Crete City Council Regular Meeting
Tuesday, August 15, 2023 6:00 PM
Crete City Hall
243 E 13th Street
Crete, NE 68333

1. **Open Meeting**

    - In accordance with Nebraska law, a copy of the Open Meetings Act can be found in the back of the Council Chambers.
    - Items listed on the agenda may be considered in any order.
    - Please stand for the Pledge of Allegiance.

2. **Roll Call**

    - Attendance of members will be recorded to determine the presence of a quorum for official actions.

3. **Consent Agenda**

    - All items listed on the consent agenda will be approved by one motion and vote. No separate discussion of these items will occur unless the Mayor, a Councilmember, or a citizen so requests. If such a request is made, the item will be moved out of the consent agenda and considered separately.

    3.A. Approve Meeting Minutes

        3.A.1. August 1, 2023 Finance Committee Minutes

        3.A.2. August 1, 2023 Public Safety Committee Minutes

        3.A.3. August 1, 2023 City Council Meeting Minutes

        3.A.4. August 7, 2023 Planning Commission Minutes

        3.A.5. August 10, 2023 Airport Advisory Board Minutes

        3.A.6. July 5, 2023 Public Works Committee Minutes

        3.A.7. July 18, 2023 Public Works Committee Minutes

        3.A.8. August 1, 2023 Public Works Committee Minutes

    3.B. Accept the City Treasurer's Report

    3.C. Approve the Payment of Claims Against the City

    3.D. Approve Cline Williams invoices totalling $9,632.06

4. **Items of Business**

    - Action may be taken to discuss/limit discussion, to hear testimony in favor of or in opposition to, and to approve or disapprove any matter presented under this title.

    4.A. Consider authorizing to apply for the Rural and Tribal Assistance Pilot Program.

    4.B. Consider the Belohavy Estates Administrative Subdivision.

4.C. Consider the Contractor's Application for Payment from Constructors, Inc. for Project No. 23-015 in the amount of $232,336.90.

4.D. Consider renewing the membership with Southeast Nebraska Development District.

4.E. Consider approving the payment of claims to ACE Hardware in the amount of $1,364.25.

4.F. Consider adopting Resolution 2023-16: A resolution authorizing the Mayor to sign the Nebraska Board of Public Roads Classifications and Standards Municipal Annual Certification of Program Compliance.

4.G. Consider Ordinance No.2176; An Ordinance of the City of Crete, Nebraska Relating to Annexation; To annex certain contiguous or adjacent land in part of the SE 1/4 of the NW 1/4 of Section 33, T8N, R4E; and to extend the corporate limits of the City.

4.H. Consider the Preliminary Plat for Butterfly Acres.

4.I. Consider the renewal of the Union Bank and Trust Revised Defined Contribution Plan Services Agreements for the Civilian Employee and Police Officer Pension Plans with Union Bank and Trust.

4.J. Consider the Substation Transformer and Switchgear bids.

4.K. Consider the amended utility payment Agreement and Waiver Of Notice Policy

4.L. Consider the LB840 Application from ALLO Crete, LLC.

4.M. Consider the LB840 Application from Charpen Properties LLC.

5. **Petitions - Communications - Citizen Concerns**

- Citizen testimony may be limited to 3 minutes per person.
- Please do not repeat testimony that has already be heard.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

6. **Officers' Reports**

- Reports may be given by Officers, Departments, Committees, or Councilmembers concerning the current operations of the City.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

6.A. Class C Liquor License Automatic Renewals

7. **Adjournment**

Disclaimers & Notices

- The Council may enter into closed session to discuss any matter on this agenda when it is determined that a closed session is clearly necessary for the protection of the public interest or the prevention of needless injury to the reputation of an individual (if such individual has not requested a public meeting) or as otherwise allowed by law. Any closed session shall be limited to the subject matter for which the closed session was called. If the motion to close passes, then immediately prior to the closed session the Mayor shall restate on the record the limitation of the subject matter of the closed session.
- The City of Crete assures that no person shall on the grounds of race, color, national origin, age, disability, handicap or sex, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity of the City receiving Federal financial assistance. To report discrimination, contact the City Clerk's office.
- The complete agenda with attachments is available at www.crete.ne.gov.

CITY COUNCIL FINANCE COMMITTEE MEETING

August 1st, 2023 at 5:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

Notice of the meeting was given by posting, the appointed method for giving notice as shown by the attached notice, at the following locations:

City Hall, 243 East 13th Street
Post Office, 1242 Linden Avenue
City Bank and Trust, 1135 Main Avenue

Advance notice of the meeting was also given to committee members. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open meetings Act, Laws of the State of Nebraska, in the back of the council chambers. All proceedings shown were taken while the meeting was open to the attendance of the public.

1. Open Meeting

2. Roll Call

Kyle Frans:	Present
Ashley Newmyer:	Present
Dale Strehle:	Present

Present: 3.

3. Items of Business

3.A. Consider a recommendation to the City Council on the funding request for 2023-2024 from Saline County Aging Services in the amount of $8,007.00.

City Administrator Tom Ourada explained that this is a reoccurring request. Mayor Bauer worked with Lori Moldenhauer on collaborative efforts to bring back the Meals on Wheels Program.

Mayor Bauer stated that there are currently about 10 families being served with the Meals on Wheels Program. There are volunteers every day to deliver the meals.

Recommend to the City Council on the funding request for 2023-2024 from Saline County Aging Services in the amount of $8,007.00. Carried with a motion by Dale Strehle and a second by Ashley Newmyer.
Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 3, No: 0

3.B. Consider a recommendation to the City Council on the City of Crete Financial Policy.

City Administrator Tom Ourada explained that this Financial Policy is a combination of parts of the one we had and Norfolk and Hastings. Ourada commented that the amounts mentioned in the Financial Policy are according to state statute.
City Attorney Anna Burge reviewed the Financial Policy and Mayor Bauer and City Administrator Ourada talked about it.

Recommend to the City Council on the City of Crete Financial Policy. Carried with a motion by Dale Strehle and a second by Ashley Newmyer.
Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 3, No: 0

4. Officers' Reports

5. Adjournment

CITY COUNCIL PUBLIC SAFETY COMMITTEE MEETING

August 1st, 2023 at 5:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

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1. Open Meeting

2. Roll Call

Dan Papik:	Absent
Tom Crisman:	Present
Anthony Fitzgerald:	Present

Present: 2, Absent: 1.

3. Items of Business

3.A. Consider a recommendation to the City Council on the Police Department applying for the traffic safety grant for Drive Sober or Get Pulled Over.

Chief of Police Young explained that this is another traffic safety grant. The application is now an online process. Officers Jonas and Kramer have completed research for the application.

Recommend to the City Council on the Police Department applying for the traffic safety grant for Drive Sober or Get Pulled Over. Carried with a motion by Anthony Fitzgerald and a second by Tom Crisman.

Tom Crisman: Aye, Anthony Fitzgerald: Aye

Aye: 2, No: 0

4. Officers' Reports

5. Adjournment

CITY COUNCIL REGULAR MEETING

August 1st, 2023 at 6:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

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Post Office, 1242 Linden Avenue
City Bank and Trust, 1135 Main Avenue

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1. Open Meeting

2. Roll Call

Dan Papik:	Absent
Tom Crisman:	Present
Anthony Fitzgerald:	Present
Kyle Frans:	Present
Ashley Newmyer:	Present
Dale Strehle:	Present

Present: 5, Absent: 1.

3. Consent Agenda
3.A. Approve Meeting Minutes

3.A.1. July 18, 2023 Finance Committee Meeting
3.A.2. July 18, 2023 Park and Rec Committee Meeting
3.A.3. July 18, 2023 City Council Meeting
3.B. Accept the City Treasurer's Report

3.C. Approve the Payment of Claims Against the City

4. Items of Business

4.A. Consider the Police Department applying for the traffic safety grant for Drive Sober or Get Pulled Over.

Chief of Police Young explained that this is a DUI enforcement grant that they apply for every year. The applications are now being submitted differently. They are submitted and reviewed online. Officers Jonas and Kramer conducted research into the target areas.

Approved the Police Department applying for the traffic safety grant for Drive Sober or Get Pulled Over. Carried with a motion by Tom Crisman and a second by Kyle Frans.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.B. Consider the funding request for 2023-2024 from Saline County Aging Services in the amount of $8,007.00.

City Administrator Tom Ourada explained that this is a reoccurring request for funds. As a result of collaboration between Mayor Bauer and The Saline County Aging Services Program Manager Lori Moldenhauer, the Meals on Wheels program is back in the community.

Approved the funding request for 2023-2024 from Saline County Aging Services in the amount of $8,007.00. Carried with a motion by Kyle Frans and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.C. Consider the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-02.

City Administrator Tom Ourada explained that this is the third application for a permit to occupy City of Crete Right-of-Way from ALLO Communications. A property owner that had asked to be annexed so that ALLO could service them is now going to be getting service. ALLO held their ground breaking ceremony at City Hall on Monday, July 31st 2023.

Approved the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-02. Carried with a motion by Dale Strehle and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.D. Consider Resolution NO.2023-15 A Resolution Of The City of Crete, Nebraska, To Appoint Members Of Its Council To The Saline County Railroad Transportation District.

City Administrator Tom Ourada mentioned that the City has been working on the Railroad Transportation Safety District for a number of years now. The city is doing this by Resolution, which is creating an opportunity for railways in the community to have quiet zones. There needs to be three members from the county and three members from a 1st class city.

Introduce and adopt Resolution NO.2023-15 A Resolution Of The City of Crete, Nebraska, To Appoint Members Of Its Council To The Saline County Railroad Transportation District. Carried with a motion by Dale Strehle and a second by Tom Crisman.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.E. Consider an Agreement Between Owner and Engineer For Professional Services from JEO.

City Administrator Tom Ourada explained that this was something that the City did with JEO a couple of years ago to do some design for the water mains and a new water well. We did get a planning notice from USDA through the water and Waste Water Advisory Council for 2.8 million dollars with 35% grant and the rest very low interest loan. They did advise us that they ran out of money for that particular program. In early 2023 well # 1 reached the end of its useable life. One alternative is to sink another water well in the location of our small water treatment plant and the other is to move forward with this water well and at least some of the water main work because the preliminary results all show that this water well would not need any treatment. It has low nitrate readings and practically no iron and manganese readings. The committee approved both draft agreements pending the funding. Either the water well and minimal transmission main or the water well and complete transmission main.

Approved an Agreement Between Owner and Engineer For Professional Services from JEO. Carried with a motion by Dale Strehle and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.F. Consider the Application for Special Event Permit SE23-04 from the Crete Chamber of Commerce.

City Administrator Tom Ourada mentioned that previously the old Airport Authority would approve these, but now that they have ceased to exist, the City Council approves these actions.

Approve the Application for Special Event Permit SE23-04 from the Crete Chamber of Commerce. Carried with a motion by Dale Strehle and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.G. Consider a Financial Policy for the City of Crete.

City Administrator Tom Ourada explained that the City has had various Finance Policies that were informal. This one is based on the parts of the one we had, Hastings and Norfolk. City Attorney Anna Burge reviewed it and Mayor Bauer also reviewed it and it went to the Finance Committee.

Approved a Financial Policy for the City of Crete. Carried with a motion by Kyle Frans and a second by Ashley Newmyer.

Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.H. Consider the Crete Senior Villas Preliminary Plat.

City Administrator Tom Ourada stated that the Planning Commission has been working on this. The processes and procedures have been met. Several city attorneys have reviewed it including our current City Attorney Anna Burge. Burge stated that everything has been completed and done correctly.

Approved the Crete Senior Villas Preliminary Plat. Carried with a motion by Dale Strehle and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

4.I. Consider the Crete Senior Villas Final Plat.

City Administrator Tom Ourada explained that in some occasions the final plats can be submitted simultaneously with the preliminary plats. The City and Planning Commission has accepted those in the past provided that they are complete, with engineering design plans, and financial guarantees. This final plat is no exception. It has its design plans and guarantees.

Approved the Crete Senior Villas Final Plat. Carried with a motion by Dale Strehle and a second by Anthony Fitzgerald.
Tom Crisman: Aye, Anthony Fitzgerald: Aye, Kyle Frans: Aye, Ashley Newmyer: Aye, Dale Strehle: Aye
Aye: 5, No: 0

5. Petitions - Communications - Citizen Concerns

6. Officers' Reports

Officer's Reports:

- Chief of Police Young stated the following:
- That there have been upgrades to the portable radios. The TC Energy Build Strong Grant that they had applied for awarded them $5,500. They are going to continue seeking grants.
- Chief Young will be having a conversation with Crete Public Schools Superintendent Joshua McDowell about the expectations for another School Resource Officer. Crete Public Schools is currently paying 75% of the salary for the School Resource Officer including benefits.
- The FOP Negotiations will be on Wednesday, August 2nd 2023.
- Chief Young mentioned that Officer Kramer had a busy Saturday getting 10 calls in 12 hours. He helped an injury accident and breaking up a fight, a hit and run, a call for a mentally ill female, and removing a person from Wal-Mart that use under the influence of meth.

- Invited everyone to the National Night Out/Community Back to School Picnic.

- Library Director, Joy Stevenson mentioned the following:
- There are three more Food Truck Thursdays at the Library. There will not be a Food truck this next Thursday, August 3rd.
- The Crete Public Library Catalog has a new feature called Gabbie where you can text chat with a librarian. You can renew your books, check the status of your account, or ask a reference question.
- There are upcoming programming for children, teens, and adults.
- There will be three speakers; Tosca Lee will be at the Crete Carrier Community Room on Sunday, August 27th at 2:00pm. Ellen Marie Wiseman author of the Crete Reads Book The Orphan Collector will be presenting via Zoom at the library on October 22nd 2023 and Nebraska State Poet Mark Mason will be presenting in November.

- Park and Recreation Director, Liz Cody stated the following:
- The parks have had lots of action with picking up branches from the storm
- Flag Football registrations are out
- The pool will be hosting the Doane Tiger Take Off
- The County Fair took place at Tuxedo Park and they had some new interactive exhibits and music performances.
- There will be a cattle show this Friday, August 4th 2023.
- There is continued interest for softball and soccer at Tuxedo Park
- Provided an update on City Hall South Drive construction which is now scheduled to start on September 5th2023.

- Human Resources Coordinator, Savannah Anderson introduced Will White, who is the new Airport Manager. White stated that he hopes to expand opportunities at the airport and gave thanks for having him and for the opportunity to be the Airport Manager.

- City Administrator, Tom Ourada stated the following:
- The storm last Saturday, July 29th 2023 caused minor damages with some trees that fell.
- Spent time working in Wilber to help with their substation
- Hickman also called to get some help and after helping in Wilber they headed to help them. Their situation had more complex issues.
- Will be meeting to discuss the FOP negotiations
- Will be applying for a planning grant with 100% funding. This is for a pedestrian walkway on Boswell Ave. This went to the Public Works committee but did not get put in the Council agenda and since the application is due August 11th 2023 it won't be able to be put in the next council agenda.
- On the next council meeting it will be discussed about an earmarked grant for applying for a roundabout at 13th and Iris Ave.
- Ourada and Mayor Bauer had a housing meeting. With an influx of residents and with Doane University bringing more students they are looking housing opportunities.

- Mayor Bauer mentioned the following:
- Thanked the Police Department, Fire Department, and Electrical Department for their work with the storm on Saturday, July 29th2023.
- Invited everyone to stop by the Back-to-School Event at Doane University.

7. Adjournment

6:37 p.m.

_____
Mayor

(SEAL)

_____
City Clerk-Treasurer

I, Jerry Wilcox, City Clerk for the City of Crete, hereby certify that the foregoing is a true and correct copy of the proceedings had and done by the Mayor and Council. I hereby certify that a copy of the Open Meetings Act was posted in the back of the Council Chambers. I certify that all of the subjects included in the foregoing proceedings were contained in the agenda for the meeting, kept continually current and available for public inspection at the office of the City Clerk. I certify that such subjects were contained in said agenda for at least twenty-four hours prior to said meeting and that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public. I certify that the minutes were in written form and available for public inspection within ten working days and prior to the next convened meeting of the City Council. I certify that all news media requesting notification concerning meetings of the City Council were provided with advance notification of the time and place of said meeting and the subjects to be discussed.

_____
City Clerk-Treasurer (S E A L)

CRETE PLANNING COMMISSION MEETING

August 7th, 2023 at 7:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

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Post Office, 1242 Linden Avenue
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1. Open Meeting

2. Roll Call

Brent Cole:	Absent
Justin Kozisek:	Present
Jay Quinn:	Present
Drew Rische:	Absent
Jennifer Robison:	Present
Ryan Jindra:	Present
Dave Jurena:	Present
Scott Kuncl:	Present
Tom Ourada:	Present
Jeff Wenz:	Present

Present: 8, Absent: 2.

City Administrator Tom Ourada was present for the meeting but did not vote.

3. Items of Business

3.A. Approve Planning Commission Minutes

Approved Planning Commission Minutes Carried with a motion by Scott Kuncl and a second by Jennifer Robinson.

Ryan Jindra: Aye, Dave Jurena: Aye, Scott Kuncl: Aye, Jeff Wenz: Aye, Justin Kozisek: Aye, Jay Quinn: Aye, Jennifer Robinson: Aye, Ryan Jindra: Aye

Aye: 8 , No: 0

3.B. Consider a recommendation to the City Council on the Preliminary Plat for Butterfly Acres.

Mike Ecker with representing the owners of the project stated the following:

- Passed out handouts with the land layouts, grading plans for the roadways, and all the details needed.
- Have worked on the zoning and with the county on the connections to the roads. This one lies on Lancaster county but is in your jurisdiction.
- Worked with the NRD on the area downstream on the adjacent property.
- Lots will go into that area but there will be a no build limit.
- Worked with the county to meet the county standards.
- Single family housing, no mobile homes, move on houses are permitted if previously approved, no more than 1 inoperable vehicle, no more than 1 camper/ recreational vehicle, any more than that can be inside.
- One story ranch is 1350 sf , 2 story home is 1000 sf per floor

-Explained where they are going to put the culvert through. Mentioned that it's not a huge amount of water that comes through and also no buildings can be put there.

City Administrator Tom Ourada stated that they are in our zoning jurisdiction and the only thing that intersects between us is the roadway. They are dealing with Lancaster and are having conversations.

Recommend to the City Council on the Preliminary Plat for Butterfly Acres. Carried with a motion by Justin Kozisek and a second by Scott Kuncl.

Ryan Jindra: Aye, Dave Jurena: Aye, Scott Kuncl: Aye, Jeff Wenz: Aye, Justin Kozisek: Aye, Jay Quinn: Aye, Jennifer Robinson: Aye, Ryan Jindra: Aye

Aye: 8 , No: 0

3.C. Consider a recommendation to the City Council on Ordinance NO.2176 An Ordinance of the City of Crete, Nebraska Relating to Annexation; To Annex Certain Contiguous Or Adjacent Land In Part Of The Southeast Quarter Of The Northwest Quarter of Section 33, Township 8 North, Range 4 East; And To Extend The Corporate Limits Of The City.

City Administrator Tom Ourada explained that at Belohavy Estates, Matt Thomas with Dana Point did the subdivision by Schwan's. These are houses and duplexes for families with low to moderate incomes.

There is a duplex that is built into the setback by about three feet. They cannot do a variance so they looked into buying 4-5 feet of property.

City Attorney Anna Burge stated that at this point Matt Thomas has a contract for purchase the property but needs approval for financing this lot of land. He needs approval in

order to attach it to the other land to fulfill the setbacks. He needs to request an annexation of this property.

Ourada explained that since the owner is requesting the annexation there are steps that can be statutorily skipped.

Recommend to the City Council Ordinance NO.2176 An Ordinance of the City of Crete, Nebraska Relating to Annexation; To Annex Certain Contiguous Or Adjacent Land In Part Of The Southeast Quarter Of The Northwest Quarter of Section 33, Township 8 North, Range 4 East; And To Extend The Corporate Limits Of The City. Carried with a motion by Jennifer Robinson and a second by Jay Quinn.

Ryan Jindra: Aye, Dave Jurena: Aye, Scott Kuncl: Aye, Jeff Wenz: Aye, Justin Kozisek: Aye, Jay Quinn: Aye, Jennifer Robinson: Aye, Ryan Jindra: Aye
Aye: 8 , No: 0

4. Officers' Reports

City Administrator Tom Ourada mentioned that he appreciates everyone attending the special meeting. It helps the developers and it helps the City. There will still be a regular meeting on Monday, August 28th 2023. The final plat for Butterfly Acres is supposed to be done in time for that meeting. That's likely going to be the only agenda item for that meeting.

5. Adjournment

7:31pm

CRETE AIRPORT ADVISORY BOARD MEETING

August 10th, 2023 at 8:15 AM

Crete City Hall, 243 East 13th Street

MINUTES

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1. Open Meeting

2. Roll Call

Greg Hier: Present
Howard Nitzel: Present
Present: 2, Absent: 8.

A quorum was not met.

Others present for the meeting: Tom Ourada, Wendy Thomas, Nancy Tellez, Mike Kalkwarf, Will White

3. Petitions - Communications - Citizen Concerns

4. Items of Business

4.A. Discuss fuel sales at the airport.

Airport Manager Will White mentioned that he had a conversation with Pat Reed who wanted cheaper fuel prices.

City Administrator Tom Ourada stated that Aaron Scheppers owns the inventory and City

Attorney Anna Burge stated that if they default on their contract it may be terminated.
White mentioned that the fuel price is Seward and Beatrice is cheaper and he is going to find out how much exactly it is. He thought it was around $5.90 in Seward and $6.00 in Beatrice and in Crete it is $6.10 or $6.20.
Ourada mentioned that there might be a possibility to do a package deal with Scheppers so that maybe he could drop his fuel prices.

4.B. Discuss policy for events at the airport.

City Administrator Tom Ourada mentioned that with events taking place at the airport there needs to be a policy in place.
With this policy, people would adhere to not shutting off access to airport patrons fueling or needing to go to the office.

White mentioned creating an agreement that people sign.

4.C. Special claim from Wilber Windows and Doors and Astro Buildings

Had a discussion about the claim from Wilber Windows and Doors and the estimate from Astro Buildings.

5. Officers' Reports

Mike Kalkwarf informed that the AirMethods door is unfinished. City Administrator Tom Ourada stated that it does need a new door and that is a conversation to have with their corporate office.
Ourada mentioned that City Attorney Anna Burge will be writing a letter to AirMethods to let them know.
Kalkwarf informed that the farmer has moved his crops and that the documents were signed and the project was completed. They continue to spray the cracks and clean them out and seal them.

5.A. Airport Manager Report

Will White stated that he has been busy. There is lots to do with the ground stuff around the airport.

6. Adjournment

CITY COUNCIL PUBLIC WORKS COMMITTEE MEETING

July 5th, 2023 at 5:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

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1. Open Meeting

2. Roll Call

Anthony Fitzgerald:	Present
Dan Papik:	Present
Dale Strehle:	Present

Present: 3.

3. Items of Business

3.A. Consider a recommendation to the City Council on the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-01.

Allo Communications has applied for a permit to occupy the city right-of-way. Allo Communications will be requesting sections at a time, which they call bonds. This is in regard to the fiber-to-the-premise (FTTP) project.

A recommendation was made to the City Council on approving the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-01. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye

Aye: 3, No: 0

3.B. Consider a recommendation to the City Council on the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-03.

Allo Communications has applied for a permit to occupy the city right-of-way. Allo Communications will be requesting sections at a time, which they call bonds. This is in regard to the fiber-to-the-premise (FTTP) project.

A recommendation was made to the City Council on approving the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-03. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye
Aye: 3, No: 0

3.C. Consider a recommendation to the City Council on the Application and Certificate for Payment from General Excavating in the amount of $97,286.44 for all the work through 6/24/2023.

Tom Ourada explained that this payment is for the work they have completed up to now on the 22nd Street Triple Box Culvert Project.

A recommendation was made to the City Council on the Application and Certificate for Payment from General Excavating in the amount of $97,286.44 for all the work through 6/24/2023. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye
Aye: 3, No: 0

3.D. Consider a recommendation to the City Council on the request from George A. Leavitt and Barbara J. Leavitt for the Administrative Subdivision of "Clover Ridge Addition" being a portion of the Northwest 1/4 of section 25 T8N R4E of the 6th P.M., Saline County, Nebraska.

Tom explained that this qualifies as a standard administrative subdivion in front of the City Council. It is not more then three lots and it does not involve utilities nor does it involve road right-a-way.

A recommendation was made to the City Council on the request from George A. Leavitt and Barbara J. Leavitt for the Administrative Subdivision of "Clover Ridge Addition" being a portion of the Northwest 1/4 of section 25 T8N R4E of the 6th P.M., Saline County, Nebraska. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye
Aye: 3, No:

3.E. Consider a recommendation for consent agenda approval of Isis Theater Renovation change orders #007 & #008 in the amounts of $5,146 & $7,503 respectfully.

Shaylene Smith was present to discuss in detail the purpose of the change orders requested. Change order #007 is due to making some adjustments to drink placement within the Isis Theater Concession stand. This request will allow for more room behind the counter and visitors to service themselves. Change Order #008 is due to finally choosing the wallpaper and tiles for the lobby and bathrooms.

A recommendation was made for consent agenda approval of Isis Theater Renovation change orders #007 & #008 in the amounts of $5,146 & $7,503 respectfully. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald. Carried with a motion by Dan Papik and a second by Anthony Fitzgerald.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye
Aye: 3, No: 0

4. Officers' Reports

5. Adjournment

5:12pm

CITY COUNCIL PUBLIC WORKS COMMITTEE MEETING

July 18th, 2023 at 5:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

Notice of the meeting was given by posting, the appointed method for giving notice as shown by the attached notice, at the following locations:

City Hall, 243 East 13th Street
Post Office, 1242 Linden Avenue
City Bank and Trust, 1135 Main Avenue

Advance notice of the meeting was also given to committee members. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open meetings Act, Laws of the State of Nebraska, in the back of the council chambers. All proceedings shown were taken while the meeting was open to the attendance of the public.

1. Open Meeting

2. Roll Call

Dale Strehle:	Absent
Anthony Fitzgerald:	Present
Dan Papik:	Present

Present: 2, Absent: 1.

3. Items of Business

3.A. Consider a recommendation to the City Council on the Change Request- COR#006 in the amount of $9,014 from Kingery Construction CO. for the Crete Isis Theatre Phase I.

Change Order COR#006 was requested due to the cost of Walnut blasting the 5 exposed wood trusses within the Isis Theater.

A recommendation was made to the City Council on the Change Request- COR#006 in the amount of $9,014 from Kingery Construction CO. for the Crete Isis Theatre Phase I. Carried with a motion by Anthony Fitzgerald and a second by Dan Papik.
Anthony Fitzgerald: Aye, Dan Papik: Aye
Aye: 2, No: 0

3.B. Discussion on Economic Development Administration opportunities.

During a recent conversation with the EDA (Economic Development Administration) and SENND regarding the upcoming Substation Project, Tom was informed that there is some disaster relief money available. A few changes would have to be made to the initial plans for the City to quality which wouldn't be a problem. EDA would fund 80/20 and would even fund the engineering cost, since we followed the federal procurement guidelines. Tom will continue updating the committee on this business item.

3.C. Consider a recommendation to the City Council on the Contractor's Application No. 2 for Payment from Constructors, Inc. in the amount of $324,729.53

2022 Street Improvements - This is for jobs already completed.

A recommendation was made to the City Council on the Contractor's Application No. 2 for Payment from Constructors, Inc. in the amount of $324,729.53. Carried with a motion by Anthony Fitzgerald and a second by Dan Papik.
Anthony Fitzgerald: Aye, Dan Papik: Aye
Aye: 2, No: 0

4. Officers' Reports

5. Adjournment

5:15pm

CITY COUNCIL PUBLIC WORKS COMMITTEE MEETING

August 1st, 2023 at 5:00 PM

Crete City Hall, 243 East 13th Street

MINUTES

Notice of the meeting was given by posting, the appointed method for giving notice as shown by the attached notice, at the following locations:

City Hall, 243 East 13th Street
Post Office, 1242 Linden Avenue
City Bank and Trust, 1135 Main Avenue

Advance notice of the meeting was also given to committee members. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open meetings Act, Laws of the State of Nebraska, in the back of the council chambers. All proceedings shown were taken while the meeting was open to the attendance of the public.

1. Open Meeting

2. Roll Call

Dan Papik:	Absent
Anthony Fitzgerald:	Present
Dale Strehle:	Present

Present: 2, Absent: 1.

3. Items of Business

3.A. Consider a recommendation to the City Council on the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-02.

Allo Communications has applied for a permit to occupy the city right-of-way. Allo Communications will be requesting sections at a time, which they call bonds. This is in regard to the fiber-to-the-premise (FTTP) project.

A recommendation was made to the City Council on the Application for a Permit to Occupy City of Crete Right-of-Way from Allo Communications at PON: CRE-01-02. Carried with a motion by Anthony Fitzgerald and a second by Dan Papik.

Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye

Aye: 3, No: 0

3.B. Consider a recommendation to the City Council on an Agreement Between Owner and Engineer For Professional Services from JEO.

City Administrator Tom Ourada discussed the new well that would be installed just south of Belohlavy Estates. The Well will be placed on a triangular piece of property owned by the City. This is the same location that the Solar Farm will be present. The Well will not require water treatment due to very minimal or no traces of nitrates, iron or manganese.
The City was approved for funding by the USDA last year through the WEWAC process. The funding consisted of a 35% grant and a 65% loan. Shortly after that, we received notification that the USDA had run out of funding. This is scheduled to be revisited next year.
Tom also discussed the status of Well #1. Well #1 has failed and is no longer in working condition. This well is located at 18th and Kingwood.
Ourada weighed the pros and cons of the New Well with the Committee. The New well would have three to four times the capacity, does not require water treatment and does fill some of the deficiencies on the West side of Crete. Also, this would supply redundancy to the West side of Crete. If a water main that is attached to the bridge fails, there would be another alternative.
It will take anywhere from four to six months to complete the design on this and start the permitting for the Well.

A recommendation was made to the City Council on approving both Agreement Between Owner and Engineer for Professional Services from JEO in regard to the Water Well and Water Main projects. Carried with a motion by Anthony Fitzgerald and a second by Dale Strehle.
Anthony Fitzgerald: Aye, Dan Papik: Aye, Dale Strehle: Aye
Aye: 3, No: 0

3.C. Consider a recommendation to the City Council on the Application for Special Event Permit SE23-04 from the Crete Chamber of Commerce.

A special Event Permit was submitted by the Crete Chamber of Commerce. This was in regards to the When Pigs Fly event that would be held at the Crete Airport on August 26th, 2023 from 6:00pm-10:00pm.

A recommendation was made to the City Council on approving the Application for Special Event Permit SE23-04 from the Crete Chamber of Commerce. Carried with a motion by Anthony Fitzgerald and a second by Dale Strehle.
Anthony Fitzgerald: Aye, Dale Strehle: Aye
Aye: 2, No: 0

3.D. Consider a recommendation to the City Council on Resolution NO.2023-15 A Resolution Of The City of Crete, Nebraska, To Appoint Members Of Its Council To The Saline Railroad Transportation District.

City Administrator Tom Ourada updated the committee that the next step with the RTSD was to appoint members of the council to the Saline County Railroad Transportation District.

A recommendation was made to the City Council on approving Resolution NO.2023-15 A Resolution Of The City of Crete, Nebraska, To Appoint Members Of Its Council To The Saline Railroad Transportation District. Carried with a motion by Anthony Fitzgerald and a second by Dale Strehle.

Anthony Fitzgerald: Aye, Dale Strehle: Aye
Aye: 2, No: 0

3.E. Consider a Recommendation to the City Council on applying for both the Rural and Tribal Assistance Pilot Program.

The Rural and Tribal Assistance Pilot Program Grant is a five-year discretionary program through the U.S. Department of Transportation. This planning grant provides states, local governments, and tribal governments with grants to support project development, leading to future applications for DOT credit or grant programs. Tom would like to use this planning grant for a pedestrian overpass over the highway and railroad tracks.

A Recommendation was made to the City Council on applying for both the Rural and Tribal Assistance Pilot Program. Carried with a motion by Anthony Fitzgerald and a second by Dale Strehle.
Anthony Fitzgerald: Aye, Dale Strehle: Aye
Aye: 2, No: 0A Recommendation was made to the City Council on applying for both the Rural and Tribal Assistance Pilot Program. Carried with a motion by Anthony Fitzgerald and a second by Dale Strehle.
Anthony Fitzgerald: Aye, Dale Strehle: Aye
Aye: 2, No: 0

4. Officers' Reports

5. Adjournment

5:22 pm

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

ELECTRIC

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	REVENUES					
001-4101	CONSUMERS DEPOSIT INV. INT.	.00	1,199.52	1,000.00	(199.52)	120.0
001-4102	GAS & DIESEL FUEL SALES	914.86	35,823.89	30,000.00	(5,823.89)	119.4
001-4103	SALES TO CITY	22,309.28	215,658.69	275,000.00	59,341.31	78.4
001-4104	FORFEITED DISCOUNTS	3,813.94	55,293.71	40,000.00	(15,293.71)	138.2
001-4105	CONNECTIONS & COLLECTIONS	1,574.00	15,620.09	20,000.00	4,379.91	78.1
001-4106	R SALES	215,873.48	2,160,307.23	2,700,000.00	539,692.77	80.0
001-4107	GS SALES	111,598.51	1,022,283.00	1,400,000.00	377,717.00	73.0
001-4108	GD, GDH, LP1 SALES	377,716.81	3,191,305.48	3,700,000.00	508,694.52	86.3
001-4111	FORFEITED DISCOUNT - GARBAGE	382.48	3,440.32	3,000.00	(440.32)	114.7
001-4200	RH SALES	40,657.19	504,151.79	625,000.00	120,848.21	80.7
001-4202	LP2 SALES	179,619.48	1,793,900.53	3,000,000.00	1,206,099.47	59.8
001-4203	IRRIGATION SALES	338.73	1,862.03	1,500.00	(362.03)	124.1
001-4204	RENTAL LIGHTS P1	.00	19.50	3,000.00	2,980.50	.7
001-4205	RENTAL LIGHTS P2	485.50	4,835.14	3,000.00	(1,835.14)	161.2
001-4206	RENTAL LIGHTS P3	58.60	598.25	500.00	(98.25)	119.7
001-4207	RENTAL LIGHTS P4	56.20	562.00	500.00	(62.00)	112.4
001-4208	RENTAL LIGHTS M1	18.40	183.16	200.00	16.84	91.6
001-4209	RENTAL LIGHTS M2	26.10	259.86	300.00	40.14	86.6
001-4210	RENTAL LIGHTS M7	33.90	337.74	300.00	(37.74)	112.6
001-4211	POLE RENTALS - CABLEVISION	.00	.00	3,000.00	3,000.00	.0
001-4213	PLANT CAPACITY LEASE- MEAN	12,302.00	123,020.00	135,000.00	11,980.00	91.1
001-4214	CURRENT USED PLANT/WAREHOUSE	.00	.00	40,000.00	40,000.00	.0
001-4215	NATURAL GAS SOLD TO MEAN	.00	3,459.72	6,000.00	2,540.28	57.7
001-4216	FUEL OIL SOLD TO MEAN	.00	1,371.06	.00	(1,371.06)	.0
001-4510	GARBAGE COLLECTION FEE	393.75	(1,697.61)	4,000.00	5,697.61	(42.4)
001-4903	INTEREST INCOME	1,039.49	10,115.85	10,000.00	(115.85)	101.2
001-4904	MISC. SALES	811.80	9,536.33	4,000.00	(5,536.33)	238.4
001-4911	SALE OF MATERIAL	.00	10,159.28	5,000.00	(5,159.28)	203.2
001-4913	LEASE - LAND, BLDG., TOWER	620.00	620.00	.00	(620.00)	.0
001-4916	RENTALS(UNIFORM/EQUIP/LABOR)	.00	1,729.03	.00	(1,729.03)	.0
	TOTAL REVENUES	970,644.50	9,165,955.59	12,010,300.00	2,844,344.41	76.3
	TOTAL FUND REVENUE	970,644.50	9,165,955.59	12,010,300.00	2,844,344.41	76.3

ELECTRIC

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
001-7020	OPERATION LABOR	14,483.24	153,519.09	175,000.00	21,480.91	87.7
001-7030	FUEL OIL USED	864.80	7,107.55	5,000.00	(2,107.55)	142.2
001-7040	NATURAL GAS	127.69	4,584.71	5,000.00	415.29	91.7
001-7060	WATER, SALT, SEWER	169.79	2,115.02	2,000.00	(115.02)	105.8
001-7070	LUBRICANTS USED	.00	.00	2,000.00	2,000.00	.0
001-7080	MISC. PRODUCTION EXPENSES	.00	502.32	1,000.00	497.68	50.2
001-7090	FUEL OIL RECOVERY EXPENSE	61.65	612.06	1,000.00	387.94	61.2
001-7170	MAINT. GENERATION UNIT #7	14.52	8,077.02	5,000.00	(3,077.02)	161.5
001-7180	MEETING & TRAINING EXPENSES	.00	554.73	500.00	(54.73)	111.0
001-7181	MEETING & TRAINING - LABOR	.00	.00	5,000.00	5,000.00	.0
001-7190	MAINTENANCE - SWITCHGEAR	.00	.00	1,000.00	1,000.00	.0
001-7200	MAINT. - AUX. EQUIPMENT	.00	4,178.18	1,000.00	(3,178.18)	417.8
001-7210	OUTSIDE LABOR & MATERIAL	.00	.00	1,000.00	1,000.00	.0
001-7220	BLDG & GRD MAINT.	36.75	123.53	1,000.00	876.47	12.4
001-7221	BLDG & GRD MAINT. - LABOR	.00	.00	200.00	200.00	.0
001-7230	JANITORIAL SUPPLIES	19.68	1,174.21	200.00	(974.21)	587.1
001-7240	PURCHASED POWER - WAPA	40,354.70	276,150.73	330,000.00	53,849.27	83.7
001-7260	PURCHASED POWER - NMPP	1,145,138.87	5,862,189.10	8,062,525.00	2,200,335.90	72.7
001-7270	PURCHASED POWER - OTHER	12.66	63.30	.00	(63.30)	.0
001-7820	WHEELING EXPENSE	165,663.44	877,640.66	1,400,000.00	522,359.34	62.7
001-8000	BUILDING MAINT-MATERIAL	29.48	4,381.25	2,000.00	(2,381.25)	219.1
001-8001	BUILDING MAINT-LABOR	.00	1,508.76	7,000.00	5,491.24	21.6
001-8010	WATER LABOR	.00	773.33	.00	(773.33)	.0
001-8011	SUBSTATION MAINTENANCE	3,879.01	3,917.69	1,000.00	(2,917.69)	391.8
001-8020	MAINT. O. H. LINES-MATERIAL	31.20	908.45	10,000.00	9,091.55	9.1
001-8023	MAINT. O.H. LINES-LABOR	18,693.79	147,681.96	155,000.00	7,318.04	95.3
001-8024	NEW O.H. LINES - LABOR	2,198.38	10,347.34	10,000.00	(347.34)	103.5
001-8030	MAINT. O.H. SERV.-MATERIAL	4.72	227.61	4,000.00	3,772.39	5.7
001-8033	MAINT. O.H. SERV.-LABOR	.00	15,115.06	10,000.00	(5,115.06)	151.2
001-8040	MAINT. U.G. LINES-MATERIALS	23.90	1,669.64	10,000.00	8,330.36	16.7
001-8041	MAINT. U.G. LINES-LABOR	.00	12,173.30	15,000.00	2,826.70	81.2
001-8044	NEW U.G. LINES - LABOR	.00	14,560.35	30,000.00	15,439.65	48.5
001-8050	MAINT. U.G. SERVICES-MATERIALS	18.07	886.30	3,000.00	2,113.70	29.5
001-8051	MAINT. U.G. SERVICES-LABOR	.00	1,323.88	5,000.00	3,676.12	26.5
001-8055	NEW FIBER	.00	.00	5,000.00	5,000.00	.0
001-8056	NEW FIBER - LABOR	.00	.00	5,000.00	5,000.00	.0
001-8060	MAINT. TRANSFORMERS-MATERIAL	.00	22.80	2,000.00	1,977.20	1.1
001-8063	MAINT. TRANSFORMERS-LABOR	40.56	283.92	2,000.00	1,716.08	14.2
001-8070	MAINT. STREET LIGHTS-LABOR	405.60	2,976.73	12,000.00	9,023.27	24.8
001-8071	MAINT. STREET LIGHT-MATERIALS	.00	2,176.88	10,000.00	7,823.12	21.8
001-8090	METER MAINT.- MATERIAL	.00	4,202.21	4,000.00	(202.21)	105.1
001-8091	METER MAINT. - LABOR	.00	211.55	10,000.00	9,788.45	2.1
001-8100	MAINT OF EQUIP MATERIAL	16.50	758.00	2,000.00	1,242.00	37.9
001-8150	MISC. MAPS & RECORDS	.00	.00	5,000.00	5,000.00	.0
001-8151	MAP EXPENSE - LABOR	.00	.00	5,000.00	5,000.00	.0
001-8230	JANITORIAL	.00	105.89	500.00	394.11	21.2
001-8231	JANITORIAL LABOR	256.84	2,274.68	6,000.00	3,725.32	37.9
001-8460	VEHICLE EXPENSE	1,314.53	20,521.30	45,000.00	24,478.70	45.6
001-8461	VEHICLE EXPENSE - LABOR	739.35	4,530.73	8,000.00	3,469.27	56.6
001-8480	MEETING/TRAINING	.00	543.53	2,000.00	1,456.47	27.2
001-8481	MEETING & TRAINING - LABOR	76.83	1,882.12	4,000.00	2,117.88	47.1
001-8500	MISC. OPERATION	44.04	2,414.00	1,000.00	(1,414.00)	241.4

ELECTRIC

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
001-8600	VACATION, SICK, HOLIDAY PAY	5,160.86	65,745.50	65,000.00	(745.50)	101.2
001-9401	SALARIES - MEDIA	1,849.46	20,302.25	25,000.00	4,697.75	81.2
001-9408	SALARIES - TECHNOLOGY	1,182.96	12,606.83	20,000.00	7,393.17	63.0
001-9410	SALARIES - ADMINISTRATIVE	6,293.48	69,013.36	82,000.00	12,986.64	84.2
001-9440	GENERAL OFFICE SALARIES	9,430.82	98,579.60	130,000.00	31,420.40	75.8
001-9460	MAYOR, COUNCIL, CLERK SALARIES	2,607.92	35,804.17	55,000.00	19,195.83	65.1
001-9492	SALARIES - PUB. REL./COM. DEV.	.00	4,136.36	6,000.00	1,863.64	68.9
001-9570	METER READING - LABOR	1,721.73	19,642.08	25,000.00	5,357.92	78.6
001-9581	CUSTOMER SERVICES - LABOR	1,392.93	19,366.37	20,000.00	633.63	96.8
001-9590	RETIREMENT CONTRIBUTIONS	3,936.27	46,144.60	55,000.00	8,855.40	83.9
001-9610	SOCIAL SECURITY TAX	4,888.51	52,065.31	61,000.00	8,934.69	85.4
001-9620	MEDICAL & LIFE INSURANCE	11,437.53	119,801.02	160,000.00	40,198.98	74.9
001-9623	HR CONSULTING FEES	.00	714.27	.00	(714.27)	.0
001-9630	WORKMANS COMP	716.31	7,037.71	.00	(7,037.71)	.0
001-9640	UNIFORMS	1.80	585.19	500.00	(85.19)	117.0
001-9650	POSTAGE	244.44	5,670.04	7,000.00	1,329.96	81.0
001-9660	TELEPHONE	333.74	4,152.65	6,000.00	1,847.35	69.2
001-9670	MISC. GENERAL	57.65	849.12	2,000.00	1,150.88	42.5
001-9680	OFFICE RENTAL	1,096.00	5,480.00	7,000.00	1,520.00	78.3
001-9690	EASEMENTS, LICENSES	1,034.01	4,404.96	4,000.00	(404.96)	110.1
001-9720	INSURANCE	5,676.55	56,765.50	60,000.00	3,234.50	94.6
001-9730	CUSTOMER SERVICES - MATERIAL	48.78	465.70	500.00	34.30	93.1
001-9740	OFFICE EQUIP REPAIR & CONTRACT	403.02	1,140.30	1,000.00	(140.30)	114.0
001-9760	MEETING & TRAINING	2.50	5,520.37	4,000.00	(1,520.37)	138.0
001-9780	DUES & MEMBERSHIPS	1,349.38	4,796.24	6,000.00	1,203.76	79.9
001-9820	AUDIT EXPENSE	.00	9,000.00	8,000.00	(1,000.00)	112.5
001-9840	ENG., ARCH., ABSTRACT, MEDICAL	975.00	9,192.50	6,000.00	(3,192.50)	153.2
001-9860	LEGAL SERVICE	14,986.10	33,118.47	.00	(33,118.47)	.0
001-9880	PUBLICATIONS, LEGAL	132.41	801.37	2,000.00	1,198.63	40.1
001-9890	PUBLIC RELATIONS/COM. DEV.	.00	2,341.27	20,000.00	17,658.73	11.7
001-9900	OFFICE SUPPLIES	823.38	6,547.65	5,000.00	(1,547.65)	131.0
001-9910	SOFTWARE & UPGRADES	3,688.97	27,531.42	40,000.00	12,468.58	68.8
001-9915	COMPUTERS & EQUIPMENT	2.63	5,722.25	16,000.00	10,277.75	35.8
001-9920	MAPPING & RECORDS	32.99	3,724.66	20,000.00	16,275.34	18.6
001-9926	ONLINE PAYMENT FEES	820.28	8,507.65	10,000.00	1,492.35	85.1
001-9945	COST OF FUEL SOLD	6,555.28	53,386.91	44,000.00	(9,386.91)	121.3
001-9950	BAD DEBT EXPENSE	1,324.42	1,818.06	.00	(1,818.06)	.0
001-9955	DEPRECIATION	.00	.00	146,375.00	146,375.00	.0
001-9960	TRANSFER OUT	58,334.00	291,670.00	350,000.00	58,330.00	83.3
001-9965	FRANCHISE FEE	20,000.00	100,000.00	125,000.00	25,000.00	80.0
001-9970	DEBT EXPENSE AMORTIZATION	.00	125,000.00	.00	(125,000.00)	.0
001-9971	BOND INTEREST	.00	8,273.75	20,000.00	11,726.25	41.4
001-9972	REFUNDS	.00	100.00	.00	(100.00)	.0
001-9978	OUTSIDE SYSTEM CONT - LABOR	.00	2,037.14	2,000.00	(37.14)	101.9
001-9980	ANSWERING SERVICE	52.41	624.22	1,000.00	375.78	62.4
001-9990	RADIO & COMMUNICATIONS REPAIR	254.00	254.00	4,000.00	3,746.00	6.4
	TOTAL EXPENDITURES	1,563,569.11	8,807,412.29	12,010,300.00	3,202,887.71	73.3
	TOTAL FUND EXPENDITURES	1,563,569.11	8,807,412.29	12,010,300.00	3,202,887.71	73.3

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

ELECTRIC

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
NET REVENUE OVER EXPENDITURES	(592,924.61)	358,543.30	.00	(358,543.30)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

WATER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
002-4103	SALES TO CITY	2,403.94	14,838.33	18,000.00	3,161.67	82.4
002-4104	FORFEITED DISCOUNTS	678.48	6,020.31	3,000.00	(3,020.31)	200.7
002-4105	CONNECTIONS & COLLECTIONS	.00	.00	1,000.00	1,000.00	.0
002-4106	R SALES	71,792.80	676,877.90	760,000.00	83,122.10	89.1
002-4107	GS SALES	19,849.22	184,877.28	227,000.00	42,122.72	81.4
002-4108	GD, GDH, LP1 SALES	1,312.26	10,562.94	7,000.00	(3,562.94)	150.9
002-4110	WATER TAPS	.00	.00	2,000.00	2,000.00	.0
002-4510	GARBAGE COLLECTION FEE	732.16	3,466.08	4,000.00	533.92	86.7
002-4903	INTEREST INCOME	.00	934.53	1,500.00	565.47	62.3
002-4904	MISC. SALES	.00	192.44	.00	(192.44)	.0
002-4911	SALE OF MATERIAL	.00	5,287.76	2,500.00	(2,787.76)	211.5
002-4913	LEASE - LAND, BLDG., TOWER	.00	250.00	300.00	50.00	83.3
	TOTAL REVENUES	96,768.86	903,307.57	1,026,300.00	122,992.43	88.0
	TOTAL FUND REVENUE	96,768.86	903,307.57	1,026,300.00	122,992.43	88.0

WATER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
002-7022	TREATMENT LABOR	619.96	7,716.68	16,000.00	8,283.32	48.2
002-7041	TREATMENT SUPPLIES	1,013.62	7,988.10	12,500.00	4,511.90	63.9
002-7061	MAINT. OF RESERVOIR-MATERIAL	.00	.00	500.00	500.00	.0
002-7062	MAINT. OF RESERVOIR-LABOR	185.31	1,464.44	3,000.00	1,535.56	48.8
002-7080	MISC. PRODUCTION EXPENSES	.00	.00	1,000.00	1,000.00	.0
002-7081	MAINT. OF PUMP EQUIP.-MATERIAL	.00	1,784.90	4,500.00	2,715.10	39.7
002-7083	MAINT. OF PUMP EQUIP.-LABOR	228.67	1,814.23	4,500.00	2,685.77	40.3
002-7091	MAINT. OF TREAT PLANT-MATERIAL	26.85	119.23	6,000.00	5,880.77	2.0
002-7092	MAINT. OF TREAT PLANT- LABOR	31.88	1,928.33	6,000.00	4,071.67	32.1
002-7100	POWER FOR PUMPING	12,369.80	87,018.72	110,000.00	22,981.28	79.1
002-7121	PUMPHOUSE & EQUIP MAINT-MTRL	365.34	725.07	100.00	(625.07)	725.1
002-7122	PUMPHOUSE & EQUIP MAINT-LABOR	.00	.00	100.00	100.00	.0
002-7201	MAINT.-TREAT PLANT EQUIP. MTRL	94.85	4,055.97	5,000.00	944.03	81.1
002-7202	MAINT.-TREAT PLANT EQUIP-LABOR	31.88	4,666.70	5,500.00	833.30	84.9
002-7220	BLDG & GRD MAINT.	.00	71.41	1,000.00	928.59	7.1
002-7281	LABORATORY-ANALYTICAL SERVICES	1,209.75	3,862.93	5,500.00	1,637.07	70.2
002-8000	BUILDING MAINT-MATERIAL	38.17	370.45	25,000.00	24,629.55	1.5
002-8001	BUILDING MAINT-LABOR	425.19	1,793.92	3,000.00	1,206.08	59.8
002-8010	WATER LABOR	3,204.59	64,215.29	63,000.00	(1,215.29)	101.9
002-8021	MAINT OF WATER MAINS	2,179.96	11,939.45	8,000.00	(3,939.45)	149.2
002-8031	MAINT OF SERVICES MATERIAL	584.97	8,794.85	3,000.00	(5,794.85)	293.2
002-8061	MAINT FIRE HYDNTS MATERIAL	1,471.84	2,881.32	3,000.00	118.68	96.0
002-8090	METER MAINT.- MATERIAL	601.45	30,147.97	5,000.00	(25,147.97)	603.0
002-8091	METER MAINT. - LABOR	122.46	1,568.26	2,500.00	931.74	62.7
002-8100	MAINT OF EQUIP MATERIAL	45.34	467.19	1,000.00	532.81	46.7
002-8102	MAINT. MISC. EQUIP. - LABOR	693.27	3,036.41	6,000.00	2,963.59	50.6
002-8130	RESOLD MATERIAL	.00	.00	1,000.00	1,000.00	.0
002-8131	RESOLD LABOR	.00	521.04	1,000.00	478.96	52.1
002-8150	MISC. MAPS & RECORDS	.00	.00	1,000.00	1,000.00	.0
002-8230	JANITORIAL	.00	125.27	350.00	224.73	35.8
002-8231	JANITORIAL LABOR	288.72	2,313.12	4,750.00	2,436.88	48.7
002-8460	VEHICLE EXPENSE	680.95	10,311.88	10,000.00	(311.88)	103.1
002-8461	VEHICLE EXPENSE - LABOR	122.68	1,838.40	2,000.00	161.60	91.9
002-8480	MEETING/TRAINING	.00	1,337.93	1,000.00	(337.93)	133.8
002-8481	MEETING & TRAINING - LABOR	.00	.00	2,000.00	2,000.00	.0
002-8500	MISC. OPERATION	70.38	1,524.85	2,000.00	475.15	76.2
002-8600	VACATION, SICK, HOLIDAY PAY	2,271.96	51,489.17	50,000.00	(1,489.17)	103.0
002-9401	SALARIES - MEDIA	295.92	3,248.50	3,750.00	501.50	86.6
002-9408	SALARIES - TECHNOLOGY	1,182.96	12,606.83	13,000.00	393.17	97.0
002-9410	SALARIES - ADMINISTRATIVE	1,888.04	26,123.11	55,000.00	28,876.89	47.5
002-9440	GENERAL OFFICE SALARIES	17,584.05	104,024.87	120,000.00	15,975.13	86.7
002-9460	MAYOR, COUNCIL, CLERK SALARIES	1,303.98	17,902.48	25,000.00	7,097.52	71.6
002-9570	METER READING - LABOR	1,440.07	16,438.19	14,500.00	(1,938.19)	113.4
002-9581	CUSTOMER SERVICES - LABOR	2,077.42	22,165.78	28,000.00	5,834.22	79.2
002-9590	RETIREMENT CONTRIBUTIONS	1,881.18	21,236.45	30,000.00	8,763.55	70.8
002-9600	VACATION, SICK, HOLIDAY PAY	.00	1,700.73	.00	(1,700.73)	.0
002-9610	SOCIAL SECURITY TAX	2,514.79	25,738.62	35,000.00	9,261.38	73.5
002-9620	MEDICAL & LIFE INSURANCE	7,065.73	64,857.58	99,000.00	34,142.42	65.5
002-9623	HR CONSULTING FEES	.00	456.13	.00	(456.13)	.0
002-9630	WORKMANS COMP	268.68	4,799.50	.00	(4,799.50)	.0
002-9640	UNIFORMS	1.80	622.31	800.00	177.69	77.8
002-9650	POSTAGE	146.66	5,039.87	6,500.00	1,460.13	77.5

WATER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
002-9660	TELEPHONE	264.63	2,179.28	2,000.00	(179.28)	109.0
002-9670	MISC. GENERAL	30.00	30.00	500.00	470.00	6.0
002-9680	OFFICE RENTAL	824.00	4,120.00	5,000.00	880.00	82.4
002-9690	EASEMENTS, LICENSES	344.67	1,726.40	2,000.00	273.60	86.3
002-9720	INSURANCE	2,764.35	27,643.50	31,500.00	3,856.50	87.8
002-9730	CUSTOMER SERVICES - MATERIAL	48.78	465.70	1,000.00	534.30	46.6
002-9740	OFFICE EQUIP REPAIR & CONTRACT	403.02	1,140.29	1,000.00	(140.29)	114.0
002-9760	MEETING & TRAINING	966.00	4,430.10	1,500.00	(2,930.10)	295.3
002-9780	DUES & MEMBERSHIPS	678.00	1,124.25	2,000.00	875.75	56.2
002-9820	AUDIT EXPENSE	.00	1,000.00	2,500.00	1,500.00	40.0
002-9840	ENG., ARCH., ABSTRACT, MEDICAL	.00	1,551.25	10,000.00	8,448.75	15.5
002-9860	LEGAL SERVICE	5,020.70	10,257.61	.00	(10,257.61)	.0
002-9880	PUBLICATIONS, LEGAL	741.00	978.90	1,000.00	21.10	97.9
002-9900	OFFICE SUPPLIES	823.36	5,117.74	4,000.00	(1,117.74)	127.9
002-9910	SOFTWARE & UPGRADES	896.25	12,249.08	12,000.00	(249.08)	102.1
002-9915	COMPUTERS & EQUIPMENT	207.19	2,151.81	2,500.00	348.19	86.1
002-9920	MAPPING & RECORDS	32.99	4,295.34	10,000.00	5,704.66	43.0
002-9926	ONLINE PAYMENT FEES	820.28	8,016.27	9,000.00	983.73	89.1
002-9955	DEPRECIATION	.00	.00	122,250.00	122,250.00	.0
002-9980	ANSWERING SERVICE	13.10	156.05	200.00	43.95	78.0
002-9990	RADIO & COMMUNICATIONS REPAIR	254.00	254.00	.00	(254.00)	.0
	TOTAL EXPENDITURES	81,763.44	733,742.00	1,026,300.00	292,558.00	71.5
	TOTAL FUND EXPENDITURES	81,763.44	733,742.00	1,026,300.00	292,558.00	71.5
	NET REVENUE OVER EXPENDITURES	15,005.42	169,565.57	.00	(169,565.57)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

SEWER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
003-4103	CITY SALES	349.86	3,438.39	5,000.00	1,561.61	68.8
003-4104	FORFEITED DISCOUNTS	970.71	9,109.55	5,000.00	(4,109.55)	182.2
003-4106	DOMESTIC BILLING	98,540.59	967,590.69	1,050,000.00	82,409.31	92.2
003-4107	COMMERCIAL BILLING	18,309.69	182,694.40	250,000.00	67,305.60	73.1
003-4108	INDUSTRIAL BILLING	30,000.00	354,829.18	360,000.00	5,170.82	98.6
003-4510	GARBAGE COLLECTION FEE	732.16	3,466.08	4,300.00	833.92	80.6
003-4630	FARM INCOME	.00	7,650.00	3,800.00	(3,850.00)	201.3
003-4903	INTEREST INCOME	28.85	273.08	500.00	226.92	54.6
003-4911	RESOLD LABOR/MATERIALS	.00	.00	300.00	300.00	.0
003-4913	LEASE - LAND, BLDG., TOWER	.00	.00	7,650.00	7,650.00	.0
	TOTAL REVENUES	148,931.86	1,529,051.37	1,686,550.00	157,498.63	90.7
	TOTAL FUND REVENUE	148,931.86	1,529,051.37	1,686,550.00	157,498.63	90.7

SEWER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
003-7020	OPERATION LABOR	12,015.26	124,158.88	200,000.00	75,841.12	62.1
003-7031	SLUDGE PROCESS	.00	5,181.98	30,000.00	24,818.02	17.3
003-7082	MISC. TREATMENT PLANT EXPENSE	.00	2,971.20	2,500.00	(471.20)	118.9
003-7091	MAINT. OF TREAT PLANT-MATERIAL	.00	2,007.45	2,500.00	492.55	80.3
003-7092	MAINT. OF TREAT PLANT- LABOR	.00	.00	500.00	500.00	.0
003-7201	MAINT.-TREAT PLANT EQUIP. MTRL	653.87	42,371.75	15,000.00	(27,371.75)	282.5
003-7202	MAINT.-TREAT PLANT EQUIP-LABOR	1,314.31	14,533.99	12,000.00	(2,533.99)	121.1
003-7220	BLDG & GRD MAINT.	44.99	1,111.79	6,500.00	5,388.21	17.1
003-7230	JANITORIAL SUPPLIES	65.14	404.50	350.00	(54.50)	115.6
003-7282	LAB	2,317.57	28,831.27	35,000.00	6,168.73	82.4
003-7283	LAB - LABOR	3,190.94	28,272.22	17,500.00	(10,772.22)	161.6
003-7460	VEHICLE	.00	.00	1,000.00	1,000.00	.0
003-7470	MEETING & TRAINING	.00	150.00	1,000.00	850.00	15.0
003-7530	UTILITIES	11,899.26	121,822.17	160,000.00	38,177.83	76.1
003-7600	VACATION, SICK, HOLIDAY PAY	1,866.41	27,904.93	21,000.00	(6,904.93)	132.9
003-7630	FARM EXPENSE	.00	6,563.48	8,000.00	1,436.52	82.0
003-8021	MAINTENANCE OF MAINS MATERIAL	.00	5,009.42	500.00	(4,509.42)	1001.9
003-8022	MAINT. OF MAINS - LABOR	2,604.24	17,180.33	17,500.00	319.67	98.2
003-8032	MAINT. OF LATERALS - LABOR	.00	1,987.82	2,000.00	12.18	99.4
003-8062	MAINT. OF LIFT STATION - LABOR	911.23	3,030.45	4,500.00	1,469.55	67.3
003-8101	MAINT OF SEWER LINE EQUIP	5.99	279.38	2,000.00	1,720.62	14.0
003-8231	JANITORIAL LABOR	256.84	2,045.44	3,000.00	954.56	68.2
003-8460	VEHICLE EXPENSE	270.11	2,522.13	2,500.00	(22.13)	100.9
003-8461	VEHICLE EXPENSE - LABOR	.00	390.94	750.00	359.06	52.1
003-8480	MEETING/TRAINING	.00	634.00	1,000.00	366.00	63.4
003-8500	MISC. OPERATION	11.09	326.23	2,000.00	1,673.77	16.3
003-9401	SALARIES - MEDIA	295.92	3,248.50	3,750.00	501.50	86.6
003-9408	SALARIES - TECHNOLOGY	1,182.96	12,606.83	13,000.00	393.17	97.0
003-9410	SALARIES - ADMINISTRATIVE	1,888.04	26,123.11	45,000.00	18,876.89	58.1
003-9440	GENERAL OFFICE SALARIES	5,318.68	43,499.08	60,000.00	16,500.92	72.5
003-9460	MAYOR, COUNCIL, CLERK SALARIES	1,303.98	17,902.48	25,000.00	7,097.52	71.6
003-9570	METER READING - LABOR	.00	1,882.39	4,000.00	2,117.61	47.1
003-9590	RETIREMENT CONTRIBUTIONS	1,279.64	17,932.51	24,500.00	6,567.49	73.2
003-9610	SOCIAL SECURITY TAX	2,356.77	23,536.14	27,500.00	3,963.86	85.6
003-9620	MEDICAL & LIFE INSURANCE	6,654.54	56,403.07	80,000.00	23,596.93	70.5
003-9623	HR CONSULTING FEES	.00	394.34	.00	(394.34)	.0
003-9630	WORKMANS COMP	358.35	4,256.55	.00	(4,256.55)	.0
003-9640	UNIFORMS	295.75	3,484.22	4,000.00	515.78	87.1
003-9650	POSTAGE	190.82	5,238.56	6,500.00	1,261.44	80.6
003-9660	TELEPHONE	264.09	2,361.33	2,250.00	(111.33)	105.0
003-9680	OFFICE RENTAL	530.00	2,650.00	3,500.00	850.00	75.7
003-9690	EASEMENTS, LICENSES	344.67	2,294.67	3,000.00	705.33	76.5
003-9720	INSURANCE	4,334.99	44,669.90	48,500.00	3,830.10	92.1
003-9740	OFFICE EQUIP REPAIR & CONTRACT	401.08	1,087.48	1,000.00	(87.48)	108.8
003-9760	MEETING & TRAINING	632.70	3,657.02	3,000.00	(657.02)	121.9
003-9820	AUDIT EXPENSE	.00	1,000.00	2,500.00	1,500.00	40.0
003-9840	ENG., ARCH., ABSTRACT, MEDICAL	102.27	19,429.55	7,500.00	(11,929.55)	259.1
003-9860	LEGAL SERVICE	4,992.20	10,345.47	.00	(10,345.47)	.0
003-9880	PUBLICATIONS, LEGAL	.00	109.07	.00	(109.07)	.0
003-9900	OFFICE SUPPLIES	736.57	4,715.12	3,000.00	(1,715.12)	157.2
003-9910	SOFTWARE & UPGRADES	715.50	10,398.39	10,500.00	101.61	99.0
003-9915	COMPUTERS & EQUIPMENT	2.63	1,795.13	5,000.00	3,204.87	35.9

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

SEWER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
003-9920	MAPPING & RECORDS	20.69	3,963.90	10,000.00	6,036.10	39.6
003-9926	ONLINE PAYMENT FEES	798.00	7,824.47	9,000.00	1,175.53	86.9
003-9955	DEPRECIATION	.00	.00	43,155.00	43,155.00	.0
003-9970	DEBT EXPENSE AMORTIZATION	.00	568,664.22	571,670.85	3,006.63	99.5
003-9971	BOND INTEREST	.00	123,970.78	120,964.15	(3,006.63)	102.5
003-9980	ANSWERING SERVICE	13.10	153.88	160.00	6.12	96.2
003-9990	RADIO & COMMUNICATIONS REPAIR	254.00	254.00	.00	(254.00)	.0
	TOTAL EXPENDITURES	72,695.19	1,465,543.91	1,686,550.00	221,006.09	86.9
	TOTAL FUND EXPENDITURES	72,695.19	1,465,543.91	1,686,550.00	221,006.09	86.9
	NET REVENUE OVER EXPENDITURES	76,236.67	63,507.46	.00	(63,507.46)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

AIRPORT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
050-4001	PROPERTY TAX - BONDS	.04	1,544.53	.00	(1,544.53)	.0
050-4007	MOTOR VEHICLE PRO-RATE	.00	7.83	.00	(7.83)	.0
050-4051	CONTRACT INCOME	323.31	4,746.20	.00	(4,746.20)	.0
050-4102	GAS & DIESEL FUEL SALES	880.90	816.96	.00	(816.96)	.0
050-4107	GS SALES	250.07	4,985.35	10,000.00	5,014.65	49.9
050-4215	PROPANE SALES	.00	(410.69)	.00	410.69	.0
050-4809	LB 1091 FUNDS	.00	15,069.24	.00	(15,069.24)	.0
050-4904	MISCELANEOUS INCOME	20.80	875.14	.00	(875.14)	.0
050-4909	HANGAR RENT	17,880.00	92,640.00	100,000.00	7,360.00	92.6
050-4913	LEASE - LAND, BLDG., TOWER	50.00	17,673.99	22,000.00	4,326.01	80.3
	TOTAL REVENUES	19,405.12	137,948.55	132,000.00	(5,948.55)	104.5
	TOTAL FUND REVENUE	19,405.12	137,948.55	132,000.00	(5,948.55)	104.5
	{EXPENDITURES}					
050-5220	TELEPHONE	.00	.00	1,400.00	1,400.00	.0
050-5330	BUILDING & GROUNDS MAINT.	6,931.14	40,210.65	33,600.00	(6,610.65)	119.7
050-5390	PRINTING, PUBLICATIONS, LEGALS	12.22	128.06	500.00	371.94	25.6
050-5400	DUES & MEMBERSHIP	.00	250.00	.00	(250.00)	.0
050-5791	VEHICLE/EQUIPMENT REPAIRS	1,470.18	2,274.07	5,000.00	2,725.93	45.5
050-5800	VEHICLE/EQUIPMENT FUEL	.00	1,187.50	2,000.00	812.50	59.4
050-6020	MISC. SUPPLIES	.00	861.55	500.00	(361.55)	172.3
050-6199	MANAGER CONTRACT	.00	23,333.38	50,000.00	26,666.62	46.7
050-7530	UTILITIES	1,020.70	16,665.40	20,000.00	3,334.60	83.3
050-9720	INSURANCE	.00	18,565.81	18,000.00	(565.81)	103.1
050-9820	AUDIT EXPENSE	.00	1,000.00	1,000.00	.00	100.0
	TOTAL EXPENDITURES	9,434.24	104,476.42	132,000.00	27,523.58	79.2
	TOTAL FUND EXPENDITURES	9,434.24	104,476.42	132,000.00	27,523.58	79.2
	NET REVENUE OVER EXPENDITURES	9,970.88	33,472.13	.00	(33,472.13)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

GENERAL FUNDS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
101-4001	PROPERTY TAX	12,842.70	805,960.14	1,250,000.00	444,039.86	64.5
101-4002	HOMESTEAD ALLOCATION	6,422.86	32,114.30	40,500.00	8,385.70	79.3
101-4003	STATE EQUALIZATION	.00	621,728.15	748,700.00	126,971.85	83.0
101-4004	SURPLUS CONTRIBUTION	58,334.00	291,670.00	350,000.00	58,330.00	83.3
101-4006	MOTOR VEHICLE TAX - OPR	11,917.05	95,635.82	120,000.00	24,364.18	79.7
101-4007	MOTOR VEHICLE PRO-RATE	832.13	3,318.12	3,850.00	531.88	86.2
101-4008	AMUSEMENT REGISTRATION	.00	40.00	.00	(40.00)	.0
101-4010	OCCUPATION TAX	86,304.23	173,244.36	40,000.00	(133,244.36)	433.1
101-4011	OCCUPATION TAX - HOTEL	10,922.28	65,399.28	85,000.00	19,600.72	76.9
101-4012	FRANCHISE	20,000.00	142,083.43	265,000.00	122,916.57	53.6
101-4013	BUSINESS REGISTRATION	20.00	5,036.00	5,000.00	(36.00)	100.7
101-4015	PERMITS	2,459.31	32,676.95	46,500.00	13,823.05	70.3
101-4019	TOBACCO & LIQUOR LICENSES	.00	4,720.00	.00	(4,720.00)	.0
101-4020	AQUA LICENSE	.00	9.97	.00	(9.97)	.0
101-4900	TRANSFERS IN	4,316.00	43,160.00	52,000.00	8,840.00	83.0
101-4903	INTEREST INCOME	19,522.03	29,236.25	475.00	(28,761.25)	6155.0
101-4904	MISC. INCOME	3,882.05	4,276.22	1,500.00	(2,776.22)	285.1
101-4906	DONATIONS	.00	.00	5,000.00	5,000.00	.0
101-4916	RENTAL (EQUIP/LABOR)	.00	129.91	.00	(129.91)	.0
101-4919	SALES TAX TRANSFER	107,615.66	995,729.74	1,105,000.00	109,270.26	90.1
101-4921	LB840 ADMIN FEES	538.08	4,978.66	5,500.00	521.34	90.5
	TOTAL REVENUES	345,928.38	3,351,147.30	4,124,025.00	772,877.70	81.3
	TOTAL FUND REVENUE	345,928.38	3,351,147.30	4,124,025.00	772,877.70	81.3

GENERAL FUNDS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
101-5163	HR CONSULTING FEES	38.00	641.19	.00	(641.19)	.0
101-5330	BUILDING & GROUNDS MAINT.	.00	.00	1,000.00	1,000.00	.0
101-5381	CIVIL SERVICE COMMISSION	.00	41.45	1,000.00	958.55	4.2
101-5384	CONTRACT NEGOTIATIONS	9,125.00	9,125.00	.00	(9,125.00)	.0
101-5390	PRINTING, PUBLICATIONS, LEGALS	671.05	6,378.12	5,000.00	(1,378.12)	127.6
101-5400	DUES & MEMBERSHIPS	.00	1,085.00	15,000.00	13,915.00	7.2
101-5420	COURT COSTS	100.00	147.00	500.00	353.00	29.4
101-5452	INPSECTION EXPENSE	274.94	991.21	2,000.00	1,008.79	49.6
101-5469	CITY COUNCIL TRAINING	.00	3,022.00	2,000.00	(1,022.00)	151.1
101-5473	NUISANCE PROPERTIES	.00	13,550.00	.00	(13,550.00)	.0
101-5480	PLANNING COMMISSION	9,044.00	81,976.42	100,000.00	18,023.58	82.0
101-5490	EMERGENCY MANAGEMENT	74.77	746.67	1,000.00	253.33	74.7
101-5750	SERVICE/CONTRACT AGREEMENTS	.00	3,500.00	8,000.00	4,500.00	43.8
101-5790	COMPUTER NETWORK EXPENSE	405.00	405.00	1,000.00	595.00	40.5
101-5969	ELECTION EXPENSE	.00	1,307.85	2,000.00	692.15	65.4
101-6020	MISC. SUPPLIES	.00	.00	1,000.00	1,000.00	.0
101-6050	COMPUTER EXPENSES	1,073.16	42,622.77	25,000.00	(17,622.77)	170.5
101-6200	TRANSFER OUT	281,923.00	2,819,230.00	3,383,075.00	563,845.00	83.3
101-6201	COMMUNITY DEVELOPMENT	1,144.80	2,714.81	10,000.00	7,285.19	27.2
101-6202	SALINE CO. AREA TRANSIT	.00	25,630.00	26,000.00	370.00	98.6
101-6206	SENIOR CITIZEN PROGRAMS	.00	8,007.00	8,000.00	(7.00)	100.1
101-6208	COMMUNITY ASSISTANCE PROGRAMS	.00	.00	5,000.00	5,000.00	.0
101-6484	SECURITY	2,662.80	2,685.90	.00	(2,685.90)	.0
101-6999	OPERATING RESERVE	.00	.00	7,000.00	7,000.00	.0
101-7530	UTILITIES	370.83	3,072.14	5,000.00	1,927.86	61.4
101-8231	JANITORIAL SUPPLIES	.00	463.48	.00	(463.48)	.0
101-8500	MISC. OPERATING	214.27	3,491.16	1,500.00	(1,991.16)	232.7
101-9401	SALARIES - MEDIA	369.90	4,060.62	5,200.00	1,139.38	78.1
101-9405	SALARIES - OPERATIONAL	15,564.64	146,515.64	175,000.00	28,484.36	83.7
101-9408	SALARIES - TECHNOLOGY	6,022.52	64,181.00	75,000.00	10,819.00	85.6
101-9450	SALARIES - BUILDING INSPECTOR	5,530.12	60,680.34	80,000.00	19,319.66	75.9
101-9590	RETIREMENT CONTRIBUTIONS	1,383.58	16,149.57	20,500.00	4,350.43	78.8
101-9610	SOCIAL SECURITY TAX	2,027.44	20,321.71	25,000.00	4,678.29	81.3
101-9620	MEDICAL & LIFE INSURANCE	4,490.48	40,635.52	58,000.00	17,364.48	70.1
101-9630	WORKMANS COMP	216.30	2,285.29	.00	(2,285.29)	.0
101-9650	POSTAGE	(6.31)	1,805.92	3,000.00	1,194.08	60.2
101-9680	OFFICE RENTAL	375.00	1,875.00	2,250.00	375.00	83.3
101-9720	INSURANCE	.00	28,038.70	29,500.00	1,461.30	95.1
101-9725	EMPLOYEE BOND	.00	40.00	.00	(40.00)	.0
101-9740	COPIER EXPENSE	438.39	1,925.15	2,000.00	74.85	96.3
101-9760	MEETING & TRAINING	1,406.09	10,235.42	10,000.00	(235.42)	102.4
101-9820	AUDIT EXPENSE	.00	12,550.00	10,000.00	(2,550.00)	125.5
101-9860	PROFESSIONAL SERVICES	29,093.80	64,740.86	5,000.00	(59,740.86)	1294.8
101-9900	OFFICE SUPPLIES	122.95	3,708.72	3,400.00	(308.72)	109.1
101-9920	MAPPING & RECORDS	.00	5,443.71	10,000.00	4,556.29	54.4
101-9926	ONLINE PAYMENT FEES	5.00	335.49	100.00	(235.49)	335.5
	TOTAL EXPENDITURES	374,161.52	3,516,362.83	4,124,025.00	607,662.17	85.3

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

GENERAL FUNDS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	374,161.52	3,516,362.83	4,124,025.00	607,662.17	85.3
NET REVENUE OVER EXPENDITURES	(28,233.14)	(165,215.53)	.00	165,215.53	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

SALES TAX

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
102-4005	CITY SALES TAX	215,231.31	1,991,459.46	2,200,000.00	208,540.54	90.5
102-4903	INTEREST INCOME	16.84	175.05	.00	(175.05)	.0
	TOTAL REVENUES	215,248.15	1,991,634.51	2,200,000.00	208,365.49	90.5
	TOTAL FUND REVENUE	215,248.15	1,991,634.51	2,200,000.00	208,365.49	90.5
	{EXPENDITURES}					
102-6200	TRANSFER OUT	215,231.31	1,991,459.46	2,200,000.00	208,540.54	90.5
	TOTAL EXPENDITURES	215,231.31	1,991,459.46	2,200,000.00	208,540.54	90.5
	TOTAL FUND EXPENDITURES	215,231.31	1,991,459.46	2,200,000.00	208,540.54	90.5
	NET REVENUE OVER EXPENDITURES	16.84	175.05	.00	(175.05)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

KENO

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
103-4017	KENO INCOME	6,770.10	96,799.16	120,000.00	23,200.84	80.7
103-4900	TRANSFERS IN	.00	.00	131,000.00	131,000.00	.0
103-4903	INTEREST INCOME	5.51	49.31	.00	(49.31)	.0
	TOTAL REVENUES	6,775.61	96,848.47	251,000.00	154,151.53	38.6
	TOTAL FUND REVENUE	6,775.61	96,848.47	251,000.00	154,151.53	38.6
	{EXPENDITURES}					
103-5251	TAX, AUDIT, LICENSE	9,210.00	47,174.00	51,000.00	3,826.00	92.5
103-6201	COMMUNITY DEVELOPMENT	.00	.00	200,000.00	200,000.00	.0
	TOTAL EXPENDITURES	9,210.00	47,174.00	251,000.00	203,826.00	18.8
	TOTAL FUND EXPENDITURES	9,210.00	47,174.00	251,000.00	203,826.00	18.8
	NET REVENUE OVER EXPENDITURES	(2,434.39)	49,674.47	.00	(49,674.47)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

BONDS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
150-4001	PROPERTY TAX	2,055.94	129,453.12	200,000.00	70,546.88	64.7
150-4002	HOMESTEAD ALLOCATION	1,027.66	5,138.30	6,000.00	861.70	85.6
150-4007	MOTOR VEHICLE PRO-RATE	133.14	536.35	300.00	(236.35)	178.8
150-4900	TRANSFERS IN	.00	.00	50,000.00	50,000.00	.0
150-4903	INTEREST INCOME	.00	303.94	50.00	(253.94)	607.9
150-4915	SPECIAL ASSESSMENTS	.00	8,236.12	20,150.00	11,913.88	40.9
150-4919	SALES TAX TRANSFER	43,307.83	392,864.86	252,000.00	(140,864.86)	155.9
	TOTAL REVENUES	46,524.57	536,532.69	528,500.00	(8,032.69)	101.5
	TOTAL FUND REVENUE	46,524.57	536,532.69	528,500.00	(8,032.69)	101.5
	{EXPENDITURES}					
150-9860	PROFESSIONAL SERVICES	.00	1,224.00	.00	(1,224.00)	.0
150-9970	DEBT EXPENSE AMORTIZATION	.00	390,000.00	390,000.00	.00	100.0
150-9971	BOND INTEREST	.00	133,250.00	138,500.00	5,250.00	96.2
	TOTAL EXPENDITURES	.00	524,474.00	528,500.00	4,026.00	99.2
	TOTAL FUND EXPENDITURES	.00	524,474.00	528,500.00	4,026.00	99.2
	NET REVENUE OVER EXPENDITURES	46,524.57	12,058.69	.00	(12,058.69)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

INSURANCE CONTINGENCY

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
171-4900	TRANSFERS IN	.00	.00	100,000.00	100,000.00	.0
171-4904	MISC. INCOME	.00	7,349.40	.00	(7,349.40)	.0
	TOTAL REVENUES	.00	7,349.40	100,000.00	92,650.60	7.4
	TOTAL FUND REVENUE	.00	7,349.40	100,000.00	92,650.60	7.4
	{EXPENDITURES}					
171-6141	RESERVE & PAYOUTS	.00	8,815.14	100,000.00	91,184.86	8.8
	TOTAL EXPENDITURES	.00	8,815.14	100,000.00	91,184.86	8.8
	TOTAL FUND EXPENDITURES	.00	8,815.14	100,000.00	91,184.86	8.8
	NET REVENUE OVER EXPENDITURES	.00	(1,465.74)	.00	1,465.74	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CAPITAL RESERVE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
173-4067	STREET RESERVE	2,541.00	25,410.00	30,490.00	5,080.00	83.3
173-4900	TRANSFERS IN	.00	.00	15,250.00	15,250.00	.0
173-4903	INTEREST INCOME	38.75	346.94	.00	(346.94)	.0
173-4913	LEASE - LAND, BLDG., TOWER	750.00	7,500.00	9,000.00	1,500.00	83.3
	TOTAL REVENUES	3,329.75	33,256.94	54,740.00	21,483.06	60.8
	TOTAL FUND REVENUE	3,329.75	33,256.94	54,740.00	21,483.06	60.8
	{EXPENDITURES}					
173-6008	STREET RESERVE	.00	.00	30,490.00	30,490.00	.0
173-6009	POLICE TRANSFER	8,331.00	90,085.00	24,250.00	(65,835.00)	371.5
	TOTAL EXPENDITURES	8,331.00	90,085.00	54,740.00	(35,345.00)	164.6
	TOTAL FUND EXPENDITURES	8,331.00	90,085.00	54,740.00	(35,345.00)	164.6
	NET REVENUE OVER EXPENDITURES	(5,001.25)	(56,828.06)	.00	56,828.06	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

POLICE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
201-4000	GENERAL FUND TRANSFER	131,481.00	1,314,810.00	1,577,775.00	262,965.00	83.3
201-4021	SCHOOL SHARE OF COPS	.00	55,526.48	75,275.00	19,748.52	73.8
201-4022	PARKING FINES	250.00	4,200.00	.00	(4,200.00)	.0
201-4023	VEHICLE IMPOUND	547.00	7,709.74	4,400.00	(3,309.74)	175.2
201-4074	COPIER SERVICES	155.00	861.20	300.00	(561.20)	287.1
201-4800	GRANT PROCEEDS	4,978.15	25,060.25	14,000.00	(11,060.25)	179.0
201-4901	ABANDONED VEHICLE DISPOSAL	.00	.00	1,100.00	1,100.00	.0
201-4904	MISC. INCOME	40.00	3,615.72	200.00	(3,415.72)	1807.9
201-4905	RESERVE TRANSFER	2,021.00	20,210.00	25,000.00	4,790.00	80.8
201-4919	SALES TAX TRANSFER	10,500.00	105,000.00	126,000.00	21,000.00	83.3
	TOTAL REVENUES	149,972.15	1,536,993.39	1,824,050.00	287,056.61	84.3
	TOTAL FUND REVENUE	149,972.15	1,536,993.39	1,824,050.00	287,056.61	84.3

POLICE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
201-5120	RECRUITMENT	469.25	3,352.00	3,000.00	(352.00)	111.7
201-5163	HR CONSULTING FEES	.00	637.34	.00	(637.34)	.0
201-5180	WORKMANS COMP. INS.	.00	45,891.80	45,500.00	(391.80)	100.9
201-5215	GAS & ELECTRICITY	922.67	9,984.15	9,800.00	(184.15)	101.9
201-5220	TELEPHONE	1,538.67	18,298.69	14,500.00	(3,798.69)	126.2
201-5329	GENERAL MAINT. & REPAIR	1,435.20	10,756.08	13,900.00	3,143.92	77.4
201-5370	COMMUNITY POLICING	.00	597.69	2,600.00	2,002.31	23.0
201-5382	TRANSLATOR SERVICES	.00	80.00	200.00	120.00	40.0
201-5383	ARRESTEE MEDICAL	.00	.00	1,000.00	1,000.00	.0
201-5390	PRINTING, PUBLICATIONS, LEGALS	.00	603.81	2,660.00	2,056.19	22.7
201-5400	DUES & MEMBERSHIPS	.00	520.00	750.00	230.00	69.3
201-5540	COMPUTER SUPPLIES	.00	.00	900.00	900.00	.0
201-5610	FIRING RANGE EXPENSE	33.00	326.88	2,500.00	2,173.12	13.1
201-5630	UNIFORMS & ACCESSORIES	.00	170.00	.00	(170.00)	.0
201-5660	SPECIAL INVESTIGATIONS	615.91	6,589.33	5,285.00	(1,304.33)	124.7
201-5690	BOOKS, MAGAZINES, PERIODICALS	.00	348.60	650.00	301.40	53.6
201-5790	COMPUTER NETWORK EXPENSE	2,997.00	21,060.00	22,900.00	1,840.00	92.0
201-5791	VEHICLE/EQUIPMENT REPAIRS	1,169.81	9,087.02	11,500.00	2,412.98	79.0
201-5800	VEHICLE/EQUIPMENT FUEL	30.94	11,549.46	14,600.00	3,050.54	79.1
201-5801	VEHICLE/EQUIP. OIL & GREASE	.00	539.12	750.00	210.88	71.9
201-5810	TIRES & TIRE REPAIR	795.00	1,764.80	2,800.00	1,035.20	63.0
201-5812	VEHICLE TOWING & IMPOUNDMENT	363.00	8,466.00	6,500.00	(1,966.00)	130.3
201-6026	CAPITAL OUTLAY	9,454.00	94,540.00	113,445.00	18,905.00	83.3
201-6050	COMPUTER EXPENSES	55.00	14,708.60	16,320.00	1,611.40	90.1
201-6484	SECURITY	183.87	585.87	.00	(585.87)	.0
201-6998	FOP AMORTIZATION	.00	.00	20,500.00	20,500.00	.0
201-6999	OPERATING RESERVE	.00	.00	18,000.00	18,000.00	.0
201-8500	MISC. OPERATING	.00	464.33	800.00	335.67	58.0
201-9400	SALARIES - CUSTODIAL	513.65	4,096.88	6,050.00	1,953.12	67.7
201-9401	SALARIES - MEDIA	295.92	3,248.50	3,730.00	481.50	87.1
201-9405	SALARIES - OPERATIONAL	67,125.81	751,559.10	991,915.00	240,355.90	75.8
201-9418	SALARIES - INTERPRET	.00	715.34	600.00	(115.34)	119.2
201-9419	SALARIES - UNANTICIPATED OT	4,932.51	45,343.83	15,850.00	(29,493.83)	286.1
201-9423	SALARIES - HOLIDAY OT	1,840.75	22,038.43	35,400.00	13,361.57	62.3
201-9424	SALARIES - TRAFFIC GRANT OT	1,906.35	20,933.04	14,000.00	(6,933.04)	149.5
201-9425	COURT OT	417.25	2,813.70	1,960.00	(853.70)	143.6
201-9426	TRAINING OT	.00	3,723.33	3,000.00	(723.33)	124.1
201-9428	HS TASK FORCE OT	.00	1,577.81	.00	(1,577.81)	.0
201-9429	DEA TASK FORCE OT	.00	410.85	.00	(410.85)	.0
201-9590	RETIREMENT CONTRIBUTIONS	4,986.98	57,083.89	75,075.00	17,991.11	76.0
201-9610	SOCIAL SECURITY TAX	5,571.61	62,855.35	82,050.00	19,194.65	76.6
201-9620	MEDICAL & LIFE INSURANCE	16,752.18	162,364.16	228,000.00	65,635.84	71.2
201-9630	WORKMANS COMP	3,927.92	39,328.31	.00	(39,328.31)	.0
201-9650	POSTAGE	17.10	1,666.66	2,310.00	643.34	72.2
201-9720	INSURANCE	.00	14,086.15	17,000.00	2,913.85	82.9
201-9740	COPIER EXPENSE	209.37	1,364.05	2,250.00	885.95	60.6
201-9760	MEETING & TRAINING	803.88	8,161.15	7,500.00	(661.15)	108.8
201-9765	MILEAGE	.00	.00	200.00	200.00	.0
201-9860	PROFESSIONAL SERVICES	.00	99.10	.00	(99.10)	.0
201-9900	OFFICE SUPPLIES	338.19	1,808.17	2,300.00	491.83	78.6
201-9990	RADIO & COMMUNICATION REPAIR	.00	823.08	3,500.00	2,676.92	23.5

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

POLICE

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL EXPENDITURES	129,702.79	1,467,022.45	1,824,050.00	357,027.55	80.4
TOTAL FUND EXPENDITURES	129,702.79	1,467,022.45	1,824,050.00	357,027.55	80.4
NET REVENUE OVER EXPENDITURES	20,269.36	69,970.94	.00	(69,970.94)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

DISPATCH

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
202-4000	GENERAL FUND TRANSFER	24,270.00	242,700.00	291,245.00	48,545.00	83.3
202-4365	911 LINE SURCHARGE	1,515.00	12,650.00	15,000.00	2,350.00	84.3
	TOTAL REVENUES	25,785.00	255,350.00	306,245.00	50,895.00	83.4
	TOTAL FUND REVENUE	25,785.00	255,350.00	306,245.00	50,895.00	83.4
	{EXPENDITURES}					
202-5220	TELEPHONE	476.11	2,845.44	13,600.00	10,754.56	20.9
202-5367	NRIN	.00	.00	1,000.00	1,000.00	.0
202-6050	COMPUTER EXPENSES	.00	2,137.68	1,500.00	(637.68)	142.5
202-6999	OPERATING RESERVE	.00	.00	3,700.00	3,700.00	.0
202-9750	CONTRACTUAL	71,610.75	286,443.00	286,445.00	2.00	100.0
	TOTAL EXPENDITURES	72,086.86	291,426.12	306,245.00	14,818.88	95.2
	TOTAL FUND EXPENDITURES	72,086.86	291,426.12	306,245.00	14,818.88	95.2
	NET REVENUE OVER EXPENDITURES	(46,301.86)	(36,076.12)	.00	36,076.12	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CODE ENFORCEMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
203-4000	GENERAL FUND TRANSFER	5,930.00	59,300.00	71,155.00	11,855.00	83.3
203-4032	ANIMAL FINES & LICENSES	90.00	4,119.25	5,900.00	1,780.75	69.8
203-4034	STATE ANIMAL TAX FEE	.00	255.00	370.00	115.00	68.9
203-4035	IMPOUND FEES	40.00	670.00	1,335.00	665.00	50.2
203-4036	VETERINARY FEES REFUNDED	127.93	1,095.54	1,435.00	339.46	76.3
203-4904	MISC. INCOME	91.38	301.40	.00	(301.40)	.0
	TOTAL REVENUES	6,279.31	65,741.19	80,195.00	14,453.81	82.0
	TOTAL FUND REVENUE	6,279.31	65,741.19	80,195.00	14,453.81	82.0
	{EXPENDITURES}					
203-5345	BOARDING & DISPOSAL	817.38	3,536.34	5,500.00	1,963.66	64.3
203-5791	VEHICLE/EQUIPMENT REPAIRS	.00	.00	500.00	500.00	.0
203-5800	VEHICLE/EQUIPMENT FUEL	.00	789.38	1,200.00	410.62	65.8
203-5810	TIRES & TIRE REPAIR	.00	.00	600.00	600.00	.0
203-6050	COMPUTER EXPENSE	.00	4,560.00	4,560.00	.00	100.0
203-6999	OPERATING RESERVE	.00	.00	800.00	800.00	.0
203-9405	SALARIES - OPERATIONAL	2,405.33	24,633.75	45,430.00	20,796.25	54.2
203-9590	RETIREMENT CONTRIBUTIONS	.00	.00	500.00	500.00	.0
203-9610	SOCIAL SECURITY TAX	169.78	1,775.50	3,475.00	1,699.50	51.1
203-9620	MEDICAL & LIFE INSURANCE	874.69	7,775.52	16,000.00	8,224.48	48.6
203-9630	WORKMANS COMP	68.04	613.77	.00	(613.77)	.0
203-9720	INSURANCE	.00	1,168.07	1,500.00	331.93	77.9
203-9900	OFFICE SUPPLIES	.00	29.86	.00	(29.86)	.0
203-9980	ANSWERING SERVICE	10.48	123.10	130.00	6.90	94.7
	TOTAL EXPENDITURES	4,345.70	45,005.29	80,195.00	35,189.71	56.1
	TOTAL FUND EXPENDITURES	4,345.70	45,005.29	80,195.00	35,189.71	56.1
	NET REVENUE OVER EXPENDITURES	1,933.61	20,735.90	.00	(20,735.90)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

STOP FUNDS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
204-4900	TRANSFERS IN	.00	.00	1,985.00	1,985.00	.0
204-4904	MISC. INCOME	.00	300.00	.00	(300.00)	.0
	TOTAL REVENUES	.00	300.00	1,985.00	1,685.00	15.1
	TOTAL FUND REVENUE	.00	300.00	1,985.00	1,685.00	15.1
	{EXPENDITURES}					
204-5974	STOP DISBURSEMENTS	.00	.00	1,985.00	1,985.00	.0
	TOTAL EXPENDITURES	.00	.00	1,985.00	1,985.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	1,985.00	1,985.00	.0
	NET REVENUE OVER EXPENDITURES	.00	300.00	.00	(300.00)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

POLICE K9 UNIT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
205-4000	GENERAL FUND TRANSFER	208.00	2,080.00	2,500.00	420.00	83.2
205-4900	TRANSFERS IN	6,310.00	63,100.00	75,715.00	12,615.00	83.3
205-4906	DONATIONS	.00	4,707.53	4,000.00	(707.53)	117.7
	TOTAL REVENUES	6,518.00	69,887.53	82,215.00	12,327.47	85.0
	TOTAL FUND REVENUE	6,518.00	69,887.53	82,215.00	12,327.47	85.0
	{EXPENDITURES}					
205-5370	COMMUNITY ENGAGEMENT	.00	.00	2,000.00	2,000.00	.0
205-6026	CAPITAL OUTLAY	6,385.00	64,859.31	75,715.00	10,855.69	85.7
205-6999	OPERATING RESERVE	.00	.00	800.00	800.00	.0
205-7235	FOOD & SUPPLIES	.00	15.04	800.00	784.96	1.9
205-8500	MISC EXPENSE	.00	.00	400.00	400.00	.0
205-9625	VETERINARY CARE	.00	.00	1,100.00	1,100.00	.0
205-9760	MEETING & TRAINING	.00	.00	1,400.00	1,400.00	.0
	TOTAL EXPENDITURES	6,385.00	64,874.35	82,215.00	17,340.65	78.9
	TOTAL FUND EXPENDITURES	6,385.00	64,874.35	82,215.00	17,340.65	78.9
	NET REVENUE OVER EXPENDITURES	133.00	5,013.18	.00	(5,013.18)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

FIRE OPERATIONS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
301-4000	GENERAL FUND TRANSFER	1,667.00	16,670.00	20,000.00	3,330.00	83.4
301-4051	RURAL FIRE CONTRACTS	22,000.00	44,000.00	30,000.00	(14,000.00)	146.7
301-4900	TRANSFERS IN	9,792.00	97,920.00	106,450.00	8,530.00	92.0
301-4904	MISC. INCOME	.00	7,666.49	.00	(7,666.49)	.0
	TOTAL REVENUES	33,459.00	166,256.49	156,450.00	(9,806.49)	106.3
	TOTAL FUND REVENUE	33,459.00	166,256.49	156,450.00	(9,806.49)	106.3
	{EXPENDITURES}					
301-5163	HR CONSULTING FEES	.00	219.00	.00	(219.00)	.0
301-5330	BUILDING & GROUNDS MAINT.	1,717.28	6,602.19	5,000.00	(1,602.19)	132.0
301-5336	TRAINING GROUNDS	.00	.00	1,000.00	1,000.00	.0
301-5340	OUTSIDE SERVICES	.00	2,096.00	800.00	(1,296.00)	262.0
301-5390	PRINTING, PUBLICATIONS, LEGALS	11.35	127.23	500.00	372.77	25.5
301-5400	DUES & MEMBERSHIPS	.00	300.00	1,000.00	700.00	30.0
301-5495	FIRE PREVENTION	.00	134.57	500.00	365.43	26.9
301-5500	RETENTION	.00	.00	1,000.00	1,000.00	.0
301-5541	JANITORIAL SUPPLIES	.00	309.53	500.00	190.47	61.9
301-5690	BOOKS, MAGAZINES, PERIODICALS	.00	974.00	.00	(974.00)	.0
301-5790	COMPUTER NETWORK EXPENSE	1,063.00	6,985.00	7,900.00	915.00	88.4
301-5791	VEHICLE/EQUIPMENT REPAIRS	34.95	11,510.79	10,000.00	(1,510.79)	115.1
301-5800	VEHICLE/EQUIPMENT FUEL	38.48	6,262.21	5,000.00	(1,262.21)	125.2
301-5810	TIRES & TIRE REPAIR	.00	.00	4,000.00	4,000.00	.0
301-5891	MEDICAL EXPENSE	.00	.00	500.00	500.00	.0
301-6020	MISC. SUPPLIES	357.00	1,426.03	500.00	(926.03)	285.2
301-6050	COMPUTER EXPENSES	22.50	4,989.33	2,000.00	(2,989.33)	249.5
301-6484	SECURITY	26.13	26.13	.00	(26.13)	.0
301-6999	OPERATING RESERVE	.00	.00	1,550.00	1,550.00	.0
301-7530	UTILITIES	1,176.65	23,401.01	28,000.00	4,598.99	83.6
301-8500	MISC. OPERATING	.00	663.00	1,500.00	837.00	44.2
301-9400	SALARIES - CUSTODIAL	183.54	996.32	1,000.00	3.68	99.6
301-9405	SALARIES - OPERATIONAL	2,085.22	19,083.33	20,500.00	1,416.67	93.1
301-9610	SOCIAL SECURITY TAX	173.55	1,536.07	1,700.00	163.93	90.4
301-9620	MEDICAL & LIFE INSURANCE	.00	.00	500.00	500.00	.0
301-9630	WORKMANS COMP	478.10	3,610.08	.00	(3,610.08)	.0
301-9650	POSTAGE	.00	142.66	300.00	157.34	47.6
301-9720	INSURANCE	4,737.00	54,881.86	59,000.00	4,118.14	93.0
301-9740	COPIER EXPENSE	.00	646.20	700.00	53.80	92.3
301-9750	CONTRACTUAL	50.40	199.20	.00	(199.20)	.0
301-9760	MEETING & TRAINING	.00	2,897.00	500.00	(2,397.00)	579.4
301-9860	PROFESSIONAL SERVICES	.00	.00	500.00	500.00	.0
301-9900	OFFICE SUPPLIES	.00	87.85	500.00	412.15	17.6
301-9990	RADIO & COMMUNICATION REPAIR	.00	554.21	.00	(554.21)	.0
	TOTAL EXPENDITURES	12,155.15	150,660.80	156,450.00	5,789.20	96.3

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

FIRE OPERATIONS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	12,155.15	150,660.80	156,450.00	5,789.20	96.3
NET REVENUE OVER EXPENDITURES	21,303.85	15,595.69	.00	(15,595.69)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

RESCUE & TRANSFER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
302-4052	RESCUE CALLS	14,512.00	327,271.89	350,000.00	22,728.11	93.5
302-4906	DONATIONS	.00	7,400.00	.00	(7,400.00)	.0
	TOTAL REVENUES	14,512.00	334,671.89	350,000.00	15,328.11	95.6
	TOTAL FUND REVENUE	14,512.00	334,671.89	350,000.00	15,328.11	95.6
	{EXPENDITURES}					
302-5265	OXYGEN	135.45	2,028.52	2,500.00	471.48	81.1
302-5331	EQUIPMENT	38.97	4,801.98	.00	(4,801.98)	.0
302-5340	OUTSIDE SERVICES	4,374.24	59,377.16	52,500.00	(6,877.16)	113.1
302-5341	MEDICAL SUPPLIES	1,784.91	12,489.58	15,000.00	2,510.42	83.3
302-5342	ALS SERVICE FEES	.00	8,900.00	10,000.00	1,100.00	89.0
302-5343	ALS PARAMEDIC FEES	.00	3,429.30	5,000.00	1,570.70	68.6
302-5791	VEHICLE/EQUIPMENT REPAIRS	.00	8,737.57	5,000.00	(3,737.57)	174.8
302-5800	VEHICLE/EQUIPMENT FUEL	.00	5,598.83	5,000.00	(598.83)	112.0
302-5810	TIRES & TIRE REPAIR	.00	.00	2,000.00	2,000.00	.0
302-6140	RESERVE TRANSFER	9,792.00	97,920.00	117,500.00	19,580.00	83.3
302-6999	OPERATING RESERVE	.00	.00	2,300.00	2,300.00	.0
302-7530	UTILITIES	77.04	77.04	.00	(77.04)	.0
302-8500	MISC. OPERATING	680.93	1,648.93	.00	(1,648.93)	.0
302-9405	SALARIES - OPERATIONAL	1,351.68	13,185.63	40,000.00	26,814.37	33.0
302-9496	SALARIES - RESCUE RESPONSE	12,653.55	83,423.49	65,000.00	(18,423.49)	128.3
302-9590	RETIREMENT CONTRIBUTIONS	17.50	53.20	.00	(53.20)	.0
302-9610	SOCIAL SECURITY TAX	1,071.47	7,390.62	8,100.00	709.38	91.2
302-9620	MEDICAL & LIFE INSURANCE	30.93	190.07	500.00	309.93	38.0
302-9630	WORKMANS COMP	3,013.36	16,323.61	.00	(16,323.61)	.0
302-9720	INSURANCE	.00	8,779.26	13,500.00	4,720.74	65.0
302-9760	MEETING & TRAINING	1,100.00	5,381.50	5,000.00	(381.50)	107.6
302-9860	PROFESSIONAL SERVICES	.00	1,375.00	1,100.00	(275.00)	125.0
302-9926	ONLINE FEES	.00	30.00	.00	(30.00)	.0
	TOTAL EXPENDITURES	36,122.03	341,141.29	350,000.00	8,858.71	97.5
	TOTAL FUND EXPENDITURES	36,122.03	341,141.29	350,000.00	8,858.71	97.5
	NET REVENUE OVER EXPENDITURES	(21,610.03)	(6,469.40)	.00	6,469.40	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

FIRE EQUIPMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
303-4000	GENERAL FUND TRANSFER	2,500.00	25,000.00	30,000.00	5,000.00	83.3
303-4804	MUTUAL FINANCE ORGANIZATION	.00	16,830.73	28,000.00	11,169.27	60.1
303-4900	TRANSFERS IN	.00	.00	11,050.00	11,050.00	.0
303-4906	DONATIONS	.00	11,656.65	.00	(11,656.65)	.0
	TOTAL REVENUES	2,500.00	53,487.38	69,050.00	15,562.62	77.5
	TOTAL FUND REVENUE	2,500.00	53,487.38	69,050.00	15,562.62	77.5
	{EXPENDITURES}					
303-5260	EQUIPMENT - MISC.	564.98	4,470.37	10,150.00	5,679.63	44.0
303-5261	COATS, BOOTS, HELMETS, GLOVES	846.94	43,281.37	30,000.00	(13,281.37)	144.3
303-5262	FOAM	.00	.00	1,000.00	1,000.00	.0
303-5263	HOSE & NOZZLES	.00	475.00	1,000.00	525.00	47.5
303-5264	BREATHING APPARATUS	.00	2,821.82	7,000.00	4,178.18	40.3
303-5270	RADIO REPLACEMENT	762.00	2,511.60	3,000.00	488.40	83.7
303-5271	RESCUE UNIT EQUIP.	.00	.00	10,000.00	10,000.00	.0
303-6999	OPERATING RESERVE	.00	.00	6,900.00	6,900.00	.0
	TOTAL EXPENDITURES	2,173.92	53,560.16	69,050.00	15,489.84	77.6
	TOTAL FUND EXPENDITURES	2,173.92	53,560.16	69,050.00	15,489.84	77.6
	NET REVENUE OVER EXPENDITURES	326.08	(72.78)	.00	72.78	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

FIRE EQUIPMENT II

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
304-4000	GENERAL FUND TRANSFER	4,167.00	41,670.00	50,000.00	8,330.00	83.3
304-4900	TRANSFERS IN	.00	.00	167,000.00	167,000.00	.0
304-4902	SALE OF EQUIPMENT	.00	.00	20,000.00	20,000.00	.0
304-4903	INTEREST INCOME	12.92	270.48	.00	(270.48)	.0
304-4906	DONATIONS	.00	126.03	.00	(126.03)	.0
304-4909	RENTAL	642.65	2,764.49	6,000.00	3,235.51	46.1
	TOTAL REVENUES	4,822.57	44,831.00	243,000.00	198,169.00	18.5
	TOTAL FUND REVENUE	4,822.57	44,831.00	243,000.00	198,169.00	18.5
	{EXPENDITURES}					
304-5321	LAND, STRUCTURES	.00	2,036.92	3,000.00	963.08	67.9
304-6135	EQUIPMENT	.00	70,994.00	240,000.00	169,006.00	29.6
	TOTAL EXPENDITURES	.00	73,030.92	243,000.00	169,969.08	30.1
	TOTAL FUND EXPENDITURES	.00	73,030.92	243,000.00	169,969.08	30.1
	NET REVENUE OVER EXPENDITURES	4,822.57	(28,199.92)	.00	28,199.92	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

STREETS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
401-4000	GENERAL FUND TRANSFER	8,667.00	86,670.00	104,000.00	17,330.00	83.3
401-4041	STATE ALLOC. & INCENTIVE PYMT.	77,250.23	696,447.70	868,290.00	171,842.30	80.2
401-4043	MOTOR VEHICLE FEES	15,930.47	61,280.87	57,500.00	(3,780.87)	106.6
401-4044	STATE MAINT. AGREEMENT	.00	69,576.48	22,000.00	(47,576.48)	316.3
401-4420	WEED MOWING	.00	100.00	100.00	.00	100.0
401-4903	INTEREST	.00	802.57	.00	(802.57)	.0
401-4904	MISC. INCOME	514.35	567.54	500.00	(67.54)	113.5
401-4909	RENTAL	315.00	1,315.00	1,500.00	185.00	87.7
401-4911	SALE OF MATERIAL	5,512.26	7,232.75	5,000.00	(2,232.75)	144.7
401-4916	RENTALS(UNIFORM/EQUIP/LABOR)	1,678.50	5,685.69	1,500.00	(4,185.69)	379.1
	TOTAL REVENUES	109,867.81	929,678.60	1,060,390.00	130,711.40	87.7
	TOTAL FUND REVENUE	109,867.81	929,678.60	1,060,390.00	130,711.40	87.7

STREETS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
401-5163	HR CONSULTING FEES	.00	345.78	.00	(345.78)	.0
401-5330	BUILDING & GROUNDS MAINT.	452.23	15,540.09	5,000.00	(10,540.09)	310.8
401-5390	PRINTING, PUBLICATIONS, LEGALS	51.25	235.58	.00	(235.58)	.0
401-5541	JANITORIAL SUPPLIES	.00	4.51	250.00	245.49	1.8
401-5590	CHEMICALS & SALT	.00	12,693.85	20,000.00	7,306.15	63.5
401-5760	OUTSIDE LABOR & MATERIALS	.00	97.26	.00	(97.26)	.0
401-5770	OTHER EQUIP. REPAIRS (LABOR)	.00	.00	500.00	500.00	.0
401-5771	OTHER EQUIP. REPAIRS (PARTS)	326.51	12,962.31	8,500.00	(4,462.31)	152.5
401-5790	COMPUTER NETWORK EXPENSE	648.00	3,645.00	4,000.00	355.00	91.1
401-5800	VEHICLE/EQUIPMENT FUEL	36.00	11,395.97	25,000.00	13,604.03	45.6
401-5801	VEHICLE/EQUIP. OIL & GREASE	.00	1,030.83	2,500.00	1,469.17	41.2
401-5810	TIRES & TIRE REPAIR	33.95	371.21	5,000.00	4,628.79	7.4
401-5880	STORM SEWER REPAIR & MAINT.	.00	1,516.51	3,500.00	1,983.49	43.3
401-5890	TRAFFIC SIGNAL MAINT.	5,998.89	8,803.91	3,000.00	(5,803.91)	293.5
401-5905	STREET LIGHT MATERIALS	51.56	128.91	.00	(128.91)	.0
401-5968	VEHICLE REPAIRS	40.35	30,991.79	25,000.00	(5,991.79)	124.0
401-5980	ASPHALT, CEMENT, GRAVEL, ROCK	4,917.33	52,576.17	50,000.00	(2,576.17)	105.2
401-5985	BRIDGE REPAIR - MATRL/SUPPLIES	.00	.00	500.00	500.00	.0
401-5990	CULVERTS	.00	.00	3,000.00	3,000.00	.0
401-6000	STREET & TRAFFIC SIGNS	318.47	2,531.37	5,500.00	2,968.63	46.0
401-6001	SIGN POSTS & HARDWARE	.00	2,734.92	6,000.00	3,265.08	45.6
401-6008	STREET RESERVE	2,541.00	25,410.00	30,490.00	5,080.00	83.3
401-6010	PAINT & PAINTING SUPPLIES	163.11	4,543.07	3,500.00	(1,043.07)	129.8
401-6020	MISC. SUPPLIES	88.23	1,337.91	1,000.00	(337.91)	133.8
401-6026	CAPITAL OUTLAY	4,167.00	41,670.00	50,000.00	8,330.00	83.3
401-6050	COMPUTER EXPENSES	17.50	5,049.55	5,000.00	(49.55)	101.0
401-6463	TREE PLANTING/REMOVAL	.00	.00	1,000.00	1,000.00	.0
401-6484	SECURITY	20.32	4,982.42	.00	(4,982.42)	.0
401-6999	OPERATING RESERVE	.00	.00	10,000.00	10,000.00	.0
401-7080	MISC. PRODUCTION EXPENSES	150.00	553.98	500.00	(53.98)	110.8
401-7530	UTILITIES	3,535.25	46,578.08	55,000.00	8,421.92	84.7
401-8461	VEHICLE REPAIR - LABOR	37.23	2,707.97	3,500.00	792.03	77.4
401-8481	MEETING & TRAINING - LABOR	43.04	2,572.25	1,500.00	(1,072.25)	171.5
401-8500	MISC. OPERATING	26.42	2,516.01	2,000.00	(516.01)	125.8
401-9401	SALARIES - MEDIA	295.92	3,248.50	3,750.00	501.50	86.6
401-9405	SALARIES - OPERATIONAL	30,988.82	326,957.90	435,000.00	108,042.10	75.2
401-9406	SALARIES-OPERATIONAL HIGHWAY	.00	2,035.70	13,500.00	11,464.30	15.1
401-9410	SALARIES - ADMINISTRATIVE	.00	5,583.37	23,000.00	17,416.63	24.3
401-9422	SALARIES - OUTSIDE DEPT SNOW	.00	4,305.88	5,000.00	694.12	86.1
401-9429	SALARIES-TRANSFER STATION	.00	2,960.29	2,500.00	(460.29)	118.4
401-9431	SALARIES-STREET SNOW/SALT	.00	6,176.02	10,000.00	3,823.98	61.8
401-9451	SALARIES-HIGHWAY SNOW/SALT	.00	3,887.11	6,000.00	2,112.89	64.8
401-9452	SALARIES-HIGHWAY MOWING	424.43	2,232.56	3,500.00	1,267.44	63.8
401-9453	SALARIES-HIWAY SURFACE REPAIRS	.00	.00	500.00	500.00	.0
401-9590	RETIREMENT CONTRIBUTIONS	1,819.62	21,918.68	28,500.00	6,581.32	76.9
401-9610	SOCIAL SECURITY TAX	2,344.14	26,562.89	35,000.00	8,437.11	75.9
401-9620	MEDICAL & LIFE INSURANCE	4,970.88	55,683.87	121,000.00	65,316.13	46.0
401-9630	WORKMANS COMP	1,107.61	10,516.57	.00	(10,516.57)	.0
401-9640	UNIFORMS	.00	626.53	1,000.00	373.47	62.7
401-9650	POSTAGE	(2.52)	763.17	700.00	(63.17)	109.0
401-9680	OFFICE RENTAL	300.00	1,500.00	1,800.00	300.00	83.3
401-9720	INSURANCE	.00	20,781.51	21,500.00	718.49	96.7

STREETS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
401-9740	COPIER EXPENSE	125.78	901.21	750.00	(151.21)	120.2
401-9760	MEETING & TRAINING	.00	1,305.55	1,500.00	194.45	87.0
401-9820	AUDIT EXPENSE	.00	1,000.00	2,000.00	1,000.00	50.0
401-9860	PROFESSIONAL SERVICES	6,442.20	11,652.24	1,500.00	(10,152.24)	776.8
401-9900	OFFICE SUPPLIES	104.64	771.93	1,500.00	728.07	51.5
401-9920	MAPPING & RECORDS	20.69	3,963.70	10,000.00	6,036.30	39.6
401-9980	ANSWERING SERVICE	13.10	153.89	150.00	(3.89)	102.6
	TOTAL EXPENDITURES	72,618.95	811,016.28	1,060,390.00	249,373.72	76.5
	TOTAL FUND EXPENDITURES	72,618.95	811,016.28	1,060,390.00	249,373.72	76.5
	NET REVENUE OVER EXPENDITURES	37,248.86	118,662.32	.00	(118,662.32)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CITY HALL

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
501-4000	GENERAL FUND TRANSFER	2,982.00	29,820.00	35,788.00	5,968.00	83.3
501-4909	RENTAL	3,200.00	16,350.00	19,200.00	2,850.00	85.2
	TOTAL REVENUES	6,182.00	46,170.00	54,988.00	8,818.00	84.0
	TOTAL FUND REVENUE	6,182.00	46,170.00	54,988.00	8,818.00	84.0
	{EXPENDITURES}					
501-5163	HR CONSULTING FEES	.00	19.00	.00	(19.00)	.0
501-5330	BUILDING & GROUNDS MAINT.	49.13	4,895.03	10,000.00	5,104.97	49.0
501-5541	JANITORIAL SUPPLIES	10.65	1,431.42	1,200.00	(231.42)	119.3
501-5750	SERVICE/CONTRACT AGREEMENTS	24.00	537.00	588.00	51.00	91.3
501-6020	MISC. SUPPLIES	11.03	176.93	250.00	73.07	70.8
501-6050	COMPUTER EXPENSES	.00	86.76	.00	(86.76)	.0
501-6484	SECURITY	(7,760.00)	3,838.00	.00	(3,838.00)	.0
501-6999	OPERATING RESERVE	.00	.00	1,000.00	1,000.00	.0
501-7530	UTILITIES	1,650.65	14,261.78	20,000.00	5,738.22	71.3
501-8231	JANITORIAL	.00	99.08	.00	(99.08)	.0
501-8500	MISC. OPERATING	.00	33.88	250.00	216.12	13.6
501-9400	SALARIES - CUSTODIAL	513.65	4,090.78	6,250.00	2,159.22	65.5
501-9405	SALARIES - OPERATIONAL	340.96	2,763.85	2,800.00	36.15	98.7
501-9590	RETIREMENT CONTRIBUTIONS	.00	1.26	500.00	498.74	.3
501-9610	SOCIAL SECURITY TAX	64.66	514.36	650.00	135.64	79.1
501-9620	MEDICAL & LIFE INSURANCE	155.64	1,381.23	4,500.00	3,118.77	30.7
501-9630	WORKMANS COMP	24.23	174.60	.00	(174.60)	.0
501-9720	INSURANCE	.00	8,095.38	7,000.00	(1,095.38)	115.7
	TOTAL EXPENDITURES	(4,915.40)	42,400.34	54,988.00	12,587.66	77.1
	TOTAL FUND EXPENDITURES	(4,915.40)	42,400.34	54,988.00	12,587.66	77.1
	NET REVENUE OVER EXPENDITURES	11,097.40	3,769.66	.00	(3,769.66)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

COMMUNITY CENTER

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
502-4000	GENERAL FUND TRANSFER	2,029.00	20,290.00	24,350.00	4,060.00	83.3
502-4909	RENTAL	.00	1,935.00	500.00	(1,435.00)	387.0
	TOTAL REVENUES	2,029.00	22,225.00	24,850.00	2,625.00	89.4
	TOTAL FUND REVENUE	2,029.00	22,225.00	24,850.00	2,625.00	89.4
	{EXPENDITURES}					
502-5330	BUILDING & GROUNDS MAINT.	6.43	479.78	1,000.00	520.22	48.0
502-5541	JANITORIAL SUPPLIES	.00	.00	300.00	300.00	.0
502-5750	SERVICE/CONTRACT AGREEMENTS	.00	276.85	300.00	23.15	92.3
502-6026	CAPITAL OUTLAY	1,208.00	12,080.00	14,500.00	2,420.00	83.3
502-6999	OPERATING RESERVE	.00	.00	1,000.00	1,000.00	.0
502-7530	UTILITIES	132.24	1,300.61	2,000.00	699.39	65.0
502-9405	SALARIES - OPERATIONAL	340.92	2,763.61	3,000.00	236.39	92.1
502-9610	SOCIAL SECURITY TAX	26.05	211.26	250.00	38.74	84.5
502-9630	WORKMANS COMP	9.66	66.04	.00	(66.04)	.0
502-9720	INSURANCE	.00	2,352.71	2,500.00	147.29	94.1
	TOTAL EXPENDITURES	1,723.30	19,530.86	24,850.00	5,319.14	78.6
	TOTAL FUND EXPENDITURES	1,723.30	19,530.86	24,850.00	5,319.14	78.6
	NET REVENUE OVER EXPENDITURES	305.70	2,694.14	.00	(2,694.14)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

COMMUNITY ROOM

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
503-4000	GENERAL FUND TRANSFER	1,692.00	16,920.00	20,300.00	3,380.00	83.4
503-4904	MISC. INCOME	.00	65.60	.00	(65.60)	.0
503-4909	RENTAL	.00	4,090.00	2,000.00	(2,090.00)	204.5
	TOTAL REVENUES	1,692.00	21,075.60	22,300.00	1,224.40	94.5
	TOTAL FUND REVENUE	1,692.00	21,075.60	22,300.00	1,224.40	94.5
	{EXPENDITURES}					
503-5330	BUILDING & GROUNDS MAINT.	.00	.00	1,000.00	1,000.00	.0
503-5541	JANITORIAL SUPPLIES	.00	19.57	300.00	280.43	6.5
503-5750	SERVICE/CONTRACT AGREEMENTS	.00	195.00	250.00	55.00	78.0
503-6020	MISC. SUPPLIES	.00	.00	250.00	250.00	.0
503-6050	COMPUTER EXPENSES	.00	32.10	.00	(32.10)	.0
503-6484	SECURITY	.00	546.00	.00	(546.00)	.0
503-6999	OPERATING RESERVE	.00	.00	1,000.00	1,000.00	.0
503-9400	SALARIES - CUSTODIAL	.00	.00	2,500.00	2,500.00	.0
503-9405	SALARIES - OPERATIONAL	.00	.00	1,500.00	1,500.00	.0
503-9421	SALARIES - PARTTIME	.00	.00	1,500.00	1,500.00	.0
503-9590	RETIREMENT CONTRIBUTIONS	.00	.00	1,000.00	1,000.00	.0
503-9610	SOCIAL SECURITY TAX	.00	.00	1,000.00	1,000.00	.0
503-9650	POSTAGE	.00	20.19	.00	(20.19)	.0
503-9720	INSURANCE	.00	5,730.22	6,000.00	269.78	95.5
503-9740	OFFICE EQUIP REPAIR & CONTRACT	.00	.00	2,000.00	2,000.00	.0
503-9900	OFFICE SUPPLIES	.00	.00	1,000.00	1,000.00	.0
503-9915	COMPUTERS & EQUQIPMENT	.00	.00	3,000.00	3,000.00	.0
	TOTAL EXPENDITURES	.00	6,543.08	22,300.00	15,756.92	29.3
	TOTAL FUND EXPENDITURES	.00	6,543.08	22,300.00	15,756.92	29.3
	NET REVENUE OVER EXPENDITURES	1,692.00	14,532.52	.00	(14,532.52)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

TRANSFER STATION

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
511-4012	FRANCHISE	6,955.52	32,927.76	45,000.00	12,072.24	73.2
511-4042	LANDFILL USE	.00	1,060.00	.00	(1,060.00)	.0
511-4911	SALE OF MATERIAL	2,214.00	4,296.85	2,500.00	(1,796.85)	171.9
	TOTAL REVENUES	9,169.52	38,284.61	47,500.00	9,215.39	80.6
	TOTAL FUND REVENUE	9,169.52	38,284.61	47,500.00	9,215.39	80.6
	{EXPENDITURES}					
511-5330	BUILDING & GROUNDS MAINT.	.00	.00	1,000.00	1,000.00	.0
511-5340	OUTSIDE SERVICES	.00	.00	100.00	100.00	.0
511-5390	PRINTING, PUBLICATIONS, LEGALS	.00	888.00	900.00	12.00	98.7
511-5800	VEHICLE/EQUIPMENT FUEL	.00	21.41	.00	(21.41)	.0
511-5980	ASPHALT, CEMENT, GRAVEL, ROCK	.00	.00	2,000.00	2,000.00	.0
511-6020	MISC. SUPPLIES	.00	2.75	100.00	97.25	2.8
511-6050	COMPUTER EXPENSES	.00	87.12	.00	(87.12)	.0
511-6140	RESERVE TRANSFER	2,082.00	20,820.00	24,990.00	4,170.00	83.3
511-7530	UTILITIES	59.36	664.43	1,000.00	335.57	66.4
511-9405	SALARIES - OPERATIONAL	570.95	6,208.55	15,000.00	8,791.45	41.4
511-9610	SOCIAL SECURITY TAX	43.68	474.92	1,100.00	625.08	43.2
511-9620	MEDICAL & LIFE INSURANCE	.00	.00	300.00	300.00	.0
511-9630	WORKMANS COMP	16.48	153.05	.00	(153.05)	.0
511-9720	INSURANCE	.00	938.28	1,000.00	61.72	93.8
511-9980	ANSWERING SERVICE	.52	6.15	10.00	3.85	61.5
	TOTAL EXPENDITURES	2,772.99	30,264.66	47,500.00	17,235.34	63.7
	TOTAL FUND EXPENDITURES	2,772.99	30,264.66	47,500.00	17,235.34	63.7
	NET REVENUE OVER EXPENDITURES	6,396.53	8,019.95	.00	(8,019.95)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

LANDFILL RESERVE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
512-4900	TRANSFERS IN	2,082.00	20,820.00	300,000.00	279,180.00	6.9
	TOTAL REVENUES	2,082.00	20,820.00	300,000.00	279,180.00	6.9
	TOTAL FUND REVENUE	2,082.00	20,820.00	300,000.00	279,180.00	6.9
	{EXPENDITURES}					
512-5322	EQUIP.,BUILDINGS, LAND RESERVE	.00	.00	300,000.00	300,000.00	.0
	TOTAL EXPENDITURES	.00	.00	300,000.00	300,000.00	.0
	TOTAL FUND EXPENDITURES	.00	.00	300,000.00	300,000.00	.0
	NET REVENUE OVER EXPENDITURES	2,082.00	20,820.00	.00	(20,820.00)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

PARKS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
521-4000	GENERAL FUND TRANSFER	23,583.00	235,830.00	283,000.00	47,170.00	83.3
521-4080	CAMPING FEES	2,020.00	6,439.00	5,000.00	(1,439.00)	128.8
521-4081	TOURNAMENT & FIELD USAGE FEES	.00	100.00	1,500.00	1,400.00	6.7
521-4904	MISC. INCOME	.00	348.50	.00	(348.50)	.0
521-4911	RESOLD LABOR/MATERIALS	.00	256.50	.00	(256.50)	.0
521-4913	LEASE - LAND, BLDG., TOWER	.00	1.00	.00	(1.00)	.0
	TOTAL REVENUES	25,603.00	242,975.00	289,500.00	46,525.00	83.9
	TOTAL FUND REVENUE	25,603.00	242,975.00	289,500.00	46,525.00	83.9
	{EXPENDITURES}					
521-5163	HR CONSULTING FEES	.00	26.59	.00	(26.59)	.0
521-5310	SMALL TOOLS & EQUIPMENT	.00	69.91	500.00	430.09	14.0
521-5332	BLDG./GROUND MAINT, & VANDAL	2,749.66	4,277.02	12,500.00	8,222.98	34.2
521-5333	TABLES & GRILLS	.00	209.94	2,500.00	2,290.06	8.4
521-5334	GRASS SEED & SOD	.00	.00	750.00	750.00	.0
521-5390	PRINTING, PUBLICATIONS, LEGALS	.00	57.12	1,000.00	942.88	5.7
521-5570	CHEMICALS	.00	1,211.39	.00	(1,211.39)	.0
521-5582	SOFTBALL MATERIALS	.00	279.60	.00	(279.60)	.0
521-5589	FIELD MATERIALS	.00	2,073.85	2,000.00	(73.85)	103.7
521-5791	VEHICLE/EQUIPMENT REPAIRS	.00	868.39	2,500.00	1,631.61	34.7
521-5800	VEHICLE/EQUIPMENT FUEL	.00	2,986.44	4,000.00	1,013.56	74.7
521-5801	VEHICLE/EQUIP. OIL & GREASE	.00	538.84	500.00	(38.84)	107.8
521-5810	TIRES & TIRE REPAIR	.00	191.97	1,000.00	808.03	19.2
521-6020	MISC. SUPPLIES	389.08	1,312.07	500.00	(812.07)	262.4
521-6026	CAPITAL OUTLAY	417.00	4,170.00	5,000.00	830.00	83.4
521-6050	COMPUTER EXPENSES	.00	.00	800.00	800.00	.0
521-6463	TREE PLANTING/REMOVAL	.00	.00	1,000.00	1,000.00	.0
521-6484	SECURITY	14.52	27.12	2,000.00	1,972.88	1.4
521-6999	OPERATING RESERVE	.00	.00	3,900.00	3,900.00	.0
521-7530	UTILITIES	3,507.74	20,747.66	30,000.00	9,252.34	69.2
521-8461	VEHICLE REPAIR - LABOR	37.23	256.86	500.00	243.14	51.4
521-8500	MISC. OPERATING	.00	11.99	500.00	488.01	2.4
521-9405	SALARIES - OPERATIONAL	9,333.91	88,882.91	150,000.00	61,117.09	59.3
521-9421	SALARIES - PARTTIME	1,703.64	4,719.62	.00	(4,719.62)	.0
521-9590	RETIREMENT CONTRIBUTIONS	329.62	5,150.43	8,000.00	2,849.57	64.4
521-9610	SOCIAL SECURITY TAX	816.33	6,852.84	11,000.00	4,147.16	62.3
521-9620	MEDICAL & LIFE INSURANCE	1,598.85	19,332.31	40,000.00	20,667.69	48.3
521-9630	WORKMANS COMP	217.47	1,624.57	.00	(1,624.57)	.0
521-9720	INSURANCE	.00	7,605.61	8,500.00	894.39	89.5
521-9760	MEETING & TRAINING	.00	.00	500.00	500.00	.0
521-9980	ANSWERING SERVICE	1.57	18.48	50.00	31.52	37.0
	TOTAL EXPENDITURES	21,116.62	173,503.53	289,500.00	115,996.47	59.9

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

PARKS

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	21,116.62	173,503.53	289,500.00	115,996.47	59.9
NET REVENUE OVER EXPENDITURES	4,486.38	69,471.47	.00	(69,471.47)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

SWIMMING POOL

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
522-4000	GENERAL FUND TRANSFER	4,150.00	41,500.00	49,800.00	8,300.00	83.3
	TOTAL REVENUES	4,150.00	41,500.00	49,800.00	8,300.00	83.3
	TOTAL FUND REVENUE	4,150.00	41,500.00	49,800.00	8,300.00	83.3
	{EXPENDITURES}					
522-5330	BUILDING & GROUNDS MAINT.	1,527.31	2,894.36	5,000.00	2,105.64	57.9
522-5560	CONCESSION SUPPLIES	287.28	287.28	.00	(287.28)	.0
522-5570	CHEMICALS	4,583.35	9,303.80	6,000.00	(3,303.80)	155.1
522-6020	MISC. SUPPLIES	14.70	132.01	500.00	367.99	26.4
522-6050	COMPUTER EXPENSES	.00	.00	800.00	800.00	.0
522-6484	SECURITY	.00	.00	2,500.00	2,500.00	.0
522-7530	UTILITIES	2,926.96	6,230.30	15,000.00	8,769.70	41.5
522-8500	MISC. OPERATING	98.45	286.04	500.00	213.96	57.2
522-9405	SALARIES - OPERATIONAL	452.73	2,183.65	8,000.00	5,816.35	27.3
522-9590	RETIREMENT CONTRIBUTIONS	31.21	150.68	500.00	349.32	30.1
522-9610	SOCIAL SECURITY TAX	32.69	158.36	500.00	341.64	31.7
522-9620	MEDICAL & LIFE INSURANCE	106.19	474.85	2,500.00	2,025.15	19.0
522-9630	WORKMANS COMP	13.07	56.04	.00	(56.04)	.0
522-9720	INSURANCE	.00	5,716.50	8,000.00	2,283.50	71.5
	TOTAL EXPENDITURES	10,073.94	27,873.87	49,800.00	21,926.13	56.0
	TOTAL FUND EXPENDITURES	10,073.94	27,873.87	49,800.00	21,926.13	56.0
	NET REVENUE OVER EXPENDITURES	(5,923.94)	13,626.13	.00	(13,626.13)	.0

CAPITAL OUTLAY

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
531-4034	PD TRANSFER	15,764.00	157,640.00	113,445.00	(44,195.00)	139.0
531-4035	PD K9 TRANSFER	.00	.00	75,715.00	75,715.00	.0
531-4040	STREET TRANSFER	4,167.00	41,670.00	50,000.00	8,330.00	83.3
531-4060	CEMETERY TRANSFER	.00	21,600.00	.00	(21,600.00)	.0
531-4065	PARKS TRANSFER	417.00	4,170.00	5,000.00	830.00	83.4
531-4076	COMMUNITY CENTER	1,208.00	12,080.00	14,500.00	2,420.00	83.3
531-4800	GRANT PROCEEDS	.00	10,691.71	.00	(10,691.71)	.0
531-4906	DONATIONS	.00	200.00	.00	(200.00)	.0
531-4910	VETERANS MEMORIAL CITY PARK	75.00	825.00	1,000.00	175.00	82.5
	TOTAL REVENUES	21,631.00	248,876.71	259,660.00	10,783.29	95.9
	TOTAL FUND REVENUE	21,631.00	248,876.71	259,660.00	10,783.29	95.9
	{EXPENDITURES}					
531-6420	POLICE CRUISERS	763.00	72,741.69	153,105.00	80,363.31	47.5
531-6435	STREET & GRADE EQUIPMENT	762.00	762.00	50,000.00	49,238.00	1.5
531-6460	POOL EQUIPMENT	.00	5,757.68	.00	(5,757.68)	.0
531-6461	PARK EXPANSION/EQUIPMENT	.00	52.49	5,000.00	4,947.51	1.1
531-6464	VETERANS MEMORIAL CITY PARK	30.00	321.00	1,000.00	679.00	32.1
531-6473	CIVIC CENTER IMPROVEMENTS	.00	12.65	.00	(12.65)	.0
531-6475	LIBRARY BLDG. IMPROVEMENT	.00	10,810.18	.00	(10,810.18)	.0
531-6476	WANEK BUILDING IMPROVEMENTS	.00	.00	14,500.00	14,500.00	.0
531-6477	POLICE GENERAL EQUIPMENT	1,515.48	18,898.71	25,000.00	6,101.29	75.6
531-6478	POLICE K9 EQUIPMENT	.00	331.55	1,555.00	1,223.45	21.3
531-6480	POLICE FACILITY	440.50	15,766.12	9,500.00	(6,266.12)	166.0
531-6482	CITY BUILDINGS	.00	16,505.99	.00	(16,505.99)	.0
	TOTAL EXPENDITURES	3,510.98	141,960.06	259,660.00	117,699.94	54.7
	TOTAL FUND EXPENDITURES	3,510.98	141,960.06	259,660.00	117,699.94	54.7
	NET REVENUE OVER EXPENDITURES	18,120.02	106,916.65	.00	(106,916.65)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CAPITAL IMPROVEMENT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
532-4000	GENERAL FUND TRANSFER	3,792.00	37,920.00	45,500.00	7,580.00	83.3
532-4045	FFP HIGHWAY FUNDS	.00	176,922.17	140,000.00	(36,922.17)	126.4
532-4046	FFP BRIDGE FUNDS	.00	4,607.24	5,000.00	392.76	92.1
532-4903	INTEREST INCOME	27.81	241.82	.00	(241.82)	.0
532-4907	NOTE/LOAN PROCEEDS	.00	2,113,386.00	2,000,000.00	(113,386.00)	105.7
532-4908	BOND PROCEEDS	.00	.00	1,800,000.00	1,800,000.00	.0
	TOTAL REVENUES	3,819.81	2,333,077.23	3,990,500.00	1,657,422.77	58.5
	TOTAL FUND REVENUE	3,819.81	2,333,077.23	3,990,500.00	1,657,422.77	58.5
	{EXPENDITURES}					
532-6381	CONST. COSTS - STREETS	344,707.53	1,117,821.15	1,000,000.00	(117,821.15)	111.8
532-6482	CITY BUILDINGS	.00	867.90	.00	(867.90)	.0
532-6487	BRIDGE PROJECTS	41,731.92	643,392.72	907,350.00	263,957.28	70.9
532-6489	PARK IMPROVEMENTS	.00	3,015.88	2,000,000.00	1,996,984.12	.2
532-9860	PROFESSIONAL SERVICES	.00	11,012.48	.00	(11,012.48)	.0
532-9970	DEBT EXPENSE AMORTIZATION	.00	60,000.00	60,000.00	.00	100.0
532-9971	BOND INTEREST	.00	23,137.50	23,150.00	12.50	100.0
	TOTAL EXPENDITURES	386,439.45	1,859,247.63	3,990,500.00	2,131,252.37	46.6
	TOTAL FUND EXPENDITURES	386,439.45	1,859,247.63	3,990,500.00	2,131,252.37	46.6
	NET REVENUE OVER EXPENDITURES	(382,619.64)	473,829.60	.00	(473,829.60)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

FEMA PROJECTS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
551-4800	GRANT PROCEEDS	.00	381,552.66	.00	(381,552.66)	.0
551-4805	FEMA REIMBURSEMENT	.00	.00	1,200,000.00	1,200,000.00	.0
551-4909	RENT	.00	4,522.50	.00	(4,522.50)	.0
	TOTAL REVENUES	.00	386,075.16	1,200,000.00	813,924.84	32.2
	TOTAL FUND REVENUE	.00	386,075.16	1,200,000.00	813,924.84	32.2
	{EXPENDITURES}					
551-5007	OTHER EXPENSE	3,657.04	106,896.86	1,140,000.00	1,033,103.14	9.4
551-9860	PROFESSIONAL SERVICES	.00	.00	60,000.00	60,000.00	.0
	TOTAL EXPENDITURES	3,657.04	106,896.86	1,200,000.00	1,093,103.14	8.9
	TOTAL FUND EXPENDITURES	3,657.04	106,896.86	1,200,000.00	1,093,103.14	8.9
	NET REVENUE OVER EXPENDITURES	(3,657.04)	279,178.30	.00	(279,178.30)	.0
	{EXPENDITURES}					
561-6031	SEWER MAIN CONSTRUCTION	.00	23,700.85	.00	(23,700.85)	.0
	TOTAL EXPENDITURES	.00	23,700.85	.00	(23,700.85)	.0
	TOTAL FUND EXPENDITURES	.00	23,700.85	.00	(23,700.85)	.0
	NET REVENUE OVER EXPENDITURES	.00	(23,700.85)	.00	23,700.85	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CEMETERY

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
601-4000	GENERAL FUND TRANSFER	6,005.00	60,050.00	72,060.00	12,010.00	83.3
601-4060	SALE OF SPACES	.00	8,250.00	8,000.00	(250.00)	103.1
601-4061	COLUMBARIUM SALES	.00	.00	4,000.00	4,000.00	.0
601-4062	INTERMENTS	.00	3,250.00	6,500.00	3,250.00	50.0
601-4903	INTEREST INCOME	.00	319.22	1,000.00	680.78	31.9
	TOTAL REVENUES	6,005.00	71,869.22	91,560.00	19,690.78	78.5
	TOTAL FUND REVENUE	6,005.00	71,869.22	91,560.00	19,690.78	78.5
	{EXPENDITURES}					
601-5163	HR CONSULTING FEES	.00	32.79	.00	(32.79)	.0
601-5330	BUILDING & GROUNDS MAINT.	61.29	2,252.74	2,000.00	(252.74)	112.6
601-5340	OUTSIDE SERVICES	.00	180.00	750.00	570.00	24.0
601-5390	PRINTING, PUBLICATIONS, LEGALS	11.78	289.24	100.00	(189.24)	289.2
601-5791	VEHICLE/EQUIPMENT REPAIRS	45.98	467.84	1,250.00	782.16	37.4
601-5800	VEHICLE/EQUIPMENT FUEL	.00	838.28	1,500.00	661.72	55.9
601-5801	VEHICLE/EQUIP. OIL & GREASE	.00	376.09	100.00	(276.09)	376.1
601-5810	TIRES & TIRE REPAIR	.00	872.00	100.00	(772.00)	872.0
601-6050	COMPUTER EXPENSES	95.00	1,328.21	1,250.00	(78.21)	106.3
601-6200	TRANSFER OUT	.00	21,600.00	.00	(21,600.00)	.0
601-6484	SECURITY	5.81	12.10	.00	(12.10)	.0
601-6999	OPERATING RESERVE	.00	.00	1,000.00	1,000.00	.0
601-7530	UTILITIES	64.74	1,374.43	2,500.00	1,125.57	55.0
601-8461	VEHICLE REPAIR - LABOR	.00	37.23	500.00	462.77	7.5
601-8500	MISC. OPERATING	23.52	287.16	500.00	212.84	57.4
601-9405	SALARIES - OPERATIONAL	5,635.74	44,870.41	57,000.00	12,129.59	78.7
601-9590	RETIREMENT CONTRIBUTIONS	295.42	2,823.92	3,250.00	426.08	86.9
601-9610	SOCIAL SECURITY TAX	412.89	3,260.16	3,750.00	489.84	86.9
601-9620	MEDICAL & LIFE INSURANCE	1,162.98	10,352.49	13,500.00	3,147.51	76.7
601-9630	WORKMANS COMP	173.47	1,415.53	.00	(1,415.53)	.0
601-9720	INSURANCE	.00	2,779.76	2,500.00	(279.76)	111.2
601-9980	ANSWERING SERVICE	.52	6.15	10.00	3.85	61.5
	TOTAL EXPENDITURES	7,989.14	95,456.53	91,560.00	(3,896.53)	104.3
	TOTAL FUND EXPENDITURES	7,989.14	95,456.53	91,560.00	(3,896.53)	104.3
	NET REVENUE OVER EXPENDITURES	(1,984.14)	(23,587.31)	.00	23,587.31	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CEMETERY PERPETUAL CARE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
602-4060	SALE OF SPACES	.00	1,800.00	1,000.00	(800.00)	180.0
602-4903	INTEREST INCOME	174.52	697.62	500.00	(197.62)	139.5
	TOTAL REVENUES	174.52	2,497.62	1,500.00	(997.62)	166.5
	TOTAL FUND REVENUE	174.52	2,497.62	1,500.00	(997.62)	166.5
	{EXPENDITURES}					
602-6185	PERPETUAL DECORATIONS	.00	548.00	500.00	(48.00)	109.6
602-6999	OPERATING RESERVE	.00	.00	1,000.00	1,000.00	.0
	TOTAL EXPENDITURES	.00	548.00	1,500.00	952.00	36.5
	TOTAL FUND EXPENDITURES	.00	548.00	1,500.00	952.00	36.5
	NET REVENUE OVER EXPENDITURES	174.52	1,949.62	.00	(1,949.62)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

LIBRARY

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
701-4000	GENERAL FUND TRANSFER	47,917.00	479,170.00	575,000.00	95,830.00	83.3
701-4073	FINES	.00	163.67	100.00	(63.67)	163.7
701-4074	COPIER SERVICES	501.60	3,414.25	1,300.00	(2,114.25)	262.6
701-4075	INTER LIBRARY LOAN	12.39	53.46	.00	(53.46)	.0
701-4077	STATE LENDER COMP	.00	(430.43)	.00	430.43	.0
701-4800	GRANT PROCEEDS	.00	2,831.60	2,500.00	(331.60)	113.3
701-4904	MISC. INCOME	.00	1,667.13	100.00	(1,567.13)	1667.1
701-4906	DONATIONS	.00	2,258.10	.00	(2,258.10)	.0
	TOTAL REVENUES	48,430.99	489,127.78	579,000.00	89,872.22	84.5
	TOTAL FUND REVENUE	48,430.99	489,127.78	579,000.00	89,872.22	84.5
	{EXPENDITURES}					
701-5163	HR CONSULTING FEES	.00	210.19	.00	(210.19)	.0
701-5330	BUILDING & GROUNDS MAINT.	691.85	11,553.02	10,000.00	(1,553.02)	115.5
701-5390	PRINTING, PUBLICATIONS, LEGALS	11.78	145.29	1,200.00	1,054.71	12.1
701-5400	DUES & MEMBERSHIPS	75.00	716.00	700.00	(16.00)	102.3
701-5541	JANITORIAL SUPPLIES	72.16	1,454.65	1,500.00	45.35	97.0
701-5691	BOOKS, MAGAZINES	2,816.19	27,054.72	35,000.00	7,945.28	77.3
701-5692	DONATIONS	.00	865.06	.00	(865.06)	.0
701-5693	REPLACEMENTS	64.14	46.69	1,000.00	953.31	4.7
701-5750	SERVICE/CONTRACT AGREEMENTS	99.60	394.80	.00	(394.80)	.0
701-5790	COMPUTER NETWORK EXPENSE	2,240.00	13,490.00	15,000.00	1,510.00	89.9
701-6020	MISC. SUPPLIES	.00	75.54	100.00	24.46	75.5
701-6050	COMPUTER EXPENSES	1,231.00	17,672.85	12,000.00	(5,672.85)	147.3
701-6210	PROGRAM EXPENSE	100.56	1,647.34	3,500.00	1,852.66	47.1
701-6484	SECURITY	63.87	320.97	.00	(320.97)	.0
701-6999	OPERATING RESERVE	.00	.00	5,800.00	5,800.00	.0
701-7530	UTILITIES	2,996.71	33,311.57	35,000.00	1,688.43	95.2
701-8500	MISC. OPERATING	.00	242.27	200.00	(42.27)	121.1
701-9400	SALARIES - CUSTODIAL	770.39	6,241.06	9,000.00	2,758.94	69.4
701-9405	SALARIES - OPERATIONAL	24,388.51	264,453.62	310,000.00	45,546.38	85.3
701-9590	RETIREMENT CONTRIBUTIONS	1,269.61	13,950.48	19,000.00	5,049.52	73.4
701-9610	SOCIAL SECURITY TAX	1,820.82	19,562.29	21,000.00	1,437.71	93.2
701-9620	MEDICAL & LIFE INSURANCE	5,410.44	53,031.34	71,000.00	17,968.66	74.7
701-9630	WORKMANS COMP	21.78	164.49	.00	(164.49)	.0
701-9650	POSTAGE	639.04	2,278.58	3,500.00	1,221.42	65.1
701-9720	INSURANCE	.00	13,575.56	11,500.00	(2,075.56)	118.1
701-9740	OFFICE EQUIP REPAIR & CONTRACT	565.56	5,779.49	5,000.00	(779.49)	115.6
701-9760	MEETING & TRAINING	.00	1,305.06	2,000.00	694.94	65.3
701-9820	AUDIT EXPENSE	.00	.00	2,000.00	2,000.00	.0
701-9900	OFFICE SUPPLIES	339.50	3,950.92	4,000.00	49.08	98.8
	TOTAL EXPENDITURES	45,688.51	493,493.85	579,000.00	85,506.15	85.2

CITY OF CRETE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

LIBRARY

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	45,688.51	493,493.85	579,000.00	85,506.15	85.2
NET REVENUE OVER EXPENDITURES	2,742.48	(4,366.07)	.00	4,366.07	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

LIBRARY FRIENDS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
702-4903	INTEREST INCOME	.00	50.84	.00	(50.84)	.0
702-4906	DONATIONS	60.00	8,463.63	16,150.00	7,686.37	52.4
	TOTAL REVENUES	60.00	8,514.47	16,150.00	7,635.53	52.7
	TOTAL FUND REVENUE	60.00	8,514.47	16,150.00	7,635.53	52.7
	{EXPENDITURES}					
702-5692	DONATIONS	2,768.22	13,325.11	16,150.00	2,824.89	82.5
702-5700	STATE GRANT EXPENSE	2,293.07	3,942.77	.00	(3,942.77)	.0
	TOTAL EXPENDITURES	5,061.29	17,267.88	16,150.00	(1,117.88)	106.9
	TOTAL FUND EXPENDITURES	5,061.29	17,267.88	16,150.00	(1,117.88)	106.9
	NET REVENUE OVER EXPENDITURES	(5,001.29)	(8,753.41)	.00	8,753.41	.0

RECREATION PROGRAMS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
721-4000	GENERAL FUND TRANSFER	5,625.00	56,250.00	67,500.00	11,250.00	83.3
721-4082	VOLLEYBALL INCOME	.00	.00	350.00	350.00	.0
721-4083	MARTIAL ARTS REGISTRATIONS	.00	190.00	300.00	110.00	63.3
721-4084	FLAG FOOTBALL INCOME	90.00	90.00	3,500.00	3,410.00	2.6
721-4085	BASEBALL & SOFTBALL YOUTH	.00	1,795.17	.00	(1,795.17)	.0
721-4086	SOCCER YOUTH	.00	11,961.11	10,000.00	(1,961.11)	119.6
721-4087	BASKETBALL YOUTH	.00	.00	1,000.00	1,000.00	.0
721-4088	TENNIS YOUTH	.00	.00	150.00	150.00	.0
721-4091	SOFTBALL ADULT	1,700.00	1,700.00	3,000.00	1,300.00	56.7
721-4092	SOCCER ADULT	.00	.00	300.00	300.00	.0
721-4998	SOFTBALL ADULT	425.00	1,265.00	.00	(1,265.00)	.0
	TOTAL REVENUES	7,840.00	73,251.28	86,100.00	12,848.72	85.1
	TOTAL FUND REVENUE	7,840.00	73,251.28	86,100.00	12,848.72	85.1

RECREATION PROGRAMS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	{EXPENDITURES}					
721-5163	HR CONSULTING FEES	.00	624.79	.00	(624.79)	.0
721-5350	EQUIP. RENTAL	.00	246.25	.00	(246.25)	.0
721-5390	PRINTING, PUBLICATIONS, LEGALS	.00	307.74	.00	(307.74)	.0
721-5578	SOFTBALL SUPPLIES ADULT	.00	68.00	500.00	432.00	13.6
721-5579	BASKETBALL SUPPLIES YOUTH	.00	.00	200.00	200.00	.0
721-5580	RECREATION SUPPLIES	.00	.00	500.00	500.00	.0
721-5583	LITTLE LEAGUE SUPPLIES	.00	794.87	.00	(794.87)	.0
721-5584	FLAG FOOTBALL SUPPLIES	.00	.00	500.00	500.00	.0
721-5586	SOCCER YOUTH	.00	3,225.33	2,000.00	(1,225.33)	161.3
721-5790	COMPUTER NETWORK EXPENSE	392.00	1,895.00	2,000.00	105.00	94.8
721-5901	REFUNDS	.00	825.00	1,000.00	175.00	82.5
721-6020	MISC. SUPPLIES	.00	63.99	200.00	136.01	32.0
721-6049	SOFTWARE & UPGRADES	.00	2,100.00	2,000.00	(100.00)	105.0
721-6050	COMPUTER EXPENSES	12.50	3,110.82	500.00	(2,610.82)	622.2
721-6501	SPECIAL PROGRAMS & EVENTS	.00	.00	300.00	300.00	.0
721-6999	OPERATING RESERVE	.00	.00	1,550.00	1,550.00	.0
721-7530	UTILITIES	146.03	1,675.84	2,000.00	324.16	83.8
721-8500	MISC. OPERATING	141.18	1,385.73	1,000.00	(385.73)	138.6
721-9401	SALARIES - MEDIA	295.86	3,248.35	4,000.00	751.65	81.2
721-9405	SALARIES - OPERATIONAL	7,504.15	41,331.77	40,000.00	(1,331.77)	103.3
721-9411	SALARIES - UMPIRES & COACHES	.00	4,248.72	6,000.00	1,751.28	70.8
721-9590	RETIREMENT CONTRIBUTIONS	386.75	2,724.49	3,500.00	775.51	77.8
721-9610	SOCIAL SECURITY TAX	568.32	3,370.29	3,500.00	129.71	96.3
721-9620	MEDICAL & LIFE INSURANCE	1,581.02	9,446.34	9,000.00	(446.34)	105.0
721-9630	WORKMANS COMP	134.84	837.15	.00	(837.15)	.0
721-9650	POSTAGE	(2.52)	796.11	1,500.00	703.89	53.1
721-9680	OFFICE RENTAL	75.00	375.00	450.00	75.00	83.3
721-9720	INSURANCE	.00	500.00	800.00	300.00	62.5
721-9740	COPIER EXPENSE	315.54	1,428.40	2,000.00	571.60	71.4
721-9860	PROFESSIONAL SERVICES	.00	114.00	.00	(114.00)	.0
721-9900	OFFICE SUPPLIES	.00	176.26	200.00	23.74	88.1
721-9926	ONLINE PAYMENT FEES	53.74	99.59	900.00	800.41	11.1
	TOTAL EXPENDITURES	11,604.41	85,019.83	86,100.00	1,080.17	98.8
	TOTAL FUND EXPENDITURES	11,604.41	85,019.83	86,100.00	1,080.17	98.8
	NET REVENUE OVER EXPENDITURES	(3,764.41)	(11,768.55)	.00	11,768.55	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

SWIMMING POOL PROGRAMS

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
722-4000	GENERAL FUND TRANSFER	5,258.00	52,580.00	63,100.00	10,520.00	83.3
722-4094	SWIM TEAM DONATIONS	656.00	656.00	700.00	44.00	93.7
722-4095	SWIM TEAM INCOME	.00	4,264.29	3,400.00	(864.29)	125.4
722-4096	SWIMMING LESSON INCOME	2,232.00	10,173.00	12,000.00	1,827.00	84.8
722-4960	SUMMER POOL ADMISSIONS	6,679.80	51,034.45	40,000.00	(11,034.45)	127.6
722-4962	VENDING MACHINE	(222.18)	4,981.09	1,000.00	(3,981.09)	498.1
	TOTAL REVENUES	14,603.62	123,688.83	120,200.00	(3,488.83)	102.9
	TOTAL FUND REVENUE	14,603.62	123,688.83	120,200.00	(3,488.83)	102.9
	{EXPENDITURES}					
722-5163	HR CONSULTING FEES	.00	627.00	.00	(627.00)	.0
722-5331	EQUIPMENT	465.13	1,175.11	500.00	(675.11)	235.0
722-5390	PRINTING, PUBLICATIONS, LEGAL	.00	219.36	2,000.00	1,780.64	11.0
722-5400	DUES & MEMBERSHIPS	.00	40.00	.00	(40.00)	.0
722-5541	JANITORIAL SUPPLIES	204.75	387.42	500.00	112.58	77.5
722-5560	CONCESSION SUPPLIES	1,825.55	1,825.55	.00	(1,825.55)	.0
722-5585	SWIM TEAM EXPENSE	.00	400.00	4,500.00	4,100.00	8.9
722-5586	SWIM TEAM DONATIONS EXPENSE	.00	.00	500.00	500.00	.0
722-5901	REFUNDS	225.00	515.00	700.00	185.00	73.6
722-6049	SOFTWARE & UPGRADES	.00	1,000.00	1,500.00	500.00	66.7
722-6999	OPERATING RESERVE	.00	.00	10,000.00	10,000.00	.0
722-8500	MISC. OPERATING	152.85	378.82	1,500.00	1,121.18	25.3
722-9405	SALARIES - OPERATIONAL	1,305.02	4,908.33	15,500.00	10,591.67	31.7
722-9411	SALARIES - COACHES	.00	76.95	3,000.00	2,923.05	2.6
722-9414	SALARIES - POOL STAFF	33,350.36	89,454.81	70,000.00	(19,454.81)	127.8
722-9590	RETIREMENT CONTRIBUTIONS	14.44	158.54	500.00	341.46	31.7
722-9610	SOCIAL SECURITY TAX	2,647.26	7,220.50	500.00	(6,720.50)	1444.1
722-9620	MEDICAL & LIFE INSURANCE	138.94	138.94	2,000.00	1,861.06	7.0
722-9630	WORKMANS COMP	926.46	2,317.11	.00	(2,317.11)	.0
722-9720	INSURANCE	.00	4,301.23	5,000.00	698.77	86.0
722-9760	MEETING & TRAINING	.00	360.00	1,000.00	640.00	36.0
722-9860	PROFESSIONAL SERVICES	.00	29.00	.00	(29.00)	.0
722-9900	OFFICE SUPPLIES	71.94	71.94	.00	(71.94)	.0
722-9926	ONLINE PAYMENT FEES	187.61	896.80	1,000.00	103.20	89.7
	TOTAL EXPENDITURES	41,515.31	116,502.41	120,200.00	3,697.59	96.9
	TOTAL FUND EXPENDITURES	41,515.31	116,502.41	120,200.00	3,697.59	96.9
	NET REVENUE OVER EXPENDITURES	(26,911.69)	7,186.42	.00	(7,186.42)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

LB840

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
801-4900	TRANSFERS IN	.00	.00	1,000,000.00	1,000,000.00	.0
801-4903	INTEREST INCOME	488.54	3,732.20	.00	(3,732.20)	.0
801-4919	SALES TAX TRANSFER	53,807.83	497,864.87	525,000.00	27,135.13	94.8
	TOTAL REVENUES	54,296.37	501,597.07	1,525,000.00	1,023,402.93	32.9
	TOTAL FUND REVENUE	54,296.37	501,597.07	1,525,000.00	1,023,402.93	32.9
	{EXPENDITURES}					
801-5400	DUES & MEMBERSHIPS	.00	150.00	10,000.00	9,850.00	1.5
801-5752	RECRUITMENT	.00	.00	25,000.00	25,000.00	.0
801-5753	PROMOTION/TOURISM	.00	2,500.00	25,000.00	22,500.00	10.0
801-5754	INFRASTRUCTURE	.00	.00	850,000.00	850,000.00	.0
801-5755	DEVELOPMENT	.00	24,913.07	550,000.00	525,086.93	4.5
801-6191	TRANSFER-LOAN GUARANTEE	.00	.00	52,500.00	52,500.00	.0
801-9525	ADMINISTRATIVE FEES	538.08	4,978.66	5,250.00	271.34	94.8
801-9760	MEETING & TRAINING	.00	.00	7,250.00	7,250.00	.0
	TOTAL EXPENDITURES	538.08	32,541.73	1,525,000.00	1,492,458.27	2.1
	TOTAL FUND EXPENDITURES	538.08	32,541.73	1,525,000.00	1,492,458.27	2.1
	NET REVENUE OVER EXPENDITURES	53,758.29	469,055.34	.00	(469,055.34)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

TAX INCREMENT FINANCING

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
802-4001	PROPERTY TAX	.00	128,488.16	180,000.00	51,511.84	71.4
802-4009	CDA FEES	.00	38,693.59	500.00	(38,193.59)	7738.7
	TOTAL REVENUES	.00	167,181.75	180,500.00	13,318.25	92.6
	TOTAL FUND REVENUE	.00	167,181.75	180,500.00	13,318.25	92.6
	{EXPENDITURES}					
802-5386	TIF LEGAL EXPENSES	17,882.00	23,029.00	20,000.00	(3,029.00)	115.2
802-9860	PROFESSIONAL SERVICES	.00	4,620.00	.00	(4,620.00)	.0
802-9880	PUBLICATIONS, LEGAL	.00	148.48	.00	(148.48)	.0
802-9970	TIF PAYMENTS	.00	177,787.84	160,500.00	(17,287.84)	110.8
	TOTAL EXPENDITURES	17,882.00	205,585.32	180,500.00	(25,085.32)	113.9
	TOTAL FUND EXPENDITURES	17,882.00	205,585.32	180,500.00	(25,085.32)	113.9
	NET REVENUE OVER EXPENDITURES	(17,882.00)	(38,403.57)	.00	38,403.57	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CCCFF (THEATER)

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
810-4800	GRANT PROCEEDS	.00	34,212.37	62,500.00	28,287.63	54.7
810-4906	DONATIONS	.00	.00	90,000.00	90,000.00	.0
	TOTAL REVENUES	.00	34,212.37	152,500.00	118,287.63	22.4
	TOTAL FUND REVENUE	.00	34,212.37	152,500.00	118,287.63	22.4
	{EXPENDITURES}					
810-5210	UTILITIES	105.22	1,031.44	2,500.00	1,468.56	41.3
810-5972	OTHER/RENOVATION	34,212.37	34,212.37	145,000.00	110,787.63	23.6
810-9720	INSURANCE	.00	1,807.56	5,000.00	3,192.44	36.2
	TOTAL EXPENDITURES	34,317.59	37,051.37	152,500.00	115,448.63	24.3
	TOTAL FUND EXPENDITURES	34,317.59	37,051.37	152,500.00	115,448.63	24.3
	NET REVENUE OVER EXPENDITURES	(34,317.59)	(2,839.00)	.00	2,839.00	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CDBG HOUSING

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
851-4900	TRANSFERS IN	.00	.00	35,000.00	35,000.00	.0
851-4903	INTEREST INCOME	4.79	42.86	.00	(42.86)	.0
	TOTAL REVENUES	4.79	42.86	35,000.00	34,957.14	.1
	TOTAL FUND REVENUE	4.79	42.86	35,000.00	34,957.14	.1
	{EXPENDITURES}					
851-5971	INCENTIVE GRANT	.00	7,500.00	35,000.00	27,500.00	21.4
	TOTAL EXPENDITURES	.00	7,500.00	35,000.00	27,500.00	21.4
	TOTAL FUND EXPENDITURES	.00	7,500.00	35,000.00	27,500.00	21.4
	NET REVENUE OVER EXPENDITURES	4.79	(7,457.14)	.00	7,457.14	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CDBG DTR

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
852-4800	GRANT PROCEEDS	73,901.41	254,127.07	450,000.00	195,872.93	56.5
852-4900	TRANSFERS IN	.00	.00	100,000.00	100,000.00	.0
	TOTAL REVENUES	73,901.41	254,127.07	550,000.00	295,872.93	46.2
	TOTAL FUND REVENUE	73,901.41	254,127.07	550,000.00	295,872.93	46.2
	{EXPENDITURES}					
852-6901	BUILDINGS & INFRASTRUCTURE	73,901.41	220,440.82	500,000.00	279,559.18	44.1
852-9525	ADMINISTRATIVE FEES	33,686.25	33,686.25	45,000.00	11,313.75	74.9
852-9860	PROFESSIONAL SERVICES	.00	.00	5,000.00	5,000.00	.0
	TOTAL EXPENDITURES	107,587.66	254,127.07	550,000.00	295,872.93	46.2
	TOTAL FUND EXPENDITURES	107,587.66	254,127.07	550,000.00	295,872.93	46.2
	NET REVENUE OVER EXPENDITURES	(33,686.25)	.00	.00	.00	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

PAYROLL

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
951-4903	INTEREST INCOME	22.81	143.29	.00	(143.29)	.0
	TOTAL REVENUES	22.81	143.29	.00	(143.29)	.0
	TOTAL FUND REVENUE	22.81	143.29	.00	(143.29)	.0
	NET REVENUE OVER EXPENDITURES	22.81	143.29	.00	(143.29)	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

HEALTH SAVINGS ACCOUNT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
952-4903	INTEREST INCOME	.00	6.32	.00	(6.32)	.0
952-4912	TAX FUNDS	.00	9,120.00	.00	(9,120.00)	.0
952-4917	REVENUE FUNDS	.00	6,880.00	.00	(6,880.00)	.0
	TOTAL REVENUES	.00	16,006.32	.00	(16,006.32)	.0
	TOTAL FUND REVENUE	.00	16,006.32	.00	(16,006.32)	.0
	{EXPENDITURES}					
952-5250	DISBURSEMENTS	.00	17,754.10	.00	(17,754.10)	.0
952-6200	TRANSFER OUT	.00	1,000.00	.00	(1,000.00)	.0
952-9525	ADMINISTRATIVE FEES	.00	2,483.49	.00	(2,483.49)	.0
	TOTAL EXPENDITURES	.00	21,237.59	.00	(21,237.59)	.0
	TOTAL FUND EXPENDITURES	.00	21,237.59	.00	(21,237.59)	.0
	NET REVENUE OVER EXPENDITURES	.00	(5,231.27)	.00	5,231.27	.0

CITY OF CRETE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 10 MONTHS ENDING JULY 31, 2023

CAFETERIA FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	REVENUES					
953-4900	TRANSFERS IN	.00	1,000.00	.00	(1,000.00)	.0
953-4903	INTEREST INCOME	.00	.63	.00	(.63)	.0
953-4920	EMPLOYEE CONTRIBUTION	.00	7,623.50	.00	(7,623.50)	.0
	TOTAL REVENUES	.00	8,624.13	.00	(8,624.13)	.0
	TOTAL FUND REVENUE	.00	8,624.13	.00	(8,624.13)	.0
	{EXPENDITURES}					
953-5250	DISBURSEMENTS	.00	7,908.83	.00	(7,908.83)	.0
	TOTAL EXPENDITURES	.00	7,908.83	.00	(7,908.83)	.0
	TOTAL FUND EXPENDITURES	.00	7,908.83	.00	(7,908.83)	.0
	NET REVENUE OVER EXPENDITURES	.00	715.30	.00	(715.30)	.0

City of Crete
Treasurer's Report

	fy 2023	7/31/2023	Cash		Budget	Year to date	Percent		Budget	Year to date	Percent
	83.33%		Balance		Revenue	Revenue	Revenue		Expense	Expense	Expense
UTILITIES	*001-1000*	Electric Fund CBT	$3,666,237.81		$12,010,300.00	$9,165,335.59	76%		$12,010,300.00	$8,807,412.29	73%
	001-1005	Consumer Deposits PINN	$157,150.33								
	001-1006	Consumer Deposit CDs PIN	$348,000.00								
	001-1009	Revenue ACH PINN	$2,919.77								
	001-1015	Electric CDs CBT WF	$3,228,064.36								
	002-1000	Water Fund CBT	-$133,439.95		$1,026,300.00	$903,307.57	88%		$1,026,300.00	$733,742.00	71%
	002-1015	Water CDs CBT	$400,000.00								
	003-1000	Sewer Fund CBT	$2,384,839.33		$1,686,550.00	$1,529,051.37	91%		$1,686,550.00	$1,465,543.91	87%
	003-1002	Sewer USDA Equipment CE	$164,416.06								
	003-1003	Sewer USDA Reserve CBT	$175,348.93								
AIRPORT	050-1010	Airport Purposes PINN	$254,027.83		$132,000.00	$137,948.55	105%		$132,000.00	$104,226.42	79%
GENERAL	*101-1000*	General Fund PINN	$836,907.95		$4,124,025.00	$3,346,168.64	81%		$4,124,025.00	$3,513,676.93	85%
	101-1042	Brick Fund PINN	$623.77								
	102-1015	City Sales Tax PINN	$111,510.03		$2,200,000.00	$1,991,634.51	91%		$2,200,000.00	$1,991,459.46	91%
	103-1000	Keno Fund PINN	$299,991.76		$251,000.00	$96,848.47	39%		$251,000.00	$47,174.00	19%
	103-1007	Keno Prize Reserve	$0.00								
	103-1015	Keno Savings PINN	$43,232.74								
	150-1000	General Obligation Bonds PI	$530,505.58		$528,500.00	$536,532.69	102%		$528,500.00	$524,474.00	99%
	150-1015	LB357 Bond Savings ***(UBT)***	$73,265.38								
	171-1000	Insurance Contingency PINN	$104,889.93		$100,000.00	$7,349.40	7%		$100,000.00	$8,815.14	9%
	173-1000	Capital Reserve Checking P	$711,151.96		$54,740.00	$33,256.94	61%		$54,740.00	$90,085.00	165%
	173-1043	Capital Reserve Savings PIN	$253,036.86								
POLICE	*201-1000*	Police Department PINN	$608,959.77		$1,824,050.00	$1,536,993.39	84%		$1,824,050.00	$1,465,033.79	80%
	202-1000	Communications Center PIN	$151,779.54		$306,245.00	$255,350.00	83%		$306,245.00	$291,426.12	95%
	203-1000	Community Service PINN	$132,157.89		$80,195.00	$65,741.19	82%		$80,195.00	$45,005.29	56%
	204-1000	Stop Fund PINN	$2,310.28		$1,985.00	$300.00	15%		$1,985.00	$0.00	0%
	205-1000	K9 Fund PINN	$5,013.18		$82,215.00	$69,887.53	85%		$82,215.00	$64,874.35	79%

City of Crete
Treasurer's Report

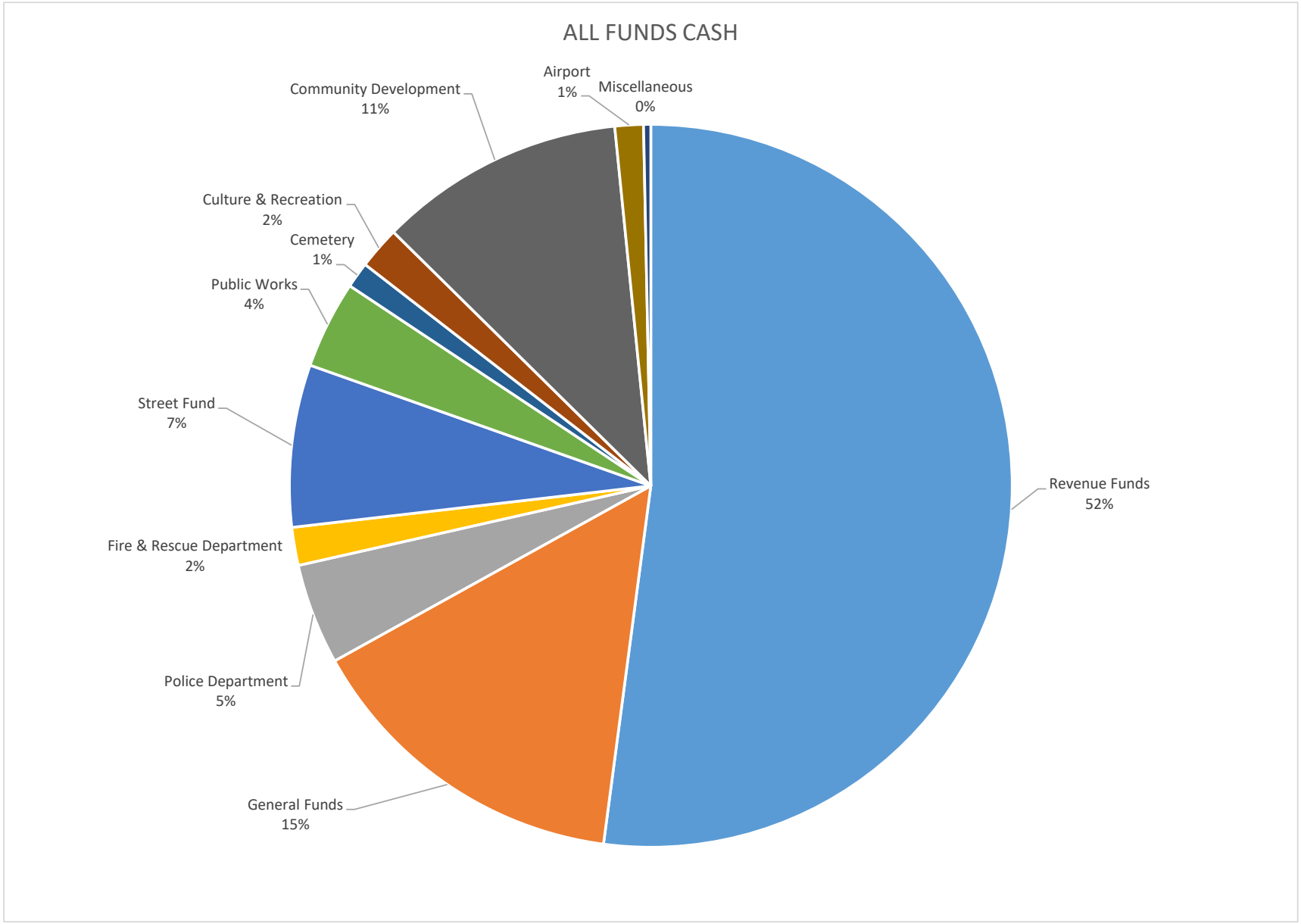
	fy 2023	7/31/2023	Cash		Budget	Year to date	Percent		Budget	Year to date	Percent
	83.33%	Fund	Balance		Revenue	Revenue	Revenue		Expense	Expense	Expense
FIRE & RESCUE	*301-1000*	Fire Dept. Operations PINN	$54,720.69		$156,450.00	$166,256.49	106%		$156,450.00	$150,441.80	96%
	302-1000	Rescue PINN	-$37,776.85		$350,000.00	$334,671.89	96%		$350,000.00	$341,034.25	97%
	303-1000	Fire Equipment PINN	$37,449.40		$69,050.00	$53,487.38	77%		$69,050.00	$53,560.16	78%
	304-1000	Fire Equipment II PINN	$28,980.15		$243,000.00	$44,831.00	18%		$243,000.00	$73,030.92	30%
	304-1043	Fire Equipment II Savings Pl	$152,633.88								
	304-1014	Fire Equipment II Invest NPA	$53,091.38								
	304-1015	Fire Equipment II CDs PINN	$50,000.00								
STREETS	*401-1000*	Street & Grade PINN	$1,210,876.98		$1,060,390.00	$928,876.03	88%		$1,060,390.00	$806,033.86	76%
	401-1015	Street & Grade PINN	$236,000.00								
PUBLIC WORKS	*501-1000*	City Hall PINN	$70,443.93		$54,988.00	$46,170.00	84%		$54,988.00	$42,381.34	77%
	502-1000	Community Center PINN	$51,107.44		$24,850.00	$22,225.00	89%		$24,850.00	$19,530.86	79%
	503-1000	Community Room/Shelter Pl	$36,652.37		$22,300.00	$21,075.60	95%		$22,300.00	$6,543.08	29%
	511-1000	Transfer Station PINN	$108,456.38		$47,500.00	$38,284.61	81%		$47,500.00	$30,264.66	64%
	512-1000	Landfill Reserve PINN	$288,368.57		$300,000.00	$20,820.00	7%		$300,000.00	$0.00	0%
	521-1000	Parks Maintenance PINN	$168,195.42		$289,500.00	$242,975.00	84%		$289,500.00	$173,503.53	60%
	522-1000	Swimming Pool Maintenance	$155,907.12		$49,800.00	$41,500.00	83%		$49,800.00	$27,873.87	56%
	531-1000	Capitol Outlay PINN	$175,800.22		$259,660.00	$238,185.00	92%		$259,660.00	$141,960.06	55%
	531-1015	Capitol Outlay CDs PINN	$90,000.00								
	532-1000	Capitol Improvements PINN	-$405,874.08		$3,990,500.00	$2,333,077.23	58%		$3,990,500.00	$1,859,247.63	47%
	532-1043	Capitol Improvements BANs	$93,581.43								
	551-1000	FEMA Disaster PINN	-$322,558.04		$1,200,000.00	$381,552.66	0%		$1,200,000.00	$106,896.86	0%
	561-1000	ARPA PINN	$271,597.04		$0.00	$0.00	0%		$0.00	$23,700.85	0%
CEMETERY	*601-1000*	Cemetery Maintenance PINN	$64,251.19		$91,560.00	$71,869.22	78%		$91,560.00	$95,444.43	104%
	601-1010	Kuncl Memorial Fund CBT	$5,197.32								
	601-1014	Maintenance Perpetual CD (	$22,000.00								
	601-1015	Maintenance CDs CBT	$10,000.00								
	602-1000	Cemetery Perpetual Care Pl	$21,127.36		$1,500.00	$2,497.62	167%		$1,500.00	$548.00	37%
	602-1010	Moser/Chrastil Memorial Fund CBT	$1,245.90								
	602-1015	Perpetual Care CDs PINN	$107,000.00								

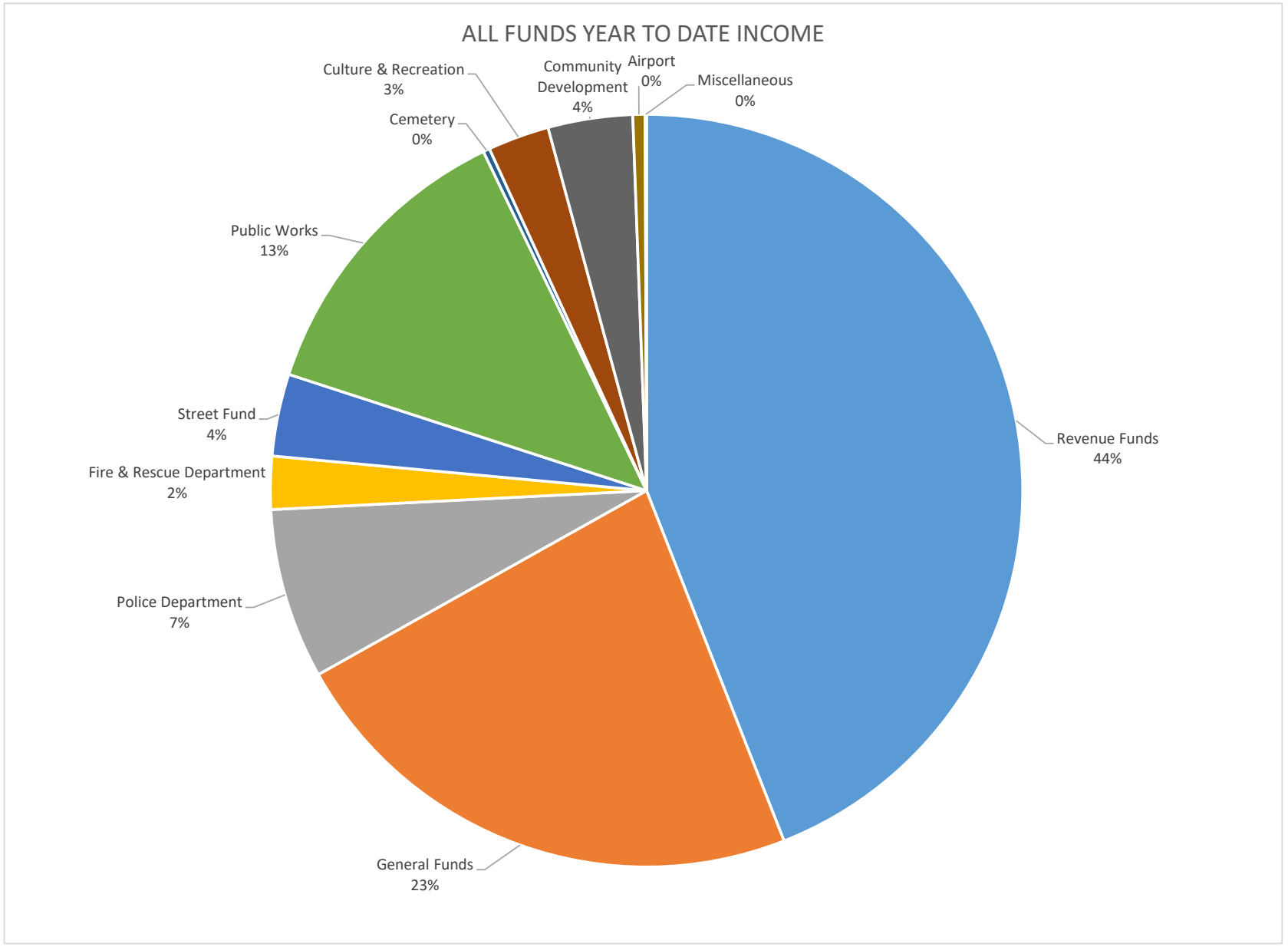
City of Crete
Treasurer's Report

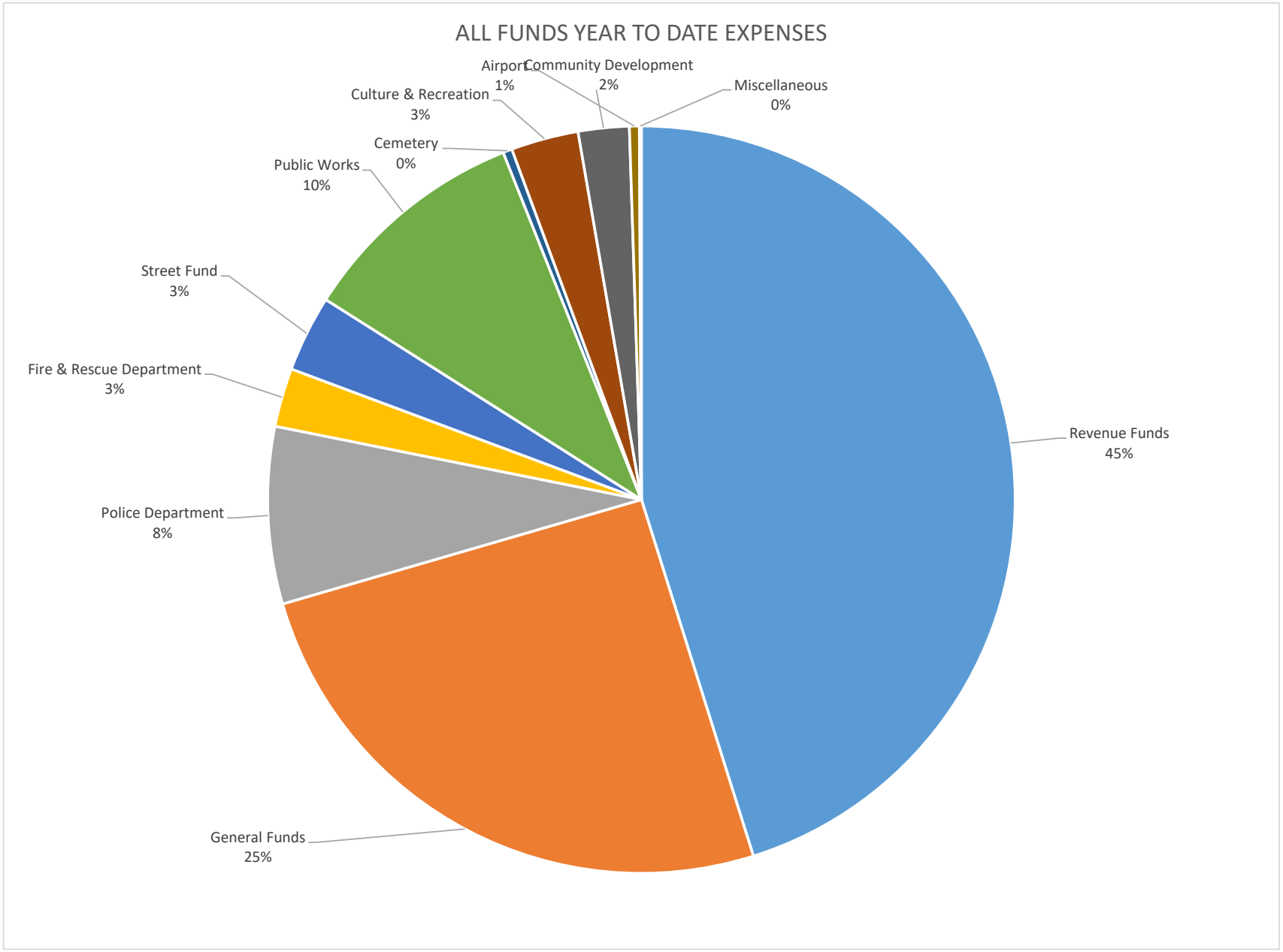
	fy 2023	7/31/2023	Cash		Budget	Year to date	Percent		Budget	Year to date	Percent
	83.33%	Fund	Balance		Revenue	Revenue	Revenue		Expense	Expense	Expense
CULTURE & RECREATION	*701-1000*	Library Operations PINN	$118,924.98		$579,000.00	$489,504.75	85%		$579,000.00	$493,493.85	85%
	702-1000	Library Reserve PINN	$11,763.42		$16,150.00	$8,514.47	53%		$16,150.00	$17,267.88	107%
	702-1014	Daughterty Library Reserve CDs PII	$0.00								
	702-1015	Library Reserve CDs PINN	$0.00								
	721-1000	Recreation Programs PINN	$205,830.28		$86,100.00	$73,251.28	85%		$86,100.00	$85,019.83	99%
	722-1000	Swimming Pool Programs P	$42,025.45		$120,200.00	$123,688.83	103%		$120,200.00	$115,803.47	96%
COMMUNITY DEVELOPMENT	*801-1000*	Economic Development PIN	$312,931.55		$1,525,000.00	$501,597.07	33%		$1,525,000.00	$32,541.73	2%
	801-1014	ED Loan Guarantee Fund PI	$498,048.30								
	801-1043	LB840 Savings PINN	$1,288,781.64								
	802-1000	Tax Increment Financing PII	$197,076.66		$180,500.00	$167,181.75	93%		$180,500.00	$205,436.84	114%
	810-1000	CCCFF Theater PINN	-$132,085.06		$152,500.00	$34,212.37	22%		$152,500.00	$37,051.37	24%
	851-1000	CDBG Housing PINN	-$3,175.22		$35,000.00	$42.86	0%		$35,000.00	$7,500.00	0%
	851-1043	Housing Savings PINN	$37,579.43								
	852-1000	CDBG DTR PINN	-$574.02		$550,000.00	$254,127.07	46%		$550,000.00	$254,127.07	46%
	853-1000	CDBG Streets PINN	$0.00		$0.00	$0.00	0%		$0.00	$0.00	0%
MISC.	951-1000	Payroll PINN	$61,116.91								
	952-1010	Health Insurance CBT	$1,358.71		$0.00	$16,006.32	0%		$0.00	$21,237.59	0%
	953-1010	Cafeteria Fund CBT	$1,680.26								
		Totals	$19,952,659.58		$35,863,603.00	$26,332,187.34	73%		$35,863,603.00	$24,374,424.49	68%

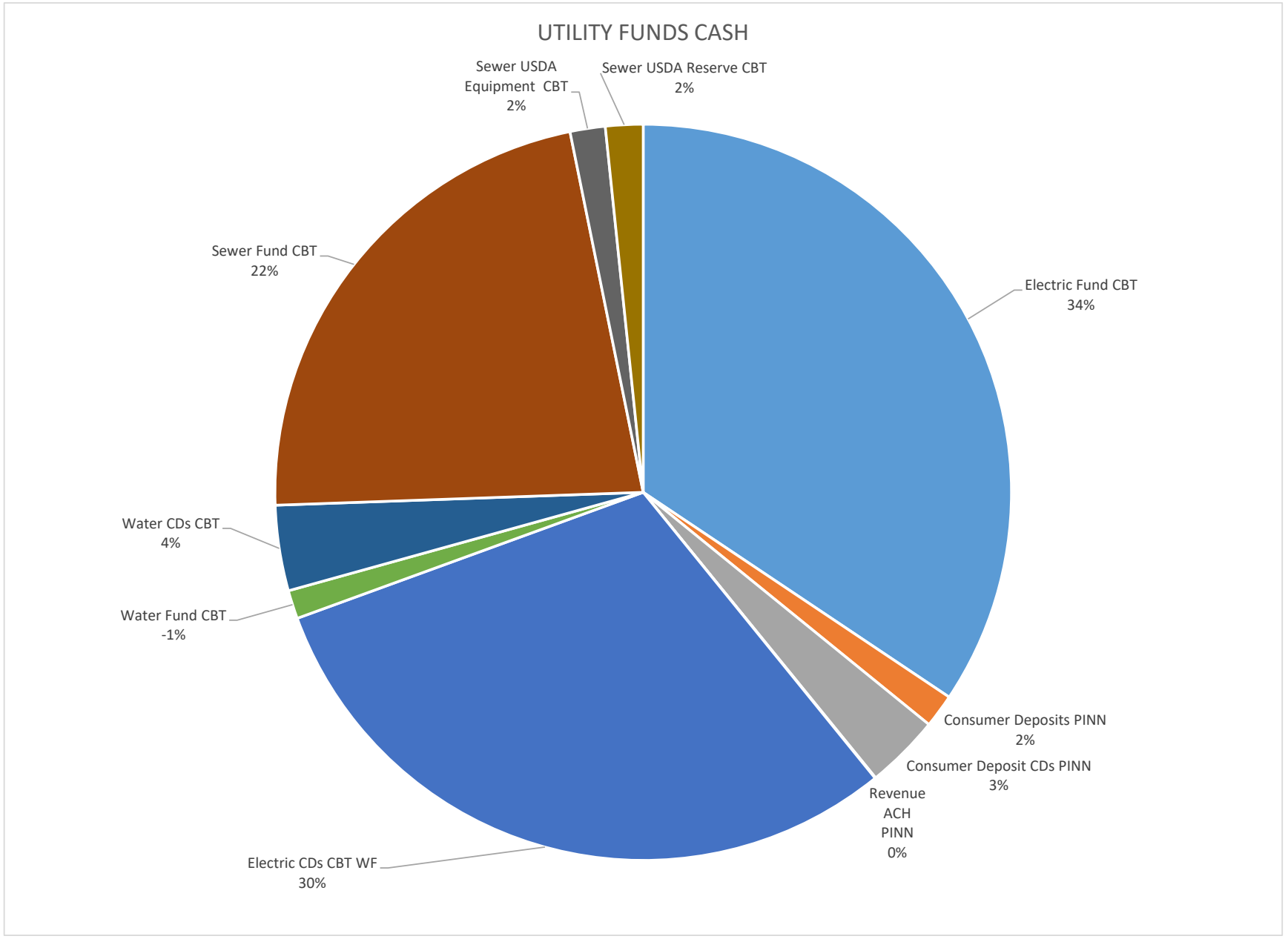
City of Crete
Treasurer's Report

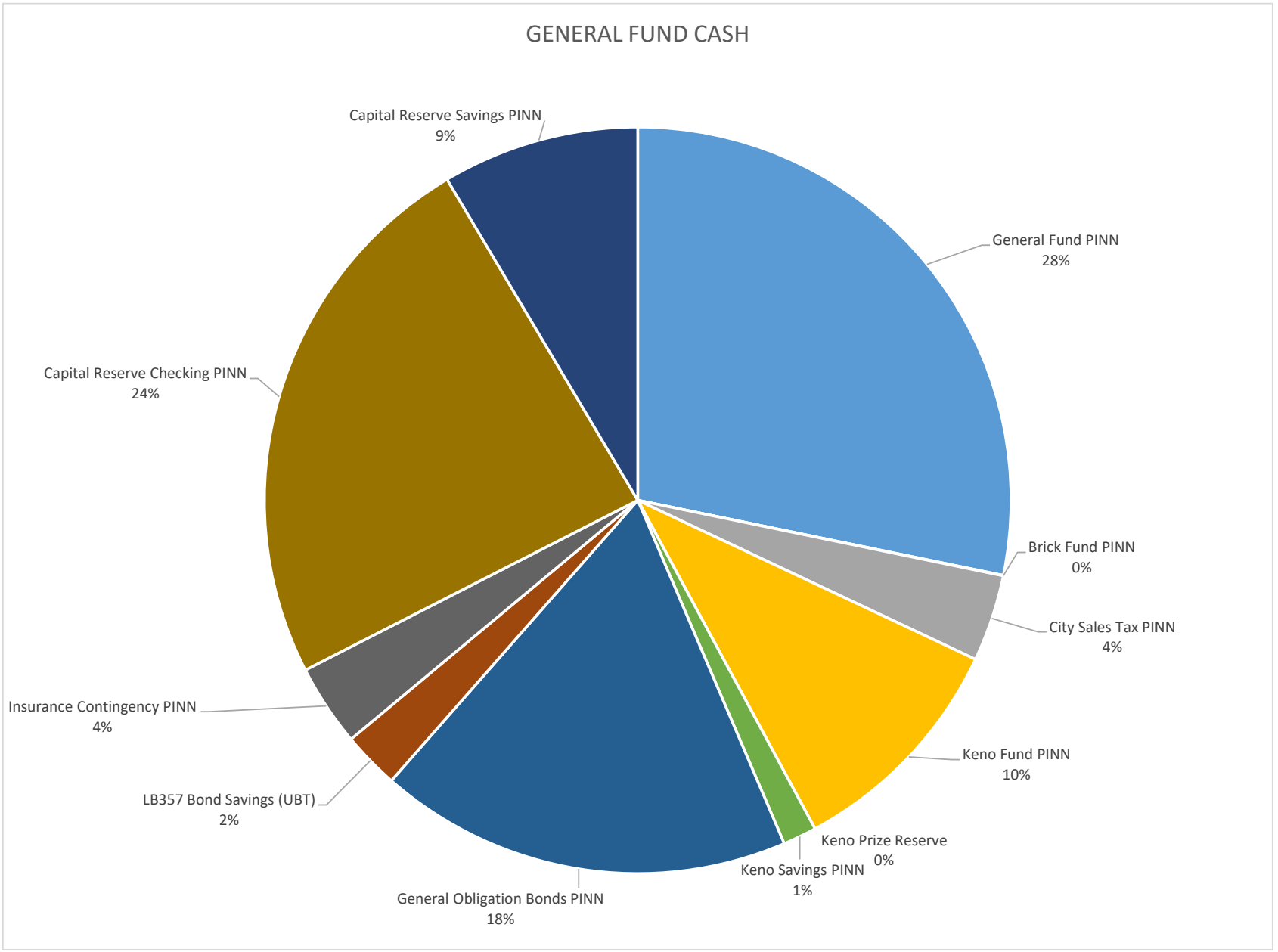
fy 2023	7/31/2023	Cash		Budget	Year to date	Percent		Budget	Year to date	Percent
83.33%	Fund	Balance		Revenue	Revenue	Revenue		Expense	Expense	Expense
	Revenue Funds	**$10,393,536.64**		**$14,723,150.00**	**$11,597,694.53**	**79%**		**$14,723,150.00**	**$11,006,698.20**	**75%**
	General Funds	**$2,965,115.96**		**$7,258,265.00**	**$6,011,790.65**	**83%**		**$7,258,265.00**	**$6,175,684.53**	**85%**
	Police Department	**$900,220.66**		**$2,294,690.00**	**$1,928,272.11**	**85%**		**$2,294,690.00**	**$1,866,339.55**	**99%**
	Fire & Rescue Department	**$339,098.65**		**$818,500.00**	**$599,246.76**	**73%**		**$818,500.00**	**$618,067.13**	**76%**
	Street Fund	**$1,446,876.98**		**$1,060,390.00**	**$928,876.03**	**88%**		**$1,060,390.00**	**$806,033.86**	**76%**
	Public Works	**$781,677.80**		**$6,239,098.00**	**$3,385,865.10**	**54%**		**$6,239,098.00**	**$2,431,902.74**	**39%**
	Cemetery	**$230,821.77**		**$93,060.00**	**$74,366.84**	**80%**		**$93,060.00**	**$95,992.43**	**103%**
	Culture & Recreation	**$378,544.13**		**$801,450.00**	**$694,959.33**	**87%**		**$801,450.00**	**$711,585.03**	**89%**
	Community Development	**$2,198,583.28**		**$2,443,000.00**	**$957,161.12**	**39%**		**$2,443,000.00**	**$536,657.01**	**22%**
	Airport	**$254,027.83**		**$132,000.00**	**$137,948.55**	**105%**		**$132,000.00**	**$104,226.42**	**79%**
	Miscellaneous	**$64,155.88**		**$0.00**	**$16,006.32**	**0%**		**$0.00**	**$21,237.59**	**0%**
	Total All Funds	**$19,952,659.58**		**$35,863,603.00**	**$26,332,187.34**	**73%**		**$35,863,603.00**	**$24,374,424.49**	**68%**
				DEBT	**Principal**	**Interest**		**Total**		**Annual**
				General Obligation	$2,475,000.00	$136,413.75		$2,611,413.75		$319,905.00
				Other Tax Funds	$4,305,000.00	$1,377,360.01		$5,682,360.01		$83,500.00
				Revenue Funds	$8,932,267.00	$948,694.67		$9,880,961.67		$223,500.00
				Total	$15,712,267.00	$2,462,468.43		$18,174,735.43		$626,905.00

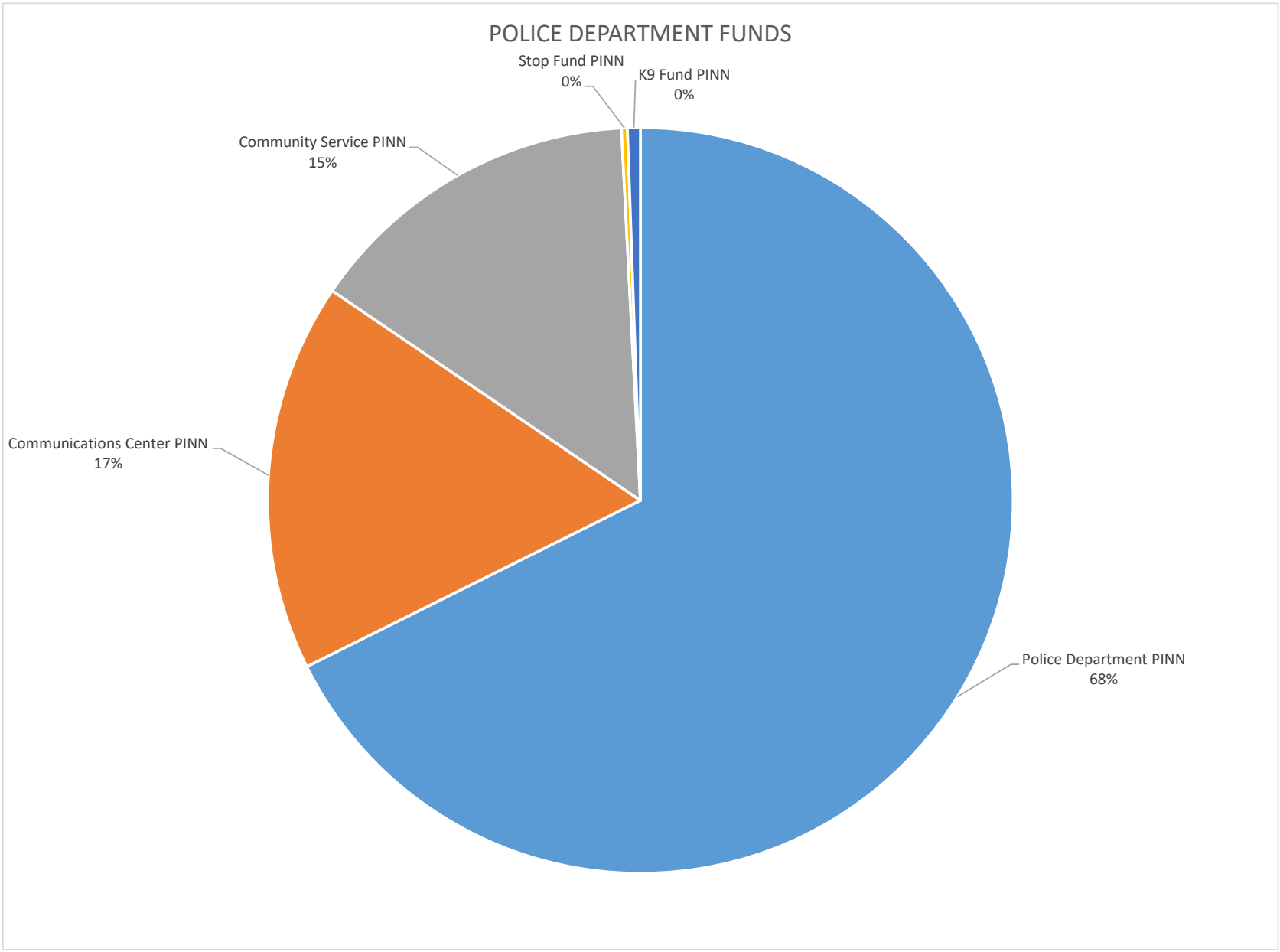

ALL FUNDS CASH
Community Development 11%
Airport 1%
Miscellaneous 0%
Culture & Recreation 2%
Cemetery 1%
Public Works 4%
Street Fund 7%
Fire & Rescue Department 2%
Police Department 5%
General Funds 15%
Revenue Funds 52%

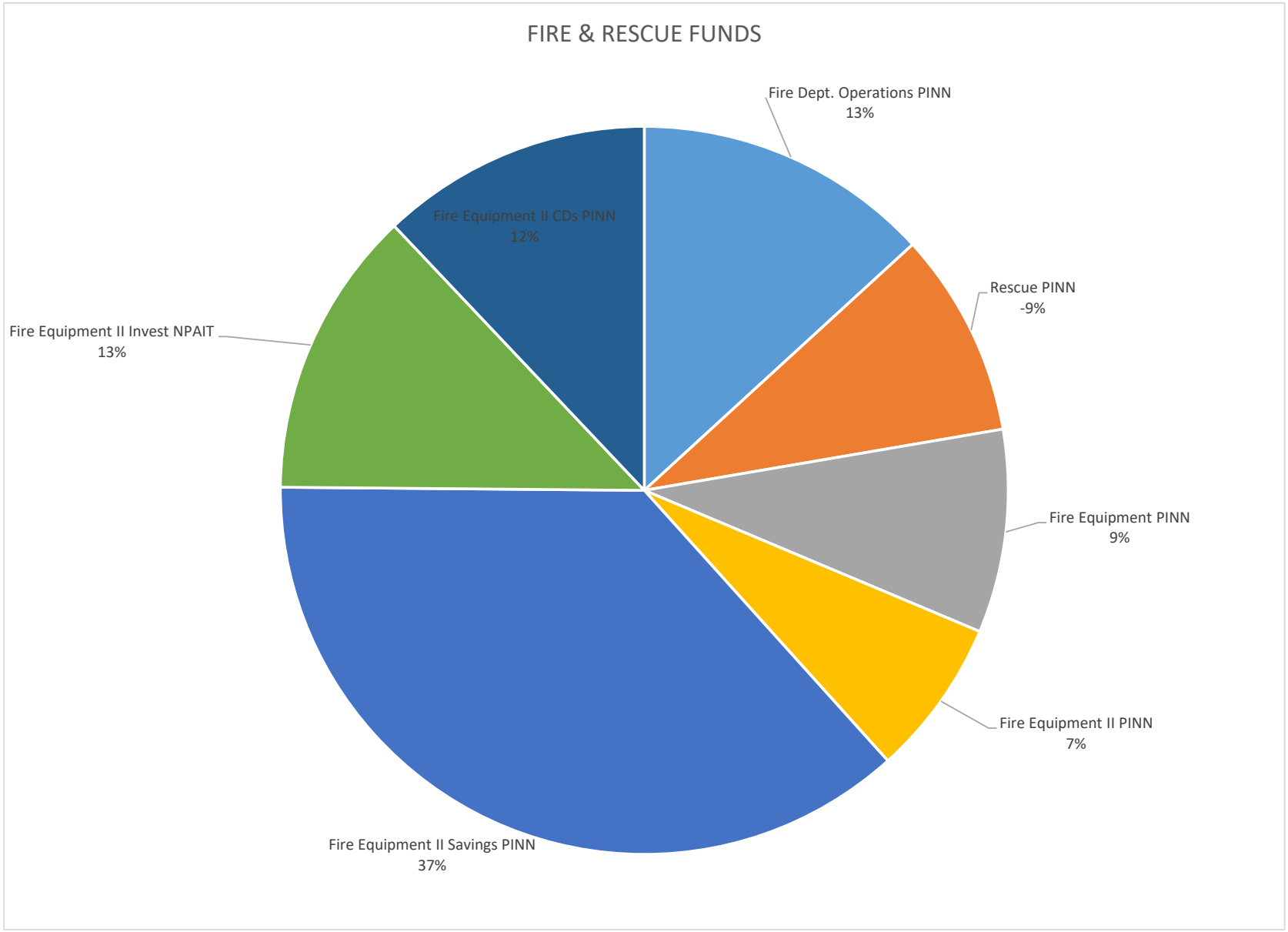

ALL FUNDS YEAR TO DATE INCOME
Culture & Recreation 3%
Community Development 4%
Airport 0%
Miscellaneous 0%
Cemetery 0%
Public Works 13%
Street Fund 4%
Fire & Rescue Department 2%
Police Department 7%
General Funds 23%
Revenue Funds 44%

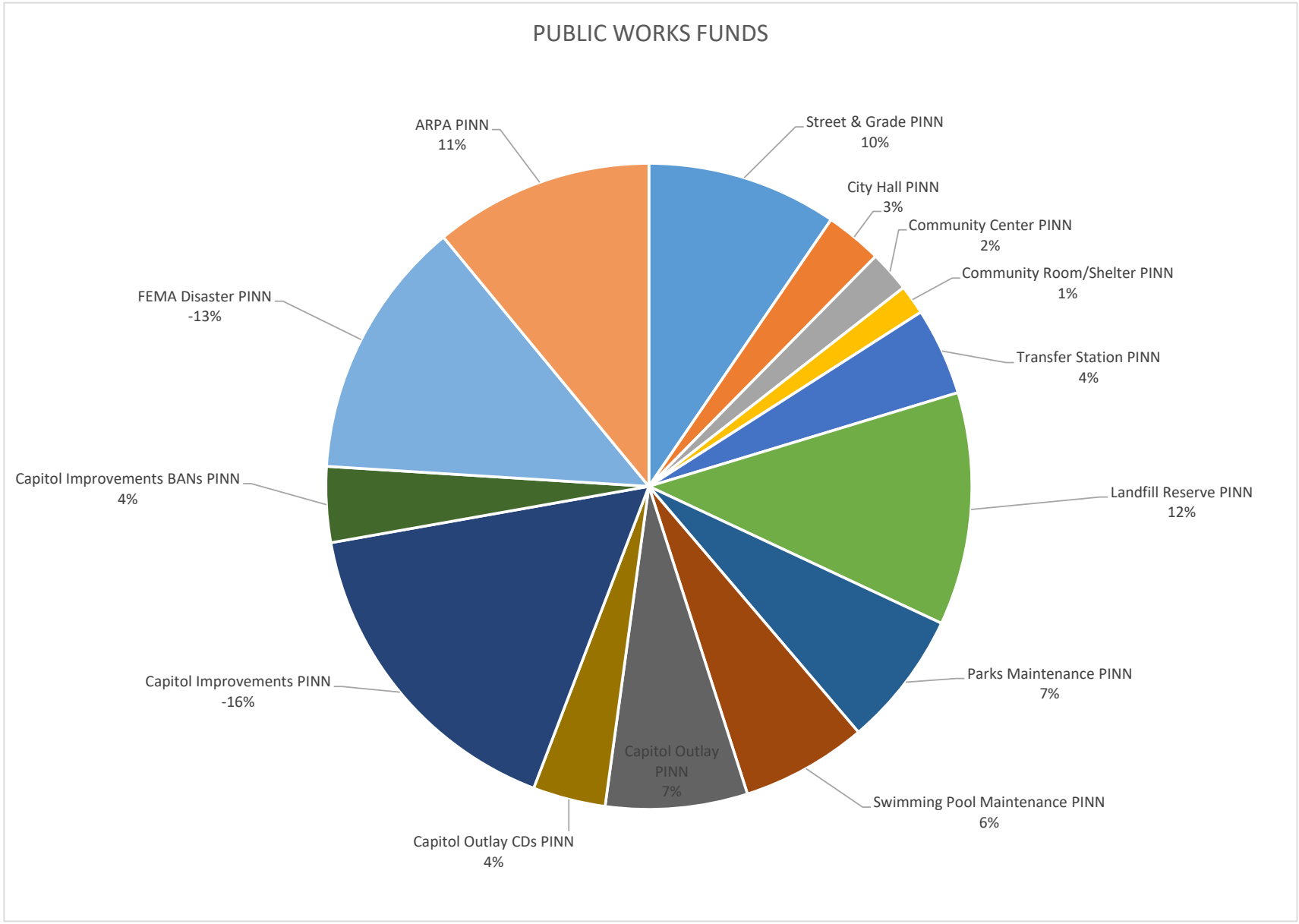

ALL FUNDS YEAR TO DATE EXPENSES
Airport 1%
Community Development 2%
Miscellaneous 0%
Culture & Recreation 3%
Cemetery 0%
Public Works 10%
Street Fund 3%
Fire & Rescue Department 3%
Police Department 8%
General Funds 25%
Revenue Funds 45%

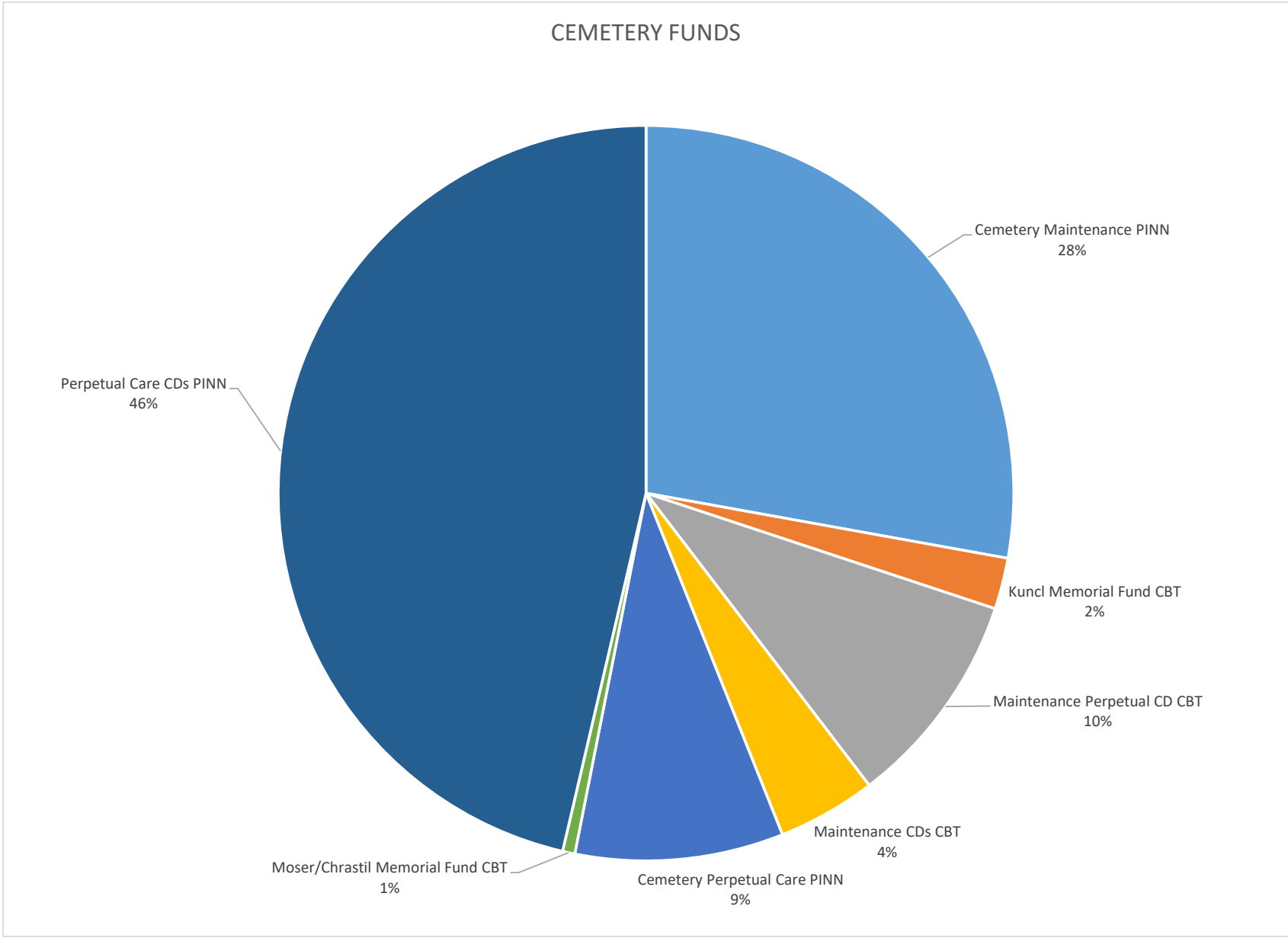

UTILITY FUNDS CASH
Sewer USDA Equipment CBT 2%
Sewer USDA Reserve CBT 2%
Sewer Fund CBT 22%
Electric Fund CBT 34%
Water CDs CBT 4%
Water Fund CBT -1%
Consumer Deposits PINN 2%
Consumer Deposit CDs PINN 3%
Revenue ACH PINN 0%
Electric CDs CBT WF 30%

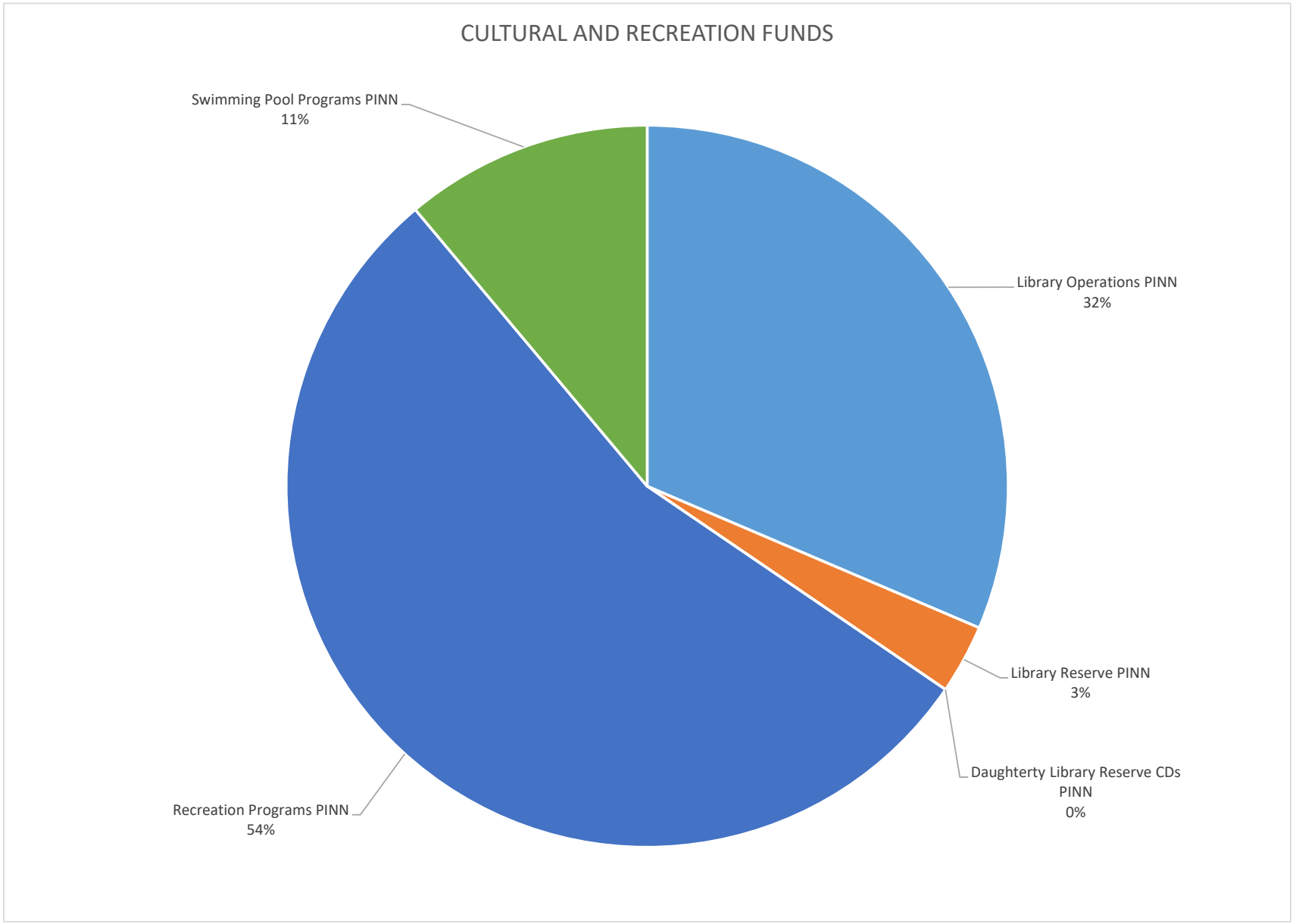

GENERAL FUND CASH
Capital Reserve Savings PINN
9%
General Fund PINN
28%
Capital Reserve Checking PINN
24%
Brick Fund PINN
0%
City Sales Tax PINN
4%
Insurance Contingency PINN
4%
Keno Fund PINN
10%
LB357 Bond Savings (UBT)
2%
Keno Prize Reserve
0%
Keno Savings PINN
1%
General Obligation Bonds PINN
18%

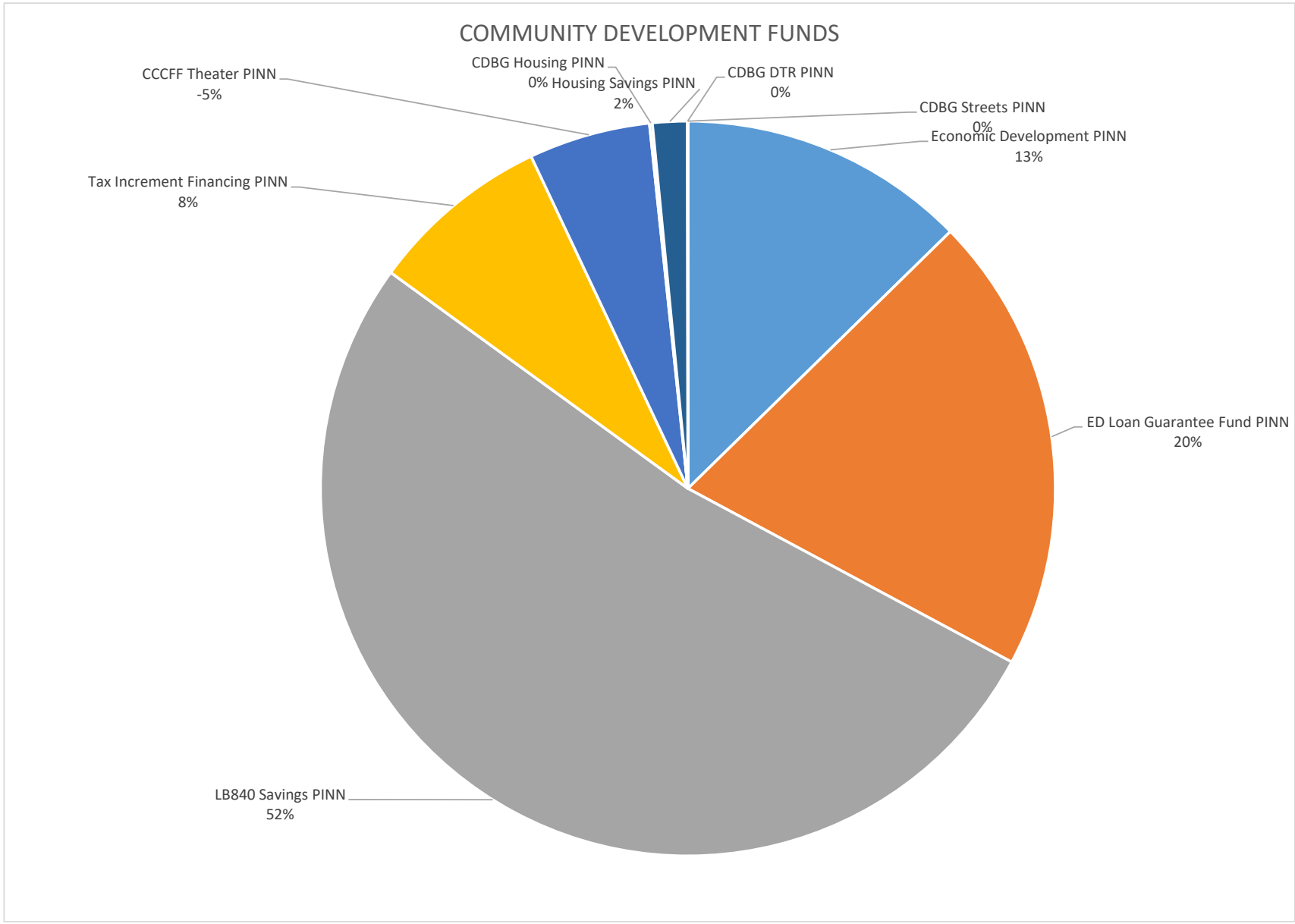

POLICE DEPARTMENT FUNDS
Stop Fund PINN
0%
K9 Fund PINN
0%
Community Service PINN
15%
Communications Center PINN
17%
Police Department PINN
68%

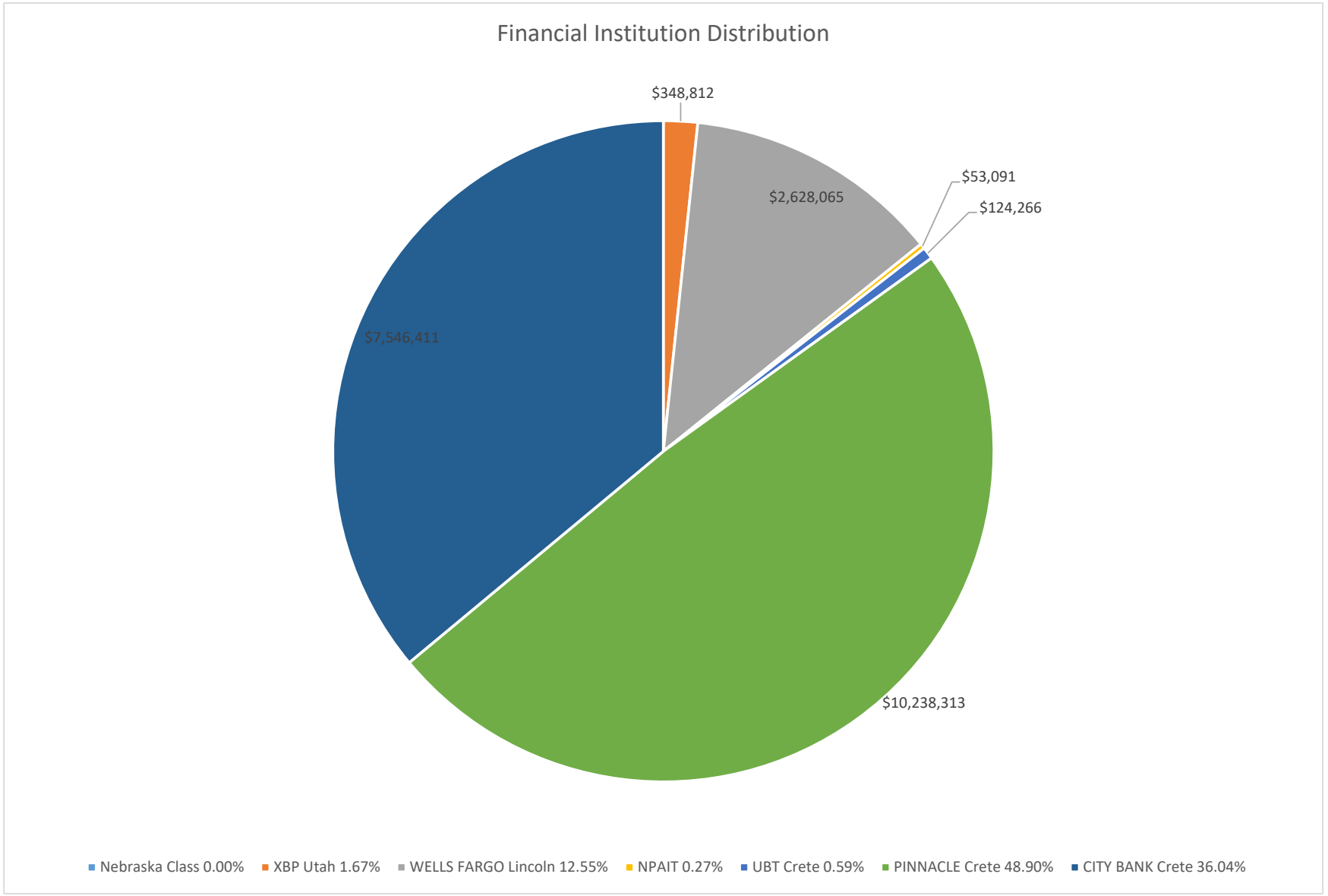

FIRE & RESCUE FUNDS
Fire Dept. Operations PINN
13%
Rescue PINN
-9%
Fire Equipment PINN
9%
Fire Equipment II PINN
7%
Fire Equipment II Savings PINN
37%
Fire Equipment II Invest NPAIT
13%
Fire Equipment II CDs PINN
12%


PUBLIC WORKS FUNDS
ARPA PINN
11%
Street & Grade PINN
10%
City Hall PINN
3%
Community Center PINN
2%
Community Room/Shelter PINN
1%
Transfer Station PINN
4%
Landfill Reserve PINN
12%
Parks Maintenance PINN
7%
Swimming Pool Maintenance PINN
6%
Capitol Outlay
PINN
7%
Capitol Outlay CDs PINN
4%
Capitol Improvements PINN
-16%
Capitol Improvements BANs PINN
4%
FEMA Disaster PINN
-13%


CEMETERY FUNDS
Cemetery Maintenance PINN
28%
Kuncl Memorial Fund CBT
2%
Maintenance Perpetual CD CBT
10%
Maintenance CDs CBT
4%
Cemetery Perpetual Care PINN
9%
Moser/Chrastil Memorial Fund CBT
1%
Perpetual Care CDs PINN
46%

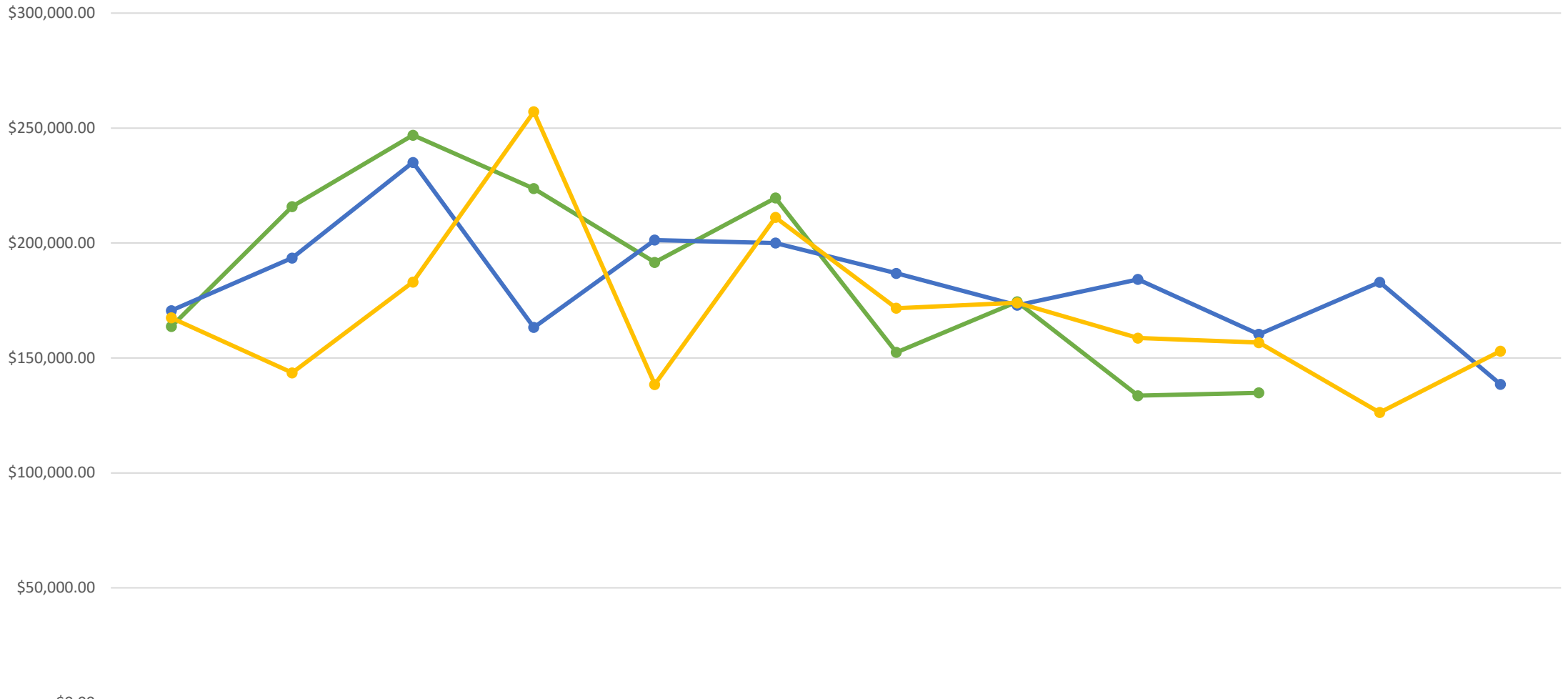

CULTURAL AND RECREATION FUNDS
Swimming Pool Programs PINN
11%
Library Operations PINN
32%
Library Reserve PINN
3%
Daughterty Library Reserve CDs
PINN
0%
Recreation Programs PINN
54%


COMMUNITY DEVELOPMENT FUNDS
CCCFF Theater PINN
-5%
CDBG Housing PINN
0% Housing Savings PINN
2%
CDBG DTR PINN
0%
CDBG Streets PINN
0%
Economic Development PINN
13%
Tax Increment Financing PINN
8%
ED Loan Guarantee Fund PINN
20%
LB840 Savings PINN
52%



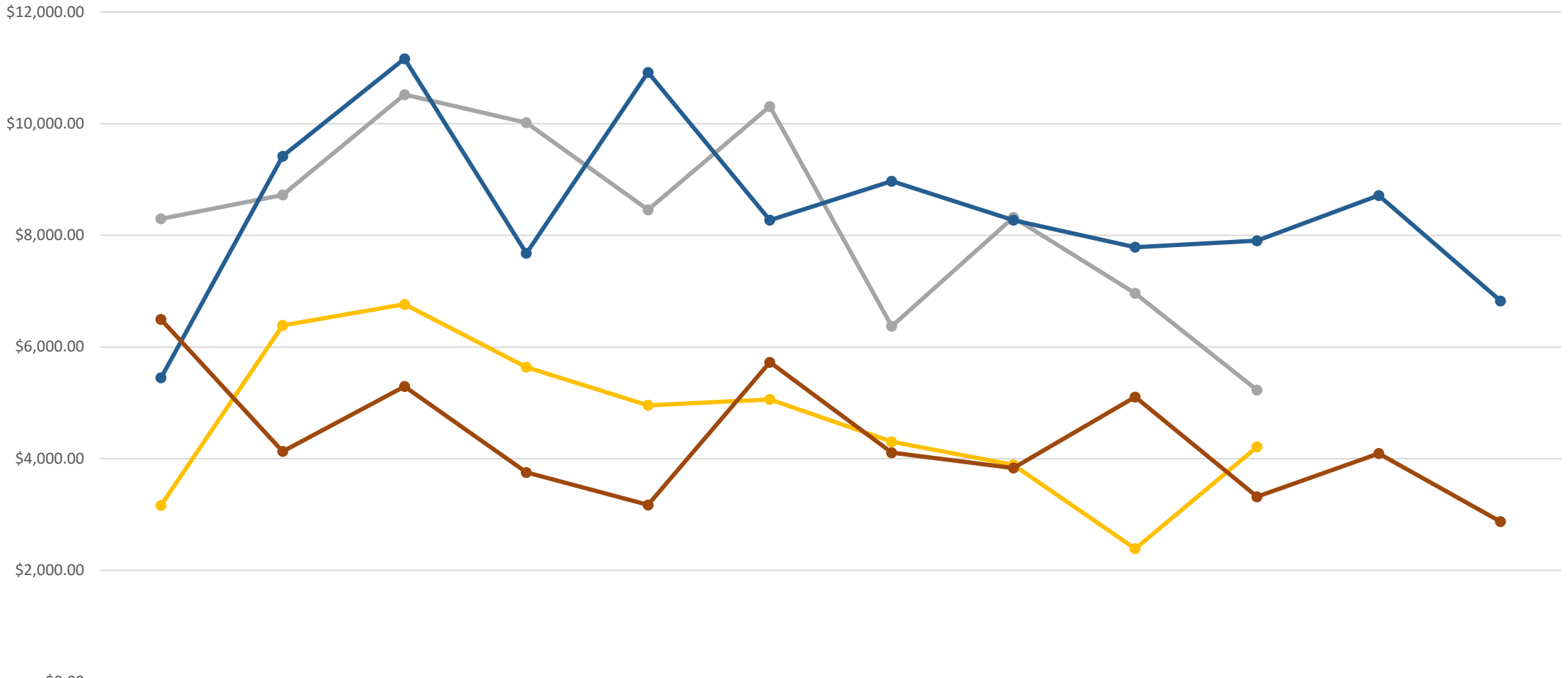
LOCAL	85.53%
NON-LOCAL	14.48%

GROSS SALES



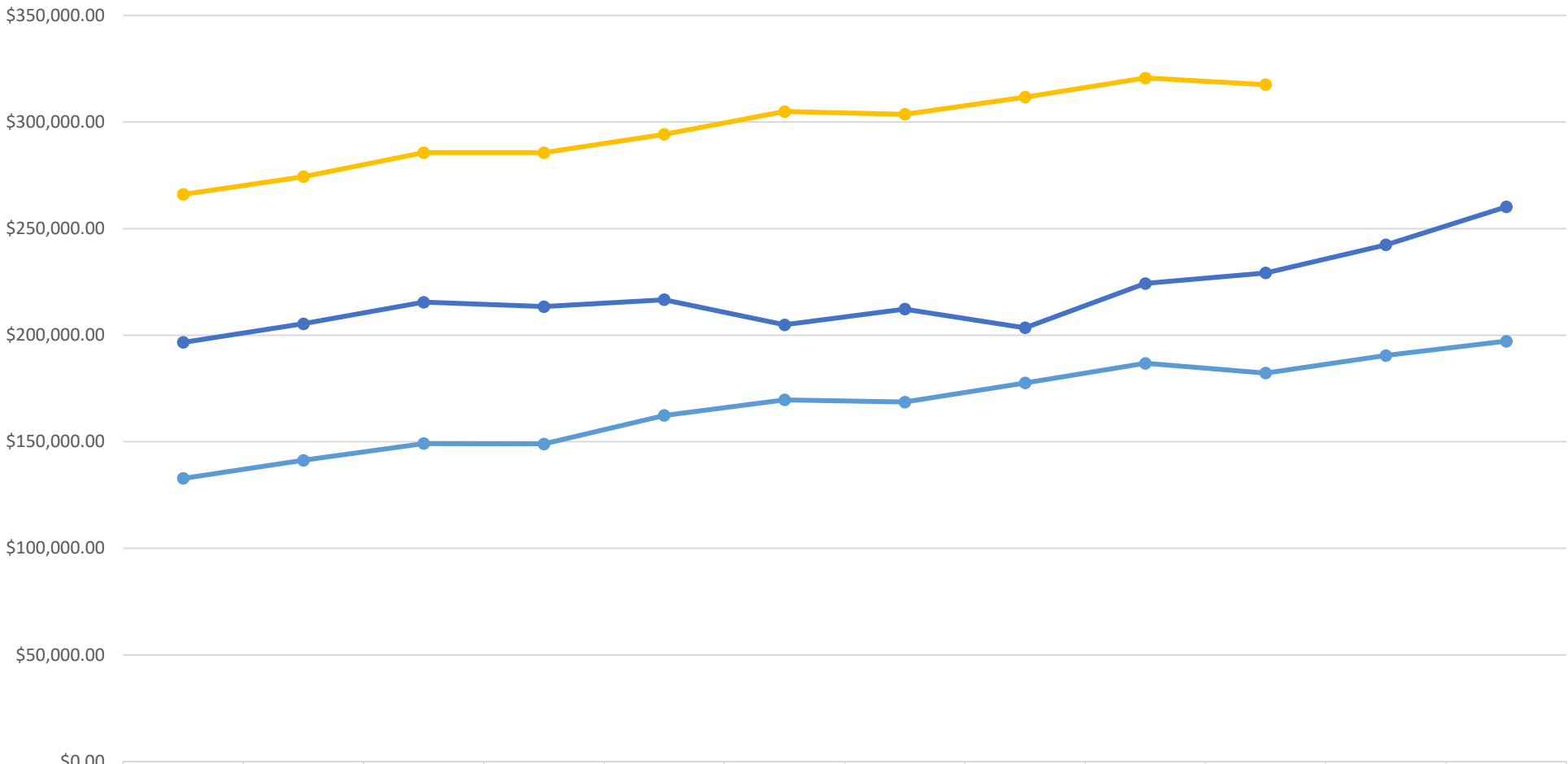
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Gross Sales 2023	$163,724.17	$215,871.22	$246,916.38	$223,676.47	$191,626.58	$219,588.51	$152,481.91	$174,438.02	$133,601.38	$134,855.41		
Gross Sales 2022	$170,592.50	$193,507.44	$235,089.41	$163,309.23	$201,296.95	$199,990.83	$186,813.28	$172,939.17	$184,175.02	$160,311.80	$182,941.40	$138,545.51
Gross Sales 2021	$167,500.65	$143,562.92	$183,053.28	$257,115.45	$138,509.40	$211,174.56	$171,672.63	$174,001.84	$158,700.73	$156,667.60	$126,321.61	$153,014.06

Outlet Commissions



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
My Bar 2023	$8,296.65	$8,723.74	$10,520.00	$10,017.15	$8,457.20	$10,309.10	$6,371.77	$8,321.46	$6,962.72	$5,227.88		
Eagles 2023	$3,164.04	$6,387.24	$6,764.14	$5,640.20	$4,956.66	$5,062.10	$4,301.97	$3,889.20	$2,389.38	$4,212.00		
My Bar 2022	$5,447.93	$9,416.40	$11,163.69	$7,678.77	$10,918.90	$8,272.55	$8,969.74	$8,272.55	$7,788.42	$7,904.42	$8,712.98	$6,825.50
Eagles 2022	$6,493.54	$4,129.12	$5,292.56	$3,752.88	$3,171.89	$5,726.81	$4,107.19	$3,833.20	$5,103.83	$3,317.41	$4,092.91	$2,872.69

Community Betterment Funds



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Community Betterment 2023	$266,038.25	$274,357.49	$285,607.69	$285,602.74	$294,226.47	$304,912.67	$303,608.61	$311,690.15	$320,658.89	$317,524.50		
Community Betterment 2022	$196,623.65	$205,317.57	$215,500.27	$213,383.79	$216,632.12	$204,846.53	$212,252.60	$203,432.27	$224,257.98	$229,183.43	$242,367.49	$260,181.90
Community Betterment 2021	$132,810.67	$141,321.27	$149,185.95	$148,993.16	$162,339.66	$169,687.59	$168,629.31	$177,563.11	$186,808.83	$182,249.81	$190,478.67	$197,183.71

Report Criteria:
Vendor.Vendor number = 0-1059,1061-99999999

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
911 CUSTOM (5)								
911 CUSTOM	1	Invoice	EXTERNAL VEST CARRIE	08/08/2023	1,091.00		08/23	531-6477
911 CUSTOM	1	Invoice	BALLISTIC VEST & CARRI	08/03/2023	1,510.50		08/23	531-6477
911 CUSTOM	1	Invoice	UNIFORM STARS	08/01/2023	39.98		08/23	531-6477
Total 911 CUSTOM (5):					2,641.48			
AKRS EQUIPMENT (80)								
AKRS EQUIPMENT	1	Invoice	BLADE	07/20/2023	54.96		08/23	601-5791
Total AKRS EQUIPMENT (80):					54.96			
AMAZON BUSINESS (6116)								
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	07/29/2023	14.71		08/23	701-5691
AMAZON BUSINESS	1	Invoice	REPLACEMENTS	07/30/2023	15.27		08/23	701-5693
AMAZON BUSINESS	1	Invoice	PROGRAM EXPENSE	07/30/2023	216.70		08/23	701-6210
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	07/30/2023	101.03		08/23	701-5691
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	07/31/2023	138.53		08/23	701-5691
AMAZON BUSINESS	1	Invoice	POLICE EQUIPMENT	08/02/2023	65.50		08/23	531-6477
AMAZON BUSINESS	1	Invoice	OFFICE SUPPLIES	07/28/2023	60.04		08/23	201-9900
AMAZON BUSINESS	1	Invoice	REPLACEMENTS	08/02/2023	14.99		08/23	701-5693
AMAZON BUSINESS	1	Invoice	REPLACEMENTS	08/02/2023	18.99		08/23	701-5693
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/02/2023	14.79		08/23	701-5691
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/02/2023	8.49		08/23	701-5691
AMAZON BUSINESS	1	Invoice	POLICE EQUIPMENT	08/03/2023	104.88		08/23	531-6477
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/04/2023	16.18		08/23	701-5691
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/05/2023	37.34		08/23	701-5691
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/06/2023	33.27		08/23	701-5691
AMAZON BUSINESS	1	Invoice	BOOKS/MAGAZINES	08/06/2023	62.97		08/23	701-5691
AMAZON BUSINESS	1	Invoice	DRUG TEST KITS	08/08/2023	343.20		08/23	201-5660
Total AMAZON BUSINESS (6116):					1,266.88			
AQUA-CHEM INC (260)								
AQUA-CHEM INC	1	Invoice	150LB CHLORINE CYL.	06/02/2023	748.40		08/23	002-7041
AQUA-CHEM INC	2	Invoice	HAZARDOUS MATERIAL	06/02/2023	1.00		08/23	002-7041

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total AQUA-CHEM INC (260):					749.40			
BAKER & TAYLOR (370)								
BAKER & TAYLOR	1	Invoice	BOOKS/MAGAZINES	07/19/2023	40.18		08/23	701-5691
BAKER & TAYLOR	1	Invoice	BOOKS/MAGAZINES	07/19/2023	15.66		08/23	701-5691
BAKER & TAYLOR	1	Invoice	BOOKS/MAGAZINES	07/26/2023	132.87		08/23	701-5691
Total BAKER & TAYLOR (370):					188.71			
BARLEY, SAM (6321)								
BARLEY, SAM	1	Invoice	PARTIAL REFUND (DOUB	07/24/2023	100.00		08/23	722-4960
Total BARLEY, SAM (6321):					100.00			
BAUER INSURANCE INC (410)								
BAUER INSURANCE INC	1	Invoice	INSURANCE	08/07/2023	40.00		08/23	101-9720
Total BAUER INSURANCE INC (410):					40.00			
BEATRICE CONCRETE CO (440)								
BEATRICE CONCRETE CO	1	Invoice	CRUSHED CONCRETE	07/27/2023	154.29		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	CRUSHED CONCRETE	07/27/2023	59.57		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	CONCRETE	07/25/2023	1,916.20		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	47B ROCK	07/31/2023	104.52		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	DEC RIVER ROCK #1	08/01/2023	423.44		08/23	531-6480
BEATRICE CONCRETE CO	1	Invoice	47B ROCK	08/07/2023	466.83		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	47B ROCK	08/07/2023	338.52		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	47B ROCK	08/07/2023	460.59		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	47B ROCK	08/07/2023	66.30		08/23	401-5980
BEATRICE CONCRETE CO	1	Invoice	CONCRETE	08/03/2023	554.10		08/23	401-5980
BEATRICE CONCRETE CO	2	Invoice	CONCRETE	08/03/2023	92.35		08/23	401-5880
BEATRICE CONCRETE CO	1	Invoice	CONCRETE	08/09/2023	4,164.20		08/23	401-5880
Total BEATRICE CONCRETE CO (440):					8,800.91			
BLACK HILLS ENERGY (495)								
BLACK HILLS ENERGY	1	Invoice	7515-0723-40 210 E 14TH	07/26/2023	54.40		08/23	301-7530
Total BLACK HILLS ENERGY (495):					54.40			

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
BOUND TREE MEDICAL LLC (5598)								
BOUND TREE MEDICAL LLC	1	Invoice	MEDICAL SUPPLIES	08/02/2023	492.83		08/23	302-5341
Total BOUND TREE MEDICAL LLC (5598):					492.83			
BRIAN DESSEL (6331)								
BRIAN DESSEL	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	26.40		08/23	001-3500
Total BRIAN DESSEL (6331):					26.40			
CANON FINANCIAL SERVICES INC (5778)								
CANON FINANCIAL SERVICES INC	1	Invoice	COPIER CONTRACT 8604	08/01/2023	51.00		08/23	101-9740
CANON FINANCIAL SERVICES INC	2	Invoice	COPIER CONTRACT 8604	08/01/2023	51.00		08/23	201-9740
CANON FINANCIAL SERVICES INC	3	Invoice	COPIER CONTRACT 8604	08/01/2023	51.00		08/23	401-9740
CANON FINANCIAL SERVICES INC	4	Invoice	COPIER CONTRACT 8604	08/01/2023	51.00		08/23	701-9740
CANON FINANCIAL SERVICES INC	5	Invoice	COPIER CONTRACT 8604	08/01/2023	51.00		08/23	721-9740
Total CANON FINANCIAL SERVICES INC (5778):					255.00			
CAROLINA SEGURA (6332)								
CAROLINA SEGURA	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	81.24		08/23	001-3500
Total CAROLINA SEGURA (6332):					81.24			
CASELLE, INC. (5609)								
CASELLE, INC.	1	Invoice	CONTRACT SUPPORT &	08/01/2023	963.21		08/23	001-9910
CASELLE, INC.	2	Invoice	CONTRACT SUPPORT &	08/01/2023	404.17		08/23	002-9910
CASELLE, INC.	3	Invoice	CONTRACT SUPPORT &	08/01/2023	315.23		08/23	003-9910
CASELLE, INC.	4	Invoice	CONTRACT SUPPORT &	08/01/2023	933.39		08/23	101-6050
Total CASELLE, INC. (5609):					2,616.00			
CATALINA REGALADO (6323)								
CATALINA REGALADO	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	68.42		08/23	001-3500
Total CATALINA REGALADO (6323):					68.42			
CITY REVENUE FUND (860)								
CITY REVENUE FUND	1	Invoice	FUEL OIL RECOVERY	08/01/2023	61.65		08/23	001-7090
CITY REVENUE FUND	2	Invoice	GAS PUMPS	08/01/2023	52.72		08/23	001-9670
CITY REVENUE FUND	3	Invoice	WATER (4)	08/01/2023	10,166.62		08/23	002-7100

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
CITY REVENUE FUND	4	Invoice	SEWER	08/01/2023	1,609.45		08/23	003-7530
CITY REVENUE FUND	5	Invoice	GENERAL (POLICE 1)	08/01/2023	707.56		08/23	201-5215
CITY REVENUE FUND	6	Invoice	GENERAL (POLICE 8)	08/01/2023	.00		00/00	201-5610
CITY REVENUE FUND	7	Invoice	CITY HALL	08/01/2023	814.05		08/23	501-7530
CITY REVENUE FUND	8	Invoice	STREET & GRADE (6)	08/01/2023	3,146.73		08/23	401-7530
CITY REVENUE FUND	9	Invoice	STREET & GRADE (7)	08/01/2023	200.76		08/23	401-5890
CITY REVENUE FUND	10	Invoice	FIRE MAINT.	08/01/2023	638.01		08/23	301-7530
CITY REVENUE FUND	11	Invoice	CEMETERY	08/01/2023	38.73		08/23	601-7530
CITY REVENUE FUND	12	Invoice	SAN. LANDFILL	08/01/2023	44.46		08/23	511-7530
CITY REVENUE FUND	13	Invoice	LIBRARY	08/01/2023	2,194.08		08/23	701-7530
CITY REVENUE FUND	14	Invoice	PARK & REC	08/01/2023	1,741.64		08/23	521-7530
CITY REVENUE FUND	15	Invoice	THEATRE	08/01/2023	61.65		08/23	810-5210
CITY REVENUE FUND	16	Invoice	SWIMMING POOL	08/01/2023	1,494.07		08/23	522-7530
CITY REVENUE FUND	17	Invoice	COMM. DEVELOP.	08/01/2023	102.64		08/23	101-6201
CITY REVENUE FUND	18	Invoice	CHARGING STATION	08/01/2023	.00		00/00	001-9890
CITY REVENUE FUND	1	Invoice	ELECTRIC	08/01/2023	68.39		08/23	001-7060
CITY REVENUE FUND	2	Invoice	POLICE	08/01/2023	41.17		08/23	201-5215
CITY REVENUE FUND	3	Invoice	CITY HALL	08/01/2023	35.91		08/23	501-7530
CITY REVENUE FUND	4	Invoice	STREET & GRADE	08/01/2023	36.78		08/23	401-7530
CITY REVENUE FUND	5	Invoice	FIRE MAINT.	08/01/2023	34.15		08/23	301-7530
CITY REVENUE FUND	6	Invoice	LIBRARY	08/01/2023	33.01		08/23	701-7530
CITY REVENUE FUND	7	Invoice	PARK BLDG	08/01/2023	.00		00/00	721-7530
CITY REVENUE FUND	8	Invoice	SWIMMING POOL	08/01/2023	.00		00/00	522-7530
CITY REVENUE FUND	9	Invoice	THEATRE	08/01/2023	.00		00/00	810-5210
CITY REVENUE FUND	10	Invoice	PARK & REC	08/01/2023	132.85		08/23	521-7530
CITY REVENUE FUND	1	Invoice	ELECTRIC	08/01/2023	125.10		08/23	001-7060
CITY REVENUE FUND	2	Invoice	SEWER REV	08/01/2023	751.62		08/23	003-7530
CITY REVENUE FUND	3	Invoice	POLICE	08/01/2023	39.89		08/23	201-5215
CITY REVENUE FUND	4	Invoice	CITY HALL	08/01/2023	83.89		08/23	501-7530
CITY REVENUE FUND	5	Invoice	STREET & GRADE	08/01/2023	68.46		08/23	401-7530
CITY REVENUE FUND	6	Invoice	FIRE MAINT.	08/01/2023	75.73		08/23	301-7530
CITY REVENUE FUND	7	Invoice	CEMETERY	08/01/2023	22.57		08/23	601-7530
CITY REVENUE FUND	8	Invoice	LANDFILL	08/01/2023	.00		00/00	511-7530
CITY REVENUE FUND	9	Invoice	LIBRARY	08/01/2023	239.56		08/23	701-7530
CITY REVENUE FUND	10	Invoice	PARKS & REC	08/01/2023	534.70		08/23	521-7530
CITY REVENUE FUND	11	Invoice	THEATRE	08/01/2023	.00		00/00	810-5210
CITY REVENUE FUND	12	Invoice	SWIMMING POOL	08/01/2023	430.66		08/23	522-7530
CITY REVENUE FUND	13	Invoice	PARK BLDG	08/01/2023	36.89		08/23	721-7530
CITY REVENUE FUND	14	Invoice	AIRPORT	08/01/2023	38.57		08/23	050-7530
CITY REVENUE FUND	1	Invoice	POLICE	07/01/2023	2,271.25		08/23	201-5800
CITY REVENUE FUND	2	Invoice	POLICE	07/01/2023	168.90		08/23	203-5800

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
CITY REVENUE FUND	3	Invoice	STREET	07/01/2023	1,337.66		08/23	401-5800
CITY REVENUE FUND	4	Invoice	FIRE	07/01/2023	270.01		08/23	301-5800
CITY REVENUE FUND	5	Invoice	CEMETERY	07/01/2023	169.53		08/23	601-5800
CITY REVENUE FUND	6	Invoice	PARK&REC	07/01/2023	486.00		08/23	521-5800
CITY REVENUE FUND	1	Invoice	POLICE	08/01/2023	2,171.41		08/23	201-5800
CITY REVENUE FUND	2	Invoice	POLICE	08/01/2023	149.09		08/23	203-5800
CITY REVENUE FUND	3	Invoice	STREET	08/01/2023	1,376.71		08/23	401-5800
CITY REVENUE FUND	4	Invoice	FIRE	08/01/2023	230.96		08/23	301-5800
CITY REVENUE FUND	5	Invoice	CEMETERY	08/01/2023	301.59		08/23	601-5800
CITY REVENUE FUND	6	Invoice	PARK&REC	08/01/2023	1,308.76		08/23	521-5800
CITY REVENUE FUND	7	Invoice	AIRPORT	08/01/2023	101.90		08/23	050-5800
CITY REVENUE FUND	1	Invoice	PAPER TOWELS	08/11/2023	16.29		08/23	001-8230
CITY REVENUE FUND	2	Invoice	PAPER TOWELS	08/11/2023	16.28		08/23	002-8230
CITY REVENUE FUND	1	Invoice	CONSUMER DEPOSIT AP	08/15/2023	2,586.67		08/23	001-3500
Total CITY REVENUE FUND (860):					38,867.73			
CLINE WILLIAMS LLP (895)								
CLINE WILLIAMS LLP	1	Invoice	GEN BUSINESS	08/07/2023	2,457.82		08/23	101-9860
CLINE WILLIAMS LLP	2	Invoice	GEN BUSINESS	08/07/2023	614.46		08/23	401-9860
CLINE WILLIAMS LLP	3	Invoice	GEN BUSINESS	08/07/2023	1,843.36		08/23	001-9860
CLINE WILLIAMS LLP	4	Invoice	GEN BUSINESS	08/07/2023	614.46		08/23	002-9860
CLINE WILLIAMS LLP	5	Invoice	GEN BUSINESS	08/07/2023	614.46		08/23	003-9860
CLINE WILLIAMS LLP	1	Invoice	SENIOR VILLAS REDEV P	08/07/2023	1,395.00		08/23	802-5386
CLINE WILLIAMS LLP	1	Invoice	CARDINAL VENTURES R	08/07/2023	2,092.50		08/23	802-5386
CLINE WILLIAMS LLP	1	Invoice	EMPLOYEE BENEFITS C	08/07/2023	82.00		08/23	101-9860
Total CLINE WILLIAMS LLP (895):					9,714.06			
CODY, LIZ (6277)								
CODY, LIZ	1	Invoice	LIFEGUARD RECERTIFIC	04/17/2023	150.00		08/23	722-9760
Total CODY, LIZ (6277):					150.00			
CONFLUENCE INC (6103)								
CONFLUENCE INC	1	Invoice	22251 CRETE COMPREH	07/17/2023	11,269.60		08/23	101-5480
Total CONFLUENCE INC (6103):					11,269.60			
CONSOLIDATED MANAGEMENT COMPANY (955)								
CONSOLIDATED MANAGEMENT COMPANY	1	Invoice	MEETING/TRAINING	08/09/2023	70.25		08/23	201-5120

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total CONSOLIDATED MANAGEMENT COMPANY (955):					70.25			
CORE & MAIN LP (1005)								
CORE & MAIN LP	1	Invoice	1 IPERL METER	08/02/2023	3,372.87	1478	08/23	002-8090
CORE & MAIN LP	2	Invoice	HER TRU-READ VISUAL	08/02/2023	1,402.23	1478	08/23	002-8090
Total CORE & MAIN LP (1005):					4,775.10			
CRETE FOODMART (GEN) (1095)								
CRETE FOODMART (GEN)	1	Invoice	OFFICE SUPPLIES	07/05/2023	6.78		08/23	701-9900
CRETE FOODMART (GEN)	1	Invoice	JANITORIAL SUPPLIES	07/27/2023	27.08		08/23	701-5541
Total CRETE FOODMART (GEN) (1095):					33.86			
CRETE LUMBER & FARM SUPPLY CO (1110)								
CRETE LUMBER & FARM SUPPLY CO	1	Invoice	PVC PIPE/COUPLING	08/10/2023	50.06		08/23	002-8031
Total CRETE LUMBER & FARM SUPPLY CO (1110):					50.06			
CRETE VETERINARY CLINIC (1140)								
CRETE VETERINARY CLINIC	1	Invoice	BOARD - DOG	07/14/2023	127.93		08/23	203-5345
CRETE VETERINARY CLINIC	1	Invoice	BOARD - 2 CATS	07/13/2023	192.00		08/23	203-5345
CRETE VETERINARY CLINIC	1	Invoice	BOARD - DOG	07/26/2023	18.28		08/23	203-5345
Total CRETE VETERINARY CLINIC (1140):					338.21			
CULLIGAN WATER SERVICE (1160)								
CULLIGAN WATER SERVICE	1	Invoice	WATER COOLER RENTAL	07/31/2023	49.00		08/23	701-9900
Total CULLIGAN WATER SERVICE (1160):					49.00			
CUSTOM COOLING & HEATING (5587)								
CUSTOM COOLING & HEATING	1	Invoice	A/C REPAIRS	07/27/2023	130.00		08/23	531-6480
Total CUSTOM COOLING & HEATING (5587):					130.00			
DEPOSITORY TRUST COMPANY (5607)								
DEPOSITORY TRUST COMPANY	1	Invoice	BOND INTEREST	08/14/2023	2,148.75		08/23	150-9971

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total DEPOSITORY TRUST COMPANY (5607):					2,148.75			
DEPT. OF ENERGY W.A.P.A. (1250)								
DEPT. OF ENERGY W.A.P.A.	1	Invoice	PURCHASED POWER WA	08/11/2023	35,423.23		08/23	001-7240
Total DEPT. OF ENERGY W.A.P.A. (1250):					35,423.23			
DHHS (DEPT OF HEALTH & HUMAN SERVICES) (5985)								
DHHS (DEPT OF HEALTH & HUMAN SERVICES)	1	Invoice	PAYMENT ERROR FROM	08/15/2023	410.00		08/23	001-4106
Total DHHS (DEPT OF HEALTH & HUMAN SERVICES) (5985):					410.00			
DUTTON LAINSON COMPANY (1450)								
DUTTON LAINSON COMPANY	1	Invoice	WIRE, #4 COPPER, BARE	07/24/2023	431.75	1486	08/23	001-1500
Total DUTTON LAINSON COMPANY (1450):					431.75			
EAKES OFFICE SOLUTIONS (1475)								
EAKES OFFICE SOLUTIONS	1	Invoice	SQUARE DEAL COMP BO	08/04/2023	4.04		08/23	101-5452
EAKES OFFICE SOLUTIONS	1	Invoice	OFFICE SUPPLIES	08/04/2023	36.43		08/23	401-9900
EAKES OFFICE SOLUTIONS	2	Invoice	OFFICE SUPPLIES	08/04/2023	41.90		08/23	002-9900
EAKES OFFICE SOLUTIONS	3	Invoice	OFFICE SUPPLIES	08/04/2023	41.90		08/23	001-9900
EAKES OFFICE SOLUTIONS	4	Invoice	OFFICE SUPPLIES	08/04/2023	36.43		08/23	003-9900
EAKES OFFICE SOLUTIONS	1	Invoice	JANITORIAL SUPPLIES	08/04/2023	39.72		08/23	701-5541
EAKES OFFICE SOLUTIONS	1	Invoice	32GB USB FLASH DRIVE	07/21/2023	173.01		08/23	201-9990
EAKES OFFICE SOLUTIONS	1	Invoice	GEN MAINT & REPAIR	07/28/2023	155.84		08/23	201-5329
EAKES OFFICE SOLUTIONS	1	Invoice	GEN MAINT & REPAIR	07/28/2023	294.76		08/23	201-5329
EAKES OFFICE SOLUTIONS	1	Invoice	DESK CALENDARS	07/28/2023	123.20		08/23	201-9900
Total EAKES OFFICE SOLUTIONS (1475):					947.23			
EBSCO INFORMATION SERVICES (1480)								
EBSCO INFORMATION SERVICES	1	Invoice	BOOKS/MAGAZINES	08/02/2023	144.23		08/23	701-5691
Total EBSCO INFORMATION SERVICES (1480):					144.23			
ENVIRO-TECH PEST SERVICES (1640)								
ENVIRO-TECH PEST SERVICES	1	Invoice	PEST CONTROL-210 E 14	08/09/2023	50.00		08/23	301-5330

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total ENVIRO-TECH PEST SERVICES (1640):					50.00			
FIRST NATIONAL BANK OF OMAHA (1770)								
FIRST NATIONAL BANK OF OMAHA	1	Invoice	JON CC, HEATH SPORTS	07/27/2023	271.50		08/23	201-5370
FIRST NATIONAL BANK OF OMAHA	2	Invoice	JON CC, HEATH SPORTS	07/27/2023	20.00		08/23	531-6477
FIRST NATIONAL BANK OF OMAHA	3	Invoice	JON CC, AXON ENTERPR	07/27/2023	495.00		08/23	201-9760
FIRST NATIONAL BANK OF OMAHA	1	Invoice	GARY CC, PACKTRACK 1	07/27/2023	140.00		08/23	201-5400
FIRST NATIONAL BANK OF OMAHA	2	Invoice	GARY CC, NE FBI 91P875	07/27/2023	15.00		08/23	201-5400
Total FIRST NATIONAL BANK OF OMAHA (1770):					941.50			
GAVIN KROEGER (6327)								
GAVIN KROEGER	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	91.30		08/23	001-3500
Total GAVIN KROEGER (6327):					91.30			
GILMORE & ASSOCIATES INC (1955)								
GILMORE & ASSOCIATES INC	1	Invoice	PRJ #226-331 MISC. REVI	08/02/2023	735.00		08/23	101-4015
Total GILMORE & ASSOCIATES INC (1955):					735.00			
GRAINGER (2005)								
GRAINGER	1	Invoice	GAST REPAIR KIT 03/052	07/27/2023	142.23	1477	08/23	003-7282
GRAINGER	1	Invoice	CIRCULATION PUMP	08/03/2023	616.66	1483	08/23	001-7170
Total GRAINGER (2005):					758.89			
HEATH SPORTS (2180)								
HEATH SPORTS	1	Invoice	COED SOFTBALLS	07/31/2023	531.93		08/23	721-5578
Total HEATH SPORTS (2180):					531.93			
HUNTER BOSE (6329)								
HUNTER BOSE	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	76.12		08/23	001-3500
Total HUNTER BOSE (6329):					76.12			
JACOB NEIL WILLIAMS (6326)								
JACOB NEIL WILLIAMS	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	25.95		08/23	001-3500

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total JACOB NEIL WILLIAMS (6326):					25.95			
JAY'S OIL CO (2405)								
JAY'S OIL CO	1	Invoice	TIRE REPAIR-EXMARK M	07/31/2023	30.00		08/23	401-5810
JAY'S OIL CO	1	Invoice	TIRE REPAIR-EXMARK M	07/05/2023	30.00		08/23	401-5810
Total JAY'S OIL CO (2405):					60.00			
KARIE & BRENT BUNDY (6324)								
KARIE & BRENT BUNDY	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	77.28		08/23	001-3500
Total KARIE & BRENT BUNDY (6324):					77.28			
KEN'S USAVE PHARMACY (2570)								
KEN'S USAVE PHARMACY	1	Invoice	BAND-AID	08/01/2023	8.39		08/23	302-5341
Total KEN'S USAVE PHARMACY (2570):					8.39			
LEAGUE OF NEBR. MUNICIPALITIES (2710)								
LEAGUE OF NEBR. MUNICIPALITIES	1	Invoice	MEMBERSHIP DUES 9-1-	08/04/2023	15,625.00		08/23	101-5400
LEAGUE OF NEBR. MUNICIPALITIES	1	Invoice	MEMBERSHIP DUES 9-1-	08/04/2023	1,490.00		08/23	001-9780
LEAGUE OF NEBR. MUNICIPALITIES	2	Invoice	MEMBERSHIP DUES 9-1-	08/04/2023	1,490.00		08/23	002-9780
LEAGUE OF NEBR. MUNICIPALITIES	3	Invoice	MEMBERSHIP DUES 9-1-	08/04/2023	1,490.00		08/23	003-9780
Total LEAGUE OF NEBR. MUNICIPALITIES (2710):					20,095.00			
LINCOLN WINWATER WORKS (2810)								
LINCOLN WINWATER WORKS	1	Invoice	MUELLER A423 24 EXTE	07/27/2023	822.73	1470	08/23	002-8061
LINCOLN WINWATER WORKS	1	Invoice	5-1/4 30" VALVE BOX EX	08/02/2023	85.29	1470	08/23	002-8061
LINCOLN WINWATER WORKS	1	Invoice	BLUE PAINT INVERTED M	08/02/2023	182.92	1479	08/23	002-8021
LINCOLN WINWATER WORKS	2	Invoice	GREEN PAINT INVERTED	08/02/2023	91.46	1479	08/23	002-8021
LINCOLN WINWATER WORKS	3	Invoice	WHITE PAINT INVERTED	08/02/2023	91.46	1479	08/23	002-8021
LINCOLN WINWATER WORKS	4	Invoice	21 BLUE STAKING FLAG	08/02/2023	45.15	1479	08/23	002-8021
LINCOLN WINWATER WORKS	1	Invoice	PVC 7400 4X10 S40 PE PI	08/07/2023	398.61	1480	08/23	002-8031
LINCOLN WINWATER WORKS	2	Invoice	4" PVCDWV 45 BEND	08/07/2023	54.63	1480	08/23	002-8031
LINCOLN WINWATER WORKS	3	Invoice	4 SLIP PVC40 CAP	08/07/2023	44.16	1480	08/23	002-8031
LINCOLN WINWATER WORKS	4	Invoice	1"X100' SIDR7 IPS ASTM4	08/07/2023	193.50	1480	08/23	002-8031
LINCOLN WINWATER WORKS	5	Invoice	8X1CC SS SADDLE 317-0	08/07/2023	584.80	1480	08/23	002-8031
LINCOLN WINWATER WORKS	6	Invoice	1"CC PEP BALL CORP ST	08/07/2023	546.10	1480	08/23	002-8031
LINCOLN WINWATER WORKS	7	Invoice	1" PEPJ CURB STOP W/M	08/07/2023	1,010.50	1480	08/23	002-8031

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
LINCOLN WINWATER WORKS	8	Invoice	5614A 5-1/2 MINN STOP B	08/07/2023	275.20	1480	08/23	002-8031
LINCOLN WINWATER WORKS	9	Invoice	5660 42 STATIONARY RO	08/07/2023	81.70	1480	08/23	002-8031
LINCOLN WINWATER WORKS	10	Invoice	12GA TRACER WIRE 500'	08/07/2023	96.75	1480	08/23	002-8031
LINCOLN WINWATER WORKS	1	Invoice	CREDIT MEMO	08/07/2023	572.91-		08/23	002-8061
Total LINCOLN WINWATER WORKS (2810):					4,032.05			
MADELYNN ELAINE MEREDITH (6325)								
MADELYNN ELAINE MEREDITH	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	42.18		08/23	001-3500
Total MADELYNN ELAINE MEREDITH (6325):					42.18			
MATHESON TRI-GAS INC (3020)								
MATHESON TRI-GAS INC	1	Invoice	OXYGEN	07/31/2023	139.50		08/23	302-5265
Total MATHESON TRI-GAS INC (3020):					139.50			
MAX I WALKER UNIFORM & APPAREL (3035)								
MAX I WALKER UNIFORM & APPAREL	1	Invoice	UNIFORMS	08/02/2023	72.45		08/23	003-9640
MAX I WALKER UNIFORM & APPAREL	1	Invoice	UNIFORMS	08/09/2023	81.70		08/23	003-9640
Total MAX I WALKER UNIFORM & APPAREL (3035):					154.15			
MCI VERIZON (3055)								
MCI VERIZON	1	Invoice	TOLL FREE LINE	08/07/2023	12.00		08/23	101-7530
MCI VERIZON	2	Invoice	TOLL FREE LINE	08/07/2023	12.00		08/23	201-5220
MCI VERIZON	3	Invoice	TOLL FREE LINE	08/07/2023	12.00		08/23	301-7530
MCI VERIZON	4	Invoice	TOLL FREE LINE	08/07/2023	12.00		08/23	721-7530
MCI VERIZON	5	Invoice	TOLL FREE LINE	08/07/2023	15.89		08/23	001-9660
Total MCI VERIZON (3055):					63.89			
MICHAEL TODD INDUSTRIAL SUPPLY (3145)								
MICHAEL TODD INDUSTRIAL SUPPLY	1	Invoice	5/8"X2-1/2' GRADE 8 PLO	08/08/2023	178.87		08/23	401-5771
Total MICHAEL TODD INDUSTRIAL SUPPLY (3145):					178.87			
MIDWEST LABORATORIES INC (3195)								
MIDWEST LABORATORIES INC	1	Invoice	LABS	08/02/2023	2,494.67		08/23	003-7282

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total MIDWEST LABORATORIES INC (3195):					2,494.67			
NAPA AUTO PARTS (3345)								
NAPA AUTO PARTS	1	Invoice	FUEL FIL	07/07/2023	20.99		08/23	050-5802
NAPA AUTO PARTS	1	Invoice	15W40 OIL	08/03/2023	25.99		08/23	401-5801
Total NAPA AUTO PARTS (3345):					46.98			
NE DEPT OF AGRICULTURE (3405)								
NE DEPT OF AGRICULTURE	1	Invoice	WEIGHTS & MEASURES	08/14/2023	88.78		08/23	050-8500
Total NE DEPT OF AGRICULTURE (3405):					88.78			
NE PUBLIC HEALTH ENVIRONMENTAL LABORATOR (3480)								
NE PUBLIC HEALTH ENVIRONMENTAL LABORATO	1	Invoice	LABS	08/07/2023	17.00		08/23	003-7282
Total NE PUBLIC HEALTH ENVIRONMENTAL LABORATOR (3480):					17.00			
NORRIS PUBLIC POWER DISTRICT (3685)								
NORRIS PUBLIC POWER DISTRICT	1	Invoice	UTILITIES	08/02/2023	10.09		08/23	521-7530
NORRIS PUBLIC POWER DISTRICT	1	Invoice	AIRPORT ELECTRICITY	08/04/2023	655.90		08/23	050-7530
NORRIS PUBLIC POWER DISTRICT	1	Invoice	ELECTRICITY	08/04/2023	9,625.64		08/23	003-7530
Total NORRIS PUBLIC POWER DISTRICT (3685):					10,291.63			
ONE BILLING SOLUTIONS LLC (ACH) (6073)								
ONE BILLING SOLUTIONS LLC (ACH)	1	Invoice	JULY 2023 BILLING	08/01/2023	4,356.93		08/23	302-5340
Total ONE BILLING SOLUTIONS LLC (ACH) (6073):					4,356.93			
ONE CALL CONCEPTS INC (3810)								
ONE CALL CONCEPTS INC	1	Invoice	LOCATING SERVICE FEE	07/31/2023	67.04		08/23	002-9730
ONE CALL CONCEPTS INC	2	Invoice	LOCATING SERVICE FEE	07/31/2023	67.04		08/23	001-9730
Total ONE CALL CONCEPTS INC (3810):					134.08			
ONE SOURCE THE BACKGROUND CHECK (3815)								
ONE SOURCE THE BACKGROUND CHECK	1	Invoice	BACKGROUND CHECK	08/01/2023	19.00		08/23	722-5163

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total ONE SOURCE THE BACKGROUND CHECK (3815):					19.00			
O'REILLY AUTO PARTS (3825)								
O'REILLY AUTO PARTS	1	Invoice	RCVR BUSHING	07/21/2023	26.86		08/23	001-9890
Total O'REILLY AUTO PARTS (3825):					26.86			
ORSCHELN FARM & HOME LLC (6113)								
ORSCHELN FARM & HOME LLC	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	810.00		08/23	001-3500
Total ORSCHELN FARM & HOME LLC (6113):					810.00			
PACE PAYMENT SYSTEMS INC (ACH) (5851)								
PACE PAYMENT SYSTEMS INC (ACH)	1	Invoice	MYGOV ONLINE PAYMEN	07/31/2023	5.00		08/23	101-9926
Total PACE PAYMENT SYSTEMS INC (ACH) (5851):					5.00			
PITNEY BOWES (3995)								
PITNEY BOWES	1	Invoice	POSTAGE METER LEASE	07/21/2023	95.37		08/23	201-9650
Total PITNEY BOWES (3995):					95.37			
QUADIENT FINANCE USA INC (5591)								
QUADIENT FINANCE USA INC	1	Invoice	POSTAGE	08/01/2023	125.00		08/23	101-9650
QUADIENT FINANCE USA INC	2	Invoice	POSTAGE	08/01/2023	50.00		08/23	401-9650
QUADIENT FINANCE USA INC	3	Invoice	POSTAGE	08/01/2023	50.00		08/23	721-9650
QUADIENT FINANCE USA INC	4	Invoice	POSTAGE	08/01/2023	125.00		08/23	001-9650
QUADIENT FINANCE USA INC	5	Invoice	POSTAGE	08/01/2023	75.00		08/23	002-9650
QUADIENT FINANCE USA INC	6	Invoice	POSTAGE	08/01/2023	75.00		08/23	003-9650
Total QUADIENT FINANCE USA INC (5591):					500.00			
RIGOBERTO LOPEZ LORENZO (6330)								
RIGOBERTO LOPEZ LORENZO	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	74.07		08/23	001-3500
Total RIGOBERTO LOPEZ LORENZO (6330):					74.07			
RUBEN FRANCO ARREDONDO (6328)								
RUBEN FRANCO ARREDONDO	1	Invoice	CONSUMER DEPOSIT RE	08/15/2023	50.37		08/23	001-3500

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total RUBEN FRANCO ARREDONDO (6328):					50.37			
SACK LUMBER CO (4385)								
SACK LUMBER CO	1	Invoice	GRADE/SRVEY STAKE, L	07/21/2023	58.46		08/23	401-5980
Total SACK LUMBER CO (4385):					58.46			
SALINE COUNTY REGISTER OF DEEDS (4445)								
SALINE COUNTY REGISTER OF DEEDS	1	Invoice	FILING FEES	08/03/2023	22.00		08/23	101-5390
Total SALINE COUNTY REGISTER OF DEEDS (4445):					22.00			
SAPP BROS PETROLEUM (4505)								
SAPP BROS PETROLEUM	1	Invoice	ACCOUNT# 742498	07/31/2023	110.86		08/23	301-5800
SAPP BROS PETROLEUM	2	Invoice	FUEL-ACCT #742498	07/31/2023	613.13		08/23	302-8500
Total SAPP BROS PETROLEUM (4505):					723.99			
SEWARD COUNTY INDEPENDENT (4590)								
SEWARD COUNTY INDEPENDENT	1	Invoice	1YR CR SUB RENEWAL #	07/31/2023	28.00		08/23	101-5390
SEWARD COUNTY INDEPENDENT	1	Invoice	LIBRARY - DISPLAY ADS	07/31/2023	199.25		08/23	702-5692
SEWARD COUNTY INDEPENDENT	1	Invoice	LIBRARY - DISPLAY ADS	08/01/2023	149.25		08/23	702-5692
SEWARD COUNTY INDEPENDENT	1	Invoice	PROCEEDINGS	08/09/2023	121.74		08/23	101-5390
SEWARD COUNTY INDEPENDENT	1	Invoice	EMPLOYEES SALARIES	08/09/2023	1,045.50		08/23	101-5390
SEWARD COUNTY INDEPENDENT	1	Invoice	CITY COUNCIL	08/02/2023	11.35		08/23	101-5390
Total SEWARD COUNTY INDEPENDENT (4590):					1,555.09			
SID DILLON FORD (4635)								
SID DILLON FORD	1	Invoice	OIL & FILTER	08/10/2023	61.86		08/23	003-8460
SID DILLON FORD	1	Invoice	OIL & FILTER	08/11/2023	56.06		08/23	401-5968
Total SID DILLON FORD (4635):					117.92			
SIEMENS INDUSTRY INC (4645)								
SIEMENS INDUSTRY INC	1	Invoice	AS1423-001 P BUSHING 1	07/26/2023	4,334.40	1452	08/23	001-8011
Total SIEMENS INDUSTRY INC (4645):					4,334.40			

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
SPECTRUM (4730)								
SPECTRUM	1	Invoice	UTLITY-239 E 13TH ST	08/01/2023	18.46		08/23	501-7530
SPECTRUM	1	Invoice	UTILITY-1410 MAIN AVE	08/01/2023	12.33		08/23	502-7530
SPECTRUM	1	Invoice	DIGITAL CABLE BOX-194	08/01/2023	11.20		08/23	201-5220
SPECTRUM	1	Invoice	INTERNET-1945 FOREST	08/03/2023	94.98		08/23	201-5660
Total SPECTRUM (4730):					136.97			
STUTZMAN DIGGING & EXCAVATING LLC (6333)								
STUTZMAN DIGGING & EXCAVATING LLC	1	Invoice	CREDIT FOR OVERPAYM	08/15/2023	4.40		08/23	002-4904
Total STUTZMAN DIGGING & EXCAVATING LLC (6333):					4.40			
TRANSUNION RISK & ALTERNATIVE (6152)								
TRANSUNION RISK & ALTERNATIVE	1	Invoice	TLO MONTHLY CHARGE	08/01/2023	171.60		08/23	201-5660
Total TRANSUNION RISK & ALTERNATIVE (6152):					171.60			
U.S. BANK (5170)								
U.S. BANK	1	Invoice	JOY CC, USPS 06-23-23 P	07/25/2023	8.75		08/23	701-9650
U.S. BANK	2	Invoice	JOY CC, WALMART 00437	07/25/2023	55.51		08/23	702-5692
U.S. BANK	3	Invoice	JOY CC, SCOOTERS 313	07/25/2023	40.00		08/23	702-5692
U.S. BANK	4	Invoice	JOY CC, TASTE OF HOM	07/25/2023	15.05		08/23	701-5691
U.S. BANK	5	Invoice	JOY CC, QUICKBOOKS 6-	07/25/2023	402.00		08/23	701-5691
U.S. BANK	6	Invoice	JOY CC, SURVEYMONKE	07/25/2023	26.00		08/23	701-6210
U.S. BANK	7	Invoice	JOY CC, NE LIBR ASSN 7-	07/25/2023	75.00		08/23	701-5400
U.S. BANK	8	Invoice	JOY CC, OVERDRIVE 014	07/25/2023	60.00		08/23	702-5692
U.S. BANK	9	Invoice	JOY CC, OVERDRIVE 014	07/25/2023	223.19		08/23	702-5692
U.S. BANK	1	Invoice	LAURA CC, CHCC 21142-	07/25/2023	185.89		08/23	702-5692
U.S. BANK	2	Invoice	LAURA CC, WALMART 08	07/25/2023	16.74		08/23	702-5692
U.S. BANK	3	Invoice	MICHAELS 029112 7-19-2	07/25/2023	11.89		08/23	702-5692
U.S. BANK	1	Invoice	TOM CC, NWEA 7-7-23 LO	07/25/2023	20.00		08/23	003-9780
U.S. BANK	2	Invoice	TOM CC, VISTAPRINT VP	07/25/2023	457.95		08/23	101-6201
U.S. BANK	3	Invoice	TOM CC, VISTAPRINT VP	07/25/2023	21.39		08/23	003-8500
U.S. BANK	4	Invoice	TOM CC, VISTAPRINT VP	07/25/2023	21.39		08/23	101-8500
U.S. BANK	5	Invoice	TOM CC, VISTAPRINT VP	07/25/2023	42.78		08/23	201-8500
U.S. BANK	6	Invoice	TOM CC, ORIENTAL TRA	07/25/2023	108.42		08/23	001-9890
U.S. BANK	7	Invoice	TOM CC, NORTON AP147	07/25/2023	8.55		08/23	101-6050
U.S. BANK	8	Invoice	TOM CC, NORTON AP147	07/25/2023	8.55		08/23	201-6050
U.S. BANK	9	Invoice	TOM CC, NORTON AP147	07/25/2023	27.41		08/23	401-6050
U.S. BANK	10	Invoice	TOM CC, NORTON AP147	07/25/2023	8.71		08/23	721-6050

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
U.S. BANK	11	Invoice	TOM CC, NORTON AP147	07/25/2023	53.20		08/23	001-9910
U.S. BANK	12	Invoice	TOM CC, NORTON AP147	07/25/2023	27.41		08/23	002-9910
U.S. BANK	13	Invoice	TOM CC, NORTON AP147	07/25/2023	27.41		08/23	003-9910
U.S. BANK	1	Invoice	JERRY CC, HOLIDAY INN	07/25/2023	598.00		08/23	002-9760
U.S. BANK	2	Invoice	JERRY CC, WALMART 03	07/25/2023	244.90		08/23	722-5331
U.S. BANK	3	Invoice	JERRY CC, WALMART 07	07/25/2023	82.75		08/23	722-5541
U.S. BANK	4	Invoice	JERRY CC, LANSHACK 1	07/25/2023	939.02		08/23	101-6484
U.S. BANK	5	Invoice	JERRY CC, WALMART 07	07/25/2023	14.27		08/23	722-8500
U.S. BANK	6	Invoice	JERRY CC, WOLFE ACE	07/25/2023	25.74		08/23	522-5330
U.S. BANK	7	Invoice	JERRY CC, WALMART 07	07/25/2023	11.92		08/23	722-5560
U.S. BANK	8	Invoice	JERRY CC, WALMART 03	07/25/2023	207.20		08/23	722-5560
U.S. BANK	9	Invoice	JERRY CC, WALMART 03	07/25/2023	18.49		08/23	722-8500
U.S. BANK	10	Invoice	JERRY CC, WALMART 07	07/25/2023	3.90		08/23	722-5560
U.S. BANK	11	Invoice	JERRY CC, WALMART 03	07/25/2023	16.84		08/23	722-8500
U.S. BANK	12	Invoice	JERRY CC, WALMART 07	07/25/2023	10.43		08/23	722-8500
U.S. BANK	13	Invoice	JERRY CC, WALMART 03	07/25/2023	295.40		08/23	722-5560
U.S. BANK	14	Invoice	JERRY CC, WALMART 03	07/25/2023	8.87		08/23	522-6020
U.S. BANK	15	Invoice	JERRY CC, WALMART 03	07/25/2023	33.24		08/23	522-6020
U.S. BANK	16	Invoice	JERRY CC, WALMART 08	07/25/2023	40.64		08/23	722-5560
U.S. BANK	17	Invoice	JERRY CC, WALMART 08	07/25/2023	77.05		08/23	522-6020
U.S. BANK	18	Invoice	JERRY CC, WALMART 08	07/25/2023	39.88		08/23	522-6020
U.S. BANK	19	Invoice	JERRY CC, CANVA 03843	07/25/2023	14.99		08/23	101-6050
U.S. BANK	20	Invoice	JERRY CC, WALMART 08	07/25/2023	62.34		08/23	722-5560
U.S. BANK	21	Invoice	JERRY CC, SLING C97BE	07/25/2023	59.29		08/23	722-8500
U.S. BANK	22	Invoice	JERRY CC, WALMART 04	07/25/2023	17.16		08/23	101-6201
U.S. BANK	23	Invoice	JERRY CC, WALMART 08	07/25/2023	22.88		08/23	722-5560
Total U.S. BANK (5170):					4,798.39			
UNION BANK & TRUST CO (5205)								
UNION BANK & TRUST CO	1	Invoice	HSA FEES	08/01/2023	20.00		08/23	101-9620
UNION BANK & TRUST CO	2	Invoice	HSA FEES	08/01/2023	20.00		08/23	201-9620
UNION BANK & TRUST CO	3	Invoice	HSA FEES	08/01/2023	2.00		08/23	203-9620
UNION BANK & TRUST CO	4	Invoice	HSA FEES	08/01/2023	10.00		08/23	401-9620
UNION BANK & TRUST CO	5	Invoice	HSA FEES	08/01/2023	2.00		08/23	601-9620
UNION BANK & TRUST CO	6	Invoice	HSA FEES	08/01/2023	10.00		08/23	701-9620
UNION BANK & TRUST CO	7	Invoice	FSA & HSA FEES	08/01/2023	18.00		08/23	001-9620
UNION BANK & TRUST CO	8	Invoice	FSA & HSA FEES	08/01/2023	10.00		08/23	002-9620
UNION BANK & TRUST CO	9	Invoice	FSA & HSA FEES	08/01/2023	8.00		08/23	003-9620

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
Total UNION BANK & TRUST CO (5205):					100.00			
UPS (5240)								
UPS	1	Invoice	POSTAGE	07/29/2023	18.24		08/23	003-9650
UPS	1	Invoice	POSTAGE	08/05/2023	10.33		08/23	003-9650
Total UPS (5240):					28.57			
UTILITY ASSOCIATES INC (6320)								
UTILITY ASSOCIATES INC	1	Invoice	POLICE EQUIPMENT	07/24/2023	50,404.00		08/23	531-6477
Total UTILITY ASSOCIATES INC (6320):					50,404.00			
VASQUEZ, MARIDZA (5285)								
VASQUEZ, MARIDZA	1	Invoice	REIMBURSE CASTL MEE	07/28/2023	106.75		08/23	701-9760
VASQUEZ, MARIDZA	1	Invoice	REIMBURSE READING W	08/04/2023	32.38		08/23	701-9760
Total VASQUEZ, MARIDZA (5285):					139.13			
VERIZON WIRELESS (5295)								
VERIZON WIRELESS	1	Invoice	CELL PHONE PD	08/01/2023	280.13		08/23	201-5220
Total VERIZON WIRELESS (5295):					280.13			
W L CONSTRUCTION SUPPLY INC (6322)								
W L CONSTRUCTION SUPPLY INC	1	Invoice	EQUIP MISC.	07/28/2023	418.89		08/23	303-5260
Total W L CONSTRUCTION SUPPLY INC (6322):					418.89			
WASTE CONNECTIONS OF NEBRASKA (5360)								
WASTE CONNECTIONS OF NEBRASKA	1	Invoice	1945 FOREST AVE	08/01/2023	58.96		08/23	201-5329
WASTE CONNECTIONS OF NEBRASKA	2	Invoice	243 E 13TH ST	08/01/2023	204.54		08/23	501-7530
WASTE CONNECTIONS OF NEBRASKA	3	Invoice	1420 MAIN AVE	08/01/2023	21.07		08/23	502-7530
WASTE CONNECTIONS OF NEBRASKA	4	Invoice	320 W 9TH ST	08/01/2023	29.48		08/23	001-8000
WASTE CONNECTIONS OF NEBRASKA	5	Invoice	320 W 9TH ST	08/01/2023	29.48		08/23	002-8000
WASTE CONNECTIONS OF NEBRASKA	6	Invoice	100 S MAIN AVE	08/01/2023	154.33		08/23	003-7530
WASTE CONNECTIONS OF NEBRASKA	7	Invoice	212 E 15TH ST	08/01/2023	77.15		08/23	401-5330
WASTE CONNECTIONS OF NEBRASKA	8	Invoice	5TH FOREST AVE	08/01/2023	93.96		08/23	522-7530
WASTE CONNECTIONS OF NEBRASKA	1	Invoice	2429 CO RD F	08/01/2023	75.64		08/23	050-7530
WASTE CONNECTIONS OF NEBRASKA	1	Invoice	TUXEDO PARK	08/01/2023	633.14		08/23	521-7530

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
WASTE CONNECTIONS OF NEBRASKA	1	Invoice	1515 FOREST	08/01/2023	92.97		08/23	701-5330
Total WASTE CONNECTIONS OF NEBRASKA (5360):					1,470.72			
WINDSTREAM (5465)								
WINDSTREAM	1	Invoice	PHONE-CITY HALL	08/04/2023	177.18		08/23	101-7530
WINDSTREAM	2	Invoice	PHONE-CITY HALL	08/04/2023	154.76		08/23	721-7530
WINDSTREAM	3	Invoice	PHONE-CITY HALL	08/04/2023	188.50		08/23	003-9660
WINDSTREAM	4	Invoice	PHONE-CITY HALL	08/04/2023	111.14		08/23	401-7530
WINDSTREAM	5	Invoice	PHONE-CITY HALL	08/04/2023	103.61		08/23	001-9660
WINDSTREAM	6	Invoice	PHONE-CITY HALL	08/04/2023	103.61		08/23	002-9660
WINDSTREAM	1	Invoice	PHONE-AIRPORT	08/03/2023	153.58		08/23	050-7530
WINDSTREAM	1	Invoice	PHONE-COMM CTR	08/03/2023	58.31		08/23	502-7530
WINDSTREAM	1	Invoice	PHONE-EMERG MGMT	08/03/2023	74.77		08/23	101-5490
WINDSTREAM	1	Invoice	PHONE-FIRE	08/03/2023	61.98		08/23	301-7530
WINDSTREAM	1	Invoice	PHONE NMPP	08/03/2023	91.32		08/23	001-9660
WINDSTREAM	1	Invoice	PHONE-POLICE	08/03/2023	748.56		08/23	201-5220
WINDSTREAM	1	Invoice	PHONE-SC911	08/07/2023	476.18		08/23	202-5220
Total WINDSTREAM (5465):					2,503.50			
XPRESS BILL PAY (ACH) (5606)								
XPRESS BILL PAY (ACH)	1	Invoice	ONLINE PMT FEE	07/31/2023	306.38		08/23	003-9926
XPRESS BILL PAY (ACH)	2	Invoice	ONLINE PMT FEE	07/31/2023	306.38		08/23	002-9926
XPRESS BILL PAY (ACH)	3	Invoice	ONLINE PMT FEE	07/31/2023	306.38		08/23	001-9926
Total XPRESS BILL PAY (ACH) (5606):					919.14			
YARD BOSS (6049)								
YARD BOSS	1	Invoice	LAWN SERVICE	07/31/2023	240.00		08/23	201-5329
Total YARD BOSS (6049):					240.00			
Grand Totals:					237,889.73			

Report GL Period Summary

GL Period	Amount
08/23	237,889.73
00/00	.00
Grand Totals:	237,889.73

Vendor number hash:	611512
Vendor number hash - split:	1143138
Total number of invoices:	169
Total number of transactions:	331

Terms Description	Invoice Amount	Discount Amount	Net Invoice Amount
Open Terms	237,889.73	.00	237,889.73
Grand Totals:	237,889.73	.00	237,889.73

Report Criteria:
Vendor.Vendor number = 0-1059,1061-99999999

CLINE WILLIAMS
WRIGHT JOHNSON & OLDFATHER, L.L.P.
233 SOUTH 13TH STREET
1900 U.S. BANK BUILDING
LINCOLN, NEBRASKA 68508
402.474.6900
WWW.CLINEWILLIAMS.COM

August 7, 2023

City of Crete
Tom Ourada
241 East 13th Street
P. O. Box 86
Crete, NE 68333

Invoice No. 368070
Tax ID: 47-0382823

INVOICE SUMMARY

Client No.: **03369** **Crete, City of**
Matter No.: **002** **GENERAL BUSINESS**

For Professional Services Rendered Through: July 31, 2023

RE: GENERAL BUSINESS

Legal Services	$ 6,110.50
Expenses and Advances	$ 34.06
TOTAL THIS INVOICE	**$ 6,144.56**

CLINE WILLIAMS
WRIGHT JOHNSON & OLDFATHER, L.L.P.
233 SOUTH 13TH STREET
1900 U.S. BANK BUILDING
LINCOLN, NEBRASKA 68508
402.474.6900
WWW.CLINEWILLIAMS.COM

August 7, 2023

City of Crete
Tom Ourada
241 East 13th Street
P. O. Box 86
Crete, NE 68333

Invoice No. 368071
Tax ID: 47-0382823

INVOICE SUMMARY

Client No.: **03369** **Crete, City of**
Matter No.: **015** **Crete Senior Villas Redevelopment**

For Professional Services Rendered Through: July 31, 2023

RE: Crete Senior Villas Redevelopment Project

Legal Services	$ 1,395.00
Expenses and Advances	$ .00
TOTAL THIS INVOICE	**$ 1,395.00**

CLINE WILLIAMS
WRIGHT JOHNSON & OLDFATHER, L.L.P.
233 SOUTH 13TH STREET
1900 U.S. BANK BUILDING
LINCOLN, NEBRASKA 68508
402.474.6900
WWW.CLINEWILLIAMS.COM

August 7, 2023

City of Crete
Tom Ourada
241 East 13th Street
P. O. Box 86
Crete, NE 68333

Invoice No. 368072
Tax ID: 47-0382823

INVOICE SUMMARY

Client No.: **03369** **Crete, City of**
Matter No.: **016** **Cardinal Ventures Redevelopment Project**

For Professional Services Rendered Through: July 31, 2023

RE: Residential redevelopment project in Crete, Nebraska

Legal Services	$ 2,092.50
Expenses and Advances	$ .00
TOTAL THIS INVOICE	**$ 2,092.50**

Rural and Tribal Assistance Pilot Program

The Rural and Tribal Assistance (RTA) Pilot Program is a five-year discretionary program through the U.S. Department of Transportation.

Purpose of the Grant

The purpose of the RTA is to provide early-stage development assistance for rural and tribal infrastructure projects.

Eligible Applicants

1. Rural local governments (population < 150,000)
2. Political subdivisions
3. States
4. Tribes
5. Department of Hawaiian Home Lands

Funding Availability

- $3.4 million for FY22 and FY23
- For FY24-FY26, "progressively more funding available each year."

Eligible Activities

- Financial Assistance
  - Revenue Forecasting, Benefit Cost Analysis, Financial Feasibility Analysis
- Technical Assistance
  - Project Planning, Feasibility Studies, Environmental, Public Engagement, etc.
- Legal Assistance
  - Statutory and regulatory framework, Concession agreement, procurement support

Match Requirement

- None

Grant Award

- FY22: $150,000 to $320,000
- FY23: $150,000 to $360,000

RTA Evaluation Criteria

- Criterion #1: Appropriate of services requested
  - Current state of the project's development
  - Will the grant fund services that will forward the project
- Criterion #2: Visibility of grant funds requested
  - Capacity/experience of person/firm providing service
  - Scope and Fee is reasonable

Grant Application Cycle

- August 14, 2023

RTA Requirements

Per the Program's requirements, projects receiving assistance under this Program must be reasonably expected to be eligible for any one or more of the USDOT's lending or grant programs.

BELOHLAVY ESTATES SECOND SUBDIVISION

- ADMINISTRATIVE SUBDIVISION -

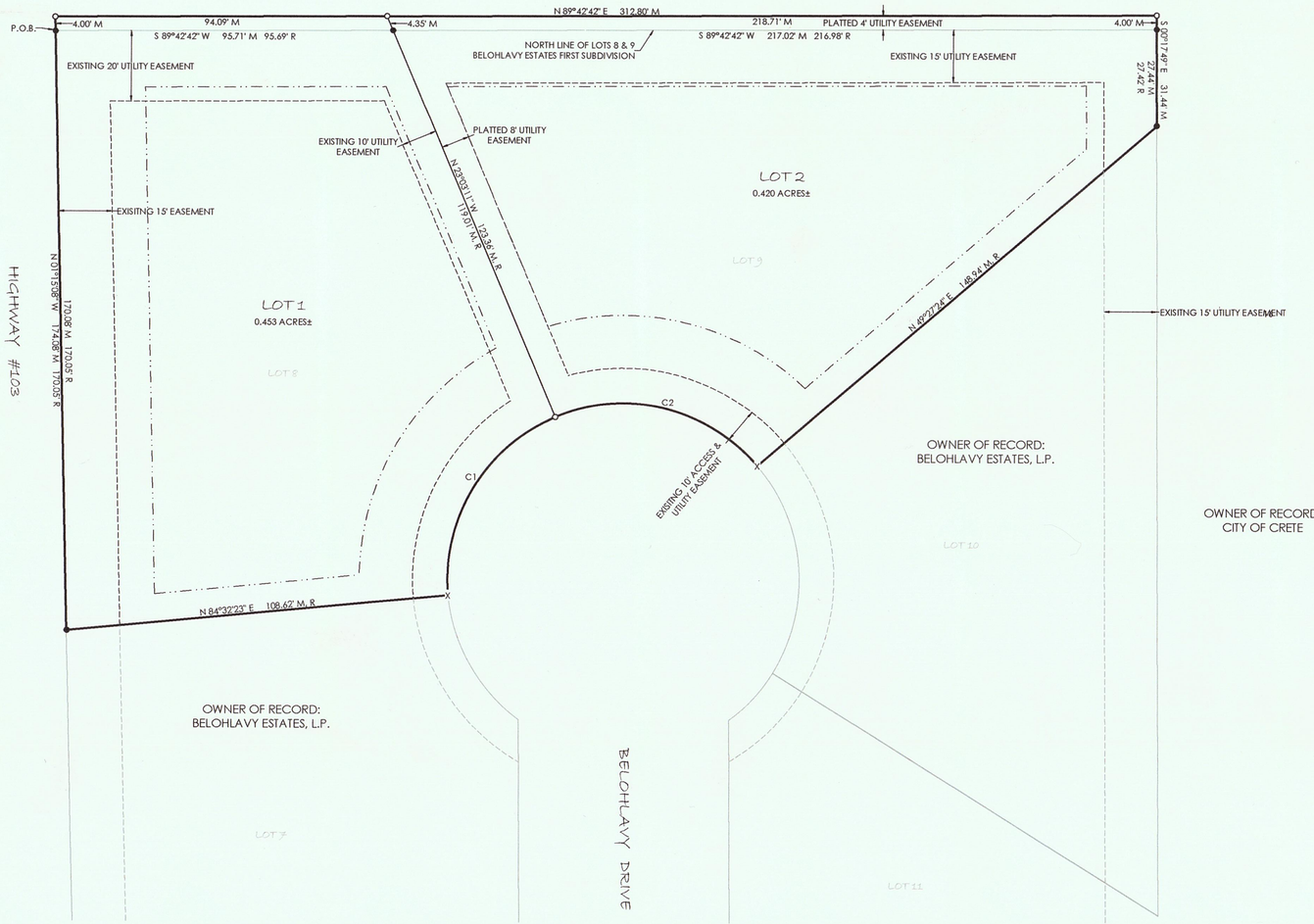
ALL OF LOTS 8 & 9, BELOHLAVY ESTATES FIRST SUBDIVISION,
& PART OF THE SE¼NW¼, SECTION 33, TOWNSHIP 8 NORTH, RANGE 4 EAST,
CITY OF CRETE, SALINE COUNTY, NEBRASKA

N
SCALE 1" = 30'
0' 15' 30'

LEGEND
M = MEASURED DISTANCE
R = RECORDED DISTANCE
X = CHISELED 'X' IN CONCRETE
P.O.B. = POINT OF BEGINNING
O = ⅝" REBAR w/ PLASTIC CAP PLACED
● = ⅝" REBAR w/ PLASTIC CAP FOUND UNLESS NOTED
= SETBACK LINE

SURVEYOR'S NOTES
- BEARINGS ARE BASED OFF OF THE SALINE COUNTY LOW DISTORTION PROJECTION.
- ALL DISTANCES SHOWN ARE REPRESENTED AS GROUND DISTANCES AND INTERNATIONAL FEET.

CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CH. BEARING	CH. LENGTH
C1	50.00'	63.20'	N 30°57'45" E	59.08'
C2	50.00'	63.20'	S 76°39'09" E	59.08'



LEGAL DESCRIPTION
All of Lots Eight (8) and Nine (9), Belohlavy Estates First Subdivision, and a tract of land located in a part of the Southeast Quarter of the Northwest Quarter (SE¼NW¼), Section Thirty Three (33), Township Eight (8) North, Range Four (4) East of the 6th P.M., City of Crete, Saline County, Nebraska. Said tract more particularly described as follows:
Beginning at the northwest corner of said Lot 8; thence N 01°15'08" W on and upon the easterly right-of-way line of State Highway #103 a distance of 4.00 feet to a point; thence N 89°42'42" E and parallel with the north line of said Lots 8 and 9 a distance of 312.80 feet to a point on the east line of said Lot 9 extended; thence S 00°17'49" E a distance of 4.00 feet to the northeast corner of said Lot 9; thence S 89°42'42" W on and upon the north line of said Lots 8 and 9 a distance of 312.73 feet to the Point of Beginning.

Said subdivision contains 0.873 acres more or less.

SURVEYOR'S CERTIFICATE
I, Evan A. Jasnowski, Nebraska Registered Land Surveyor #776, duly registered under the Land Surveyor's Regulation Act, do hereby state that at the request of Matt Thomas, I have caused to be made a survey of the land depicted on the accompanying plat; that said plat is a true delineation of said survey performed personally or under my direct supervision; that said survey was made with reference to known and recorded monuments marked as shown, and to the best of my knowledge and belief is true, correct, and in accordance with the Minimum Standards for Surveys in effect at the time of this survey.

Evan A. Jasnowski

08/02/2023
Date

NEBRASKA REGISTERED LS-776 LAND SURVEYOR EVAN A. JASNOWSKI

DEDICATION
KNOW ALL MEN BY THESE PRESENTS, that Belohlavy Estates, L.P., a Nebraska Limited Partnership, by and through Matthew Thomas, its' President, being the owner of the land described hereon has caused the same to be surveyed, subdivided, platted and designated as "BELOHLAVY ESTATES SECOND SUBDIVISION", a subdivision of Lots Eight (8) and Nine (9), Belohlavy Estates First Subdivision, and a part of the Southeast Quarter of the Northwest Quarter (SE¼NW¼), Section Thirty Three (33), Township Eight (8) North, Range Four (4) East of the 6th P.M., City of Crete, Saline County, Nebraska , and said owner hereby ratifies and approves the disposition of the property as shown on the above plat, and hereby dedicates to the use and benefit of the public, the streets and utility easements as shown upon said plat, and acknowledges said subdivision to be made with the free consent and in accord with the desires of said owner.

IN WITNESS WHEREOF, we have affixed our signature at _____, _____, this _____day of_____, 2023.

_____
Matthew Thomas, President of Belohlavy Estates, L.P.,
a Nebraska Limited Partnership

ACKNOWLEDGEMENT
State of _____
ss
County of _____
On the _____ day of _____, 2023, before me _____, a Notary Public within and for said County, personally appeared Matthew Thomas, to me personally known to be the identical persons whose signatures are affixed hereto, and that they did acknowledge the execution thereof to be their voluntary act and deed, and that they are empowered to make the above dedication for and in behalf of said " BELOHLAVY ESTATES SECOND SUBDIVISION".

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed by official seal at _____, _____, on the date last above written.
My commission expires _____.

_____
Notary Public

DEDICATION
KNOWN ALL MEN BY THESE PRESENTS, that Louis Badousek, being the owner of the land described hereon has caused the same to be surveyed, subdivided, platted and designated as "BELOHLAVY ESTATES SECOND SUBDIVISION", a subdivision of Lots Eight (8) and Nine (9), Belohlavy Estates First Subdivision, and a part of the Southeast Quarter of the Northwest Quarter (SE¼NW¼), Section Thirty Three (33), Township Eight (8) North, Range Four (4) East of the 6th P.M., City of Crete, Saline County, Nebraska , and said owner hereby ratifies and approves the disposition of the property as shown on the above plat, and hereby dedicates to the use and benefit of the public, the streets and utility easements as shown upon said plat, and acknowledges said subdivision to be made with the free consent and in accord with the desires of said owner.

IN WITNESS WHEREOF, we have affixed our signature at _____, _____, this _____day of_____, 2023.

_____
Louis Badousek, Owner

ACKNOWLEDGEMENT
State of _____
ss
County of _____
On the _____ day of _____, 2023, before me _____, a Notary Public within and for said County, personally appeared that Louis Badousek, to me personally known to be the identical persons whose signatures are affixed hereto, and that they did acknowledge the execution thereof to be their voluntary act and deed, and that they are empowered to make the above dedication for and in behalf of said "BELOHLAVY ESTATES SECOND SUBDIVISION".

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed by official seal at _____, _____, on the date last above written.
My commission expires _____.

_____
Notary Public

CITY OF CRETE CITY COUNCIL
This plat of 'BELOHLAVY ESTATES SECOND SUBDIVISION' as described in above legal description(s) were approved by the Mayor and the City Council of the City of Crete, Saline County, Nebraska on the _____ day of _____, 2023.

_____ ATTEST:_____
Mayor City Clerk

APPROVAL OF ZONING ADMINISTRATOR
This plat of 'BELOHLAVY ESTATES SECOND SUBDIVISION' as described in above legal description(s) were approved by the Mayor and the City Council of the City of Crete, Saline County, Nebraska on the _____ day of_____, 2023.

_____
Zoning Administrator

JASNOWSKI SURVEYING LLC

PROJECT NUMBER 23-LS-49A - DATE 08/02/2023
DRAWN BY E.A.J. - CHECKED BY E.B.J.
1205 1st STREET, AURORA, NE 68818
PHONE 402-694-8703 - EMAIL ejasnowskie@gmail.com

OWNER - LOUIS BADOUSEK & BELOHLAVY ESTATES, L.P.
SUBDIVIDER - MATT THOMAS
SURVEYOR - JASNOWSKI SURVEYING LLC
NUMBER OF LOTS - 2

Contractor's Application for Payment

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Application No.:	3	**Application Date:**	7/31/2023
Application Period:	**From** 5/20/2023	**to**	7/31/2023

1. Original Contract Price		$ 1,905,856.85
2. Net change by Change Orders		$ 52,980.34
3. Current Contract Price (Line 1 + Line 2)		$ 1,958,837.19
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)		$ 1,278,102.37
5. Retainage		
a. 5% X $ 1,278,102.37 Work Completed =	$ 63,905.12	
b. 5% X $ - Stored Materials =	$ -	
c. Total Retainage (Line 5.a + Line 5.b)		$ 63,905.12
6. Amount eligible to date (Line 4 - Line 5.c)		$ 1,214,197.25
7. Less previous payments (Line 6 from prior application)		$ 981,860.35
8. Amount due this application		$ 232,336.90
9. Balance to finish, including retainage (Line 3 - Line 4 + Line 5.c)		$ 744,639.94

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: Shawn Rou Constructors Inc.

Signature: _____ **Date:** 8-4-23

Recommended by Engineer	**Approved by Owner**
By:	**By:**
Title: Project Manager	**Title:**
Date: 8/1/23	**Date:**
Approved by Funding Agency	
By:	**By:**
Title:	**Title:**
Date:	**Date:**

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Progress Estimate - Unit Price Work | **Contractor's Application for Payment**

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 3 **Application Period:** From 05/19/23 to 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L
		Contract Information				Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
	Original Contract										
GROUP A – OAK AVENUE (SOUTH) & 18TH STREET (WEST) (SID 2022-06)					-		-		-		-
1	Mobilization	1	LS	$44,479.57	44,479.57	1.00	44,479.57		44,479.57	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	10	EA	$3,922.27	39,222.70	10.00	39,222.70		39,222.70	100%	-
5	Remove Pavement	170	SY	$10.84	1,842.80	170.00	1,842.80		1,842.80	100%	-
6	Remove Concrete Sidewalk	663	SF	$3.01	1,995.63	663.00	1,995.63		1,995.63	100%	-
7	Remove Storm Sewer Structure (< 6' deep)	1	EA	$1,806.94	1,806.94	1.00	1,806.94		1,806.94	100%	-
8	Remove Storm Sewer Pipe	173	LF	$13.49	2,333.77	173.00	2,333.77		2,333.77	100%	-
9	Adjust Valve Box to Grade	4	EA	$1,927.40	7,709.60		-		-	0%	7,709.60
10	Replace Curb Stop Box	1	EA	$2,770.65	2,770.65		-		-	0%	2,770.65
11	Earthwork Measured in Embankment (Established Quantity)	750	CY	$21.68	16,260.00	750.00	16,260.00		16,260.00	100%	-
12	7" Concrete Pavement	2,350	SY	$66.87	157,144.50		-		-	0%	157,144.50
13	6" Concrete Driveway	119	SY	$78.62	9,355.78		-		-	0%	9,355.78
14	4" Concrete Sidewalk	4,751	SF	$8.49	40,335.99		-		-	0%	40,335.99
15	Detectable Warning Panels	56	SF	$26.77	1,499.12		-		-	0%	1,499.12
16	Subgrade Preparation	2,350	SY	$5.59	13,136.50		-		-	0%	13,136.50
17	Gravel Surface Course	2	TONS	$68.97	137.94		-		-	0%	137.94
18	Concrete Header	2	EA	$736.78	1,473.56		-		-	0%	1,473.56
19	**Concrete Collar**	1	EA	$655.91	655.91		-		-	0%	655.91
20	Curb Inlet	3	EA	$7,690.03	23,070.09		-		-	0%	23,070.09
21	Curb Inlet w/ Manhole	2	EA	$8,819.32	17,638.64		-		-	0%	17,638.64
22	Storm Sewer Junction Box (4'x4')	1	EA	$7,724.34	7,724.34		-		-	0%	7,724.34
23	18" RCP Flared End Section	1	EA	$993.10	993.10		-		-	0%	993.10
24	15" PVC Pipe, SDR 35"	68	LF	$59.11	4,019.48		-		-	0%	4,019.48
25	18" RCP, Class III	204	LF	$62.15	12,678.60		-		-	0%	12,678.60
26	24" Round Equivalent (RE) RCP, Class III	6	LF	$95.47	572.82		-		-	0%	572.82
27	Temporary Traffic Control Measures	1	LS	$4,259.36	4,259.36		-		-	0%	4,259.36
28	Reset Sign and Post	2	EA	$144.88	289.76		-		-	0%	289.76
29	6" Topsoil	2,350	SY	$6.02	14,147.00		-		-	0%	14,147.00
30	Silt Fence, High Porosity	100	LF	$7.36	736.00		-		-	0%	736.00
31	Curb Inlet Sediment Filter	1	EA	$175.72	175.72		-		-	0%	175.72
32	Hydro-Seeding, Fertilizer and Mulch	0.5	ACRE	$27,801.96	13,900.98		-		-	0%	13,900.98
GROUP B – 18TH STREET (EAST) (SID 2022-02)											
1	Mobilization	1	LS	$29,810.75	29,810.75	1.00	29,810.75		29,810.75	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	6	EA	$3,922.27	23,533.62	6.00	23,533.62		23,533.62	100%	-
5	Remove Pavement	100	SY	$10.84	1,084.00	100.00	1,084.00		1,084.00	100%	-
6	Remove Concrete Sidewalk	372	SF	$3.01	1,119.72	372.00	1,119.72		1,119.72	100%	-
7	Remove Storm Sewer Pipe	55	LF	$16.23	892.65	55.00	892.65		892.65	100%	-
8	Adjust Valve Box to Grade	3	EA	$1,927.41	5,782.23	3.00	5,782.23		5,782.23	100%	-
9	Earthwork Measured in Embankment (Established Quantity)	250	CY	$21.68	5,420.00	250.00	5,420.00		5,420.00	100%	-
10	7" Concrete Pavement	1,535	SY	$67.44	103,520.40	1,535.00	103,520.40		103,520.40	100%	-
11	6" Concrete Driveway	188	SY	$78.63	14,782.44	154.00	12,109.02		12,109.02	82%	2,673.42
12	4" Concrete Sidewalk	2,448	SF	$8.81	21,566.88	2,448.00	21,566.88		21,566.88	100%	-
13	Modular Block Retaining Wall	55	SF	$101.11	5,561.05	55.00	5,561.05		5,561.05	100%	-
14	Detectable Warning Panels	48	SF	$36.49	1,751.52	48.00	1,751.52		1,751.52	100%	-

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Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 3 **Application Period:** From 05/19/23 to 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L
		Contract Information				Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
15	Subgrade Preparation	1,535	SY	$5.59	8,580.65	1,535.00	8,580.65		8,580.65	100%	-
16	Gravel Surface Course	2	TONS	$68.97	137.94	2.00	137.94		137.94	100%	-
17	Concrete Header	4	EA	$429.79	1,719.16	4.00	1,719.16		1,719.16	100%	-
18	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88	1.00	3,093.88		3,093.88	100%	-
19	Reset Sign and Post	5	EA	$145.02	725.10		-		-	0%	725.10
20	6" Topsoil	1,535	SY	$6.02	9,240.70	1,535.00	9,240.70		9,240.70	100%	-
21	Silt Fence, High Porosity	100	LF	$7.36	736.00		-		-	0%	736.00
22	Curb Inlet Sediment Filter	1	EA	$175.72	175.72	1.00	175.72		175.72	100%	-
23	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86	0.25	6,950.86		6,950.86	100%	-
GROUP C – LINDEN AVENUE (SID 2022-03)											
1	Mobilization	1	LS	$29,340.47	29,340.47	1.00	29,340.47		29,340.47	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	4	EA	$3,922.27	15,689.08	4.00	15,689.08		15,689.08	100%	-
5	Remove Pavement	18	SY	$10.84	195.12	18.00	195.12		195.12	100%	-
6	Remove Storm Sewer Structure (< 6' deep)	1	EA	$1,806.94	1,806.94	1.00	1,806.94		1,806.94	100%	-
7	Remove Storm Sewer Pipe	5	LF	$27.58	137.90	5.00	137.90		137.90	100%	-
8	Earthwork Measured in Embankment (Established Quantity)	121	CY	$31.23	3,778.83	121.00	3,778.83		3,778.83	100%	-
9	7" Concrete Pavement	939	SY	$66.68	62,612.52	939.00	62,612.52		62,612.52	100%	-
10	4" Concrete Sidewalk	1,335	SF	$7.26	9,692.10	1,335.00	9,692.10		9,692.10	100%	-
11	Modular Block Retaining Wall	10	SF	$101.09	1,010.90		-		-	0%	1,010.90
12	Subgrade Preparation	939	SY	$5.59	5,249.01	939.00	5,249.01		5,249.01	100%	-
13	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88	1.00	3,093.88		3,093.88	100%	-
14	6" Topsoil	939	SY	$6.02	5,652.78	939.00	5,652.78		5,652.78	100%	-
15	Silt Fence, High Porosity	100	LF	$7.36	736.00		-		-	0%	736.00
16	Curb Inlet Sediment Filter	1	EA	$174.90	174.90	1.00	174.90		174.90	100%	-
17	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86	0.25	6,950.86		6,950.86	100%	-
GROUP D – 21ST STREET (SID 2022-05)											
1	Mobilization	1	LS	$29,202.59	29,202.59	1.00	29,202.59		29,202.59	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	4	EA	$3,922.27	15,689.08	4.00	15,689.08		15,689.08	100%	-
5	Remove Pavement	373	SY	$10.84	4,043.32	373.00	4,043.32		4,043.32	100%	-
6	Remove Concrete Sidewalk	2,317	SF	$3.01	6,974.17	2,317.00	6,974.17		6,974.17	100%	-
7	Adjust Valve Box to Grade	4	EA	$1,927.40	7,709.60	4.00	7,709.60		7,709.60	100%	-
8	Earthwork Measured in Embankment (Established Quantity)	69	CY	$21.68	1,495.92	69.00	1,495.92		1,495.92	100%	-
9	7" Concrete Pavement	1,341	SY	$69.01	92,542.41	1,341.00	92,542.41		92,542.41	100%	-
10	6" Concrete Driveway	50	SY	$78.61	3,930.50	50.00	3,930.50		3,930.50	100%	-
11	4" Concrete Sidewalk	3,318	SF	$10.42	34,573.56	3,318.00	34,573.56		34,573.56	100%	-
12	Detectable Warning Panels	112	SF	$36.49	4,086.88	112.00	4,086.88		4,086.88	100%	-
13	Subgrade Preparation	1,341	SY	$5.58	7,482.78	1,341.00	7,482.78		7,482.78	100%	-
14	Gravel Surface Course	2	TONS	$68.97	137.94		-		-	0%	137.94
15	Concrete Header	2	EA	$532.11	1,064.22	2.00	1,064.22		1,064.22	100%	-
16	Trench Drain	1	EA	$4,336.00	4,336.00	1.00	4,336.00		4,336.00	100%	-
17	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88	1.00	3,093.88		3,093.88	100%	-
18	Reset Sign and Post	1	EA	$145.65	145.65		-		-	0%	145.65
19	6" Topsoil	1,110	SY	$6.02	6,682.20	1,110.00	6,682.20		6,682.20	100%	-
20	Silt Fence, High Porosity	100	LF	$7.36	736.00		-		-	0%	736.00
21	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86		-		-	0%	6,950.86

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Progress Estimate - Unit Price Work | **Contractor's Application for Payment**

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 3 **Application Period:** From 05/19/23 to 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L
		Contract Information				Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
GROUP E – KINGWOOD AVENUE (2022-04)											
1	Mobilization	1	LS	$28,884.99	28,884.99	1.00	28,884.99		28,884.99	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	1	EA	$3,922.27	3,922.27	1.00	3,922.27		3,922.27	100%	-
5	Remove Concrete Sidewalk	23	SF	$6.02	138.46	23.00	138.46		138.46	100%	-
6	Adjust Valve Box to Grade	2	EA	$1,927.41	3,854.82	2.00	3,854.82		3,854.82	100%	-
7	Replace Curb Stop Box	1	EA	$2,770.65	2,770.65	1.00	2,770.65		2,770.65	100%	-
8	Earthwork Measured in Embankment (Established Quantity)	42	CY	$21.68	910.56	42.00	910.56		910.56	100%	-
9	7" Concrete Pavement	924	SY	$65.41	60,438.84	924.00	60,438.84		60,438.84	100%	-
10	4" Concrete Sidewalk	1,745	SF	$9.76	17,031.20	1,745.00	17,031.20		17,031.20	100%	-
11	Detectable Warning Panels	40	SF	$36.49	1,459.60	40.00	1,459.60		1,459.60	100%	-
12	Subgrade Preparation	924	SY	$5.58	5,155.92	924.00	5,155.92		5,155.92	100%	-
13	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88	1.00	3,093.88		3,093.88	100%	-
14	6" Topsoil	924	SY	$6.02	5,562.48	924.00	5,562.48		5,562.48	100%	-
15	Silt Fence, High Porosity	300	LF	$7.36	2,208.00		-		-	0%	2,208.00
16	Curb Inlet Sediment Filter	2	EA	$174.98	349.96	2.00	349.96		349.96	100%	-
17	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86	0.25	6,950.86		6,950.86	100%	-
GROUP F – OAK AVENUE (NORTH) (SID 2022-07)											
1	Mobilization	1	LS	$29,880.87	29,880.87	1.00	29,880.87		29,880.87	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	4	EA	$3,922.27	15,689.08	4.00	15,689.08		15,689.08	100%	-
5	Adjust Valve Box to Grade	3	EA	$1,927.41	5,782.23		-		-	0%	5,782.23
6	Earthwork Measured in Embankment (Established Quantity)	97	CY	$21.68	2,102.96	97.00	2,102.96		2,102.96	100%	-
7	7" Concrete Pavement	1,265	SY	$68.14	86,197.10		-		-	0%	86,197.10
8	6" Concrete Driveway	42	SY	$78.59	3,300.78		-		-	0%	3,300.78
9	4" Concrete Sidewalk	4,161	SF	$9.28	38,614.08		-		-	0%	38,614.08
10	Detectable Warning Panels	80	SF	$36.49	2,919.20		-		-	0%	2,919.20
11	Subgrade Preparation	1,265	SY	$5.59	7,071.35		-		-	0%	7,071.35
12	Gravel Surface Course	1	TONS	$69.95	69.95		-		-	0%	69.95
13	Concrete Header	1	EA	$327.45	327.45		-		-	0%	327.45
14	Adjust Hydrant to Grade	1	EA	$2,891.10	2,891.10		-		-	0%	2,891.10
15	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88		-		-	0%	3,093.88
16	Reset Sign and Post	2	EA	$144.88	289.76		-		-	0%	289.76
17	6" Topsoil	1,265	SY	$6.02	7,615.30		-		-	0%	7,615.30
18	Silt Fence, High Porosity	400	LF	$7.36	2,944.00		-		-	0%	2,944.00
19	Curb Inlet Sediment Filter	3	EA	$175.22	525.66		-		-	0%	525.66
20	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86		-		-	0%	6,950.86
GROUP G – 23RD STREET (WEST) (SID 2022-07)											
1	Mobilization	1	LS	$41,531.98	41,531.98	1.00	41,531.98		41,531.98	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	3	EA	$3,922.27	11,766.81	3.00	11,766.81		11,766.81	100%	-
5	Remove Storm Sewer Structure (< 6' deep)	1	EA	$1,806.94	1,806.94	1.00	1,806.94		1,806.94	100%	-
6	Remove Storm Sewer Pipe	15	LF	$12.47	187.05	15.00	187.05		187.05	100%	-
7	Earthwork Measured in Embankment (Established Quantity)	399	CY	$21.68	8,650.32	399.00	8,650.32		8,650.32	100%	-
8	7" Concrete Pavement	971	SY	$64.65	62,775.15		-		-	0%	62,775.15
9	6" Concrete Driveway	73	SY	$78.62	5,739.26		-		-	0%	5,739.26

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Progress Estimate - Unit Price Work | **Contractor's Application for Payment**

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 3 **Application Period:** **From** 05/19/23 **to** 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L
		Contract Information				Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
10	4" Concrete Sidewalk	2,295	SF	$8.26	18,956.70		-		-	0%	18,956.70
11	Detectable Warning Panels	48	SF	$36.49	1,751.52		-		-	0%	1,751.52
12	Subgrade Preparation	971	SY	$5.59	5,427.89		-		-	0%	5,427.89
13	Gravel Surface Course	1	TONS	$69.95	69.95		-		-	0%	69.95
14	Concrete Header	1	EA	$72.86	72.86		-		-	0%	72.86
15	Curb Inlet	1	EA	$6,978.99	6,978.99		-		-	0%	6,978.99
16	Curb Inlet w/ Manhole	1	EA	$8,714.52	8,714.52		-		-	0%	8,714.52
17	12" PVC Pipe, SDR 35"	32	LF	$52.03	1,664.96		-		-	0%	1,664.96
18	18" RCP, Class III	159	LF	$62.15	9,881.85		-		-	0%	9,881.85
19	Connect to Existing Storm Sewer Structure	1	EA	$1,463.69	1,463.69		-		-	0%	1,463.69
20	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88		-		-	0%	3,093.88
21	6" Topsoil	971	SY	$6.02	5,845.42		-		-	0%	5,845.42
22	Silt Fence, High Porosity	100	LF	$6.03	603.00		-		-	0%	603.00
23	Curb Inlet Sediment Filter	2	EA	$174.98	349.96		-		-	0%	349.96
24	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86		-		-	0%	6,950.86
GROUP H – 23RD STREET (EAST) (SID 2022-01)											
1	Mobilization	1	LS	$41,620.10	41,620.10	1.00	41,620.10		41,620.10	100%	-
2	Bonding and Insurance	1	LS	$481.85	481.85	1.00	481.85		481.85	100%	-
3	Clearing and Grubbing	1	LS	$1,385.32	1,385.32	1.00	1,385.32		1,385.32	100%	-
4	Remove Tree	7	EA	$3,922.27	27,455.89	7.00	27,455.89		27,455.89	100%	-
5	Remove Pavement	104	SY	$10.84	1,127.36	104.00	1,127.36		1,127.36	100%	-
6	Remove Concrete Sidewalk	234	SF	$3.01	704.34	228.00	686.28		686.28	97%	18.06
7	Adjust Valve Box to Grade	1	EA	$1,927.41	1,927.41	1.00	1,927.41		1,927.41	100%	-
8	Remove And Reset Existing Hydrant Assembly	1	EA	$5,420.83	5,420.83		-		-	0%	5,420.83
9	6" DIP Water Main, Class 350	14	LF	$548.11	7,673.54		-		-	0%	7,673.54
10	Earthwork Measured in Embankment (Established Quantity)	256	CY	$21.68	5,550.08	256.00	5,550.08		5,550.08	100%	-
11	7" Concrete Pavement	1,103	SY	$66.61	73,470.83	1,103.00	73,470.83		73,470.83	100%	-
12	6" Concrete Driveway	88	SY	$78.62	6,918.56	88.00	6,918.56		6,918.56	100%	-
13	4" Concrete Sidewalk	2,984	SF	$10.25	30,586.00	2,984.00	30,586.00		30,586.00	100%	-
14	Detectable Warning Panels	88	SF	$36.49	3,211.12	94.00	3,430.06		3,430.06	107%	(218.94)
15	Subgrade Preparation	1,103	SY	$5.59	6,165.77	1,103.00	6,165.77		6,165.77	100%	-
16	Gravel Surface Course	2	TONS	$68.97	137.94	2.00	137.94		137.94	100%	-
17	Concrete Header	2	EA	$532.11	1,064.22	2.00	1,064.22		1,064.22	100%	-
18	Curb Inlet	1	EA	$8,283.46	8,283.46	1.00	8,283.46		8,283.46	100%	-
19	Curb Inlet w/ Manhole	1	EA	$8,714.52	8,714.52	1.00	8,714.52		8,714.52	100%	-
20	12" PVC Pipe, SDR 35"	32	LF	$59.12	1,891.84	32.00	1,891.84		1,891.84	100%	-
21	18" RCP, Class III	164	LF	$62.15	10,192.60	164.00	10,192.60		10,192.60	100%	-
22	Connect to Existing Storm Sewer Structure	1	EA	$1,463.69	1,463.69	1.00	1,463.69		1,463.69	100%	-
23	Temporary Traffic Control Measures	1	LS	$3,093.88	3,093.88	1.00	3,093.88		3,093.88	100%	-
24	6" Topsoil	1,103	SY	$6.02	6,640.06	1,103.00	6,640.06		6,640.06	100%	-
25	Silt Fence, High Porosity	200	LF	$7.36	1,472.00		-		-	0%	1,472.00
26	Curb Inlet Sediment Filter	2	EA	$174.98	349.96	2.00	349.96		349.96	100%	-
27	Hydro-Seeding, Fertilizer and Mulch	0.25	ACRE	$27,803.44	6,950.86		-		-	0%	6,950.86
					-		-		-		-
				Original Contract Totals	**$ 1,905,856.85**		**$ 1,225,122.03**	**$ -**	**$ 1,225,122.03**	**64%**	**$ 680,734.82**

EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 3 **Application Period:** From 05/19/23 to 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L
		Contract Information				Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
Change Orders											
CO #1	See Attached Change Order for Item Breakdown	1.00	LS	52,980.34	52,980.34	1.00	52,980.34		52,980.34	100%	-
					-		-		-		-
					-		-		-		-
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Change Order Totals					$ 52,980.34		$ 52,980.34	$ -	$ 52,980.34	100%	$ -
Original Contract and Change Orders											
Project Totals					$ 1,958,837.19		$ 1,278,102.37	$ -	$ 1,278,102.37	65%	$ 680,734.82

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Stored Materials Summary

Contractor's Application for Payment

Owner:	City of Crete, Nebraska	**Owner's Project No.:**	
Engineer:	JEO Consulting Group, Inc.	**Engineer's Project No.:**	220169.00
Contractor:	Constructors, Inc.	**Contractor's Project No.:**	23-015
Project:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		
Contract:	2022 Street Improvements (Street Improvement Districts 2022-01 to 2022-07)		

Application No.: 2 **Application Period:** **From** 05/20/23 **to** 07/31/23 **Application Date:** 07/31/23

A	B	C	D	E	F	G	H	I	J	K	L	M
						Materials Stored			Incorporated in Work			
Item No. (Lump Sum Tab) or Bid Item No. (Unit Price Tab)	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Description of Materials or Equipment Stored	Storage Location	Application No. When Materials Placed in Storage	Previous Amount Stored ($)	Amount Stored this Period ($)	Amount Stored to Date (G + H) ($)	Amount Previously Incorporated in the Work ($)	Amount Incorporated in the Work this Period ($)	Total Amount Incorporated in the Work (J + K) ($)	Materials Remaining in Storage (I - L) ($)
								-			-	-
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					Totals	$ -	$ -	$ -	$ -	$ -	$ -	$ -

EJCDC C-620 Contractor's Application for Payment
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SEND Inc
Southeast Nebraska Development Incorporated

SENDD
Southeast Nebraska Development District

SENAHC
SOUTHEAST NEBRASKA AFFORFABLE HOUSING COUNCIL

2023/24 MEMBERSHIP PACKET

WHY JOIN SENDD?

Housing
Broadband
Global Perspectives
Regional Values
Connector
Contracting
Grant Assistance
Disaster Recovery
Loans
Local Impacts
Community Development
Economic Development

LETTER FROM THE EXECUTIVE DIRECTOR

The Southeast Nebraska Development District (SENDD) Board and staff would like to thank you for your continued support. Your membership is critical to the organization's success. SENDD is your regional community and economic development organization, and we work hard to improve services and programs.

Each year, SENDD staff hear from rural residents about lack of access to broadband. In 2020, we took on this challenge beginning with a statewide crowdsourced mapping tool that documented actual vs. advertised broadband speeds. The following year, SENDD hired two Lead for America (LFA) Broadband Fellows who worked exclusively on internet issues. During this time, the Fellows met with county officials, key stakeholders, community members, and state officials to develop investment plans for broadband implementation, and this past year, the dividends showed (see below).

SENDD will continue serving you, and we look forward to making an impact across the region by growing our regional economy, identifying new opportunities, and building local wealth. Above all, we will continue to listen. For up-to-date information on grant programs, community and legislative updates, and news alerts, please go to our website at www.sendd.org, sign up for our e-newsletter, or "Like" our Facebook page.

Once again, thank you for your support, and know that SENDD staff are here to help. As always, I want to extend an open invitation to all members: please, visit the SENDD offices were you are in Auburn or Lincoln, or call and schedule a time for us to attend your city council or county supervisor meetings. To better serve you now and in the future, I encourage you to call our staff with your ideas, suggestions, and thoughts. We look forward to your next visit.

Sincerely,

Tom Bliss, Executive Director

RETURN ON INVESTMENT - BROADBAND FOCUSED



- In July 2022, SENDD's Broadband Fellows and staff worked with the State of Nebraska to secure a **$600,000 grant** to expand digital access to underserved populations, including veterans, rural families, students, and seniors, while providing digital literacy instructions.
- SENDD worked with Gage County to write a Request for Proposal that resulted in a **$13 million broadband project that will connect around 1,000 homes and create 13 new jobs.**
- In April 2023, SENDD received a **$500,000 federal grant** to assist area residents with enrolling in the Affordable Connectivity Program (ACP)
- SENDD Broadband Fellows partnered with Nebraska Public Power District (NPPD) - this partnership led to an outcome of over **100,000 availability and location challenges and played a major role in the State receiving an additional $200 million in broadband funding (Total $405 million).**

MEMBERSHIP

SENDD Southeast Nebraska Development District MEMBER BENEFITS	FULL PAYING DUES	GENERAL NON PAYING DUES
Monthly Newsletter	X	X
Special notices regarding programs of interest	X	X
Unlimited visits to discuss requirements of specific programs	X	
Limited visits to discuss requirements of specific programs		X
Assistance with grant and loan applications, generally at no additional cost	X	
Special studies associated with grant and loan applications	X	
Census data and special reports maintained by SENDD	X	
Labor/Workforce data maintained by SENDD	X	
Staff consultation on specific employment generating projects	X	
Access to the Regional SENDD Economic Development Lite Program	X	
Assistance with grant and loan applications - charged at a non-member rate with a fee-for-service contract required		X
Access to training/educational workshops at no additional cost	X	
Access to training/educational workshops with a registration fee required		X

HOUSING

Is your community or county facing challenges associated with outdated or insufficient housing availability? SENDD is proud to offer a wide range of opportunities aimed to help update and grow your local housing stock! By paying our annual Housing Dues, you help to fund our ability to write grants and develop housing opportunities in your area. Housing dues are based on population size.

SENDD has been a regional leader in affordable housing development since its founding in the late 1970s. Today, SENDD housing staff continues to expand as more and more counties and communities receive funding in our area. We currently have **SEVEN members** on our Housing Team that are qualified and well trained to bring much needed housing programs to your communities.

By paying SENDD's housing dues, you have the potential to receive an **800:1 dollar return on your investment, as many of our housing grants range from $350,000 to over $600,000.** To date, SENDD has assisted **over 25 communities** implement successful housing programs.

Please contact Jim Warrelmann at jwarrelmann@sendd.org for additional information about housing or to schedule a meeting.

VOLUNTARY HOUSING DUES

Dues cover costs specifically associated with housing, including:

- Training for staff members in housing grant application development
- Training on changing regulations related to Federal/State funding for housing programs
- State certifications involving lead-based paint and clearance testing
- Assistance to member communities with applications to partially underwrite the cost of housing needs studies; assistance to communities and private developers with packaging grant and loan applications
- Ongoing expenses related to housing projects after the project is closed

TYPES OF HOUSING PROGRAMS

- Rehabilitation programs for income-qualified owner-occupied residential units
- Down-payment assistance programs to aid income-qualified first-time homebuyers
- Purchase/Rehab/Resale programs which may be coupled with down-payment assistance
- Construction of rent-to-own, single-family residential units
- Financial packaging assistance to developers of single and multi-family residential units for income-qualified occupants



MEMBERSHIP SERVICES

Housing & Contracting

- Owner Occupied Rehabilitation
- Purchase Rehab Resale
- Down Payment Assistance Loans
- Housing Quality Standards Inspections
- New Construction Services
- Housing Condition Studies
- Lead-Based Paint Inspections
- USDA Loan Packaging
- General Contracting Services
- Rural Workforce Housing

Economic Development

- Revolving Loan Funds
- GIS Mapping/Location Intelligence
- Support businesses and communities with analytical decision making
- Market reports/analysis
- Technical Assistance for Business Startups and Expansions
- Economic Development & Leadership Certified Community
- Economic Development Curriculum & Toolkit

Emergency & Disaster Relief

- Review Disaster Recovery Plans
- Assess infrastructure, vulnerabilities, and needs of communities impacted by disaster
- Regional Recovery Guide
  - Community and Business Resiliency and Recovery Resources
- Flood and Floodplain Management
- Assist communities to meet National Flood Insurance Program (NFIP) guidelines
  - Potential insurance premium discount for Community Rating System

Community Development

- Grant Writing and Administration
  - Community Development Block Grant (Downtown Revitalization, Economic Development, Planning, Public Works, Tourism, Youth Job Training)
  - Community & Civic Center Financing Fund
  - Land & Water Conservation Fund
- Household Income Studies
- Community Needs Assessment
- Workforce Availability Studies
- Project Specific Environmental Review
- Strategic Planning
- Broadband Assistance

SENDD members can take advantage of our wide variety of services. We are continually looking for additional ways to better serve our member communities.

ALTERNATIVE RESOURCES

CENTER FOR RURAL AFFAIRS

Small Business | Recovery | Express | REAP - Direct, Gap, Invoice, Guarantees

ECONOMIC DEVELOPMENT ADMINISTRATION

Infrastructure | Economic Adjustment | Build to Scale | Job Growth

NEBRASKA DEPARTMENT OF ECONOMIC DEVELOPMENT

Rehabilitation | Infrastructure | Tourism | Revitalization | Community Facilities | Planning

NEBRASKA BUSINESS DEVELOPMENT CENTER

Business Technical Assistance | SBA Assistance | Business Planning

NEBRASKA DEPARTMENT OF ENVIRONMENT & ENERGY

Waste & Recycling | Brownfields | Water | Deconstruction | Weatherization

NEBRASKA ENTERPRISE FUND

Direct | GAP | Invoice | Loan Guarantees | Intermediary Lending

ENVIRONMENTAL PROTECTION AGENCY

Brownfields | Local Foods Local Places | Air Quality

NEBRASKA GAME & PARKS

Land & Water | Recreational Trails

USDA - RURAL DEVELOPMENT

Business & Industry | Energy | Value Added Producer | Housing | Community Facilities

*This list indicates some of SENDD's most used resources, but is not a comprehensive list. We regularly research additional funding opportunities from a variety of resources.

Southeast Nebraska Development District

7407 O St
Lincoln, NE 68510-2444 US
402-475-2560
astutzman@sendd.org
www.sendd.org

INVOICE

BILL TO
City of Crete
PO Box 86
Crete, NE 68333-0086

INVOICE	2324-151-1
DATE	07/01/2023
TERMS	Quarterly
DUE DATE	10/29/2023

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
07/01/2023	Dues (Membership)		1	4,500.00	4,500.00
07/01/2023	Dues (Housing)		1	2,130.00	2,130.00

Membership totals based on population data from the 2020 US Census. Source data can be provided upon request.

BALANCE DUE **$6,630.00**

For Comm. & Council
To

RECEIVED
AUG - 7 2023
CITY OF CRETE
DEPT. OF PUBLIC WORKS

Report Criteria:
Vendor.Vendor number = 1060

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
CRETE ACE HARDWARE (1060)								
CRETE ACE HARDWARE	1	Invoice	BLDG & GRNDS MAINT	07/12/2023	37.93		00/00	701-5330
CRETE ACE HARDWARE	1	Invoice	BLDG & GRNDS MAINT	07/14/2023	34.18		00/00	701-5330
CRETE ACE HARDWARE	1	Invoice	BLDG & GRNDS MAINT	07/18/2023	24.27		00/00	701-5330
CRETE ACE HARDWARE	1	Invoice	JANITORIAL SUPPLIES	07/24/2023	17.62		00/00	701-5541
CRETE ACE HARDWARE	1	Invoice	BODY CONDUIT PVC LB	06/30/2023	6.29		00/00	050-5330
CRETE ACE HARDWARE	1	Invoice	WATER SHUT OFF	07/05/2023	10.98		00/00	002-8031
CRETE ACE HARDWARE	1	Invoice	RETURNED ITEMS	07/06/2023	6.23-		00/00	002-8100
CRETE ACE HARDWARE	1	Invoice	NUTS/BOLTS	07/06/2023	6.23		00/00	002-8100
CRETE ACE HARDWARE	1	Invoice	SNAP KNIFE 8PT ACE	07/07/2023	7.73		00/00	002-8500
CRETE ACE HARDWARE	1	Invoice	HYDRANT RELOCATE	07/10/2023	52.22		00/00	002-8061
CRETE ACE HARDWARE	1	Invoice	SERVICE FLUSH	07/11/2023	10.23		00/00	002-8031
CRETE ACE HARDWARE	1	Invoice	CONNECTOR/VALVE/CLO	07/12/2023	33.44		00/00	002-8031
CRETE ACE HARDWARE	1	Invoice	APOXY	07/13/2023	27.08		00/00	001-8071
CRETE ACE HARDWARE	1	Invoice	MISC EQUIPMENT	07/14/2023	45.06		00/00	001-8500
CRETE ACE HARDWARE	1	Invoice	SHOP SUPPLIES	07/18/2023	19.33		00/00	001-8500
CRETE ACE HARDWARE	1	Invoice	TAPE BARRICADE CAUTI	07/20/2023	27.06		00/00	002-8500
CRETE ACE HARDWARE	1	Invoice	METER REPAIR	07/27/2023	37.09		00/00	002-8090
CRETE ACE HARDWARE	1	Invoice	HEX BUSHINGS 1X3/4" G	06/30/2023	4.59		00/00	501-5330
CRETE ACE HARDWARE	1	Invoice	JANITORIAL SUPPLIES	07/07/2023	27.01		00/00	401-5541
CRETE ACE HARDWARE	1	Invoice	MINERAL SPIRITS	07/11/2023	12.87		00/00	401-6010
CRETE ACE HARDWARE	1	Invoice	CLEANING SUPPLIES	07/11/2023	21.31		00/00	501-5541
CRETE ACE HARDWARE	1	Invoice	JANITORIAL SUPPLIES	07/12/2023	14.68		00/00	722-5541
CRETE ACE HARDWARE	1	Invoice	WEED EATER STRING	07/12/2023	62.99		00/00	521-5332
CRETE ACE HARDWARE	1	Invoice	EQUIPMENT RENTAL	07/12/2023	50.40		00/00	601-8500
CRETE ACE HARDWARE	1	Invoice	BLDG & GRND MAINT	07/13/2023	42.04		00/00	003-7220
CRETE ACE HARDWARE	1	Invoice	LANDSCAPING SUPPLIE	07/13/2023	106.68		00/00	201-5329
CRETE ACE HARDWARE	1	Invoice	KEYS FOR PATROL CAR	07/14/2023	39.64		00/00	201-5329
CRETE ACE HARDWARE	1	Invoice	WEED EATER REPAIR	07/14/2023	44.97		00/00	521-5791
CRETE ACE HARDWARE	1	Invoice	PAINT	07/18/2023	14.68		00/00	401-6010
CRETE ACE HARDWARE	2	Invoice	WINDSHIELD BLADES	07/18/2023	36.78		00/00	401-5968
CRETE ACE HARDWARE	1	Invoice	ROUNDUP-WEED KILLER	07/19/2023	21.75		00/00	003-7220
CRETE ACE HARDWARE	1	Invoice	ECHO SPEED FEED	07/19/2023	77.98		00/00	601-5791
CRETE ACE HARDWARE	1	Invoice	MISC SUPPLIES	07/21/2023	27.58		00/00	522-6020
CRETE ACE HARDWARE	1	Invoice	GFI OUTLET	07/24/2023	21.15		00/00	201-5329
CRETE ACE HARDWARE	1	Invoice	WEED EATER REPAIR	07/24/2023	133.98		00/00	601-5801
CRETE ACE HARDWARE	1	Invoice	FIX FUEL HOSE & KNIFE	07/25/2023	19.30		00/00	521-5332
CRETE ACE HARDWARE	1	Invoice	INSECT KILLER	07/27/2023	23.91		00/00	401-5330

Name	Seq	Type	Description	Invoice Date	Total Cost	PO Number	Period	GL Account
CRETE ACE HARDWARE	2	Invoice	REPAIR BRING SPRAYER	07/27/2023	59.89		00/00	401-5771
CRETE ACE HARDWARE	1	Invoice	DISH SOAP	07/27/2023	4.22		00/00	401-5541
CRETE ACE HARDWARE	2	Invoice	BRINE EQUIP REPAIR	07/27/2023	9.55		00/00	401-5771
CRETE ACE HARDWARE	1	Invoice	STRING LINE FOR LAND	07/28/2023	13.79		00/00	201-5329
CRETE ACE HARDWARE	1	Invoice	FLY TRAPS/SWATTERS	07/28/2023	25.73		00/00	601-8500
CRETE ACE HARDWARE	1	Invoice	POOL SUPPLIES	07/28/2023	28.72		00/00	522-6020
CRETE ACE HARDWARE	1	Invoice	JANITORIAL SUPPLIES	07/31/2023	27.55		00/00	722-5541
Total CRETE ACE HARDWARE (1060):					1,364.25			
Grand Totals:					1,364.25			

Report GL Period Summary

GL Period	Amount
00/00	1,364.25
Grand Totals:	1,364.25

Vendor number hash:	43460
Vendor number hash - split:	46640
Total number of invoices:	41
Total number of transactions:	44

Terms Description	Invoice Amount	Discount Amount	Net Invoice Amount
Open Terms	1,364.25	.00	1,364.25
Grand Totals:	1,364.25	.00	1,364.25

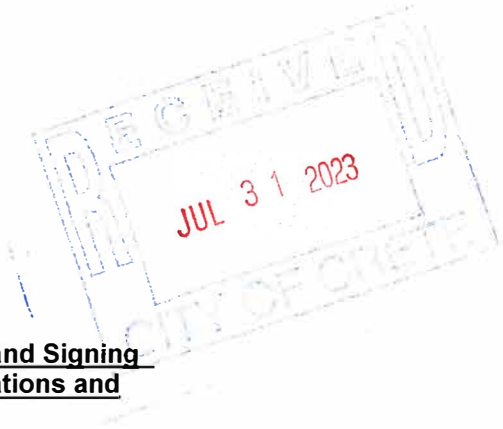
Terms Description	Invoice Amount	Discount Amount	Net Invoice Amount

Report Criteria:
Vendor.Vendor number = 1060

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION



July 28, 2023

Notice to file the Annual Certification of Program Compliance and Signing Resolution with the Nebraska Board of Public Roads Classifications and Standards (NBCS) by October 31, 2023.

Please make this an agenda item for your next City Council / Village Board meeting return to the NBCS by October 31, 2023.

To avoid the suspension of Highway-User Revenue to your municipality please complete the enclosed **MUNICIPAL ANNUAL CERTIFICATION OF PROGRAM COMPLIANCE** and **SIGNING RESOLUTION** and **return them to the NBCS by October 31, 2023**. Reference Neb. Rev. Stat. §§39-2120 and 39-2121(1).

Penalties for failure to comply can be found in the following State Statutes:

- Failure to comply with the provisions of Neb. Rev. Stat. §39-2115.
- Failure to comply with the provisions of Neb. Rev. Stat. §39-2119.
- Failure to file the Municipal Annual Certification of Program Compliance with the NBCS, Neb. Rev. Stat. §39-2121(2).
- Filing of a materially false Municipal Annual Certification of Program Compliance, Neb. Rev. Stat. §39-2121(3).
- Construction below minimum standards without the prior approval of the NBCS, Neb. Rev. Stat. §39-2121(3).

Note: While the signature of the City Street Superintendent is optional on the certification, the NBCS strongly recommends that the superintendent sign this certification if said municipality has a superintendent.

Please let me know if you have any questions. Email: lemoyne.schulz@nebraska.gov
Phone: (402) 479-4436

Sincerely,

LeMoyne D. Schulz
Secretary for the Board

LDS/2023

xc: File

Attachments (2)

Roger A. Figard
Lincoln

Barbara J. Keegan
Alliance

John F. Krager, III
Omaha

Russell Kreachbaum, Jr.
Central City

James A. Litchfield
Wakefield

Brandie Neemann
Lincoln

Steven D. Ramos
Norfolk

Timothy W. Weander
Omaha

Edward R. Wootton, Sr.
Bellevue

LeMoyne D. Schulz
Secretary – ex officio

Vicki Kramer, Director
Department of Transportation

Board of Public Roads Classifications and Standards
1400 Nebraska Parkway
PO Box 94759
Lincoln, NE 68509-4759

OFFICE 402-479-4436
ndot.blshelp@nebraska.gov

dot.nebraska.gov

Do not recreate or revise the pages of this document, as revisions and recreations will not be accepted. Failure to **return both pages of the original document** by the filing deadline (October 31, 2023) may result in the suspension of Highway Allocation funds until the documents are filed.

RESOLUTION

SIGNING OF THE MUNICIPAL ANNUAL CERTIFICATION OF PROGRAM COMPLIANCE 2023

Resolution No. 2023-16

Whereas: State of Nebraska Statutes, sections 39-2115, 39-2119, 39-2120, 39-2121, and 39-2520(2), requires an annual certification of program compliance to the Nebraska Board of Public Roads Classifications and standards; and

Whereas: State of Nebraska Statute, section 39-2120 also requires that the annual certification of program compliance by each municipality shall be signed by the Mayor or Village Board Chairperson and shall include the resolution of the governing body of the municipality authorizing the signing of the certification.

Be it resolved that the Mayor ☒ Village Board Chairperson ☐ of CRETE
(Check one box) *(Print name of municipality)*
is hereby authorized to sign the Municipal Annual Certification of Program Compliance.

Adopted this 15TH day of AUGUST, 2023 at CRETE Nebraska.
(Month)

City Council/Village Board Members

TOM CRISMAN	KYLE FRANS
ASHLEY NEWMYER	DALE STREHLE
DAN PAPIK	ANTHONY FITZGERALD

City Council/Village Board Member_____
Moved the adoption of said resolution
Member _____ Seconded the Motion
Roll Call: _____ Yes _____ No _____ Abstained _____ Absent
Resolution adopted, signed, and billed as adopted.

Attest:

_____
(Signature of Clerk)

Do not recreate or revise the pages of this document, as revisions and recreations will not be accepted. Failure to **return both pages of the original document** by the filing deadline (October 31, 2023) may result in the suspension of Highway Allocation funds until the documents are filed.

MUNICIPAL
ANNUAL CERTIFICATION OF PROGRAM COMPLIANCE
TO
NEBRASKA BOARD OF PUBLIC ROADS CLASSIFICATIONS AND STANDARDS
2023

In compliance with the provisions of the State of Nebraska Statutes, sections 39-2115, 39-2119, 39-2120, 39-2121, and 39-2520(2), requiring annual certification of program compliance to the Board of Public Roads Classifications and Standards, the City ☒ Village ☐ of CRETE
(Check one box) *(Print name of municipality)*
hereby certifies that it:

- ✓ has developed, adopted, and included in its public records the plans, programs, or standards required by sections 39-2115 and 39-2119;
- ✓ meets the plans, programs, or standards of design, construction, and maintenance for its highways, roads, or streets;
- ✓ expends all tax revenue for highway, road, or street purposes in accordance with approved plans, programs, or standards, including county and municipal tax revenue as well as highway-user revenue allocations;
- ✓ uses a system of revenue and costs accounting which clearly includes a comparison of receipts and expenditures for approved budgets, plans, programs, and standards;
- ✓ uses a system of budgeting which reflects uses and sources of funds in terms of plans, programs, or standards and accomplishments;
- ✓ uses an accounting system including an inventory of machinery, equipment, and supplies;
- ✓ uses an accounting system that tracks equipment operation costs;
- ✓ has included in its public records the information required under subsection (2) of section 39-2520; and
- ✓ **has included in its public records a copy of this certification and the resolution of the governing body authorizing the signing of this certification by the Mayor or Village Board Chairperson**.

_____ _____
Signature of Mayor ☒ Village Board Chairperson ☐ (Required) *(Date)*

_____ _____
Signature of City Street Superintendent (Optional) *(Date)*

Return the completed original signing resolution and annual certification of program compliance by October 31, 2023 to:

Nebraska Board of Public Roads Classifications and Standards
PO Box 94759
Lincoln NE 68509

ORDINANCE NO. 2176

AN ORDINANCE OF THE CITY OF CRETE, NEBRASKA RELATING TO ANNEXATION; TO ANNEX CERTAIN CONTIGUOUS OR ADJACENT LAND IN PART OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 33, TOWNSHIP 8 NORTH, RANGE 4 EAST; AND TO EXTEND THE CORPORATE LIMITS OF THE CITY.

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF CRETE, NEBRASKA:

Section 1. That, pursuant to Neb. Rev. Stat. § 16-117(7), a petition requesting annexation was received from the owner(s) of the following described land comprised of the parcel described below, to wit (the "Annexed Territory"):

> All of Lots 8 and 9, Belohlavy Estates First Subdivision, and a tract of land located in a part of the SE1/4 of the NW1/4 of Section 33, T8N, R4E of the 6th P.M., City of Crete, Saline County, Nebraska. Said property may be more particularly described as follows:
>
> Beginning at the northeast corner of said Lot 8; thence N 01°15'08" W on and upon the easterly right-of-way line of State Highway #103 a distance of 4.00 feet to a point; thence N 89°42'42" E and parallel with the north line of said Lots 8 and 9 a distance of 312.80 feet to a point on the east line of said Lot 9 extended; thence S 00°17'49" E a distance of 4.00 feet to the northeast corner of said Lot 9; thence S 89°42'42" W on and upon the north line of said Lots 8 and 9 a distance of 312.73 feet to the Point of Beginning.

Section 2. The Mayor and the City Council of the City of Crete, Nebraska (the "City") hereby find and determine that the Annexed Territory, which is contiguous or adjacent to the corporate limits of the city and is urban or suburban in character, should be annexed into the corporate limits of the City.

Section 3. The corporate limits of the City are hereby extended and increased to include and embrace within the corporate limits the Annexed Territory. From henceforth, the Annexed Territory is hereby annexed and declared to be part of the City, it being advisable and in the best interest of the City for such annexation to occur.

Section 4. The City Clerk is hereby directed to file certified copies of this Ordinance in the office of the Register of Deeds of Saline County, Nebraska and the office of the Assessor for Saline County, Nebraska.

Section 5. That all ordinances or parts of ordinances in conflict herewith shall be repealed and that any partial repeal shall not affect the other parts of ordinances that can be given effect without the repealed parts.

Section 6. That this ordinance shall be published in pamphlet, book, or electronic form and shall take effect and be in full force and effect from and after its passage, approval, and publication, as provided by law.

PASSED AND ENACTED the 19th day of September 2023.

CITY OF CRETE, NEBRASKA

Mayor

ATTEST:

Seal

City Clerk

DANA POINT
DEVELOPMENT CORPORATION

August 3, 2023

Anna Burge
City of Crete
243 East 13th Street
Crete, NE 68333

Re: Annexation Request
Four (4) feet immediately north of Lots 8 & 9, Belohlavy Estates First Addition

Dear Ms. Burge,

Please accept this request to an annex 4 feet of property located immediately north of Lots 8 & 9, Belohlavy Estates First Addition, and further described as follows:

A tract of land located in a part of the Southeast Quarter of the Northwest Quarter of Section 33, Township 8 North, Range 4 East of the 6th P.M., City of Crete, Saline County, Nebraska; more particularly described as follows: Beginning at the Northwest corner of Lot 8, Belohlavy Estates First Subdivision; thence N01°15'08"W on and upon the Easterly right-of-way line of State Highway #103, a distance of 4.00 feet to a point; thence N89°42'42"E and parallel with the North line of said Lots 8 and 9, Belohlavy Estates First Subdivision, a distance of 312.80 feet to a point on the East line of said Lot 9, Belohlavy Estates First Subdivision extended; thence S00°17'49"E, a distance of 4.00 feet to the Northeast corner of said Lot 9, Belohlavy Estates First Subdivision; thence S89°42'42"W on and upon the North line of said Lots 8 and 9, Belohlavy Estates First Subdivision, a distance of 312.73 feet to the Point of Beginning.

This annexation request will combine the above described property with the two existing Lots 8 & 9 resulting in two new larger lots and thus will not create separate unusable or inaccessible lots.

Should you have any questions or need anything further please feel free to call me at 209-613-9517.

Sincerely,

Matt Thomas
President
Belohlavy Estates, L.P.

BUTTERFLY ACRES

PRELIMINARY PLAT



SCALE: 1"=100'

LEGAL DESCRIPTION:

I HEREBY CERTIFY THAT I HAVE CAUSED TO BE SURVEYED THE SUBDIVISION, TO BE KNOWN AS "BUTTERFLY ACRES", A SUBDIVISION COMPOSED OF LOT 12 IRREGULAR TRACTS, LOCATED IN THE SOUTHWEST QUARTER OF SECTION 31, TOWNSHIP 8 NORTH, RANGE 5 EAST OF THE 6TH P.M., LANCASTER COUNTY, NEBRASKA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SOUTHWEST QUARTER OF SAID SECTION 31, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF LOT 12 IRREGULAR TRACTS; THENCE NORTH ON THE WEST LINE OF THE SOUTHWEST QUARTER AND ON THE WEST LINE OF LOT 12 IRREGULAR TRACTS, ON AN ASSUMED BEARING OF N00°24'38"E, FOR A DISTANCE OF 1083.69 FEET TO THE SOUTHWEST CORNER OF LOT 16 IRREGULAR TRACTS; THENCE S89°35'22"E ON THE SOUTH LINE OF LOT 16 IRREGULAR TRACTS, FOR A DISTANCE OF 985.53 FEET TO THE SOUTHEAST CORNER OF LOT 16 IRREGULAR TRACTS; THENCE N00°21'31"E ON THE EAST LINE OF LOT 16 IRREGULAR TRACTS, FOR A DISTANCE OF 161.09 FEET TO A POINT ON THE SOUTH LINE OF LOT 17 IRREGULAR TRACTS; THENCE S89°34'36"E ON THE SOUTH LINE OF LOT 17 IRREGULAR TRACTS, FOR A DISTANCE OF 1524.61 FEET TO THE SOUTHEAST CORNER OF SAID LOT 17, SAID POINT ALSO BEING ON THE EAST LINE OF THE SOUTHWEST QUARTER; THENCE S00°29'37"W ON THE EAST LINE OF THE SOUTHWEST QUARTER, AND ON THE EAST LINE OF LOT 12 IRREGULAR TRACTS, FOR A DISTANCE OF 1256.87 FEET TO THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER, SAID POINT ALSO BEING THE SOUTHEAST QUARTER OF LOT 12 IRREGULAR TRACTS; THENCE N89°18'20"W ON THE SOUTH LINE OF THE SOUTHWEST QUARTER, AND ON THE SOUTH LINE OF LOT 12 IRREGULAR TRACTS, FOR A DISTANCE OF 2508.20 FEET TO THE **POINT OF BEGINNING** AND CONTAINING A CALCULATED AREA OF 68.41 ACRES, MORE OR LESS. SUBJECT TO ANY AND ALL EASEMENTS AND RESTRICTIONS OF RECORD.

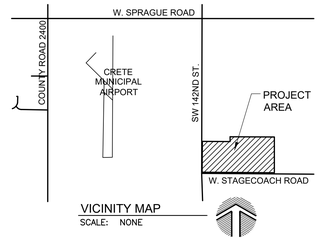
SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS SURVEY WAS ACCURATELY MADE UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED SURVEYOR UNDER THE LAWS OF THE STATE OF NEBRASKA.

Marc Raphael #695

GENERAL NOTES:

1. THIS PRELIMINARY PLAT CONTAINS 68.41 ACRES MORE OR LESS.
2. THE EXISTING ZONE IS A-1 AND LOCATED WITHIN LANCASTER COUNTY, NEBRASKA AND WITHIN THE 3-MILE EXTRA TERRITORIAL JURISDICTION OF CRETE, NEBRASKA.
3. THIS PRELIMINARY PLAT PERMITS 19 SINGLE FAMILY LOTS. EACH LOT SHALL CONTAIN A MAXIMUM OF ONE SINGLE FAMILY RESIDENCE, LOCATED WITHIN THE BUILDING ENVELOPES AS SHOWN AND/OR NOTED.
4. THE DEVELOPER/OR OWNER RESERVES THE RIGHT TO BUILD ANYWHERE WITHIN THE BUILDING ENVELOPES SHOWN.
5. THE DEVELOPER PROPOSES THE USE OF INDIVIDUAL WELLS FOR POTABLE WATER SUPPLY.
6. THE DEVELOPER PROPOSES THE USE OF INDIVIDUAL WASTE WATER SYSTEMS. IF PERCOLATION TEST DO NOT PERMIT SUB SURFACE LATERAL FIELDS, LAGOONS SHALL BE INSTALLED. WASTE WATER SYSTEMS SHALL BE APPROVED BY THE LANCASTER COUNTY HEALTH DEPARTMENT.
7. THE DEVELOPER SHALL CONSTRUCT AND SURFACE THE PUBLIC ROADWAY WITH 3" OF CRUSHED ROCK AND 1" OF GRAVEL IN ACCORDANCE WITH THE LANCASTER COUNTY STANDARDS THE COUNTY SHALL BE NOTIFIED PRIOR TO THE LAYING OF THE ROCK. ALL INTERIOR SURFACING RADII INTERSECTIONS SHALL BE 30 FEET. THE DEVELOPER RESERVES THE RIGHT TO INSTALL ASPHALTIC PAVEMENT OR CONCRETE PAVEMENT IN LIEU OF ROCK.
8. ALL CURVILINEAR DIMENSIONS ARE CHORD LENGTHS.
9. DIRECT VEHICULAR ACCESS IS HEREBY RELINQUISHED ALONG W. STAGECOACH ROAD AND S.W. 142ND STREET AS SHOWN.
10. ALL TOPOGRAPHIC CONTOURS ARE AT NAVD 88 DATUM.
11. DEVELOPERS SHALL BE RESPONSIBLE FOR INSTALLING STREET IDENTIFICATION SIGNS, STOP SIGNS AND NO OUTLET SIGNS AS REQUIRED.
12. ALL PRIVATE IMPROVEMENTS SHALL BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
13. PERMANENT EASEMENTS SHALL BE SHOWN ON FINAL PLATS FOR CULVERT PIPES THAT EXTEND PASS THE RIGHT-OF-WAY.
14. ALL CULVERTS SHALL HAVE A FLARED-END SECTION OR CONCRETE HEADWALL ON THE INLET END.
15. IF ASPHALT OR CONCRETE PAVEMENT IS USED THE DEVELOPER SHALL INSTALL SURVEY CONTROL MONUMENT BOXES AS SPECIFIED BY LANCASTER COUNTY STANDARDS.
16. THE PRIVATE WATER WELLS AND SEWER ONSITE SEPTIC SYSTEMS SHALL MEET ALL STATE, COUNTY, LOCAL CODES THAT REGULATE THE MINIMUM SEPARATION DISTANCES BETWEEN WELLS AND WASTEWATER SYSTEMS.



VICINITY MAP
SCALE: NONE



CURVE DATA

CURVE #	RADIUS	ANGLE	TANGENT	LENGTH	CH DIST	CH BRG
C1	500.00'	20°09'57"	88.91'	175.98'	175.07'	S79°30'23"E
C2	500.00'	32°30'48"	145.80'	283.73'	279.94'	S16°57'04"W
C3	500.00'	33°12'28"	149.09'	289.79'	285.75'	S16°36'14"W

SHEET INDEX

SITE PLAN	1
GRADING & DRAINAGE PLAN	2
PRELIMINARY STREET PROFILES	3
PRELIMINARY STREET PROFILES	4

OWNER/DEVELOPER:

DENTON STORAGE, LLC
2825 PORTER RIDGE ROAD
LINCOLN, NE 68516
(402) 440-0560

ENGINEER:

CIVIL DESIGN GROUP, INC.
8535 EXECUTIVE WOODS DRIVE
SUITE 200
LINCOLN, NE 68512 (402)434-8494

SURVEYOR:

ALLIED SURVEYING & MAPPING
8535 EXECUTIVE WOODS DRIVE
SUITE 200
LINCOLN, NE 68512 (402)434-2686

Civil Design Group, Inc.
8535 EXECUTIVE WOODS DR., SUITE 200
LINCOLN, NEBRASKA 68512
Ph. 402-434-8494 Fax 866-216-8747
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REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN

BUTTERFLY ACRES

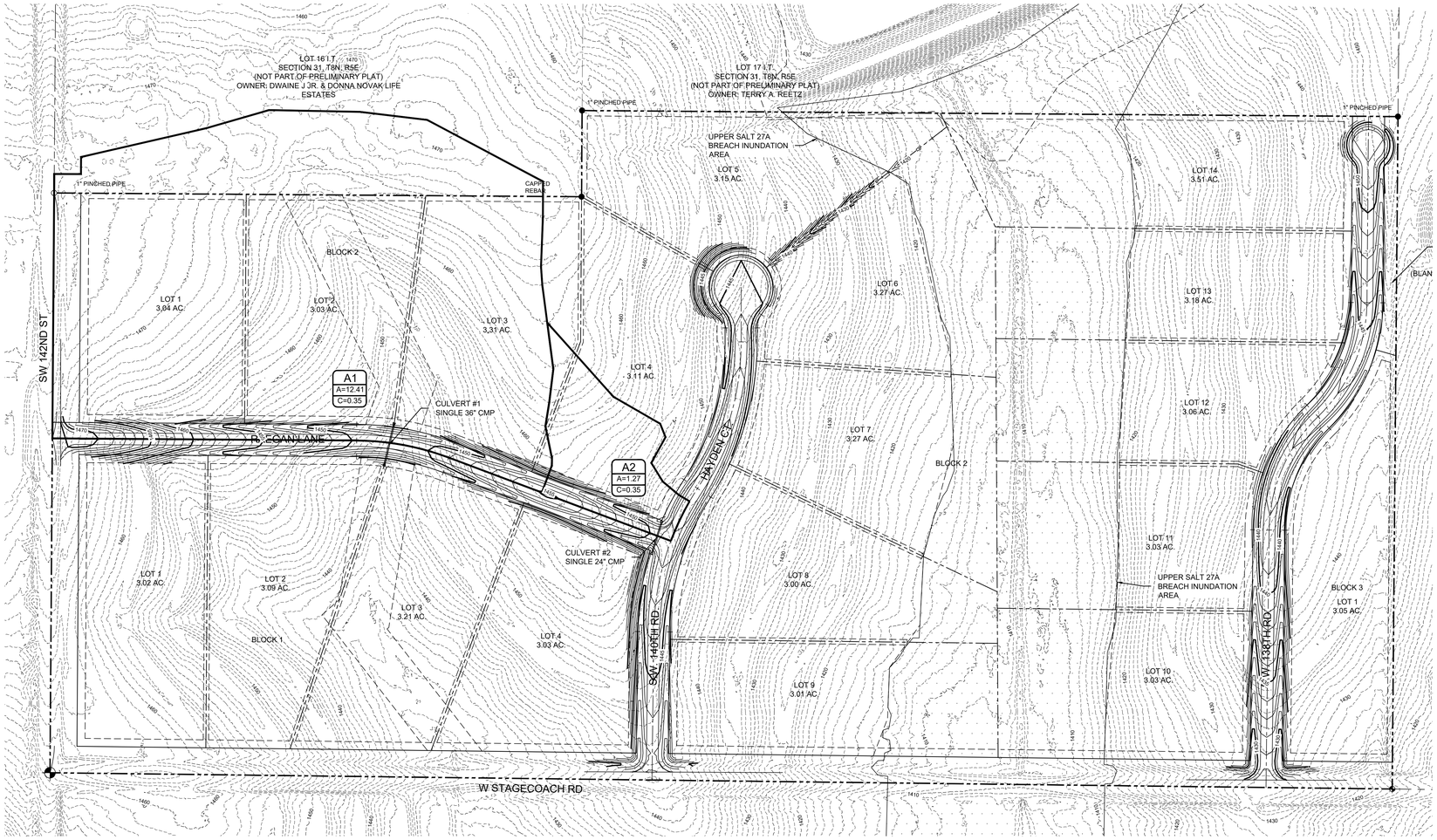
CRETE, NEBRASKA

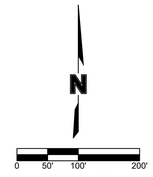
2023

drawn by: -
checked by: -
approved by: -
project no.: 2022-0237
drawing no.: -
date: 07/24/2023

SHEET 1 OF 4

DWG: F:\Projects\2022\2022023\Landplanning\Prelim Plat\220237 SITE.dwg
DATE: Jul 25, 2023 9:27pm
XREFS: 220237 Base 220237 House
USER: Jill Poundation Area





LEGEND

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPERTY LINE
- PROPOSED DRAINAGE BASIN BOUNDARY
- ID / AREA / C= — PROPOSED DRAINAGE BASIN
- XX" RCP — PROPOSED STORM SEWER

GENERAL NOTES

1. ALL ELEVATIONS ARE TO NAVD 88 DATUM.
2. EXISTING AND PROPOSED CONTOUR INTERVALS ARE AT 2.0'. CONTOURS ARE AT NAVD 88 DATUM.
3. OUTLET VELOCITIES FOR ALL AREAS WILL BE CONTROLLED WITH RIP-RAP SUFFICIENT TO PREVENT EROSION AT DISCHARGE POINTS. SIZE AND LOCATION OF RIP-RAP WILL BE DETERMINED DURING FINAL DESIGN.

CULVERT ANALYSIS SUMMARY

	Design Storm	Total Discharge (cfs)	Culvert Discharge (cfs)	Headwater Elevation (ft)	Shoulder Elevation (ft)	Freeboard (ft)	Inlet Control Depth (ft)	Outlet Control Depth (ft)	Flow Type	Normal Depth (ft)	Critical Depth (ft)	Outlet Depth (ft)	Tailwater Depth (ft)	Outlet Velocity (ft/s)	Tailwater Velocity (ft/s)
Proposed Culvert #1 Single 36" CMP	10 yr	31	31	1445.89	1448.76	2.87	2.7	2.89	2-M2c	1.99	1.8	1.8	0.44	6.98	3.84
	50 yr	42	42	1446.55	1448.76	2.21	3.39	3.55	7-M2c	2.266	2.11	2.11	0.52	7.9	4.22
	100 yr	47	47	1446.94	1447.76	0.82	3.74	3.94	7-M2c	3	2.23	2.23	0.55	8.33	4.37
Proposed Culvert #2 Single 24" CMP	10 yr	3.25	3.25	1447.46	1448.97	1.51	0.86	0.96	2-M2c	0.76	0.63	0.63	0.28	3.83	2.24
	50 yr	4.5	4.5	1447.65	1448.97	1.32	1.03	1.15	2-M2c	0.91	0.75	0.75	0.34	4.22	2.48
	100 yr	5	5	1447.72	1448.97	1.25	1.1	1.22	2-M2c	0.96	0.79	0.79	0.36	4.35	2.56

MINIMUM OPENING/FLOOR ELEVATION SUMMARY

BLOCK	LOT	100 YEAR WATER SURFACE	LOWEST FLOOR ELEVATION	MINIMUM OPENING ELEVATION
1	2*	-	-	1433.00
	3*	-	-	1433.00
	4*	-	-	1433.00
2	2**	1446.94	-	1451.25
	3**	1446.94	-	1451.25
	4***	1447.72	-	1451.50
	5	1436.23	-	1438.50
	6	1422.31	-	1424.50
	7	1417.24	-	1419.50
	8	1415.00	-	1417.50
	9	1413.52	-	1416.00
	10	1415.76	-	1418.00
	11	1417.46	-	1419.50
	12	1417.87	-	1420.00
	13	1419.23	-	1421.50
	14	1423.21	-	1425.50

*NOTE: Min. Opening elevation is based on overtopping of W. Stagecoach Road.
**NOTE: Min. Opening elevation is based on overtopping of Raegan Road
***NOTE: Min. Opening elevation is based on overtopping at the intersection of Raegan Road and S.W. 140th Road.
Block 2, Lots 5-14 water surface elevations are based on the NRD breach inundation area.

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GRADING AND DRAINAGE PLAN

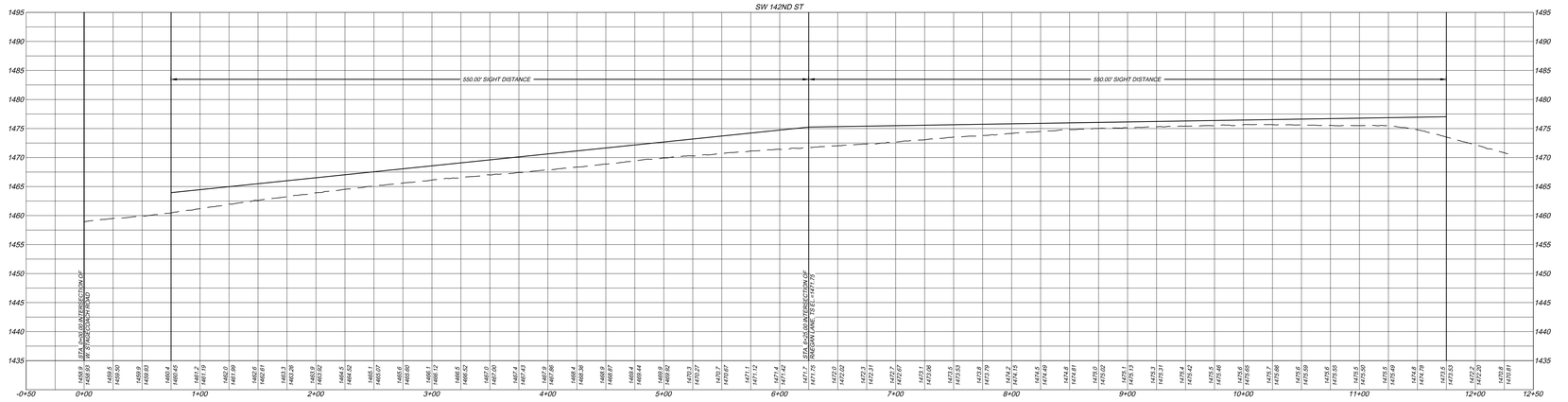
BUTTERFLY ACRES

CRETE, NEBRASKA

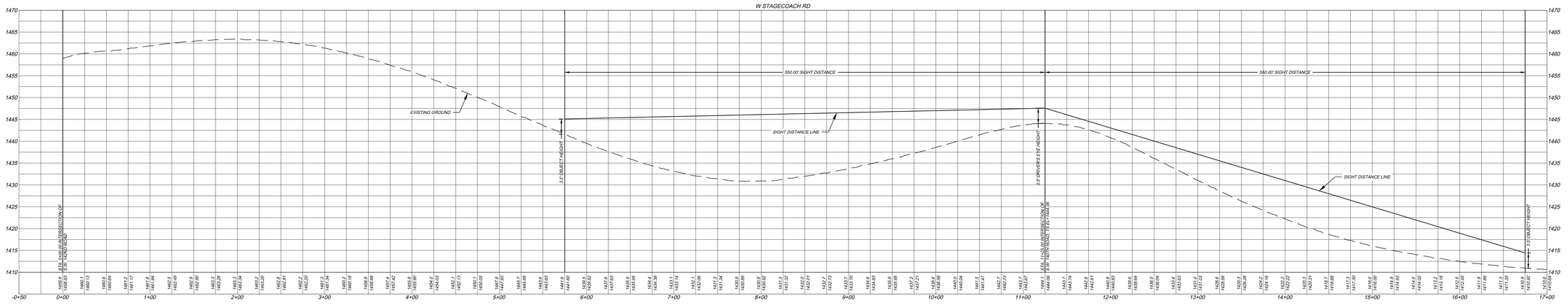
2023

drawn by: zkw
checked by: jdc
approved by: jdc
project no.: 2022-0237
drawing no.: -
date: 07/25/2023

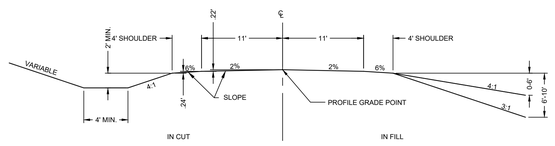
SHEET 2 OF 4



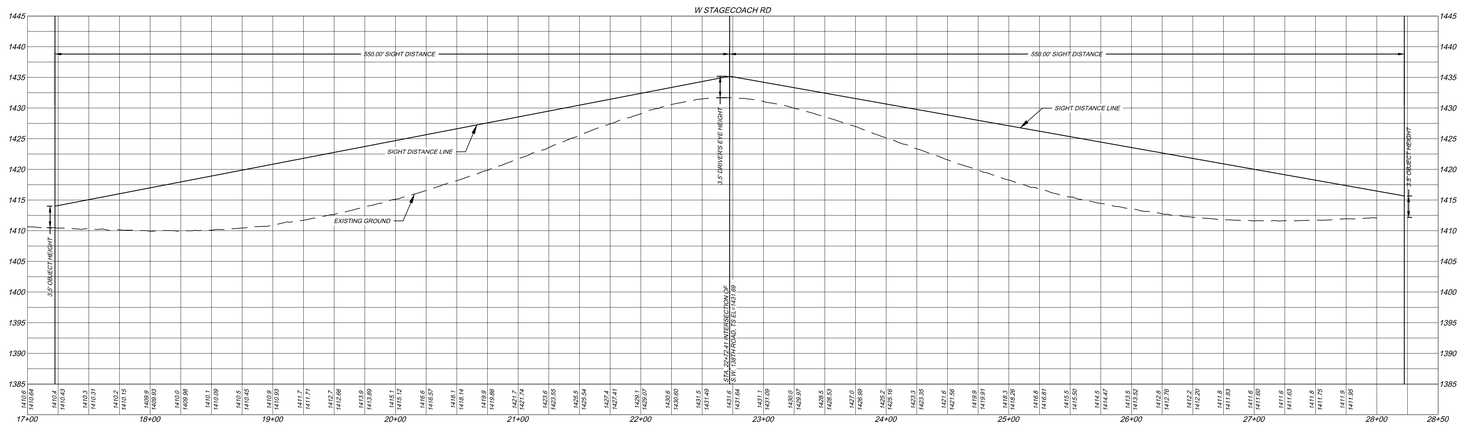
PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'



TYPICAL SECTION FOR LANCASTER COUNTY
NOT TO SCALE



PROFILE SCALES:
HORIZONTAL: 1"=50'
VERTICAL: 1"=10'

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2	##/##/####	
3	##/##/####	

SIGHT DISTANCE PROFILES

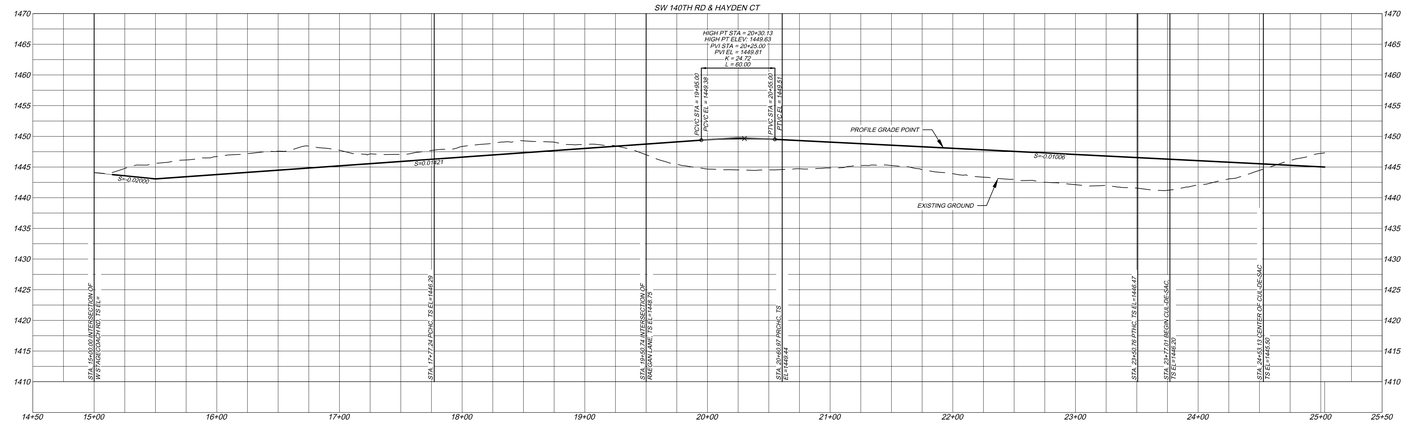
BUTTERFLY ACRES

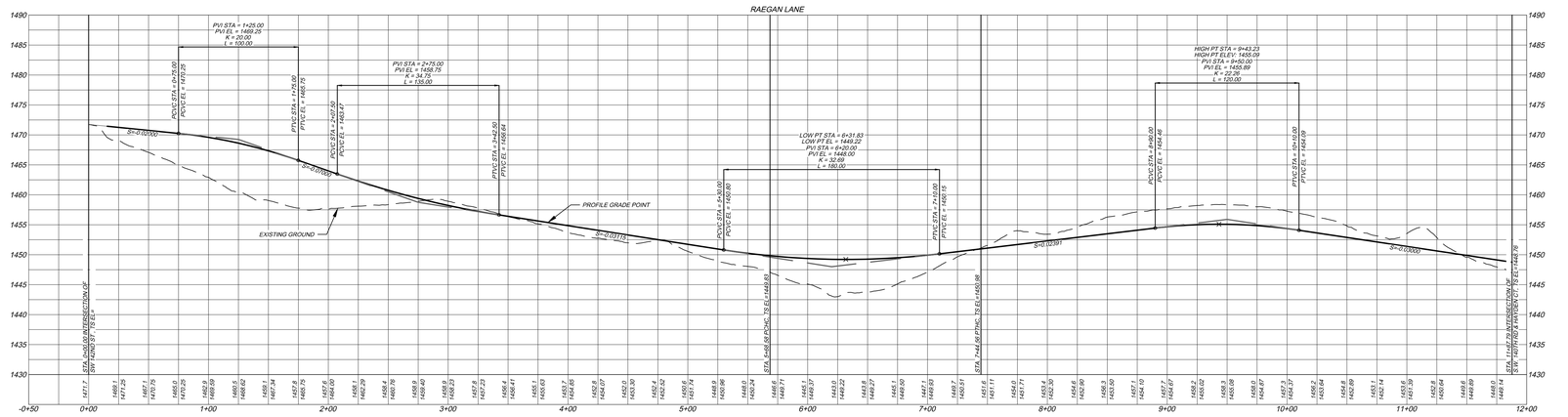
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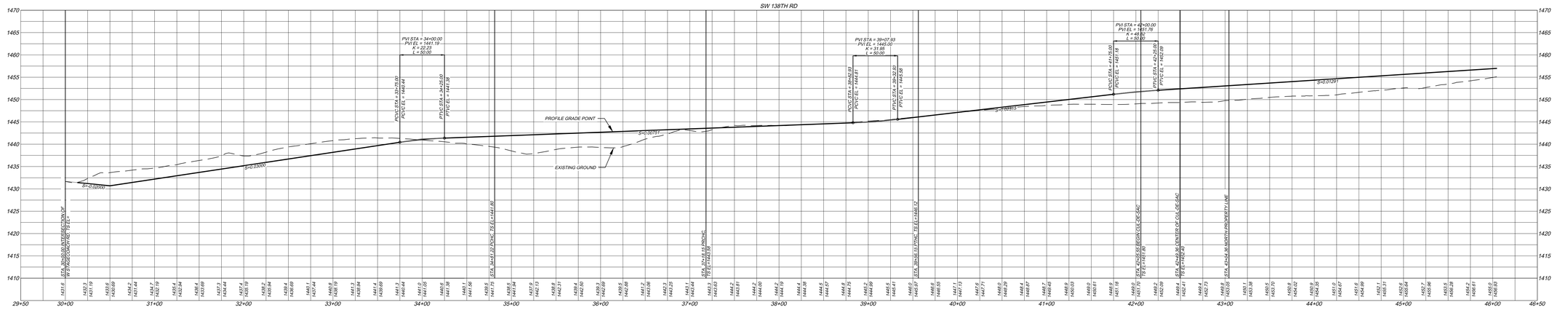
2023

drawn by:	zkw
checked by:	jdc
approved by:	jdc
project no.:	2022-0237
drawing no.:	-
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SHEET 3 OF 4







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2		
3		

PRELIMINARY PAVING PROFILES

BUTTERFLY ACRES

CRETE, NEBRASKA

2023

drawn by:	zkw
checked by:	jdc
approved by:	jdc
project no.:	2022-0237
drawing no.:	-
date:	07/25/2023

SHEET 4 OF 4

Civil Design Group, Inc.

Consulting Engineers & Land Use Planners
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July 24, 2023

Project No. 2022-0237

Mr. Tom Ourada, City Administrator
City of Crete, Nebraska
243 East 13th Street
Crete, NE 68333

Re: Butterfly Acres – Preliminary Plat
S.W. 142nd Street & W. Stagecoach Road

Dear Mr. Ourada:

On behalf of Denton Storage, LLC we submit a response the the comments from the email dated July 11, 2023 on the above mentioned project.

11-306.01 Preliminary Plat

(4)(e) Names of adjoining properties is not indicated.

The adjacent property owners have been added to the site plan.

(4)(f) It is assumed that the water will be private wells, and the sewer onsite septic systems. The drawings do not indicate the locations to assure that the minimum separation distances can be maintained from the wells to the wastewater systems.

***Note 16 has been added to the site plan. Stating "*The private water wells and sewer onsite septic systems shall meet all state, county, local codes that regulate the minimum separation distances between wells and wastewater systems."**

(4)(g) The street right-of-way should be dimensioned. By scale the street right-of-way appears to be 60 feet.

A dimension has been added to the site plan showing the 60' Right-of-Way

11-307 Streets, Alleys, Sidewalks, Driveways

(1) The roadway shown on section drawing is for a 22-foot roadway with 4 foot shoulders. Surface is to be 3" crushed rock with 1" gravel

I believe this is just a statement by the review engineer.

(8) Widths and Grades. For the cul-de-sac a minimum of 60 foot of right-of-way is required, which is met, however the minimum pavement width is 100 ft. diameter. Hayden Court only has a 42 foot diameter, and SW 138th Road has a 60 foot diameter.

The Hayden Court has been revised to 100 foot diameter for the rock surfacing. S.W. 138th Road is laid out to allow for future development to the North. A temporary turn-around has been shown to allow for a way to turn around at the end of the road. Once this road is extended to the north the temporary turn-around will be removed. This is typical for Lancaster County.

(15) City will need to waive the paved street surfacing with curb and gutter. Being proposed is 22 foot rural section with 4 foot shoulders. Surfacing is 3" crushed rock with 1" gravel.

The 22 -foot rural section with 4-foot shoulder with 3" crushed rock with 1" gravel is the typical Lancaster County requirements.

(16) Not required if waived under (15)

(19) If rural section is allowed there will be no sidewalks.

That is correct we plan no sidewalks as this is a rural subdivision.

(21) Will city require lighting?

Again, this is a rural subdivision we have no plans of street lighting.

11-308 Utility and Drainage Facilities

(2) Individual wells are probably being proposed.

Correct, we do plan for the use of individual wells that will be drilled by the lot owners.

(3) Sanitary sewer will be probably by individual disposal systems.

Correct, we do plan for the use of individual sewer systems that will be separated from adjacent wells as determined by codes.

(4) Drainage Improvements. I have brought this up in the past but it looks like it has not changed, regarding the City taking on design. Following are those areas that need to be revised.

I believe this is just a statement by the review engineer to the City of Crete.

(b) The City Engineer should not be determining and sizing the culverts. The City is now becoming the designer and accepting the liability. The developer's Engineer should be sizing the culvers and providing the data used for the City's records. The City just needs to review that the design was based on the City Standard for rainfall event, and if the City has it in their standards which I do not see, that there is no increase in the runoff that can damage downstream properties. THERE IS NO ONSITE STORMWATER DETENTION BEING PROPOSED.

I believe this is just a statement by the review engineer to the City of Crete.

(c) Again, the City is not to design through it's engineer but to review that the developer's engineer is using the correct City Standards for rainfall events, and detention cells if required to not allow an increased runoff to downstream properties caused by the development.

I believe this is just a statement by the review engineer to the City of Crete. Lancaster County does not require detention facilities on acreage projects. Our project engineer has spoken with the City of Crete Engineer about this comment, and it was stated the design for the on-site culverts are fine.

I hope that this letter assists you in reviewing this Preliminary Plat application. Please feel free to call me at (402) 434-8494 with any questions you may have.

Sincerely,

Mike Eckert, AICP

cc: Denton Storage, LLC

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June 15, 2023

Mr. Jerry Wilcox
City of Crete, Nebraska
243 E 13th Street
Crete, NE 68333

Re: Revised Defined Contribution Plan Services Agreement
City of Crete, Nebraska Pension Plan

Dear Jerry:

Please find attached a revised Defined Contribution Plan Services Agreement (the "Agreement") in connection with the services Union Bank & Trust Company ("Union Bank") provides to the above-referenced Plan.

The remainder of this letter discusses the revised Agreement and the action that must be taken.

Revised Agreement

The revised Agreement, which is effective July 1, 2023, is not intended to alter the substantive relationship with respect to Union Bank's services to the Plan. However, Union Bank wants to make you aware of the following changes made to the Agreement:

- Section 1.6 – and Exhibits D-1, D-2, and D-3. These changes reflect Union Bank's services in selecting and monitoring the mutual funds offered under the Plan.
- Section 2.2. This section addresses how operational failures will be handled under the IRS Employee Plans Compliance Resolution System.
- Section 8.3. This section addresses how litigation proceeds involving Plan assets in connection with class action settlements, if applicable, will be allocated under the Plan.
- Section 8.17. This section revises cybersecurity provisions in connection with the Plan.
- Exhibit B. The revised exhibit incorporates the Plan's current fee schedule.
- Exhibits D-1 and D-3. These exhibits, to the extent applicable, address procedures for adding a mutual fund when there has been a share class change – providing a lower expense ratio – for a fund already offered under the Plan, as well as adding target date funds when they become available.

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Action Required

You should review the revised Agreement, and take the following action:

1. Complete Exhibit C, Designation of Authorized Representatives. This designates the representatives authorized to communicate information and direction to Union Bank with respect to the Plan. **(After clicking on the link below in the yellow box, complete as necessary, then be sure to return to this document to sign the rest of the Services Agreement.)**

   CLICK HERE FIRST TO FILL OUT EXHIBIT C THEN INITIAL

2. An authorized representative should sign and date the execution page of the Agreement, and Exhibits A through D-3, as applicable.

Union Bank will counter-execute the revised Agreement and make it available on the Plan Sponsor Website.

****

Should you have any questions with respect to the revised Agreement, please do not hesitate to contact me.

Sincerely,

Josh Sovereign
Vice President
Retirement Plan Services
(402) 323-1691
josh.sovereign@ubt.com

JS\slh

Enclosure

DS

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DEFINED CONTRIBUTION PLAN SERVICES AGREEMENT

Governmental Qualified Plan

THIS AGREEMENT is made and entered into by and between Union Bank and Trust Company ("Union Bank"), and **City of Crete, Nebraska** (the "Sponsor"), the sponsor and Plan Administrator of the **City of Crete, Nebraska Pension Plan** (the "Plan").

WITNESSETH

WHEREAS, Sponsor has established the Plan or the benefit of certain eligible employees of Sponsor and, if applicable, certain eligible employees of other employers that have adopted the Plan;

WHEREAS, Sponsor is the Administrator ("Plan Administrator") of the Plan and, as Plan Administrator, Sponsor has the authority, power and duty to administer the Plan according to its terms;

WHEREAS, Union Bank provides certain services with regard to employee retirement plans;

WHEREAS, Sponsor has the authority and desires to retain Union Bank to provide certain services for the Plan; and

WHEREAS, Union Bank is willing to provide such services;

NOW, THEREFORE, in consideration of the mutual promises and duties set forth in this Agreement, the parties hereto, intending to be legally bound, do agree as follows:

This Agreement sets forth the terms and conditions for Union Bank's services with respect to the Plan. The terms and conditions of this Agreement shall be deemed incorporated into and part of the specific service agreement of each and every Exhibit without express reference therein. It is agreed that Union Bank's authority and services as an agent or fiduciary of the Plan shall extend only to the performance of the specific services and functions set forth and described in this Agreement and any Exhibit hereto. Any performance of additional services to the Plan in connection with this Agreement shall not be treated as altering the Agreement or Union Bank's duties hereunder and shall not create additional obligations of Union Bank under any circumstances. It is further agreed that the responsibility for any Plan-related services and duties not identified in this Agreement or the Exhibits hereto are retained by and remain the sole responsibility of the Sponsor and/or Plan Administrator.

The parties further agree that except as may be specifically provided in Section 1 of this Agreement, this Agreement, including any Exhibit hereto, shall not require Union Bank to: (i) act as a fiduciary to the Plan; (ii) provide investment advice for a fee; (iii) exercise any discretionary authority or control with respect to the management of the Plan or Plan Assets (as that term is defined in Section 1.4); or (iv) exercise or have any discretionary authority or responsibility in the administration of the Plan. Union Bank does not, and shall not, provide tax or legal advice and the Plan Sponsor must obtain its own legal and tax counsel for the Plan and its design, operation and administration.

1. TRUSTEE AND INVESTMENT-RELATED SERVICES

1.1 Safekeeping of Assets. Unless otherwise agreed upon by the parties, Union Bank shall safekeep all Plan Assets, execute, buy, sell and reinvestment transactions, collect and report dividend and interest payments, and act in accordance with the trust or custodial agreement maintained in connection with the Plan. The term "Trust" as used herein shall mean the funding medium established in connection with the Plan, and the term "Trust Agreement" as used herein shall mean the trust or custodial agreement maintained in connection with the Plan. To the extent this Agreement conflicts with any term of the Trust Agreement, the terms of the Trust Agreement shall control.

1.2 Reporting. Union Bank shall prepare periodic asset statements, describing all asset positions of the Trust as of the period ending date ("Reporting Period") and listing all transactions that have occurred during such Reporting Period. In the case of any Plan Asset not publicly traded, Sponsor (or other responsible fiduciary) shall provide to Union Bank the value of such Plan Asset, and Union Bank shall rely upon such value and shall have no responsibility to determine or confirm the accuracy of such value to the extent consistent with applicable law.

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1.3 Contributions Processing. Within an administratively feasible period of time after Sponsor forwards contributions to the Trust, Union Bank shall invest such contributions (and earnings thereon) in accordance with proper investment directions.

1.4 Fiduciary Status of Union Bank Acting as Trustee. To the extent Union Bank is acting as Trustee with respect to any assets held in Trust in connection with the Plan ("Plan Assets"), Union Bank shall be a fiduciary of the Plan and shall have fiduciary responsibility for the duties assigned to it as Trustee in accordance with applicable law.

1.5 Investment Authority. Unless Union Bank agrees to the contrary in a separate writing, Union Bank shall have no investment management authority with respect to any Plan Assets and shall not render investment advice to any person in connection with the selection of investment options for the Plan Assets.

1.6 Selection of Plan Investments. This Section 1.6 shall apply only if under the terms of the Plan, participants, beneficiaries, and any other persons ("Participants") are entitled to direct the investment of all or a portion of their Plan benefits (a "Participant-Directed Plan").

Check one or more of the following Sections 1.6.1, 1.6.2, or 1.6.3:

☒ 1.6.1 Sponsor Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor agrees that to the extent the Plan is a Participant-Directed Plan, then Sponsor (or other person designated in writing by Sponsor) shall be responsible for selecting and monitoring the designated investment alternatives ("DIA") made available to Participants under the portion of the Plan that is a Participant-Directed Plan. DIAs selected by the Sponsor (or other authorized person) shall be permissible investments as described in Section 1.8. Sponsor acknowledges that Union Bank may from time to time recommend that Sponsor review the appropriateness of one or more such DIAs and that upon Sponsor's request, Union Bank will provide information to Sponsor in connection with such DIAs, including performance data, benchmark information, and fee and expense information; provided, however, if Union Bank makes any such recommendations, Sponsor acknowledges that said recommendations will be based on the appropriateness of such investment options for retirement plans in general, and shall not be interpreted as being made specifically for the Plan. Changes in the Plan's DIAs shall be made in accordance with Exhibit D-1 of this Agreement or in accordance with procedures adopted by Union Bank and Sponsor. Compliance with the procedures set forth in Exhibit D-1 shall be deemed to satisfy any Plan provisions relating to Sponsor's obligation to select and monitor the DIAs available under the Plan. Notwithstanding any provision in this paragraph to the contrary, Exhibit D-1 shall not apply if Sponsor has designated a person, other than Union Bank, as being responsible for selecting and monitoring the DIAs made available to Participants under the portion of the Plan that is a Participant-Directed Plan.

☐ 1.6.2 Union Bank Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor hereby appoints Union Bank to act as investment manager for the limited purpose of selecting and monitoring the Plan's DIAs, and Union Bank hereby accepts such appointment, and acknowledges it is acting as a Plan fiduciary in connection with providing services under this Section 1.6.2. Union Bank shall be responsible for selecting and monitoring the DIAs made available to Participants under the portion of the Plan that is a Participant-Directed Plan.

The DIAs initially made available as of the effective date of this Agreement are set forth in Exhibit D-2. Union Bank shall notify Sponsor (in writing or electronic form) reasonably in advance of any changes with respect to the DIAs. When Union Bank makes a change to the Plan's DIAs, Exhibit D-2 shall be deemed to be amended to incorporate such change.

Union Bank and Sponsor shall meet at least once during each calendar year (or more or less frequently as agreed upon by Union Bank and the Sponsor) to review the actions taken by Union Bank pursuant to its duty to select and monitor the Plan's DIAs.

Union Bank shall not be responsible for selecting, monitoring, or making any recommendations to retain or remove, any employer stock funds or self-directed brokerage account investments, or any other investments under the Plan that are not DIAs

Unless contrary to applicable law, the standard of care imposed on Union Bank in performing the services pursuant to this Section 1.6.2 is to act with the care, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the

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conduct of an enterprise of like character and with like aims; provided, however, that nothing in this Agreement shall be deemed to limit any responsibility Union Bank may have in connection with providing the services hereunder to the extent such limitation would be inconsistent with applicable laws.

In assuming responsibility for selecting and monitoring the Plan's DIAs pursuant to this Section 1.6.2, Union Bank represents and agrees that is: (a) a fiduciary within the meaning of applicable law; and (b) is a bank within the meaning of the Investment Advisers Act of 1940.

☐ 1.6.3 Union Bank Provides Plan-Level Investment Advice and Sponsor Remains Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor hereby appoints Union Bank to act as investment adviser, and Union Bank hereby accepts such appointment, and acknowledges it is acting as a Plan fiduciary in connection with providing services under this Section 1.6.3. In this capacity, Union Bank shall provide investment advice (which may be in writing or electronic form) in connection with selecting and monitoring the Plan's DIAs to be made available to Participants under the portion of the Plan that is a Participant-Directed Plan. In providing investment advice under this Section 1.6.3, Union Bank shall make recommendations to Sponsor as to the DIAs to be offered under the Plan (including subsequent recommendations with respect to adding or removing DIAs); provided, however, Sponsor (or other person designated in writing by Sponsor) shall have the authority to accept or reject such recommendations, and in all events, shall retain sole responsibility for selecting and monitoring the Plan's DIAs. The DIAs initially recommended by Union Bank are set forth in Exhibit D-3. When Union Bank recommends the addition or the removal of a DIA, Exhibit D-3 shall be deemed to be amended to incorporate such addition and/or removal recommendation unless Sponsor (or other person designated in writing by Sponsor) rejects such addition and/or removal recommendation. Changes in the Plan's DIAs shall be made in accordance with Exhibit D-3 of this Agreement. Compliance with the procedures set forth in Exhibit D-3 shall be deemed to satisfy any Plan provisions relating to Sponsor's obligation to select and monitor the DIAs available under the Plan.

Union Bank and Sponsor shall meet at least once during each calendar year (or more or less frequently as agreed upon by Union Bank and the Sponsor) to review the recommendations made by Union Bank pursuant to its duties under this Section 1.6.3.

Unless contrary to applicable law, the standard of care imposed on Union Bank in performing the services under this Section 1.6.3 is to act with the care, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of like character and with like aims; provided, however, that nothing in this Agreement shall be deemed to limit any responsibility Union Bank may have in connection with providing the services under this Section 1.6.3 to the extent such limitation would be inconsistent with applicable laws.

Union Bank shall not be responsible for selecting, monitoring, or making any recommendations to retain or remove, any employer stock funds or self-directed brokerage account investments, or any other investments under the Plan that are not DIAs.

In assuming responsibility for recommending the Plan's DIAs pursuant to this Section 1.6.3, Union Bank represents and agrees that is: (a) a fiduciary within the meaning of applicable law; and (b) is a bank within the meaning of the Investment Advisers Act of 1940.

In the event Sponsor permits Participants to establish self-directed brokerage accounts ("SDBA") under the Plan, Sponsor: (a) agrees that the investments in a Participant's SDBA shall be limited to publicly-traded securities, mutual funds, money market investments, other similar publicly-traded investments that are obtainable by Union Bank and which Union Bank is capable of holding in the ordinary course of business, which trade on a recognized exchange or over-the-counter market, and have a readily ascertainable fair market value on a daily basis, or any other investment allowed by the Plan subject to Union Bank's consent; (b) directs Union Bank to prepare and execute any documents necessary or appropriate to establish an SDBA for the benefit of a Participant; and (c) and specifically holds Union Bank harmless and indemnifies Union Bank for any action taken or not taken by the Participant or his/her designee (or any service provider with whom Participant's SDBA is established) in the case that such Participant's SDBA is established with a third-party other than Union Bank.

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1.7 Investment Policy Statement. To the extent Union Bank is a discretionary trustee of the Plan (or Union Bank has agreed to act as a fiduciary under Section 1.6.2 or 1.6.3 and the Plan is a Participant-Directed Plan), Union Bank will be responsible for creating and maintaining an investment policy statement for the Plan if required by applicable law. To the extent the Plan is a Participant-Directed Plan, and Sponsor is responsible for selecting and monitoring the Plan's DIAs, Union Bank may provide a draft investment policy statement for Sponsor's review and approval; provided, however, it shall be the sole responsibility of Sponsor: (a) to determine whether to adopt such investment policy statement; and (b) if adopted, to comply with such investment policy statement.

1.8 Permitted Investments. Unless Union Bank agrees otherwise, Plan Assets in a Participant-Directed Plan shall be limited to publicly-traded securities, mutual funds, money market investments, and other similar publicly-traded investments that are traded on a recognized exchange or over-the-counter market and have a readily ascertainable fair market value on a daily basis ("Publicly-Traded Plan Assets"); provided, however, if Union Bank agrees to act as trustee or custodian of any Plan Assets that are not Publicly-Traded Plan Assets, then Sponsor (or its designee) shall be responsible, at its expense, for obtaining the fair market value of such Plan Assets and providing such valuation to Union Bank.

1.9 Prohibited Investments. Unless Union Bank agrees otherwise, the following investments will not be permitted in a Participant-Directed Plan: (a) any investment that, in Union Bank's sole discretion, would constitute or may result in a non-exempt prohibited transaction under applicable law; (b) derivatives, options, commodities, swaps, or similar investments; (c) collectibles (as defined in Internal Revenue Code (the "Code") Section 408(m)(2)); (d) non-publicly traded securities; (e) any investment prohibited by applicable law; (f) any investment that could cause the Plan or Trust to be subject to income taxes; (g) assets that are not capable of valuation; or (h) any investment prohibited under the terms of the Plan.

1.10 Investment Management or Advice Services to Plan Participants. Sponsor may make investment management and/or investment advice services available to Plan Participants in a Participant-Directed Plan. In the event such services are made available to Plan Participants, any Plan Participant who wants to receive such services shall enter into a separate agreement for the provision of such services, and that Sponsor further acknowledges it has reviewed and approved such Participant agreements.

2. OTHER SERVICES TO BE PERFORMED BY UNION BANK

2.1 Union Bank's Responsibilities. Union Bank, as directed by Sponsor, shall perform the recordkeeping, compliance, education, reporting and disclosure, and additional administrative services as set forth in Exhibit A. Exhibit A shall control and govern all recordkeeping, compliance, education, reporting and disclosure, and additional administrative services to be performed by Union Bank as an agent for the Plan Administrator. Any other services and all legal and accounting and regulatory matters for the Plan are the responsibility of Sponsor. Sponsor acknowledges that Union Bank is engaged to perform such services under this Section 2 as an independent contractor and that all such services shall be ministerial in nature and that Union Bank shall have no discretionary authority to administer or interpret the provisions of the Plan and any such service performed by Union Bank pursuant to this Section 2 shall be deemed to be made at Sponsor's direction. Union Bank shall not be deemed a fiduciary of the Plan by reason of the services it provides pursuant to this Section 2.

2.2 EPCRS. In the event of an "Operational Failure" under the Plan as defined in the IRS Employee Plans Compliance Resolution System ("EPCRS"), or any successor thereto, Union Bank shall assist Sponsor and the Plan Administrator to resolve such Operational Failure, at the Sponsor's cost and expense, under the IRS Self-Correction Program ("SCP"), as defined in EPCRS, unless Sponsor determines such Operational Failure cannot be resolved under SCP and notifies Union Bank in writing of such determination. In the event earnings need to be calculated in accordance with a corrective contribution under SCP, the Sponsor directs Union Bank to take the following action: (a) If earnings need to be calculated for a pooled account, the Sponsor directs Union Bank to use the earnings rate for the period of failure based on the investment results that would have applied had the failure not occurred; (b) If earnings need to be calculated in a Participant-Directed Plan, where the Participant has made investment elections, the Sponsor directs Union Bank to use the rate of return for the period of failure based on the Participant's actual investment elections during such period (alternatively, the Sponsor may direct Union Bank to calculate earnings based on the rate of return with the highest rate of return for the period of failure if permitted under EPCRS); (c) If earnings need to be calculated in a Participant-Directed Plan (that is not an automatic enrollment plan), where the Participant has not made any investment elections for the period of failure, the Sponsor directs Union Bank to use the Plan's weighted earnings rate for such period; (d) If earnings need to be calculated in an automatic enrollment plan, where the Participant has not made any investment elections for the period of failure, the Sponsor directs Union Bank to use the earnings rate for the applicable default investment fund for such period. Any correction made under this Section 2.2 shall be deemed to have been made at the Sponsor's direction.

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2.3 Agent of Sponsor. In performing the services set forth in this Section 2, Union Bank shall act as an agent of Sponsor. Sponsor acknowledges that Union Bank is not by reason of this Section 2, providing the services of any attorneys, actuaries, accountants, investment advisors or analysts for Sponsor or the Plan, nor does Union Bank provide legal advice or tax advice by reason of its services under this Agreement.

2.4 Additional Duties. Sponsor and Union Bank may agree from time to time in writing to additional services to be performed by Union Bank in connection with the Plan.

3. SPONSOR'S RESPONSIBILITIES

3.1 Provision of Necessary Information by Sponsor. Sponsor shall provide Union Bank with complete and accurate records of the Plan Participants as of the effective date of this Agreement and throughout the term of this Agreement that are necessary or appropriate for Union Bank to perform its services under this Agreement. Sponsor shall further provide Union Bank with records relating to any change that affects the recordkeeping and administration for the Plan. Sponsor shall provide to Union Bank all materials, documents and information, including the current documents comprising the Plan, as may be necessary or appropriate to service the Plan or to satisfy the requirements of governing law unless otherwise provided in this Agreement. All information provided to Union Bank by Sponsor or its designee shall be true and accurate, and in a usable format, and Union Bank shall be entitled to rely on the accuracy and completeness of such information and shall have no duty to verify, inquire further or investigate the accuracy of such information or any other information required by Union Bank to carry out the services provided for under this Agreement. Sponsor acknowledges that timely receipt of necessary records and information is a condition to the performance of Union Bank's duties and services under this Agreement. Union Bank shall not be liable for any delay, loss or failure in the performance of its duties resulting from any inaccurate or untimely information furnished to Union Bank by Sponsor or any other party. Sponsor, at its own expense, hereby authorizes Union Bank to take any action necessary or appropriate to correct any errors directly or indirectly resulting from Union Bank’s reliance on any inaccurate information furnished to Union Bank by Sponsor or any other party.

3.2 Ongoing Information to be Provided by Sponsor. Sponsor will provide or verify to Union Bank a listing for each plan year showing Participants and the contributions made to the Plan on behalf of each Participant for each plan year, the hire, rehire, and termination of employment dates for all of Sponsor’s employees for each plan year, the number of hours of service for all of Sponsor’s employees for each plan year and applicable eligibility computation and vesting computation periods, and any other information necessary or appropriate for Union Bank to perform its services under this Agreement. Unless applicable law provides otherwise, Sponsor is solely responsible for collecting, remitting and administering all contributions to the Plan (and loan payments, when applicable) and the timely deposit of such contributions to the Plan and Trust. The Sponsor shall comply with any Plan provision, applicable law or regulation that requires the timely remittance to the Plan's Trust of the employee contribution amounts (and loan payments) withheld from wages when segregated from the employer's general assets.

3.3 Responsibility for Plan Design, Funding and Operations. Sponsor shall have the sole responsibility for designing, funding, and operating the Plan in compliance with all applicable laws and regulations, and unless otherwise provided herein, Sponsor shall have sole responsibility for selecting service providers for the Plan and monitoring the performance of such service providers. Sponsor’s responsibilities under this Section 3.3 shall include providing to Union Bank all administrative forms or documents necessary or appropriate to administer the Plan; provided, however, to the extent Union Bank has provided any such administrative forms or documents for use by the Plan, Sponsor has had a chance to review such forms and documents, and hereby approves their use unless Sponsor has provided written notice to the contrary.

3.4 Individually-Designed Plan. If the Plan is an individually-designed plan, Sponsor shall be responsible for providing to Union Bank a Plan document, as well as all the administrative forms and documents necessary to administer the Plan (including, but not limited to, QDRO procedures and distribution-related forms). Notwithstanding anything to the contrary, Sponsor shall be responsible for ensuring the Plan document complies with the form requirements of the Code at all times, and Sponsor shall be further responsible for obtaining a determination letter for the Plan.

3.5 Reporting and Disclosure Requirements. Sponsor shall be solely responsible for communicating and disclosing to Plan Participants any and all information regarding the Plan as required under applicable law. Except as otherwise provided herein, Sponsor shall be responsible for complying with all legal requirements applicable to the Plan and shall be solely responsible for satisfying any and all other reporting, notice, disclosure, and filing requirements imposed under applicable federal or state law, and all withholding, deposit and reporting requirements of federal, state and local tax laws applicable to the payment of Plan benefits except as otherwise provided in this Agreement.

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3.6 Tax Qualification of Plan and Compliance with Laws. Sponsor shall be solely responsible for ensuring the Plan meets the requirements of Section 401(a) of the Code, and any other applicable sections of the Code. Sponsor shall be solely responsible and liable for any and all claims, taxes, and penalties resulting from the failure of Sponsor to administer the Plan in accordance with applicable laws and regulations. Sponsor agrees during and after the term of this Agreement to hold Union Bank harmless from, and indemnify Union Bank against any and all claims, losses, taxes, penalties and expenses, including attorneys' fees that may be incurred by, imposed upon or asserted against Union Bank and arising out of Sponsor's fiduciary and administrative duties with respect to the Plan except to the extent due to the grossly negligent acts or omissions of Union Bank in fulfilling its duties under this Agreement.

3.7 Delays Caused by Sponsor. Sponsor shall be responsible for any delay in the performance of services hereunder caused by the failure of Sponsor to furnish or verify any information required for the services to be performed by Union Bank.

3.8 Initial Set-Up and Transition of Services. Sponsor shall direct and ensure that the prior recordkeeper for the Plan (if the Plan is not a newly-established plan), if applicable, provides complete and accurate account, Participant, employee, and asset data to Union Bank on a timely basis.

3.9 Specific Information to be Furnished by Sponsor. In providing the information and records necessary for Union Bank's services hereunder, Sponsor shall:

- provide employer and employee contribution data in such format and data transmission mode and as frequently as may be required by Union Bank;
- provide new Participant information in a format required by Union Bank at least two weeks prior to such Participant's entry date into the Plan;
- provide updated employee data, including service records, compensation records, termination dates, birth dates, address information, and hire and rehire dates for all of Sponsor's employees, and any other information necessary or appropriate for Union Bank to provide services hereunder, in a format required by Union Bank and as frequently as may be required by Union Bank;
- provide data for the compliance testing to be performed by Union Bank in a format required by Union Bank in a timely manner as required by Union Bank; and
- answer all specific legal or tax questions concerning the Plan.

Sponsor shall promptly notify Union Bank as to an address change for any employee, Plan Participant, beneficiary, or alternate payee.

3.10 Plan Policies and Procedures. Unless otherwise provided herein, Sponsor shall be responsible for implementing all policies and procedures in connection with the Plan, including, but not limited to, qualified domestic relations order (QDRO) procedures; investment policy statement, salary reduction agreement policy, loan policy, lost participant policy, forfeiture policy, and any other policies and procedures that may be adopted under the Plan ("policies and procedures"). Union Bank may provide Sponsor with draft policies and procedures, and it shall be Sponsor's responsibility to review and approve such draft policies and procedures. If Sponsor does not notify Union Bank in writing within thirty (30) days of its objection to one or more policies and procedures, Sponsor shall be deemed to have approved and directed Union Bank to follow such policies and procedures in performing its services under this Agreement.

4. FEES

4.1 Responsibility for Fees. In consideration of the services to be provided pursuant to this Agreement, Sponsor shall pay to Union Bank the fees set forth in Exhibit B. Unless Sponsor and Union Bank agree otherwise, fees will accrue on a monthly basis, and Sponsor will be billed on a quarterly basis, and such fees shall be due and payable within thirty (30) days after the billing statement date. Sponsor shall notify Union Bank whether Sponsor will pay such fees and expenses, or whether such fees and expenses will be billed to the Plan. Notwithstanding the foregoing, Union Bank's fees may be paid out of the assets of the Trust to the extent allowed by the Plan and applicable law if: (a) Sponsor directs that such fees be paid out of the assets of the Trust; or (b) Sponsor does not timely pay such fees. Sponsor, and not Union Bank, will be solely responsible for determining whether any expense (and the amount of such expense) is properly payable by the Plan under applicable law.

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4.2 Future Adjustments. Union Bank shall have the right to adjust its fees upon providing written notice at least thirty (30) days prior to the effective date of such adjustment, or at any other time if changes are made to this Agreement or any amendments made to the Plan, or any changes made to applicable law, which affect Union Bank's costs of services under this Agreement as determined solely at Union Bank's discretion. In the event of a fee adjustment made pursuant to this Section 4.2, Exhibit B shall be deemed to have been amended to incorporate such fee adjustment.

4.3 Third Party Expenses. Union Bank may charge Sponsor reasonable fees for the reproduction or return of Plan records requested by Sponsor or government agencies. Sponsor shall reimburse Union Bank for reasonable fees charged by others for information reasonably requested by Union Bank to perform its duties under this Agreement.

4.4 Taxes and Assessments. If, during the term of this Agreement, any tax (other than local, state or federal income taxes) or any other assessment, shall be imposed against Union Bank as a result of Union Bank performing its duties under this Agreement, Union Bank shall report the payment of such tax or assessment to Sponsor and Sponsor shall reimburse Union Bank for the same.

4.5 Fees for Additional Services and Reimbursement of Expenses. Nothing in this Section 4 shall prohibit Union Bank from performing any service not set forth in this Agreement for a reasonable fee; provided, however, any such service may be provided, and any such corresponding fee may be paid, only if agreed to by the parties in advance of performing such service; provided, further, Union Bank reserves the right to be reimbursed by Sponsor for out-of-pocket expenses incurred by Union Bank in connection with providing shareholder communications and proxy materials services.

4.6 Right of Union Bank to Suspend Performance. If Sponsor, for any reason whatsoever, fails to make a required payment of fees on a timely basis, Union Bank may deduct such fees from the Trust, if permitted under the Plan and applicable law, or suspend the performance of its services under the Agreement until such time as Sponsor makes the proper remittance; provided, however, if Union Bank decides to suspend the performance of such services, Union Bank shall provide Sponsor with timely written notice of Union Bank's intent to suspend the performance of such services.

4.7 Fees Received by Third Parties. Unless prohibited under the Plan or applicable law, nothing in this Agreement shall prohibit Union Bank from receiving reasonable fees or compensation from any person directly or indirectly in connection with the services provided to the Plan, Participants, or Sponsor in connection with the Plan. The Sponsor acknowledges and agrees that the fees or compensation that Union Bank may receive from certain mutual funds that are selected as DIAs shall be considered compensation to Union Bank for its services that is in addition to the fees charged directly by Union Bank for its services.

5. TERM AND TERMINATION

5.1 Initial Term and Renewal. This Agreement shall have an initial term of one (1) year and shall continue thereafter until terminated pursuant to Sections 5.2 and 5.3 of this Agreement.

5.2 Early Termination Upon Notice by Either Party. This Agreement may be terminated by either party for any reason upon sixty (60) days prior written notice to the other party.

5.3 Early Termination by Union Bank. This Agreement shall at the option of Union Bank terminate, or otherwise be suspended, effective immediately upon written notice to Sponsor, if:

A. Sponsor fails to pay fees within thirty (30) days of their due date;

B. Sponsor becomes insolvent or files for bankruptcy protection;

C. Sponsor fails to promptly deliver any required forms or information needed for Union Bank to properly perform its duties under this Agreement;

D. there is a merger, sale, acquisition, or consolidation involving Sponsor or the Plan, unless Union Bank consents to continue services under this Agreement with the successor Sponsor in advance of such event;

E. Sponsor or other Plan fiduciaries takes any action deemed by Union Bank to violate applicable federal or state law; or

F. any law or regulation is enacted that makes this Agreement illegal or impossible to perform.

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5.4 Duties after Termination. Upon termination of this Agreement, Union Bank shall perform services hereunder through the termination date. Union Bank shall deliver, within sixty (60) days of the last service required under the Agreement, to Sponsor a complete and final accounting and report of its recordkeeping for the Plan, together with all books and records in its possession with respect to the Plan, all accounts, and all reports and other papers pertaining to the Plan. Union Bank retains the right to keep copies of all documents as may be required for audit purposes or as required by the Federal Deposit Insurance Corporation, state banking authorities, the IRS, or any other applicable regulatory authority.

5.5 Transition Services. Upon termination of this Agreement, Union Bank shall provide reasonable assistance in transferring Plan records and related information to any successor administrator, fiduciary, or other person designated by Sponsor. Sponsor shall be responsible for reimbursing Union Bank for any direct costs that are incurred in transferring Plan records and related information to the successor administrator, fiduciary, or other person designated by the Sponsor.

5.6 Survival of Obligations. Union Bank's and Sponsor's respective obligations under the Agreement which may, by their nature, continue beyond the termination of this Agreement (including the indemnifications and limitations of liability under Section 6) shall survive any termination of this Agreement.

6. INDEMNIFICATION AND LIABILITY LIMITATIONS

6.1 Limitation of Liability. Except as specifically provided in this Agreement, Union Bank shall not be liable to Sponsor, its agents, Plan Participants, or any other person whatsoever for any acts or omissions, with the exception of its gross negligence or willful misconduct relating to the services provided by Union Bank pursuant to this Agreement. Unless otherwise provided under applicable law, Union Bank shall not be responsible or liable for any acts or omissions made pursuant to any Plan Participant's use, or any other person's use, of the internet, other electronic system, or telephonic voice response system, made available by Union Bank under this Agreement except for its grossly negligent or willful acts or omissions. Union Bank shall not be liable for damages resulting from an interruption of any service or delayed or defective performance of services arising from war, natural disasters, acts of terrorism, loss of utilities, government restrictions, trading halts or trading exchange conditions, or any other cause beyond Union Bank's reasonable control.

6.2 No Liability for Following Sponsor's or Participant's Directions. Union Bank shall not be responsible or liable for any acts or omissions made pursuant to any direction, consent, or other request reasonably believed by Union Bank to be: (a) genuine; and (b) from an authorized representative of Sponsor or, with respect to Participant investment directions, the Participant (or an authorized representative of the Participant). Union Bank shall not be responsible or liable for any acts or omissions made in reliance on erroneous data provided by Sponsor or any other person or the failure of Sponsor to perform its obligations under this Agreement. Union Bank shall not be responsible or liable for any acts or omissions made by any person, selected by Sponsor or any Participant, providing services to the Plan or Participant, or for following the investment directions provided by a Participant (or the Participant’s agent or designee) in a Participant-Directed Plan.

6.3 No Liability for Acts of Prior Administrator. Union Bank shall not be responsible or have any liability for any acts or omissions of any previous recordkeeper, third party administrator, fiduciary, or any other service provider for the Plan, or for any acts taken by Union Bank in reliance upon or on the basis of any records or information prepared by a previous recordkeeper, third party administrator, fiduciary, or any other such service provider.

6.4 Indemnification of Union Bank by Sponsor. In addition to and not in limitation of the specific indemnification obligations of Sponsor provided elsewhere in this Agreement, Sponsor agrees to indemnify and hold harmless Union Bank, its officers, directors, agents and employees, from and against any and all claims, damages, losses, liabilities, taxes, penalties, fines and expenses, including court costs and reasonable attorneys' fees, arising out of or in any way connected to any act done or omitted to be done by Union Bank with respect to carrying out its responsibilities under this Agreement, except as to those matters as to which Union Bank is finally adjudged to be guilty of gross negligence or willful misconduct. Such indemnification by Sponsor shall include, but shall not be limited to, any and all actual or threatened claims, suits, proceedings, or causes of action against Union Bank by any Plan Participant or beneficiary, or any other person.

6.5 Indemnification of Sponsor by Union Bank. Union Bank shall indemnify and hold harmless Sponsor, its agents and employees from and against any and all claims, damages, losses, liabilities, penalties, fines and expenses, including court costs and reasonable attorneys' fees, arising out of or in any way connected with the grossly negligent or willful acts that occur in Union Bank's performance of its services under this Agreement. Under no circumstances will either party to this Agreement have any obligation to indemnify the other party for any special, consequential, punitive or indirect damages or losses.

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6.6 Survival of Indemnification Provisions. Each party's obligation under this Agreement to indemnify and hold harmless the other party from certain claims, damages, losses, liabilities, penalties, taxes, fines and expenses shall survive the termination of this Agreement.

6.7 No Special Damages. TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL UNION BANK OR ANY OF ITS OFFICERS, DIRECTORS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES OR LOSSES ARISING FROM THIS AGREEMENT, OR THE PERFORMANCE OR NONPERFORMANCE OF SERVICES UNDER THIS AGREEMENT.

7. DESIGNATION OF REPRESENTATIVES

7.1 Authorized Representatives. Sponsor shall designate in Exhibit C the initial authorized representative(s) to sign documents, communicate information and provide instructions and directions concerning the Plan to Union Bank, and shall update, as needed, such designation as set forth in Exhibit C. Such authorization shall remain in effect until Union Bank has received written notification to the contrary. Union Bank shall be entitled to rely and act upon any instructions received from such authorized persons that Union Bank reasonably believes to be so authorized to provide such instructions and shall have no duty to inquire or question the accuracy or completeness of any data or instructions provided to it.

8. MISCELLANEOUS

8.1 Amendment. Except as otherwise provided herein, this Agreement may be amended by Sponsor and Union Bank at any time by written agreement by both parties.

8.2 Lost Participants and Participant Addresses. Sponsor acknowledges it is solely responsible for: (a) locating missing or lost Participants in accordance with the Plan, any policy adopted thereunder, and applicable law; and (b) maintaining current Participant contact information (e.g., address, phone number, and email address).

8.3 Litigation Proceeds. The parties understand that from time to time the Plan may receive a settlement amount as a result of class action litigation involving one or more investments held by the Plan. In the event that Union Bank receives a settlement amount, unless Sponsor provides written direction to Union Bank to the contrary, Sponsor hereby directs Union Bank to allocate the settlement amount as follows: (a) If the Plan is a defined benefit plan, and Union Bank is not a discretionary Trustee or discretionary investment manager with respect to the assets in the defined benefit plan, Union Bank is directed to allocate the settlement amount as earnings, or as directed by the responsible fiduciary; (b) If the Plan is a defined contribution plan, the settlement amount relates to investments held in a pooled account under the Plan, Union Bank is directed to allocate the settlement amount as earnings; and (c) if the Plan is a defined contribution plan, and the settlement amount relates to investments held within a Participant's brokerage, or similar, account under the Plan, in the event Union Bank is not a discretionary Trustee or discretionary investment manager with respect to the brokerage (or similar) account, Union Bank is directed to allocate the settlement amount as earnings and purchase money market shares (or shares in a similar fund designed preserve capital) within the Participant's account.

8.4 Union Bank not a Plan Administrator. In no event shall Union Bank or its agents or employees be deemed the Administrator of the Plan for purposes of any applicable law affecting or regulating the Plan.

8.5 No Legal or Tax Services. In executing this Agreement, Sponsor acknowledges that Union Bank does not provide, and is not providing, the services of any attorneys, actuaries, accountants, or analysts for Sponsor or the Plan, nor does Union Bank provide legal advice or tax advice to Sponsor, Plan, any Plan Participant or beneficiary by reason of its services under this Agreement. Sponsor agrees to seek the advice of its own legal and/or tax adviser as to all matters that might arise relating to the Plan, including, without limitation, the operations and administration of the Plan and the compliance of the Plan with applicable law, including the Code.

8.6 Capturing Rollovers. Sponsor hereby grants permission to Union Bank (or any affiliate of Union Bank) to contact Plan Participants and to educate them (and not to provide advice) about their distribution options under the Plan, including the option of rolling over a distribution to an Individual Retirement Account ("IRA") or a Roth IRA established at Union Bank (or at an affiliate of Union Bank), and making them aware of other Union Bank services.

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8.7 Union Bank not a Plan Fiduciary. Except as otherwise provided in Section 1, or in a separate writing, Union Bank or its agents or employees shall not by reason of this Agreement or the services provided hereunder be deemed a fiduciary of the Plan under applicable law, or be classified as a fiduciary for the purposes of any applicable law affecting or regulating the Plan; provided, however, should a court, or other adjudicating authority, determine that Union Bank is liable in any respect to the Plan or any person as a fiduciary, Sponsor, through the use of its assets and not Plan Assets, shall indemnify and hold harmless Union Bank and its agents and employees from and against all legal responsibilities and liability as a fiduciary of the Plan except to the extent that such liability may be due to Union Bank's willful breach of fiduciary duty.

8.8 No Authority to Control, Manage or Dispose of Plan Assets. Except as otherwise provided in writing to the contrary, Sponsor and/or Trustee shall have absolute authority with respect to the control, management, disposition and utilization of Plan Assets, and Union Bank shall not have, nor be deemed to exercise, any discretion, control, or authority with respect to the control, management, disposition, or utilization of Plan Assets; provided, however, should a court, or other adjudicating authority, determine that Union Bank is liable in any respect to the Plan or any person because of any control or authority with respect to Plan Assets, Sponsor, through the use of its assets and not Plan Assets, shall indemnify and hold harmless Union Bank and its agents and employees from and against liability connected with or predicated on such control or authority of the Plan Assets.

8.9 Responsibility for Other Expenses. Sponsor shall be responsible for all expenses incident to the operation of the Plan unless such expenses are the responsibility of Union Bank in performing the services provided under this Agreement.

8.10 Subpoenas and Court Orders. Union Bank will comply with all subpoenas or court orders properly served upon it which have not been quashed, dismissed, rescinded, withdrawn or stayed; provided, however, Union Bank shall immediately notify Sponsor of the service of any such subpoena or order and give Sponsor the opportunity to contest or resist the subpoena or order. Sponsor shall reimburse Union Bank for all costs and expenses incurred with respect to complying with such subpoenas and court orders. Sponsor shall bear all responsibility for resisting or contesting any court or governmental agency order concerning Plan records in the possession of Union Bank.

8.11 Instructions to Union Bank. Sponsor hereby authorizes Union Bank to act on the written instructions of Sponsor (or its designee), or on instructions provided by Sponsor in the form of facsimile transmission, by e-mail, by telephone, or any other method, electronic or otherwise, acceptable to Union Bank. To the extent such instructions are submitted to Union Bank in the form of facsimile or e-mail or telephone, Sponsor hereby directs Union Bank to act on such instructions notwithstanding the fact that such instructions do not bear an original authorized signature, provided the instructions acted upon: (a) appear to be given by a person authorized to give binding instructions to Union Bank in the case of instructions provided by facsimile or telephone; (b) appear to have been sent from the computer of a person authorized to give binding instructions to Union Bank in the case of instructions provided by e-mail; and are consistent with the established authority of such person. Sponsor acknowledges that information sent via e-mail may be less confidential than information sent by other methods. Union Bank shall not be liable for any loss of the confidentiality of information sent by e-mail prior to its reception. Sponsor acknowledges that there are encryption methods available for the confidential transmission of data by e-mail, and its failure to encrypt such e-mail transmissions evidences Sponsor’s acceptance of the potential loss of confidentiality of such e-mail transmitted data.

The authorization provided in this Section 8.11 shall continue in effect until revoked or amended in writing (or via facsimile or e-mail). To the extent Union Bank acts within the scope of this authorization, Sponsor expressly releases Union Bank from and indemnifies Union Bank against any liability that may directly or indirectly arise as a result of Union Bank’s action or inaction based on the facsimile, email, telephonic, or electronic instruction.

8.12 Online Administration/Telephone and Electronic Directions by Participants. To the extent permitted under applicable law, the Plan, and in accordance with Union Bank’s practices, unless Union Bank agrees otherwise, Sponsor hereby authorizes and directs Union Bank to process elections submitted by Plan Participants to Union Bank via Union Bank’s website, voice response unit, or by live telephone call with a Union Bank representative with respect to: (a) enrolling in the Plan; (b) submitting deferral elections and after-tax employee contributions (and modifications thereto); (c) making beneficiary designations; (d) making investment elections or investment transfers with respect to their Plan accounts; (e) requesting and initiating a loan; (f) requesting distributions including hardship and in-service distributions; and (g) any other elections permitted under the Plan and applicable law (collectively referred to as “Electronic Elections”). All such Electronic Elections shall be made in accordance with applicable law, the provisions of the Plan, and any policies adopted by Sponsor and Union Bank. Sponsor directs Union Bank to process such Electronic Elections pursuant to this Section 8.12 without further approval from Sponsor.

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Sponsor hereby further directs Union Bank to act upon such telephone or electronic instructions without questioning the authenticity of such direction other than as provided herein. A Participant may be required to provide Union Bank with his/her name, Plan name, Social Security Number, personal identification number, and any other information Union Bank deems necessary or appropriate. For security purposes, Union Bank shall have the right to require a Participant to respond to additional questions (e.g., date of birth, date of hire, or other "challenge" questions) before being able to access his/her account. Only authorized representatives of Sponsor and the Participant shall have access to such Participant's account.

Some services provided by Union Bank may require oral, telephone, electronic or written instructions or information provided by the Participant and/or the Participant's spouse. Instructions or other information provided to Union Bank under a signature which purports to be that of the Participant or provided with a personal identification number or other identifying information used to verify that the transmission originated from the Participant shall be deemed to be complete, accurate, authentic and timely. Union Bank shall act in accordance with such instructions or information and shall have no duty to inquire into their completeness, accuracy, authenticity or timeliness.

Union Bank shall not be responsible for, and makes no warranties regarding access, speed or availability of Electronic Elections, or any other service required for electronic communication, nor does Union Bank make any warranties, express or implied, and disclaims all warranties of merchantability, fitness for a particular purpose and non-infringement. Sponsor shall indemnify, and hold harmless Union Bank (including its employees, representatives and agents) from and against any liability, loss or expenses (including reasonable attorneys' fees and court costs) incurred by Union Bank in connection with providing information or processing transactions in accordance with the directions of a Participant (or designee) via written, telephone, internet or other means approved by Sponsor for use with the Plan.

8.13 Subcontractors of Union Bank. Union Bank may contract with other subcontractors to perform services under this Agreement. However, Union Bank will be responsible for those services to the same extent that it would have been responsible had Union Bank performed those services directly hereunder.

8.14 Force Majeure. Neither Union Bank nor Sponsor shall be liable for any loss or expense resulting from a failure to fulfill or for delay in fulfilling its responsibilities under this Agreement where such failure or delay arises from any occurrence commonly known as force majeure, including, but not limited to, fire, flood, acts of God, war, riot, failures of any telephone or wireless network, strikes or other acts of workmen, accidents, acts of terrorism, revolution or any other events or circumstances beyond the reasonable control of the party affected by the occurrence.

8.15 Records are Property of Sponsor. All records sent to Union Bank by Sponsor (or its agents) will remain the property of Sponsor. Plan records in Union Bank's possession will be returned by Union Bank to Sponsor or its designee in the event of termination of this Agreement or otherwise upon the written instructions of Sponsor. This provision shall not preclude Union Bank from retaining copies of Plan records that it may reasonably need or that it may be required by law to retain or from destroying records that it has held for more than seven years (or longer or shorter depending on applicable law) following such termination of this Agreement.

8.16 Inspection of Plan Records by Sponsor. Union Bank agrees that, upon reasonable notice, it shall provide Sponsor the information and records that Sponsor may reasonably require that are maintained by Union Bank in order for Sponsor or its designee to perform audits of such records, to process any Participant claim or to perform any other function necessary for the operation of the Plan.

8.17 Confidentiality/Security. Union Bank and Sponsor agree to treat as confidential and use only in connection with this Agreement all Plan data, records and information ("confidential information") regarding the recordkeeping and trust systems, including computer programs and software, reports and other documents, which are furnished to the other under this Agreement, and the parties agree to comply with applicable law in connection with the use of such confidential information. Union Bank and Sponsor shall protect the security of such confidential information and shall not disclose such confidential information to third parties except as required by law or when requested to do so by the other; provided, however, that Union Bank may disclose such confidential information to its agents in the course of performing its duties under this Agreement. Sponsor furthermore agrees to comply with any confidentiality or security requirements as may be established from time to time by Union Bank. Union Bank is entitled to presume that, unless notified to the contrary by the Sponsor, all actions necessary to ensure compliance with applicable data protection laws have been satisfied with respect to the information and data furnished to Union Bank.

Union Bank agrees that all Plan information and data, including instructions from Sponsor, provided to Union Bank by Sponsor (or its agent) are the confidential information of Sponsor or the Plan. Union Bank agrees not to disclose such confidential information to third parties except: (a) to its affiliates or agents for the purpose of providing services to the Plan;

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(b) in any administrative or judicial forum involving a dispute under this Agreement; (c) as may be required by law or by order of any government agency, regulatory body or court of competent jurisdiction for purposes other than those specified in the Agreement without the prior consent of Sponsor; (d) that non-participant specific information may be provided to support industry surveys; or (e) for the limited purpose of collecting satisfaction surveys from Sponsor and/or Plan Participants from time to time.

In the event either party discovers any unauthorized acquisition, access, use or disclosure (collectively, a "Security Breach") of Confidential Information, the party suffering such Security Breach shall notify the other party of such Security Breach in writing or email promptly, but in no event more than two business days after the discovery of such Security Breach. Such notification shall identify: (a) the nature of the Security Breach; (b) the Confidential Information subject to the Security Breach; (c) what action has been taken or will be taken to mitigate the impact of the Security Breach; (d) what action has been taken or will be taken to prevent a future similar Security Breach; and (e) any other information as reasonably requested by the other party.

Union Bank agrees to maintain the following cyber liability insurance coverage so long as it has access to Confidential Information: Cyber liability insurance providing coverage that may include cyber incident response costs (legal & regulatory, IT security forensic, crisis communication, privacy breach management); rectification costs; system business interruption, network security and privacy liability, regulatory proceedings, and media liability with a minimum aggregate limit of liability of $5,000,000 (or lower amount as mutually agreed upon by the parties) with lower sub-limits of liability depending on the nature of the claim as mutually agreed upon by the parties.

Each year upon the request of the Sponsor, Union Bank shall provide Sponsor with a copy of the review performed by Union Bank's external auditors under the "Statement of Standards for Attestation Engagements Number 18, Attestation Standards: Clarification and Recodification" of the American Institute of Certified Public Accountants (SSAE18), including any System and Organization Controls reports (SOC 1, SOC 2, or SOC 3 Reports), or any new or replacement standard or protocol established by the American Institute of Certified Public Accountants. The parties agree that such reviews and reports shall be treated as Confidential Information hereunder.

8.18 Recording of Telephone Conversations. Sponsor authorizes Union Bank to monitor and/or record telephone conversations between Union Bank's representatives and Plan participants for training, quality assurance, documentation, and other purposes in connection with providing services to the Plan. Union Bank shall inform a Plan Participant in the event that a telephone conversation is being monitored or recorded, and Union Bank shall comply with all applicable laws in connection with such monitoring and recording.

8.19 Customer Identification Program – Important Information About Procedures for Opening New Account – Non-ERISA Accounts Only. Applicable to non-ERISA accounts only, to help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify, and record information that identifies each person who opens an account. What this means for you: When you open an account, we will ask for your name, address, date of birth, and other information that will allow us to identify you; we may also ask to see your driver's license or other identifying documents.

8.20 Financial Privacy Notice. The parties acknowledge that Union Bank has provided to Sponsor the Financial Privacy Notice (which is attached hereto as Exhibit E and by this reference incorporated herein) required by Federal law.

8.21 Governing Law. This Agreement shall be construed and enforced according to the laws of the State of Nebraska except to the limited extent that the Agreement may be preempted by applicable law.

8.22 Notices. All notices under this Agreement shall be in writing (or any electronic media to the extent permitted under applicable law and acceptable to Union Bank) and shall be given to the party entitled thereto by personal service, or by United States mail, to the last known address of said party. Notices to Union Bank shall be sufficient if sent to:

Union Bank & Trust Company
Attn: Retirement Plan Services
6811 S. 27th Street
P.O. Box 82535
Lincoln, NE 68501-2535

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8.23 Entire Agreement and Severability. Except as otherwise provided in the Plan's Trust Agreement, Sponsor acknowledges that there are no agreements or understandings, written or oral, between itself and Union Bank with respect to services which are to be rendered by Union Bank, other than as set forth herein or in such additional written agreements authorized hereunder. In any case where any one or more of the provisions of this Agreement shall, for any reason, be held to be illegal or invalid, such illegality or invalidity shall not affect any other provisions of this Agreement.

8.24 No Third-Party Beneficiaries. Nothing in this Agreement is intended or shall be construed to confer upon any person (other than the Sponsor, Plan Administrator and Union Bank) any rights, benefits or remedies of any kind or character whatsoever, and no person will be deemed a third-party beneficiary of or under this Agreement.

8.25 Binding Effect. This Agreement shall be binding upon all the parties hereto, their heirs, successors, assigns, and legal representatives forever.

8.26 Counterparts. This Agreement may be executed in any number of counterparts with the same effect as if all of the Parties had signed the same document. All counterparts shall be construed together and shall constitute one agreement.

IN WITNESS WHEREOF, Sponsor and Union Bank have caused this Agreement to be executed this _____ day of _____, 20____, to be effective **July 1, 2023**.

City of Crete, Nebraska	Union Bank & Trust Company
Sponsor	
By: _____	By: _____
Its: Clerk-Treasurer	Its: _____

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EXHIBIT A

A. Ministerial Recordkeeping Services

To the extent applicable in connection with the Plan, Sponsor hereby directs Union Bank to:

- maintain individual Participant account information that may be provided from time to time by Sponsor. To the extent applicable, such information shall include, but will not be limited to, each Participant's name, Social Security Number or taxpayer identification number, date of hire and rehire, number of hours worked in the plan year (or other computation period), date of birth and date of Plan participation, and date of termination of employment and address information.

- maintain records to determine an employee's eligibility to participate in the Plan in accordance with the Plan's provisions and based on employee data provided to Union Bank by Sponsor; provide to Sponsor, in electronic form or otherwise, services and materials to facilitate employee enrollment, contribution elections and investment directions.

- maintain records to determine an employee's vesting service under the Plan in accordance with the Plan's provisions and based on employee data provided to Union Bank by Sponsor.

- record relevant employee data including compensation (as defined by the Plan) as reported to Union Bank by Sponsor, contributions, rollovers and transfers, distributions, payroll information and investment transactions.

- allocate Plan investment gains or losses and forfeitures in accordance with Plan provisions.

- allocate Employer contributions in accordance with Plan provisions.

- allocate Participant contributions, including to the extent applicable, pre-tax elective deferrals, Roth deferrals, after-tax employee contributions, and rollover contributions, in accordance with the Plan provisions.

- prepare a summary allocation report annually for all Plan Participant accounts. Such report will include each Participant's total account balance; the vested amount of each such total account balance; the vested percentage of each total account balance; the allocation of contributions and forfeitures and Plan gain or loss; fund transfers and any distributions made to or on behalf of each such Plan Participant.

- process changes to investment allocations (in a Participant-Directed Plan) as directed by Participants.

- prepare, on behalf of the Plan Administrator, for each Participant in the Plan, a Participant benefit statement as frequently as required under applicable law.

- make distributions (including in service distributions, hardship distributions, and required minimum distributions to the extent applicable under the Plan) and disbursements (including disbursement of loan proceeds), pursuant to the terms of the Plan document, to any Participant who is entitled to such distribution or disbursement. Sponsor agrees that all distributions and disbursements made from the Plan shall be deemed to be made at the direction of Sponsor and Plan Administrator (as defined in the Plan). Distributions and disbursements will be made within an administratively practicable period of time following the date Union Bank receives executed distribution or disbursement forms (including completion of online or other electronic elections). Union Bank will withhold applicable federal and Nebraska and Kansas state income tax withholding and remit such withholding on behalf of the Plan and Plan Administrator to the appropriate governmental entities. Union Bank will prepare and file an IRS Form 1099-R with respect to such distributions and disbursements to the extent required by law.

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B. Additional Administrative Services

To the extent applicable in connection with the Plan, Sponsor hereby directs Union Bank to:

- provide Participants access to an interactive voice response system and the internet for investment transfers, account balance realignments, investment elections and changes thereto, and deferral elections and changes thereto, and any other Participant elections agreed upon by Union Bank.

- provide Participants access to their Plan accounts via the world wide web and any other technology as such technology becomes available, and as allowed by law, regulation and Union Bank's policies and procedures.

- provide Participants access to a Union Bank representative via telephone for inquiries regarding their individual Plan accounts.

- Provide Sponsor access to individual Participant accounts (and provide Participants with the ability to perform certain Plan transactions) via the world wide web and any other technology as such technology becomes available, and as allowed by law, regulation and Union Bank's policies and procedures; provided, however, Sponsor agrees and acknowledges that Union Bank shall not be liable for any action taken by Sponsor, or its employees or agents, in connection with making changes to a Participant's account through electronic or other means.

- provide to Sponsor, and to make available to Participants, in electronic form or otherwise, enrollment, distribution, loan-related, termination of employment forms, and any other forms necessary or appropriate to administer the Plan except to the extent Sponsor provides such forms. Sponsor acknowledges that it has had the opportunity to review such forms and documents, and unless Sponsor notifies Union Bank in writing to the contrary, Sponsor hereby directs Union Bank to use such forms in performing its services under this Agreement.

- to the extent applicable under the Plan, process loans with respect to amounts borrowed from a Participant's individual Plan account in accordance with the Plan document, and the Plan's loan policy. Union Bank will prepare and file IRS Form 1099-R or such other forms as may be required under applicable law for the reporting of distributions that Sponsor directs Union Bank to make in connection with the failure of a Participant to repay a loan as required, provided that Sponsor provides Union Bank with all information Union Bank may need to prepare the reports of distributions.

- review any domestic relations order received by the Plan and notify the Plan Administrator of the results of such review; provided, however, Sponsor acknowledges that the Plan Administrator is solely responsible for determining whether a domestic relations order constitutes a qualified domestic relations order ("QDRO") within the meaning of the Code and for otherwise complying with the QDRO requirements set forth in the Code.

C. Education Services

Sponsor hereby directs Union Bank to (select as appropriate):

☒ deliver to Sponsor Plan enrollment materials, and information regarding the investments available under the Plan; provided, however, after approving such information, Sponsor will be responsible for providing such information to Participants.

☒ conduct employee education meetings as mutually agreeable to Sponsor and Union Bank.

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D. Compliance Services

Unless Sponsor has notified Union Bank to the contrary, Sponsor hereby directs Union Bank to perform the following compliance services to the extent applicable to the Plan:

- conduct, on an annual basis, coverage testing under Code Section 410(b)(1) based on information provided by Sponsor, and to report to Sponsor the results of such testing.
- conduct, on an annual basis, nondiscrimination testing under Code Section 401(a)(4) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the "annual additions test" set forth in Code Section 415(c) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the actual deferral percentage test set forth in Code Section 401(k) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the actual contribution percentage test set forth in Code Section 401(m) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the deferral limitations test set forth in Code Section 401(a)(30) and catch-up amounts under Code Section 414(v) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, top heavy testing set forth in Code Section 416 and to report to Sponsor the results of such testing.
- monitor, on an annual basis, required distributions as required by Code Section 401(a)(9).

E. Reporting, Disclosure, and Miscellaneous Services

Sponsor directs Union Bank to (select as appropriate):

☐ prepare, on an annual basis, IRS Form 5500, and timely deliver the same to Sponsor for signature and filing. Sponsor will be responsible for determining whether the Plan is responsible for filing IRS Form 5500, and whether an audit is required. Union Bank is authorized to file Form 5558 (Application for Extension of Time to File Certain Employee Plan Returns) on behalf of Plan unless directed by Sponsor/Plan Administrator to not file the extension. If Sponsor determines IRS Form 5500 must be filed, Union Bank will prepare such IRS Form 5500 and deliver the same to Sponsor for signature and filing. Sponsor shall engage the services of an independent auditor to prepare the audit report to the extent an audit report is required. If this box is checked, Sponsor also directs Union Bank to prepare the Summary Annual Report ("SAR") for the Plan; provided, however, notwithstanding anything to the contrary, Sponsor shall be responsible for delivering such SAR to participants as required by law.

☐ prepare, when required by applicable law, Form 8955-SSA and file, on behalf of the Plan Administrator, with the Internal Revenue Service.

☐ cooperate with Sponsor and any third-party responsible for preparing IRS Form 5500 and Form 8955-SSA.

☐ prepare a Plan document for review, approval, and execution by Sponsor; provided, however, it shall be Sponsor's responsibility to ensure such Plan document is qualified within the meaning of Code Section 401(a).

☐ provide Participants access to the Relius Administration Plan Participant Web module (the "Participant Website"), or similar program, to permit Participants to designate any beneficiary(ies) to whom Union Bank, in its capacity as Trustee or custodian, will pay all or any portion of the Participant's vested account balance under the Plan in the event of a Participant's death; provided, however, the parties understand that Sponsor shall retain the responsibility for maintaining participant beneficiary records under applicable law, and that Plan benefits shall be paid to a Participant's beneficiary(ies) only upon Sponsor's written approval and direction.

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☒ comply with any Durable Power of Attorney (or similar document) ("POA") as directed by Sponsor in connection with the administration of a Participant's account; provided, however, it shall be Sponsor's responsibility for reviewing such POA, accepting or denying such POA, and notifying Union Bank of the acceptance or denial of such POA.

In performing services under this Agreement, including the above-referenced Compliance Services, unless Sponsor expressly notifies Union Bank in writing to the contrary, Sponsor acknowledges and directs Union Bank to provide services under this Agreement with the understanding that Sponsor does not maintain any qualified plan (under Code Section 401(a)) other than the Plan, and that Sponsor is not a member of a controlled group of businesses nor a member of an affiliated service group within the meaning of the Internal Revenue Code. To the extent Sponsor notifies Union Bank in writing that Sponsor is a member of a controlled group of businesses or a member of an affiliated service group, Union Bank will perform the above-referenced Compliance Services on a controlled group basis or an affiliated service group basis as the case may be.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT B

COMPENSATION AND FEE SCHEDULE

City of Crete, Nebraska Pension Plan

ANNUAL BASE FEE ..... **No Charge**

The Base Fee is due and payable on a quarterly basis (the quarterly fee will be calculated by dividing the Annual Base Fee by 4). If the Annual Base Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL ASSET-BASED FEE

Plan Assets for Entire City of Crete Relationships	Total Standard Rates
Initial $5,000,000	.60%
Balance of Account	.50%

This fee relates to trustee/custodial services, participant services and educational services, management reports to Sponsor, annual compliance testing, and reconciling trust assets to Participant allocation reports.

The Asset-Based Fee will be calculated for each month in a calendar year quarter by multiplying the Annual Asset-Based Fee rate by the market value of the Plan Assets (subject to the fee) as of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Asset-Based Fee will be due and payable each calendar year quarter. If the Asset-Based Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL INVESTMENT MANAGEMENT FIDUCIARY SERVICES FEE ..... **Not Applicable**

To the extent Union Bank will act as a fiduciary pursuant to Section 1.6.2, Union Bank will charge an Annual Investment Management Fiduciary Services Fee. This fee is in addition to the Annual Asset-Based Fee. The Investment Management Fiduciary Services Fee is calculated on a monthly basis, by multiplying the Annual Investment Management Fiduciary Services Fee rate by the market value of the Plan Assets (subject to the fee) of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Investment Management Fiduciary Services Fee will be due and payable each calendar quarter. If the Investment Management Fiduciary Services Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL INVESTMENT ADVICE FIDUCIARY SERVICES FEE ..... **Not Applicable**

To the extent Union Bank will act as a fiduciary pursuant to Section 1.6.3, Union Bank will charge an Annual Investment Advice Fiduciary Services Fee. This fee is in addition to the Annual Asset-Based Fee. The Investment Advice Fiduciary Services Fee is calculated on a monthly basis, by multiplying the Annual Investment Advice Fiduciary Services Fee rate by the market value of the Plan Assets (subject to the fee) of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Investment Advice Fiduciary Services Fee will be due and payable each calendar quarter. If the Investment Advice Fiduciary Services Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL BROKERAGE ACCOUNT FEE (PER ACCOUNT) ..... **Not Applicable**

The Annual Brokerage Account Fee relates to the establishment and maintenance of a brokerage account under the Plan. One-fourth of the Annual Brokerage Account Fee will be due and payable each calendar year quarter. If the Brokerage Account Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to those Participants who have a brokerage account under the Plan. Unless the parties have agreed otherwise in writing, Plan Assets held in a brokerage account will be subject to the Annual Asset-Based Fee in addition to the Annual Brokerage Account Fee.

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QUARTERLY PARTICIPANT RECORDKEEPING SERVICE FEE

To include Quarterly Participant Statements provided to Participants ..... **No Charge**

The Quarterly Participant Recordkeeping Service Fee will be billed on a quarterly basis by multiplying the Quarterly Participant Recordkeeping Service Fee by the number of individual accounts under the Plan as of the last business day of the quarter. The Quarterly Participant Recordkeeping Service Fee will be due and payable on a quarterly basis. If the Participant Recordkeeping Service Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a per capita basis.

FORM 5500 PREPARATION FEE ..... Not Applicable

The Form 5500 Preparation Fee is charged for the preparation of Form 5500, Annual Return/Report of Employee Benefit Plan and Summary Annual Report. The Form 5500 Preparation Fee is due and payable when the services are rendered. If the Form 5500 Preparation Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a per capita basis.

LOAN FEE

Initial Loan Processing Fee ..... **Not Applicable**

This fee is due and payable, at the time the loan is established, from the account of the Participant who initiated the loan, and will be deducted separately from the Participant's loan proceeds.

DISTRIBUTION FEES

Base Distribution Fee. **$60**
A $60 Base Distribution Fee will apply to any distribution made from the Plan.

Additional Wire Transfer Fee. **$35**
In addition to the Base Distribution Fee, a $35 Wire Transfer Fee will apply to any distribution made from the Plan via wire transfer. A Wire Transfer Fee will not be charged if the wire recipient bank is Union Bank.

Additional Overnight Mail Fee **$50**
In addition to the Base Distribution Fee, a $50 Overnight Mail Fee will apply to any distribution made from the Plan via overnight mail service.

Distributions to which Fees Apply. Unless otherwise provided, the Base Distribution Fee, Wire Transfer Fee, and Overnight Mail Fee will apply to any distribution made under the Plan (regardless of whether the distribution is made to a Participant, financial institution, or another employer-sponsored plan), including but not limited to hardship distributions, in-service distributions, rollover distributions, distributions made as a result of the Participant's termination of employment, distributions made as a result of the Plan's termination, required minimum distributions, installment distributions, partial distributions, and any distribution made to a beneficiary or alternate payee. For purposes of this "Distribution Fees" and "Small Account Balance Closing Fee" portions of this Exhibit B, "Participant" includes a beneficiary or alternate payee who receives a Plan distribution.

Recurring Distributions. If a Participant has elected to receive recurring distributions from the Plan, the Base Distribution Fee, and Wire Fee (if applicable) will apply to the first distribution but not to subsequent recurring distributions. The Overnight Mail Fee, if applicable, will apply to all recurring distributions. For these purposes, a recurring distribution means required minimum distributions, installment distributions, and partial distributions that are treated as recurring distributions.

Payment of Distribution Fee. Unless Sponsor has agreed otherwise in writing, Sponsor hereby directs that any applicable Base Distribution Fee, Wire Transfer Fee, and Overnight Mail Fee be deducted from the Participant's account before the distribution is made.

SMALL ACCOUNT BALANCE CLOSING FEE

If a Participant's, beneficiary's, or alternate payee's vested account balance is $60 or less at the time such Participant receives a distribution, Sponsor understands and agrees that the entire amount of such vested account balance will be paid to Union Bank as a Small Account Balance Closing Fee.

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QUALIFIED DOMESTIC RELATIONS ORDER (QDRO) FEE ..... $400 per QDRO

The QDRO Fee relates to the review of documentation and assistance with transfer of funds pursuant to a QDRO. Unless Sponsor pays the QDRO Fee or directs otherwise, one-half of the fee will be paid by the Participant, and one-half of the fee will be paid by the alternate payee (i.e., deducted from their accounts). The QDRO Fee will be due and payable at the time the alternate payee's account is established under the Plan.

FLOAT FEE

Union Bank earns a "Float Fee" at a money market rate of return. "Float" represents earnings Union Bank receives in two situations. The first situation is when Union Bank has received contributions from Sponsor. In this case, float may be earned between the time Union Bank receives such contributions from Sponsor and the time such contributions are invested under the Plan. The second situation is when Plan Assets are transferred from the Plan's trust/custodial account to a Union Bank general account when a distribution check is made payable to a Participant. In this case, float may be earned between the time such Plan Assets are transferred to a Union Bank general account and the time the distribution check is cleared from the bank on which it is drawn (the "Float Period").

FLOAT DISCLOSURE

In signing this Agreement, Sponsor is agreeing that Union Bank will receive, as additional compensation, for services, any earnings (i.e., "float") on Plan Assets received by Union Bank and held in a general account of Union Bank before such Plan Assets are invested or otherwise disbursed from the Plan. Uninvested funds are not segregated from other general Union Bank accounts, so attributing an exact earnings or interest factor applicable to the Plan's uninvested funds is not possible. Earnings on the float depends on numerous factors such as current interest rates, Federal Funds rates, and the duration of the particular debt instrument.

Float on Plan Assets Awaiting Investment. If Union Bank receives contributions or loan payments by preauthorized Automated Clearing House ("ACH") debit to Sponsor's bank account, such contributions will generally be invested by the close of business on the business day following Union Bank's receipt of such contributions and corresponding investment instructions.

If Union Bank receives contributions or loan payments by wire transfer or check, such contributions will generally be invested by the second business day following Union Bank's receipt of such contributions and corresponding investment instructions.

Float earnings will accrue to Union Bank on funds received for investment from the date of deposit with Union Bank until the date the monies are disbursed (generally by wire transfer) in settlement of investment purchases.

Distributions. If Union Bank receives a distribution request in the form of a check, the Float Period begins on the date the check is written and ends on the date the check is cleared by the bank on which the check is drawn. Union Bank will generally issue checks from a general account by the close of business on the second business day following receipt of available funds and payment directions. A distribution check is typically mailed on the same day it is written.

CONSULTING/MISCELLANEOUS SERVICES FEE

Union Bank reserves the right to charge a special Consulting/Miscellaneous Services Fee if Sponsor requests that consulting or extraordinary services be provided. These fees can be charged for additional compliance testing, compliance testing projections, correction of failed compliance tests, assisting with Plan audits, consulting, reporting, disclosure, Plan corrections, or any other services not otherwise covered under this Agreement.

If Union Bank determines that such special consulting services or extraordinary services should be performed, Union Bank will notify Sponsor in advance as to the extent of such services and the fee for such services. This fee is due and payable by Sponsor upon completion of the special consulting services/extraordinary services. If the Consulting/Extraordinary Service Fee will be paid by the Plan, Sponsor will direct Union Bank as to how such fee will be charged to Plan Participants.

PLAN AMENDMENT FEE ..... No Charge

Union Bank does not charge a Plan Amendment Fee for preparing an amendment to its pre-approved plan document.

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PLAN RESTATEMENT FEE ..... **$1000-$1,500**

The Plan Restatement Fee relates to the preparation of a restatement of the plan document under Union Bank's pre-approved plan document in accordance with IRS procedures. This fee is due and payable at the time the restatement service is provided. If the Plan Restatement Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

PARTICIPANT FEE DISCLOSURE FEE ..... **$1-$10 Per Disclosure**

Union Bank reserves the right to charge a Participant Fee Disclosure Fee in the event Sponsor directs Union Bank to provide participant fee disclosure materials to Participants on behalf of Sponsor and Plan Administrator. Union Bank will notify Sponsor in advance as to the extent of such disclosure-related services and the fee for such services. This fee, if applicable, is due and payable upon completion of the disclosure-related services. If the Participant Fee Disclosure Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

MISCELLANEOUS DISCLOSURE FEE ..... **To Be Determined**

Union Bank reserves the right to charge a Disclosure Fee in the event Sponsor directs Union Bank to provide required disclosure materials (other than a participant fee disclosure) to Participants on behalf of Sponsor and Plan Administrator. Union Bank will notify Sponsor in advance as to the extent of such disclosure-related services and the fee for such services. This fee, if applicable, is due and payable upon completion of the disclosure-related services. If the Miscellaneous Disclosure Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

OTHER SERVICES

Website Participant access..... **No charge**
Voice response Participant access ..... **No charge**
Trading of mutual fund shares..... **No charge**
Access to Union Bank Call Center representative..... **No charge**

REIMBURSEMENT OF EXPENSES

Union Bank reserves the right to request reimbursement of legal, accounting, actuary, and consulting fees incurred by Union Bank in providing services to the Plan. In addition, Union Bank reserves the right to request reimbursement of out-of-pocket travel expenses.

PAYMENT OF FEES AND EXPENSES

Except as otherwise provided for specific fees, all fees and expenses for services provided under this Agreement shall be billed quarterly in arrears and are due and payable to Union Bank within 30 days after the date of invoice; provided, however, that any such fees and expenses that are not paid by Sponsor upon termination of this Agreement shall be paid from Participant accounts to the extent permitted under the Plan and applicable law.

SOFT DOLLAR ARRANGEMENTS

Union Bank has entered into soft dollar relationships with third parties to obtain investment research. Soft dollar relationships are generally arrangements whereby credits are generated by account securities transactions to pay for investment research or other products and services benefitting discretionary accounts. If you would like more information on soft dollar arrangements, the research that is obtained, or whether (and to what extent) these arrangements affect the Plan, you should contact Union Bank.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT C

DESIGNATION OF AUTHORIZED REPRESENTATIVES

Sponsor hereby designates the following person(s) as its initial authorized representative(s) to communicate information and directions concerning this above-named Plan to Union Bank:

Name	Signature
Name	Signature
Name	Signature
Name	Signature

Union Bank may rely on any information or direction given by any one of the above-named authorized representatives. The authority of any person to direct Union Bank shall cease as of the date Sponsor provides written notice to Union Bank that such person is no longer employed or otherwise so authorized.

Sponsor can change the above Designation of Authorized Representatives at any time. To add or remove an authorized representative, Sponsor must send written notification to Union Bank.

After the original designation of authority made pursuant to this Exhibit C, Sponsor shall notify Union Bank in writing as to any changes of the authorized representatives at least annually when completing the annual employee census information for recordkeeping purposes. In addition, Sponsor can change the designation of authorized representatives at any time by providing written notice to Union Bank. To the extent Sponsor directs that an authorized representative be removed or added, the above Designation of Authorized Representatives shall be deemed to be amended to reflect such removal or addition. If Sponsor does not update such authorized representatives, Sponsor hereby authorizes and directs Union Bank to rely on any information or direction given by any person who Union Bank reasonably believes is a representative of Sponsor authorized to provide directions to Union Bank in connection with the Plan.

In addition to the above-authorized representatives, Sponsor shall provide to Union Bank, in writing and in a format acceptable to Union Bank, the names of those persons who shall be provided access to the Relius Administration Plan Sponsor Web Module (or similar program) ("Plan Sponsor Web"), and the level of such access. After the original designation of those persons authorized to access Plan Sponsor Web, Sponsor shall notify Union Bank, in writing in a format acceptable to Union Bank, when: (a) a person who is not authorized to access Plan Sponsor Web should be provided such access; (b) a person who is authorized to access Plan Sponsor Web should have his/her level of such access changed; and (c) a person who is authorized to access Plan Sponsor Web should have such access terminated. If Sponsor does not provide updated access authorization to Union Bank with respect to any person, Sponsor agrees that Union Bank shall not be responsible or liable for any acts or omissions made pursuant to such person's use of Plan Sponsor Web.

City of Crete, Nebraska (Pension Plan), Sponsor

Date: _____

By: _____

Its: _____

DocuSign Envelope ID: F7E03946-ABB6-4D46-B3B2-661BFE704298

EXHIBIT D-1

SPONSOR RESPONSIBLE FOR SELECTING/MONITORING DESIGNATED INVESTMENT ALTERNATIVES

City of Crete, Nebraska Pension Plan

☐ **If this box is checked, this Exhibit D-1 shall not apply.**

Sponsor acknowledges that Union Bank has made a mutual fund investment platform (the "Investment Platform") available to Sponsor from which Sponsor has the responsibility to select the investment options ("Designated Investment Alternatives") available for investment of Participant accounts upon direction of Plan Participants.

The parties understand that Union Bank provides an "open architecture investment platform" under which Union Bank makes thousands of mutual fund investments available to the Plan. The parties acknowledge that it is not feasible to list all the mutual funds on Union Bank's Investment Platform that are available to the Plan. Accordingly, Sponsor acknowledges that the mutual funds set forth below represent a fraction of the mutual funds on the Investment Platform that Union Bank has made available to the Plan. Upon request, Union Bank will provide details to Sponsor about any and all investments on the Investment Platform.

From the Investment Platform, Sponsor, in its capacity as the Plan fiduciary responsible for selecting and monitoring the investment options made available under the Plan, has selected the Designated Investment Alternatives below that will be available to Participants.

Sponsor understands that Union Bank has agreed to provide certain recordkeeping and administration services for one or more of the Designated Investment Alternatives, as indicated below, selected by Sponsor pursuant to agreements between such Designated Investment Alternatives and Union Bank. The amount of fees, if any, currently to be paid to Union Bank by such Designated Investment Alternatives are set forth below, but is subject to change from time to time. If at any time Sponsor wants additional information in connection with such fees paid to Union Bank by such Designated Investment Alternatives, Sponsor should contact Union Bank.

Under the terms of this Agreement, Sponsor is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. Union Bank, however, reserves the right to change the mutual fund investment choices on the Investment Platform from time to time. If Union Bank finds it necessary to change a Designated Investment Alternative that Sponsor has selected for the Plan, Union Bank will provide Sponsor 60-days advance written (or electronic) notice of the change to be made, and the corresponding change in fees, if any, to be paid to Union Bank as a result of such change.

If Sponsor does not object in writing to a proposed investment option change within the 60-day period referenced in the preceding paragraph, Sponsor shall be deemed to have directed Union Bank to make the change as proposed, and this Exhibit D-1 shall be deemed to have been amended to reflect such change. If Sponsor objects in writing to the proposed investment option change within such 60-day period, Union Bank will propose another investment option. If Sponsor and Union Bank cannot agree on a replacement option, Union Bank, at its discretion, may terminate the Agreement.

Notwithstanding the two preceding paragraphs to the contrary, unless the parties agree otherwise, Sponsor hereby directs Union Bank to make fund changes without having to comply with such 60-day period referenced above in accordance with the following: (a) in the event that the mutual fund company that manages the target date funds made available under the Plan offers a new mutual fund with a later target date, Sponsor hereby directs Union Bank to make such later target date fund available under the Plan (for example, if the Plan makes the Vanguard target date funds available under the Plan, and Vanguard establishes the Vanguard Target Retirement 2075 Fund, Sponsor hereby directs Union Bank to make the Vanguard Target Retirement 2075 Fund available under the Plan without having to comply with such 60-day period); and (b) in the event Union Bank becomes aware of a new share class being issued in connection with a Designated Investment Alternative made available under the Plan, and such share class will provide for a lower expense ratio without altering the underlying investment strategy or investments in such Designated Investment Alternative, Sponsor hereby directs Union Bank to replace the higher expense ratio Designated Investment Alternative with the Designated Investment Alternative with the lower expense ratio.

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In the event a Designated Investment Alternative is removed or added (regardless of whether Sponsor has initiated such action or whether such Designated Investment Alternative was removed or added as addressed above), this Exhibit D-1 shall be deemed to be amended to reflect such removal or addition.

Sponsor represents that it has accessed or received, or has had the opportunity to access, a prospectus or other applicable fund disclosure documents for each of the Designated Investment Alternatives selected below.

Schedule of Mutual Fund Services

Union Bank will provide some or all of the following services as shall from time to time be agreed upon between Union Bank and the Designated Investment Alternatives:

Account Information

- Union Bank will maintain a record of the number of shares held on behalf of the Plan.
- Union Bank will maintain records of address and taxpayer identification number of each Participant in the Plan.

Participant Services

- Union Bank will investigate inquiries from Participants and Plan representatives relating to their interests in the Plan accounts.
- Union Bank will respond to communications from Participants and Plan representatives and others relating to the mutual fund investments of the Plan.
- Union Bank will engage in such other communications and correspondence as may from time to time be mutually agreed upon.

Shareholder Communications

- Union Bank will address and mail to Participants and/or Sponsor, reports to shareholders, dividend and distribution notices upon request.

Proxy Materials

- Union Bank will prepare shareholder lists with respect to Plan and/or Participants, as appropriate.
- Union Bank will mail and certify as to the mailing of the proxy material, as appropriate, upon request.

Designated Investment Alternatives Selected by Sponsor

Sponsor hereby selects the following Designated Investment Alternatives as investment options under the Plan.

Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
X	Vanguard Target Retirement Income Fund	VTINX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2020 Fund	VTWNX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2025 Fund	VTTVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2030 Fund	VTHRX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2035 Fund	VTTHX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2040 Fund	VFORX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2045 Fund	VTIVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2050 Fund	VFIFX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2055 Fund	VFFVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2060 Fund	VTTSX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2065 Fund	VLXVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2070 Fund	VSVNX	0.08%	N/A	N/A*
	American Funds American Balanced R6	RLBGX	0.25%	N/A	N/A*

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Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
	American Funds Bond Fund of Amer R6	RBFGX	0.20%	N/A	N/A*
X	American Funds EuroPacific Growth R6	RERGX	0.46%	N/A	N/A*
X	American Funds Growth Fund of Amer R6	RGAGX	0.30%	N/A	N/A*
X	American Funds Invmt Co of Amer R6	RICGX	0.27%	N/A	N/A*
	American Funds Washington Mutual R6	RWMGX	0.26%	N/A	N/A*
	Artisan Developing World Institutional	APHYX	1.00%	N/A	N/A*
X	DFA International Value I	DFIVX	0.29%	N/A	N/A*
	DFA Large Cap International I	DFALX	0.18%	N/A	N/A*
X	Federated Hermes Total Return Bond	FTRLX	0.38%	N/A	N/A*
	Federated Hermes US Treas Cash Res IS	UTIXX	0.20%	N/A	N/A*
X	Goldman Sachs FS Government Instl	FGTXX	0.18%	N/A	N/A*
	Goldman Sachs Satellite Strategies Instl	GXSIX	1.00%	N/A	N/A*
X	Goldman Sachs Small Cap Value R6	GSSUX	0.95%	N/A	N/A*
	Harding Loevner International Eq Instl Z	HLIZX	0.71%	N/A	N/A*
X	JPMorgan Mid Cap Growth R6	JMGMX	0.70%	N/A	N/A*
	Lazard Emerging Markets Equity R6	RLEMX	1.08%	N/A	N/A*
	Loomis Sayles Small Cap Growth Instl	LSSIX	0.92%	N/A	.15%*
X	MFS New Discovery R6	MNDKX	0.89%	N/A	N/A*
X	MFS Value R6	MEIKX	0.45%	N/A	N/A*
X	Nuance Mid Cap Value Z	NMVZX	0.78%	N/A	N/A*
X	Parnassus Mid Cap Institutional	PFPMX	0.75%	N/A	.10%*
	PGIM High Yield R6	PHYQX	0.38%	N/A	N/A*
	Reliance MetLife Series 25053 CL 0	METSO	0.62%	N/A	N/A*
	Standard Stable Asset II	XSAF2	0.10%	N/A	N/A*
	T. Rowe Price Dividend Growth I	PDGIX	0.49%	N/A	N/A*
X	T. Rowe Price Overseas Stock I	TROIX	0.66%	N/A	N/A*
X	Vanguard 500 Index Admiral	VFIAX	0.04%	N/A	N/A*
	Vanguard Balanced Index Adm	VBIAX	0.07%	N/A	N/A*
	Vanguard Emerging Mkts Stock Idx Adm	VEMAX	0.14%	N/A	N/A*
X	Vanguard Growth Index Admiral	VIGAX	0.05%	N/A	N/A*
	Vanguard LifeStrategy Cnsrv Gr Inv	VSCGX	0.12%	N/A	N/A*
	Vanguard LifeStrategy Growth Inv	VASGX	0.14%	N/A	N/A*
	Vanguard LifeStrategy Income Inv	VASIX	0.11%	N/A	N/A*
	Vanguard LifeStrategy Moderate Gr Inv	VSMGX	0.13%	N/A	N/A*
X	Vanguard Mid Cap Index Admiral	VIMAX	0.05%	N/A	N/A*
	Vanguard Mid-Cap Growth Index Admiral	VMGMX	0.07%	N/A	N/A*
	Vanguard Mid-Cap Value Index Admiral	VMVAX	0.07%	N/A	N/A*
	Vanguard Real Estate Index Admiral	VGSLX	0.12%	N/A	N/A*
X	Vanguard Short-Term Federal Adm	VSGDX	0.10%	N/A	N/A*
X	Vanguard Short-Term Investment-Grade Adm	VFSUX	0.10%	N/A	N/A*
X	Vanguard Shrt-Term Infl-Prot Sec Idx Adm	VTAPX	0.06%	N/A	N/A*
	Vanguard Small Cap Growth Index Admiral	VSGAX	0.07%	N/A	N/A*
X	Vanguard Small Cap Index Adm	VSMAX	0.05%	N/A	N/A*
	Vanguard Small Cap Value Index Admiral	VSIAX	0.07%	N/A	N/A*
X	Vanguard Strategic Small-Cap Equity Inv	VSTCX	0.26%	N/A	N/A*
X	Vanguard Total Bond Market Index Adm	VBTLX	0.05%	N/A	N/A*
X	Vanguard Total Intl Stock Index Admiral	VTIAX	0.11%	N/A	N/A*

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Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
	Vanguard US Growth Admiral™	VWUAX	0.28%	N/A	N/A*
X	Vanguard Value Index Adm	VVIAX	0.05%	N/A	N/A*

Part of the Total Expense Ratio

In the event Sponsor has selected the Reliance MetLife Stable Value Series 25157, 25053 or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

Although Union Bank has provided the above information in good faith, and Union Bank believes the above information is accurate, the parties agree it is Sponsor's responsibility to: (a) ensure the information is accurate; and (b) notify Union Bank of any errors and omissions in connection with the above-referenced investments.

If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor acknowledges that Union Bank, in making the Investment Platform available to the Plan, is not providing impartial investment advice or giving advice in a fiduciary capacity. Sponsor may, at any time as part of its fiduciary duty to select and monitor the Designated Investment Alternatives available under the Plan, request Union Bank to identify those investment alternatives from its Investment Platform that meet objective criteria specified by Sponsor.

Sponsor hereby acknowledges that: (1) it has selected the above-listed Designated Investment Alternatives to be offered under the Plan; (2) it has the obligation to select and monitor the Designated Investment Alternatives offered under the Plan (and that even if Union Bank is determined by a court or regulatory agency to be the fiduciary responsible for selecting the Plan's initial Designated Investment Alternatives, Sponsor, nonetheless, is the fiduciary responsible for monitoring such Designated Investment Alternatives on an ongoing basis); (3) Union Bank is not acting in a fiduciary capacity (within the meaning of any applicable law) by making the Investment Platform available to Sponsor; (4) the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal; (5) it has received sufficient information, reasonably in advance of executing this Agreement, for Sponsor to evaluate the appropriateness of making such Designated Investment Alternatives available under the Plan to include the expenses that will be incurred for each such Designated Investment Alternative; (6) it has received all relevant information with respect to the above-selected Designated Investment Alternatives necessary or appropriate to satisfy its inquiry in selecting and monitoring the Plan's Designated Investment Alternatives; (7) it has received sufficient information to understand the amount of compensation, if any, to be paid to Union Bank by each such Designated Investment Alternative set forth above; and (8) Exhibits B and D-1 of this Agreement accurately reflect the entire fee arrangement between Sponsor and Union Bank.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT D-2

UNION BANK ACTS AS INVESTMENT MANAGEMENT FIDUCIARY

City of Crete, Nebraska Pension Plan

☒ **If this box is checked, this Exhibit D-2 shall not apply.**

Pursuant to Section 1.6.2, Union Bank is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. Union Bank will notify Sponsor (in writing or electronic form) reasonably in advance of any changes with respect to the Designated Investment Alternatives made available under the Plan. When Union Bank makes a change to the Plan's Designated Investment Alternatives, this Exhibit D-2 shall be deemed to be amended to incorporate such change.

Union Bank has selected the Designated Investment Alternatives set forth below, as of the effective date of this Agreement, to be made available under the portion of the Plan that is a Participant-Directed Plan.

Designated Investment Alternative	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

The DIAs set forth below have been selected by Sponsor and not Union Bank and, therefore, are subject to Section 1.6.1 of this Agreement but not subject to Section 1.6.2.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

In the event Union Bank has selected the Reliance MetLife Stable Value Series 25157, 25053, or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor hereby acknowledges that the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal.

City of Crete, Nebraska _____, Sponsor

Date: _____

NOT NEEDED

By: _____

Its: _____

DocuSign Envelope ID: F7E03946-ABB6-4D46-B3B2-661BFE704298

EXHIBIT D-3

UNION BANK ACTS AS INVESTMENT ADVICE FIDUCIARY

City of Crete, Nebraska Pension Plan

☒ **If this box is checked, this Exhibit D-3 shall not apply.**

Pursuant to Section 1.6.3, Union Bank has recommended the Designated Investment Alternatives set forth below, as of the effective date of this Agreement, be made available under the portion of the Plan that is a Participant-Directed Plan. Sponsor retains the sole responsibility and authority for adding or removing Designated Investment Alternatives from the Plan.

Under the terms of this Agreement, Sponsor is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. If Union Bank recommends that a Designated Investment Alternative be added or removed, Union Bank will provide Sponsor 60-days advance written (or electronic) notice of the change to be made.

If Sponsor does not object in writing to a proposed investment option change within the 60-day period referenced in the preceding paragraph, Sponsor shall be deemed to have directed Union Bank to make the change as recommended, and this Exhibit D-3 shall be deemed to have been amended to reflect such change. If Sponsor objects in writing to the recommended investment option change within such 60-day period, Union Bank will recommend another investment option. If Sponsor and Union Bank cannot agree on a replacement option, Union Bank, at its discretion, may terminate the Agreement.

Notwithstanding the two preceding paragraphs to the contrary, unless the parties agree otherwise, Sponsor hereby directs Union Bank to make fund changes without having to comply with such 60-day period referenced above in accordance with the following: (a) in the event that the mutual fund company that manages the target date funds made available under the Plan offers a new mutual fund with a later target date, Sponsor hereby directs Union Bank to make such later target date fund available under the Plan (for example, if the Plan makes the Vanguard target date funds available under the Plan, and Vanguard establishes the Vanguard Target Retirement 2075 Fund, Sponsor hereby directs Union Bank to make the Vanguard Target Retirement 2075 Fund available under the Plan without having to comply with such 60-day period); and (b) in the event Union Bank becomes aware of a new share class being issued in connection with a Designated Investment Alternative made available under the Plan, and such share class will provide for a lower expense ratio without altering the underlying investment strategy or investments in such Designated Investment Alternative, Sponsor hereby directs Union Bank to replace the higher expense ratio Designated Investment Alternative with the Designated Investment Alternative with the lower expense ratio share class.

In the event a Designated Investment Alternative is removed or added (regardless of whether Sponsor has initiated such action or whether such Designated Investment Alternative was removed or added as addressed above), this Exhibit D-3 shall be deemed to be amended to reflect such removal or addition.

Designated Investment Alternatives Selected by Sponsor

Sponsor hereby selects the following Designated Investment Alternatives as investment options under the Plan.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

In the event Sponsor has selected the Reliance MetLife Stable Value Series 25157, 25053, or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

Although Union Bank has provided the above information in good faith, and Union Bank believes the above information is accurate, the parties agree it is Sponsor's responsibility to: (a) ensure the information is accurate; and (b) notify Union Bank of any errors and omissions in connection with the above-referenced investments.

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If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor may, at any time as part of its fiduciary duty to select and monitor the Designated Investment Alternatives available under the Plan, request Union Bank to identify those investment alternatives from its Investment Platform (as defined in Exhibit D-1) that meet objective criteria specified by Sponsor.

Sponsor hereby acknowledges that: (1) it has selected the above-listed Designated Investment Alternatives to be offered under the Plan; (2) it has the obligation to select and monitor the Designated Investment Alternatives offered under the Plan (and that even if Union Bank is determined by a court or regulatory agency to be the fiduciary responsible for selecting the Plan's initial Designated Investment Alternatives, Sponsor, nonetheless, is the fiduciary responsible for monitoring such Designated Investment Alternatives on an ongoing basis); (3) the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal; (4) it has received sufficient information, reasonably in advance of executing this Agreement, for Sponsor to evaluate the appropriateness of making such Designated Investment Alternatives available under the Plan to include the expenses that will be incurred for each such Designated Investment Alternative; and (5) it has received all relevant information with respect to the above-selected Designated Investment Alternatives necessary or appropriate to satisfy its inquiry in selecting and monitoring the Plan's Designated Investment Alternatives.

☐ If this box is checked, the following charge shall NOT apply.

The Designated Investment Alternatives set forth below have been selected by Sponsor but were not recommended by Union Bank and, therefore, are subject to Exhibit D-1 and not this Exhibit D-3.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

City of Crete, Nebraska, Sponsor

Date: _____

By: NOT NEEDED _____

Its: _____

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EXHIBIT E

FACTS	What Does Union Bank & Trust Company Do With Your Personal Information?
Why?	Financial companies choose how they share your personal information. Federal law gives consumers the right to limit some but not all sharing. Federal law also requires us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand what we do.
What?	The types of personal information we collect and share depend on the product or service you have with us. This information can include: • Social Security number and account balances • Transaction history and payment history • Investment experience and retirement assets
How?	All financial companies need to share customers' personal information to run their everyday business. In the section below, we list the reasons financial companies can share their customers' personal information; the reasons Union Bank & Trust Co. chooses to share; and whether you can limit this sharing.

Reasons we can share your personal information	Does Union Bank & Trust share?	Can you limit this sharing?
For our everyday business purposes — such as to process your transactions, maintain your account(s), respond to court orders and legal investigations, or report to credit bureaus	Yes	No
For our marketing purposes — to offer our products and services to you	Yes	No
For joint marketing with other financial companies	Yes	No
For our affiliates' everyday business purposes — information about your transactions and experiences	Yes	No
For our affiliates' everyday business purposes — information about your creditworthiness	Yes	Yes
For our affiliates to market to you	Yes	Yes
For nonaffiliates to market to you	No	We don't share

To limit our sharing	**Visit us online:** www.ubt.com/privacy **Please note:** If you are a ***new*** customer, we can begin sharing your information 30 days from the date we sent this notice. When you are ***no longer*** our customer, we continue to share your information as described in this notice. However, you can contact us at any time to limit our sharing.
Questions?	**Call** 1-800-297-2837 **or visit us online:** www.ubt.com/privacy

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What We Do	
How does Union Bank & Trust Co. protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer safeguards and secured files and buildings. We have an Information Security Program and a Code of Ethics. All employees are expected to abide by programs and policies established in an effort to protect customer information.
How does Union Bank & Trust Co. collect my personal information?	We collect your personal information, for example, when you: • Open an account or apply for a loan • Provide account information or provide employment information • Tell us about your investment or retirement portfolio We also collect your personal information from others, such as credit bureaus, affiliates, or other companies.
Why can't I limit all sharing?	Federal law gives you the right to limit only: • Sharing for affiliates' everyday business purposes—information about your creditworthiness • Affiliates from using your information to market to you • Sharing for nonaffiliates to market to you State laws and individual companies may give you additional rights to limit sharing.
What happens when I limit sharing for an account I hold jointly with someone else?	Your choices will apply to everyone on your account.

Definitions	
Affiliates	Companies related by common ownership or control. They can be financial and nonfinancial companies. *Our affiliates include companies with the "Union" name; financial companies such as student loan and brokerage services; nonfinancial companies, such as technology and recordkeeping services.*
Nonaffiliates	Companies not related by common ownership or control. They can be financial and nonfinancial companies. *Union Bank & Trust Co. does not share with nonaffiliates so they can market to you.*
Joint Marketing	A formal agreement between nonaffiliated financial companies that together market financial products or services to you. *Our joint marketing partners include insurance companies.*

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June 15, 2023

Mr. Jerry Wilcox
City of Crete, Nebraska
243 E 13th Street
Crete, NE 68333

Re: Revised Defined Contribution Plan Services Agreement
City of Crete, Nebraska Police Officers Pension Plan

Dear Jerry:

Please find attached a revised Defined Contribution Plan Services Agreement (the "Agreement") in connection with the services Union Bank & Trust Company ("Union Bank") provides to the above-referenced Plan.

The remainder of this letter discusses the revised Agreement and the action that must be taken.

Revised Agreement

The revised Agreement, which is effective July 1, 2023, is not intended to alter the substantive relationship with respect to Union Bank's services to the Plan. However, Union Bank wants to make you aware of the following changes made to the Agreement:

- Section 1.6 – and Exhibits D-1, D-2, and D-3. These changes reflect Union Bank's services in selecting and monitoring the mutual funds offered under the Plan.
- Section 2.2. This section addresses how operational failures will be handled under the IRS Employee Plans Compliance Resolution System.
- Section 8.3. This section addresses how litigation proceeds involving Plan assets in connection with class action settlements, if applicable, will be allocated under the Plan.
- Section 8.17. This section revises cybersecurity provisions in connection with the Plan.
- Exhibit B. The revised exhibit incorporates the Plan's current fee schedule.
- Exhibits D-1 and D-3. These exhibits, to the extent applicable, address procedures for adding a mutual fund when there has been a share class change – providing a lower expense ratio – for a fund already offered under the Plan, as well as adding target date funds when they become available.

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Action Required

You should review the revised Agreement, and take the following action:

1. Complete Exhibit C, Designation of Authorized Representatives. This designates the representatives authorized to communicate information and direction to Union Bank with respect to the Plan. **(After clicking on the link below in the yellow box, complete as necessary, then be sure to return to this document to sign the rest of the Services Agreement.)**

   CLICK HERE FIRST TO FILL OUT EXHIBIT C THEN INITIAL

2. An authorized representative should sign and date the execution page of the Agreement, and Exhibits A through D-3, as applicable.

Union Bank will counter-execute the revised Agreement and make it available on the Plan Sponsor Website.

****

Should you have any questions with respect to the revised Agreement, please do not hesitate to contact me.

Sincerely,

Josh Sovereign
Vice President
Retirement Plan Services
(402) 323-1691
josh.sovereign@ubt.com

JS\slh

Enclosure

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DEFINED CONTRIBUTION PLAN SERVICES AGREEMENT

Governmental Qualified Plan

THIS AGREEMENT is made and entered into by and between Union Bank and Trust Company ("Union Bank"), and **City of Crete, Nebraska** (the "Sponsor"), the sponsor and Plan Administrator of the **City of Crete, Nebraska Police Officers Pension Plan** (the "Plan").

WITNESSETH

WHEREAS, Sponsor has established the Plan or the benefit of certain eligible employees of Sponsor and, if applicable, certain eligible employees of other employers that have adopted the Plan;

WHEREAS, Sponsor is the Administrator ("Plan Administrator") of the Plan and, as Plan Administrator, Sponsor has the authority, power and duty to administer the Plan according to its terms;

WHEREAS, Union Bank provides certain services with regard to employee retirement plans;

WHEREAS, Sponsor has the authority and desires to retain Union Bank to provide certain services for the Plan; and

WHEREAS, Union Bank is willing to provide such services;

NOW, THEREFORE, in consideration of the mutual promises and duties set forth in this Agreement, the parties hereto, intending to be legally bound, do agree as follows:

This Agreement sets forth the terms and conditions for Union Bank's services with respect to the Plan. The terms and conditions of this Agreement shall be deemed incorporated into and part of the specific service agreement of each and every Exhibit without express reference therein. It is agreed that Union Bank's authority and services as an agent or fiduciary of the Plan shall extend only to the performance of the specific services and functions set forth and described in this Agreement and any Exhibit hereto. Any performance of additional services to the Plan in connection with this Agreement shall not be treated as altering the Agreement or Union Bank's duties hereunder and shall not create additional obligations of Union Bank under any circumstances. It is further agreed that the responsibility for any Plan-related services and duties not identified in this Agreement or the Exhibits hereto are retained by and remain the sole responsibility of the Sponsor and/or Plan Administrator.

The parties further agree that except as may be specifically provided in Section 1 of this Agreement, this Agreement, including any Exhibit hereto, shall not require Union Bank to: (i) act as a fiduciary to the Plan; (ii) provide investment advice for a fee; (iii) exercise any discretionary authority or control with respect to the management of the Plan or Plan Assets (as that term is defined in Section 1.4); or (iv) exercise or have any discretionary authority or responsibility in the administration of the Plan. Union Bank does not, and shall not, provide tax or legal advice and the Plan Sponsor must obtain its own legal and tax counsel for the Plan and its design, operation and administration.

1. TRUSTEE AND INVESTMENT-RELATED SERVICES

1.1 Safekeeping of Assets. Unless otherwise agreed upon by the parties, Union Bank shall safekeep all Plan Assets, execute, buy, sell and reinvestment transactions, collect and report dividend and interest payments, and act in accordance with the trust or custodial agreement maintained in connection with the Plan. The term "Trust" as used herein shall mean the funding medium established in connection with the Plan, and the term "Trust Agreement" as used herein shall mean the trust or custodial agreement maintained in connection with the Plan. To the extent this Agreement conflicts with any term of the Trust Agreement, the terms of the Trust Agreement shall control.

1.2 Reporting. Union Bank shall prepare periodic asset statements, describing all asset positions of the Trust as of the period ending date ("Reporting Period") and listing all transactions that have occurred during such Reporting Period. In the case of any Plan Asset not publicly traded, Sponsor (or other responsible fiduciary) shall provide to Union Bank the value of such Plan Asset, and Union Bank shall rely upon such value and shall have no responsibility to determine or confirm the accuracy of such value to the extent consistent with applicable law.

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1.3 Contributions Processing. Within an administratively feasible period of time after Sponsor forwards contributions to the Trust, Union Bank shall invest such contributions (and earnings thereon) in accordance with proper investment directions.

1.4 Fiduciary Status of Union Bank Acting as Trustee. To the extent Union Bank is acting as Trustee with respect to any assets held in Trust in connection with the Plan ("Plan Assets"), Union Bank shall be a fiduciary of the Plan and shall have fiduciary responsibility for the duties assigned to it as Trustee in accordance with applicable law.

1.5 Investment Authority. Unless Union Bank agrees to the contrary in a separate writing, Union Bank shall have no investment management authority with respect to any Plan Assets and shall not render investment advice to any person in connection with the selection of investment options for the Plan Assets.

1.6 Selection of Plan Investments. This Section 1.6 shall apply only if under the terms of the Plan, participants, beneficiaries, and any other persons ("Participants") are entitled to direct the investment of all or a portion of their Plan benefits (a "Participant-Directed Plan").

Check one or more of the following Sections 1.6.1, 1.6.2, or 1.6.3:

☒ 1.6.1 Sponsor Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor agrees that to the extent the Plan is a Participant-Directed Plan, then Sponsor (or other person designated in writing by Sponsor) shall be responsible for selecting and monitoring the designated investment alternatives ("DIA") made available to Participants under the portion of the Plan that is a Participant-Directed Plan. DIAs selected by the Sponsor (or other authorized person) shall be permissible investments as described in Section 1.8. Sponsor acknowledges that Union Bank may from time to time recommend that Sponsor review the appropriateness of one or more such DIAs and that upon Sponsor's request, Union Bank will provide information to Sponsor in connection with such DIAs, including performance data, benchmark information, and fee and expense information; provided, however, if Union Bank makes any such recommendations, Sponsor acknowledges that said recommendations will be based on the appropriateness of such investment options for retirement plans in general, and shall not be interpreted as being made specifically for the Plan. Changes in the Plan's DIAs shall be made in accordance with Exhibit D-1 of this Agreement or in accordance with procedures adopted by Union Bank and Sponsor. Compliance with the procedures set forth in Exhibit D-1 shall be deemed to satisfy any Plan provisions relating to Sponsor's obligation to select and monitor the DIAs available under the Plan. Notwithstanding any provision in this paragraph to the contrary, Exhibit D-1 shall not apply if Sponsor has designated a person, other than Union Bank, as being responsible for selecting and monitoring the DIAs made available to Participants under the portion of the Plan that is a Participant-Directed Plan.

☐ 1.6.2 Union Bank Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor hereby appoints Union Bank to act as investment manager for the limited purpose of selecting and monitoring the Plan's DIAs, and Union Bank hereby accepts such appointment, and acknowledges it is acting as a Plan fiduciary in connection with providing services under this Section 1.6.2. Union Bank shall be responsible for selecting and monitoring the DIAs made available to Participants under the portion of the Plan that is a Participant-Directed Plan.

The DIAs initially made available as of the effective date of this Agreement are set forth in Exhibit D-2. Union Bank shall notify Sponsor (in writing or electronic form) reasonably in advance of any changes with respect to the DIAs. When Union Bank makes a change to the Plan's DIAs, Exhibit D-2 shall be deemed to be amended to incorporate such change.

Union Bank and Sponsor shall meet at least once during each calendar year (or more or less frequently as agreed upon by Union Bank and the Sponsor) to review the actions taken by Union Bank pursuant to its duty to select and monitor the Plan's DIAs.

Union Bank shall not be responsible for selecting, monitoring, or making any recommendations to retain or remove, any employer stock funds or self-directed brokerage account investments, or any other investments under the Plan that are not DIAs

Unless contrary to applicable law, the standard of care imposed on Union Bank in performing the services pursuant to this Section 1.6.2 is to act with the care, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the

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conduct of an enterprise of like character and with like aims; provided, however, that nothing in this Agreement shall be deemed to limit any responsibility Union Bank may have in connection with providing the services hereunder to the extent such limitation would be inconsistent with applicable laws.

In assuming responsibility for selecting and monitoring the Plan's DIAs pursuant to this Section 1.6.2, Union Bank represents and agrees that is: (a) a fiduciary within the meaning of applicable law; and (b) is a bank within the meaning of the Investment Advisers Act of 1940.

☐ 1.6.3 Union Bank Provides Plan-Level Investment Advice and Sponsor Remains Responsible for Selecting/Monitoring Designated Investment Alternatives. Sponsor hereby appoints Union Bank to act as investment adviser, and Union Bank hereby accepts such appointment, and acknowledges it is acting as a Plan fiduciary in connection with providing services under this Section 1.6.3. In this capacity, Union Bank shall provide investment advice (which may be in writing or electronic form) in connection with selecting and monitoring the Plan's DIAs to be made available to Participants under the portion of the Plan that is a Participant-Directed Plan. In providing investment advice under this Section 1.6.3, Union Bank shall make recommendations to Sponsor as to the DIAs to be offered under the Plan (including subsequent recommendations with respect to adding or removing DIAs); provided, however, Sponsor (or other person designated in writing by Sponsor) shall have the authority to accept or reject such recommendations, and in all events, shall retain sole responsibility for selecting and monitoring the Plan's DIAs. The DIAs initially recommended by Union Bank are set forth in Exhibit D-3. When Union Bank recommends the addition or the removal of a DIA, Exhibit D-3 shall be deemed to be amended to incorporate such addition and/or removal recommendation unless Sponsor (or other person designated in writing by Sponsor) rejects such addition and/or removal recommendation. Changes in the Plan's DIAs shall be made in accordance with Exhibit D-3 of this Agreement. Compliance with the procedures set forth in Exhibit D-3 shall be deemed to satisfy any Plan provisions relating to Sponsor's obligation to select and monitor the DIAs available under the Plan.

Union Bank and Sponsor shall meet at least once during each calendar year (or more or less frequently as agreed upon by Union Bank and the Sponsor) to review the recommendations made by Union Bank pursuant to its duties under this Section 1.6.3.

Unless contrary to applicable law, the standard of care imposed on Union Bank in performing the services under this Section 1.6.3 is to act with the care, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of like character and with like aims; provided, however, that nothing in this Agreement shall be deemed to limit any responsibility Union Bank may have in connection with providing the services under this Section 1.6.3 to the extent such limitation would be inconsistent with applicable laws.

Union Bank shall not be responsible for selecting, monitoring, or making any recommendations to retain or remove, any employer stock funds or self-directed brokerage account investments, or any other investments under the Plan that are not DIAs.

In assuming responsibility for recommending the Plan's DIAs pursuant to this Section 1.6.3, Union Bank represents and agrees that is: (a) a fiduciary within the meaning of applicable law; and (b) is a bank within the meaning of the Investment Advisers Act of 1940.

In the event Sponsor permits Participants to establish self-directed brokerage accounts ("SDBA") under the Plan, Sponsor: (a) agrees that the investments in a Participant's SDBA shall be limited to publicly-traded securities, mutual funds, money market investments, other similar publicly-traded investments that are obtainable by Union Bank and which Union Bank is capable of holding in the ordinary course of business, which trade on a recognized exchange or over-the-counter market, and have a readily ascertainable fair market value on a daily basis, or any other investment allowed by the Plan subject to Union Bank's consent; (b) directs Union Bank to prepare and execute any documents necessary or appropriate to establish an SDBA for the benefit of a Participant; and (c) and specifically holds Union Bank harmless and indemnifies Union Bank for any action taken or not taken by the Participant or his/her designee (or any service provider with whom Participant's SDBA is established) in the case that such Participant's SDBA is established with a third-party other than Union Bank.

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1.7 Investment Policy Statement. To the extent Union Bank is a discretionary trustee of the Plan (or Union Bank has agreed to act as a fiduciary under Section 1.6.2 or 1.6.3 and the Plan is a Participant-Directed Plan), Union Bank will be responsible for creating and maintaining an investment policy statement for the Plan if required by applicable law. To the extent the Plan is a Participant-Directed Plan, and Sponsor is responsible for selecting and monitoring the Plan's DIAs, Union Bank may provide a draft investment policy statement for Sponsor's review and approval; provided, however, it shall be the sole responsibility of Sponsor: (a) to determine whether to adopt such investment policy statement; and (b) if adopted, to comply with such investment policy statement.

1.8 Permitted Investments. Unless Union Bank agrees otherwise, Plan Assets in a Participant-Directed Plan shall be limited to publicly-traded securities, mutual funds, money market investments, and other similar publicly-traded investments that are traded on a recognized exchange or over-the-counter market and have a readily ascertainable fair market value on a daily basis ("Publicly-Traded Plan Assets"); provided, however, if Union Bank agrees to act as trustee or custodian of any Plan Assets that are not Publicly-Traded Plan Assets, then Sponsor (or its designee) shall be responsible, at its expense, for obtaining the fair market value of such Plan Assets and providing such valuation to Union Bank.

1.9 Prohibited Investments. Unless Union Bank agrees otherwise, the following investments will not be permitted in a Participant-Directed Plan: (a) any investment that, in Union Bank's sole discretion, would constitute or may result in a non-exempt prohibited transaction under applicable law; (b) derivatives, options, commodities, swaps, or similar investments; (c) collectibles (as defined in Internal Revenue Code (the "Code") Section 408(m)(2)); (d) non-publicly traded securities; (e) any investment prohibited by applicable law; (f) any investment that could cause the Plan or Trust to be subject to income taxes; (g) assets that are not capable of valuation; or (h) any investment prohibited under the terms of the Plan.

1.10 Investment Management or Advice Services to Plan Participants. Sponsor may make investment management and/or investment advice services available to Plan Participants in a Participant-Directed Plan. In the event such services are made available to Plan Participants, any Plan Participant who wants to receive such services shall enter into a separate agreement for the provision of such services, and that Sponsor further acknowledges it has reviewed and approved such Participant agreements.

2. OTHER SERVICES TO BE PERFORMED BY UNION BANK

2.1 Union Bank's Responsibilities. Union Bank, as directed by Sponsor, shall perform the recordkeeping, compliance, education, reporting and disclosure, and additional administrative services as set forth in Exhibit A. Exhibit A shall control and govern all recordkeeping, compliance, education, reporting and disclosure, and additional administrative services to be performed by Union Bank as an agent for the Plan Administrator. Any other services and all legal and accounting and regulatory matters for the Plan are the responsibility of Sponsor. Sponsor acknowledges that Union Bank is engaged to perform such services under this Section 2 as an independent contractor and that all such services shall be ministerial in nature and that Union Bank shall have no discretionary authority to administer or interpret the provisions of the Plan and any such service performed by Union Bank pursuant to this Section 2 shall be deemed to be made at Sponsor's direction. Union Bank shall not be deemed a fiduciary of the Plan by reason of the services it provides pursuant to this Section 2.

2.2 EPCRS. In the event of an "Operational Failure" under the Plan as defined in the IRS Employee Plans Compliance Resolution System ("EPCRS"), or any successor thereto, Union Bank shall assist Sponsor and the Plan Administrator to resolve such Operational Failure, at the Sponsor's cost and expense, under the IRS Self-Correction Program ("SCP"), as defined in EPCRS, unless Sponsor determines such Operational Failure cannot be resolved under SCP and notifies Union Bank in writing of such determination. In the event earnings need to be calculated in accordance with a corrective contribution under SCP, the Sponsor directs Union Bank to take the following action: (a) If earnings need to be calculated for a pooled account, the Sponsor directs Union Bank to use the earnings rate for the period of failure based on the investment results that would have applied had the failure not occurred; (b) If earnings need to be calculated in a Participant-Directed Plan, where the Participant has made investment elections, the Sponsor directs Union Bank to use the rate of return for the period of failure based on the Participant's actual investment elections during such period (alternatively, the Sponsor may direct Union Bank to calculate earnings based on the rate of return with the highest rate of return for the period of failure if permitted under EPCRS); (c) If earnings need to be calculated in a Participant-Directed Plan (that is not an automatic enrollment plan), where the Participant has not made any investment elections for the period of failure, the Sponsor directs Union Bank to use the Plan's weighted earnings rate for such period; (d) If earnings need to be calculated in an automatic enrollment plan, where the Participant has not made any investment elections for the period of failure, the Sponsor directs Union Bank to use the earnings rate for the applicable default investment fund for such period. Any correction made under this Section 2.2 shall be deemed to have been made at the Sponsor's direction.

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2.3 Agent of Sponsor. In performing the services set forth in this Section 2, Union Bank shall act as an agent of Sponsor. Sponsor acknowledges that Union Bank is not by reason of this Section 2, providing the services of any attorneys, actuaries, accountants, investment advisors or analysts for Sponsor or the Plan, nor does Union Bank provide legal advice or tax advice by reason of its services under this Agreement.

2.4 Additional Duties. Sponsor and Union Bank may agree from time to time in writing to additional services to be performed by Union Bank in connection with the Plan.

3. SPONSOR'S RESPONSIBILITIES

3.1 Provision of Necessary Information by Sponsor. Sponsor shall provide Union Bank with complete and accurate records of the Plan Participants as of the effective date of this Agreement and throughout the term of this Agreement that are necessary or appropriate for Union Bank to perform its services under this Agreement. Sponsor shall further provide Union Bank with records relating to any change that affects the recordkeeping and administration for the Plan. Sponsor shall provide to Union Bank all materials, documents and information, including the current documents comprising the Plan, as may be necessary or appropriate to service the Plan or to satisfy the requirements of governing law unless otherwise provided in this Agreement. All information provided to Union Bank by Sponsor or its designee shall be true and accurate, and in a usable format, and Union Bank shall be entitled to rely on the accuracy and completeness of such information and shall have no duty to verify, inquire further or investigate the accuracy of such information or any other information required by Union Bank to carry out the services provided for under this Agreement. Sponsor acknowledges that timely receipt of necessary records and information is a condition to the performance of Union Bank's duties and services under this Agreement. Union Bank shall not be liable for any delay, loss or failure in the performance of its duties resulting from any inaccurate or untimely information furnished to Union Bank by Sponsor or any other party. Sponsor, at its own expense, hereby authorizes Union Bank to take any action necessary or appropriate to correct any errors directly or indirectly resulting from Union Bank’s reliance on any inaccurate information furnished to Union Bank by Sponsor or any other party.

3.2 Ongoing Information to be Provided by Sponsor. Sponsor will provide or verify to Union Bank a listing for each plan year showing Participants and the contributions made to the Plan on behalf of each Participant for each plan year, the hire, rehire, and termination of employment dates for all of Sponsor’s employees for each plan year, the number of hours of service for all of Sponsor’s employees for each plan year and applicable eligibility computation and vesting computation periods, and any other information necessary or appropriate for Union Bank to perform its services under this Agreement. Unless applicable law provides otherwise, Sponsor is solely responsible for collecting, remitting and administering all contributions to the Plan (and loan payments, when applicable) and the timely deposit of such contributions to the Plan and Trust. The Sponsor shall comply with any Plan provision, applicable law or regulation that requires the timely remittance to the Plan's Trust of the employee contribution amounts (and loan payments) withheld from wages when segregated from the employer's general assets.

3.3 Responsibility for Plan Design, Funding and Operations. Sponsor shall have the sole responsibility for designing, funding, and operating the Plan in compliance with all applicable laws and regulations, and unless otherwise provided herein, Sponsor shall have sole responsibility for selecting service providers for the Plan and monitoring the performance of such service providers. Sponsor’s responsibilities under this Section 3.3 shall include providing to Union Bank all administrative forms or documents necessary or appropriate to administer the Plan; provided, however, to the extent Union Bank has provided any such administrative forms or documents for use by the Plan, Sponsor has had a chance to review such forms and documents, and hereby approves their use unless Sponsor has provided written notice to the contrary.

3.4 Individually-Designed Plan. If the Plan is an individually-designed plan, Sponsor shall be responsible for providing to Union Bank a Plan document, as well as all the administrative forms and documents necessary to administer the Plan (including, but not limited to, QDRO procedures and distribution-related forms). Notwithstanding anything to the contrary, Sponsor shall be responsible for ensuring the Plan document complies with the form requirements of the Code at all times, and Sponsor shall be further responsible for obtaining a determination letter for the Plan.

3.5 Reporting and Disclosure Requirements. Sponsor shall be solely responsible for communicating and disclosing to Plan Participants any and all information regarding the Plan as required under applicable law. Except as otherwise provided herein, Sponsor shall be responsible for complying with all legal requirements applicable to the Plan and shall be solely responsible for satisfying any and all other reporting, notice, disclosure, and filing requirements imposed under applicable federal or state law, and all withholding, deposit and reporting requirements of federal, state and local tax laws applicable to the payment of Plan benefits except as otherwise provided in this Agreement.

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3.6 Tax Qualification of Plan and Compliance with Laws. Sponsor shall be solely responsible for ensuring the Plan meets the requirements of Section 401(a) of the Code, and any other applicable sections of the Code. Sponsor shall be solely responsible and liable for any and all claims, taxes, and penalties resulting from the failure of Sponsor to administer the Plan in accordance with applicable laws and regulations. Sponsor agrees during and after the term of this Agreement to hold Union Bank harmless from, and indemnify Union Bank against any and all claims, losses, taxes, penalties and expenses, including attorneys' fees that may be incurred by, imposed upon or asserted against Union Bank and arising out of Sponsor's fiduciary and administrative duties with respect to the Plan except to the extent due to the grossly negligent acts or omissions of Union Bank in fulfilling its duties under this Agreement.

3.7 Delays Caused by Sponsor. Sponsor shall be responsible for any delay in the performance of services hereunder caused by the failure of Sponsor to furnish or verify any information required for the services to be performed by Union Bank.

3.8 Initial Set-Up and Transition of Services. Sponsor shall direct and ensure that the prior recordkeeper for the Plan (if the Plan is not a newly-established plan), if applicable, provides complete and accurate account, Participant, employee, and asset data to Union Bank on a timely basis.

3.9 Specific Information to be Furnished by Sponsor. In providing the information and records necessary for Union Bank's services hereunder, Sponsor shall:

- provide employer and employee contribution data in such format and data transmission mode and as frequently as may be required by Union Bank;
- provide new Participant information in a format required by Union Bank at least two weeks prior to such Participant's entry date into the Plan;
- provide updated employee data, including service records, compensation records, termination dates, birth dates, address information, and hire and rehire dates for all of Sponsor's employees, and any other information necessary or appropriate for Union Bank to provide services hereunder, in a format required by Union Bank and as frequently as may be required by Union Bank;
- provide data for the compliance testing to be performed by Union Bank in a format required by Union Bank in a timely manner as required by Union Bank; and
- answer all specific legal or tax questions concerning the Plan.

Sponsor shall promptly notify Union Bank as to an address change for any employee, Plan Participant, beneficiary, or alternate payee.

3.10 Plan Policies and Procedures. Unless otherwise provided herein, Sponsor shall be responsible for implementing all policies and procedures in connection with the Plan, including, but not limited to, qualified domestic relations order (QDRO) procedures; investment policy statement, salary reduction agreement policy, loan policy, lost participant policy, forfeiture policy, and any other policies and procedures that may be adopted under the Plan ("policies and procedures"). Union Bank may provide Sponsor with draft policies and procedures, and it shall be Sponsor's responsibility to review and approve such draft policies and procedures. If Sponsor does not notify Union Bank in writing within thirty (30) days of its objection to one or more policies and procedures, Sponsor shall be deemed to have approved and directed Union Bank to follow such policies and procedures in performing its services under this Agreement.

4. FEES

4.1 Responsibility for Fees. In consideration of the services to be provided pursuant to this Agreement, Sponsor shall pay to Union Bank the fees set forth in Exhibit B. Unless Sponsor and Union Bank agree otherwise, fees will accrue on a monthly basis, and Sponsor will be billed on a quarterly basis, and such fees shall be due and payable within thirty (30) days after the billing statement date. Sponsor shall notify Union Bank whether Sponsor will pay such fees and expenses, or whether such fees and expenses will be billed to the Plan. Notwithstanding the foregoing, Union Bank's fees may be paid out of the assets of the Trust to the extent allowed by the Plan and applicable law if: (a) Sponsor directs that such fees be paid out of the assets of the Trust; or (b) Sponsor does not timely pay such fees. Sponsor, and not Union Bank, will be solely responsible for determining whether any expense (and the amount of such expense) is properly payable by the Plan under applicable law.

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4.2 Future Adjustments. Union Bank shall have the right to adjust its fees upon providing written notice at least thirty (30) days prior to the effective date of such adjustment, or at any other time if changes are made to this Agreement or any amendments made to the Plan, or any changes made to applicable law, which affect Union Bank's costs of services under this Agreement as determined solely at Union Bank's discretion. In the event of a fee adjustment made pursuant to this Section 4.2, Exhibit B shall be deemed to have been amended to incorporate such fee adjustment.

4.3 Third Party Expenses. Union Bank may charge Sponsor reasonable fees for the reproduction or return of Plan records requested by Sponsor or government agencies. Sponsor shall reimburse Union Bank for reasonable fees charged by others for information reasonably requested by Union Bank to perform its duties under this Agreement.

4.4 Taxes and Assessments. If, during the term of this Agreement, any tax (other than local, state or federal income taxes) or any other assessment, shall be imposed against Union Bank as a result of Union Bank performing its duties under this Agreement, Union Bank shall report the payment of such tax or assessment to Sponsor and Sponsor shall reimburse Union Bank for the same.

4.5 Fees for Additional Services and Reimbursement of Expenses. Nothing in this Section 4 shall prohibit Union Bank from performing any service not set forth in this Agreement for a reasonable fee; provided, however, any such service may be provided, and any such corresponding fee may be paid, only if agreed to by the parties in advance of performing such service; provided, further, Union Bank reserves the right to be reimbursed by Sponsor for out-of-pocket expenses incurred by Union Bank in connection with providing shareholder communications and proxy materials services.

4.6 Right of Union Bank to Suspend Performance. If Sponsor, for any reason whatsoever, fails to make a required payment of fees on a timely basis, Union Bank may deduct such fees from the Trust, if permitted under the Plan and applicable law, or suspend the performance of its services under the Agreement until such time as Sponsor makes the proper remittance; provided, however, if Union Bank decides to suspend the performance of such services, Union Bank shall provide Sponsor with timely written notice of Union Bank's intent to suspend the performance of such services.

4.7 Fees Received by Third Parties. Unless prohibited under the Plan or applicable law, nothing in this Agreement shall prohibit Union Bank from receiving reasonable fees or compensation from any person directly or indirectly in connection with the services provided to the Plan, Participants, or Sponsor in connection with the Plan. The Sponsor acknowledges and agrees that the fees or compensation that Union Bank may receive from certain mutual funds that are selected as DIAs shall be considered compensation to Union Bank for its services that is in addition to the fees charged directly by Union Bank for its services.

5. TERM AND TERMINATION

5.1 Initial Term and Renewal. This Agreement shall have an initial term of one (1) year and shall continue thereafter until terminated pursuant to Sections 5.2 and 5.3 of this Agreement.

5.2 Early Termination Upon Notice by Either Party. This Agreement may be terminated by either party for any reason upon sixty (60) days prior written notice to the other party.

5.3 Early Termination by Union Bank. This Agreement shall at the option of Union Bank terminate, or otherwise be suspended, effective immediately upon written notice to Sponsor, if:

A. Sponsor fails to pay fees within thirty (30) days of their due date;

B. Sponsor becomes insolvent or files for bankruptcy protection;

C. Sponsor fails to promptly deliver any required forms or information needed for Union Bank to properly perform its duties under this Agreement;

D. there is a merger, sale, acquisition, or consolidation involving Sponsor or the Plan, unless Union Bank consents to continue services under this Agreement with the successor Sponsor in advance of such event;

E. Sponsor or other Plan fiduciaries takes any action deemed by Union Bank to violate applicable federal or state law; or

F. any law or regulation is enacted that makes this Agreement illegal or impossible to perform.

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5.4 Duties after Termination. Upon termination of this Agreement, Union Bank shall perform services hereunder through the termination date. Union Bank shall deliver, within sixty (60) days of the last service required under the Agreement, to Sponsor a complete and final accounting and report of its recordkeeping for the Plan, together with all books and records in its possession with respect to the Plan, all accounts, and all reports and other papers pertaining to the Plan. Union Bank retains the right to keep copies of all documents as may be required for audit purposes or as required by the Federal Deposit Insurance Corporation, state banking authorities, the IRS, or any other applicable regulatory authority.

5.5 Transition Services. Upon termination of this Agreement, Union Bank shall provide reasonable assistance in transferring Plan records and related information to any successor administrator, fiduciary, or other person designated by Sponsor. Sponsor shall be responsible for reimbursing Union Bank for any direct costs that are incurred in transferring Plan records and related information to the successor administrator, fiduciary, or other person designated by the Sponsor.

5.6 Survival of Obligations. Union Bank's and Sponsor's respective obligations under the Agreement which may, by their nature, continue beyond the termination of this Agreement (including the indemnifications and limitations of liability under Section 6) shall survive any termination of this Agreement.

6. INDEMNIFICATION AND LIABILITY LIMITATIONS

6.1 Limitation of Liability. Except as specifically provided in this Agreement, Union Bank shall not be liable to Sponsor, its agents, Plan Participants, or any other person whatsoever for any acts or omissions, with the exception of its gross negligence or willful misconduct relating to the services provided by Union Bank pursuant to this Agreement. Unless otherwise provided under applicable law, Union Bank shall not be responsible or liable for any acts or omissions made pursuant to any Plan Participant's use, or any other person's use, of the internet, other electronic system, or telephonic voice response system, made available by Union Bank under this Agreement except for its grossly negligent or willful acts or omissions. Union Bank shall not be liable for damages resulting from an interruption of any service or delayed or defective performance of services arising from war, natural disasters, acts of terrorism, loss of utilities, government restrictions, trading halts or trading exchange conditions, or any other cause beyond Union Bank's reasonable control.

6.2 No Liability for Following Sponsor's or Participant's Directions. Union Bank shall not be responsible or liable for any acts or omissions made pursuant to any direction, consent, or other request reasonably believed by Union Bank to be: (a) genuine; and (b) from an authorized representative of Sponsor or, with respect to Participant investment directions, the Participant (or an authorized representative of the Participant). Union Bank shall not be responsible or liable for any acts or omissions made in reliance on erroneous data provided by Sponsor or any other person or the failure of Sponsor to perform its obligations under this Agreement. Union Bank shall not be responsible or liable for any acts or omissions made by any person, selected by Sponsor or any Participant, providing services to the Plan or Participant, or for following the investment directions provided by a Participant (or the Participant’s agent or designee) in a Participant-Directed Plan.

6.3 No Liability for Acts of Prior Administrator. Union Bank shall not be responsible or have any liability for any acts or omissions of any previous recordkeeper, third party administrator, fiduciary, or any other service provider for the Plan, or for any acts taken by Union Bank in reliance upon or on the basis of any records or information prepared by a previous recordkeeper, third party administrator, fiduciary, or any other such service provider.

6.4 Indemnification of Union Bank by Sponsor. In addition to and not in limitation of the specific indemnification obligations of Sponsor provided elsewhere in this Agreement, Sponsor agrees to indemnify and hold harmless Union Bank, its officers, directors, agents and employees, from and against any and all claims, damages, losses, liabilities, taxes, penalties, fines and expenses, including court costs and reasonable attorneys' fees, arising out of or in any way connected to any act done or omitted to be done by Union Bank with respect to carrying out its responsibilities under this Agreement, except as to those matters as to which Union Bank is finally adjudged to be guilty of gross negligence or willful misconduct. Such indemnification by Sponsor shall include, but shall not be limited to, any and all actual or threatened claims, suits, proceedings, or causes of action against Union Bank by any Plan Participant or beneficiary, or any other person.

6.5 Indemnification of Sponsor by Union Bank. Union Bank shall indemnify and hold harmless Sponsor, its agents and employees from and against any and all claims, damages, losses, liabilities, penalties, fines and expenses, including court costs and reasonable attorneys' fees, arising out of or in any way connected with the grossly negligent or willful acts that occur in Union Bank's performance of its services under this Agreement. Under no circumstances will either party to this Agreement have any obligation to indemnify the other party for any special, consequential, punitive or indirect damages or losses.

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6.6 Survival of Indemnification Provisions. Each party's obligation under this Agreement to indemnify and hold harmless the other party from certain claims, damages, losses, liabilities, penalties, taxes, fines and expenses shall survive the termination of this Agreement.

6.7 No Special Damages. TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL UNION BANK OR ANY OF ITS OFFICERS, DIRECTORS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES OR LOSSES ARISING FROM THIS AGREEMENT, OR THE PERFORMANCE OR NONPERFORMANCE OF SERVICES UNDER THIS AGREEMENT.

7. DESIGNATION OF REPRESENTATIVES

7.1 Authorized Representatives. Sponsor shall designate in Exhibit C the initial authorized representative(s) to sign documents, communicate information and provide instructions and directions concerning the Plan to Union Bank, and shall update, as needed, such designation as set forth in Exhibit C. Such authorization shall remain in effect until Union Bank has received written notification to the contrary. Union Bank shall be entitled to rely and act upon any instructions received from such authorized persons that Union Bank reasonably believes to be so authorized to provide such instructions and shall have no duty to inquire or question the accuracy or completeness of any data or instructions provided to it.

8. MISCELLANEOUS

8.1 Amendment. Except as otherwise provided herein, this Agreement may be amended by Sponsor and Union Bank at any time by written agreement by both parties.

8.2 Lost Participants and Participant Addresses. Sponsor acknowledges it is solely responsible for: (a) locating missing or lost Participants in accordance with the Plan, any policy adopted thereunder, and applicable law; and (b) maintaining current Participant contact information (e.g., address, phone number, and email address).

8.3 Litigation Proceeds. The parties understand that from time to time the Plan may receive a settlement amount as a result of class action litigation involving one or more investments held by the Plan. In the event that Union Bank receives a settlement amount, unless Sponsor provides written direction to Union Bank to the contrary, Sponsor hereby directs Union Bank to allocate the settlement amount as follows: (a) If the Plan is a defined benefit plan, and Union Bank is not a discretionary Trustee or discretionary investment manager with respect to the assets in the defined benefit plan, Union Bank is directed to allocate the settlement amount as earnings, or as directed by the responsible fiduciary; (b) If the Plan is a defined contribution plan, the settlement amount relates to investments held in a pooled account under the Plan, Union Bank is directed to allocate the settlement amount as earnings; and (c) if the Plan is a defined contribution plan, and the settlement amount relates to investments held within a Participant's brokerage, or similar, account under the Plan, in the event Union Bank is not a discretionary Trustee or discretionary investment manager with respect to the brokerage (or similar) account, Union Bank is directed to allocate the settlement amount as earnings and purchase money market shares (or shares in a similar fund designed preserve capital) within the Participant's account.

8.4 Union Bank not a Plan Administrator. In no event shall Union Bank or its agents or employees be deemed the Administrator of the Plan for purposes of any applicable law affecting or regulating the Plan.

8.5 No Legal or Tax Services. In executing this Agreement, Sponsor acknowledges that Union Bank does not provide, and is not providing, the services of any attorneys, actuaries, accountants, or analysts for Sponsor or the Plan, nor does Union Bank provide legal advice or tax advice to Sponsor, Plan, any Plan Participant or beneficiary by reason of its services under this Agreement. Sponsor agrees to seek the advice of its own legal and/or tax adviser as to all matters that might arise relating to the Plan, including, without limitation, the operations and administration of the Plan and the compliance of the Plan with applicable law, including the Code.

8.6 Capturing Rollovers. Sponsor hereby grants permission to Union Bank (or any affiliate of Union Bank) to contact Plan Participants and to educate them (and not to provide advice) about their distribution options under the Plan, including the option of rolling over a distribution to an Individual Retirement Account ("IRA") or a Roth IRA established at Union Bank (or at an affiliate of Union Bank), and making them aware of other Union Bank services.

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8.7 Union Bank not a Plan Fiduciary. Except as otherwise provided in Section 1, or in a separate writing, Union Bank or its agents or employees shall not by reason of this Agreement or the services provided hereunder be deemed a fiduciary of the Plan under applicable law, or be classified as a fiduciary for the purposes of any applicable law affecting or regulating the Plan; provided, however, should a court, or other adjudicating authority, determine that Union Bank is liable in any respect to the Plan or any person as a fiduciary, Sponsor, through the use of its assets and not Plan Assets, shall indemnify and hold harmless Union Bank and its agents and employees from and against all legal responsibilities and liability as a fiduciary of the Plan except to the extent that such liability may be due to Union Bank's willful breach of fiduciary duty.

8.8 No Authority to Control, Manage or Dispose of Plan Assets. Except as otherwise provided in writing to the contrary, Sponsor and/or Trustee shall have absolute authority with respect to the control, management, disposition and utilization of Plan Assets, and Union Bank shall not have, nor be deemed to exercise, any discretion, control, or authority with respect to the control, management, disposition, or utilization of Plan Assets; provided, however, should a court, or other adjudicating authority, determine that Union Bank is liable in any respect to the Plan or any person because of any control or authority with respect to Plan Assets, Sponsor, through the use of its assets and not Plan Assets, shall indemnify and hold harmless Union Bank and its agents and employees from and against liability connected with or predicated on such control or authority of the Plan Assets.

8.9 Responsibility for Other Expenses. Sponsor shall be responsible for all expenses incident to the operation of the Plan unless such expenses are the responsibility of Union Bank in performing the services provided under this Agreement.

8.10 Subpoenas and Court Orders. Union Bank will comply with all subpoenas or court orders properly served upon it which have not been quashed, dismissed, rescinded, withdrawn or stayed; provided, however, Union Bank shall immediately notify Sponsor of the service of any such subpoena or order and give Sponsor the opportunity to contest or resist the subpoena or order. Sponsor shall reimburse Union Bank for all costs and expenses incurred with respect to complying with such subpoenas and court orders. Sponsor shall bear all responsibility for resisting or contesting any court or governmental agency order concerning Plan records in the possession of Union Bank.

8.11 Instructions to Union Bank. Sponsor hereby authorizes Union Bank to act on the written instructions of Sponsor (or its designee), or on instructions provided by Sponsor in the form of facsimile transmission, by e-mail, by telephone, or any other method, electronic or otherwise, acceptable to Union Bank. To the extent such instructions are submitted to Union Bank in the form of facsimile or e-mail or telephone, Sponsor hereby directs Union Bank to act on such instructions notwithstanding the fact that such instructions do not bear an original authorized signature, provided the instructions acted upon: (a) appear to be given by a person authorized to give binding instructions to Union Bank in the case of instructions provided by facsimile or telephone; (b) appear to have been sent from the computer of a person authorized to give binding instructions to Union Bank in the case of instructions provided by e-mail; and are consistent with the established authority of such person. Sponsor acknowledges that information sent via e-mail may be less confidential than information sent by other methods. Union Bank shall not be liable for any loss of the confidentiality of information sent by e-mail prior to its reception. Sponsor acknowledges that there are encryption methods available for the confidential transmission of data by e-mail, and its failure to encrypt such e-mail transmissions evidences Sponsor’s acceptance of the potential loss of confidentiality of such e-mail transmitted data.

The authorization provided in this Section 8.11 shall continue in effect until revoked or amended in writing (or via facsimile or e-mail). To the extent Union Bank acts within the scope of this authorization, Sponsor expressly releases Union Bank from and indemnifies Union Bank against any liability that may directly or indirectly arise as a result of Union Bank’s action or inaction based on the facsimile, email, telephonic, or electronic instruction.

8.12 Online Administration/Telephone and Electronic Directions by Participants. To the extent permitted under applicable law, the Plan, and in accordance with Union Bank’s practices, unless Union Bank agrees otherwise, Sponsor hereby authorizes and directs Union Bank to process elections submitted by Plan Participants to Union Bank via Union Bank’s website, voice response unit, or by live telephone call with a Union Bank representative with respect to: (a) enrolling in the Plan; (b) submitting deferral elections and after-tax employee contributions (and modifications thereto); (c) making beneficiary designations; (d) making investment elections or investment transfers with respect to their Plan accounts; (e) requesting and initiating a loan; (f) requesting distributions including hardship and in-service distributions; and (g) any other elections permitted under the Plan and applicable law (collectively referred to as “Electronic Elections”). All such Electronic Elections shall be made in accordance with applicable law, the provisions of the Plan, and any policies adopted by Sponsor and Union Bank. Sponsor directs Union Bank to process such Electronic Elections pursuant to this Section 8.12 without further approval from Sponsor.

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Sponsor hereby further directs Union Bank to act upon such telephone or electronic instructions without questioning the authenticity of such direction other than as provided herein. A Participant may be required to provide Union Bank with his/her name, Plan name, Social Security Number, personal identification number, and any other information Union Bank deems necessary or appropriate. For security purposes, Union Bank shall have the right to require a Participant to respond to additional questions (e.g., date of birth, date of hire, or other "challenge" questions) before being able to access his/her account. Only authorized representatives of Sponsor and the Participant shall have access to such Participant's account.

Some services provided by Union Bank may require oral, telephone, electronic or written instructions or information provided by the Participant and/or the Participant's spouse. Instructions or other information provided to Union Bank under a signature which purports to be that of the Participant or provided with a personal identification number or other identifying information used to verify that the transmission originated from the Participant shall be deemed to be complete, accurate, authentic and timely. Union Bank shall act in accordance with such instructions or information and shall have no duty to inquire into their completeness, accuracy, authenticity or timeliness.

Union Bank shall not be responsible for, and makes no warranties regarding access, speed or availability of Electronic Elections, or any other service required for electronic communication, nor does Union Bank make any warranties, express or implied, and disclaims all warranties of merchantability, fitness for a particular purpose and non-infringement. Sponsor shall indemnify, and hold harmless Union Bank (including its employees, representatives and agents) from and against any liability, loss or expenses (including reasonable attorneys' fees and court costs) incurred by Union Bank in connection with providing information or processing transactions in accordance with the directions of a Participant (or designee) via written, telephone, internet or other means approved by Sponsor for use with the Plan.

8.13 Subcontractors of Union Bank. Union Bank may contract with other subcontractors to perform services under this Agreement. However, Union Bank will be responsible for those services to the same extent that it would have been responsible had Union Bank performed those services directly hereunder.

8.14 Force Majeure. Neither Union Bank nor Sponsor shall be liable for any loss or expense resulting from a failure to fulfill or for delay in fulfilling its responsibilities under this Agreement where such failure or delay arises from any occurrence commonly known as force majeure, including, but not limited to, fire, flood, acts of God, war, riot, failures of any telephone or wireless network, strikes or other acts of workmen, accidents, acts of terrorism, revolution or any other events or circumstances beyond the reasonable control of the party affected by the occurrence.

8.15 Records are Property of Sponsor. All records sent to Union Bank by Sponsor (or its agents) will remain the property of Sponsor. Plan records in Union Bank's possession will be returned by Union Bank to Sponsor or its designee in the event of termination of this Agreement or otherwise upon the written instructions of Sponsor. This provision shall not preclude Union Bank from retaining copies of Plan records that it may reasonably need or that it may be required by law to retain or from destroying records that it has held for more than seven years (or longer or shorter depending on applicable law) following such termination of this Agreement.

8.16 Inspection of Plan Records by Sponsor. Union Bank agrees that, upon reasonable notice, it shall provide Sponsor the information and records that Sponsor may reasonably require that are maintained by Union Bank in order for Sponsor or its designee to perform audits of such records, to process any Participant claim or to perform any other function necessary for the operation of the Plan.

8.17 Confidentiality/Security. Union Bank and Sponsor agree to treat as confidential and use only in connection with this Agreement all Plan data, records and information ("confidential information") regarding the recordkeeping and trust systems, including computer programs and software, reports and other documents, which are furnished to the other under this Agreement, and the parties agree to comply with applicable law in connection with the use of such confidential information. Union Bank and Sponsor shall protect the security of such confidential information and shall not disclose such confidential information to third parties except as required by law or when requested to do so by the other; provided, however, that Union Bank may disclose such confidential information to its agents in the course of performing its duties under this Agreement. Sponsor furthermore agrees to comply with any confidentiality or security requirements as may be established from time to time by Union Bank. Union Bank is entitled to presume that, unless notified to the contrary by the Sponsor, all actions necessary to ensure compliance with applicable data protection laws have been satisfied with respect to the information and data furnished to Union Bank.

Union Bank agrees that all Plan information and data, including instructions from Sponsor, provided to Union Bank by Sponsor (or its agent) are the confidential information of Sponsor or the Plan. Union Bank agrees not to disclose such confidential information to third parties except: (a) to its affiliates or agents for the purpose of providing services to the Plan;

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(b) in any administrative or judicial forum involving a dispute under this Agreement; (c) as may be required by law or by order of any government agency, regulatory body or court of competent jurisdiction for purposes other than those specified in the Agreement without the prior consent of Sponsor; (d) that non-participant specific information may be provided to support industry surveys; or (e) for the limited purpose of collecting satisfaction surveys from Sponsor and/or Plan Participants from time to time.

In the event either party discovers any unauthorized acquisition, access, use or disclosure (collectively, a "Security Breach") of Confidential Information, the party suffering such Security Breach shall notify the other party of such Security Breach in writing or email promptly, but in no event more than two business days after the discovery of such Security Breach. Such notification shall identify: (a) the nature of the Security Breach; (b) the Confidential Information subject to the Security Breach; (c) what action has been taken or will be taken to mitigate the impact of the Security Breach; (d) what action has been taken or will be taken to prevent a future similar Security Breach; and (e) any other information as reasonably requested by the other party.

Union Bank agrees to maintain the following cyber liability insurance coverage so long as it has access to Confidential Information: Cyber liability insurance providing coverage that may include cyber incident response costs (legal & regulatory, IT security forensic, crisis communication, privacy breach management); rectification costs; system business interruption, network security and privacy liability, regulatory proceedings, and media liability with a minimum aggregate limit of liability of $5,000,000 (or lower amount as mutually agreed upon by the parties) with lower sub-limits of liability depending on the nature of the claim as mutually agreed upon by the parties.

Each year upon the request of the Sponsor, Union Bank shall provide Sponsor with a copy of the review performed by Union Bank's external auditors under the "Statement of Standards for Attestation Engagements Number 18, Attestation Standards: Clarification and Recodification" of the American Institute of Certified Public Accountants (SSAE18), including any System and Organization Controls reports (SOC 1, SOC 2, or SOC 3 Reports), or any new or replacement standard or protocol established by the American Institute of Certified Public Accountants. The parties agree that such reviews and reports shall be treated as Confidential Information hereunder.

8.18 Recording of Telephone Conversations. Sponsor authorizes Union Bank to monitor and/or record telephone conversations between Union Bank's representatives and Plan participants for training, quality assurance, documentation, and other purposes in connection with providing services to the Plan. Union Bank shall inform a Plan Participant in the event that a telephone conversation is being monitored or recorded, and Union Bank shall comply with all applicable laws in connection with such monitoring and recording.

8.19 Customer Identification Program – Important Information About Procedures for Opening New Account – Non-ERISA Accounts Only. Applicable to non-ERISA accounts only, to help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify, and record information that identifies each person who opens an account. What this means for you: When you open an account, we will ask for your name, address, date of birth, and other information that will allow us to identify you; we may also ask to see your driver's license or other identifying documents.

8.20 Financial Privacy Notice. The parties acknowledge that Union Bank has provided to Sponsor the Financial Privacy Notice (which is attached hereto as Exhibit E and by this reference incorporated herein) required by Federal law.

8.21 Governing Law. This Agreement shall be construed and enforced according to the laws of the State of Nebraska except to the limited extent that the Agreement may be preempted by applicable law.

8.22 Notices. All notices under this Agreement shall be in writing (or any electronic media to the extent permitted under applicable law and acceptable to Union Bank) and shall be given to the party entitled thereto by personal service, or by United States mail, to the last known address of said party. Notices to Union Bank shall be sufficient if sent to:

Union Bank & Trust Company
Attn: Retirement Plan Services
6811 S. 27th Street
P.O. Box 82535
Lincoln, NE 68501-2535

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8.23 Entire Agreement and Severability. Except as otherwise provided in the Plan's Trust Agreement, Sponsor acknowledges that there are no agreements or understandings, written or oral, between itself and Union Bank with respect to services which are to be rendered by Union Bank, other than as set forth herein or in such additional written agreements authorized hereunder. In any case where any one or more of the provisions of this Agreement shall, for any reason, be held to be illegal or invalid, such illegality or invalidity shall not affect any other provisions of this Agreement.

8.24 No Third-Party Beneficiaries. Nothing in this Agreement is intended or shall be construed to confer upon any person (other than the Sponsor, Plan Administrator and Union Bank) any rights, benefits or remedies of any kind or character whatsoever, and no person will be deemed a third-party beneficiary of or under this Agreement.

8.25 Binding Effect. This Agreement shall be binding upon all the parties hereto, their heirs, successors, assigns, and legal representatives forever.

8.26 Counterparts. This Agreement may be executed in any number of counterparts with the same effect as if all of the Parties had signed the same document. All counterparts shall be construed together and shall constitute one agreement.

IN WITNESS WHEREOF, Sponsor and Union Bank have caused this Agreement to be executed this _____ day of _____, 20____, to be effective **July 1, 2023**.

City of Crete, Nebraska	Union Bank & Trust Company
Sponsor	
By: _____	By: _____
Its: Clerk-Treasurer	Its: _____

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EXHIBIT A

A. Ministerial Recordkeeping Services

To the extent applicable in connection with the Plan, Sponsor hereby directs Union Bank to:

- maintain individual Participant account information that may be provided from time to time by Sponsor. To the extent applicable, such information shall include, but will not be limited to, each Participant's name, Social Security Number or taxpayer identification number, date of hire and rehire, number of hours worked in the plan year (or other computation period), date of birth and date of Plan participation, and date of termination of employment and address information.

- maintain records to determine an employee's eligibility to participate in the Plan in accordance with the Plan's provisions and based on employee data provided to Union Bank by Sponsor; provide to Sponsor, in electronic form or otherwise, services and materials to facilitate employee enrollment, contribution elections and investment directions.

- maintain records to determine an employee's vesting service under the Plan in accordance with the Plan's provisions and based on employee data provided to Union Bank by Sponsor.

- record relevant employee data including compensation (as defined by the Plan) as reported to Union Bank by Sponsor, contributions, rollovers and transfers, distributions, payroll information and investment transactions.

- allocate Plan investment gains or losses and forfeitures in accordance with Plan provisions.

- allocate Employer contributions in accordance with Plan provisions.

- allocate Participant contributions, including to the extent applicable, pre-tax elective deferrals, Roth deferrals, after-tax employee contributions, and rollover contributions, in accordance with the Plan provisions.

- prepare a summary allocation report annually for all Plan Participant accounts. Such report will include each Participant's total account balance; the vested amount of each such total account balance; the vested percentage of each total account balance; the allocation of contributions and forfeitures and Plan gain or loss; fund transfers and any distributions made to or on behalf of each such Plan Participant.

- process changes to investment allocations (in a Participant-Directed Plan) as directed by Participants.

- prepare, on behalf of the Plan Administrator, for each Participant in the Plan, a Participant benefit statement as frequently as required under applicable law.

- make distributions (including in service distributions, hardship distributions, and required minimum distributions to the extent applicable under the Plan) and disbursements (including disbursement of loan proceeds), pursuant to the terms of the Plan document, to any Participant who is entitled to such distribution or disbursement. Sponsor agrees that all distributions and disbursements made from the Plan shall be deemed to be made at the direction of Sponsor and Plan Administrator (as defined in the Plan). Distributions and disbursements will be made within an administratively practicable period of time following the date Union Bank receives executed distribution or disbursement forms (including completion of online or other electronic elections). Union Bank will withhold applicable federal and Nebraska and Kansas state income tax withholding and remit such withholding on behalf of the Plan and Plan Administrator to the appropriate governmental entities. Union Bank will prepare and file an IRS Form 1099-R with respect to such distributions and disbursements to the extent required by law.

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B. Additional Administrative Services

To the extent applicable in connection with the Plan, Sponsor hereby directs Union Bank to:

- provide Participants access to an interactive voice response system and the internet for investment transfers, account balance realignments, investment elections and changes thereto, and deferral elections and changes thereto, and any other Participant elections agreed upon by Union Bank.

- provide Participants access to their Plan accounts via the world wide web and any other technology as such technology becomes available, and as allowed by law, regulation and Union Bank's policies and procedures.

- provide Participants access to a Union Bank representative via telephone for inquiries regarding their individual Plan accounts.

- Provide Sponsor access to individual Participant accounts (and provide Participants with the ability to perform certain Plan transactions) via the world wide web and any other technology as such technology becomes available, and as allowed by law, regulation and Union Bank's policies and procedures; provided, however, Sponsor agrees and acknowledges that Union Bank shall not be liable for any action taken by Sponsor, or its employees or agents, in connection with making changes to a Participant's account through electronic or other means.

- provide to Sponsor, and to make available to Participants, in electronic form or otherwise, enrollment, distribution, loan-related, termination of employment forms, and any other forms necessary or appropriate to administer the Plan except to the extent Sponsor provides such forms. Sponsor acknowledges that it has had the opportunity to review such forms and documents, and unless Sponsor notifies Union Bank in writing to the contrary, Sponsor hereby directs Union Bank to use such forms in performing its services under this Agreement.

- to the extent applicable under the Plan, process loans with respect to amounts borrowed from a Participant's individual Plan account in accordance with the Plan document, and the Plan's loan policy. Union Bank will prepare and file IRS Form 1099-R or such other forms as may be required under applicable law for the reporting of distributions that Sponsor directs Union Bank to make in connection with the failure of a Participant to repay a loan as required, provided that Sponsor provides Union Bank with all information Union Bank may need to prepare the reports of distributions.

- review any domestic relations order received by the Plan and notify the Plan Administrator of the results of such review; provided, however, Sponsor acknowledges that the Plan Administrator is solely responsible for determining whether a domestic relations order constitutes a qualified domestic relations order ("QDRO") within the meaning of the Code and for otherwise complying with the QDRO requirements set forth in the Code.

C. Education Services

Sponsor hereby directs Union Bank to (select as appropriate):

☒ deliver to Sponsor Plan enrollment materials, and information regarding the investments available under the Plan; provided, however, after approving such information, Sponsor will be responsible for providing such information to Participants.

☒ conduct employee education meetings as mutually agreeable to Sponsor and Union Bank.

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D. Compliance Services

Unless Sponsor has notified Union Bank to the contrary, Sponsor hereby directs Union Bank to perform the following compliance services to the extent applicable to the Plan:

- conduct, on an annual basis, coverage testing under Code Section 410(b)(1) based on information provided by Sponsor, and to report to Sponsor the results of such testing.
- conduct, on an annual basis, nondiscrimination testing under Code Section 401(a)(4) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the "annual additions test" set forth in Code Section 415(c) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the actual deferral percentage test set forth in Code Section 401(k) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the actual contribution percentage test set forth in Code Section 401(m) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, the deferral limitations test set forth in Code Section 401(a)(30) and catch-up amounts under Code Section 414(v) and to report to Sponsor the results of such testing.
- conduct, on an annual basis, top heavy testing set forth in Code Section 416 and to report to Sponsor the results of such testing.
- monitor, on an annual basis, required distributions as required by Code Section 401(a)(9).

E. Reporting, Disclosure, and Miscellaneous Services

Sponsor directs Union Bank to (select as appropriate):

☐ prepare, on an annual basis, IRS Form 5500, and timely deliver the same to Sponsor for signature and filing. Sponsor will be responsible for determining whether the Plan is responsible for filing IRS Form 5500, and whether an audit is required. Union Bank is authorized to file Form 5558 (Application for Extension of Time to File Certain Employee Plan Returns) on behalf of Plan unless directed by Sponsor/Plan Administrator to not file the extension. If Sponsor determines IRS Form 5500 must be filed, Union Bank will prepare such IRS Form 5500 and deliver the same to Sponsor for signature and filing. Sponsor shall engage the services of an independent auditor to prepare the audit report to the extent an audit report is required. If this box is checked, Sponsor also directs Union Bank to prepare the Summary Annual Report ("SAR") for the Plan; provided, however, notwithstanding anything to the contrary, Sponsor shall be responsible for delivering such SAR to participants as required by law.

☐ prepare, when required by applicable law, Form 8955-SSA and file, on behalf of the Plan Administrator, with the Internal Revenue Service.

☐ cooperate with Sponsor and any third-party responsible for preparing IRS Form 5500 and Form 8955-SSA.

☐ prepare a Plan document for review, approval, and execution by Sponsor; provided, however, it shall be Sponsor's responsibility to ensure such Plan document is qualified within the meaning of Code Section 401(a).

☐ provide Participants access to the Relius Administration Plan Participant Web module (the "Participant Website"), or similar program, to permit Participants to designate any beneficiary(ies) to whom Union Bank, in its capacity as Trustee or custodian, will pay all or any portion of the Participant's vested account balance under the Plan in the event of a Participant's death; provided, however, the parties understand that Sponsor shall retain the responsibility for maintaining participant beneficiary records under applicable law, and that Plan benefits shall be paid to a Participant's beneficiary(ies) only upon Sponsor's written approval and direction.

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☒ comply with any Durable Power of Attorney (or similar document) ("POA") as directed by Sponsor in connection with the administration of a Participant's account; provided, however, it shall be Sponsor's responsibility for reviewing such POA, accepting or denying such POA, and notifying Union Bank of the acceptance or denial of such POA.

In performing services under this Agreement, including the above-referenced Compliance Services, unless Sponsor expressly notifies Union Bank in writing to the contrary, Sponsor acknowledges and directs Union Bank to provide services under this Agreement with the understanding that Sponsor does not maintain any qualified plan (under Code Section 401(a)) other than the Plan, and that Sponsor is not a member of a controlled group of businesses nor a member of an affiliated service group within the meaning of the Internal Revenue Code. To the extent Sponsor notifies Union Bank in writing that Sponsor is a member of a controlled group of businesses or a member of an affiliated service group, Union Bank will perform the above-referenced Compliance Services on a controlled group basis or an affiliated service group basis as the case may be.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT B

COMPENSATION AND FEE SCHEDULE

City of Crete, Nebraska Police Officers Pension Plan

ANNUAL BASE FEE ..... **No Charge**

The Base Fee is due and payable on a quarterly basis (the quarterly fee will be calculated by dividing the Annual Base Fee by 4). If the Annual Base Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL ASSET-BASED FEE

Plan Assets for Entire City of Crete Relationships	Total Standard Rates
Initial $5,000,000	.60%
Balance of Account	.50%

This fee relates to trustee/custodial services, participant services and educational services, management reports to Sponsor, annual compliance testing, and reconciling trust assets to Participant allocation reports.

The Asset-Based Fee will be calculated for each month in a calendar year quarter by multiplying the Annual Asset-Based Fee rate by the market value of the Plan Assets (subject to the fee) as of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Asset-Based Fee will be due and payable each calendar year quarter. If the Asset-Based Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL INVESTMENT MANAGEMENT FIDUCIARY SERVICES FEE ..... **Not Applicable**

To the extent Union Bank will act as a fiduciary pursuant to Section 1.6.2, Union Bank will charge an Annual Investment Management Fiduciary Services Fee. This fee is in addition to the Annual Asset-Based Fee. The Investment Management Fiduciary Services Fee is calculated on a monthly basis, by multiplying the Annual Investment Management Fiduciary Services Fee rate by the market value of the Plan Assets (subject to the fee) of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Investment Management Fiduciary Services Fee will be due and payable each calendar quarter. If the Investment Management Fiduciary Services Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL INVESTMENT ADVICE FIDUCIARY SERVICES FEE ..... **Not Applicable**

To the extent Union Bank will act as a fiduciary pursuant to Section 1.6.3, Union Bank will charge an Annual Investment Advice Fiduciary Services Fee. This fee is in addition to the Annual Asset-Based Fee. The Investment Advice Fiduciary Services Fee is calculated on a monthly basis, by multiplying the Annual Investment Advice Fiduciary Services Fee rate by the market value of the Plan Assets (subject to the fee) of the last business day of the month divided by 12. The monthly fee amount calculated pursuant to the preceding sentence will be accrued for the calendar year quarter, and the Investment Advice Fiduciary Services Fee will be due and payable each calendar quarter. If the Investment Advice Fiduciary Services Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a pro rata basis.

ANNUAL BROKERAGE ACCOUNT FEE (PER ACCOUNT) ..... **Not Applicable**

The Annual Brokerage Account Fee relates to the establishment and maintenance of a brokerage account under the Plan. One-fourth of the Annual Brokerage Account Fee will be due and payable each calendar year quarter. If the Brokerage Account Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to those Participants who have a brokerage account under the Plan. Unless the parties have agreed otherwise in writing, Plan Assets held in a brokerage account will be subject to the Annual Asset-Based Fee in addition to the Annual Brokerage Account Fee.

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QUARTERLY PARTICIPANT RECORDKEEPING SERVICE FEE

To include Quarterly Participant Statements provided to Participants ..... **No Charge**

The Quarterly Participant Recordkeeping Service Fee will be billed on a quarterly basis by multiplying the Quarterly Participant Recordkeeping Service Fee by the number of individual accounts under the Plan as of the last business day of the quarter. The Quarterly Participant Recordkeeping Service Fee will be due and payable on a quarterly basis. If the Participant Recordkeeping Service Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a per capita basis.

FORM 5500 PREPARATION FEE ..... Not Applicable

The Form 5500 Preparation Fee is charged for the preparation of Form 5500, Annual Return/Report of Employee Benefit Plan and Summary Annual Report. The Form 5500 Preparation Fee is due and payable when the services are rendered. If the Form 5500 Preparation Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Participants on a per capita basis.

LOAN FEE

Initial Loan Processing Fee ..... **Not Applicable**

This fee is due and payable, at the time the loan is established, from the account of the Participant who initiated the loan, and will be deducted separately from the Participant's loan proceeds.

DISTRIBUTION FEES

Base Distribution Fee. **$60**
A $60 Base Distribution Fee will apply to any distribution made from the Plan.

Additional Wire Transfer Fee. **$35**
In addition to the Base Distribution Fee, a $35 Wire Transfer Fee will apply to any distribution made from the Plan via wire transfer. A Wire Transfer Fee will not be charged if the wire recipient bank is Union Bank.

Additional Overnight Mail Fee **$50**
In addition to the Base Distribution Fee, a $50 Overnight Mail Fee will apply to any distribution made from the Plan via overnight mail service.

Distributions to which Fees Apply. Unless otherwise provided, the Base Distribution Fee, Wire Transfer Fee, and Overnight Mail Fee will apply to any distribution made under the Plan (regardless of whether the distribution is made to a Participant, financial institution, or another employer-sponsored plan), including but not limited to hardship distributions, in-service distributions, rollover distributions, distributions made as a result of the Participant's termination of employment, distributions made as a result of the Plan's termination, required minimum distributions, installment distributions, partial distributions, and any distribution made to a beneficiary or alternate payee. For purposes of this "Distribution Fees" and "Small Account Balance Closing Fee" portions of this Exhibit B, "Participant" includes a beneficiary or alternate payee who receives a Plan distribution.

Recurring Distributions. If a Participant has elected to receive recurring distributions from the Plan, the Base Distribution Fee, and Wire Fee (if applicable) will apply to the first distribution but not to subsequent recurring distributions. The Overnight Mail Fee, if applicable, will apply to all recurring distributions. For these purposes, a recurring distribution means required minimum distributions, installment distributions, and partial distributions that are treated as recurring distributions.

Payment of Distribution Fee. Unless Sponsor has agreed otherwise in writing, Sponsor hereby directs that any applicable Base Distribution Fee, Wire Transfer Fee, and Overnight Mail Fee be deducted from the Participant's account before the distribution is made.

SMALL ACCOUNT BALANCE CLOSING FEE

If a Participant's, beneficiary's, or alternate payee's vested account balance is $60 or less at the time such Participant receives a distribution, Sponsor understands and agrees that the entire amount of such vested account balance will be paid to Union Bank as a Small Account Balance Closing Fee.

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QUALIFIED DOMESTIC RELATIONS ORDER (QDRO) FEE ..... $400 per QDRO

The QDRO Fee relates to the review of documentation and assistance with transfer of funds pursuant to a QDRO. Unless Sponsor pays the QDRO Fee or directs otherwise, one-half of the fee will be paid by the Participant, and one-half of the fee will be paid by the alternate payee (i.e., deducted from their accounts). The QDRO Fee will be due and payable at the time the alternate payee's account is established under the Plan.

FLOAT FEE

Union Bank earns a "Float Fee" at a money market rate of return. "Float" represents earnings Union Bank receives in two situations. The first situation is when Union Bank has received contributions from Sponsor. In this case, float may be earned between the time Union Bank receives such contributions from Sponsor and the time such contributions are invested under the Plan. The second situation is when Plan Assets are transferred from the Plan's trust/custodial account to a Union Bank general account when a distribution check is made payable to a Participant. In this case, float may be earned between the time such Plan Assets are transferred to a Union Bank general account and the time the distribution check is cleared from the bank on which it is drawn (the "Float Period").

FLOAT DISCLOSURE

In signing this Agreement, Sponsor is agreeing that Union Bank will receive, as additional compensation, for services, any earnings (i.e., "float") on Plan Assets received by Union Bank and held in a general account of Union Bank before such Plan Assets are invested or otherwise disbursed from the Plan. Uninvested funds are not segregated from other general Union Bank accounts, so attributing an exact earnings or interest factor applicable to the Plan's uninvested funds is not possible. Earnings on the float depends on numerous factors such as current interest rates, Federal Funds rates, and the duration of the particular debt instrument.

Float on Plan Assets Awaiting Investment. If Union Bank receives contributions or loan payments by preauthorized Automated Clearing House ("ACH") debit to Sponsor's bank account, such contributions will generally be invested by the close of business on the business day following Union Bank's receipt of such contributions and corresponding investment instructions.

If Union Bank receives contributions or loan payments by wire transfer or check, such contributions will generally be invested by the second business day following Union Bank's receipt of such contributions and corresponding investment instructions.

Float earnings will accrue to Union Bank on funds received for investment from the date of deposit with Union Bank until the date the monies are disbursed (generally by wire transfer) in settlement of investment purchases.

Distributions. If Union Bank receives a distribution request in the form of a check, the Float Period begins on the date the check is written and ends on the date the check is cleared by the bank on which the check is drawn. Union Bank will generally issue checks from a general account by the close of business on the second business day following receipt of available funds and payment directions. A distribution check is typically mailed on the same day it is written.

CONSULTING/MISCELLANEOUS SERVICES FEE

Union Bank reserves the right to charge a special Consulting/Miscellaneous Services Fee if Sponsor requests that consulting or extraordinary services be provided. These fees can be charged for additional compliance testing, compliance testing projections, correction of failed compliance tests, assisting with Plan audits, consulting, reporting, disclosure, Plan corrections, or any other services not otherwise covered under this Agreement.

If Union Bank determines that such special consulting services or extraordinary services should be performed, Union Bank will notify Sponsor in advance as to the extent of such services and the fee for such services. This fee is due and payable by Sponsor upon completion of the special consulting services/extraordinary services. If the Consulting/Extraordinary Service Fee will be paid by the Plan, Sponsor will direct Union Bank as to how such fee will be charged to Plan Participants.

PLAN AMENDMENT FEE ..... No Charge

Union Bank does not charge a Plan Amendment Fee for preparing an amendment to its pre-approved plan document.

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PLAN RESTATEMENT FEE ..... **$1000-$1,500**

The Plan Restatement Fee relates to the preparation of a restatement of the plan document under Union Bank's pre-approved plan document in accordance with IRS procedures. This fee is due and payable at the time the restatement service is provided. If the Plan Restatement Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

PARTICIPANT FEE DISCLOSURE FEE ..... **$1-$10 Per Disclosure**

Union Bank reserves the right to charge a Participant Fee Disclosure Fee in the event Sponsor directs Union Bank to provide participant fee disclosure materials to Participants on behalf of Sponsor and Plan Administrator. Union Bank will notify Sponsor in advance as to the extent of such disclosure-related services and the fee for such services. This fee, if applicable, is due and payable upon completion of the disclosure-related services. If the Participant Fee Disclosure Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

MISCELLANEOUS DISCLOSURE FEE ..... **To Be Determined**

Union Bank reserves the right to charge a Disclosure Fee in the event Sponsor directs Union Bank to provide required disclosure materials (other than a participant fee disclosure) to Participants on behalf of Sponsor and Plan Administrator. Union Bank will notify Sponsor in advance as to the extent of such disclosure-related services and the fee for such services. This fee, if applicable, is due and payable upon completion of the disclosure-related services. If the Miscellaneous Disclosure Fee will be paid by the Plan, Sponsor hereby directs that such fee be charged to Plan Participants on a per capita basis.

OTHER SERVICES

Website Participant access..... **No charge**
Voice response Participant access ..... **No charge**
Trading of mutual fund shares..... **No charge**
Access to Union Bank Call Center representative..... **No charge**

REIMBURSEMENT OF EXPENSES

Union Bank reserves the right to request reimbursement of legal, accounting, actuary, and consulting fees incurred by Union Bank in providing services to the Plan. In addition, Union Bank reserves the right to request reimbursement of out-of-pocket travel expenses.

PAYMENT OF FEES AND EXPENSES

Except as otherwise provided for specific fees, all fees and expenses for services provided under this Agreement shall be billed quarterly in arrears and are due and payable to Union Bank within 30 days after the date of invoice; provided, however, that any such fees and expenses that are not paid by Sponsor upon termination of this Agreement shall be paid from Participant accounts to the extent permitted under the Plan and applicable law.

SOFT DOLLAR ARRANGEMENTS

Union Bank has entered into soft dollar relationships with third parties to obtain investment research. Soft dollar relationships are generally arrangements whereby credits are generated by account securities transactions to pay for investment research or other products and services benefitting discretionary accounts. If you would like more information on soft dollar arrangements, the research that is obtained, or whether (and to what extent) these arrangements affect the Plan, you should contact Union Bank.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT C

DESIGNATION OF AUTHORIZED REPRESENTATIVES

Sponsor hereby designates the following person(s) as its initial authorized representative(s) to communicate information and directions concerning this above-named Plan to Union Bank:

Name	Signature
Name	Signature
Name	Signature
Name	Signature

Union Bank may rely on any information or direction given by any one of the above-named authorized representatives. The authority of any person to direct Union Bank shall cease as of the date Sponsor provides written notice to Union Bank that such person is no longer employed or otherwise so authorized.

Sponsor can change the above Designation of Authorized Representatives at any time. To add or remove an authorized representative, Sponsor must send written notification to Union Bank.

After the original designation of authority made pursuant to this Exhibit C, Sponsor shall notify Union Bank in writing as to any changes of the authorized representatives at least annually when completing the annual employee census information for recordkeeping purposes. In addition, Sponsor can change the designation of authorized representatives at any time by providing written notice to Union Bank. To the extent Sponsor directs that an authorized representative be removed or added, the above Designation of Authorized Representatives shall be deemed to be amended to reflect such removal or addition. If Sponsor does not update such authorized representatives, Sponsor hereby authorizes and directs Union Bank to rely on any information or direction given by any person who Union Bank reasonably believes is a representative of Sponsor authorized to provide directions to Union Bank in connection with the Plan.

In addition to the above-authorized representatives, Sponsor shall provide to Union Bank, in writing and in a format acceptable to Union Bank, the names of those persons who shall be provided access to the Relius Administration Plan Sponsor Web Module (or similar program) ("Plan Sponsor Web"), and the level of such access. After the original designation of those persons authorized to access Plan Sponsor Web, Sponsor shall notify Union Bank, in writing in a format acceptable to Union Bank, when: (a) a person who is not authorized to access Plan Sponsor Web should be provided such access; (b) a person who is authorized to access Plan Sponsor Web should have his/her level of such access changed; and (c) a person who is authorized to access Plan Sponsor Web should have such access terminated. If Sponsor does not provide updated access authorization to Union Bank with respect to any person, Sponsor agrees that Union Bank shall not be responsible or liable for any acts or omissions made pursuant to such person's use of Plan Sponsor Web.

City of Crete, Nebraska (Police Plan), Sponsor

Date: _____

By: _____

Its: _____

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EXHIBIT D-1

SPONSOR RESPONSIBLE FOR SELECTING/MONITORING DESIGNATED INVESTMENT ALTERNATIVES

City of Crete, Nebraska Police Officers Pension Plan

☐ **If this box is checked, this Exhibit D-1 shall not apply.**

Sponsor acknowledges that Union Bank has made a mutual fund investment platform (the "Investment Platform") available to Sponsor from which Sponsor has the responsibility to select the investment options ("Designated Investment Alternatives") available for investment of Participant accounts upon direction of Plan Participants.

The parties understand that Union Bank provides an "open architecture investment platform" under which Union Bank makes thousands of mutual fund investments available to the Plan. The parties acknowledge that it is not feasible to list all the mutual funds on Union Bank's Investment Platform that are available to the Plan. Accordingly, Sponsor acknowledges that the mutual funds set forth below represent a fraction of the mutual funds on the Investment Platform that Union Bank has made available to the Plan. Upon request, Union Bank will provide details to Sponsor about any and all investments on the Investment Platform.

From the Investment Platform, Sponsor, in its capacity as the Plan fiduciary responsible for selecting and monitoring the investment options made available under the Plan, has selected the Designated Investment Alternatives below that will be available to Participants.

Sponsor understands that Union Bank has agreed to provide certain recordkeeping and administration services for one or more of the Designated Investment Alternatives, as indicated below, selected by Sponsor pursuant to agreements between such Designated Investment Alternatives and Union Bank. The amount of fees, if any, currently to be paid to Union Bank by such Designated Investment Alternatives are set forth below, but is subject to change from time to time. If at any time Sponsor wants additional information in connection with such fees paid to Union Bank by such Designated Investment Alternatives, Sponsor should contact Union Bank.

Under the terms of this Agreement, Sponsor is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. Union Bank, however, reserves the right to change the mutual fund investment choices on the Investment Platform from time to time. If Union Bank finds it necessary to change a Designated Investment Alternative that Sponsor has selected for the Plan, Union Bank will provide Sponsor 60-days advance written (or electronic) notice of the change to be made, and the corresponding change in fees, if any, to be paid to Union Bank as a result of such change.

If Sponsor does not object in writing to a proposed investment option change within the 60-day period referenced in the preceding paragraph, Sponsor shall be deemed to have directed Union Bank to make the change as proposed, and this Exhibit D-1 shall be deemed to have been amended to reflect such change. If Sponsor objects in writing to the proposed investment option change within such 60-day period, Union Bank will propose another investment option. If Sponsor and Union Bank cannot agree on a replacement option, Union Bank, at its discretion, may terminate the Agreement.

Notwithstanding the two preceding paragraphs to the contrary, unless the parties agree otherwise, Sponsor hereby directs Union Bank to make fund changes without having to comply with such 60-day period referenced above in accordance with the following: (a) in the event that the mutual fund company that manages the target date funds made available under the Plan offers a new mutual fund with a later target date, Sponsor hereby directs Union Bank to make such later target date fund available under the Plan (for example, if the Plan makes the Vanguard target date funds available under the Plan, and Vanguard establishes the Vanguard Target Retirement 2075 Fund, Sponsor hereby directs Union Bank to make the Vanguard Target Retirement 2075 Fund available under the Plan without having to comply with such 60-day period); and (b) in the event Union Bank becomes aware of a new share class being issued in connection with a Designated Investment Alternative made available under the Plan, and such share class will provide for a lower expense ratio without altering the underlying investment strategy or investments in such Designated Investment Alternative, Sponsor hereby directs Union Bank to replace the higher expense ratio Designated Investment Alternative with the Designated Investment Alternative with the lower expense ratio.

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In the event a Designated Investment Alternative is removed or added (regardless of whether Sponsor has initiated such action or whether such Designated Investment Alternative was removed or added as addressed above), this Exhibit D-1 shall be deemed to be amended to reflect such removal or addition.

Sponsor represents that it has accessed or received, or has had the opportunity to access, a prospectus or other applicable fund disclosure documents for each of the Designated Investment Alternatives selected below.

Schedule of Mutual Fund Services

Union Bank will provide some or all of the following services as shall from time to time be agreed upon between Union Bank and the Designated Investment Alternatives:

Account Information

- Union Bank will maintain a record of the number of shares held on behalf of the Plan.
- Union Bank will maintain records of address and taxpayer identification number of each Participant in the Plan.

Participant Services

- Union Bank will investigate inquiries from Participants and Plan representatives relating to their interests in the Plan accounts.
- Union Bank will respond to communications from Participants and Plan representatives and others relating to the mutual fund investments of the Plan.
- Union Bank will engage in such other communications and correspondence as may from time to time be mutually agreed upon.

Shareholder Communications

- Union Bank will address and mail to Participants and/or Sponsor, reports to shareholders, dividend and distribution notices upon request.

Proxy Materials

- Union Bank will prepare shareholder lists with respect to Plan and/or Participants, as appropriate.
- Union Bank will mail and certify as to the mailing of the proxy material, as appropriate, upon request.

Designated Investment Alternatives Selected by Sponsor

Sponsor hereby selects the following Designated Investment Alternatives as investment options under the Plan.

Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
X	Vanguard Target Retirement Income Fund	VTINX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2020 Fund	VTWNX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2025 Fund	VTTVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2030 Fund	VTHRX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2035 Fund	VTTHX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2040 Fund	VFORX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2045 Fund	VTIVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2050 Fund	VFIFX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2055 Fund	VFFVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2060 Fund	VTTSX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2065 Fund	VLXVX	0.08%	N/A	N/A*
X	Vanguard Target Retirement 2070 Fund	VSVNX	0.08%	N/A	N/A*
	American Funds American Balanced R6	RLBGX	0.25%	N/A	N/A*

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Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
	American Funds Bond Fund of Amer R6	RBFGX	0.20%	N/A	N/A*
X	American Funds EuroPacific Growth R6	RERGX	0.46%	N/A	N/A*
X	American Funds Growth Fund of Amer R6	RGAGX	0.30%	N/A	N/A*
X	American Funds Invmt Co of Amer R6	RICGX	0.27%	N/A	N/A*
	American Funds Washington Mutual R6	RWMGX	0.26%	N/A	N/A*
	Artisan Developing World Institutional	APHYX	1.00%	N/A	N/A*
X	DFA International Value I	DFIVX	0.29%	N/A	N/A*
	DFA Large Cap International I	DFALX	0.18%	N/A	N/A*
X	Federated Hermes Total Return Bond	FTRLX	0.38%	N/A	N/A*
	Federated Hermes US Treas Cash Res IS	UTIXX	0.20%	N/A	N/A*
X	Goldman Sachs FS Government Instl	FGTXX	0.18%	N/A	N/A*
	Goldman Sachs Satellite Strategies Instl	GXSIX	1.00%	N/A	N/A*
X	Goldman Sachs Small Cap Value R6	GSSUX	0.95%	N/A	N/A*
	Harding Loevner International Eq Instl Z	HLIZX	0.71%	N/A	N/A*
X	JPMorgan Mid Cap Growth R6	JMGMX	0.70%	N/A	N/A*
	Lazard Emerging Markets Equity R6	RLEMX	1.08%	N/A	N/A*
	Loomis Sayles Small Cap Growth Instl	LSSIX	0.92%	N/A	.15%*
X	MFS New Discovery R6	MNDKX	0.89%	N/A	N/A*
X	MFS Value R6	MEIKX	0.45%	N/A	N/A*
X	Nuance Mid Cap Value Z	NMVZX	0.78%	N/A	N/A*
X	Parnassus Mid Cap Institutional	PFPMX	0.75%	N/A	.10%*
	PGIM High Yield R6	PHYQX	0.38%	N/A	N/A*
	Reliance MetLife Series 25053 CL 0	METSO	0.62%	N/A	N/A*
	Standard Stable Asset II	XSAF2	0.10%	N/A	N/A*
	T. Rowe Price Dividend Growth I	PDGIX	0.49%	N/A	N/A*
X	T. Rowe Price Overseas Stock I	TROIX	0.66%	N/A	N/A*
X	Vanguard 500 Index Admiral	VFIAX	0.04%	N/A	N/A*
	Vanguard Balanced Index Adm	VBIAX	0.07%	N/A	N/A*
	Vanguard Emerging Mkts Stock Idx Adm	VEMAX	0.14%	N/A	N/A*
X	Vanguard Growth Index Admiral	VIGAX	0.05%	N/A	N/A*
	Vanguard LifeStrategy Cnsrv Gr Inv	VSCGX	0.12%	N/A	N/A*
	Vanguard LifeStrategy Growth Inv	VASGX	0.14%	N/A	N/A*
	Vanguard LifeStrategy Income Inv	VASIX	0.11%	N/A	N/A*
	Vanguard LifeStrategy Moderate Gr Inv	VSMGX	0.13%	N/A	N/A*
X	Vanguard Mid Cap Index Admiral	VIMAX	0.05%	N/A	N/A*
	Vanguard Mid-Cap Growth Index Admiral	VMGMX	0.07%	N/A	N/A*
	Vanguard Mid-Cap Value Index Admiral	VMVAX	0.07%	N/A	N/A*
	Vanguard Real Estate Index Admiral	VGSLX	0.12%	N/A	N/A*
X	Vanguard Short-Term Federal Adm	VSGDX	0.10%	N/A	N/A*
X	Vanguard Short-Term Investment-Grade Adm	VFSUX	0.10%	N/A	N/A*
X	Vanguard Shrt-Term Infl-Prot Sec Idx Adm	VTAPX	0.06%	N/A	N/A*
	Vanguard Small Cap Growth Index Admiral	VSGAX	0.07%	N/A	N/A*
X	Vanguard Small Cap Index Adm	VSMAX	0.05%	N/A	N/A*
	Vanguard Small Cap Value Index Admiral	VSIAX	0.07%	N/A	N/A*
X	Vanguard Strategic Small-Cap Equity Inv	VSTCX	0.26%	N/A	N/A*
X	Vanguard Total Bond Market Index Adm	VBTLX	0.05%	N/A	N/A*
X	Vanguard Total Intl Stock Index Admiral	VTIAX	0.11%	N/A	N/A*

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Designated Investment Alternative by Sponsor	Designated Investment Alternative	Ticker Symbol	Total Expense Ratio	12b-1 Fees Paid to Union Bank	Sub-Transfer Agency or Similar Fees Paid to Union Bank
	Vanguard US Growth Admiral™	VWUAX	0.28%	N/A	N/A*
X	Vanguard Value Index Adm	VVIAX	0.05%	N/A	N/A*

Part of the Total Expense Ratio

In the event Sponsor has selected the Reliance MetLife Stable Value Series 25157, 25053 or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

Although Union Bank has provided the above information in good faith, and Union Bank believes the above information is accurate, the parties agree it is Sponsor's responsibility to: (a) ensure the information is accurate; and (b) notify Union Bank of any errors and omissions in connection with the above-referenced investments.

If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor acknowledges that Union Bank, in making the Investment Platform available to the Plan, is not providing impartial investment advice or giving advice in a fiduciary capacity. Sponsor may, at any time as part of its fiduciary duty to select and monitor the Designated Investment Alternatives available under the Plan, request Union Bank to identify those investment alternatives from its Investment Platform that meet objective criteria specified by Sponsor.

Sponsor hereby acknowledges that: (1) it has selected the above-listed Designated Investment Alternatives to be offered under the Plan; (2) it has the obligation to select and monitor the Designated Investment Alternatives offered under the Plan (and that even if Union Bank is determined by a court or regulatory agency to be the fiduciary responsible for selecting the Plan's initial Designated Investment Alternatives, Sponsor, nonetheless, is the fiduciary responsible for monitoring such Designated Investment Alternatives on an ongoing basis); (3) Union Bank is not acting in a fiduciary capacity (within the meaning of any applicable law) by making the Investment Platform available to Sponsor; (4) the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal; (5) it has received sufficient information, reasonably in advance of executing this Agreement, for Sponsor to evaluate the appropriateness of making such Designated Investment Alternatives available under the Plan to include the expenses that will be incurred for each such Designated Investment Alternative; (6) it has received all relevant information with respect to the above-selected Designated Investment Alternatives necessary or appropriate to satisfy its inquiry in selecting and monitoring the Plan's Designated Investment Alternatives; (7) it has received sufficient information to understand the amount of compensation, if any, to be paid to Union Bank by each such Designated Investment Alternative set forth above; and (8) Exhibits B and D-1 of this Agreement accurately reflect the entire fee arrangement between Sponsor and Union Bank.

City of Crete, Nebraska, Sponsor

Date: _____

By: _____

Its: Clerk-Treasurer

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EXHIBIT D-2

UNION BANK ACTS AS INVESTMENT MANAGEMENT FIDUCIARY

City of Crete, Nebraska Police Officers Pension Plan

☒ **If this box is checked, this Exhibit D-2 shall not apply.**

Pursuant to Section 1.6.2, Union Bank is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. Union Bank will notify Sponsor (in writing or electronic form) reasonably in advance of any changes with respect to the Designated Investment Alternatives made available under the Plan. When Union Bank makes a change to the Plan's Designated Investment Alternatives, this Exhibit D-2 shall be deemed to be amended to incorporate such change.

Union Bank has selected the Designated Investment Alternatives set forth below, as of the effective date of this Agreement, to be made available under the portion of the Plan that is a Participant-Directed Plan.

Designated Investment Alternative	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

The DIAs set forth below have been selected by Sponsor and not Union Bank and, therefore, are subject to Section 1.6.1 of this Agreement but not subject to Section 1.6.2.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

In the event Union Bank has selected the Reliance MetLife Stable Value Series 25157, 25053, or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor hereby acknowledges that the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal.

City of Crete, Nebraska _____, Sponsor

Date: _____

NOT NEEDED

By: _____

Its: _____

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EXHIBIT D-3

UNION BANK ACTS AS INVESTMENT ADVICE FIDUCIARY

City of Crete, Nebraska Police Officers Pension Plan

☒ **If this box is checked, this Exhibit D-3 shall not apply.**

Pursuant to Section 1.6.3, Union Bank has recommended the Designated Investment Alternatives set forth below, as of the effective date of this Agreement, be made available under the portion of the Plan that is a Participant-Directed Plan. Sponsor retains the sole responsibility and authority for adding or removing Designated Investment Alternatives from the Plan.

Under the terms of this Agreement, Sponsor is responsible for selecting and monitoring the Designated Investment Alternatives made available to Participants under the Plan. If Union Bank recommends that a Designated Investment Alternative be added or removed, Union Bank will provide Sponsor 60-days advance written (or electronic) notice of the change to be made.

If Sponsor does not object in writing to a proposed investment option change within the 60-day period referenced in the preceding paragraph, Sponsor shall be deemed to have directed Union Bank to make the change as recommended, and this Exhibit D-3 shall be deemed to have been amended to reflect such change. If Sponsor objects in writing to the recommended investment option change within such 60-day period, Union Bank will recommend another investment option. If Sponsor and Union Bank cannot agree on a replacement option, Union Bank, at its discretion, may terminate the Agreement.

Notwithstanding the two preceding paragraphs to the contrary, unless the parties agree otherwise, Sponsor hereby directs Union Bank to make fund changes without having to comply with such 60-day period referenced above in accordance with the following: (a) in the event that the mutual fund company that manages the target date funds made available under the Plan offers a new mutual fund with a later target date, Sponsor hereby directs Union Bank to make such later target date fund available under the Plan (for example, if the Plan makes the Vanguard target date funds available under the Plan, and Vanguard establishes the Vanguard Target Retirement 2075 Fund, Sponsor hereby directs Union Bank to make the Vanguard Target Retirement 2075 Fund available under the Plan without having to comply with such 60-day period); and (b) in the event Union Bank becomes aware of a new share class being issued in connection with a Designated Investment Alternative made available under the Plan, and such share class will provide for a lower expense ratio without altering the underlying investment strategy or investments in such Designated Investment Alternative, Sponsor hereby directs Union Bank to replace the higher expense ratio Designated Investment Alternative with the Designated Investment Alternative with the lower expense ratio share class.

In the event a Designated Investment Alternative is removed or added (regardless of whether Sponsor has initiated such action or whether such Designated Investment Alternative was removed or added as addressed above), this Exhibit D-3 shall be deemed to be amended to reflect such removal or addition.

Designated Investment Alternatives Selected by Sponsor

Sponsor hereby selects the following Designated Investment Alternatives as investment options under the Plan.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

In the event Sponsor has selected the Reliance MetLife Stable Value Series 25157, 25053, or similar stable value fund, as a Designated Investment Alternative, Sponsor directs that the Plan's forfeiture account be invested in the Federated U.S. Treasury Cash Reserves Institutional Shares (UTIXX) or similar fund.

Although Union Bank has provided the above information in good faith, and Union Bank believes the above information is accurate, the parties agree it is Sponsor's responsibility to: (a) ensure the information is accurate; and (b) notify Union Bank of any errors and omissions in connection with the above-referenced investments.

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If a Participant fails to provide valid investment instructions, Sponsor and Plan Administrator hereby direct Union Bank to invest such Participant's Plan accounts in the age-appropriate target date fund, taking into account such Participant's age at the time of investment and the date he/she will attain age 65 (or in another default investment alternative as directed by Sponsor).

Sponsor may, at any time as part of its fiduciary duty to select and monitor the Designated Investment Alternatives available under the Plan, request Union Bank to identify those investment alternatives from its Investment Platform (as defined in Exhibit D-1) that meet objective criteria specified by Sponsor.

Sponsor hereby acknowledges that: (1) it has selected the above-listed Designated Investment Alternatives to be offered under the Plan; (2) it has the obligation to select and monitor the Designated Investment Alternatives offered under the Plan (and that even if Union Bank is determined by a court or regulatory agency to be the fiduciary responsible for selecting the Plan's initial Designated Investment Alternatives, Sponsor, nonetheless, is the fiduciary responsible for monitoring such Designated Investment Alternatives on an ongoing basis); (3) the above-selected Designated Investment Alternatives are not insured by the Federal Deposit Insurance Corporation, and are not deposits or obligations of Union Bank, and are subject to principal risks, including the possible loss of principal; (4) it has received sufficient information, reasonably in advance of executing this Agreement, for Sponsor to evaluate the appropriateness of making such Designated Investment Alternatives available under the Plan to include the expenses that will be incurred for each such Designated Investment Alternative; and (5) it has received all relevant information with respect to the above-selected Designated Investment Alternatives necessary or appropriate to satisfy its inquiry in selecting and monitoring the Plan's Designated Investment Alternatives.

☐ If this box is checked, the following charge shall NOT apply.

The Designated Investment Alternatives set forth below have been selected by Sponsor but were not recommended by Union Bank and, therefore, are subject to Exhibit D-1 and not this Exhibit D-3.

Mutual Fund	***Ticker Symbol***	***Total Expense Ratio***	***12b-1 Fees Paid to Union Bank***	***Sub-Transfer Agency or Similar Fees Paid to Union Bank***

City of Crete, Nebraska, Sponsor

Date: _____

By: NOT NEEDED

Its: _____

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EXHIBIT E

FACTS	What Does Union Bank & Trust Company Do With Your Personal Information?
Why?	Financial companies choose how they share your personal information. Federal law gives consumers the right to limit some but not all sharing. Federal law also requires us to tell you how we collect, share, and protect your personal information. Please read this notice carefully to understand what we do.
What?	The types of personal information we collect and share depend on the product or service you have with us. This information can include: • Social Security number and account balances • Transaction history and payment history • Investment experience and retirement assets
How?	All financial companies need to share customers' personal information to run their everyday business. In the section below, we list the reasons financial companies can share their customers' personal information; the reasons Union Bank & Trust Co. chooses to share; and whether you can limit this sharing.

Reasons we can share your personal information	Does Union Bank & Trust share?	Can you limit this sharing?
For our everyday business purposes — such as to process your transactions, maintain your account(s), respond to court orders and legal investigations, or report to credit bureaus	Yes	No
For our marketing purposes — to offer our products and services to you	Yes	No
For joint marketing with other financial companies	Yes	No
For our affiliates' everyday business purposes — information about your transactions and experiences	Yes	No
For our affiliates' everyday business purposes — information about your creditworthiness	Yes	Yes
For our affiliates to market to you	Yes	Yes
For nonaffiliates to market to you	No	We don't share

To limit our sharing	**Visit us online:** www.ubt.com/privacy **Please note:** If you are a ***new*** customer, we can begin sharing your information 30 days from the date we sent this notice. When you are ***no longer*** our customer, we continue to share your information as described in this notice. However, you can contact us at any time to limit our sharing.
Questions?	**Call** 1-800-297-2837 **or visit us online:** www.ubt.com/privacy

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What We Do	
How does Union Bank & Trust Co. protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer safeguards and secured files and buildings. We have an Information Security Program and a Code of Ethics. All employees are expected to abide by programs and policies established in an effort to protect customer information.
How does Union Bank & Trust Co. collect my personal information?	We collect your personal information, for example, when you: • Open an account or apply for a loan • Provide account information or provide employment information • Tell us about your investment or retirement portfolio We also collect your personal information from others, such as credit bureaus, affiliates, or other companies.
Why can't I limit all sharing?	Federal law gives you the right to limit only: • Sharing for affiliates' everyday business purposes—information about your creditworthiness • Affiliates from using your information to market to you • Sharing for nonaffiliates to market to you State laws and individual companies may give you additional rights to limit sharing.
What happens when I limit sharing for an account I hold jointly with someone else?	Your choices will apply to everyone on your account.

Definitions	
Affiliates	Companies related by common ownership or control. They can be financial and nonfinancial companies. *Our affiliates include companies with the "Union" name; financial companies such as student loan and brokerage services; nonfinancial companies, such as technology and recordkeeping services.*
Nonaffiliates	Companies not related by common ownership or control. They can be financial and nonfinancial companies. *Union Bank & Trust Co. does not share with nonaffiliates so they can market to you.*
Joint Marketing	A formal agreement between nonaffiliated financial companies that together market financial products or services to you. *Our joint marketing partners include insurance companies.*

July 7, 2023

City of Crete
Attn: Tom Ourada
243 East 13th Street
Crete, NE

RE: Doane Substation Medium Voltage Switchgear
Crete, Nebraska
Olsson Project No. 022-02597

Mr. Ourada,

On June 29, 2023 at 10:00 am, two bids were opened for the Doane Substation Medium Voltage Switchgear project. Two bids were received for the 15kV Switchgear and one bid was received for the 35kV Switchgear.

Switchgear	Harold K. Scholz Co. Ralston, NE	Malloy Electric Sioux Falls, SD
15kV	$962,125.00	Option 1: $1,215,668.49 Option 2: $1,324,657.53
Lead Time	52-54 weeks	Option 1: 92-94 weeks Option 2: 76-78 weeks
35kV	No Bid	$1,997,364.38

Harold K. Scholz Company had the following note on their Bid: Price includes 7.5% Sales Tax and Price does NOT include concrete, concrete pads, power cable, power cable terminations or grounding.

Harold K. Scholz was the low bidder with a shorter Lead Time than Malloy Electric.

Harold K. Scholz Company provided a 5% bid bond as a bid guaranty in accordance with the contract documents.

All bidders acknowledged Addendums No. 1 & 2.

Olsson recommends that Harold K. Scholz Company, with the lowest Bid for the 15kV bid of $962,125.00, be awarded the contract to complete the referenced work.

Sincerely,

John Ledesma

Encl: Bid Tab

601 P Street / Suite 200 / Lincoln, NE 68508
O 402.474-6311 / **olsson.com**

July 7, 2023

City of Crete
Attn: Tom Ourada
243 East 13th Street
Crete, NE

RE: Doane Substation Transformer
Crete, Nebraska
Olsson Project No. 022-02597

Mr. Ourada,

On June 29, 2023 at 10:30 am, two bids were received and opened for the Doane Substation Transformer.

Virginia XFMR Roanoke, VA	Malloy Electric Sioux Falls, SD
$876,669.00	$1,450,666.67
Lead Time: 40-50 weeks	Delivery: 72 weeks

Virginia XFMR was the low bidder with a shorter Lead Time than Malloy Electric.

Virginia XFMR provided a 5% bid bond as a bid guaranty in accordance with the contract documents.

All bidders acknowledged Addendum No. 1.

Olsson recommends that Virginia XFMR, with the lowest Bid for the Transformer bid of $876,669.00, be awarded the contract to complete the referenced work.

Sincerely,

John Ledesma

Encl: Bid Tab

601 P Street / Suite 200 / Lincoln, NE 68508
O 402.474-6311 / **olsson.com**

BID FORM FOR PROCUREMENT CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—BUYER AND BIDDER

1.01 This Bid is submitted to:

City of Crete, Crete, Nebraska

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Procurement Contract with Buyer in the form included in the Procurement Bidding Documents, and to furnish the Goods and Special Services as specified or indicated in the Procurement Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Procurement Bidding Documents.

ARTICLE 2—BASIS OF BID

2.01 *Lump Sum Bids*

A. Bidder will furnish the Goods and Special Services in accordance with the Procurement Contract Documents for the following Procurement Contract Price(s) for Doane Substation Medium Voltage Switchgear:

1. Lump Sum Bid Price (Base Bid and Alternates)

Price Includes 7.5% Sales tax ($67,125)
Price Does NOT Include Concrete, Concrete Pads, Power Cable, Power Cable Terminations or Grounding

Base Bid 15kV Switchgear:

BASE BID LUMP SUM	$ 962,125.00

Alternate Bid 35kV Switchgear:

ALTERNATE BID LUMP SUM	$ No Bid

ARTICLE 3—TIME OF COMPLETION

3.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule of Procurement Contract Times set forth in Article 2 of the Procurement Agreement.

3.02 Bidder accepts the provisions of the Procurement Agreement as to liquidated damages.

ARTICLE 4—ATTACHMENTS TO THIS BID

4.01 The following documents are attached to and made a condition of this Bid:

A. Required Bid security in the form prescribed in the Instructions to Bidders.

B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids.

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C. Equipment Data Sheets.

D. Required Bidder Qualification Statement with supporting data.

E. Technical information required for comparative evaluation as described in Instruction to Bidders, and more specifically in Specifications.

ARTICLE 5—BIDDER'S ACKNOWLEDGMENTS

5.01 Bidder accepts all terms and conditions of the Instructions to Bidders. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period that Bidder may agree to in writing upon request of Buyer.

5.02 Bidder has examined and carefully studied the Procurement Bidding Documents, the related data identified in the Procurement Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
1	5/19/23
2	5/25/23

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents that:

1. Bidder has examined and carefully studied the Procurement Contract Documents.

2. If required by the Instructions to Bidders to visit the Point of Destination and the site where the Goods are to be installed or Special Services will be provided, or if, in Bidder's judgment, any observable local or site conditions may affect the delivery, cost, progress, or furnishing of the Goods and Special Services, then Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided (as applicable) and become familiar with and is satisfied as to the observable local and site conditions that may affect delivery, cost, progress, and furnishing of the Goods and Special Services.

3. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect the cost, progress, and performance of Seller's obligations under the Procurement Contract.

4. Bidder has carefully studied, considered, and correlated the information known to Bidder with respect to the effect of such information on the cost, progress, and performance of Seller's obligations under the Procurement Contract.

5. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Procurement Contract Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

6. The Procurement Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance of Seller's obligations under the Procurement Contract.

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7. The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of the Bidding Requirements, that without exception the Bid (including all Bid prices) is premised upon furnishing the Goods and Special Services as required by the Procurement Contract Documents.

6.02 *Bidder's Certifications*

A. Bidder certifies that:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

3. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Procurement Contract. For the purposes of this Paragraph 6.02.A.4:

a. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;

b. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;

c. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

d. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

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This Bid is offered by:

Bidder:

Harold K. Scholz Company

(typed or printed name of organization)

By: Ross Scholz

(individual's signature)

Date: 6/29/23

(date signed)

Name: Ross Scholz

(typed or printed)

Title: President

(typed or printed)

(If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: Brandon Christensen

(individual's signature)

Title: Project Manager/ Estimator

(typed or printed)

Address for giving notices:

7800 Serum Ave, Ralston NE, 68127

Designated Representative:

Name: Ross Scholz

(typed or printed)

Title: President

(typed or printed)

Address:

7800 Serum Ave, Ralston NE, 68127

Phone: 402-339-7600

Email: Ross@hkscholz.com

License No.:

Classification:

Limitation:

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BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER *(Name and Address)*:
Harold K Scholz Company

7800 Serum Ave Ralston, NE 68127

SURETY *(Name, and Address of Principal Place of Business)*:
Universal Surety Company

1010 Lincoln Mall Suite #101 Lincoln, NE 68508

OWNER *(Name and Address)*:
City of Crete, P.O. Box 243, E 13, Crete, NE 68333

BID

Bid Due Date: 05/31/2023

Description *(Project Name— Include Location)*:
Doane Substation Medium Voltage Switchgear

BOND

Bond Number:

Date: 05/31/2023

Penal sum Five Percent (5% of Bid Estimate) $
(Words) (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER	**SURETY**
Harold K Scholz Company (Seal)	Universal Surety Company (Seal)
Bidder's Name and Corporate Seal	Surety's Name and Corporate Seal
By: Signature	By: Signature (Attach Power of Attorney)
Ann Hough	Charlotte Ahrenholtz
Print Name	Print Name
Treasurer	Attorney-In-Fact
Title	Title
Attest: Signature	Attest: Signature
Title Corp Secr.	Title witness

Note: Addresses are to be used for giving any required notice.
Provide execution by any additional parties, such as joint venturers, if necessary.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.

2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation shall be null and void if:

3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or

3.2 All Bids are rejected by Owner, or

3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.

6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than one year after the Bid due date.

7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

UNIVERSAL SURETY COMPANY

Lincoln, Nebraska

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That the **UNIVERSAL SURETY COMPANY**, a corporation of the State of Nebraska having its principal office in the City of Lincoln, Nebraska, pursuant to the following Bylaw, which was adopted by the Board of Directors of the said Company on July 23, 1981, to wit:

"Article V-Section 6. RESIDENT OFFICERS AND ATTORNEYS-IN-FACT. The President or any Vice President, acting with any Secretary or Assistant Secretary, shall have the authority to appoint Resident Vice Presidents and Attorneys-In-Fact, with the power and authority to sign, execute, acknowledge and deliver on its behalf, as Surety: Any and all undertakings of suretyship and to affix thereto the corporate seal of the corporation. The President or any Vice President, acting with any Secretary or Assistant Secretary, shall also have the authority to remove and revoke the authority of any such appointee at any time."

does hereby make, constitute and appoint

Robert W. Hansen, Jr. or Charlotte Ahrenholtz, Omaha, Nebraska

its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for and on its behalf, as Surety:

Any and all undertakings of suretyship

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its offices in Lincoln, Nebraska, in their own persons.

The following Resolution was adopted at the Regular Meeting of the Board of Directors of the **UNIVERSAL SURETY COMPANY**, held on July 23, 1981:

"RESOLVED, That the signatures of officers of the Company and the seal of the Company may be affixed by facsimile to any Power of Attorney executed in accordance with Article V-Section 6 of the Company Bylaws: and that any such Power of Attorney bearing such facsimile signatures, including the facsimile signature of a certifying Assistant Secretary and facsimile seal shall be valid and binding upon the Company with respect to any bond, undertaking or contract of suretyship to which it is attached."

All authority hereby conferred shall remain in full force and effect until terminated by the Company.

IN WITNESS WHEREOF, **UNIVERSAL SURETY COMPANY** has caused these presents to be signed by its President and its corporate seal to be hereunto affixed this 19th day of September, 20 22.

Carol J. Clark

Secretary/Treasurer

UNIVERSAL SURETY COMPANY

By Curtis L Hartter

President

UNIVERSAL SURETY COMPANY CORPORATE SEAL LINCOLN, NEBRASKA

State of Nebraska }
County of } ss. Lancaster

On this 19th day of September, 20 22, before me personally came Curtis L. Hartter, to me known, who being by me duly sworn, did depose and say that (s)he resides in the County of Lancaster, State of Nebraska; that (s)he is the President of the **UNIVERSAL SURETY COMPANY**, the corporation described in and which executed the above instrument; that (s)he knows the seal of the said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; that (s)he signed (his) (her) name by like order; and that Bylaw, Article V-Section 6, adopted by the Board of Directors of said Company, referred to in the preceding instrument, is now in force.

Tara Martin

GENERAL NOTARY - State of Nebraska
TARA MARTIN
My Comm. Exp. February 16, 2026

My Commission Expires February 16, 2026.

Notary Public

I, Philip C. Abel, Director of **UNIVERSAL SURETY COMPANY**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said **UNIVERSAL SURETY COMPANY**, which is still in full force and effect.

Signed and sealed at the City of Lincoln, Nebraska this 31st day of May, 2023.

Philip C. Abel

Director

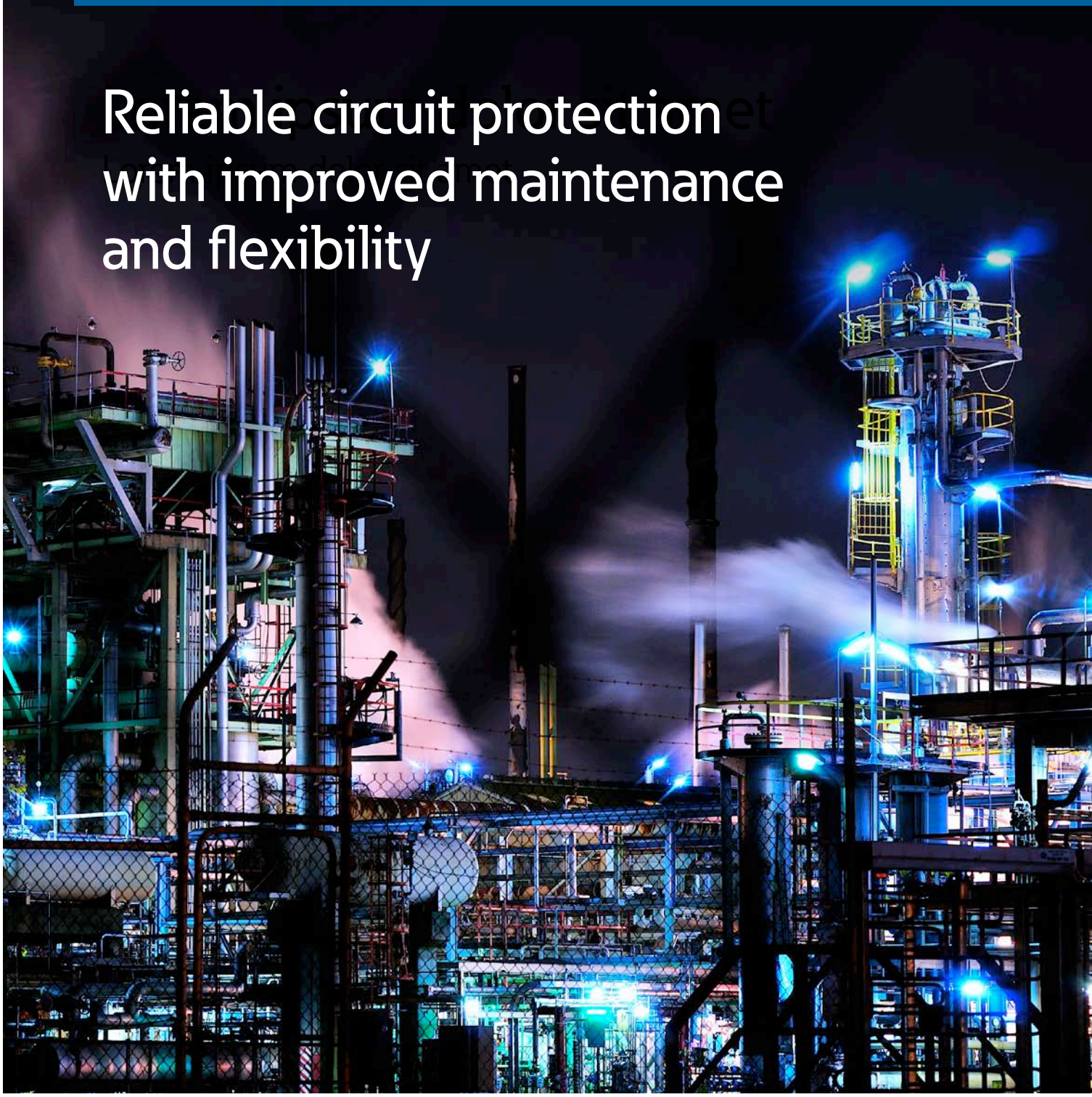
UNIVERSAL SURETY COMPANY CORPORATE SEAL LINCOLN, NEBRASKA

The Harold K. Scholz Company has been in business since 1972, is located in Ralston, NE and fabricates, installs and services power plant and substation switchgear in NE, IA, KS, MO, MN, and SD.

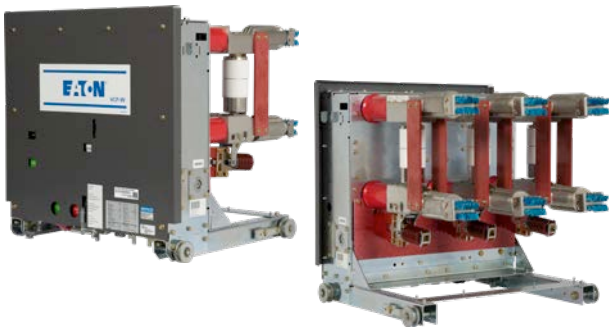
Our NE Sales Tax Exemption No: 1973215

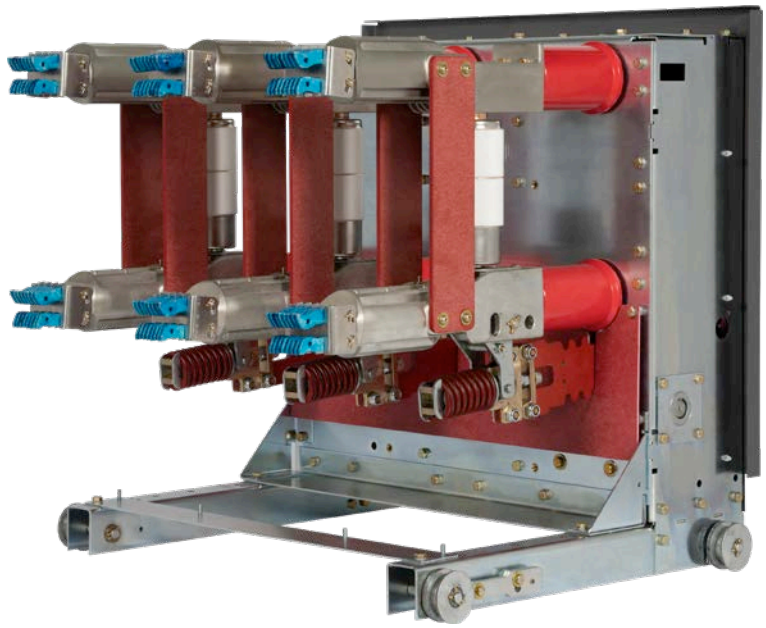
VCP-W
Medium-voltage vacuum circuit breaker

Reliable circuit protection with improved maintenance and flexibility



Powering Business Worldwide





Improved medium-voltage protection

VCP-W vacuum circuit breakers

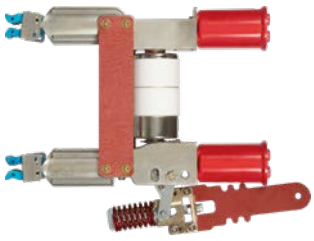
The Eaton medium-voltage VCP-W circuit breaker is renowned for its ease of handling and maintenance. This OEM-friendly product is ideal for short-circuit protection and has numerous design variations to ensure all possible applications are supported. Eaton's patented flexible conductor system features fewer moving parts, which reduces friction and wear associated with rolling/sliding designs, and increases product lifespan. The VCP-W circuit breaker is the standard in reliability, control and protection for electrical equipment and circuits.

New features

- Drop-in replacement for current VCP-W circuit breaker
- Simplified pole unit design with 89% fewer parts
- Partial discharge free
- Longer vacuum interrupter life (over 30K operations)

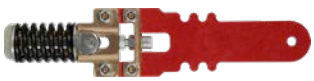
Standards

- IEEE® C37.04-2018
- IEEE C37.09-2018



Improved pole unit design

Eaton's simplified pole unit design incorporates patented conductors and has 89% fewer parts than the legacy VCP-W. The vacuum interrupters can be replaced in the field without special tooling or having to change the entire pole unit, thus reducing maintenance and labor costs.



Improved drive rod design

Eaton's adjustable drive rod design enables the quick modification of vacuum interrupter compression in the field and eliminates the need to replace pole units that exhibit low compression due to contact erosion from high mechanism operations.

Technical data

5/15 kV VCP-W vacuum circuit breaker types rated on symmetrical current rating basis, per ANSI standards

Identification	Rated values ❶❷														
				Insulation level			Short-circuit ratings (reference C37.04-2018 and C37.09-2018 except where noted)								
	Maximum voltage (V)	Nominal three-phase MVA class	Rated voltage range factor	Power frequency withstand voltage (1 min.)	Lightning impulse withstand voltage (1.2 x 50 µs)	Rated continuous current at 60 Hz	Symmetrical interrupting current (I)	%dc component	Asymmetrical interrupting current (It)	Closing and latching current	Short-time withstand current	Interrupting time	Interrupting time (cycles at 60 Hz)	No-load (mechanical endurance)
Drawout circuit breaker type	kV rms		K	kV rms	kV peak	A rms ❸	kA rms sym	% ❹	kA rms asym total ❹	kA peak ❺	kA rms ❻	ms	Cycles ❼	❽
5VCP-W25	4.76	N/A	1	19	60	1200	25	43	29	65	25	83/50	5/3	10,000
	4.76	N/A	1	19	60	2000	25	43	29	65	25	83/50	5/3	10,000
	4.76	N/A	1	19	60	3000	25	43	29	65	25	83/50	5/3	10,000
5VCP-W32	4.76	N/A	1	19	60	1200	31.5	43	37	82	31.5	83/50	5/3	10,000
	4.76	N/A	1	19	60	2000	31.5	43	37	82	31.5	83/50	5/3	10,000
	4.76	N/A	1	19	60	3000	31.5	43	37	82	31.5	83/50	5/3	10,000
5VCP-W40	4.76	N/A	1	19	60	1200	40	43	47	104	40	83/50	5/3	10,000
	4.76	N/A	1	19	60	2000	40	43	47	104	40	83/50	5/3	10,000
	4.76	N/A	1	19	60	3000	40	43	47	104	40	83/50	5/3	10,000
5VCP-W50	4.76	N/A	1	19	60	1200	50	43	58.5	130	50	83/50	5/3	10,000
	4.76	N/A	1	19	60	2000	50	43	58.5	130	50	83/50	5/3	10,000
	4.76	N/A	1	19	60	3000	50	43	58.5	130	50	83/50	5/3	10,000
50VCP-W63 (9)	4.76	N/A	1	19	60	1200	63	55	80	164	63	83/50	5/3	10,000
	4.76	N/A	1	19	60	2000	63	55	80	164	63	83/50	5/3	10,000
	4.76	N/A	1	19	60	3000	63	55	80	164	63	83/50	5/3	10,000
8VCP-W40	8.25	N/A	1	36	95	1200	40	43	47	104	40	83/50	5/3	10,000
	8.25	N/A	1	36	95	2000	40	43	47	104	40	83/50	5/3	10,000
	8.25	N/A	1	36	95	3000	40	43	47	104	40	83/50	5/3	10,000
8VCP-W50	8.25	N/A	1	36	95	1200	50	43	58.5	130	50	83/50	5/3	10,000
	8.25	N/A	1	36	95	2000	50	43	58.5	130	50	83/50	5/3	10,000
	8.25	N/A	1	36	95	3000	50	43	58.5	130	50	83/50	5/3	10,000
15VCP-W25	15	N/A	1	36	95	1200	25	43	29	65	25	83/50	5/3	10,000
	15	N/A	1	36	95	2000	25	43	29	65	25	83/50	5/3	10,000
	15	N/A	1	36	95	3000	25	43	29	65	25	83/50	5/3	10,000
15VCP-W32	15	N/A	1	36	95	1200	31.5	43	37	82	31.5	83/50	5/3	10,000
	15	N/A	1	36	95	2000	31.5	43	37	82	31.5	83/50	5/3	10,000
	15	N/A	1	36	95	3000	31.5	43	37	82	31.5	83/50	5/3	10,000
15VCP-W40	15	N/A	1	36	95	1200	40	43	47	104	40	83/50	5/3	10,000
	15	N/A	1	36	95	2000	40	43	47	104	40	83/50	5/3	10,000
	15	N/A	1	36	95	3000	40	43	47	104	40	83/50	5/3	10,000
15VCP-W50	15	N/A	1	36	95	1200	50	43	58.5	130	50	83/50	5/3	10,000
	15	N/A	1	36	95	2000	50	43	58.5	130	50	83/50	5/3	10,000
	15	N/A	1	36	95	3000	50	43	58.5	130	50	83/50	5/3	10,000
150VCP-W63 ❾	15	N/A	1	36	95	1200	63	55	80	164	63	83/50	5/3	10,000
	15	N/A	1	36	95	2000	63	55	80	164	63	83/50	5/3	10,000
	15	N/A	1	36	95	3000	63	55	80	164	63	83/50	5/3	10,000

5/15 kV VCP-W vacuum circuit breaker types rated on symmetrical current rating basis, per ANSI standards (continued)

Identification	Rated values ❶❷													
				Insulation level			Short-circuit ratings (reference C37.04-2018 and C37.09-2018 except where noted)							
	Maximum voltage (V)	Nominal three-phase MVA class	Rated voltage range factor	Power frequency withstand voltage (1 min.)	Lightning impulse withstand voltage (1.2 x 50 µs)	Rated continuous current at 60 Hz	Symmetrical interrupting current (I)	%dc component	Asymmetrical interrupting current (It)	Closing and latching current	Short-time withstand current	Interrupting time	Interrupting time (cycles at 60 Hz)	No-load (mechanical endurance)
Drawout circuit breaker type	kV rms		K	kV rms	kV peak	A rms ❸	kA rms sym	% ❹	kA rms asym total ❹	kA peak ❺	kA rms ❻	ms	Cycles ❼	❽
5VCP-W250	4.76	250	1	19	60	1200	36	40	41	97	36	83/50	5/3	10,000
	4.76	250	1	19	60	2000	36	40	41	97	36	83/50	5/3	10,000
	4.76	250	1	19	60	3000	36	39	41	97	36	83/50	5/3	10,000
5VCP-W350	4.76	350	1	19	60	1200	49	40	56	132	49	83/50	5/3	10,000
	4.76	350	1	19	60	2000	49	40	56	132	49	83/50	5/3	10,000
	4.76	350	1	19	60	3000	49	39	56	132	49	83/50	5/3	10,000
8VCP-W500	8.25	500	1	36	95	1200	41	40	47	108	41	83/50	5/3	10,000
	8.25	500	1	36	95	2000	41	40	47	108	41	83/50	5/3	10,000
	8.25	500	1	36	95	3000	41	39	47	111	41	83/50	5/3	10,000
15VCP-W500	15	500	1	36	95	1200	23	41	26	62	23	83/50	5/3	10,000
	15	500	1	36	95	2000	23	41	26	62	23	83/50	5/3	10,000
	15	500	1	36	95	3000	23	39	26	62	23	83/50	5/3	10,000
15VCP-W750	15	750	1	36	95	1200	36	40	41	97	36	83/50	5/3	10,000
	15	750	1	36	95	2000	36	40	41	97	36	83/50	5/3	10,000
	15	750	1	36	95	3000	36	39	41	97	36	83/50	5/3	10,000
15VCP-W1000	15	1000	1	36	95	1200	48	40	55	130	48	83/50	5/3	10,000
	15	1000	1	36	95	2000	48	40	55	130	48	83/50	5/3	10,000
	15	1000	1	36	95	3000	48	39	55	130	48	83/50	5/3	10,000

❶ All circuit breakers are tested at 60 Hz and cannot be applied at 50 Hz per C37.09-2018. If 50 Hz is required, use VCP-W Legacy breaker offering. Contact Eaton for required ratings.

❷ All breakers in this chart are UL Listed.

❸ 3000 A rated breakers can be fan-cooled for use in 4000 A rated switchgear.

❹ All breakers tested to C37.09-2018 meet the requirements for the last pole to clear during asymmetrical T100a tests defined by Table 3 of the standard, and can safely be applied at the rated asymmetrical interrupting current and %dc offset as calculated by the equations within C37.09-2018 and C37.04-2018. Ratings are based on a dc time constant of 45 ms (corresponding to X/R of 17 for 60 Hz) and determined using the circuit breaker minimum opening time plus the assumed minimum relay time of 1/2 cycle (8.33 ms for 60 Hz).

❺ These breakers were tested to (2.6 * I) for close and latch.

❻ Duration of short-time current and maximum permissible tripping delay are both 2 seconds for all circuit breakers listed in this table, as required in C37.04-2018 and C37.09-2018.

❼ All circuit breakers are available as 3 or 5 cycle breakers.

❽ Each operation consists of one closing plus one opening.

❾ These circuit breakers do not come with the upgraded pole units and were tested to earlier versions of the IEEE standards and can be applied at 50 Hz with no derating.

Standard features

- C2 class capacitor switch ratings
- Tin-plated pole units for resilience in harsh environment applications
- Maintenance-free Eaton vacuum interrupters with visual contact erosion indicators
- Glass polyester insulators
- Epoxy insulators (included with type VCP-WSE breakers)
- Trip-free interlocks that prevent moving a closed circuit breaker into or out of the connect position
- Provisions for manual charging of closing spring
- Operations counter
- Closing spring charged/ discharged indicator
- Circuit breaker open/closed indicator
- Spring charging motor, close coil, trip coil, latch check switch, and anti-pump relay
- Cut-out visual wipe spring indicator
- Primary and secondary fully automatic disconnects
- Ground contact finger assembly
- Auxiliary switch with 2A/3B spare contacts

Benefits

- Premium control wires and terminals provide reliable control and protection for electrical equipment and circuits, and are capable of being operated manually under full load conditions
- Front-accessible mechanism allows for easy access to the mechanism and user-friendly control components
- Unlike sliding or rolling designs, Eaton's flexible conductors have no moving parts to wear out and are maintenance-free—resulting in longer circuit breaker life
- Spiral contact design provides a self-induced magnetic effect that moves the arc root around the contact periphery, preventing hot spots and minimizing contact erosion
- Mechanically and electrically trip-free stored energy mechanism design ensures breaker contacts will not close or touch during a trip or close command; for added user safety, the closing springs will discharge automatically when the breaker is withdrawn from or inserted into its compartment

Order entry

VCP-W circuit breakers are now fully configurable with a 15-digit catalog number and will come with a QR code that can be used to view breaker-specific information online.



VCP-W circuit breakers—one of the **most trusted** medium-voltage breakers for over 50 years



We make what matters work.*

* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure—these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

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Powering Business Worldwide

Metal-Clad Switchgear—VacClad-W—Medium Voltage Drawout Vacuum Breakers

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Transfer Switches—Medium Voltage . . . . . **See Tab 12**

Specifications

See Eaton's *Product Specification Guide*, available on CD or on the Web.

CSI Format:	1995	2010
	Section 16346	**Sections 26 13 26**



VacClad-W Metal-Clad Switchgear

5

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Application Description

Eaton's VacClad-W metal-clad switchgear with Type VCP-W vacuum breakers provides centralized control and protection of medium voltage power equipment and circuits in industrial, commercial and utility installations involving generators, motors, feeder circuits, and transmission and distribution lines.

VacClad-W switchgear is available in maximum voltage ratings from 4.76 kV through 38 kV, and interrupting ratings as shown below. VacClad-W offers a total design concept of cell, breaker and auxiliary equipment, which can be assembled in various combinations to satisfy user application requirements. Two-high breaker arrangements are standard up to 15 kV. One-high arrangements can be furnished when required.

Ratings

Maximum Voltages:

4.76 kV, 8.25 kV, 15 kV, 27 kV, 38 kV

Interrupting Ratings:

4.76 kV: Up to 63 kA
8.25 kV: Up to 63 kA
15.0 kV: Up to 63 kA
27.0 kV: Up to 40 kA
38.0 kV: Up to 40 kA

Continuous Current—Circuit Breakers:

1200A, 2000A, 3000A (5 and 15 kV)
4000A Forced cooled (5 and 15 kV)
1200A, 2000A, (27 kV)
600A, 1200A, 1600A, 2000A, 2500A (38 kV)
3000A Forced cooled (38 kV)

Continuous Current—Main Bus:

1200A, 2000A, 3000A (5 and 15 kV)
4000A (5 and 15 kV)
1200A, 2500A (27 kV)
1200A, 2000A, 2500A, 3000A (38 kV)

Note: Continuous currents above 4000A, contact Eaton.

Certifications

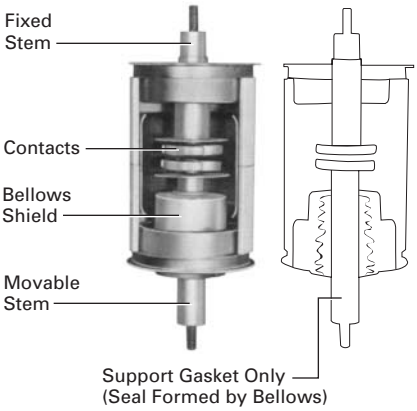
- UL and CSA listings are available



Typical Indoor Assembly with a Breaker Withdrawn on Rails



VCP-W Breaker Element



Cut-Away View of Vacuum Interrupter (Enlarged to Show Detail)

Advantages

Eaton's Electrical Sector has been manufacturing metal-clad switchgear for over 50 years, and vacuum circuit breakers for over 30 years. Tens of thousands of Eaton vacuum circuit breakers, used in a wide variety of applications, have been setting industry performance standards for years.

With reliability as a fundamental goal, Eaton engineers have simplified the VacClad-W switchgear design to minimize problems and gain trouble-free performance. Special attention was given to material quality and maximum possible use was made of components proven over the years in Eaton switchgear.

Maintenance requirements are minimized by the use of enclosed long-life vacuum interrupters. When maintenance or inspection is required, the component arrangements and drawers allow easy access. VacClad-W's light weight simplifies handling and relocation of the breakers.

Standards

Eaton's VacClad-W switchgear meets or exceeds ANSI/ IEEE C37.20.2 and NEMA® SG-5 as they apply to metal-clad switchgear. The assemblies also conform to Canadian standard CSA®-C22.2 No. 31-04, and EEMAC G8-3.2. Type VCP-W vacuum circuit breakers meet or exceed all ANSI and IEEE standards applicable to AC high voltage circuit breakers rated on symmetrical current basis.

Seismic Qualification



Refer to **Tab 1** for information on seismic qualification for this and other Eaton products.

Metal-Clad Switchgear Compartmentalization

Medium voltage metal-clad switchgear equipment conforming to C37.20.2 is a compartmentalized design, wherein primary conductors are fully insulated for the rated maximum voltage of the assembly, and all major primary circuit components are isolated from each other by grounded metal barriers. This type of construction minimizes the likelihood of arcing faults within the equipment and propagation of fault between the compartments containing major primary circuits.

The C37.20.2 metal-clad switchgear equipment is designed to withstand the effects of short-circuit current in a bolted fault occurring immediately downstream from the load terminals of the switchgear. The bolted fault capability is verified by short-time and momentary short-circuit withstand current testing on complete switchgear, as well as by fault making (close and latch) testing on the switching devices as shown in **Figure 5.1-1**.

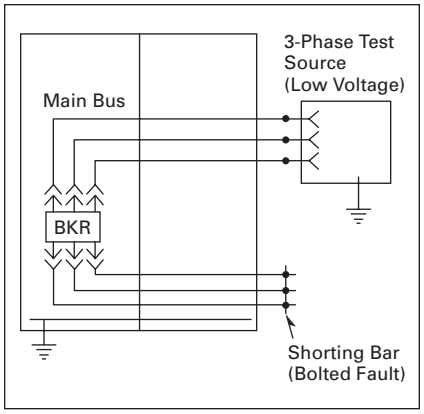


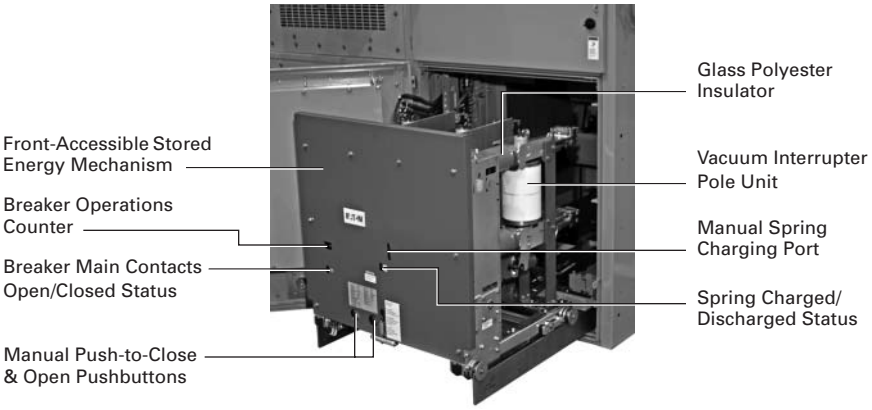
Figure 5.1-1. Metal-Clad Switchgear Short-Circuit and Momentary Withstand Tests

The short-time current withstand tests demonstrate electrical adequacy of busses and connections against physical damage while carrying the short-circuit current for a given duration. The momentary current withstand tests demonstrate the mechanical adequacy of the structure, busses and connections to withstand electro-magnetic forces with no breakage of insulation. It should be noted that design testing of standard metal-clad switchgear does not involve any internal arcing faults.

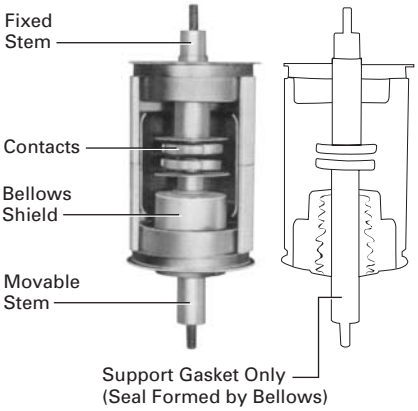
Features—Vacuum Circuit Breaker

- High power laboratory tests prove VCP-W breakers are capable of 50 to 200 full fault current interruptions
- V-Flex (stiff-flexible) current transfer from the vacuum interrupter moving stem to the breaker primary disconnecting contact is a non-sliding/non-rolling design, which eliminates maintenance required with the sliding/rolling type transfer arrangements. The V-Flex system provides excellent electrical and thermal transfer, and long vacuum interrupter life.
- Easy inspection and accessibility is afforded by a front-mounted stored energy operating mechanism. The same basic mechanism is used on all ratings, which requires a minimum investment in spare parts
- All VCP-W circuit breakers are horizontal drawout design, which provides connect, test and disconnect position. A latch secures the breaker in the connected and disconnected/ test position. 5/15/27 kV breakers can be fully withdrawn on extension rails for inspection and maintenance without the need for a separate lifting device. 38 kV circuit breaker is designed to roll directly on the floor
- All breaker functions, indicators and controls are grouped on an easily accessible panel on front of the breaker
- Trip-free interlocks prevent moving a closed circuit breaker into or out of the connected position
- Breaker cannot be electrically or mechanically closed when in the intermediate position
- Closing springs automatically discharge before moving the circuit breaker into or out of the enclosure
- Breaker frame remains grounded during levering and in the connected position
- Coding plates are provided to ensure only correct breaker rating can be installed in cell
- Quality Assurance Certificate is included with each circuit breaker
- Easy-to-see contact erosion indicator is provided as standard on the vacuum interrupter moving stem. Only periodic visual inspection is required to verify that the contacts have not worn out
- A simple visual means, T-cutout, is provided to verify by simple visual inspection that the loading springs are applying proper pressure to the contacts when the breaker is closed
- Corona-free design increases circuit breaker reliability and in-service life by maintaining insulation integrity
- Vacuum interrupters with copper-chrome contacts provide superior dielectric strength and very low chop current
- High-strength, high-impact, track-resistant glass polyester on 5/15 kV and cycloaliphatic epoxy on 27/38 kV is used for primary insulation and support as standard

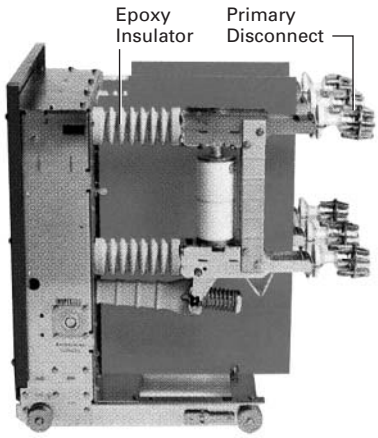
Type VCP-W Vacuum Circuit Breakers



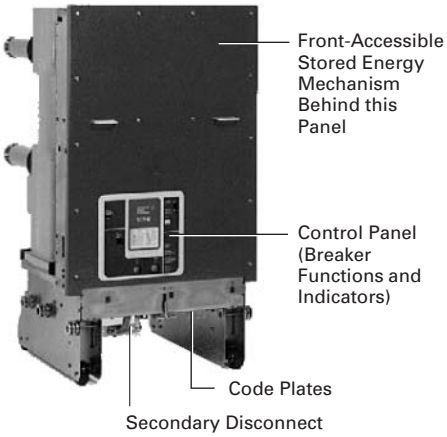
Type VCP-W 5/15 kV Circuit Breaker



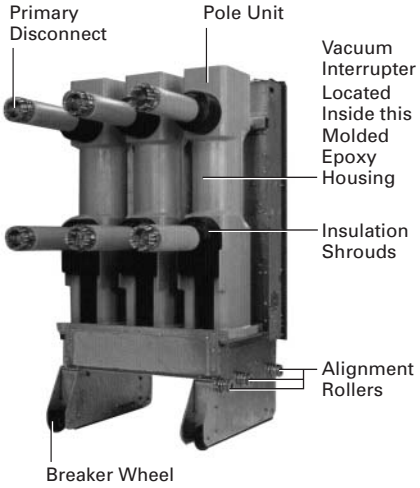
Cut-away View of Vacuum Interrupter (Enlarged to Show Detail)



Type VCP-W 27 kV Circuit Breaker—Side View



Type VCP-W 38 kV Circuit Breaker—Front View



Type VCP-W 38 kV Circuit Breaker—Rear View

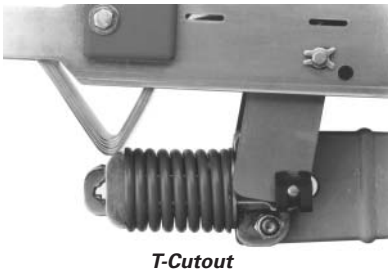
Type VCP-W Circuit Breaker—Features



V-Flex System



Contact Erosion Indicator



T-Cutout

Features—Switchgear Assembly

VacClad is a Metal-Clad Design

Eaton's VacClad switchgear is an integrated assembly of drawout vacuum circuit breakers, bus and control devices coordinated electrically and mechanically for medium voltage circuit protection and control. The metal-clad integrity provides maximum circuit separation and safety.

- All circuit breakers are equipped with self-aligning and self-coupling primary and secondary disconnecting devices, and arranged with a mechanism for moving it physically between connected and disconnected positions
- All major primary components, such as circuit breaker, voltage transformer, control power transformer, and buses are completely enclosed and grounded by metal barriers. A metal barrier in front of the circuit breaker and auxiliary drawer ensures that, when in the connected position, no live parts are exposed by opening the compartment door
- Automatic shutters cover primary circuit elements when the removable element is in the disconnected, test or removed position
- All primary bus conductors and connections are insulated with track-resistant fluidized bed epoxy coating for rated maximum voltage of the assembly
- Mechanical interlocks are provided to maintain a proper and safe operating sequence
- Instruments, meters, relays, secondary control devices and their wiring are isolated, where necessary, by grounded metal barriers from all primary circuit elements

VacClad is Corona Free

Corona emissions within the standard VacClad switchgear assemblies have been eliminated or reduced to very low levels by special fabrication and assembly techniques, such as rounding and buffing of all sharp copper edges at the joints, employing star washers for bolting metal barriers, and using specially crafted standoff insulators for primary bus supports. By making switchgear assemblies corona-free, Eaton has made its standard switchgear more reliable.

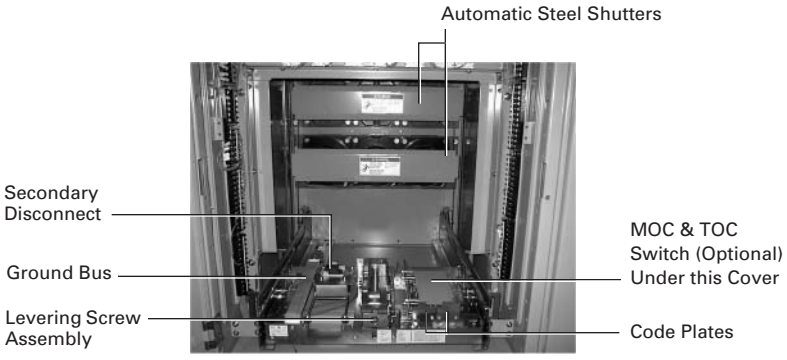
Circuit Breaker Compartment

- The mechanism for levering the breaker is a unique cell mounted design. It incorporates all the safety interlocks to render the breaker mechanically and electrically trip-free during the levering procedure
- A silver-plated copper ground bus provided on the levering pan assembly is engaged by a spring loaded ground contact on the circuit breaker to ensure that the circuit breaker remains grounded throughout its travel

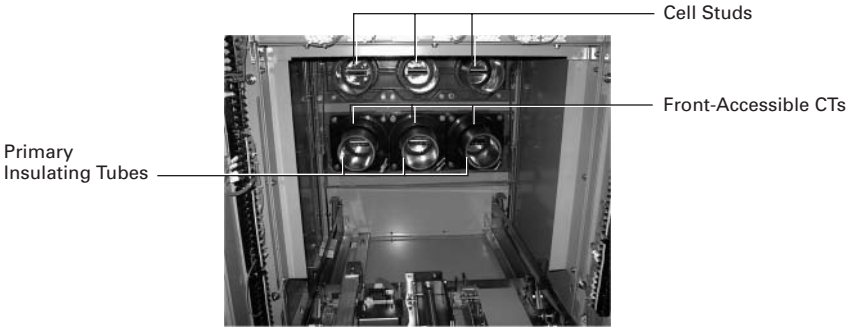
Type VCP-W Metal-Clad Switchgear Assembly (5/15 kV Shown)



Front View



Circuit Breaker Compartment



Circuit Breaker Compartment Shown with Shutters Opened for Illustration

Circuit Breaker Compartment (Continued)

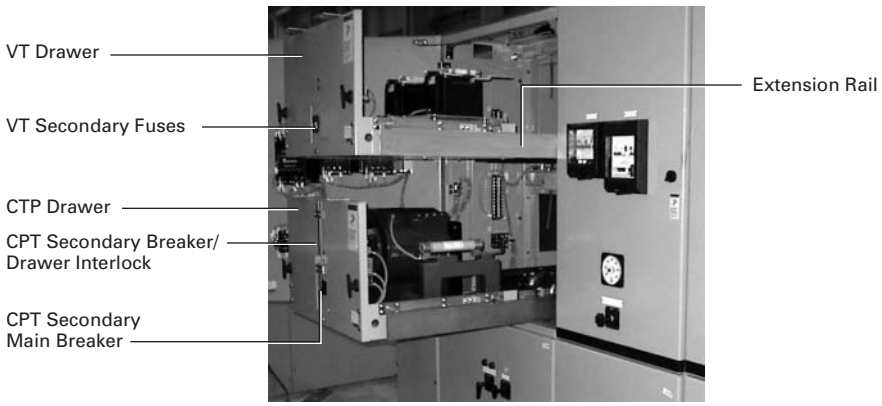
- Each circuit breaker compartment is provided with steel shutters (breaker driven) that automatically rotate into position to cover the insulating tubes and stationary cell studs to prevent accidental contact with live primary voltage, when the breaker is withdrawn from the connected position
- Current transformers installed over the primary insulating tubes, located behind the steel shutters, are front accessible. Up to four standard accuracy current transformers can be installed per phase. Front accessibility permits adding or changing the transformers when the unit is de-energized without breaking high voltage connections and primary insulation
- Code plates ensure that only correct breaker rating can be installed in cell

Auxiliary Compartments

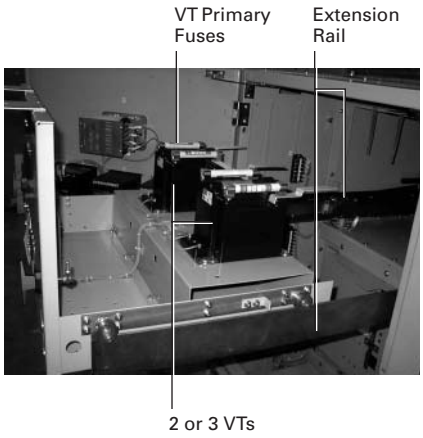
5/15 kV VacClad design permits up to four auxiliary drawers in one vertical unit (only two shown in the photo). These drawers can be used for installing voltage or control power transformers, or primary fuses. Each drawer can also be configured for use as a battery tray.

- Each auxiliary drawer is a horizontal drawout design that can be fully withdrawn on extension rails similar to the breaker, thus allowing front access to auxiliary equipment to permit easy testing and fuse replacement
- A safety shutter (operated by the drawer) is included in each auxiliary drawer compartment. It automatically operates when the auxiliary drawer is withdrawn to protect workmen from accidental contact with the stationary primary contacts
- Each auxiliary drawer can accommodate two voltage transformers, connected line-to-line (open delta); three voltage transformers, connected line-to-ground; or single-phase control power transformer up to 15 kVA, 15 kV with their associated primary fuses. Three-phase control power transformer, or single-phase transformers larger than 15 kVA can be fixed mounted within the structure, with their primary fuses installed in the auxiliary drawer
- Control power transformer drawer is mechanically interlocked with the transformer secondary main breaker that requires the main breaker to be opened, so that the primary circuit is disconnected only under no-load when the drawer is withdrawn
- Grounding straps are provided in each drawer to automatically ground and discharge primary fuses when the drawer is withdrawn

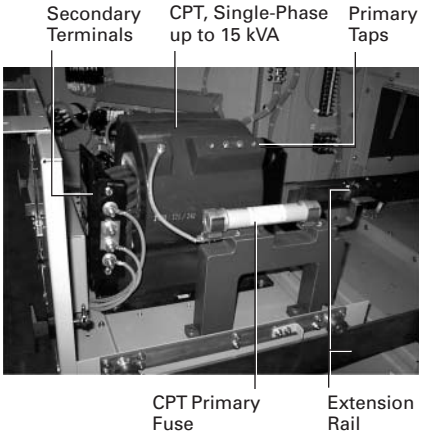
Type VCP-W Metal-Clad Switchgear Assembly (5/15 kV Shown)



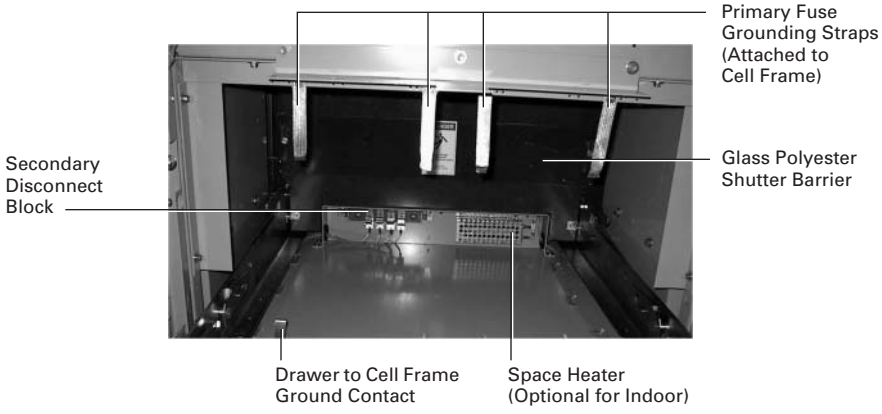
Drawout Auxiliaries



VT Drawer Shown Fully Withdrawn on Rails



CPT Drawer Shown Fully Withdrawn on Rails



VT/CPT Compartment with VT/CPT Drawer Removed—Inside View

5

Rear Compartments

Rear of each structure is segregated into main bus and cable compartments by grounded metal barriers, as required for a given application. Access to main bus and power cable connections is provided from the rear through removable bolted covers or optional rear hinged doors. Cable trough (chimney) is provided to segregate upper and lower compartment power cables as required.

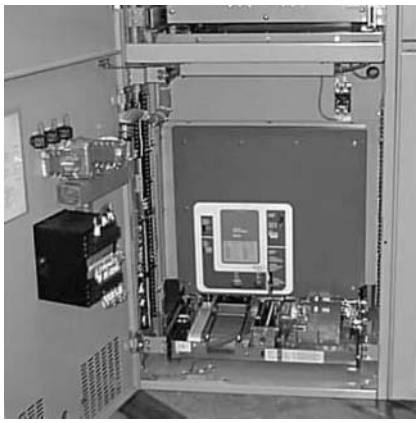
- All primary buses (main bus and line and load runbacks) are 100% conductivity copper, and insulated for rated maximum voltage of the assembly by flame retardant, track-resistant fluidized epoxy coating. The bolted bus joints are silver- or optionally tin-plated for positive contact and low resistance, with each joint insulated with easily installed boots. Bus supports between the adjacent units are made of high-impact, high-strength, track-resistant glass polyester at 5 and 15 kV, and cycloaliphatic epoxy at 27 and 38 kV
- Adequate space is available for cable termination, bus duct connection, installation of zero sequence current transformers, and surge arresters. In two-high arrangement, power cables for each circuit are separated by metal barriers
- A bare copper ground bus is provided in the rear of each structure, which extend the entire length of the switchgear
- All control wiring is isolated from primary circuit elements by grounded metal-conduit or braided metal jacket, with the exception of short lengths of wire such as at instrument transformer terminals

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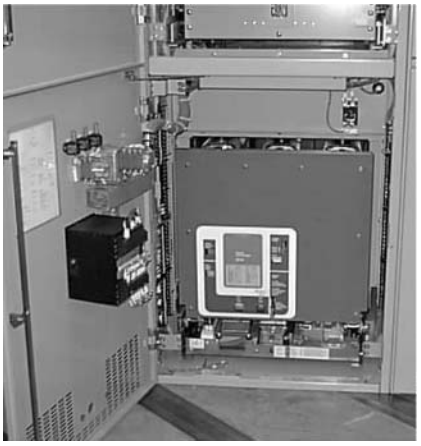
Type VCP-W Metal-Clad Switchgear Assembly (5/15 kV Shown)



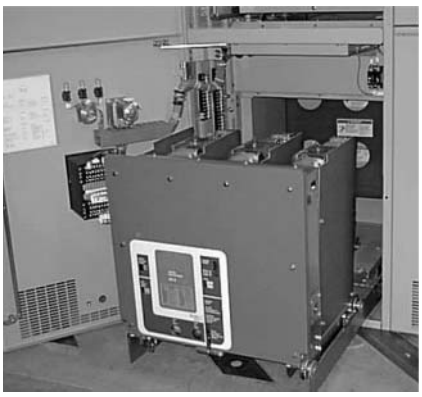
Rear View



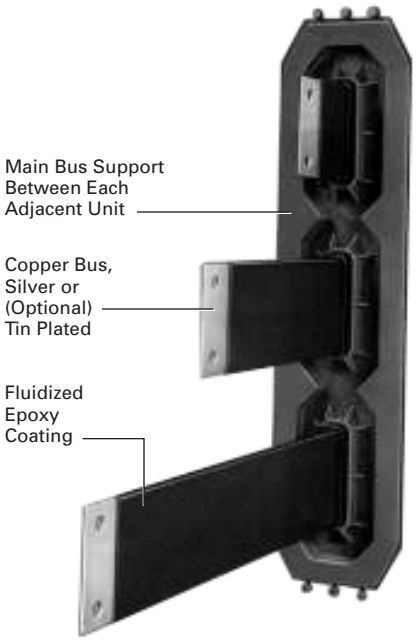
Breaker Shown in the Connected Position



Breaker Shown in the Test/ Disconnected Position



Breaker Shown in the Fully Withdrawn Position



Main Bus Details

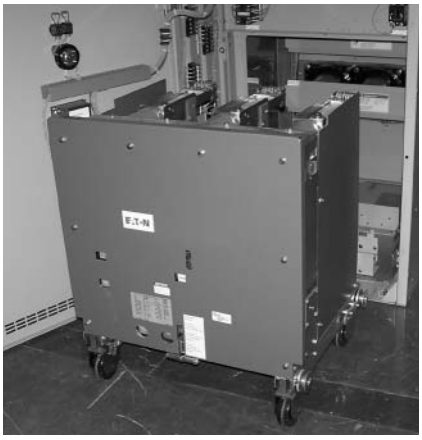
Roll-on-the-Floor Breaker Option



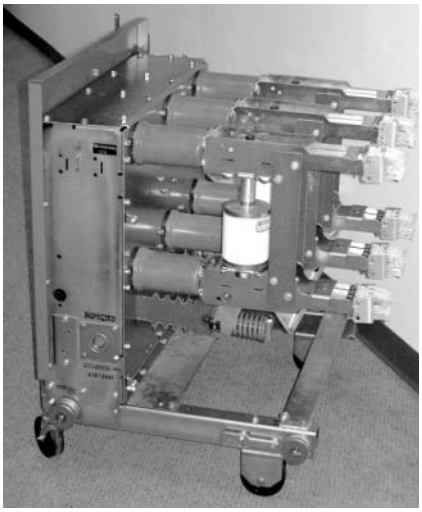
Roll-on-the-Floor Switchgear Compartment

An optional direct roll-in breaker designed for use in upper and lower compartment of 5/15 kV indoor and outdoor walk-in aisle switchgear is available for all 5/15 kV VCP-W, VCP-WC and VCP-WG circuit breakers. Breaker is fitted with special wheel kit, and compartment interface is modified to allow circuit breaker to be rolled directly from the floor into the switchgear compartment, or from switchgear compartment onto the floor without a need for external lifting device or dolly. The circuit breaker can be supplied with all four fixed wheels or can be supplied with two swivel-type wheels on the front and two fixed wheels on the rear. In 2-high construction, the roll-on-the-floor breaker option is available for breakers in upper or lower compartments, however, removal of upper breaker requires external lifter and lift pan, which are optional accessories.

When using a 1200 or 2000A circuit breaker in the lower compartment, the compartment above the breaker can be left blank or used of auxiliaries, such as VTs or single-phase CPT, or primary fuses for three-phase or larger than 15 kVA single-phase CPTs. When using 3000A circuit breaker in the lower compartment, the compartment above the breaker is left blank for ventilation. The design is rated for application in Seismic Zone 4 environment. It can also be supplied with UL or CSA label for certain ratings. Contact Eaton for ratings available with UL/CSA label. The overall dimensions of the 5/15 kV indoor and outdoor walk-in aisle structures with the roll-on-the-floor breaker option are the same as the standard structures that use standard non roll-on-the-floor circuit breakers.



VCP-W Direct Roll-in Breaker with Fixed Wheels



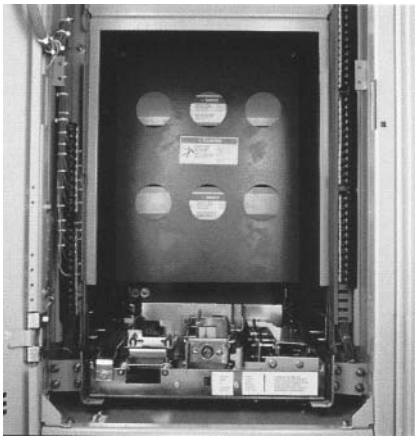
VCP-W Direct Roll-in Breaker with Swivel Wheels on Front

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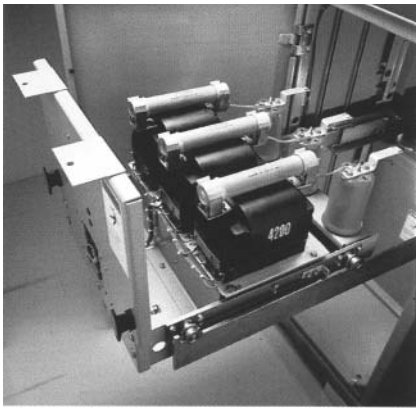
26.00-Inch (660.4 mm) Wide 5 kV 250 MVA Switchgear



Fully Withdrawn Breaker



Automatic Shutters



Fused PT Drawer

Application Description

This narrow width VacClad-W MV Metal-Clad switchgear was designed for use in instances where floor space requirements would not allow the industry standard 36.00-inch (914.4 mm) wide switchgear. Typical applications include not only new construction but also replacement switchgear for installations previously equipped with 26.00-inch (660.4 mm) wide air-break devices. This line of switchgear has also been used where 5 kV, 1200A, 250 MVA applications are commonplace, such as generator and control applications.

Ratings

The 26.00-inch (660.4 mm) wide switchgear line is designed for use with Eaton's Type VCPW-ND *"Narrow Design"* vacuum circuit breakers rated 4.76 kV, 60 kV BIL, 250 MVA, 1200A maximum, with rated main bus of 1200 or 2000A. For installations requiring 2000A main breakers with 1200A feeders, lineups can be built with standard 36.00-inch (914.4 mm) wide main breaker cubicles and 26.00-inch (660.4 mm) wide feeders.

Configurations

26.00-Inch (660.4 mm) Wide Standard Model

The 26.00-inch (660.4 mm) wide design is flexible. Available configurations include breaker over breaker, one or two auxiliary drawers over breaker, breaker over one or two auxiliary drawers, or up to four auxiliary drawers in one vertical section. The standard height and depth are 95.00-inch (2413.0 mm) and 96.25-inch (2444.8 mm) respectively. A breaker over auxiliary, or auxiliary over breaker combination can be supplied in reduced depth of 86.25-inch (2190.8 mm). The depth of breaker over breaker combination can also be reduced to 86.25-inch (2190.8 mm) if power cables for top breaker enter from the top and the cables for bottom breaker enter from the bottom.

The main bus location and connections in the standard 95.00-inch (2413.0 mm) high 26.00-inch (660.4 mm) wide design are 100% compatible with standard 95.00-inch (2413.0 mm) high 36.00-inch (914.4 mm) wide vertical sections. As a result, additions to existing Eaton 5 kV, 250 MVA 36.00-inch (914.4 mm) wide VCP-W installations can be simply and rapidly performed without costly system modifications and transition sections. Refer to **Pages 5.5-7** and **5.5-8** for available configurations, dimensions and weights.

26.00-Inch (660.4 mm) Wide Low Profile Model

In addition to the floor space saving offered by the standard 26.00-inch (660.4 mm) wide model, a further saving in the height and depth of the switchgear is also available. Where height and depths are an issue, such as an outdoor powerhouse or in a mobile power container, the standard 95.00-inch (2413.0 mm) high unit can be reduced to an 80.00-inch high (2032.0 mm), 72.00-inch (1828.9 mm) deep low profile model. Main bus rating available in the 80.00-inch (2032.0 mm) high x 72.00-inch (1828.9 mm) deep low profile model is limited to 1200A maximum. It is not compatible in size or location with standard 26.00-inch (660.4 mm) wide or 36.00-inch (914.4 mm) wide, 95.00-inch (2413.0 mm) high VCP-W units.

The low profile model is designed to house breaker over auxiliary or auxiliary over breaker, or auxiliary over auxiliary. In order to provide maximum vertical space for power cable terminations, auxiliary over breaker configuration should be used for customer's top entrance cables, and breaker over auxiliary configuration should be used for customer's bottom entrance cables. Auxiliary compartments are designed to accommodate one or two auxiliary drawers. That is, up to four auxiliary drawers can be installed in an auxiliary over auxiliary configuration. A set of two line-to-line or three line-to-ground connected voltage transformers, or a single-phase control power transformer up to 15 kVA can be installed in each auxiliary drawer. Because of the reduced depth, control devices cannot be located on breaker compartment door. All control devices should be located on the auxiliary compartment doors. Refer to **Pages 5.5-9** for available configurations, dimensions and weights.

For all 26.00-inch (660.4 mm) wide configurations, multifunction microprocessor-based relays and meters, such as Eaton's Digitrip® 3000 and IQ meters are recommended for reduced panel space.

27 kV Metal-Clad Switchgear

Application Description

Eaton's 27 kV nominal metal-clad switchgear is used for applications at system voltages higher than 15 kV, up to and including 27 kV. It is designed for use with Type VCP-W, horizontal drawout vacuum circuit breakers.

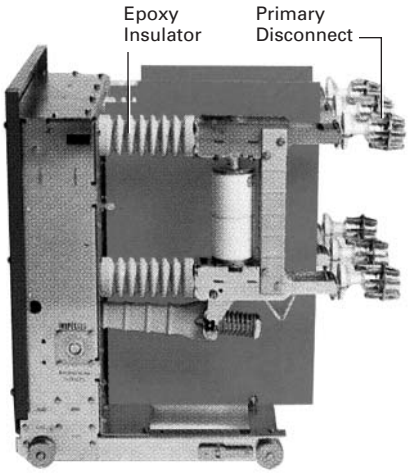
Ratings

- Maximum rated voltage: 27 kV rms
  Note: Eaton tested to 28.5 kV.
- BIL withstand: 125 kV peak
- Maximum symmetrical interrupting: 16 kA, 22 kA, 25 kA, 40 kA rms
- Continuous current:
  Circuit breakers—1200A, 2000A
  Switchgear main bus—
  One-high design: 1200A, 2000A
  Two-high design: 1200A, 2000A, 2500A, 2700A

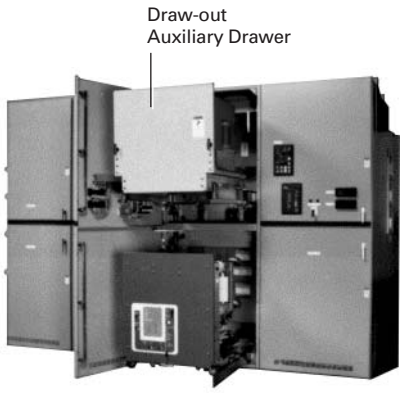
Features and Configurations

27 kV metal-clad switchgear design is an extension of Eaton's 5 and 15 kV VacClad design. It has same footprint and overall space envelop, and it incorporates all features and advantages of the 5 and 15 kV VacClad design, with the exception of some modifications required for 27 kV application.

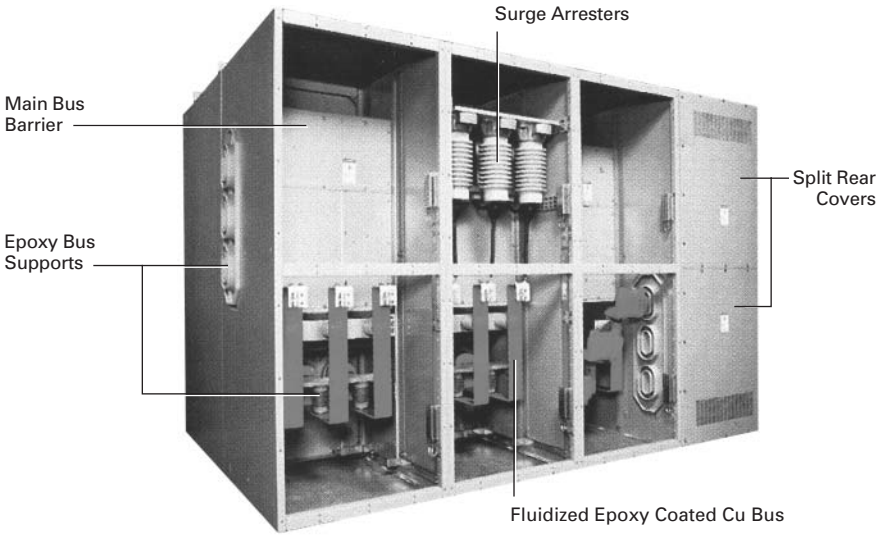
- Uses horizontal drawout type VCP-W 125 kV BIL rated vacuum circuit breakers
- A cycloaliphatic epoxy insulation material is used throughout the switchgear housings and the circuit breakers for phase-to-ground and phase-to-phase primary bus supports. For decades, cycloaliphatic epoxy insulation has demonstrated its outstanding electrical and mechanical characteristics in harsh outdoor applications. The use of this insulation system with the 27 kV design ensures a comfortable margin of safety at higher voltages
- All primary bus conductors are insulated for full 28.5 kV by fluidized epoxy coating. All buses are fabricated from 100% conductivity copper. Bus joints are silver- or tin-plated as required, and covered with pre-formed insulating boots to maintain metal-clad integrity
- Available configurations include: auxiliary over breaker, and auxiliary over auxiliary. Each auxiliary or breaker requires one-half vertical space
- Each auxiliary drawer can accommodate two voltage transformers connected line-to-line, or three voltage transformers connected line-to-ground, which can be withdrawn for easy maintenance and replacement of primary fuses
- When required by an application, a single-phase control power transformer up to 37.5 kVA, or a three-phase control power transformer up to 75 kVA can be fixed mounted in the front bottom compartment, with the primary fuses in an auxiliary drawer located in the upper compartment. When the control power transformer is located remotely from the switchgear, but fed through primary fuses located in the switchgear, the fuses are installed in an auxiliary drawer. The primary fuse drawer is key interlocked with the control power transformer secondary main breaker to ensure that it is opened first, and transformer load is disconnected, before the fuse drawer can be withdrawn
- 27 kV metal-clad switchgear is available in general purpose, ventilated, indoor or outdoor aisleless type enclosure
- Two-high 27 kV arrangements with breaker-over-breaker are available in indoor type enclosure
- **Roll-on-the-floor configurations are available**



27 kV VCP-W Circuit Breaker—Side View



27 kV Switchgear—Front View



27 kV Switchgear—Rear View

5

38 kV Metal-Clad Switchgear

Application Description

Eaton's VacClad switchgear family is designed for use in applications with distribution voltages up to 38 kV maximum. Typical applications include not only new construction but also replacement for older air-break, minimum oil or SF6 switchgear. The circuit breaker and switchgear will meet industry requirements for greater safety, quality, superior reliability and minimal maintenance while providing higher insulation levels in less space than other breaker types, thus reducing overall switchgear size for significant space savings.

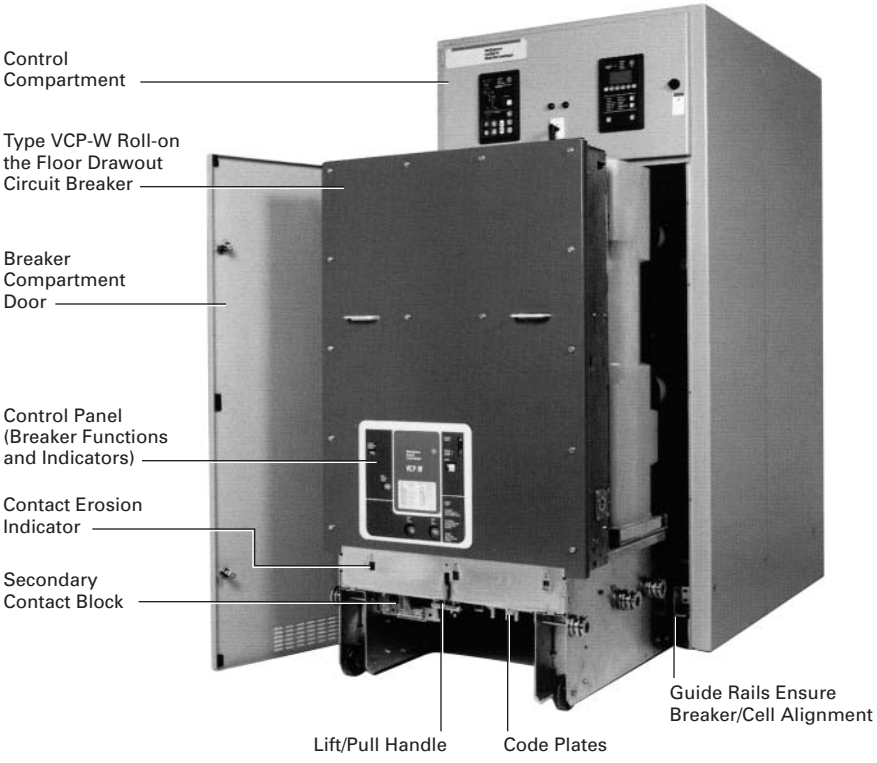
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Ratings

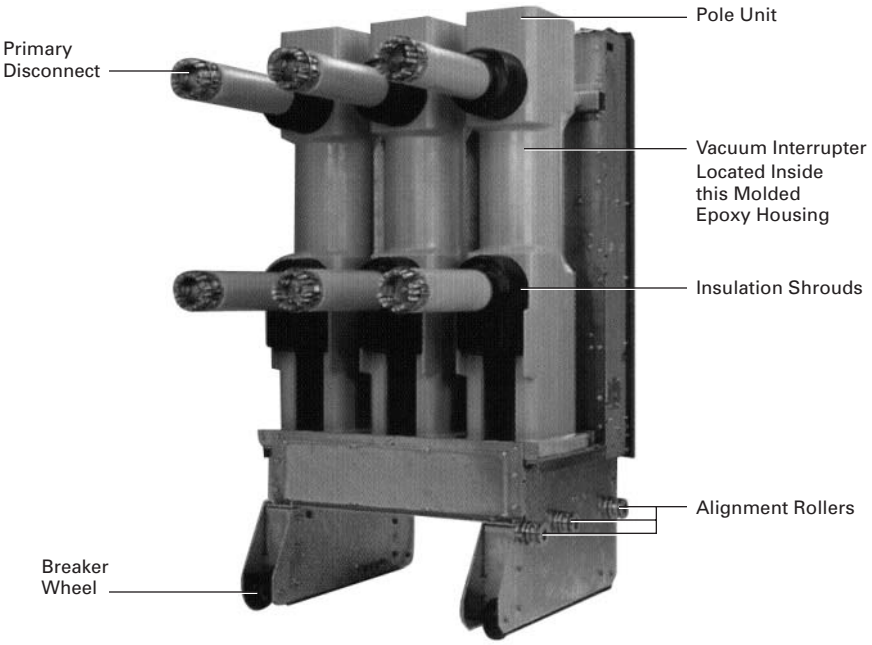
- Maximum rated voltage: 38 kV rms
- BIL withstand: 150 and 170 kV peak
- Maximum symmetrical interrupting with K = 1: 16 kA, 25 kA, 31.5 kA, 40 kA rms, and 35 kA rms (21 kA rating with K = 1.65)
- Continuous current:
  Circuit breakers—up to 2500A
  Switchgear main bus—up to 3000A

Features—38 kV Vacuum Circuit Breaker

- Corona-free design increases circuit breaker reliability and in-service life by maintaining insulation integrity
- Superior cycloaliphatic epoxy insulation—a void-free insulating material with outstanding electrical and mechanical characteristics, such as track resistance, dielectric strength, and fungus resistance, even in harsh industrial environment—is used throughout the circuit breaker as primary phase-to-phase and phase-to-ground insulation
- Axial-magnetic, copper-chrome contacts are used in 38 kV vacuum interrupters to provide superior dielectric strength, better performance characteristics, and lower chop current
- High power laboratory tests prove VCP-W breakers are capable of 50 to 200 full fault current interruptions
- V-Flex (stiff-flexible) current transfer from the vacuum interrupter moving stem to the breaker primary disconnecting contact is a non-sliding/non-rolling design, which eliminates maintenance required with the sliding/rolling type transfer arrangements. The V-Flex system provides excellent electrical and thermal transfer, and long vacuum interrupter life
- Easy inspection and accessibility is afforded by front mounted stored energy operating mechanism. The same basic mechanism is used on all ratings, which requires a minimum investment in spare parts
- All 38 kV circuit breakers are horizontal drawout design, which provide connect, test and disconnect position. A latch secures the breaker in the connected and disconnected/test position. The circuit breaker is designed to roll directly on the floor



38 kV Breaker—Fully Withdrawn



38 kV Breaker—Rear View

Features—38 kV Vacuum Circuit Breaker (Continued)

- All breaker controls and indicators are functionally grouped on the front control panel and include: main contact status, closing spring status, port for manual spring charging, close and trip button, and mechanical operations counter
- Clearly visible contact erosion indicator on the front of the breaker
- Trip-free interlocks prevent moving a closed circuit breaker into or out of the connected position
- Breaker cannot be electrically or mechanically closed when in the intermediate position
- Closing springs automatically discharge before moving the circuit breaker into or out of the enclosure
- Breaker frame remains grounded during levering and in the connected position
- Coding plates are provided to ensure only correct breaker rating can be installed in cell
- Quality Assurance Certificate is included with each circuit breaker

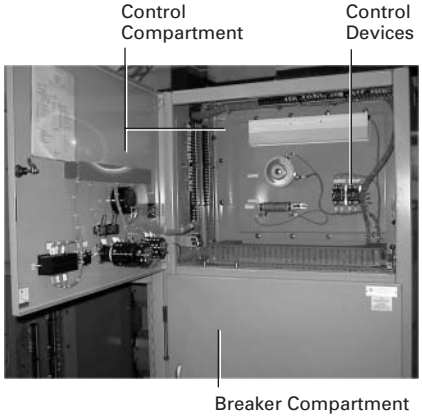


38 kV Switchgear—Circuit Breaker Compartment

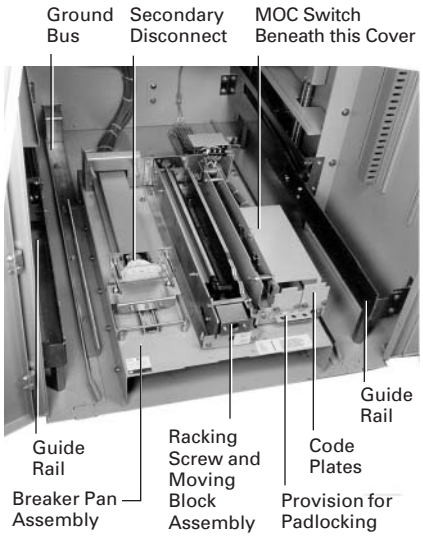
Features—38 kV Switchgear Assembly

Like the circuit breaker described above, the 38 kV switchgear assembly is a corona-free metal-clad design. It incorporates many features and advantages of 5, 15 and 27 kV VacClad design, with additional modifications required for 38 kV application.

- Industry-leading cycloaliphatic epoxy supports are used for primary phase-to-phase and phase-to-ground insulation throughout, providing 170 kV BIL and 80 kV (1 minute) power frequency withstand capability
- All primary bus conductors are insulated for full 38 kV by fluidized epoxy coating. All buses are fabricated from 100% conductivity copper. Bus joints are silver- or tin-plated as required, and covered with Eaton's pre-formed insulating boots to maintain metal-clad integrity

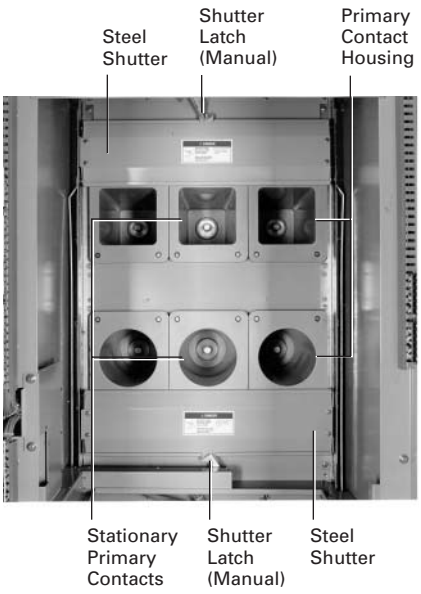


38 kV Switchgear—Control Compartment



Breaker Levering Pan Assembly

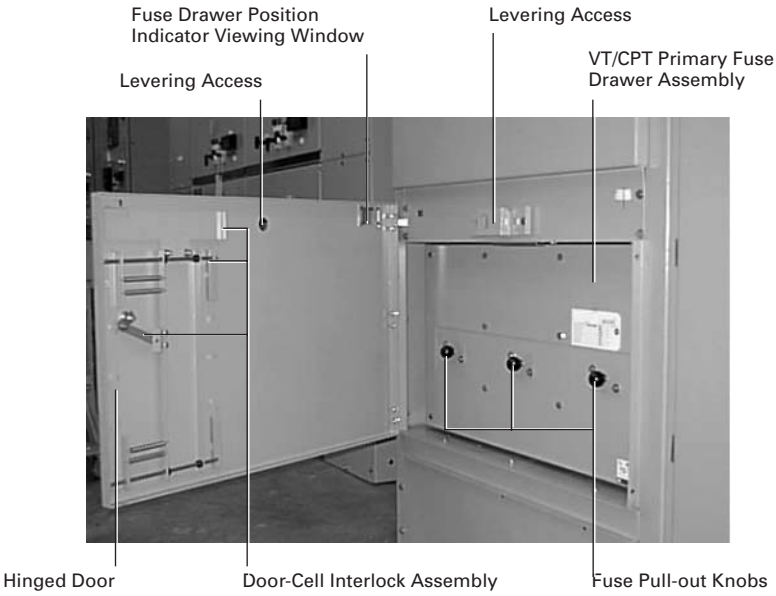
- Circuit breaker compartment is designed to interface with Type VCP-W 38 kV circuit breaker. It includes floor-mounted breaker pan assembly (levering assembly) with all safety interlocks required by the metal-clad design. Cell mounted guide rails accurately guide the breaker into the cell during levering, and ensure correct alignment of the circuit breaker primary disconnects with the cell primary contacts when breaker reaches connected position
- Coding plates are provided to ensure only correct breaker rating can be installed in the cell
- Automatic steel shutters cover cell primary contacts when circuit breaker is withdrawn from its connected position, to prevent persons from accidentally touching the stationary primary cell contacts. Each shutter can be padlocked in the closed or open position. It can also be manually latched open as required for maintenance



Breaker Compartment (Shutter Shown Open for Illustration)

5

Features—38 kV Switchgear Assembly (Continued)



VT/CPT Primary Fuse Drawer (Shown with Door Open)

- A separate control compartment is provided for installation of protection, metering and control devices. No devices are located on circuit breaker compartment door
- Rear of the switchgear is divided in main bus and cable compartments, isolated from each other by grounded metal barriers. Sufficient space is available for customer's top or bottom entry power cables. Bus duct terminations can also be supplied. A bare copper ground bus is provided along the entire lineup, with an extension in each cable compartment for termination of power cable shields

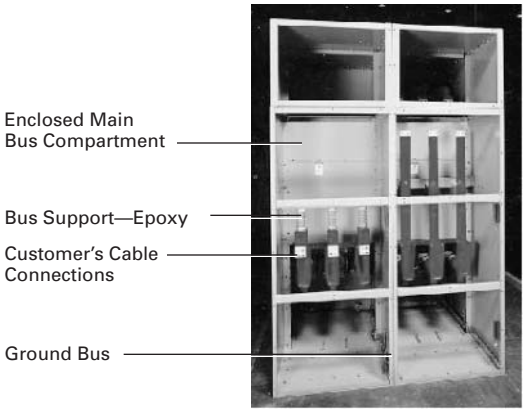
38 kV, 170 kV BIL Design

- Line side current transformer bushings are included as standard. Bus side current transformer bushings are only included when bus side current transformers are supplied
- Ring-type current transformers are installed over bus or line side primary insulating bushings as required. They are accessible from the rear of the unit. Maximum two sets of standard accuracy or one set of high accuracy current transformers can be installed on the bus side; and three sets of standard accuracy or one set of standard, and one set of high accuracy transformers can be installed on the line side
- Voltage and control power transformers (VTs and CPTs), when required, are stationary mounted inside the cubicle, with their primary fuses installed in a drawout auxiliary drawer
- Each primary fuse drawer is provided with a levering mechanism for moving the drawer within its compartment between connected and disconnected positions, with the compartment door closed. The levering mechanism is mechanically interlocked with the compartment door such that the door cannot be opened, and access to the primary fuses cannot be gained, until the drawer is levered out to the disconnected position. A colored flag visible through a small viewing window on the compartment door indicates the position of the drawer inside the compartment as follows:
  - Red Color—drawer is in the fully connected position
  - Green Color—drawer is in the fully disconnected position
  - Orange Color—drawer is in-between connected and disconnected position
- Also provided are grounding straps to automatically discharge the fuses as they are pulled from the fuse holders
- On VT fuse drawers, a cell switch automatically disconnects the secondary circuit before the primary fuses are disconnected as the drawer is withdrawn
- On CPT fuse drawers, the compartment door is key interlocked with the CPT main secondary circuit breaker such that the access to the drawer levering mechanism is blocked until the secondary main breaker is opened

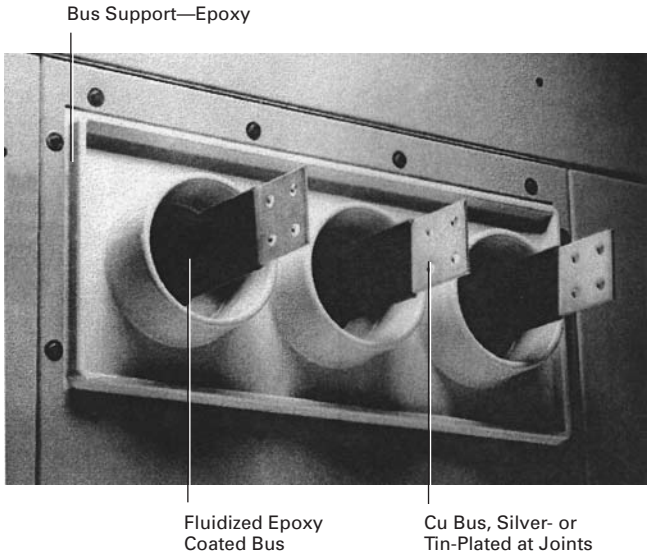
38 kV, 150 kV BIL Design

- This design is similar to 38 kV, 170 kV BIL design described previously, except main bus is oriented differently and the design is provided with drawout VT with integral fuses, and front accessible CTs. Each 38 kV 150 kV BIL indoor structure is 42.00-inch (1066.8 mm) wide x 95.00-inch (2413 mm) high x 124.36-inch (3158.8 mm) deep. The 150 kV BIL assembly uses the same 38 kV circuit breakers as in 170 kV BIL assemblies. The breakers are interchangeable between the two designs
- Voltage transformers are equipped with integral top-mounted primary fuses and installed in an auxiliary compartment. Two auxiliary compartments can be provided in one vertical section. Each auxiliary compartment can be supplied with 1, 2 or 3 VTs, and can be connected to bus or line, as required for a given application. The VTs assembly is located behind a fixed bolted panel, and provided with mechanism for moving it between connected and disconnected position. The VT assembly is interlocked with the fixed bolted panel such that the panel cannot be removed unless the VTs are withdrawn to disconnected position. A shutter assembly covers the primary stabs when VTs are withdrawn to disconnected position. A mechanism is also provided to automatically discharge VT primary fuses as the VTs are withdrawn from connected to disconnected position
- Ring type current transformers are installed over bus or line side primary insulating bushings, located behind the steel shutters, in the breaker compartment. In this design, the CTs are easily accessible from the front, after removal of the circuit breaker. The front accessibility permits adding or changing the CTs when the equipment is de-energized, but without removal of high voltage joints or primary insulation. The design allows installations of two sets of standard or one set of high accuracy CTs on each side of the circuit breaker
- As of this update, the 38 kV, 150 kV BIL design cannot be supplied for applications that require a CPT, or primary fuse drawer for a remote CPT. Contact Eaton for availability

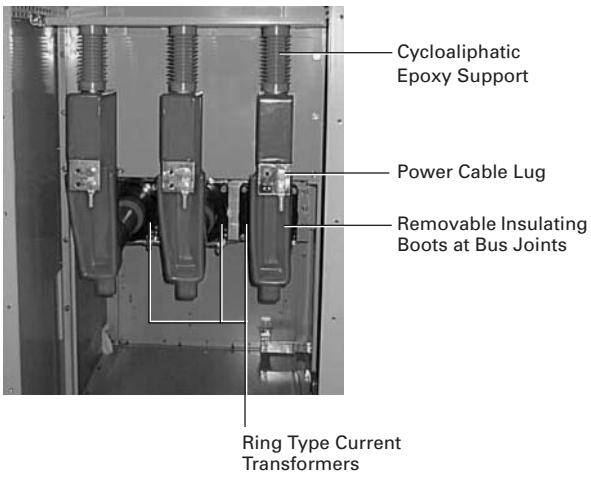
Features—38 kV Switchgear Assembly (Continued)



38 kV Switchgear Assembly—Rear View



Main Bus



Rear Compartment (Partial)

5

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Arc-Resistant Metal-Clad Switchgear Medium Voltage



Arc-Resistant Switchgear with Plenum Installed

Application Description

Eaton has been manufacturing arc-resistant metal-clad switchgear since 1990. Eaton was the first major North American manufacturer to design, test and manufacture arc-resistant switchgear in accordance with EEMAC G14.1. We now offer Type 2 and 2B arc-resistant switchgear assemblies, designed and tested in accordance with the IEEE C37.20.7, with Type VCP-W drawout vacuum circuit breakers.

Eaton's VacClad-W metal-clad arc-resistant switchgear with Type VCP-W vacuum circuit breakers can be configured in various combinations of breakers and auxiliaries to satisfy user's application requirements. One-high and two-high arrangements can be provided when required.

Arc-Resistant Switchgear—Accessibility Types

Arc-resistant switchgear performance is defined by its accessibility type in accordance with IEEE test guide C37.20.7 as follows:

Type 1—Switchgear with arc-resistant designs or features at the freely accessible front of the equipment only.

Type 2—Switchgear with arc-resistant designs or features at the freely accessible exterior (front, back and sides) of the equipment only. (Type 2 incorporates Type 1.)

Type 2B—Switchgear with Type 2 accessibility plus arc-resistant in front of the instrument/control compartment with the instrument/control compartment door opened. (Type 2B incorporates Type 2.)

Eaton's 5/15 kV switchgear is designed and tested for IEEE Type 2B accessibility, and 27 and 38 kV switchgear is designed and tested to IEEE Type 2.

Arc-resistant features are intended to provide an additional degree of protection to the personnel performing normal operating duties in close proximity to the equipment while the equipment is operating under normal conditions. The normal operating conditions for proper application of arc-resistant switchgear designs are as follows:

- All doors and covers providing access to high voltage components are properly closed and latched
- Pressure relief devices are free to operate
- The fault energy available to the equipment does not exceed the rating of the equipment (short-circuit current and duration)
- There are no obstructions around the equipment that could direct the arc fault products into an area intended to be protected
- The equipment is properly grounded

The user should also refer to documents such as NFPA 70E, for safety training and safe work practices and methods of evaluating safe work distances from energized equipment based on the potential flash hazard, and use proper PPE when working on or near energized equipment with the door/cover opened or not properly secured.

Standards

Switchgear Assembly

Eaton's VacClad-W metal-clad arc-resistant switchgear meets or exceeds the following standards and test guides:

North American Documents

- IEEE C37.20.2—Standards for Metal-Clad Switchgear
- IEEE C37.20.7—Guide for Testing Metal-Enclosed Switchgear for Internal Arcing Faults

Canadian Documents

- CSA C22.2 No. 31-04—Switchgear Assemblies
- EEMAC G8-3.2—Metal-Clad and Station Type Cubicle Switchgear
- EEMAC G14-1—Procedure for testing the resistance of metal-clad switchgear under conditions of arcing due to an internal fault. The G14-1 was the first North American testing guide introduced in 1987

Circuit Breakers

The Type VCP-W and VCP-WC vacuum circuit breakers, used in VacClad-W arc-resistant switchgear, meet or exceed all ANSI and IEEE standards applicable to AC high voltage circuit breakers rated on symmetrical current basis, including but not limited to: C37.04, C37.06, and C37.09. Also available are type VCP-WG vacuum circuit breakers conforming to IEEE standard C37.013 for AC high voltage generator circuit breakers.

Third-Party Certification

5 and 15 kV arc-resistant metal-clad switchgear assemblies can be provided with CSA (Canada or USA) or UL (USA only) listing. Contact Eaton for available ratings.

Arc-Resistant Metal-Clad Switchgear

Arc-resistant metal-clad switchgear also conforms to C37.20.2 and is tested as such for short time and momentary short-circuit withstand for through bolted fault as noted on **Page 5.1-2**. In addition, the enclosure is also tested in accordance with IEEE guide C37.20.7 for withstand against the effects of internal arcing faults as shown in **Figure 5.2-1**.

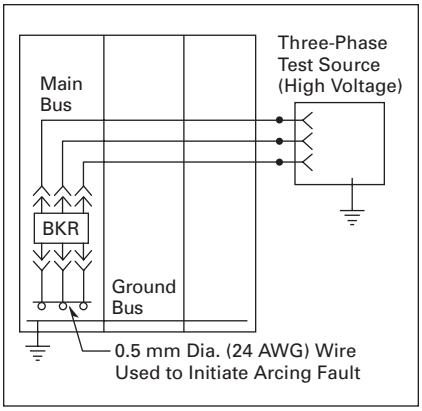


Figure 5.2-1. Arc-Resistant Switchgear Enclosure Internal Arcing Short-Circuit Withstand Test

Internal arcing faults are those faults occurring in air, phase-to-phase or phase-to-ground, within the confines of the switchgear enclosure. Arcing faults can occur within a switchgear compartment as a result of insulation failure or human error. The arcing fault produces a tremendous release of heat energy at the point of the fault, which heats and expands the air volume

within the enclosure, and may decompose or vaporize materials exposed to an arc or involved in its path. The effects of this type of fault vary depending on enclosure volume, arc duration, arc voltage, and available short-circuit current. If the switchgear is not designed and tested to withstand effects of internal arcing faults, its parts could blow away along with discharge of hot decomposed matter, gaseous or particulate, causing injury to personnel that may be present in its vicinity. Arc-resistant switchgear is designed to channel and control effects of the arcing fault and its enclosure is tested for withstand against such fault in accordance with IEEE guide C37.20.7.

5

Medium Voltage Vacuum Circuit Breaker Features and Ratings

VacClad-W metal-clad arc-resistant switchgear is designed for use with Eaton's state-of-the-art medium voltage vacuum type VCP-W (standard ANSI), VCP-WC (extra capability), and VCP-WG (generator) circuit breakers. Refer to **Tables 5.4-1B**, **5.4-2** and **5.4-3** for complete list of available ratings.

Arc-Resistant Enclosure and Arc Exhaust

VacClad-W arc-resistant switchgear is designed to withstand effects of internal arcing faults up to its rated arc short-circuit current and duration. The arc-withstand capability of the switchgear enclosure is achieved by use of reinforced heavier gauge steel where needed, smart latching of doors and covers, and top-mounted built-in pressure relief system. Following are standard design features built into each arc-resistant switchgear assembly.

- The formed steel compartment design provides sealed joints under fault conditions. This prevents smoke and gas from escaping to other compartments, a condition that can occur with switchgear compartments designed with conventional flat bolted panels
- Integral, pressure release flap vents mounted on top of each individual vertical section provide for controlled upward release of arc created overpressure, fire, smoke, gases and molten material out of the assembly without affecting structural integrity, and protect personnel who might be present in the vicinity of the switchgear
- The structure roof, including the pressure release flap vents, is drip proof. The design is made strong such that the roof can be "walked-on" when the gear is completely de-energized (for example, during installation)
- Since arc pressure is vented out through the top of each individual vertical section, the equipment damage is confined to individual structures, minimizing damage to adjacent structures

Circuit Breaker Compartment

- The levering mechanism is mechanically interlocked with the compartment door such that the door cannot be opened until the circuit breaker is opened and levered out to the test/disconnect position. This interlocking ensures that the levering of the circuit breaker into or out from the connected position is done with compartment door closed and latched, with no exposure to potential arc flash
- Easy access and viewing ports are provided on the door to allow operator to carry out all normal functions with the door closed and latched, with no exposure to potential arc flash. Those functions include: Breaker levering, manual charging of closing springs, manual opening and closing of the circuit breaker, viewing of open/close status of the breaker main contacts, viewing of charged/discharged status of the closing springs, viewing of mechanical operations counter, and breaker position

Auxiliary Compartments

VacClad arc-resistant 5/15 and 38 kV designs permit maximum of two auxiliary drawers in one vertical section. The 27 kV design permits maximum of only one auxiliary drawer per vertical section.

- Each auxiliary drawer is equipped with cell-mounted levering mechanism. The mechanism is mechanically interlocked with its compartment door such that the door cannot be opened and access to auxiliary drawer cannot be gained until the drawer is first levered out to the disconnected position. This interlocking ensures that the levering of the auxiliary drawer into or out from the connected position is done with compartment door closed and latched, with no exposure to potential arc flash
- A viewing window is provided on the door and on front panel of the drawer to allow viewing of the drawer position and the primary fuses
- In 5/15 kV designs, each auxiliary drawer can also accommodate a single-phase CPT rated up to 15 kVA, with primary fuses, or the drawer can also be configured as a fuse drawer with two or three primary fuses, and connected to a fixed mounted CPT (single-phase or three-phase 45 kVA maximum) in the rear of the structure
- In 27 kV designs, an auxiliary drawer can be configured as a fuse drawer with two primary fuses and connected to a fixed-mounted CPT (single-phase 25 kVA maximum) in the rear of the structure
- In 38 kV designs, fuse drawer can be provided with two primary fuses and connected to a fixed-mounted CPT (single-phase 25 kVA maximum) in the rear of the structure. Please note that in 38 kV designs, a fuse drawer requires a full vertical section, because it occupies the same compartment space as required for a circuit breaker

Control Compartments

The control compartment doors can be opened to access control wiring without having to de-energize the primary circuit. The control compartments have been tested to provide arc-resistant protection with its door opened under normal operating condition. Please note the control compartment door should be opened only for access to control wiring when needed, and should remain closed at all other times.

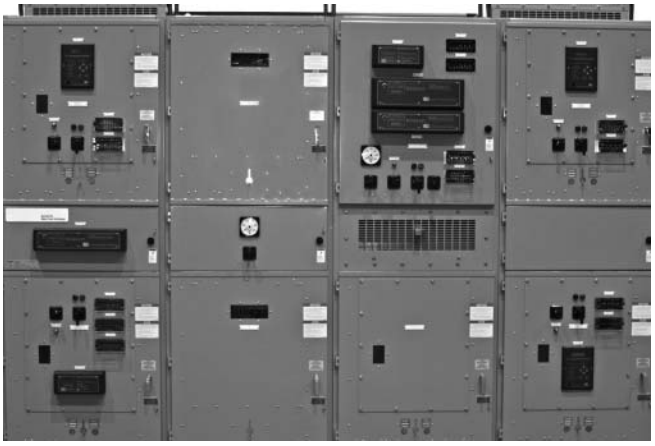
Relay Box on Breaker Compartment Door in 5/15 kV Switchgear

When needed for additional relays/instruments/controls, a relay box mounted on the breaker compartment door provides ample space for individual breaker relaying and controls. An access to control wiring or device terminals that are enclosed within the relay box does not require opening of the circuit breaker compartment door.

Arc Exhaust Wall and Arc Exhaust Chamber (Plenum)

Refer to **Page 5.5-38**.

5/15 kV Arc-Resistant Switchgear



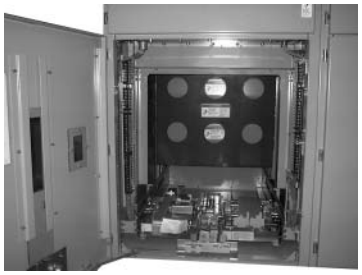
Front View—Type VCP-W 5/15 kV Arc-Resistant Switchgear (Plenum Above the Switchgear Not shown)



5/15 kV Auxiliary Over Auxiliary



5/15 kV Breaker Over Breaker



Breaker Compartment



Breaker Shown Fully Withdrawn on Extension Rails



VTs Drawer—Shown Fully Withdrawn



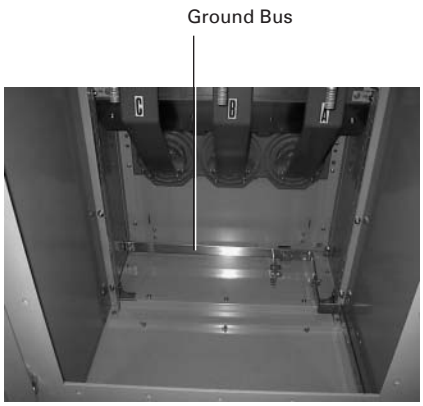
Fuse Drawer—Shown Fully Withdrawn



Rear View 5/15 kV VCP-W Arc-Resistant Switchgear



Rear View—Breaker Over Breaker Cable Termination



Rear View—Bottom Cable Compartment

Note: Application layouts and dimensions—refer to **Pages 5.5-19** to **5.5-29** and **Pages 5.5-38** to **5.5-40**.

27 kV Arc-Resistant Switchgear



Front View—27 kV VCP-W Arc-Resistant Switchgear (Plenum Above the Switchgear is Not Shown)



Typical 27 kV Cell—Controls in Top, Breaker in the Bottom



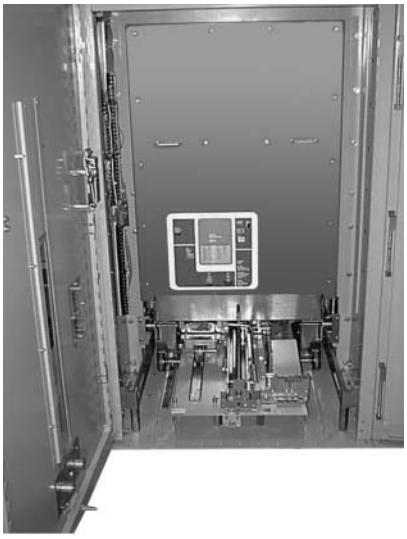
Rear View—Typical 27 kV Breaker Cable Termination

Note: Application layouts and dimensions—refer to **Pages 5.5-30** to **5.5-33** and **Pages 5.5-38** to **5.5-40**.

38 kV Arc-Resistant Switchgear



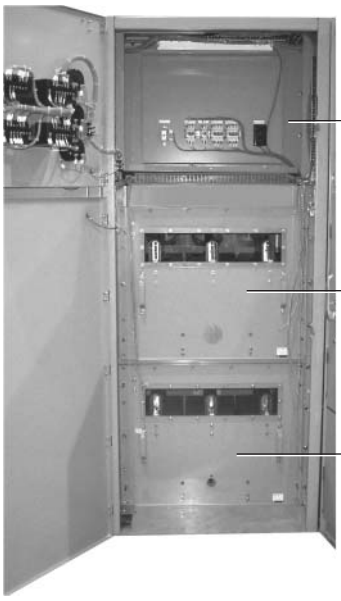
38 kV Arc-Resistant Switchgear (Shown Without Arc Plenum Above the Switchgear)



Circuit Breaker Compartment



Circuit Breaker Compartment Shown with Breaker Removed



Front View—VT Over VT



VT Tray—Side View (Shown Removed)



Rear Assembly

Note: Application layouts and dimensions—refer to **Pages 5.5-34** to **5.5-40**.

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Partial Discharge Sensing and Monitoring for Switchgear





Partial Discharge Equipment

Partial Discharge in Switchgear

Partial discharge is a common name for various forms of electrical discharges such as corona, surface tracking, and discharges internal to the insulation. It partially bridges the insulation between the conductors. These discharges are essentially small arcs occurring in or on the surface of the insulation system when voltage stress exceeds a critical value. With time, airborne particles, contaminants and humidity lead to conditions that result in partial discharges. Partial discharges start at a low level and increase as more insulation becomes deteriorated. Examples of partial discharge in switchgear are surface tracking across bus insulation, or discharges in the air gap between the bus and a support, such as where a bus passes through an insulating window between the sections of the switchgear. If partial discharge process is not detected and corrected, it can develop into a full-scale insulation failure followed by an electrical fault. Most switchgear flashover and bus failures are a result of insulation degradation caused by various forms of partial discharges.

Sensing and Monitoring

Eaton's Type VCP-W metal-clad switchgear (2.4–38 kV) is corona-free by design. Corona emissions within the standard VacClad switchgear assemblies have been eliminated or reduced to very low levels by special fabrication and assembly techniques, such as rounding and buffing of all sharp copper edges at the joints, employing star washers for bolting metal barriers, and using specially crafted standoff insulators for primary bus supports. By making switchgear assemblies corona-free, Eaton has made its standard switchgear more reliable. However, as indicated above, with time, airborne particles, contaminants and humidity lead to conditions that cause partial discharges to develop in switchgear operating at voltages 4000V and above. Type VCP-W switchgear can be equipped with factory-installed partial discharge sensors and partial discharge sensing relay for continuous monitoring of the partial discharges under normal operation. Timely detection of insulation degradation through increasing partial discharges can identify potential problems so that corrective actions can be planned and implemented long before permanent deterioration develops. Partial discharge detection can be the foundation of an effective predictive maintenance program. Trending of partial discharge data over time allows prediction of failures, which can be corrected before catastrophic failure occurs.

The PD sensing and monitoring system consists of Eaton's InsulGard™ Relay and PD sensors specifically developed for application in the switchgear to work with the relay.



InsulGard Relay (PD Monitoring)

Partial discharges within the switchgear compartment are detected by installation of a small donut type radio frequency current transformer (RFCT) sensor over floating stress shields of the specially designed bus or line side primary bushings. Partial discharges in customer's power cables (external discharges) are detected by installation of the RFCT around ground shields of the incoming or outgoing power cables termination.

In 38 kV switchgear (refer to **Figure 5.3-3**), one RFCT sensor is installed around primary bushing stress shield in every breaker compartment and supplied as standard for measurement of discharges internal to the switchgear compartment. Its output is wired to terminal blocks in control compartment for easy access for periodic field measurements. It can also be connected directly to optional InsulGard relay for continuous monitoring of partial discharges. Because one RFCT sensor is included in 38 kV breaker compartment, Eaton's 38 kV switchgear is "PD Sensing Ready" when received by the customer. An additional RFCT sensor for each incoming and outgoing power cable circuits can be provided as an option for measurement of external discharges.

In 5/15/27 kV switchgear (refer to **Figure 5.3-2**), primary epoxy bushings with stress shield and RFCT sensors for measurement of internal as well as external partial discharges are all optional. InsulGard relay is also optional. When specified, one set of primary epoxy bushings (located on bus side) with stress shield and associated RFCT sensor is provided at every two vertical sections. An additional RFCT sensor for each incoming and outgoing power cable circuits can be provided as required. The RFCT output signals can be connected directly to InsulGard relay for continuous monitoring of partial discharges or can be used for periodic field measurements.

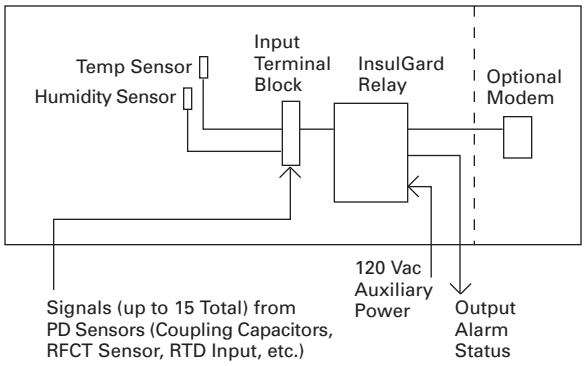
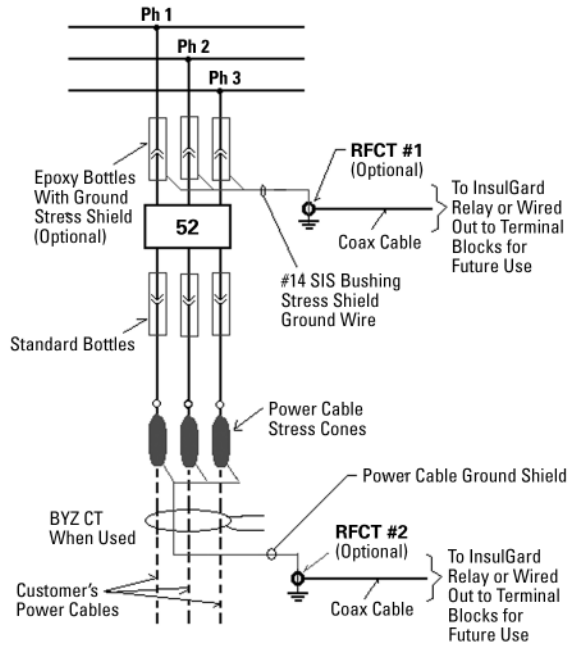


Figure 5.3-1. InsulGard Relay System

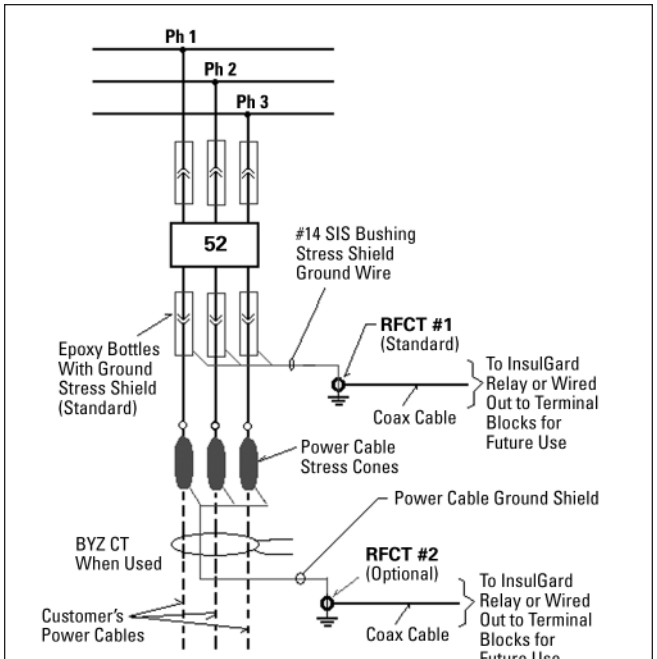


RFCT #1 detects partial discharges internal to switchgear compartment.

RFCT #2 detects partial discharges in customer's cables up to 100 ft from switchgear.

Figure 5.3-2. Typical Partial Discharge Sensor Connections (5–27 kV Switchgear)

Note: Use one set of epoxy bottles with ground stress shield on bus side (either in the top or bottom compartment) at every two vertical sections. Use standard bottles at all other locations.



RFCT #1 detects partial discharges internal to switchgear compartment.

RFCT #2 detects partial discharges in customer's cables up to 100 ft from switchgear.

Figure 5.3-3. Typical Partial Discharge Sensor Connections (38 kV Switchgear)

Partial Discharge Sensors and Monitoring for Switchgear

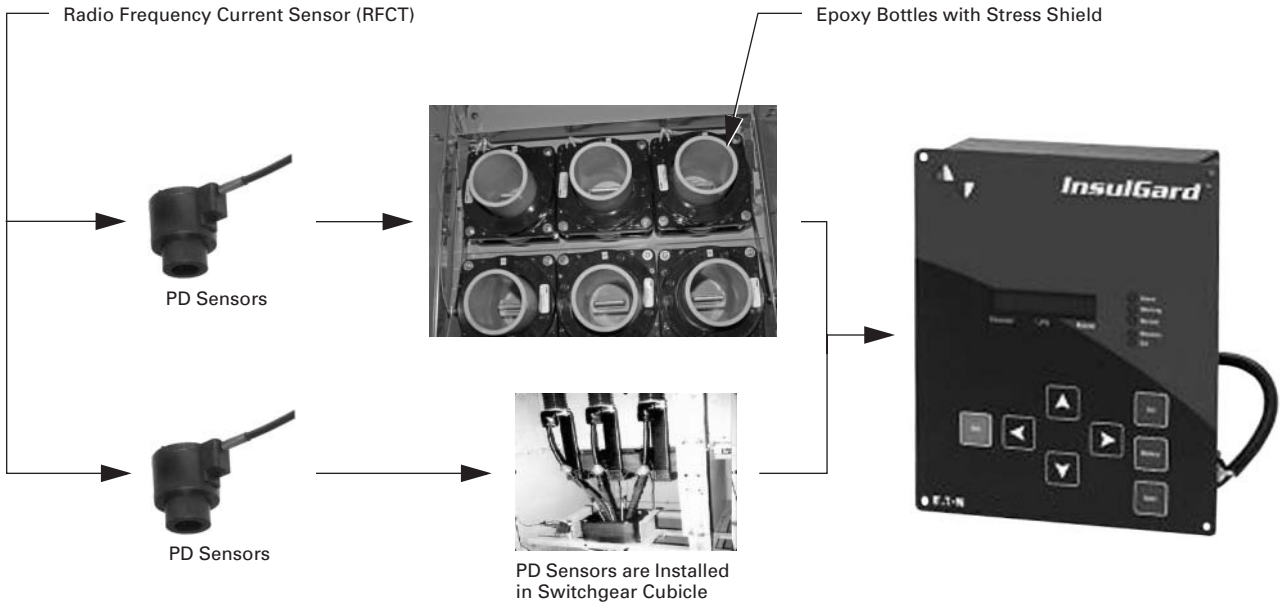
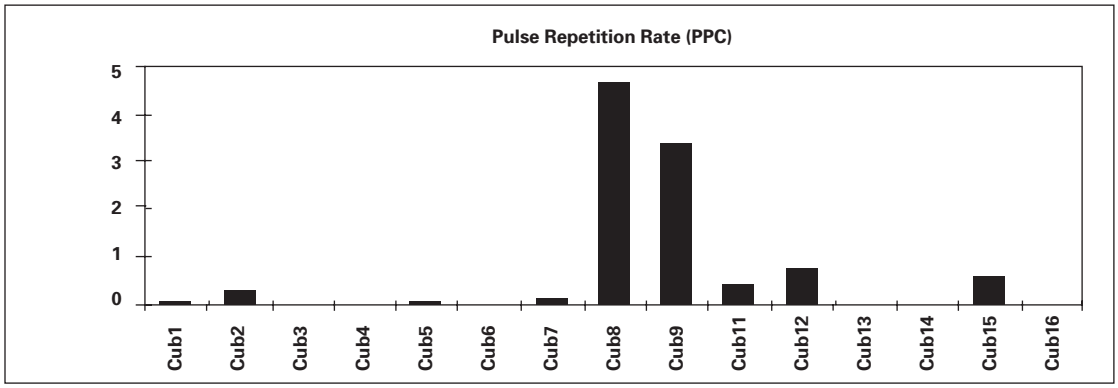
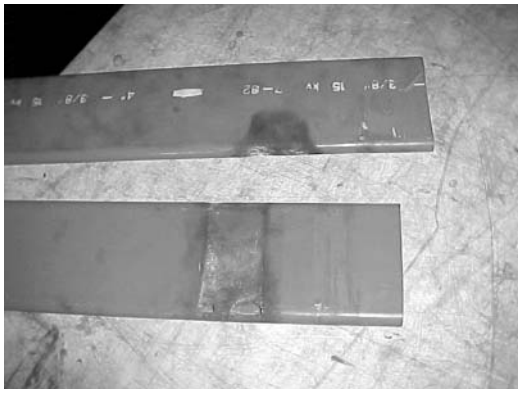


Figure 5.3-4. How the Process Works—Sensing and Data Collection





Relatively high Partial Discharge levels indicate problems in older non-fluidized epoxy insulated MV bus. Problems in cable terminations and in connected equipment can also be revealed.

Figure 5.3-5. How the Process Works—Data Analysis and Report (Sample)

Integrated Monitoring Protection and Control

Communications System

Eaton's Power Xpert® System Architecture provides a fully scalable set of hardware/software solutions that can be applied in varying levels of sophistication depending upon a customer's needs. This new architecture permits backward communication compatibility to existing Eaton and other third-party equipment, as well as expanded functionality for new devices.

The Power Xpert System Architecture uses embedded Web server technology for ease of connectivity to Ethernet Local and Wide Area Networks. The architecture includes Eaton's Power Xpert Meter, Power Xpert Gateways and Power Xpert Software. Eaton's selection matrix includes a number of deployment levels, from Web browser based monitoring of a single Power Xpert Meter, through fully customized monitoring of Eaton and third-party devices in a multi-site environment.

Medium voltage VacClad-W switchgear is ideally suited for Eaton's unique Power Xpert system incorporating PowerNet devices.

Refer to **Tab 2** for more information on communication systems.

Protective Relays

A full scope of protective relays designed to meet all application requirements is available to provide the utmost in system and component protection. Refer to **Tab 4** for further information.

Supplemental Devices

Dummy Element (Dummy Breaker)

Dummy element is a drawout element with primary disconnects similar to a drawout circuit breaker, but consists of solid copper conductors in place of vacuum interrupters, and is designed for manual racking. it is typically used as drawout disconnect link in the primary system for circuit isolation or bypass. The device is insulated to suit the voltage rating of the switchgear and will carry required levels of short-circuit current, but it is not rated for any current interruption. It must be key interlocked with all source devices such that it can only be inserted into or removed from its connected position only after the primary circuit in which it is to be applied is completely de-energized.

Before using a dummy element, it is recommended that each user develop detailed operating procedure consistent with safe operating practices. Only qualified personnel should be authorized to use the dummy element.

Ground and Test Device

The ground and test device is a drawout element that may be inserted into a metal-clad switchgear housing in place of a circuit breaker to provide access to the primary circuits to permit the temporary connection of grounds or testing equipment to the high-voltage circuits. High potential testing of cable or phase checking of circuits are typical tests which may be performed. The devices are insulated to suit the voltage rating of the switchgear and will carry required level of short-circuit current.

Before using ground and test devices, it is recommended that each user develop detailed operating procedures consistent with safe operating practices. Only qualified personnel should be authorized to use ground and test devices.

Manual and electrical ground and test devices are available, These devices include six studs for connection to primary circuits. On the manual device, selection and grounding is accomplished by cable or bus bars connection. On electrical-type devices, grounding is accomplished by an electrically operated grounding switch.

Standard Accessories

- One test jumper
- One levering crank
- One maintenance tool
- One lifting yoke (5–27 kV)
- One sets of rails (5–27 kV)
- One turning handle (5th wheel, 38 kV)

Optional Accessories

- Transport dolly (5–27 kV), (5–15 kV arc-resistant)
- Portable lifter (5–27 kV)
- Test cabinet
- Electrical levering device (5–38 kV)
- Ramp for lower breaker (5–27 kV), (5–15 kV arc-resistant)
- Manual or electrical ground and test device
- Hi-pot tester



5/15 kV Manual Type G&T Device



5/15 kV Manual G&T Device shown with Upper Terminals Grounded



5/15 kV Manual G&T Device shown with Lower Terminals Grounded

Discussion of changes in the Rated Voltage Range Factor, K, or "K-factor" in Circuit Breaker Rating Structure

In 1997 and 2000 editions of ANSI C37.06, under Table 1, preferred values for the rated voltage range factor, K, were set to 1.0 for all indoor circuit breaker ratings. This was done because interrupting capabilities of today's vacuum circuit breakers are better represented by K = 1.0. Unlike old air-magnetic and oil circuit breakers, today's vacuum breakers generally do not require a reduction in interrupting current, as the operating voltage is raised to rated maximum voltage, for example from 11.5 kV up to 15 kV. The interrupting capability of vacuum circuit breakers is essentially constant over the entire range of operating voltages, up to and including its rated maximum voltage. The change was also made as a step toward harmonizing preferred ANSI ratings with the preferred ratings of IEC standards. It was further recognized that it is much simpler to select and apply circuit breakers rated on the basis of K = 1.0.

The change in the K value, however, in no way affects the ratings and capabilities of circuit breakers originally tested and rated on the basis of K > 1 in the earlier editions of C37.06. Existing circuit breakers, with ratings based on K > 1.0, are still perfectly valid, meet the latest editions of the standards, and should be continued to be applied as they have been in the past. The original K > 1.0 ratings are neither "obsolete" nor "inferior" to the new K = 1.0 ratings; they are just different. The new 1997 and 2000 editions of ANSI standard C37.06 still include the earlier K > 1 ratings as Table A1 and A1A. The change from K > 1.0 to K = 1.0 should be implemented by manufacturers as they develop and test new circuit breakers designs. The change does not require, recommend or suggest that manufactures re-rate and re-test existing breakers to new standard. And accordingly, Eaton continues to offer both circuit breakers rated on the traditional basis of K > 1.0 just as thousands of those breakers have been applied for variety of circuit switching applications worldwide, and also as Eaton develops new breakers, they are rated and tested to the new K = 1 ratings. As a leader in vacuum interruption technology, Eaton continues to provide a wide choice of modern vacuum circuit breakers so that the user can select the most economical circuit breaker that can satisfy their circuit switching application.

- **Table 5.4-1A** includes 5/15 kV circuit breakers rated on the basis of K = 1.0 in accordance with revised ANSI standards
- **Table 5.4-1B** includes capabilities of traditional 5/15 kV circuit breakers rated on the basis of K > 1.0
- **Table 5.4-1C** includes 27/38 kV circuit breakers rated on the basis of K = 1.0
- **Table 5.4-2** includes circuit breaker designs, rated on the basis of K = 1.0 with "extra capabilities" for those applications whose requirements go beyond what is usually experienced in normal distribution circuit applications
- **Table 5.4-3** includes circuit breakers for special generator applications

Table 5.4-1A. Available 5/15 kV VCP-W Vacuum Circuit Breaker Types Rated on Symmetrical Current Rating Basis, Per ANSI Standards (Rated K = 1.0)
(Continued on next page)

Identification	Rated Values															
Drawout Circuit Breaker Type			Insulation Level			Short-Circuit Ratings (Reference C37.04-1999 and C37.06-2009 Except as Noted ①)										
											Transient Recovery Voltage Parameters are Based on TD-4					
	Maximum Voltage (V)	Power Frequency ①	Power Frequency Withstand Voltage (1 min.)	Lightning Impulse Withstand Voltage (1.2 x 50 µs)	Continuous Current ②	Symmetrical Interrupting Current (I) ③	DC Component (% DC) ④	Asymmetrical Interrupting Current (I_t) ⑤	Closing and Latching Current (2.6 x I)	Short-Time Withstand Current ⑥	Peak Voltage (E_2) = (u_c)	Time to Peak ($T_2 = t_3 \times 1.137$)	TRV Rise Time (t_3)	RRRV = u_c/t_3 ⑦	Interrupting Time	
Units	kV rms	Hz	kV rms	kV Peak	A rms	kA rms sym	%	kA rms asym Total	kA Peak	rms	kV Peak	µsec	µsec	kV/ µsec	ms	Cycles (60 Hz)
50 VCP-W 25	4.76	60	19	60	1200 2000 3000	25	50	31	65	25	8.2	50	44	0.19	50	3
50 VCP-W 40	4.76	60	19	60	1200 2000 3000	40	50	49	104	40	8.2	50	44	0.19	50	3
50 VCP-W 50	4.76	60	19	60	1200 2000 3000	50	44	59	130	50	8.2	50	44	0.19	50	3
50 VCP-W 63	4.76	60	19	60	1200 2000 3000	63	55	80	164	63	8.2	50	44	0.19	50	3
75 VCP-W 40	8.25	60	36	95	1200 2000 3000	40	50	49	104	40	14	59	52	0.27	50	3
75 VCP-W 50	8.25	60	36	95	1200 2000 3000	50	44	59	130	50	14	59	52	0.27	50	3
150 VCP-W 25	15	60	36	95	1200 ⑧ 2000 3000	25	50	31	65	25	28 ⑧ 25.7	75	66	0.42 0.39	50	3
150 VCP-W 40	15	60	36	95	1200 2000 3000	40	50	49	104	40	25.7	75	66	0.39	50	3
150 VCP-W 50	15	60	36	95	1200 2000 3000	50	44	59	130	50	25.7	75	66	0.39	50	3
150 VCP-W 63	15	60	36	95	1200 ⑧ 2000 ⑧ 3000 ⑧	63	55	80	164	63	28 ⑧	75	66	0.42	50	3

① All circuit breakers are tested at 60 Hz; however, they can also be applied at 50 Hz with no derating.
② 4000A fan-cooled rating is available for 3000A circuit breakers.
③ Because the voltage range factor K = 1, the short-time withstand current and the maximum symmetrical interrupting current are equal to the rated symmetrical interrupting current.
④ Based on the standard DC time constant of 45 ms (corresponding to X/R of 17 for 60 Hz) and the minimum contact parting time as determined from the minimum opening time plus the assumed minimum relay time of 1/2 cycle (8.33 ms for 60 Hz).
⑤ The asymmetrical interrupting current, I total, is given by (I_t) = I x Sqrt (1 + 2 x %DC x %DC) kA rms asymmetrical total.
⑥ Duration of short-time current and maximum permissible tripping delay are both 2 seconds for all circuit breakers listed in this table, as required in C37.04-1999, C37.06-2000 and C37.06-2009.
⑦ RRRV can also be calculated as = 1.137 x E_2/T_2.
⑧ These circuit breakers were tested to the preferred TRV ratings specified in C37.06-2000.

Table 5.4-1A. Available VCP-W Vacuum Circuit Breaker Types Rated on Symmetrical Current Rating Basis, Per ANSI Standards (Rated K = 1.0) (Continued)

Identification	Rated Values												
Drawout Circuit Breaker Type				Capacitance Current Switching Capability (Reference C37.04a-2003, C37.06-2009 and C37.09a-2005)								Out-of-Phase Switching	
				Cable-Charging Current		Isolated Shunt Capacitor Bank Current		Back-to-Back Capacitor Switching					
	Continuous Current	Operating Duty	Mechanical Endurance					Capacitor Bank Current		Inrush Current	Inrush Frequency	Voltage = 1.44 x V	Current = 0.25 x I
Units	A rms	Duty Cycle	No-Load Operations ⑨⑩	Class	A rms	Class	A rms	Class	A rms	kA Peak	kHz	kV rms	kA rms
50 VCP-W 25	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	3–10	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	7	6.3
50 VCP-W 40	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	3–10	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	7	10
50 VCP-W 50	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	3–10	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	7	12.5
50 VCP-W 63	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	7	15.8
75 VCP-W 40	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	12	10
75 VCP-W 50	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	12	12.5
150 VCP-W 25	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2 C2 C1	75–630 75–1000 75–1600	C2 C2 C1	75–630 75–1000 75–1600	6	0.8 0.5 0.3	22	6.3
150 VCP-W 40	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2 C2 C1	75–630 75–1000 75–1600	C2 C2 C1	75–630 75–1000 75–1600	6	0.8 0.5 0.3	22	10
150 VCP-W 50	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2 C2 C1	75–630 75–1000 75–1600	C2 C2 C1	75–630 75–1000 75–1600	6	0.8 0.5 0.3	22	12.5
150 VCP-W 63	1200 2000 3000	O—0.3s—CO—3m—CO	10,000	C2	7.5–25	C2	75–630 75–1000 75–1600	C2	75–630 75–1000 75–1600	6	0.8 0.5 0.3	22	15.8

⑨ Each operation consists of one closing plus one opening.
⑩ All 40 and 50 kA circuit breakers exceed required 5000 no-load operations; all 63 kA circuit breakers exceed the required 2000 no-load ANSI operations.

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Table 5.4-1B. Available 5/15 kV VCP-W Vacuum Circuit Breaker Types Rated on Symmetrical Current Rating Basis, Per ANSI Standards (Rated K > 1) ①②

Identification			Rated Values												Related Required Capabilities					
Circuit Breaker Type	Nominal Voltage Class	Nominal 3-Phase MVA Class	Voltage		Insulation Level		Current		Rated Transient Recovery Voltage			Rated Interrupting Time	Rated Permissible Tripping Delay	Rated Reclosing Time	Rated Maximum Voltage Divided by K	Current Values				Asymmetry Factor for VCP-W Breakers
																Maximum Sym. Interrupting Capability	3-Second Short-Time Current Carrying Capability	Closing and Latching Capability (Momentary) ⑨		
																K Times Rated Short-Circuit Current ③		2.7 K Times Rated Short-Circuit Current	1.6 K Times Rated Short-Circuit Current	
	kV Class	MVA Class	V kV rms	K ③	kV rms	kV Crest	Amp ④	I ③ kA rms	E2 kV Crest	T2 µS	Rate of Rise of Recovery Voltage ⑤ kV/µS	Cycles ⑥	Y ⑦ Sec.	⑧ ms	V/K kV rms	KI kA rms	KI kA rms	2.7 KI kA Crest	1.6 KI ⑩ kA rms asym.	⑪ S
50 VCP-WND 250	4.16	250	4.76	1.24	19	60	1200	29	8.9	50	0.2	5	2	300	3.85	36	36	97	58	1.2
50 VCP-W 250	4.16	250	4.76	1.24	19	60	1200 2000 3000	29	8.9	50	0.2	5	2	300	3.85	36	36	97	58	1.2
50 VCP-W 350	4.16	350	4.76	1.19	19	60	1200 2000 3000	41	8.9	50	0.2	5	2	300	4.0	49	49	132	78	1.2
75 VCP-W 500	7.2	500	8.25	1.25	36	95	1200 2000 3000	33	15.5	60	0.29	5	2	300	6.6	41	41	111	66	1.2
150 VCP-W 500	13.8	500	15	1.30	36	95	1200 2000 3000	18	28	75	0.42	5	2	300	11.5	23	23	62	37	1.2
150 VCP-W 750	13.8	750	15	1.30	36	95	1200 2000 3000	28	28	75	0.42	5	2	300	11.5	36	36	97	58	1.2
150 VCP-W 1000	13.8	1000	15	1.30	36	95	1200 2000 3000	37	28	75	0.42	5	2	300	11.5	48	48	130	77	1.2

① For capacitor switching, refer to **Tables 5.4-1A** and **5.4-2**.

② 5 and 15 kV circuit breakers are UL listed.

③ For three-phase and line-to-line faults, the symmetrical interrupting capability at an operating voltage

$$I_{sc} = \frac{V}{V_o} \text{ (Rated Short-Circuit Current)}$$

But not to exceed KI.
Single line-to-ground fault capability at an operating voltage

$$I_{sc} = 1.15 \frac{V}{V_o} \text{ (Rated Short-Circuit Current)}$$

But not to exceed KI.
The above apply on predominately inductive or resistive three-phase circuits with normal-frequency line-to-line recovery voltage equal to the operating voltage.

④ 4000A continuous rating is available for 5/15 kV. 3000A continuous rating is available for 38 kV. Contact Eaton for details.

⑤ $RRRV = 1.137 \frac{E_2}{T_2}$

⑥ 3-cycle rating available, refer to **Tables 5.4-1A** and **5.4-2**.

⑦ Tripping may be delayed beyond the rated permissible tripping delay at lower values of current in accordance with the following formula:

$$T \text{ (seconds)} = Y \left(\frac{\text{(K Times Rated Short-Circuit Current)}}{\text{Short-Circuit Current Through Breaker}} \right)^2$$

The aggregate tripping delay on all operations within any 30-minute period must not exceed the time obtained from the above formula.

⑧ For reclosing service, there is **No derating** necessary for Eaton's VCP-W family of circuit breakers. **R = 100%.** Type VCP-W breaker can perform the O-C-O per ANSI C37.09; O-0.3s-CO-15s-CO per IEC 56; and some VCP-Ws have performed O-0.3s-CO-15s-CO-15s-CO-15s-CO; **all with no derating**. Contact Eaton for special reclosing requirements.

⑨ For higher close and latch ratings, refer to **Table 5.4-2**.

⑩ Included for reference only.

⑪ Asymmetrical interrupting capability = "S" times symmetrical interrupting capability, both at specified operating voltage.

Table 5.4-1C. Available 27/38 kV VCP-W Vacuum Circuit Breaker Types Rated on Symmetrical Current Rating Basis, Per ANSI Standards ①②

Identification			Rated Values												Related Required Capabilities					
Circuit Breaker Type	Nominal Voltage Class	Nominal 3-Phase MVA Class	Voltage		Insulation Level		Current		Rated Transient Recovery Voltage			Rated Interrupting Time	Rated Permissible Tripping Delay	Rated Reclosing Time	Rated Maximum Voltage Divided by K	Current Values				Asymmetry Factor for VCP-W Breakers
																Maximum Sym. Interrupting Capability	3-Second Short-Time Current Carrying Capability	Closing and Latching Capability (Momentary) ⑨		
																K Times Rated Short-Circuit Current ③		2.7 K Times Rated Short-Circuit Current	1.6 K Times Rated Short-Circuit Current	
			Rated Maximum Voltage	Rated Voltage Range Factor	Power Frequency Withstand Voltage (1 min.)	Lightning Impulse Withstand Voltage (1.2 x 50 µs)	Rated Continuous Current at 60 Hz	Rated Short-Circuit Current (at Rated Maximum kV)	Rated Crest Voltage	Rated Time to Crest	Rate of Rise of Recovery Voltage ⑤									
	kV Class	MVA Class	V kV rms	K ③	kV rms	kV Crest	④ Amp	I ③ kA rms	E2 kV Crest	T2 µS	kV/µS	⑥ Cycles	Y ⑦ Sec.	⑧ ms	V/K kV rms	KI kA rms	KI kA rms	2.7 KI kA Crest	1.6 KI ⑩ kA rms asym.	⑪ S
270 VCP-W 750	27	—	27	1.0	60	125	1200 2000	16	51	105	0.55	5	2	300	27	16	16	43	26	1.2
270 VCP-W 1000	27	—	27	1.0	60	125	1200 2000	22	51	105	0.55	5	2	300	27	22	22	60	35	1.2
270 VCP-W 1250	27	—	27	1.0	60	125	1200 2000	25	51	105	0.55	5	2	300	27	25	25	68	40	1.2
270 VCP-W 40	27	—	27	1.0	60	125	1200 2000	40	51	105	0.55	5	2	300	27	40	40	108	64	1.2
380 VCP-W 16	34.5	—	38	1.0	80	170 ⑫	1200 2000	16	71	125	0.64	5	2	300	38	16	16	43	26	1.2
380 VCP-W 21	34.5	—	38	1.65	80	170 ⑫	1200 2000	21	71	125	0.64	5	2	300	23	35	35	95	56	1.2
380 VCP-W 25	34.5	—	38	1.0	80	170 ⑫	1200 2000	25	71	125	0.64	5	2	300	38	25	25	68	40	1.2
380 VCP-W 32	34.5	—	38	1.0	80	170 ⑫	1200 2000 2500	31.5	71	125	0.64	5	2	300	38	31.5	31.5	85	51	1.2
380 VCP-W 40	34.5	—	38	1.0	80	170 ⑫	1200 2000 2500	40	71	125	0.64	5	2	⑬	38	40	40	108	64	1.2

① For capacitor switching, refer to **Table 5.4-2**.

② 27 and 38 kV breakers are not UL listed.

③ For three-phase and line-to-line faults, the symmetrical interrupting capability at an operating voltage

$$I_{sc} = \frac{V}{V_o} \text{ (Rated Short-Circuit Current)}$$

But not to exceed KI.
Single line-to-ground fault capability at an operating voltage

$$I_{sc} = 1.15 \frac{V}{V_o} \text{ (Rated Short-Circuit Current)}$$

But not to exceed KI.
The above apply on predominately inductive or resistive three-phase circuits with normal-frequency line-to-line recovery voltage equal to the operating voltage.

④ 4000A continuous rating is available for 5/15 kV. 3000A continuous rating is available for 38 kV. Contact Eaton for details.

⑤ $RRRV = 1.137 \frac{E_2}{T_2}$

⑥ 3-cycle rating available, refer to **Table 5.4-2**.

⑦ Tripping may be delayed beyond the rated permissible tripping delay at lower values of current in accordance with the following formula:

$$T \text{ (seconds)} = Y \left(\frac{\text{(K Times Rated Short-Circuit Current)}}{\text{Short-Circuit Current Through Breaker}} \right)^2$$

The aggregate tripping delay on all operations within any 30-minute period must not exceed the time obtained from the above formula.

⑧ For reclosing service, there is **No derating** necessary for Eaton's VCP-W family of circuit breakers. **R = 100%**. Type VCP-W breaker can perform the O-C-O per ANSI C37.09; O-0.3s-CO-15s-CO per IEC 56; and some VCP-Ws have performed O-0.3s-CO-15s-CO-15s-CO-15s-CO; **all with no derating**. Contact Eaton for special reclosing requirements.

⑨ For higher close and latch ratings, refer to **Table 5.4-2**.

⑩ Included for reference only.

⑪ Asymmetrical interrupting capability = "S" times symmetrical interrupting capability, both at specified operating voltage.

⑫ ANSI standard requires 150 kV BIL. All 38 kV ratings are tested to 170 kV BIL.

⑬ Type 380 VCP-W 40 circuit breaker is not rated for rapid reclosing.

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Industry Leader VCP-WC

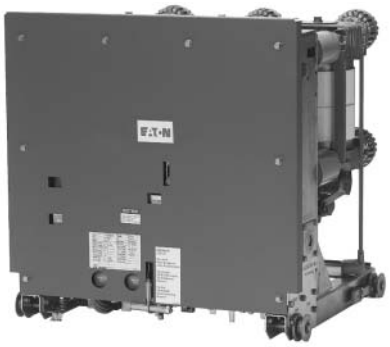
Introducing the VCP-WC extra capability medium voltage drawout circuit breaker. Designed to provide all the industry-leading features expected of the VCP-W, plus extra capabilities for those application requirements that go beyond what is usually experienced. The performance enhancement features of the VCP-WC make it an ideal choice for capacitor switching duty, high altitude applications, transformer secondary fault protection, locations with concentrations of rotating machinery or high operating endurance requirements, just to mention a few. Consider these capability enhancements:

- Definite purpose capacitor switching
- Higher close and latch
- Faster rate of rise of recovery voltage
- Higher short-circuit current
- Higher mechanical endurance
- Higher insulation level
- Higher voltage ratings with K=1
- 3-cycle interrupting time
- Higher switching life
- Designed and tested to ANSI standards and higher
- WR fixed retrofit configuration available

Vacuum Circuit Breaker Design Leadership

Eaton is a world leader in vacuum interrupter and vacuum circuit breaker technology, offering VCP-WC with extra capabilities without sacrificing the proven features already standard with other VCP-W circuit breakers. Features such as:

- Vacuum interrupters with copper-chrome contacts
- V-Flex non-sliding current transfer system
- Visible contact erosion indicators
- Visible contact wipe indicators
- Front, functionally grouped controls and indicators
- Glass-polyester (5/15 kV), or epoxy insulation (27/38 kV)
- Front, vertically mounted stored energy mechanism
- Drawout on extension rails
- Integrally mounted wheels
- Quality Assurance Certificate



The Type VCP-WC Breakers are not Interchangeable with Standard VCP-W Breakers. They are Equipped with Different Code Plates and Taller Front Panels.

Table 5.4-2. Extra Capability Type VCP-WC Ratings (Symmetrical Current Basis), Rated K = 1

Identification	Rated Values																	Mechanical Endurance
Circuit Breaker Type	Voltage		Insulation Level		Continuous Current at 60 Hz	Current					Interrupting Time ②	Maximum Permissible Tripping Delay	Rate of Rise of Recovery Voltage (RRRV) ③	Capacitor Switching Ratings				
						Short-Circuit Current								General Purpose	Definite Purpose			
														Isolated Shunt Capacitor Bank Current	Back-to-Back Capacitor Switching			
	Maximum Voltage (V)	Voltage Range Factor	Power Frequency Withstand Voltage (1 min.)	Lightning Impulse Withstand Voltage (1.2 x 50 µs)		Sym. Interrupting at Voltage (Isc)	% DC Component (Idc)	Asym. Interrupting (It)	Closing and Latching Capability	Short-Time Current for 3 Seconds ①					Capacitor Bank Current	Inrush Current	Inrush Frequency	
	kV rms	K	kV rms	kV Peak	A rms	kA rms Total	%	kA rms	kA Peak	kA rms	ms	Seconds	kV/µs	A rms	A rms	kA Peak	kHz	No-Load Operations
50 VCP-W 25C	5.95	1	24	75	1200 2000 3000 ④	25	50 75 75	31 36 36	97	25	50	2.0	0.9 0.9 0.8	400 & 630 1000 ⑤ 250	400 & 630 1000 ⑥ —	20 & 20 18 —	6.5 & 5.5 2.7 —	10,000 10,000 5,000
50 VCP-W 40C	5.95	1	24	75	1200 2000 3000 ④	40	75	58	139	40	50	2.0	0.9 0.9 0.8	630 ⑤ 1000 ⑤ 250	630 ⑥ 1000 ⑥ —	15 18 —	3.5 2.7 —	10,000 10,000 5,000
50 VCP-W 50C	5.95	1	24	75	1200 2000 3000 ④	50	57 57 52	64 64 62	139	50	50	2.0	0.9 0.9 0.8	630 ⑤ 1000 ⑤ 250	630 ⑥ 1000 ⑥ —	15 18 —	3.5 2.7 —	10,000 10,000 5,000
50 VCP-W 63C	5.95	1	24	75	1200 2000 3000 ④	63	62	83	175	63	50	2.0	1.1	250	200, 1600 ⑦ 200, 1600 ⑦ 200, 1600 ⑦	7.7 7.7 7.7	465 465 465	10,000 10,000 10,000
75 VCP-W 50C	10.3	1	42	95	1200 2000 3000 ④	50	57 57 52	64 64 62	139	50	50	2.0	0.9 0.9 0.8	630 ⑤ 1000 ⑤ 250	630 ⑥ 1000 ⑥ —	15 18 —	3.5 2.7 —	10,000 10,000 5,000
150 VCP-W 25C	17.5	1	42	95	1200 2000 3000 ④	25	50 75 75	31 36 36	97 ⑧	25	50	2.0	0.9 0.9 0.8	400 & 600 ⑨ 1000 ⑤⑨ 250 ⑨	400 & 600 ⑨ 1000 ⑥⑨ —	20 & 20 18 —	6.5 & 5.5 2.7 —	10,000 10,000 5,000
150 VCP-W 40C	17.5	1	42	95	1200 2000 3000 ④	40	75	58	139	40	50	2.0	0.9 0.9 0.8	630 ⑤⑨ 1000 ⑤⑨ 250 ⑨	630 ⑥⑨ 1000 ⑥⑨ —	15 18 —	3.5 2.7 —	10,000 10,000 5,000
150 VCP-W 50C	17.5	1	42	95	1200 2000 3000 ④	50	57 57 52	64 64 62	139	50	50	2.0	0.9 0.9 0.8	630 ⑤⑨ 1000 ⑤⑨ 250 ⑨	630 ⑥⑨ 1000 ⑥⑨ —	15 18 —	3.5 2.7 —	10,000 10,000 5,000
150 VCP-W 63C	15	1	42	95	1200 2000 3000 ④	63	62	83	175	63	50	2.0	1.1	250	200, 1600 ⑦ 200, 1600 ⑦ 200, 1600 ⑦	7.7 7.7 7.7	465 465 465	10,000 10,000 10,000

Note: Refer to **Page 5.4-7** for footnotes.

Table 5.4-2. VCP-WC Ratings (Symmetrical Current Basis), Rated K = 1 (Continued)

Identification	Rated Values																		
Circuit Breaker Type	Voltage		Insulation Level		Continuous Current at 60 Hz	Current					Interrupting Time ②	Maximum Permissible Tripping Delay	Rate of Rise of Recovery Voltage (RRRV) ③	Capacitor Switching Ratings					Mechanical Endurance
						Short-Circuit Current								General Purpose		Definite Purpose			
														Cable Charging Current	Isolated Shunt Capacitor Bank Current	Back-to-Back Capacitor Switching			
	Maximum Voltage (V)	Voltage Range Factor	Power Frequency Withstand Voltage (1 min.)	Lightning Impulse Withstand Voltage (1.2 x 50 µs)		Sym. Interrupting at Voltage (Isc)	% DC Component (Idc)	Asym. Interrupting (I_t)	Closing and Latching Capability	Short-Time Current for 3 Seconds ①						Capacitor Bank Current	Inrush Current	Inrush Frequency	
	kV rms	K	kV rms	kV Peak	A rms	kA rms Total	%	kA rms	kA Peak	kA rms	ms	Seconds	kV/µs	A rms	A rms	A rms	kA Peak	kHz	No-Load Operations
270 VCP-W 25C	27	1	60	125	1200 1600	25	75	36	85	25 ⑩	50	2.0	1.1	—	400	400	20	4.2	5,000
270 VCP-W 32C	27	1	60	125	1200 1600	31.5	55	40	100	31.5 ⑪	50	2.0	1.1	—	400	400	20	4.2	5,000
270 VCP-W 40C	27	1	60	125	1200 1600	40	50	49	112	40 ⑫	50	2.0	1.1	—	400	400	20	4.2	5,000
380 VCP-W 16C	38	1	80	170	1200 2000	16	75	23.3	50	16	50	2.0	0.7 1.3	50 50	250 250 & 1000	250 250 & 1000	20 20 & 20	4.4 5 & 5	10,000
380 VCP-W 25C	38	1	80	170	1200 2000	25	65	34.0	75	25	50	2.0	0.7 1.3	50 50	250 250 & 1000	250 250 & 1000	20 20 & 20	4.4 5 & 5	10,000
380 VCP-W 32C	38	1	80	170	1200 2000 2500 3000FC ⑬	33.1	57	42.5	91	31.5	50	2.0	0.7 1.3 0.7 1.3	50 50 50 50	250 250 & 1000 — 250 & 1000	250 250 & 1000 — 250 & 1000	20 20 & 20 — 20 & 20	4.4 5 & 5 — 5 & 5	10,000
380 VCP-W 40C	38	1	80	170	1200 2000 2500 3000FC ⑭	40	63	53.5	107	40	50	2.0	0.7	50 50 50 50	⑮ — — —	⑮ — — —	⑮ — — —	⑮ — — —	10,000

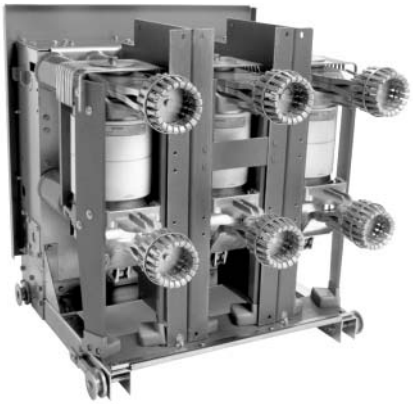
① Except as noted.
② 3 cycles.
③ Contact Eaton for higher RRRV or for more information.
④ 4000A FC rating available.
⑤ Breaker tested to 2700A single bank switching for momentary load (thermal derating must consider harmonic content of current waveform).
⑥ Breaker tested to 1270A back to back switching for momentary load (thermal derating must consider harmonic content of current waveform).
⑦ C37.04.a-2003 Class C2 at 15 kV.
⑧ Close and Latch Current for 1200A Type 150 VCP-W 25C is proven at 15 kV. For sealed interrupters at high altitudes, switching voltage is not derated.
⑨ Capacitor Switching Ratings are proven at 15 kV. For sealed interrupters at high altitudes, switching voltage is not derated.
⑩ 2.5 seconds.
⑪ 1.6 second.
⑫ 1 second.
⑬ 2000A FC to 3000A.
⑭ 2500A FC to 3000A.
⑮ Contact Eaton for capacitor switching ratings.

Note: 38 kV, 2500A and 3000A WC breakers are not rated for rapid reclosing.

Type VCP-WG Generator Circuit Breakers



VCP-WG Breaker (Front View)



VCP-WG Breaker (Rear View)

Why generator circuit breakers?

- Specially rated generator breakers typically should be used on generator applications 10,000 kW and above
- A generator circuit breaker, properly rated and tested to the appropriate industry standard, can protect the generator from damage, or even complete failure, that could occur when feeding a faulted transformer, and also can protect the transformer, in the event that a fault should occur in the generator

Generator circuits have unique characteristics that require specially designed and tested circuit breakers. The IEEE® developed the special industry standard C37.013 and amendment C37.013a-2007 to address these characteristics. Eaton Corporation has dedicated years of research, design, enhancement and testing to create Eaton's family of generator breakers.

The VCP-WG (drawout) and VCP-WRG (fixed) circuit breakers meet, and even exceed, the rigorous service duty requirements for generator circuit applications as defined by IEEE.

Eaton's VCP-WG and VCP-WRG generator breakers are available in two frame sizes. The 29.00-inch frame (29.00 inches wide with front cover on) has ratings up to 15 kV, 63 kA and 3000A (4000A with forced-air cooling). The 31.00-inch frame (31.00 inches wide with front cover on) has ratings up to 15 kV, 75 kA and 4000A (5000A with forced-air cooling). The 31.00-inch frame is also available in a fixed version with ratings up to 15 kV, 75 kA and 6000A (7000A with forced-air cooling).

Count on Eaton's innovative technology to handle high continuous AC current and voltage, then safely switch through extreme out-of-phase voltages and high-stress asymmetrical currents using "clean and green" vacuum interruption without fail for over 10,000 normal operations.

Eaton's VCP-WG generator circuit breakers meet the strict service duty requirements set forth by IEEE for generator circuit applications, including:

- Generator circuit configuration
- High continuous current levels
- Unique fault current conditions
  - Transformer-fed faults
  - Generator-fed faults
- Unique voltage conditions
  - Very fast RRRV
  - Out-of-phase switching

Generator Circuit Configuration

The transformer and generator can be in close proximity to the circuit breaker. See **Figure 5.4-1**. Applications with high continuous current levels require connections with large conductors of very low impedance. This construction causes unique fault current and voltage conditions as shown in **Figure 5.4-2**.

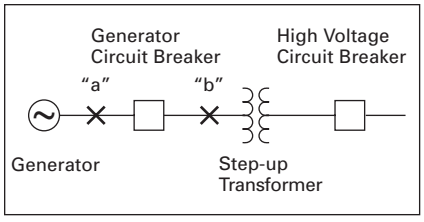


Figure 5.4-1. Generator Circuit Application

High Continuous Current Levels

Generator circuit breakers must be able to handle high continuous current levels without overheating. VCP-WG drawout circuit breakers are designed to reliably operate up to 4000A with natural air convection cooling, and up to 5000A with suitable enclosure fan cooling during overload conditions. VCP-WRG fixed circuit breakers are designed to reliably operate up to 6000A with natural air convection cooling and up to 7000A with suitable enclosure fan cooling during overload conditions.

Unique Fault Current Conditions

System-source (aka, transformer-fed) faults (see **Figure 5.4-1**, fault location "a") can be extremely high. The full energy of the power system feeds the fault, and the low impedance of the fault current path does very little to limit the fault current. Eaton's type VCP-WG Generator Circuit Breakers are ideal for interrupting such high fault currents because they have demonstrated high interruption ratings up to 75 kA, with high DC fault content up to 75%, as proven by high power laboratory tests.

Generator-source (aka, generator-fed) faults, see **Figure 5.4-1**, fault location "b") can cause a severe condition called "Delayed Current Zero," see **Figure 5.4-2**). The high ratio of inductive reactance to resistance (X/R ratio) of the system can cause the DC component of the fault current to exceed 100%. The asymmetrical fault current peak becomes high enough and its decay becomes slow enough that the natural current zero is delayed for several cycles. The circuit breaker experiences longer arcing time and more electrical, thermal and mechanical stress during the interruption. The IEEE standard requires verification that the circuit breaker can interrupt under these severe conditions. Eaton's VCP-WG generator circuit breakers have demonstrated their ability to interrupt three-phase fault current levels up to 135% DC content under delayed current zero conditions.

Unique Voltage Conditions

Generator circuits typically produce very fast rates of rise of recovery voltage (RRRV) due to the high natural frequency and low impedance and very low stray capacitance. VCP-WG generator circuit breakers are designed to interrupt fault current levels with very fast RRRV in accordance with IEEE standard C37.013 and C37.013a. VCP-WG generator circuit breakers have a distinct ability to perform under out-of-phase conditions when the generator and power system voltages are not in sync. The voltages across the open contacts can be as high as twice the rated line-to-ground voltage of the system. The IEEE standard requires demonstration by test that the generator circuit breaker can switch under specified out-of-phase conditions.

Versatility in Application

Eaton's generator vacuum circuit breakers are available in drawout (VCP-WG) or fixed (VCP-WRG) configurations to provide for superior performance and versatility. Many industrial and commercial power systems now include small generators as a local source of power. New applications are arising as a result of the de-regulation of the utility industry, and the construction of smaller packaged power plants. Eaton's generator breakers interrupt large short-circuit currents in a small three-pole package.

Typical applications include:

- Electric utilities: fossil, hydro and wind power
- Packaged power plants
- Industrial companies using combined cycle/combustion turbine plants
- Government and military
- Commercial institutions
- Petrochemical and process industries
- Forestry, pulp and paper
- Mining, exploration and marine

The VCP-WG is the world's generator circuit breaker for reliable and robust power generation protection.

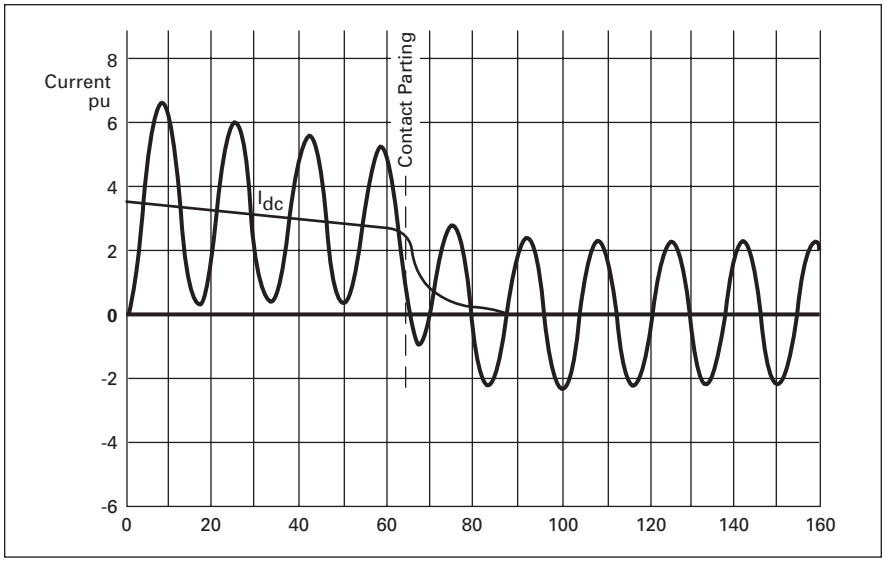


Figure 5.4-2. Generator-Fed Faults Can Experience Delayed Current Zero, Where the High Inductance to Resistance Ratio of the System Can Cause the DC Component of the Fault Current to Exceed 100%

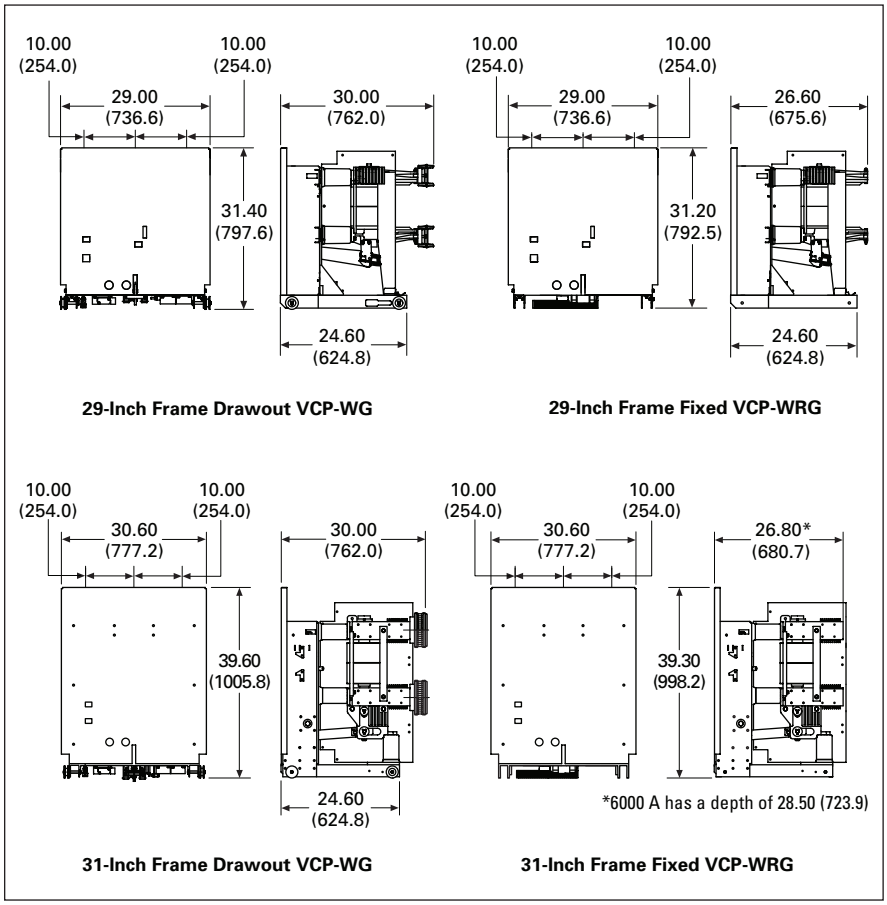


Figure 5.4-3. Type VCP-WG (Drawout) and Type VCP-WRG (Fixed) Circuit Breakers

5 kV Class Generator Circuit Breaker Ratings

Table 5.4-3. Generator Circuit Breaker Types: VCP-WG (Drawout—DO) / VCP-WRG (Fixed—FIX)

Description	Units	Short-Circuit Current (Isc)									
		50 kA				63 kA				75 kA	
Maximum Voltage (V): 5 kV											
Frame in Inches (mm) (see **Figure 5.4-3** on **Page 5.4-9**)	—	29.00 (736.6)	29.00 (736.6)	31.00 (787.4)	31.00 (787.4)	29.00 (736.6)	29.00 (736.6)	31.00 (787.4)	31.00 (787.4)	31.00 (787.4)	31.00 (787.4)
Ratings Assigned	—	DO	FIX	DO	FIX	DO	FIX	DO	FIX	DO	FIX
Continuous Current	A rms	1200 2000 3000	1200 2000 3000	— — —	— — —	1200 2000 3000	1200 2000 3000	— — —	— — —	1200 2000 3000	1200 2000 3000
		4000 ① — —	4000 ① — —	4000 5000 ① —	4000 5000 6000	4000 ① — —	4000 ① — —	4000 5000 ① —	4000 5000 6000	4000 5000 ① —	4000 5000 6000
		— —	— —	— —	6300 ① 7000 ①	— —	— —	— —	6300 ① 7000 ①	— —	6300 ① 7000 ①
Dielectric Strength Power frequency withstand voltage Lightning impulse withstand voltage	 kV rms kV peak	 19 60	 19 60	 19 60	 19 60	 19 60	 19 60	 19 60	 19 60	 19 60	 19 60
Interrupting Time	ms	50	50	83	83	50	50	83	83	83	83
Closing Time	ms	47	47	47	47	47	47	47	47	47	47
Short-Circuit Current Asymmetrical current interrupting capability Ref: Minimum opening time Short-time current carrying capability Duration of short-time current	kA rms % DC ms kA rms sec	50 75 30 50 3	50 75 30 50 3	50 75 54 50 2.3	50 75 54 50 2.3	63 75 30 63 3	63 75 30 63 3	63 75 54 63 1.4	63 75 54 63 1.4	75 63 54 75 1	75 63 54 75 1
Closing and Latching Capability	kA peak	137	137	137	137	173	173	173	173	206	206
First Generator-Source Symmetrical Current Interrupting Capability	kA rms	25	25	25	25	31.5	31.5	31.5	31.5	40	40
First Generator-Source Asymmetrical Current Interrupting Capability	% DC	130	130	130	130	130	130	130	130	130	130
Second Generator-Source Symmetrical Current Interrupting Capability	kA rms	—	—	31.5	31.5	40	40	40	40	50	50
Second Generator-Source Asymmetrical Current Interrupting Capability	% DC	—	—	110	110	110	110	110	110	110	110
Prospective TRV—Rate of Rise of Recovery Voltage (RRRV) Transient recovery voltage—Peak (E2 = 1.84 x V)	kV / µs kV peak	3.0 9.2	3.0 9.2	3.0 9.2	3.0 9.2	3.0 9.2	3.0 9.2	3.0 9.2	3.0 9.2	3.0 ② 9.2 ②	3.0 ② 9.2 ②
Transient recovery voltage—Time to Peak (T2 = 0.62 x V)	µs	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1 ②	3.1 ②
Load Current Switching Endurance Capability	Operations	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
No-Load Mechanical Endurance Capability	Operations	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Out-of-Phase Current Switching Capability	kA	25	25	25	25	31.5	31.5	31.5	31.5	37.5	37.5
90° out-of-phase power frequency recovery voltage (= 1.5 x sqrt(2/3) x V)	kV rms	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
90° out-of-phase inherent TRV—Rate of Rise of Recovery Voltage (RRRV)	kV / µs	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Transient recovery voltage—Peak (E2 = 2.6 x V)	kV peak	13	13	13	13	13	13	13	13	13	13
Transient recovery voltage—Time to Peak (T2 = 0.89 x V)	µs	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5

① Ratings achieved using forced-air cooling by blowers in the enclosure.
② TRV capacitors are required if RRRV is >0.5 kV/µs; or T2 is <65 µs.

Note: Rated frequency: 60 Hz.

Note: Standard operating duty: CO - 30 m - CO.

Note: Relevant Standard: IEEE standards C37.013-1997 and C37.013a-2007.

Note: Test certificates available.

15 kV Class Generator Circuit Breaker Ratings

Table 5.4-4. Generator Circuit Breaker Types: VCP-WG (Drawout—DO) / VCP-WRG (Fixed—FIX) (Continued)

Description	Units	Short-Circuit Current (Isc)									
		50 kA				63 kA				75 kA	
Maximum Voltage (V): 15 kV											
Frame in Inches (mm) (see **Figure 5.4-3** on **Page 5.4-9**)	—	29.00 (736.6)	29.00 (736.6)	31.00 (787.4)	31.00 (787.4)	29.00 (736.6)	29.00 (736.6)	31.00 (787.4)	31.00 (787.4)	31.00 (787.4)	31.00 (787.4)
Ratings Assigned	—	DO	FIX	DO	FIX	DO	FIX	DO	FIX	DO	FIX
Continuous Current	A rms	1200 2000 3000	1200 2000 3000	— — —	— — —	1200 2000 3000	1200 2000 3000	— — —	— — —	1200 2000 3000	1200 2000 3000
		4000 ① — —	4000 ① — —	4000 5000 ① —	4000 5000 6000	4000 ① — —	4000 ① — —	4000 5000 ① —	4000 5000 6000	4000 5000 ① —	4000 5000 6000
		— —	— —	— —	6300 ① 7000 ①	— —	— —	— —	6300 ① 7000 ①	— —	6300 ① 7000 ①
Dielectric Strength Power frequency withstand voltage Lightning impulse withstand voltage	 kV rms kV peak	 36 95	 36 95	 36 95	 36 95	 36 95	 36 95	 36 95	 36 95	 36 95	 36 95
Interrupting Time	ms	50	50	83	83	50	50	83	83	83	83
Closing Time	ms	47	47	47	47	47	47	47	47	47	47
Short-Circuit Current Asymmetrical current interrupting capability Ref: Minimum opening time Short-time current carrying capability Duration of short-time current	kA rms % DC ms kA rms s	50 75 30 50 3	50 75 30 50 3	50 75 54 50 2.3	50 75 54 50 2.3	63 75 30 63 3	63 75 30 63 3	63 75 54 63 1.4	63 75 54 63 1.4	75 63 54 75 1	75 63 54 75 1
Closing and Latching Capability	kA peak	137	137	137	137	173	173	173	173	206	206
First Generator-Source Symmetrical Current Interrupting Capability	kA rms	25	25	25	25	31.5	31.5	31.5	31.5	40	40
First Generator-Source Asymmetrical Current Interrupting Capability	% DC	130	130	130	130	130	130	130	130	130	130
Second Generator-Source Symmetrical Current Interrupting Capability	kA rms	—	—	31.5	31.5	40	40	40	40	50	50
Second Generator-Source Asymmetrical Current Interrupting Capability	% DC	—	—	110	110	110	110	110	110	110	110
Prospective TRV—Rate of Rise of Recovery Voltage (RRRV) Transient recovery voltage—Peak (E2 = 1.84 x V)	kV / µs kV peak	3.4 27.6	3.4 27.6	3.4 27.6	3.4 27.6	3.4 27.6	3.4 27.6	3.4 27.6	3.4 27.6	3.4 ② 30.9 ②	3.4 ② 30.9 ②
Transient recovery voltage—Time to Peak (T2 = 0.62 x V)	µs	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3 ②	9.3 ②
Load Current Switching Endurance Capability	Operations	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
No-Load Mechanical Endurance Capability	Operations	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Out-of-Phase Current Switching Capability	kA	25	25	25	25	31.5	31.5	31.5	31.5	37.5	37.5
90° out-of-phase power frequency recovery voltage (= 1.5 x sqrt(2/3) x V)	kV rms	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
90° out-of-phase inherent TRV—Rate of Rise of Recovery Voltage (RRRV)	kV / µs	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Transient recovery voltage—Peak (E2 = 2.6 x V)	kV peak	39	39	39	39	39	39	39	39	39	39
Transient recovery voltage—Time to Peak (T2 = 0.89 x V)	µs	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4

① Ratings achieved using forced-air cooling by blowers in the enclosure.
② TRV capacitors are required if RRRV is >0.5 kV/µs; or T2 is <65 µs.

Note: Rated frequency: 60 Hz.

Note: Standard operating duty: CO - 30 m - CO.

Note: Relevant Standard: IEEE standards C37.013-1997 and C37.013a-2007.

Note: Test certificates available.

5

Type VCP-W Circuit Breaker Operating Times

The closing time (initiation of close signal to contact make) and opening time (initiation of the trip signal to contact break) are shown in **Table 5.4-5**.

Figure 5.4-4 below shows the sequence of events in the course of circuit interruption, along with applicable VCP-W circuit breaker timings.

Table 5.4-5. Closing Time and Opening Time

Rated Control Voltage	Breaker Rating	Closing Time Milliseconds	Opening Time Milliseconds	
			Standard 5-Cycle Breaker	Optional 3-Cycle Breaker
48V, 125V, 250 Vdc	All	45–60	30–45	30–38
120V, 240 Vac	All	45–60	—	—
120V or 240 Vac capacitor trip	All	—	26–41	26–38
Optional—undervoltage trip release 48V, 125V, 250 Vdc	All	—	30–45	30–45

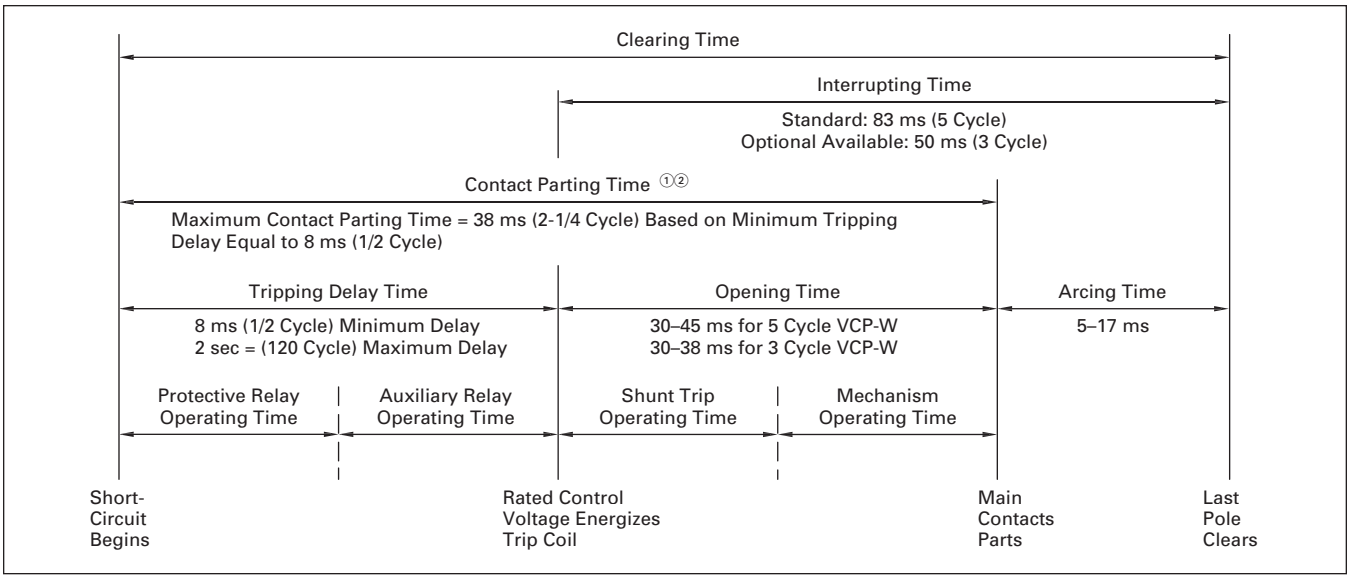


Figure 5.4-4. Sequence of Events and Circuit Breaker Operating Times

① Times shown are based on 60 Hz.

② % DC component capability (and asymmetry factor S) depend on the minimum contact parting time. The % DC component capability is ≥ 50% (S factor ≥ 1.2) for all VCP-W circuit breakers.

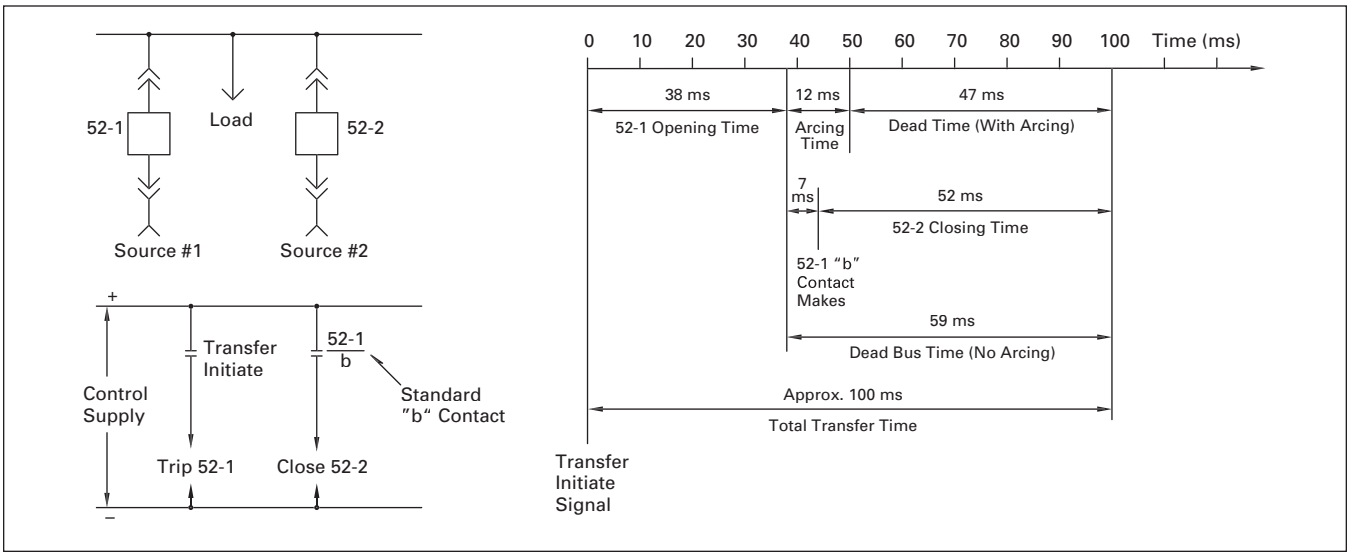


Figure 5.4-5. Typical Transfer Times ③—Fast Sequential Transfer

③ Times shown are based on 60 Hz.

Application Quick Check

See **Table 5.4-7** for application of circuit breakers in a radial system supplied from a single-source transformer. Short-circuit duty was determined using E/X amperes and 1.0 multiplying factor for X/R ratios in the range of 15 to 40.

Usual Service Conditions

Usual service conditions for operation of metal-clad switchgear are as follows:

- Altitude does not exceed 3300 feet (1000m)
- Ambient temperature within the limits of –30°C and +40°C (–22°F and +104°F)
- The effect of solar radiation is not significant

Applications Above 3300 Feet (1006m)

The rated one-minute power frequency withstand voltage, the impulse withstand voltage, the continuous current rating and the maximum voltage rating must be multiplied by the appropriate correction factor in **Table 5.4-9** to obtain modified ratings that must equal or exceed the application requirements.

Note: Intermediate values may be obtained by interpolation.

Applications Above or Below 40°C Ambient

Refer to ANSI C37.20.2, Section 8.4 for load current-carrying capabilities under various conditions of ambient temperature and load.

Applications at Frequencies Less Than 60 Hz

Rated Short-Circuit Current

Based on series of actual tests performed on Type VCP-W circuit breakers and analysis of these test data and physics of vacuum interrupters, it has been found that the current interruption limit for Type VCP-W circuit breakers is proportional to the square root of the frequency. **Table 5.4-6** provides derating factors, which must be applied to breaker interrupting current at various frequencies.

Table 5.4-6. Derating Factors

Interrupting Current Derating Factors			
50 Hz	**25 Hz**	**16 Hz**	**12 Hz**
None	0.65	0.52	0.45

Rated Short-Time and Close and Latch Currents

No derating is required for short time and close and latch current at lower frequency.

Rated Continuous Current

Because the effective resistance of circuit conductors is less at lower frequency, continuous current through the circuit can be increased somewhat. **Table 5.4-8** provides nominal current rating for VCP-W breakers when operated at frequencies below 60 Hz.

Table 5.4-7. Radial System Application Information

Source Transformer MVA Rating		Operating Voltage kV					
Motor Load		2.4	4.16	6.6	12	13.8	27
100%	0%						
Up to 5	Up to 7.5	50 VCP-W 250 ① (36 kA)	50 VCP-W 250 ① (33.2 kA)	150 VCP-W 500 (23 kA)	150 VCP-W 500 (22.5 kA)	150 VCP-W 500 (19.6 kA)	270 VCP-W 750 (16 kA)
7.5 10 ②	10 10	50 VCP-W 350 (49 kA)					
10	12 ②						
12	15		50 VCP-W 350 (46.9 kA)	75 VCP-W 500 (41.3 kA)			
15	20						
20 ②					150 VCP-W 750 (35 kA)	150 VCP-W 750 (30.4 kA)	
	25 30	Breaker type and symmetrical interrupting capability at the operating voltage					
	50 ②				150 VCP-W 1000 (46.3 kA)	150 VCP-W 1000 (40.2 kA)	270 VCP-W 1000 (22 kA)
25	50						
30							270 VCP-W 1250 (25 kA)

① Also includes 50VCPW-ND250.
② Transformer impedance 6.5% or more. All other transformer impedances are 5.5% or more.

Table 5.4-8. Current Ratings

Rated Continuous Current at 60 Hz	Nominal Current at Frequency Below 60 Hz			
	50 Hz	**25 Hz**	**16 Hz**	**12 Hz**
1200A	1243	1410	1519	1589
2000A	2075	2374	2573	2703
3000A	3119	3597	3923	4139

Power Frequency and Impulse Withstand Voltage Ratings

No derating is required for lower frequency.

CTs, VTs, Relays and Instruments

Application at frequency other than rated frequency must be verified for each device on an individual basis.

Table 5.4-9. Altitude Derating Factors

Altitude Above Sea Level in Feet (m)	Altitude Correction Factor to be Applied to:	
	Voltage	**Rated Continuous Current**
3300 (1006) (and Below)	1.0	1.0
4000 (1219)	0.98	0.995
5000 (1524)	0.95	0.991
6000 (1829)	0.92	0.987
6600 (2012)	0.91	0.985
7000 (2137)	0.89	0.98
8000 (2438)	0.86	0.97
9000 (2743)	0.83	0.965
10,000 (3048)	0.80	0.96
12,000 (3658)	0.75	0.95
13,200 (4023)	0.72	0.94
14,000 (4267)	0.70	0.935
16,000 (4877)	0.65	0.925
16,400 (5000)	0.64	0.92
18,000 (5486)	0.61	0.91
20,000 (6096)	0.56	0.90

Unusual Service Conditions

Applications of metal-clad switchgear at other than usual altitude or temperature, or where solar radiation is significant, require special consideration. Other unusual service conditions that may affect design and application include:

- Exposure to salt air, hot or humid climate, excessive dust, dripping water, falling dirt, or other similar conditions
- Unusual transportation or storage conditions
- Switchgear assemblies when used as the service disconnecting means
- Installations accessible to the general public
- Exposure to seismic shock
- Exposure to nuclear radiation

Load Current Switching

Table 5.4-10 showing number of operations is a guide to normal maintenance for circuit breakers operated under usual service conditions for most repetitive duty applications including isolated capacitor bank switching and shunt reactor switching, but not for arc furnace switching. The numbers in the table are equal to or in excess of those required by ANSI C37.06.

Maintenance shall consist of adjusting, cleaning, lubricating, tightening, etc., as recommended by the circuit breaker instruction book.

Continuous current switching assumes opening and closing rated continuous current at rated maximum voltage with power factor between 80% leading and 80% lagging.

Inrush current switching ensures a closing current equal to 600% of rated continuous current at rated maximum voltage with power factor of 30% lagging or less, and an opening current equal to rated continuous current at rated maximum voltage with power factor between 80% leading and 80% lagging.

In accordance with ANSI C37.06, if a short-circuit operation occurs before the completion of the listed switching operations, maintenance is recommended and possible functional part replacement may be necessary, depending on previous accumulated duty, fault magnitude and expected future operations.

Table 5.4-10. Breaker Operations Information

Circuit Breaker Ratings			Maximum Number of Operations ①			
Rated Maximum Voltage kV rms	Rated Continuous Current Amperes	Rated Short-Circuit Current kA rms, sym.	Between Servicing	No-Load Mechanical	Rated Continuous Current Switching	Inrush Current Switching
4.76, 8.25, 15	1200, 2000	33 kA and below	2000	10,000	10,000	750
4.76, 8.25, 15	3000	All	1000	5000	5000	400
4.76, 15	All	37 kA and above	1000	5000	5000	400
27	All	All	500	2500	2500	100
38	All	All	250	1500	1500	100

① Each operation is comprised of one closing plus one opening.

Table 5.4-11. Heat Loss in Watts at Full Rating, at 60 Hz

Type of Switchgear Assembly	Breaker Rating	1200A	2000A	2500A	3000A	4000A Fan Cooled
VCP-W	5, 15, and 27 kV	600W	1400W	—	2100W	3700W
VCP-W	38 kV	850W	1700W	2300W	3800W	—

Other Components

Each CT, standard accuracy	50W
Each CT, high accuracy	100W
Each VT	60W
CPT single-phase, 25 kVA	450W
CPT single-phase, 45 kVA	892W
Space heater—each	250W

Standard Metal-Clad Switchgear Assembly Ratings

VacClad-W metal-clad switchgear is available for application at voltages up to 38 kV, 50 or 60 Hz. Refer to the table below for complete list of available ratings.

Table 5.4-12. Standard VCP-W (Non-Arc-Resistant) Metal-Clad Switchgear Ratings Per IEEE C37.20.2-1999 ①②

Rated Maximum Voltage	(Ref.) Rated Voltage Range Factor K	(Ref.) Rated Short-Circuit Current I	Insulation Level		Rated Main Bus Continuous Current ③④	Rated Short-Time Short-Circuit Current Withstand (2-Second)	Rated Momentary Short-Circuit Current Withstand (10-Cycle) (167 ms)	
			Power Frequency Withstand Voltage, 60 Hz, 1 Minute	Lightning Impulse Withstand Voltage [LIWV] (BIL)		K*I ⑤	2.7 *K*I ⑥	1.6 *K* I ⑦ (Ref. only)
kV rms		kA rms	kV rms	kV Peak	Amperes	kA rms Sym.	kA Crest	kA rms Asym.
4.76	1	25	19	60	1200, 2000, 3000, 4000	25	68	40
	1.24	29			1200, 2000, 3000, 4000	36	97	58
	1	40			1200, 2000, 3000, 4000	40	108	64
	1.19	41			1200, 2000, 3000, 4000	49	132	78
	1	50			1200, 2000, 3000, 4000	50	135	80
	1	63			1200, 2000, 3000, 4000	63	170	101
8.25	1.25	33	36	95	1200, 2000, 3000, 4000	41	111	66
	1	50			1200, 2000, 3000, 4000	50	135	80
15	1.3	18	36	95	1200, 2000, 3000, 4000	23	62	37
	1	25			1200, 2000, 3000, 4000	25	68	40
	1.3	28			1200, 2000, 3000, 4000	36	97	58
	1	40			1200, 2000, 3000, 4000	40	108	64
	1.3	37			1200, 2000, 3000, 4000	48	130	77
	1	50			1200, 2000, 3000, 4000	50	135	80
	1	63			1200, 2000, 3000, 4000	63	170	101
27	1	16	60	125	1200, 2000, 2500, 2700	16	43	26
	1	22			1200, 2000, 2500, 2700	22	60	35
	1	25			1200, 2000, 2500, 2700	25	68	40
	1	31.5			1200, 2000, 2500, 2700	31.5	85	51
	1	40			1200, 2000, 2500, 2700	40	108	64
38	1	16	80	150 ⑧	1200, 2000, 2500	16	43	26
	1	25			1200, 2000, 2500	25	68	40
	1	31.5			1200, 2000, 2500	31.5	85	51
	1.65	23			1200, 2000, 2500	35	95	56
	1	40			1200, 2000, 2500	40	108	64
38	1	16	80	170 ⑨	1200, 2000, 2500, 3000	16	43	26
	1	25			1200, 2000, 2500, 3000	25	68	40
	1	31.5			1200, 2000, 2500, 3000	31.5	85	51
	1.65	23			1200, 2000, 2500, 3000	35	95	56
	1	40			1200, 2000, 2500, 3000	40	108	64

① The switchgear assembly is designed for use with type VCP-W, VCP-WC and VCP-WG circuit breakers. However, please note that certain VCP-WC circuit breakers may have higher capabilities than required by ANSI standards. In such cases, switchgear assembly ratings as given in this table will apply.
② Switchgear assemblies can be supplied with UL/CSA label. Contact Eaton for availability.
③ Circuit breaker requires forced air cooling to carry 4000A at 4.76, 8.25 and 15 kV, and 3000A at 38 kV.
④ 27 kV 2500A and 2700A main bus ratings are available in two-high design configurations only.
⑤ Please note that use of certain current transformers (for example, bar type CTs) and protective devices may limit the duration to a value less than 2 seconds.
⑥ These values exceed 2.6*K*I required by IEEE C37.20.2-1999 and ANSI C37.06-2000.
⑦ These values exceed 1.55*K*I required by IEEE C37.20.2-1999.
⑧ This is a standard IEEE C37.20.2 rating for 38 kV Class of switchgear.
⑨ 170 kV LIWV (BIL) rating available as an option, except when a control power transformer is included.

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Arc-Resistant Switchgear Assembly Ratings

VacClad-W metal-clad arc-resistant switchgear is available for application at voltages up to 38 kV, 50 or 60 Hz. Refer to the table below for complete list of available ratings.

Table 5.4-13. VacClad-W Arc-Resistant Metal-Clad Switchgear ①②

Rated Maximum Voltage ③	(Ref.) Rated Voltage Range Factor K	(Ref.) Rated Short-Circuit Current I	Ratings per IEEE C37.20.2-1999						Enclosure Internal Arc Withstand				
			Insulation Level		Rated Main Bus Continuous Current ④	Rated Short-Time Short-Circuit Current Withstand (2-Second)	Rated Momentary Short-Circuit Current Withstand (10-Cycle) (167 ms)		Accessibility Type		Rated Arc Short-Circuit Withstand Current		Rated Arc Duration
			Power Frequency Withstand Voltage, 60 Hz, 1 Minute	Lightning Impulse Withstand Voltage [LIWV] (BIL)		K*I ⑤	2.7 *K*I ⑥	1.6 *K* I ⑦ (Ref. only)	IEEE C37.20.7	EEMAC G14-1	Isc	2.6*Isc	
kV rms		kA rms	kV rms	kV Peak	Amperes	kA rms Sym.	kA Crest	kA rms Asym.			kA rms Sym.	kA Peak	Sec.
4.76	1	25	19	60	1200, 2000, 3000, 4000	25	68	40	2B	—	25	65	0.5
	1.24	29			1200, 2000, 3000, 4000	36	97	58	2B	—	36	93.6	0.5
	1	40			1200, 2000, 3000, 4000	40	108	64	2B	—	40	104	0.5
	1.19	41			1200, 2000, 3000, 4000	49	132	78	2B	—	49	127.4	0.5
	1	50			1200, 2000, 3000, 4000	50	135	80	2B	—	50	130	0.5
	1	63			1200, 2000, 3000, 4000	63	170	101	2B	—	63	170	0.5
8.25	1.25	33	36	95	1200, 2000, 3000, 4000	41	111	66	2B	—	41	106.6	0.5
	1	50			1200, 2000, 3000, 4000	50	135	80	2B	—	50	130	0.5
15	1.3	18	36	95	1200, 2000, 3000, 4000	23	62	37	2B	—	23	59.8	0.5
	1	25			1200, 2000, 3000, 4000	25	68	40	2B	—	25	65	0.5
	1.3	28			1200, 2000, 3000, 4000	36	97	58	2B	—	36	93.6	0.5
	1	40			1200, 2000, 3000, 4000	40	108	64	2B	—	40	104	0.5
	1.3	37			1200, 2000, 3000, 4000	48	130	77	2B	—	48	124.8	0.5
	1	50			1200, 2000, 3000, 4000	50	135	80	2B	—	50	130	0.5
	1	63			1200, 2000, 3000, 4000	63	170	101	2B	—	63	170	0.5
27 ③⑧	1	16	60	125	1200, 2000, 2500, 3000	16	43	26	2	B	16	41.6	0.5
	1	22			1200, 2000, 2500, 3000	22	60	35	2	B	22	57.2	0.5
	1	25			1200, 2000, 2500, 3000	25	68	40	2	B	25	65	0.5
	1	31.5			1200, 2000, 2500, 3000	31.5	85	51	2	B	31.5	81.9	0.5
	1	40			1200, 2000, 2500, 3000	40	108	64	2	B	40	104	0.5
38 ③	1	16	80	150	1200, 2000, 2500, 3000	16	43	26	2	B	16	41.6	0.5
	1	25			1200, 2000, 2500, 3000	25	68	40	2	B	25	65	0.5
	1	31.5			1200, 2000, 2500, 3000	31.5	85	51	2	B	31.5	81.9	0.5
	1.65	23			1200, 2000, 2500, 3000	35	95	56	2	B	35	91	0.5
	1	40			1200, 2000, 2500, 3000	40	108	64	2	B	40	104	0.5

① The switchgear assembly is designed for use with type VCP-W, VCP-WC and VCP-WG circuit breakers. However, please note that certain VCP-WC circuit breakers may have higher capabilities than required by ANSI standards. In such cases, switchgear assembly ratings as given in this table will apply.

② Switchgear assemblies can be supplied with UL/CSA label. Contact Eaton for availability.

③ **5–15 kV switchgear is supplied with a plenum. 27–38 kV switchgear is supplied with arc wall.** For plenum requirements at 27 and 38 kV, contact Eaton.

④ Maximum continuous current rating for circuit breaker that can be supplied at 38 kV is 2500A.

⑤ Please note that use of certain current transformers (for example, bar type CTs) and protective devices may limit the duration to a value less than 2 seconds.

⑥ These values exceed 2.6*K*I required by IEEE C37.20.2-1999 and ANSI C37.06-2000.

⑦ These values exceed 1.55*K*I required by IEEE C37.20.2-1999.

⑧ 27 kV arc-resistant switchgear can be supplied in one-high configuration only.

Surge Protection

Eaton's VacClad-W metal-clad switchgear is applied over a broad range of circuits, and is one of the many types of equipment in the total system. The distribution system can be subject to voltage transients caused by lighting or switching surges.

Recognizing that distribution system can be subject to voltage transients caused by lighting or switching, the industry has developed standards to provide guidelines for surge protection of electrical equipment. Those guidelines should be used in design and protection of electrical distribution systems independent of the circuit breaker interrupting medium. The industry standards are:

ANSI C62
Guides and Standards for Surge Protection

IEEE 242—Buff Book
IEEE Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems

IEEE 141—Red Book
Recommended Practice for Electric Power Distribution for Industrial Plants

IEEE C37.20.2
Standards for Metal-Clad Switchgear

Eaton's medium voltage metal-clad and metal-enclosed switchgear that uses vacuum circuit breakers is applied over a broad range of circuits. It is one of the many types of equipment in the total distribution system. Whenever a switching device is opened or closed, certain interactions of the power system elements with the switching device can cause high frequency voltage transients in the system. Due to the wide range of applications and variety of ratings used for different elements in the power systems, a given circuit may or may not require surge protection. Therefore, Eaton does not include surge protection as standard with its metal-clad or metal-enclosed medium voltage switchgear. The user exercises the options as to the type and extent of the surge protection necessary depending on the individual circuit characteristics and cost considerations.

The following are Eaton's recommendations for surge protection of medium voltage equipment. **Please note these recommendations are valid when using Eaton's vacuum breakers only.**

Surge Protection Recommendations:

Note: The abbreviation ZORC® used in the text below refers to Surge Protection Device manufactured by Strike Technology (Pty) Ltd. An equivalent device offered by other manufacturers, such as Type EHZ by ABB, and Protec Z by Northern Technologies SA can also be used.

1. For circuits exposed to lightning, surge arresters should be applied in line with Industry standard practices.
2. Transformers
   a. Close-Coupled to medium voltage primary breaker: Provide transients surge protection, such as Surge Arrester in parallel with RC Snubber, or ZORC®. The surge protection device selected should be located and connected at the transformer primary terminals or it can be located inside the switchgear and connected on the transformer side of the primary breaker.
   b. Cable-Connected to medium voltage primary breaker: Provide transient surge protection, such as Surge Arrester in parallel with RC Snubber, or ZORC for transformers connected by cables with lengths up to 75 feet. The surge protection device should be located and connected at the transformer terminals. No surge protection is needed for transformers with lightning impulse withstand ratings equal to that of the switchgear and connected to the switchgear by cables at least 75 feet or longer. For transformers with lower BIL, provide surge arrester in parallel with RC Snubber or ZORC.

RC Snubber and/or ZORC damp internal transformer resonance:

The natural frequency of transformer windings can under some circumstances be excited to resonate. Transformer windings in resonance can produce elevated internal voltages that produce insulation damage or failure. An RC Snubber or a ZORC applied at the transformer terminals as indicated above can damp internal winding resonance and prevent the production of damaging elevated internal voltages. This is typically required where rectifiers, UPS or similar electronic equipment is on the transformer secondary.

3. Arc-Furnace Transformers—Provide Surge Arrester in parallel with RC Snubber, or ZORC at the transformer terminals.
4. Motors—Provide Surge Arrester in parallel with RC Snubber, or ZORC at the motor terminals. For those motors using VFDs, surge protection should be applied and precede the VFD devices as well.
5. Generators—Provide station class Surge Arrester in parallel with RC Snubber, or ZORC at the generator terminals.
6. Capacitor Switching—No surge protection is required. Make sure that the capacitor's lightning impulse withstand rating is equal to that of the switchgear.
7. Shunt Reactor Switching—Provide Surge Arrester in parallel with RC Snubber, or ZORC at the reactor terminals.
8. Motor Starting Reactors or Reduced Voltage Auto-Transformers—Provide Surge Arrester in parallel with RC Snubber, or ZORC at the reactor or RVAT terminals.
9. Switching Underground Cables—Surge protection not needed.

Types of Surge Protection Devices

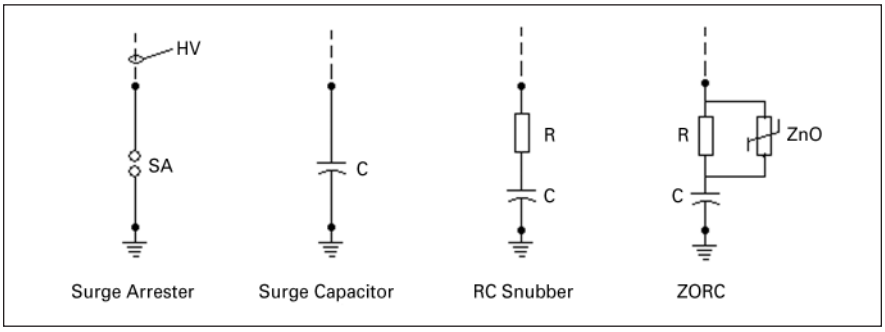


Figure 5.4-6. Surge Protection Devices

Generally surge protective devices should be located as closely as possible to the circuit component(s) that require protection from the transients, and connected directly to the terminals of the component with conductors that are as short and flat as possible to minimize the inductance. It is also important that surge protection devices should be properly grounded for effectively shunting high frequency transients to ground.

Surge Arresters

The modern metal-oxide surge arresters are recommended because this latest advance in arrester design ensures better performance and high reliability of surge protection schemes. Manufacturer's technical data must be consulted for correct application of a given type of surge arrester. Notice that published arrester MCOV (Maximum Continuous Operating Voltage) ratings are based on 40° or 45°C ambient temperature. In general, the following guidelines are recommended for arrester selections, when installed inside Eaton's medium voltage switchgear:

A. Solidly Grounded Systems: Arrester MCOV rating should be equal to 1.05 x V_{LL}/(1.732 x T), where V_{LL} is nominal line-to-line service voltage, 1.05 factor allows for +5% voltage variation above the nominal voltage according to ANSI C84.1, and T is derating factor to allow for operation at 55°C switchgear ambient, which should be obtained from the arrester manufacturer for the type of arrester under consideration. Typical values of T are: 0.946 to 1.0.

B. Low Resistant Grounded Systems (systems grounded through resistor rated for 10 seconds): Arrester 10-second MCOV capability at 60°C, which is obtained from manufacturer's data, should be equal to 1.05 x V_{LL}, where V_{LL} is nominal line-to-line service voltage, and 1.05 factor allows for +5% voltage variation above the nominal voltage.

C. Ungrounded or Systems Grounded through impedance other than 10-second resistor: Arrester MCOV rating should be equal to 1.05 x V_{LL}/T, where V_{LL} and T are as defined above.

Refer to **Table 5.4-14** for recommended ratings for metal-oxide surge arresters that are sized in accordance with the above guidelines, when located in Eaton's switchgear.

Surge Capacitors

Metal-oxide surge arresters limit the magnitude of prospective surge overvoltage, but are ineffective in controlling its rate of rise. Specially designed surge capacitors with low internal inductance are used to limit the rate of rise of this surge overvoltage to protect turn-to-turn insulation. Recommended values for surge capacitors are: 0.5 µf on 5 and 7.5 kV, 0.25 µf on 15 kV, and 0.13 µf on systems operating at 24 kV and higher.

RC Snubber

A RC Snubber device consists of a non-inductive resistor R sized to match surge impedance of the load cables, typically 20 to 30 ohms, and connected in series with a Surge Capacitor C. The Surge Capacitor is typically sized to be 0.15 to 0.25 microfarad. Under normal operating conditions, impedance of the capacitor is very high, effectively "isolating" the resistor R from the system at normal power frequencies, and minimizing heat dissipation during normal operation. Under high frequency transient conditions, the capacitor offers very low impedance, thus effectively "inserting" the resistor R in the power system as cable terminating resistor, thus minimizing reflection of the steep wave-fronts of the voltage transients and prevents voltage doubling of the traveling wave. The RC Snubber provides protection against high frequency transients by absorbing and damping and the transients. Please note RC Snubber is most effective in mitigating fast-rising transient voltages, and in attenuating reflections and resonances before they have a chance to build up, but does not limit the peak magnitude of the transient. Therefore, the RC Snubber alone may not provide adequate protection. To limit peak magnitude of the transient, application of surge arrester should also be considered.

ZORC

A ZORC device consists of parallel combination of Resistor (R) and Zinc Oxide Voltage Suppressor (ZnO), connected in series with a Surge Capacitor. The resistor R is sized to match surge impedance of the load cables, typically 20 to 30 ohms. The ZnO is a gapless metal-oxide non-linear arrester, set to trigger at 1 to 2 PU voltage, where 1 PU = 1.412*(V_{L-L}/1.732). The Surge Capacitor is typically sized to be 0.15 to 0.25 microfarad. As with RC Snubber, under normal operating conditions, impedance of the capacitor is very high, effectively "isolating" the resistor R and ZnO from the system at normal power frequencies, and minimizing heat dissipation during normal operation. Under high frequency transient conditions, the capacitor offers very low impedance, thus effectively "inserting" the resistor R and ZnO in the power system as cable terminating network, thus minimizing reflection of the steep wave-fronts of the voltage transients and prevents voltage doubling of the traveling wave. The ZnO element limits the peak voltage magnitudes. The combined effects of R, ZnO, and Capacitor of the ZORC device provides optimum protection against high frequency transients by absorbing, damping, and by limiting the peak amplitude of the voltage wave-fronts. Please note that the ZORC is not a lightning protection device. If lightning can occur or be induced in the electrical system, a properly rated and applied surge arrester must precede the ZORC.

Surge Protection Summary

Minimum protection: Surge Arrester for protection from high overvoltage peaks, or Surge Capacitor for protection from fast-rising transient. Please note that the surge arresters or surge capacitor alone may not provide adequate surge protection from escalating voltages caused by circuit resonance. Note that when applying surge capacitors on both sides of a circuit breaker, surge capacitor on one side of the breaker must be RC Snubber or ZORC, to mitigate possible virtual current chopping.

Good protection: Surge Arrester in parallel with Surge Capacitor for protection from high overvoltage peaks and fast rising transient. This option may not provide adequate surge protection from escalating voltages caused by circuit resonance. When applying surge capacitors on both sides of a circuit breaker, surge capacitor on one side of the breaker must be RC Snubber or ZORC, to mitigate possible virtual current chopping.

Better protection: RC Snubber in parallel with Surge Arrester for protection from high frequency transients and voltage peaks.

Best protection: ZORC, plus proper surge arrester preceding ZORC where needed for protection against lightning. ZORC provides protection from high frequency voltage transients and limits peak magnitude of the transient to 1 to 2 PU (see ZORC description on **Page 5.4-18** for more detail). Surge arrester provides protection from higher voltage peaks resulting from lightning surges.

Table 5.4-14. Surge Arrester Selections—Recommended Ratings

Service Voltage Line-to-Line kV	Distribution Class Arresters						Station Class Arresters					
	Solidly Grounded System		Low Resistance Grounded System		High Resistance or Ungrounded System		Solidly Grounded System		Low Resistance Grounded System		High Resistance or Ungrounded System	
	Arrester Ratings kV						Arrester Ratings kV					
	Nominal	MCOV	Nominal	MCOV	Nominal	MCOV	Nominal	MCOV	Nominal	MCOV	Nominal	MCOV
2.30	3	2.55	3	2.55	3	2.55	3	2.55	3	2.55	3	2.55
2.40	3	2.55	3	2.55	6	5.10	3	2.55	3	2.55	6	5.10
3.30	3	2.55	3	2.55	6	5.10	3	2.55	3	2.55	6	5.10
4.00	3	2.55	6	5.10	6	5.10	3	2.55	6	5.10	6	5.10
4.16	6	5.10	6	5.10	6	5.10	6	5.10	6	5.10	6	5.10
4.76	6	5.10	6	5.10	9	7.65	6	5.10	6	5.10	9	7.65
4.80	6	5.10	6	5.10	9	7.65	6	5.10	6	5.10	9	7.65
6.60	6	5.10	6	5.10	9	7.65	6	5.10	6	5.10	9	7.65
6.90	6	5.10	6	5.10	9	7.65	6	5.10	9	7.65	9	7.65
7.20	6	5.10	6	5.10	10	8.40	6	5.10	9	7.65	10	8.40
8.32	9	7.65	9	7.65	12	10.20	9	7.65	9	7.65	12	10.20
8.40	9	7.65	9	7.65	12	10.20	9	7.65	9	7.65	12	10.20
11.00	9	7.65	9	7.65	15	12.70	9	7.65	10	8.40	15	12.70
11.50	9	7.65	10	8.40	18	15.30	9	7.65	12	10.20	18	15.30
12.00	10	8.40	10	8.40	18	15.30	10	8.40	12	10.20	18	15.30
12.47	10	8.40	12	10.20	18	15.30	10	8.40	12	10.20	18	15.30
13.20	12	10.20	12	10.20	18	15.30	12	10.20	12	10.20	18	15.30
13.80	12	10.20	12	10.20	18	15.30	12	10.20	15	12.70	18	15.30
14.40	12	10.20	12	10.20	21	17.00	12	10.20	15	12.70	21	17.00
18.00	15	12.70	15	12.70	27	22.00	15	12.70	18	15.30	27	22.00
20.78	18	15.30	18	15.30	30	24.40	18	15.30	21	17.00	30	24.40
22.00	18	15.30	18	15.30	30	24.40	18	15.30	21	17.00	30	24.40
22.86	18	15.30	21	17.00	—	—	18	15.30	24	19.50	36	29.00
23.00	18	15.30	21	17.00	—	—	18	15.30	24	19.50	36	29.00
24.94	21	17.00	24	19.50	—	—	21	17.00	24	19.50	36	29.00
25.80	21	17.00	24	19.50	—	—	21	17.00	24	19.50	36	29.00
26.40	21	17.00	24	19.50	—	—	21	17.00	27	22.00	39	31.50
33.00	27	22.00	30	24.40	—	—	27	22.00	36	29.00	45	36.50
34.50	30	24.40	30	24.40	—	—	30	24.40	36	29.00	48	39.00
38.00	30	24.40	—	—	—	—	30	24.40	36	29.00	—	—

Instrument Transformers

Instrument transformers are used to protect personnel and secondary devices from high voltage, and permit use of reasonable insulation levels for relays, meters and instruments. The secondaries of standard instrument transformers are rated at 5A and/or 120V, 60 Hz.

Voltage Transformers

Selection of the ratio for voltage transformers is seldom a question since the primary rating should be equal to or higher than the system line-to-line voltage. The number of potential transformers per set and their connection is determined by the type of system and the relaying and metering required.

When two VTs are used, they are typically connected L-L, and provide phase-to-phase voltages, (Vab, Vbc, Vca) for metering and relaying.

When three VTs are used, they are connected line-to-ground, and provide phase-to-phase (Vab, Vbc, Vca), as well as phase-to-ground (Va, Vb, Vc) voltages for metering and relaying.

If metering or relaying application requires phase-to-ground voltages, use three VTs, each connected L-G. If not, use of two VTs connected L-L is sufficient.

For ground detection, three VTs connected in Line-to-ground/broken-delta are used.

A single VT, when used, can be connected line-to-line (it will provide line-to-line output, for example Vab or Vbc or Vca), or line-to-ground (it will provide line-to-ground output, for example Va or Vb or Vc). Generally, a single VT is used to derive voltage signal for synchronizing or Over Voltage/Under Voltage function.

Current Transformers

The current transformer ratio is generally selected so that the maximum load current will read about 70% full scale on a standard 5A coil ammeter. Therefore, the current transformer primary rating should be 140–150% of the maximum load current.

Maximum system fault current can sometimes influence the current transformer ratio selection because the connected secondary devices have published one-second ratings.

The zero-sequence current transformer is used for sensitive ground fault relaying or self-balancing primary current type machine differential protection. The zero-sequence current transformer is available with a nominal ratio of 50/5 or 100/5 and available opening size for power cables of 7.25 inches (184.2 mm). Special zero-sequence transformers with larger windows are also available.

The minimum number of current transformers for circuit relaying and instruments is three current transformers, one for each phase or two-phase connected current transformers and one zero-sequence current transformer. Separate sets of current transformers are required for differential relays.

The minimum pickup of a ground relay in the residual of three-phase connected current transformers is primarily determined by the current transformer ratio. The relay pickup can be reduced by adding one residual connected auxiliary current transformer. This connection is very desirable on main incoming and tie circuits of low resistance grounded circuits.

When utilizing the MP-3000 Motor Protective Relay, it is recommended that the ratio of CT primary rating to the motor full load amperes (CTprim/Motor FLA) is selected to fall between 0.5 to 1.5.

Standard accuracy current transformers are normally more than adequate for most standard applications of microprocessor-based protective relays and meters. See **Table 5.4-17** for CT accuracy information.

Table 5.4-15. Standard Voltage Transformer Ratio Information

Rating-Volts	2400	4200	4800	7200	8400	10800	12000	14400	15600	18000	21000	24000	27000	36000
Ratio	20-1	35-1	40-1	60-1	70-1	90-1	100-1	120-1	130-1	150-1	175-1	200-1	225-1	300-1

Table 5.4-16. Standard Voltage Transformer, 60 Hz Accuracy Information

Switchgear		Voltage Transformer—ANSI Accuracy											
kV Class	kV BIL	Maximum Number Per Set and Connection	Standard Ratios	Burdens at 120 Volts				Burdens at 69.3 Volts				Thermal Rating 55°C Connection	Volt-Ampere
				W, X, Y	Z	M	ZZ	W, X	Y	M	Z		
5	60	2LL or 3LG	20, ① 35, 40	0.3	1.2	—	—	0.3	—	—	—	LL LG LG ②	700 400 700
7.5 and 15	95	2LL or 3LG	35, 40, 60, 70, 100, 120	0.3	0.3	0.3	0.6	0.3	0.3	0.3	1.2	LL LG LG ②	1000 550 1000
27	125	2LL or 3LG	90, 100, 120, 130, 150, 175, 200, 225	0.3	0.3	0.3	1.2	0.3	0.3	0.3	1.2	LL LG LG ②	1000 550 1000
38	170	2LL or 3LG	175, 300	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	LL LG LG ②	1000 550 1000

① For solidly grounded 4160V system only or any type 2400V system.
② For solidly grounded system only.
Note: LL = Line-to-line connection. LG = Line-to-ground connection.

Table 5.4-17. Current Transformers, 55°C Ambient

CT Ratio (MR = Multi-Ratio)	Metering Accuracy Classification			Relaying Accuracy Classification		
	At 60 Hz Standard Burden B 0.1	At 60 Hz Standard Burden B 0.5	At 60 Hz Standard Burden B 1.8	Minimum Accuracy Required per IEEE C37.20.2	Standard Accuracy Supplied in VCP-W Switchgear	Optional High Accuracy Available in VCP-W Switchgear
50:5 75:5 100:5	1.2 1.2 1.2	— 2.4 2.4	— — —	C10 C10 C10	C10 C20 C20	— — —
150:5 200:5 250:5	0.6 0.6 0.6	2.4 2.4 2.4	— — —	C20 C20 ③	C20 C20 C20	C50 C50 C50
300:5 400:5 500:5	0.6 0.3 0.3	2.4 1.2 0.3	2.4 2.4 2.4	C20 C50 ③	C20 C50 C50	C100 C100 C100
600:5 800:5 1000:5	0.3 0.3 0.3	0.3 0.3 0.3	2.4 1.2 0.3	C50 C50 ③	C100 C100 C100	C200 C200 C200
1200:5 1500:5 2000:5	0.3 0.3 0.3	0.3 0.3 0.3	0.3 0.3 0.3	C100 C100 C100	C200 C200 C200	C400 C400 C400
2500:5 3000:5 4000:5	0.3 0.3 0.3	0.3 0.3 0.3	0.3 0.3 0.3	③ C100 C100	C200 C200 C200	C400 C400 C400
600:5 MR 1200:5 MR 2000:5 MR 3000:5 MR	0.3 0.3 0.3 0.3	0.3 0.3 0.3 0.3	2.4 0.3 0.3 0.3	③ ③ ③ ③	C100 C200 C200 C200	C200 C400 C400 C400
50:5 zero sequence 100:5 zero sequence	— —	— —	— —	— —	C10 C20	— —

③ Not listed in C37.20.2.
Note: Maximum number of CTs—Two sets of standard accuracy or one set of high accuracy CTs can be installed in the breaker compartment on each side of the circuit breaker.

5

Control Equipment

Circuit Breaker Control

Eaton's VCP-W circuit breaker has a motor charged spring type stored energy closing mechanism. Closing the breaker charges accelerating springs. Protective relays or the control switch will energize a shunt trip coil to release the accelerating springs and open the breaker. This requires a reliable source of control power for the breaker to function as a protective device. Typical AC and DC control schematics for type VCP-W circuit breakers are shown on **Pages 5.4-24** and **5.4-25**.

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For AC control, a capacitor trip device is used with each circuit breaker shunt trip to ensure that energy will be available for tripping during fault conditions. A control power transformer is required on the source side of each incoming line breaker. Closing bus tie or bus sectionalizing breakers will require automatic transfer of control power. This control power transformer may also supply other AC auxiliary power requirements for the switchgear.

For DC control, it would require a DC control battery, battery charger and an AC auxiliary power source for the battery charger. The battery provides a very reliable DC control source, since it is isolated from the AC power system by the battery charger. However, the battery will require periodic routine maintenance and battery capacity is reduced by low ambient temperature.

Any economic comparison of AC and DC control for switchgear should consider that the AC capacitor trip is a static device with negligible maintenance and long life, while the DC battery will require maintenance and replacement at some time in the future.

Relays

Microprocessor-based or solid-state relays would generally require DC power or reliable uninterruptible AC supply for their logic circuits.

Auxiliary Switches

Optional circuit breaker and cell auxiliary switches are available where needed for interlocking or control of auxiliary devices. Typical applications and operation are described in **Figure 5.4-7** and **Table 5.4-18**.

Breaker auxiliary switches and MOC switches are used for breaker open/close status and interlocking.

Auxiliary contacts available for controls or external use from auxiliary switch located on the circuit breaker are typically limited in number by the breaker control requirements as follows:

- Breakers with AC control voltage: 1NO and 3NC
- Breakers with DC control voltage: 2NO and 3NC

When additional auxiliary contacts are needed, following options are available:

- 5/15/27 kV Breakers: Each breaker compartment can be provided with up to three Mechanism Operated Cell (MOC) switches, each with 5NO and 4NC contacts. The MOC switches are rotary switches, mounted in the cell, and operated by a plunger on the breaker. Two types of MOC switches can be provided—MOC that operates with breaker in connected position only, or MOC that operates with breaker in connected, as well as test position
- 38 kV Breakers: Each 38 kV breaker can be provided with an additional breaker mounted auxiliary switch, with 5 NO and 5 NC contacts

Another optional switch available is called TOC–Truck Operated Switch. This switch is mounted in the cell and operates when the circuit breaker is levered into or out of the operating position. This switch changes its state when breaker is moved from test to connected position and vice versa. The TOC provides 4NO and 5NC contacts.

Auxiliary switch contacts are primarily used to provide interlocking in control circuits, switch indicating lights, auxiliary relays or other small loads. Suitability for switching remote auxiliary devices, such as motor heaters or solenoids, may be checked with the interrupting capacity listed in **Table 5.4-18**. Where higher interrupting capacities are required, an interposing contactor should be specified.

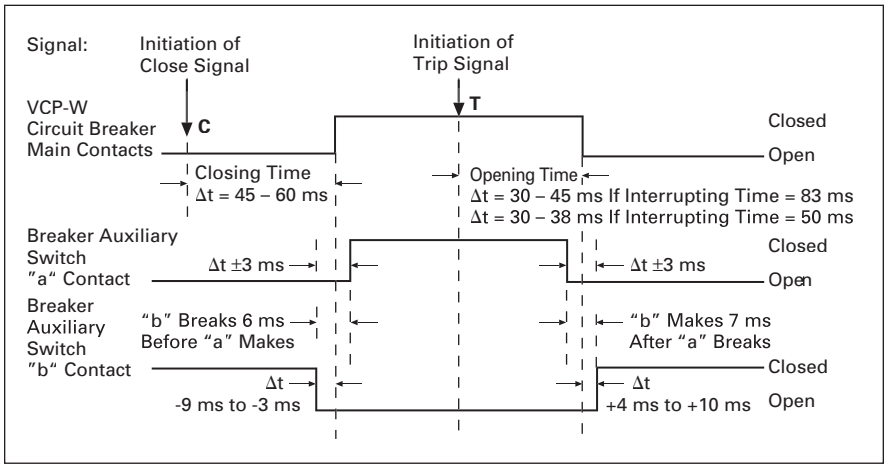


Figure 5.4-7. Breaker Auxiliary Switch Operating Times

Table 5.4-18. Auxiliary Switch Contacts Interrupting Capacities

Type Auxiliary Switch	Continuous Current Amperes	Control Circuit Voltage				
		120 Vac	240 Vac	48 Vdc	125 Vdc	250 Vdc
Non-inductive Circuit Interrupting Capacity in Amperes						
Breaker Auxiliary Switch	20	15	10	16	10	5
TOC Switch	20	15	10	16	10	5
MOC Switch	20	15	10	16	10	5
Inductive Circuit Interrupting Capacity in Amperes						
Breaker Auxiliary Switch	20	15	10	16	10	5
TOC Switch	20	15	10	16	10	5
MOC Switch	20	15	10	16	10	5

Table 5.4-19. VCP-W Breaker Stored Energy Mechanism Control Power Requirements

Rated Control Voltage	Spring Charging Motor			Close or Trip Amperes	UV Trip mA Maximum	Voltage Range		Indicating Light Amperes
	Inrush Amperes	Run Amperes	Average Run Time, Sec.			Close	Trip	
48 Vdc	36.0	9	6	16	200	38–56	28–56	0.02
125 Vdc	16.0	4	6	7	80	100–140	70–140	0.02
250 Vdc	9.2	2	6	4	40	200–280	140–280	0.02
120 Vac	16.0	4	6	6	—	104–127	104–127	0.02
240 Vac	9.2	2	6	3	—	208–254	208–254	0.02

Table 5.4-20. Control Power Transformers—Single-Phase, 60 Hz ①

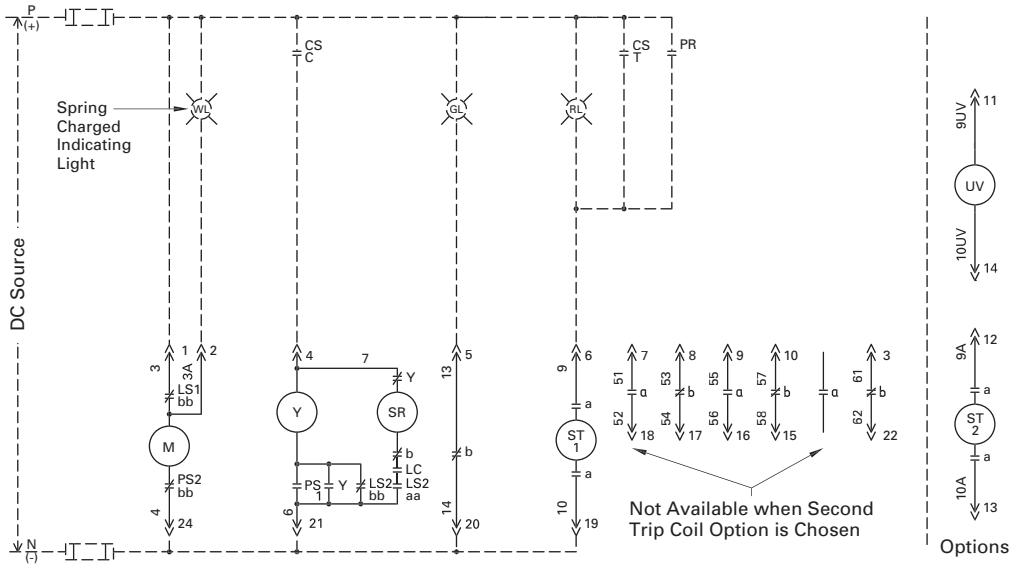
Taps			Secondary Volts	kVA	kV Class
+7-1/2%	Rated	–7-1/2%			
2580	2400	2220	240/120	5, 10, 15	5
4470	4160	3850	240/120	5, 10, 15	5
5160	4800	4400	240/120	5, 10, 15	5
7740	7200	6680	240/120	5, 10, 15	15
9030	8400	7770	240/120	5, 10, 15	15
13405	12470	11535	240/120	5, 10, 15	15
14190	13200	12210	240/120	5, 10, 15	15
14835	13800	12765	240/120	5, 10, 15	15
24725	23000	21275	240/120	5, 10, 15	27
37088	34500	31913	240/120	15, 25	38 ②

① Line-to-line connection only available. Refer to Eaton for other voltages and kVA ratings.
② 150 kV BIL.

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ANSI Standard VCP-W Breaker DC Control Schematic



ANSI Standard VCP-W Breaker AC Control Schematic

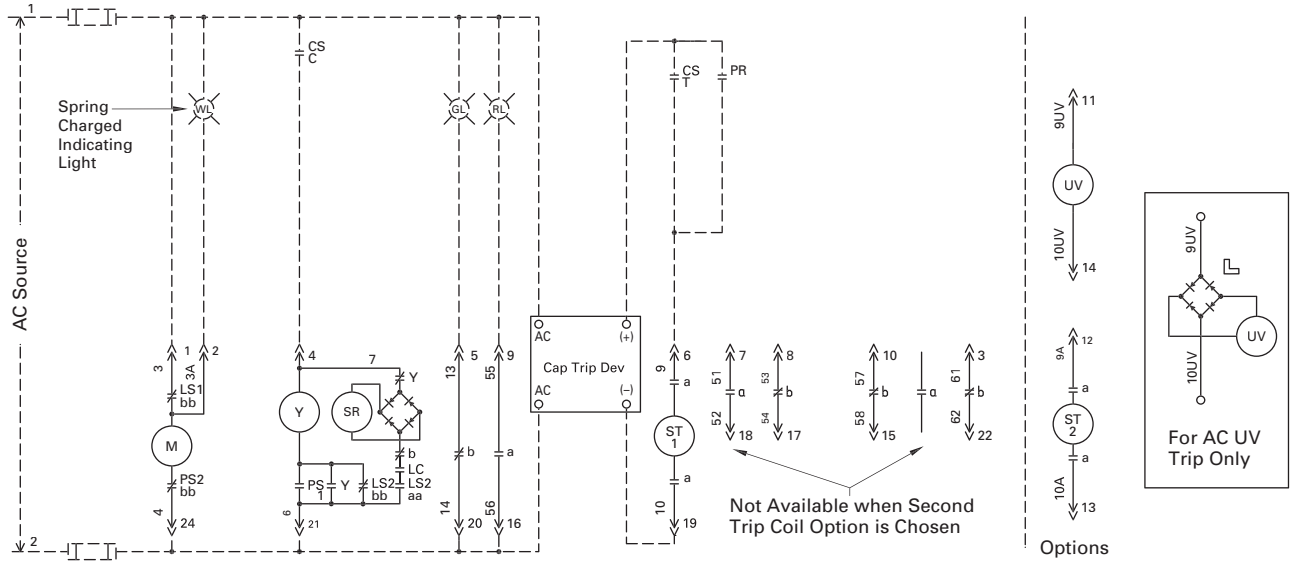


Figure 5.4-8. Typical 5/15/27 kV VCP-W "DC" and "AC" Control Schematics

Legend:
- **CS C** = Breaker Control Switch–Close
- **CS T** = Breaker Control Switch–Trip
- **Y** = Anti Pump Relay
- **SR** = Spring Release Coil (Coil)
- **M** = Spring Charge Motor
- **ST** = Shunt Trip
- **PR** = Protective Relay
- ∧ ∧ = Secondary Disconnect

Operation:
- **LS1 aa** = Open until springs are fully charged.
- **LS1 bb** = Closed until springs are fully charged.
- **LS2 aa** = Open until springs are fully charged.
- **LS2 bb** = Closed until springs are fully charged.
- **LC** = Open until mechanism is reset.
- **PS1** = Open in all except between "Test" and "Connected" positions.
- **PS2** = Closed in all except between "Test" and "Connected" positions.

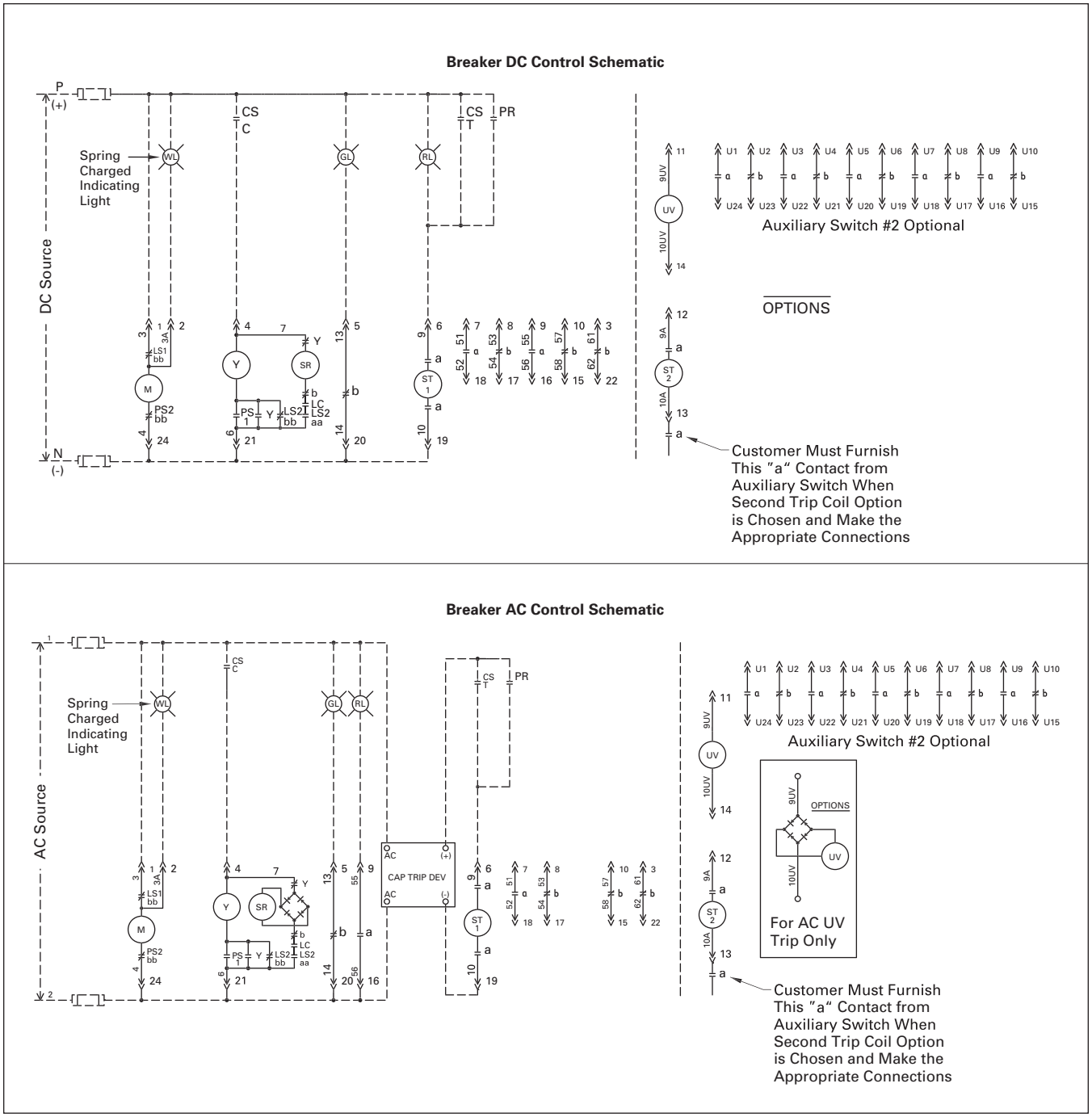


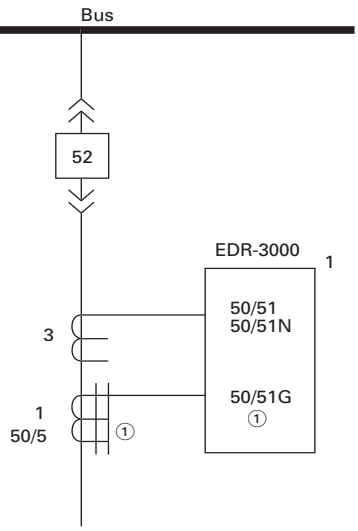
Figure 5.4-9. Typical 38 kV VCP-W "DC" and "AC" Control Schematics

Legend:

CS C = Breaker Control Switch–Close
CS T = Breaker Control Switch–Trip
Y = Anti Pump Relay
SR = Spring Release Coil (Coil)
M = Spring Charge Motor
ST = Shunt Trip
PR = Protective Relay
^ ^ = Secondary Disconnect

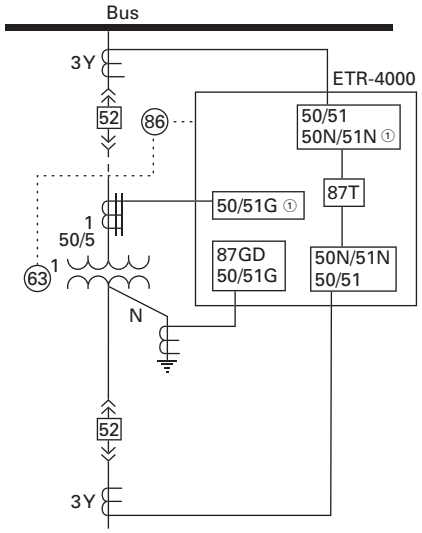
Operation:

LS1 aa = Open until springs are fully charged.
LS1 bb = Closed until springs are fully charged.
LS2 aa = Open until springs are fully charged.
LS2 bb = Closed until springs are fully charged.
LC = Open until mechanism is reset.
PS1 = Open in all except between "Test" and "Connected" positions.
PS2 = Closed in all except between "Test" and "Connected" positions.



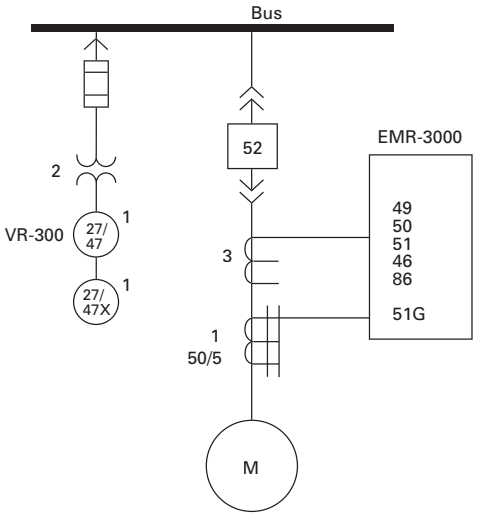
Phase CT Rating = 200% Feeder Full Load
EDR-3000 = Eaton Distribution Relay
① Alternate to 50/51N

Figure 5.4-10. Protective Relays—Feeder Circuit



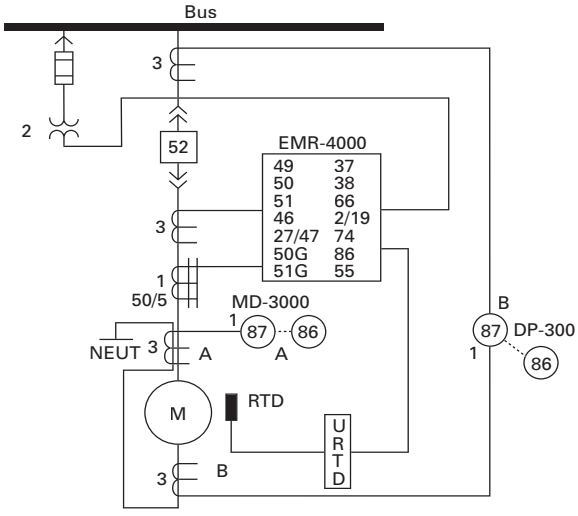
Phase CT Rating = 200% Full Load
ETR-4000 = Eaton Transformer Relay
87T–Transformer Differential Relay (Above 5 MVA)
86GD = Ground Differential Relay (Above 5 MVA and Low Resistance Grounded)
86–Lockout Relay
63–Sudden Pressure Relay (Liquid Above 5 MVA)
① Alternate to 50/51N

Figure 5.4-12. Protective Relays—Transformer Feeder



Phase CT Rating = 150% Full Load
EMR-3000 = Eaton Motor Relay
27/47–Undervoltage, Phase Sequence, and Unbalanced Voltage Relay
VR-300 (One Per Bus)
27/47x–Auxiliary Relay for Multi-motor System

Figure 5.4-11. Protective Relays—Induction Motors Below 1500 hp Minimum Adequate Protection



Phase CT Rating = 150% Full Load
A–Preferred Scheme (MD-3000 = Self-Balancing Differential Scheme)
B–Alternate Scheme (DP-300 = Restrained Differential Scheme)
EMR-4000 = Eaton Motor Relay
87–Motor Differential Relay
86–Lockout Relay
55–Loss of Synchronism (Synchronous Motors Only)
URTD–Universal RTD Interface Module

Figure 5.4-13. Protective Relays—Induction Motors Above 1500 hp and Synchronous Motors

EDR-4000 Relay–Typical One-Line Diagrams

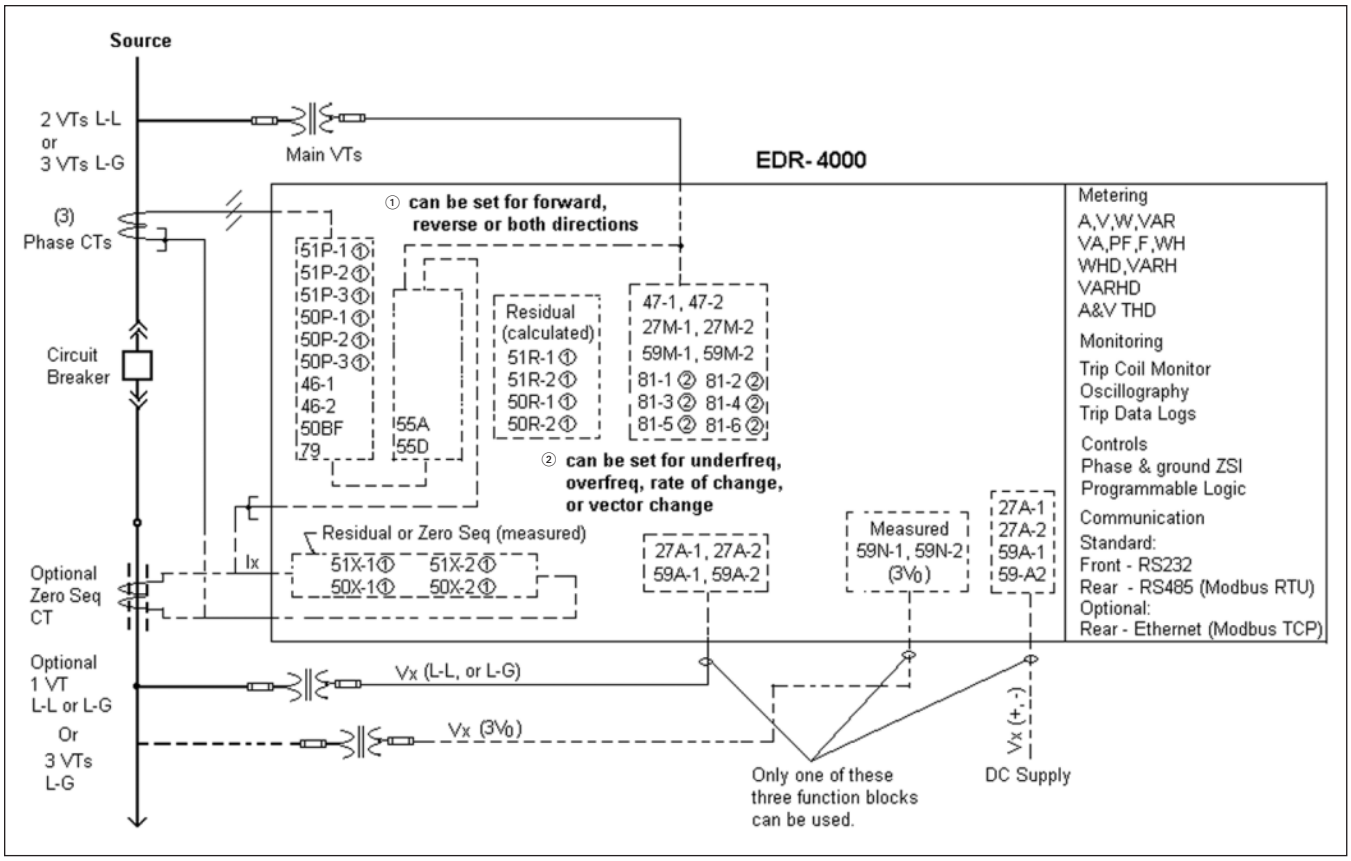


Figure 5.4-14. EDR-4000 Eaton Distribution Relay—Typical Main or Feeder Breaker Application Diagram

① Can be set for Forward, Reverse or Both directions.

② Can be Set for Underfreq, Overfreq, Rate of Change or Vector Change.

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EDR-5000 Relay–Typical One-Line Diagrams

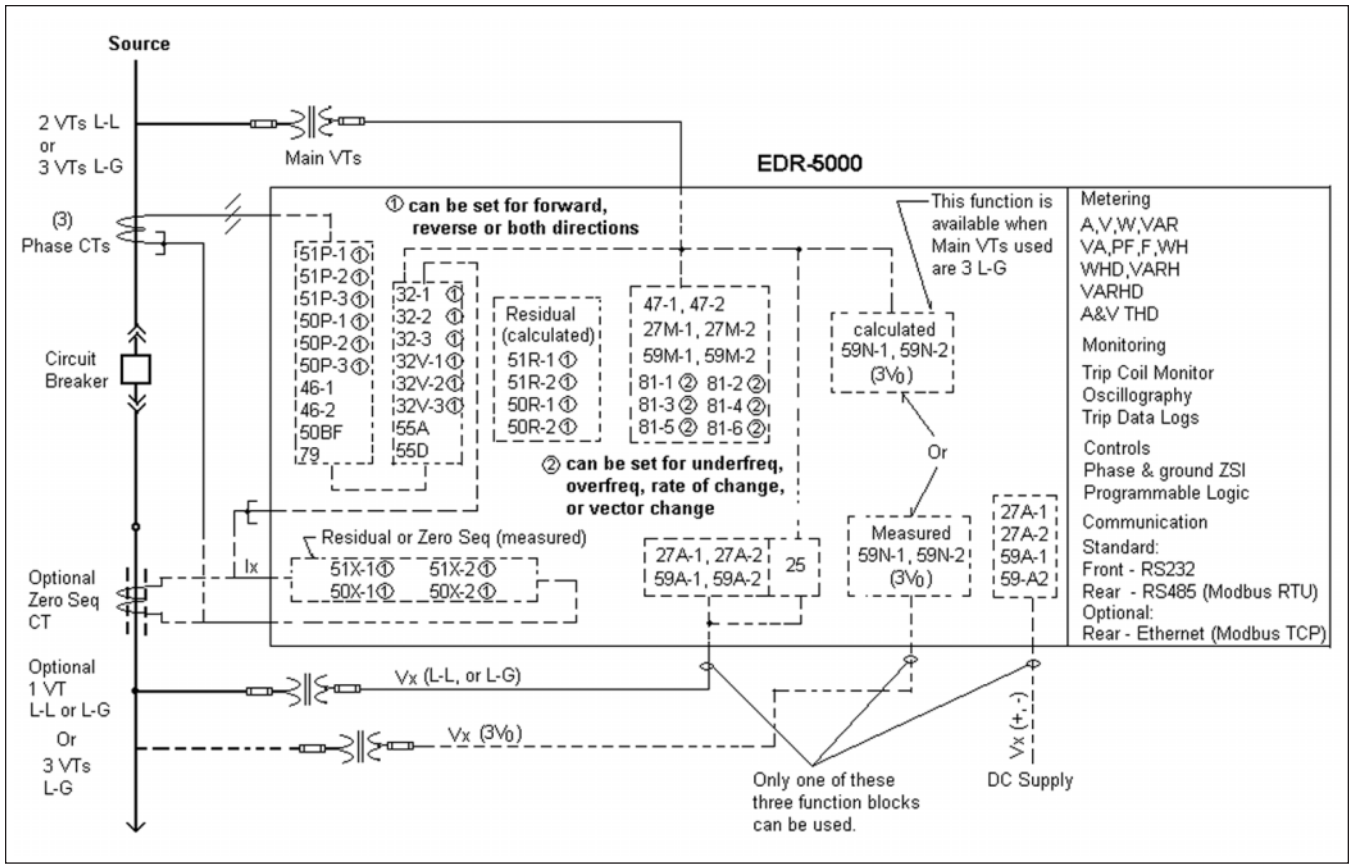


Figure 5.4-15. EDR-5000 Eaton Distribution Relay—Typical Main or Feeder Breaker Application Diagram

① Can be set for Forward, Reverse or Both directions.
② Can be Set for Underfreq, Overfreq, Rate of Change or Vector Change.

Refer to **Tab 4** for details on Eaton's relays. Refer to **Tab 3** for details on Eaton's available metering.

Typical Main-Tie-Main Arrangements (Standard Metal-Clad)

Note: Arrangements shown in **Figures 5.4-16–5.4-18** can be provided in 26.00-inch (660.4 mm) wide, 95.00-inch (2413.0 mm) high, 96.25-inch (2444.8 mm) deep structures with 50VCPWND, 1200A circuit breakers.

Note: R = Multi-function relay, M = Multi-function meter.

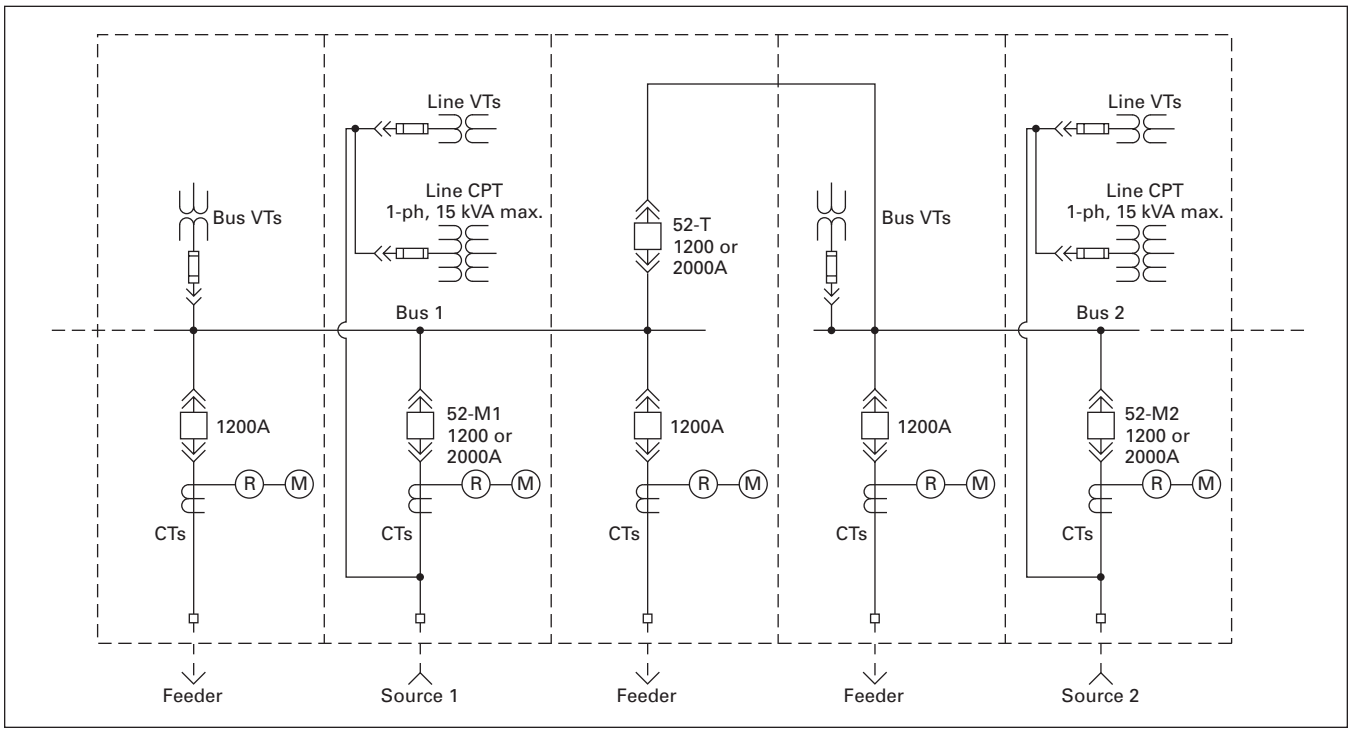


Figure 5.4-16. Typical Main-Tie-Main Arrangement with Bus and Line VTs and Line CPTs
5 or 15 kV VCP-W Switchgear, 1200 or 2000A Mains and Tie, 36.00-Inch (914.4 mm) Wide Structures

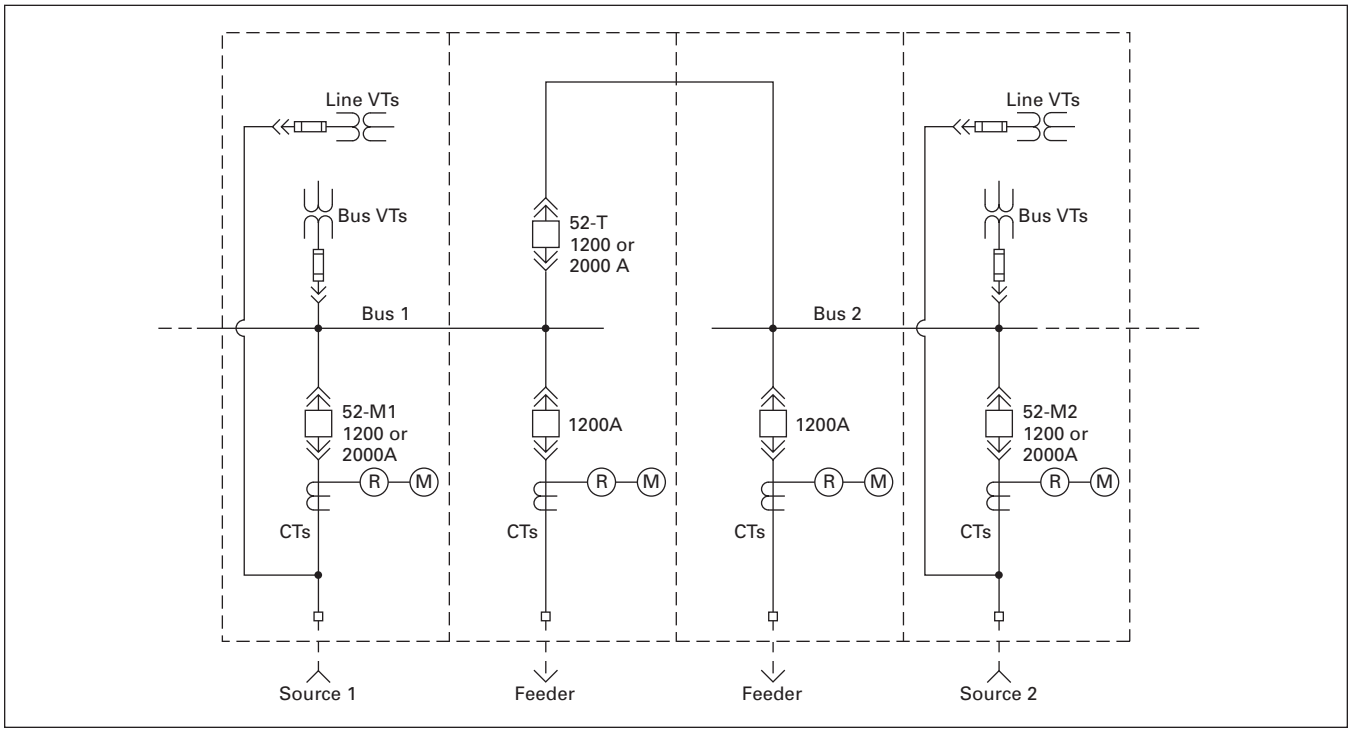


Figure 5.4-17. Typical Main-Tie-Main Arrangement with Bus and Line VTs, but without Line CPTs—Preferred Arrangement
5 or 15 kV VCP-W Switchgear, 1200 or 2000A Mains and Tie, 36.00-Inch (914.4 mm) Wide Structures

Typical Main-Tie-Main Arrangements (Continued)

Note: R = Multi-function relay, M = Multi-function meter

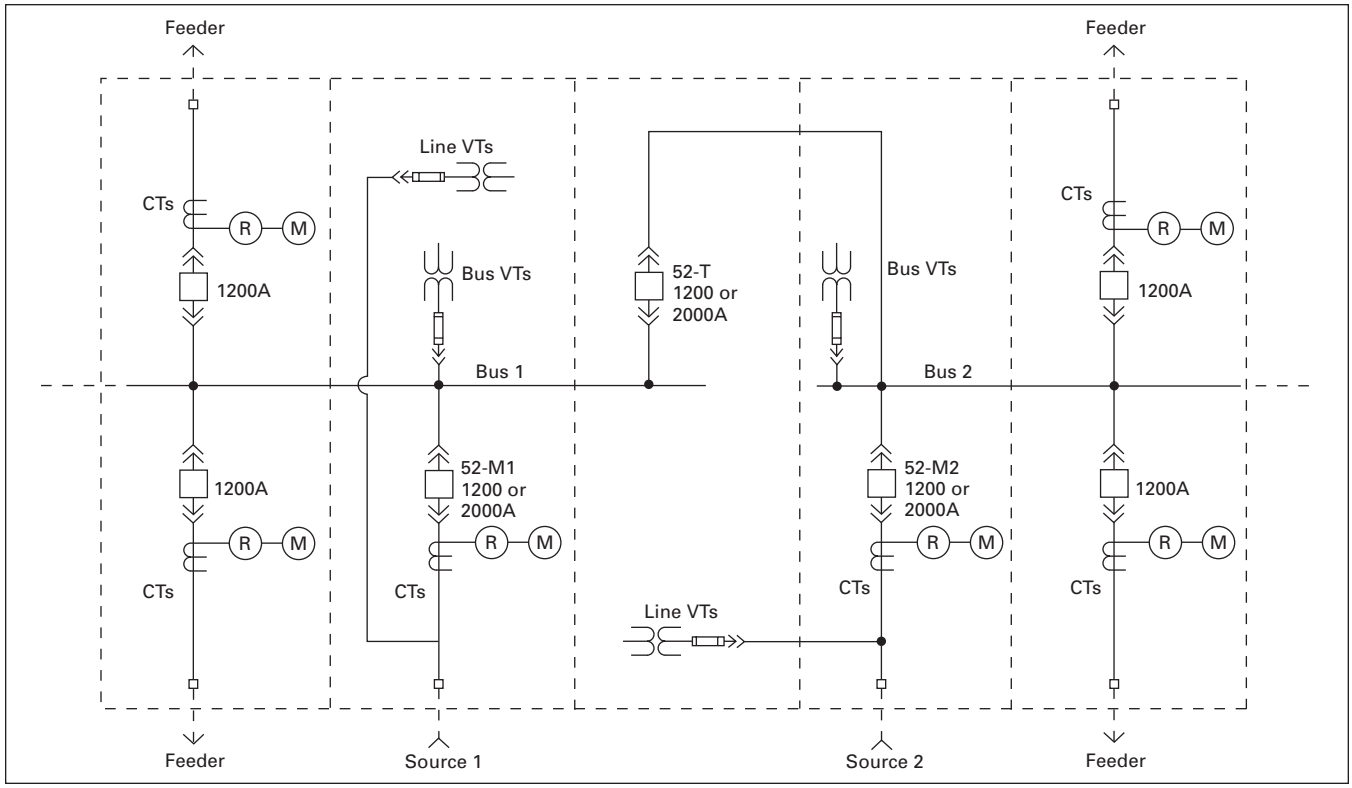


Figure 5.4-18. Typical Main-Tie-Main Arrangement with Bus and Line VTs, but without Line CPTs—Alternate Arrangement 5 or 15 kV VCP-W Switchgear, 1200 or 2000A Mains and Tie, 36.00-Inch (914.4 mm) Wide Structures

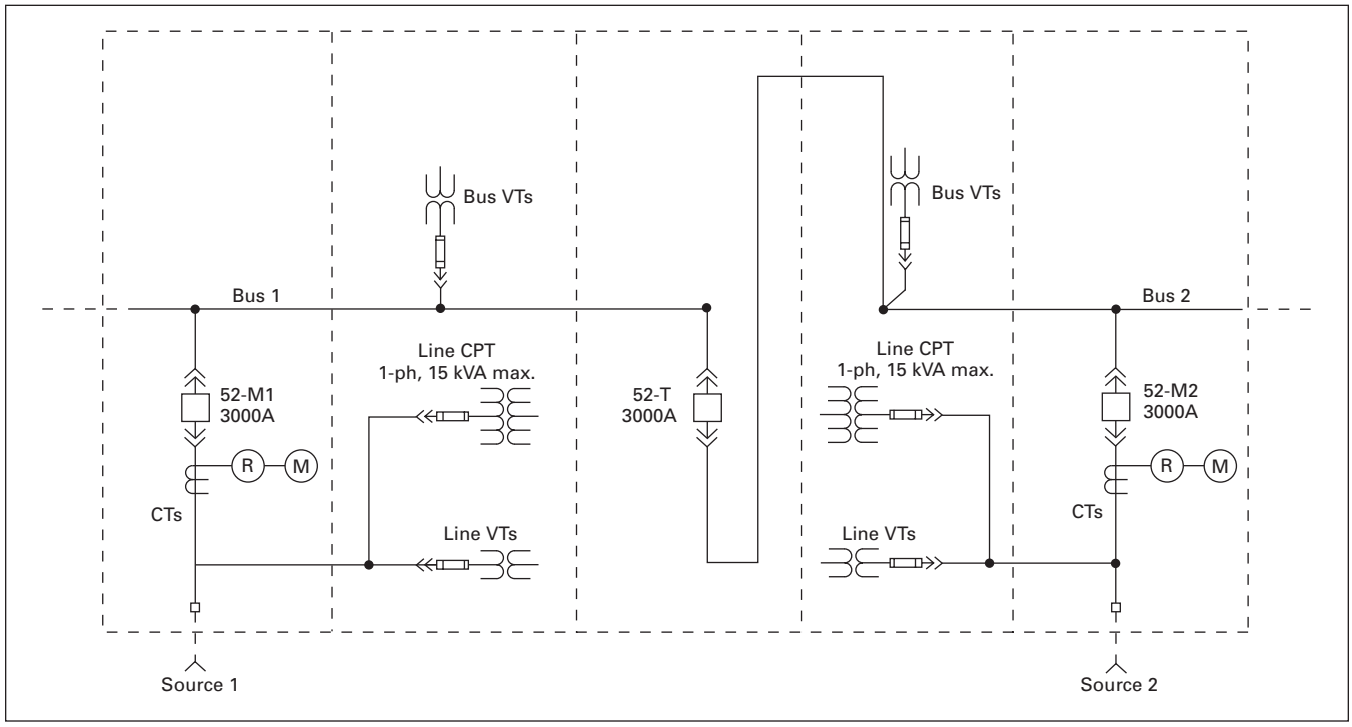


Figure 5.4-19. Typical Main-Tie-Main Arrangement with Bus and Line VTs, and Line CPTs 5 or 15 kV VCP-W Switchgear, 3000A Mains and Tie, 36.00-Inch (914.4 mm) Wide Structures

Typical Main-Tie-Main Arrangements (Continued)

Note: R = Multi-function relay, M = Multi-function meter

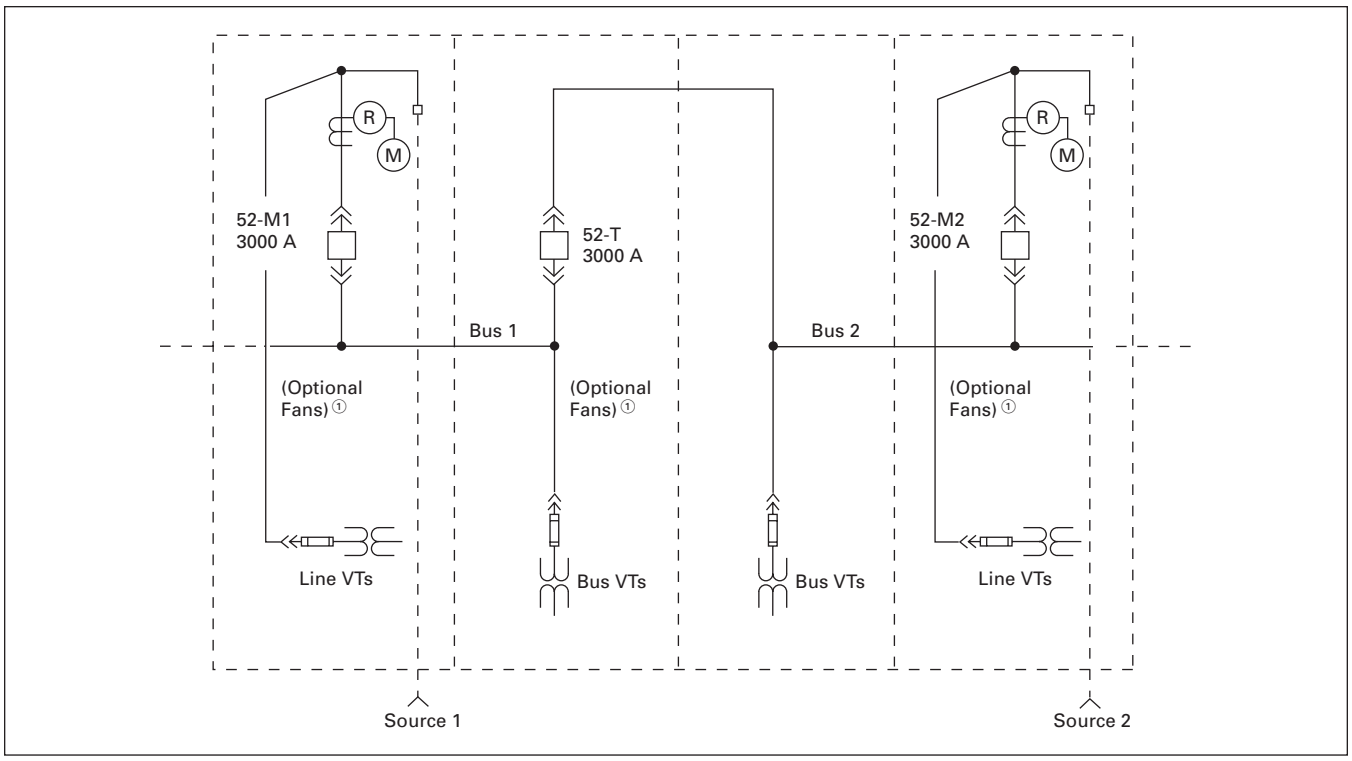


Figure 5.4-20. Typical Main-Tie-Main Arrangement with Bus and Line VTs
5 or 15 kV VCP-W Switchgear, 3000A Mains and Tie, 36.00-Inch (914.4 mm) Wide Structures

① This arrangement can be supplied with cooling fans to allow 4000A continuous.

Medium Voltage High Resistance Grounding System

Refer to **Tab 36, Section 36.1**, for complete product description, single-line diagram, layout and dimensions of medium voltage high resistance grounding system.

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Layout Dimensions—5 and 15 kV—Dimensions in Inches (mm)

Typical Units

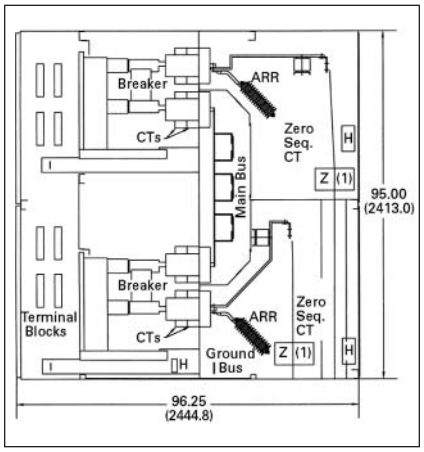


Figure 5.5-1. 36.00-Inch (914.4 mm) Wide Typical Breaker/Breaker Vertical Section

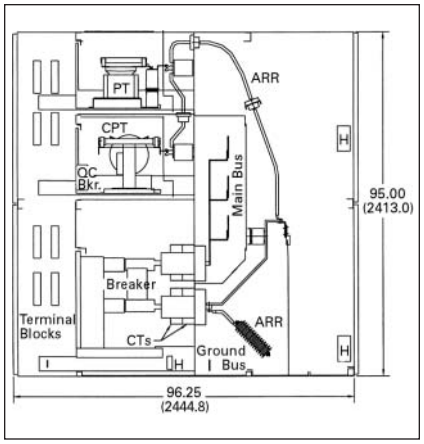


Figure 5.5-2. 36.00-Inch (914.4 mm) Wide Typical Auxiliary/Breaker Vertical Section

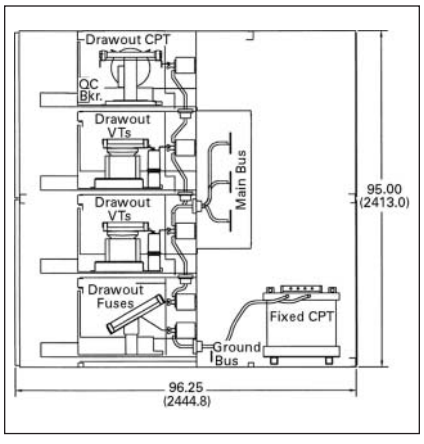


Figure 5.5-3. 36.00-Inch (914.4 mm) Wide Typical Auxiliary/Auxiliary Vertical Section

Tie Breaker Bus Transition Requirements

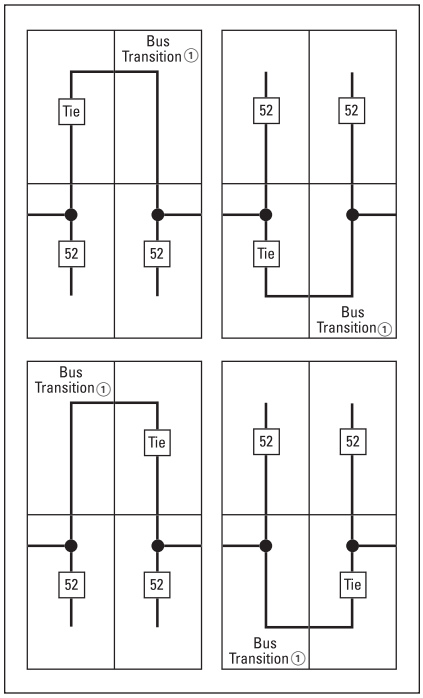


Figure 5.5-4. Tie Breaker Bus Transition Requirements

① Breakers cannot be located in bus transition compartment.

Available Configurations

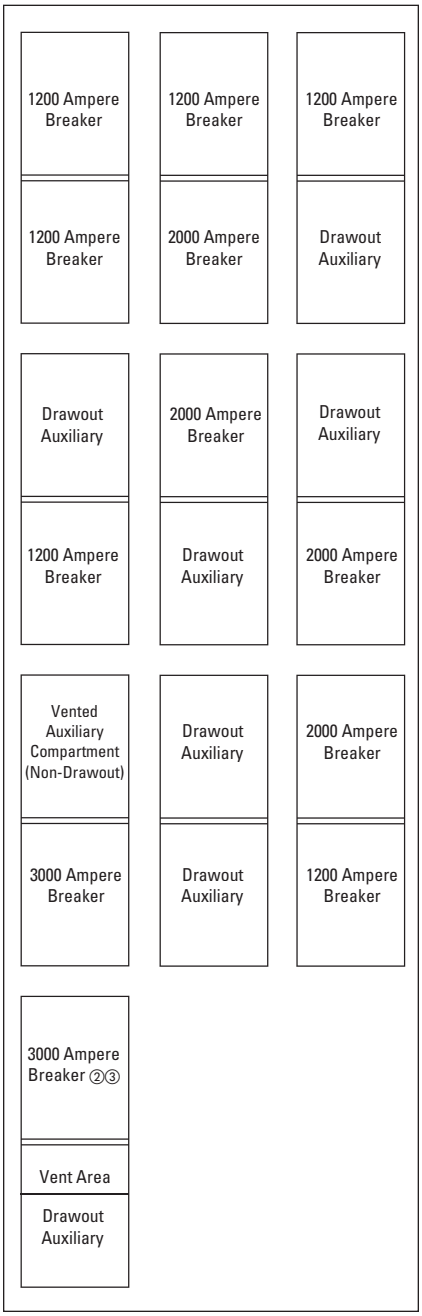


Figure 5.5-5. Available Configurations

② For 4000A force cooled application, refer to Eaton.

③ This configuration is available for indoor and outdoor walk-in designs only.

Dimensions for estimating purposes only.

5

Typical Weights in Lbs (kg)

Table 5.5-1. Assemblies (Less Breakers. See Table 5.5-2 for Breakers.) ①

Type of Vertical Section	Main Bus Rating Amperes	Indoor	Aisleless	Sheltered-Aisle Including Aisle	
				Single Row	Double Row
B/B	1200 2000 3000 4000	2400 (1090) 2500 (1135) 2600 (1180) 2700 (1226)	3200 (1453) 3300 (1500) 3400 (1545) 3500 (1590)	4200 (1907) 4300 (1952) 4400 (1998) 4500 (2045)	7200 (3269) 7400 (3360) 7600 (3450) 7700 (3500)
B/A or A/B	1200 2000 3000 4000	2300 (1044) 2400 (1090) 2500 (1135) 2600 (1180)	2900 (1317) 3000 (1362) 3100 (1407) 3200 (1453)	4100 (1861) 4200 (1907) 4300 (1952) 4400 (1998)	7000 (3178) 7200 (3269) 7400 (3360) 7500 (3409)
A/A	1200 2000 3000 4000	2000 (908) 2100 (953) 2200 (999) 2300 (1046)	2600 (1180) 2700 (1226) 2800 (1271) 2900 (1317)	3800 (1725) 3900 (1771) 4000 (1816) 4100 (1861)	6400 (2906) 6600 (2996) 6800 (3087) 6900 (3136)

① See **Table 5.5-2** for breakers.

5

Table 5.5-2. Breaker Weights in Lbs (kg)

Type of Breaker	Current Rating, Amperes		
	1200	2000	3000
	Approximate Weight, Lbs (kg), Static ②		
50 VCP-W 250, 40C, 25, 40 50 VCP-W 350, 50C, 50 50 VCP-W 500, 63C, 63	350 (159) 460 (209) 575 (261)	410 (186) 490 (222) 575 (261)	525 (238) 525 (238) 575 (261)
75 VCP-W 500, 50C, 50 150 VCP-W 500, 25C, 25 150 VCP-W 750, 40C, 40	375 (170) 350 (159) 350 (159)	410 (186) 410 (186) 410 (186)	525 (238) 525 (238) 525 (238)
150 VCP-W 1000, 50C, 50 150 VCP-W 1500, 63C, 63	460 (209) 575 (261)	490 (222) 575 (261)	525 (238) 575 (261)

② Impact weight = 1.5 times static weight.

Dimensions in Inches (mm)

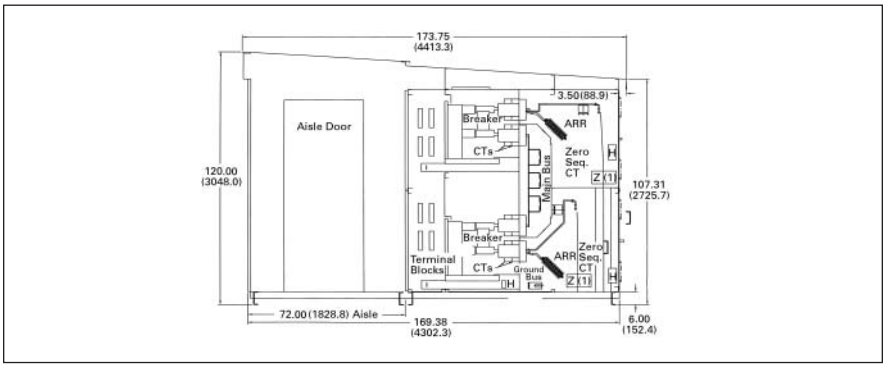


Figure 5.5-6. Outdoor Sheltered Aisle Single Row

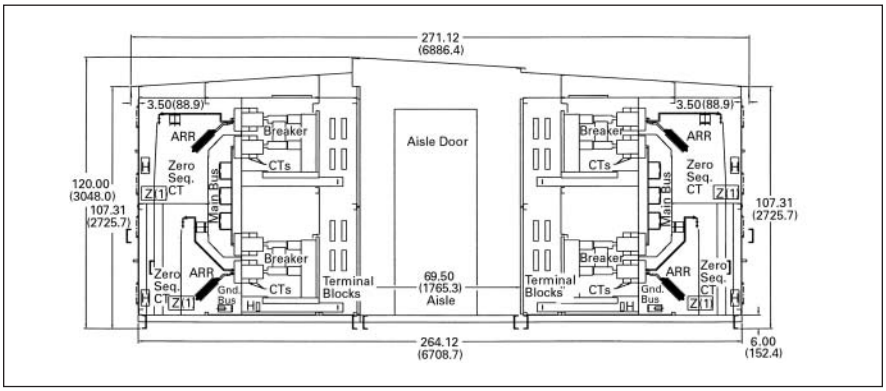


Figure 5.5-7. Outdoor Sheltered Aisle Double Row

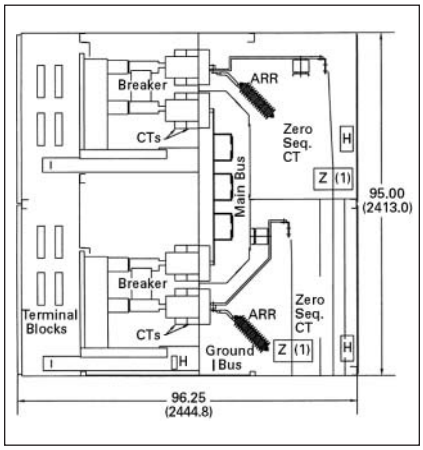


Figure 5.5-8. Indoor

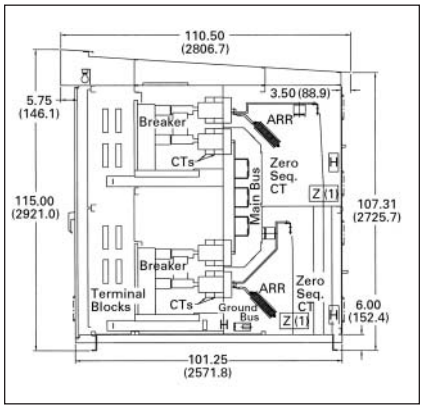


Figure 5.5-9. Outdoor Aisleless

Dimensions and weights for estimating purposes only.

Dimensions in Inches (mm) (Continued)

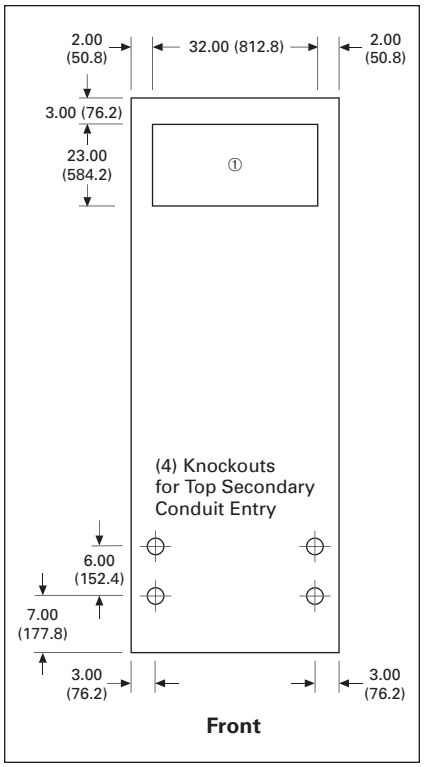


Figure 5.5-10. Top View of Typical Indoor Breaker and Auxiliary Structures

① Primary conduit locations for top or bottom entry.

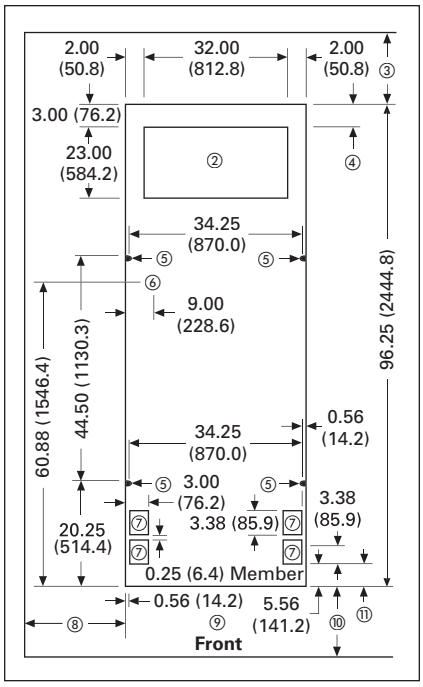


Figure 5.5-11. Base Plan of a Typical Indoor Breaker or Auxiliary Structure

② Primary conduit locations for top or bottom entry.
③ Recommended minimum clearance to rear of VacClad-W: 36.00 inches (914.4 mm).
④ Floor steel, if used, must not exceed 3.25 inches (82.6 mm) under VacClad-W.
⑤ Anchor locations: indoor—0.50-inch (12.7 mm) bolts or weld, outdoor—0.50-inch (12.7 mm) bolts.
⑥ Station ground connection provision.
⑦ Secondary conduit space: All—maximum of 1.00-inch (25.4 mm) projection.
⑧ Minimum clearance to LH side of VacClad-W: 32.00 inches (812.8 mm).
⑨ Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
⑩ Minimum clearance to front of VacClad-W: 70.00 inches (1778.0 mm).
⑪ Floor steel if used, must not exceed this dimension under VacClad-W.

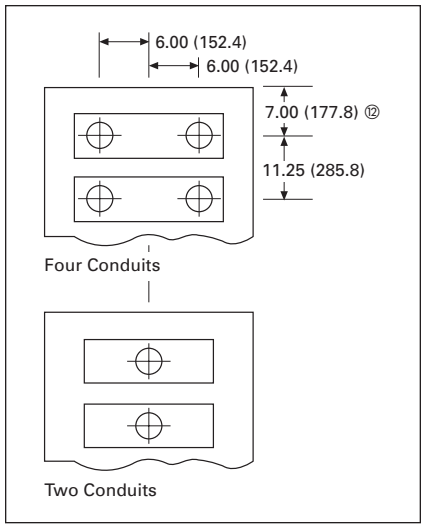


Figure 5.5-12. Primary Conduit Locations for Top or Bottom Entry

⑫ Changes to 8.25 (209.6 mm) if optional hinged rear doors are required.

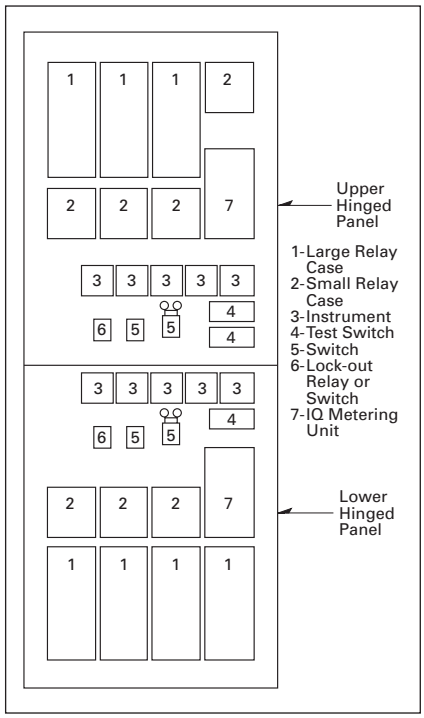


Figure 5.5-13. Maximum Hinged Panel Equipment

Note: The figure above shows that the arrangement of components differs between upper and lower panels. The figure may also be used to select custom arrangements of hinged panel components. Also, the use of multi-purpose solid-state relays such as Eaton's Digitrip 3000 (same size as 7) will significantly reduce consumption of panel space.

Dimensions for estimating purposes only.

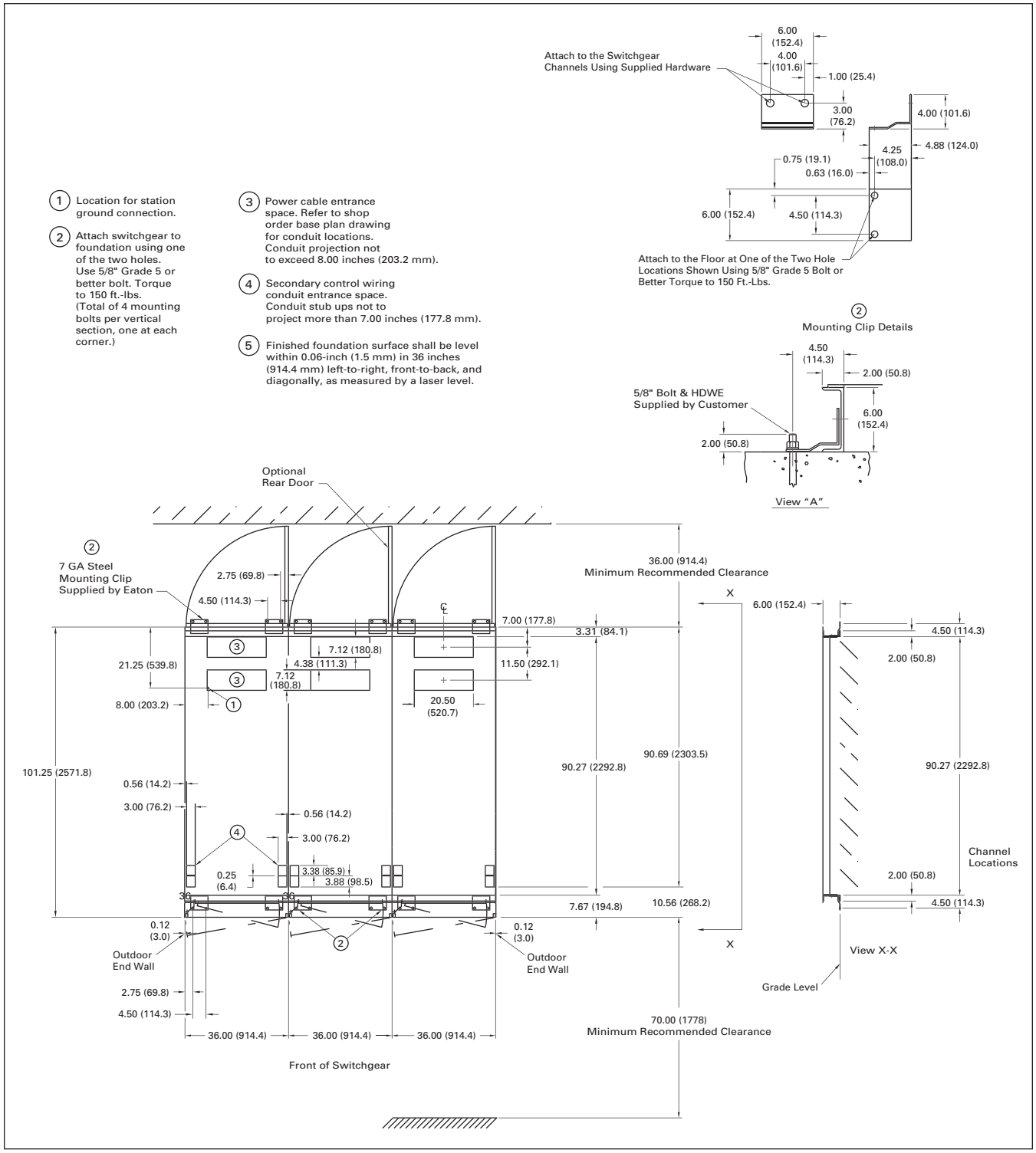


Figure 5.5-14. 5/15 kV Switchgear Outdoor Aisleless Base Plan (Typical Details)—Dimensions in Inches (mm)

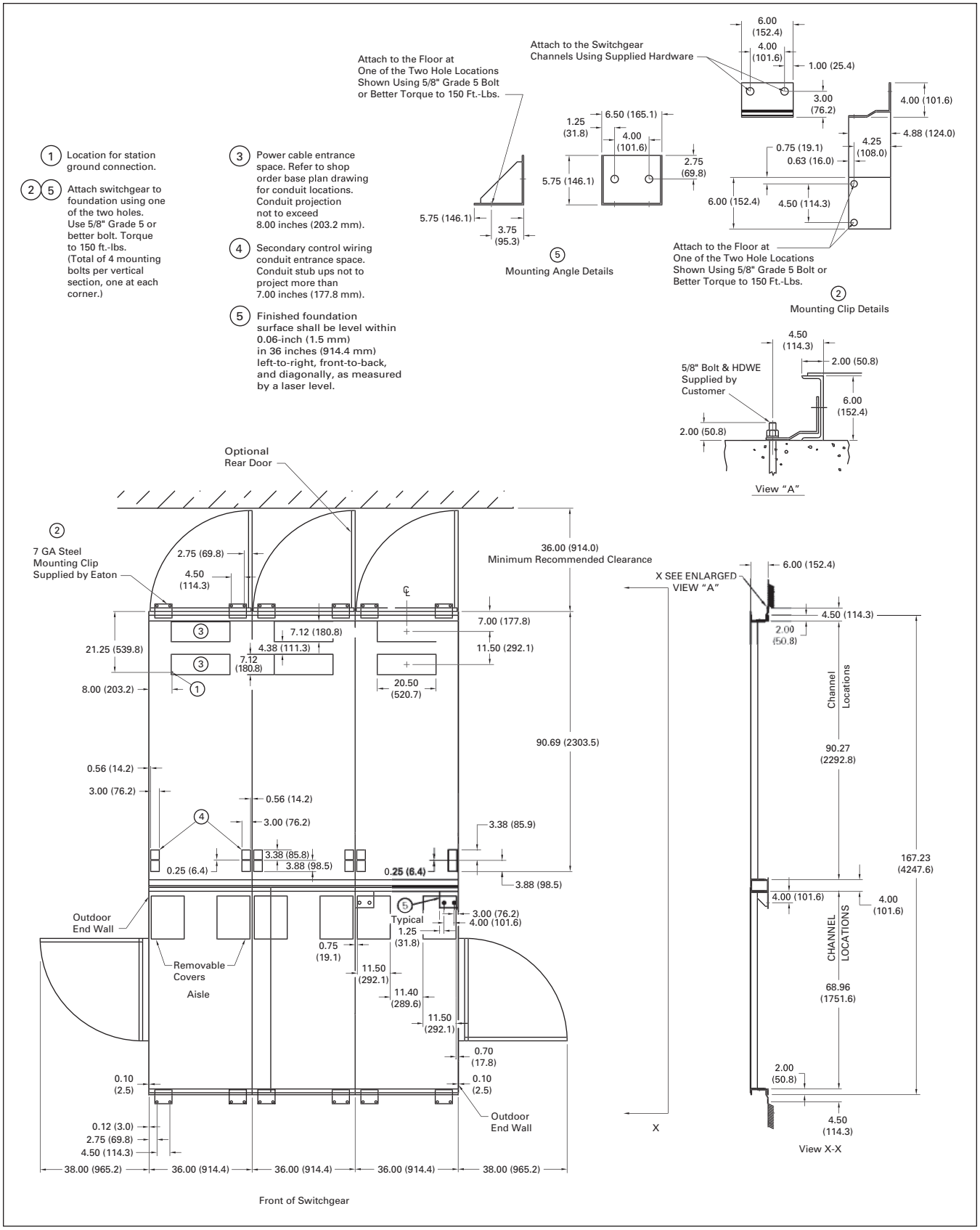


Figure 5.5-15. 5/15 kV Switchgear Outdoor Sheltered Aisle Base Plan (Typical Details)—Dimensions in Inches (mm)

Note:
First install both rows of switchgear then install aisle parts per drawing. (Later)

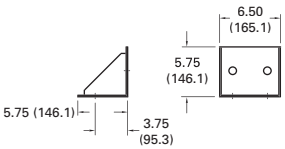
① Location for station ground connection typical each end unit.

②⑤ Attach switchgear to foundation using one of the two holes. Use 5/8" Grade 5 or better bolt. Torque to 150 ft. lbs. (Total of 4 mounting bolts per vertical section, one at each corner.)

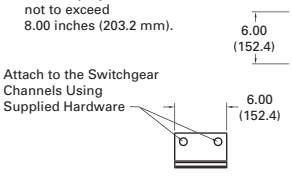
⑥ Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.

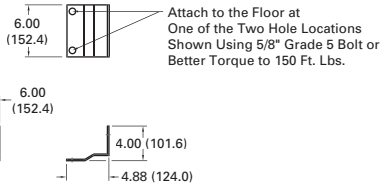
③ Power cable entrance space. Refer to shop order base plan drawing for conduit locations. Conduit projection not to exceed 8.00 inches (203.2 mm).

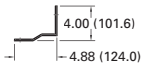
④ Secondary control wiring conduit entrance space. Conduit stub ups not to project more than 7.00 inches (177.8 mm).



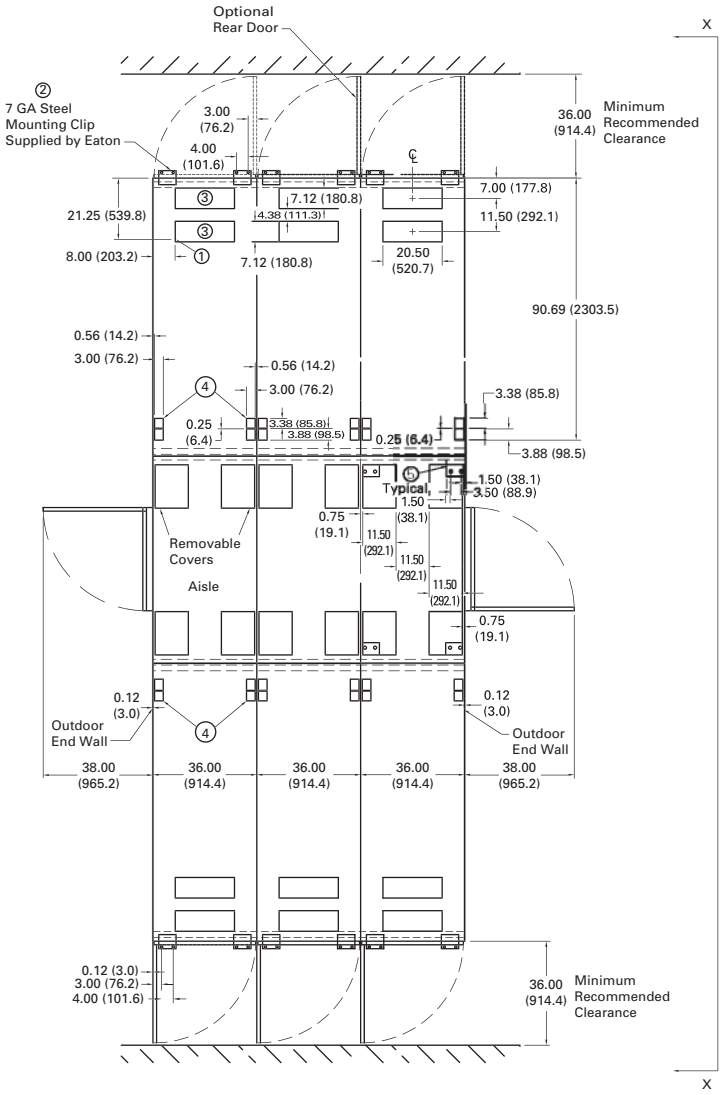
⑤ Mounting Angle Details

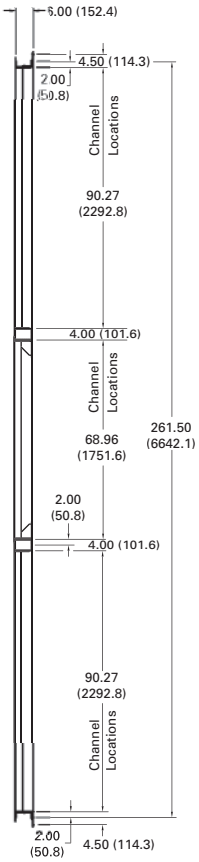






② Mounting Clip Details





View X-X

Figure 5.5-16. 5/15 kV Switchgear Outdoor Common Aisle Base Plan (Typical Details)—Dimensions in Inches (mm)

Layout Dimensions—5 kV—Dimensions in Inches (mm)

Typical Units—Indoor

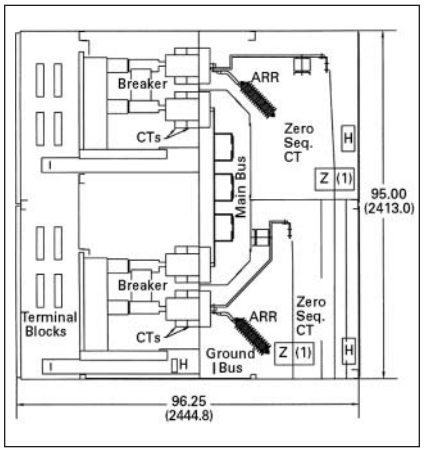


Figure 5.5-17. 26.00-Inch (660.4 mm) Wide Typical Breaker/Breaker Vertical Section

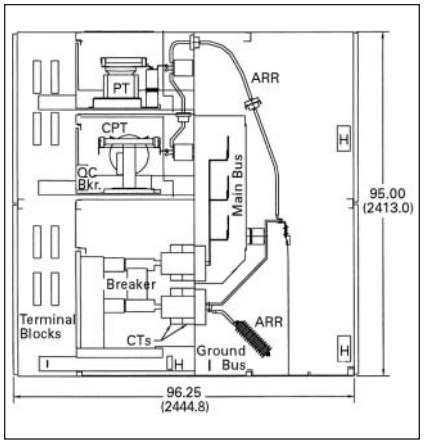


Figure 5.5-18. 26.00-Inch (660.4 mm) Wide Typical Auxiliary/Breaker Vertical Section

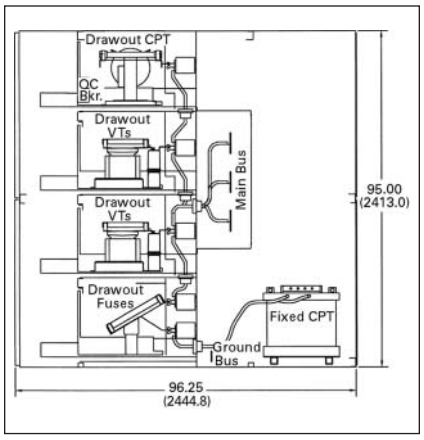


Figure 5.5-19. 26.00-Inch (660.4 mm) Wide Typical Auxiliary/Auxiliary Vertical Section

Tie Breaker Bus Transition Requirements

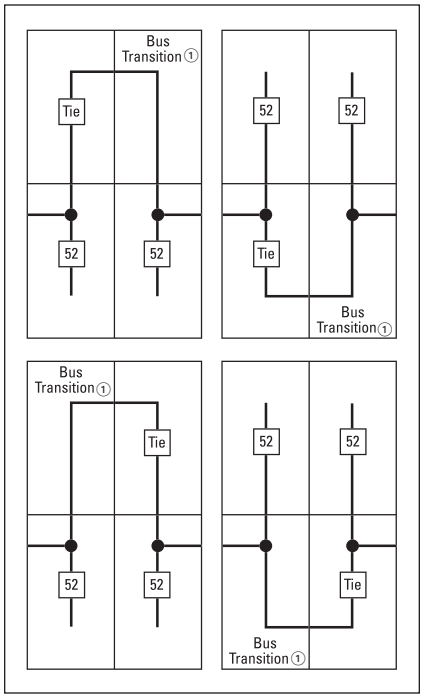


Figure 5.5-20. Tie Breaker Bus Transition Requirements

① Breakers cannot be located in bus transition compartment.

Available Configurations

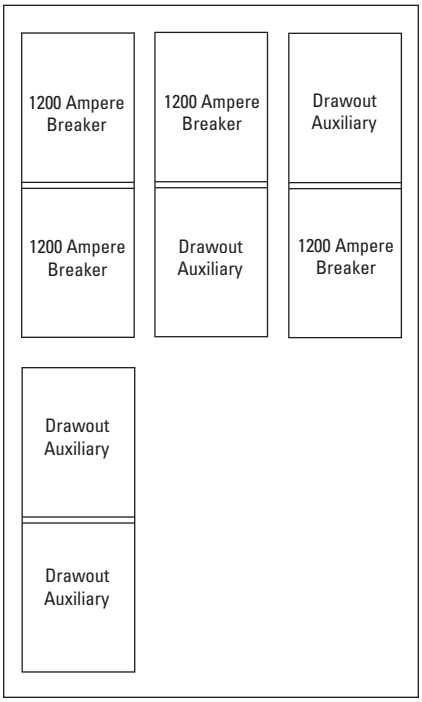


Figure 5.5-21. Available Configurations

Typical Weights

Table 5.5-3. Switchgear Assembly (Less Breaker)

Type of Vertical Section	Main Bus Rating, Amperes	Weight Lbs (kg)
B/B	1200 2000	2000 (908) 2200 (999)
B/A or A/B	1200 2000	1700 (772) 1900 (863)
A/A	1200 2000	1600 (726) 1800 (817)

Table 5.5-4. Circuit Breaker ②

Type of Circuit Breaker	Current Rating, Amperes	Weight Lbs (kg) (Static)
50 VCPW-ND-250	1200	345 (157)

② Breaker impact weight = 1.5 x static weight.

Dimensions for estimating purposes only.

Dimensions in Inches (mm) (Continued)

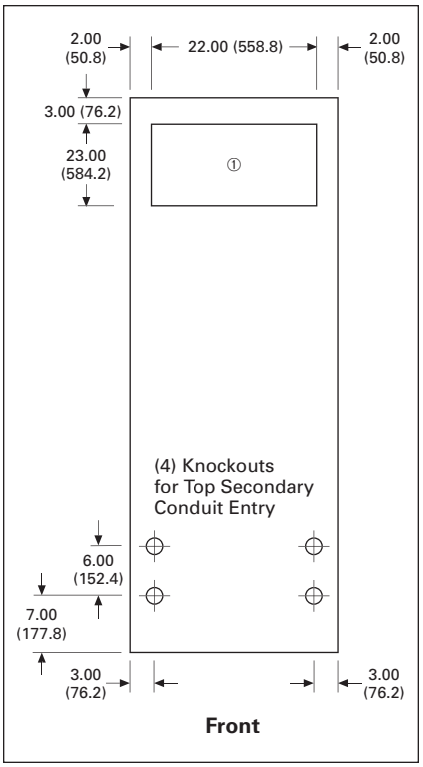


Figure 5.5-22. Top View of Typical Indoor Breaker and Auxiliary Structures

① Primary conduit locations for top or bottom entry.

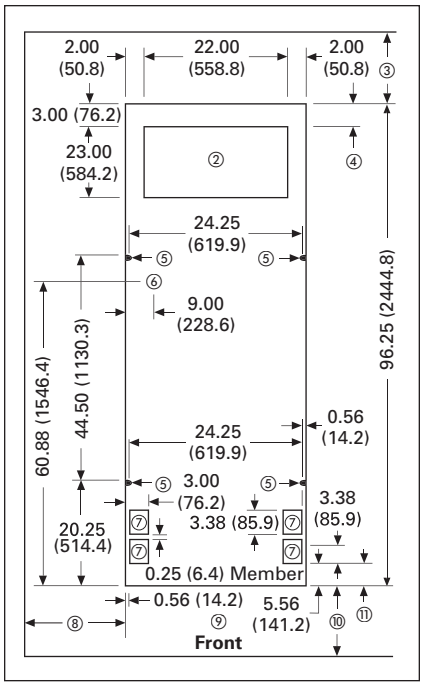


Figure 5.5-23. Base Plan of a Typical Indoor Breaker or Auxiliary Structure

② Primary conduit locations for top or bottom entry.
③ Recommended minimum clearance to rear of VacClad-W: 30.00 inches (762.0 mm).
④ Floor steel, if used, must not exceed 3.25 inches (82.6 mm) under VacClad-W.
⑤ Anchor locations: indoor–0.50-inch (12.7 mm) bolts or weld, outdoor–0.50-inch (12.7 mm) bolts.
⑥ Station ground connection provision.
⑦ Secondary conduit space: All–maximum of 1.00-inch (25.4 mm) projection.
⑧ Minimum clearance to LH side of VacClad-W: 26.00 inches (660.4 mm).
⑨ Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
⑩ Minimum clearance to front of VacClad-W: 70.00 inches (1778.0 mm).
⑪ Floor steel if used, must not exceed this dimension under VacClad-W.

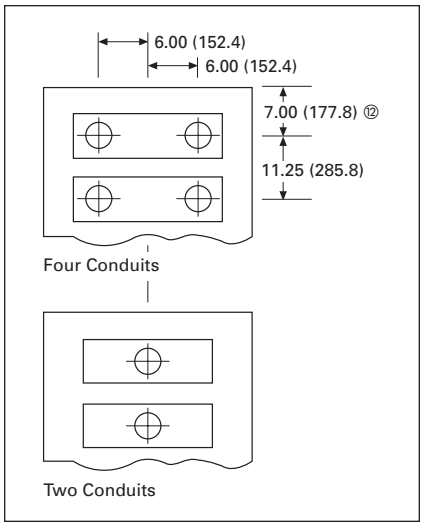


Figure 5.5-24. Primary Conduit Locations for Top or Bottom Entry

⑫ Changes to 8.25 (209.6 mm) if optional hinged rear doors are required.

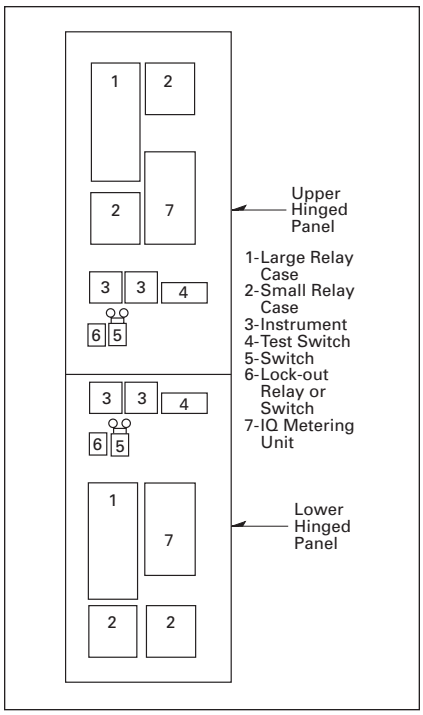


Figure 5.5-25. Maximum Hinged Panel Equipment

Note: The figure above shows that the arrangement of components differs between upper and lower panels. The figure may also be used to select custom arrangements of hinged panel components. Also, the use of multi-purpose solid-state relays such as Eaton's Digitrip 3000 (same size as 7) will significantly reduce consumption of panel space.

Dimensions for estimating purposes only.

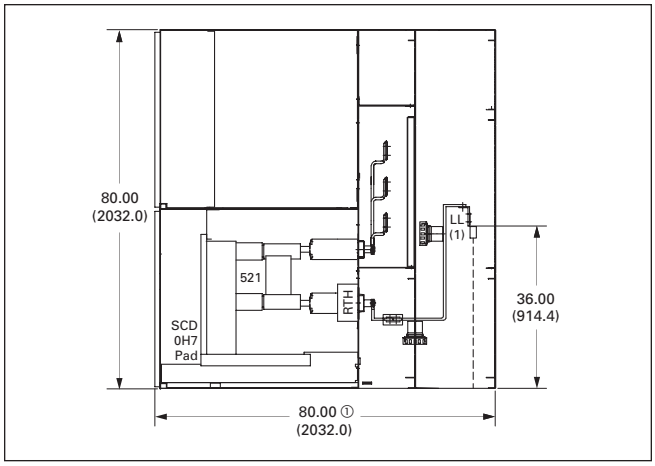


Figure 5.5-26. 5 kV, 1200A, 250 MVA VCP-W ND Low Profile 26.00-Inch (660.4 mm) Wide Indoor Unit, Blank/Breaker

① Depth can be reduced to 72.00 inches (1828.8 mm) if power cables enter from top.

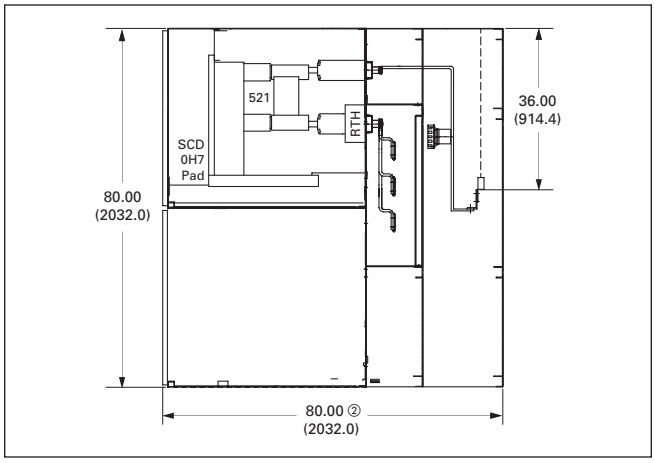


Figure 5.5-27. 5 kV, 1200A, 250 MVA VCP-W ND Low Profile 26.00-Inch (660.4 mm) Wide Indoor Unit, Breaker/Blank

② Depth can be reduced to 72.00 inches (1828.8 mm) if power cables enter from below.

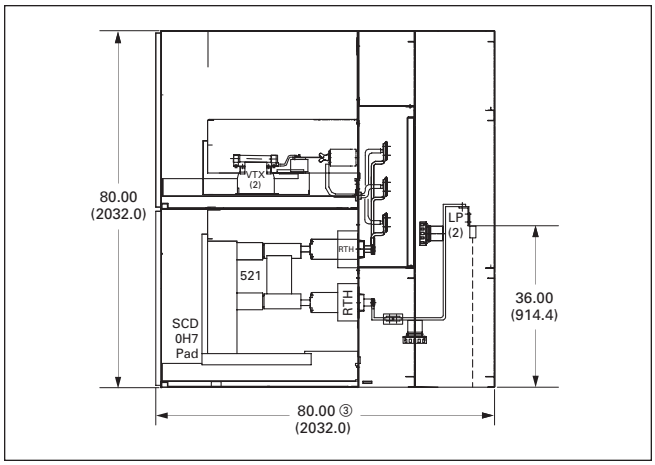


Figure 5.5-28. 5 kV, 1200A, 250 MVA VCP-W ND Low Profile 26.00-Inch (660.4 mm) Wide Indoor Unit, Auxiliary/Breaker

③ Depth can be reduced to 72.00 inch (1831.7 mm) if power cables enter from top.

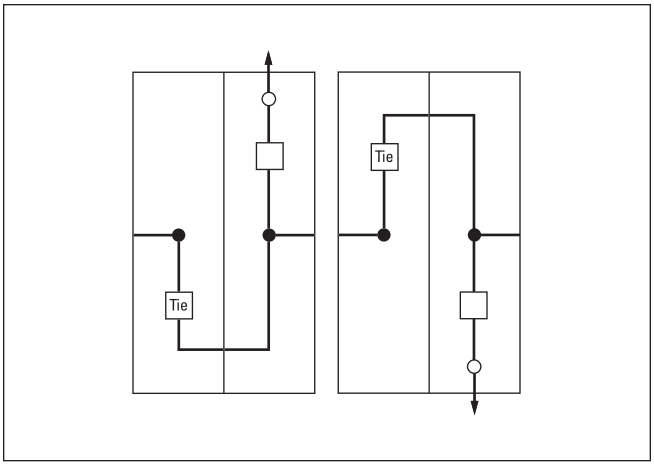


Figure 5.5-29. Tie Breaker Bus Transition Requirements

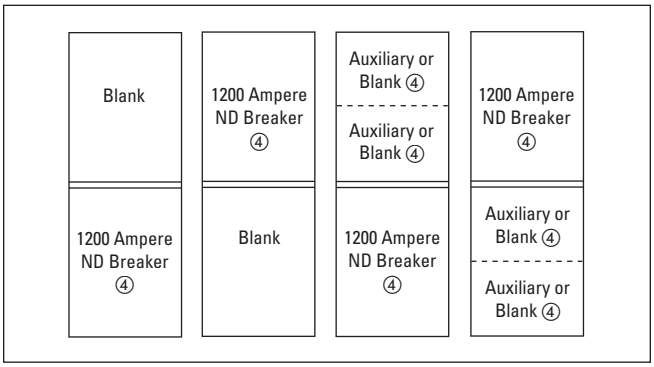


Figure 5.5-30. Available Configurations (Front View)

④ Relays or control devices cannot be mounted on the circuit breaker or auxiliary compartment door.

Typical Weights

Table 5.5-5. Switchgear Assembly (Less Breaker)

Vertical Section Type	Main Bus Rating, Amperes	Weight Lbs (kg)
B/A or A/B	1200 2000	1500 (682) 1700 (772)
A/A	1200 2000	1400 (636) 1600 (726)

Table 5.5-6. Circuit Breaker ⑤

Circuit Breaker Type	Current Rating, Amperes	Weight (Static) Lbs (kg)
50 VCPW-ND-250	1200	345 (157)

⑤ Breaker impact weight = 1.5 x static weight.

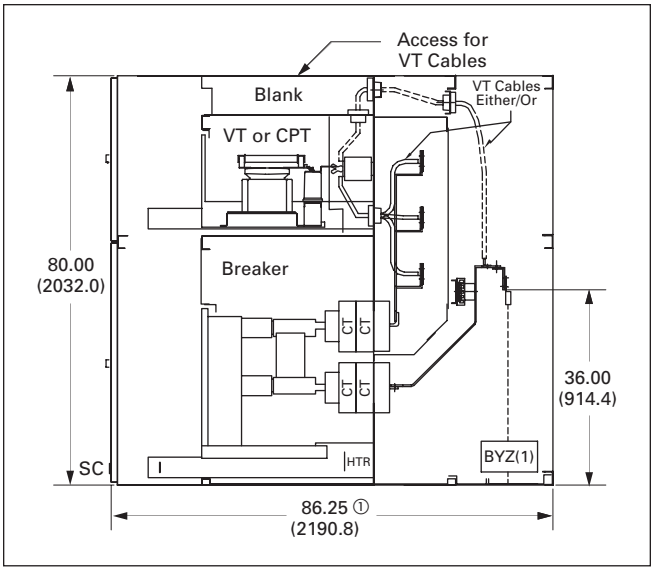


Figure 5.5-31. 36.00-Inch (660.4 mm) Wide VCP-W Low Profile Indoor Unit

① Other depths possible depending on cable entry direction and VT/CPT connections. Contact Eaton.

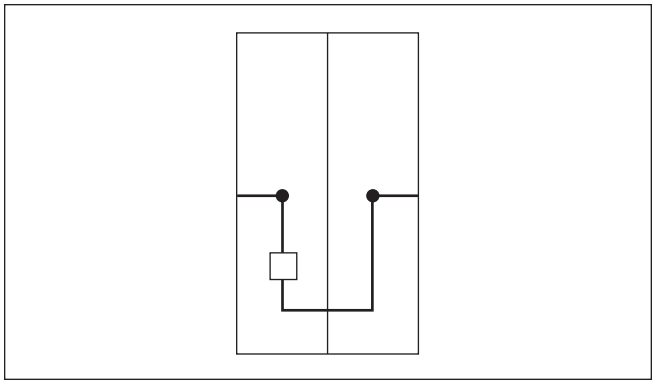


Figure 5.5-32. Tie Breaker Bus Transition Requirements

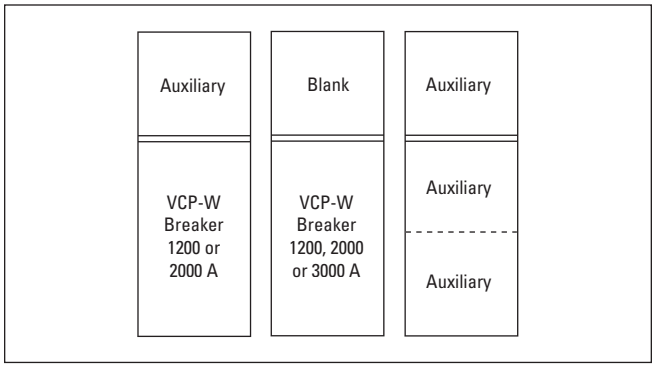


Figure 5.5-33. Available Configurations (Front View)

Typical Weights

Table 5.5-7. Assemblies (Less Breakers, See Table 5.5-2 for Breakers)

Vertical Section Type	Main Bus Rating, Amperes	Indoor Structure Lbs (kg)
B/B	1200 2000 3000	2200 (999) 2300 (1044) 2400 (1090)
B/A or A/B	1200 2000 3000	2100 (953) 2200 (999) 2300 (1044)
A/A	1200 2000 3000	1800 (818) 1900 (864) 2000 (908)

Layout Dimensions—27 kV One-High Design—Dimensions in Inches (mm)

Typical Units

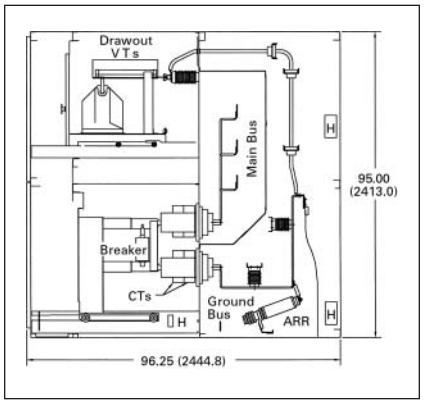


Figure 5.5-34. Indoor 36.00-Inch (914.4 mm) Wide Typical Auxiliary/Breaker Vertical Section

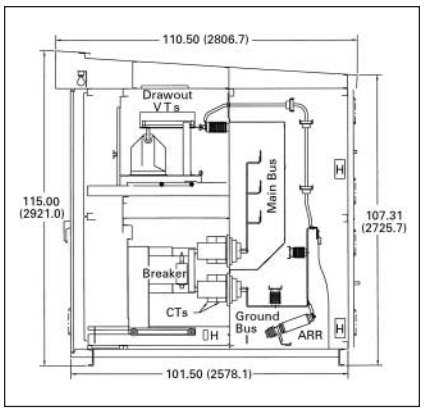


Figure 5.5-35. Outdoor Aisleless Typical Auxiliary/Breaker Vertical Section

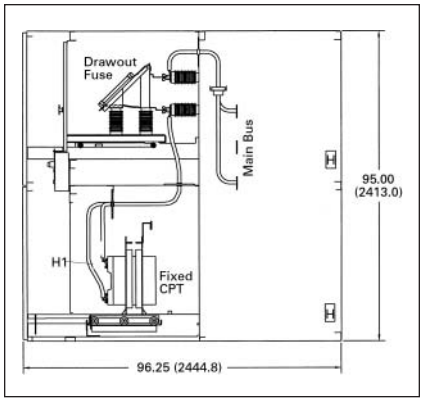


Figure 5.5-36. Indoor Auxiliaries 36.00-Inch (914.4 mm) Wide Typical Auxiliary/Auxiliary Vertical Section

Typical Weights in Lbs (kg)

Table 5.5-8. Assemblies (Less Breakers)

Type of Vertical Section	Main Bus Rating Amperes	Indoor	Outdoor Aisleless
A/B	1200 2000	2500 (1135) 2600 (1180)	3400 (1545) 3500 (1591)
A/A	1200 2000	2200 (999) 2300 (1045)	2800 (1271) 2900 (1317)

Table 5.5-9. Breaker Weights in Lbs (kg) ①

Type of Breaker	Current Rating, Amperes	
	1200	2000
270 VCP-W 750 270 VCP-W 1000	415 (188) 415 (188)	475 (216) 475 (216)
270 VCP-W 1250, 25C 270 VCP-W 40, 40C	415 (188) 415 (188)	475 (216) 475 (216)

① Breaker impact = 1.5 x breaker weight.

Available Configurations

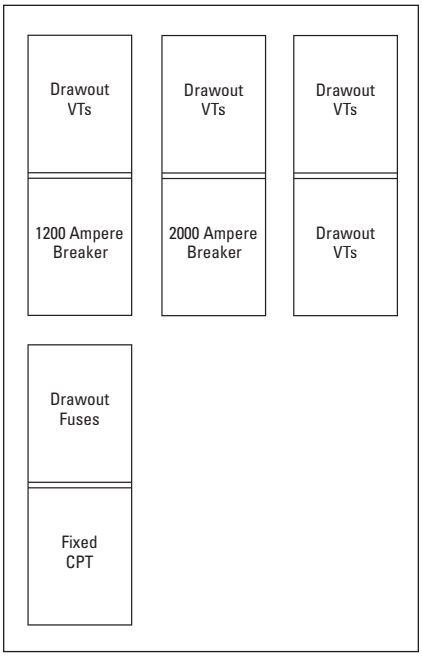


Figure 5.5-37. Available Configurations

5

Dimensions for estimating purposes only.

Dimensions in Inches (mm) (Continued)

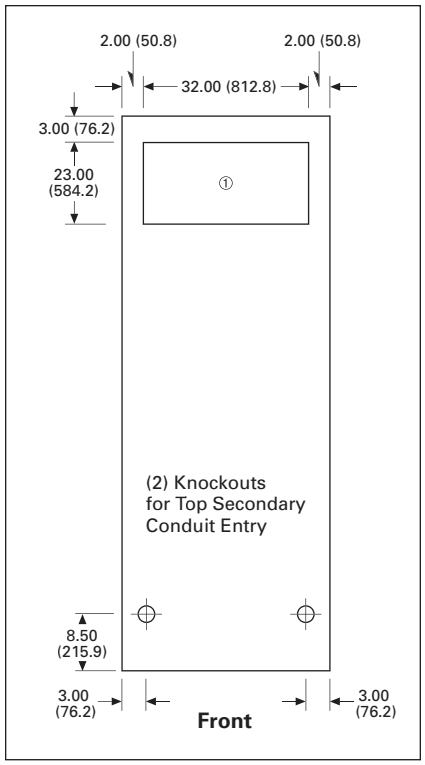


Figure 5.5-38. Top View of Typical Indoor Breaker and Auxiliary Structures

① Primary conduit locations for top or bottom entry.

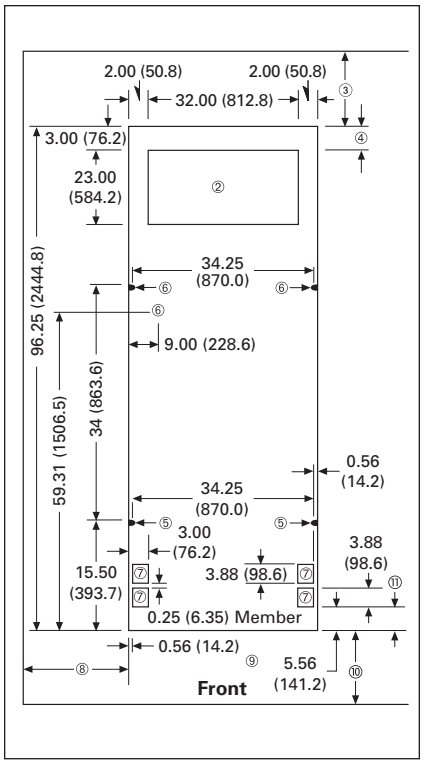


Figure 5.5-39. Base Plan of a Typical Indoor Breaker or Auxiliary Structure

② Primary conduit locations for top or bottom entry.
③ Recommended minimum clearance to rear of VacClad-W: 36.00 inches (914.4 mm).
④ Floor steel, if used, must not exceed 3.25 inches (82.6 mm) under VacClad-W.
⑤ Anchor locations: indoor—0.50-inch (12.7 mm) bolts or weld, outdoor—0.50-inch (12.7 mm) bolts.
⑥ Station ground connection provision.
⑦ Secondary conduit space: All—maximum of 1.00-inch (25.4 mm) projection.
⑧ Minimum clearance to LH side of VacClad-W: 32.00 inches (812.8 mm).
⑨ Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
⑩ Minimum clearance to front of VacClad-W: 72.00 inches (1828.8 mm).
⑪ Floor steel if used, must not exceed this dimension under VacClad-W.

Note: Outdoor Aisleless Base Plan—27 kV switchgear outdoor Aisleless base plan details are same as 5/15 kV outdoor Aisleless switchgear. Refer to **Figure 5.5-14**.

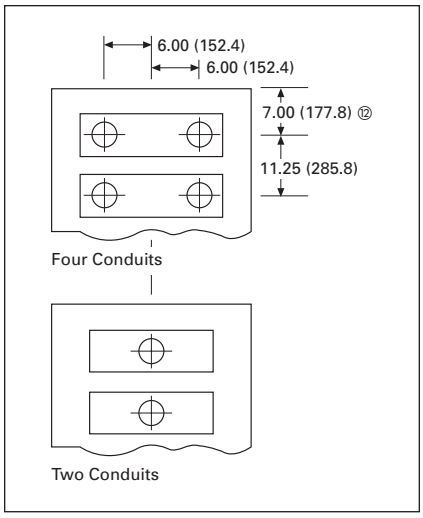


Figure 5.5-40. Primary Conduit Locations for Top or Bottom Entry

⑫ Changes to 8.25 inches (209.6 mm) if optional hinged rear doors are required.

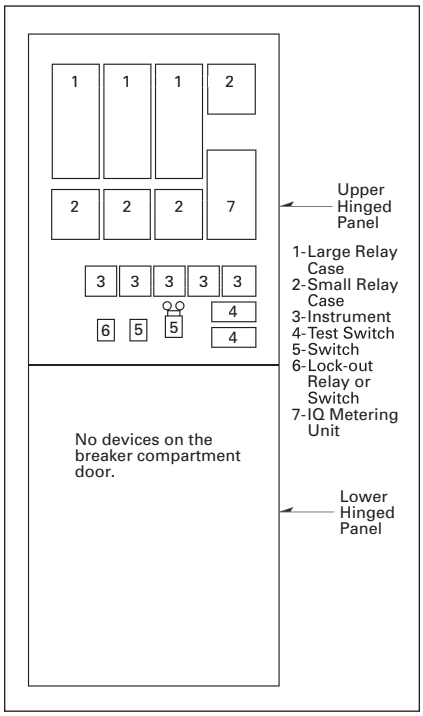


Figure 5.5-41. Maximum Hinged Panel Equipment

Note: The figure above shows that the arrangement of components differs between upper and lower panels. The figure may also be used to select custom arrangements of hinged panel components. Also, the use of multi-purpose solid-state relays such as Eaton's Digitrip 3000 (same size as device 7) will significantly reduce consumption of panel space.

Dimensions for estimating purposes only.

Layout Dimensions—27 kV Two-High Design—Dimensions in Inches (mm)

Typical Units—Indoor ①

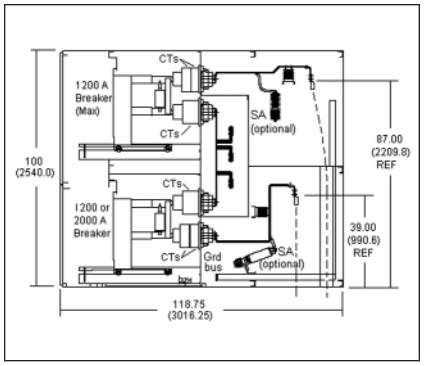


Figure 5.5-42. Indoor 36.00-Inch (914.4 mm) Wide Typical Breaker-over-Breaker Vertical Section

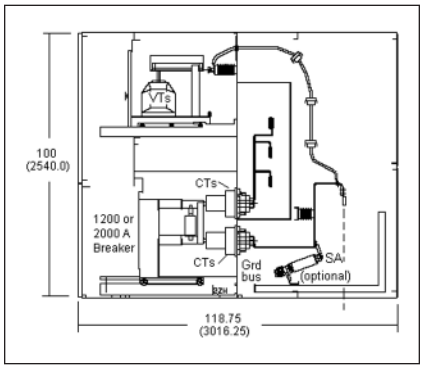


Figure 5.5-43. 36.00-Inch (914.4 mm) Wide Typical Auxiliary-over-Breaker Vertical Section

① For 1-high arrangement (1 breaker per cell), depth may be reduced to 108.64 inches (2759.5 mm).

Available Configurations ②

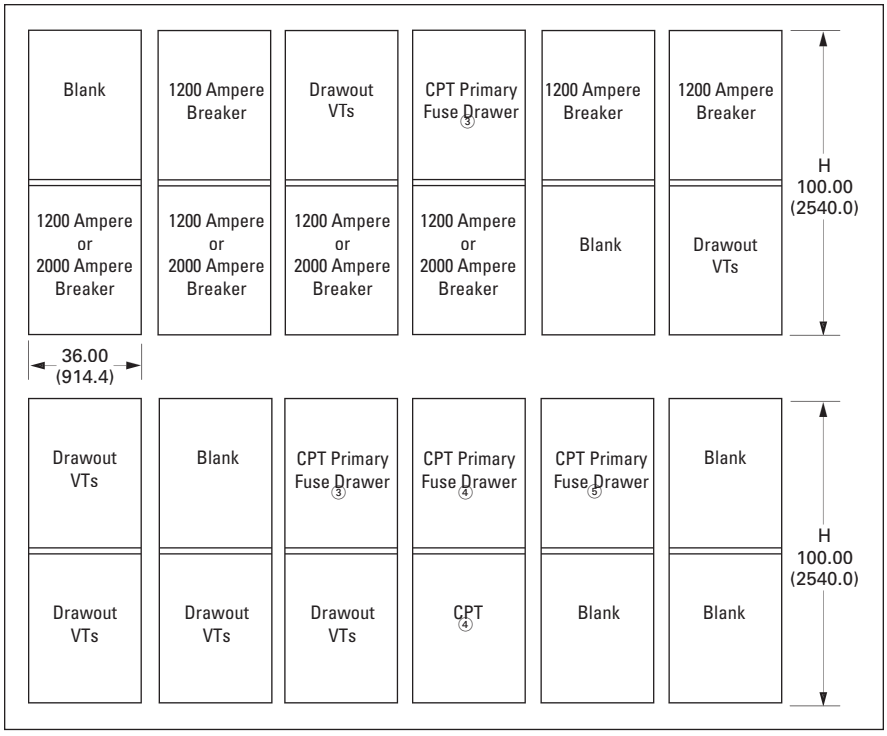


Figure 5.5-44. Available Configurations

② Available Main Bus Ratings for 27 kV two-high design are 1200A, 2000A, 2500A or 2700A.
③ Bus connected, maximum 4A fuses. CPT is installed remote from the switchgear.
④ Fuses are bus or line connected. CPT is installed in front bottom, on drawout frame. Maximum CPT size is single-phase 37.5 kVA or three-phase 45 kVA.
⑤ Bus or Line connected, maximum 4A fuses. CPT is installed remote from the switchgear.

Tie Breaker Bus Transition Requirements

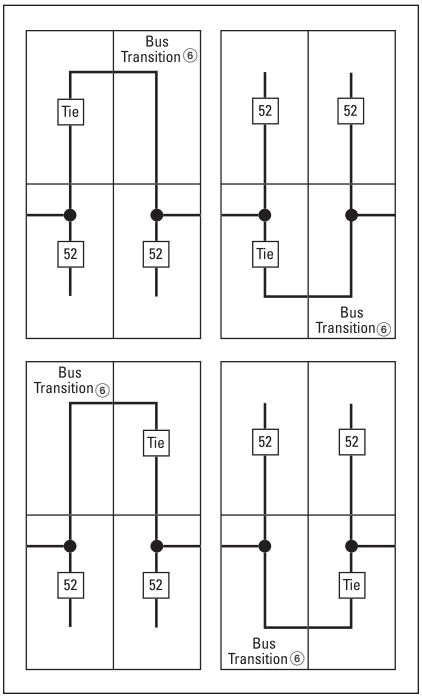


Figure 5.5-45. Tie Breaker Bus Transition Requirements

⑥ Breakers cannot be located in bus transition compartment.

Typical Weights

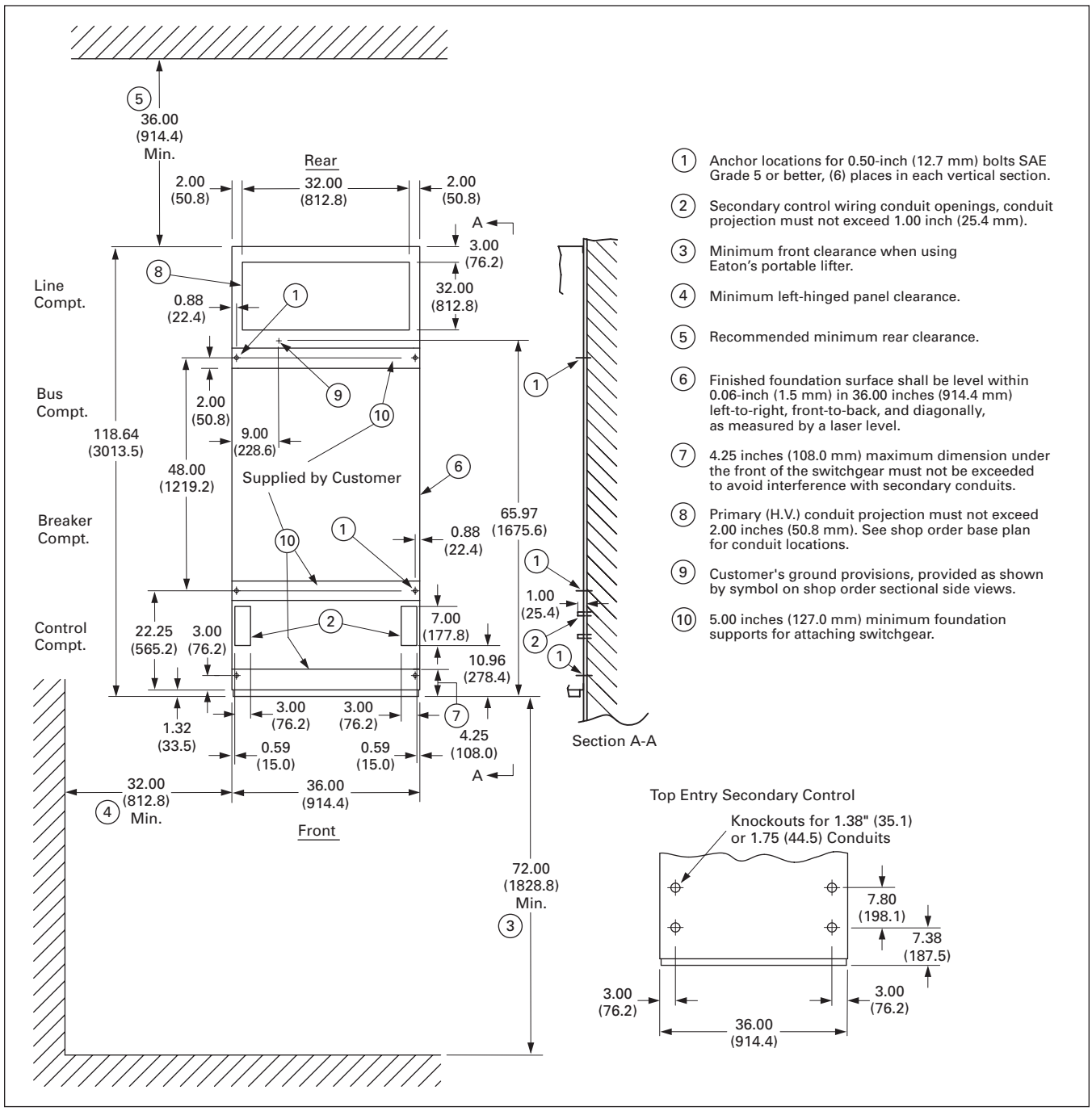
Table 5.5-10. Assemblies (Less Breakers) ⑦

Type of Vertical Section	Main Bus Rating, Amperes	Weight Lbs (kg)
Aux/Bkr	1200 2000 2500 2700	2500 (1135) 2600 (1180) 2600 (1180) 2700 (1227)
Aux/Aux	1200 2000 2500 2700	2200 (1000) 2300 (1046) 2300 (1046) 2400 (1091)
Bkr/Bkr	1200 2000 2500 2700	2700 (1227) 2800 (1273) 2800 (1273) 2900 (1318)

⑦ Refer to **Table 5.5-9** for breaker weights.

Dimensions for estimating purposes only.

Typical Floor Plan—27 kV Two-High, Indoor



1. Anchor locations for 0.50-inch (12.7 mm) bolts SAE Grade 5 or better, (6) places in each vertical section.
2. Secondary control wiring conduit openings, conduit projection must not exceed 1.00 inch (25.4 mm).
3. Minimum front clearance when using Eaton's portable lifter.
4. Minimum left-hinged panel clearance.
5. Recommended minimum rear clearance.
6. Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
7. 4.25 inches (108.0 mm) maximum dimension under the front of the switchgear must not be exceeded to avoid interference with secondary conduits.
8. Primary (H.V.) conduit projection must not exceed 2.00 inches (50.8 mm). See shop order base plan for conduit locations.
9. Customer's ground provisions, provided as shown by symbol on shop order sectional side views.
10. 5.00 inches (127.0 mm) minimum foundation supports for attaching switchgear.

Figure 5.5-46. Typical Floor Plan—27 kV Two-High, Indoor

Dimensions for estimating purposes only.

Layout Dimensions—38 kV, 170 kV BIL Design—Dimensions in Inches (mm)

Typical Units

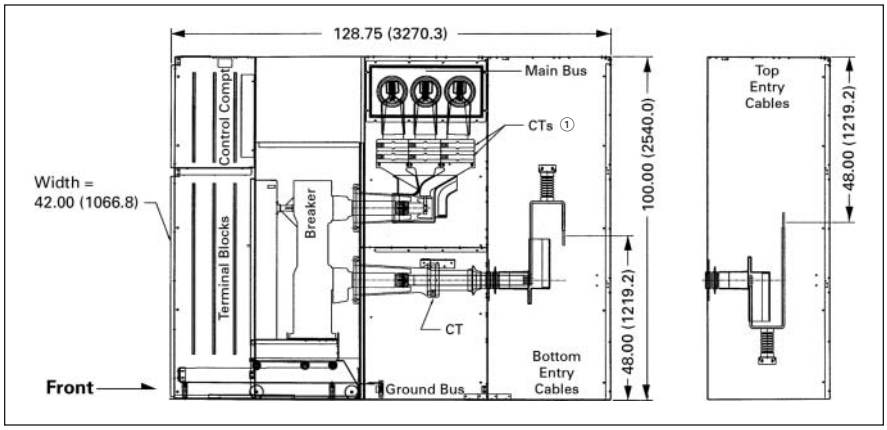


Figure 5.5-47. Indoor—Typical Breaker, Vertical Section, Bottom Cable Exit

① Bus side CT bushings are not provided if there are no bus side CTs.

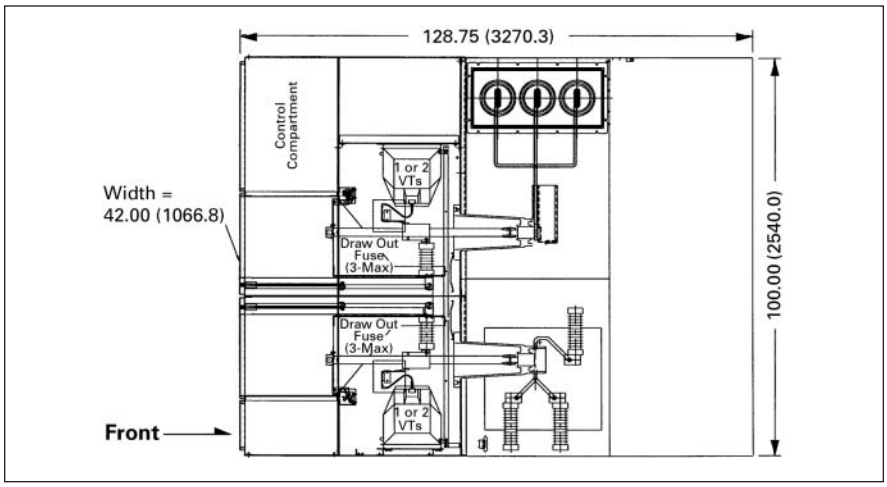


Figure 5.5-48. Indoor—Typical Auxiliary/Auxiliary

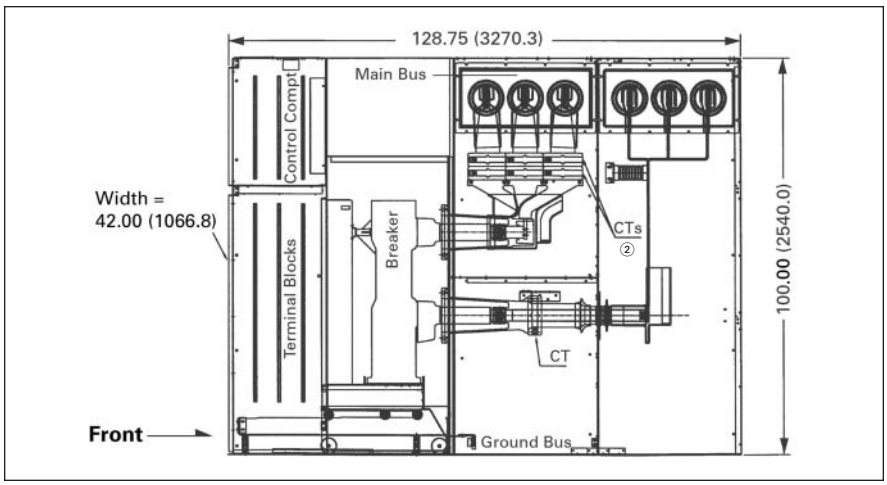


Figure 5.5-49. Indoor—Typical Bus Tie Breaker, Vertical Section

② Bus side CT bushings are not provided if there are no bus side CTs.

Typical Weights in Lbs (kg)

Table 5.5-11. Assemblies (Less Breakers)

Type of Vertical Section	Main Bus Rating Amperes	Indoor
Breaker	1200 2000 2500 3000	3300 (1500) 3400 (1545) 3555 (1616) 3555 (1616)
Auxiliary	1200 2000 2500 3000	3200 (1453) 3300 (1500) 3455 (1570) 3455 (1570)

Table 5.5-12. Breaker Weights in Lbs (kg)

Type of Breaker	Current Rating, Amperes	
	1200	2000
380 VCP-W-16, 16C 380 VCP-W-25, 25C	1080 (490) 1080 (490)	1140 (518) 1140 (518)
380 VCP-W-32, 32C 380 VCP-W-21	1080 (490) 1080 (490)	1140 (518) 1140 (518)
380 VCP-W-40, 40C	1080 (490) 1080 (490)	1140 (518) 1140 (518)

5

Dimensions for estimating purposes only.

Dimensions in Inches (mm) (Continued)

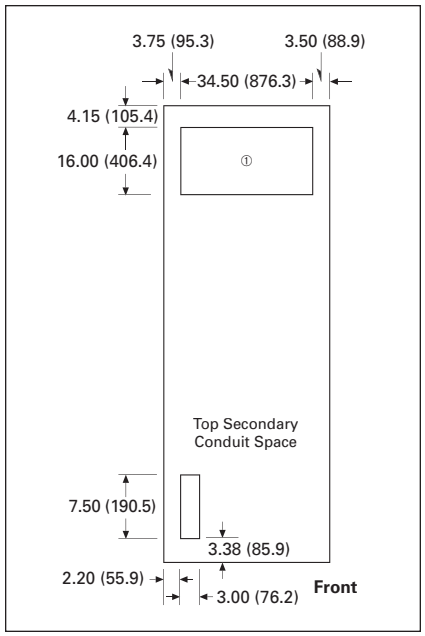


Figure 5.5-50. Top View of Typical Indoor Breaker and Auxiliary Structures

① Primary conduit locations for top or bottom entry.

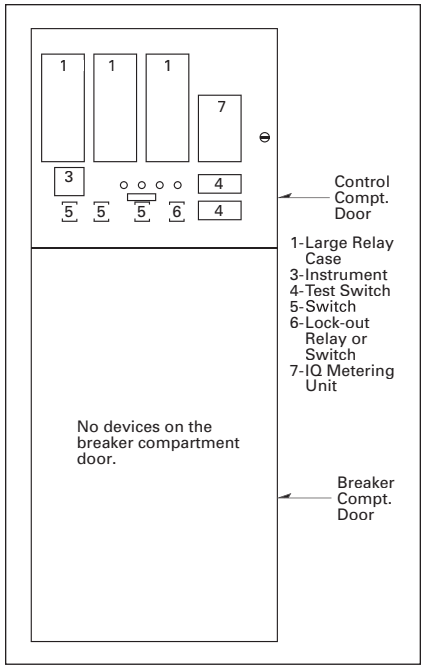


Figure 5.5-51. Maximum Hinged Panel Equipment

Note: The figure above shows that the arrangement of components. The figure may also be used to select custom arrangements of hinged panel components. Also, the use of multi-purpose solid-state relays such as Eaton's Digitrip 3000 (same size as device 7) will significantly reduce consumption of panel space.

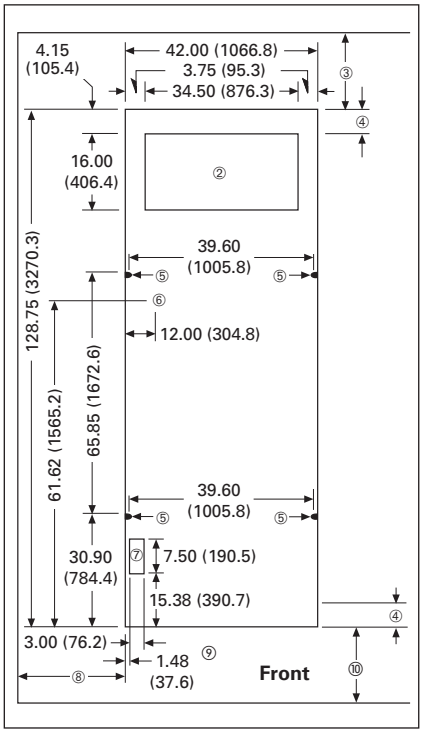


Figure 5.5-52. Base Plan of a Typical Indoor Breaker and Auxiliary Structure

② Primary conduit locations for top or bottom entry.
③ Recommended minimum clearance to rear of VacClad-W: 42.00 inches (1066.8 mm).
④ Floor steel, if used, must not exceed 3.25 inches (82.6 mm) under VacClad-W.
⑤ Anchor locations: indoor—0.50-inch (12.7 mm) bolts or weld, outdoor—0.50-inch (12.7 mm) bolts.
⑥ Station ground connection provision.
⑦ Secondary conduit space: All—maximum of 1.00-inch (25.4 mm) projection.
⑧ Minimum clearance to LH side of VacClad-W: 38.00 inches (965.2 mm).
⑨ Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
⑩ Minimum clearance to front of VacClad-W: 84.00 inches (2133.6 mm).

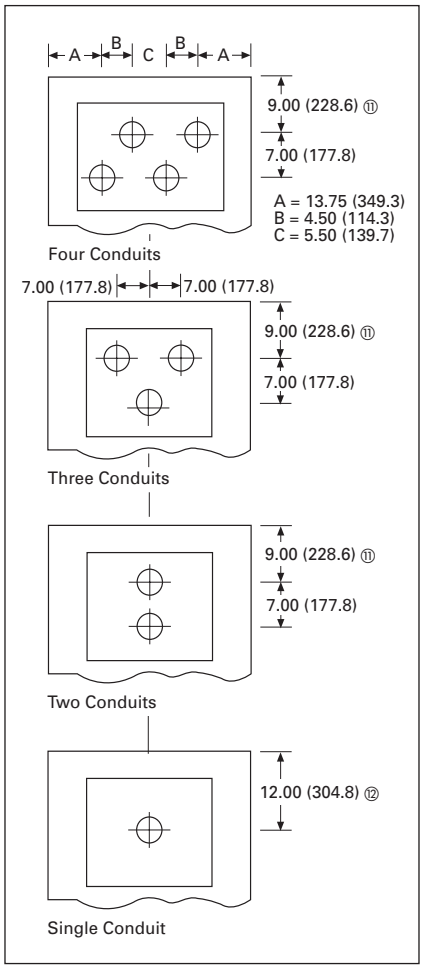


Figure 5.5-53. Primary Conduit Locations for Top or Bottom Entry

⑪ Changes to 10.25 inches (260.4 mm) if optional hinged rear doors are required.
⑫ Changes to 13.25 inches (336.6 mm) if optional hinged rear doors are required.

Layout Dimensions—38 kV, 150 kV BIL Design—Dimensions in Inches (mm)

Typical Units

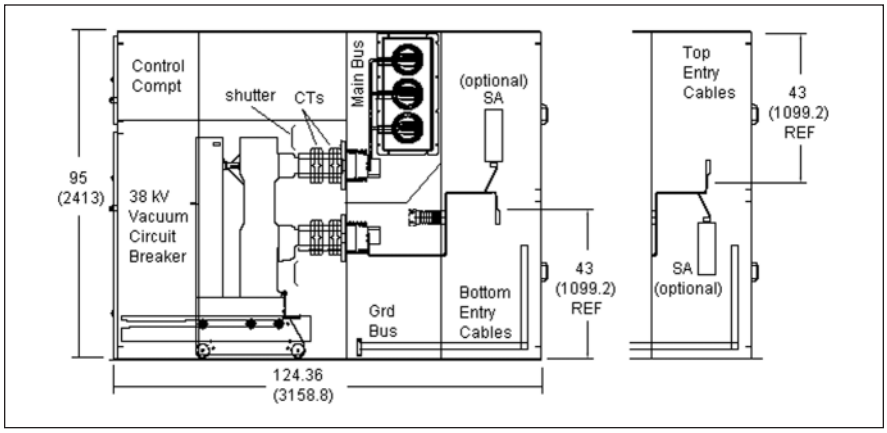


Figure 5.5-54. Indoor—Typical Breaker, Main or Feeder

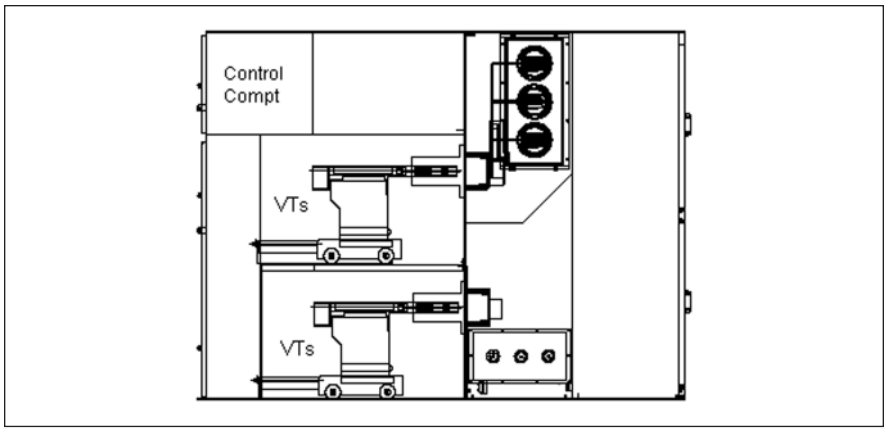


Figure 5.5-55. Typical Auxiliary-over-Auxiliary

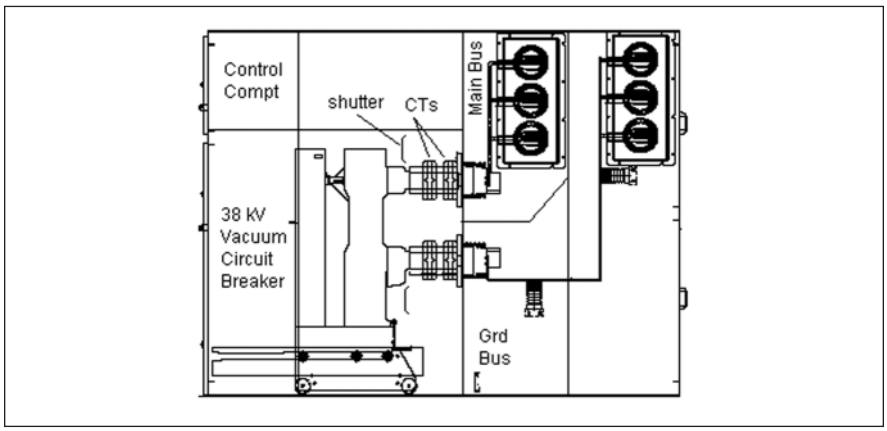


Figure 5.5-56. Typical Bus Tie Breaker

Typical Weights in Lbs (kg) ①

Table 5.5-13. Assemblies (Less Breakers)

Type of Vertical Section	Main Bus Rating Amperes	Indoor
Breaker	1200 2000 2500	3100 (1409) 3200 (1455) 3355 (1525)
Auxiliary	1200 2000 2500	3000 (1364) 3100 (1409) 3355 (1525)

① Refer to **Table 5.5-12** for breaker weights.

5

Dimensions for estimating purposes only.

Layout Dimensions—38 kV, 150 kV BIL Design—Dimensions in Inches (mm)

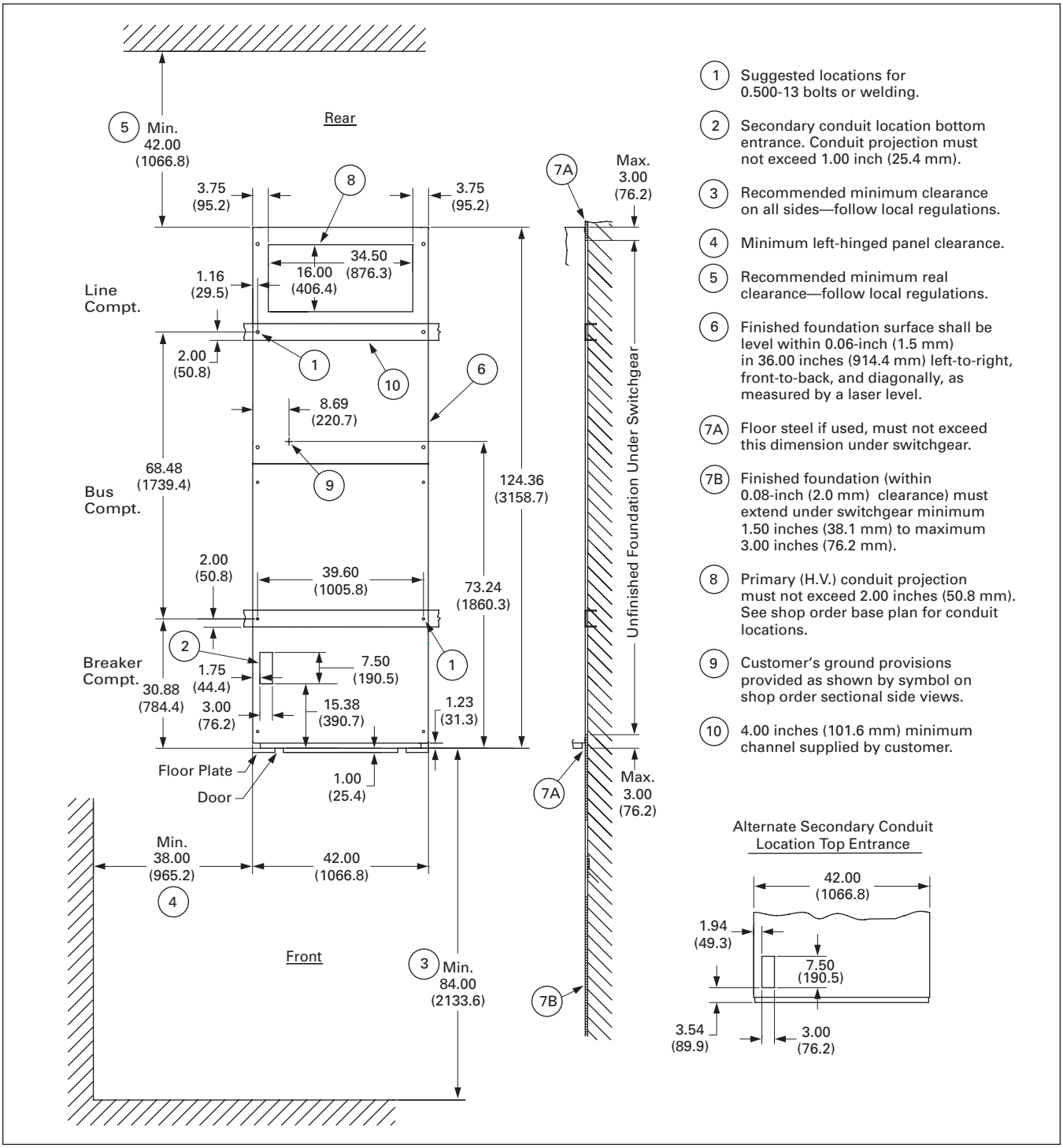


Figure 5.5-57. Indoor—Typical Indoor Base Plan

Typical Application Layouts

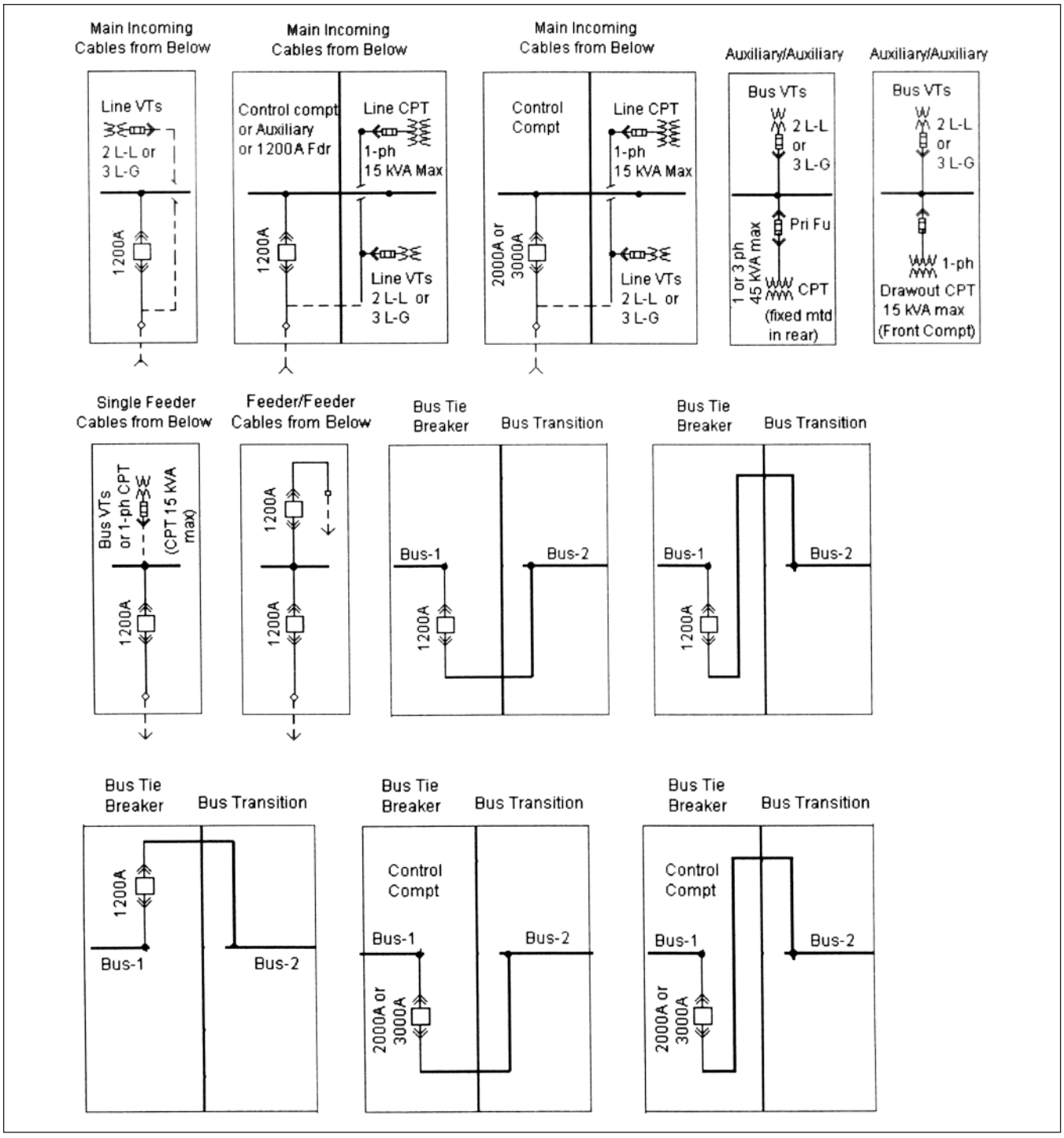


Figure 5.5-58. Typical Arc-Resistant Switchgear Application Layouts—5 and 15 kV

Notes:

1. Maximum number of CTs: Two sets of standard or one set of high accuracy CTs can be installed on each side of the circuit breaker.
2. Bottom entry is standard for all power cables. In breaker over breaker arrangement, maximum number of cables is limited to **two per phase for each breaker**.
3. All lineups shown can be provided in mirrored configuration.
4. Refer to **Figure 5.5-61** to **5.5-66** for dimensions.

Typical Application Layouts

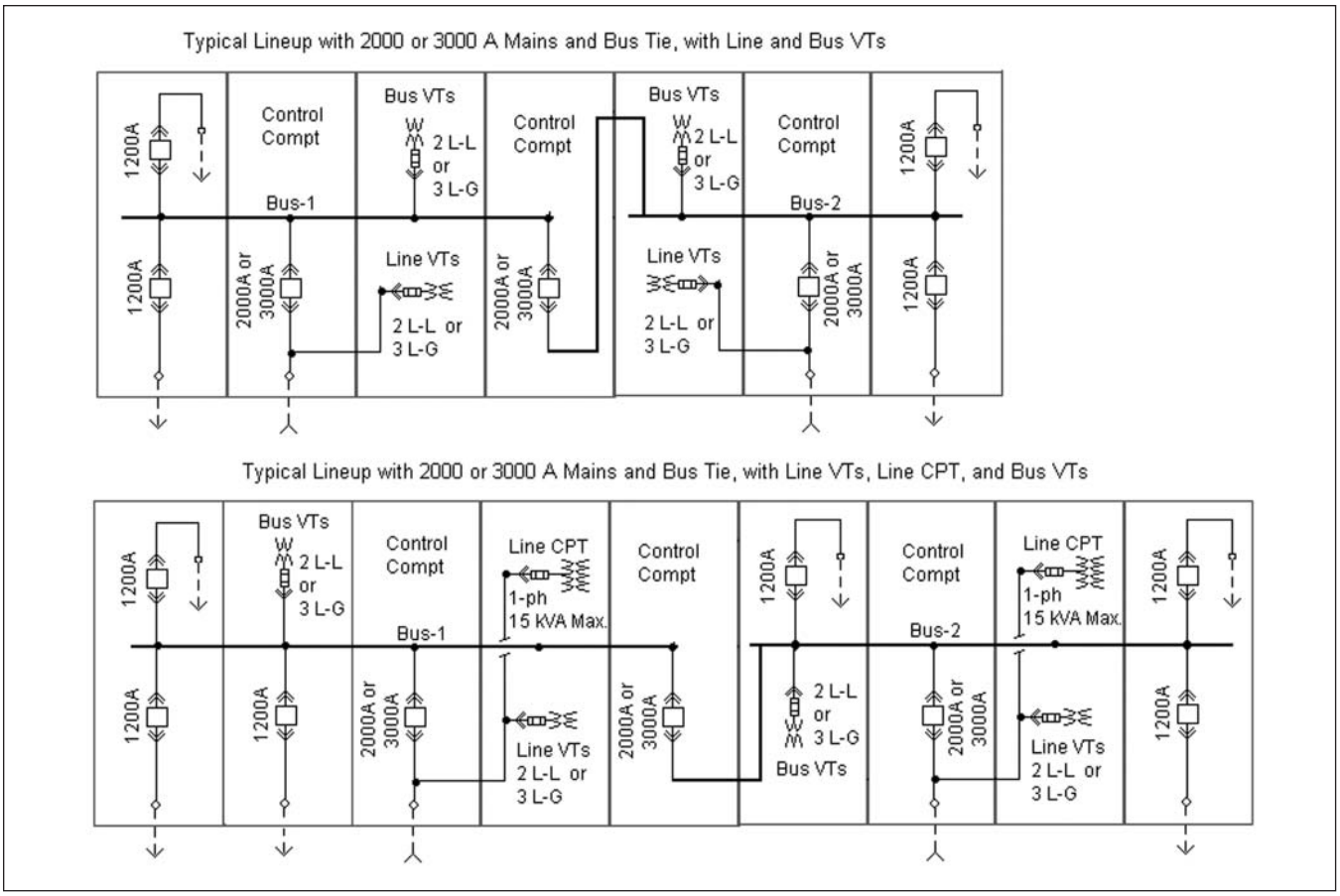


Figure 5.5-59. Typical Arc-Resistant Switchgear Application Layouts—5 and 15 kV

Notes:

1. Maximum number of CTs: Two sets of standard or one set of high accuracy CTs can be installed on each side of the circuit breaker.
2. Bottom entry is standard for all power cables. In breaker over breaker arrangement, maximum number of cables is limited to **two per phase for each breaker**.
3. All lineups shown can be provided in mirrored configuration.
4. Refer to **Figure 5.5-61** to **5.5-66** for dimensions.

Typical Application Layouts (Continued)

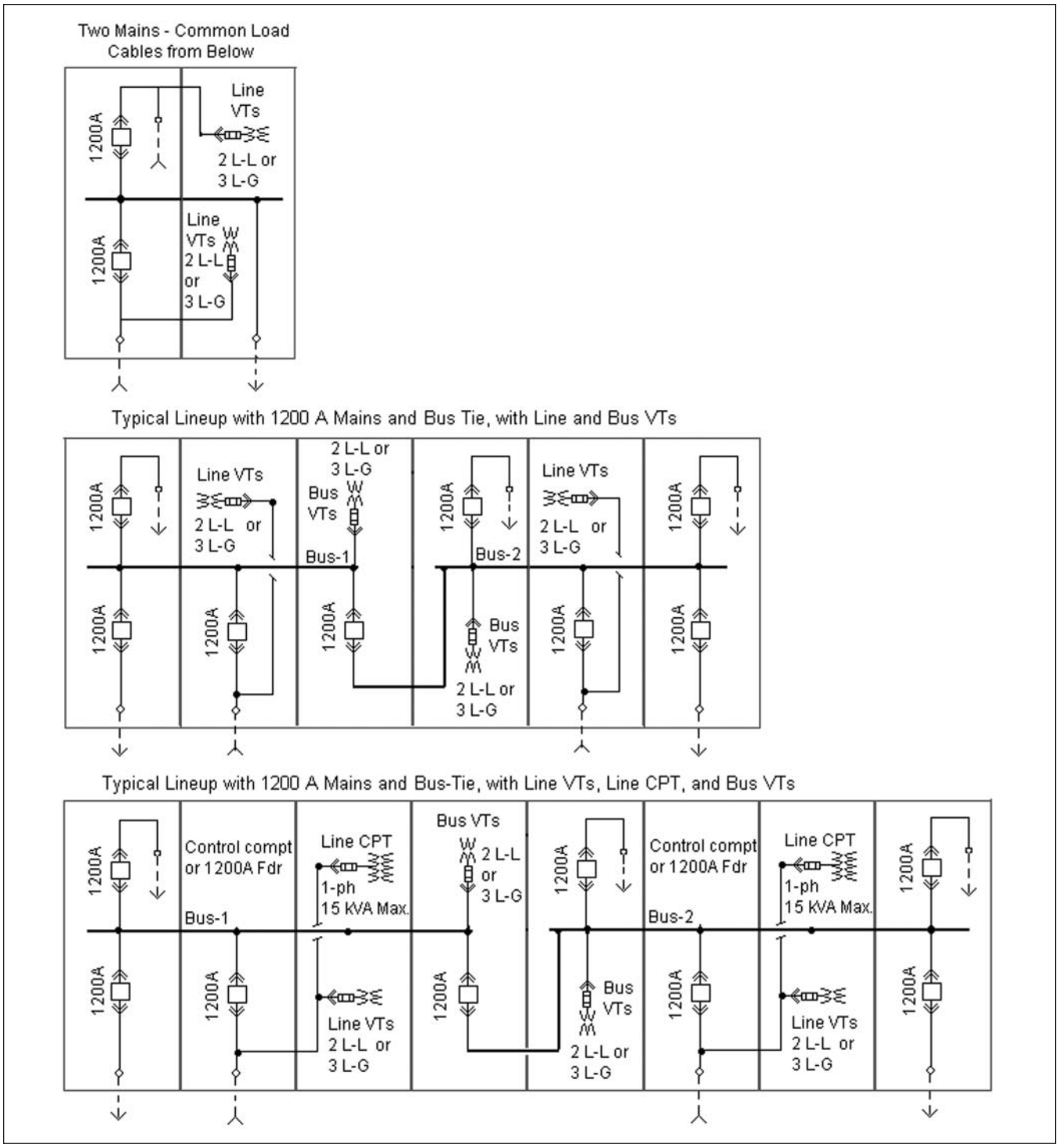
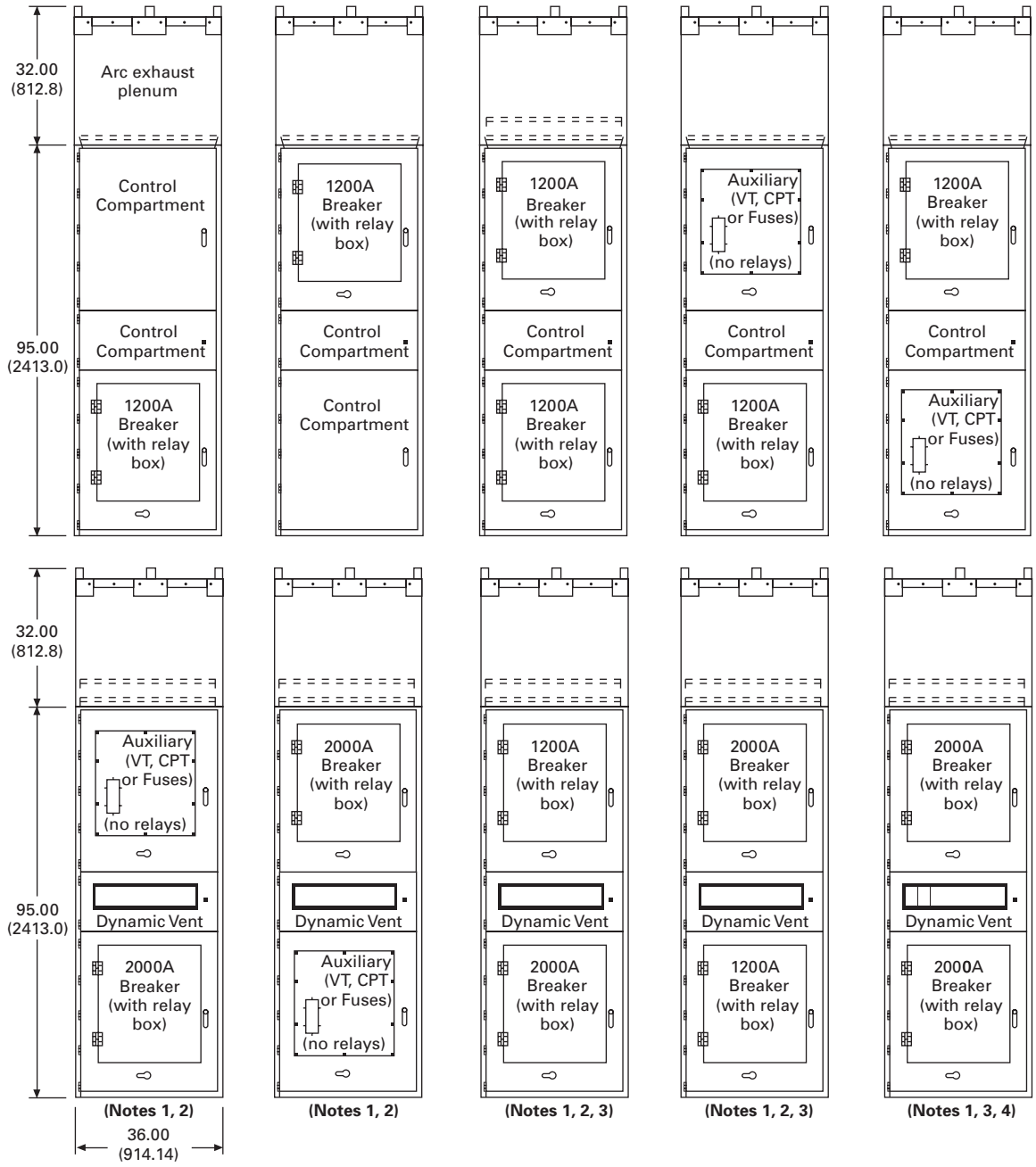


Figure 5.5-60. Typical Arc-Resistant Switchgear Application Layouts—5 and 15 kV

Notes:

1. Maximum number of CTs: Two sets of standard or one set of high accuracy CTs can be installed on each side of the circuit breaker.
2. Bottom entry is standard for all power cables. In breaker over breaker arrangement, maximum number of cables is limited to **two per phase for each breaker**.
3. All lineups shown can be provided in mirrored configuration.
4. Refer to **Figure 5.5-61** to **5.5-66** for dimensions.

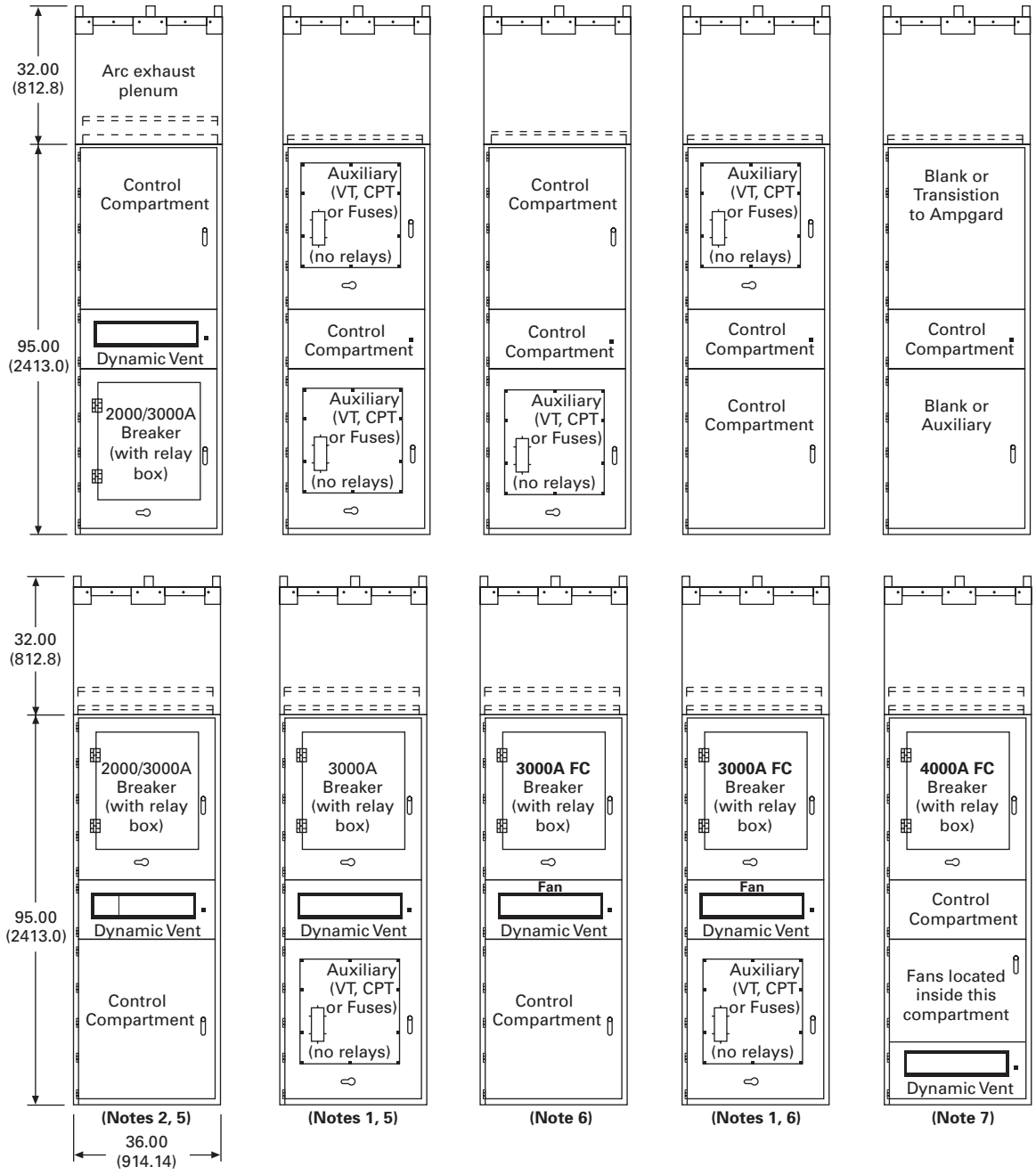
Available Configurations



Notes:
1 = Please note that the only control space available for relays and LV devices for this configuration is the relay box located on the breaker compartment door.
2 = Maximum current through a 2000A breaker in this location must be limited to 1750A.
3 = This configuration requires use of a 4000A main bus.
4 = Maximum current through each 2000A breaker in this configuration must be limited to 1750A each.

Figure 5.5-61. Available Arc-Resistant Switchgear Configurations (Front Views)—5 and 15 kV

Available Configurations



Notes:
1 = Please note that the only control space available for relays and LV devices for this configuration is the relay box located on the breaker compartment door.
2 = Maximum current through a 2000A breaker in this location must be limited to 1750A.
5 = Maximum current through a 3000A breaker in this location must be limited to 2500A.
6 = Maximum current allowed through a 3000A circuit breaker in this configuration is 3000A with fans running, and 2500A when fans are not running.
7 = Maximum current allowed through a 3000A circuit breaker in this configuration is 4000A with fans running, and 2500A when fans are not running.

Figure 5.5-61. Available Arc-Resistant Switchgear Configurations (Front Views)—5 and 15 kV (Continued)

Typical Sectional Side Views

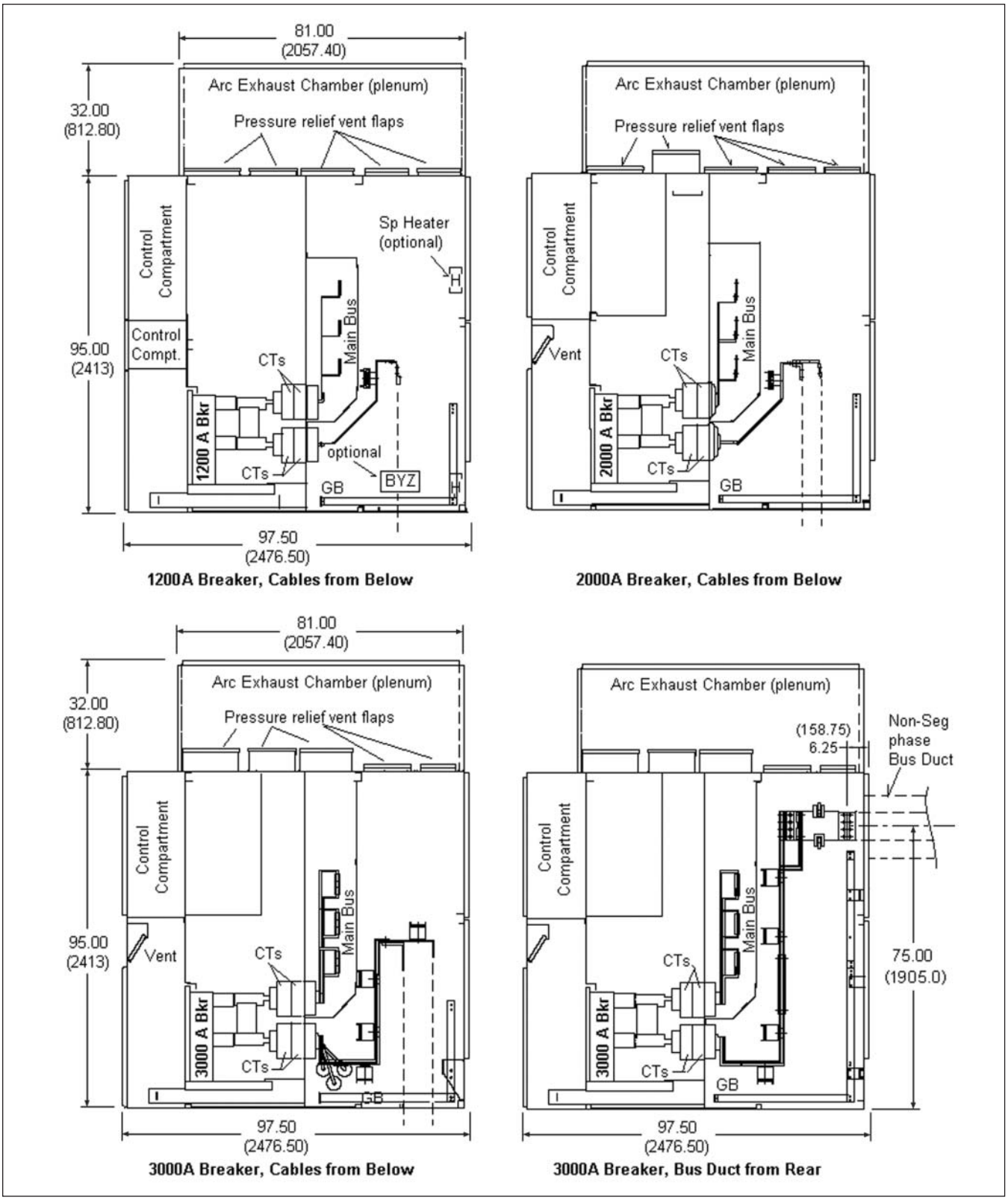


Figure 5.5-62. Typical Arc-Resistant Switchgear (Side Views)—5 and 15 kV

Typical Sectional Side Views (Continued)

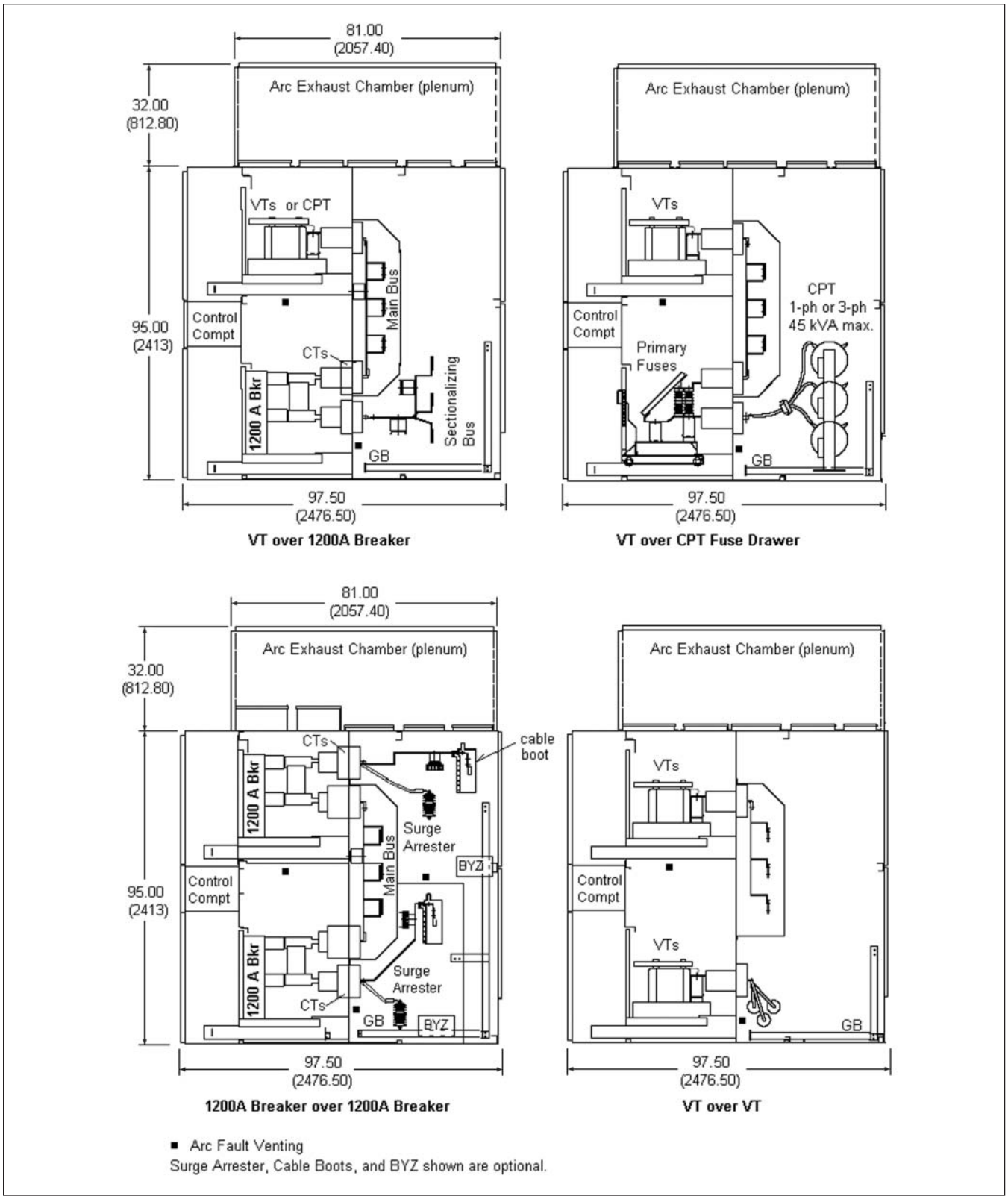
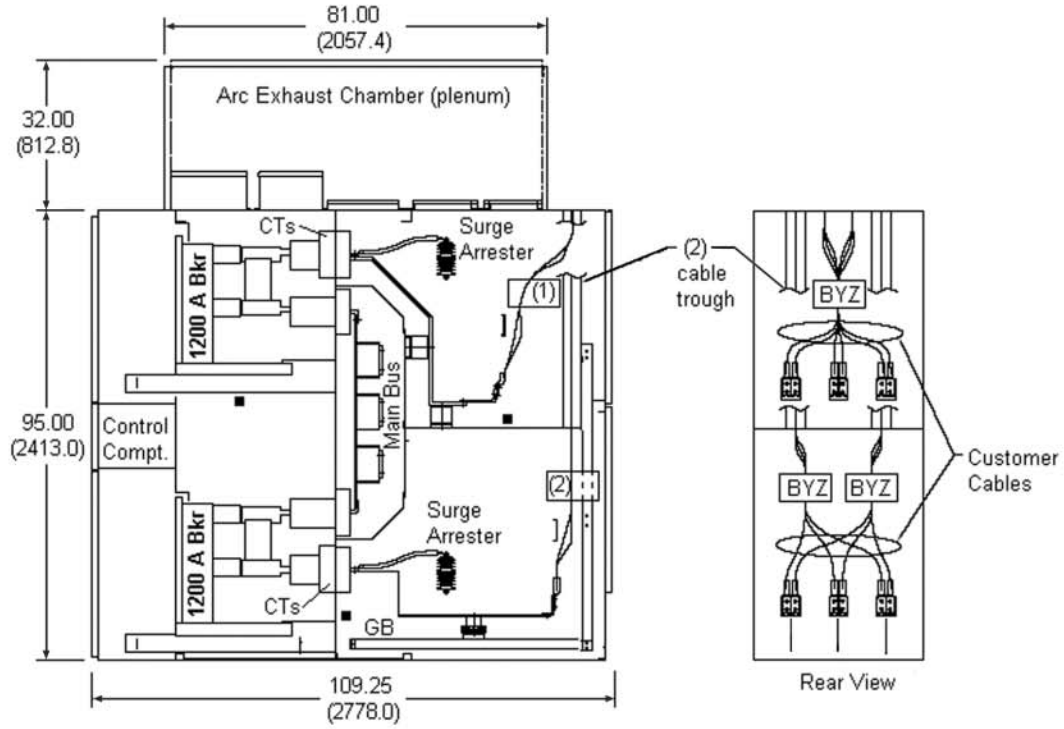


Figure 5.5-63. Typical Arc-Resistant Switchgear (Side Views)—5 and 15 kV

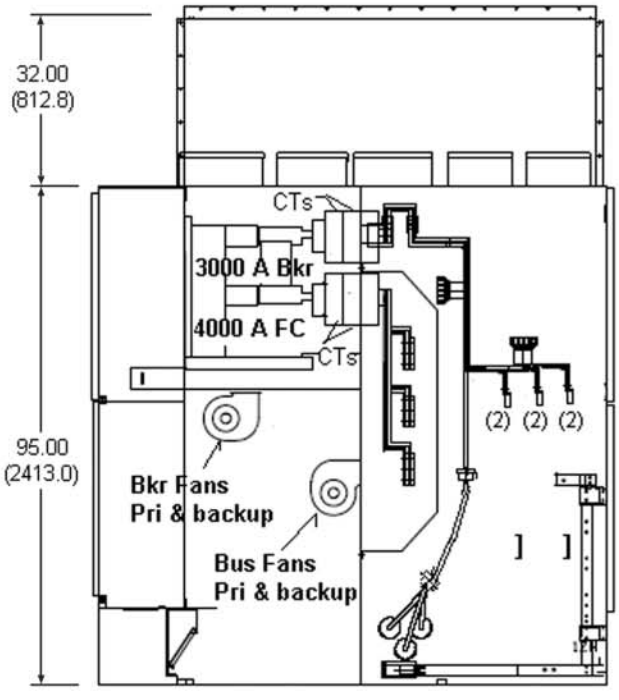
Typical Sectional Side Views (Continued)



1200A Bkr over 1200A Bkr, Cables from Top

- Arc Fault Venting

Surge Arrester, Cable Boots, and BYZ shown are optional.



4000A Fan Cooled

Figure 5.5-64. Typical Arc-Resistant Switchgear (Side Views)—5 and 15 kV

5/15 kV Arc-Resistant Switchgear—Typical Weights

Table 5.5-14. Assemblies (Less Breakers) ①②③④

Type of Vertical Section	Main Bus Rating	Indoor Structure 36.00-Inch (914.4 mm) W 97.50-Inch (2476.5 mm) D	Indoor Structure 36.00-Inch (914.4 mm) W 109.50-Inch (2781.3 mm) D	Indoor Structure 36.00-Inch (914.4 mm) W 121.50-Inch (3086.1 mm) D
	Amperes	Lbs (kg)	Lbs (kg)	Lbs (kg)
Breaker/breaker	1200 2000 3000 4000	2800 (1271) 2900 (1317) 3000 (1362) 3100 (1407)	3025 (1374) 3175 (1441) 3275 (1487) 3375 (1532)	3175 (1441) 3375 (1532) 3475 (1578) 3575 (1623)
Blank/breaker or breaker/blank	1200 2000 3000 4000	2700 (1226) 2800 (1271) 2900 (1317) 3000 (1362)	2900 (1317) 3125 (1419) 3150 (1430) 3275 (1487)	3125 (1419) 3175 (1441) 3325 (1510) 3475 (1578)
Auxiliary/breaker or breaker/auxiliary	1200 2000 3000 4000	2650 (1203) 2750 (1248) 2850 (1294) 2950 (1339)	2850 (1294) 2975 (1351) 3100 (1407) 3225 (1464)	2975 (1351) 3225 (1464) 3275 (1487) 3450 (1566)
Auxiliary/auxiliary	1200 2000 3000 4000	2600 (1180) 2700 (1226) 2800 (1271) 2900 (1317)	2800 (1271) 2925 (1328) 3050 (1385) 3175 (1441)	2925 (1328) 3175 (1441) 3225 (1464) 3375 (1532)
Blank/auxiliary or auxiliary/blank	1200 2000 3000 4000	2500 (1135) 2600 (1180) 2700 (1226) 2800 (1271)	2700 (1226) 2825 (1283) 2950 (1339) 3075 (1396)	2825 (1283) 2975 (1351) 3125 (1419) 3275 (1487)
Blank/blank	1200 2000 3000 4000	2500 (1135) 2600 (1180) 2700 (1226) 2800 (1271)	2700 (1226) 2825 (1283) 2950 (1339) 3075 (1396)	2825 (1283) 2975 (1351) 3125 (1419) 3275 (1487)

① Refer to **Table 5.5-2** for breaker weights.
② Add weights of end-wall to left and right end structures as follows:
350 Lbs (159.1 kg) for 97.50-inch (2476.5) D structures.
390 Lbs (177.3 kg) for 109.50-inch (2781.3) D structures.
430 Lbs (195.4 kg) for 121.50-inch (3086.1) D structures.
③ Add plenum weight as follows:
300 Lbs (136.4 kg) to left and right end structures.
200 Lbs (91.0 kg) to each intermediate structures.
④ Add arc duct assembly weight as follows:
200.00 Lbs (91.0 kg) for standard 51.00-inch (1295.4 mm) arc exhaust duct assembly.
30.00 Lbs (14.0 kg) per foot for additional arc duct.

Typical Top Plan

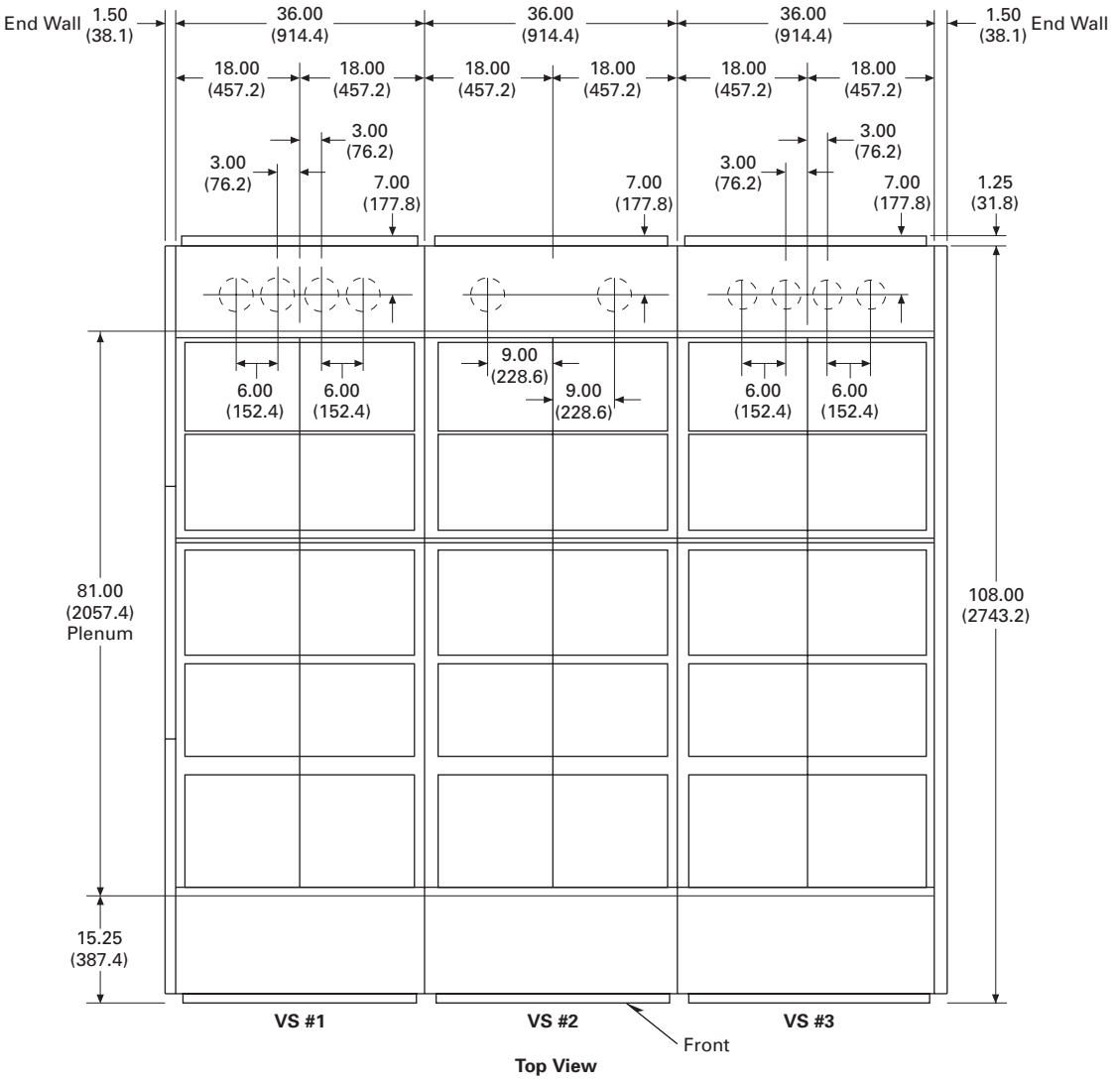
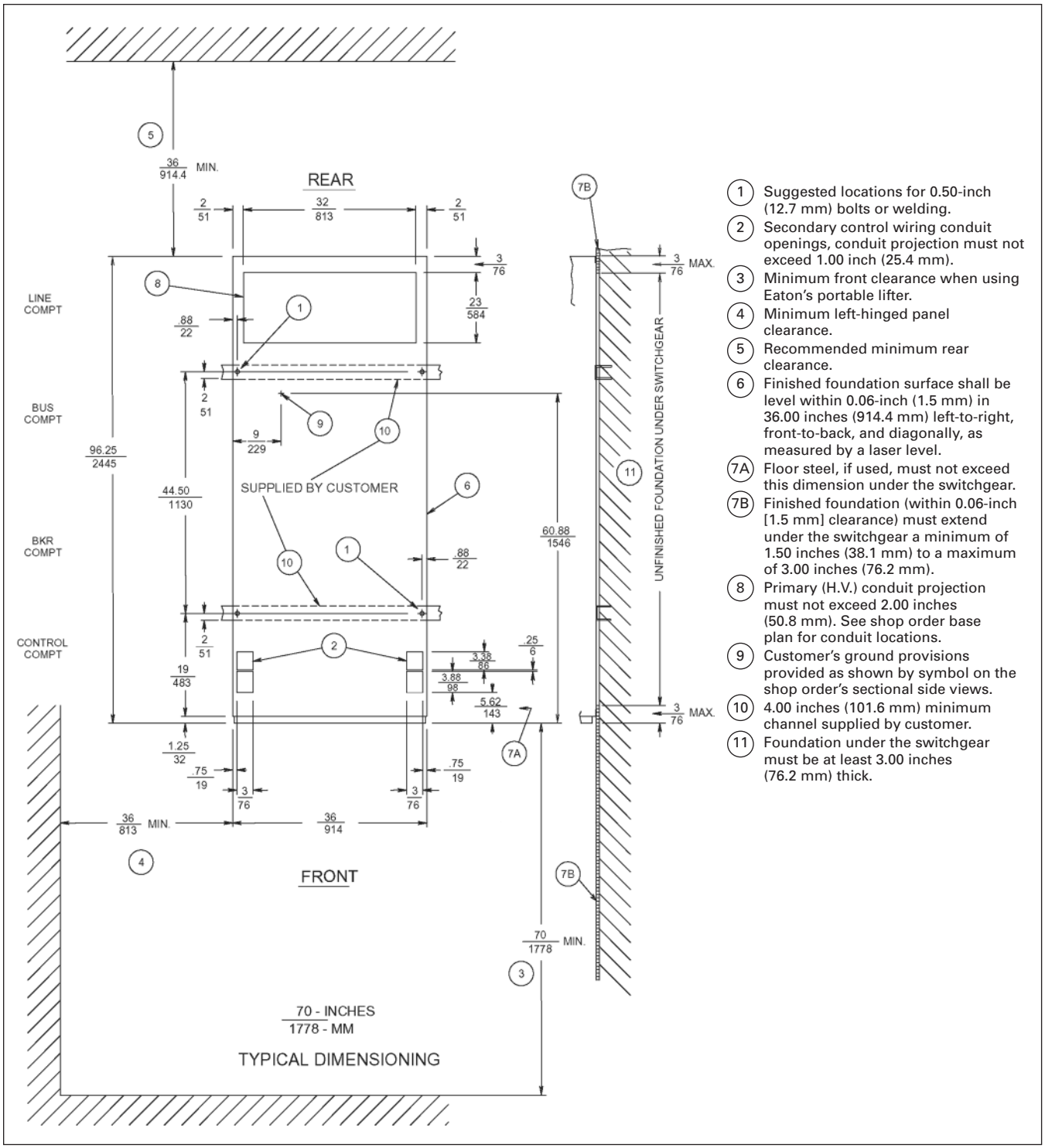


Figure 5.5-65. Typical Arc-Resistant Switchgear, Top Entry Cables—Typical Conduit Entrance Locations—5 and 15 kV

Note: For switchgear with enclosure arc ratings of up to 41 kA rms symmetrical, minimum two vertical sections and one arc duct exit are required.

For switchgear with enclosure arc ratings of 50 kA rms symmetrical or higher, minimum three vertical sections and two arc duct exits are required.

Typical Floor Plan



1. Suggested locations for 0.50-inch (12.7 mm) bolts or welding.
2. Secondary control wiring conduit openings, conduit projection must not exceed 1.00 inch (25.4 mm).
3. Minimum front clearance when using Eaton's portable lifter.
4. Minimum left-hinged panel clearance.
5. Recommended minimum rear clearance.
6. Finished foundation surface shall be level within 0.06-inch (1.5 mm) in 36.00 inches (914.4 mm) left-to-right, front-to-back, and diagonally, as measured by a laser level.
7A. Floor steel, if used, must not exceed this dimension under the switchgear.
7B. Finished foundation (within 0.06-inch [1.5 mm] clearance) must extend under the switchgear a minimum of 1.50 inches (38.1 mm) to a maximum of 3.00 inches (76.2 mm).
8. Primary (H.V.) conduit projection must not exceed 2.00 inches (50.8 mm). See shop order base plan for conduit locations.
9. Customer's ground provisions provided as shown by symbol on the shop order's sectional side views.
10. 4.00 inches (101.6 mm) minimum channel supplied by customer.
11. Foundation under the switchgear must be at least 3.00 inches (76.2 mm) thick.

Figure 5.5-66. Typical Arc-Resistant Switchgear Floor Plan—5 and 15 kV

Typical Application Layouts

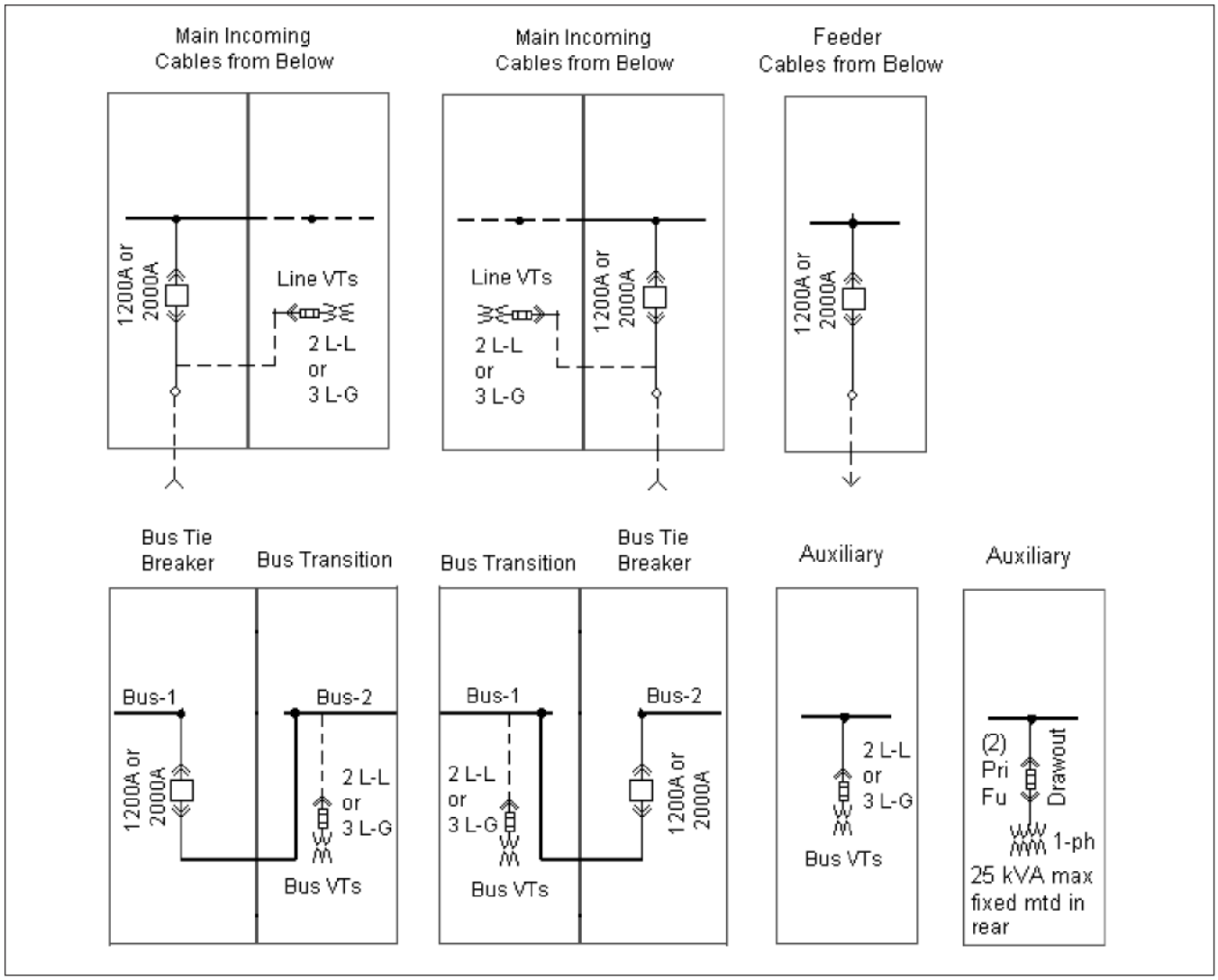


Figure 5.5-67. Typical Arc-Resistant Switchgear Application Layouts—27 kV

Notes:

1. Maximum number of CTs: Two sets of standard or one set of high accuracy CTs can be installed on each side of the circuit breaker.
2. Bottom entry is standard for all power cables, maximum four per phase.
3. Refer to **Figure 5.5-68** to **5.5-70** for dimensions.
4. 27 kV arc-resistant switchgear can be supplied in one-high design configuration only.

Available Configurations (Continued)

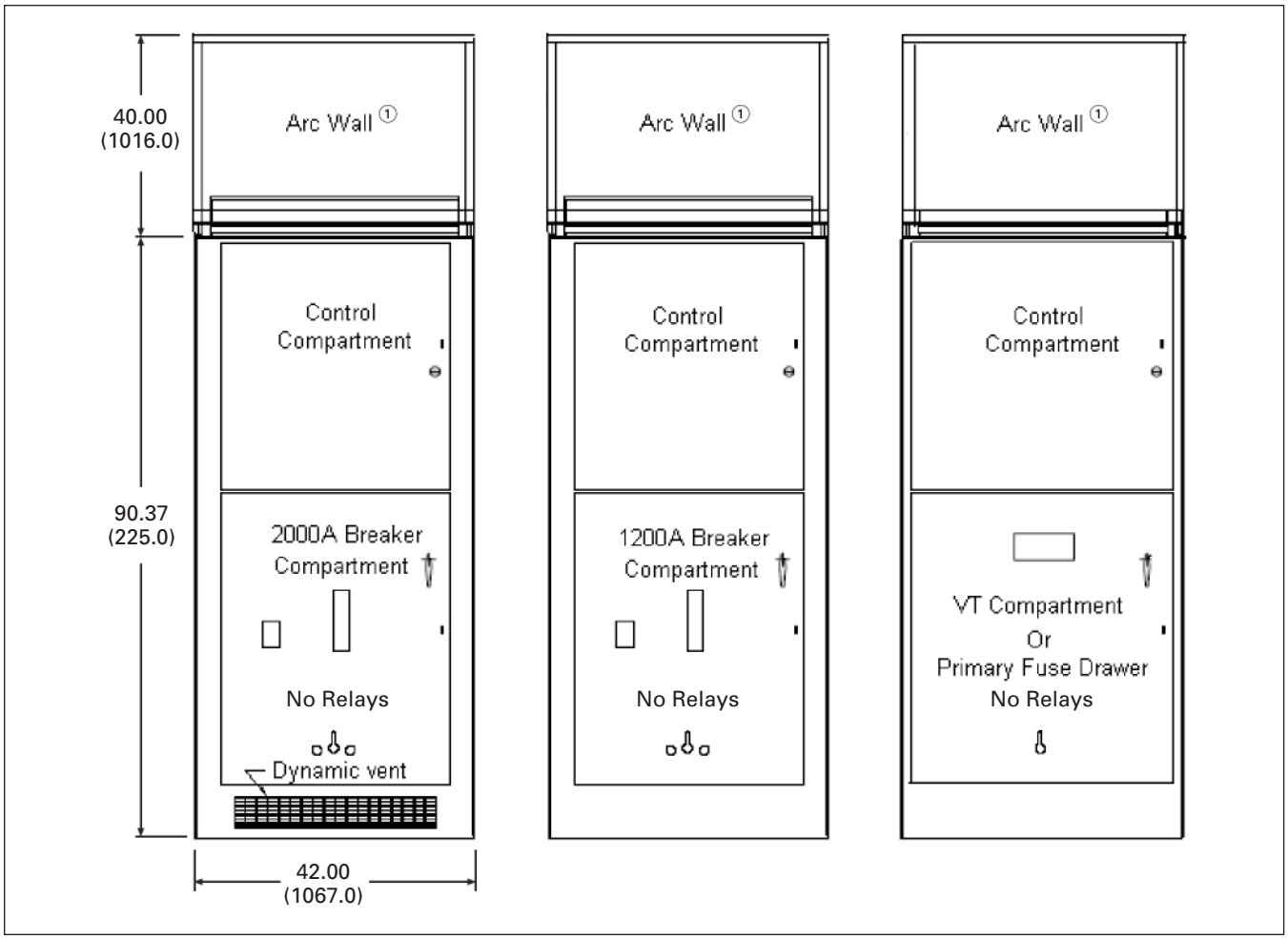


Figure 5.5-68. Available Arc-Resistant Switchgear Configurations (Front Views)—27 kV

① Please note that an additional 48.00-inch (1219.2 mm) clearance is required above the arc wall for arc exhaust.

Typical Weights in Lbs (kg) ②

Table 5.5-15. Assemblies (Less Breakers)

Type of Vertical Section	Main Bus Rating Amperes	Indoor Structure
Control/breaker	1200 2000	2700 (1226) 2800 (1271)
Control/auxiliary	1200 2000	2400 (1090) 2500 (1135)

② Refer to **Table 5.5-9** for breaker weights.

Typical Sectional Side Views—Dimensions in Inches (mm)

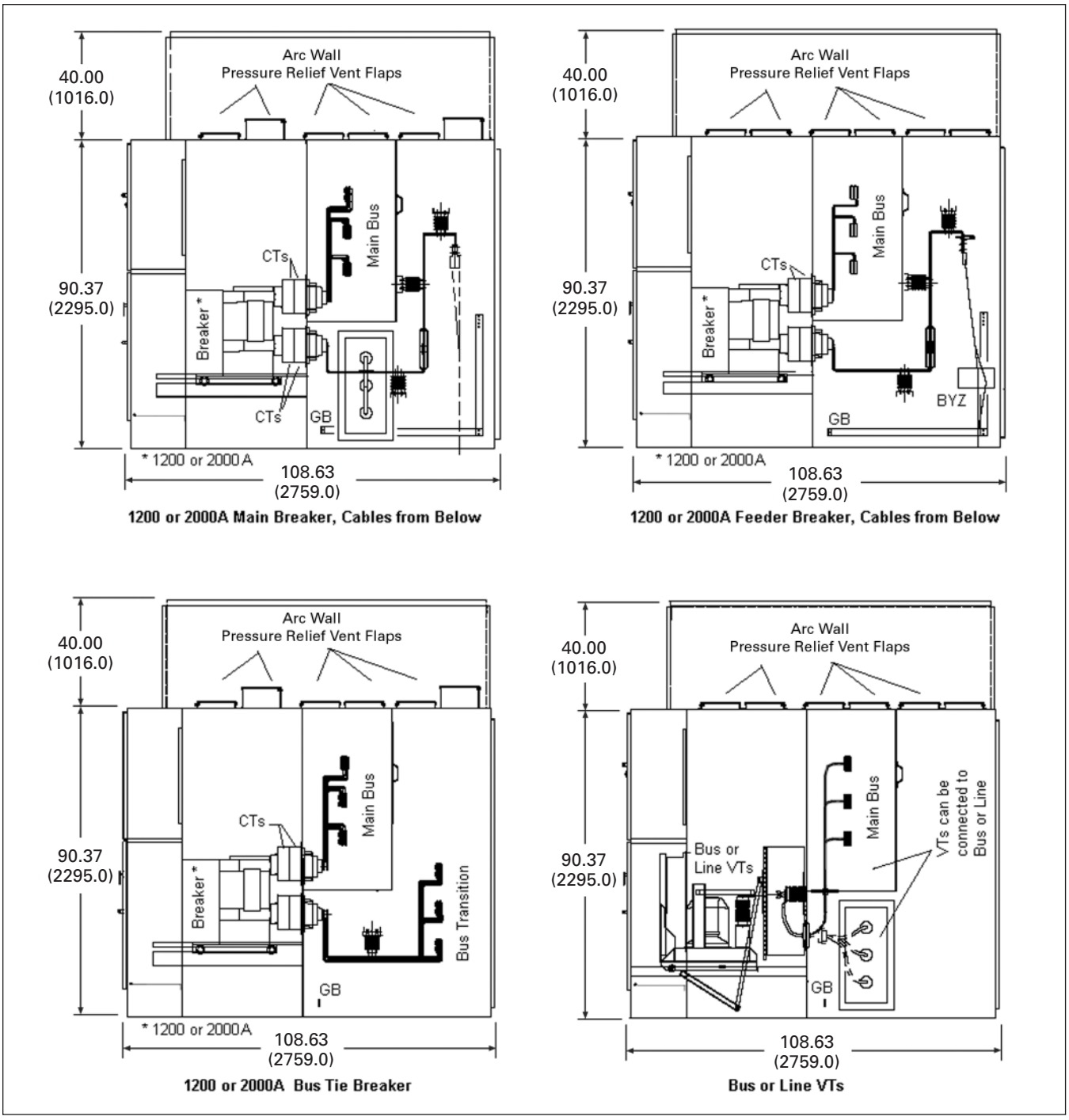


Figure 5.5-69. Typical Arc-Resistant Switchgear Sectional (Side Views)—27 kV

Typical Floor Plan—Dimensions in Inches (mm)

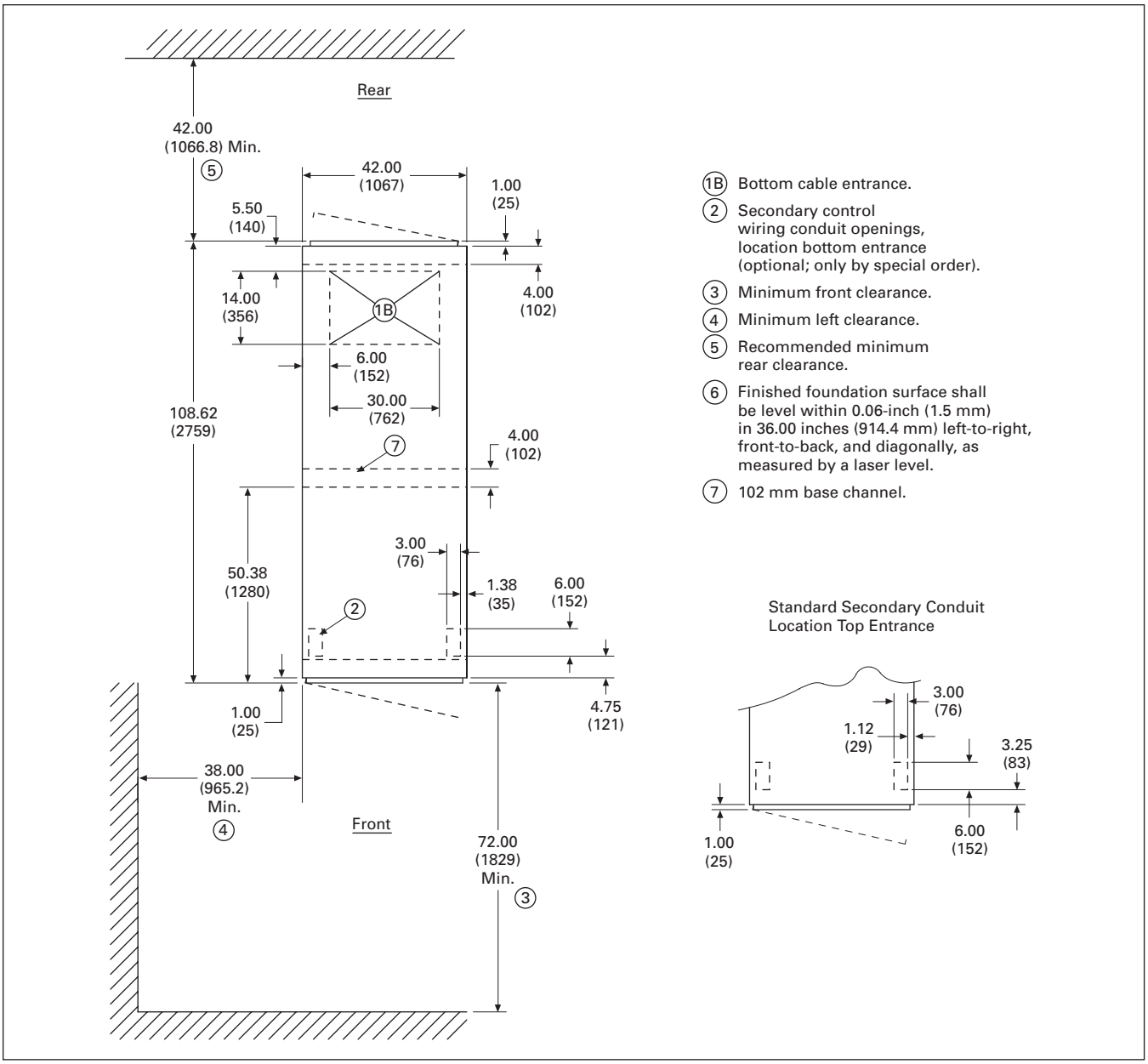


Figure 5.5-70. Typical Arc-Resistant Switchgear Floor Plan—27 kV

Typical Application Layouts

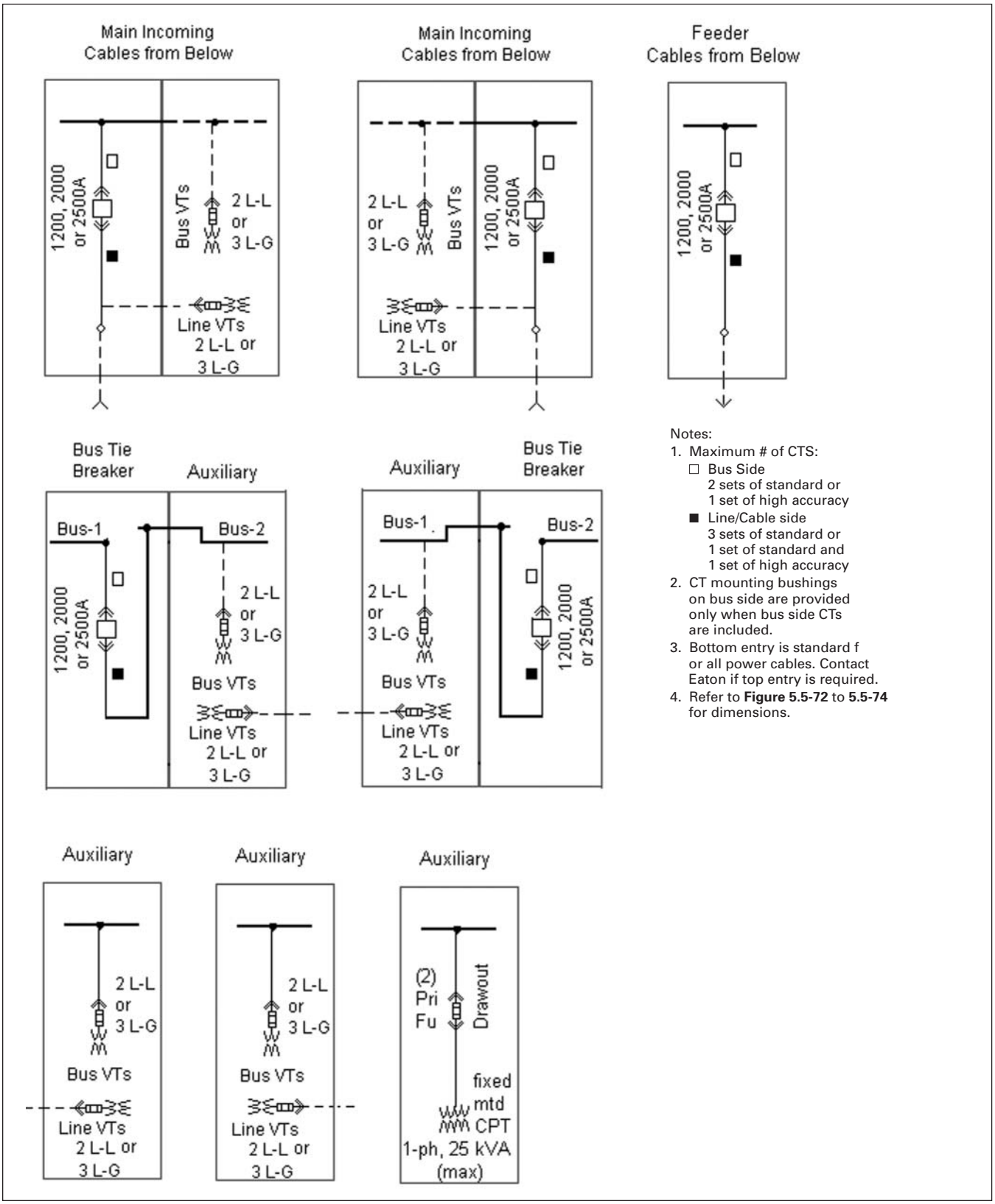


Figure 5.5-71. Typical Arc-Resistant Switchgear Application Layouts—38 kV

Available Configurations

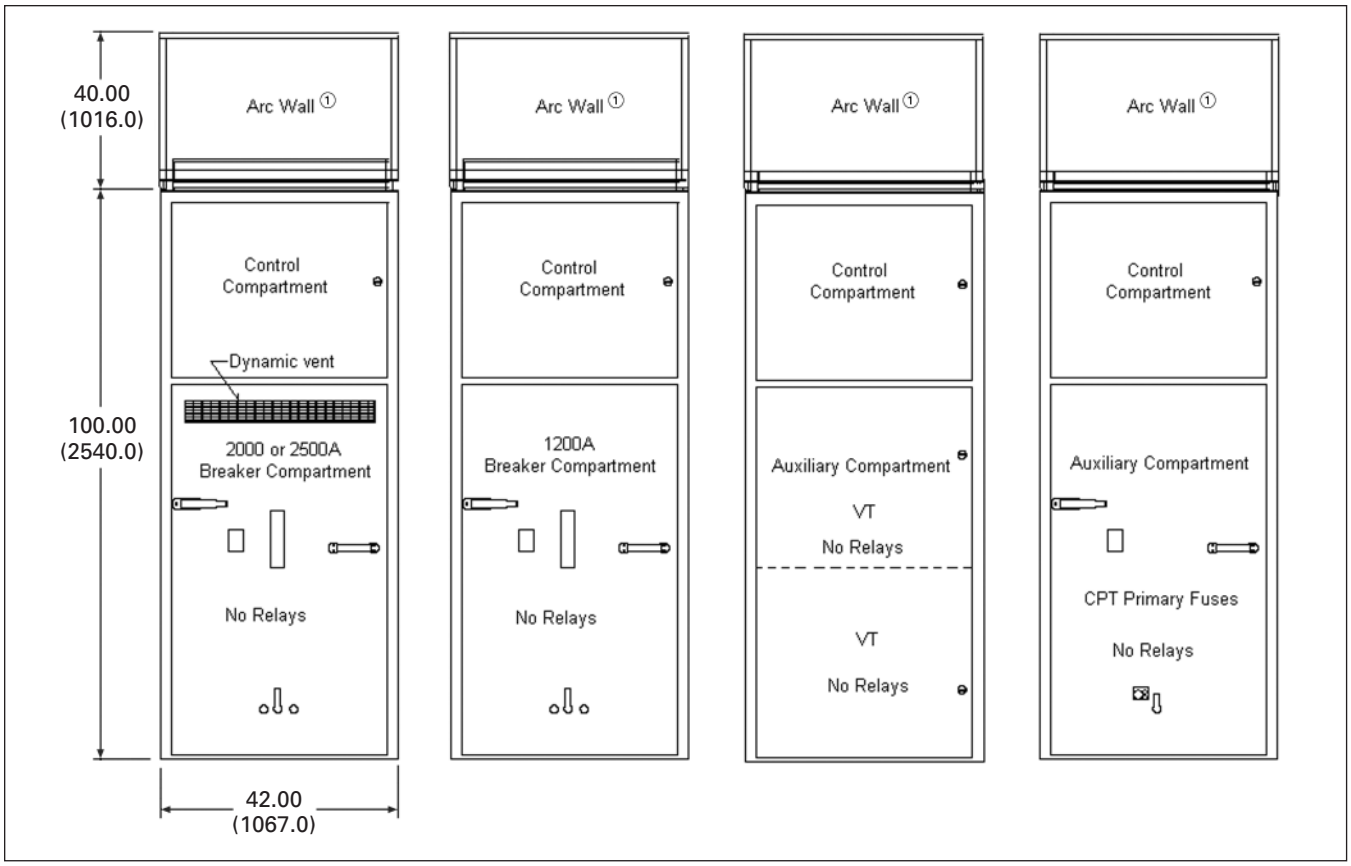


Figure 5.5-72. Available Arc-Resistant Switchgear Application Layouts (Front Views)—38 kV

① Please note that an additional 48.00-inch (1219.2 mm) clearance is required above the arc wall for arc exhaust.

Typical Weights in Lbs (kg) ②

Table 5.5-16. Assemblies (Less Breakers)

Type of Vertical Section	Main Bus Rating Amperes	Indoor Structure
Breaker cell	1200 2000 2500 3000	3500 (1589) 3700 (1680) 4000 (1816) 4000 (1816)
Auxiliary cell	1200 2000 2500 3000	3000 (1362) 3200 (1453) 3500 (1589) 3500 (1589)

② Refer to **Table 5.5-12** for breaker weights.

Typical Sectional—Dimensions in Inches (mm)

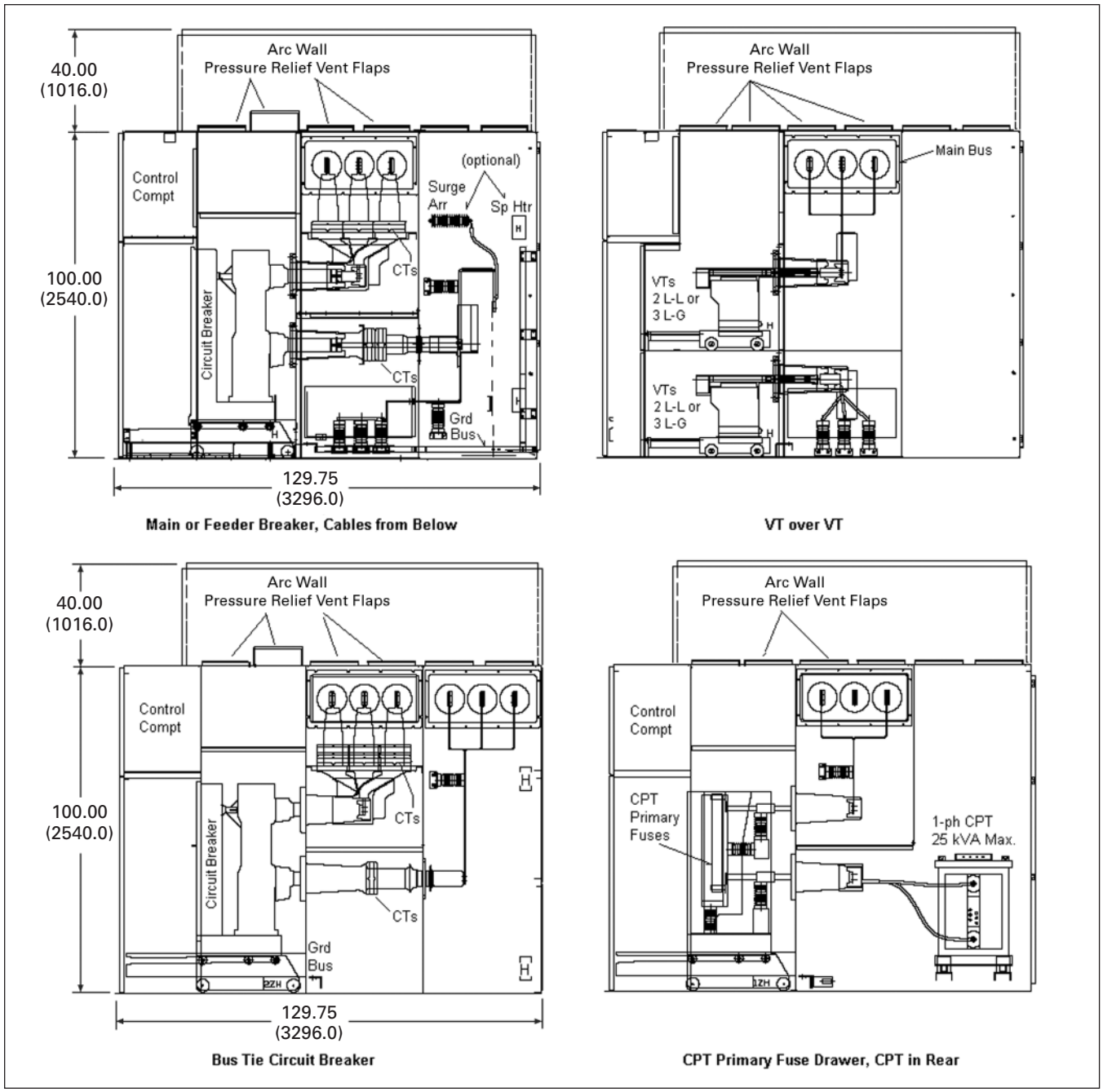


Figure 5.5-73. Typical Arc-Resistant Switchgear Sectional (Side Views)—38 kV

Typical Floor Plan—Dimensions in Inches (mm)

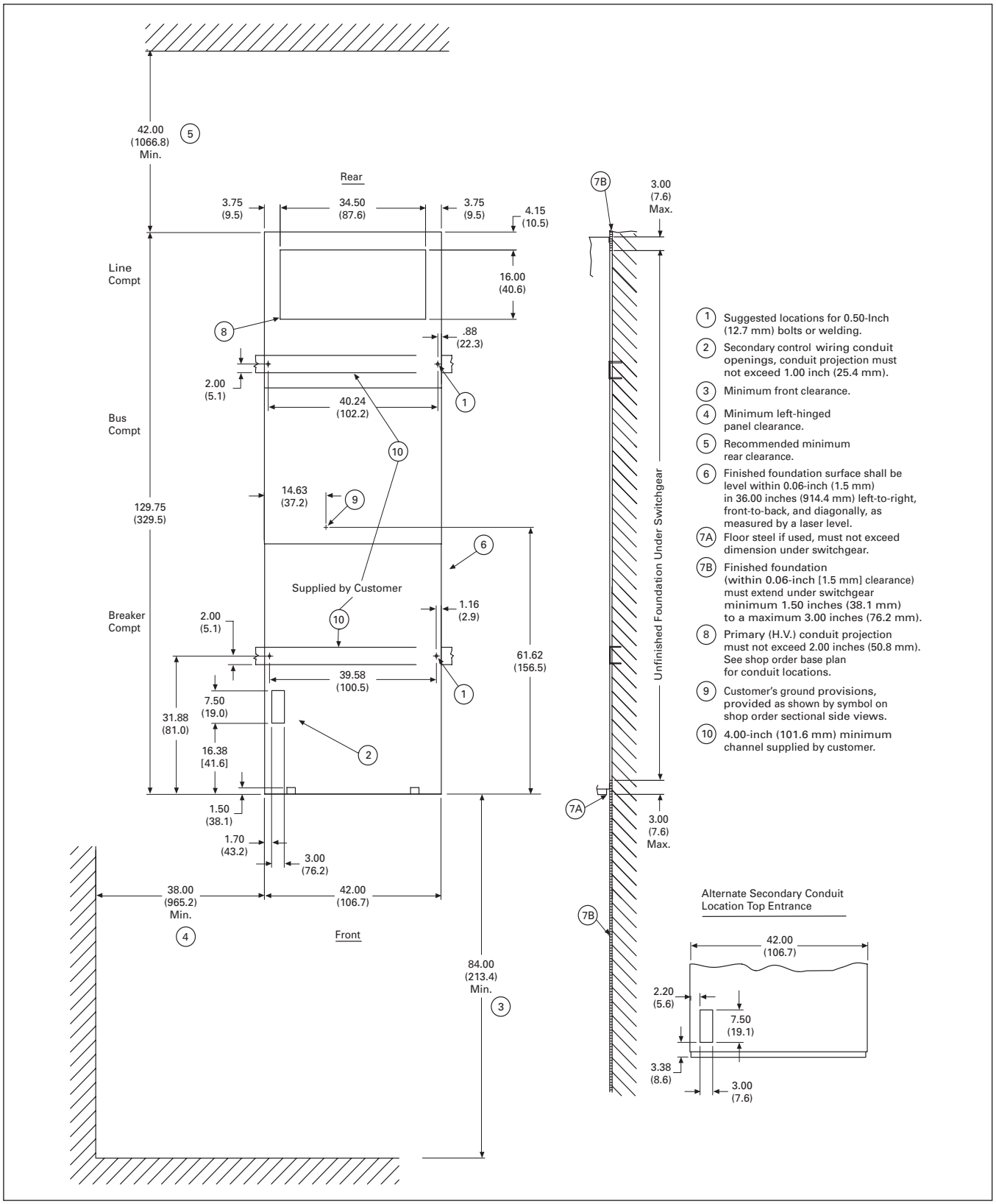


Figure 5.5-74. Typical Arc-Resistant Switchgear Floor Plan—38 kV

Arc Exhaust Wall—for 27 and 38 kV Switchgear

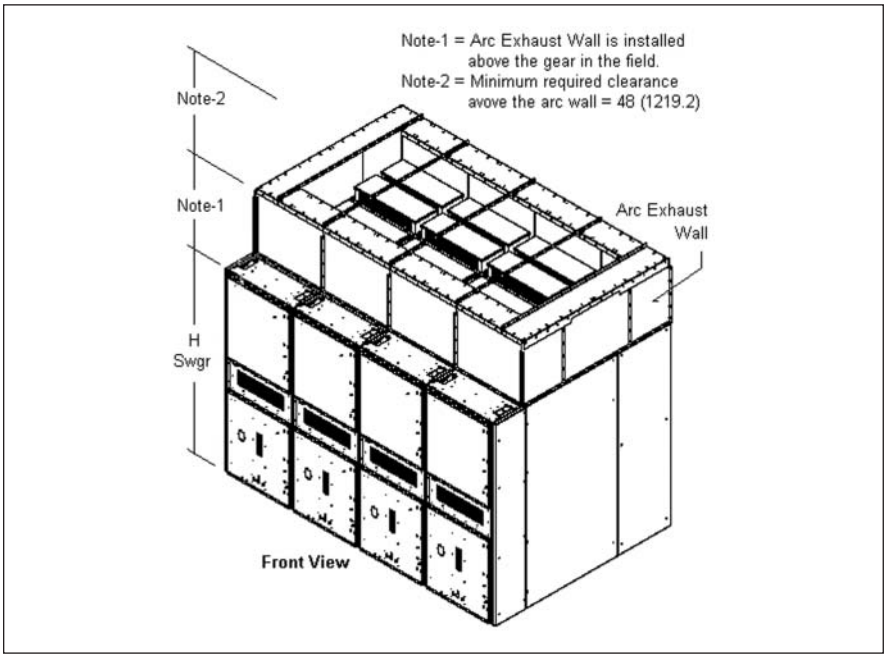


Figure 5.5-75. Arc Exhaust Wall Above the Switchgear

Arc Exhaust wall **Figure 5.5-75** is supplied as standard for all 27/38 kV arc-resistant switchgear. The arc exhaust wall must be field installed above the switchgear. Note minimum 48.00-inch (1219.2 mm) ceiling clearance is required above the arc exhaust wall for proper venting of the arc exhaust. All 5/15 kV arc-resistant switchgear is provided with arc exhaust chamber (plenum). It is also installed in the field. When using arc exhaust chamber, minimum ceiling clearance required above the arc exhaust chamber (plenum) is equal to that needed for field installation of the chamber. Eaton recommends minimum 18.00-inch (457.2 mm). Refer to **Figures 5.5-77** and **5.5-78** for typical arc exhaust chamber (plenum) and arc duct exit arrangements for arc-resistant switchgear installed inside an electrical room and inside an outdoor house.

Arc Exhaust Chamber (Plenum) with Arc Duct Exit—for 5 and 15 kV Switchgear

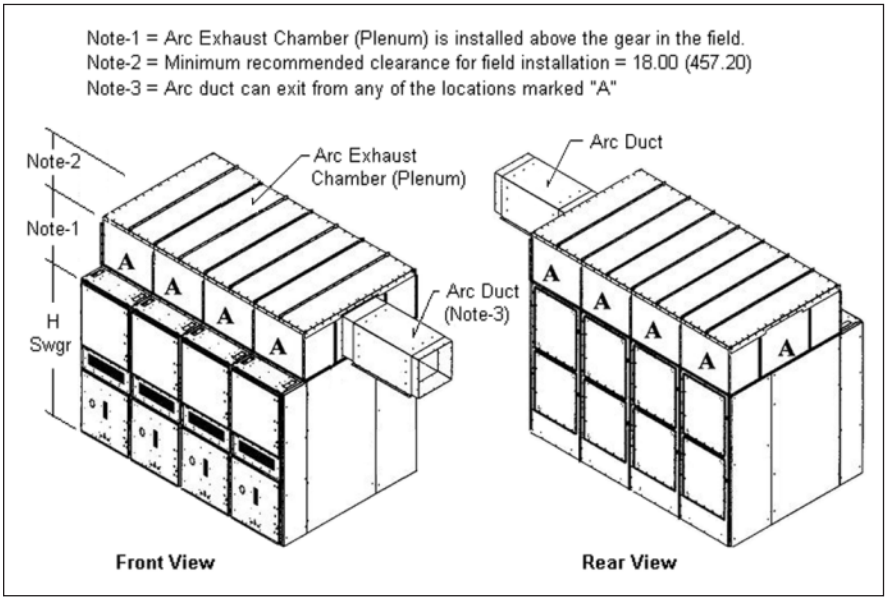


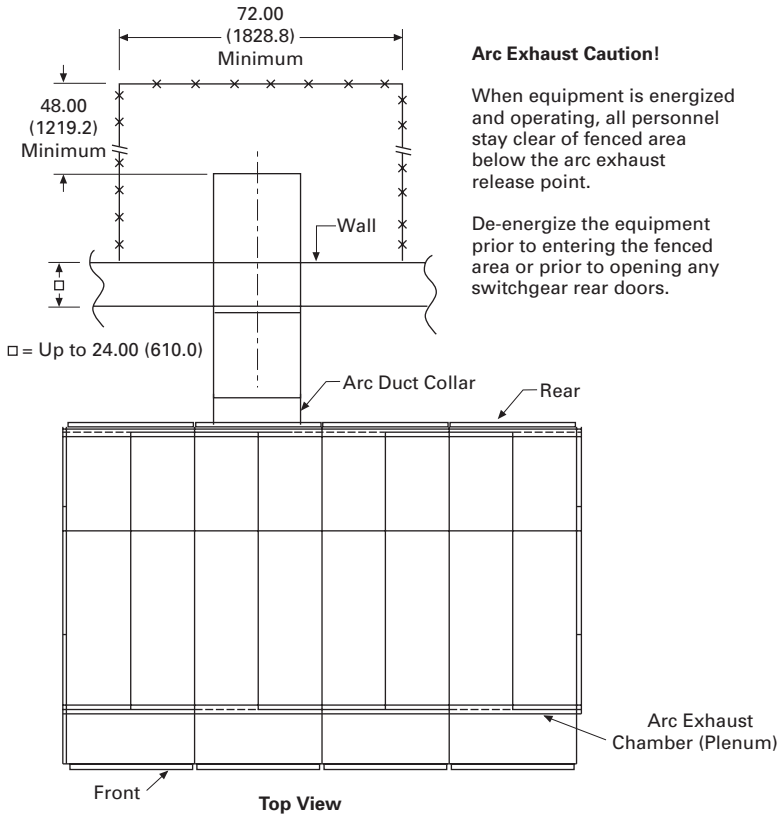
Figure 5.5-76. Arc Exhaust Chamber (Plenum) with Arc Duct Exit Above the Switchgear

Note: APPLICABLE TO ALL ARC-RESISTANT SWITCHGEAR:

For switchgear with enclosure arc ratings of up to 41 kA rms symmetrical, minimum two vertical sections and one arc duct exit is required.

For switchgear with enclosure arc rating of 50 kA rms symmetrical or higher, minimum three vertical sections and two arc duct exits are required.

Typical Layout—Dimensions in Inches (mm)



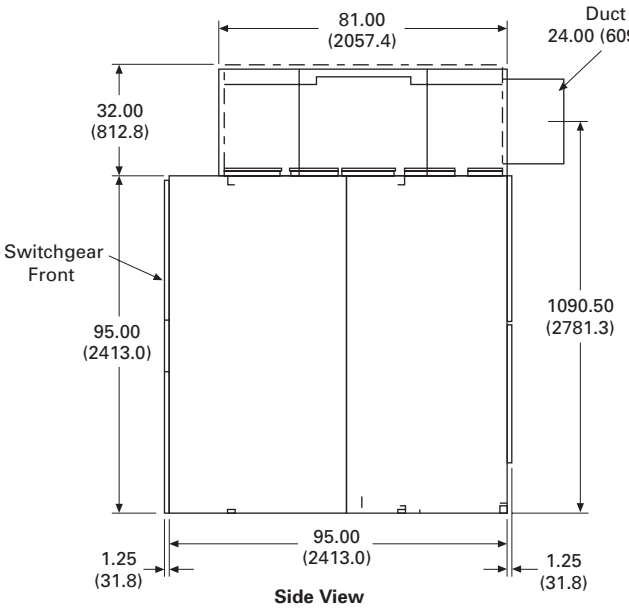
Top View

Typical 5/15 kV Arc-Resistant Switchgear Lineup

Arc Exhaust Caution!

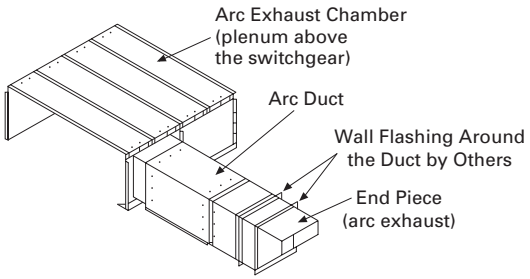
When equipment is energized and operating, all personnel stay clear of fenced area below the arc exhaust release point.

De-energize the equipment prior to entering the fenced area or prior to opening any switchgear rear doors.



Side View

Typical 5/15 kV Arc-Resistant Switchgear



Arc Plenum with Arc Duct Exit
(Partial View)

Figure 5.5-77. Typical Layout of 5/15 kV Arc-Resistant Switchgear Inside Electrical Room and Outside Minimum Exhaust Area

Typical Layout (Continued)

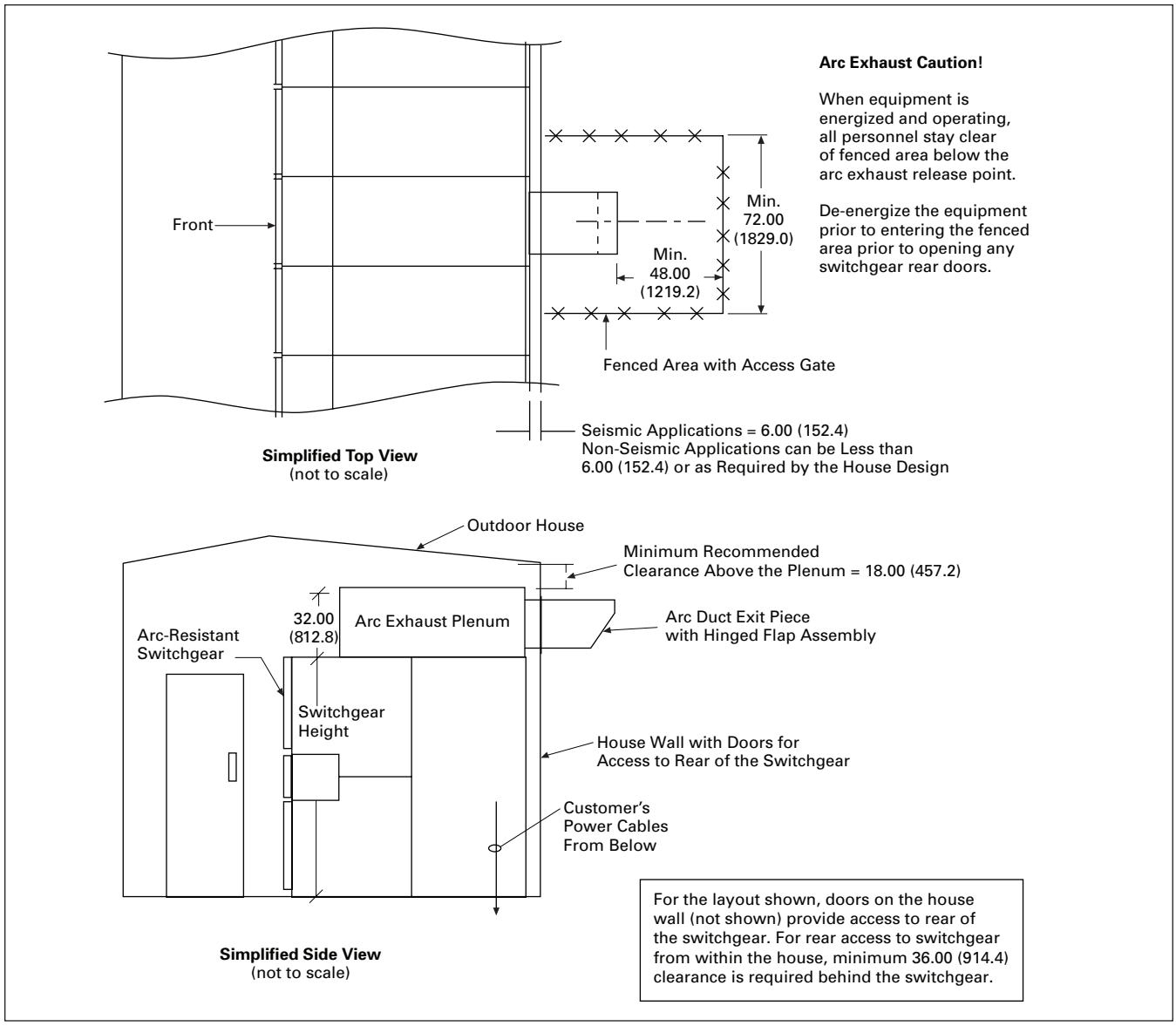


Figure 5.5-78. Typical Layout of 5/15 kV Arc-Resistant Switchgear Inside an Outdoor House (Electrocenter)

SEL-787 Transformer Protection Relay

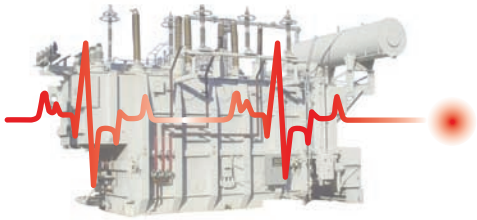


SEL Synchrophasors

SEL Advances the State of the Art in Transformer Protection

- **Synchrophasors** detect system oscillations and potential instability.
- **Mirrored Bits® communications** is ideal for teleprotection and remote control applications.
- **Flexible communications** make control integration fast and easy.
- **Small form factor** speeds new installations and retrofits of electromechanical relays.
- **Commissioning Assistant** is the first transformer relaying software that recommends correction settings after identifying errors.

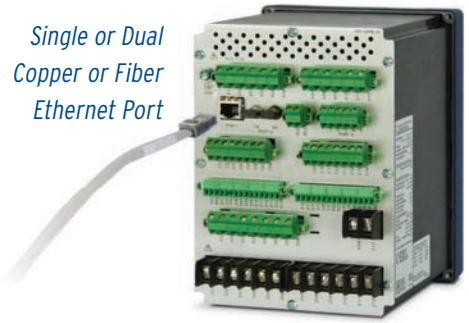
Optimize the Life of Your Transformers by Monitoring Key Health Indicators



Cumulative Through-Fault Current Recording Measurement and Logic Input

Flexible Communications

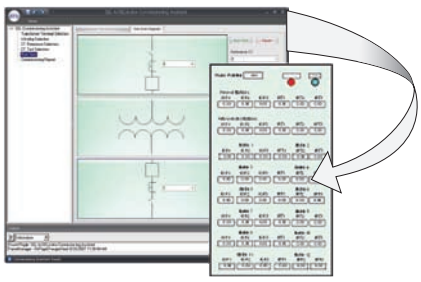
Single or Dual Copper or Fiber Ethernet Port



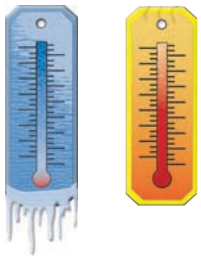
Three or Four Serial Ports*

*Optional

Use *Commissioning Assistant* to Easily Generate Differential Compensation Settings



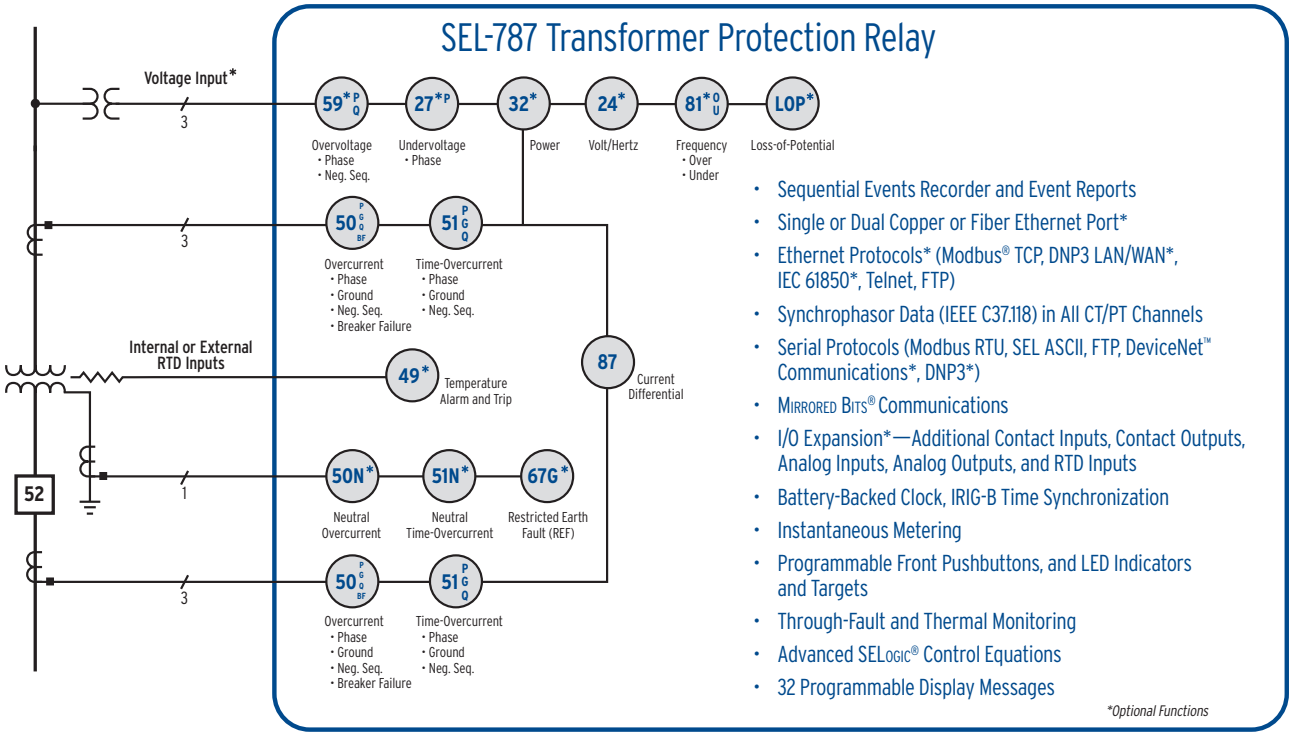
Industry-Leading Quality, Reliability, and Customer Service



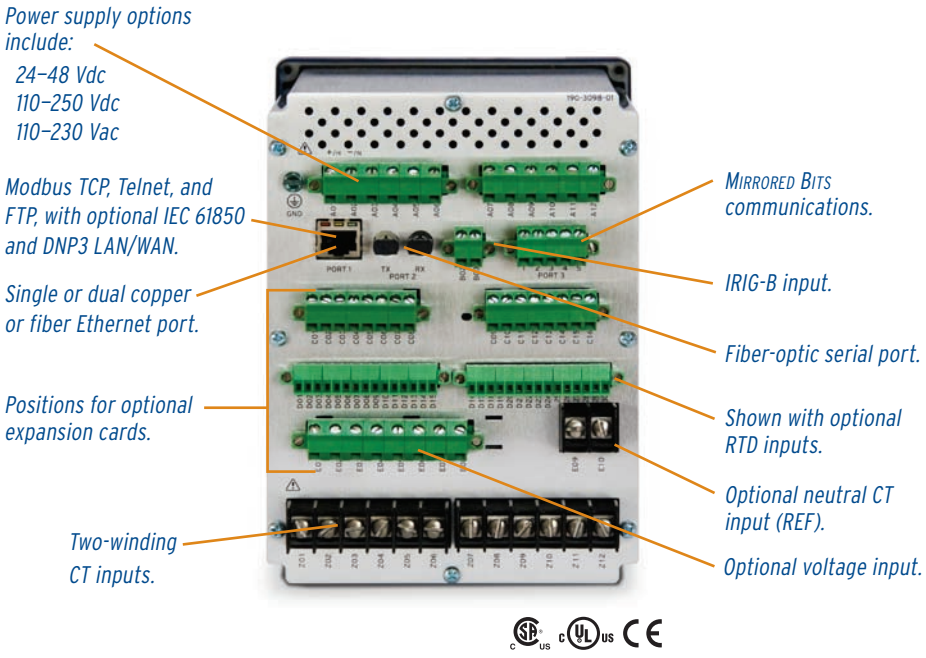


Making Electric Power Safer, More Reliable, and More Economical®

Functional Overview



Feature Overview



Ordering Options

- CPU Board
  - Single or dual copper or fiber Ethernet port
  - EIA-232 or EIA-485 rear port
  - IRIG-B input
- Optional Expansion Cards
  - 3 digital inputs/4 digital outputs/4–20 mA analog output
  - 4 digital inputs/4 digital outputs (electromechanical)
  - 4 digital inputs/4 digital outputs (fast, high-current interrupting)
  - 4 analog inputs/4 analog outputs
  - EIA-232 or EIA-485 serial communication
  - EIA-485 DeviceNet communication
  - 8 digital inputs
  - 10 RTD inputs
  - Neutral ac current input
  - Neutral ac current input/three-phase ac voltage (300 Vac) input
- Conformal Coating

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SEL-751 Feeder Protection Relay



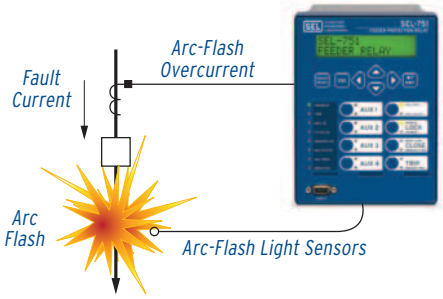
Choose the SEL-751 for feeder overcurrent protection with optional directional overcurrent, arc-flash detection, and Arc Sense™ technology.

SEL IEC 61850 SEL Synchrophasors®

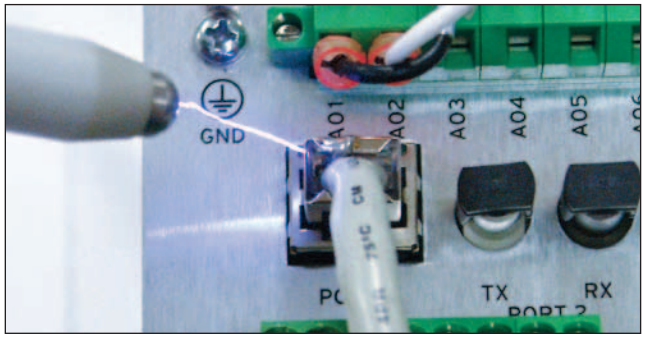
Detect High-Impedance Faults With Arc Sense Technology



High-Speed Arc-Flash Detection Improves Safety



Substation-Hardened Ethernet



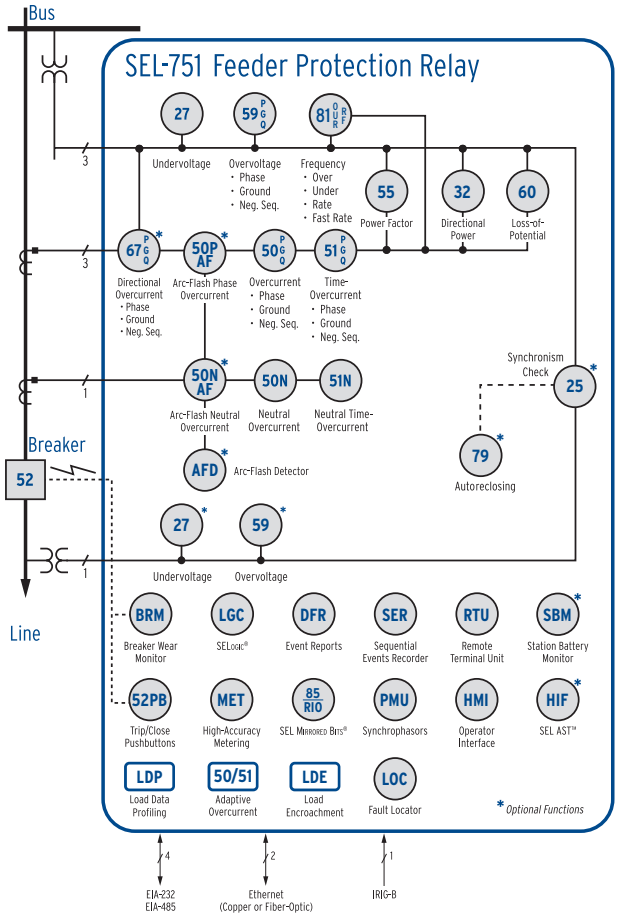
Industry-Leading Quality, Reliability, and Service





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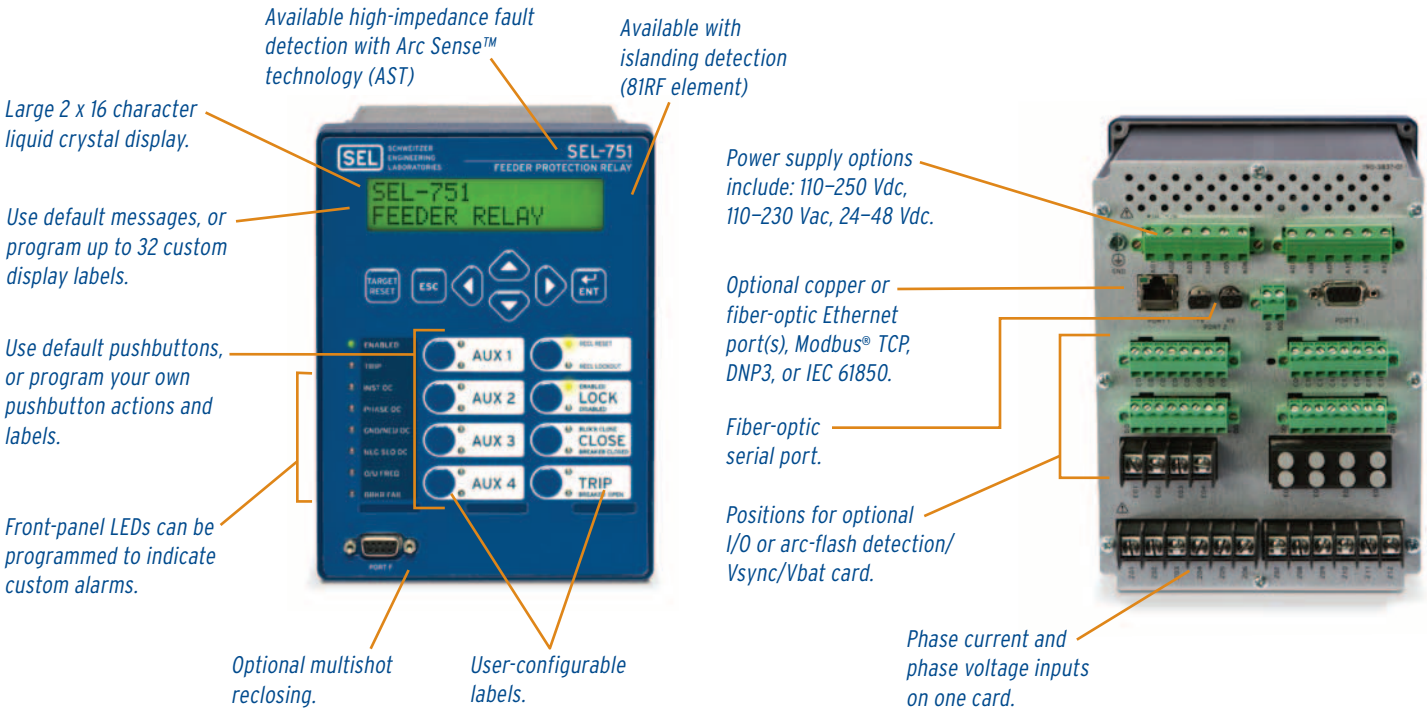
Functional Overview



Ordering Options

- Single or dual, copper or fiber-optic Ethernet port(s)
- Modbus® TCP, DNP3 serial and DNP3 LAN/WAN, FTP, and Telnet protocols
- IEC 61850
- DeviceNet™
- EIA-232 or EIA-485 communications
- Additional EIA-232 or EIA-485 port
- Analog I/O (4 AI/4 AO, 8 AI)
- Digital I/O (4 DI/4 DO, 4 DI/3 DO (2 Form C and 1 Form B), 8 DI, 8 DO, 3 DI/4 DO/1 AO)
- Vsynch and Vbat input card with four arc-flash detection inputs
- 10 RTDs
- Conformal coating for chemically harsh and high-moisture environments
- Multishot reclosing
- Arc Sense technology (AST) for high-impedance fault (HIF) detection
- Directional overcurrent

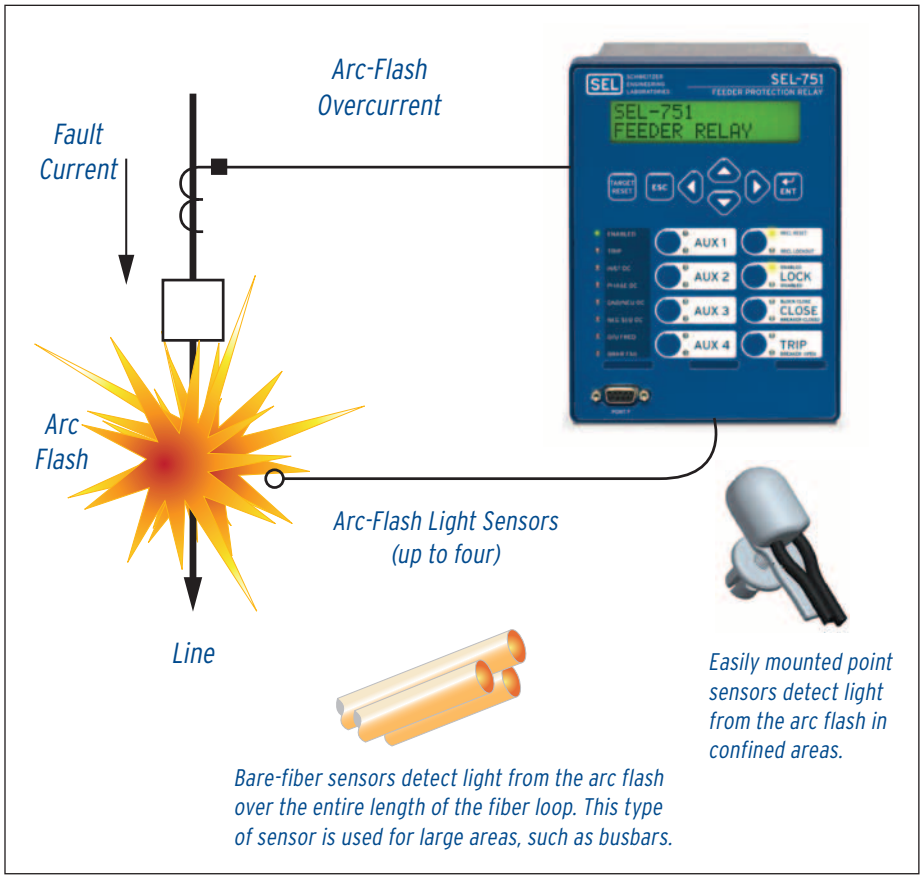
Feature Overview

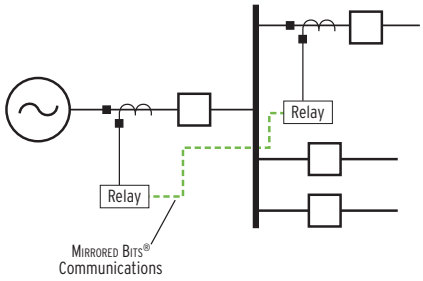


Reduce Arc-Flash Hazards

Combined light-sensing technology with fast overcurrent protection provides high-speed arc-flash detection without false tripping.

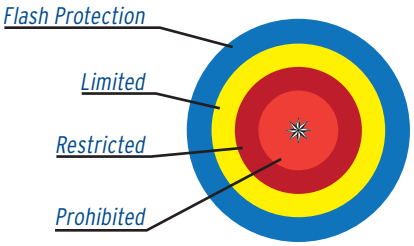
In addition to arc-flash detection, the SEL-751 provides several other methods to limit personnel exposure to arc-flash hazards. Reduce the danger of explosive arc-flash incidents by reducing the available fault current energy or removing personnel from the danger zone. Coordinate protection for faster clearing times, and stay outside the danger zone completely with wireless or remote communications.





Coordinate Protection

Use SEL Mirrored Bits® communications to coordinate upstream protection if a fault occurs. Coordination and fast-bus trip schemes allow short delays (two or three cycles) for backup protection, reducing arc-flash energy.



Stay Outside the Danger Zone

Use Ethernet or serial communications to remotely obtain metering, event, and maintenance information from the relay. Optional delayed breaker tripping or closing via pushbuttons allows personnel to move to a safe distance.

Flexible Communications

Communications Media

- Ethernet 10/100BASE-T
- Ethernet 100BASE-FX
- Single or dual Ethernet ports
- EIA-232 serial
- EIA-485 serial
- Fiber-optic, serial multimode ST®

Communications Protocols

- Mirrored Bits communications
- IEC 61850
- Modbus RTU/TCP
- DNP3 serial, LAN/WAN
- DeviceNet
- Telnet
- FTP
- Synchrophasors (IEEE C37.118)
- SNTP (Simple Network Time Protocol)


Central control room.


Field remote terminal.

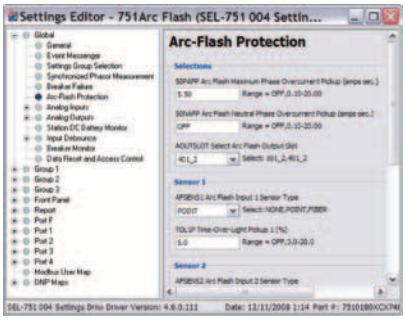

Engineering access.

SEL-751 Feeder Protection Relay

Easy to Set and Use

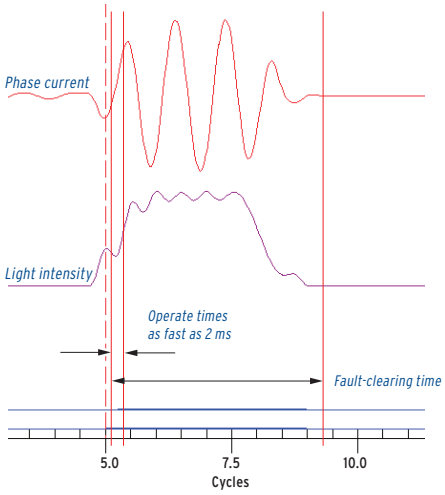
Use ACSELERATOR QuickSet® SEL-5030 Software to set, monitor, and control the SEL-751.

- Save engineering time while keeping flexibility. Communicate with the SEL-751 through any ASCII terminal, or use the ACSELERATOR QuickSet graphical user interface.
- Develop settings offline with a menu-driven interface and completely documented help screens. Speed installation by copying existing settings files and modifying application-specific items.
- Simplify the setting procedure with rules-based architecture to automatically check interrelated settings. Out-of-range or conflicting settings are highlighted for correction.



Use ACSELERATOR Software to retrieve and display event reports recorded by the SEL-751.

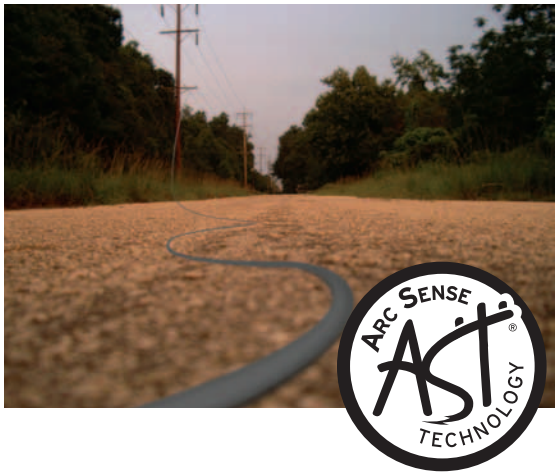
- Display event report oscillograms. View each report as a plot of magnitude versus time. Select analog and digital points to build a custom display. Analyze arc-flash events using light intensity and phase current waveforms recorded during the arc fault.
- Display phase and symmetrical component phasors. Display the phasor view of electrical data to better understand asymmetrical three-phase faults. Build a custom plot using per-phase and symmetrical component sequence currents and voltages.
- Retrieve event reports using serial or Ethernet communications links.

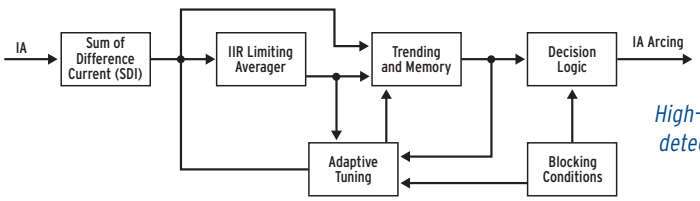


High-Impedance Fault Detection

High-impedance faults and downed conductors on poorly conductive surfaces cause fault current levels too low to be detected by conventional overcurrent protection elements. The SEL-751 with Arc Sense technology (AST) detects many high-impedance faults while maintaining secure protection.

- The SEL-751 with AST is easy to understand, set, and test. SEL offers straightforward protection algorithms with two sensitivity levels and a test mode.
- Never lose an AST event report with an event collection system that automatically transfers event reports to long-term storage. Selectable event report length of 2 to 20 minutes provides the level of detail needed to evaluate downed conductors and high-impedance events.
- Advancements in technology and innovation now make it possible to securely detect many high-impedance faults. However, it is important to educate the public of the dangers associated with downed power lines.





High-impedance fault detection algorithm.

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SEL-587Z

High-Impedance Differential Relay

Bus or Transformer High-Impedance Differential Relay



Apply the SEL-587Z Relay for single-zone bus protection, reactor protection, or sensitive restricted earth fault protection on grounded, wye-connected power transformer windings.

Features and Benefits

Protection

Use high-impedance differential elements for fast tripping for in-zone faults, while providing security during heavy through faults and CT saturation. Reduce panel design cost and space requirements by using a single relay that includes three-phase protection, resistors, and metal oxide varistors (MOVs).

Control

Use front-panel pushbuttons to save the expense of separately mounted control switches. Serial port communication provides for remote control of circuit breakers or other user-defined functions.

Reporting, Monitoring, and Metering

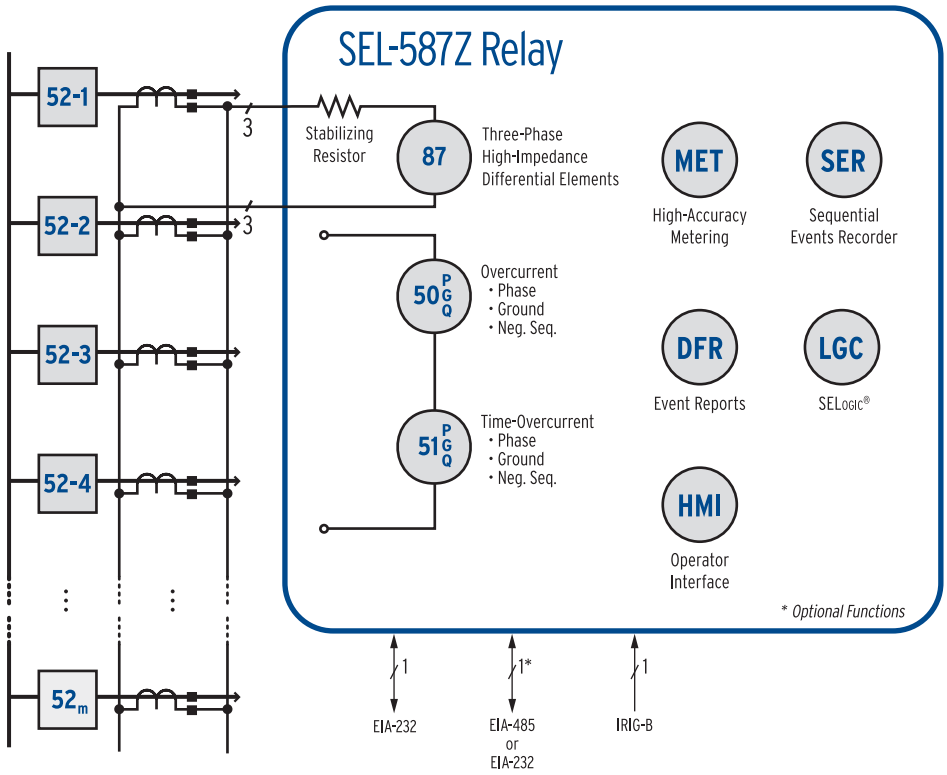
Simplify fault analysis with event reports and Sequential Events Recorder (SER). Validate CT connections using the metered voltage differential quantities.

Communications

Integrate the relay with SCADA, local HMI, or modems using Modbus®, SEL ASCII, and SEL Fast Messaging protocols through the rear-panel isolated communications port. Use the front-panel communications port for relay settings and event report retrieval.

Making Electric Power Safer, More Reliable, and More Economical®

Functional Overview



Differential Protection

The SEL-587Z Relay has three independent high-impedance elements, each with two setting levels, with all differential elements set in volts. As shown below, the faulted-circuit CT can saturate during through faults. High-impedance differential protection offers immunity against relay misoperation resulting from CT saturation, provided that the stabilizing resistor is of sufficiently high value. To comply with this requirement, the SEL-587Z Relay uses 2000-ohm resistors, large enough to provide security against CT saturation for through faults.

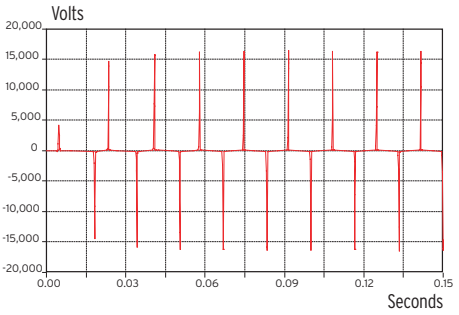
During bus faults, the voltage across the resistor can rise to unacceptably high values if not limited. MOVs in parallel with each high-impedance element clamp the secondary peak voltage to less than 2 kV.

For best performance, select current transformers with fully distributed windings and identical ratios.

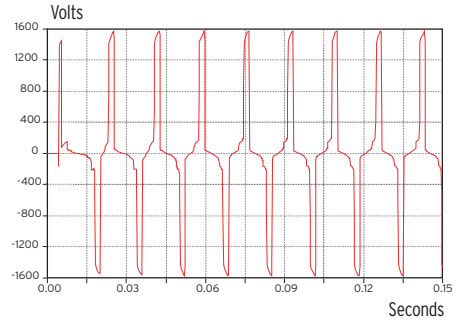
For other SEL-587Z applications that involve mismatched current transformers, contact SEL.

Use the second level of the high-impedance element as a CT open-circuit alarm by configuring the setting with a low value.

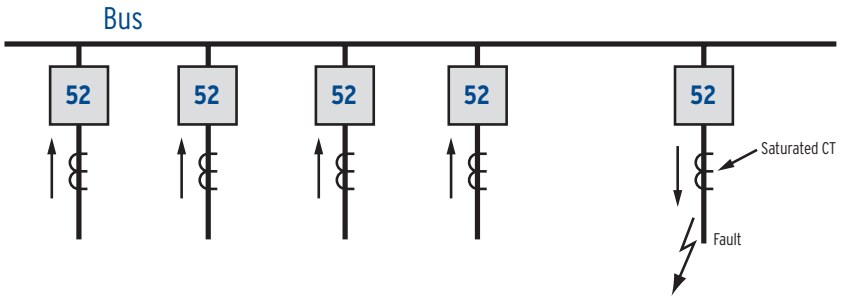
Install the SEL-587Z Relay on transformers with grounded-wye windings for sensitive restricted earth fault protection. The combination of restricted earth fault protection and overcurrent elements will protect smaller transformers where differential protection is not economical.



Voltage without MOV.



MOV-clamped voltage.



Overcurrent Protection

Overcurrent elements include a maximum-phase measurement, phase-specific elements, and negative-sequence and residual overcurrent elements. Use the independent overcurrent elements for protecting other equipment.

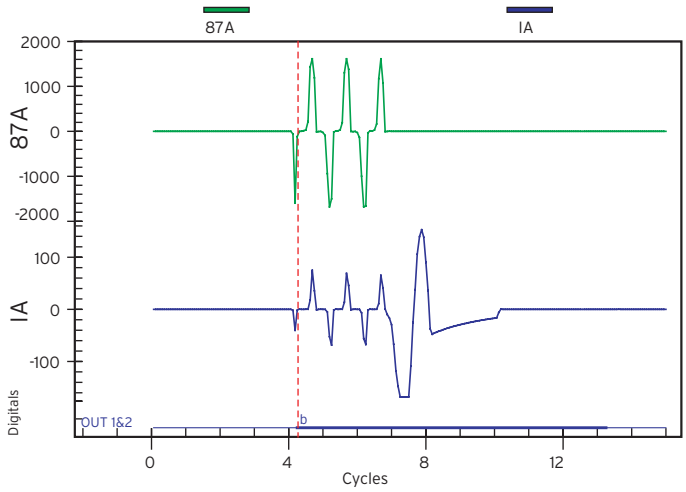
Apply the SEL-587Z overcurrent elements for transformer protection. These elements provide instantaneous overcurrent protection for bushing faults and time-overcurrent protection for coordination with other system protection.

Sequential Events Recorder

Use the time- and date-tagged sequential events messages recorded by the SEL-587Z Relay to analyze the time relationships between assertion and deassertion of logical elements within the relay.

Event Reports

Analyze faults from the event reports, which include 15 cycles of all the analog values measured in the relay as well as most of the digital information. Use ACSELERATOR Analytic Assistant® SEL-5601 Software for a graphical representation of the data.



The first trace is a high-impedance voltage—87A with maximum value about 1600 V. The second trace is a low-impedance current—IA, which represents the total current through the resistor and MOV.

Metering Functions	
Voltage 87A, 87B, 87C	Voltages from each differential element
Current IA, IB, IC, IG, 3I2	Separate phase, negative-sequence, and residual currents
Demand current IA, IB, IC, IG, 3I2	Separate phase, negative-sequence, and residual currents

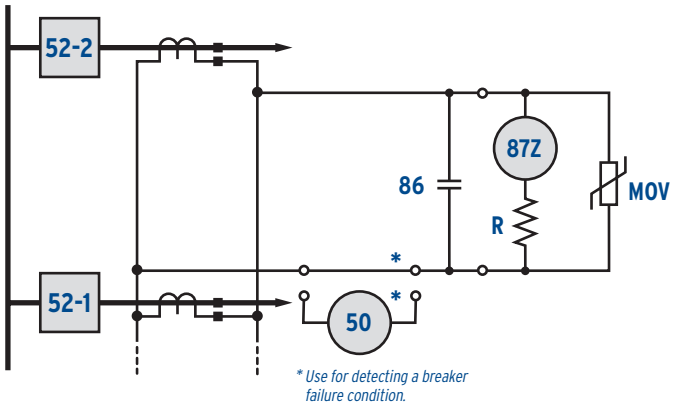
SELOGIC® Control Equations

SELOGIC control equations put relay logic in the hands of the protection engineer. Assign relay inputs to suit the application. Logically combine selected relay elements for various control functions, and assign outputs to logic functions. Eliminate traditional panel control switches with eight local control switches and RTU-to-relay wiring with eight remote control switches. Replace traditional indicating panel lights with eight programmable displays.

Applications

High-Impedance Bus Protection

Use the high-impedance elements 87A1, 87B1, and 87C1 for instantaneous high-impedance bus protection. Set the second level of the high-impedance elements—87A2, 87B2, and 87C2—to lower values to detect CT open-circuit conditions.



87Z – High-Impedance Differential Element

50 – Overcurrent Element

R – 2000 Ω Stabilizing Resistor

86 – Lockout Relay (not included)

MOV – Metal Oxide Varistor

Breaker Failure/Bus Fault Cleared Detection

Apply the 50/51 overcurrent elements in series with the high-impedance elements to detect breaker failure conditions. Following a bus fault, the lockout relay (86) contacts short out the high-impedance elements, and the entire fault current then flows through the 50/51 elements. Delay operation of the 50 element for a suitable period to give all circuit breakers time to open. An element still picked up after the time delay indicates that one or more circuit breakers have failed to open. Use the 50 elements to send a direct transfer trip command to all adjacent substations to clear the fault, or use these elements to supervise SCADA attempts to re-energize the bus.

SEL-587Z High-Impedance Differential Relay

General Specifications

High-Impedance (87A, 87B, 87C)

150 V continuous, linear to 3000 V symmetrical

Burden	2000 Ω stabilizing resistor
Range	20–800 V

MOV clamping voltage

One or two MOV option	2000 V (8 x 20 µs)
Four MOV option	1500 V (8 x 20 µs)

MOV maximum transient energy rating

One MOV—2500 J, two MOV—5000 J, four MOV—8400 J

MOV maximum continuous ac voltage rating

One or two MOV option	750 V
Four MOV option	600 V

AC Current Inputs (IA, IB, IC)

5 A nominal

15 A continuous, 500 A for 1 second, linear to 100 A symmetrical, 625 A for 1 cycle (sinusoidal waveform)

Burden	<0.16 VA @ 5 A; <1.15 VA @ 15 A
Range	0.5–80 A

1 A nominal

3 A continuous, 100 A for 1 second, linear to 20 A symmetrical, 250 A for 1 cycle (sinusoidal waveform)

Burden	<0.06 VA @ 1 A; <0.18 VA @ 3 A
Range	0.1–16 A

Frequency and Phase Rotation

60/50 Hz system frequency and ABC/ACB rotation

Output Contacts (4 plus 1 alarm)

6 A continuous carry, 30 A make per IEEE C37.90: 1989, 100 A for 1 second, 270 Vac/360 Vdc MOV for differential surge protection, pickup/dropout time: <5 ms

Breaking capacity (L/R = 40 ms, 10,000 operations): 0.75 A @ 24 V; 0.5 A @ 48 V; 0.3 A @ 125 V; 0.2 A @ 250 V

Cyclic capacity (L/R = 40 ms, 2.5 cycles per second): 0.75 A @ 24 V; 0.5 A @ 48 V; 0.3 A @ 125 V; 0.2 A @ 250 V

Optoisolated Input Ratings (2 total)

Any of the following nominal voltages: 24, 48, 125, 250 Vdc

Power Supply Ratings

24 V (polarity sensitive)	16–36 Vdc
48/125 V	36–200 Vdc or 85–140 Vac
125/250 V	85–350 Vdc or 85–264 Vac

5.5 W maximum

Serial Communications

One front-panel EIA-232 serial port, one isolated rear-panel EIA-232 or EIA-485 serial port (specify when ordering), data rate: 300, 1200, 2400, 4800, 9600, 19200, and 38400 bps

Time-Code Input

Demodulated IRIG-B accepted at rear-panel serial port

Operating Temperature

–40° to +85°C (–40° to +185°F)

Mounting Options

Horizontal rack-mount and horizontal panel-mount versions available

Production Dielectric Strength Tests

High-impedance and ac current inputs: 2500 Vac for 10 seconds

Power supply, optoisolated inputs, and output contacts: 3100 Vdc for 10 seconds



Cutaway view showing stabilizing resistors and MOVs.

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SERIES 24
INSTRUMENT AND CONTROL SWITCHES

Features



Ordering Information
Switch Diagram

- Double-Sided, Double-Wiping, Knife-Type Rotary Contacts
- Silver Contact Surfaces for Long, Reliable Life
- Terminal Screws – Easy Installation
- Four Hole Mount

Control Switch Special Features

- Spring Return to Normal (Vertical) Position

Instrument Switch Special Features

- Make-Before-Break (Shorting Contacts)
- Common Input Tap Switch Arrangement –– Sequentially Connected to Several Lines Using the Same Switching Deck
- Positive Positioning, Maintained Action Detent Mechanism

Electrical Specifications

Interrupt Ratings

- 15A/120VAC
- 4A/600VAC
- 7.5A/240VAC
- Overload Current (50 operations): 30A/125VAC Resistive
- Voltage Breakdown: 1200V rms minimum
- Insulation Resistance: 100 Megohms minimum
- Contacts Resistance: 10 milliohms maximum

Mechanical Specifications

Sections	1 to 30
Poles	1 to 60
Positions	8; Adjustable Stops for 2–8 Position Rotation
Contacts	Break-Before-Make (Non-Shorting); Make-Before-Break (Shorting)
Action	45° Positive Detent Indexing
Mounting	4-Hole
Panel Thickness	3/16" Max. Standard
Rotor Contacts	Silver Plated Phosphor-bronze, Double Grip
Stationary Contacts	Silver Plated Copper, w/Integral Screw Type Terminals
Construction	Contacts Enclosed in Molded-phenolic Disks

Approvals

- UL File No. E18174
- CSA File #LR20743

Variations

For Key Lock Handle, Key Operated Handle, Solenoid Lock Handle, Push-to-Turn, Spring Return or Waterproof Mount Switches please see page 18.

Model V21.1 – Medium Voltage Potential Transformer
Maximum System Voltage 15.5 kV, BIL 110kV full wave

AMRAN
INSTRUMENT TRANSFORMERS



c UL us E247592

- **UL and cUL Approved (File #E247592)**
- **As per ANSI/IEEE C57.13, IEC, OR relevant standard**

TABLES (Specify Catalog # and Group with the RFQ)

INSULATION LEVEL
15.5 kV, BIL 110 kV full wave

FREQUENCY
60 Hz (50 Hz upon request)

ACCURACY CLASS

0.3WXMYZ, 1.2ZZ @ 100% rated V, 120V based ANSI burden
0.3WXMYZ, 1.2ZZ @ 58% rated V, 69.3V based ANSI burden

THERMAL RATING
1500 VA @ 30 deg. C ambient
1000 VA @ 55 deg. C ambient

OUTER ENCAPSULATION
Resin Encapsulated

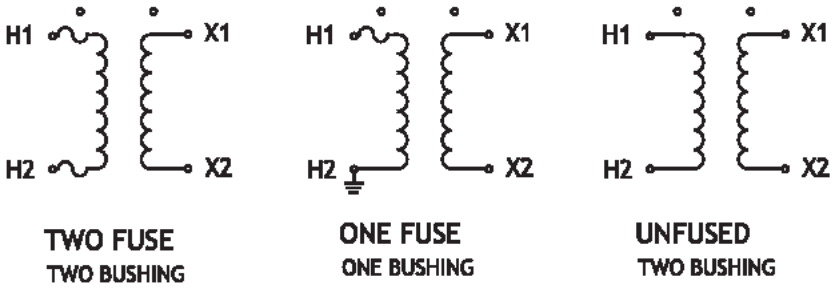
PRIMARY TERMINALS
1/4"-20 Brass screw with one flat washer and lock washer

SECONDARY TERMINALS
M5X0.8 Female Insert, with brass slotted pan head screw, two plain washers and one lock washer

APPROX. WEIGHT
90 lbs.

PLATED STEEL MOUNTING BASE

CUSTOM OPTIONS (CONTACT US)
- Different Ratios, Accuracies
- Non-standard thermal rating
- Different encapsulation
- Different secondary termination
- Special mounting needs etc.



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sales@amranit.com – www.amranit.com

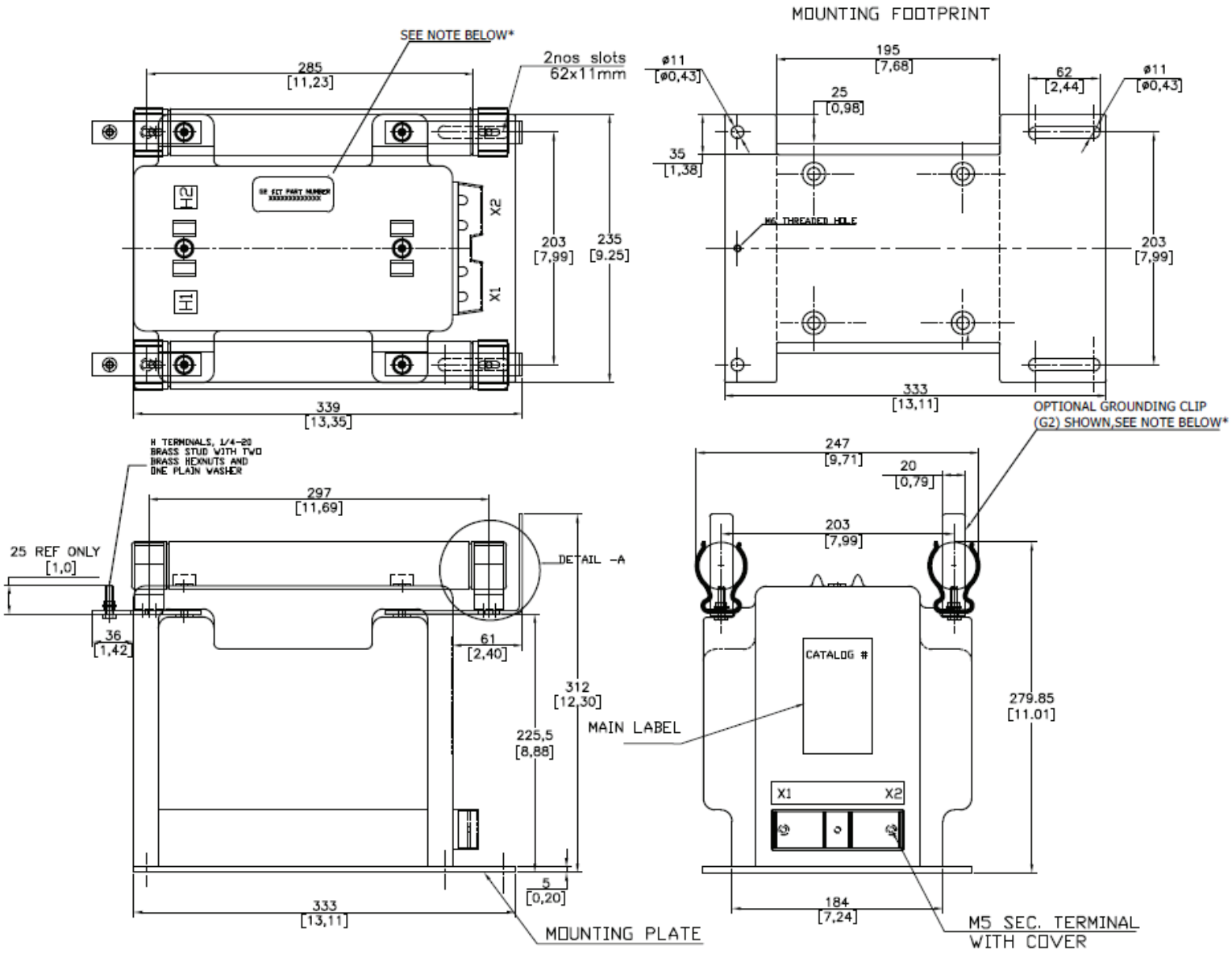
TWO BUSHING						
CATALOG # WITH FUSES	CATALOG # WITHOUT FUSES	CATALOG # WITH FUSES AND GROUNDING CLIPS	GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE
V21.1-2-242FF	*V21.1-2-242NF	V21.1-242FFG2	1	2400	20:1	120
V21.1-2-422FF	*V21.1-2-422NF	V21.1-422FFG2	1	4200	35:1	120
V21.1-2-482FF	*V21.1-2-482NF	V21.1-482FFG2	1	4800	40:1	120
V21.1-2-662FF	*V21.1-2-662NF	V21.1-662FFG2	1	6600	60:1	110-50Hz
V21.1-2-722FF	*V21.1-2-722NF	V21.1-722FFG2	1	7200	60:1	120
V21.1-2-842FF	*V21.1-2-842NF	V21.1-842FFG2	1	8400	70:1	120
V21.1-2-113FF	*V21.1-2-113NF	V21.1-113FFG2	2	11000	100:1	110-50Hz
V21.1-2-123FF	*V21.1-2-123NF	V21.1-123FFG2	2	12000	100:1	120
V21.1-2-12471FF	*V21.1-2-12471NF	V21.1-12471FFG2	2	12470	104:1	120
V21.1-2-1322FF	*V21.1-2-1322NF	V21.1-1322FFG2	2	13200	110:1	120
V21.1-2-1382FF	*V21.1-2-1382NF	V21.1-1382FFG2	2	13800	115:1	120
V21.1-2-1442FF	*V21.1-2-1442NF	V21.1-1442FFG2	2	14400	120:1	120

SINGLE BUSHING						
CATALOG # WITH FUSE	CATALOG # WITHOUT FUSES	CATALOG # WITH FUSES AND GROUNDING CLIPS	GROUP	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE
V21.1-242F	*V21.1-242NF	V21.1-242FG1	4A	2400	20:1	120
V21.1-422F	*V21.1-422NF	V21.1-422FG1	4A	4200	35:1	120
V21.1-482F	*V21.1-482NF	V21.1-482FG1	4A	4800	40:1	120
V21.1-722F	*V21.1-722NF	V21.1-722FG1	4A	7200	60:1	120
V21.1-7621F	*V21.1-7621NF	V21.1-7621FG1	4A	7620	63.5:1	120
V21.1-7971F	*V21.1-7971NF	V21.1-7971FG1	4A	7970	66.4:1	120
V21.1-842F	*V21.1-842NF	V21.1-842FG1	4A	8400	70:1	120
V21.1-113F	*V21.1-113NF	V21.1-113FG1	4B	11000	100:1	110-50Hz
V21.1-123F	*V21.1-123NF	V21.1-123FG1	4B	12000	100:1	120
V21.1-12471F	*V21.1-12471NF	V21.1-12471FG1	4B	12470	104:1	120
V21.1-1322F	*V21.1-1322NF	V21.1-1322FG1	4B	13200	110:1	120
V21.1-1382F	*V21.1-1382NF	V21.1-1382FG1	4B	13800	115:1	120
V21.1-1442F	*V21.1-1442NF	V21.1-1442FG1	4B	14400	120:1	120

***Contact Amran for the unfused version drawing**

DIMENSIONS: Dimensions are in mm [inches]

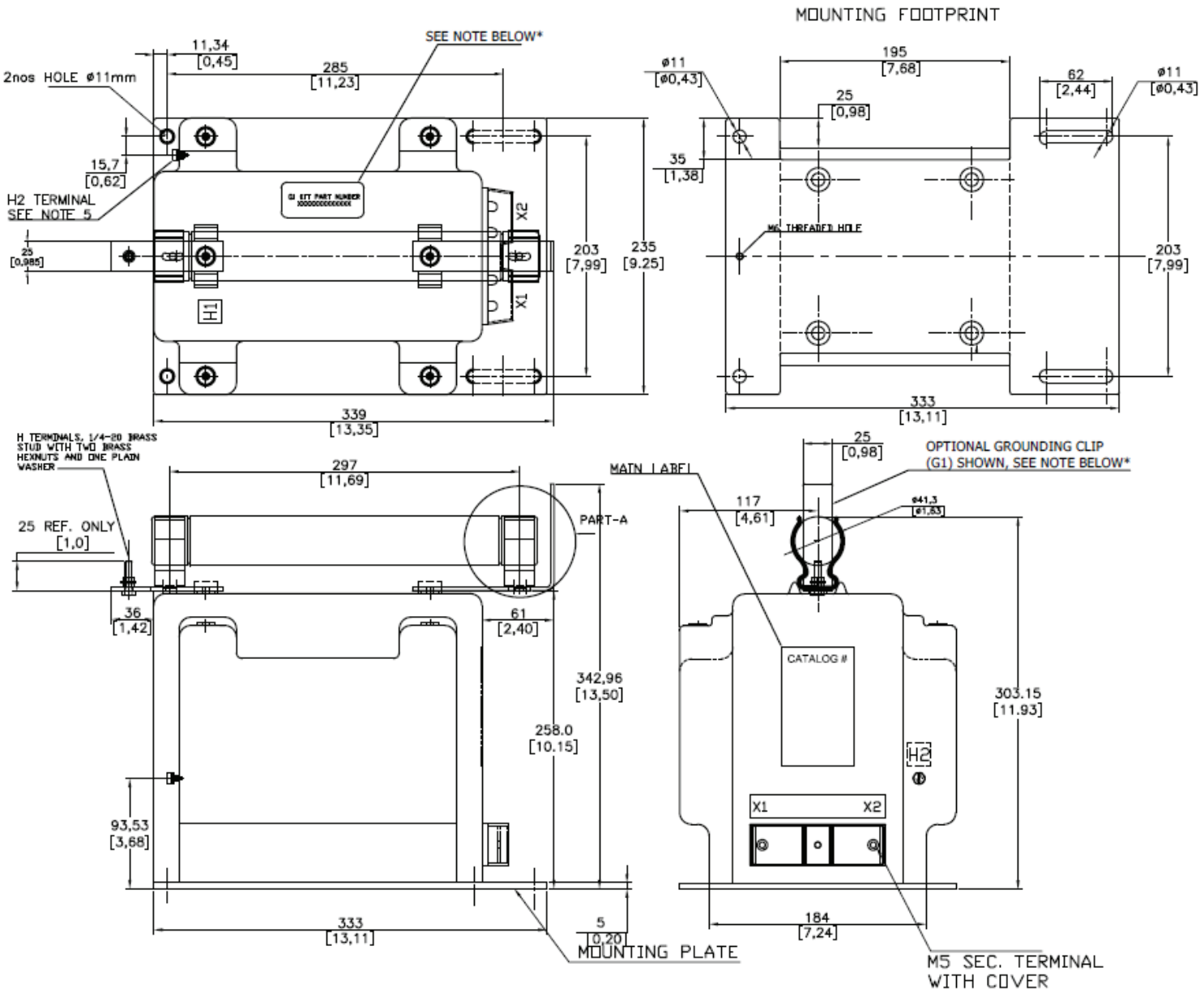
TWO BUSHING, TWO FUSE



- *Units with optional grounding clips (G2) as shown have the additional label with the corresponding G2 part number listed
- Standard Fuse:
  - 15.5kV, 1.0E fuse for primary voltages below 10kV
  - 15.5kV, 0.5E fuse for primary voltages above 10Kv
- Fuse clips accept 1.63” diameter fuses with Max. length of 12.87”
- Fuses are intended to protect the system and not the PT in the event of a failure

DIMENSIONS: Dimensions are in mm [inches]

SINGLE BUSHING, ONE FUSE



- *Units with optional grounding clips (G1) as shown have the additional label with the corresponding G1 part number listed.
- Standard Fuse:
  - 15.5kV, 1.0E fuse for primary voltages below 10kV
  - 15.5kV, 0.5E fuse for primary voltages above 10kV
- Fuse clips accept 1.63” diameter fuses with Max. length of 12.87”
- Fuses are intended to protect the system and not the PT in the event of a failure

AMRAN
INSTRUMENT TRANSFORMERS



c UL us E205113 231838

- **UL, cUL Recognized and CSA Certified**
- **As per ANSI/IEEE C57.13, IEC, OR relevant standard**

INSULATION LEVEL
600 V; BIL 10kV full wave

FREQUENCY
50-400 Hz

THERMAL RATING

600:5MR – 3000:5MR	2.0 @ 30 deg. C ambient 1.5 @ 55 deg. C ambient
4000:5MR	1.5 @ 30 deg. C ambient 1.33 @ 55 deg. C ambient

OUTER ENCAPSULATION
Plastic Cased

SECONDARY TERMINALS
Brass screw # 10-32 with one flat washer and lock washer, accessible from either side

APPROX. WEIGHT
31 lbs.

CUSTOM OPTIONS (CONTACT US)
- Different Ratios
- Non-standard thermal rating
- Different encapsulation
- Different secondary termination
- Special mounting needs

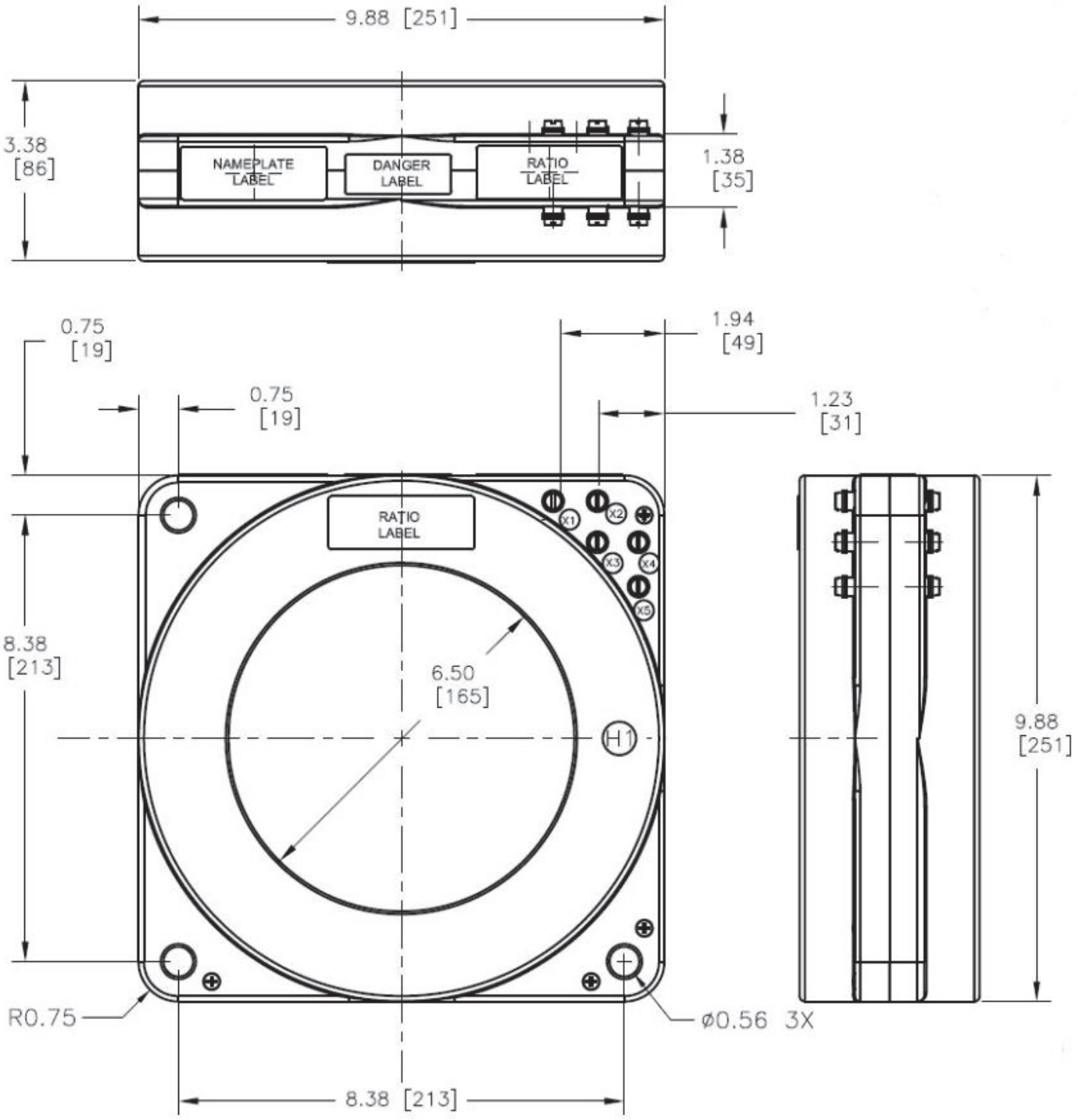
TABLES

Catalog #	Current Ratio	ANSI Relay Accuracy	ANSI Metering Accuracy (60Hz)
CT102-601MR	600:5 MR	C100	0.6B1.8
CT102-122MR	1200:5 MR	C200	0.3B1.8
CT102-202MR	2000:5 MR	C200	0.15B1.8
CT102-302MR	3000:5 MR	C200	0.15B1.8
CT102-402MR	4000:5 MR	C200	0.15B1.8

Turns				
MR	X1-X2	X2-X3	X3-X4	X4-X5
600:5	20	10	50	40
1200:5	40	20	100	80
2000:5	80	160	60	100
3000:5	200	240	60	100
4000:5	100	300	200	200

AMRAN
INSTRUMENT TRANSFORMERS

DIMENSIONS (ALL DIMENSIONS ARE IN INCHES:



EXCITATION CURVES:

Available upon request:

Revision No: 0

VIRGINIA - GEORGIA TRANSFORMER
ONE SOURCE–ONE COMMITMENT



CITY OF CRETE
Doane Substation Transformer

Proposal #: M232405A | 26 June 2023

Customer Contact Information
Doane Substation Transformer
CITY OF CRETE
C/O TOM OURADA
1111 LINCOLN MALL
LINCOLN, NE 68333-0086
402-474-5160

VTC Contact Information
PPU CENTRAL
540-682-6618
chad_kraml@vatransformer.com

220 Glade View Drive, NE Roanoke, 24012
Phone:540-345-9892 Fax:540-342-7694
www.vatransformer.com

VIRGINIA - GEORGIA TRANSFORMER
ONE SOURCE–ONE COMMITMENT

SECTION 00430

BID BOND (PENAL SUM FORM)

Bidder	**Surety**
Name: Virginia Transformer Corp **Address** *(principal place of business)*: 220 Glade View Dr. NE Roanoke, VA 24012-6470	**Name:** Travelers Casualty and Surety Company of America **Address** *(principal place of business)*: One Tower Square Hartford, CT 06183
Owner	**Bid**
Name: City of Crete **Address** *(principal place of business)*: 601 P Street, Suite 200 Lincoln, NE 65808	**Project** *(name and location)*: Doane Substation Transformer Installed on the Doane University Campus, Crete, Nebraska - 34.5kV:13.8kv-Y/7970V, 10/12.5/14 ONAN/ONAF @55 degrees C, 11.2/14/15.8 ONAN/ONAF/ONAF @ 65 degrees C, Z.7-5%. Quote #M232405A **Bid Due Date:** June 29, 2023

Bond

Penal Sum: 5.00% Five Percent of Amount Bid

Date of Bond: June 29, 2023

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

Bidder	**Surety**
Virginia Transformer Corp *(Full formal name of Bidder)*	Travelers Casualty and Surety Company of America *(Full formal name of Surety) (corporate seal)*
By: _____ *(Signature)*	**By:** _____ *(Signature) (Attach Power of Attorney)*
Name: Jim QIAN *(Printed or typed)*	**Name:** Elizabeth A. Dyer *(Printed or typed)*
Title: Director of Treasury	**Title:** Attorney-in-Fact
Attest: _____ *(Signature)*	**Attest:** _____ *(Signature)*
Name: Cairessa Nicholson *(Printed or typed)*	**Name:** Amanda E. Smith *(Printed or typed)*
Title: Contract Specialist	**Title:** Witness

Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.

1. **Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.**

EJCDC® C-430, Bid Bond (Penal Sum Form).
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2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.

3. This obligation will be null and void if:

   3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or

   3.2. All Bids are rejected by Owner, or

   3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).

4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions does not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.

6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.

7. Any suit or action under this Bond will be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.

9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.

10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.

11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

END OF SECTION

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TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Elizabeth A. Dyer of Roanoke , VA , their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge the following bond:

Surety Bond No.: Bid Bond
OR
Project Description: Doane Substation Transformer Installed on the Doane University Campus, Crete, Nebraska - 34.5kV-13.8kv-Y/Y/Δ70V, 10/12.5/14 ONAN/ONAF @55 degrees C, 11.2/14/15.8 ONAN/ONAF/ ONAF @ 65 degrees C, Z 7-5%. Quote #M232405A

Principal: Virginia Transformer Corp
Obligee: City of Crete

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April, 2021.**

State of Connecticut

City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 29th day of June , 2023 .

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

BID FORM FOR PROCUREMENT CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—BUYER AND BIDDER

1.01 This Bid is submitted to:

City of Crete, Crete, Nebraska

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Procurement Contract with Buyer in the form included in the Procurement Bidding Documents, and to furnish the Goods and Special Services as specified or indicated in the Procurement Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Procurement Bidding Documents.

ARTICLE 2—BASIS OF BID

2.01 *Lump Sum Bids*

A. Bidder will furnish the Goods and Special Services in accordance with the Procurement Contract Documents for the following Procurement Contract Price(s) for Doane Substation Transformer:

1. Lump Sum Bid Price - Transformer

BID LUMP SUM	$876,669.00

ARTICLE 3—TIME OF COMPLETION

3.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule of Procurement Contract Times set forth in Article 2 of the Procurement Agreement.

3.02 Bidder accepts the provisions of the Procurement Agreement as to liquidated damages.

ARTICLE 4—ATTACHMENTS TO THIS BID

4.01 The following documents are attached to and made a condition of this Bid:

A. Required Bid security in the form prescribed in the Instructions to Bidders.

B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids.

C. Equipment Data Sheets.

D. Required Bidder Qualification Statement with supporting data.

E. Technical information required for comparative evaluation as described in Instruction to Bidders, and more specifically in Specifications.

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ARTICLE 5—BIDDER'S ACKNOWLEDGMENTS

5.01 Bidder accepts all terms and conditions of the Instructions to Bidders. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period that Bidder may agree to in writing upon request of Buyer.

5.02 Bidder has examined and carefully studied the Procurement Bidding Documents, the related data identified in the Procurement Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
1	May 25th, 2023

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents that:

1. Bidder has examined and carefully studied the Procurement Contract Documents.
2. If required by the Instructions to Bidders to visit the Point of Destination and the site where the Goods are to be installed or Special Services will be provided, or if, in Bidder's judgment, any observable local or site conditions may affect the delivery, cost, progress, or furnishing of the Goods and Special Services, then Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided (as applicable) and become familiar with and is satisfied as to the observable local and site conditions that may affect delivery, cost, progress, and furnishing of the Goods and Special Services.
3. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect the cost, progress, and performance of Seller's obligations under the Procurement Contract.
4. Bidder has carefully studied, considered, and correlated the information known to Bidder with respect to the effect of such information on the cost, progress, and performance of Seller's obligations under the Procurement Contract.
5. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Procurement Contract Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
6. The Procurement Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance of Seller's obligations under the Procurement Contract.
7. The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of the Bidding Requirements, that without exception the Bid (including all Bid prices) is premised upon furnishing the Goods and Special Services as required by the Procurement Contract Documents.

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6.02 *Bidder's Certifications*

A. Bidder certifies that:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

3. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Procurement Contract. For the purposes of this Paragraph 6.02.A.4:

   a. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;

   b. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;

   c. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

   d. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

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This Bid is offered by:

Bidder:

Virginia Transformer Corporation

(typed or printed name of organization)

By: _____

(individual's signature)

Date: 6/26/2023

(date signed)

Name: Joshua Yun

(typed or printed)

Title: Vice Pres. of Sales

(typed or printed)

(If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____

(individual's signature)

Title: Jim Qian, Director of Treasury

(typed or printed)

Address for giving notices:

220 Glade View Drive, NE Roanoke, VA 24012

Designated Representative:

Name: Chad Kraml

(typed or printed)

Title: Sales Engineer

(typed or printed)

Address:

220 Glade View Drive, NE Roanoke, VA 24012

Phone: 540-682-6618

Email: Chad_Kraml@vatransformer.com

License No.: N/A

Classification: N/A

Limitation: N/A

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Virginia Transformer Corporation

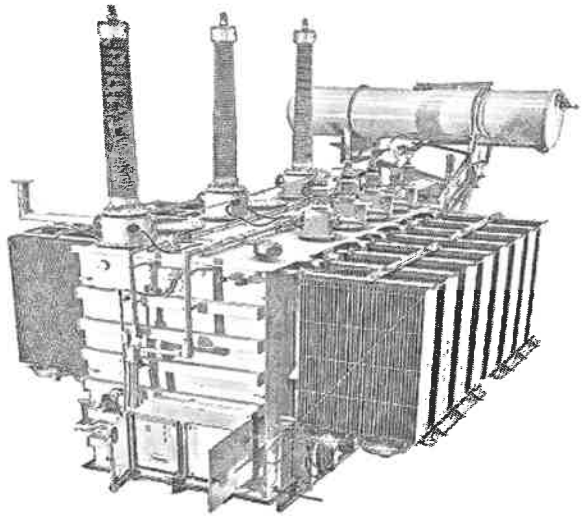
This document contains Virginia Transformer Corp proprietary information and may not be copied or disclosed to others without written consent form Virginia Transformer Corp.

For over 50 years, innovative technology and a commitment to superior customer service and support has established Virginia Transformer Corp(VTC) as an engineering company leading in manufacturing a variety of transformers.

VTC designs and manufactures custom power transformers ranging from 500 KVA to 400 MVA, 500 kV class (core type) and up to 1400 MVA, 500 kV class (shell type), and dry-type units up to 15000 KVA, 35 kV.

VTC has design and manufacturing facilities in Roanoke, VA, Pocatello, ID, Chihuahua, Mexico and Georgia Transformer in Rincon GA. In addition, VTC has design and procurement capabilities in Delhi, India, establishing a world-wide presence as a supplier of transformer solutions. VTC reserves the right to manufacture the product quoted herein at VTC owned or affiliated plants in North America.

ISO 9001
"The Commitment Company"



Commercial Summary

Base Price

Item	Description	Qty	Unit Price (USD)	Extended Price (USD)
1	10,000 / 11,200 / 12,500 / 14,000 kVA | 34.5 - 13.8 kV	1	$876,669	$876,669

Tax Certificates Requirement

Upon acceptance of our proposal, the purchaser is required to submit a sales tax exemption certificate with the Purchase order, otherwise VTC will charge appropriate state taxes based on the destination.

Price Policy

In the event of customer delay on a job quoted with a firm price and shipment date, VTC/GTC will apply the BLS Transformer Index to adjust price. The agreed firm price will be escalated with the base period being the quoted shipment date and the Settlement date being the month of shipment. Only increases in the BLS index will be considered for this calculation. Any advance payments will be credited to the final invoice. No adjustment will be applied if the transformer is completed and shipped prior to the quoted shipment date.

Validity of Quote

08/13/2023

Estimated Freight Cost

Item	Ship To	Qty	Freight Cost (USD)	Extended Freight Cost (USD)
1	Doane University, Crete, NE	1	$12,219	$12,219

VTC will quote freight at the time of shipment.

ITEM #1

Optional Pricing

Particulars	Price (USD/Per Unit)
Field Service Offloading	$15,400
Field Service Assembly & Testing	$26,400

For Witness testing, cost for travel, transportation, lodging and meals are not included in the quoted price unless otherwise noted.

Shipping

Unit Shipment By	45-50 Weeks from Order Acknowledgement date.VTC reserves the right to ship unit up to 3 months earlier than the contractual ship date.
Freight	PREPAID & ADD
Estimated Freight Cost (Per Unit)	$12,219
INCO Terms	FOB - FREE ON BOARD(Doane University, Crete, NE)
Proposed Manufacturing Location	ROANOKE, VA USA
Impact Recorder	Impact Recorder to be provided on Returnable Basis, $ 7,500 to be invoiced if not returned in 30 days after Delivery.

VTC cannot guarantee multiple units to arrive at the same time unless more than one unit can be loaded on the same truck. VTC cannot guarantee arrival dates and times at the job site. Final Lead time will be confirmed at the time of order acknowledgements

Proposed Payment Terms

30% Advance with Purchase Order
30% upon drawing submittal, net 30 days
40% invoiced at the time of Shipment or upon moving to storage, Net 30 days

Warranty

60/60 Months Extended Warranty	Includes all accessories, tank, core and coil.

To ensure validity of Warranty coverage, Virginia - Georgia Transformer requires Dissolved Gas Analysis (DGA) reports of the supplied unit to be provided every year for the period of Warranty coverage. The annual DGA's should be emailed to: FieldService@vatransformer.com

Testing - As Per IEEE ANSI 57.12.90

Routine Test	Included
Impulse Test on HV & LV	Included
Partial Discharge	Included
Power Factor	Included

All tests are as per ANSI/IEEE standard guideline. For Witness testing, cost for travel, transportation, lodging and meals are not included in the quoted price. If customer requires additional time beyond the scheduled witness test period, an additional charge of $10,000/day will apply.

Drawings

Drawings are typically supplied 14-16 Weeks after Order Acknowledgement. Actual Drawing lead time will be confirmed at the time of order Acknowledgement Only.Customer approvals of drawings are required within one week from date of submittal unless otherwise agreed to in writing by VTC-authorized representative.

Technical Summary

This proposal is Virginia Transformer's complete understanding of the specification requirements provided, and is the basis for acceptance of any resulting orders.

ITEM #1

Transformer Ratings

ITEM :1			QUANTITY #1
kVA	10,000 / 11,200 / 12,500 / 14,000	**Application**	POWER DIST.
Cooling Class	ONAN/ONAF	**Winding Temp Rise (Avg)**	55/65 °C
# Phase	3	**Dielectric Fluid**	TYPE II MINERAL
Frequency (Hertz)	60	**Winding Material**	COPPER
HV Rating (V)	34,500 DELTA	**LV Rating (V)**	13,800 Y/7,967
HV BIL (kV)	200	**LV BIL (kV)**	95
HV Tap Changer	DETC	**LV Tap Changer**	LTC
HV Taps	2 FCAN,2 FCBN @2.5 %	**LV Taps**	16 ABOVE,16 BELOW @0.625 %
Nom. Impedance	7.50 % +/- 7.50 % @ 10,000 kVA	**Noise (dBA)**	Standard NEMA TR-1
HV Bushing Mtng	Segment III, Cover Mounted	**LV Bushing Mtng**	Segment I, Side Mounted
HV Terminal Chamber	Not Applicable	**LV Terminal Chamber**	FULL ATC
HV Coil Type	DISC CIRC.	**LV Coil Type**	DISC CIRC.
Paint Color - ANSI	70	**Paint Type**	III URETHANE OVER EPOXY
Losses	Guaranteed with IEEE Tolerance		
No Load Losses	8.00 kW at 100% volts	**Load Losses**	49.00 kW @ 10,000 kVA

Mechanical Features

De-energized Manual No Load Tap Changer
Diagrammatic Name Plate
Gasketed Manhole in Cover
Panel Type Radiators
Provision for Jacking, Skidding and Lifting
Sealed Tank with Dry Nitrogen Blanket
Two Stainless Steel Ground Pads welded to Base on Diagonally Opposite Corners
Welded Top Cover

Radiators

Environment Protection	Hot Dipped Galvanized & Unpainted	**Radiator Type**	Demount Type

VTC standard radiators are Hot Dipped Galvanized and Unpainted which do not require painting. These radiators are suitable for all climatic conditions that include chemical, petro-chemical and marine conditions. Unless specified differently below, these standard, galvanized radiators will be provided.

Standard Gauges and Accessories

Gauges Details	Make
Liquid Level Gauge W/Contact	QUALITROL CORP.
Liquid Temp Gauge W/Contact	QUALITROL CORP.
Pressure Relief Device W/Contact	QUALITROL CORP.
Pressure Vacuum Gauge W/Bleeder	QUALITROL CORP.
Sudden Pressure Relay (GAS) With Seal in Relay	QUALITROL CORP.

Bushings

Bushing	kV BIL	Location	Qty / Phase	Make
HV	200	Segment III	1	HITACHI (ABB)/PCORE
LV	95	Segment I	1	HITACHI (ABB)/PCORE

Load Tap Changer

Location	On LV Winding
Make	REINHAUSEN MFG
XMFR	PREVENTIVE AUTO

NOTE: The actual voltages at various taps of the LTC shall correspond to the nearest turn in accordance with IEEE Std C57.12.00 2010 clause 9.1. This can lead to different step voltage between steps.

Ambient Conditions

Ambient Temperature(°C)	Min. -20 / Av. 30 / Max. 40
Seismic Zone	Zone 1 & 2
Altitude(Feet)	< 3,300

Unit shall be designed per the latest ANSI standards for Seismic per IEEE 693 – 2018

Dimensions and Weights

Overall & Shipping Estimated Dimensions:		
Dimension	**Overall Dimensions (Inches)**	**Shipping Dimensions (Inches)**
Width	215	215
Depth	145	145
Height	152	139
Overall & Shipping Estimated Weights:		
Weight of the Unit (Lbs)		**Shipping Weight (Lbs)**
77,500		76,875
Parts Shipped Separately:		
HV Arresters and Mounting		
HV Bushings		

Assembly of any ship separate parts is not in VTC scope unless, VTC field service assembly option is purchased or included in the base price.

Clarifications/Deviations to Specifications and Technical Notes

TECHNICAL
CLARIFICATIONS

1.) Transformer will be designed per ANSI/IEEE standards.

2.) Values of Test like Induced Voltage, SFRA, Corona and Partial Discharge shall be as applicable in ANSI standard.

3.) Accessories such as CTs or Lightning Arrestors have not been considered in this offer. If the Customer requires these items, then the Customer shall provide ratings to VTC to be considered with inherent price implication.

COMMERCIAL
CLARIFICATIONS

1.) Reference attached commercial clarifications for extended explanation.

General Terms and Conditions of Sale

Virginia Transformer Corp's General Terms and Conditions of Sale

Virginia Transformer Corp, hereinafter referred to as Seller, hereby offers to supply the items and/or services identified in the quotation, proposal, or acknowledgment expressly conditional upon the Buyer's acceptance of the following terms. Seller, by its commencement of performance, shall not prejudice its rights to enforcement of these conditions. Any confirmatory action by the Buyer hereunder, or any acceptance of such equipment or services, installation, energization, or utilization shall constitute assent to said terms or conditions. Stenographic and clerical errors on this quotation, proposal, or acknowledgment are subject to correction.

1. **ACCEPTANCE OF ORDER:** None of Buyer's Terms and Conditions contained the Purchase Order or other submittal by Buyer shall alter Seller's Terms and Conditions in any respect and shall not apply to this transaction unless specifically agreed to in writing by the Seller.

2. **EXPIRATION OF OFFER**: All offers of sale by Seller are valid for thirty (30) days from the date of the offer based on product delivery within 6 months unless otherwise specifically stated in the Seller's offer or as otherwise may be expressly agreed to in writing by the Seller. All such offers of Seller are subject to change without notice after this period unless earlier withdrawn by the Seller.

3. **MINIMUM ORDER VALUE:** The minimum acceptable value of any order is $500.00. Buyer's accumulation of several items into one purchase is authorized to reach the minimum order value.

4. **F.O.B. POINT AND SHIPMENTS ACCEPTANCE OF ORDER:** Title to the goods and risk of loss shall pass to Buyer at the FOB point. All supplies and services are sold FOB origin and the point of origin shall be that of Seller's factories or locations identified in its proposal or sales contract form unless as otherwise specifically agreed to in writing on the face of Seller's sales contract. Seller assumes no responsibility for delay, breakage, damage, or loss after delivery to the carrier as evidenced by **in good order** receipts from the carrier. All claims for loss, damage and delay in transit are to be handled by Buyer directly with the carrier. Seller shall select method of transportation and route on behalf of Buyer unless Buyer specifies the method and route and is to pay freight costs in addition to price. Seller reserves the right to make partial shipments at its discretion. Claims for shortages or incorrect items must be made in writing to Seller within seven days after receipt of shipment. Failure to give such notice shall constitute an unqualified acceptance of equipment and waiver by Buyer of all claims for such shortages or incorrect items.

When terms are F.O.B. destination or freight allowed to destination, **destination** means common carrier delivery point nearest the destination the continental United States, excluding Alaska, Hawaii, Puerto Rico, etc.). When terms are F.O.B. job site or pad, Buyer guarantees all access roads are suitable for normal unimpeded access to site with free and clear access to area directly adjacent to the placement point of the unit with no physical obstructions and clear of stored materials.

Shipping schedules and delivery arrangements are made in best effort and good faith. Seller cannot, however, accept liability for penalty or damages resulting from shipping delays caused by Force Majeure including but not limited to strikes, fires, truck availability, labor or material shortages, Acts of God, or any other cause beyond VTC's reasonable control. Ship Separate Parts may not arriveconcurrently with the transformer and some assembly may be required. Shipment may be made earlier after due notice to Buyer.

5. **BUYER'S OBLIGATION OF ASSISTANCE**: Except to the extent Seller has otherwise assumed such responsibility for itself under express provisions of the attachment hereto entitled **Proposal**, Buyer shall:

(a) place at Seller's disposal all information necessary for performance of the work including any plans, plant layout, wiring instructions and operational information that may reasonably be expected to affect the performance of the work. This includes to the extent reasonable previous studies or reports and other data relative to the design, installation, and selection of equipment for the work to be performed by Seller.

(b) guarantee access to and to make all reasonable provisions for Seller to enter on its property and other public and private lands as is required for performance of the work including safe storage of equipment, materials, and tools during the process of any such off-site work.

(c) agree to cooperate in all reasonable ways necessary to Seller's performance of the work.

(d) covenant that it has disclosed fully and accurately to Seller all general and local conditions which can affect performance of the work prescribed hereunder or the price thereof. Buyer acknowledges that Seller is entitled to rely on information furnished by Buyer in developing its specifications, equipment selection, price, and other terms of this order.

6. **PAYMENT TERMS**: Terms are 30% with the initial order, 30% upon Drawing Submission, net 30 days, and 40% at shipment, net 30 days, calculated from the date of invoice if credit arrangements have been approved, in advance by Seller, and these terms are included on the Seller's proposal. **Otherwise, payment is required before shipment or delivery in a form and arrangement acceptable to Seller.** In addition to any other rights or remedies available to Seller, failure to pay the amount(s) due within the time specified will result in a late charge of one and one half (1-1/2%) percent per month to Buyer's account until final payment. Payments shall not be contingent on end-user payment to Buyer and Seller reserves the right to refuse to fulfill all obligations (including field service and voiding of warranty) if payment is not received as due. In instances involving orders for more than one unit, the foregoing

amounts will be billed and due for each unit. In instances where items are quoted by line item in the proposal, those will be billed, and payment will be due upon rendering of each item.

Purchaser grants Seller a security in the goods to secure payment of all outstanding balances. Purchaser authorizes Seller to file financing statements, ficture filings, and to execute and file any other documents and take all other steps to perfect its security interest.

Except to the extent otherwise specified by Seller in its quotation or proposal, payments shall become due without setoff. If Seller consents to delay shipments after completion of any product, the goods may be placed in storage by Seller for Buyer's account and risk, and Buyer shall pay all charges for storage, cranes, trucking and other incidental expenses incurred by Seller and the provisions in the **Storage** paragraph below shall further apply.

Any order for products by Buyer shall constitute a representation that Buyer is solvent. In addition, upon Seller's request, Buyer will furnish a written representation concerning its solvency and provide adequate assurances of its ability to satisfy its financial obligations under its contract with Seller, including but not limited to current financial statements, at any time prior to shipment. If Buyer's financial condition at any time does not justify continuance of the work to be performed by Seller hereunder on the agreed terms of payment, Seller may require full or partial payment in advance. In the event of Buyer's bankruptcy or insolvency; or in the event any proceeding is brought against Buyer, voluntarily or involuntarily, under the bankruptcy or any insolvency laws; Seller shall be entitled to cancel any order then outstanding at any time during the period allowed for filing claims against the estate and shall receive reimbursement for its proper cancellation charges. Seller's rights under this article are in addition to all rights available to it at law or in equity.

Any delay in payment as due, will impact all deliverables from Seller including the achievement of deliverables through the guaranteed delivery date. Any extended delay in payment can be the basis for the order to be held and any applicable liquidated damages in favor of Buyer shall be deemed waived.

7. **CHARGEBACKS, SET-OFF, OFFSETS OR WITHHOLDING:** Seller will not accept any back charges, set-off, offsets, or withholding for material or services without the prior written consent of Seller.

8. **DELIVERY:** The prices quoted are for the shipment dates provided on the Seller's proposal. While the Seller shall have no obligation to comply with unilateral directives to change schedules or temporarily cease work, Seller may accommodate Buyer's reasonable written requests for acceleration or deceleration made at least ninety/sixty (90/60) days respectively prior to scheduled delivery. Such changes may or may not be accepted by Seller at its sole discretion. In the event Seller accepts such changes, Seller shall be under no

obligation to comply therewith until a price adjustment acceptable to Seller is negotiated between the parties and evidenced by an amendment to the order. Any agreement to delay delivery shall not exceed 6 months from original acknowledgement ship date; goods not released for shipment within such revised time frame shall be automatically deemed canceled and subject to Seller's Cancellation terms listed below.

9. **Storage:**In the event goods are placed in storage at the request of the Purchaser, it is agreed that title will pass to the Purchaser upon placement into storage.Irrespective of anything herein to the contrary, Purchaser will be invoiced for the balance of the purchase price of the goods when they are placed in storage and payment will be due net 30 days. Risk of loss shall pass to Purchaser who shall be responsible for insuring the goods and Seller shall have no liability for loss or damage when the goods remain in its possession in storage.Purchaser further agrees that for any goods placed in storage, Seller will be provided a minimum of three weeks advanced notice before requested delivery out of storage and delivery will then be made subject to availability of carrier and transportation services. Payment of storage fees will be due prior to shipment from storage.

10. **EXPORT REGULATIONS:** Buyer acknowledges that if the items purchased hereunder are to be exported, they are subject to the U.S. Commerce and/or State Department Export Regulations. Buyer accepts full responsibility for and agrees to comply fully with such regulations, including obtaining export licenses and re-export permission unless otherwise agreed that Seller is to be exporter of record.

11. **CANCELLATION & TERMINATION**: Seller, in addition to all other rights and remedies under this order or at law, shall have the right to cancel and terminate Buyer's order for breach by Buyer including, but not limited to, if Buyer fails to make payment as due or if Buyer is adjudicated bankrupt, files a petition in bankruptcy, makes an assignment for the benefit of creditors or if action under any law for the relief of debtors is taken. In the event of cancellation and termination of this order for breach of the provisions hereof by Buyer, Seller shall have no further liability to Buyer and Seller shall not be liable for any costs of cancellation, special, incidental, or consequential damages (including punitive or exemplary damages) for any cause or of any nature whatsoever and such cancellation and termination. All cancellations or terminations by Seller for Buyer's breach shall be subject to the following cancellation or termination charges:

    1. 30% of order amount after order entry by Seller.
    2. Additional 15% of order amount after outline drawing completion / submission.
    3. If manufacturing has begun, charges will be based upon commitments for materials and percent completion in addition to the 45% for engineering and order entry.

In the event Buyer cancels its order, Buyer shall be responsible to Seller for cancellation charges in the amounts set forth above in Cancellation & Termination paragraph 11 which Buyer shall pay Seller upon such cancellation.

12. **RESCHEDULING FEE:** Any extended delays by the customer/Purchaser which result in the loss of the scheduled production slot will be subject to a re-scheduling fee of 30% of the specific order value.

13. **PATENT INFRINGEMENT**: To the extent that the items ordered are manufactured to designs, drawings, specifications, or instructions furnished by Buyer, Buyer guarantees that the manufacture and sale or use of such items will not infringe upon any U.S., or foreign patents. Buyer further agrees to indemnify and hold harmless the Seller from any expense, loss, cost, damage, or liability of any kind which may be incurred because of any such infringement or alleged infringement of patent rights with respect to such items and to defend, at its own cost and expense, any action or claim in which such infringement is alleged. Buyer shall promptly notify Seller of any such action and shall provide Seller an opportunity, at Seller's option, to participate in any defense of such action or claim at Seller's own expense.

Seller shall hold Buyer harmless from costs actually incurred arising directly from the defense of any suit for infringement of any domestic or foreign patent by a Seller-manufactured item, provided Seller shall be given timely written notice of such suit and the option to replace the same, obtain a license, make other arrangements to avoid litigation or to defend the suit. No indemnification is offered or applicable for alleged infringement arising from the use of Seller's items in combination with other items supplied by Buyer or from compliance with drawings, specifications or instructions furnished by Buyer as described in the paragraph above. Further, no indemnification by Seller applies if this order is accepted under a U.S. government contract containing an Authorization and Consent Clause applicable hereto as prescribed by U.S. federal procurement laws and regulations.

14. **DISCLOSURE OF INFORMATION / PROPERTY OF SELLER**: Any information, suggestions or ideas transmitted by either Buyer or Seller in connection with performance hereunder are not to be regarded as secret or submitted in confidence unless it is stamped or marked **Confidential** prior to delivery by the disclosing party. Neither party shall use or disclose such property to any third party or any one not having a need to know, including employees, without the prior written consent from the disclosing party. Title to all tools, test equipment and facilities not furnished by Buyer or specifically paid for by Buyer as a separate line item under any order, shall remain with Seller. Further, Seller does not agree to submit to Buyer because of the Consideration paid under this order, any information, technical data, or drawings which are proprietary to Seller; nor does Seller agree to grant to Buyer any patent rights, title, or license without Seller's expressed prior written consent.

15. **TAXES:** The purchase price of the Goods and Services does not include transportation taxes and sales, use, excise, value added, import or any similar tax or other governmental charge arising pursuant to or in connection with the sale, purchase, processing, delivery, storage, use, consumption, performance or transportation of the Goods and Services. Buyer is responsible for payment of any transportation taxes, and any present or future sales, use, excise, value added, import or any similar tax or other governmental charge applicable to the Agreement and to the sale and/or furnishing of the Goods and Services if a Sales Tax exemption form is not received by Seller from Buyer.

16. **EQUIPMENT WARRANTIES AND REMEDY**:

(A) For the period set forth below in this paragraph, Seller warrants that each newly manufactured item sold hereunder, and such portion of a repaired/refurbished item as has been repaired or replaced by Seller under this warranty, shall be free from defects in material, workmanship, or title at the time of shipment and shall perform during the warranty period in accordance with the specifications incorporated herein. Should any failure to conform to these warranties (excluding any defects in title) be discovered and brought to Seller's attention during the warranty period and be substantiated by examination at Seller's factory or by authorized field personnel, then (i) Seller shall correct such failure by, at Seller's exclusive option, repair or replacement of the nonconforming item or portion thereof with Buyer promptly making product available to be worked by Seller's personnel or agents without interference with no additional cost to the Seller; or (ii) Buyer making available product F.O.B. Seller's plant with Seller's written return authorization, at Seller's exclusive option, for repair or replacement of the nonconforming item or portion thereof. Buyer agrees that this remedy shall be its sole and exclusive remedy against Seller and that no other remedy shall be available or pursued by Buyer against Seller. In no event shall the Seller be liable for any costs or expenses in excess of those described in this paragraph and expressly excluding any liability or damages for special, incidental, or consequential damages.

The warranty period for newly manufactured items shall extend 12 months from the date of first energization or 18 months from the date of shipment whichever occurs first or unless a different warranty period is agreed to by Seller. The warranty period for repaired/refurbished articles shall extend for the unexpired warranty period of the item repaired or replaced or for 90 days, whichever is longer. This warranty shall be voided and not extend to any item that upon examination by Seller is found to have been subject to:

(a) mishandling, misuse, negligence, or accident.
(b)storage, installation, operation, testing, or maintenance that either was not in accordance with Seller's specifications, instructions, manuals, or otherwise improper, or contrary to industry standards.
(c) tampering as evidenced for example by broken seals, damaged packaging containers, etc.

(d) testing of equipment above normally accepted field tests.
(e) repair or alteration by anyone other than Seller without Seller's express advance written approval.
(f) payment(s) not received per terms of sale.

Failure to promptly notify Seller in writing upon discovery of any non-conforming items during the warranty period shall void the warranty as to such items. Buyer shall describe any such non-conformity in detail, expressing its position as to return of any article under the remedy provided herein. No returns shall be accepted without prior approval by Seller. No back charges shall be accepted without the prior written consent of Seller's authorized representative. Where a failure cannot be corrected by Seller's reasonable efforts, the parties shall mutually agree upon an equitable adjustment in price. The preceding sets forth the exclusive remedies for claims (except as to title) based on defect whether in contract or tort (including negligence or strict liability) and however instituted. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SELLER DISCLAIMS IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

(B)**SELLER'S INSTALLATION WARRANTY**: Seller warrants that all work hereunder shall be performed in accordance with the standards employed by Seller in performing the same or similar services for itself. Seller disclaims any and all other representations or warranties expressed or implied including without limitation any representation or warranty that a) any unauthorized entry, burglary, theft, embezzlement, or any other crimes will be prevented by the equipment and/or installation thereof or that b) any particular purpose or standard of care intended or desired or any particular results to be achieved by Buyer through the installation and operation of the items to be delivered hereunder. Seller's installation services and installation warranty does not include or imply any assistance for system field troubleshooting and no back charges for such services shall be accepted without the prior written consent of Seller's authorized representative.

(C) **EXTENDED WARRANTY PERIOD OPTION FOR CORE AND COIL**:When purchased, the warranty period may be extended by the period specified in such purchase covering core and coils only against failure occurring with respect to normal operation and within the parameters for which the transformer was designed. For extended Warranty period, to ensure validity of Extended Warranty period coverage, Virginia Transformer requires Dissolved Gas Analysis (DGA) reports of the supplied unit to be provided every year for the period of extended warranty period coverage. The annual DGAs should be emailed to:FieldService@vatransformer.com. Failure to conduct annual DGAs and provide the reports to Seller may void the purchased extended warranty. Except for the extended time period all other provisions, terms, conditions, and limitations set forth above shall apply to the extended warranty period. In case of any disturbance in the system that causes the transformer to trip off-line, following information shall be forwarded to Virginia Transformer Corp within 48

hours: Event summary with relevant data, Protection system data, Overvoltage conditions (If any), Fault data (if any) and offset timing with peak current value, Loading, Environmental and atmospheric conditions. Failure to timely provide this information may void the warranty.

(D)**EXTENDED BUMPER TO BUMPER WARRANTY PERIOD OPTION:**When purchased, the warranty for the extended period specified will cover the entire Transformer including core and coils and all associated transformer accessories against failure occurring with respect to normal operation and within the parameters for which the transformer was designed. Bumper to Bumper Warranty does not cover normal wear and tear including paint and gaskets beyond five years. For extended Warranty period, to ensure validity of Extended Warranty period coverage, Virginia Transformer requires Dissolved Gas Analysis (DGA) reports of the supplied unit to be provided every year for the period of extended warranty coverage, and the additional data as stated in Section15(A) The annual DGA's should be emailed to: FieldService@vatransformer.com. Failure to conduct annual DGAs and provide the reports to Seller may void the purchased extended warranty. Except for the extended time period all other provisions, terms, conditions, and limitations set forth above shall apply to the extended warranty period.

(E) **IN/OUT COVERAGE OPTION:** When purchased, Seller will cover only the expenses to transport the transformer to a repair facility and back to site for warranty failures occurring within the period defined. Buyer will make transformer ready for shipment in the condition it was originally received per the Outline Drawing with clear and free access by Carrier. Craning, civil work, disconnection, and reconnection of the transformer, etc. is the responsibility of the Buyer.

17. **CONFIGURATION STATUS AND SUBSTITUTION OF MATERIALS:**Seller reserves the right to make substitution of materials without degrading the quality of product. Customer approval will be solicited when changes affect form, fit or function. Seller further reserves the right to discontinue any items without notice and to change or modify specifications at any time without incurring any obligation to incorporate new or modified features in components or products previously sold or shipped.

18. **LIMITATION OF LIABILITY:**Neither party shall be liable to the other for any incidental, indirect, special, punitive, or consequential damages regardless of whether liability would arise under contract or tort (including negligence and strict liability), warranty, indemnity, or otherwise. Neither party's liability on any claim for loss or damage arising out of this contract or from the performance or breach thereof shall exceed the price of the item giving rise to the claims for loss or damage in the event more than one item is included in this contract/order with distinct pricing being allocated to each item in arriving at the total contract/order price.

19. **HAZARDOUS BUSINESS:** Unless otherwise agreed in writing by an authorized representative of the Seller, goods sold hereunder are not intended for use in connection with any nuclear facility or any other hazardous activity such as commercial or military aircraft,

missile installation, space exploration or other critical applications where failure of a single component could cause substantial harm to persons or property. If so used, Seller disclaims all liability for any nuclear damage contamination or other injury and Buyer shall indemnify and hold Seller harmless from such liability whether as a result of breach of contract, warranty, tort (including negligence) or other grounds. Neither Seller nor its suppliers shall have any liability to the Buyer or its insurers whether based on contract, warranty, tort (including negligence or strict liability) or other grounds for on-site damage to any property located at a nuclear facility.

20. **COMPLIANCE WITH LAW**: Buyer shall comply with all applicable Federal, State, municipal and local laws including but not limited to: laws concerning procurement integrity (particularly subsections 27(a), (d) and (f) of the Office of Federal Procurement Policy Act, as amended, 41 U.S.C. §423 and FAR 3.104-3; the Byrd Amendment (31 U.S.C. §1352); laws governing lobbying activities (2 U.S.C. §261 et seq., particularly § 267); laws prohibiting the giving of bribes (18 U.S.C. §201(b) or gratuities (18 U.S.C. §201 (c); the Foreign Corrupt Practices Act of 1977, as amended, (15 U.S.C. §78m, 78dd-1, 78dd-2, and 78ff). Buyer acknowledges that if items purchased are to be exported, Buyer has the complete responsibility and agrees to comply with all export laws and regulations of the U.S. Department of Commerce and of the U.S. State Department, or other governmental body. Seller hereby certifies that all goods sold hereunder which are produced or manufactured in the United States of America are products in compliance with the Fair Labor Standards Act of 1938 which shall be considered as satisfied by this certification.

21. **INSURANCE**: Buyer shall maintain its usual and customary insurance coverage for automobile, workmen's compensation and third-party liability claims during performance of this order and, if requested by Seller, name Seller an insured under its third-party liability coverage.

22. **NON-WAIVER**: The failure of Seller to enforce at any time any of the provisions of this order shall not constitute a waiver of such provisions or a waiver of the right of Seller to enforce any or all provisions. If any term or provisions of this order is held invalid or unenforceable by any court of competent jurisdiction, the remainder of this order shall continue to be valid and binding upon the parties unless performance thereof is rendered legally impractical and no longer fulfills the intention of the parties under this order.

23. **APPLICABLE LAW AND FORUM FOR RESOLUTION OF DISPUTES:** This contract shall be deemed to have been made and performed in, and shall be construed, interpreted and the rights and obligations of the parties determined by the law of the Commonwealth of Virginia excluding choice of law rules. Any dispute, controversy or claim arising out of or related to this contract, or any breach thereof, shall be resolved by binding arbitration administrated by the American Arbitration Association under its Commercial Arbitration Rules and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. Such arbitration shall take place in Roanoke, Va. In case of non- performance by Buyer

requiring arbitration or other legal action, Seller's costs, and reasonable attorney's fees of arbitration or other legal action shall be the responsibility of the Buyer

24. **PRICE SURCHARGE:**In the event any components such as,core steel,mineral oil,electricity,labor etc. are subject to abnormal price increases, and VTC/GTC is not able to otherwise mitigate these increases, during the period between the proposal date and the settlement date, VTC/GTC may pass along those specific incremental cost increases.

25. **ASSIGNMENT:** Except as otherwise expressly provided herein, no assignment of this order or Buyer's rights under this order shall be made by Buyer without the prior written agreement of the Seller. All amounts due to the Seller, including the assignment fee of $10,000, must be paid to the Seller before any assignments will be granted. In addition, Buyer must provide financial and other information as requested by the Seller to support the ability of the assignee to pay future amounts that may become due. Seller reserves the right to deny any request for assignment.

26. **FORCE MAJEURE:** In addition to other liability limitation herein contained, seller shall not be responsible to the Buyer for any loss or damage due to failure or delay in performance or delivery of any of the items or services required under this order when such delay or failure is due to causes beyond the Seller's reasonable control. Such causes shall include without limitation fires, floods, epidemics, pandemics, quarantines, unusually severe weather, strikes, embargoes, wars, political strife, riots, delays in transportation, compliance with any regulation or directives of any national, state, or local municipal government or authority and unforeseeable shortages in fuel, power, materials, or labor. Seller shall not be liable for delays in delivery or performance, or for failure to manufacture, deliver or perform, due to an inability on account of a cause beyond the reasonable control of Seller to obtain necessary materials, components, services, or facilities. Seller will notify Buyer of any material delay excused by this clause and will specify the revised delivery date as soon as practicable. In the event of any such delay, there will be no termination and the date of delivery or of performance shall be extended for a period equal to the time lost by reason of the delay.

27. **ORDER TERMS EXCLUSIVE:** These Terms and Conditions together with Seller's Proposal and Order Acknowledgement constitute the entire and sole agreement between the parties concerning the subject matter of this order and the parties acknowledge and agree that none of them has made any representation with respect to the subject matter of this order or any representations including the execution and delivery hereof except as specifically set forth herein. Captions as used herein are for convenience or reference only and shall not be deemed or construed as in any way limiting or extending the meaning of any terms and conditions contained herein.

28. **CUSTOMER CONTRACTS:** Buyer will include in its contracts with its purchaser customers the warranty conditions and limitations Section 15 (Equipment Warranties and Remedy), and the limitations of liability provisions set out in Section 17 (Limitation of Liability). Buyer shall

indemnify and hold harmless Seller from any liability to any customer or third parties as a result of the failure to include such conditions and limitations in its contracts with its purchaser customers.

29. **MODIFICATION:** This order may not be modified except by written instrument executed by the following authorized representatives; Director of Contracts, Director of Finance, Senior VP of Materials / MIS, Corporate Controller, President, and CEO.

30. **SECTION TITLES:** Section titles appearing in the General Terms and Conditions of Sale are for convenience only and shall not be construed as interpretations of text.

31. **APPENDICIES:** Any appendix or other terms and conditions of the Seller as may be attached hereto and/or identified herewith are hereby incorporated and made a part of these Terms and Conditions and all orders or contracts shall be subject to such additional terms and conditions which shall control over any inconsistency with the Terms and Conditions stated herein.

32. **"Intellectual Property Rights"** means all registered and unregistered intellectual property rights throughout the world, including rights in patents, copyrights, trademarks, trade secrets, designs, databases, and domain names and moral rights.

33. **Grant of License by VTC Upon** receipt of full payment for the Transformer and conditioned upon Customer not defaulting on its obligations under this Agreement, VTC hereby grants to Customera perpetual, royalty-free license to use the Intellectual Property Rights of VTC which are incorporated in the Transformer. Such license is limited solely to the use of the Transformer by Customer for the purposes and at the location described in VTC's Proposal. Customer may only transfer this license to a third party upon first providing VTC with a written acknowledgment by such transferee of VTC's ownership of its Intellectual Property Rights contained in the Transformer.

34. If any purchase order submitted by the owner/purchaser contains or invokes terms or conditions other than this Contract or the Terms and Conditions agreed to between VTC and the owner/purchaser, then Seller/VTC may, without penalty, reject said terms and conditions on the purchase order by striking them out.

Virginia Transformer Corp.
Summary of Clarifications to the Terms and Conditions
to be negotiated and discussed
City of Crete – M232405A

Item	Article/Section	
1	Procurement Contract Article 2 – Procurement Contract Times Section 2.01 Time of ~~the Essence~~ **Material Importance** Pg. 1 of 9	2.01 Time of ~~the Essence~~ **Material Importance** A. All time limits for Milestones, including the submittal of Shop Drawings and Samples, the delivery of Goods, and the furnishing of Special Services as stated in the Procurement Contract Documents, are of ~~the essence~~ **material importance** of the Procurement Contract.
	Customer Response	
2	Procurement Contract Article 9 – Mutual Waiver Section 9.01 Mutual Waiver of Consequential Damages Please add the following to this Section. Pg. 8 of 9	Neither party's liability on any claim for loss or damage arising out of this contract or from the performance or breach thereof shall exceed the price of the item giving rise to the claims for loss or damage in the event more than one item is included in this contract/order with distinct pricing being allocated to each item in arriving at the total contract/order price.
	Customer Response	
3	Conditions of Contract Article 4 – Commencement and Schedule Section 4.04 Delays Please adjust the following. Pg. 10 of 35	A. If Buyer, Engineer, or anyone for whom Buyer is responsible, delays, disrupts, or interferes with Seller's performance or progress, then Seller shall be entitled to an equitable adjustment in Procurement Contract Price or Procurement Contract Times. **Any extended delays requested by the customer/Purchaser which result in the loss of the scheduled production slot will be subject to a re-scheduling fee of 30% of the specific order value.** C 1. 1. severe and unavoidable natural catastrophes such as fires, floods, epidemics, **pandemics, quarantines,** and earthquakes;
	Customer Response	

4	Conditions of Contract Article 7 – Seller's Responsibilities Section C. Special Guarantee Please remove this section as this is covered by the Warranty. Pg. 15 of 35	~~Special Guarantee: Buyer may require Seller to furnish at Seller's expense a special performance guarantee or other surety with respect to any such proposed "or-equal."~~
	Customer Response	
5	Conditions of Contract Article 7 – Seller's Responsibilities Section 7.07 Indemnification Please see the amendment to this section. VTC also requests that B. be struck in its entirety. Liability should be limited to the Contract Value of the offending unit per Senior Mgmt. Pg. 18 of 35	To the fullest extent permitted by Laws and Regulations, Seller shall indemnify and hold harmless Buyer, Engineer, Project Owner, and any assignee of Buyer, including Contractor/Assignee, and their officers, directors, members, partners, employees, agents, consultants, contractors, and subcontractors, from and against ~~all~~ claims, ~~costs, losses~~, and damages ~~(including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs)~~ arising out of or relating to the performance of Seller's obligations under the Procurement Contract, provided that any such claim, ~~cost, loss,~~ or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Goods themselves), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Seller, or any individual or entity directly or indirectly employed by Seller or anyone for whose acts Seller may be liable**. Seller's liability under this Clause shall be only to the proportionate extent of Seller's fault, negligence, or responsibility and not for any portion of any claim under this Clause that is the fault, negligence or responsibility of other parties including the Indemnified Parties.**
	Customer Response	
6	Conditions of Contract Article 9 – Warranty Please replace this entire Section with the following as VTC reserves the right to warrant its own product, and rejection takes place during FAT. Any damage during transit is our responsibility, and any nonconformity at	(A) For the period set forth below in this paragraph, Seller warrants that each newly manufactured item sold hereunder, and such portion of a repaired/refurbished item as has been repaired or replaced by Seller under this warranty, shall be free from defects in material, workmanship, or title at the time of shipment and shall perform during the warranty period in accordance with the specifications incorporated herein. Should any failure to conform to these warranties (excluding any defects in title) be discovered and brought to Seller's attention during the warranty period and be substantiated by examination at Seller's factory or by authorized field personnel, then (i) Seller shall correct such failure, at Seller's exclusive option, repair or replacement of the nonconforming item or portion thereof with Buyer promptly making product available to be worked by Seller's personnel or agents without interference with no additional cost to the Seller; or (ii) Buyer making available product F.O.B. Seller's plant with Seller's written return authorization, at Seller's exclusive option, for repair or replacement of the nonconforming item or portion thereof. Buyer agrees that this remedy shall be its sole and exclusive remedy against Seller and that no other remedy shall be available or pursued by Buyer against Seller. In no event shall the Seller be liable for any costs or expenses in excess of those described in this paragraph and expressly excluding any liability or damages for special, incidental, or consequential damages.

	the time of delivery is a warranty issue that will be made whole. Please also use this same language in Section 016000 – Product Requirements Section 1.5 Product Warranties, and Section 261213 2.5 Warranty.	The warranty period for newly manufactured items shall extend 12 months from the date of first energization or 18 months from the date of shipment whichever occurs first or unless a different warranty period is agreed to by Seller. The warranty period for repaired/refurbished articles shall extend for the unexpired warranty period of the item repaired or replaced or for 90 days, whichever is longer. This warranty shall be voided and not extend to any item that upon examination by Seller is found to have been subject to: a) mishandling, misuse, negligence, or accident. b) storage, installation, operation, testing, or maintenance that either was not in accordance with Seller's specifications, instructions, manuals, or otherwise improper, or contrary to industry standards. c) tampering as evidenced for example by broken seals, damaged packaging containers, etc. d) testing of equipment above normally accepted field tests. e) repair or alteration by anyone other than Seller without Seller's express advance written approval. f) payment(s) not received per terms of sale. Failure to promptly notify Seller in writing upon discovery of any non-conforming items during the warranty period shall void the warranty as to such items. Buyer shall describe any such non-conformity in detail, expressing its position as to return of any article under the remedy provided herein. No returns shall be accepted without prior approval by Seller. No back charges shall be accepted without the prior written consent of Seller's authorized representative. Where a failure cannot be corrected by Seller's reasonable efforts, the parties shall mutually agree upon an equitable adjustment in price. The preceding sets forth the exclusive remedies for claims (except as to title) based on defect whether in contract or tort (including negligence or strict liability) and however instituted. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SELLER DISCLAIMS IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. (B) SELLER'S INSTALLATION WARRANTY: Seller warrants that all work hereunder shall be performed in accordance with the standards employed by Seller in performing the same or similar services for itself. Seller disclaims any and all other representations or warranties expressed or implied including without limitation any representation or warranty that a) any unauthorized entry, burglary, theft, embezzlement, or any other crimes will be prevented by the equipment and/or installation thereof or that b) any particular purpose or standard of care intended or desired or any particular results to be achieved by Buyer through the installation and operation of the items to be delivered hereunder. Seller's installation services and installation warranty does not include or imply any assistance for system field troubleshooting and no back charges for such services shall be accepted without the prior written consent of Seller's authorized representative. (C) EXTENDED WARRANTY PERIOD OPTION FOR CORE AND COIL: When purchased, the warranty period may be extended by the period specified in such purchase covering core and coils only against failure occurring with respect to normal operation and within the parameters for which the transformer was designed. For extended Warranty period, to ensure validity of Extended Warranty period coverage, Virginia Transformer requires Dissolved Gas Analysis (DGA) reports of the supplied unit to be provided every year for the period of extended warranty period coverage. The annual DGAs should be emailed to: FieldService@vatransformer.com. Failure to conduct annual DGAs and provide the reports to Seller may void the purchased extended warranty. Except for the extended time period all other provisions, terms, conditions, and limitations set forth above shall apply to the extended warranty period. In case of any disturbance in the system that causes the transformer to trip off-line, following information shall be forwarded to Virginia Transformer Corp within 48 hours: Event summary with relevant data, Protection system data, Overvoltage conditions (If any), Fault data (if any) and offset timing with peak current value, Loading, Environmental and atmospheric conditions. Failure to timely provide this information may void the warranty.

		(D) EXTENDED BUMPER TO BUMPER WARRANTY PERIOD OPTION: When purchased, the warranty for the extended period specified will cover the entire Transformer including core and coils and all associated transformer accessories against failure occurring with respect to normal operation and within the parameters for which the transformer was designed. Bumper to Bumper Warranty does not cover normal wear and tear including paint and gaskets beyond five years. For extended Warranty period, to ensure validity of Extended Warranty period coverage, Virginia Transformer requires Dissolved Gas Analysis (DGA) reports of the supplied unit to be provided every year for the period of extended warranty coverage, and the additional data as stated in Section 15(A) The annual DGA's should be emailed to: FieldService@vatransformer.com. Failure to conduct annual DGAs and provide the reports to Seller may void the purchased extended warranty. Except for the extended time period all other provisions, terms, conditions, and limitations set forth above shall apply to the extended warranty period. IN/OUT COVERAGE OPTION: When purchased, Seller will cover only the expenses to transport the transformer to a repair facility and back to site for warranty failures occurring within the period defined. Buyer will make transformer ready for shipment in the condition it was originally received per the Outline Drawing with clear and free access by Carrier. Craning, civil work, disconnection, and reconnection of the transformer, etc. is the responsibility of the Buyer.
	Customer Response	
7	Conditions of Contract Article 11 – Changes Section 11.06 Buyer's Contingency Allowance Please add the following Pg. 26 of 35	E. In the event any components such as, electricity, freight, labor, core steel, mineral oil etc. are subject to abnormal price increases, and VTC/GTC is not able to otherwise mitigate these increases, during the period between the proposal date and the shipment date, VTC/GTC may pass along those specific incremental cost increases.
	Customers Response	
8	Conditions of Contract Article 14 – Cancellation, Suspension, and Termination Section 14.01 Cancellation and Section 14.02 Suspension of Performance by Buyer. Pg. 33 of 35	14.01 Cancellation A. Buyer has the right to cancel the Procurement Contract, without cause, at any time prior to delivery of the Goods by written notice. Cancellation pursuant to the terms of this paragraph will not constitute a breach of contract by Buyer. ~~Upon cancellation:~~ ~~1. Buyer shall pay Seller for the direct costs incurred in producing any Goods that Seller has specially manufactured for the Project, plus a fair and reasonable amount for overhead and profit.~~ ~~2. For Goods that are not specially manufactured for the Project, Seller shall be entitled to a restocking charge of 10 percent of the unpaid Procurement Contract Price of such Goods~~**. Seller, in addition to all other rights and remedies under this order or at law, shall have the right to cancel and terminate Buyer's order for breach by Buyer including, but not limited to, if Buyer fails to make payment as due or if Buyer is adjudicated bankrupt, files a petition in bankruptcy, makes an assignment for the benefit of creditors or if action under any law for the relief of debtors is taken. In the event of cancellation and termination of this order for breach of the provisions hereof by Buyer, Seller shall have no further liability to Buyer and Seller shall not be liable for any costs of cancellation, special, incidental or consequential damages (including punitive or exemplary damages) for any cause or of any nature whatsoever and such cancellation and termination. All cancellations or terminations by Seller for Buyer's breach shall be subject to the**

		following cancellation or termination charges: • **30 % of order amount after order entry by Seller.** • **Additional 15 % of order amount after outline drawing completion / submission.** • **If manufacturing has begun, charges will be based upon commitments for materials and percent completion in addition to the 45% for engineering and order entry.** **In the event Buyer cancels its order, Buyer shall be responsible to Seller for cancellation charges in the amounts set forth in the Cancellation & Termination paragraph above, which Buyer shall pay Seller upon such cancelation.** 14.02 Suspension of Performance by Buyer A. Buyer has the right to suspend performance of the Procurement Contract for up to 90 days, without cause, by written notice. ~~Upon suspension under this paragraph, Seller shall be entitled to an increase in the Procurement Contract Times and Procurement Contract Price caused by the suspension, provided that performance would not have been suspended or delayed for causes attributable to Seller.~~ **Any extended delays requested by the customer/Purchaser which result in the loss of the scheduled production slot will be subject to a re-scheduling fee of 30% of the specific order value.**
	Customer Response	
9	Supplementary Conditions of the Procurement Contract Article 9 – Buyer's Rights Section 9.05 B Please strike in its entirety. Limitation of Seller's Liability Pg. 6 of 6	~~B. Upon assignment the terms of this Paragraph 9.05 will be binding upon both the assignor and assignee with respect to Seller's liability, The terms of this limitation do not apply to or limit any claim by Buyer against Seller based on any of the following: (a) contribution or indemnification with respect to third-party claims, losses, and damages; (b) costs, losses, or damages attributable to personal or bodily injury, sickness, disease, or death, or to injury to or destruction of the tangible property of others, (c) intentional or reckless wrongful conduct, or (d) rights conferred by any bond provided by Seller under this Contract.~~
	Customer Response	
10	Requesting the insertion of the following section. Storage	In the event goods are placed in storage at the request of the Purchaser, it is agreed that title will pass to the Purchaser upon placement into storage. Irrespective of anything herein to the contrary, Purchaser will be invoiced for the balance of the purchase price of the goods when they are placed in storage and payment will be due net 30 days. Risk of loss shall pass to Purchaser who shall be responsible for insuring the goods and Seller shall have no liability for loss or damage when the goods remain in its possession in storage. Purchaser further agrees that for any goods placed in storage, Seller will be provided a minimum of three weeks advanced notice before requested delivery out of storage and delivery will then be made subject to availability of carrier and transportation services. In the event goods are placed in storage at the request of the Purchaser, it is agreed that title will pass to the Purchaser upon placement into storage. Irrespective of anything herein to the contrary, Purchaser will be invoiced for the balance of the purchase price of the goods when they are placed in storage and payment will be due net 30 days. Risk of loss shall pass to Purchaser who shall be responsible for insuring the goods and Seller shall have no liability for loss or damage when the goods remain in its possession in storage. Purchaser further agrees that for any goods placed in storage, Seller will be provided a minimum of three weeks advanced notice before requested delivery out of storage and

		delivery will then be made subject to availability of carrier and transportation services. Storage and cranage fees will be applied and be payable prior to shipment.
	Customer Response	
11	Requesting the insertion of the following section. Grant of License by VTC	Upon receipt of full payment for the Transformer and conditioned upon Customer not defaulting on its obligations under this Agreement, VTC hereby grants to Customer a perpetual, royalty-free license to use the Intellectual Property Rights of VTC which are incorporated in the Transformer. Such license is limited solely to the use of the Transformer by Customer for the purposes and at the location described in your Proposal. Customer may only transfer this license to a third party upon first providing VTC with a written acknowledgment by such transferee of VTC's ownership of its Intellectual Property Rights contained in the Transformer.
	Customer Response	
12	Requesting the insertion of the following section. Purchase Orders	If any purchase order submitted by the owner/purchaser contains or invokes terms or conditions other than this Contract or the Terms and Conditions agreed to between VTC and the purchaser, then Seller/VTC may, without penalty reject said terms and conditions on the purchase order by striking them out.
	Customer Response	

Crete, NE; Doane Substation Medium Voltage Switchgear (#8508670)

Owner: City of Crete

Solicitor: Olsson, Inc. (Lincoln, NE)

Bid Opening Date: June 29, 2023 - 10:00 AM CDT

Olsson Project # 022-02597

Contractor				Harold K. Scholz Co. Ralston, NE		Malloy Electric Sioux Falls, SD	
Line Item	**Item**	**Unit**	**Qty**	**Unit Price**	**Extension**	**Unit Price**	**Extension**
Base Bid:							
1	15kV Switchgear	LS	1	$962,125.00	**$962,125.00**	$1,215,068.49	**$1,215,068.49**
1A	15kV Switchgear (if contractor has more than one approved manufacturer)	LS	1	$0.00	$0.00	$1,324,657.53	**$1,324,657.53**
Alternate Bid:							
2	35kV Switchgear	LS	1	$0.00	$0.00	$1,997,364.38	**$1,997,364.38**
2A	35kV Switchgear (if contractor has more than one approved manufacturer)	LS	1	$0.00	$0.00	$0.00	$0.00
Lead Time				52-54 Weeks		lesser bid 92-94 weeks higher bid 76-78 weeks	

Crete, NE; Doane Substation Transformer (#8512839)
Owner: City of Crete
Solicitor: Olsson, Inc. (Lincoln, NE)
Bid Opening Date: June 29, 2023 - 10:30 AM CDT
Olsson Project # 022-02597

Contractor				Virginia Transformer Roanoke, VA		Malloy Electric Sioux Falls, SD	
Line Item	**Item**	**Unit**	**Qty**	**Unit Price**	**Extension**	**Unit Price**	**Extension**
Base Bid:							
1	Transformer	LS	1	$876,669.00	$876,669.00	$1,450,666.67	$1,450,666.67
1A	Transformer (if contractor has more than one approved manufacturer)	LS	1	$0.00	$0.00	$0.00	$0.00
Base Bid Total:					**$876,669.00**		**$1,450,666.67**
Lead Time					45-50 weeks		72 weeks
Notes							Drawing Submittal ready in 22 weeks

ACCOUNT #:_____

AGREEMENT AND WAIVER OF NOTICE

I, _____, hereby represent that I am currently a domestic subscriber at _____ of the City of Crete Utility System and that I have a delinquent bill for electric, water and sewer service in the amount of $_____ **$2/day**.

I understand that I will be charged **$2.00** per day until paid in full. Must pay in Cash, Cashier's check, Credit Card and/or Money Order (no checks allowed).

I further acknowledge that I represent all other users of the domestic service at the above location and that I have received notice of discontinuance of service and hereby understand that if agreed payment is not made my utility service will be discontinued.

I hereby agree to make payment to the City of Crete for my delinquent utility bill in the following manner:

Amount of Bill:	$
Reconnect Fee (if any):	$
Late Fees ($2.00/day):	$
Total Amount Due:	$
Date Due (By 3:00 p.m.)	

I further understand that in consideration for the extension of time to pay my delinquent utility bill that I hereby waive any further notice of discontinuance of service that may be required under S70-1601, et. Seq, R.R.S., 1943, and hereby understand that if I do not fulfill the terms of this agreement the City of Crete will be allowed to disconnect my service without any further notice being required.

Reason for Waiver:_____
_____
_____
_____

Date:_____ X_____
Customer Signature

_____ _____
Witness Customer Phone Number

FOR OFFICE USE ONLY

Hardship reason (check one):

☐ Medical Expense
☐ Loss of Income (Job, SSI, Child Support and/or ETC – to be determined)
☐ Certain expenses to repair casualty losses to a principal residence (such as losses from fires, earthquakes, or floods)
☐ Possible foreclosure or eviction
☐ Burial or funeral expenses
☐ Life altering events _____
☐ Other _____
☐ Not Approved – Reason _____

☐ Primary Customer – Check account and make sure ID matches name on account
☐ Reoccuring – Check to see prior waivers on account in the last year #_____
When was last waiver on account _____

☐ Payment made on account as agreed	Date:_____	Circle Payment Type:
☐ Disconnection for nonpayment	Date:_____	Cash
☐ Reconnected (additional $40.00 + waiver)	Date:_____	Cashier's Chk
☐ Forwarded for collection	Date:_____	Credit Card
		Money Order

Finance Director approval signature and date:

_____

City Administrator/Office Manager/City Clerk approval signature and date:

_____

ECONOMIC DEVELOPMENT PROGRAM
APPLICATION FOR FUNDS

Please Type or Print Clearly and Answer Each Question *(If Question Does Not Apply – Mark N/A).*

Please Note: The Information Contained in this portion of the document is Public Information and will **NOT** be Considered Confidential.

A. APPLICANT INFORMATION:

Name of Entity Applying for Assistance: ALLO Crete, LLC

Business Address: 330 S 21st St Lincoln NE 68510
(City) (State) (Zip Code)

Contact Person: Jane Mohling Telephone Number: 4025256130

Fax Number: _____ Email Address: jane.mohling@allofiber.com

Federal Tax ID Number: 74-3064505

Type of Entity: ☐ Start-Up ☐ Buyout ☑ Existing

If Existing, Number of Years in Business in Crete: 0

Business Classification: (Please Choose One)

☐ Retail ☐ Manufacturing ☐ Research & Development
☐ Headquarter ☑ Telecommunications ☐ Tourism
☐ Warehouse/Distribution ☐ Government ☐ Other

Business Type: (Please Choose One)

☐ Proprietorship ☐ Corporation ☐ Partnership
☑ LLC ☐ Governmental Entity ☐ Other

Does the Company have a Parent or Subsidiaries? ☑ Yes ☐ No

If Yes, Please List Name: ALLO Communications LLC (parent)
Address: 330 S 21st St Lincoln NE 68510
(City) (State) (Zip Code)

CRETE NEBRASKA Community in Motion NEBRASKA ECONOMIC DEVELOPMENT CERTIFIED COMMUNITY

To LB840 Applicant:

CONGRATULATIONS on taking the first step to being awarded additional funds to help your business or event in Crete. The funds available for Economic Development, resulting from the citizen-approved sales tax increase that took effect April 1, 2011, are available first come to businesses, events and projects that meet the requirements of Crete's written Economic Development Plan, which can be found online at www.crete.ne.gov/vnews/display.v/ART/58fa7907ccebf. A written copy is also available from the City of Crete Economic Development Director.

Please review the Economic Development Plan and confirm that your project or business is eligible. Applications may be recommended for funding in full or in part or may be denied based upon the review of the Board. Final decisions regarding funding will be made by the City Council but according to the terms of the Plan, in no event may the City Council fund any Application not previously reviewed and approved by the citizen Board.

In this packet you will find an Application for Funds, a US Citizenship Attestation Form and a Check List of required items. As you will see, the Application is detailed and requires significant information and additional verification documents. If you need assistance with the application please contact any Economic Development Advisory Board member. *If you have questions, please call the Economic Development Office, at 402-826-4312 or email the City Administrator, tom.ourada@crete.ne.gov*

Please note that the first portion of the application will be open to the public and may be provided to the City Council for final funding review. The balance of the application and all supporting documentation including personal financial information is confidential and will only be shared with members of the Economic Advisory Board for purposes of considering your application. All confidential records will be maintained in the office of the Economic Development Board and will be kept separately and not be available for review by the public. Any questions or concerns regarding this process shall be directed to the City Administrator.

All Applicants will be required to attend a public hearing for presentation regarding their request for funding. Public hearings will be held at least quarterly and may be held more frequently at the request of the Board. All Applications presented within the three months preceding a Public Hearing will be set for presentation and consideration at the same meeting. The Board may make a recommendation for funding at the public hearing, or may vote to table an application for further information, but in no event shall an application be tabled more than once so that all decisions will be made not more than three months after the initial public hearing regarding an application. There is no guarantee that a determination will be made less than three months after submission so all applicants are urged to make timely requests for funding if projects or events have set timelines.

Mail or deliver completed application with all supporting documentation and forms to:

Economic Development Program Director
City of Crete City Hall
243 E. 13th Street, P.O. Box 86
Crete, NE 68333

We look forward to working with you through the application process.
Equal Opportunity and Fair Housing Provider and Employer

Ownership Identification: Please List all Officers, Directors, Partners, Owners, Co-owners and Stockholders.

Full Name	*Title*	*Ownership Percentage*
ALLO Communications LLC	Sole Member	100

Which type of assistance is the entity applying for?

☑ Grant ☐ Loan Guarantee If so, Lender? _____ ☐ Other

Explain: Grant to fund interior buildout of storefront building.

What is the general purpose of the request (must be an allowed LB840/Economic Dev. Plan Project)?

☑ New Development ☐ New Business Startup ☑ Building Renovation ☐ Public Works

☐ Professional/Employee Recruitment ☐ Promotion/Tourism ☐ Job Training

☐ Working Capital ☐ Low - Moderate Income Housing ☐ Workforce Housing

☐ Technology ☐ Plan Management ☐ Technical Assistance ☐ Equity Investment

Does the business qualify to receive any incentives from the State of Nebraska? ☑ Yes ☐ No ☐ DK

Has the business applied for any incentives from the State of Nebraska? ☑ Yes ☐ No

If yes, please explain: ALLO Communications participates in ImagiNE Nebraska Act.

Employee Information: (FTE = Full-Time Equivalent = 2,080 Hours/Per Year)

Number of Existing Full-Time Equivalent Employees: 1300

Number of Full-Time Equivalent Positions to Be Created: 6 in Crete (projected)

Will all of the Full-Time Equivalent Positions be Physically Located within the City of Crete, their Two- Mile Extraterritorial Jurisdiction or on Land Held in the Name of the City of Crete?

☑ Yes ☐ No

If no, please explain: _____

Does the Company Employ Any Seasonal Employees? ☐ Yes ☑ No

If Yes, How Many: _____

(Seasonal employees must work for at least three continuous months and the position must reoccur annually)

B. PROJECT INFORMATION:

Please provide a Brief Project Summary Description:

ALLO will be building a citywide Fiber to the Premises (FTTP) network in Crete, which will provide high-speed broadband internet, cable TV, and phone service to households, businesses, and governmental and educational entities. We estimate our total project cost will be nearly $4 million. To support the services it will provide as part of the project, ALLO has signed a 5 year lease with two 5 year renewal options for the building 1228 Main Avenue, Crete. This location will serve as ALLO's local storefront. ALLO will base our local operations and support customers in the Crete community from this location. To effectively use this location as a storefront, ALLO will first need to remodel the interior of the building. This will include hanging drywall, installing demising walls, installing a front desk and cubicles, restoring the original historic tin ceiling, upgrading mechanicals including electrical wiring and HVAC, and making other upgrades and improvements to the interior of the facility.

ALLO's FTTP construction will be funded entirely through private capital. ALLO respectfully requests that half its storefront buildoutexpenses be funded through an LB840 Economic Development Grant. The storefront buildout has not yet been bid out, but based on prior experiences, we estimate it will cost $90,000.

Use of Funds	Total Project Cost	Econ Dev Funds Requested
Land or Building Acquisition	$ 107,907.00	$ 0.00
Renovation/Rehabilitation	$ 90,000.00	$ 45,000.00
New Construction	$ 3,631,455.00	$ 0.00
Machinery / Equipment Acquisition	$ 0.00	$ 0.00
Business / Employee Recruitment Activities	$ 0.00	$ 0.00
Technology Costs	$ 0.00	$ 0.00
Small Business Development	$ 0.00	$ 0.00
Working Capital (Includes Inventory)	$ 0.00	$ 0.00
Job Training	$ 0.00	$ 0.00
Other	$ 0.00	$ 0.00
Total Project Cost	$ 3,829,362.00	
	Total LB840 Funds Requested:	$ 45,000.00

C. FUNDING SOURCES AND EQUITY INJECTION:

If Borrowing, Name of Lender: NA

Loan Amount: _____ Loan Term (Years): _____

Amount Injected Into the Project by Business/Partners/Owners:

_____

Other Funding Source(s) and Amount(s): TD Credit Facility (see attached Current Obligations sheet)

CRETE NEBRASKA Community in Motion NEBRASKA ECONOMIC DEVELOPMENT CERTIFIED COMMUNITY

C. PROJECT LOCATION:

Within the Crete City Limits?	☑ Yes	☐ No
Within the Crete Two-Mile Jurisdiction?	☐ Yes	☑ No
Land Owned by the City of Crete?	☐ Yes	☑ No
Not Located in Crete but for area benefit?	☐ Yes	☑ No

If Not in City Jurisdiction, please explain local benefit:

_____

_____

D. **ATTACHMENTS:** - Please Include the Attachments that Apply to Your Entity – ***See checklist Page 5.***

Please Note: The Information provided pursuant to this Section **Will** be Deemed Confidential and will not be Available for Public Disclosure.

- Business Plan: Brief Description of the Business
- Resumes of all Owners/Co-Owners/Directors/Partners/Stockholders
- For Existing Businesses – Three (3) Yearly Financial Statements
- For Existing Businesses – Current Financial Statements (Less Than Sixty (60) Days Old)
- For Existing Businesses - List of Current Obligations (Include Company Names and Amounts)
- For Start-Up Businesses – Current Business Plan
- For Start-Up Businesses – Three Year Projections
- Tax Returns – Previous Three (3) Years – Personal Tax Returns May be Required for Proprietorship
- Letter from Lending Institution if applicable
- If a Corporation, LLC or Other Legal Entity - Copy of Organizational Documents (Articles, Bylaws)
- Please Note that Other Financial Documents May Be Required

E. APPLICANT SIGNATURE:

I certify that the information contained in this application and all attachments are correct to the best of my knowledge. By signing below, I authorize the City of Crete or their contracted representative to check my credit and the credit of all who are listed within this application. I understand that I must update my credit information if my financial situation changes.

_____ 6/29/23

Applicant's Signature Date

Nestlé PURINA BUNGE Smithfield Good food. Responsibly. DOANE UNIVERSITY Bryan Health

Checklist for Local Economic Development Program Application

For a qualifying business to be considered for direct or indirect financial assistance under the Crete Local Economic Development Program an applicant must provide to the City Administrator or Program Administrator:

- ❑ A completed and signed application with all required support documents including, but not limited to:
  - ❑ A detailed description summary of the proposed project which clearly states what assistance the business is requesting from the program, including evidence that the project qualifies for assistance under the Local Option Municipal Economic Development Act and is consistent with the goals of the Crete Local Economic Development Program.
  - ❑ Use of Funds – Total project costs and financing requirement; include copies of any preliminary bids (if applicable/available).
  - ❑ A review of key management and employees and their experience as related to the proposed project.

- ❑ Start Up Business
  - ❑ Current Business Plan for the project and the company, including employment and financial projections;
  - ❑ Three (3) Years Financial Projections
  - ❑ Past three years personal tax returns

- ❑ Existing Business:
  - ❑ Most Current Business Plan
  - ❑ Three (3) Yearly Financial Statements: Profit & Loss Statements, Cash Flows and Income Statements covering the last three years of business operation, or if a new business, personal income statements.
  - ❑ List of Current Obligations (include company Names and Amounts)
  - ❑ Past three years personal tax returns

- ❑ Letter from Lending Institution(s) (if applicable): Evidence of private financing commitments for investors or lenders.

- ❑ If a Corporation, LLC or Other Legal Entity - Copy of Organizational Documents (Articles, ByLaws)

- ❑ Resume(s) of all owners/co-owners/directors/partners/stockholders: Necessary entity or personal financial information about the Applicant(s), including name, address, past experience, work history, and related information.

- ❑ Other information or financial documentation as requested.

Questions: Contact City Administrator, Tom Ourada, at 402-826-4313 or email tom.ourada@crete.ne.gov. **Return** application and supporting documentation to City Administrator, at City Hall, 243 E. 13th Street, Crete, NE 68333

United States Citizenship Attestation Form

For the purpose of complying with Neb. Rev. Stat. §§ 4-108 through 4-114, I attest as follows:

☑ I am a citizen of the United States.

— OR —

☐ I am a qualified alien under the federal Immigration and Nationality Act, my immigration status and alien number are as follows: _____, and I agree to provide a copy of my USCIS documentation upon request.

I hereby attest that my response and the information provided on this form and any related application for public benefits are true, complete, and accurate and I understand that this information may be used to verify my lawful presence in the United States.

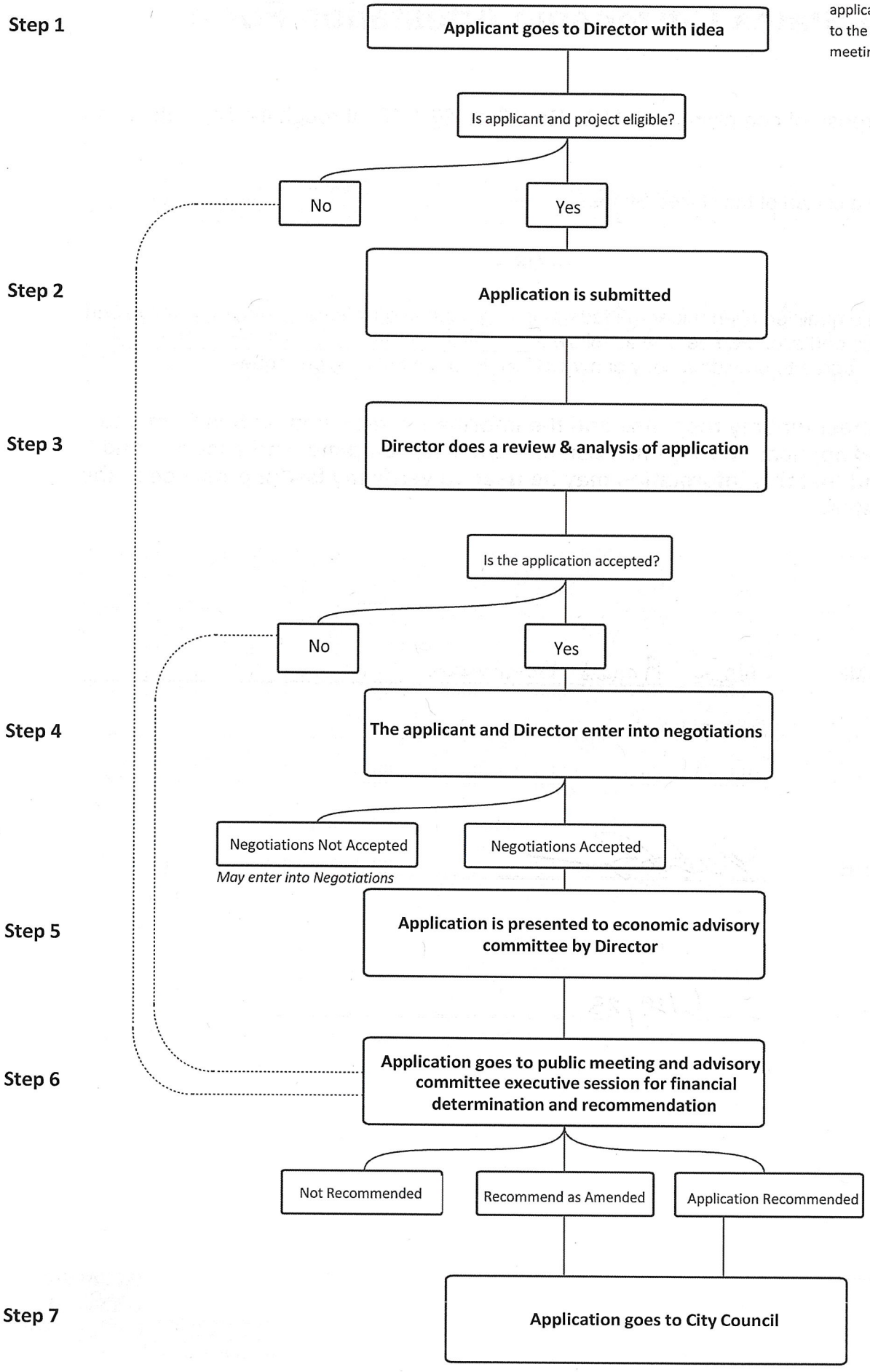
PRINT NAME (first, middle, last)	Nate Ronald Buhrman
SIGNATURE	
DATE	6/29/23

DOWNLOAD/SAVE PRINT

LB 840 APPLICATION PROCESS

Next Step In Process

If application is denied, the applicant has the ability to appeal to the advisory board at a public meeting



STATE OF NEBRASKA

United States of America, } ss.
State of Nebraska }

Secretary of State
State Capitol
Lincoln, Nebraska

I, Robert B. Evnen, Secretary of State of the State of Nebraska, do hereby certify that

ALLO CRETE, LLC

was duly formed under the laws of Nebraska on January 6, 2023;

all fees, taxes, and penalties due under the Nebraska Uniform Limited Liability Company Act or other law to the Secretary of State have been paid;

the Company's most recent biennial report required by section 21-125 has been filed by the Secretary of State;

the Secretary of State has not administratively dissolved the company;

the Company has not delivered to the Secretary of State for filing a Statement of Dissolution;

a Statement of Termination has not been filed by the Secretary of State.

This certificate is not to be construed as an endorsement, recommendation, or notice of approval of the entity's financial condition or business activities and practices.

In Testimony Whereof,

I have hereunto set my hand and affixed the Great Seal of the State of Nebraska on this date of

June 6, 2023

Secretary of State

Verification ID c511a2a has been assigned to this document. Go to ne.gov/go/validate to validate authenticity for up to 12 months.

Filing Document #: 9000814579 Pages: 2
Corporation Name: ALLO CRETE, LLC
Filing Date and Time: 01/06/2023 12:02 PM

CERTIFICATE OF ORGANIZATION

OF

ALLO CRETE, LLC

ARTICLE 1

Name

The name of this limited liability company is ALLO Crete, LLC (the "Company").

ARTICLE 2

Designated Office

The Company's designated office in Nebraska is 121 S. 13th Street, Suite 100, Lincoln, NE 68508.

ARTICLE 3

Agent for Service of Process

The agent for service of process for the Company is C T Corporation System, 5601 South 59th Street, Lincoln, Nebraska 68516.

Dated as of this 4th day of January, 2023.

ALLO Crete, LLC

By: _____

Charles F. Kaplan, Organizer

CONSENT TO USE OF NAME

ALLO Communications LLC, a Nebraska limited liability company, for itself and for each of its direct and indirect subsidiaries and affiliates, hereby consents to the use of the name for itself and on behalf of any affiliates which contain (or do business using) the word "ALLO" or a name otherwise similar to "ALLO" by the following, which is in the process of organizing in Nebraska and proposing to use such name, the sole member of which is an affiliate and under common ownership with the undersigned limited liability company:

ALLO Crete, LLC

Dated as of the 4th day of January, 2023.

ALLO Communications LLC, a Nebraska limited liability company

By: _____
William J. Munn, Secretary

Bradley A. Moline
Brad.Moline@allofiber.com
(308) 633-7802

Education:

University of Nebraska-Lincoln, Lincoln, Nebraska
Bachelor of Science in Business Administration – Emphasis in Accounting
With Distinction

Experience:

President and Founder
ALLO Communications LLC, Lincoln, Nebraska
October 2002 – Present

- Oversaw the buildout (including design, construction, and ongoing maintenance and operations) of more than 30 fiber optic networks throughout Nebraska, Colorado, and Arizona, totaling approximately 1 million in population
- Oversaw the Fiber-to-the-Premise build of Lincoln, Nebraska. Construction of the all-underground network was completed in 3 years, more than 2 years ahead of schedule.
- Oversees day-to-day company activities
- Works with key accounts to ensure service expectations are met
- Evaluates customer fit of new technologies

Director
Covenant Transport, Inc., Chattanooga, Tennessee
May 2003 – Present

- Member of audit committee
- Member of compensation committee
- Former Chief Financial Officer (1994 to 1997)
- Oversaw initial public offering and revenue growth from $80 million to $300 million

President
Imperial Super Foods, Inc., Imperial, Nebraska
February 2002 – Present

- Reviews results and returns
- Meets with Vice President to discuss day-to-day operations

Chief Financial Officer
Birch Telecom, Inc., Kansas City, Missouri
1997 – 2001

- Built business plan that resulted in $300 million of annual revenues
- Raised over $700 million in financing
- Evaluated financial viability of a variety of technologies for the competitive carrier

Allison O'Neil
Allison.Oneil@allofiber.com
(308) 883-0190

Education:

University of Nebraska-Lincoln, Lincoln, Nebraska
Bachelor of Business Administration
Major: Finance Minor: Mathematics

Experience:

Chief Experience Officer
ALLO Communications LLC, Lincoln, Nebraska
October 2004 – Present

- Manages provisioning team
- Analyzes monthly billing and submits billing disputes
- Updates billing system on a weekly basis
- Supervises accounting entries and accounts payable
- Monitors company bank accounts and reconciles monthly statements
- Calculates and remits all taxes and surcharges
- Maintains company tariff
- Submits required FCC forms to the Universal Service Administrative Company for Fund Administration, High Cost, Low Cost, and School and Libraries Support
- Maintains communication with Nebraska Public Service Commission including:
  - Submission of monthly line count information and all required regulatory forms
  - Point of contact for employee group health insurance and commercial insurance
  - Established employee retirement plan

Financial Analyst
Gilmore & Bell, P.C., Kansas City, Missouri
December 2002 – October 2004

- Completed detailed financial analysis for arbitrage rebate calculations
- Verified 8038 numbers for bond issues including Bond Yield, TIC, and Weighted Average Maturity
- Prepared amortization schedules for lease and bond closings
- Analyzed arbitrage rebate regulations to assure accuracy of calculations

Fund Accountant
State Street, Kansas City, Missouri
August 2001 – December 2002

- Responsible for daily accounting of mutual bond funds
- Reconciled and reported foreign and domestic cash balances daily
- Calculated, analyzed, and reported Net Asset Value on a daily basis
- Prepared monthly financial reconciliation reports
- Trained new group members

Nate Buhrman

Nate.Buhrman@allofiber.com
(402) 429-1013

Education:

University of Nebraska-Lincoln, Lincoln, Nebraska
Bachelor of Science in Mathematics and Actuarial Science
With High Distinction

College for Financial Planning
Certified Financial Planner Professional Education Program

Experience:

Chief Financial Officer
ALLO Communications LLC, Lincoln, Nebraska
March 2017 – Present

- Oversees finance and accounting functions including internal controls and financial planning and analysis
- Interprets and facilitates analysis to support strategic business decisions
- Develops and benchmarks performance metrics to drive target outcomes

Director of Finance and Analytics December 2015 – April 2017
Manager of Finance, Accounting, and Analytics July 2014 – December 2015
Financial Analyst I – III Supervisor January 2010 – July 2014
Nelnet, Inc., Lincoln, Nebraska

- Provided and interpreted strategic analysis to drive target outcomes
- Oversaw budget and forecasting process including annual budget presentation and monthly financial reporting
- Performed CBA/ROE/ROI analysis for current and potential investments
- Developed and coached team members to be high performing contributors
- Took part in dialogue with managing directors and executive leadership to convey current trends and potential future trends in business
- Forecasted revenue and expenses for multiple business lines
- Developed pricing models and strategy for contract renewals and new business opportunities
- Turned data into actionable information improving business performance
- Developed and benchmarked appropriate performance metrics to drive efficiency and future business decisions

Financial Advisor/Chief Compliance Officer/CFO
Capital Consulting and Asset Management, Lincoln, Nebraska
July 2007 – January 2010

- Provided long term financial planning and investment management for successful professionals and businesses
- Prepared company financial reports, billings, and various regulatory filings
- Coordinated, implemented, and audited compliance controls and programs to ensure compliance with SEC regulations
- Prospected potential business and built on existing client base

Gerald Todd Heyne

Todd.Heyne@allofiber.com
(402) 263-6566

Education:

United States Naval Academy
Bachelor of Science in Systems Engineering
With Distinction

Naval Postgraduate School
Master of Business Administration
With Distinction

Experience:

Chief Construction Officer
ALLO Communications LLC, Lincoln, Nebraska
May 2017 – Present

- Integrates fiber to the premise construction, design, engineering, and company training into the ALLO business plan and corporate strategy.
- Evaluates new community and M&A business development opportunities.
- Leads 300+ ALLO teammates and multiple contract partners to construct world class infrastructure in 45+ communities in Nebraska, Colorado, and Arizona.
- Oversees all ALLO training programs - sales, customer service, tech support, installation, design, and construction.
- Member of the ALLO C-suite and executive team.

Chief of Staff
Office of the Secretary of Defense, Washington, D.C.
May 2016 – May 2017

- Coordinated staff actions across a broad portfolio, including cyber training, distributed learning, joint training, and military education, language and culture education
- Executive oversight of more than 100 civilian, military, and contract, and budget of $1.1B
- Developed proposals, established, and implemented staff processes to enable strategic, policy, and legislative decisions

Military Deputy
Office of the Secretary of Defense - Readiness (Force Education), Washington, D.C.
November 2015 – May 2016

- Developed policy and legislation for joint professional military education, service war colleges, voluntary education, executive fellowships, and financial education
- Supervised the Force Education team and managed a budget of $73M

Deputy Director for Training
Office of the Secretary of Defense – Manpower and Reserve Affairs, Washington, D.C.
June 2013 – November 2015

- Responsible for policy, legislation, and resource allocation for DoD Reserve Component readiness, training, and mobilization initiatives

Commanding Officer/Executive Officer
VAW-77, New Orleans, Louisiana
June 2010 – March 2013

- Responsible for the leadership of 160 Navy and civilian personnel
- Executive oversight of $480M E-2C Hawkeye aircraft and $16.5M operating budgets

Executive Officer
VAW-120, Norfolk, Virginia
April 2009 – May 2010

- Responsible for the leadership, training, administration, and manpower of 650+ instructors and students in the E-2C Hawkeye and C-2 Greyhound aircraft

VAW Readiness and Reserve TACAIR Program Manager
Naval Air Force Atlantic, Norfolk, Virginia
June 2007 – April 2009

- Responsible for the manning, training, and equipping of 19 squadrons with more than 2,000 personnel and a budget in excess of $100M
- Managed, measured, and reported on readiness of E-2C and Reserve tactical aircraft communities

Squadron Department Head
VAW 77, Atlanta, GA
December 2002 – October 2005

- Responsible for the daily operations, training, education, and scheduling of 57 aircrews and 6 aircraft

NFO Instructor/E-20 Model Manager
VAW 120, Norfolk, Virginia
June 1999 – December 2002

- Responsible for the instruction of 80+ Naval Flight Officers and Safety program for all E-2C aircraft.
- Conducted eight-unit compliance evaluations and 57 standardization flights

Don Schoening

Don.Schoening@allofiber.com
(402) 781-4078

Education:

University of Nebraska-Lincoln, Lincoln, Nebraska
Bachelor of Science in Business Administration

Military:

Nebraska Air National Guard
Egress Mechanic/Staff Sergeant

Experience:

Chief Field Services Officer
ALLO Communications LLC, Lincoln, Nebraska
2017 – Present

- Provides operational and strategic direction for installation field technicians
- Responsible for the planning and development of ALLO regional goals
- Oversight of company safety program including OSHA compliance

Senior Manager of Field Operations – Lincoln
ALLO Communications LLC, Lincoln, Nebraska
2016 – 2017

- Primary contributor to the design of internal processes to optimize field operations
- Monitored field technicians for compliance and productivity attainment
- Supervised and directed four managers with overall team leadership of 100+ field personnel

Operations Manager
Windstream, Lincoln, Nebraska
2000 – 2016

- Responsible for the day-to-day operations management of Lincoln area
- Participated in annual budget planning and preparation
- Provided customer compliant management, including follow-up and resolution
- Provided team management, including daily coaching for compliance and performance appraisals
- Directed Nebraska Safety Team

Account Executive
Windstream, Lincoln, Nebraska
1999 – 2000

- Conducted daily calls to prospective and current customers
- Provided lead follow-up for proposal opportunities
- Performed customer network audits and offered price competitive solutions
- Cultivated and developed customer relations via face-to-face meetings

Telecommunication Customer Service Analyst
Nebraska Public Power District, Lincoln, Nebraska
1998 – 1999

- Analyzed network elements to ensure activity and validate cost
- Coordinated internal telecommunication request to facilitate business needs
- Ordered network elements from local and national network providers

BUSINESS MODEL—ALLO LB840 APPLICATION

The business approach ALLO intends to use for the Crete project will mirror the approach used in our other markets. The business model includes all stages of the project, from design through construction to sales, installation, and ongoing support.

Design & Feasibility – ALLO has designed its network using our playbook, auto-design programs, and available GIS information for the community and existing utilities to provide an optimized plan for ubiquitous fiber coverage in Crete with a specific focus on utilizing the City's current infrastructure.

An integral part of this process includes collaboration with Crete to gain local knowledge and expertise, including detailed knowledge of city-owned assets, construction requirements, upcoming capital projects, and permitting processes.

The City's willingness to offer a streamlined permitting process and ROW options will be very helpful in the process.

ALLO's proven construction management processes will be utilized in order to minimize construction and operational risk as well as reduce overall costs. The GIS design will be finalized with inputs from local utility experts and the ALLO construction team, resulting in a final comprehensive design for the defined area.

Construction Process – The construction process will be managed by ALLO with ALLO construction personnel supported by a third-party construction contractor. The construction vendor selection process will focus on contractors and managers that are familiar with the region and ALLO's construction and safety expectations. ALLO will provide oversight of these contractors to ensure the network is built to the designed specifications.

Quality will be checked by the City, ALLO, and others to verify appropriate construction standards, meet budget expectations, and ensure completion timeliness. The construction of a highly dependable network in a cost and time-efficient manner is the goal for all involved. Safety is a focus throughout the project.

Connection to ALLO's Service Platform and Network Operations Center – Concurrent with the construction effort, redundant connections to ALLO's service platform and Network Operations Center (NOC) will be completed. The connections will enable ALLO's NOC and service platform for the City.

Service Launch – Approximately six months after the start of construction, customers located in the initial service areas will be connected to the network. ALLO will provide a full suite of products and services using our existing service model.

Customer Connections – Connections from the easement to the home or building will be powered using a common GPON solution. A homogenous network ensures a cost-efficient design with network dependability and security. ALLO utilizes a Calix GPON solution from the central office to the Wi-Fi6 router.

Connectivity for large businesses and large governmental entities will be provided with individualized solutions (such as Calix, Adtran, and Cisco), including active Ethernet connections

and fully redundant paths and entrances, when required. The standard network design will accommodate both GPON and active solutions.

Installation - ALLO will be responsible for the installation of equipment and services to the customer premises. We install a full suite of residential, business, and governmental products including internet, broadband transport, video, voice services, and voice equipment over fiber transport. Our systems are proven, cost-efficient, and drive high customer satisfaction results.

Network Operations/Customer Service – A core component of ALLO's success is that we are largely self-sufficient. ALLO employs all personnel responsible for the ongoing operations of the network, including operations, marketing, social media, and maintenance. Our experienced 1,300+-person operation has proven successful throughout numerous cities and public-private partnership models.

Proven products and a consistent service model create customer satisfaction through world-class solutions. ALLO's solution provides customer service excellence that is extremely scalable. Technicians, customer service representatives, sales engineers, and sales personnel hired and located in the Crete area will be supported by ALLO's 24/7/365 NOC and existing customer service representatives to ensure the network is performing for all customers.

ALLO operates all of our networks with the same professionalism by utilizing consistent technology, equipment, processes, and systems. ALLO will provide incremental personnel, systems, etc. to ensure a successfully operated network.

Local Presence -- One of ALLO's four core values is to be "Local". To support this core value, we will open an office in Crete, as we have done in our other communities. ALLO's decentralized model focuses on local support.

ALLO will have local employees staffing a retail storefront and will also have other local employees including, but not limited to, installers, technicians, customer technical support personnel, facility locaters, salespeople, outside plant personnel and customer service representatives. ALLO also hires remotely (particularly when the customer lives on-network) for positions such as Design, Engineering, and IT support.

Our local sales and marketing model includes sales offices, salespeople, and community involvement. We find it valuable to operate local and approachable sales offices where customers can test-drive services, ask questions, or have experts design tailored solutions to meet unique needs.

ALLO maintains employment levels in our communities to provide a strong local experience. Sales and marketing become more important as the operation matures. The best way to compete long-term and to keep and grow our customer base is through local sales and service backed by industry-leading customer service, as proven in the markets that ALLO serves today.

Summary

ALLO's proven business model and experience provide the lowest risk and greatest benefit to Crete and the community. The solution involves minimal technical, operational, and execution risk, and is proven through successful implementations and operations in ALLO's existing communities.

ALLO requires that design, network technology, construction oversight, and network operations be led by our experienced, professional team. A consistent operational model will result in ALLO's award-winning service, consistency, and excellence for the City of Crete.

ACTION BY WRITTEN CONSENT
OF THE SOLE MEMBER OF
ALLO COMMUNICATIONS LLC

The undersigned, being the sole member (the "Member") of **ALLO Communications LLC**, a Nebraska limited liability company (the "Company"), does hereby adopt the following resolutions by written consent without a meeting, in accordance with Section 21-136 of the Nebraska Uniform Limited Liability Company Act (the "Act"), effective as of January 18, 2021 notwithstanding the date of execution:

1. Acceptance of Duties of Management.

WHEREAS, the Member of the Company has determined in connection with the business of the Company that it is in the best interests of the Company to accept duties of management and to carry on the business on behalf of the Company;

NOW, THEREFORE BE IT RESOLVED, that the Member following is hereby designated as authorized entity and shall have full power and authority to act on behalf of the Company, holding the office in accordance with the terms of the LLC Agreement.

2. Authorization to Conduct Business.

WHEREAS, the Member of the Company has determined in connection with the Company's business that it is in the best interest of the Company to establish bank accounts, and other trading accounts as necessary or desirable for the conduct of the business.

WHEREAS, the Company may be required to obtain a number of licenses, permits, registrations and approvals to lawfully conduct all or portions of its business.

NOW, THEREFORE, BE IT RESOLVED, that the Member is authorized to establish in the name of the Company such bank accounts and other trading accounts as the Member deems necessary or appropriate for the conduct of the Company's business; and be it

FURTHER RESOLVED, that the Member be, and hereby is, authorized and directed to take all necessary or advisable actions to cause the Company to become lawfully empowered to conduct its business as set forth in the LLC Agreement and other agreements to which the Company is a party.

3. Appointment of Officers.

WHEREAS, the Member of the Company has determined in connection with the business of the Company that it is in the best interests of the Company to appoint officers of the Company to carry on the business of the Member on behalf of the Company;

NOW, THEREFORE BE IT RESOLVED, that the following individuals are hereby designated as authorized persons and shall have full power and authority to act on behalf of the Member, holding the offices adjacent to their names below:

Bradley A. Moline	President and Chief Executive Officer
Clinton Karcher	Vice President
Nate Buhrman	Vice President and Chief Financial Officer

Mark R. Pence	Secretary
James D. Kruger	Treasurer
Vladislava Rebeiz	Assistant Secretary

4. General Authorization.

WHEREAS, it is in the best interest of the Company to provide the Member with general authority and power to conduct the management and day-to-day affairs of the Company, subject to the restrictions, conditions and limitations set forth in the LLC Agreement.

NOW, THEREFORE, BE IT RESOLVED, that the Member is authorized to do and perform any and all acts, including execution of any and all documents and certificates as it deems necessary or advisable, to carry out the purposes of the foregoing resolutions; and be it

FURTHER RESOLVED, that any lawful actions taken by the Member prior to the date hereof that are within the authority conferred hereby are ratified, confirmed and approved in all respects as the acts and deeds of the Company; and be it

FURTHER RESOLVED, that in addition to the specific authorizations set forth in any of the foregoing Resolutions, the Member be, and hereby is, authorized to take from time to time any and all such action and to execute and deliver from time to time any and all such instruments, requests, receipts, notes, applications, reports, certificates and other documents as may be necessary or advisable in its opinion, to effectuate, consummate and comply with the purpose and intent of any of the foregoing Resolutions, subject in all cases to the restrictions, conditions and limitations on their authority as set forth in the LLC Agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has caused this Action by Written Consent to be executed by an authorized person as of the day and year first written above.

SOLE MEMBER OF COMPANY

ALLO Intermediate Holdings, LLC a Nebraska limited liability company

By: _____

Name: Mark R. Pence

Title: Secretary

EXHIBIT A

Certificate of Organization

See attached.

CRETE NEBRASKA Community in Motion NEBRASKA ECONOMIC DEVELOPMENT CERTIFIED COMMUNITY

ECONOMIC DEVELOPMENT PROGRAM
APPLICATION FOR FUNDS

Please Type or Print Clearly and Answer Each Question *(If Question Does Not Apply – Mark N/A).*

Please Note: The Information Contained in this portion of the document is Public Information and will **NOT** be Considered Confidential.

A. APPLICANT INFORMATION:

Name of Entity Applying for Assistance: Charpen Properties LLC

Business Address: 22441 SW 100th St Hallam NE 68368
(City) (State) (Zip Code)

Contact Person: Lukas Hansmeyer Telephone Number: 402-989-2019

Fax Number: _____ Email Address: louiehansmeyer@yahoo.com

Federal Tax ID Number: 92-3343017

Type of Entity: ☑ Start-Up ☐ Buyout ☐ Existing

If Existing, Number of Years in Business in Crete: _____

Business Classification: (Please Choose One)

☐ Retail	☐ Manufacturing	☐ Research & Development
☐ Headquarter	☐ Telecommunications	☐ Tourism
☐ Warehouse/Distribution	☐ Government	☑ Other

Business Type: (Please Choose One)

☐ Proprietorship	☐ Corporation	☐ Partnership
☑ LLC	☐ Governmental Entity	☐ Other

Does the Company have a Parent or Subsidiaries? ☐ Yes ☑ No

If Yes, Please List Name: _____

Address: _____
(City) (State) (Zip Code)

CRETE NEBRASKA Community in Motion NEBRASKA ECONOMIC DEVELOPMENT CERTIFIED COMMUNITY

Ownership Identification: Please List all Officers, Directors, Partners, Owners, Co-owners and Stockholders.

Full Name	*Title*	*Ownership Percentage*
Lukas Hansmeyer	Owner	100%

Which type of assistance is the entity applying for?

☑ Grant ☐ Loan Guarantee If so, Lender? _____ ☐ Other

Explain: _____

What is the general purpose of the request (must be an allowed LB840/Economic Dev. Plan Project)?

☐ New Development ☐ New Business Startup ☑ Building Renovation ☐ Public Works

☐ Professional/Employee Recruitment ☐ Promotion/Tourism ☐ Job Training

☐ Working Capital ☐ Low - Moderate Income Housing ☐ Workforce Housing

☐ Technology ☐ Plan Management ☐ Technical Assistance ☐ Equity Investment

Does the business qualify to receive any incentives from the State of Nebraska? ☐ Yes ☐ No ☑ DK

Has the business applied for any incentives from the State of Nebraska? ☐ Yes ☑ No

If yes, please explain: _____

Employee Information: (FTE = Full-Time Equivalent = 2,080 Hours/Per Year)

Number of Existing Full-Time Equivalent Employees: 1

Number of Full-Time Equivalent Positions to Be Created: 0

Will all of the Full-Time Equivalent Positions be Physically Located within the City of Crete, their Two- Mile Extraterritorial Jurisdiction or on Land Held in the Name of the City of Crete?
☑ Yes ☐ No

If no, please explain: _____

Does the Company Employ Any Seasonal Employees? ☐ Yes ☑ No

If Yes, How Many: _____
(Seasonal employees must work for at least three continuous months and the position must reoccur annually)

B. PROJECT INFORMATION:

Please provide a Brief Project Summary Description:

This project will take place at 131 West 13th St. The primary goals of the project will be to restore the building's early 20th century storefront and second floor recessed balcony and to create an attractive interior space suitable for a boutique or other retail business. Currently, the storefront and balcony are both walled-in and covered with vinyl siding.

On the main level, this will involve rebuilding the display window frame and installing new insulated glass units, replacing the residential-style shop entry door, repainting the storefront (the current paint is cracked and chipped), resurfacing the concrete steps, and uncovering the transom windows above the doors. Inside, several non-original walls that formed cubicles and a lobby area will be torn down, new flooring laid, the pressed metal ceiling repainted, the drop ceiling at the back of the building replaced, the walls repainted, and new light fixtures installed. Additionally, custom shelving units will be installed and the main level's air conditioning system will be replaced.

On the second story, the balcony's enclosing wall will be torn down and a railing installed. The drop ceiling above the balcony will be removed, and the flooring will be replaced and waterproofed. White paint will be gently stripped from the existing brick sections of the balcony walls.

Use of Funds	Total Project Cost	Econ Dev Funds Requested
Land or Building Acquisition	$	$
Renovation/Rehabilitation	$ 75,747.50	$ 56,810.63
New Construction	$	$
Machinery / Equipment Acquisition	$	$
Business / Employee Recruitment Activities	$	$
Technology Costs	$	$
Small Business Development	$	$
Working Capital (Includes Inventory)	$	$
Job Training	$	$
Other	$	$
Total Project Cost	$ 75,747.50	
	Total LB840 Funds Requested:	$ 56,810.63

C. FUNDING SOURCES AND EQUITY INJECTION:

If Borrowing, Name of Lender: First State Bank Nebraska

Loan Amount: $40,000 Line of Credit Loan Term (Years): _____

Amount Injected Into the Project by Business/Partners/Owners:
up to 50%

Other Funding Source(s) and Amount(s): _____

CRETE NEBRASKA Community in Motion NEBRASKA ECONOMIC DEVELOPMENT CERTIFIED COMMUNITY

C. PROJECT LOCATION:

Within the Crete City Limits?	☑ Yes	☐ No
Within the Crete Two-Mile Jurisdiction?	☐ Yes	☐ No
Land Owned by the City of Crete?	☐ Yes	☐ No
Not Located in Crete but for area benefit?	☐ Yes	☐ No

If Not in City Jurisdiction, please explain local benefit:

_____

_____

D. **ATTACHMENTS:** - Please Include the Attachments that Apply to Your Entity – ***See checklist Page 5.***

Please Note: The Information provided pursuant to this Section **Will** be Deemed Confidential and will not be Available for Public Disclosure.

- Business Plan: Brief Description of the Business
- Resumes of all Owners/Co-Owners/Directors/Partners/Stockholders
- For Existing Businesses – Three (3) Yearly Financial Statements
- For Existing Businesses – Current Financial Statements (Less Than Sixty (60) Days Old)
- For Existing Businesses - List of Current Obligations (Include Company Names and Amounts)
- For Start-Up Businesses – Current Business Plan
- For Start-Up Businesses – Three Year Projections
- Tax Returns – Previous Three (3) Years – Personal Tax Returns May be Required for Proprietorship
- Letter from Lending Institution if applicable
- If a Corporation, LLC or Other Legal Entity - Copy of Organizational Documents (Articles, Bylaws)
- Please Note that Other Financial Documents May Be Required

E.APPLICANT SIGNATURE:

I certify that the information contained in this application and all attachments are correct to the best of my knowledge. By signing below, I authorize the City of Crete or their contracted representative to check my credit and the credit of all who are listed within this application. I understand that I must update my credit information if my financial situation changes.

Lukas J. Hansmeyer _____ 6-12-23 _____

Applicant's Signature Date

Nestlé PURINA BUNGE Smithfield Good food. Responsibly. DOANE UNIVERSITY Bryan Health

United States Citizenship Attestation Form

For the purpose of complying with Neb. Rev. Stat. §§ 4-108 through 4-114, I attest as follows:

☑ I am a citizen of the United States.

— OR —

☐ I am a qualified alien under the federal Immigration and Nationality Act, my immigration status and alien number are as follows: _____, and I agree to provide a copy of my USCIS documentation upon request.

I hereby attest that my response and the information provided on this form and any related application for public benefits are true, complete, and accurate and I understand that this information may be used to verify my lawful presence in the United States.

PRINT NAME Lukas Jordan Hansmeyer

(first, middle, last)

SIGNATURE Lukas J. Hansmeyer

DATE 6-12-23

May 15, 2023

Project Description & Business Plan

Charpen Properties LLC

Project Description

Summary

Charpen Properties, owner of the two-story brick commercial building at 131 West 13th Street, plans to undertake a renovation and restoration of the building's facade and main level interior for the purpose of creating a useful and desirable space for retail businesses, as well as honoring the building's history and beautifying downtown Crete.

The Gruben Building

John H. Gruben, a prominent early settler of Crete, paid for the construction of the building in 1911 for the purpose of opening up a short-order restaurant. It has been home to a variety of businesses, including the Adams Express Company (1916), a Maytag store (1927-1929), Evans Print Shop (1929-1958), multiple electric companies (late 1960s, 1970s), Creation Interiors and Upholstery (mid- to late-1980s) and Movie Place Video (1990-1993). The building is unique in that it had a recessed balcony on the second floor, which is visible in early photographs of the Isis Theatre. Several modifications to its facade were made over the years, including enclosing the balcony, removing the storefront display window and transoms, and installing vinyl siding, causing it to be deemed "non-contributing" to the Crete Downtown Historic District.

Lukas and his wife Becky, in consultation with town historian Janet Jeffries, plan to apply for the building to be declared a contributing member of the Crete Downtown Historic District pending the completion of this project.

Project Overview

Lukas Hansmeyer, owner of Charpen Properties and a registered contractor with the State of Nebraska, will perform most of the labor required for the renovation. The primary goals of the project will be to restore the building's early 20th century storefront and second floor balcony and to create an attractive interior space suitable for a boutique or other retail business.

On the main level, this will involve rebuilding the display window frame and installing new insulated glass units, replacing the residential-style shop entry door, repainting the storefront (the current paint is cracked and chipped), resurfacing the concrete steps, and uncovering the transom windows above the doors. Inside, several non-original walls

Replace drop ceiling in back	$500	$500
Replace bathroom door with wider door	$200	$200
Replace floor	$5,000	$4,000
Replace trim/Interior doors	$5,000	$3,000
Custom shelving	$10,000	
New AC unit for main level	$4,500	
Drywall repair/ finishing	$300	$500
Estimated Total	$30,300	$13,200

Second Floor Exterior

	Materials	**Labor**
Remove exterior wall, flooring, and drop ceiling/debris removal	$200	$400
Repair original exterior wall/windows/door	$200	$200
Strip paint from brick	$100	$500
Waterproof balcony	$500	$500
Balcony flooring	$500	$500
Balcony railing	$2,500	$250
Stucco	$1,000	$1,000
Balcony ceiling	$500	$500
Lighting	$50	
Roof Repair	$800	$1,000
Estimated Total	$6,350	$4,850

Estimated Project Total: $51,447.50 (Materials) + $24,300 (Labor) = $75,747.50

Conclusion

In keeping with the City of Crete's goal to "encourage the development of additional specialty retail businesses, especially those catering to the needs of residents of Crete,

as well as those of visitors and travelers to the Community" (Comprehensive Plan, page 6.6), restoring the historical integrity of the Gruben Building will help beautify the downtown area, contribute to a sense of place, and attract specialty retail businesses to the historic district.

Business Plan

Executive Summary

Charpen Properties is a real estate management business created for the purpose of investing in commercial real estate in Crete, Nebraska. Owner Lukas Hansmeyer and his wife Becky are interested in the revitalization of downtown Crete and the preservation of its historic buildings. It is their desire to be honest, fair, responsive landlords who continually improve their properties for the benefit of their tenants and the community as a whole.

Legal Structure

Charpen Properties is structured as a single-owner LLC, owned by Lukas Hansmeyer.

Projections

With rent for the upstairs one-bedroom apartment set at $600/month and commercial retail space rent set at $1,050/month, Charpen Properties would expect a gross income of $19,800/year, with approximately $4,817 in expenses, for a net profit of $14,983. Over a period of three years, it would generate an estimated profit of $44,949. Expenses are broken down below. Tenants are responsible for paying for utilities (electric, natural gas, water/sewer, and trash removal).

Expense	**Approximate Annual Cost**
Insurance	$2,380
Taxes	$1,437
Maintenance	$1,000
Estimated Total Expenses	$4,817



First State BANK NEBRASKA

June 12, 2023

To: Crete City Administrator

I am writing this letter to inform you that Lukas & Rebecca Hansmeyer/Charpen Properties LLC have the funds available to do the projects as outlined in their application for the Crete Local Economic Development Program. If you have any further questions, I can be reached at the number listed below.

Sincerely,

Lana L. Musil

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Liquor Control Commission
Renewal Request

College Heights Country Club
1225 E 4th St

Eagles Frat Order 3909 Crete
132 W 12th St

Crete Lodging LLC
DBA Fairfield Inn Crete
3015 Betten Drive

Juan A Ortiz
DBA Guanajuato Mexican Restaurant
1041 Main Ave

My Bar
915 Main Ave

Some Place Else
1245 Main Ave

VFW 4959 Blue Valley
130 W 13th St

Renner LLC
DBA 9th Street Grill
915 Main Ave