Mission Consolidated Independent School District

- 1201 Bryce Drive, Mission, Texas 78572
- Telephone: (956) 323 5505 Fax: (956) 323 5634
- Website: www.mcisd.net

Notice and Agenda

The Board of Trustees of the Mission Consolidated Independent School District will hold a **Regular Meeting** on **Wednesday, March 8, 2023, at 6:30 PM** in the **Mission CISD Annex, 925 E. Business HWY. 83, Mission, Tx 78572**. At this meeting, the Board may deliberate or act on any of the subjects listed on the following agenda. The President may change the order of items listed below for the convenience of the Board.

A G E N D A

I. Call Meeting to Order and Establish Quorum
II. Pledge of Allegiance and Moment of Silence
1. U. S. Flag and Texas Flag -
2. Mission Vision Statement -
III. Comments from the Public
IV. Public Comment(s) on Specific Agenda Item(s)
V. Superintendent's Update and Recognitions
The Superintendent may provide information to update the Board of Trustees on the following subjects: Student Extracurricular and Co-Curricular Achievement; District Awards and Recognitions; Recent and Upcoming Professional Staff and Leadership Development; Progress Reports on Student and Staff Initiatives Previously Approved by the Board of Trustees; and Communications Received from Other Governmental Entities Not Requiring Action by the Board of Trustees. This will be for informational purposes only. Board consideration of any subject included in the Superintendent's Report will not take place until the subject is placed on the agenda of a future board meeting for consideration and possible action. The Board's consideration of any subject at the present meeting will be limited to those subjects appearing elsewhere on the meeting agenda.
VI. Presentation(s) to the Board of Trustees
1. 2023-2024 Budget Presentation #2 **4**
2. Self-Funded Health Insurance **5**
VII. Discussion and Possible Action
1. Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Additional Concrete for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses - Chanin Engineering **11**
2. Consideration and Approval of the Rankings for the Indoor Air Quality Projects for Cavazos, Midkiff, and Salinas Elementary - DBR Engineering **14**

3. Consideration and Approval of the Construction Documents for the Indoor Air Quality Projects for Bryan Elementary and Alton Memorial Jr. High School – DBR MEP Engineering 17
4. Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 and Change Order #1 to Replace Gas Line and Gas Regulator for the Aquatic Center Boiler – DBR Engineering 46
5. Consideration and Approval of the Presentation and Ranking of the Playground Equipment at (11) Elementary Campuses Project – Ricardo Hinojosa Structural Engineer 64
6. Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Replacing Kitchen Fixtures for the Culinary Arts Laboratory at MHS – PBK Architects 67
7. Consideration and Approval of the Construction Documents for the Remaining Security Vestibules Project – PBK Architects 75
8. Consideration and Approval of 2023-2024 Academic School Calendar 106
9. Consideration and Possible Action Regarding Proposed Nonrenewal of Chapter 21 Contracts
10. Consideration and Possible Action Concerning Appeal of Contractor on Issue of Timeliness of Contractor's Appeal
11. Consideration and Possible Action Regarding Request to Consider Initiation of Process set forth in Board Policy CW(LOCAL) for the Naming of a Portion the Neuhaus Gymnasium

VIII. Recommendation(s)

1. Approval of the Selection for:

a. Approval of Contracts and Employment Agreements for Campus Principals and Central Office Administrators 112

IX. Items to Consider: The Board will consider and may act on the following items under a CONSENT AGENDA. Any Trustee may request the removal of an item from the CONSENT AGENDA for individual consideration and action.

1. Approval of Summer Programs for 2023 113
2. First Reading of Board Policy Changes, Including TASB-Policy Update 120, Affecting Local Policies: 119
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b. CKC(LOCAL): SAFETY PROGRAM/RISK MANAGEMENT-EMERGENCY PLANS
c. FNG(LOCAL): STUDENT RIGHTS AND RESPONSIBILITIES-STUDENT AND PARENT COMPLAINTS/GRIEVANCES
d. FO(LOCAL): STUDENT DISCIPLINE
e. AF(LOCAL): INNOVATION DISTRICTS 137
3. Bids, Proposals, and Purchases of $50,000 and Over
a. Installation of CRA A/C Unit at New Data Center 139
b. ECF3 Chromebook Purchase 142
c. Desktop Computer Purchase 145
d. Donations 152
4. Approval of Minutes
a. February 15, 2023, Regular Board of Trustees Meeting 159

X. Executive Session

1. Private Consultation with Board Attorney (Texas Gov't Code §551.071)

2. Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee or to Hear a Complaint or Charge Against an Officer or Employee (Texas Gov't Code §551.074)

XI. Action, if Necessary, on Matters Discussed in Executive Session

XII. Board of Trustees Information Items

1. Personnel Employments, Resignations, Transfers, and Compensation Change **170**

2. Financial Reports:

a. General Fund and Debt Service **171**

b. Tax Levy Adjustments **174**

c. Cash Disbursements **201**

d. Quarterly Investment Report **202**

XIII. Important Dates to Remember

1. March 13-17, 2023, Spring Break Holiday

2. April 7, 2023, Easter Holiday/Good Friday

3. April 10, 2023, Holiday/Bad Weather Day

4. April 12, 2023, Board of Trustees Workshop at 6:30 p.m.

5. April 19, 2023, Regular Board of Trustees Meeting at 6:30 p.m.

XIV. Adjournment

In accordance with the Texas Open Meetings Act, the Board may enter into a closed meeting to deliberate any item that is listed above that fits within an exception listed in Subchapter D. Any final action, decision, or vote on a subject deliberated in closed meeting will be taken in an open meeting held in compliance with the Texas Open Meetings Act.

This Notice was posted by 5:00 p.m., on March 3, 2023.

Carol G. Perez, Ed. D.

Dr. Carol G. Perez, Superintendent of Schools
Mission Consolidated Independent School District

SUBJECT: 2023-2024 Budget Presentation #2

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION:

The Finance Division will present an update on budget preparation for the 2023-2024 fiscal year. The presentation will provide information on the fiscal year ended 2021-2022, the current fiscal year (2022-2023), and preparations for the 2023-2024 fiscal year.

ADMINISTRATIVE CONSIDERATIONS:

N/A.

FUNDING SOURCE AND AMOUNT:

N/A.

RECOMMENDATION:

Presentation only. A recommendation is not required.

CONTACT PERSON (S):

Joel Garcia, Assistant Superintendent for Finance

SUBJECT: Financial Report for the Month of February 2023 – Self-Funded Health Insurance Fund

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

Mission CISD offers a self-funded group health insurance plan to its employees administered by Blue Cross Blue Shield of Texas. District employees have the option to elect health insurance coverages from three plans (High Deductible, Base, and High Plan).

As a self-funded group health insurance plan, Mission CISD assumes the financial risk for providing health care benefits to its employees and their dependents. In practical terms, Mission CISD pays for each out of pocket claim as they are incurred instead of paying a fixed premium to an insurance carrier. Mission CISD has set up the Health Insurance Fund to account for premiums funded by the District and its employees and to pay incurred claims and administrative costs.

ADMINISTRATIVE CONSIDERATIONS

The Self-Funded Group Health Insurance Financial Report is also attached.

FUNDING SOURCE AND AMOUNT

Not applicable.

RECOMMENDATION

Information item only.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Sylvia Cruz, Director for Payroll, Employee Benefits & Risk Management



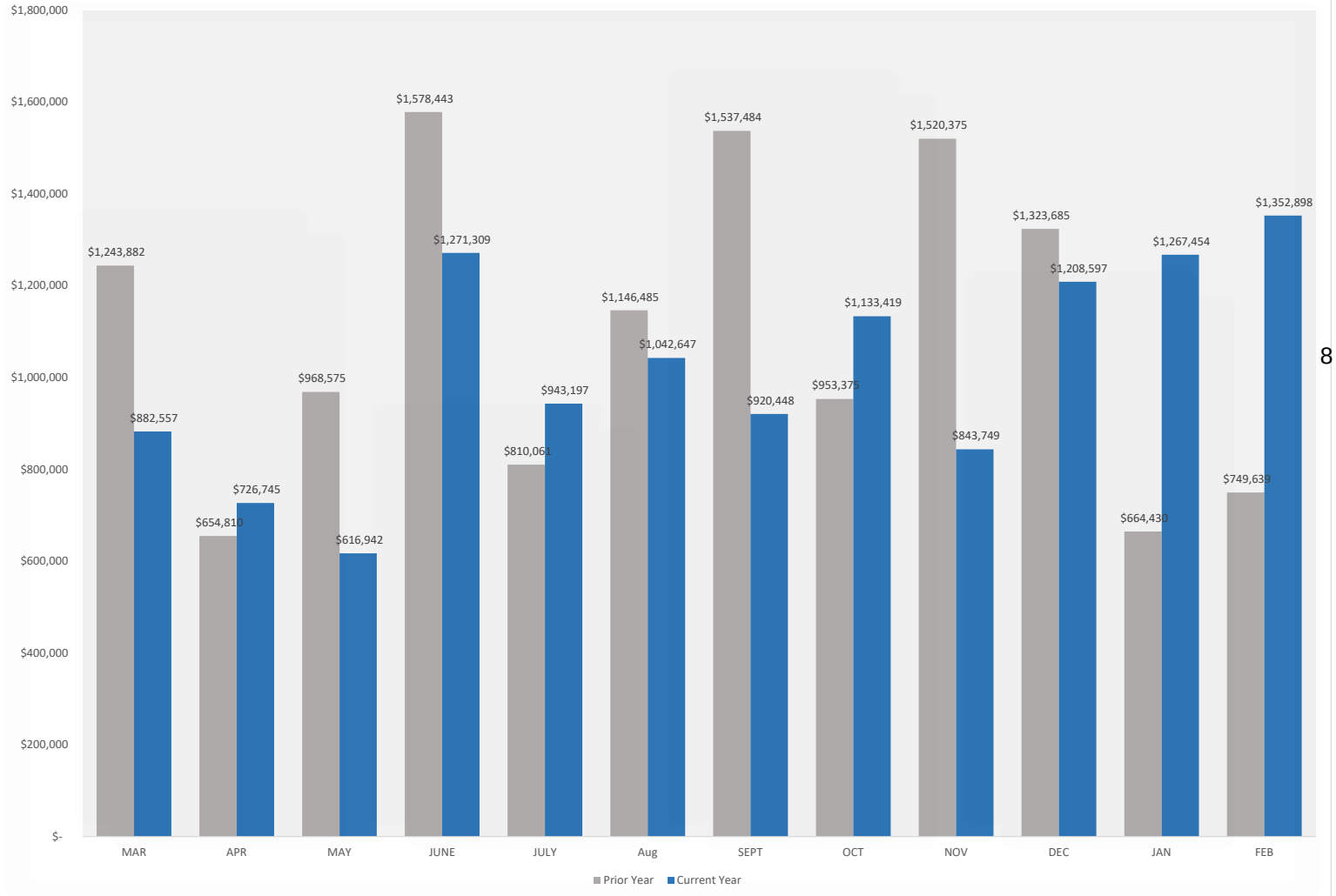
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Self Funded Health Insurance Fund
Statement of Revenues, Expenditures and Changes in Net Position for 8 months ending February 2023

Operating Revenues	Actual	%
Premiums:		
Medical - Employee	$ 1,982,984.42	17.73%
Medical - Employer	$ 8,837,489.72	79.01%
Administrative Fees-Refunds	$ -	0.00%
Claim Credits		0.00%
Pharmacy Credits/Rebates		0.00%
Stop Loss Insurance	$ 364,436.83	3.26%
Cobra		0.00%
Non - Operating Revenues		
Interest Revenue	$ 217.31	0.00%
Total Revenues	**$ 11,185,128.28**	**100%**
Operating Expenses		
Claims:		
Medical	$ 8,712,408.95	71.90%
Pharmacy - RX	$ 2,693,559.08	22.23%
Administrative Fees:		
Medical	$ 36,115.03	0.30%
Aggregate Stop Loss	$ 38,304.15	0.32%
Specific Stop Loss	$ 625,152.65	5.16%
Independent External Review Fees	$ 700.00	0.01%
Vendor Fees	$ -	0.00%
PCORI Fees		0.00%
Consulting Fees	$ 4,500.00	0.04%
Non-Operating Expenses		
Other Expenses	$ 6,234.00	0.05%
Total Expenses	**$ 12,116,973.86**	100.00%
Operating Income (Loss)	**$ (931,845.58)**	
Income (Loss) Before Contributions & Transfers	**$ (931,845.58)**	
Contributions & Transfers		
Transfers In	$ -	
Change in Net Position	$ (931,845.58)	
Total Net Position - Beginning Audited	$ -	
Total Net Position - Ending Unaudited	**$ (931,845.58)**	

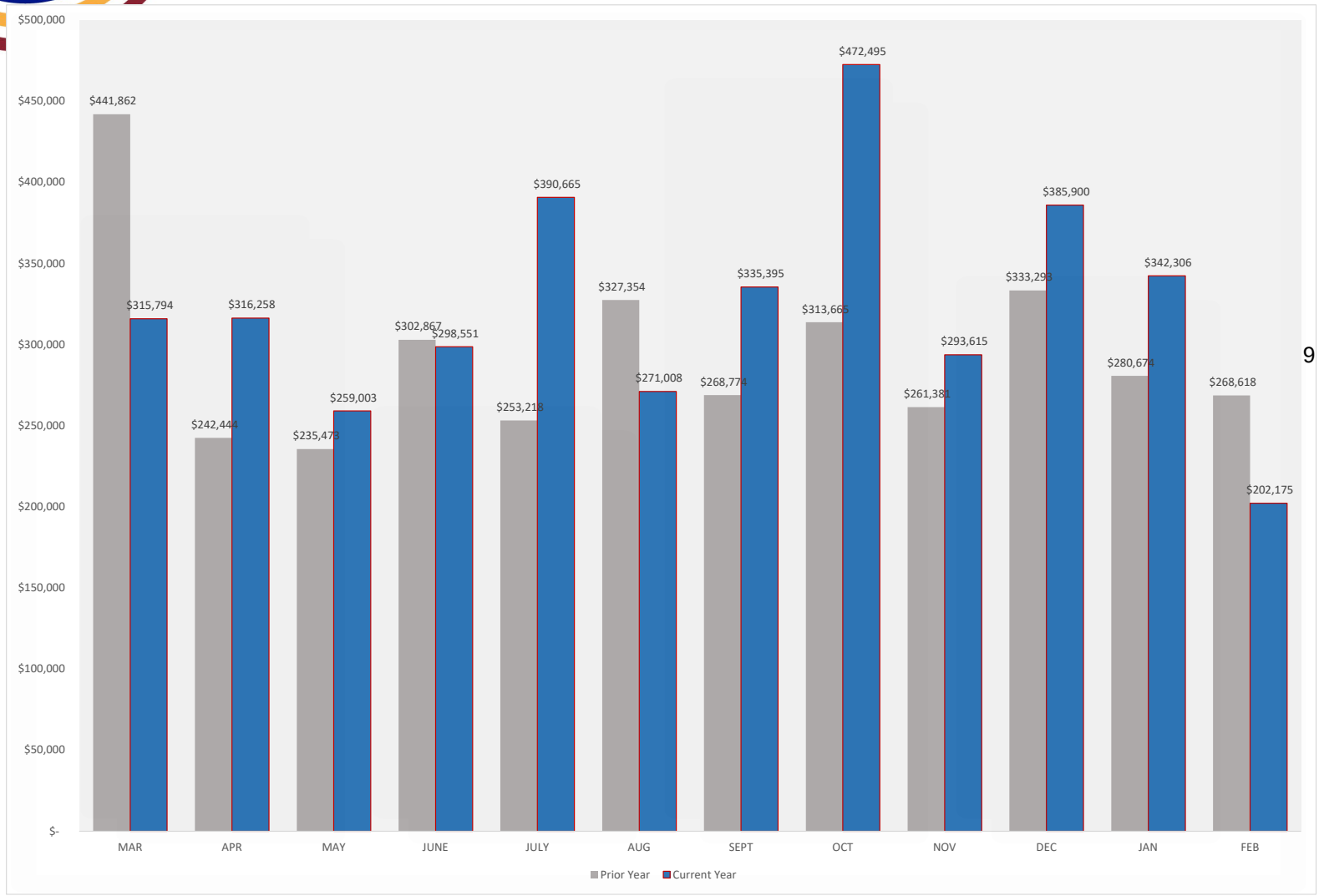
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Medical Claims Expenditure Overview
12 Month Trend – February 2023

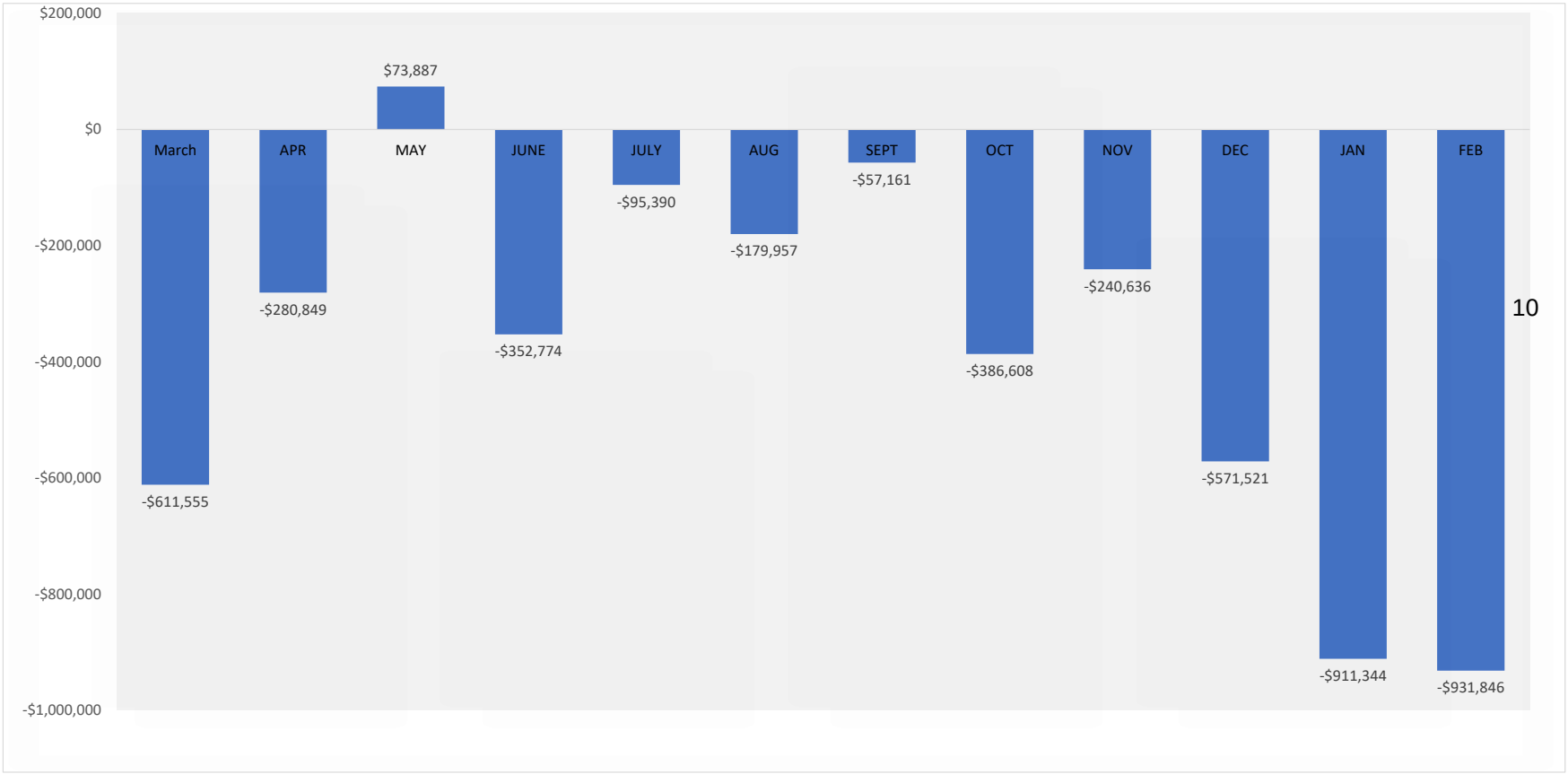


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Pharmacy Claims Expenditure Overview
12 Month Trend – February 2023



Net Position Overview
12 month Trend – February 2023



SUBJECT: Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Additional Concrete for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses - Chanin Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The Child Nutrition Program (CNP) is in needs to add three stand-alone walk-in freezers at Bryan Elementary, Marcell Elementary, and Salinas Elementary near the campus cafeteria area. The three walk-in freezers are required to be placed/installed on concrete slabs and electrical work is required for the connection.

An on-call structural engineer will be the prime engineer and may require an electrical, mechanical, and plumbing engineer (MEP) as a consultant. Professional services are needed to oversee the project due to design weight and electrical connection requirements.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects. However, at the November 10, 2021, Board of Trustees meeting, the Board approved Job Order Contracting (JOC) and this method may be used for this smaller project.

Administration used the on-call professional services agreement for the project assessment. Chanin Structural Engineering's estimated project cost is $90,000.00.

At the Regular Board of Trustees, Meeting held on August 11, 2021, the Board approved of Utilizing the On-call Professional Services for the Child Nutrition Program Walk-in Freezer at Bryan, Salinas & Marcell Elementary Project – Chanin Structural Engineering.

At the Regular Board of Trustees Meeting held on December 15, 2021, the Board approved Schematic Design for the Child Nutrition Program Walk-in Freezers for Bryan, Marcell, and Salinas Elementary Project – Chanin Engineering.

At the Regular Board of Trustees Meeting held on January 19, 2022, the Board approved Final Design for the Child Nutrition Program Walk-in Freezers for Bryan, Marcell, and Salinas Elementary Project – Chanin Engineering. Designs have been reviewed and approved by staff.

At the Regular Board of Trustees Meeting held on June 08, 2022, the Board approved a change of procurement method for the various projects to utilize JOC.

At the Board Workshop of September 07, 2022, the Board was informed of the Best and Final Offer (BAFO) for the Job Ordering Contracting on Various Projects.
56 days for completion.

Project	Vendor Name	Cost
CNP Freezer Installation at Elem.	8/A Builders, LLC	$100,485.00

Notice to Proceed (NTP) was issued on October 19, 2022

Substantial Completion is due on December 14, 2022
Final Completion due on January 14, 2023

At the Regular Board of Trustees Meeting held on November 30, 2022, the Board approved Change Order #1 for forty-nine (49) additional delay days for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses. If approved the new substantial completion date will be February 01, 2023.

At the Regular Board of Trustees Meeting held on January 25, 2023, the Board approved Change Order #2 for eighty-nine (89) additional delay days for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses. The new substantial completion date will be May 01, 2023.

ADMINISTRATIVE CONSIDERATIONS – PLEASE SEE NOTE BELOW

Mission Restaurant Supply Installer is requesting additional concrete for the pad area for the three (3) stand-alone freezers, thus, Chanin Engineering will be submitting Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Additional Concrete for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses.

Contingency Balance: $5,000.00
AEA #1 (pending price)
Contingency Balance:

FUNDING SOURCE

Federal Funds/Local Funds

Est. Project Budget:	$90,000.00
Project Contingency 20%:	$18,000.00
Est. Professional Services 12%:	$10,800.00
Est. Total Project Cost:	$118,800.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration presents Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Additional Concrete for the Child Nutrition Program (CNP) Freezer Installation at Elementary Campuses.

Note: As of submission of this executive summary we do not have the cost from Chanin Structural Engineering or 8/A Builders. As per Chanin Engineering they continue to be in cost negotiations with 8/A Builders. If by meeting time they do not have a compromise this agenda item will be "pulled" and presented at a later date.

EXHIBIT:

Allowance Expenditure Authorization (AEA) #1 (To be distributed at the meeting if applicable)

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

SUBJECT: Consideration and Approval of the Ranking for the Indoor Air Quality Projects for Cavazos, Midkiff, and Salinas Elementary – DBR MEP Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD prioritizes the safety and health of its students, staff, and community and ensures that all safety and health measures are addressed as a priority including air quality. School indoor air quality is particularly important as it may affect the health, performance, and comfort of school staff and students. The MCISD Five (5) Year Improvement Plan consists of facilities improvements district-wide that include improvements for drainage, roof replacements, lighting improvements, and replacement of HVAC systems. The plan shows that due to the campuses' age, certain items need to be assessed such as air handlers, blowers, and control systems.

Due to laws and requirements that regulate such equipment and the cost, this project is being considered a construction project, and as such the Texas Education Code 44.031 (a) requires the board of a school district considering a construction project to comply with bidding requirements.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees, Meeting held on September 8, 2021, the Board approved the project, and proposed budget, and utilized the on-call professional services. The administration approved the on-call professional services agreement for the project assessment. DBR MEP Engineering estimated project cost is $33,000,000.00 for all district projects.

Administration will use the on-call professional services agreement for project administration. It will be the responsibility of the design/engineer professional to provide an estimated project budget. When provided, Administration will advise the Board of Trustees as an informational update.

At the Regular Board meeting held on January 25, 2023, the Board approved Final Design for the Indoor Air Quality Projects for Cavazos, Midkiff, and Salinas Elementary – DBR MEP Engineering

Note: Most campuses are scheduled for air quality projects with some more complicated and intensive than others. These three can be worked on quicker than others and we will begin. We continue to be in the design phase and those will be presented as completed by DBR MEP Engineering.

Salinas Elementary School (Est. Cost $2,775,000.00)

The project scope consists of replacing the aging 27-year-old HVAC systems. This work includes air handlers, VAV boxes, air-cooled chillers, and associated pumps. The design increased air quality by providing air handlers with higher MERV filter rating capabilities and replacing the existing HVAC control system. In addition, the project includes converting the heating from hot water to electric heat to reduce maintenance upkeep.

Hurla M. Midkiff Elementary School (Est. Cost $2,325,000.00)
The project scope consists of replacing the aging 21-year-old HVAC systems. This work includes outside air units, VAV boxes, and air handlers. The design increased air quality by replacing the nonfunctioning outside air units, providing air handlers with higher MERV filter rating capabilities, and replacing the existing HVAC control system.

Raquel Cavazos Elementary (Est. Cost $2,325,000.00)
The project scope consists of replacing the aging 21-year-old HVAC systems. This work includes outside air units, VAV boxes, and air handlers. The design increased air quality by replacing the nonfunctioning outside air units, providing air handlers with higher MERV filter rating capabilities, and replacing the existing HVAC control system.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:
Communicating the design intent through further refinement of the written and graphic representation of all building materials, components, and equipment that can be quantified and useful to contractors.

ADMINISTRATIVE CONSIDERATIONS

Advertisements in the local newspapers were posted on February 08, 2023, and February 15, 2023. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence, and qualifications. Proposal(s) Bid Opening was scheduled to be on Thursday, March 02, 2023, however, due to having to issue addendums to answer contractor questions the proposal date was extended to Tuesday, March 07, 2023 to allow contractors more time.

After the review Administration will then recommend those firms to be reviewed and ranked in order of selection. The recommendations will be presented for review at the Wednesday, March 08, 2023 Regular Board of Trustees meeting.

FUNDING SOURCE – ESSER FUNDS

Local Fund

Est. Project Budget:	$29,000,000.00
Project Contingency 20%:	$ 5,800,000.00
Est. Professional Services 12%:	$ 3,480,000.00
Est. Total Project Cost:	$38,280,000.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration is presenting Consideration and Approval of the Ranking for the Indoor Air Quality Projects for Cavazos, Midkiff, and Salinas Elementary – DBR MEP Engineering

Note: As of submission of this executive summary we do not have the rankings since the proposals are due on Tuesday, March 07, 2023.

EXHIBIT

Tabulation Sheet (to be disturbed at the meeting)

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Anabel Garza, Coordinator for Purchasing
Adrian Hernandez, Coordinator for Project & Energy Management

SUBJECT: Consideration and Approval of the Construction Documents for the Indoor Air Quality Projects for Bryan Elementary and Alton Memorial Jr. High School – DBR MEP Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD prioritizes the safety and health of its students, staff, and community and ensures that all safety and health measures, including air quality, are addressed as a priority. School indoor air quality is particularly important as it may affect the health, performance, and comfort of school staff and students. The MCISD Five (5) Year Improvement Plan consists of facilities improvements district-wide that include improvements for drainage, roof replacements, lighting improvements, and replacement of HVAC systems. The plan shows that due to the campuses' age, certain items need to be assessed such as air handlers, blowers, and control systems.

Due to laws and requirements that regulate such equipment and the cost, this project is being considered a construction project, and as such the Texas Education Code 44.031 (a) requires the board of a school district considering a construction project to comply with bidding requirements.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees, Meeting held on September 8, 2021, the Board approved the project, and proposed budget, and utilized the on-call professional services. The administration approved the on-call professional services agreement for the project assessment. DBR MEP Engineering estimated project cost is $33,000,000.00 for all district projects.

Administration will use the on-call professional services agreement for project administration. It will be the responsibility of the design/engineer professional to provide an estimated project budget. When provided, Administration will advise the Board of Trustees as an informational update.

At the Regular Board meeting held on January 25, 2023, the Board approved Final Design for the Indoor Air Quality Projects for Cavazos, Midkiff, and Salinas Elementary – DBR MEP Engineering

Note: Most campuses are scheduled for air quality projects with some more complicated and intensive than others. These three can be worked on quicker than others and we will begin. We continue to be in the design phase and those will be presented as completed by DBR MEP Engineering.

Salinas Elementary School (Est. Cost $2,775,000.00)

The project scope consists of replacing the aging 27-year-old HVAC systems. This work includes air handlers, VAV boxes, air-cooled chillers, and associated pumps. The design increased air quality by providing air handlers with higher MERV filter rating capabilities and replacing the existing HVAC control system. In addition, the

project includes converting the heating from hot water to electric heat to reduce maintenance upkeep.

Hurla M. Midkiff Elementary School (Est. Cost $2,325,000.00)
The project scope consists of replacing the aging 21-year-old HVAC systems. This work includes outside air units, VAV boxes, and air handlers. The design increased air quality by replacing the nonfunctioning outside air units, providing air handlers with higher MERV filter rating capabilities, and replacing the existing HVAC control system.

Raquel Cavazos Elementary (Est. Cost $2,325,000.00)
The project scope consists of replacing the aging 21-year-old HVAC systems. This work includes outside air units, VAV boxes, and air handlers. The design increased air quality by replacing the nonfunctioning outside air units, providing air handlers with higher MERV filter rating capabilities, and replacing the existing HVAC control system.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Pending
Advertisements in the local newspapers were posted on February 08, 2023, and February 15, 2023. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence, and qualifications. Proposal(s) Bid Opening will be on Thursday, February 23, 2023. After the review Administration will then recommend those firms to be reviewed and ranked in order of selection. The recommendations will be presented for review at the Wednesday, March 08, 2023, Regular Board of Trustees Meeting.

ADMINISTRATIVE CONSIDERATIONS
DBR Engineering has continued to meet with MCISD Staff on the designs. DBR Engineering presents Consideration and Approval of the Construction Documents for the Indoor Air Quality Projects for Bryan Elementary and Alton Memorial Jr. High School - DBR Engineering

Once presented and approved Administration will proceed to advertise for competitive sealed proposals (CSP's). At this meeting DBR MEP Engineers is to advise Administration and the Board of Trustees if there is a change in the estimated construction costs. As per DBR the project budget estimates are current. Mr. Hugo Avila – DBR MEP Engineering presented.

Alton Memorial Junior High School
The project scope consists of replacing the aging 21-year-old HVAC systems. This work includes replacing 23 roof-mounted air handlers, fan-powered terminal units, air-cooled chillers, chilled water pumps, building automation systems, and re-insulate chilled water lines above the ceilings. The design will increase air quality by providing air handlers with higher MERV filter rating capabilities, increased ventilation air, and better HVAC controls. In addition, the fan-powered terminal units will be replaced with single duct boxes which helps reduce maintenance upkeep.

Project Budget: $7.9M

Design Development Documents: Completed February 7, 2023
Time to complete Construction Documents: March 3, 2023

Bryan Elementary School
The project scope consists of replacing the aging 23-year-old HVAC systems. This work includes replacing six floor-mounted air handlers, air-cooled chillers chilled water pumps, terminal units, duct insulation in select areas, building automation systems, and exterior chilled water lines. The design will increase air quality by providing air handlers with higher MERV filter rating capabilities, increased ventilation air, and better HVAC controls.

Project Budget: $2.6M
Design Development Documents: Completed February 7, 2023
Time to complete Construction Documents: March 3, 2023

Construction Documents:
Communicating the design intent through further refinement of the written and graphic representation of all building materials, components, and equipment that can be quantified and useful to contractors.

FUNDING SOURCE – ESSER FUNDS
Local Fund

Est. Project Budget:	$29,000,000.00
Project Contingency 20%:	$ 5,800,000.00
Est. Professional Services 12%:	$ 3,480,000.00
Est. Total Project Cost:	$38,280,000.00

RECOMMENDATION
This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration is presenting Consideration and Approval of the Construction Documents for the Indoor Air Quality Projects for Bryan Elementary and Alton Memorial Jr. High School– DBR MEP Engineering

EXHIBIT
Construction Documents

CONTACT PERSONS
Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

ABBREVIATIONS

A

A	AIR (COMPRESSED)
ABV	ABOVE
AC	AIR CONDITIONING
AC	ALTERNATING CURRENT, AIR COMPRESSOR
ACCH	AIR COOLED CHILLER
ACCU	AIR COOLED CONDENSING UNIT
AD	ACCESS DOOR, AREA DRAIN
ADJ	ADJUSTABLE
AF	AIR FILTER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHRI	AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMB	AMBIENT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
ARCH	ARCHITECT, ARCHITECTURAL
AS	AIR SEPARATOR
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AV	ACID VENT, AIR VENT
AVG	AVERAGE
AW	ACID WASTE
AWS	AMERICAN WELDING SOCIETY
AUX	AUXILIARY

B

B	BOILER
BC	BELOW COUNTER
B/C	BACK OF CURB
BFF	BELOW FINISHED FLOOR
BFV	BUTTERFLY VALVE
BH	BOX HYDRANT
BLDG	BUILDING
BM	BENCHMARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STRUCTURE
BP	BACKFLOW PREVENTER
BTU	BRITISH THERMAL UNIT
BV	BALL VALVE
BWV	BACK WATER VALVE

C

C	CELSIUS
CAB	CABINET
CB	CATCH BASIN
CD	CONDENSATE DRAIN LINE
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CH	CHILLER
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CI	CAST IRON
CIRC	CIRCULATING
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
COMP	COMPRESSOR
CONC	CONCRETE, CONCENTRIC
COND	CONDENSER, CONDENSATE
CONN	CONNECTION
CONT	CONTINUOUS,CONTINUATION
CTR	CENTER
CU	COPPER

D

D	DEPTH, DRAIN, DRYER
DB	DRY BULB
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DDMB	DUAL DUCT MIXING BOX
DESIG	DESIGNATION
DTL	DETAIL
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DISC	DISCONNECT
DN	DOWN
DPR	DAMPER
DW	DISHWASHER
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWP	DOMESTIC WATER PUMP
DX	DIRECT EXPANSION

E

EA	EACH
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ECC	ECCENTRIC
EDB	ENTERING DRY BULB
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EFF	EFFICIENCY
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EMERG	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EVAP	EVAPORATOR
EWB	ENTERING WET BULB
EWT	ENTERING WATER TEMPERATURE
EX	EXPLOSION PROOF
EXT	EXTERNAL
EXTG	EXISTING

F

F	FAHRENHEIT, FIRE
FBO	FURNISHED BY OTHERS
FCO	FLOOR CLEAN OUT
FCS	FLOOR CONTROL STATION
FCU	FAN COIL UNIT
FD	FLOOR DRAIN, FIRE DAMPER
FDC	FIRE DEPARTMENT SIAMESE CONNECTION
FDV	FIRE DEPARTMENT VALVE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FLR	FLOOR
FPTU	FAN POWERED TERMINAL UNIT
FT	FOOT, FEET
FUT	FUTURE

G

G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLV	GLOBE VALVE
GND	GROUND
GPM	GALLONS PER MINUTE
GV	GATE VALVE

H

HORIZ	HORIZONTAL
HP	HORSEPOWER
HSTAT	HUMIDISTAT
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HWP	HEATING WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ

I

ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IH	INFRARED HEATER
IN	INCH
INSUL	INSULATION
INT	INTERNAL, INTERIOR
INV	INVERT
IW	INDIRECT WASTE

J

JB	JUNCTION BOX
JP	JOCKEY PUMP

K

KEC	KITCHEN EQUIPMENT CONTRACTOR
KO	KNOCKOUT
KVA	KILOVOLT- AMPS
KW	KILOWATT

L

L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LF	LINEAR FEET
LP	LOW PRESSURE
LRA	LOCKED ROTOR AMPS
LVL	LEVEL
LWB	LEAVING WET BULB
LWCO	LOW WATER CUT OFF
LWT	LEAVING WATER TEMPERATURE

M

MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBTUH	THOUSAND OF BTU'S
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MI	MALLEABLE IRON
MIN	MINIMUM
MP	MEDIUM PRESSURE
MS	MOP SINK
MTD	MOUNTED
MU	MAKE-UP
MVD	MANUAL VOLUME DAMPER
MSAH	MINI-SPLIT AIR HANDLER
MSCU	MINI-SPLIT CONDENSING UNIT

N

N.C.	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NO.	NUMBER
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR
OAF	OUTSIDE AIR FAN
OAHU	OUTSIDE AIR HANDLING UNIT
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER, OVERFLOW DRAIN
OFCU	OUTSIDE AIR FAN COIL UNIT
OPG	OPENING
OS&Y	OPEN STEM AND YOLK

P

PG	PRESSURE GAUGE
PP	POLYPROPYLENE
PPM	PART PER MILLION
PRI	PRIMARY
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE

Q

QTY	QUANTITY

R

RA	RETURN AIR
RAD	REFRIGERATED AIR DRYER
RAF	RETURN AIR FAN
RAG	RETURN AIR GRILLE
RAT	RETURN AIR TEMPERATURE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	REFERENCE, REFER
RED	REDUCER
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION, REVISE
RH	RELATIVE HUMIDITY
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RLA	RUNNING LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RTU	ROOFTOP UNIT
RV	RELIEF VALVE

S

SA	SUPPLY AIR
SAF	SUPPLY AIR FAN
SAG	SUPPLY AIR GRILLE
SAN	SANITARY SEWER
SAR	SUPPLY AIR REGISTER
SC	STEAM CONDENSATE
SCHED	SCHEDULED
SD	STORM DRAIN
SEC	SECONDARY
SECT	SECTION
SENS	SENSIBLE
SF	SQUARE FEET
SFCS	SPRINKLER FLOOR CONTROL STATION
SH	SHOWER
SHT	SHEET
SIM	SIMILAR
SK	SINK
SM	SHEETMETAL
SP	STATIC PRESSURE, SUMP PUMP
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SS	SERVICE SINK
SSSC	SOLID STATE SPEED CONTROL
STD	STANDARD
STL	STEEL
STR	STRAINER
SURF	SURFACE
SUSP	SUSPEND
SV	SANITARY VENT
SW	SOFT WATER

T

TC	TEMPERATURE CONTROL
TCC	TEMPERATURE CORNEAL COMPRESSOR
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TF	TRANSFER FAN
TH BLK	THRUST BLOCK
THERM	THERMOMETER
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TPD	TRAP PRIMER DEVICE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TW	TEMPERED HOT WATER
TYP	TYPICAL

U

U	URINAL
UCD	UNDER CUT DOOR
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC
UNO	UNLESS NOTED OTHERWISE
U/F	UNDERFLOOR
U/S	UNDERSLAB

V

V	VOLT
VA	VOLT- AMPERE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VALVE BOX, VACUUM BREAKER
VD	VOLUME DAMPER
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VIB	VALVE IN BOX
VOV	VALVE ON VERTICAL
VP	VACUUM PUMP
VR	VARIABLE AIR VOLUME REHEAT
VTR	VENT THRU ROOF

W

W	WATT, WIDTH
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WM	WATER METER
WP	WEATHERPROOF
WPD	WATER PRESSURE DROP
WWF	WELDED WIRE FABRIC

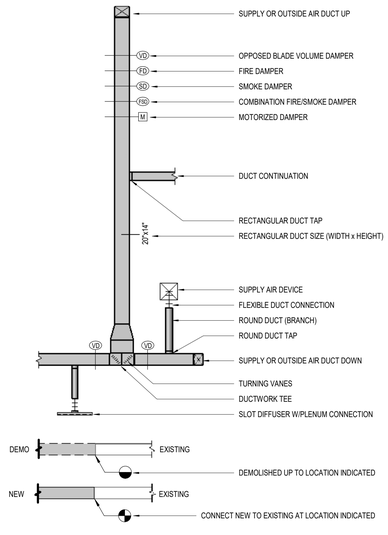
Y

Y	YARD HYDRANT

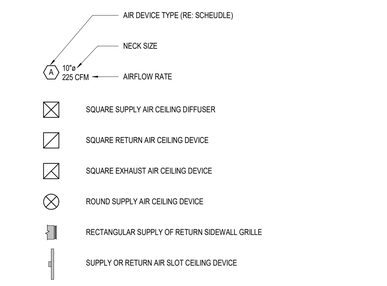
Z

Z	ZONE

DUCTWORK



AIR DEVICE TYPES



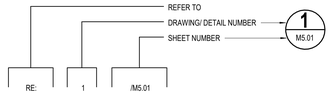
WALL MOUNTED SENSOR TYPES

T	THERMOSTAT
H	HUMIDISTAT
C	CARBON DIOXIDE SENSOR
CO	CARBON MONOXIDE SENSOR
N	NITROGEN DIOXIDE SENSOR
S	ON/OFF SWITCH

PIPING TYPES

CD	CONDENSATE DRAIN LINE
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
REF	REFRIGERANT PIPING SIZED BY MFR.

DRAWING/DETAIL REFERENCE KEY



MECHANICAL GENERAL NOTES

1. PIPING AND DUCTWORK SHOWN ON PLANS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING. OFFSET AND RUN PIPING DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTING, INSULATION, AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATIONS.
2. EXACT LOCATIONS OF EQUIPMENT, GRILLES, AND DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS AND ALLOW ADEQUATE CLEARANCES.
3. EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND CUTSHEETS BEFORE FABRICATING OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
4. SHEET METAL INLET DUCTS TO VAV TERMINAL UNITS SHALL BE SAME SIZE AS THE BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE VAV BOX IS MORE THAN 6'-0".
5. PROVIDE CONICAL SPIN-IN CONNECTOR FOR ALL ROUND DUCT CONNECTIONS TO VAV TERMINAL UNITS.
6. INSTALL EQUIPMENT TO ENSURE ACCESS PANELS ARE NOT BLOCKED. ACCESS FOR SERVICE MUST BE PROVIDED.
7. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
8. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS.
9. PROVIDE RECTANGULAR BRANCH DUCT TAP FOR ALL RECTANGULAR DUCT CONNECTIONS TO RECTANGULAR DUCT TRUNKS.
10. ALL DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR HVAC DUCT CONSTRUCTION.
11. ALL OUTSIDE AIR, SUPPLY AIR, AND RETURN AIR DUCTWORK AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION WHERE LOCATED OUTSIDE THE BUILDING. REFER TO SPECIFICATION 23 07 13 DUCT INSULATION FOR FURTHER INFORMATION AND ADDITIONAL REQUIREMENTS.
12. ALL DUCTWORK SHALL BE CONSTRUCTED TO SEAL CLASS 'A' AS REFERENCED IN SMACNA STANDARDS. ALL NON-WELDED JOINTS AND SEAMS SHALL BE SEALED. THIS INCLUDES BUT IS NOT LIMITED TO TRANSVERSE JOINTS, LONGITUDINAL SEAMS, DUCT WALL PENETRATIONS, SPIN-INS, TAPS, AND OTHER BRANCH CONNECTIONS, ACCESS DOORS, ACCESS PANELS, AND DUCT CONNECTIONS TO EQUIPMENT. OPENINGS FOR ROTATING SHAFTS SHALL ALSO BE SEALED WITH BUSHINGS. REFER TO SPECIFICATION 23 31 13 METAL DUCTWORK FOR FURTHER INFORMATION.
13. ALL EXPOSED DUCTWORK AND PIPING WITH ASSOCIATED ACCESSORIES IN AREAS WITH NO CEILING OR PARTIAL CEILING SHALL BE PAINTED. REFER TO ARCHITECT FOR COLOR.
14. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ACTUAL INSTALLATION OF TEMPERATURE SENSORS AND HUMIDITY SENSORS.
15. PROVIDE REMOTE SPIN-IN DAMPER OPERATOR FOR SPIN-IN CONNECTIONS AND VOLUME DAMPERS LOCATED OVER GYPSUM CEILINGS.
16. PROVIDE AIRFOIL TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
17. PROVIDE INSULATED ACCESS DOORS FOR DUCTWORK DOWNSTREAM OF AIR HANDLING UNITS AT EVERY 20'-0" TO FACILITATE DUCT CLEANING. PROVIDE ACCESS DOORS WITHIN 5'-0" OF EACH ELBOW.
18. COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
19. ALL CEILING MOUNTED AND WALL MOUNTED AIR DEVICE FINISHES SHALL MATCH ADJACENT ARCHITECTURAL SURFACE. CONTRACTOR SHALL COORDINATE COLOR WITH ARCHITECT.
20. NO PIPE HANGERS SHALL BE SPACED MORE THAN 10'-0" O.C. COMPLY WITH PIPE SPACING AS SPECIFIED IN THE PIPING SUPPORT SPECIFICATIONS.
21. ALL PIPING LOCATED INSIDE BUILDING SHALL BE SUPPORTED FROM THE STRUCTURE WITH SADDLE OR TRAPEZE HANGERS WITH ADJUSTABLE CLEVIS OR THREADED RODS.
22. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 15 FEET DISTANCE BETWEEN OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET, FLUES OR PLUMBING VENTS.
23. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR FOR ALL CONDENSATE DRAIN PIPES CONNECTING TO A SINK DRAIN TAIL PIECE.
24. ALL KITCHEN GREASE EXHAUST DUCTWORK SHALL BE CONTINUOUSLY WELDED 16 GA. CARBON STEEL. ALL GREASE EXHAUST DUCTS SHALL BE WRAPPED WITH 3M 2 HR. FIRE RATED WRAP OR INSTALLED WITHIN A FIRE RATED ENCLOSURE.

CONTROLS SCHEMATIC SYMBOLS LEGEND

AI	ANALOG INPUT
AO	ANALOG OUTPUT
DI/BI	DIGITAL/BINARY INPUT
DO/BO	DIGITAL/BINARY OUTPUT
MD	ON-OFF MOTORIZED DAMPER
MMD	MODULATING TYPE MOTORIZED DAMPER
AFMS	AIR FLOW MEASURING STATION
MCV	CONTROL VALVE MODULATING TYPE
VFD	VARIABLE FREQUENCY DRIVE
CSR	CURRENT SENSING RELAY
FRZ	FREEZESTAT
HSL	HIGH STATIC LIMIT
SPT	STATIC PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE TRANSDUCER
FM	FLOW METER
FS	FLOW SWITCH
DAT	DISCHARGE AIR TEMPERATURE SENSOR
S	WALL SENSOR
T	THERMOSTAT
CO2	CARBON DIOXIDE SENSOR
SP	SET POINT
S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
HC	HEATING COIL
CC	COOLING COIL
DX	DIRECT EXPANSION COOLING COIL
PICCV	PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
AFC	AIRFLOW CROSS
DPS	DIFFERENTIAL PRESSURE SWITCH

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ROBERTO H. TIJERINA, P.E.
TEXAS # 121566

MISSION CISD - BRYAN ES - INDOOR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: MECHANICAL SYMBOL LEGEND

SHEET NUMBER: M0.01

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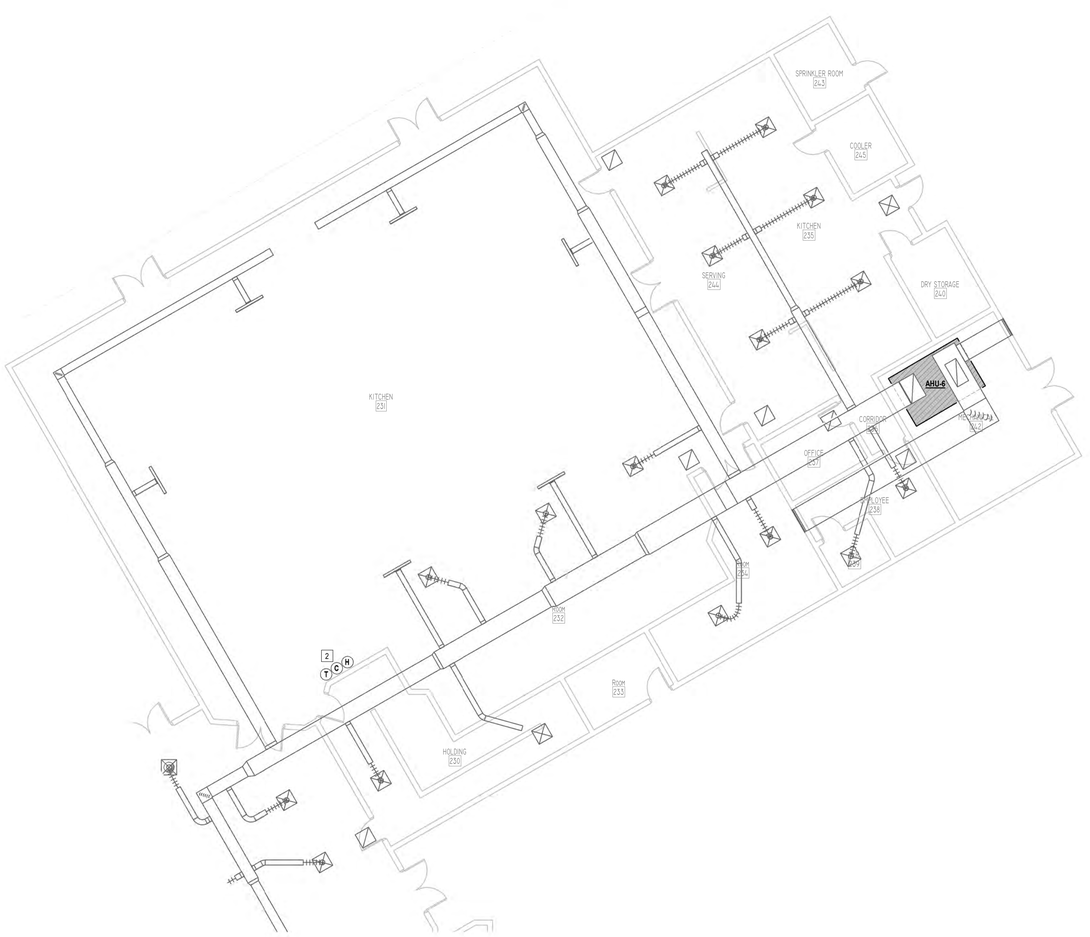
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MECHANICAL GENERAL NOTES

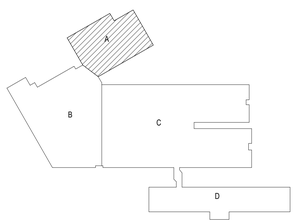
A. REFER TO SHEET M0.01 FOR GENERAL MECHANICAL NOTES.

MECHANICAL GENERAL NOTES

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2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.11 **MECHANICAL PLAN - AREA A**
1/8" = 1'-0"



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PROJECT NUMBER 218033.002

SHEET TITLE: MECHANICAL PLAN - AREA A

SHEET NUMBER: M2.11

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MECHANICAL GENERAL NOTES

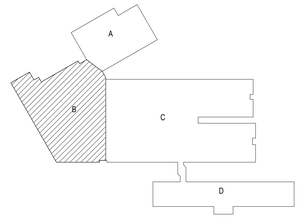
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2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.12 **MECHANICAL PLAN - AREA B**
1/8" = 1'-0"



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PROJECT NUMBER 218033.002

SHEET TITLE: MECHANICAL PLAN - AREA B

SHEET NUMBER: M2.12

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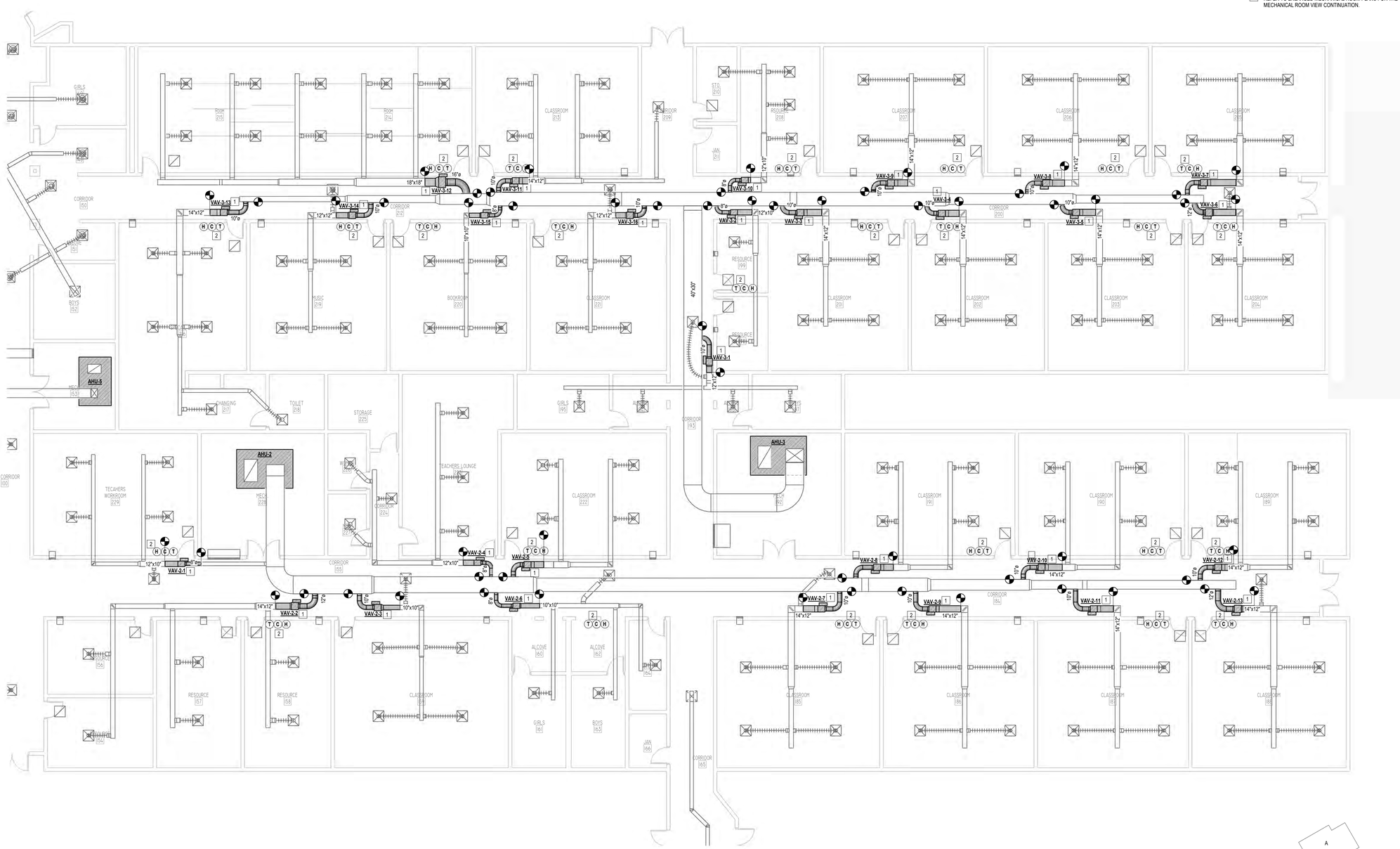
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MECHANICAL GENERAL NOTES

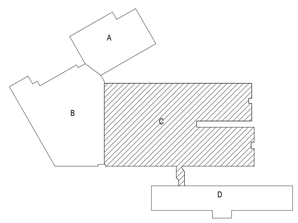
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2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.13 **MECHANICAL PLAN - AREA C**
1/8" = 1'-0"



100% DESIGN DEVELOPMENT

TN PN

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SHEET TITLE: MECHANICAL PLAN - AREA C

SHEET NUMBER: M2.13

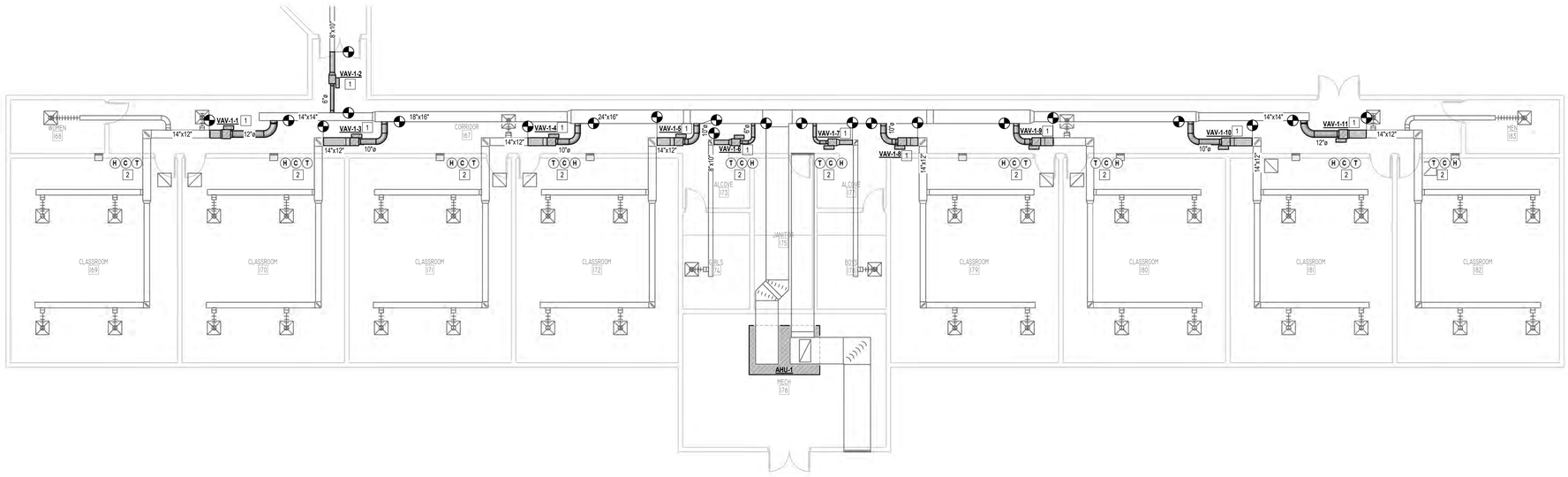
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MECHANICAL GENERAL NOTES

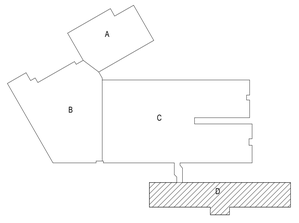
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2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.14 **MECHANICAL PLAN - AREA D**
1/8" = 1'-0"



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TEXAS # 121546

MISSION CISD - BRYAN ES - INDOOR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: MECHANICAL PLAN - AREA D

SHEET NUMBER: M2.14

DBR
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f

TBPE Firm Registration No. 2234

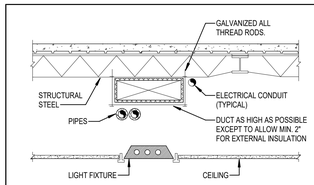
DBR Project Number 218033.002

RT | JR

TN PN

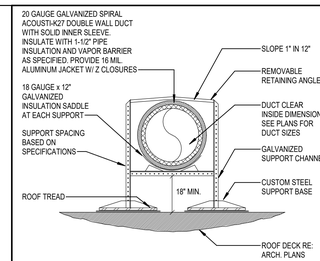
100% DESIGN DEVELOPMENT

2/7/2023 9:06:07 AM
Autodesk Docs://218033.002-MCISD-Bryan ES 101-IAC Improvements/218033_BRYAN_MEP22.rvt



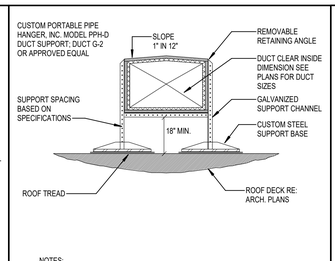
NOTES:
1. PIPES (INCLUDING SPRINKLER PIPING) AND ELECTRICAL CONDUIT CAN BE ROUTED BETWEEN JOISTS OR THROUGH JOIST WEB SPACE AS REQUIRED. DUCT SHALL BE LOCATED AS HIGH AS POSSIBLE.
2. U.L. DESIGN ASSEMBLY NUMBERS ARE SHOWN ON ARCHITECTURAL PLANS WHEN REQUIRED.
3. INSTALLATION OF ALL SERVICES MUST BE COORDINATED BY THE CONTRACTOR.

1 TYP. MEP INSTALLATION DETAIL
NOT TO SCALE



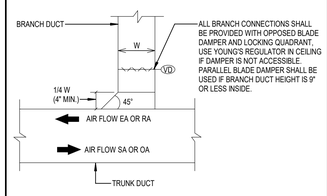
CUSTOM PORTABLE PIPE HANGER, INC. MODEL PPH-D DUCT SUPPORT; DUCT G-2 OR APPROVED EQUAL

2 DUCT SUPPORT ON ROOF
NOT TO SCALE



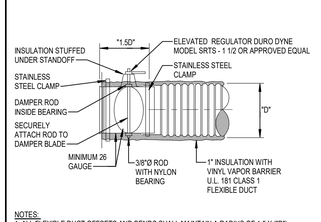
NOTES:
1. ANGLE STEEL FRAME TO BE WELDED AT ALL CORNERS AND BASE PLATE.
2. PROVIDE 12" WIDE 18 GAUGE GALVANIZED STEEL INSULATION SADDLE, FULL WIDTH AND HEIGHT OF DUCT.

3 EXPOSED RECT. DUCT ON ROOF
NOT TO SCALE



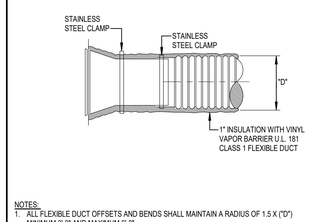
NOTES:
THIS CONNECTION SHALL BE TYPICAL FOR ALL RECTANGULAR BRANCH DUCT CONNECTIONS TO RECTANGULAR TRUNK DUCTS, INCLUDING SUPPLY, RETURN, OUTSIDE AIR AND EXHAUST DUCTS.

4 RECTANGULAR BRANCH DUCT TAP
NOT TO SCALE



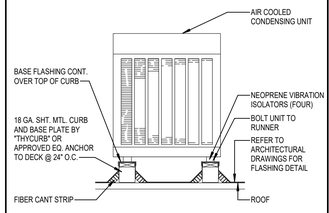
NOTES:
1. ALL FLEXIBLE DUCT OFFSETS AND BENDS SHALL MAINTAIN A RADIUS OF 1.5 X ("D") MINIMUM 3'-0" AND MAXIMUM 6'-0".
2.TYPICAL OF ROUND DUCT CONNECTIONS TO RECTANGULAR DUCTS
3.ALL JOINTS SHALL BE SEALED WITH MASTIC AND FIBER CLOTH PER SPECIFICATIONS.

5 SPIN-IN DETAIL
NOT TO SCALE



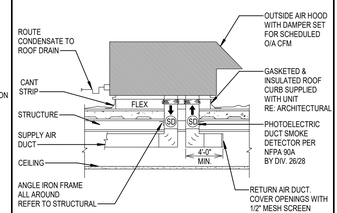
NOTES:
1. ALL FLEXIBLE DUCT OFFSETS AND BENDS SHALL MAINTAIN A RADIUS OF 1.5 X ("D") MINIMUM 3'-0" AND MAXIMUM 6'-0".
2. TYPICAL OF ROUND DUCT CONNECTIONS TO VAV BOXES FROM RECTANGULAR MAIN DUCTS.
3. ALL JOINTS SHALL BE SEALED WITH MASTIC AND FIBER CLOTH PER SPECIFICATIONS.

6 CONICAL SPIN-IN DETAIL
NOT TO SCALE



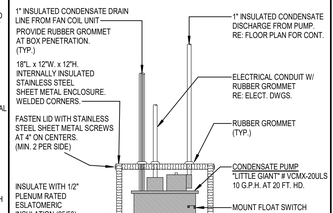
NOTE:
1. PROVIDE CLEARANCE AROUND UNIT FOR AIRFLOW AND SERVICE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

7 CONDENSING UNIT ROOF MOUNTED
NOT TO SCALE

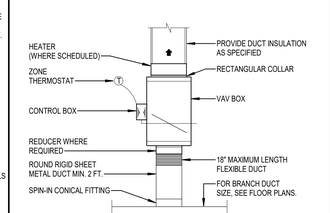


NOTE:
ALL CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH MALLEABLE IRON SCREWED FITTINGS.

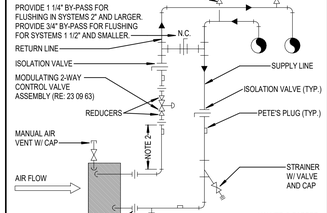
8 ROOF TOP UNIT MOUNTING DETAIL
NOT TO SCALE



9 COOLING COIL CONDENSATE PUMP
NOT TO SCALE

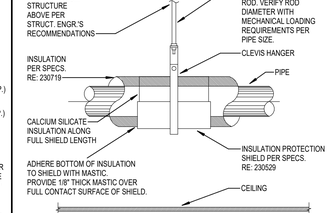


10 INTERIOR VAV TERMINAL UNIT
NOT TO SCALE



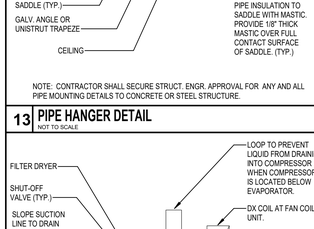
NOTES:
1. INSTALL 2-WAY CONTROL VALVE ORIENTATION PER MFGR. INSTALLATION INSTRUCTIONS.
2. PROVIDE STRAIGHT PIPE LENGTH ≥ TIMES NOMINAL PIPE DIA. UPSTREAM OF CTRL. VALVE.

11 2-WAY CONTROL VALVE AND COIL PIPING
NOT TO SCALE



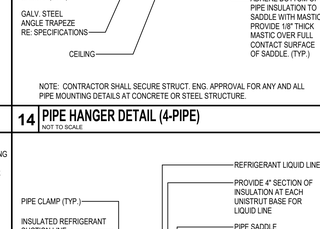
NOTE:
CONTRACTOR SHALL SECURE STRUCT. ENGR. APPROVAL FOR ANY AND ALL PIPE MOUNTING DETAILS TO CONCRETE OR STEEL STRUCTURE. CONTRACTOR SHALL CONFORM TO ALL MAXIMUM SPAN DISTANCES PER SPECIFICATIONS FOR HANGER SPACING. RE: 230529

12 PIPE HANGER DETAIL (1-PIPE)
NOT TO SCALE



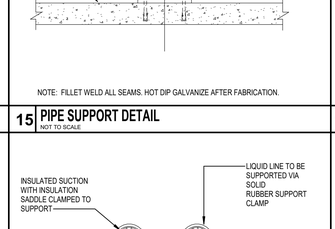
NOTE: CONTRACTOR SHALL SECURE STRUCT. ENGR. APPROVAL FOR ANY AND ALL PIPE MOUNTING DETAILS TO CONCRETE OR STEEL STRUCTURE.

13 PIPE HANGER DETAIL
NOT TO SCALE



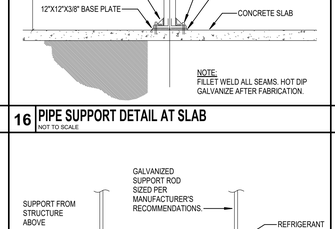
NOTE: CONTRACTOR SHALL SECURE STRUCT. ENG. APPROVAL FOR ANY AND ALL PIPE MOUNTING DETAILS AT CONCRETE OR STEEL STRUCTURE.

14 PIPE HANGER DETAIL (4-PIPE)
NOT TO SCALE



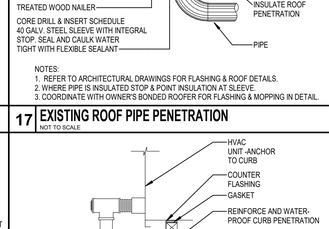
NOTE: FILLET WELD ALL SEAMS. HOT DIP GALVANIZE AFTER FABRICATION.

15 PIPE SUPPORT DETAIL
NOT TO SCALE



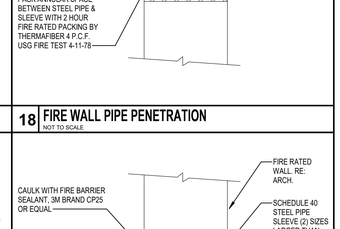
NOTE:
FILLET WELD ALL SEAMS. HOT DIP GALVANIZE AFTER FABRICATION.

16 PIPE SUPPORT DETAIL AT SLAB
NOT TO SCALE

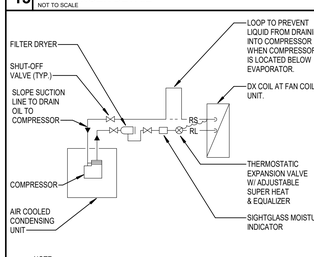


NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR FLASHING & ROOF DETAILS.
2. WHERE PIPE IS INSULATED STOP & POINT INSULATION AT SLEEVE.
3. COORDINATE WITH OWNER'S BONDED ROOFER FOR FLASHING & MOPPING IN DETAIL.

17 EXISTING ROOF PIPE PENETRATION
NOT TO SCALE

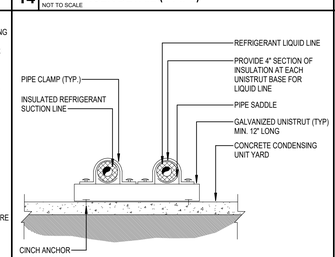


18 FIRE WALL PIPE PENETRATION
NOT TO SCALE



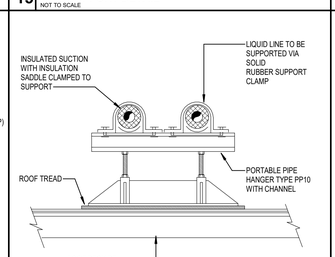
NOTE:
1. COMPLY WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
2. TYPICAL FOR EACH SEPARATE REFRIGERANT CIRCUIT.
3. PROVIDE FILTER DRYER ON ALL SYSTEMS.
4. USE "ACR" HARD DRAWN COPPER REFRIGERANT PIPE.

19 REFRIGERANT PIPING SCHEMATIC
NOT TO SCALE

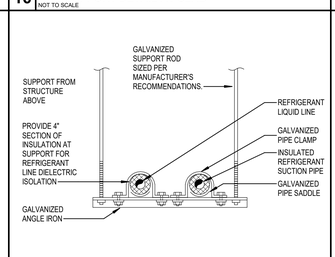


NOTE: PROVIDE SUPPORTS AT 3'-0" ON CENTER AND WITHIN 1'-0" OF ALL CHANGES IN PIPE DIRECTION.

20 FLOOR MOUNTED REFR. PIPE
NOT TO SCALE

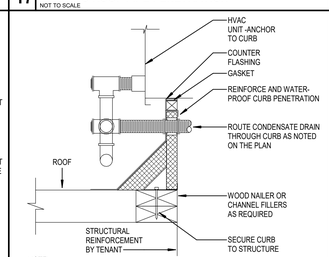


21 ROOF MTD. REFR. PIPE SUPPORT
NOT TO SCALE



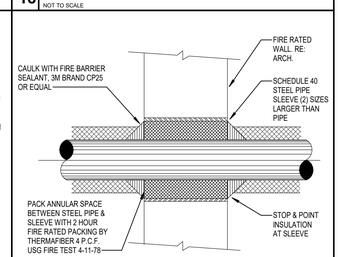
NOTE: PROVIDE SUPPORTS AT 3'-0" ON CENTER MAX. AND WITHIN 1'-0" OF ALL CHANGES IN PIPE DIRECTION.

22 REFRIGERANT PIPE HANGER
NOT TO SCALE

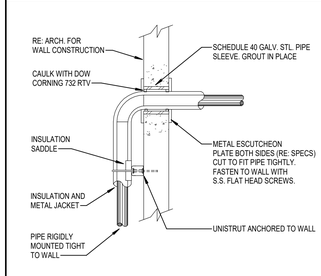


NOTE:
1. COORDINATE WITH APPROVED ROOFING CONTRACTOR. ROOF PENETRATION AND LOCATION SHALL BE COORDINATED AND APPROVED BY ROOFING CONTRACTOR.
2. ALL CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH MALLEABLE IRON SCREWED FITTINGS.

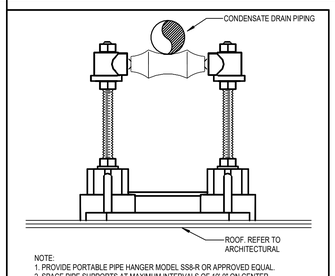
23 CONDENSATE DRAIN THRU CURB
NOT TO SCALE



24 FIRE WALL INSULATED PIPE PENETRATION
NOT TO SCALE



25 PIPE ENTRY THRU EXTERIOR WALL
NOT TO SCALE



NOTE:
1. PROVIDE PORTABLE PIPE HANGER MODEL SSS-R OR APPROVED EQUAL.
2. SPACE PIPE SUPPORTS AT MAXIMUM INTERVALS OF 10'-0" ON CENTER.
3. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND INSTALLATION REQUIREMENTS.

26 DRAIN LINE SUPPORT ON ROOF
NOT TO SCALE

100% DESIGN DEVELOPMENT

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No.	DATE	DESCRIPTION

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ROBERTO H. TIJERINA, P.E.
TEXAS # 113166

MISSION CISD - BRYAN ES - INDOOR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: MECHANICAL DETAILS

SHEET NUMBER: M6.01

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TBPE Firm Registration No. 2234

DBR Project Number 218033.002

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MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.

D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

2 DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.

3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 MD1.11 **COMPOSITE DEMO MECHANICAL PLAN**
1/16" = 1'-0"

100% DESIGN DEVELOPMENT

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CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: COMPOSITE DEMO MECHANICAL PLAN

SHEET NUMBER: MD1.11

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DBR Project Number 218033.002

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MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

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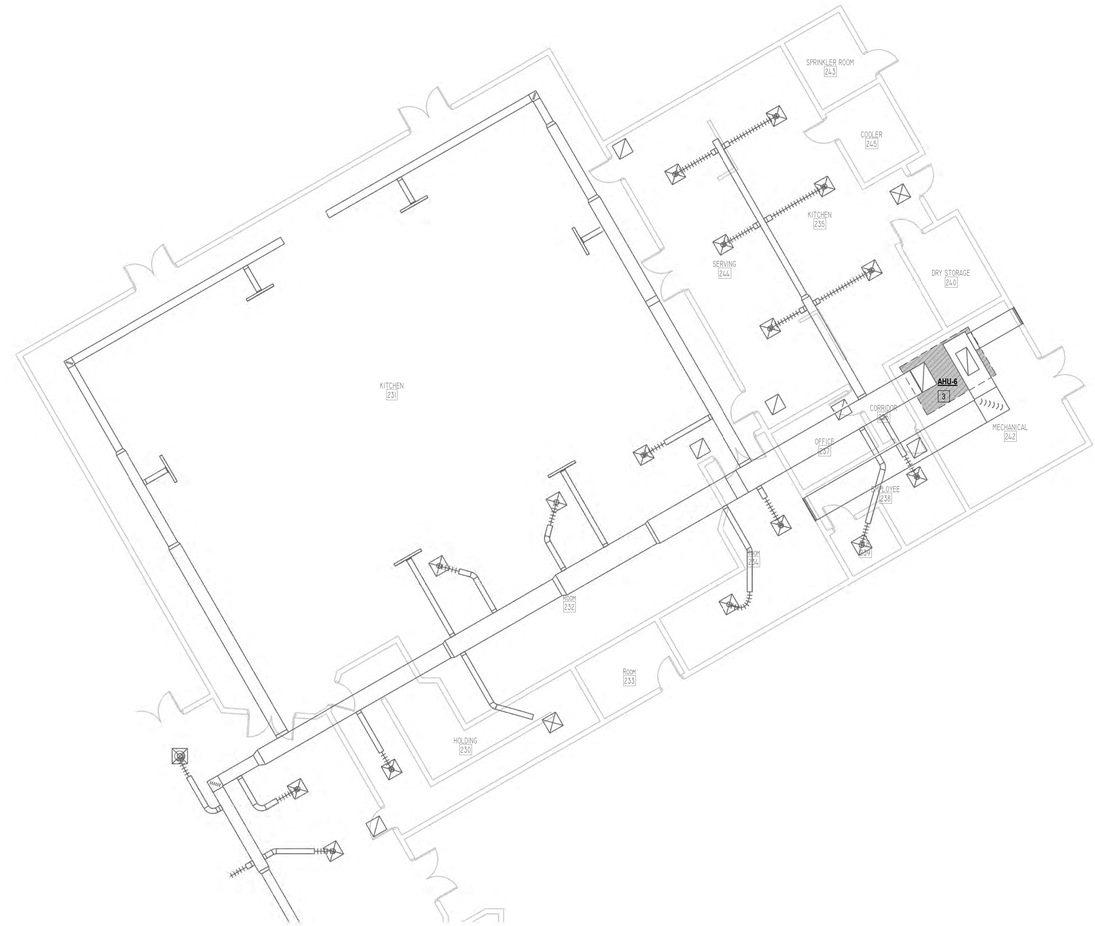
D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

2 DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.

3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 MD2.11 **DEMO MECHANICAL PLAN - AREA A**
1/8" = 1'-0"

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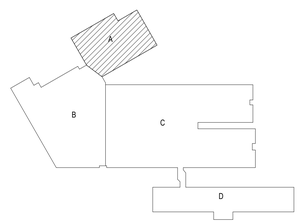
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DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: DEMO MECHANICAL PLAN - AREA A

SHEET NUMBER: MD2.11

100% DESIGN DEVELOPMENT

2/7/2023 9:06:26 AM
Autodesk Docs://218033.002-MCISD-Bryan ES 101-IAC Improvements/218033_BRYAN_MEP22.rvt

MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.

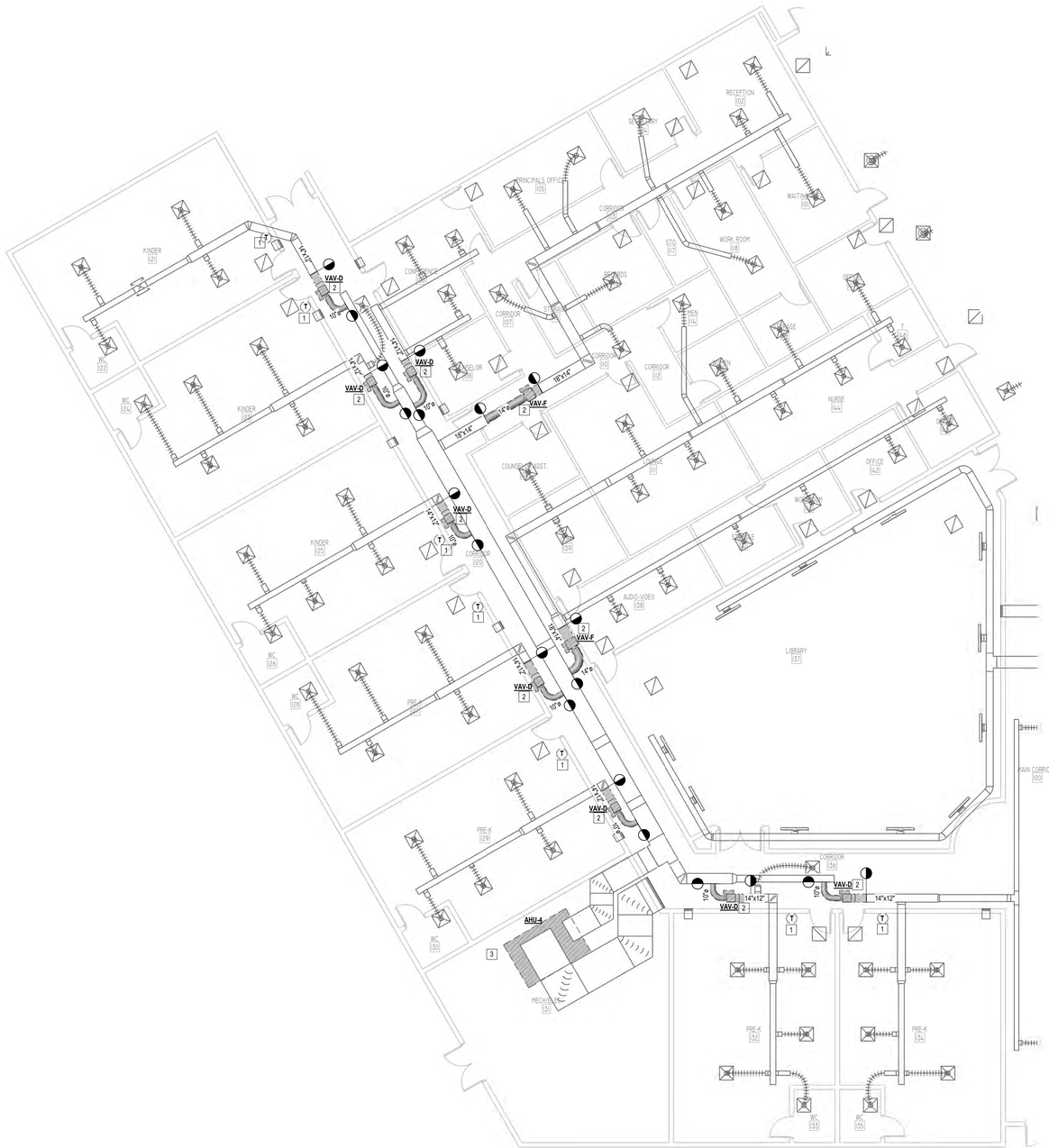
D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

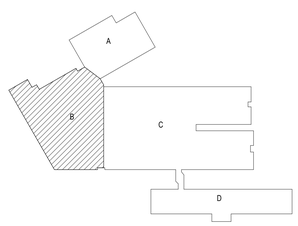
1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

2 DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.

3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 MD2.12 **DEMO MECHANICAL PLAN - AREA B**
1/8" = 1'-0"



100% DESIGN DEVELOPMENT

TN PN

DBR
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f
TBPE Firm Registration No. 2234

DBR Project Number 218033.002

RT | JR

DBR
SERVICE | QUALITY | INTEGRITY | SUSTAINABILITY
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f

28

REVISION:

No.	DATE	DESCRIPTION

SEAL:

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01/19/2023
ROBERTO H. TIJERINA, P.E.
TEXAS # 121566

MISSION CISD - BRYAN ES - INDOOR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: DEMO MECHANICAL PLAN - AREA B

SHEET NUMBER: MD2.12

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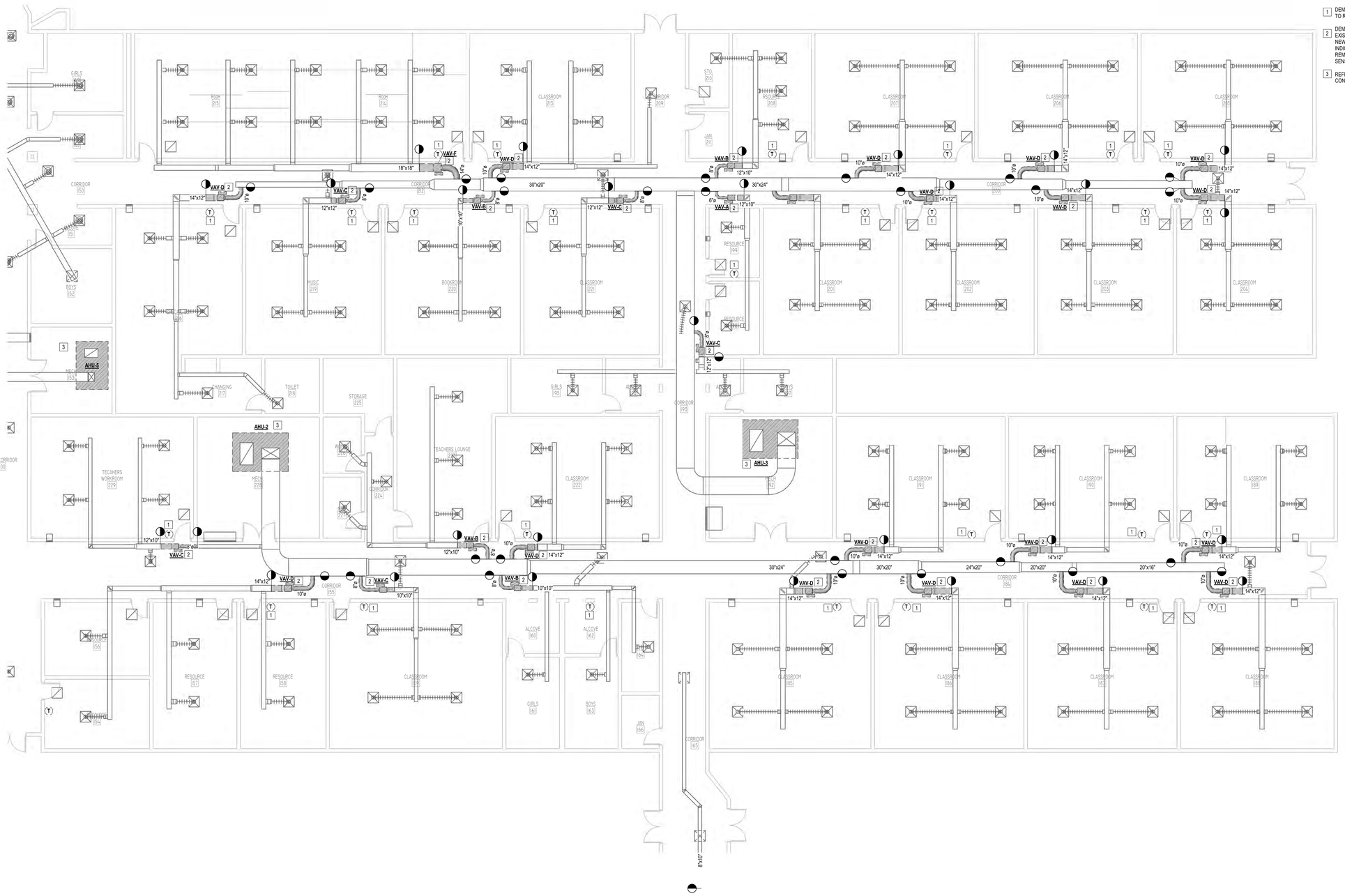
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3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.


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AHU-3
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MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

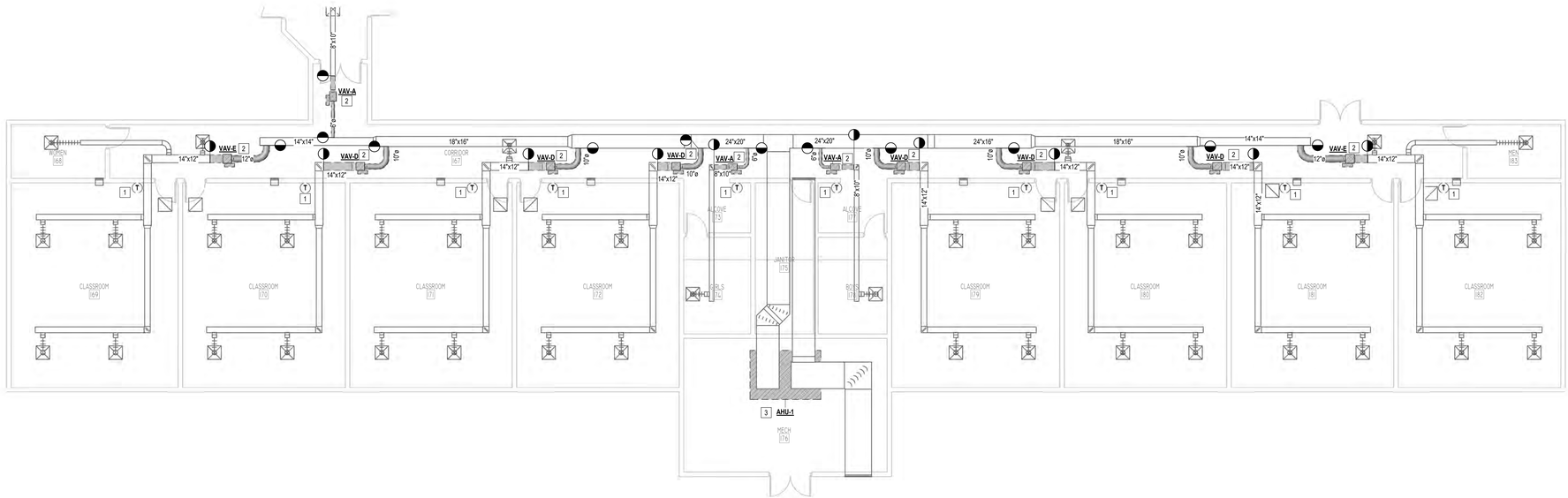
B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.

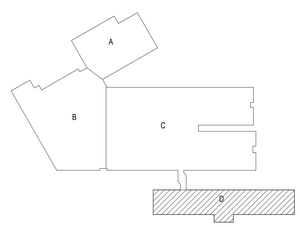
D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

1. DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.
2. DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 MD2.14 **DEMO MECHANICAL PLAN - AREA D**
1/8" = 1'-0"



100% DESIGN DEVELOPMENT

TN PN

DBR
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f
TBPE Firm Registration No. 2234

DBR Project Number 218033.002

RT | JR

DBR
SERVICE | QUALITY | INTEGRITY | SUSTAINABILITY
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f

REVISION:

No.	DATE	DESCRIPTION

SEAL:

NOT FOR CONSTRUCTION OR PERMITTING; PRINTED FOR REVIEW ONLY.
01/19/2023
ROBERTO H. TUERNA, P.E.
TEXAS # 121566

MISSION CISD - BRYAN ES - INDOOR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 01/19/2023

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.002

SHEET TITLE: DEMO MECHANICAL PLAN - AREA D

SHEET NUMBER: MD2.14

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ABBREVIATIONS

A

A	AIR (COMPRESSED)
ABV	ABOVE
AC	AIR CONDITIONING
AC	ALTERNATING CURRENT, AIR COMPRESSOR
ACCH	AIR COOLED CHILLER
ACCU	AIR COOLED CONDENSING UNIT
AD	ACCESS DOOR, AREA DRAIN
ADJ	ADJUSTABLE
AF	AIR FILTER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHRI	AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMB	AMBIENT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
ARCH	ARCHITECT, ARCHITECTURAL
AS	AIR SEPARATOR
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AV	ACID VENT, AIR VENT
AVG	AVERAGE
AW	ACID WASTE
AWS	AMERICAN WELDING SOCIETY
AUX	AUXILIARY

B

B	BOILER
BC	BELOW COUNTER
B/C	BACK OF CURB
BFF	BELOW FINISHED FLOOR
BFV	BUTTERFLY VALVE
BH	BOX HYDRANT
BLDG	BUILDING
BM	BENCHMARK
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STRUCTURE
BP	BACKFLOW PREVENTER
BTU	BRITISH THERMAL UNIT
BV	BALL VALVE
BWV	BACK WATER VALVE

C

C	CELSIUS
CAB	CABINET
CB	CATCH BASIN
CD	CONDENSATE DRAIN LINE
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CH	CHILLER
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CHW	CHILLED WATER
CHWP	CHILLED WATER PUMP
CI	CAST IRON
CIRC	CIRCULATING
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
COMP	COMPRESSOR
CONC	CONCRETE, CONCENTRIC
COND	CONDENSER, CONDENSATE
CONN	CONNECTION
CONT	CONTINUOUS,CONTINUATION
CTR	CENTER
CU	COPPER

D

D	DEPTH, DRAIN, DRYER
DB	DRY BULB
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DDMB	DUAL DUCT MIXING BOX
DESIG	DESIGNATION
DTL	DETAIL
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DISC	DISCONNECT
DN	DOWN
DPR	DAMPER
DW	DISHWASHER
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWP	DOMESTIC WATER PUMP
DX	DIRECT EXPANSION

E

EA	EACH
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ECC	ECCENTRIC
EDB	ENTERING DRY BULB
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EFF	EFFICIENCY
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EMERG	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EVAP	EVAPORATOR
EWB	ENTERING WET BULB
EWT	ENTERING WATER TEMPERATURE
EX	EXPLOSION PROOF
EXT	EXTERNAL
EXTG	EXISTING

F

F	FAHRENHEIT, FIRE
FBO	FURNISHED BY OTHERS
FCO	FLOOR CLEAN OUT
FCS	FLOOR CONTROL STATION
FCU	FAN COIL UNIT
FD	FLOOR DRAIN, FIRE DAMPER
FDC	FIRE DEPARTMENT SIAMESE CONNECTION
FDV	FIRE DEPARTMENT VALVE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FLR	FLOOR
FPTU	FAN POWERED TERMINAL UNIT
FT	FOOT, FEET
FUT	FUTURE

G

G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLV	GLOBE VALVE
GND	GROUND
GPM	GALLONS PER MINUTE
GV	GATE VALVE

H

HORIZ	HORIZONTAL
HP	HORSEPOWER
HSTAT	HUMIDISTAT
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HWP	HEATING WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ

I

ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IH	INFRARED HEATER
IN	INCH
INSUL	INSULATION
INT	INTERNAL, INTERIOR
INV	INVERT
IW	INDIRECT WASTE

J

JB	JUNCTION BOX
JP	JOCKEY PUMP

K

KEC	KITCHEN EQUIPMENT CONTRACTOR
KO	KNOCKOUT
KVA	KILOVOLT- AMPS
KW	KILOWATT

L

L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LF	LINEAR FEET
LP	LOW PRESSURE
LRA	LOCKED ROTOR AMPS
LVL	LEVEL
LWB	LEAVING WET BULB
LWCO	LOW WATER CUT OFF
LWT	LEAVING WATER TEMPERATURE

M

MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBTUH	THOUSAND OF BTU'S
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MI	MALLEABLE IRON
MIN	MINIMUM
MP	MEDIUM PRESSURE
MS	MOP SINK
MTD	MOUNTED
MU	MAKE-UP
MVD	MANUAL VOLUME DAMPER
MSAH	MINI-SPLIT AIR HANDLER
MSCU	MINI-SPLIT CONDENSING UNIT

N

N.C.	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NO.	NUMBER
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR
OAF	OUTSIDE AIR FAN
OAHU	OUTSIDE AIR HANDLING UNIT
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER, OVERFLOW DRAIN
OFCU	OUTSIDE AIR FAN COIL UNIT
OPG	OPENING
OS&Y	OPEN STEM AND YOLK

P

PG	PRESSURE GAUGE
PP	POLYPROPYLENE
PPM	PART PER MILLION
PRI	PRIMARY
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE

Q

QTY	QUANTITY

R

RA	RETURN AIR
RAD	REFRIGERATED AIR DRYER
RAF	RETURN AIR FAN
RAG	RETURN AIR GRILLE
RAT	RETURN AIR TEMPERATURE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	REFERENCE, REFER
RED	REDUCER
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION, REVISE
RH	RELATIVE HUMIDITY
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RLA	RUNNING LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RTU	ROOFTOP UNIT
RV	RELIEF VALVE

S

SA	SUPPLY AIR
SAF	SUPPLY AIR FAN
SAG	SUPPLY AIR GRILLE
SAN	SANITARY SEWER
SAR	SUPPLY AIR REGISTER
SC	STEAM CONDENSATE
SCHED	SCHEDULED
SD	STORM DRAIN
SEC	SECONDARY
SECT	SECTION
SENS	SENSIBLE
SF	SQUARE FEET
SFCS	SPRINKLER FLOOR CONTROL STATION
SH	SHOWER
SHT	SHEET
SIM	SIMILAR
SK	SINK
SM	SHEETMETAL
SP	STATIC PRESSURE, SUMP PUMP
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SS	SERVICE SINK
SSSC	SOLID STATE SPEED CONTROL
STD	STANDARD
STL	STEEL
STR	STRAINER
SURF	SURFACE
SUSP	SUSPEND
SV	SANITARY VENT
SW	SOFT WATER

T

TC	TEMPERATURE CONTROL
TCC	TEMPERATURE CORNEAL COMPRESSOR
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TF	TRANSFER FAN
TH BLK	THRUST BLOCK
THERM	THERMOMETER
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TPD	TRAP PRIMER DEVICE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TW	TEMPERED HOT WATER
TYP	TYPICAL

U

U	URINAL
UCD	UNDER CUT DOOR
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC
UNO	UNLESS NOTED OTHERWISE
U/F	UNDERFLOOR
U/S	UNDERSLAB

V

V	VOLT
VA	VOLT- AMPERE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VALVE BOX, VACUUM BREAKER
VD	VOLUME DAMPER
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VIB	VALVE IN BOX
VOV	VALVE ON VERTICAL
VP	VACUUM PUMP
VR	VARIABLE AIR VOLUME REHEAT
VTR	VENT THRU ROOF

W

W	WATT, WIDTH
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WM	WATER METER
WP	WEATHERPROOF
WPD	WATER PRESSURE DROP
WWF	WELDED WIRE FABRIC

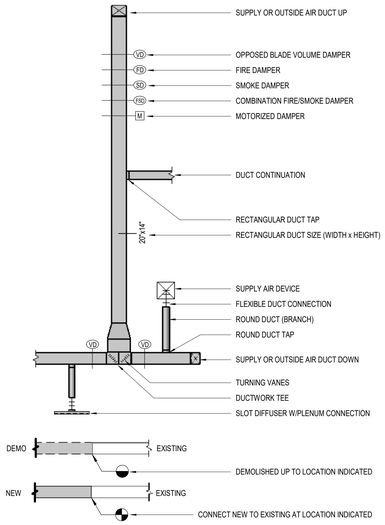
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Y	YARD HYDRANT

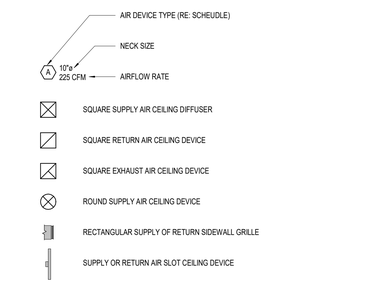
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Z	ZONE

DUCTWORK



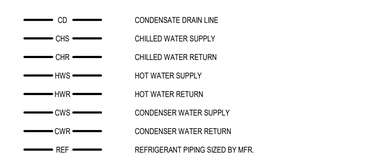
AIR DEVICE TYPES



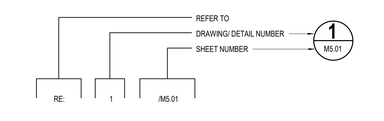
WALL MOUNTED SENSOR TYPES



PIPING TYPES



DRAWING/DETAIL REFERENCE KEY



MECHANICAL GENERAL NOTES

1. PIPING AND DUCTWORK SHOWN ON PLANS ARE SCHEMATIC ONLY. COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING. OFFSET AND RUN PIPING DUCTWORK INSIDE THE STRUCTURE IF REQUIRED. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTING, INSULATION, AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATIONS.
2. EXACT LOCATIONS OF VAV TERMINAL UNITS, GRILLES, AND DAMPERS SHALL BE FIELD COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS AND ALLOW ADEQUATE CLEARANCES.
3. EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER DRAWINGS AND CUTSHEETS BEFORE FABRICATING OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS.
4. SHEET METAL INLET DUCTS TO VAV TERMINAL UNITS SHALL BE SAME SIZE AS THE BOX INLET SIZE. PROVIDE RIGID ROUND DUCT THAT IS ONE SIZE LARGER THAN THE INLET BOX SIZE IF THE DISTANCE BETWEEN THE MAIN DUCT AND THE VAV BOX IS MORE THAN 6'-0".
5. PROVIDE CONICAL SPIN-IN CONNECTOR FOR ALL ROUND DUCT CONNECTIONS TO VAV TERMINAL UNITS.
6. INSTALL VAV TERMINAL UNITS TO ENSURE ACCESS PANELS ARE NOT BLOCKED. ACCESS FOR SERVICE MUST BE PROVIDED.
7. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
8. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS.
9. PROVIDE RECTANGULAR BRANCH DUCT TAP FOR ALL RECTANGULAR DUCT CONNECTIONS TO RECTANGULAR DUCT TRUNKS.
10. ALL MEDIUM AND LOW PRESSURE DUCTWORK AND ASSOCIATED ACCESSORIES SHALL BE CONSTRUCTED TO MEET THE LATEST SMACNA STANDARDS FOR MEDIUM AND LOW PRESSURE DUCTWORK.
11. ALL OUTSIDE AIR, SUPPLY AIR, AND RETURN AIR DUCTWORK AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION WHERE LOCATED OUTSIDE THE BUILDING. REFER TO SPECIFICATION 23 07 13 DUCT INSULATION FOR FURTHER INFORMATION AND ADDITIONAL REQUIREMENTS.
12. ALL DUCTWORK SHALL BE CONSTRUCTED TO SEAL CLASS 'A' AS REFERENCED IN SMACNA STANDARDS. ALL NON-WELDED JOINTS AND SEAMS SHALL BE SEALED. THIS INCLUDES BUT IS NOT LIMITED TO TRANSVERSE JOINTS, LONGITUDINAL SEAMS, DUCT WALL PENETRATIONS, SPIN-INS, TAPS, AND OTHER BRANCH CONNECTIONS, ACCESS DOORS, ACCESS PANELS, AND DUCT CONNECTIONS TO EQUIPMENT. OPENINGS FOR ROTATING SHAFTS SHALL ALSO BE SEALED WITH BUSHINGS. REFER TO SPECIFICATION 23 31 13 METAL DUCTWORK FOR FURTHER INFORMATION.
13. ALL EXPOSED DUCTWORK AND PIPING WITH ASSOCIATED ACCESSORIES IN AREAS WITH NO CEILING OR PARTIAL CEILING SHALL BE PAINTED. REFER TO ARCHITECT FOR COLOR.
14. DIVISION 23 MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ACTUAL INSTALLATION OF TEMPERATURE SENSORS AND HUMIDITY SENSORS.
15. PROVIDE REMOTE SPIN-IN DAMPER OPERATOR FOR SPIN-IN CONNECTIONS AND VOLUME DAMPERS LOCATED OVER GYPSUM CEILINGS.
16. PROVIDE AIRFOIL TYPE TURNING VANES IN ALL 90 DEGREE ELBOWS.
17. PROVIDE INSULATED ACCESS DOORS FOR DUCTWORK DOWNSTREAM OF AIR HANDLING UNITS AT EVERY 20'-0" TO FACILITATE DUCT CLEANING. PROVIDE ACCESS DOORS WITHIN 5'-0" OF EACH ELBOW.
18. COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
19. ALL CEILING MOUNTED AND WALL MOUNTED AIR DEVICE FINISHES SHALL MATCH ADJACENT ARCHITECTURAL SURFACE. CONTRACTOR SHALL COORDINATE COLOR WITH ARCHITECT.
20. NO PIPE HANGERS SHALL BE SPACED MORE THAN 10'-0" O.C. COMPLY WITH PIPE SPACING AS SPECIFIED IN THE PIPING SUPPORT SPECIFICATIONS.
21. ALL CHILLED WATER AND HOT WATER PIPING LOCATED INSIDE BUILDING SHALL BE SUPPORTED FROM THE STRUCTURE WITH SADDLE OR TRAPEZE HANGERS WITH ADJUSTABLE CLEVIS OR THREADED RODS.
22. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL OUTSIDE AIR INTAKES TO MAINTAIN 15 FEET DISTANCE BETWEEN OUTSIDE AIR INTAKES AND ANY EXHAUST AIR OUTLET; FLUES OR PLUMBING VENTS.
23. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR FOR ALL CONDENSATE DRAIN PIPES CONNECTING TO A SINK DRAIN TAIL PIECE.
24. ALL KITCHEN GREASE EXHAUST DUCTWORK SHALL BE CONTINUOUSLY WELDED 16 GA. CARBON STEEL. ALL GREASE EXHAUST DUCTS SHALL BE WRAPPED WITH 3M 2 HR. FIRE RATED WRAP OR INSTALLED WITHIN A FIRE RATED ENCLOSURE.

CONTROLS SCHEMATIC SYMBOLS LEGEND

AI	ANALOG INPUT
AO	ANALOG OUTPUT
DI/BI	DIGITAL/BINARY INPUT
DO/BO	DIGITAL/BINARY OUTPUT
MD	ON-OFF MOTORIZED DAMPER
MMD	MODULATING TYPE MOTORIZED DAMPER
AFMS	AIR FLOW MEASURING STATION
MCV	CONTROL VALVE MODULATING TYPE
VFD	VARIABLE FREQUENCY DRIVE
CSR	CURRENT SENSING RELAY
FRZ	FREEZESTAT
HSL	HIGH STATIC LIMIT
SPT	STATIC PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE TRANSDUCER
FM	FLOW METER
FS	FLOW SWITCH
DAT	DISCHARGE AIR TEMPERATURE SENSOR
S	WALL SENSOR
T	THERMOSTAT
CO2	CARBON DIOXIDE SENSOR
SP	SET POINT
S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
HC	HEATING COIL
CC	COOLING COIL
DX	DIRECT EXPANSION COOLING COIL
PICCV	PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE
AFC	AIRFLOW CROSS
DPS	DIFFERENTIAL PRESSURE SWITCH

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TBPE Firm Registration No. 2234

TBPE Firm Registration No. 2234

DATE: 12/13/21

DRAWN BY:

CHECKED BY:

PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL SYMBOL LEGEND

SHEET NUMBER: M0.01

DBR Project Number 218033.015

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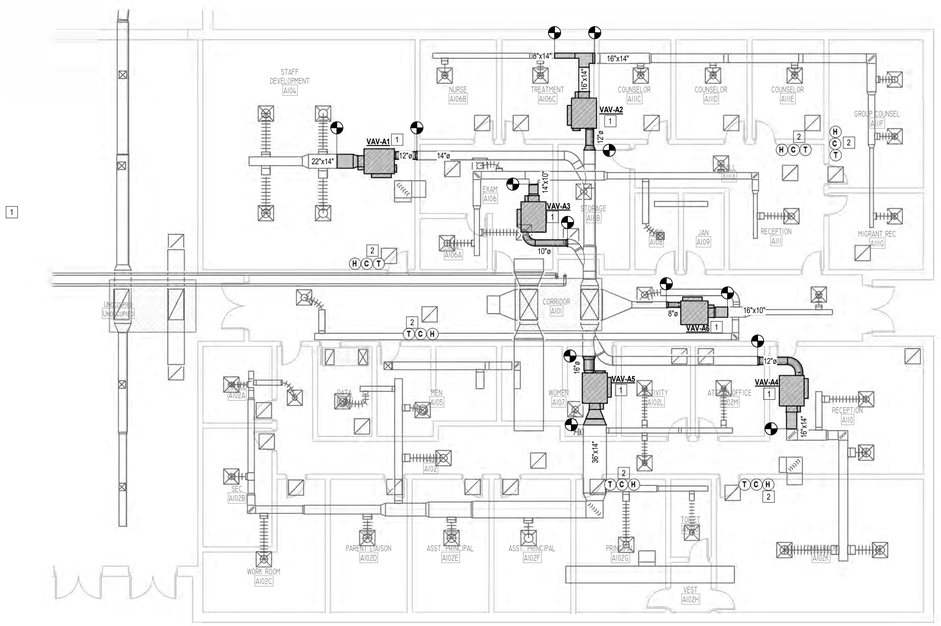
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MECHANICAL GENERAL NOTES

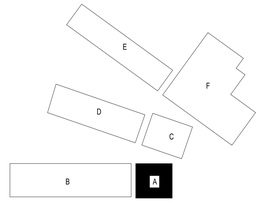
A. REFER TO SHEET M0.01 FOR GENERAL MECHANICAL NOTES.

MECHANICAL GENERAL NOTES

1. APPROXIMMATE LOCATION OF NEW SINGLE DUCT BOX. THE CONTRACTOR SHALL INSTALL A NEW SINGLE DUCT BOX IN THE EXISTING DUCTWORK. THE CONTSCTOR SHALL REMOVE AND PATCH EXISTING DUCTWORK AS NECESSARY. TYP.
2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.11 **MECHANICAL PLAN - SECTION A**
1/8" = 1'-0"



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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL PLAN - BUILDING A

SHEET NUMBER: M2.11

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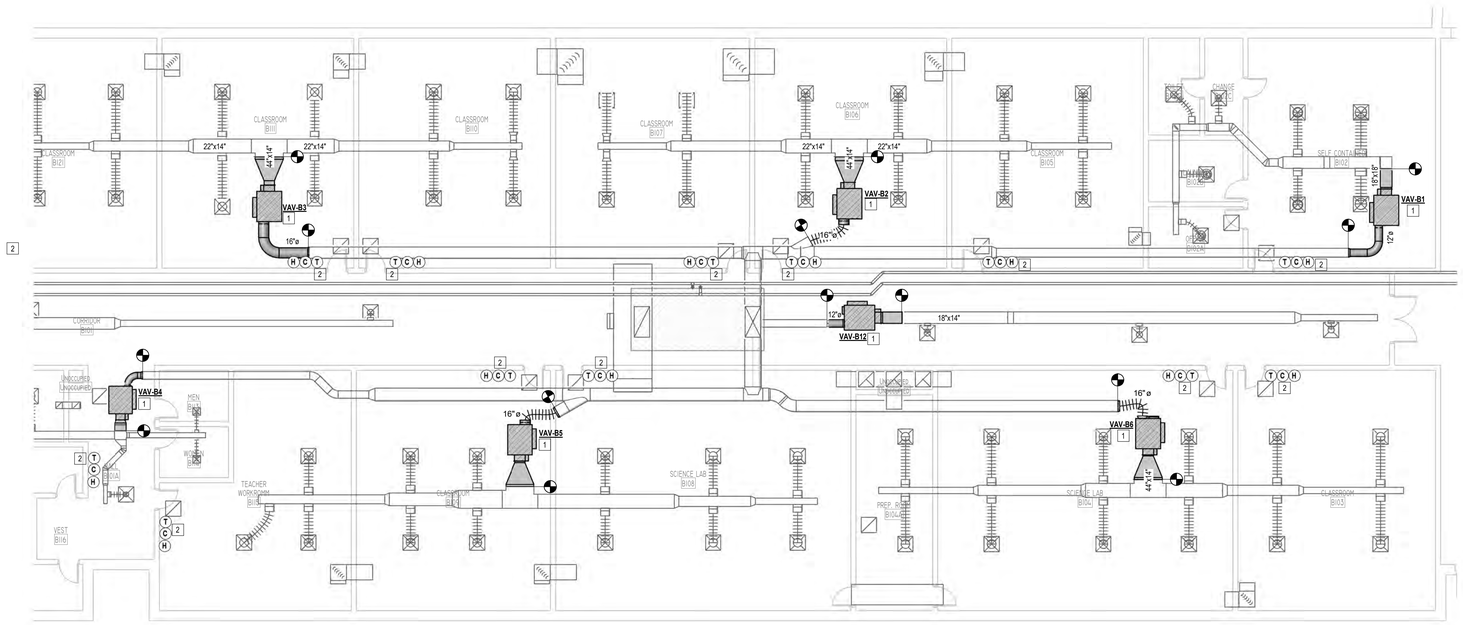
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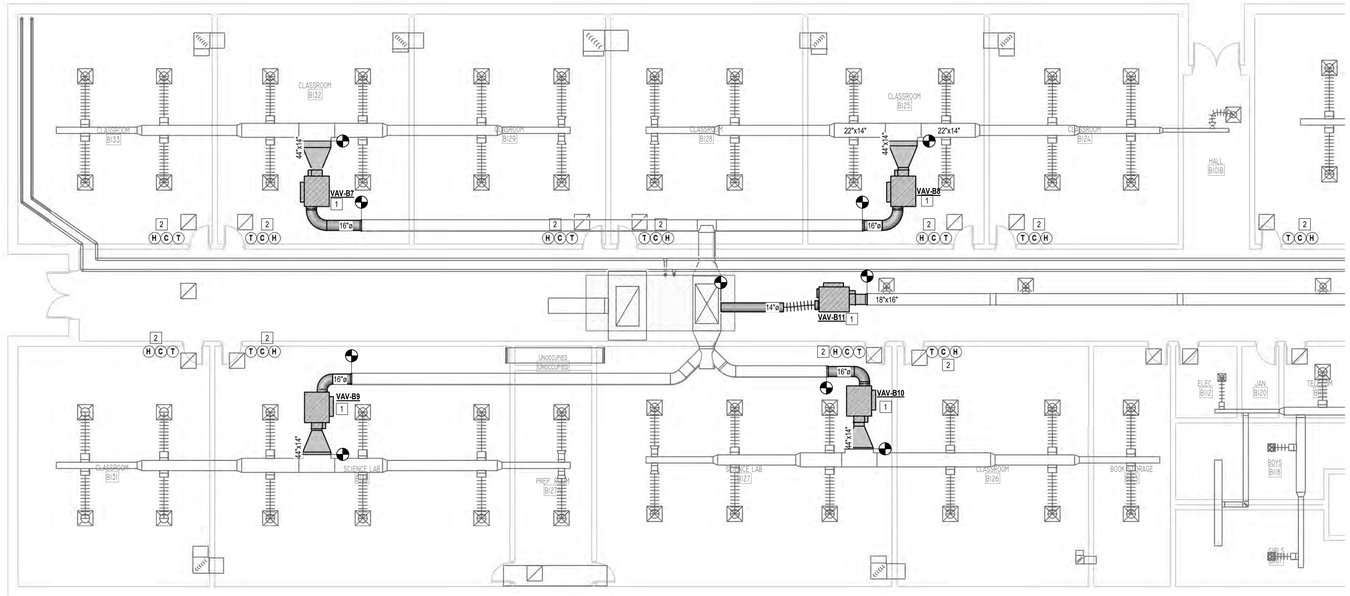
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1 MECHANICAL PLAN - BLDG B NORTH
M2.12 — 1/8" = 1'-0"



2 MECHANICAL PLAN - BLDG B SOUTH
M2.12 — 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

A. REFER TO SHEET M0.01 FOR GENERAL MECHANICAL NOTES.

MECHANICAL GENERAL NOTES

1. APPROXIMMATE LOCATION OF NEW SINGLE DUCT BOX. THE CONTRACTOR SHALL INSTALL A NEW SINGLE DUCT BOX IN THE EXISTING DUCTWORK. THE CONTSCTOR SHALL REMOVE AND PATCH EXISTING DUCTWORK AS NECESSARY. TYP.
2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.

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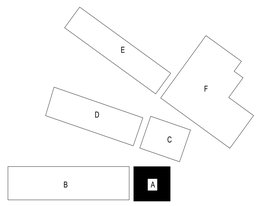
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SHEET TITLE: MECHANICAL PLAN - BUILDING B

SHEET NUMBER: M2.12



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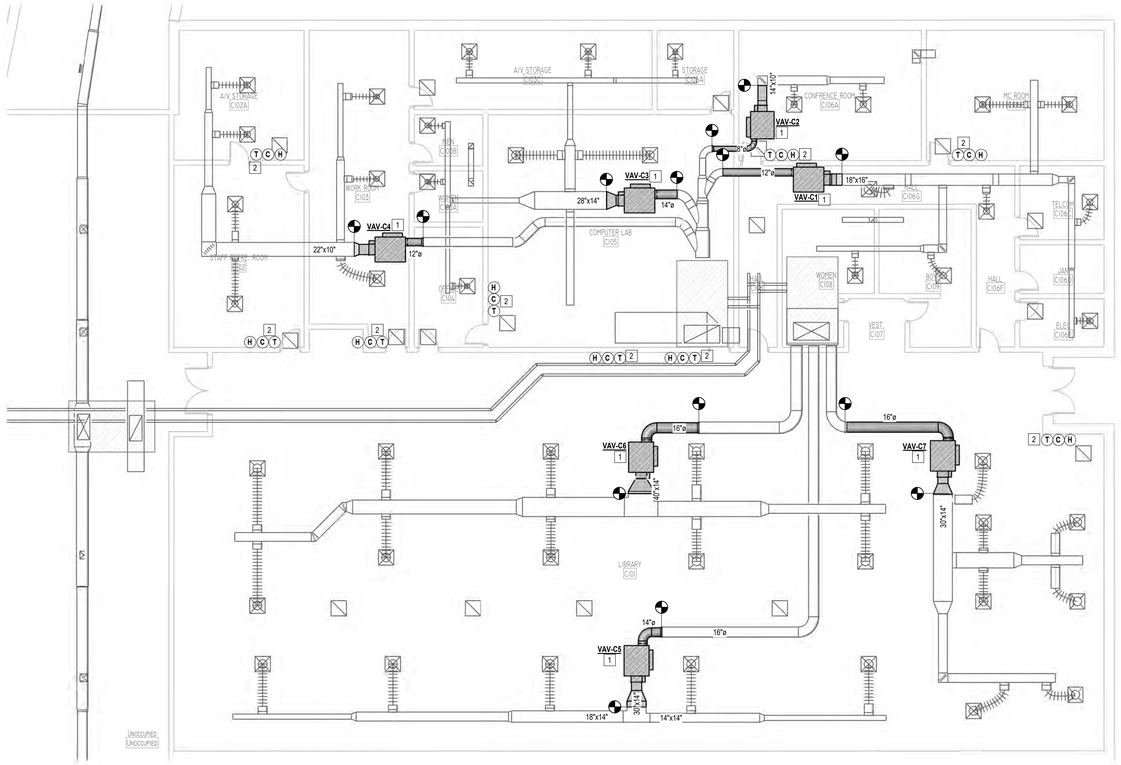
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MECHANICAL GENERAL NOTES

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3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.



1 M2.13 **MECHANICAL PLAN - SECTION C**
1/8" = 1'-0"

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SHEET TITLE: MECHANICAL PLAN - BUILDING C

SHEET NUMBER: M2.13

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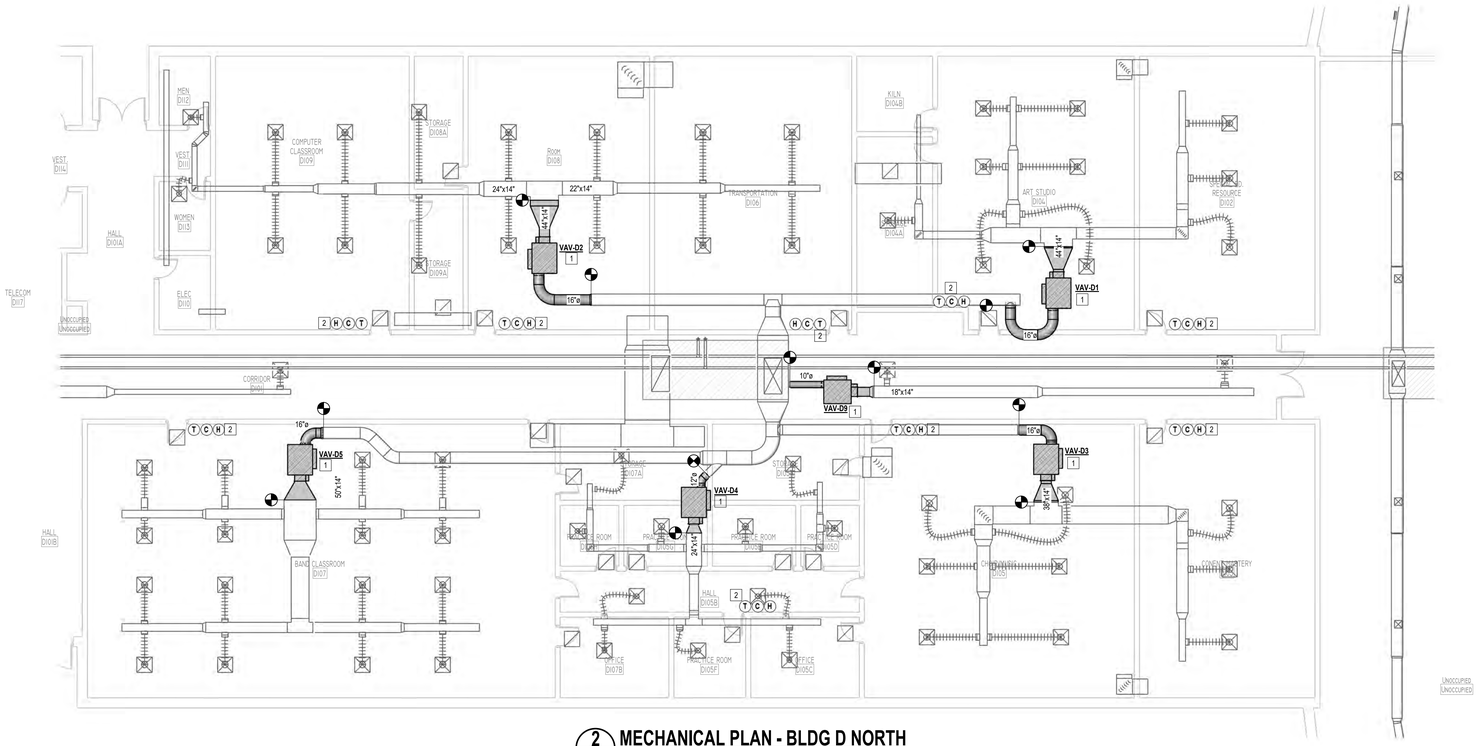
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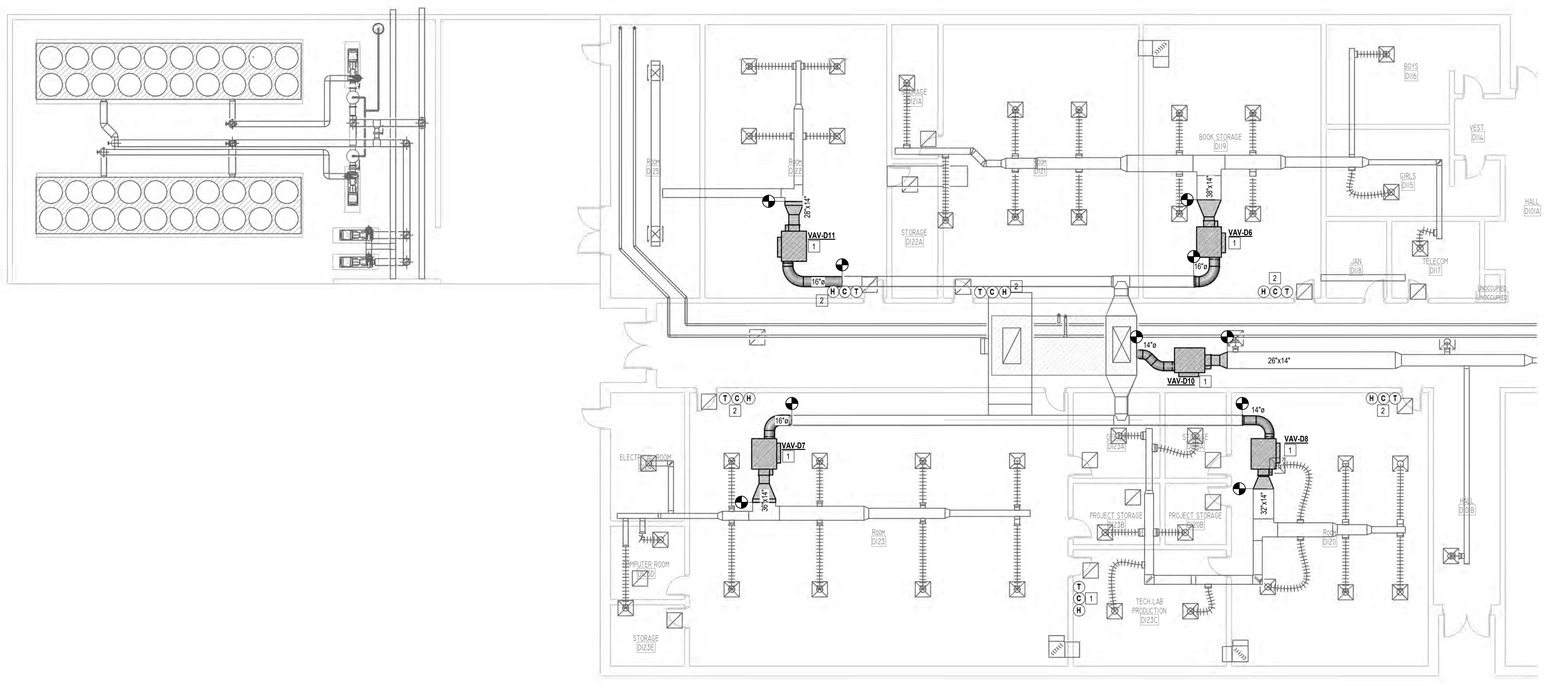
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2 MECHANICAL PLAN - BLDG D NORTH

M2.14 1/8" = 1'-0"



1 MECHANICAL PLAN - BLDG D SOUTH

M2.14 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

A. REFER TO SHEET M0.01 FOR GENERAL MECHANICAL NOTES.

MECHANICAL GENERAL NOTES

1. APPROXIMMATE LOCATION OF NEW SINGLE DUCT BOX. THE CONTRACTOR SHALL INSTALL A NEW SINGLE DUCT BOX IN THE EXISTING DUCTWORK. THE CONTSCTOR SHALL REMOVE AND PATCH EXISTING DUCTWORK AS NECESSARY. TYP.
2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.

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SHEET TITLE: MECHANICAL PLAN - BUILDING D

SHEET NUMBER: M2.14

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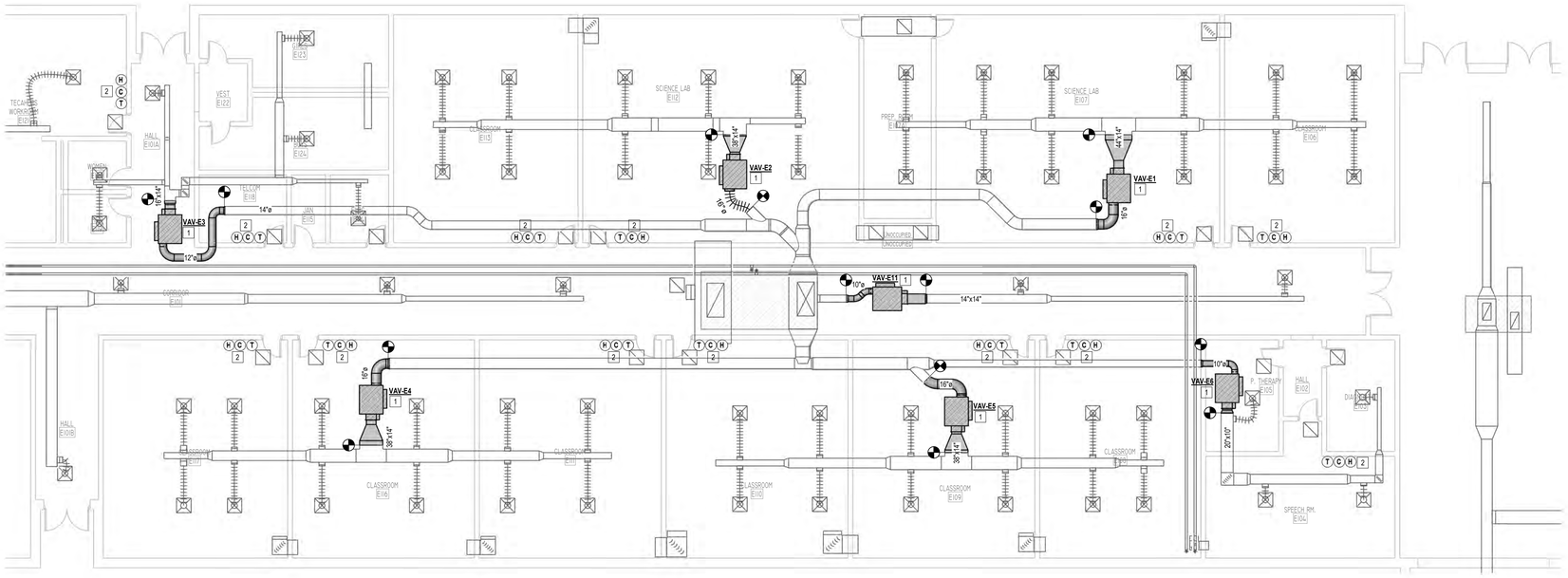
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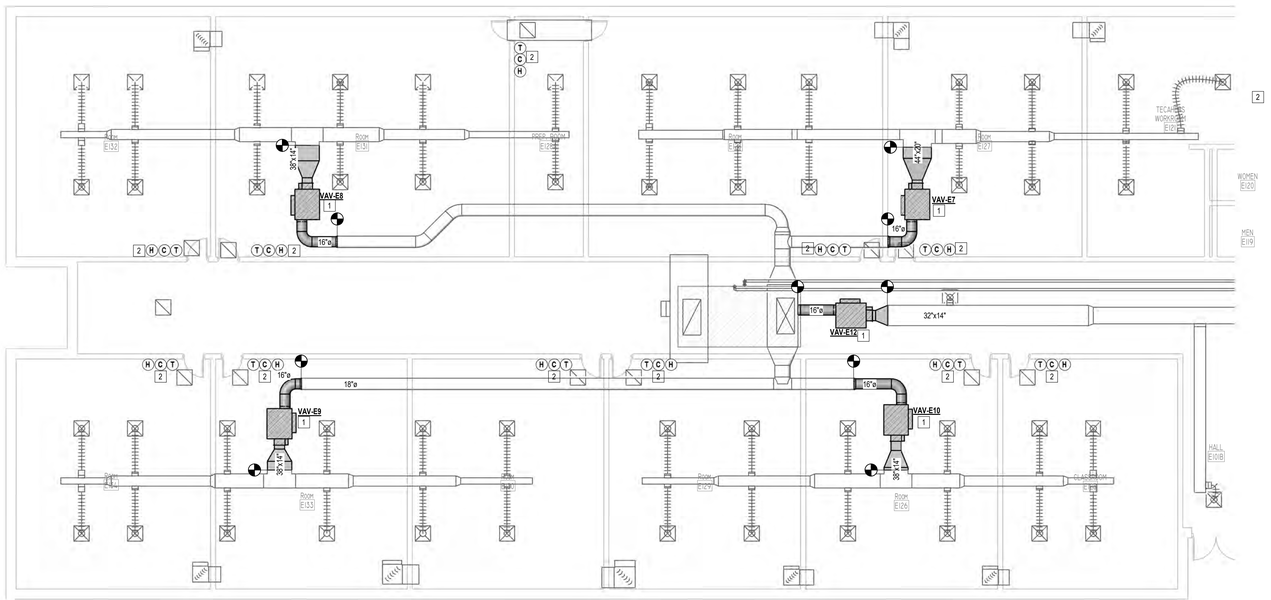
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1 MECHANICAL PLAN - BLDG E NORTH
M2.15 — 1/8" = 1'-0"



2 MECHANICAL PLAN - BLDG E SOUTH
M2.15 — 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

A. REFER TO SHEET M0.01 FOR GENERAL MECHANICAL NOTES.

MECHANICAL GENERAL NOTES

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2. NEW DDC TEMPERATURE, RELATIVE HUMITY, AND CO2 SENSORS.
3. REFER TO ENLARGED MECHANICAL ROOM PLANS FOR THE MECHANICAL ROOM VIEW CONTINUATION.

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SHEET TITLE: MECHANICAL PLAN - BUILDING E

SHEET NUMBER: M2.15

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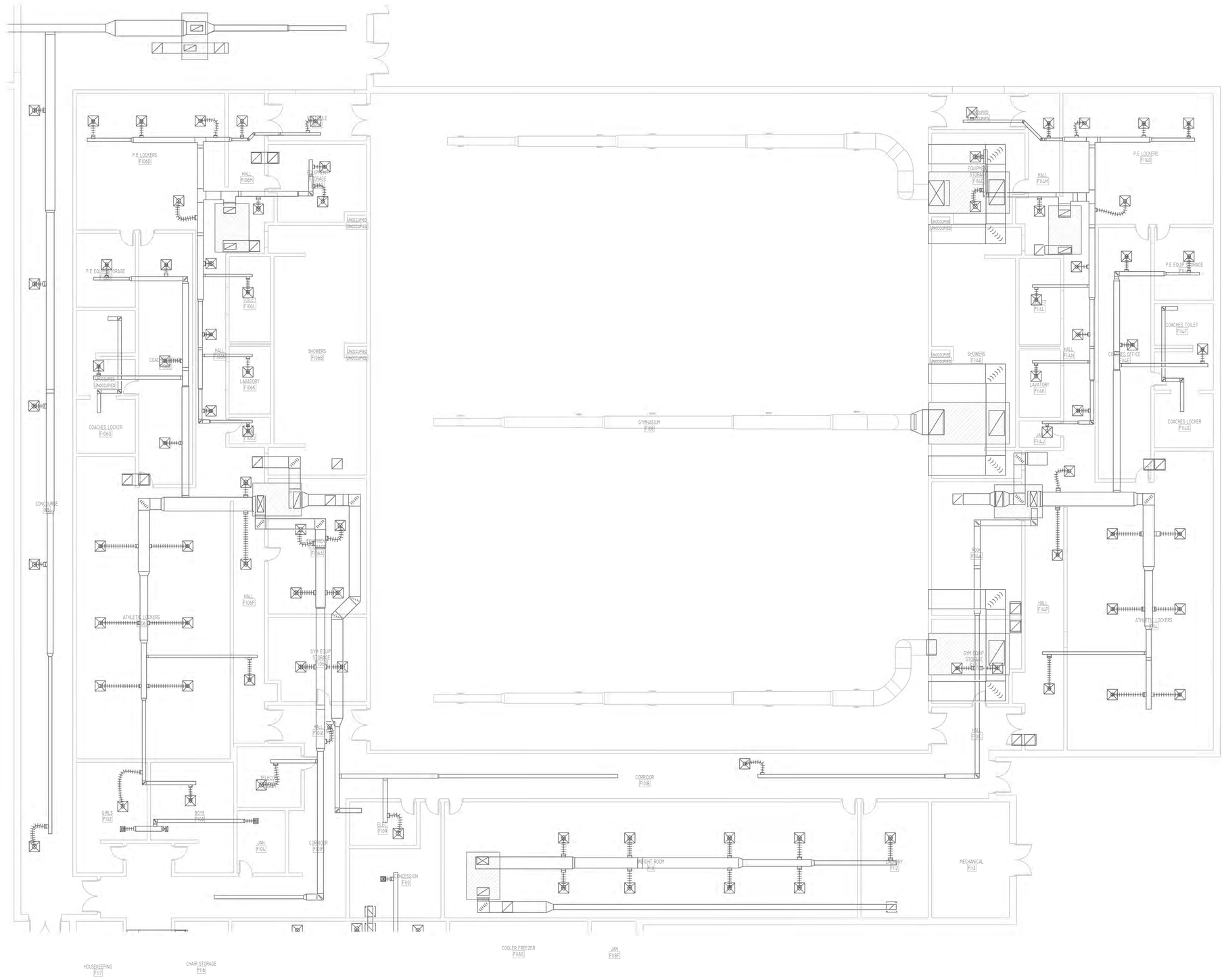
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MECHANICAL KEYED NOTES



1 M2.16 **MECHANICAL PLAN - BLDG F NORTH**
1/8" = 1'-0"

100% DESIGN DEVELOPMENT

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TEXAS # 90671

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - ALTON MEMORIAL JHS - INDOOR AIR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 05/02/2022

DRAWN BY: DBR

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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL PLAN - BUILDING F - NORTH

SHEET NUMBER: M2.16

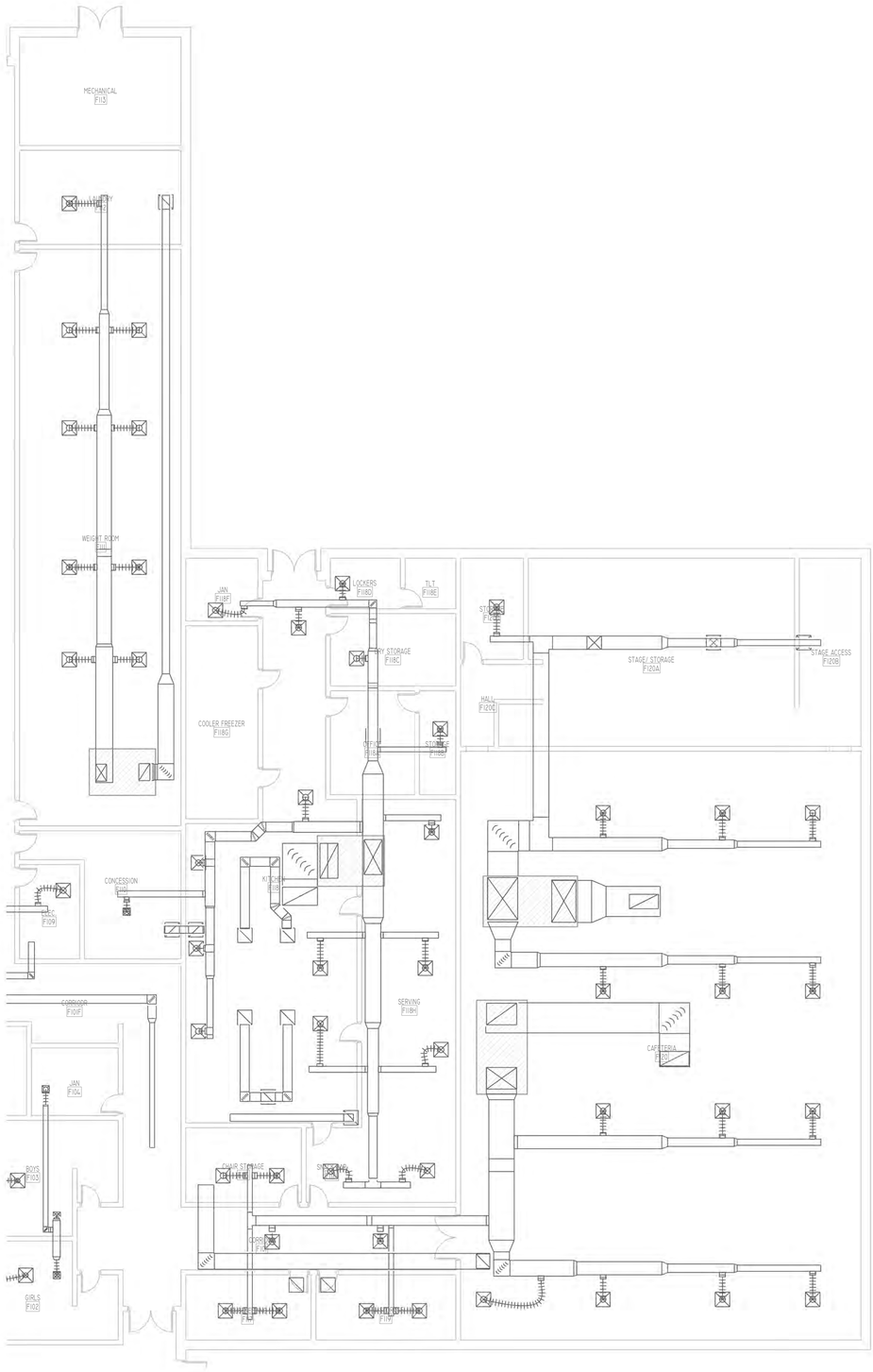
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MECHANICAL KEYED NOTES



1 M2.17 **MECHANICAL PLAN - BLDG F SOUTH**
1/8" = 1'-0"

100% DESIGN DEVELOPMENT

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MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - ALTON MEMORIAL JHS - INDOOR AIR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 05/02/2022

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL PLAN - BUILDING F - SOUTH

SHEET NUMBER: M2.17

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MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

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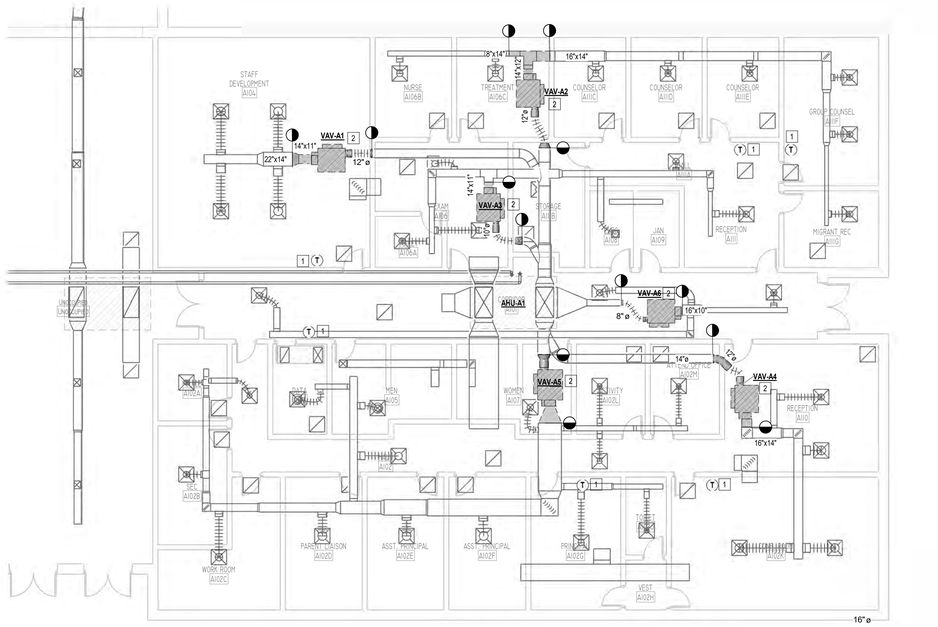
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MECHANICAL DEMO KEYED NOTES

1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

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3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 MD2.11 **DEMO MECHANICAL PLAN - SECTION A**
1/8" = 1'-0"

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TBPE Firm Registration No. 2234

DATE: 05/02/2022

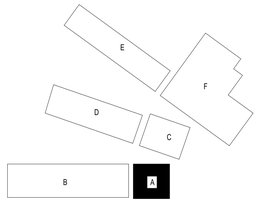
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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING A

SHEET NUMBER: MD2.11



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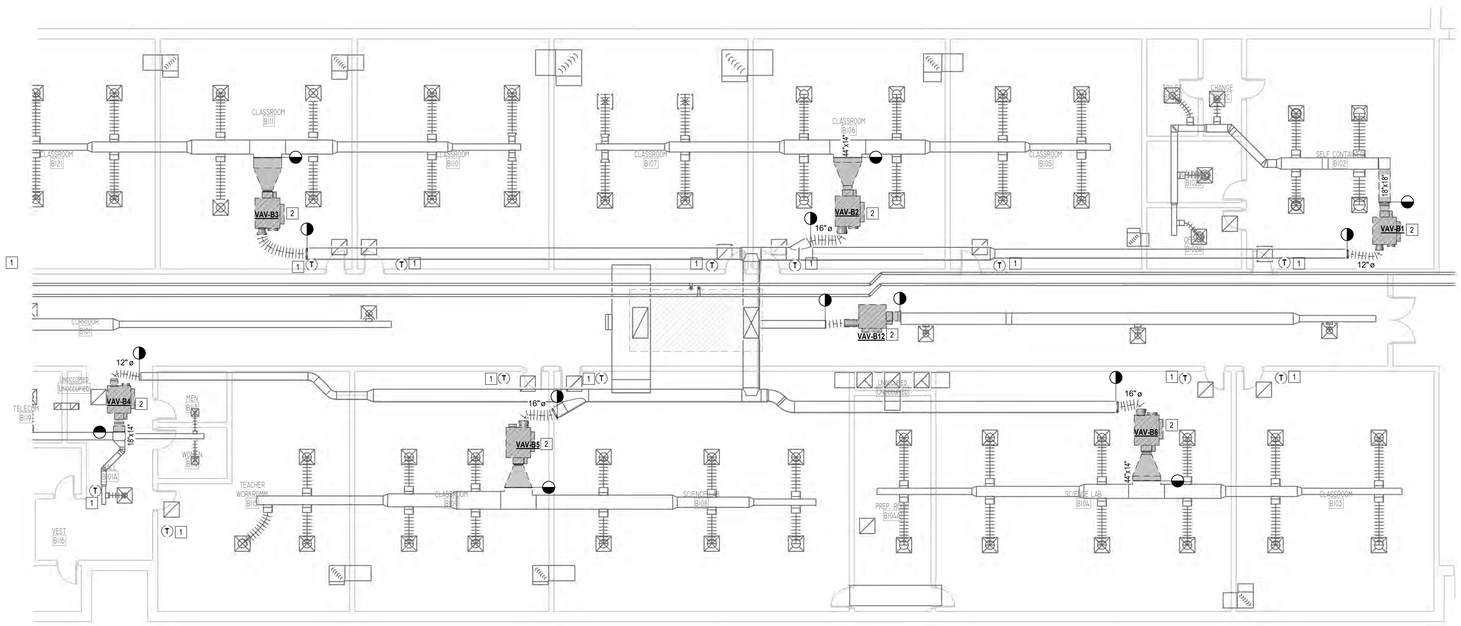
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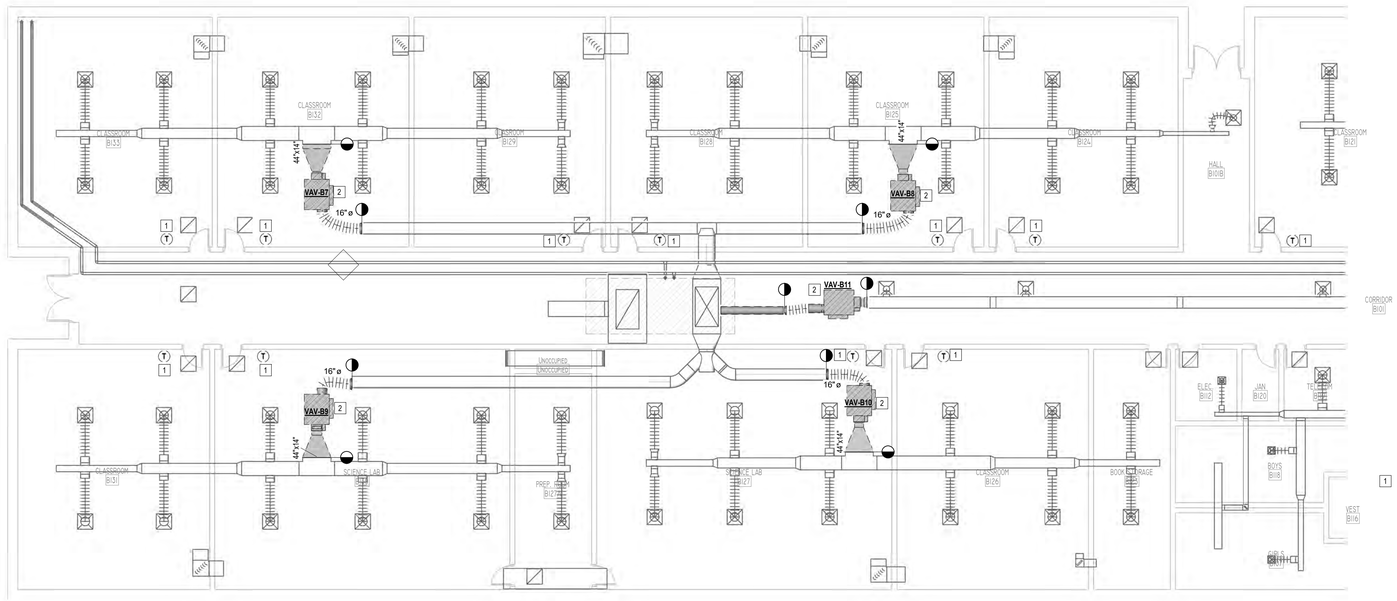
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1 MD2.12 **DEMO MECHANICAL PLAN -BLDG B NORTH**
1/8" = 1'-0"



2 MD2.12 **DEMO MECHANICAL PLAN - BLDG B SOUTH**
1/8" = 1'-0"

MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

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1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

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MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - ALTON MEMORIAL JHS - INDOOR AIR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 05/02/2022

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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING B

SHEET NUMBER: MD2.12

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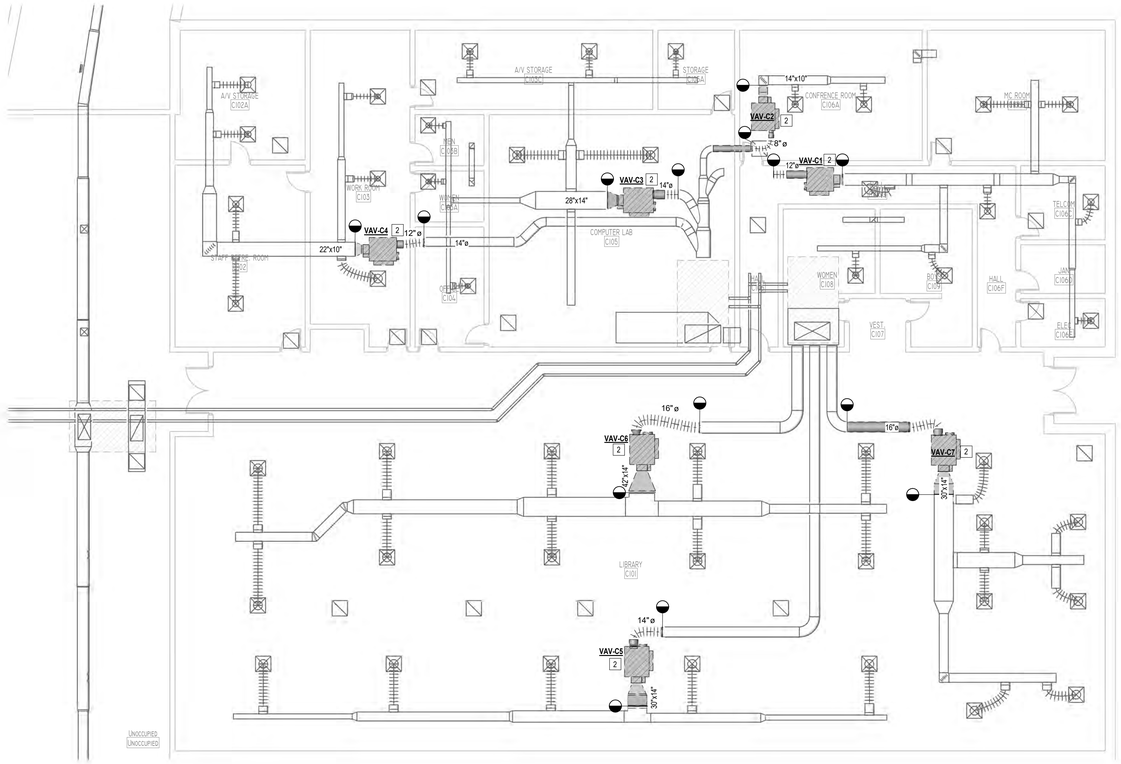
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3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 DEMO MECHANICAL PLAN - SECTION C
MD2.13 1/8" = 1'-0"

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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING C

SHEET NUMBER: MD2.13

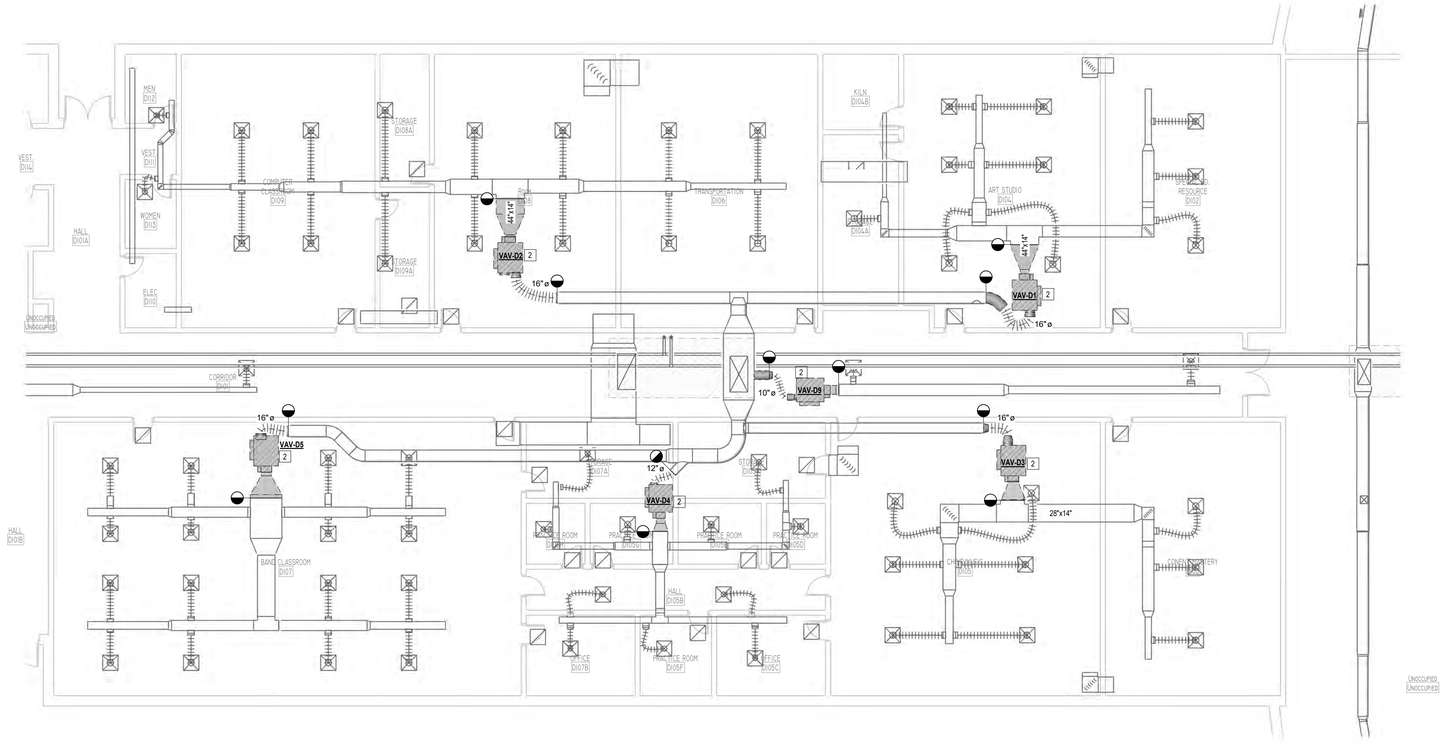
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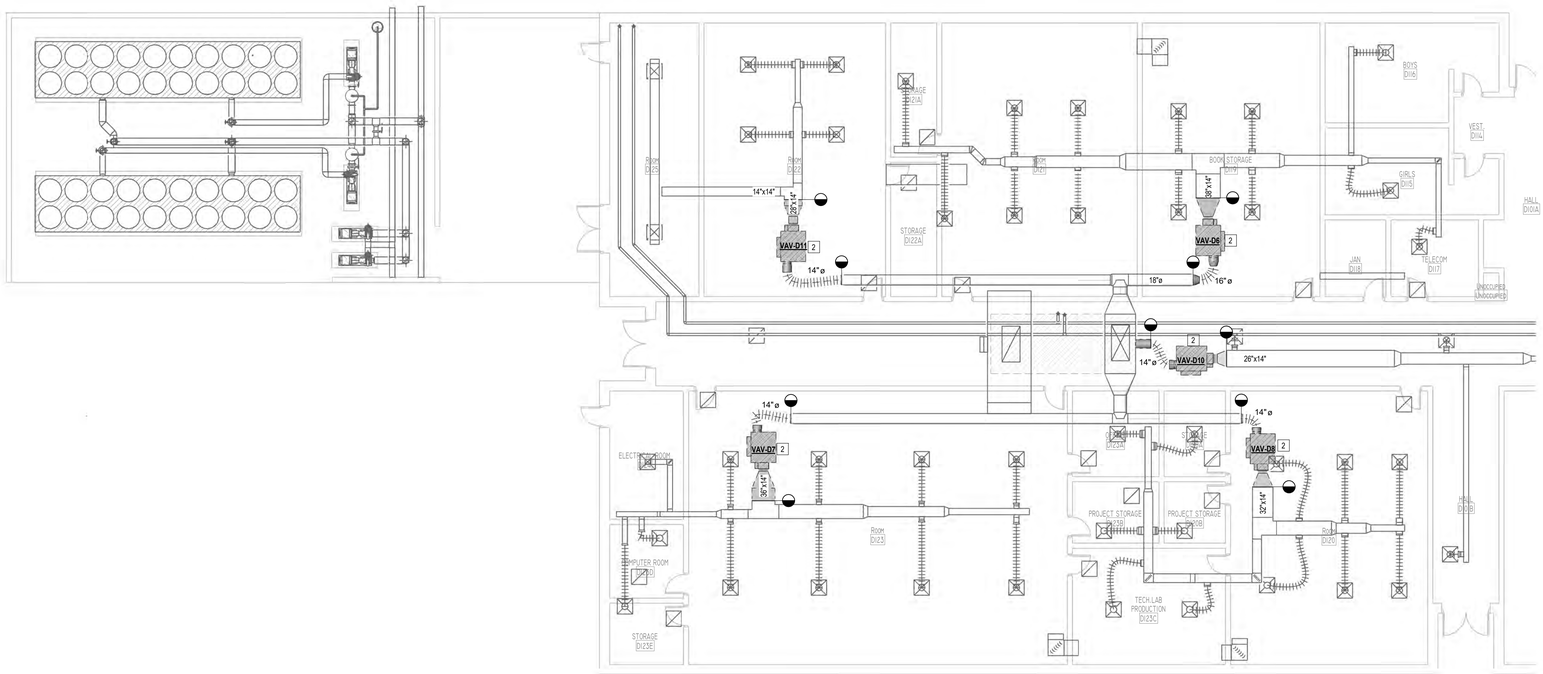
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1 MD2.14 **DEMO MECHANICAL PLAN -BLDG D NORTH**

1/8" = 1'-0"



2 MD2.14 **DEMO MECHANICAL PLAN - BLDG D SOUTH**

1/8" = 1'-0"

MECHANICAL GENERAL DEMO NOTES

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TBPE Firm Registration No. 2234

DATE: 05/02/2022

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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING D

SHEET NUMBER: MD2.14

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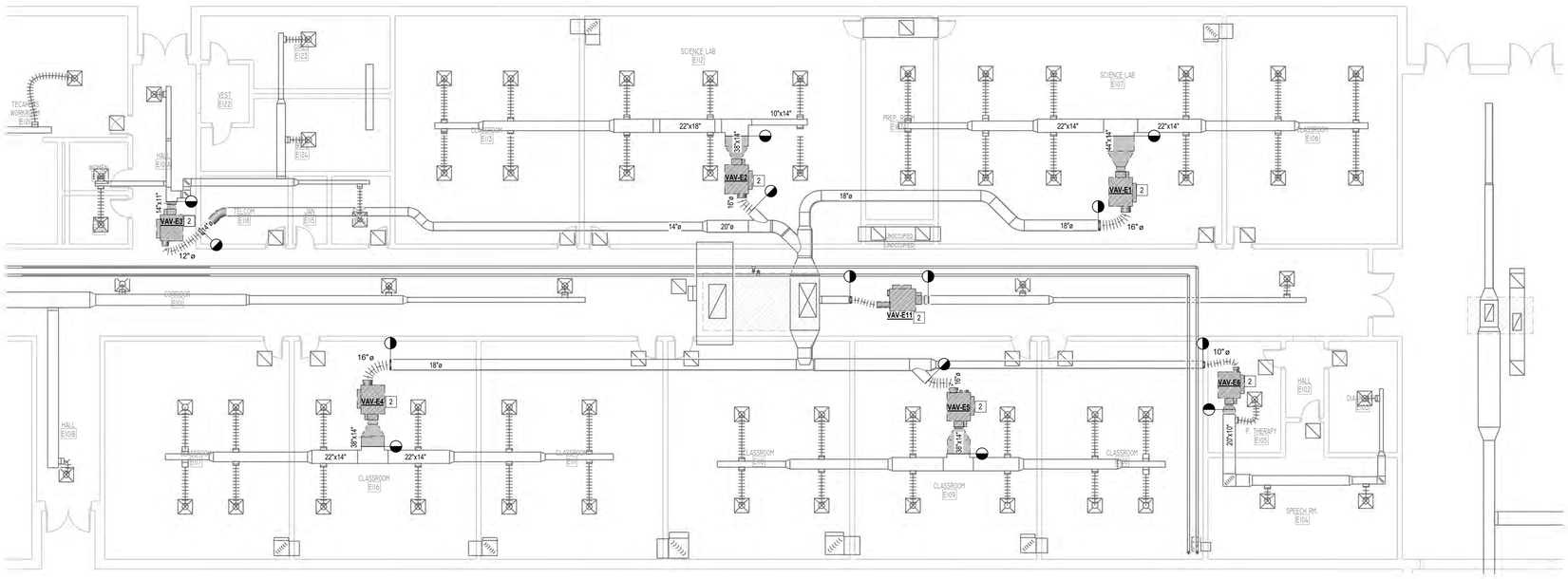
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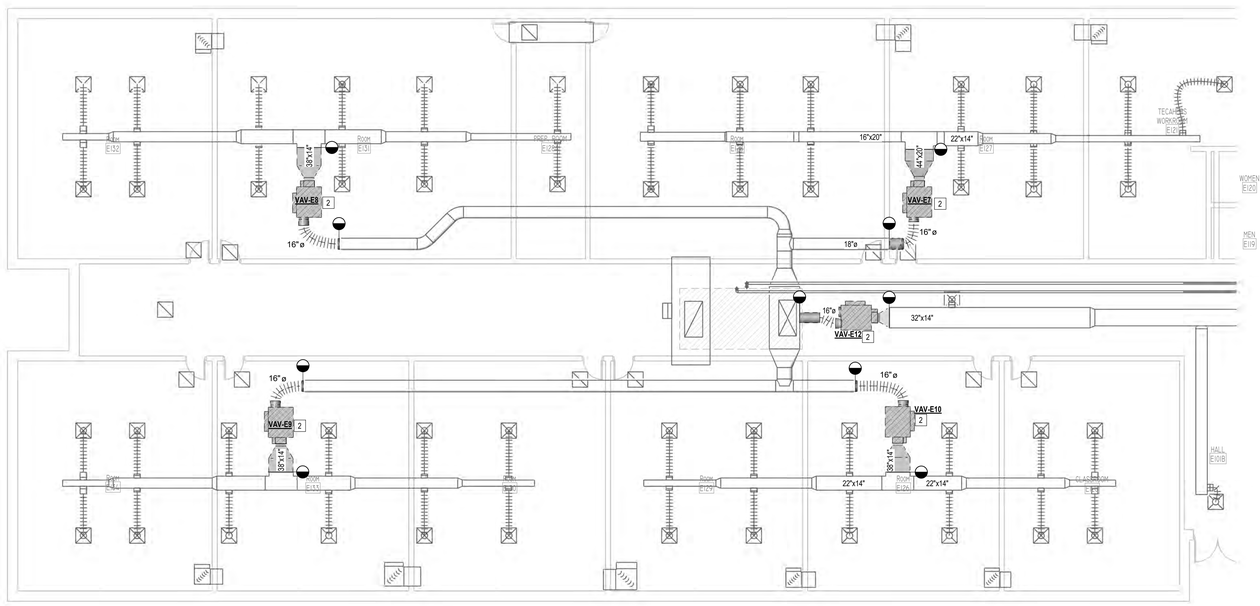
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1 MD2.15 **DEMO MECHANICAL PLAN - BLDG E NORTH**
1/8" = 1'-0"



2 MD2.15 **DEMO MECHANICAL PLAN - BLDG E SOUTH**
1/8" = 1'-0"

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TBPE Firm Registration No. 2234

DATE: 05/02/2022

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PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING E

SHEET NUMBER: MD2.15

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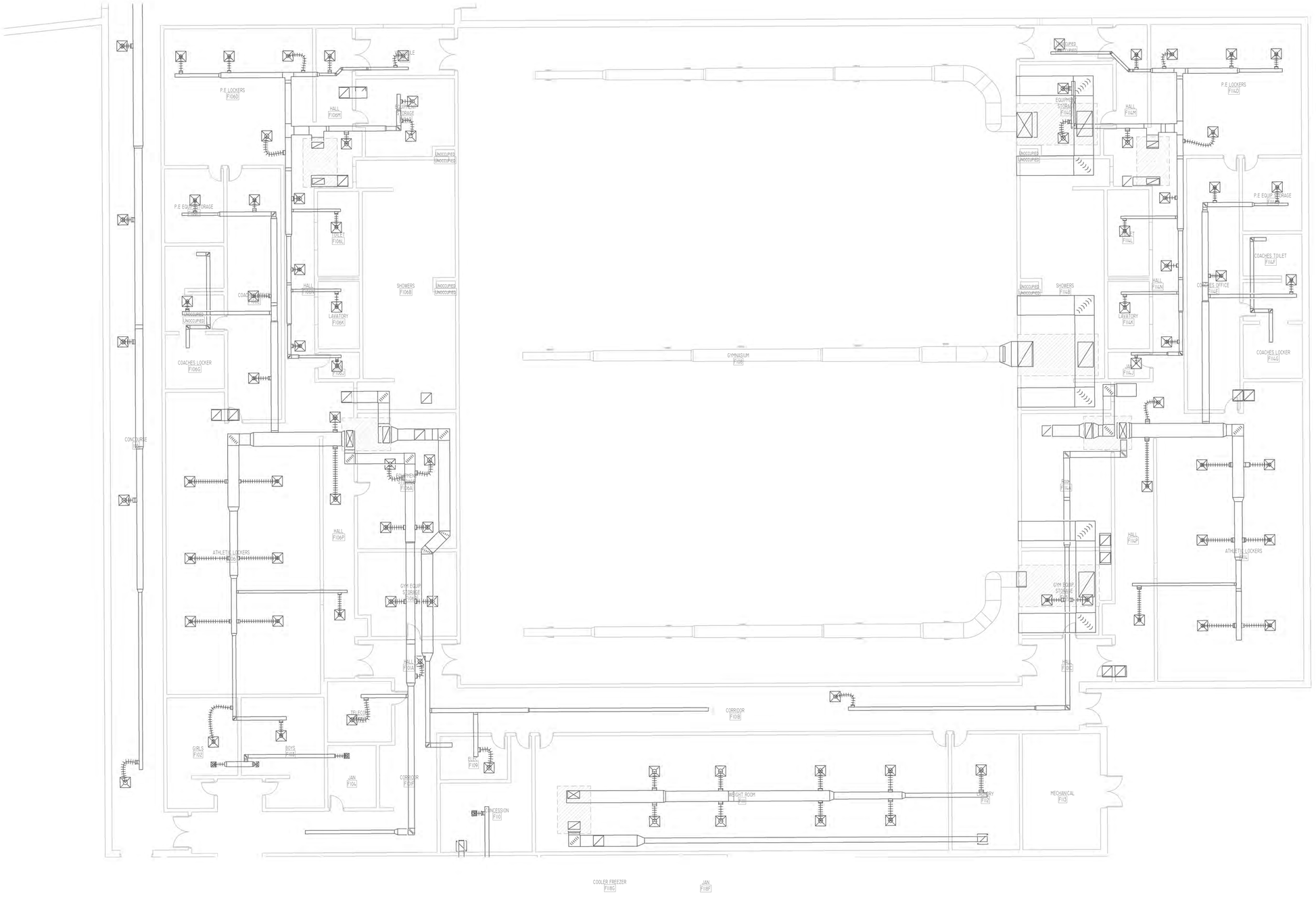
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MECHANICAL DEMO KEYED NOTES

1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

2 DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.

3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.



1 / MD2.16 **DEMO MECHANICAL PLAN -BLDG F NORTH**
1/8" = 1'-0"

100% DESIGN DEVELOPMENT

TN PN

DBR
SERVICE | QUALITY | INTEGRITY | SUSTAINABILITY
200 South 10th Street, Suite 901
McAllen, Texas 78501
956.683.1640 p 956.683.1903 f

REVISION:

No.	DATE	DESCRIPTION

SEAL:

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05/02/2022
HUGO H. AVILA, P.E.
TEXAS # 90071

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - ALTON MEMORIAL JHS - INDOOR AIR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 05/02/2022

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING F - NORTH

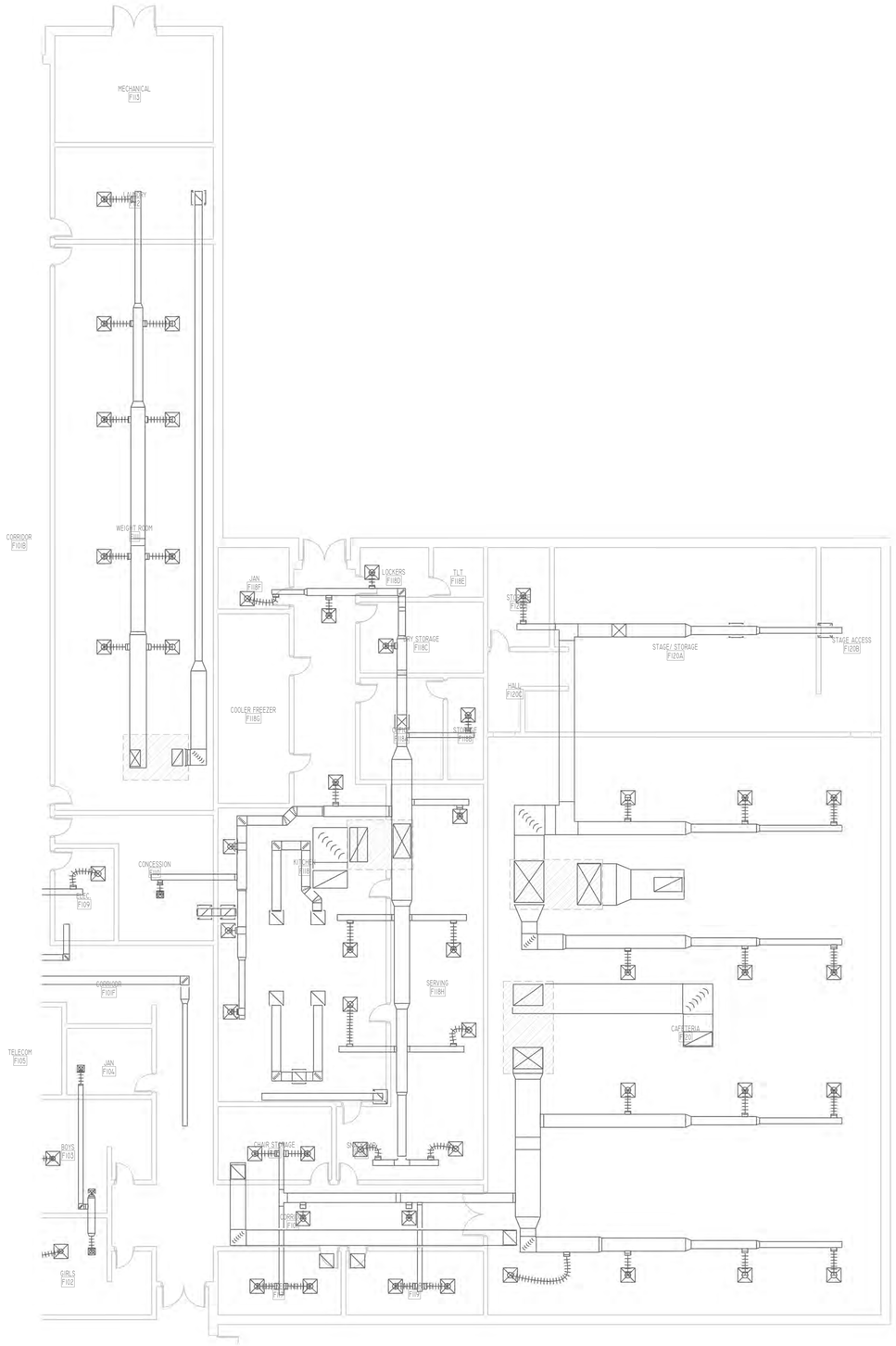
SHEET NUMBER: MD2.16

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200 South 10th Street Suite 901
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956.683.1640 p 956.683.1903 f
TBPE Firm Registration No. 2234

DBR Project Number 218033.015

HA | RT/MG | TB

2/7/2023 9:15:30 AM
Autodesk Docs://218033.015-MCISD-Alton Memorial JHS 043-IAC Improvements/218033.015 - ALTON - MEP22.rvt



1 MD2.17 **DEMO MECHANICAL PLAN - BLDG F SOUTH**

1/8" = 1'-0"

MECHANICAL GENERAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.

D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

1 DEMOLISH EXISTING THERMOSTAT AND CONDUCTORS. EXISTING J-BOX AND CONDUIT TO REMAIN FOR RE-USE.

2 DEMOLISH EXISTING SINGLE DUCT BOX IN ITS ENTIRETY. DEMOLISH ASSOCIATED EXISTING TEMPERATURE SENSOR. EXISTING ELECTRICAL DISCONNECT TO REMAIN FOR NEW SINGLE DUCT TERMINAL UNIT. DEMOLISH EXISTING DUCTWORK UP TO LOCATION INDICATED ON PLAN. ALL DOWNSTREAM SUPPLY DUCTWORK AND AIR DEVICES SHALL REMAIN. CONTRACTORSHALL FIELD VERIFY EXACT LOCATION OF TEMPERATURE SENSOR.

3 REFER TO ENLARGED MECHANICAL ROOM PLANS FOR MECHANICAL ROOM VIEWS CONTINUATION.

DBR
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45

REVISION:

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05/02/2022
HUGO H. AVILA, P.E.
TEXAS # 90071

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - ALTON MEMORIAL JHS - INDOOR AIR QUALITY IMPROVEMENTS

TBPE Firm Registration No. 2234

DATE: 05/02/2022

DRAWN BY: DBR

CHECKED BY: DBR

PROJECT NUMBER 218033.015

SHEET TITLE: MECHANICAL DEMO PLAN - BUILDING F - SOUTH

SHEET NUMBER: MD2.17

DBR
200 South 10th Street Suite 901
Mc Allen, Texas 78501
956.683.1640 p 956.683.1903 f
TBPE Firm Registration No. 2234

DBR Project Number 218033.015

HA | RT/MG | TB

100% DESIGN DEVELOPMENT

TN PN

2/7/2023 9:15:35 AM
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SUBJECT: Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 and Change Order #1 to Replace Gas Line and Gas Regulator for the Aquatic Center Boiler – DBR Engineering

PRESENTER: Rick Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

On April 29, 1986, the Mission CISD and the City of Mission entered into a 50-year lease agreement to share in the use and maintenance of the North Side Swimming Pool. This pool is located on the corner of Nicholson Avenue and West 15th Street and MCISD property on the southwest property corner of Mission High School.

On December 14, 1988, an amendment to the lease agreement under section 7 was prepared which stated that the City of Mission, as Lessee, shall pay for the following utilities furnished to the facilities for the term of this lease: water, electricity, and telephone service. MCISD, as Lessor, shall pay for and determine the usage for the following utilities for the term of this lease: gas.

On or about March 27, 1989, a revision to the lease agreement was prepared, "Joint Venture Agreement Swimming Pools". This revision included Governance, Scope of Joint Venture, Operating Personnel, Revenue, and Expenses.

On April 26, 2004, an amendment to the lease agreement was prepared which deleted section 10 of the original lease agreement. The new provision added stipulated that equipment for the operation of the pools purchased, alterations, repairs, and improvements under $2,000.00 shall be debited to the Swimming Pool Enterprise Fund and any expenses as such over $2,000.00 shall be divided evenly between the Lessor and Lessee, provided that the Mission City Commission and the MCISD Board of Trustees provide prior written approval.

On April 16, 2008, at the Regular Board of Trustees meeting, the Board approved an Interlocal Agreement between the City of Mission and MCISD for Swimming Facility Operations. The facilities subject to this agreement are the two swimming facilities located at 115 S. Mayberry Road and the North Side Swimming Pool. The purpose of this agreement is to provide for the joint operation of the Facilities, partly through the use of an existing Aquatics Fund. The parties have determined that this agreement will result in improved services being provided more economically and efficiently to their respective constituents. The parties agree to items such as the City's Duties, MCISD's Duties, Aquatics Fund, and Miscellaneous Responsibilities. This agreement supersedes, takes precedent over, and replaces any other joint venture or inter-local agreement between the parties related to the funding and operation of the Facilities.

For quite some time the pool has had numerous maintenance issues and the swimming lanes are not regulation distance lanes for our students to either practice or compete in. The pool has heating, drain, and filtration maintenance issues which will require major renovation construction repairs.

In March of 2014, MCISD and the City of Mission agreed to enter into a Memorandum of Understanding (MOU) to conduct a feasibility study on the present condition of the pool and on what is needed to correct these issues. Along with that, consideration is to be given to possibly enclosing the pool and making the needed adjustments to make this into a pool with the proper lanes and equipment for competition, such as the

addition of bulkheads, starting blocks, etc… The feasibility study expense will be shared in equal parts with the District and the City. However, the City will continue to retain all the fiduciary responsibilities as they currently do.

At the Regular Board of Trustees meeting of March 19, 2014, the Board approved the MOU, it addressed how and who will be responsible for the hiring of the firm to conduct the feasibility study. Currently, the City is drafting its own MOU and will combine it with ours and will present it at the next City Council meeting for their consideration and approval. The feasibility study will the first part of a three-phase process. The feasibility study is to be conducted by C.T. Brannon Corporation Aquatic Consultant at a fee of $12,850.00 of which both entities will share in the cost equally. MOUs will be required for all three phases of the study listed below.

Phase I – Feasibility Study
Phase II – Construction
Phase III – Maintenance

At the Facilities Committee Meeting held on Wednesday, June 04, 2014, the feasibility report completed by the C.T. Brannon Corporation, Aquatic Consultant, was presented by Administration. The report consisted of an executive summary, general information, design information, compliance with state standards, Americans with Disabilities Act, pool enclosure, recommended project summary, projected costs, operating costs, revenues, and a time for design and construction.

On or about December 10, 2014, my office received from the City of Mission the complete agreement that the City had received from C.T. Brannon, which is the same firm that conducted the feasibility study for the North Side Pool. Based on this document the City Council was drafting the inter-local agreement.

On December 17, 2014, I corresponded with Ms. Aida Lerma, City of Mission Deputy City Manager advising her that I had reviewed the agreement and exhibits and questioned why on Exhibit “B” under the section of “Specific Exclusions”, most notably items #2 and #6, why the entire complex was not being engineered and designed to comply with all ADA requirements and recommendations listed in C.T. Brannon’s feasibility report. I advised her that MCISD and our legal counsel would address this issue and that possibly we would not be able to use this facility if not in complete ADA compliance.

On Friday, December 19, 2014, Ms. Aida Lerma, Mr. Martin Garza, Mission City Manager and I met to discuss the currently proposed scope of work, the exhibits, ADA compliance issues, the feasibility report, and the MOU. Notes of the meeting are below:

- the City of Mission currently has approved funding for only those items listed in the report and wishes to begin the improvements as soon as possible
- the approximate budget for all fees and construction is $750,000.00 with MCISD to pay half
- the Professional Services fee for C.T. Brannon Corp. is $48,850.00
- the final professional services agreement between the owner and the engineer will need to state that if there is any litigation all potential hearings will be held in our county (Hidalgo County)

- We discussed exhibit "B" under Scope of Services the installation of a floating bulkhead necessitating the lengthening of the swimming pool. As discussed, the current pool is a 50-meter pool and under current UIL swim meet rules the swimmers compete in 25-yard racing, not 25 meters so extending the pool is not needed to split the pool into two 25-yard competition pools, however, the depth at one end will need to be adjusted
- under Specific Exclusions under items #2 and #6 it notes that **not** all ADA modifications are included and if so they would be additional services
- As discussed MCISD may require that ALL ADA modifications must be included in this project; the City of Mission only has the approved budget to work with and it may not include enough for all the ADA modifications. If all ADA compliance modifications are required by MCISD we would solely bear the expense of those
- a meeting with Mr. Brannon, the City of Mission, and MCISD will be needed to finalize the agreement and scope of work

On January 07, 2015, a local agreement drafted by our legal counsel was sent to Mr. Garza and Ms. Lerma. Ms. Lerma, in response, stated that at this time we just needed an agreement where the City and the District agree to share the expenses equally to engage the professional services of C.T. Brannon for the “blueprint” of the North Side pool and that this needs to be the next step before signing off on the MCISD sent inter-local agreement which addressed the estimated cost of construction for the pool. She also stated that we needed to engage C.T. Brannon for the design and scope of work which has a cost of $48,850.00 and that the agreement initially sent by the City was to establish this partnership.

On Wednesday, January 21, 2015, at the Regular Board of Trustees meeting, Administration recommended discussion and possible direction on entering into an inter-local agreement with the City of Mission to procure the professional services of C.T. Brannon for the design, engineering, and scope of work at the North Side Swimming Pool as per the MOU, Scope of Work and Exhibits initially submitted by the City.

As per the feasibility report of May 15, 2014, numerous ADA compliance issues are required to be addressed to meet current laws and standards which are **not** being addressed currently.

The currently proposed scope of work entails lengthening the 50-meter pool and installing a bulkhead to be able to make two (2) 25-meter pools to be able to have two 25-meter races run concurrently. This is **not** needed due to UIL swimming meet races swim 25-yard lanes and not 25-meter lanes, thus the current 50-meter pool can accommodate the bulkhead which splits the pool into the needed 25-yard UIL required competition lanes. (See an exhibit of the University of Texas pool) The depth at one end of the pool will need to be addressed to meet safety requirements and starting blocks will need to be installed to have two competition pool areas. The natatorium, and pool enclosure, are not being considered at this time due to cost.

After the Board of Trustees discussion, the Board directed Administration to continue working with the City of Mission and advise them that all ADA compliance issues will need to be addressed if we were to enter into an MOU for the renovation of the North Side swimming pool.

On Wednesday, February 11, 2015, at the Regular Board of Trustees meeting, the MOU agenda item was again presented along with the approval of the project/budget, procurement process, and the selection of an engineer. Due to not having an established project estimate and the scope of work still uncertain, these items were "pulled" from discussion and meetings were to continue.

On April 21, 2015, a newly revised feasibility report was presented by C.T. Brannon Corp. with recommended renovations and options, however, items concerning swim coach preferences still needed to be addressed, specifically, the bulkheads were in question.

On June 09, 2015, MCISD received the latest report from Brannon dated May 29, 2015, that included the majority of items requested including addressing all ADA modifications, building renovations, and coach's requirements, this is listed as an option "E". The type of bulkhead to be used is still in question with the swim coaches from both MHS and VMHS.

If we are to proceed with this project an MOU is required to supersede all other previous agreements and MCISD will now take back full ownership and responsibility for the Mission North Side Swimming Pool. This new agreement will require the MCISD Board of Trustees' discussion and consideration and similarly with the Mission City Commission. Points of interest to include and are not limited to:

- MCISD to be responsible for the process of procuring all necessary services for the project
- The City of Mission agrees to jointly share the costs in correcting all ADA compliance issues within a monetary limitation to be determined
- Consideration of reviewing and possibly dissolving the current lease agreement with the City of Mission concerning the North Side swimming pool complex with MCISD taking over full maintenance
- Consideration to be given should the City want to lease the pool complex during the summer months

Initially, the City of Mission was proposing a memorandum of understanding (MOU) for partial renovations to the North Side Swimming Pool and the hiring of C.T. Brannon Corp. as the aquatic engineer to design and oversee this project. The initial proposed budget by the City was for $750,000.00 and MCISD was to share in half this cost plus half the expense of Brannon's fee. This proposal did not include all required renovations for the pool to be in current ADA compliance thus discussions are continuing for the needed renovations. A preliminary cost estimate for possible descriptions of work at the pool has been done, these cost estimates were taken from Brannon's latest feasibility study and are subject to the scope of work additions, deletions, and modifications. Study cost estimates were used for the preliminary budget and may be subject to change depending on the final scope of work, final engineering and design, and contractor proposals should we proceed with the project. The preliminary cost estimate is approximately $1,288,932.00 which includes estimated construction costs, soft costs, engineering fees, and a contingency allowance.

Before soliciting bids or proposals for this project, Texas Education Code 44.031(a) requires the board of a school district, considering a construction project to take the following action.

1. The board must consider the method of delivery that provides the best value for this project. The administration recommends competitive sealed proposals as the method of delivery due to the nature of the project.

2. Selection criteria for the project must also be considered.
Attached is a copy of the recommended selection criteria used for previous District large-scale projects.

3. The Board must designate the selection committee to evaluate and rank the proposals.

(This was reviewed and approved by the Purchasing Department)

If the MOU is approved along with the project and estimated proposed budget, we will move forward to recommend consideration and approval of the procurement method.

If MCISD is to proceed with this project, The Board of Trustees must take the following action in accordance with Education Code 44.035.

Select or designate an engineer or architect to prepare construction documents for the project. The engineer or architect selected or designated will have full responsibility for complying with the Texas Engineering Practice Act (Article 3271a, Vernon's Texas Civil Statutes) or Chapter 478, Acts of the 45th Legislature, Regular Session, 1937 (Article 249a, Vernon's Texas Civil Statutes), as applicable.

If the engineer or architect is not a full-time employee of the District, the Board must select the engineer or architect based on demonstrated competence and qualifications as provided by Section 2254.004, Government Code.

The selected architect/engineer along with preparing construction documents will be required to provide MCISD with an estimated project budget.

At the Regular Board of Trustees Meeting held on Wednesday, September 09, 2015, the Board approved, a new MOU with the City of Mission to supersede all previous agreements. The Board also approved the project and estimated the proposed budget and the procurement method and moved forward to recommend consideration and approval of the aquatic engineering services of C.T. Brannon Corporation. The Estimated cost is $1,288,932.00 with the estimated City of Mission commitment would be $405,000.00 and MCISD commitment would be $883,932.00.

At the Regular Board of Trustees Meeting held on Wednesday, September 14, 2016, the Board approved the following, before the previous MOU was superseded this project was already in discussion and a preliminary schematic design phase with the City of Mission. Numerous meetings had already been held with City Officials, MCISD Administration, and Swim Coaches from both High Schools. With the new MOU MCISD became responsible for the project with the City contributing to the renovations. MCISD Administration, the Athletic Director and Swim Coaches have continued design meetings, thus, Consideration and Approval of the Final Design for the Northside Swimming Pool Project.

Note: Advertisements in the local newspapers and at the Association of General Contractors Office (AGC) were posted on September 18, 2016, and September 25, 2016, for the new design. A pre-proposal meeting was held on Tuesday, September 27, 2016, at 10:00 A.M. at Central Office. Proposals were to be publicly opened on Tuesday, October 04, 2016, at 4:00 P.M. at Central Office. No proposals were submitted.

Since there were no initial proposals submitted re-advertisements in the local newspapers and at the Association of General Contractors Office (AGC) were posted on October 16, 2016, and October 23, 2016, for the design. A pre-proposal meeting was held on Tuesday, October 25, 2016, at 11:00 A.M. at Central Office. Proposals were publicly opened on Tuesday, November 01, 2016, at 4:00 P.M. at Central Office. Only one proposal was submitted by H2O Construction Services Inc. from Harlingen, Texas. Pre-ranking of the proposal was conducted by Mr. Roosevelt Rios and Mr. Albert Rodriguez on November 01, 2016.

At the Facilities Committee meeting held on Wednesday, November 02, 2016, the Committee reviewed the firm's pre-ranking and the lone proposal.

H2O Const. Proposal Base Bid:	$1,855,200.00
Alternates (6):	$ 85,000.00
Total Proposal:	$1,940,200.00

Base Bid:	$1,855,200.00
Const. Budget:	$ 917,250.00
Over Budget:	$ 937,950.00

Base Bid w/Alts.:	$1,940,200.00
Const. Budget:	$ 917,250.00
Over Budget:	$1,022,950.00

At the Regular Board of Trustees meeting held on Wednesday, November 09, 2016, the Board rejected all proposals and re-directed the Administration to re-design and re-advertise the project to try to meet the approved budget.

Since there was a change of design submitted re-advertisements in the local newspapers and at the Association of General Contractors Office (AGC) were posted on April 16, 2017, and April 23, 2017, for the design. A pre-proposal meeting was held on Thursday, April 20, 2017, at 10:00 A.M. at Central Office. Proposals will be publicly opened on Tuesday, May 02, 2017, at 4:00 P.M. at Central Office. Pre-ranking of proposals was conducted by Mr. Roosevelt Rios, Mr. Adrian Hernandez, and Albert Rodriguez on May 02, 2017.

Pre-ranking of proposals by the Administration is merely a district process to pre-check if all requested documents and information in the Request for Proposals (RFP) were submitted before the Evaluation and Selection Committee's formal evaluation. The pre-ranking of proposals is strictly unofficial. The Request for Proposal (RFP) package includes document CSP – 00350 Evaluation and Selection Criteria for Competitive Sealed Proposals which defines this portion of the procurement process. The District Evaluation and Selection Committee is comprised of three (3) Board of Trustees Facilities Committee Members and one (1) appointed Administration Staff. The Evaluation and Selection Committee will evaluate, rank, and publish all proposals. The Evaluation and Selection criteria have been approved by the Mission C. I. S. D.'s Board. Once the M. C. I. S. D. Board of Trustees approves the ranking, the District Evaluation and Selection Committee will then proceed to negotiate a contract with the highest-ranking Proposer.

Note: Currently the MCISD swim team and the athletic department has an MOU with the City of Mission to utilize both the Mayberry and Bannworth Park swimming facilities and this will continue while the Northside Pool is out of commission.

Re-advertisement for proposals will be only for the work to be done on the pool itself and all other required pool equipment. All other construction work done on the dressing and shower rooms and other buildings will be completed by MCISD Maintenance department staff.

At the Special Facilities/Environment Committee meeting held on Wednesday, May 10, 2017, three proposals were submitted for this project and were ranked by the Facilities Committee as per MCISD guidelines and procedures.

At the Regular Board of Trustees meeting held on Wednesday, May 10, 2017, the Board considered the rankings and approved entering into negotiations with the top-ranked firms in the order selected. Base proposals with alternates listed are below:

Company	**Base Proposal**	**Days**	**Points**
Poolart:	$1,605,958.00	180	(275.70)
Alt. #1 Modify rim/increase depth:	$ 49,071.00		
Alt. #2 Dig lower/increase depth:	$ 39,092.00		
Alt. #3 Delete wall tile/plaster for epoxy:	$ 133,760.00		
Alt. #4 Delete bulkheads install wall:	($ 33,422.00) deduct		
Alt. #5 Install timing system:	$ 55,307.00		
Alt. #6 Place roof on equip. room:	$ 14,807.00		
TOTAL:	$1,864,573.00		
Paddock Southwest:	$1,747,960.00	180	(252.42)
Alt. #1 Modify rim/increase depth:	$ 14,700.00		
Alt. #2 Dig lower/increase depth:	$ 41,500.00		
Alt. #3 Delete wall tile/plaster for epoxy:	$ 225,000.00		
Alt. #4 Delete bulkheads install wall:	($ 177,500.00) deduct		
Alt. #5 Install timing system:	$ 35,000.00		
Alt. #6 Place roof on equip. room:	$ 13,720.00		
TOTAL:	$1,900,380.00		
Gold Medal Pools:	$2,471,864.94	180	(223.72)
Alt. #1 Modify rim/increase depth:	$ 76,500.00		
Alt. #2 Dig lower/increase depth:	$ 68,478.33		
Alt. #3 Delete wall tile/plaster for epoxy:	$ 365,662.66		
Alt. #4 Delete bulkheads install wall:	($ 74,616.67) deduct		
Alt. #5 Install timing system:	$ 47,438.56		
Alt. #6 Place roof on equip. room:	$ 44,971.67		
TOTAL:	$3,000,299.49		

Note: All alternates are additional requests from MCISD Coaches

Initial project negotiations were held on Tuesday, May 16, 2017, with Mr. Sean Roy, Pool Art, Mr. Albert Rodriguez, and Mr. Adrian Hernandez. Pool Art has submitted their Best and Final Offer (BAFO) for the base proposal along with alternates. At the Facilities Committee meeting held on Wednesday, June 7, 2017, this agenda item was presented and discussed along with Coach Ibarra, Athletic Director, and Mr. David Colunga, MHS Swim Coach who requested that only alternate #1 be accepted. A timing system would be purchased directly by the Athletic Department.

Company	Original Base Proposal	Days
Poolart:	$1,605,958.00	180 Days

Alt. #1 Modify rim/increase depth:	$ 49,071.00	
Alt. #2 Dig lower/increase depth:	$ 39,092.00	
Alt. #3 Delete wall tile/plaster for epoxy:	$ 133,760.00	
Alt. #4 Delete bulkheads install wall:	$ (33,422.00) deduct	
Alt. #5 Install timing system:	$ 55,307.00	
Alt. #6 Place roof on equip. room:	$ 14,807.00	
TOTAL:	$1,864,573.00	
Poolart BAFO:	$1,592,043.00	180 Days
Alt. #1 Modify rim/increase depth:	$ 49,071.00	
Alt. #2 Dig lower/increase depth:	$ 39,092.00	
Alt. #3 Delete wall tile/plaster for epoxy:	$ 126,961.00	
Alt. #4 Delete bulkheads install wall:	($ 33,422.00) deduct	
Alt. #5 Install timing system:	$ 44,206.00	
Alt. #6 Place roof on equip. room:	$ 14,807.00	
TOTAL:	$1,827,088.00	

Construction Cost: $1,641,114.00

At the Regular Board of Trustees meeting held on Wednesday, June 21, 2017, the Board approved the following, the best and final offer (BAFO) from Poolart for $1,641,114.00. Notice to Proceed (NTP) was issued on August 07, 2017, with a substantial completion date of February 02, 2018.

Poolart BAFO:	$1,592,043.00	180 Days
Alt. #1 Modify rim/increase depth:	$ 49,071.00	
Total Construction Cost:	$1,641,114.00	

At the Regular Board of Trustees meeting held on Wednesday, October 11, 2017, the Board approved the following, Consideration and Approval of CO #01 to “Credit” for the 25 Yard/Meter Lane Line for the North Side Swimming Pool Project.

Original Contracted	
25-yard lane line 9 @ $403.68:	$3,633.12
25-meter lane line 9 @ $419.92:	$3,779.28
Net change (Credit)	$ 146.16

At the Regular Board of Trustees meeting held on Wednesday, January 24, 2018, the Board approved the following items:

Consideration and Approval of Change Order #02 to Change Plumbing Support System at Equipment Room for the North Side Swimming Pool Project.

Contingency Balance:	$50,000.00
Change Order #02:	$ 1,686.68
Balance:	$48,313.32

Consideration and Approval of Change Order #03 for Nine (9) Additional Delay Days for the North Side Swimming Pool Project. The new substantial completion date of February 11, 2018.

Consideration and Approval of Change Order #04 for New Pool Deck Drain Removal for the North Side Swimming Pool Project

Contingency Balance:	$48,313.32
Change Order #04:	$ 4,459.53
Balance:	$43,853.79

Consideration and Approval of Change Order #05 to Install Jack Stands and Concrete Repair for the North Side Swimming Pool Project

Contingency Balance:	$43,853.79
Change Order #5:	$ 3,394.84
Balance:	$40,458.95

As per Poolart and C.T. Brannon Corp., the North Side Swimming Pool Project was completed by the substantial completion date of Sunday, February 11, 2018. The project was substantially complete as per the contractual timeline and no liquated damages are pending for substantial. The completion date is set for March 13, 2018.

At the Regular Board of Trustees Meeting held on March 21, 2018, the Board approved Consideration and Approval of Substantial/Final Completion, Less Betterment Fund Allowance, and Final Payment, Less Liquidated Damages for the North Side Swimming Pool Project. The project is anticipated to reach "final" completion by the due date and no liquidated damages will be pending. The allowance to "Credit" back is:

Credit for signage allowance:	$ 5,000.00
Credit for remaining Owner's Contingency:	$40,458.95
Total Credit back:	$45,458.95

Preliminary Total Construction Cost Estimate: Incl. soft costs

C.T. Brannon Aquatics Engineering Fee: $65,000.00

Estimated Construction Cost:	$917,250.00
Estimated Soft Costs:	$371,682.00
Estimated Total Costs:	$1,288,932.00
Est. City of Mission Commitment:	$405,000.00
Est. MCISD Commitment:	$883,932.00 .

This past year the boiler began experiencing mechanical issues and it became difficult to maintain appropriate water temperatures. The boiler at the pool was assessed by our on-call engineer and determined to be able to continue providing sufficient heating of water at the pool. The installation of a 2nd boiler will assist in supplementing the original boiler to keep appropriate water temperatures. MCISD utilized the on-call MEP services with DBR Engineering for this project design and oversight.

At the Regular Board of Trustees meeting, held on May 11, 2022, the Board approved the project and proposed budget for the Mission Aquatic Center Boiler – DBR Engineering.

The Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees meeting held on June 08, 2022, the Board approved the Schematic/Final Design for the Mission Aquatic Center Boiler Project – DBR Engineering.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:
Administrations Rankings and Enter Into Negotiations in the Order of Ranking for the Mission Aquatic Center Boiler Project – DBR Engineering

Advertisements in the local newspapers were posted on July 15, 2022, and July 22, 2022. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence, and qualifications. The proposal opening was July 27, 2022. The Administration Ranking Team reviewed the proposals and ranked them on July 28, 2022.

At the Regular Board of Trustees Meeting held on Wednesday, August 10, 2022, the Board approved of Rankings and Enter Into Negotiations in the Order of Ranking for the Mission Aquatic Center boiler Project – Texas Chillers Systems.

Firms	Proposal	Ranking Pts.	Days
SLR Building Contractors	$159,000.00	76	90
Texas Chillers Systems	$128,523.00	91	140

A virtual project negotiations meeting was held on August 16, 2022, with Mr. Adan Rivera, Ms. Lorena Garcia, Mr. Adrian Hernandez from MCISD, and Mr. Noe Salinas from Texas Chillers Systems. During the negotiations, Texas Chillers Systems presented as their Best and Final Offer (BAFO) $128,523.00 with no decrease in their initial proposal with 140 days of construction time from the notice to proceed (NTP)

The Board of Trustees has the option to accept this BAFO, the initial base proposal, to decline the offer and direct Administration to enter into negotiations with the next contractor or to reject all offers and re-advertise the project using the same specifications and design or direct the engineer to re-design the project.

If approved, Administration will work with our legal counsel to write and execute the contract so that the contractor can begin as soon as possible.

At the Regular Board of Trustees meeting held on September 21, 2022, the Board approved Texas Chillers Systems Best and Final Offer (BAFO) of $128,523.00 with 140 days of construction time. Notice to Proceed (NTP) was October 17, 2022, with a substantial completion date of March 6, 2023.

ADMINISTRATIVE CONSIDERATIONS

DBR Engineering and Texas Chillers Systems observed the poor condition of the gas line and gas regulator, thus, they present Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 and Change Order #1 to Replace Gas Line and

Gas Regulator for the Aquatic Center Boiler. This will cause a delay and they are requesting thirty (30) additional days. If approved the new Substantial Completion will be April 04, 2023. Mr. Hugo Avila – DBR MEP Engineering and Mr. Raymond Moses from Texas Chillers presented.

Contingency Allowance:	$9,000.00
AEA #1	**$9,000.00**
Contingency Balance:	$0.00

Change Order #1	$5,728.00 + 30 days

The total amount for this request is $14,728.00. We are using the available contingency allowance and then submitting a change order #1 for the remaining balance.

FUNDING SOURCE AND AMOUNT

General Funds
Preliminary Total Construction Cost Estimate: Incl. soft costs

DBR Engineering Fee:	$7,540.00
Estimated Construction Cost:	$90,000.00
Estimated Soft Costs:	$4,000.00
Estimated Contingency 10%:	$9,000.00
Estimated Total Costs:	$110,540.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration presents Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 and Change Order #1 for the Aquatic Center Boiler – DBR Engineering

EXHIBIT

Allowance Expenditure Authorization (AEA) #1 and Change Order #1

CONTACT PERSONS

Rick Rivera, Assistant Superintendent for Operations
Martin Castaneda, Director of Maintenance
Adrian Hernandez, Coordinator for Project & Energy Management
Adan Rivera, Assist. Coordinator for Maintenance

SERVICE | QUALITY | INTEGRITY | SUSTAINABILITY

Allowance Expenditure Authorization

DATE

02-22-2023

TO

Raymond Moses, Texas Chiller Systems, LLC

FROM

Hugo H. Avila, PE

AUTHORIZATION NO.:

001

PROJECT 228008.000| Mission CISD - Mission HS Aquatic Center - Boiler Addition

You are authorized to perform the following item(s) of work and to adjust the allowance sum accordingly, as indicated below. This is not a change order and does not increase or decrease the contract amount

Description of Work:
Upon partial inspection of the underground piping, Texas Gas Service has recommended that the underground gas line be replaced. The work includes abandoning the existing gas line and extending a new above ground gas line from the gas regulator to the new and existing boiler. The cost for the work exceeds the project contingency. The project contingency, $9000, will be fully used and the balance is being requested via a change order.

Original Allowance Sum	$9,000.00
Allowance Expenditures Prior to this Authorization	$0.00
Allowance Balance Prior to this Authorization	$9,000.00
Allowance Sum will be (decreased) by this Authorization	$9,000.00
New Allowance Balance	$0.00

Hugo H. Avila, PE — 02/22/23

DBR Engineering Consultants, Inc. — Date

Raymond Moses — 2-22-23

Contractor — Date

Owner or Agent — Date

AIA® Document G701® – 2017

Change Order

PROJECT: *(Name and address)*	CONTRACT INFORMATION:	CHANGE ORDER INFORMATION:
Mission CISD - Mission HS Aquatic Center - Boiler Addition	Contract For: General Construction Date: October 17, 2022	Change Order Number: 001 Date: 02-23-2023
OWNER: *(Name and address)*	**ARCHITECT:** *(Name and address)*	**CONTRACTOR:** *(Name and address)*
Mission Consolidated Independent School District 1201 Bryce Drive Mission, Texas 78572	DBR Engineering, Inc. 200 S 10th St. McAllen, Texas 78501	Texas Chiller System, LLC 5405 Agnes Corpus Christi, Texas 78405

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Upon partial inspection of the underground piping, Texas Gas Service has recommended that the underground gas line be replaced. The work includes abandoning the existing gas line and extending a new above ground gas line from the gas regulator to the new and existing boiler. The cost for the work exceeds the project contingency. The project contingency, $9000, will be fully used and the balance is being requested in this change order.

The original Contract Sum was	$	128,523.00
The net change by previously authorized Change Orders	$	0.00
The Contract Sum prior to this Change Order was	$	128,523.00
The Contract Sum will be increased by this Change Order in the amount of	$	5,728.00
The new Contract Sum including this Change Order will be	$	134,251.00

The Contract Time will be increased by Thirty (30) days.
The new date of Substantial Completion will be 4/05/2023

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

DBR Engineering Consultants	Texas Chiller System, LLC	Mission Consolidated Independent School District
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Hugo H. Avila **PRINTED NAME AND TITLE**	Raymond Moses **PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
02-23-2023 **DATE**	2-22-23 **DATE**	**DATE**

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User Notes: (3B9ADA40)

February 7, 2023 TCS23-407-RM

Mission High School Aquatic Center Boiler Addition
1500 N Nicholson Ave
Mission, TX 78572

Attn: Adan Rivera

Scope: CP1 -Change Order 1 - Replace rusted Gas Line serving existing Pool Boiler.

- Lock out Tag out Electrical.
- Shut main Isolation Valve at main gas line.
- Boiler system shut down for 5 working days
- Replace gas line from the existing regulator 2-inch main line to new gas line connection for the Boiler.
- Remove existing regulator.
- Install two pipe station pipe supports.
- Test line for leaks
- City of mission gas line test per code
- Additional 30 days required to accomplish substantial completion,

Excludes: Overtime and Holidays, DDC Controls, MCC Panel Modifications, Breakers, additional labor if isolation valves do not hold pressure, Engineering of any kind, Painting, Concrete work, Fire Alarm systems, Water Treatment, TAB.

The price for the above work is **$14,728.00** not including taxes.
Proposal is only valid for 30 days.

Please Note:

- If you have any questions, please give me a call.
- All salvaged items become the property of TCS.
- Replacements are based on customer information.
- Includes permits.

Noe Salinas
Noe.Salinas@texaschillersystems.com
Cell 956-764-0354
RGV Account Manager
Mechanical & Automation Service
TACL A20480 C
TXMAS #: TXMAS -18-03FAC04
GSA Schedule #: GS-21F-086AA
TIPS #: 220605

TEXAS CHILLER SYSTEMS

TEXAS CHILLER SYSTEMS' AGREEMENT WITH
TERMS AND CONDITIONS

By accepting Texas Chiller Systems' proposal, the undersigned Purchaser agrees to be bound by the following terms and conditions:

SCOPE OF WORK. The scope of work in this Agreement is based upon the use of straight time labor only. Plastering, patching and painting are excluded. "In-line" duct and piping devices, including, but not limited to, valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by Texas Chiller Systems, shall be distributed and installed by others under Texas Chiller System's supervision, but at no additional cost to Texas Chiller Systems. Purchaser agrees to provide Texas Chiller Systems with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. Texas Chiller Systems agrees to keep the site clean of debris arising out of its own operation. Purchaser shall not back charge Texas Chiller Systems for any costs or expenses without Texas Chiller Systems written consent. Any alteration, changes, or deviation from the proposal which involve extra costs, will be performed only upon written orders, and will become an extra charge over and above the proposal estimate.

PAYMENT TERMS. Payment of invoices are due in Texas Chiller Systems' office within thirty (30) days of the issuance of an invoice to Purchaser for the work performed. Invoices not timely paid under these terms shall be considered past due, and are immediately subject to interest accruing at the rate of 1.5% per month.

MATERIALS. If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of Texas Chiller Systems, then in the case of such a temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, Texas Chiller Systems shall (a) be excused form furnishing said materials or equipment and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute therefore.

HAZARDS MATERIALS. Unless specifically noted in the proposal statement of the scope of work or service undertaken by Texas Chiller Systems under this agreement, Texas Chiller System's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean-up, control, removal, or disposal of environment hazards or dangerous substances, to include but not limited to asbestos or PCB's, discovered in or on the premises. Any language or provision of the agreement elsewhere contained which may authorize or empower the Purchaser to change, modify, or alter the scope of work or services to be performed by Texas Chiller Systems shall not operate to compel Texas Chiller Systems to perform any work relating to or working around hazardous materials without Texas Chiller Systems express written consent.

WARRANTY. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard industry practices. For new manufactured equipment: Texas Chiller Systems warrants that new manufactured equipment shall be free from defects in material and workmanship arising from normal usage for a period of one (1)

year from date of delivery of said equipment, or if installed by Texas Chiller Systems, for a period of one (1) year from date of installation. "Manufactured equipment" is defined as a motor driven unit with serial number, model number and identification tag. Individual parts, coils or pieces of manufactured equipment provided by Texas Chiller Systems do not fall under this one (1) year warranty period. Further, this warranty does not extend to any manufactured equipment which has been repaired by others, abused, altered or misused, or which has not been properly and reasonably maintained. Any repair work not covered by the one (1) year warranty defined above will have a thirty (30) day warranty for labor, but all parts or materials associated with these repairs will carry the manufacturer's warranty only. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. If Purchaser fails to pay all invoices in full, it is agreed that there shall be no warranty provided.

TAXES. The price of this proposal does not include duties, sales, use, excise, or other similar taxes, unless required by federal, state, or local law. Purchaser shall pay, in addition to the stated price, all taxes not legally required to be paid by Texas Chiller Systems or, alternatively, shall provide Texas Chiller Systems with acceptable taxes exemption certificates. Texas Chiller Systems shall provide Purchaser with any tax payment certificate upon request and after completion and acceptance of the work.

LIABILITY. Texas Chiller Systems shall not be liable for any special, indirect or consequential damages arising in any manner from the equipment or material furnished or the work performed pursuant to this Agreement.

DELAYS. Texas Chiller Systems shall not be liable for any delay in the performance of the work resulting from or attributed to acts of circumstances beyond Texas Chiller System's reasonable control, including, but not limited to, acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner, or other Contractors or delay caused by suppliers or subcontractors of Texas Chiller Systems, etc.

FORCE MAJEURE. Texas Chiller Systems shall not be considered to be in default or breach of this Agreement, and shall be excused from performance or liability for damages to the extent Texas Chiller System is prevented from performing any of the provisions of this Agreement which arise out of or in consequence of any act of God, labor disturbance, sabotage, failure of suppliers of materials, act of the public enemy, war, invasion, insurrection, riot, fire, storm, flood, ice, earthquake, explosion, epidemic, pandemic, accident to machinery or equipment or any other cause or causes beyond Texas Chiller Systems' reasonable control.

COMPLIANCE WITH LAWS. Texas Chiller Systems shall comply with all applicable federal, state and local laws and regulations and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits of a permanent nature shall be procured and paid for by the Purchaser.

VENUE. All invoices are due and payable in Texas Chiller Systems' office located at 1219 Safari St, San Antonio, Texas 78216. In the event legal action is commenced to enforce the terms of this agreement or payment obligations, venue for such legal action shall be in Bexar County, Texas, and the undersigned agrees to pay whatever sum the court determines to be

reasonable attorney's fees, plus all expert witness fees, expenses and costs incurred.

INSURANCE. Insurance coverage in excess of Texas Chiller Systems' standard limits will be furnished when requested and required. No credit will be given or premium paid by Texas Chiller Systems for insurance afforded by others. Owner to carry fire, tornado and other necessary insurance. Texas Chiller Systems' workers are fully covered by Workmen's Compensation Insurance.

Note: Texas Chiller Systems may withdraw this proposal if not accepted as set forth below within thirty (30) days from the date of the proposal.

Acceptance of Proposal – In order to accept Texas Chiller Systems' proposal, an authorized signature of Purchaser is required as set forth below. Upon Texas Chiller Systems' receipt of a fully executed copy of this Agreement, Texas Chiller Systems is authorized to perform the work as specified in the proposal. Payment will be made to Texas Chiller Systems as outlined above.

Date of Acceptance: _____, 20 _____

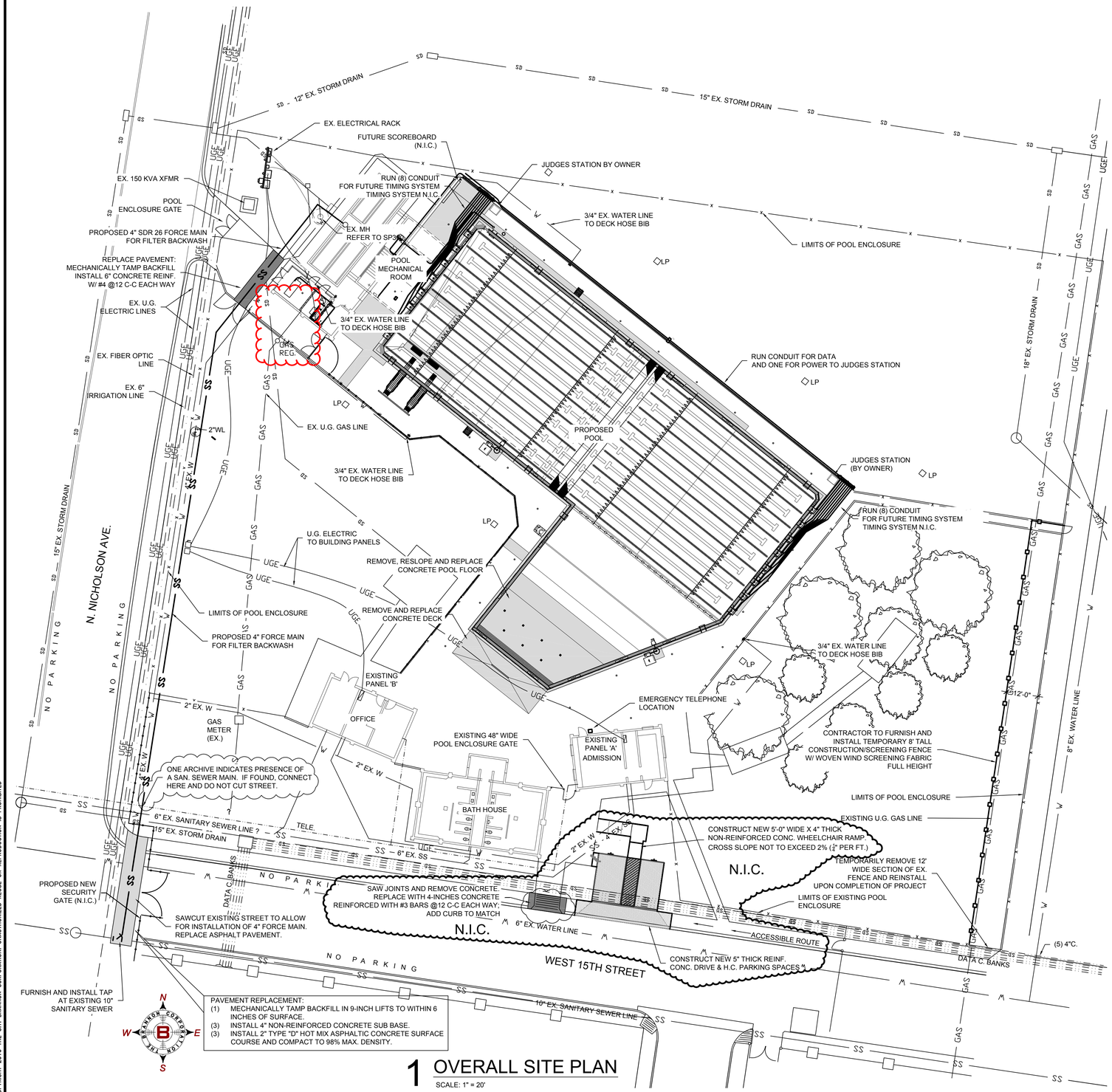
Purchase Order Number: _____

Full Name of Company: _____ ("Purchaser")

By: _____

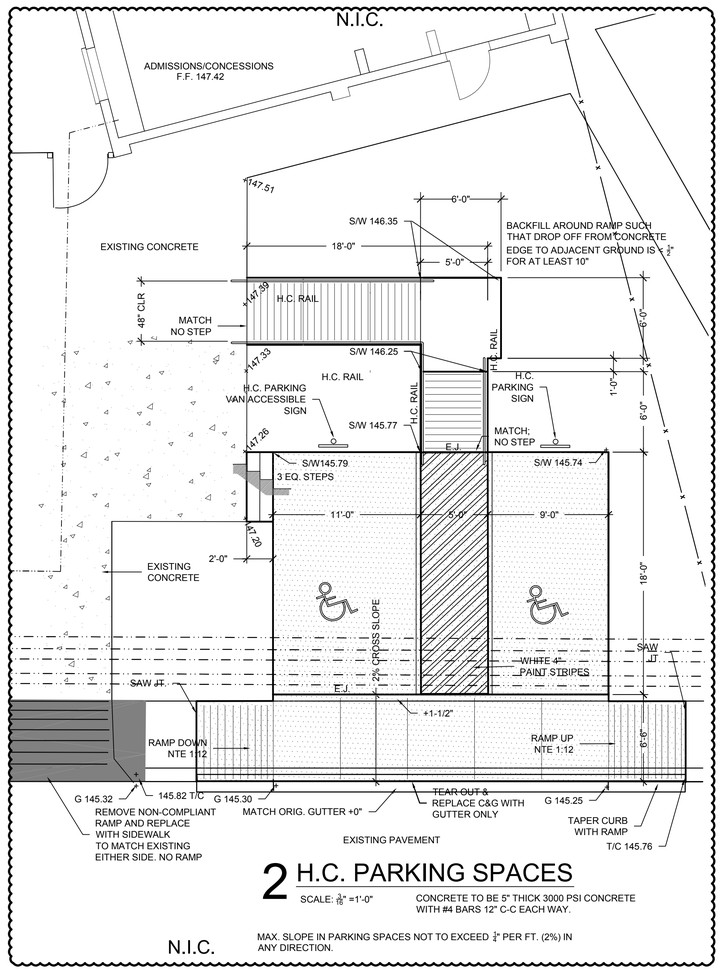
Print signer's name: _____

Title of signer: _____



1 OVERALL SITE PLAN

SCALE: 1" = 20'



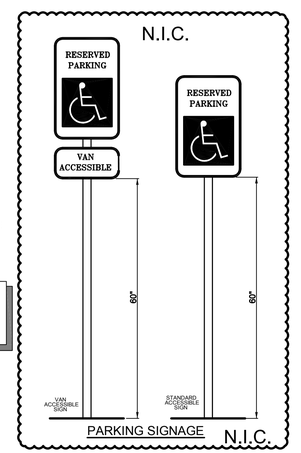
2 H.C. PARKING SPACES

SCALE: ¾" =1'-0"

CONCRETE TO BE 5" THICK 3000 PSI CONCRETE WITH #4 BARS 12" C-C EACH WAY.

N.I.C.

MAX. SLOPE IN PARKING SPACES NOT TO EXCEED ¼" PER FT. (2%) IN ANY DIRECTION.



PARKING SIGNAGE N.I.C.

THE LOCATIONS OF UTILITIES AND UNDERGROUND SERVICE LINES WITHIN THE PROPERTY ARE BASED ON ARCHIVAL RECORDS AND NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE PLAN LOCATIONS. EXCAVATE WITH CAUTION. SECURE THE SERVICES OF UNDERGROUND LOCATORS TO MARK LINES.

REPAIR DAMAGE TO UTILITIES AND IRRIGATION LINES.

CALL 811 IN TEXAS OR REGISTER THE SITE AT LEAST 3 DAYS BEFORE EXCAVATING WITHIN PUBLIC RIGHTS OF WAY OR EASEMENTS SO THAT UTILITY COMPANIES MAY MARK THEIR FACILITIES IN ACCORDANCE WITH STATE LAW. DO NOT EXCAVATE WITHOUT COORDINATING WITH THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO UNDERGROUND FACILITIES!

CONTRACTOR STAGING, STORAGE, AND PARKING LIMITED TO INSIDE THE POOL ENCLOSURE FENCE WITH ACCESS ONLY OFF OF N. NICHOLSON AVE. NO STREET PARKING IS PERMITTED AT ANY TIME!

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DESIGNED BY: CTB/PNC

ISSUE DATE: MARCH 20, 2017

STATE OF TEXAS
CALVIN T. BRANNON
40450
REGISTERED PROFESSIONAL ENGINEER
03.21.17

THE C.T. BRANNON CORP.
WWW.BRANNONCORP.COM
(903) 597-2122
TX WWP FIRM REG. # 2-42

63

BRANNON CORP
AQUATIC CONSULTANTS

1321 EDWARDS STREET
SULPHUR SPRINGS, TX 75482

NORTHSIDE POOL RENOVATION
MISSION CISD
1500 N. NICHOLSON AVE.
MISSION, TEXAS 78572
OVERALL SITE PLAN

NO.	DATE	REMARKS
1	03/20/17	REBID

REVISIONS

ISSUED FOR:
RELEASE FOR CONSTRUCTION

PROJECT NO. 16068

SHEET NO. SP102

SP102 OVERALL SITE PLAN.dwg

SUBJECT: Consideration and Approval of the Presentation and Ranking of the Playground Equipment at (11) Elementary Campuses Project

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD is proposing to purchase and install school playground equipment for district-wide elementary campuses with the exception of Midkiff, Escobar-Rios, and Cavazos elementary schools. These three campuses have the most recent installations and continue to be in good condition. The remaining eleven elementary campuses have equipment that is no longer usable due to weather deterioration or needs replacement due to age. New playground equipment is a necessary activity for young students and is used for teaching and learning activities.

Due to laws and requirements that regulate such equipment and the cost, this project is being considered a construction project, and as such the Texas Education Code 44.031 (a) requires the board of a school district considering a construction project to comply with bidding requirements.

At the Regular Board of Trustees meeting held on August 11, 2021, the Board approved the project, procurement as competitive sealed proposals (CSP's), and proposed budget. The Board requested approval to advertise for Request for Qualification (RFQ) for Professional Design Services for the Playground Equipment for Elementary Campuses.

The ranking of Request for Qualifications responses must be on the basis of demonstrated competence, qualifications, capability to perform, the past performance of the firm and members of the firm, and other appropriate factors submitted by the firm in response to the request for qualifications, except that cost-related or price-related evaluation factors are not permitted as provided by Section 2254.004, Government Code.

Advertisements in the local newspapers were posted on August 12, 2021, and August 19, 2021. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence, and qualifications. After the review Administration will then recommend those firms to be reviewed and ranked in order of selection. The recommendations will then be presented for review and possible approval to the Board of Trustees and if approved Administration will then enter into negotiations in the order of selection. Administrative review and rankings were conducted on Tuesday, August 31, 2021, by Ms. Daisy Cuevas – Purchasing Specialist, Ms. Dora Garcia – Purchasing Coordinator, Mr. Adrian Hernandez – Project & Energy Coordinator, Ms. Lorena Garcia – Deputy Superintendent for Support Services, and Mr. Ricardo Rivera – Assistant Superintendent for Operations.

At the Regular Board of Trustees meeting held on September 08, 2021, the Board approved Ricardo Hinojosa Structural Engineering for the Playground equipment at (11) elementary schools.

At the Regular Board of Trustees meeting held on October 20, 2021, the Board approved and entered into contract for professional design services with Ricardo Hinojosa Structural Engineer in the amount of $71,750.00 – Fixed Fee.

On utilizing the Interlocal Agreement procurement method Administration believes that a fiscal opportunity in the districts best interest is better served for this project.

The professional services contract was for complete design and construction management, however, should MCISD use the Buy Board method firms may have complete designs included. Professional services will be needed to review and approve the designs, conduct civil engineering to ensure playground units are in a non-flood area, and manage the projects, thus, needing to amend the current design contract with Rick Hinojosa Structural Engineering.

At the Regular Board of Trustees meeting held on November 09, 2022, the Board approved changing the Procurement Method to an Interlocal Agreement from Competitive Seal Proposal (CSP's) and Amend the Professional Services Contract for the Playground Equipment for Elementary Campuses Project.

ADMINISTRATIVE CONSIDERATIONS

Administration advertised on Buy Board on Friday, February 17, 2023. Proposals were due Thursday, March 02, 2023 at 2:00 p.m., however, in order to allow possible firms additional time to work on their proposals and possible presentations the submission date was extended to Monday, March 06, 2023 at 2:00 p.m..

Administration will be presenting Consideration and Approval of the Presentations and Ranking of the Playground Equipment at (11) Elementary Campuses Project.

FUNDING SOURCE

Local Fund

Est. Project Budget:	$600,000.00
Project Contingency 20%:	$120,000.00
Est. Professional Services 12%:	$ 72,000.00
Est. Total Project Cost:	$792,000.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration is presenting Consideration and Approval of the Presentation and Ranking of the Playground Equipment at (11) Elementary Campuses Project.

Note: As of submission of this executive summary we do not have the proposals since they are due Monday, March 06, 2023

EXHIBIT:

N/A

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations

Anabel Garza, Coordinator for Purchasing
Adrian Hernandez, Coordinator for Project & Energy Management

SUBJECT: Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Replacing Kitchen Fixtures for the Culinary Arts Laboratory at MHS – PBK Architects

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The CTE program and Mission High School are establishing a culinary arts lab at MHS similar to one currently at VMHS. Due to the size of the project, the fire code requirements for fire suppression systems due to cooking equipment, millwork, and electrical and plumbing requirements design/engineering professional services will be required.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees meeting held on August 11, 2021, the Board approved the project, proposed the budget, and utilized the on-call professional services for the Culinary Arts Laboratory at Mission High School Project – PBK Architects. PBK Architects estimated project cost is $250,000.00.

At the Regular Board of Trustees meeting held on February 09, 2022, the Board approved Schematic Design for the Culinary Arts Laboratory at Mission High School Project.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:
Communicating the design intent through further refinement of the written and graphic representation of all building materials, components, and equipment that can be quantified and useful to contractors.

At the Regular Board meeting held on April 13, 2022, the Board approved the Final Design for the Culinary Arts Laboratory at Mission High School Project. Designs were reviewed and approved by staff.

Advertisements in the local newspapers were posted on May 11, 2022, and May 23, 2022. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence, and qualifications. The proposal opening was on June 9, 2022, and we received two (2) proposals. The Administration Ranking Team reviewed and ranked on June 21, 2022.

At the Regular Board of Trustees meeting held on Wednesday, August 10, 2022, the Board approved the Consideration and Approval of Rankings and Enter Into Negotiations in the Order of Ranking for the Culinary Arts for Mission High School – Caston Construction.

Firm	**Proposal**	**Ranking Pts.**
Caston Construction	$284,617.50	94.5
G&G Contractors	$482,550.00	79.6

A virtual project negotiations meeting was held on August 18, 2022, with Mr. Adan Rivera, Mr. Adrian Hernandez from MCISD, and Mr. Robert Castaneda Jr. from Caston Construction. During the negotiations, Caston Construction presented as their Best and Final Offer (BAFO) $305,238.53 an increase of their original proposal of $284,617.50 an increase of $20,621.03 with 178 days of construction time from the notice to proceed (NTP).

At the Regular Board meeting held on September 07, 2022, the Board approved Caston Construction Best and Final Offer (BAFO) of $305,238.53 with 178 days of construction time. Notice to proceed (NTP) December 19, 2022, with substantial completion June 15, 2023.

ADMINISTRATIVE CONSIDERATIONS

During the design phase, MCISD CTE and PBK Architects did not include new fixtures in their designs and were to utilize existing kitchen sink fixtures for the Culinary Arts renovation project for Mission High School. During Caston Construction's observation of sinks and fixtures, they are in dire need of replacements thus, they present Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Replacing Kitchen Fixtures for the Culinary Arts Laboratory at Mission High School.

PBK Architects was unable to attend to present this allowance expenditure due to another commitment, however, they along with a representative from Caston Construction are scheduled to present at the Board meeting. Mr. Sergio Pena, CTE Director was present at the Board Work Shop and did answer questions on this AEA..

Contingency Balance:	$25,000.00
AEA#1 Kitchen Fixtures:	**$ 7,245.00**
Contingency Balance:	$17,755.00

FUNDING SOURCE

Local Fund

Est. Project Budget:	$250,000.00
Project Contingency 20%:	$ 50,000.00
Est. Professional Services 12%:	$ 30,000.00
Est. Total Project Cost:	$330,000.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration is presenting Consideration and Approval of Allowance Expenditure Authorization (AEA) #1 for Replacing Kitchen Fixtures for the Culinary Arts Laboratory at MHS – PBK Architects

EXHIBIT:

Allowance Expenditure Authorization (AEA) #1

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

Allowance Expenditure Authorization

Project: Culinary Arts at Mission High School
MCISD

AEA No.: 01

PBK Project No.: P21332600AR

Date: 02/09/2023

To: CASTCON Construction Co., LLC
1821 N. Glasscock Rd.
Mission, TX 78572

Attention: Mr. Robert Castaneda, Jr.

You are authorized to perform the following item(s) of work and to adjust the allowance sum accordingly, as indicated below. This is not a change order and does not increase nor decrease the contract amount.

Description of Work:

01 CPR 01 – Costs associated with materials and labor to replace five (5) existing sinks, faucets, valves, p-traps, and hoses as per the response to RFI No. 01. See attached cost and cutsheet for labor and materials by contractor. PBK has determined that the proposed item(s) is of equal or greater quality than the existing and will add value to the project. $7,245.00

Total:..... $7,245.00

Original Contract Allowance Sum	$25,000.00
Allowance Expenditures Prior to this Authorization	$0.00
Allowance Balance Prior to this Authorization	$25,000.00
Allowance Sum will be **decreased** by this Authorization	$7,245.00
New Expenditure Allowance balance remaining	$17,755.00

2/09/2023

PBK Architects, Inc. — Date

2/9/2023

(Contractor) — Date

(School District) — Date

cc: File 5D

6316 N. 10th Street, Building A, Suite 1 \\ McAllen, Texas 78504 \\ P 956-687-1330 \\ F 956-687-1330 \\ PBK.com

Construction Co., L.L.C.
COMMERCIAL/INDUSTRIAL

Change Proposal No. 01

From: Bobby Castaneda
Castcon Construction Co., L.L.C.
1821 N. Glasscock Rd. Suite L.
Mission, Texas 78572
(956) 432-3315

To: PBK Architects, Inc.
6316 N. 10th St., Bldg A Suite 1

Date 01/09/23

Project: Mission CISD – Culinary Arts

Description:

We propose to provide materials and labor to replace 5 existing sinks, faucets, valves, p-traps and hoses as per the response to RFI No. 01. Sinks and faucets to match new sink.

Labor =	$2,320.00
Materials =	$4,925.00
Total =	**$7,245.00**

Submitted By: _____
Bobby Castaneda

Approved By: _____

RAVIV™ 33" x 22" STAINLESS STEEL KITCHEN SINK KIT

18 GAUGE STAINLESS STEEL

RAVIV™ 33" x 22" STAINLESS STEEL KITCHEN SINK KIT

❑ **18DB000132C2.075** 50/50 Double Bowl Sink Kit includes:
- Double bowl sink
- Waste fittings
- Coordinating pull-down faucet with color matched soap dispenser
- Installation instructions and cutout template
- Top mount installation hardware
- Grid(s)



❑ **Stainless Steel Sink**
- 50/50 Double Bowl
- 18 Gauge Stainless Steel
- 18-10 Chrome Nickel content
- Dual mount installation hardware
- 36" (914mm) cabinet required
- Limited Lifetime Warranty

Nominal Dimensions:
33" x 22" x 9"
(838 x 559 x 229mm)

Bowl Size (equal size bowls):
14-9/16" (370mm) wide
19-7/16" (493mm) front to back
9" (229mm) deep

❑ **Pull-Down Faucet**
- 1.8 gpm
- Stainless Steel swivel spout
- Ceramic disc valve cartridge for drip free performance
- Spray, stream and pause features
- 38-inch supply lines with 3/8" compression inlets
- Lead Free: Faucet contains ≤ 0.25% lead content by weighted average
- Limited Lifetime Warranty

❑ **Strainer**
- Standard 3-1/2" (89mm) diameter
- Limited Lifetime Warranty

SEE REVERSE FOR ROUGHING-IN DIMENSIONS AND PRODUCT SPECIFICATIONS

Suggested Specifications:
- ❑ Color: Stainless Steel .075
- ❑ Faucet Finish: Stainless Steel .075
- ❑ Waste Fitting Finish: Stainless Steel .075
- ❑ Supplies: 3/8" (9mm) Compression Inlets

Compliance Certifications - Meets or Exceeds the Following Specifications:

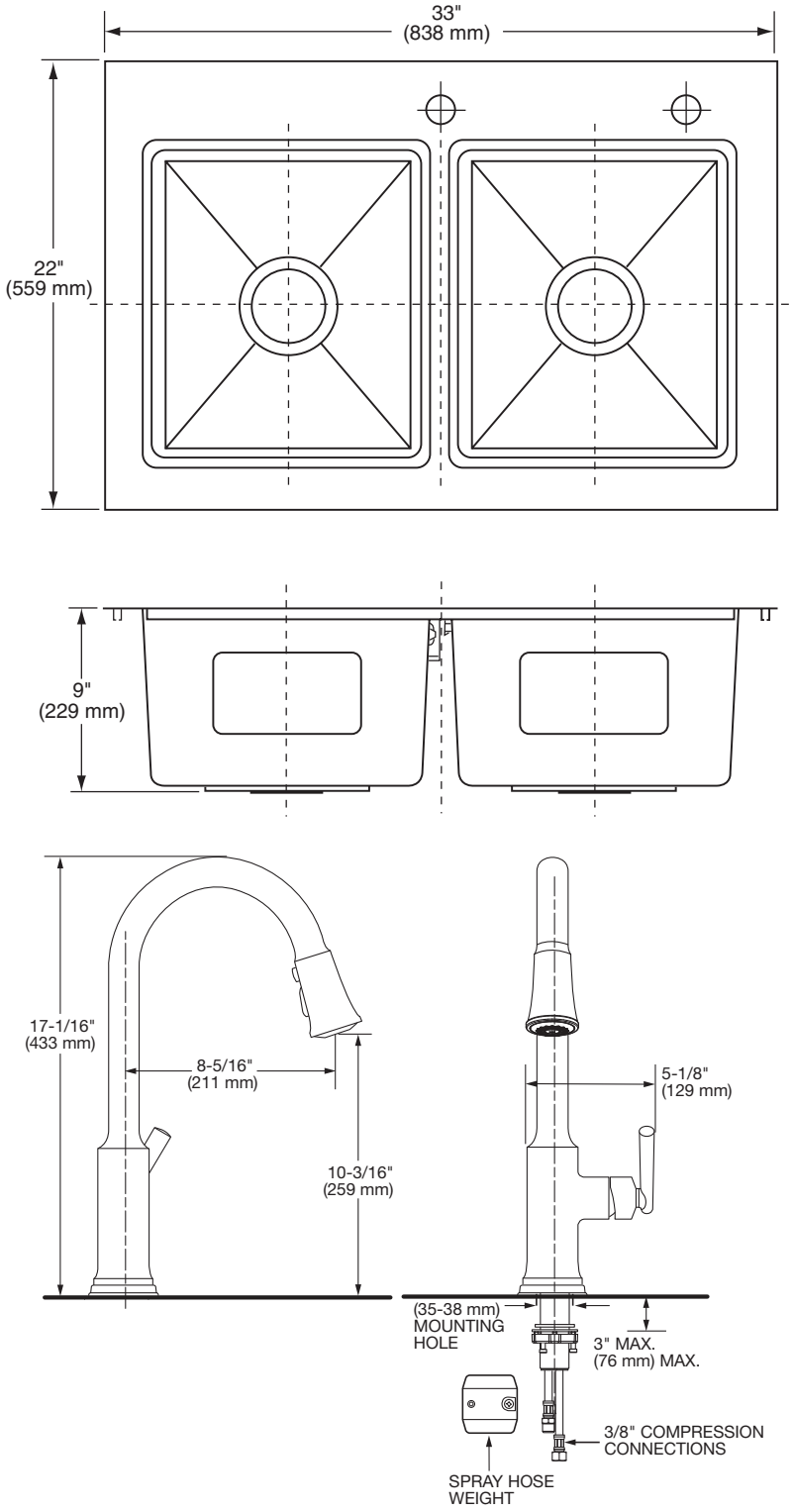
- **SINK:**
  ASME A112.19.3
  CSA B45.4

- **FAUCET:**
  ASME A112.18.1
  CSA B125.1
  NSF 61/Section 9
  NSF 372
  ANSI A117.1

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RAVIV™ 33" x 22" STAINLESS STEEL KITCHEN SINK KIT

18 GAUGE STAINLESS STEEL



NOTES:
WE RECOMMEND USING BASIN AS A TEMPLATE TO DETERMINE PROPER CONTOUR. CUT COUNTERTOP 38MM (1-1/2") INSIDE BASIN CONTOUR.
* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIED AND “P" TRAP ARE SUGGESTED.
SEALING COMPOUND SUPPLIED BY OTHERS.

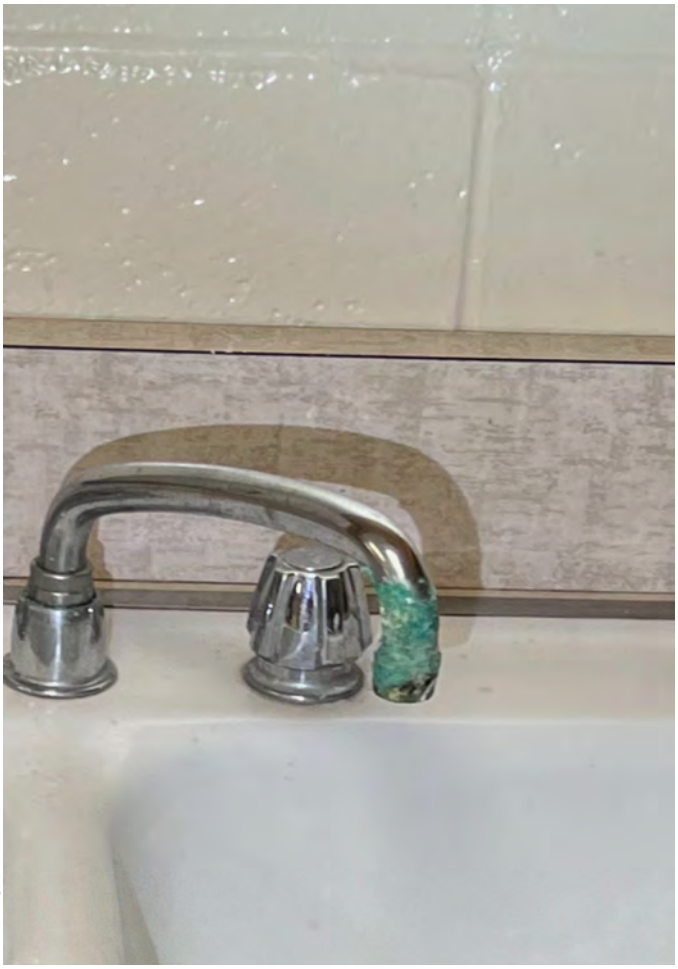
IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.3. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

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SUBJECT: Consideration and Approval of the Construction Documents for the Remaining Security Vestibules Project – PBK Architects

PRESENTER: Ricardo Rivera
Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD Administration and Risk Management have been working cooperatively with law enforcement agencies to explore additional safety and security measures to ensure students and staff are safe and secure at all times. One security measure is to try to ensure that our campus front doors are equipped with the necessary security systems to limit or prohibit the entrance of intruders who may want to cause criminal intent. All our campuses have door security access systems and in addition, some campuses have entrance vestibules as an additional safety measure. Several elementary campuses are currently limited by these systems.

At the Regular Board of Trustees meeting held on Wednesday, November 13, 2019, the Board approved the following:

Administration requests to explore a project at campuses for the installation of door security and monitoring systems along with assessing the construction of a vestibule similar to ones constructed at MHS, RCJH, and Escobar/Rios (our most recently constructed or renovated campuses). All campuses are equipped with front door security cameras and call buttons where the front office staff needs to activate locking mechanisms to allow person entrance into the campus. However, not all campuses have a vestibule where visitors are checked and verified before being able to have access to the entire campus. The construction of vestibules will serve as an additional safety measure against possible intruders. Since many of our campus entrances are constructed differently there are varying options on how a vestibule may or may not be built. Some campuses may be as simple as constructing a glass barrier as a separation similar to what is installed at Escobar/Rios Elementary school. Other campuses may need to have a vestibule constructed at the entrance similar to what was just completed at VMHS. Other campuses may need more of a design due to not being able to utilize the other two options. The Construction and Maintenance departments will be responsible for the construction of these vestibules, however, due to the total costs and the need to ensure that we are meeting all building and ADA compliance codes and requirements we are requesting Consideration and Approval to Advertise for Request for Qualifications (RFQ) for the Selection of Architect/Consultant for Elementary Campus Security Vestibules Project.

The Board of Trustees must take the necessary action in accordance with Texas Education Code 44.035 which consists of the selection/designation of an architect/consultant and/or engineer to prepare construction documents for this project. The engineer and/or architect/consultant selected or designated will have full responsibility for complying with the Texas Engineering Practice Act (Article 3271a, Vernon's Texas Civil Statues) or Chapter 478, Acts of the 45th Legislature, Regular Session, 1937 (Article 249a, Vernon's Texas Civil Statues) as applicable.

The selected architect/consultant/engineer along with preparing construction documents will be required to provide MCISD with an estimated project budget if required by Administration.

If the engineer or architect/consultant is not a full-time employee of the District, the Board must select the engineer or architect/consultant on the basis of demonstrated competence and qualifications as provided by Section 2254.004, Government Code.

On Wednesday, February 12, 2020, the Board selected EGV Architects, Inc. as the district's professional services firm to act as the district's representative for the duration of the project.

At the Regular Board of Trustees meeting held on Wednesday, June 24, 2020, the Board approved the following:

Consideration and Approval of Project and Proposed Budget for the Districtwide Security Vestibules Project.

Consideration and Approval as Design Build as Procurement Method for the Districtwide Security Vestibules Project.

There are twelve (12) district campuses that will require vestibules, however, seven (7) can be constructed using storefront framing. Each of these campuses is a different design and configuration and will be contracted out to vendors.

Before soliciting bids or proposals for this project, Texas Education Code 44.031(a) requires the board of a school district, considering a construction project to take the following action. 1. The board must consider the method of delivery that provides the best value for this project. Administration recommends competitive sealed proposals as the method of delivery due to the nature of the project. 2. Selection criteria for the project must also be considered. Attached is a copy of the recommended selection criteria used for previous District large-scale projects. 3. The Board must designate the selection committee to evaluate and rank the proposals. (This was reviewed and approved by the Purchasing Department)

After some delays in the original procurement, the method Administration recommends Consideration and Approval of Changing the Procurement Process from Design Build to Competitive Sealed Proposals (CSP) for the Districtwide Security Vestibules Project in order to expedite the project.

At the Regular Board of Trustees meeting held on September 09, 2020, the Board approved changing the procurement process from design-build to competitive sealed proposals (CSP) for the Districtwide Security Vestibules Project.

Advertisements in the local newspapers were posted on April 28, 2021, and May 05, 2021. A pre-proposal meeting was held on Thursday, May 06, 2021, with proposals scheduled to be publicly opened on Thursday, May 13, 2021. There were no proposals submitted and Administration extended the solicitation for an additional two weeks. A second pre-proposal meeting was held Thursday, May 20, 2021, and proposals were opened on Thursday, May 27, 2021, at 2:00 p.m. Pre-ranking of the proposals was conducted by Ms. Lorena Garcia, Mr. Ricardo Rivera, Ms. Dora Garcia, Mr. Joel Garcia, and Ms. Daisy Cuevas on Friday, May 28, 2021, at 11:00 a.m.

Pre-ranking of proposals by the Administration is a district process to pre-check if all requested documents and information in the Competitive Sealed Proposal (CSP) were submitted.

However, since the district no longer has a Facilities/Environment Committee and we now use the Board of Trustees Work Shop format Administration presents the option of presenting Consideration and Approval to Accept Administrations Rankings and Enter into Negotiations in the Order of Ranking for the Security Entrances for AMJH, KWJH, Pearson Elementary & Roosevelt Alternative Project

Two proposals were submitted for this project; however, one proposal was incomplete and could not be included in the ranking process thus Administration presents one proposal to consider.

Company and Base bid and Number of days
Risica & Sons, Inc.- Incomplete package
REFCO - $85,625.00 - 60 days
Alternate: $6,850.00 (4) sets of electric strikes, power supplies, and wall switches, furnished and installed

Total Proposal: $92,475.00

Initial project negotiations were held on June 10, 2021, with Mr. Connor Friedrichs, REFCO V.P., Mr. Joel Garcia, and Mr. Ricardo Rivera. On Monday, June 14, 2021, REFCO submitted their best and final offer (BAFO). In their BAFO they also recommended substitution for door closers from a specified LCN model to a Stanley closer. After consulting with EGV Architects and our maintenance personnel the substitution is acceptable.

The Board of Trustees has the option to accept this BAFO, to decline the offer, and direct the Administration to reject all offers and re-advertise the project using the same specifications and design.

Administration presents Consideration and Approval to Accept the Best and Final Offer (BAFO) and to Enter Into a Contract for the Security Entrances for AMJH, KWJH, Pearson Elementary & Roosevelt Alternative.

BAFO Base Bid: $81,000.00
Closer Substitution: ($1,600.00)
BAFO Final (base): $79,400.00

BAFO Alternate: $6,850.00

Total Proposal: $86,250.00

Construction Time: 60 days from notice to proceed (NTP)

At the Special Board of Trustees meeting held on June 23, 2021, the Board approved REFCO's Best and Final Offer of $86,250.00 within 60 days. Notice to Proceed was effective July 27, 202, with substantial completion will be September 25, 2021.

At the Regular Board of Trustees, Meeting held on September 8, 2021, the Board approved Change Order #01 for Thirty-three (33) delay days for the Security Entrances for Alton Memorial Jr. High, K. White Jr. High, Pearson Elementary & Roosevelt Alternative. If approved the new substantial completion will be October 28, 2021.

At the Regular Board of Trustees Meeting held on November 10, 2021, the Board approved the following items, Consideration, and Approval of Construction Change Directive #1 & #2 for "Credit" on Hardware Handle and Aluminum Frame Support for the Security Vestibules Project at Alton Memorial Jr. High, K. White Jr. High, Pearson Elementary & Roosevelt Alternative – EGV Architects

Const. Change Directive #1 Credit hardware handle:	($750.00)
Const. Change Directive #2 Aluminum Supports Cost:	$750.00
Balance:	$0.00

Accept Substantial Completion for the Security Vestibules Project at Alton Memorial Jr. High, K. White Jr. High, Pearson Elementary & Roosevelt Alternative - EGV Architects

At the Regular Board of Trustees meeting held on January 19, 2022, the Board approved the Final Completion of the Security Vestibules Project at Alton Memorial Jr. High, K. White Jr. High, Pearson Elementary & Roosevelt Alternative.

Total Construction Cost:
Safety and Security grant in the award of $252,229.00
Leal, Mims & O'Grady (previously awarded) $49,286.00
Balance: $202,943.00

At the Regular Board of Trustees meeting held on August 10, 2022, the Board approved Project, Proposed Budget, Procurement Method, and Utilizing the On-call Professional Services for the Remaining Security Vestibules Project.

PBK Architect – On-call professional services
Job Order Contracting (JOC) – Procurement method

At the Regular Board of Trustees meeting held on December 07, 2022, the Board approved Schematic Design for the Remaining Security Vestibules Project.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:
Communicating the design intent through further refinement of the written and graphic representation of all building materials, components, and equipment that can be quantified and useful to contractors.

ADMINISTRATIVE CONSIDERATIONS

PBK Architects has continued to meet with MCISD Staff and Campus Principals on the designs. PBK Architects presents Consideration and Approval of the Construction Documents for the Remaining Security Vestibules Project. If approved Administration will move forward to advertise and possibly award the project. At this meeting PBK Architects is to advise Administration and the Board of Trustees if there is a change in the estimated construction costs.

PBK Architects was unable to attend to present these designs due to another commitment, however, they are scheduled to present this agenda item at the Board meeting. They have submitted a revised estimated costs schedule.

Remaining Campuses and PBK Arch. Est. Const. Costs - $308,816.54

Bryan Elem. - $42,821.30
Castro Elem. - $60,957.38
Cavazos Elem. - $70,277.31
Midkiff Elem. - $73,048.10
Salinas Elem. - $61,712.45

Remaining Campuses and PBK Arch. New Est. Const. Costs - $382,824.00

Bryan Elem. - $53,040.00
Castro Elem. - $75,504.00
Cavazos Elem. - $87,360.00
Midkiff Elem. - $90,480.00
Salinas Elem. - $76,440.00

FUNDING SOURCE

Local Funds

Estimated Construction Cost:	$310,000.00
Project Contingency 20%:	$ 62,000.00
Soft Costs, Design & Professional Services 12%:	$ 37,200.00
Estimated Total Const. Cost:	$409,200.00

RECOMMENDATION

This agenda item was presented at the Board of Trustees Workshop on Wednesday, March 01, 2023.

Administration presents the Consideration and Approval of the Construction Documents for the Remaining Security Vestibules Project. -PBK Architect

Note: As of submission of this executive summary we have 95% of the final construction documents

EXHIBIT

Construction Documents up to 95%

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

COVER SHEET
G-000
FOR BLUEBEAM LABELING/OCR:

0"
1"

MCISD - SECURITY VESTIBULES

PRESENTATION SET FOR BOARD WORKSHOP
03/01/2023

BOARD MEMBERS

JERRY ZAMORA - PRESIDENT
VERONICA "BETTY" R. MENDOZA - VICE PRESIDENT
ROY VELA - SECRETARY
PETRA B. RAMIREZ - BOARD MEMBER
MINNIE R. RODGERS - BOARD MEMBER
JUAN M. GONZALEZ - BOARD MEMBER
IRIS IGLESIAS - BOARD MEMBER

DR. CAROLINA G. PEREZ - SUPERINTENDENT OF SCHOOLS

PBK

ARCHITECT PBK Architects, Inc.
HOUSTON
11 Greenway Plaza, 22nd Floor
Houston, TX 77046
713-965-0608 P
713-961-4571 F
TX Firm: BR 1608
PBK.com

LEAF ENGINEERS
81
MEP
LEAF ENGINEERS
1-210-838-7200

MCISD - SECURITY VESTIBULES
1802 CLEO DAWSON ST
MISSION, TX 78572
CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN:
N
PLAN NORTH

DISCIPLINE
03/16/2022

CLIENT
MCISD
DATE 2022/03/16
PROJECT NUMBER 2132600AR
DRAWING HISTORY

No.	Description	Date

CONSTRUCTION DOCUMENTS
BUILDING NUMBER BLDG "G"

COVER SHEET

G-000

GENERAL PROJECT INFORMATION
G-002
FOR BLUEBEAM LABELING:

0"
1"

PROJECT GRAPHIC REFERENCES

PROJECT SYMBOLS

- PLAN NORTH / NORTH ARROW
- TRUE NORTH / NORTH ARROW
- WORKING POINT / LEVEL POINT / DATUM POINT / SPOT ELEVATION / TOP OF FRAMING/STEEL
- FIRE RATING TYPE / CORE STRUCTURAL WIDTH TYPE / COMPOSITION TYPE / PARTITION TYPE TAG (RE: PARTITION SCHEDULE)
- BLDG AREA / LEVEL / DOOR SEQUENCE (RE: DOOR SCHEDULE)
- ROOM NAME (RE: ROOM FINISH SCHEDULE) / ROOM SEQUENCE / LEVEL / BLDG AREA
- EXIT SIGN / DIRECTION SYMBOL
- MATCHLINE / MATCHLINE VIEW REFERENCE
- FF&E TAG
- CURTAINWALL TAG / STOREFRONT TAG
- KEYNOTE TAG
- WINDOW & LOUVER TAG
- MATERIAL TAG
- REVISION TAG
- FINISH MATERIAL / CASEWORK TYPE (AWI SERIES) / SIZE (WxD)

PROJECT SYMBOLS

- CEILING TYPE / CEILING HEIGHT
- COLUMN LINE REFERENCE
- EXISTING/NEW COLUMN LINE REFERENCE
- DETAIL NUMBER / SHEET NUMBER / CALLOUT REFERENCE / REFERENCE
- EXTERIOR REFERENCE / ELEVATION NUMBER / SHEET NUMBER
- INTERIOR REFERENCE / ELEVATION NUMBER / SHEET NUMBER
- REFERENCE / BUILDING SECTION REFERENCE / DETAIL NUMBER / SHEET NUMBER
- REFERENCE / WALL SECTION REFERENCE / DETAIL NUMBER / SHEET NUMBER
- CENTER LINE, & SYMBOL
- ABOVE LINE
- BEYOND LINE
- BREAK LINE

CONSTRUCTION TYPE SYMBOLS

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- NEW NON-RATED CONSTRUCTION

MATERIAL INDICATIONS

- CONCRETE
- BRICK
- CONC. MASONRY UNITS (CMU)
- RIGID INSULATION
- BATT INSULATION
- ACOUSTICAL TILE / FABRIC PANEL
- GYPSUM BOARD
- PLASTER ON METAL LATH
- FINISH WOOD
- CONTINUOUS WOOD
- BLOCKING / SHIM
- PLYWOOD
- EARTH
- CAST STONE / SPRAY ON INSULATION / SAND / MORTAR
- STEEL
- ALUMINUM
- STONE
- GRAVEL
- SEALANT
- ROD STOCK & SEALANT

ABBREVIATIONS AND LEGEND KEYS

REFER TO SCHEDULES AND LEGENDS FOR ADDITIONAL ABBREVIATIONS
REFER TO OTHER DISCIPLINES FOR ADDITIONAL ABBREVIATIONS

A		FAP	fire annunciator panel	OFF	office	SS	stainless steel
ABV	above	FD	floor drain	OH	opposite hand	STD	standard
ACOUS	acoustical	FE	fire extinguisher	OPG	opening	STL	steel
ACT	acoustical ceiling tile	FEC	fire extinguisher cabinet	OPP	opposite	STOR	storage
AD	area drain	FG	finish group			STRUCT	structural
ADJ	adjustable	FH	fire hydrant	P		SUSP	suspended
AFF	above finished floor	FHC	fire hose cabinet	PART	partition	SYM	symmetrical
ALT	alternate	FIN	finish	PERM	perimeter		
ALUM	aluminum	FLR	floor	PG	paint grade	T	
APPROX	approximate	FLUOR	fluorescent	PLAM	plastic laminate	T	tread
ARCH	architect	FT	foot or feet	PLAS	plaster	T&G	tongue & groove
		FUR	furring	PLYWD	plywood	TEL	telephone
B				PR	pair	TER	terrazzo
B.O.	bottom of	G		PT	paint	THK	thick
BALC	balcony	GAL	gallon	PTD	painted	THR	threshold
BD	board	GALV	galvanized			TO	top of
BET	between	GB	grab bar	R		TYP	typical
BLDG	building	GC	general contractor	R	riser		
BLKG	blocking	GL	glass	RAD	radius	U	
BLW	below	GND	ground	RCP	reflected ceiling plan	UC	undercut
BM	beam	GWB	gypsum board	RD	roof drain	UNFIN	unfinished
BOT	bottom	GYP	gypsum	RE	refer	UNO	unless noted otherwise
BRKT	bracket			REF	refrigerator	UON	unless otherwise noted
BULKHD	bulkhead	H		REINF	reinforced	UTIL	utility
BUR	built up roof	H.W.H.	hot water heater	REQD	required		
		HC	handicapped	RESIL	resilient	V	
C		HDWD	hardwood	RM	room	VCT	vinyl composition tile
C.G.	corner guard	HDWR	hardware			VERT	vertical
CAB	cabinet	HM	hollow metal	S		VIF	verify in field
CALK	caulking	HORIZ	horizontal	RD	rough opening	VTR	vent termination pipe
CEM	cement	HR	hour	RTU	roof top unit (mech)	VWC	vinyl wall covering
CER	ceramic	HT	height	S	south		
CJ	control joint			SAFB	sound attenuation fiber batt	W	
CLG	ceiling	I		SC	scupper	W	west
CLOS	closet	ID	inner diameter	SCHED	schedule	W/	with
CLR	clear	INCAN	incandescent	SEAL	sealant	W/O	without
CO	cased opening	INSUL	insulation	SECT	section	WC	watercloset
COL	column	INT	interior	SF	square foot	WIN	window
CONC	concrete			SHT	sheet	WP	waterproof
CONT	continous	J		SIM	similar	WS	webstack
CPT	carpet	JAN	janitor	SPEC	specification	WSCT	wainscot
CT	ceramic tile	JST	joist	SQ	square	WT	weight
CTR	center	JT	joint				
D		L					
DBL	double	LAM	laminate				
DET	detail	LAV	lavatory				
DIA	diameter	LB(S)	pounds				
DIM	dimension	LDG	landing				
DN	down	LT	light				
DR	door						
DS	down spout	M					
DW	dishwasher	MAX	maximun				
DWG	drawing	MECH	mechanical				
		MEMB	membrane				
E		MFR	manufacturer				
E	east	MIN	minimum				
EA	each	MISC	miscellaneous				
EIFS	exterior insulation & finish system	MO	masonry opening				
ELEC	electric(al)	MTD	mounted				
ELEV	elevation	MTL	metal				
EMER	emergency						
ENCL	enclosure	N					
EOS	edge of slab	N	north				
EQ	equal	NIC	not in contract				
EQUIP	equipment	NO	number				
ETR	existing to remain	NOM	nominal				
EW	each way	NTS	not to scale				
EXP. JT.	expansion joint						
EXST	existing	O					
		O.P.	overflow pipe				
F		OA	overall				
F.O.	face of	OC	on center				
FA	fire alarm	OD	outside diameter				

PROJECT GRAPHIC REFERENCES

SHEET NUMBER: A-201A1

- FLIP SHEET (Schedules)
- BUILDING AREA
- LEVEL REFERENCE
- SHEET SERIES TYPE

DISCIPLINE

G	GENERAL
C	CIVIL
CA	SPORTS CIVIL
SA	SPORTS ARCH
S	STRUCTURAL
L	LANDSCAPE
D	DEMOLITION
A	ARCHITECTURAL
M	MECHANICAL
E	ELECTRICAL
P	PLUMBING
T	TECHNOLOGY
FS	FOOD SERVICE
AV	ACOUSTICAL
TH	THEATRICAL

SUBDISCIPLINE

S	ARCH SITE
D	DEMO
I	INTERIOR
L	LIFE SAFETY
S	SITE
F	FURNITURE
Q	EQUIPMENT

0	GENERAL
1	PLANS: (Site, Floor, Finish, Graphics)
2	CEILING
3	ROOF
4	ENLARGED PLANS
5	ELEVATIONS (Exterior & Interior)
6	SECTIONS: (Bldg & Wall)
7	BLDG DETAILS
8	DIAGRAMS/COMPILED SCHEDULES: (Partition Types, Casework/Millwork, Door & Panel/Frame Types, Window Types)
9	MISCELLANEOUS

GENERAL NOTES

A. THE CONSTRUCTION DOCUMENTS ARE TO INCLUDE AIA DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION". CLIENT SHALL BE DESIGNATED AS "THE OWNER", PBK SHALL BE DESIGNATED AS "THE ARCHITECT". FACILITY SHALL BE DESIGNATED AS "THE LANDLORD". THE CONTRACT DOCUMENT SHALL ALSO INCLUDE THE AGREEMENT, PERFORMANCE AND PAYMENT BONDS, GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, THE SPECIFICATIONS, THE DRAWINGS ADDENDUM, AND CONTRACT MODIFICATIONS, BUILDING RULES AND REGULATIONS & ANY OTHER DOCUMENTS REQUIRED BY THE OWNER.

B. THE GENERAL CONTRACTOR SHALL BE BOTH LICENSED AND BONDED IN STATE OF PROJECT LOCATION AND SHALL PROVIDE DOCUMENTS UPON REQUEST.

C. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES, AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED FOR THE WORK AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE WORK.

D. THE GENERAL CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITIONS AS PROVIDED IN THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES, ERRORS, INCONSISTENCIES OR AMBIGUITIES PRIOR TO PROCEEDING WITH THE WORK.

E. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR, AND PROVIDE PROTECTION OF, ANY EXISTING FINISHES, MATERIALS, AND EQUIPMENT TO REMAIN. THE GENERAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FINISHES, MATERIALS, AND EQUIPMENT AS A RESULT OF THE WORK. ALL EXISTING FINISHES TO REMAIN SHALL BE CLEANED AT THE COMPLETION OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT ALL EXISTING DAMAGES, AND PROVIDE TO THE ARCHITECT, PRIOR TO PROCEEDING WITH THE WORK.

F. ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER. THE ARCHITECT SHALL BE FINAL JUDGE OF QUALITY.

G. ONLY NEW MATERIALS AND EQUIPMENT OF RECENT MANUFACTURE, OF STANDARD QUALITY AND FREE FROM DEFECTS, WILL BE PERMITTED IN THE WORK, UNLESS OTHERWISE NOTED. REJECTED MATERIALS AND EQUIPMENT SHALL BE REMOVED IMMEDIATELY FROM THE WORK AND REPLACED WITH MATERIALS AND EQUIPMENT OF THE QUALITY SPECIFIED. FAILURE TO REMOVE REJECTED MATERIALS AND EQUIPMENT SHALL NOT RELIEVE THE GENERAL CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY OF MATERIAL AND EQUIPMENT USED NOR FROM ANY OTHER OBLIGATION IMPOSED BY THE CONTRACT.

I. IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON DRAWINGS AND DATA PROVIDED IN THE SPECIFICATION, THE SPECIFICATION SHALL GOVERN. DETAIL DRAWINGS TAKE PRECEDENT OVER DRAWINGS OF LARGER SCOPE. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE ARCHITECT OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH THE WORK. IN CASE OF AN INCONSISTENCY BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT, NOT CLARIFIED BY ADDENDUM, THE MORE SPECIFIC PROVISION SHALL TAKE PRECEDENCE.

J. DO NOT SCALE DRAWINGS. STATED & WRITTEN DIMENSIONS GOVERN. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF THE WORK. ANY DIFFERENCE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR COORDINATION PRIOR TO ORDERING, MANUFACTURING, OR PROCEEDING WITH THE WORK. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FACE OF FINISH, UNLESS NOTED OTHERWISE. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB EXCEPT WHERE NOTED TO BE ABOVE FINISHED FLOOR (AFF). DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED +/-.

J. THE GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF EXISTING AND PROPOSED NEW MECHANICAL, ELECTRICAL, PLUMBING, DATA, AND SPRINKLER EQUIPMENT (INCLUDING BUT NOT LIMITED TO STRUCTURAL MEMBERS, PIPING, DUCT WORK, CONDUIT AND SPRINKLERS) AND THAT CLEARANCES FOR INSTALLATION AND MAINTENANCE OF EQUIPMENT ARE PROVIDED. ELEMENTS IN CONFLICT SHALL BE DOCUMENTED AND PROVIDED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

K. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL, FOR ALL, BUT NOT LIMITED TO, THE FOLLOWING: SHOP-FABRICATED MILLWORK, CARPET LAYOUT, FLOORING, LIGHT FIXTURES, DOORS, FRAMES, HARDWARE, STEEL, METAL FABRICATION, GLAZING, SPRINKLER LAYOUTS, HARDWARE. SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF 3 SETS OF PRINTS. SHOP DRAWINGS SHALL NOT BE REPRODUCTIONS OF CONTRACT DOCUMENTS. MATERIAL SUBMITTALS (3 SAMPLES) SHALL BE PROVIDED FOR WOOD, FASTENERS, ACRYLIC, CARPET, TILE, BASE, PAINT, LAMINATE AND ANY OTHER MATERIALS INDICATED IN THE SHOP DRAWING.

L. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH MANUFACTURER'S CUT SHEETS AND SPECIFICATIONS FOR ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO: LIGHT FIXTURES, PLUMBING EQUIPMENT, ELECTRICAL EQUIPMENT, FANS, SUPPLEMENTARY HEATING AND COOLING ELEMENTS, ALL HARDWARE AND SECURITY EQUIPMENT.

M. THE GENERAL CONTRACTOR SHALL NOT PROCEED WITH WORK FOR WHICH HE EXPECTS ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE A CLAIM FOR EXTRA COMPENSATION. THE CONTRACTOR SHALL NOT PROCEED WITH WORK WHICH, IF COMPLETED IN STRICT CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS, WILL RESULT IN ADDITIONAL WORK BEYOND THE SCOPE OF THE CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. ANY FIELD CONDITIONS THAT SIGNIFICANTLY VARY FROM THE CONTRACT DOCUMENTS OR WILL RESULT IN ADDITIONAL WORK, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

N. THE GENERAL CONTRACTOR SHALL INCLUDE ALL X-RAY AND CORE DRILL COSTS. THE GENERAL CONTRACTOR SHALL REVIEW AND COORDINATE THE SIZE AND LOCATION OF ALL SLAB OPENINGS WITH ALL RELATED DISCIPLINES. THE GENERAL CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CORE DRILLING AND SLAB OPENINGS TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK.

O. PATCH, REPAIR, AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ALL NEW PENETRATIONS AS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION.

P. WHERE BUILDING SEISMIC JOINTS ARE LOCATED, THE GENERAL CONTRACTOR SHALL PROVIDE APPLICABLE CODE AND INDUSTRY BEST PRACTICES FOR ROUTING OF ALL PIPING, DUCTS, CONDUITS AND OTHER CONTINUOUS RUNS.

Q. THE GENERAL CONTRACTOR SHALL CONTINUOUSLY CHECK ARCHITECTURAL AND STRUCTURAL CLEARANCES FOR ACCESSIBILITY OF EQUIPMENT AND MECHANICAL AND ELECTRICAL SYSTEMS. NO ALLOWANCES OF ANY KIND WILL BE MADE FOR THE GENERAL CONTRACTOR'S NEGLIGENCE TO FORESEE MEANS OF INSTALLING EQUIPMENT INTO POSITION.

R. THE FINISHED WORK SHALL BE FIRM, WELL-ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM, APPEARANCE WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS, OR DISCOLORATION. JOINTING SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. THE FINISHED WORK SHALL HAVE NO EXPOSED UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS, UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISION FOR EXPANSION, CONTRACTION AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.

S. ATTACHMENTS, CONNECTIONS OR FASTENERS OF ANY NATURE ARE TO PROPERLY AND PERMANENTLY BE SECURED IN CONFORMANCE WITH INDUSTRY BEST PRACTICES. THE DRAWINGS HIGHLIGHT SPECIAL CONDITIONS ONLY AND BY NO MEANS ILLUSTRATE EVERY CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR IMPROVING CONNECTION ACCORDINGLY.

T. GENERAL CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OF GOVERNING CODES, ORDINANCES, ETC. REQUIRE QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE WOULD REQUIRE.

U. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS AND SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE OR TO HAVE A LONG LEAD TIME, THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY WITH A PROPOSED ALTERNATIVE.

V. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER, THE LANDLORD, AND THE ARCHITECT IN WRITING OF ANY DEFICIENCIES IN BASE BUILDING WORK PRIOR TO THE COMMENCEMENT OF THE WORK. ANY UNREPORTED DEFICIENCIES WILL BECOME THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CORRECT.

W. THE GENERAL CONTRACTOR SHALL EXERCISE INDUSTRY BEST PRACTICES FOR CARE AND CAUTION DURING THE CONSTRUCTION OF THE WORK, AND SHALL SCHEDULE WORK TO MINIMIZE DISTURBANCES TO OCCUPANTS, ADJACENT SPACES AND/OR STRUCTURES, PROPERTY, PUBLIC THOROUGHFARES, ETC. THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS DURING CONSTRUCTION PROCEDURES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS INCURRED.

X. ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS, OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS FROM THE BUILDING CREATED BY THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. TRASH IS NOT PERMITTED TO BE BURNED ON SITE.

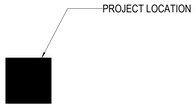
Y. ALL ABANDONED AND MISCELLANEOUS NAILS, HANGERS, STAPLES, WIRES, CONDUITS AND DEBRIS SHALL BE REMOVED FROM EXPOSED AREAS OF THE FLOORS, WALLS, AND CEILINGS. REMOVE ALL ABANDONED PIPE SLEEVES IN FLOOR SLABS. PATCH EXISTING SLAB AS REQUIRED TO MAINTAIN UL FIRE RATING OF FLOOR SLAB WHERE PIPES AND CONDUITS HAVE BEEN REMOVED.

Z. SLAB PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN FIRE RATING. USING MATERIALS AND METHODS APPROVED BY THE AUTHORITY HAVING JURISDICTION. EXPANSION MATERIAL SHALL BE APPROVED BY THE ARCHITECT.

ZA. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY ACCESS PANELS WHICH MAY BE REQUIRED PRIOR TO PROCEEDING WITH THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRADES. REQUIRED ACCESS PANELS SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.

ZB. CONTRACTOR SHALL PROVIDE THE TEAM WITH A CONSTRUCTION SCHEDULE SHOWING THE PROPOSED PHASING. LONG LEAD ITEMS THAT WILL AFFECT THE SUBSTANTIAL COMPLETION DATE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

VICINITY MAP



INTERNATIONAL CODE COUNCIL:
INTERNATIONAL BUILDING CODE, 2021 (IBC)
INTERNATIONAL EXISTING BUILDING CODE, 2021 (IEBC)
INTERNATIONAL ENERGY CONSERVATION CODE, 2021 (IECC)
INTERNATIONAL FIRE CODE, 2021 (IFC)
INTERNATIONAL FUEL GAS CODE, 2021 (IFGC)
INTERNATIONAL MECHANICAL CODE, 2021 (IMC)
INTERNATIONAL PLUMBING CODE, 2021 (IPC)
INTERNATIONAL CODE COUNCIL, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, A117.1, 2009

2012 ADA STANDARDS FOR ACCESSIBLE DESIGN FOR PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES: TITLE III

TABLE 601 FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS FOR TYPE II-B CONSTRUCTION (HOURS)

0 HOUR	PRIMARY STRUCTURAL FRAME
0 HOUR	EXTERIOR BEARING WALLS
0 HOUR	INTERIOR BEARING WALLS
REF. 602	EXTERIOR NONBEARING WALLS AND PARTITIONS
0 HOUR	INTERIOR NONBEARING WALLS AND PARTITIONS
0 HOUR	FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS
0 HOUR	ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS

PROJECT SCOPE: NEW CONSTRUCTION SECURITY VESTIBULES AT MAIN ENTRANCES

PER IECC 2021, C402.5.9.1 VESTIBULES - ARE NOT REQUIRED FOR BUILDINGS IN CLIMATE ZONES 0 THROUGH 2. (PROJECT LOCATED IN CLIMATE ZONE 2)

PER IEBC 2021 - CHAPTER 11 - ADDITIONS:
AN ADDITION TO A BUILDING SHALL COMPLY WITH THE INTERNATIONAL CODES AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES, EXCEPT AS REQUIRED BY CHAPTER 11 OF THE IEBC.

PER IEBC 2021 - EGRESS:
PER SELECTION 1003.6 MEANS OF EGRESS CONTINUITY: THE PATH OF EGRESS TRAVEL ALONG A MEANS OF EGRESS SHALL NOT BE INTERRUPTED BY A BUILDING ELEMENT OTHER THAN A MEANS OF EGRESS COMPONENT AS SPECIFIED BY THIS CHAPTER. OBSTRUCTIONS SHALL NOT BE PLACED IN THE MINIMUM WIDTH OR REQUIRED CAPACITY OF A MEANS OF EGRESS COMPONENTS EXCEPT PROJECTIONS PERMITTED BY THIS CHAPTER 10. THE MINIMUM WIDTH OR REQUIRED CAPACITY OF A MEANS OF EGRESS SYSTEM SHALL NOT BE DIMINISHED ALONG THE PATH OF EGRESS TRAVEL.

903.2.3 GROUP E - AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS: THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SF IN AREA.
FIRE AREA - THE AGGREGATE FLOOR AREA ENCLOSED AND BOUNDED BY FIRE WALLS, FIRE BARRIERS, EXTERIOR WALLS OR HORIZONTAL ASSEMBLIES OF A BUILDING. AREAS OF THE BUILDING NOT PROVIDED WITH SURROUNDING WALLS SHALL BE INCLUDED THE FIRE HORIZONTAL PROJECTION OF THE ROOF OR FLOOR NEXT ABOVE.

1005.5 WHERE MORE THAN ONE EXIT, OR ACCESS TO MORE THAN ONE EXIT, IS REQUIRED, THE MEANS OF EGRESS SHALL BE CONFIGURED SUCH THAT THE LOSS OF ANY ONE EXIT, OR ACCESS TO ONE EXIT, SHALL NOT REDUCE THE AVAILABLE CAPACITY OR WIDTH OR LESS THAN 50 PERCENT OF THE REQUIRED CAPACITY OR WIDTH.

1006.2.1.1. THE NUMBER OF EXITS FROM VESTIBULES NEED NOT BE BASED ON CUMULATIVE OCCUPANT LOADS FOR AREAS DISCHARGING THROUGH SUCH SPACES, BUT THE CAPACITY OF THE EXITS FROM SUCH SPACES SHALL BE BASED ON THE APPLICABLE CUMULATIVE OCCUPANT LOADS.

1008.3.2 BUILDINGS- IN THE EVENT OF POWER SUPPLY FAILURE IN BUILDINGS THAT REQUIRE TWO OR MORE EXITS, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE VESTIBULE USED FOR EXIT DISCHARGE IN ACCORDANCE WITH SECTION 1028.2

1009.2 CONTINUITY - EACH REQUIRED ACCESSIBLE MEANS OF EGRESS SHALL BE CONTINUOUS TO A PUBLIC WAY AND SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: ACCESSIBLE ROUTS COMPLYING WITH SECTION 1104

1017.2 EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 250 ' WITH SPRINKLER SYSTEM

TABLE 1020.2 CORRIDOR FIRE RESISTANCE RATING 0 WITHOUT SPRINKLER SYSTEM

TABLE 1020.3 MINIMUM CORRIDOR WIDTH 72" IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE

1022 EXITS - AN EXIT SHALL NOT BE USED FOR ANY PURPOSE THAT INTERFERES WITH ITS FUNCTION AS A MEANS OF EGRESS. ONCE A GIVEN LEVEL OF EXIT PROTECTION IS ACHIEVED, SUCH LEVEL OF PROTECTION SHALL NOT REDUCED UNTIL ARRIVAL AT THE EXIT DISCHARGE. EXITS SHALL BE CONTINUOUS FROM THE POINT OF ENTRY INTO THE EXIT TO THE EXIT DISCHARGE.

95% CONSTRUCTION DOCUMENTS

File Path: C:\Users\dalvarez\Documents\MCISD - ELEMENTARY SCHOOL VESTIBULE PROJECTS (R22)_daniel.alvarezKZZB5.rvt

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TX Firm: BR 1608

CIVIL CONSULTANT NAME T.000-000-0000
LANDSCAPE CONSULTANT NAME T.000-000-0000
STRUCTURAL CONSULTANT NAME T.000-000-0000
MEP/FP CONSULTANT NAME T.000-000-0000
ACOUSTIC CONSULTANT NAME T.000-000-0000
THEATER CONSULTANT NAME T.000-000-0000
FOOD SERVICE CONSULTANT NAME T.000-000-0000
OTHER CONSULTANT NAME T.000-000-0000

MCISD - SECURITY VESTIBULES AT VARIOUS ELEMENTARIES

ALL LOCATIONS WITHIN MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

95% CONSTRUCTION DOCUMENTS

Mission CISD

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

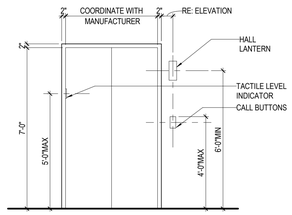
BUILDING NUMBER

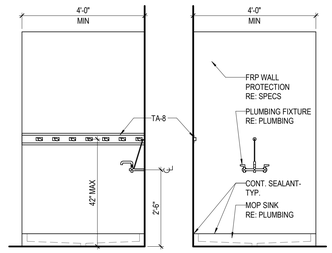
GENERAL PROJECT INFORMATION

G-002

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0"
1"

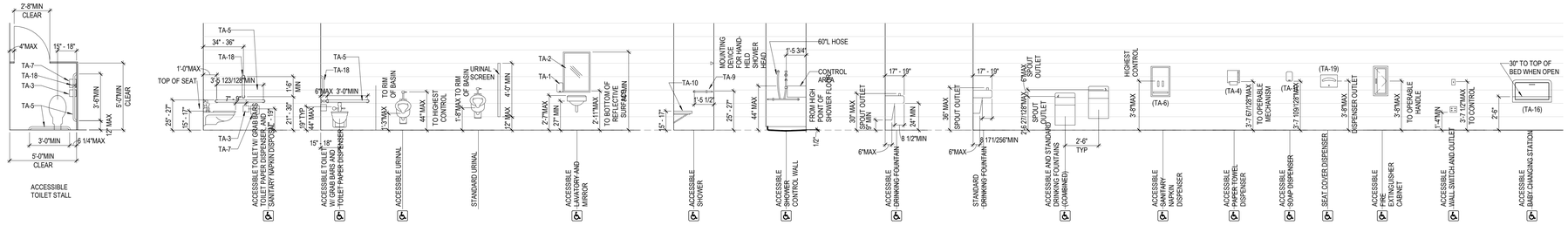




27 TYP ELEVATOR DOOR
3/8" = 1'-0"

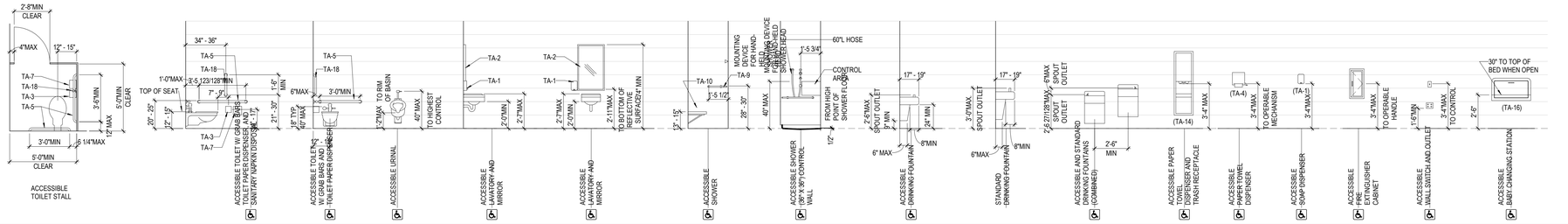
26 TYP CUSTODIAL CLOSET
1/2" = 1'-0"

NOTE: ALL FIXTURE SIZES , MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY ALL APPLICABLE ACCESSIBILITY STANDARDS



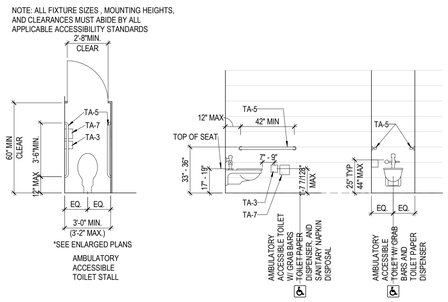
24 ACCESSIBILITY - AGES 9 THRU 12 (GRADES 4 THRU 7)
1/4" = 1'-0"

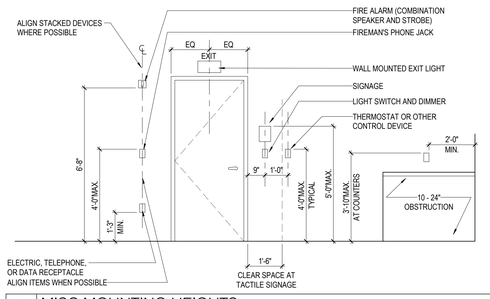
NOTE: ALL FIXTURE SIZES , MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY ALL APPLICABLE ACCESSIBILITY STANDARDS

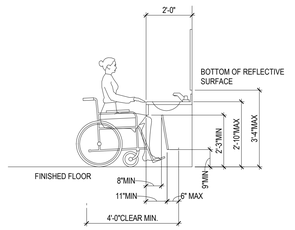


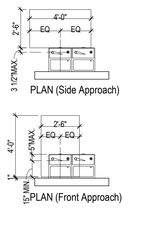
18 ACCESSIBILITY - AGES 5 THRU 8 (GRADES PRE-K THRU 3)
1/4" = 1'-0"

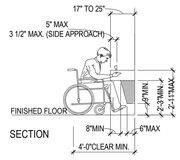
NOTE: ALL FIXTURE SIZES , MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY ALL APPLICABLE ACCESSIBILITY STANDARDS











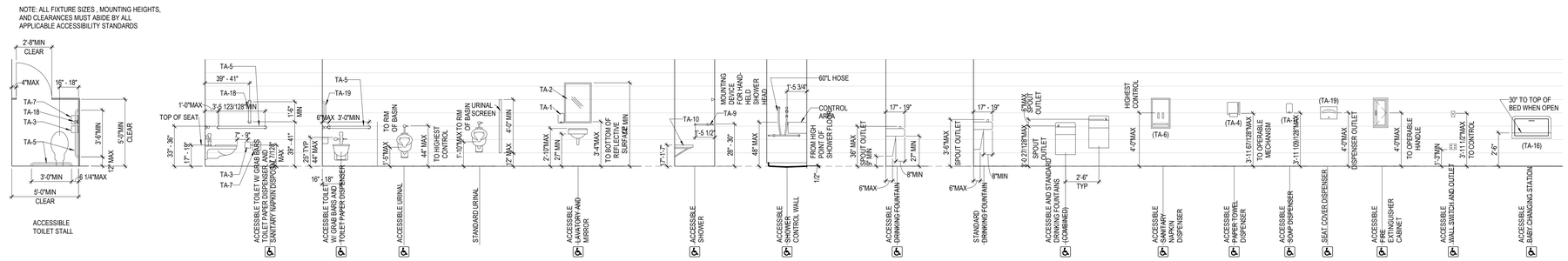
10 MISC MOUNTING HEIGHTS
3/8" = 1'-0"

9 ACCESSIBLE VANITY
3/8" = 1'-0"

8 DRINKING FOUNTAIN GUIDELINE
1/4" = 1'-0"

7 ACCESSIBILE MOUNTING HEIGHTS
1/4" = 1'-0"

NOTE: ALL FIXTURE SIZES , MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY ALL APPLICABLE ACCESSIBILITY STANDARDS



6 ACCESSIBILITY - AGES 13 THRU ADULT (GRADES 8 AND ABOVE)
1/4" = 1'-0"

DESCRIPTION	Ages: 13 - Adult (Grades 8 and Above)
WATER CLOSET: To Top of Seat	17" - 19"
Grab Bar Height	33" - 36"
Flush Control Height	25" TYP 44" MAX
URINAL: Max. To Rim of Basin	17"
Flush Control Height (Max)	44"
LAVATORIES: Front Approach	
Knee Clearance (Min)	27"
To Top (Max)	34"
To Faucet (Max)	25"
FIXED OR BUILT-IN:	
Height of Tables or Counter:	28" - 34"
Knee Clearance (Min)	27"
SHELVES, DISPENSERS: Max. Height to Control Device	
Frontal Approach (Max)	48"
Side Approach (Max)	48"
DRINKING FOUNTAINS:	
To Spout (Max)	36"
Knee Clearance (Min)	27"
SWITCHES AND CONTROLS	
Frontal Approach (Max)	48"
Side Approach (Max)	48"
MIRRORS: Max. Height to Bottom of Reflective Surface	
At Lavatories and Counter Tops	40"
Full Length	35"
MIRRORS: Min. Height to Top of Reflective Surface	
Full Length	74"
TOILET PAPER DISPENSER: Height to Center of Roll (Max)	19"
PAPER TOWEL DISPENSER: Height to Operating Mechanism	48"
SHOWER	
Top of Seat	17" - 19"
Grab Bar	33" - 36"
To Hand Shower Head Mounting (Max)	48"
MARKER BOARDS / TACKBOARDS	COORD. MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALL

DESCRIPTION	Ages: 9 - 12 (Grades 4 - 7)
WATER CLOSET: To Top of Seat	15" - 17"
Grab Bar Height	25" - 27"
Flush Control Height	19" TYP - 44" MAX
URINAL: Max. To Rim of Basin	15"
Flush Control Height (Max)	44"
LAVATORIES: Front Approach	
Knee Clearance (Min)	24"
To Top (Max)	31"
To Faucet (Max)	18"
FIXED OR BUILT-IN:	
Height of Tables or Counter:	26" - 30"
Knee Clearance (Min)	24"
SHELVES, DISPENSERS: Max. Height to Control Device	
Frontal Approach (Max)	44"
Side Approach (Max)	44"
DRINKING FOUNTAINS:	
To Spout (Max)	30"
Knee Clearance (Min)	24"
SWITCHES AND CONTROLS	
Frontal Approach (Max)	44"
Side Approach (Max)	44"
MIRRORS: Max. Height to Bottom of Reflective Surface	
At Lavatories and Counter Tops	35"
Full Length	35"
MIRRORS: Min. Height to Top of Reflective Surface	
Full Length	74"
TOILET PAPER DISPENSER: Height to Center of Roll	17" - 19"
PAPER TOWEL DISPENSER: Height to Operating Mechanism	44"
SHOWER	
Top of Seat	15" - 17"
Grab Bar	25" - 27"
To Hand Shower Head Mounting (Max)	44"
MARKER BOARDS / TACKBOARDS	COORD. MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALL

DESCRIPTION	Ages: 5 - 8 (Grades Pre-K - 3)
WATER CLOSET: To Top of Seat	12" - 15"
Grab Bar Height	20" - 25"
Flush Control Height	18" TYP 40" MAX
URINAL: Max. To Rim of Basin	14"
Flush Control Height (Max)	40"
LAVATORIES: Front Approach	
Knee Clearance (Min)	24"
To Top (Max)	31"
To Faucet (Max)	18"
FIXED OR BUILT-IN:	
Height of Tables or Counter:	26" - 30"
Knee Clearance (Min)	24"
SHELVES, DISPENSERS: Max. Height to Control Device	
Frontal Approach (Max)	40"
Side Approach (Max)	40"
DRINKING FOUNTAINS:	
To Spout (Max)	30"
Knee Clearance (Min)	24"
SWITCHES AND CONTROLS	
Frontal Approach (Max)	40"
Side Approach (Max)	40"
MIRRORS: Max. Height to Bottom of Reflective Surface	
At Lavatories and Counter Tops	34"
Full Length	34"
MIRRORS: Min. Height to Top of Reflective Surface	
Full Length	74"
TOILET PAPER DISPENSER: Height to Center of Roll	14" - 17"
PAPER TOWEL DISPENSER: Height to Operating Mechanism	40"
SHOWER	
Top of Seat	12" - 15"
Grab Bar	20" - 25"
To Hand Shower Head Mounting (Max)	40"
MARKER BOARDS / TACKBOARDS	COORD. MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALL

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LANDSCAPE
CONSULTANT NAME
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STRUCTURAL
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MEP
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ACOUSTIC
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THEATER
CONSULTANT NAME
T.000-000-0000
FOOD SERVICE
CONSULTANT NAME
T.000-000-0000
OTHER
CONSULTANT NAME
T.000-000-0000

MCISD - SECURITY VESTIBULES AT VARIOUS ELEMENTARIES

ALL LOCATIONS WITHIN MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT
95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

ACCESSIBILITY GUIDELINES

G-020

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BRYAN ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

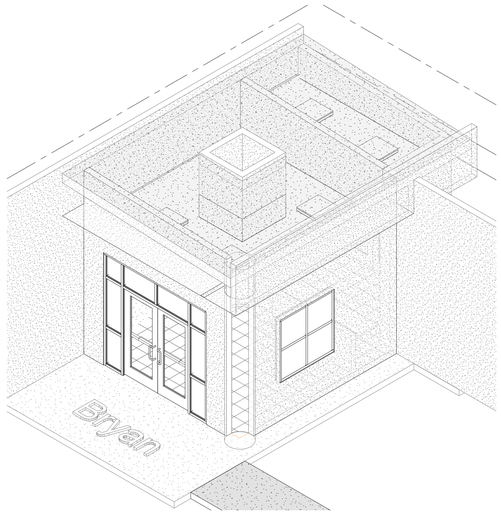
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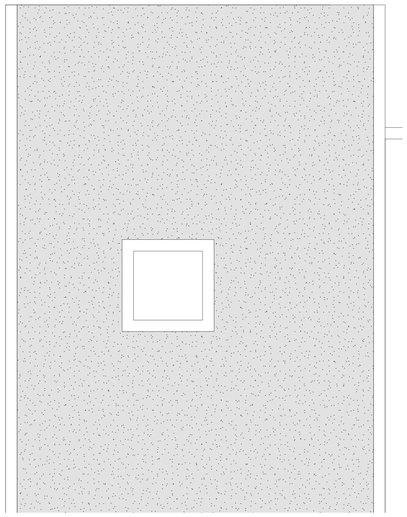
95% CONSTRUCTION DOCUMENTS

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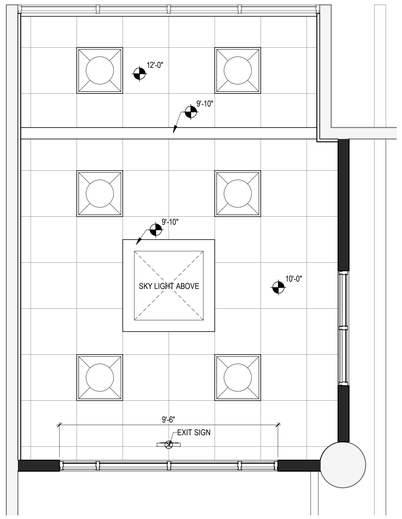
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24 BRYAN ELEM. AXO. VIEW



22 ROOF PLAN BRYAN
3/8" = 1'-0"



20 REFLECTED CEILING PLAN
3/8" = 1'-0"

GENERAL ARCH PLAN NOTES

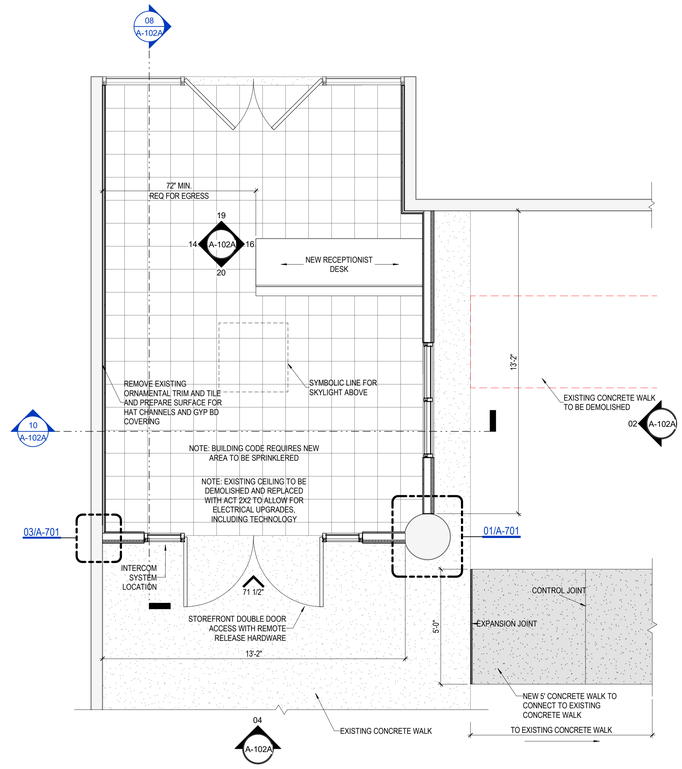
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4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCH. OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR
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15. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT
16. COORD. ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION
17. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48
18. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES
19. COORD. HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED
20. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS U.N.O.
21. ALL FLOOR FINISH MATERIAL CHANGES SHALL HAVE REDUCER STRIPS
22. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED
23. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS
24. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK

GENERAL CEILING PLAN NOTES

1. REFER TO AND COORD. WITH ROOM FINISH SCHEDULES FOR SPECIFIC CEILING TYPES.
2. ALL SCHEDULED CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
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7. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORD. LOCATIONS OF CEILING ACCESS PANELS WITH ARCH. PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
8. REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE



06 PICTURES & NOTES
12" = 1'-0"



04 BRYAN ELEMENTARY FLOOR PLAN
3/8" = 1'-0"

PBK

ARCHITECT PBK Architects, Inc.
MCALLEN PBK.com
6316 North 10th Street, Bldg. A Suite 1
McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1608

CIVIL
CONSULTANT NAME
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LANDSCAPE
CONSULTANT NAME
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STRUCTURAL
CONSULTANT NAME
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ACOUSTIC
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THEATER
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FOOD SERVICE
CONSULTANT NAME
T.000-000-0000
OTHER
CONSULTANT NAME
T.000-000-0000

BRYAN ELEMENTARY SCHOOL

1300 ELM DR., MISSION, TX 788572

95% CONSTRUCTION DOCUMENTS

Mission CISD

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE 11/29/2022

PROJECT NUMBER 220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

BRYAN ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

A-101A

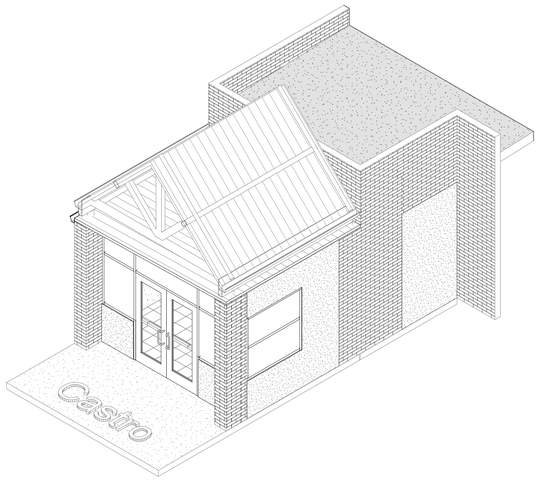
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Author
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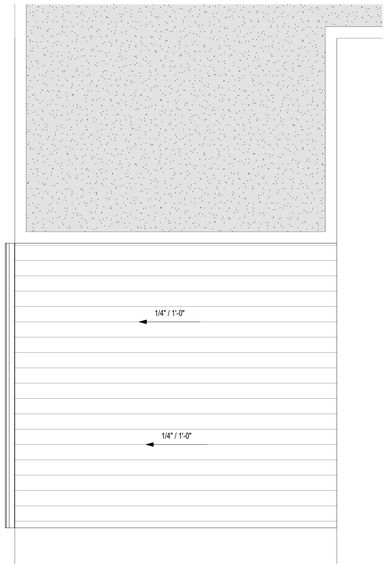
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CASTRO ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN
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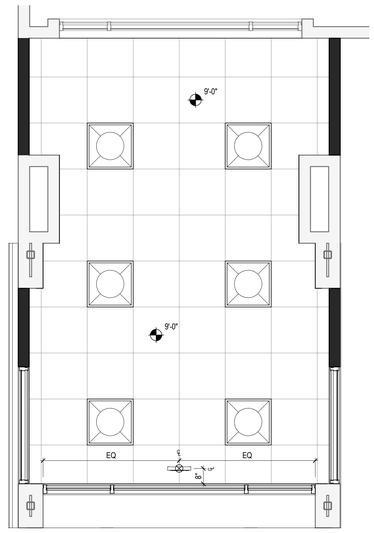
95% CONSTRUCTION DOCUMENTS



24 CASTRO ELEM. AXO. VIEW



22 ROOF PLAN CASTRO
3/8" = 1'-0"



20 REFLECTED CEILING PLAN
3/8" = 1'-0"

GENERAL ARCH PLAN NOTES

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GENERAL CEILING PLAN NOTES

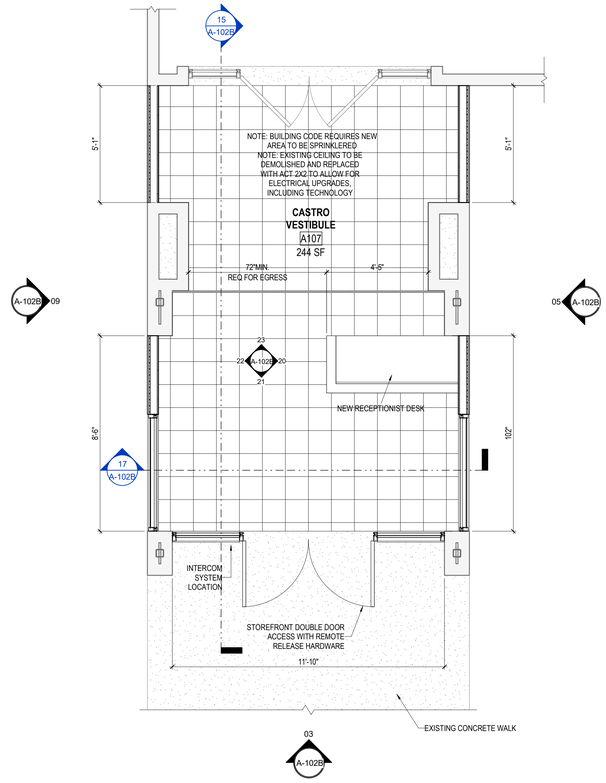
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REMOVE ALL EXISTING LIGHT FIXTURES IN SCOPE OF WORK AREA
EXISTING STOREFRONT SYSTEM TO REMAIN
EXISTING COLUMNS TO REMAIN AND TO BE USED TO ANCHOR NEW STUDS FOR NEW WALLS.

CONTINUE EXISTING METAL ROOF TO OVERLAP EXISTING FLAT ROOF TO CLOSE VISIBLE GAP BETWEEN CANOPY AND FACE OF BUILDING
EXISTING COLUMNS TO REMAIN AND TO BE USED TO ANCHOR NEW STUDS FOR NEW WALLS.
EXISTING STOREFRONT SYSTEM TO REMAIN
OPENINGS TO BE COVERED BY NEW WALL
MECHANICAL EQUIPMENT APPROXIMATE LOCATION
NEW CONCRETE PAD FOR MECHANICAL EQUIPMENT, TYP.
NEW DOWNSPOUT TO DRAIN TOWARDS EXISTING STORM DRAIN GRATE INLET

CONTINUE EXISTING METAL ROOF TO OVERLAP EXISTING FLAT ROOF TO CLOSE VISIBLE GAP BETWEEN CANOPY AND FACE OF BUILDING
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EXISTING STOREFRONT SYSTEM TO REMAIN

06 PICTURES & NOTES
12" = 1'-0"



04 CASTRO ELEMENTARY FLOOR PLAN
3/8" = 1'-0"

PBK

ARCHITECT	PBK Architects, Inc.
MCALLEN	PBK.com
6316 North 10th Street, Bldg. A Suite 1	
McAllen, TX 78504	
956-687-1330 P	
956-687-1331 F	
TX Firm: BR 1608	

CIVIL CONSULTANT NAME	
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LANDSCAPE CONSULTANT NAME	
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STRUCTURAL CONSULTANT NAME	85
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MEP/FP CONSULTANT NAME	
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ACOUSTIC CONSULTANT NAME	
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THEATER CONSULTANT NAME	
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FOOD SERVICE CONSULTANT NAME	
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OTHER CONSULTANT NAME	
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CASTRO ELEMENTARY SCHOOL
200 S MAYBERRY, MISSION, TX 78572
95% CONSTRUCTION DOCUMENTS

Mission CISD

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

CASTRO ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

A-101B

95% CONSTRUCTION DOCUMENTS

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D. ALVAREZ
Plot Stamp:
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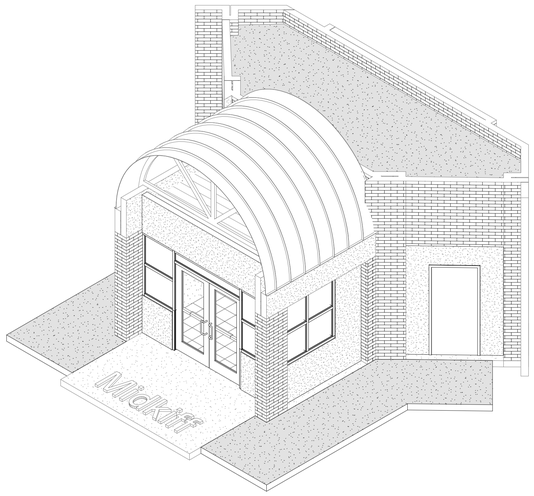
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MIDKIFF ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

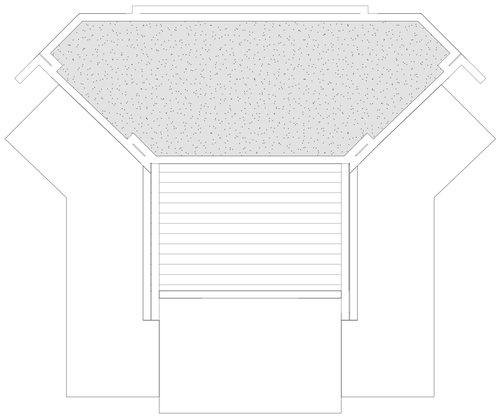
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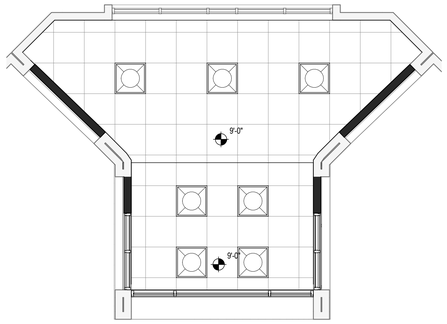
95% CONSTRUCTION DOCUMENTS



24 MIDKIFF ELEM. AXO. VIEW



22 ROOF PLAN MIDKIFF
1/4" = 1'-0"



20 REFLECTED CEILING PLAN
1/4" = 1'-0"

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REMOVE SOFFIT AS REQ TO BRACE NEW WALLS AND HANG NEW ACT SYSTEM FROM STRUCTURE ABOVE

OPENINGS TO BE COVERED BY NEW WALL

EXISTING STOREFRONT SYSTEM TO REMAIN

EXISTING COLUMNS TO REMAIN AND TO BE USED TO ANCHOR NEW STUDS FOR NEW WALLS.

OPENINGS TO BE COVERED BY NEW WALL

EXISTING STOREFRONT SYSTEM TO REMAIN

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OPENINGS TO BE COVERED BY NEW WALL

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06 PICTURES & NOTES
12" = 1'-0"

04 MIDKIFF ELEMENTARY FLOOR PLAN
3/8" = 1'-0"

PBK

ARCHITECT PBK Architects, Inc.
MCALLEN PBK.com
6316 North 10th Street, Bldg. A Suite 1
McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1608

CIVIL
CONSULTANT NAME
T.000-000-0000
LANDSCAPE
CONSULTANT NAME
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STRUCTURAL
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MEP
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ACOUSTIC
CONSULTANT NAME
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THEATER
CONSULTANT NAME
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FOOD SERVICE
CONSULTANT NAME
T.000-000-0000
OTHER
CONSULTANT NAME
T.000-000-0000

MIDKIFF ELEMENTARY SCHOOL

4201 N MAYBERRY, PALMHURST, TX 78574

95% CONSTRUCTION DOCUMENTS

Mission CISD

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE 11/29/2022

PROJECT NUMBER 220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

MIDKIFF ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

A-101C

95% CONSTRUCTION DOCUMENTS

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P.B.K.
DRAWN BY:
D. ALVAREZ
Plot Stamp:
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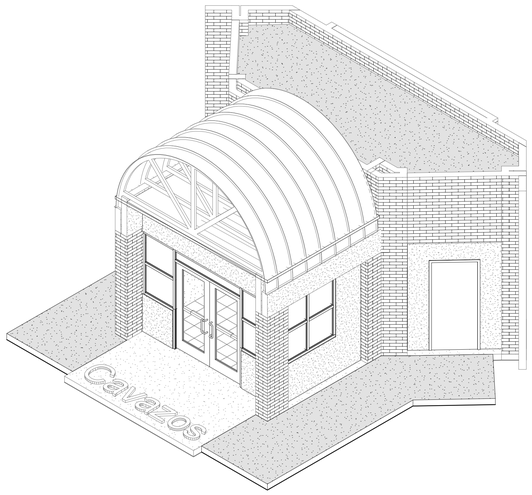
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CAVAZOS ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

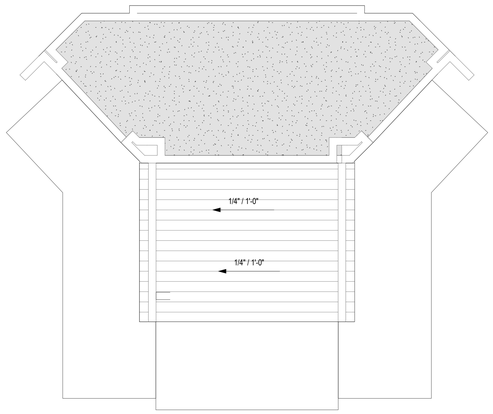
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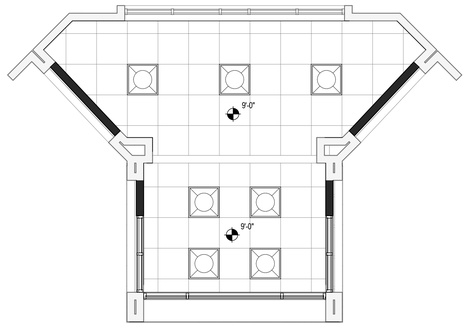
95% CONSTRUCTION DOCUMENTS



24 CAVAZOS ELEM. AXO. VIEW



22 ROOF PLAN CAVAZOS
1/4" = 1'-0"



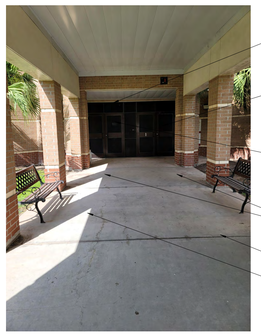
20 REFLECTED CEILING PLAN
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6. CEILING MOUNTED LIGHT FIXTURES WITHIN FIRE RATED CEILING ASSEMBLIES SHALL HAVE LIGHT FIXTURE PROTECTION AND BE TENTED OR OTHERWISE FIRE RATED TO MATCH CEILING ASSEMBLY FIRE RATING.
7. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORD. LOCATIONS OF CEILING ACCESS PANELS WITH ARCH. PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
8. REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE



CONTRACTOR TO VERIFY IN FIELD EXISTING SKY LIGHT CONDITION ABOVE ROOF TO ENSURE WATER WILL NOT PENETRATE ROOFING SYSTEM AND NEW AREA WILL HAVE NO LEAKS

EXISTING STOREFRONT SYSTEM TO REMAIN

REMOVE SOFFIT AS REQ TO BRACE NEW WALLS AND HANG NEW ACT SYSTEM FROM STRUCTURE ABOVE

REMOVE ALL ORNAMENTAL MATERIAL AND PREPARE SURFACE FOR NEW HAT CHANNELS AND GYP BOARD.

DEMOLISH EXISTING CONCRETE WALK

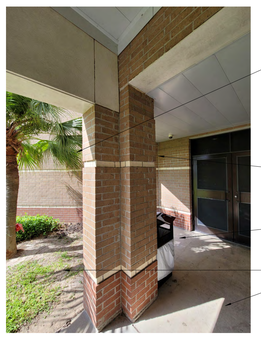
EXISTING COLUMN TO REMAIN AND TO BE USED TO ANCHOR NEW STUDS FOR NEW WALLS.



REMOVE ALL ORNAMENTAL MATERIAL AND PREPARE SURFACE FOR NEW HAT CHANNELS AND GYP BOARD.

EXISTING STOREFRONT SYSTEM TO REMAIN

MECHANICAL EQUIPMENT APPROXIMATE LOCATION



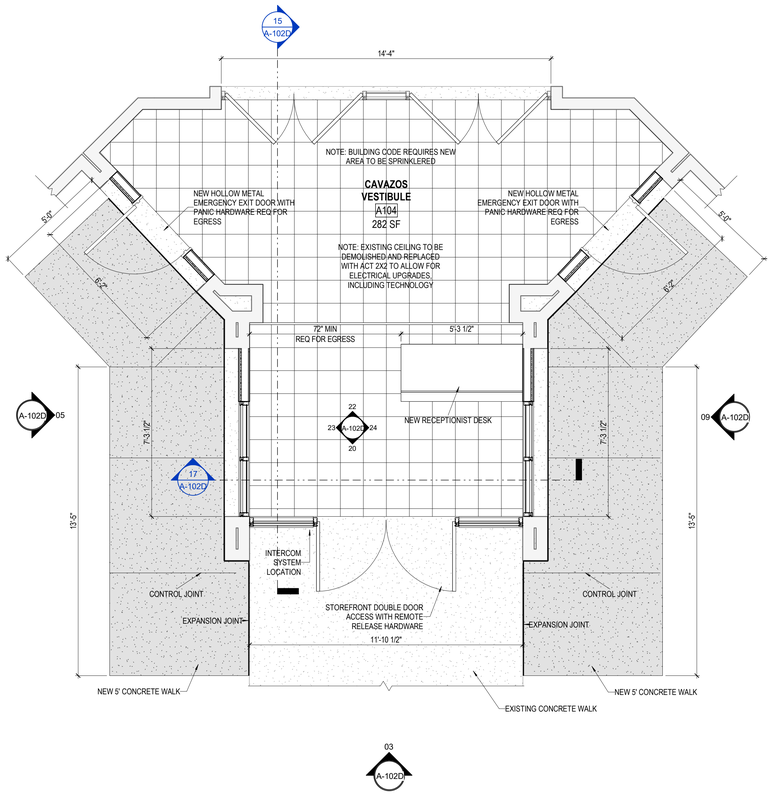
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FOOD SERVICE
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OTHER
CONSULTANT NAME
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87

CAVAZOS ELEMENTARY SCHOOL

803 S LOS EBANOS BLVD., ALTON, TX 78574

95% CONSTRUCTION DOCUMENTS

Mission CISD

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

CAVAZOS ELEMENTARY FLOOR PLAN, RCP, ROOF PLAN

A-101D

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P.B.K.
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D. ALVAREZ
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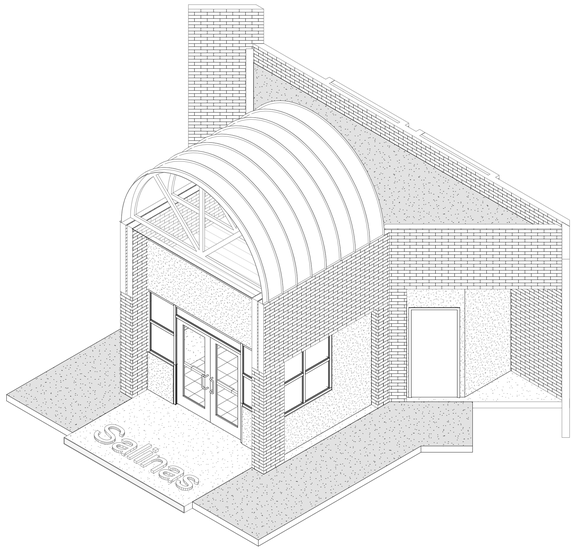
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SALINAS ELEMENTARY FLOOR PLAN, RCP, ROOF PLANS

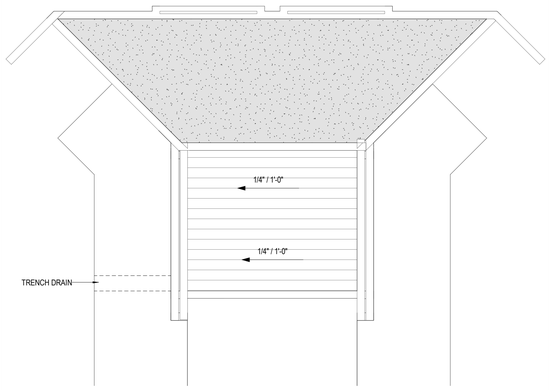
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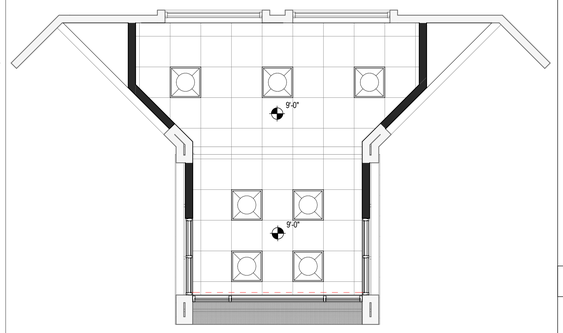
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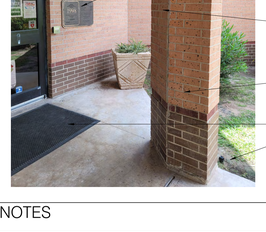
24 SALINAS ELEM. AXO. VIEW



22 ROOF PLAN SALINAS
1/4" = 1'-0"



20 REFLECTED CEILING PLAN
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CONTRACTOR TO VERIFY IN FIELD EXISTING SKY LIGHT CONDITION ABOVE ROOF TO ENSURE WATER WILL NOT PENETRATE ROOFING SYSTEM AND NEW AREA WILL HAVE NO LEAKS

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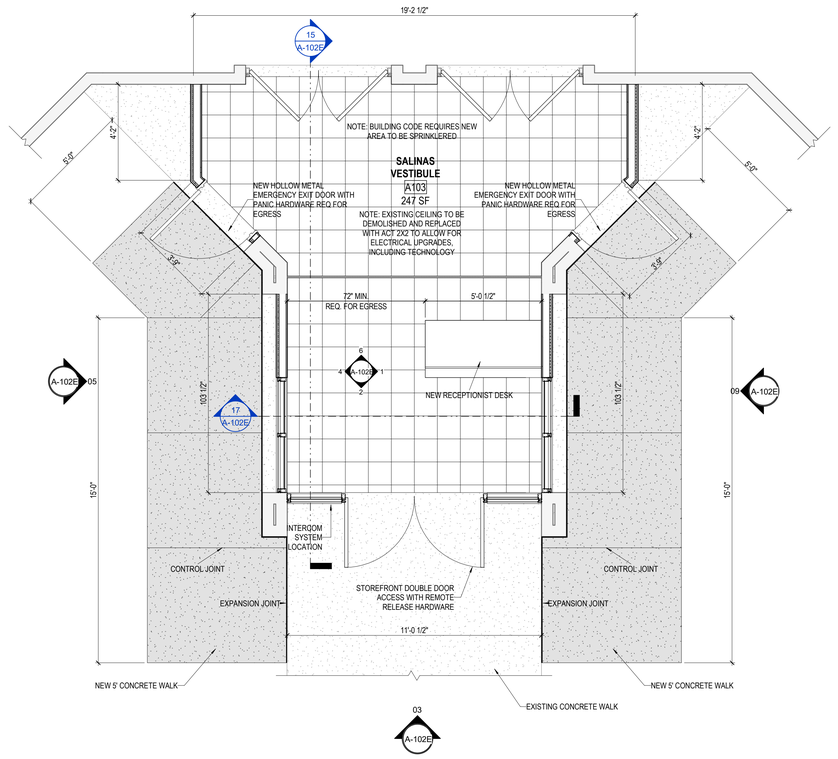
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CIVIL CONSULTANT NAME T.000-000-0000	
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SALINAS ELEMENTARY SCHOOL

10820 N CONWAY ALTON, TX 78574

95% CONSTRUCTION DOCUMENTS

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DATE 11/29/2022

PROJECT NUMBER 220505

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SALINAS ELEMENTARY FLOOR PLAN, RCP, ROOF PLANS

A-101E

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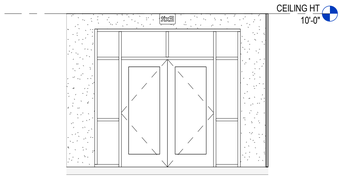
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D. ALVAREZ
Plot Stamp:
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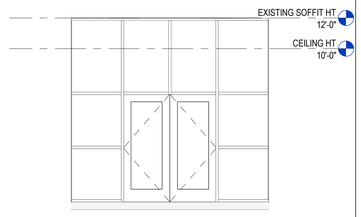
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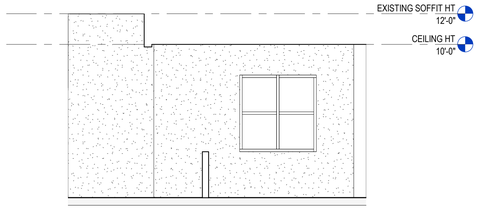
- BRICK, KING
- CEMENT PLASTER SYSTEM
- CONCRETE, CAST IN PLACE (EXISTING)
- CONCRETE, CAST IN PLACE (NEW)
- NEW WALL
- EXISTING WALL



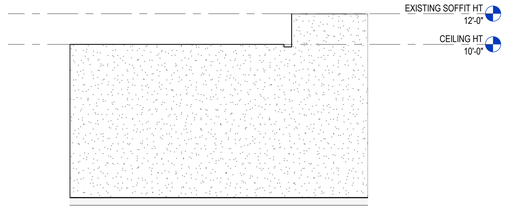
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1/4" = 1'-0"



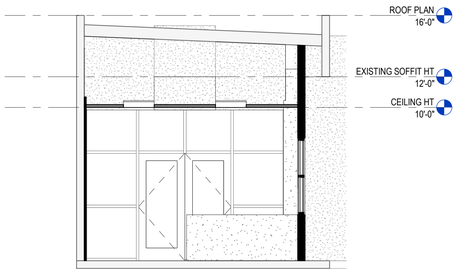
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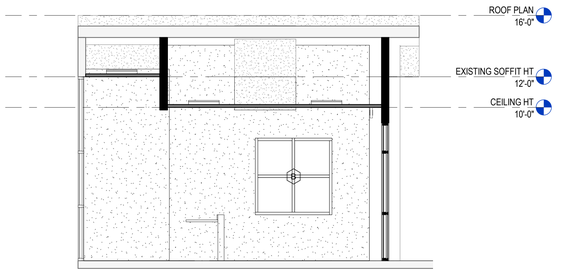
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14 INT. ELEV. BRYAN ELEM.
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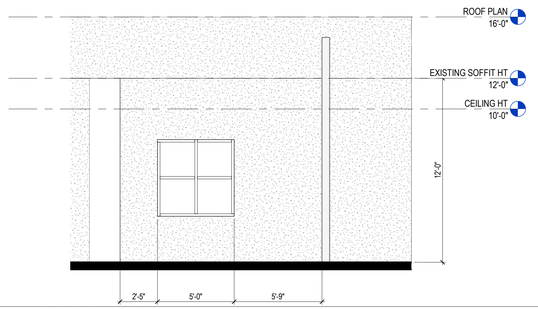
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08 BLDG. SECTION BRYAN ELEM.
1/4" = 1'-0"



04 BRYAN ELEM. FRONT ELEVATION
1/4" = 1'-0"



02 BRYAN ELEM. WEST ELEVATION
1/4" = 1'-0"

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ARCHITECT PBK Architects, Inc.
MCALLEN PBK.com
6316 North 10th Street, Bldg. A Suite 1
McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1608

CIVIL
CONSULTANT NAME
T.000.000.0000
LANDSCAPE
CONSULTANT NAME
T.000.000.0000
STRUCTURAL
CONSULTANT NAME
T.000.000.0000
MEP
CONSULTANT NAME
T.000.000.0000
ACOUSTIC
CONSULTANT NAME
T.000.000.0000
THEATER
CONSULTANT NAME
T.000.000.0000
FOOD SERVICE
CONSULTANT NAME
T.000.000.0000
OTHER
CONSULTANT NAME
T.000.000.0000

89

BRYAN ELEMENTARY SCHOOL
1300 ELM DR., MISSION, TX 78572
95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

BRYAN ELEMENTARY ELEVATIONS & SECTIONS

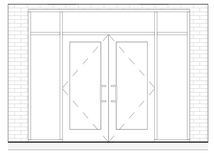
A-102A

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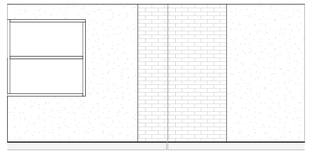
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DRAWN BY:
Author
Plot Stamp:
3/1/2023 7:45:20 AM

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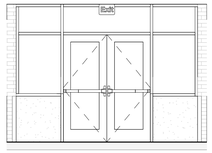
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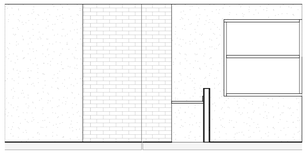
23 INT. ELEV. CASTRO
1/4" = 1'-0"



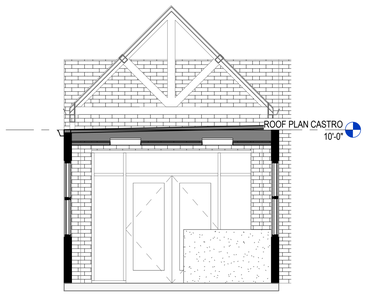
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1/4" = 1'-0"



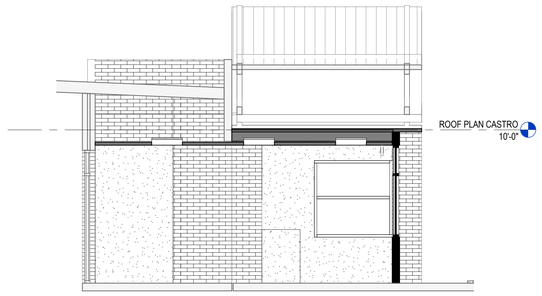
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1/4" = 1'-0"



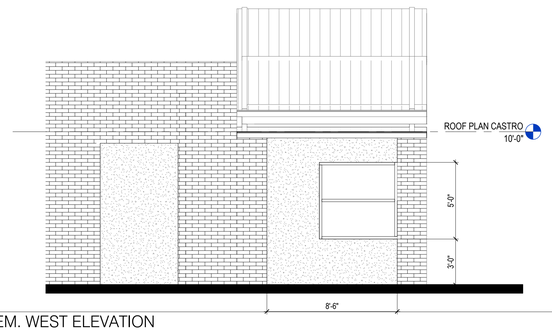
20 INT. ELEV. CASTRO
1/4" = 1'-0"



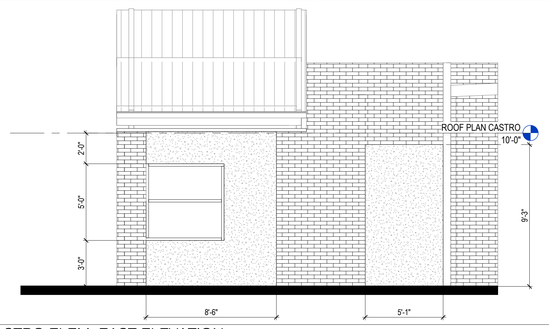
17 BLDG. SECTION CASTRO ELEM 2
1/4" = 1'-0"



15 BLDG. SECTION CASTRO ELEM
1/4" = 1'-0"



09 CASTRO ELEM. WEST ELEVATION
1/4" = 1'-0"



05 CASTRO ELEM. EAST ELEVATION
1/4" = 1'-0"



03 CASTRO ELEM. FRONT ELEVATION
1/4" = 1'-0"

MATERIALS LEGEND

- BRICK, KING
- CEMENT PLASTER SYSTEM
- CONCRETE, CAST IN PLACE (EXISTING)
- CONCRETE, CAST IN PLACE (NEW)
- NEW WALL
- EXISTING WALL

95% CONSTRUCTION DOCUMENTS

CASTRO ELEMENTARY ELEVATIONS & SECTIONS

A-102B

FOR BLUEBEAM LABELING/OCR:

File Path: C:\Users\dalvarez\Documents\MCISD - ELEMENTARY SCHOOL VESTIBULE PROJECTS (R22)_daniel.alvarezKZZB5.rvt

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McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1808

CIVIL CONSULTANT NAME T.000.000.0000	
LANDSCAPE CONSULTANT NAME T.000.000.0000	
STRUCTURAL CONSULTANT NAME T.000.000.0000	90
MEP/FP CONSULTANT NAME T.000.000.0000	
ACOUSTIC CONSULTANT NAME T.000.000.0000	
THEATER CONSULTANT NAME T.000.000.0000	
FOOD SERVICE CONSULTANT NAME T.000.000.0000	
OTHER CONSULTANT NAME T.000.000.0000	

CASTRO ELEMENTARY SCHOOL

200 S MAYBERRY, MISSION, TX 78572

95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

CASTRO ELEMENTARY ELEVATIONS & SECTIONS

A-102B

95% CONSTRUCTION DOCUMENTS

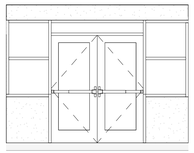
MIDKIFF ELEMENTARY ELEVATIONS & SECTIONS

A-102C

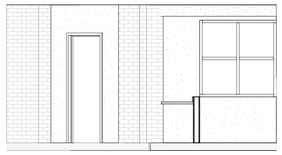
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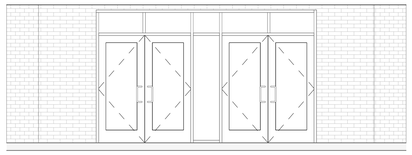
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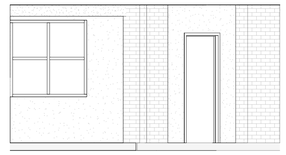
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1/4" = 1'-0"



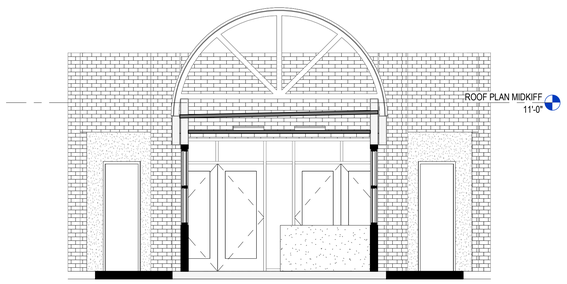
23 INT. ELEV. MIDKIFF
1/4" = 1'-0"



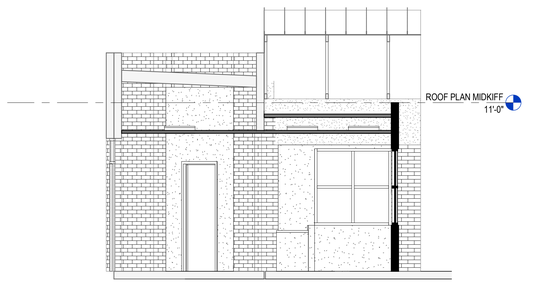
22 INT. ELEV. MIDKIFF
1/4" = 1'-0"



20 INT. ELEV. MIDKIFF
1/4" = 1'-0"



17 BLDG. SECTION MIDKIFF
1/4" = 1'-0"



15 BLDG. SECTION MIDKIFF
1/4" = 1'-0"



09 MIDKIFF ELEM. WEST ELEVATION
1/4" = 1'-0"



05 MIDKIFF ELEM. FRONT ELEVATION
1/4" = 1'-0"



03 MIDKIFF ELEM. EAST ELEVATION
1/4" = 1'-0"

MATERIALS LEGEND

- BRICK, KING
- CEMENT PLASTER SYSTEM
- CONCRETE, CAST IN PLACE (EXISTING)
- CONCRETE, CAST IN PLACE (NEW)
- NEW WALL
- EXISTING WALL

PBK

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MCALLEN PBK.com
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McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1608

CIVIL
CONSULTANT NAME
T.000-000-0000
LANDSCAPE
CONSULTANT NAME
T.000-000-0000
STRUCTURAL
CONSULTANT NAME
T.000-000-0000
MEP
CONSULTANT NAME
T.000-000-0000
ACOUSTIC
CONSULTANT NAME
T.000-000-0000
THEATER
CONSULTANT NAME
T.000-000-0000
FOOD SERVICE
CONSULTANT NAME
T.000-000-0000
OTHER
CONSULTANT NAME
T.000-000-0000

91

MIDKIFF ELEMENTARY SCHOOL

4201 N MAYBERRY, PALMHURST, TX 78574

95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE 11/29/2022
PROJECT NUMBER 220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

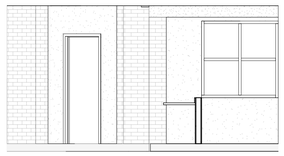
MIDKIFF ELEMENTARY ELEVATIONS & SECTIONS

A-102C

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Plot Stamp:
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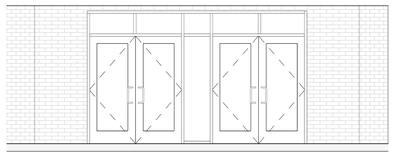
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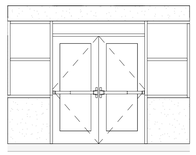
24 INT. ELEV. CAVAZOS
1/4" = 1'-0"



23 INT. ELEV. CAVAZOS
1/4" = 1'-0"



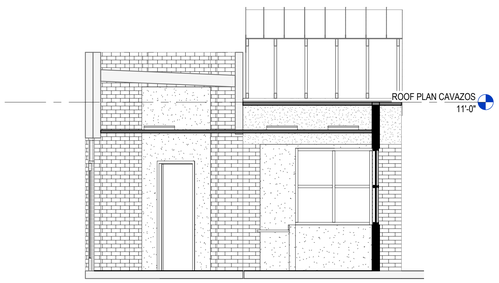
22 INT. ELEV. CAVAZOS
1/4" = 1'-0"



20 INT. ELEV. CAVAZOS
1/4" = 1'-0"



17 BLDG. SECTION CAVAZOS
1/4" = 1'-0"



15 BLDG. SECTION CAVAZOS
1/4" = 1'-0"



09 CAVAZOS ELEM. EAST ELEVATION
1/4" = 1'-0"



05 CAVAZOS ELEM. WEST ELEVATION
1/4" = 1'-0"



03 CAVAZOS ELEM. FRONT ELEVATION
1/4" = 1'-0"

MATERIALS LEGEND

- BRICK, KING
- CEMENT PLASTER SYSTEM
- CONCRETE, CAST IN PLACE (EXISTING)
- CONCRETE, CAST IN PLACE (NEW)
- NEW WALL
- EXISTING WALL

95% CONSTRUCTION DOCUMENTS

CAVAZOS ELEMENTARY ELEVATIONS & SECTIONS
A-102D
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McAllen, TX 78504
956-687-1330 P
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TX Firm: BR 1608

CIVIL
CONSULTANT NAME
T.000.000.0000
LANDSCAPE
CONSULTANT NAME
T.000.000.0000
STRUCTURAL
CONSULTANT NAME
T.000.000.0000
MEP
CONSULTANT NAME
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ACOUSTIC
CONSULTANT NAME
T.000.000.0000
THEATER
CONSULTANT NAME
T.000.000.0000
FOOD SERVICE
CONSULTANT NAME
T.000.000.0000
OTHER
CONSULTANT NAME
T.000.000.0000

92

CAVAZOS ELEMENTARY SCHOOL
803 S LOS EBANOS BLVD., ALTON, TX 78574
95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

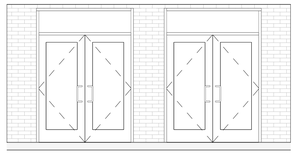
CAVAZOS ELEMENTARY ELEVATIONS & SECTIONS

A-102D

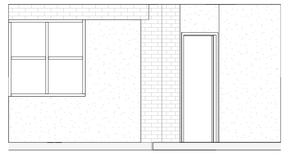
0"
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SALINAS ELEMENTARY ELEVATIONS & SECTIONS
A-102E
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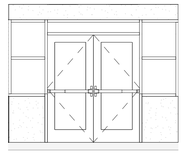
95% CONSTRUCTION DOCUMENTS



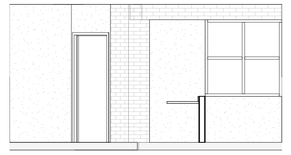
6 INT. ELEV. SALINAS
1/4" = 1'-0"



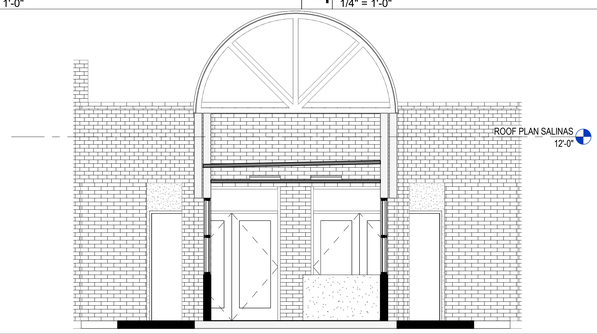
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1/4" = 1'-0"



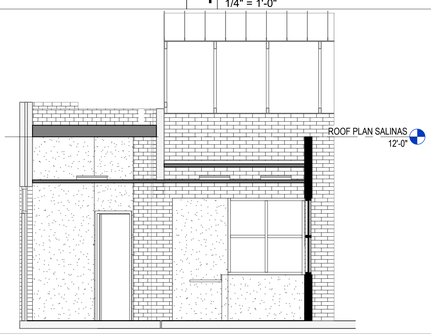
2 INT. ELEV. SALINAS
1/4" = 1'-0"



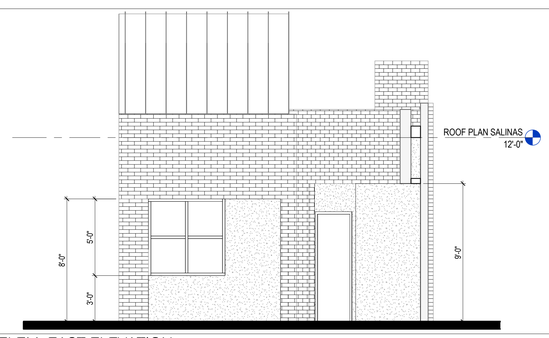
1 INT. ELEV. SALINAS
1/4" = 1'-0"



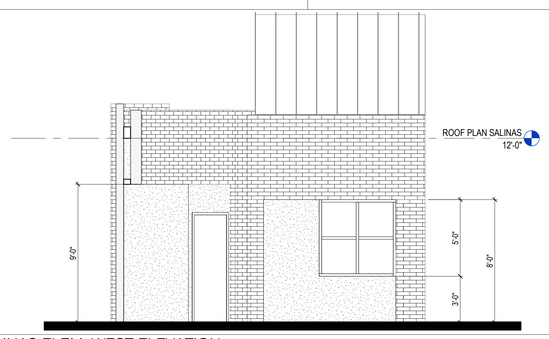
17 BLDG. SECTION SALINAS
1/4" = 1'-0"



15 BLDG. SECTION SALINAS
1/4" = 1'-0"



09 SALINAS ELEM. EAST ELEVATION
1/4" = 1'-0"



05 SALINAS ELEM. WEST ELEVATION
1/4" = 1'-0"



03 SALINAS ELEM. FRONT ELEVATION
1/4" = 1'-0"

MATERIALS LEGEND

- BRICK, KING
- CEMENT PLASTER SYSTEM
- CONCRETE, CAST IN PLACE (EXISTING)
- CONCRETE, CAST IN PLACE (NEW)
- NEW WALL
- EXISTING WALL

95% CONSTRUCTION DOCUMENTS

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MCALLEN PBK.com
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McAllen, TX 78504
956-687-1330 P
956-687-1331 F
TX Firm: BR 1608

CIVIL CONSULTANT NAME T.000.000.0000	
LANDSCAPE CONSULTANT NAME T.000.000.0000	
STRUCTURAL CONSULTANT NAME T.000.000.0000	93
MEP CONSULTANT NAME T.000.000.0000	
ACOUSTIC CONSULTANT NAME T.000.000.0000	
THEATER CONSULTANT NAME T.000.000.0000	
FOOD SERVICE CONSULTANT NAME T.000.000.0000	
OTHER CONSULTANT NAME T.000.000.0000	

SALINAS ELEMENTARY SCHOOL
10920 N CONWAY, ALTON, TX 78574
95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

CLIENT
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

DATE	PROJECT NUMBER
11/29/2022	220505

DRAWING HISTORY

No.	Description	Date

95% CONSTRUCTION DOCUMENTS

BUILDING NUMBER

SALINAS ELEMENTARY ELEVATIONS & SECTIONS

A-102E

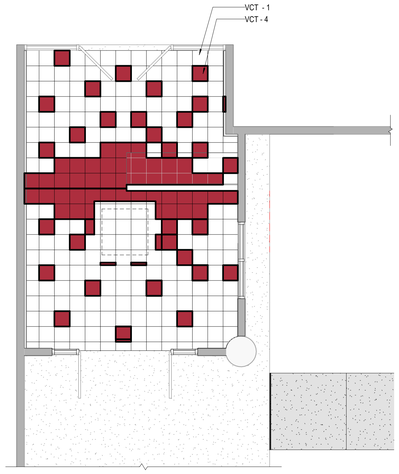
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1ST FLOOR FINISH PLAN - COMPOSITE
AF101
FOR BLUEBEAM LABELING/OCR:

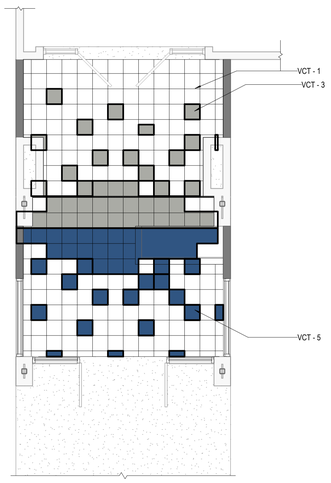
95% CONSTRUCTION DOCUMENTS

Room Schedule

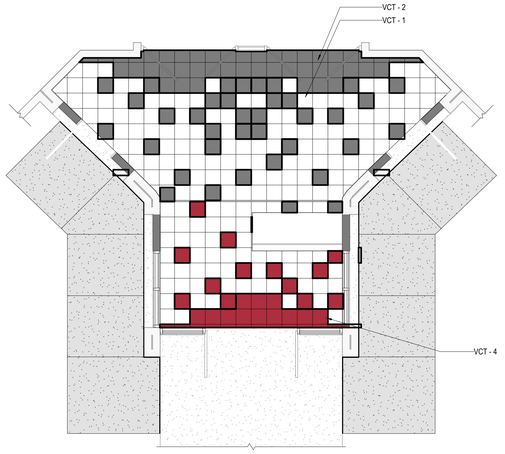
Number	NAME	ROOM BASE	Floor Finish	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	Ceiling Finish
A103	SALINAS VESTIBULE	RB - 1	VCT	P - 2	P - 2	P - 2	P - 2	ACT
A104	CAVAZOS VESTIBULE	RB - 1	VCT	P - 2	P - 2	P - 2	P - 2	ACT
A105	MIDKIFF VESTIBULE	RB - 1	VCT	P - 2	P - 2	P - 2	P - 2	ACT
A106	BRYAN VESTIBULE	RB - 1	VCT	P - 2	P - 2	P - 2	P - 2	ACT
A107	CASTRO VESTIBULE	RB - 1	VCT	P - 2	P - 2	P - 2	P - 2	ACT



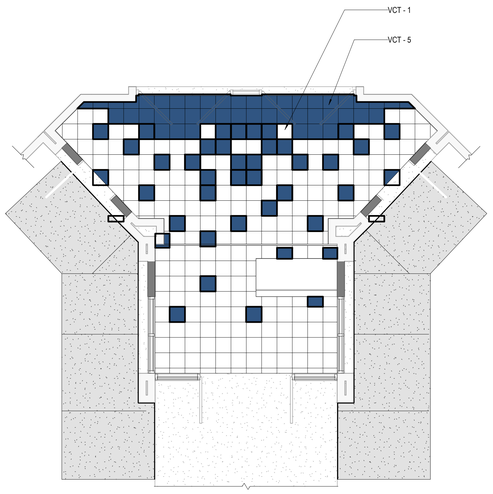
18 BRYAN ELEMENTARY FLOOR PLAN
1/4" = 1'-0"



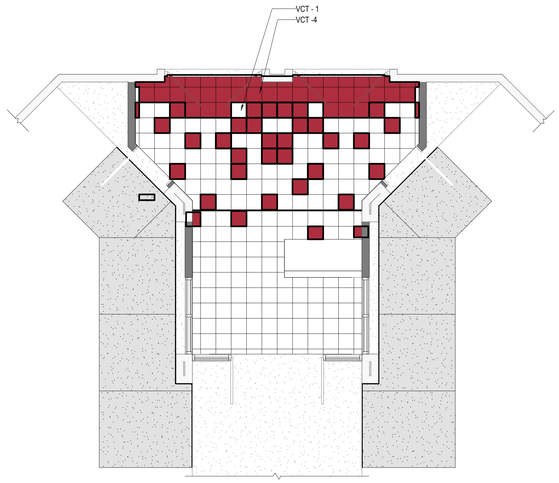
16 CASTRO ELEMENTARY FLOOR PLAN
1/4" = 1'-0"



14 MIDKIFF ELEMENTARY FLOOR PLAN
1/4" = 1'-0"



6 CAVAZOS ELEMENTARY FLOOR PLAN
1/4" = 1'-0"



3 SALINAS ELEMENTARY FLOOR PLAN
1/4" = 1'-0"

BASIS OF DESIGN MATERIALS

PAINT LEGEND

P-1 SHERWIN WILLIAMS
SW7006 EXTRA WHITE
RE: CEILINGS

P-2 SHERWIN WILLIAMS
SW6203 SPARE WHITE
RE: FINISH SCHEDULE

P-3 SHERWIN WILLIAMS
SW 7069 IRON ORE
RE: FINISH SCHEDULE

ALL DOOR FRAMES TO BE PAINTED P-3
USE FIELD COLOR P-2 ON ALL WALLS UNLESS SPECIFIED IN INTERIOR ELEVATIONS

FLOOR FINISH LEGEND

SC SEALED CONCRETE
RE: FINISH SCHEDULE

VCT VINYL COMPOSITION TILE
RE: FINISH SCHEDULE

VCT FINISH SCHEDULE

VCT - 1 TARKETT
480 PURE WHITE
RE: FINISH SCHEDULE

VCT - 2 TARKETT
522 STEEL WORKS CG
RE: FINISH SCHEDULE

VCT - 3 TARKETT
557 SHOOTING STAR CG
RE: FINISH SCHEDULE

VCT - 4 TARKETT
565 MATADOR
RE: FINISH SCHEDULE

VCT - 5 TARKETT
598 DEEP WATER
RE: FINISH SCHEDULE

RB-1 ROPPE RUBBER BASE: 193 BLACK BROWN

PLASTIC LAMINATE LEGEND

PLAM - 1 WILSONART
5014K-19 BATTLESHIP
RE: DESK CASEWORK

PLAM - 2 WILSONART
4168-60 GREY PAMPAS
RE: COUNTERTOPS

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T 000-000-0000
STRUCTURAL 94
CONSULTANT NAME
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MEP
CONSULTANT NAME
T 000-000-0000
ACOUSTIC
CONSULTANT NAME
T 000-000-0000
THEATER
CONSULTANT NAME
T 000-000-0000
FOOD SERVICE
CONSULTANT NAME
T 000-000-0000
OTHER
CONSULTANT NAME
T 000-000-0000

MCISD - SECURITY VESTIBULES AT VARIOUS ELEMENTARIES

ALL LOCATIONS WITHIN MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT
95% CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

DISCIPLINE

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DATE 11/29/2022
PROJECT NUMBER 220505

DRAWING HISTORY

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BUILDING NUMBER

1ST FLOOR FINISH PLAN - COMPOSITE

AF101

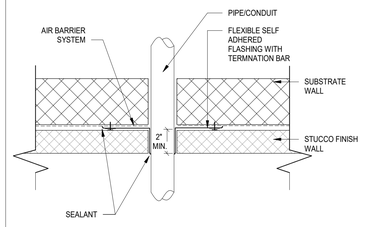
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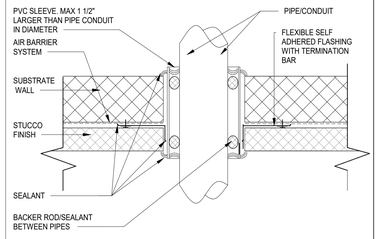
ROOF DETAILS
A-322
FOR BLUEBEAM LABELING:OOR:

0"
1"

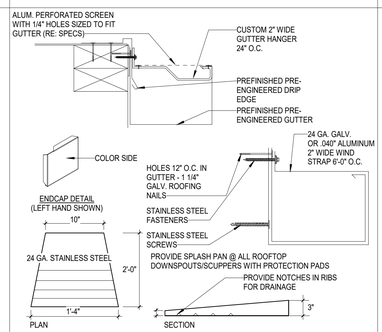
ROOF LEGEND



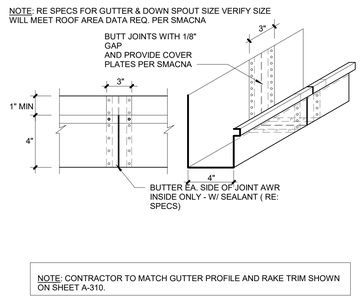
15 PIPE/CONDUIT WALL PENETRATION
1 1/2" = 1'-0"



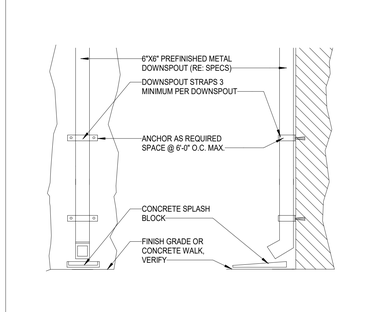
14 SLEEVE PIPE WALL PENETRATION
1 1/2" = 1'-0"



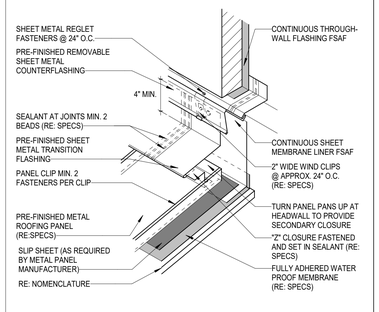
11 GUTTER JOINT AND SPLASH PANS
1 1/2" = 1'-0"



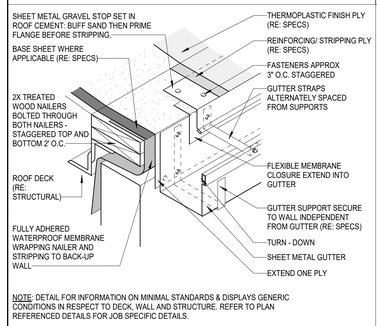
10 GUTTER DETAIL W/ SLIP JOINT
1 1/2" = 1'-0"



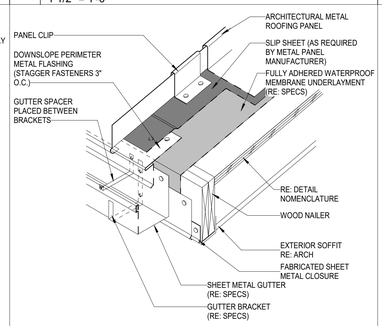
09 ROOFING - DOWNSPOUT
1 1/2" = 1'-0"



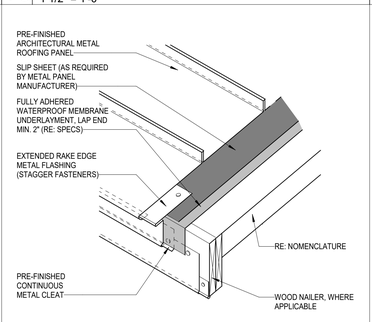
08 WALL FLASHING
1 1/2" = 1'-0"



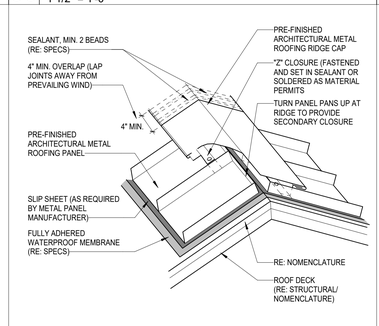
06 ROOF EDGE W/GUTTER
1 1/2" = 1'-0"



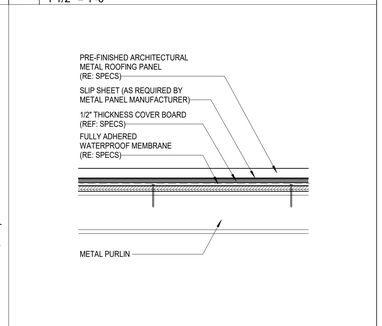
05 ROOF EDGE GUTTER W/ SOFFIT
1 1/2" = 1'-0"



04 ROOF EDGE - RAKE
1 1/2" = 1'-0"



03 ROOF RIDGE
1 1/2" = 1'-0"



02 ROOFING NOMENCLATURE - 'A'
1 1/2" = 1'-0"

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CIVIL CONSULTANT NAME T.000.000.0000
LANDSCAPE CONSULTANT NAME T.000.000.0000
STRUCTURAL CONSULTANT NAME T.000.000.0000 95
MEP/FP CONSULTANT NAME T.000.000.0000
ACOUSTIC CONSULTANT NAME T.000.000.0000
THEATER CONSULTANT NAME T.000.000.0000
FOOD SERVICE CONSULTANT NAME T.000.000.0000
OTHER CONSULTANT NAME T.000.000.0000

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Mission CISD

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DATE 11/29/2022
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DRAWING HISTORY

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95% CONSTRUCTION DOCUMENTS
BUILDING NUMBER

ROOF DETAILS

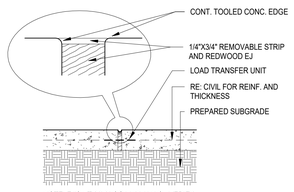
A-322

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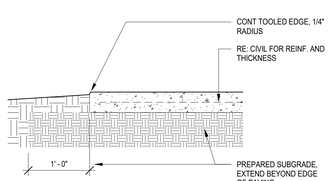
95% CONSTRUCTION DOCUMENTS

PLAN DETAILS
A-701
FOR BLUEBEAM LABELING/OCR:

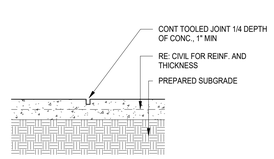
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1"



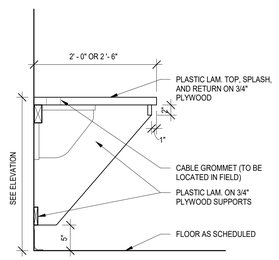
12 CONCRETE WALK EJ
1" = 1'-0"



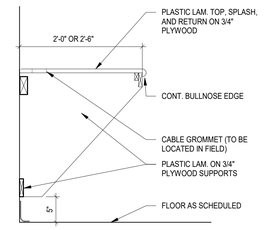
11 CONCRETE WALK EDGE
1" = 1'-0"



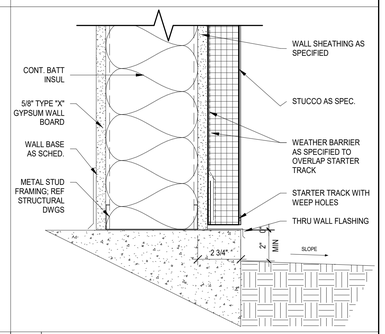
10 CONCRETE WALK CJ
1" = 1'-0"



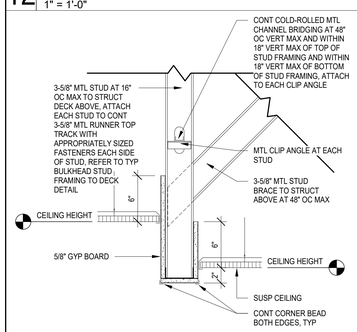
09 TYP COUNTER TOP
1" = 1'-0"



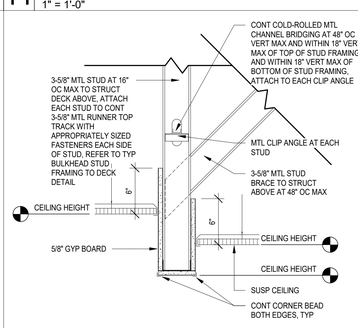
08 TYP COUNTER TOP
1" = 1'-0"



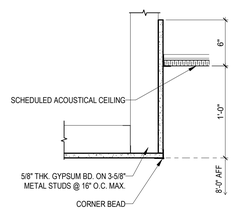
07 STUCCO BASE DETAIL
3" = 1'-0"



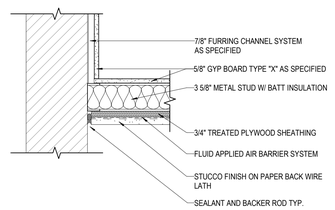
06 CEILING DETAIL
1 1/2" = 1'-0"



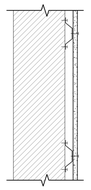
05 CEILING DETAIL
1 1/2" = 1'-0"



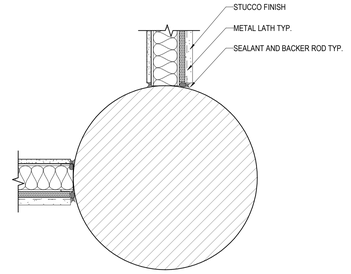
04 CEILING DETAIL @ FURR DOWN TYP
1 1/2" = 1'-0"



03 DT - PLAN DETAIL CORNER
1 1/2" = 1'-0"



02 DT - HAT CHANNEL AND GYP BD
1 1/2" = 1'-0"



01 DT - PLAN DETAIL
1 1/2" = 1'-0"

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STRUCTURAL 96
CONSULTANT NAME
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MEP
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THEATER
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OTHER
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T.000.000.0000

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PLAN DETAILS

A-701

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0"
1"

LEVEL 1 MECHANICAL PLAN - VESTIBULE EXHIBITS
M-101
FOR BLUEBEAM LABELING:OCR:

100% CD SET

MECHANICAL GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED AS PER THE LOCAL MECHANICAL CODE, THE LOCAL BUILDING CODES AND LOCAL ENERGY CONSERVATION CODE.
2. PROVIDE ALL MATERIALS, LABOR, EQUIPMENT AND ANY OTHER INCIDENTALS ESSENTIAL FOR A COMPLETE AND OPERATIONAL INSTALLATION OF THE HVAC WORK SHOWN ON THE PLANS.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL INFO FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT SHALL MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK.
4. ALL NEW HVAC EQUIPMENT SHALL BE CLEANED AFTER THE FINISHING OF DRYWALL AND PRIOR TO THE RELEASE OF BUILDING TO THE OWNER. IF THE DUCTWORK AND AIR DEVICES ARE NOT PROPERLY PROTECTED DURING CONSTRUCTION THAN IT SHALL BE CLEANED AS WELL. CONTRACTOR TO PROVIDE DOCUMENTATION WITH DATE AND TIME OF ALL THE PERFORMED SERVICES.
5. ALL WALL MOUNTED TEMPERATURE, HUMIDITY AND CO2 SENSORS SHALL BE MOUNTED AT THE SAME ELEVATION AS THE LIGHT SWITCHES. COORDINATE WITH ELECTRICAL DRAWINGS AND ARCHITECTURAL ELEVATION PLAN.
6. NEW PIPING TO BE INSTALLED AS TO NOT BLOCK ANY ACCESS DOORS FROM FULL SWING OPENING.
7. PRIOR TO INSTALLATION OF EQUIPMENT, VERIFY MANUFACTURER'S RECOMMENDED AND CODE REQUIRED CLEARANCES ARE AVAILABLE.
8. COORDINATE ALL WORK WITH ALL OTHER TRADES.
9. BUILDING AUTOMATION SYSTEM THERMOGRAPHICS SHALL BE UPDATED TO REFLECT CURRENT FLOOR PLAN, ROOM NAMES AND ALL ASSOCIATED HVAC EQUIPMENT.
10. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE ELECTRICAL AND PLUMBING CHANGES FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
11. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE BETWEEN CONTRACTORS SHALL BE WITHOUT ANY ADDITIONAL COST TO THE PROJECT.
12. REFER TO SNAP 'N SHIELD REFRIGERANT PIPING SUPPORT DETAIL FOR REFRIGERANT PIPING SUPPORT.
13. CONDENSATE DRAIN PIPE SHALL BE INSULATED FROM CEILING MOUNTED FCU TO DRY WELL. COORDINATE EXACT LOCATION OF DRY WELL AND ROUTING OF DRAIN PIPING. REFER TO MECHANICAL PLANS ON THIS DRAWING.
14. ALL EXPOSED REFRIGERANT AND CONDENSATE PIPING SHALL BE PROVIDED WITH ALUMINUM JACKET.
15. PROVIDE SENSORS IN CLEAR LOCKABLE PROTECTIVE ENCLOSURE.
16. NOT ALL SYMBOLS OR ABBREVIATIONS MAY BE USED ON THESE DRAWINGS.

SYMBOL	DESCRIPTION
CO	CARBON DIOXIDE SENSOR
H	HUMIDISTAT
T	THERMOSTAT
07/M-3	INDICATES REFERENCE TO VIEW 07, SHEET M-3
	MECHANICAL EQUIPMENT
	SUPPLY AIR TERMINAL
	RETURN AIR TERMINAL
	EXHAUST AIR TERMINAL
	NEW DUCTWORK
	CONNECTION TO EXISITNG
01 / M-3	INDICATES REFERENCE TO SECTION VIEW 01, SHEET M-3
CD	CONDENSATE DRAIN
RS	REFRIGERANT SUCTION
RG	REFRIGERANT GAS
RL	REFRIGERANT LIQUID
CR	STEAM CONDENSATE RETURN
HP	HIGH PRESSURE STEAM
LP	LOW PRESSURE STEAM

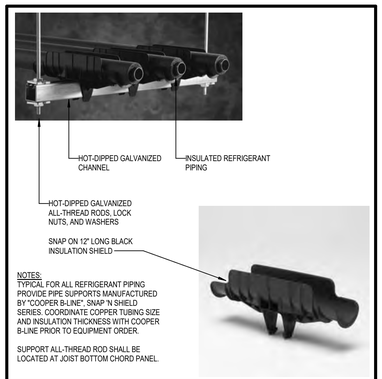
A	AMPERES	DFA	DOWN FROM ABOVE	HOA	HAND OFF AUTOMATIC SWITCH	SPF	STAIRWELL PRESSURIZATION FAN
ACC	AIR COOLED CHILLER	DR	RETURN DUCT SMOKE DETECTOR	HP	HORSEPOWER	TEF	TOILET EXHAUST FAN
ACCU	AIR COOLED CONDENSING UNIT	DS	SUPPLY DUCT SMOKE DETECTOR	HWP	HEATING WATER PUMP	UG	UNDERGROUND
ACU	AIR CONDITIONING UNIT	DY	DRYER	IV	ISOLATION VALVE	UL	UNDERWRITERS LABORATORIES
AFF	ABOVE FINISHED FLOOR	E.C.	ELECTRICAL CONTRACTOR	KEF	KITCHEN EXHAUST FAN	U.N.O.	UNLESS NOTED OTHERWISE
AFR	ABOVE FINISHED ROOF	EDH	ELECTRIC DUCT HEATER	KSU	KITCHEN SUPPLY UNIT	VAV	VARIABLE AIR VOLUME
AHAP	AS HIGH AS POSSIBLE	EF	EXHAUST FAN	KW	KILOWATTS	WP	WEATHERPROOF
AHU	AIR HANDLING UNIT	EX	EXISTING	MCC	MOTOR CONTROL CENTER	XT	EXPANSION TANK
AP	ACCESS PANEL	FIXT	FIXTURE	MD	MANUAL BALANCING DAMPER		
AS	AIR SEPARATOR	FA	FIRE ALARM	MTD	MOUNTED		
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS	FAAP	FIRE ALARM ANNUNCIATOR PANEL	NIC	NOT IN CONTRACT		
B	BOILER	FACP	FIRE ALARM CONTROL PANEL	OFOI	OWNER FURNISHED / OWNER INSTALLED		
BCP	BUILDING CONTROL POWER	FCU	FAN COIL UNIT	OA	OUTSIDE AIR		
BFF	BELOW FINISHED FLOOR	FD	FIRE DAMPER	PCHP	PRIMARY CHILLED WATER PUMP		
BFG	BELOW FINISHED GRADE	FPB	FAN POWERED TERMINAL BOX	PRV	PRESSURE REDUCING VALVE		
C	CHILLER	FSD	COMBINATION FIRE / SMOKE DAMPER	PVC	POLYVINYL CHLORIDE		
CHP	CHILLED WATER PUMP	G	PROTECTIVE GUARD	RA	RETURN AIR		
CP	CONDENSER WATER PUMP	GBD	GRAVITY BACKDRAFT DAMPER	RF	RELIEF FAN		
CT	COOLING TOWER	GC	GENERAL CONTRACTOR	SCHP	SECONDARY CHILLED WATER PUMP		
CU	CONDENSING UNIT	GHP	GEOTHERMAL HEAT PUMP	SD	SMOKE DAMPER		
CV	CONTROL VALVE	GSHP	GROUND SOURCE HEAT PUMP	SEF	SMOKE EXHAUST FAN		
DEF	DISHWASHER EXHAUST FAN	GV	GRAVITY VENTILATOR	SPEC	SPECIFICATION		

DUCTLESS MINI-SPLIT SYSTEM AIR-CONDITIONERS SCHEDULE

EVAPORATOR SECTION					
INDOOR EVAPORATOR DESIGNATION	FCU-01	FCU-02	FCU-03	FCU-04	FCU-05
SERVICE	BRYAN VESTIBULE A106	CASTRO VESTIBULE A107	CAVAZOS VESTIBULE A104	MIDKIFF VESTIBULE A105	SALINAS VESTIBULE A103
MANUFACTURER	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI
MODEL NUMBER	PLA-A18EA7	PLA-A18EA7	PLA-A18EA7	PLA-A18EA7	PLA-A18EA7
TYPE	CEILING CASSETTE	CEILING CASSETTE	CEILING CASSETTE	CEILING CASSETTE	CEILING CASSETTE
WEIGHT (LBS.)	46	46	46	46	46
NOTES	1-9	1-9	1-9	1-9	1-9
FAN DATA					
SUPPLY CFM (HIGH / MEDIUM / LOW) SPEED	420 / 460 / 570 / 600	420 / 460 / 570 / 600	420 / 460 / 570 / 600	420 / 460 / 570 / 600	420 / 460 / 570 / 600
EXTERNAL STATIC PRESSURE, "WG	-	-	-	-	-
COOLING / HEATING COIL	DX	DX	DX	DX	DX
NOMINAL TONNAGE	1.5 TONS	1.5 TONS	1.5 TONS	1.5 TONS	1.5 TONS
ENTERING AIR EVAP (DB/WB) °F - COOLING MODE	80°F / 67°F	80°F / 67°F	80°F / 67°F	80°F / 67°F	80°F / 67°F
ENTERING AIR EVAP (DB/WB) °F - HEATING MODE	70°F / 60°F	70°F / 60°F	70°F / 60°F	70°F / 60°F	70°F / 60°F
TOTAL BTUH COOLING	18,000	18,000	18,000	18,000	18,000
TOTAL BTUH HEATING	19,000	19,000	19,000	19,000	19,000
AIR-COOLED CONDENSER					
DESIGNATION	ACCU-01	ACCU-02	ACCU-03	ACCU-04	ACCU-05
SERVES	FCU-01	FCU-02	FCU-03	FCU-04	FCU-05
LOCATION	BRYAN ES	CASTRO ES	CAVAZOS ES	MIDKIFF ES	DRESSING ROOM YARD
MANUFACTURER	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI
MODEL NUMBER	PUZ-A18NKA7	PUZ-A18NKA7	PUZ-A18NKA7	PUZ-A18NKA7	PUZ-A18NKA7
EFFICIENCY (SEER)	24.6	24.6	24.6	24.6	24.6
VOLTS/PH/HZ	208 / 1 / 60	208 / 1 / 60	208 / 1 / 60	208 / 1 / 60	208 / 1 / 60
MCA	11.0	11.0	11.0	11.0	11.0
MOCP	28	28	28	28	28
REFRIGERANT	R-410A	R-410A	R-410A	R-410A	R-410A
AMBIENT TEMPERATURE °F	95°F	95°F	95°F	95°F	95°F
WEIGHT (LBS.)	100	100	100	100	100

NOTES

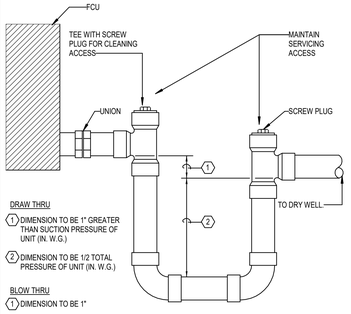
1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. ESTIMATED EXTERNAL STATIC PRESSURE INCLUDES LOSSES THROUGH PLENUM, AIR DEVICES, ETC.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE REMOTE WALL MOUNTED PROGRAMMABLE THERMOSTAT WITH BACnet INTERFACE.
5. PROVIDE INVERTER DRIVEN COMPRESSOR.
6. INDOOR UNIT IS POWERED BY THE OUTDOOR UNIT. INTERCONNECTING POWER WIRING FROM OUTDOOR TO INDOOR UNIT IS BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.
7. PROVIDE MATCHING CONDENSING UNIT FROM SAME MANUFACTURER.
8. MANUFACTURER SHALL PROVIDE A CONDENSATE PUMP. PUMP SHALL BE POWERED BY THE UNIT AND SHALL NOT START / STOP UNLESS THE UNIT IS ENERGIZED / DE-ENERGIZED.
9. UNIT SHALL BE RATED FOR 144 MPH WIND SPEED.



NOTES:
TYPICAL FOR ALL REFRIGERANT PIPING PROVIDE PIPE SUPPORTS MANUFACTURED BY "COOPER B-LINE", SNAP 'N SHIELD SERIES. COORDINATE COPPER TUBING SIZE AND INSULATION THICKNESS WITH COOPER B-LINE PRIOR TO EQUIPMENT ORDER.

SUPPORT ALL-THREAD ROD SHALL BE LOCATED AT JOIST BOTTOM CHORD PANEL.

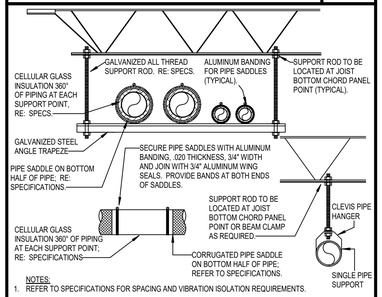
SNAP 'N SHIELD REFRIGERANT PIPING SUPPORT DETAIL — 9
NOT TO SCALE



DRAW THRU
1. DIMENSION TO BE 1" GREATER THAN SUCTION PRESSURE OF UNIT (IN. W.G.)
2. DIMENSION TO BE 1/2 TOTAL PRESSURE OF UNIT (IN. W.G.)

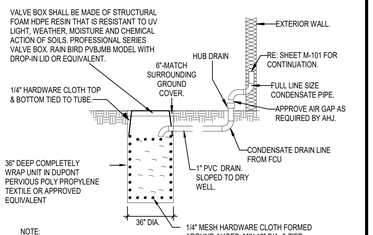
BLOW THRU
1. DIMENSION TO BE 1"
2. DIMENSION TO BE EQUAL TO TOTAL PRESSURE OF UNIT (IN. W.G.)

CONDENSATE TRAP PIPING DETAIL — 8
NOT TO SCALE



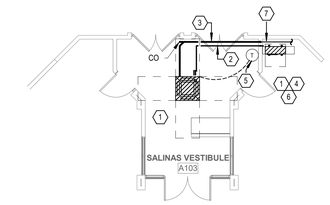
NOTES:
1. REFER TO SPECIFICATIONS FOR SPACING AND VIBRATION ISOLATION REQUIREMENTS.
2. CONTRACTOR SHALL OBTAIN STRUCTURAL ENGINEER APPROVAL FOR ANY AND ALL PIPE MOUNTING DETAILS AT CONCRETE OR STEEL STRUCTURE
3. IF PIPE RUNS PARALLEL WITH STRUCTURE, PROVIDE SECURED UNISTRUT HEADER LAID ACROSS MULTIPLE JOISTS MOUNTED TO JOIST BOTTOM CHORD.
4. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL JOIST REINFORCEMENTS REQUIRED IF PIPE HANGER LOADS DO NOT OCCUR AT JOIST BOTTOM CHORD PANEL POINTS.

PIPE HANGER AND TRAPEZE DETAIL — 7
NOT TO SCALE

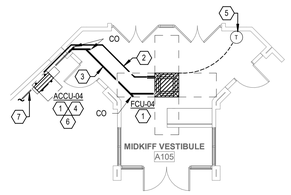


NOTE:
DRY WELL HOLES ARE TO BE BORED

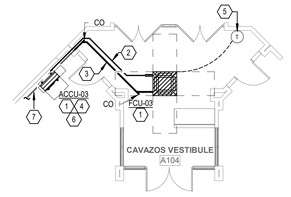
TYP. DRY WELL DETAIL — 6
NOT TO SCALE



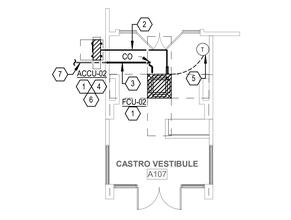
5 LEVEL 1 MECHANICAL PLAN - SALINAS ELEMENTARY
SCALE: 1/8" = 1'-0"



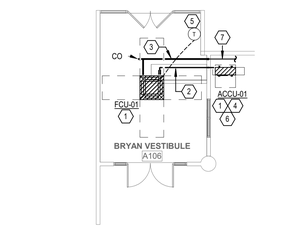
4 LEVEL 1 MECHANICAL PLAN - MIDKIFF ELEMENTARY
SCALE: 1/8" = 1'-0"



3 LEVEL 1 MECHANICAL PLAN - CAVAZOS ELEMENTARY
SCALE: 1/8" = 1'-0"



2 LEVEL 1 MECHANICAL PLAN - CASTRO ELEMENTARY
SCALE: 1/8" = 1'-0"



1 LEVEL 1 MECHANICAL PLAN - BRYAN ELEMENTARY
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1. CONTRACTOR TO FURNISH AND INSTALL MECHANICAL EQUIPMENT AS REQUIRED AND RECOMMENDED BY MANUFACTURER.
2. REFRIGERATION LINES TO BE INSTALLED IN ACCORDANCE TO THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.
3. FULL SIZE CONDENSATE DRAIN LINE TO BE ROUTED DOWN WITHIN WALL. THROUGH EXTERIOR WALL AND TERMINATE IN DRY WELL. OFF-SET PIPING AS REQUIRED. MECHANICAL CONTRACTOR TO COORDINATE INSTALLATION AND EXACT LOCATION OF DRY WELL WITH OWNER REFER TO DETAIL 6/M-101.
4. ROUTE REFRIGERANT FULL LINE SIZE SETS FROM ACCU LOCATED ON CONCRETE PAD TO RESPECTIVE FCU PER MANUFACTURER'S REQUIREMENT AND RECOMMENDATIONS. SUPPORT ALL PIPING AS REQUIRED BY THE LOCAL CODE AND AHJ. RE: SPECIFICATIONS.
5. TEMPERATURE SENSOR. MOUNT SENSOR AT THE SAME ELEVATION AS THE LIGHTS SWITCH.
6. HVAC CONDENSING UNITS TO BE LOCATED ON CONCRETE EQUIPMENT SUPPORT PADS. UNITS TO BE MECHANICALLY FASTED TO THE PADS. PAD SHALL EXTEND 3 INCHES BEYOND EDGE OF EQUIPMENT. PRE-FABRICATED PADS NOT ALLOWED. SUPPORT ALL EQUIPMENT TO STRUCTURE AS REQUIRED BY MANUFACTURER TO WITHSTAND HURRICANE FORCE WINDS PER IBC REQUIREMENTS.
7. FULL SIZE CONDENSATE DRAIN LINE TO BE ROUTED THROUGH EXTERIOR WALL TO DRY WELL. RE: DETAIL 6/M-101. COORDINATE FINAL LOCATION OF DRY WELL WITH THE OWNER. MECHANICAL CONTRACTOR TO FURNISH AND INSTALL THE DRYWELL.

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LANDSCAPE
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MEP
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IRRIGATION
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FOOD SERVICE
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OTHER
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS
100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
JAMES R. PERRON
145042
REGISTERED
PROFESSIONAL ENGINEER

02/03/2023
LEAF ENGINEERS
F-10672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

LEVEL 1 MECHANICAL PLAN - VESTIBULE EXHIBITS

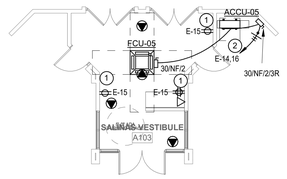
M-101

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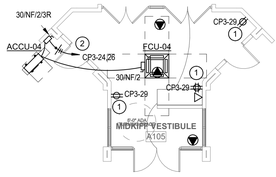
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LEVEL 1 POWER PLAN - VESTIBULE EXHIBITS
E-101
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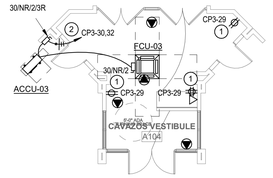
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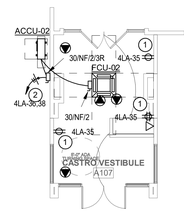
5 LEVEL 1 POWER PLAN - SALINAS ELEMENTARY
SCALE: 1/8" = 1'-0"



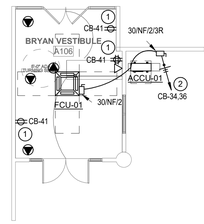
4 LEVEL 1 POWER PLAN - MIDKIFF ELEMENTARY
SCALE: 1/8" = 1'-0"



3 LEVEL 1 POWER PLAN - CAVAZOS ELEMENTARY
SCALE: 1/8" = 1'-0"



2 LEVEL 1 POWER PLAN - CASTRO ELEMENTARY
SCALE: 1/8" = 1'-0"



1 LEVEL 1 POWER PLAN - BRYAN ELEMENTARY
SCALE: 1/8" = 1'-0"

POWER PLAN GENERAL NOTES:

1. FOR EQUIPMENT OR DEVICES SHOWN ON ARCHITECTURAL DRAWINGS THAT REQUIRE POWER AND NOT IDENTIFIED ON ELECTRICAL PLANS, ASSUME AT A MINIMUM A DUPELX OUTLET, A DEDICATED CIRCUIT WITH 2#12,1#12G,3/4"C. WITH HOMERUN TO NEAREST 120/208V PANEL. ITEMS SUCH AS BUT NOT LIMITED TO ROLL DOWN DOORS, COUNTER DOORS, OVERHEAD GRILLES, DISPLAY CASES, HAND DRYERS, WATER COOLERS, ICE MAKERS, GARBAGE DISPOSALS, OSCILLATING FANS, LCD's, PROJECTORS, DISHWASHERS, MOTORIZED PROJECTION SCREENS, ETC.
2. DATA/COMMUNICATION OUTLETS ARE SHOWN ON THIS DRAWING FOR COORDINATION PURPOSES ONLY. PROVIDE AND INSTALL ALL CONDUITS AND BACK BOXES REQUIRED BY LOW VOLTAGE SYSTEMS. COORDINATE WITH TS' DRAWINGS, DETAILS, ETC. AND ARCHITECTURAL DRAWINGS FOR EXACT QUANTITIES, LOCATIONS, AND REQUIREMENTS PRIOR TO ROUGH-IN.
3. CONTRACTOR TO PROVIDE CONNECTION FROM EXHAUST FANS TO ALL MOTORIZED BACKDRAFT DAMPERS AS REQUIRED, COORDINATE WITH MECHANICAL.
4. CONTRACTOR SHALL VISIT THE SITE DURING PREBID MEETING TO FIELD VERIFY EXACT LOCATION OF ELECTRICAL PANELS, TO ENSURE PROPER TAKEOFFS FOR POWER AND LIGHTING AND TO BECOME FAMILIAR WITH THE SCOPE OF WORK PRIOR TO START OF CONSTRUCTION.

POWER KEYNOTES

1. CONTRACTOR SHALL PROVIDE NEW 20A SINGLE POLE BREAKER IN AVALIABLE BREAKER SPACE OF THE EXISTING 208Y/120V PANEL. CONTRACTOR SHALL PROVIDE NEW PATHWAY FOR CONDUIT AND WIRE FROM EXISTING PANEL TO RECEPTACLE LOCATION. WIRING VIA 2#12, 1#12G., 3/4"C. CONTRACTOR SHALL FIELD COORDINATE EXACT ROUTING PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL PROVIDE NEW 30A SINGLE POLE BREAKER IN AVALIABLE BREAKER SPACE OF THE EXISTING 208Y/120V PANEL. CONTRACTOR SHALL PROVIDE NEW PATHWAY FOR CONDUIT AND WIRE FROM EXISTING PANEL TO RECEPTACLE LOCATION. WIRING VIA 2#10, 1#10G., 3/4"C. CONTRACTOR SHALL FIELD COORDINATE EXACT ROUTING PRIOR TO INSTALLATION.

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FOOD SERVICE
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OTHER
CONSULTANT NAME
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS
100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE



02/03/2023
LEAF ENGINEERS
F-16672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

LEVEL 1 POWER PLAN - VESTIBULE EXHIBITS

E-101

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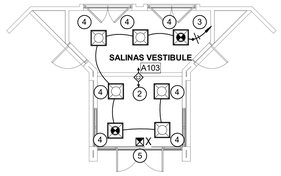
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LEVEL 1 LIGHTING PLAN - VESTIBULE EXHIBITS

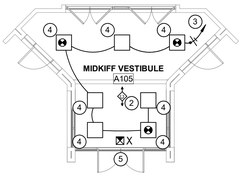
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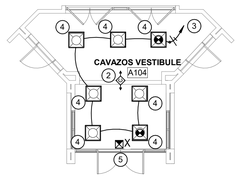
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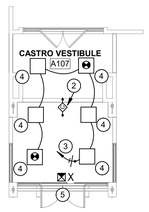
5 LEVEL 1 LIGHTING PLAN - SALINAS ELEMENTARY
SCALE: 1/8" = 1'-0"



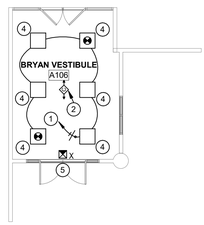
4 LEVEL 1 LIGHTING PLAN - MIDKIFF ELEMENTARY
SCALE: 1/8" = 1'-0"



3 LEVEL 1 LIGHTING PLAN - CAVAZOS ELEMENTARY
SCALE: 1/8" = 1'-0"



2 LEVEL 1 LIGHTING PLAN - CASTRO ELEMENTARY
SCALE: 1/8" = 1'-0"



1 LEVEL 1 LIGHTING PLAN - BRYAN ELEMENTARY
SCALE: 1/8" = 1'-0"

LIGHTING PLAN GENERAL NOTES

1. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES.
2. REFER TO ARCHITECT REFLECTED CEILING PLAN FOR EXACT CEILING TYPE FOR MOUNTING TYPE FOR LIGHT FIXTURES.
3. PROVIDE 20A EMERGENCY LIGHTING BRANCH CIRCUIT(S), 2#10, 1#10G, 3/4"C FROM EMERGENCY PANEL. PROVIDE CONNECTION TO ALL 277V FIXTURES DESIGNATED FOR USE AS EMERGENCY IN THIS AREA. PROVIDE EMERGENCY AUTOMATIC TRANSFER DEVICES FOR ALL LIGHT FIXTURES SHOWN TO BE ON EMERGENCY. PROVIDE 20A UNSWITCHED BRANCH CIRCUIT (2#12, 1#12G, 3/4"C) FROM EMERGENCY PANEL TO ALL EXIT SIGNS IN THIS AREA, SEE PANEL SCHEDULE FOR CIRCUIT NUMBER(S).
4. UNLESS OTHERWISE NOTED, TWO SWITCHES SIDE-BY-SIDE INDICATES MULTI-LEVEL SWITCHING. PROVIDE ONE-PIECE COVER PLATE FOR LIGHT SWITCHES. DESIGNATION NEXT TO SWITCHES INDICATES BRANCH CIRCUIT NUMBER. PROVIDE CONNECTION TO ALL FIXTURES IN THE ROOM.
5. PROVIDE A COMPLETE AND OPERATIONAL SYSTEM OF OCCUPANCY SENSORS FOR ON/OFF CONTROL OF ALL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO POWER PACKS, WIRING, ETC. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. PROVIDE EMERGENCY BATTERY PACKS FOR ALL LIGHTING FIXTURES DESIGNATED TO BE ON EMERGENCY POWER AND EXIT SIGNS. PROVIDE UNSWITCHED HOT TO BATTERY SO THAT LIGHT FIXTURES CAN BE SWITCHED OFF AND ON WITHOUT DRAINING BATTERY. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE 20A UNSWITCHED BRANCH CIRCUIT (2#12, 1#12G, 3/4"C) FROM LIGHTING PANEL TO ALL EXIT SIGNS IN THIS AREA.
7. CONTRACTOR SHALL VISIT THE SITE DURING PREBID MEETING TO FIELD VERIFY EXACT LOCATION OF ELECTRICAL PANELS, TO ENSURE PROPER TAKEOFFS FOR POWER AND LIGHTING AND TO BECOME FAMILIAR WITH THE SCOPE OF WORK PRIOR TO START OF CONSTRUCTION.

LIGHTING KEYNOTES

1. CONTRACTOR SHALL PROVIDE NEW 20A SINGLE POLE BREAKER IN AVALIABLE BREAKER SPACE OF THE EXISTING PANEL LB OR NEAREST 480Y/277V PANEL. CONTRACTOR SHALL PROVIDE NEW PATHWAY FOR CONDUIT AND WIRE FROM EXISTING PANEL TO RECEPTACLE LOCATION. WIRING VIA 2#12, 1#12G., 3/4"C. CONTRACTOR SHALL FIELD COORDINATE EXACT ROUTING PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL INTEGRATE THE NEW OCCUPANCY SENSOR AND NEW LIGHTING FIXTURES IN THIS AREA INTO THE EXISTING CORRIDOR LIGHTING CONTROLS CURRENTLY SERVING THE ADJACENT CORRIDOR.
3. CONTRACTOR SHALL PROVIDE NEW 20A SINGLE POLE BREAKER IN AVALIABLE BREAKER SPACE OF THE EXISTING 480Y/277V PANEL. CONTRACTOR SHALL PROVIDE NEW PATHWAY FOR CONDUIT AND WIRE FROM EXISTING PANEL TO RECEPTACLE LOCATION. WIRING VIA 2#12, 1#12G., 3/4"C. CONTRACTOR SHALL FIELD COORDINATE EXACT ROUTING PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL PROVIDE NEW 2X2 FIXTURE CATALOG# (2-FPX-G-X-45L-840-2-RS-UNV-DIM) OR EQUIVALENT. PROVIDE EMERGENCY POWER PACK TO DESIGNATED FIXTURES ON PLAN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, FINISH, AND MOUNTING PRIOR TO INSTALLATION.
5. CONTRACTOR SHALL PROVIDE NEW EXIT SIGN FIXTURE CATALOG# (VERWEM) OR EQUIVALENT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, FINISH, AND MOUNTING PRIOR TO INSTALLATION.

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OTHER
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

99

Mission CISD

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61522
PROFESSIONAL ENGINEER

02/03/2023
LEAF ENGINEERS
F-18672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

LEVEL 1 LIGHTING PLAN - VESTIBULE EXHIBITS

E-201

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ELECTRICAL SYMBOL LEGEND AND CONTACTOR SCHEDULE

E-601

FOR BLUEBEAM LABELING/OCR:

100% CD SET

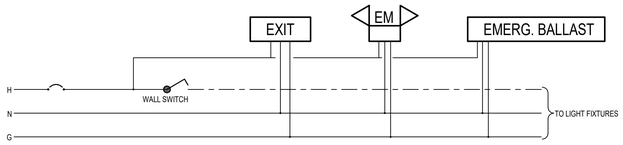
GENERAL ELECTRICAL REMODEL NOTES

1. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT, ELECTRICAL OUTLETS SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:

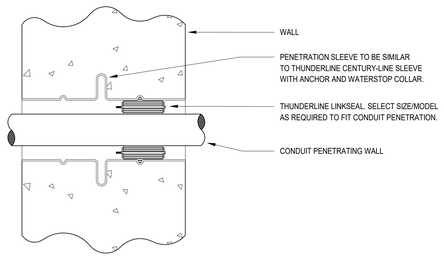
WALL SWITCHES	*
WALL CONVENIENCE RECEPTACLES	15" AFF TO BOTTOM OF BOX
WALL DATA/VOICE OUTLETS	15" AFF TO BOTTOM OF BOX
WALL OUTLETS FOR WALL MTD. TELEPHONE	*
WALL CLOCK OUTLETS	7'-0" AFF (OR ABOVE CHALKBOARDS WHERE REQUIRED)*
MANUAL FIRE ALARM PULL STATIONS	*
FIRE ALARM SPEAKER/HORN	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
INTERIOR BELLS,BUZZERS, HORNS	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
SPECIAL PURPOSE WALL OUTLETS	15" AFF TO BOTTOM OF BOX (OR HIGHER AS REQUIRED TO SERVE EQUIPMENT)
PUSH BUTTONS	
ADA VISUAL ALARM	80" AFF TO BOTTOM OF LENS OR 6" BELOW CEILING, WHICHEVER IS LOWER. ENTIRE LENS TO BE WITHIN 80" TO 96" AFF*
	* TOP OF BOX SHALL BE 42" AFF MAX. FOR WHEELCHAIR FRONTAL APPROACH AND 48" AFF MAX. FOR SIDE APPROACH. VERIFY EXACT HEIGHT WITH ARCHITECT
	* 7'-0" AFF TO BOTTOM OF DEVICE IF DEVICE PROTRUDES MORE THAN 4" FROM WALL (PER ADA)

AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE

2. UNLESS SPECIFICALLY INDICATED ON THE ELECTRICAL DRAWINGS, OUTLETS LOCATED AT COUNTERS AND CABINETS SHALL BE MOUNTED AS SHOWN ON ARCHITECTURAL DETAILS AND ELEVATIONS, OR AS DIRECTED BY ARCHITECT.
3. COORDINATE MOUNTING HEIGHTS AND DETAILS OF ALL OUTLETS (POWER, SIGNAL, ETC.) WITH ARCHITECTURAL CASEWORK DRAWINGS PRIOR TO DIVISION 26 ROUGH-IN. PROVIDE COORDINATION DRAWINGS IN ACCORDANCE WITH DIVISION 26 SPECIFICATIONS WHERE CONFLICTS EXIST. OBTAIN APPROVAL FROM ARCHITECT BEFORE ELECTRICAL ROUGH-IN WHEN CONFLICTS ARISE.
4. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL HVAC AND PLUMBING EQUIPMENT.
5. CIRCUITING
   - A. BRANCH CIRCUITING IS SCHEMATIC IN NATURE AND IS INTENDED TO INDICATE CIRCUIT LOADING AND CONTROL, NOT METHODS OF INSTALLATION. REFER TO SPECIFICATIONS FOR METHODS OF INSTALLATION AND MATERIALS, INCLUDING WHETHER OR NOT BX IS ALLOWED AND WHETHER "THROUGH-FIXTURE" OR "OCTOPUS (EMT WITH FLEXIBLE WHIPS)" TYPE LIGHTING BRANCH CIRCUITING IS REQUIRED.
   - B. WHERE WIRE SIZE AND CONDUIT SIZE IS NOT INDICATED ON THE DRAWINGS AND/OR PANEL SCHEDULES, REFER TO SPECIFICATIONS FOR MINIMUM SIZE REQUIRED.
   - C. BRANCH CIRCUITS ON THE DRAWINGS ARE GENERALLY NOT SHOWN GROUPED IN SINGLE RACEWAYS. HOWEVER, GROUPING IS ALLOWED UNDER CERTAIN CONDITIONS. REFER TO DIVISION 26 SPECIFICATIONS UNDER SECTION ENTITLED "ELECTRICAL WIRING" FOR REQUIREMENTS.
   - D. THE DRAWINGS GENERALLY INDICATE QUANTITY OF CONDUCTORS ON BRANCH CIRCUIT HOME RUNS ONLY. ELSEWHERE WITHIN CIRCUITS, PROVIDE QUANTITY OF CONDUCTORS AS NEEDED TO ACCOMPLISH CIRCUITING AND SWITCHING REQUIREMENTS SHOWN.
6. WHEN REMOVING EXISTING ELECTRICAL WORK WHERE OTHER ITEMS REMAIN ON THE SAME CIRCUIT, THE CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO MAINTAIN CIRCUIT CONTINUITY.
7. ALL ITEMS NOTED TO BE REMOVED ARE TO REMAIN THE PROPERTY OF THE OWNER; HOWEVER, CONTRACTOR SHALL REMOVE FROM JOB SITE ALL MATERIAL NOT RETAINED BY OWNER.
8. FIELD VERIFY CONDITION OF, AND MODIFICATIONS AND ADDITIONS TO, ALL EXISTING ELECTRICAL FIXTURES, PANELS, WIRING, ETC.
9. WHERE DOORS ARE ADDED, OR PORTIONS OF WALLS REMOVED, CONTRACTOR SHALL REMOVE OR RELOCATE ALL ELECTRICAL WORK NECESSARY FOR THE REMODELING MODIFICATION, WHETHER OR NOT THIS WORK IS NOTED ON PLANS.
10. WHERE EXISTING JUNCTION BOXES ARE COVERED OR REMOVED, CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO COMPLY WITH NEC 314-19.
11. EXISTING ELECTRICAL BOXES TO REMAIN IN AREAS WHERE NEW WALL FINISHES ARE TO BE APPLIED SHALL BE RESET AS NECESSARY TO PROVIDE FLUSH MOUNTING FOR BOXES.
12. CONTRACTOR SHALL FIELD VERIFY EXISTING BRANCH CIRCUIT LOADING WHEN MAKING MODIFICATIONS AND/OR ADDITIONS TO THAT CIRCUIT. IF NEW WORK WOULD OVERLOAD EXISTING CIRCUIT, CONTRACTOR SHALL LOCATE ANOTHER EXISTING CIRCUIT (THE CLOSEST), WHICH WOULD NOT BE OVERLOADED UPON ADDING NEW LOAD, AND SHALL TIE NEW LOAD INTO THAT CIRCUIT.
13. WHEN EXISTING ELECTRICAL WORK IS REMOVED, ALL EXPOSED CONDUIT, WIRING, CONTROL AND JUNCTION BOXES ALONG WALLS, FLOOR, AND CEILING SHALL BE REMOVED. BRANCH CIRCUIT WIRES SHALL BE REMOVED BACK TO CIRCUIT BREAKER(S). BLANK COVER PLATES SHALL BE PROVIDED FOR RECESSED BOXES. WHERE THIS WORK IS DONE, THE WALLS, FLOOR, AND CEILING SHALL BE PATCHES AS NECESSARY UNDER WORK COVERED IN OTHER SECTIONS.
14. EXISTING RECESSED INCANDESCENT AND HID LUMINAIRES DESIGNATED FOR TEMPORARY REMOVAL AND RE-USE SHALL BE STORED. ALL SUCH LUMINAIRES NOT THERMALLY PROTECTED PER NEC 410-118 AND 410-130(F) ARE NOT SUITABLE FOR RE-USE AND SHALL BE GIVEN TO THE OWNER. PROVIDE NEW REPLACEMENT LUMINAIRES WITH UL THERMAL PROTECTION, IDENTICAL APERTURE, EQUIVALENT PHOTOMETRICS AND NEW LAMPS.
15. CONTRACTOR TO REFER TO ARCHITECTURAL DEMOLITION PLANS AND PHASING PLANS AND HAVE A GOOD UNDERSTANDING OF SCOPE OF PROJECT PRIOR TO COMMENCEMENT OF WORK.
16. LUMINAIRE SUPPORT IN SUSPENDED CEILINGS:
   - A. PROVIDE MEANS OF SUPPORT FOR LUMINAIRES PER NEC 410-16. T BAR CLIPS SHALL BE INSTALLED ON THE LUMINAIRE AND SHALL BE FIELD SECURED TO THE INVERTED CEILINGS TEES SO THAT THE LUMINAIRE IS SECURELY FASTENED TO THE CEILING SYSTEM FRAMING MEMBERS.
   - B. CEILING TILES SHALL NOT BEAR THE WEIGHT OF LUMINAIRES. SURFACE MOUNT LUMINAIRES, RECESSED DOWNLIGHTS, LIGHT TRACK, EXIT SIGNS, ETC. SHALL BE SUPPORTED BY PROPER FRAMES OR OTHER ATTACHMENT TO MAIN CEILING SYSTEM GRID OR BUILDING STRUCTURE ABOVE CEILING.
   - C. LUMINAIRES SHALL BE CENTERED IN CEILING TILE.
   - D. LUMINAIRE SHALL HAVE FLANGE OR TRIM RING FOR CLOSURE OF CEILING CUTOUT OR OPENING.
   - E. FIRE-RATED CEILING ASSEMBLY: FOR LUMINAIRES TO BE FLUSH-MOUNTED INTO A FIRE-RATED CEILING OR SURFACE MOUNTED TO A FIRE-RATED CEILING, INSTALL WITH INDEPENDENT, SECURE SUPPORT, RACEWAY, CABLE ASSEMBLIES BOXES AND FITTINGS LOCATED ABOVE A FIRE-RATED FLOOR/CEILING OR ROOF CEILING ASSEMBLY SHALL NOT BE SECURED TO, OR SUPPORTED BY, THE CEILING ASSEMBLY INCLUDING CEILING SUPPORT WIRES. PROVIDE AN INDEPENDENT MEANS OF SECURE SUPPORT. INDEPENDENT SUPPORT WIRES SHALL BE DISTINGUISHABLE BY COLOR, TAGGING, OR OTHER EFFECTIVE MEANS FROM THOSE THAT ARE PART OF THE FIRE-RATED DESIGN.
17. CONTRACTOR SHALL FIELD VERIFY ANY EXISTING UNDERGROUND PIPING, WIRING, OR OTHER FACILITIES PRIOR TO TRENCHING, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY INSTALLATION OF NEW WORK.
18. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION, NEC, AND STATE AND LOCAL CODES AND AMENDMENTS.



1 **EMERGENCY FIXTURE WIRING DIAGRAM**
SCALE: NONE



2 CONDUIT PENETRATION DETAIL - EXTERIOR WALL
NOT TO SCALE

ELECTRICAL SYMBOL LEGEND

1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.
2. DASHED ELEECTRICAL EQUIPMENT GENERALLY INDICATES EXISTING EQUIPMENT.
3. LONG-SHORT-SHORT-LONG DASHING GENERALLY INDICATES MATCH LINE OR DEFINES AREA FOR SPECIAL NOTE.

CIRCUIT RELATED:

- LIGHTING OR POWER CIRCUIT(S). ARROW INDICATES HOME RUN, LONGER TICK(S) INDICATE NEUTRAL WIRE(S), SHORTER STRAIGHT TICK(S) INDICATE PHASE WIRE(S), SLANTED SHORTER TICK(S) INDICATE SWITCH LEG(S), DOT(S) INDICATE GROUNDING CONDUCTOR(S), DASHED WIRING (LONG-SHORT-LONG DASHES) INDICATES WIRING BELOW SLAB OR GRADE, DASHED WIRING (SERIES OF SHORT DASHES) INDICATES EXISTING WIRING, SLASH THROUGH ARROW INDICATES PARTIAL CIRCUIT, "D" ON HOMERUN ARROW INDICATES DEDICATED CIRCUIT: PROVIDE A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR FOR ENTIRE LENGTH OF CIRCUIT FROM PANEL TO OUTLET; COUNT EACH NEUTRAL AS CURRENT-CARRYING AND GROUP A MAXIMUM OF SIX THHN/THWN CONDUCTORS IN A SINGLE RACEWAY; GROUNDING CONDUCTOR IS NOT COUNTED
- J — JUNCTION BOX
- GROUNDING FIXTURE

LIGHTING:

- LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, CROSS HATCHING INDICATES FIXTURE ON EMERGENCY SYSTEM; FOR SOLID CIRCLE WITHIN FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- STRIP TYPE LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE ATTACHED TO FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- DESIGNATES FIXTURE ON EMERGENCY POWER. RE: LIGHTING PLAN NOTES AND FIXTURE SCHEDULE NOTES FOR ADDITIONAL INFORMATION
- WALL OR BRACKET MOUNTED FIXTURE OR DEVICE
- EXIT LIGHT FIXTURE. LETTER INDICATES TYPE, NUMBER INDICATES CIRCUIT, NUMBER AND LOCATION OF SHADED TRIANGLE SECTIONS INDICATE NUMBER OF EXIT SIGN FACES AND DIRECTION OF EACH FACE. PROVIDE CHEVRON DIRECTIONAL INDICATORS AS SHOWN ON DRAWINGS.

CONTROL:

- $ — SWITCH. SMALL LETTER INDICATES FIXTURES CONTROLLED, "P" INDICATES PILOT LIGHT, "WP" INDICATES WEATHERPROOF, "K" INDICATES KEY POERATED, "MO" INDICATES SPDT MOMENTARY CONTACT, "2" INDICATES DPDT, "3" INDICATES 3-WAY, "4" INDICATES 4-WAY, "M" INDICATES MANUAL MOTOR STARTER, CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER
- $D — WALL BOX DIMMER SWITCH. "MARK" INDICATES WATTAGE IF OTHER THAN 600, "3D" INDICATES 3-WAY DIMMER
- $$ — MULTI-LEVEL SWITCH. CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER
- $T — DIGITAL TIME SWITCH
- PC — PHOTOELECTRIC CONTROL
- EPO — EMERGENCY POWER OFF (EPO) PUSHBUTTON
- PUSH BUTTON
- $OC — WALL MOUNT OCCUPANCY SENSOR
- DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR
- CR — CEILING MOUNTED RESTROOM OCCUPANCY SENSOR
- CC — CEILING MOUNTED CORRIDOR OCCUPANCY SENSOR
- HB — CEILING MOUNTED HIGH CEILING OCCUPANCY SENSOR

POWER OUTLETS:

- 20A-125V DUPLEX RECEPTACLE
- GF — 20A-125V GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. "WP" INDICATES WEATHER PROOF DEVICE
- 20A-125V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP. REFER TO ARCHITECT FOR EXACT HEIGHT ABOVE COUNTER
- $_{C}$ — 20A-125V CONTROLLED DUPLEX RECEPTACLE
- IG — 20A-125V ISOLATED GROUND TYPE DUPLEX RECEPTACLE
- $_{DH}$ — 20A-125V DUPLEX TAMPER RESISTANT RECEPTACLE WITH (2) USB CHARGING PORTS
- 20A-125V FOURPLEX RECEPTACLE. SAME SYMBOLOGY AS DUPLEX RECEPTACLE
- SPECIAL PURPOSE SINGLE POWER RECEPTACLE. RATED AS INDICATED (IF NO RATING INDICATED, RECEPTACLE RATING SHALL MATCH BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE AND SHALL MEET REQUIREMENTS OF EQUIPMENT BEING CONNECTED), "C" INDICATES CLOCK OUTLET
- 20A-125V FLUSH FLOOR DUPLEX RECEPTACLE. 20A WHEN INDICATED OR IF BRANCH CIRCUIT SERVES ONLY SINGLE DUPLEX. PROVIDE CARPED FLANGE WHERE APPLICABLE
- LC1-X — CIRCUIT DESIGNATION NEXT TO RECEPTACLE DEVICES INDICATES BRANCH CIRCUIT NUMBER. RE: PANEL SCHEDULES FOR INFORMATION.

TELEPHONE/DATA:

- FLUSH FLOOR TELEPHONE OUTLET WITH CARPET FLANGE WHERE APPLICABLE
- WALL COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS
- FLUSH FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE
- SURFACE FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE

EQUIPMENT:

- +42" — A NOTATION INDICATING THE MOUNTING HEIGHT OF A DEVICE AS MEASURED FROM FINISHED FLOOR OR GRADE TO CENTER LINE OF DEVICE
- MOTOR
- DISCONNECT SWITCH. FRAME SIZE/FUSE SIZE/POLES AS INDICATED, "NF" INDICATES NON-FUSIBLE. NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED. PROVIDE FUSED BUSWAY PLUG WHEN SWITCH IS INDICATED ON BUSWAY. ALL DISCONNECT SWITCHES SHALL BE 30/NF/3 UNLESS OTHERWISE NOTED
- SINGLE CIRCUIT BREAKER IN INDIVIDUAL ENCLOSURE
- MAGNETIC MOTOR CONTROLLER. NUMBER INDICATES NEMA SIZE. STARTER NEMA SIZE SHALL BE "NEMA 1" UNLESS OTHERWISE NOTED
- COMBINATION DISCONNECT SWITCH / MOTOR CONTROLLER
- CONTACTOR
- PANELBOARD
- SWITCHBOARD / DP
- T — TRANSFORMER
- GROUNDING CONNECTION TO GROUNDING ELECTRODE AS DEFINED IN NEC ARTICLE 250
- BELL. "WP" INDICATED OUTDOOR RATED

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OTHER
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
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02/03/2023
LEAF ENGINEERS
F-10672

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MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

ELECTRICAL SYMBOL LEGEND AND CONTACTOR SCHEDULE

E-601

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TECHNOLOGY SYSTEM NOTES AND LEGENDS

T-001

FOR BLUEBEAM LABELING OOR:

100% CD SET

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FIRE ALARM LEGEND

GROUP	SYMBOL	DESCRIPTION
DEVICES		FOOT ADDED TO ANY SYMBOL INDICATES WALL MOUNTED.
	F	MANUAL FIRE ALARM PULL STATION. INSTALL AT 48" A.F.F. PROVIDE STOPPER II COVER WITH HORN.
	F	FIRE ALARM SPEAKER OR HORN. PROVIDE WEATHER RESISTANT MODELS FOR DEVICES INSTALLED ON THE EXTERIOR.
		COMBINATION SPEAKER / STROBE. PROVIDE WEATHER RESISTANT MODELS FOR DEVICES INSTALLED ON THE EXTERIOR.
		VISUAL ALARM STROBE.
	S	SMOKE DETECTOR. NO SUBSCRIPT INDICATES IONIZATION TYPE; "P" INDICATES PHOTOELECTRIC TYPE; "D" INDICATES DUCT TYPE AND PHOTOELECTRIC.
		HEAT DETECTOR; COMBINATION RATE OF RISE AND FIXED TEMPERATURE. "F" INDICATES FIXED TEMPERATURE ONLY; "R" INDICATES RATE OF RISE ONLY. "C" INDICATES RATE COMPENSATION TYPE.
	CO	CARBON MONOXIDE DETECTOR.
	B	BEAM SMOKE DETECTOR. "T" INDICATES TRANSMITTER. "R" INDICATES RECEIVER.
	T	FIRE FIGHTER'S TELEPHONE JACK. "H" INDICATES PERMANENT EMERGENCY TELEPHONE HANDSET.
	R	AUXILIARY CONTROL RELAY. "2" INDICATES TWO RELAYS REQUIRED FOR FIRE FIGHTER OVERRIDE CONTROL.
	D	FIRE/SMOKE DUCT DAMPER WITH MOTOR ACTUATOR (BY DIV. 15). PROVIDE FIRE ALARM CONTROL RELAYS AND ADDRESSABLE MODULE.
	FTC	TERMINAL CABINET FOR FIRE ALARM SYSTEM WIRING.
	FACP	FIRE ALARM CONTROL PANEL. INSTALL AT 58" TO CENTER OF PANEL / 72" TO TOP OF PANEL.
	FAA	FIRE ALARM ANNUNCIATOR PANEL.
	FTR	FIRE ALARM TRANSPONDER.
	GV	SPRINKLER SYSTEM GATE VALVE MONITOR SWITCH.
	FS	SPRINKLER SYSTEM WATER FLOW SWITCH.
	TS	TAMPER SWITCH.
	CV	SPRINKLER SYSTEM ALARM CHECK VALVE.
	B	SPRINKLER SYSTEM ELECTRIC ALARM BELL.
	PA	SPRINKLER SYSTEM PRE-ACTION CONTROL PANEL.
	DH	DOOR HOLDER.
	RM	REMOTE MICROPHONE MODULE.
	MM	MONITOR MODULE

NOTE:
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL-MOUNTED DEVICE MOUNTING HEIGHTS AND BACK BOX REQUIREMENTS.
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.
4. CONTRACTOR SHALL PROVIDE BEAM SMOKE DETECTORS IN ALL HIGH CIELING AREAS AS REQUIRED BY CODE.

SEQUENCE OF OPERATIONS

1. WHEN A FIRE ALARM CONDITION IS DETECTED BY ANY OF THE SYSTEM ALARM INITIATING DEVICES THE CONTROL PANEL MUST RESPOND WITHIN 3 SECONDS, THE FOLLOWING FUNCTIONS OCCUR:
   - A. THE SYSTEM COMMON ALARM LED ON THE CPU MODULE SHALL FLASH. THE INTERNAL AUDIBLE TROUBLE DEVICE SHALL SOUND. ACKNOWLEDGEMENT OR SILENCING THE ALARM CONDITION SHALL SILENCE THE ALARM SIGNALS AND CAUSE FLASHING ALARM LED's TO ILLUMINATE STEADY.
   - B. AN BACK-LIT LCD DISPLAY SHALL INDICATE ALL APPLICABLE INFORMATION ASSOCIATED WITH THE ALARM CONDITION INCLUDING: ZONE, DEVICE TYPE, DIVIDE LOCATION AND TIME OF ALARM. LOCATION AND ZONING MESSAGES SHALL BE CUSTOM FIELD PROGRAMMED TO RESPECTIVE PREMISES. THE ALARM INFORMATION MUST BE STORED IN EVENT MEMORY FOR LATER REVIEW. EVENT MEMORY MUST BE AVAILABLE AT THE MAIN AND ALL REMOTE ANNUNCIATORS.
   - C. ANY REMOTE OR LOCAL ANNUNCIATOR LED's ASSOCIATED WITH THE ALARM ZONE SHALL BE ILLUMINATED AS HEREIN SPECIFIED.
   - D. A THREE CHANNEL DIGITAL ALARM COMMUNICATOR SHALL BE INTEGRALLY PROVIDED AND TRANSMIT TROUBLE AND ALARM SIGNALS TO AN APPROVED REMOTE STATION, (REMOTE STATION CONNECTION AND SERVICE PROVIDED BY OWNER).
   - E. WHEN THE ALARMED DEVICE IS RESTORED TO NORMAL, THE CONTROL PANEL SHALL BE REQUIRED TO BE MANUALLY RESET TO CLEAR THE ALARM CONDITION, EXCEPT THAT THE ALARMS MAY BE SILENCED AS PROGRAMMED.
   - F. AN ALARM SHALL BE SILENCED BY A CODE OR FIREFIGHTER KEY AT THE MAIN OR REMOTE ANNUNCIATORS. WHEN SILENCED, THIS SHALL NOT PREVENT THE RESOUNDING OF SUBSEQUENT EVENTS IF ANY OTHER EVENT SHOULD OCCUR, (SUBSEQUENT ALARM FEATURE). WHEN ALARMS ARE SILENCED THE SILENCED LED ON THE CONTROL PANEL AND ON ANY REMOTE ANNUNCIATORS SHALL REMAIN LIT UNTIL THE ALARMED DEVICE IS RETURNED TO NORMAL.
   - G. ALL AUTOMATIC EVENTS PROGRAMMED TO THE ALARM POINT SHALL BE EXECUTED AND THE ASSOCIATED INDICATING DEVICE AND/OR OUTPUTS ACTIVATED. AS EACH INDICATING CIRCUIT OR CONTROL RELAY IS ACTIVATED, ITS ASSOCIATED "ON" LED SHALL BE ILLUMINATED.
   - H. ACTIVATE ALL AUDIBLE/VISUAL ALARM DEVICES.
   - I. DE-ACTIVATE HVAC SYSTEMS OVER 2000 CFM.
   - J. DISPLAY SYSTEM STATUS CHANGES ON THE REMOTE ANNUNCIATOR(S).
   - K. RELEASE ALL SMOKE DOOR, FIRE DOORS, FIRE COILING DOORS, FIRE SMOKE DAMPERS AND FIRE SHUTTERS.

GENERAL FIRE ALARM NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE FIRE ALARM SYSTEMS SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. THE INSTALLING CONTRACTOR OF EACH SYSTEM SHALL BE RESPONSIBLE FOR PROVIDING THEIR OWN 120V POWER REQUIREMENTS FOR ALL REMOTE POWER SUPPLIES. THE GENERAL CONTRACTOR'S LICENSED ELECTRICAL SUBCONTRACTOR SHALL COORDINATE ELECTRICAL PANEL LOCATIONS AND AVAILABLE SPACE DEDICATED FOR THE CONTRACTOR'S SYSTEM REQUIREMENTS. (TYPICAL) ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TOMAIN CONTROL PANELS AND ALL HEAD END EQUIPMENT. SYSTEM INSTALLERS SHALL COORDINATE LOCATION AND CONNECTION OF CONTROL PANEL AND HEAD END POWER WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
2. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT OR AS NOTED IN NFPA, FIRE ALARM DEVICES SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. VERIFY EXACT HEIGHT WITH ARCHITECT. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:
   - A. MANUAL FIRE PULL STATIONS - MOUNT AT 42" AFF TO THE TOP OF BOX FOR FRONTAL WHEELCHAIR APPROACH; AND 48" AFF FOR SIDE WHEELCHAIR APPROACH. PULL STATIONS SHALL BE LOCATED THROUGHOUT THE PROTECTED AREA SO THAT THEY ARE UNOBSTRUCTED AND ACCESSIBLE; MOUNT WITHIN 5 FT. OF THE EXIT DOORWAY OPENING AT EACH EXIT ON EACH FLOOR; MOUNT ON BOTH SIDES OF GROUP OPENINGS OVER 40 FT. IN WIDTH. ADDITIONAL
   - B. FIRE ALARM AUDIBLE DEVICES - IF CEILING HEIGHTS ALLOW, WALL-MOUNTED APPLIANCES SHALL HAVE THEIR TOPS ABOVE THE FINISHED FLOORS AT HEIGHTS OF NOT LESS THAN 90 IN. AND BELOW THE FINISHED CEILINGS AT HEIGHTS OF NOT LESS THAN 6 IN. THIS REQUIREMENT SHALL NOT PRECLUDE CEILING-MOUNTED OR RECESSED APPLIANCES. COMPLY WITH NFPA 72, CHAPTER 4.
   - C. SOUND PRESSURE LEVEL SHALL EXCEED THE PREVAILING EQUIVALENT SOUND IN THE ROOM BY AT LEAST 15 dbA OR EXCEED ANY MAX SOUND LEVEL WITH A DURATION OF 60 SECONDS BY 5 dbA, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 dbA.
3. FIRE ALARM VISUAL DEVICES SHALL COMPLY WITH NFPA 72, CHAPTER 4.
   - A. VISUAL APPLIANCES CANDELA SHALL BE THE HIGHEST VALUE ALLOWED BY NFPA TABLE IN ORDER TO INSTALL THE FEWEST NUMBER OF STROBES.
   - B. THE LAMP SHALL BE XENON STROBE TYPE OR EQUIVALENT.
   - C. THE COLOR SHALL BE CLEAR OR NOMINAL WHITE.
   - D. THE MAX. PULSE DURATION SHALL BE TWO TENTHS OF ONE SECOND (0.2 SEC) WITH A MAX. DUTY CYCLE OF 40%. THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL POINTS OF 10% MAX. SIGNAL.
   - E. THE INTENSITY SHALL BE A MINIMUM 0F 75 CANDELA.
   - F. THE FLASH RATE SHALL BE A MIN. OF 1Hz AND MAX. OF 3Hz.
4. VISUAL APPLIANCES SHALL BE PLACED 80" ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6" BELOW THE CEILING, WHICHEVER IS LOWER. CEILING MOUNTED WERE INDICATED.
5. AT A MINIMUM, VISUAL SIGNALS APPLIANCES SHALL BE PROVIDED IN BUILDINGS AND FACILITIES IN EACH OF THE FOLLOWING AREAS: HALLWAYS, LOBBIES, AND ANY OTHER GENERAL USAGE AREAS.
6. ALL EQUIPMENT AND WORK PERFORMED SHALL COMPLY WITH ALL OF THE CURRENT AND APPLICABLE CODES, RULES, ORDINANCES, REGULATIONS, AND STANDARDS AS INTERPRETED AND ENFORCED BY THE AUTHORITIES HAVING JURISDICTION.
7. PROVIDE POWER FOR REMOTE BATTERY SUPPLIES AND BOOSTER PANELS AS NEEDED. FIRE ALARM CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR CIRCUIT.
8. ALL FIRE ALARM WIRING SHALL ROUTE DOWN CORRIDORS AND WALKWAYS PARALLEL AND PERPENDICULAR TO BUILDING WALLS.
9. ALL FIRE ALARM CABLING SHALL BE SUPPORTED IN DEDICATED CABLE SUPPORTS. DO NOT ROUTE IN OR TIE-WRAP DIRECTLY TO THE BUILDING'S STRUCTURE.
10. CONTRACTOR TO INSTALL RELAYS IN ALL KITCHEN HOOD ANSUL SYSTEMS TO NOTIFY MAIN FIRE ALARM PANEL UPON ACTIVATION.
11. ALL NOTIFICATION APPLIANCE CIRCUIT CABLES AND ALL OTHER FIRE ALARM SYSTEM CABLE SHALL HAVE A RED OUTER JACKET.
12. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ANY CONDUITS AND/OR BOXES REQUIRED FOR THE INSTALLATION FIRE ALARM DEVICES.
13. PROVIDE AND INSTALL PROTECTIVE BUSHINGS ON ALL STUB-OUTS AND SLEEVES TO PREVENT CABLE DAMAGE. BUSHINGS TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED.
14. PROVIDE AND INSTALL STOPPER II PROTECTIVE COVERS WITH A LOCAL ALARM FOR ALL MANUAL PULL STATIONS ON THE ENTIRE PROJECT.
15. CONTRACTOR TO PROVIDE CEILING MOUNTED LED NOTIFICATION DEVICES WITH TEST BUTTON FOR ALL DUCT DETECTORS THAT ARE MOUNTED ABOVE CEILING AND/OR IN LOCATIONS NOT VISIBLE FROM THE FLOOR.
16. ALL FIRE ALARM DEVICES ARE NEW UNLESS NOTED OTHERWISE. CONTRACTOR TO CONNECT NEW DEVICES TO NEW FIRE ALARM PANEL AND CONFIGURE PANEL FOR NEW DEVICES AND LAYOUT.
17. CONTRACTOR SHALL PROVIDE AND INSTALL A RELAY FOR EACH FIRE/SMOKE DAMPER ON PROJECT. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
18. CONTRACTOR SHALL PROVIDE DUCT DETECTORS ON ALL AIR HANDLING UNITS RATED ABOVE 2,000 CFM AND PER NFPA. PROVIDE DUCT DETECTORS IN BOTH THE HOT AND COLD DECK ON ALL DUAL DUCT AHUs. REFER TO MECHANICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.
19. CONTRACTOR SHALL PROVIDE ALL CABLING AND DEVICES REQUIRED TO PROVIDE THE SHUT-DOWN OF ALL HVAC AIR HANDLING UNITS UPON THE FIRE ALARM SYSTEM ENTERING ALARM STATE AND START UP OF ALL AIR HANDLING UNITS UPON THE FIRE ALARM SYSTEM BEING RESET TO A NON-ALARM STATE.
20. CONTRACTOR SHALL PROVIDE ALL REQUISITE FIRE ALARM MODULES AND CABLING AS REQUIRED TO PROVIDE CONTROL OF THEATER / AUDITORIUM HOUSE LIGHTS IN ORDER TO BRING THE LIGHTS UP TO 100% IN AN ALARM EVENT. COORDINATE WITH OTHER TRADES.
21. PROVIDE MOUNTING SUPPORT FROM GRID OR BUILDING STRUCTURE FOR ALL DEVICES INSTALLED IN LAY-IN CEILING TILE.
22. ALL 120V POWER FOR THE SYSTEMS SHALL BE INSTALLED WITHIN THE ENCLOSURE OR INSTALLED IN CONDUIT CONNECTED TO THE ENCLOSURE SO THAT NO CABLING IS EXPOSED. MC CABLE, ROMEX, SO CABLES OR OTHER METHODS ARE NOT ACCEPTABLE.

TECHNOLOGY PLAN GENERAL NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE TELECOMMUNICATION, NETWORK, AUDIO/VIDEO, SECURITY AND FIRE ALARM EQUIPMENT SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHERE POSSIBLE. CONTRACTOR SHALL COORDINATE AND INSTALL ALL 120V POWER REQUIREMENTS AND LOCATIONS AS REQUIRED FOR ALL EQUIPMENT (TYPICAL).
2. CONTRACTOR SHALL COORDINATE WITH THE TECHNOLOGY CONSULTANT PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT WRITTEN APPROVAL OF THE TECHNOLOGY CONSULTANT.
3. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUITS, PULL STRINGS, BACK BOXES AND SLEEVES REQUIRED FOR DEVICES AND PATHWAYS SHOWN ON THE FLOOR PLANS AND DETAIL SHEETS. ANY ADDITIONAL CONDUITS, SLEEVES, AND RACEWAY REQUIREMENTS FOR EACH SYSTEM SHALL BE THE RESPONSIBILITY OF EACH SYSTEM INSTALLER.
4. THE SELECTED, INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
5. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH ENGINEERING BEST PRACTICES AS ESTABLISHED BY ANSI/EIA/TIA, BICSI, AND THE NEC.
6. ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
7. ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA ACCESSIBILITY STANDARDS.
8. ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM AC POWER CABLES AND ALL OTHER LOW VOLTAGE CABLING IN ANY PARALLEL OPEN WIRE RUN.
9. ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
10. ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER THE TECHNOLOGY DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE/OUTLET IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND CONSULTANT.
11. CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS AND EXTERIOR MOUNTED DEVICES.
12. ALL EXPOSED CABLING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON PLENUM-RATED CABLING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
13. NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING METHODS.
15. CONTRACTOR SHALL ROUTE ALL LOW VOLTAGE CABLING DOWN CORRIDORS AND PERPENDICULAR OR PARALLEL TO BUILDING WALLS. ENTER INTO ALL ROOMS FROM THE CORRIDOR ABOVE THE MAIN DOORWAY.
16. ALL COMMUNICATION CABLE INSTALLED SHALL ROUTE TO THE CENTER OF THE ROOM IN WHICH IT SERVES AND THEN TO THE OUTLET LOCATION IT IS INTENDED FOR. EACH CABLE SHALL HAVE A 10' SERVICE LOOP AT THE CENTER OF EACH ROOM AND A 3' SERVICE LOOP ABOVE EACH OUTLET LOCATION.
17. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM A MINIMUM OF J-HOOK CABLE SUPPORT SYSTEM OR OTHER SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. CABLING SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. IN LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING IN ANY LOCATION.
18. CONTRACTOR SHALL PROVIDE TWO (2) CAT6/6A CABLES ROUTED TO THE FIRE ALARM CONTROL PANEL. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
19. ALL EXPOSED CABLING OR CABLING ROUTING ACROSS NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED IN CONDUIT. CONDUIT SHALL BE PROPERLY SIZED TO MAINTAIN THE 40% FILL RATIO.
20. 21ALL CONDUIT STUB OUTS AND SLEEVES SHALL HAVE PROTECTIVE BUSHINGS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED. CONTRACTOR TO MAINTAIN A 40% MAXIMUM FILL RATION ON ALL SLEEVES INSTALLED.
21. CONTRACTOR SHALL PROVIDE TWO (2) CAT6/6A CABLES TO THE ACCESS CONTROL HEAD-END. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
22. CONTRACTOR TO PROVIDE TWO (2) CAT6/6A CABLES TO THE BUILDING AUTOMATION SYSTEM AT EACH BAS HEAD-END LOCATION. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
23. CONTRACTOR TO PROVIDE TWO (2) CAT6/6A CABLES TO THE AREA OF REFUGE SYSTEM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
24. CONTRACTOR SHALL PROVIDE (1) CAT6/6A CABLE FOR EACH IP CAMERA AND IP SPEAKER ROUTED TO NEAREST IDF. COORDINATE WITH OTHER TRADES.
25. CONTRACTOR SHALL PROVIDE (2) CAT6/6A CABLES ROUTED TO THE ELEVATOR FOR THE FIRE-FIGHTER TELEPHONE.
26. CONTRACTOR SHALL PROVIDE (1) CAT6/6A CABLE TO THE INTRUSION DETECTION SYSTEM HEAD-END

TECHNOLOGY LEGEND

GROUP	SYMBOL	DESCRIPTION
DEVICES		INDICATES THE LOCATION OF A NEW TECHNOLOGY OUTLET. CONTRACTOR TO PROVIDE FACEPLATE WITH A MINIMUM OF 4-PORTS AT EACH LOCATION UNLESS OTHERWISE NOTED. PROVIDE BLANK COVERS ON UNUSED PORTS. ELECTRICAL CONTRACTOR TO PROVIDE A DOUBLE GANG BACK BOX WITH A SINGLE GANG REDUCER RING AND A 1" CONDUIT FROM THE BOX TO THE NEAREST ACCESSIBLE CEILING. D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
		INDICATES THE LOCATION OF A CEILING MOUNTED OUTLET. CONTRACTOR SHALL MOUNT THIS OUTLET AT +12" ABOVE THE CEILING AND COORDINATE ALL FINAL LOCATIONS WITH OTHER TRADES ON THE PROJECT TO VERIFY THAT THE LOCATION OF THE OUTLET MAINTAINS 12" OF CLEARANCE FROM THE FRONT OF THE FACEPLATE FOR OWNER ACCESS. ROUTE (1) 1" CONDUIT FROM THE BUILDING STRUCTURE TO A SINGLE GANG BACK BOX MOUNTED AT 5' OR LESS ABOVE THE FINISHED CEILING. SECURE CONDUIT AND BACK BOX TO INSURE MINIMAL SWAY MOVEMENT. D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
		INDICATES THE LOCATION OF A FLOOR MOUNTED OUTLET. CONTRACTOR TO PROVIDE AND INSTALL (2) 1-1/2" CONDUITS FROM BOX TO NEAREST ACCESSIBLE CEILING. D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
	'PS'	INDICATES THE LOCATION OF A TEACHER'S PRESENTATION STATION. PROVIDE A RASCO 260 BOX WITH 2 GANG REDUCER RING @ 18" AFF WITH (1) 2" CONDUIT STUBBED OUT ABOVE CEILING. 'PS' CABLING SHALL BE CONNECTED TO ASSOCIATED 'CMP', 'WMP', OR 'LCD'.
	'LCD'	INDICATES WALL MOUNTED LCD DISPLAY. CONTRACTOR TO PROVIDE AND INSTALL A RACO 260 BOX WITH 2 GANG MUD RING AT 60" A.F.F. WITH (1) 2" CONDUITS STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING AND (1) CAT6/6A CABLE ROUTED TO NEAREST IDF. PROVIDE ALL REQUIRED TERMINATION HARDWARE. ELECTRICAL CONTRACTOR SHALL PROVIDE A DEDICATED CIRCUIT.
	'W'	INDICATES THE LOCATION OF A WIRELESS MICROPHONE ANTENNA. PROVIDE WIREGUARD ON ALL DEVICES INSTALLED IN GYMNASIUMS. ELECTRICAL CONTRACTOR SHALL PROVIDE 2 GANG EXTRA DEEP BOX, FLUSH MOUNT AT 12' A.F.F., UNLESS OTHERWISE NOTED. CONNECT (1) 1" CONDUIT ROUTED TO ASSOCIATED SOUND RACK.
	'H'	INDICATES THE LOCATION OF ASSISTED LISTENING ANTENNA. PROVIDE WIREGUARD ON ALL DEVICES INSTALLED IN GYMNASIUMS. ELECTRICAL CONTRACTOR SHALL PROVIDE 1 GANG BOX, FLUSH MOUNT AT 12' A.F.F. UNLESS OTHERWISE NOTED. CONNECT (1) 1" CONDUIT ROUTED TO ASSOCIATED SOUND RACK.
	'AP'	INDICATES WIRELESS ACCESS POINT CONNECTION. CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT6/6A CABLES ROUTED TO NEAREST IDF. PROVIDE BOX AND CONDUIT AS NOTED FOR CEILING MOUNTED OUTLETS. PROVIDE (1) 15' PLENUM PATCH CABLE FOR EACH LOCATION INSTALLED. PROVIDE 10' SERVICE LOOP UPSTREAM OF TERMINATION POINT. WALL MOUNTED DEVICES SHALL BE INSTALLED AT 10' A.F.F.
	'K'	INDICATES THE LOCATION OF A KRONOS CLOCK. PROVIDE A FLUSH MOUNT SINGLE GANG BOX AT 54" A.F.F. WITH (1) 1" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING. PROVIDE (1) CAT6/6A CABLE ROUTED TO NEAREST IDF.
	'IMP'	INDICATES THE LOCATION OF A VIDEO PROJECTOR. 'W' INDICATES WALL MOUNT. 'C' INDICATES CEILING MOUNT. COORDINATE EXACT HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE AND INSTALL A RACO 260 BOX WITH 2 GANG MUD RING WITH (1) 2" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING AND (1) CAT6/6A CABLE ROUTED TO NEAREST IDF. PROVIDE 10' SERVICE LOOP AT PROJECTOR
	'SB1'	INDICATES THE LOCATION OF SCOREBOARD CONTROL INTERFACE PLATE. INSTALL 1 GANG BOX AT 18" A.F.F. WITH (1) 1" CONDUIT CONNECTED TO BOTH 'SB2' BOXES ELECTRICAL CONTRACTOR SHALL INSTALL (1) 20A CIRCUIT AT THIS LOCATION FOR SCORER'S TABLE POWER.
	'SB2'	INDICATES THE LOCATION OF A SCOREBOARD. INSTALL SINGLE GANG BOX AT APPROXIMATELY 12' A.F.F. WITH (1) 1" CONDUIT CONNECTED TO THE ASSOCIATED 'SB1' BOX. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) 20A CIRCUIT AT THIS LOCATION FOR SCOREBOARD POWER.
		INDICATES THE LOCATION OF AN IP SECURITY CAMERA. FOR WALL MOUNT AND EXTERIOR CAMERAS, ELECTRICAL CONTRACTOR SHALL PROVIDE A SINGLE GANG BOX, FLUSH MOUNT AT 12' A.F.F. WITH 1" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING. TECHNOLOGY CONTRACTOR SHALL PROVIDE (1) CAT6/6A CABLE ROUTED TO NEAREST IDF. PROVIDE A 10' SERVICE LOOP AT EACH END POINT. FOR EXTERIOR CAMERAS, PROVIDE AN RJ45 BISCUIT WITH A TERMINATED WHIP ROUTED TO CAMERA LOCATION. PROVIDE ALL REQUIRED CONNECTORS AND DEVICES TO PROVIDE FULL FUNCTIONALITY OF CAMERA. PROPERLY SEAL BUILDING PENETRATIONS TO PREVENT EXTERIOR ELEMENTS FROM ENTERING BUILDING. SURFACE MOUNTED CONDUITS ARE NOT PERMITTED.
	S	INDICATES INTERCOM SPEAKER. FLUSH MOUNTED IN CEILING. VERIFY WITH INTERCOM CONTRACTOR WHETHER SPEAKERS ARE IP SPEAKERS. IF SO, PROVIDE (1) CAT6/6A DATA CABLE ROUTED TO NEAREST IDF EXCEPT AS NOTED: ALL CORRIDOR, PUBLIC SPACE AND EXTERIOR SPEAKERS ARE CONVENTIONAL 25VOLT AND DO NOT REQUIRE A DATA DROP. COORDINATE WITH INTERCOM CONTRACTOR PRIOR TO CABLING.
	S	INDICATES WALL MOUNTED INTERCOM SPEAKER. VERIFY WITH INTERCOM CONTRACTOR WHETHER SPEAKERS ARE IP SPEAKERS. IF SO, PROVIDE (1) CAT6/6A DATA CABLE ROUTED TO NEAREST IDF EXCEPT AS NOTED: ALL CORRIDOR, PUBLIC SPACE AND EXTERIOR SPEAKERS ARE CONVENTIONAL 25VOLT AND DO NOT REQUIRE A DATA DROP. COORDINATE WITH INTERCOM CONTRACTOR PRIOR TO CABLING
	C	INDICATES WALL MOUNTED CLOCK. VE RIFY WITH INTERCOM CONTRACTOR WHETHER CLOCKS ARE IP. IF SO, PROVIDE (1) CAT6 DATA CABLE ROUTED TO NEAREST IDF. INCLUDES DOUBLE FACE CLOCKS.
	'CEN'	INDICATES THE APPROXIMATE LOCATION OF A CEILING ENCLOSURE. REFER TO SPECIFICATIONS FOR THE ENCLOSURE MODEL NUMBER AND DEVICES TO BE HOUSED INSIDE THE ENCLOSURE. ELECTRICAL CONTRACTOR SHALL PROVIDE (1) 120V / 20A DEDICATED CIRCUIT.
	S 'L'	INDICATES WALL MOUNTED LOCAL SOUND SPEAKER. PROVIDE A 2 GANG DEEP BOX WITH 1 GANG REDUCER RING @ 12 FT, AFF WITH (1) 3/4" CONDUIT ROUTED AND CONNECTED TO THE ASSOCIATED LOCAL SOUND RACK.
	CM	INDICATES CEILING MOUNTED MICROPHONE. PROVIDE A 2 GANG DEEP BOX WITH 1 GANG REDUCER RING FLUSH IN CEILING WITH (1) 3/4" CONDUIT ROUTED AND CONNECTED TO THE ASSOCIATED LOCAL SOUND RACK.
	S 'L'	INDICATES CEILING MOUNTED LOCAL SOUND SPEAKER. PROVIDE A 2 GANG DEEP BOX WITH 1 GANG REDUCER RING INSTALLED @ 12" ABOVE CEILING WITH (1) 3/4" CONDUIT ROUTED AND CONNECTED TO THE ASSOCIATED LOCAL SOUND RACK
	S 'LS'	INDICATES CEILING MOUNTED LOCAL SOUND SUBWOOFER SPEAKER. PROVIDE A 2 GANG DEEP BOX WITH 1 GANG REDUCER RING INSTALLED @ 12" ABOVE CEILING WITH (1) 3/4" CONDUIT ROUTED AND CONNECTED TO THE ASSOCIATED LOCAL SOUND RACK.

NOTE:
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL-MOUNTED DEVICE MOUNTING HEIGHTS.
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.
4. ALL CONDUIT STUB-OUTS SHALL BE EQUIPPED WITH A PLASTIC PROTECTIVE BUSHING TO PREVENT CABLE DAMAGE.

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MEP
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ACOUSTIC
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CONSTR.
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FOOD SERVICE
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OTHER
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

Mission CISD

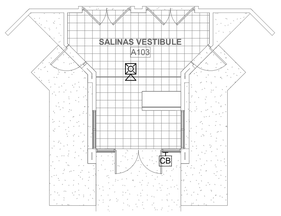
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LEVEL 1 FIRE ALARM PLAN - VESTIBULE EXHIBITS

TF-101

FOR BLUEBEAM LABELING/OCR:

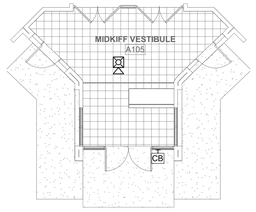
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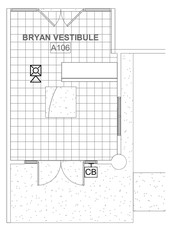
5 LEVEL 1 FIRE ALARM PLAN - SALINAS ELEMENTARY
SCALE: 1/8" = 1'-0"



4 LEVEL 1 FIRE ALARM PLAN - MIDKIFF ELEMENTARY
SCALE: 1/8" = 1'-0"



3 LEVEL 1 FIRE ALARM PLAN - CAVAZOS ELEMENTARY
SCALE: 1/8" = 1'-0"



2 LEVEL 1 FIRE ALARM PLAN - CASTRO ELEMENTARY
SCALE: 1/8" = 1'-0"



1 LEVEL 1 FIRE ALARM PLAN - BRYAN ELEMENTARY
SCALE: 1/8" = 1'-0"

FIRE ALARM - NOTES TO CONTRACTOR

1. REFER TO SHEET T-001 FOR SYMBOLOGY, NOTES AND PROJECT SCOPE
2. CONTRACTOR TO REFER SPECIFICATIONS FOR DETAILS ON MATERIAL AND METHODS
3. CONTRACTOR TO CONNECT ALL NEW FIRE ALARM DEVICES AND RELATED EQUIPMENT TO EXISTING FIRE ALARM PANEL. CONTRACTOR SHALL PROVIDE ALL MODULES AND SOFTWARE TO ALLOW NEW DEVICES AND EQUIPMENT TO BE CONNECTED TO EXISTING MAIN PANEL

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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61524
PROFESSIONAL ENGINEER
02/03/2023
LEAF ENGINEERS
F-18672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

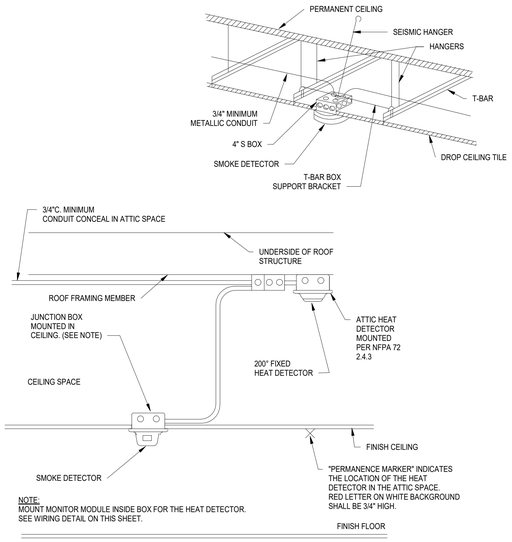
LEVEL 1 FIRE ALARM PLAN - VESTIBULE EXHIBITS

TF-101

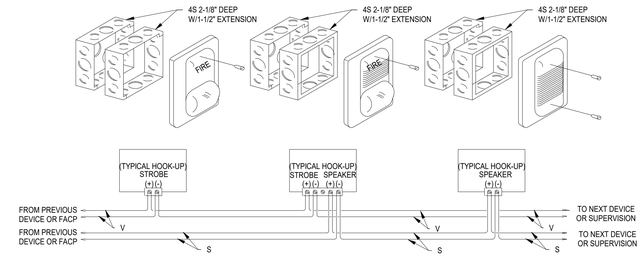
FIRE ALARM DETAILS
TF-702
FOR BLUEBEAM LABELING/OCR:

100% CD SET

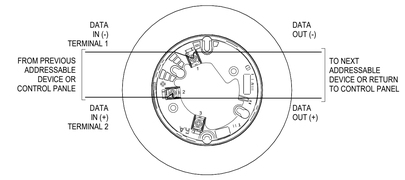
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1"



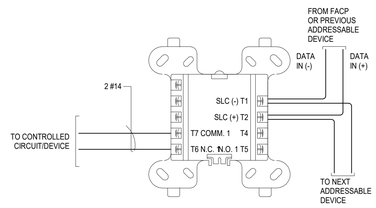
1 FA - DROP CEILING DEVICE INSTALLATION DETAIL
SCALE: 12" = 1'-0"



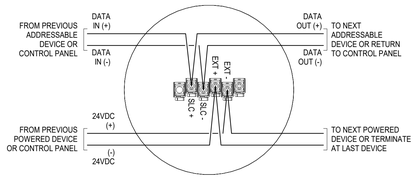
2 FA - SPEAKER/STROBE DETAIL
SCALE: 12" = 1'-0"



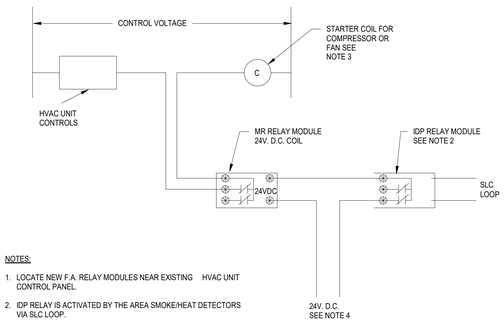
3 FA - SMOKE/HEAT DETECTOR DETAIL
SCALE: 12" = 1'-0"



4 FA - RELAY MODULE DETAIL
SCALE: 12" = 1'-0"



5 FA - SOUNDER BASE DETAIL
SCALE: 12" = 1'-0"



NOTES:

1. LOCATE NEW F.A. RELAY MODULES NEAR EXISTING HVAC UNIT CONTROL PANEL.
2. IDP RELAY IS ACTIVATED BY THE AREA SMOKE/HEAT DETECTORS VIA SLC LOOP.
3. VERIFY NUMBER OF STARTER COILS AT EACH HVAC UNIT. SOME UNITS REQUIRE 2 OR MORE RELAYS FOR SHUTDOWN OF COMPRESSORS AND FANS.
4. PROVIDE 24V. D.C. SOURCE (LOW VOLTAGE TRANSFORMER) FROM POWER SUPPLY UNIT.
5. A LISTED RELAY TO THE FIRE ALARM SYSTEM SHALL BE LOCATED WITHIN 3 FEET OF THE CONTROLLED CIRCUIT PER 2010 NFPA 6.16.2.2.

6 FA - HVAC UNIT SHUT-DOWN DETAIL
SCALE: 12" = 1'-0"

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956-687-1331 F
TX Firm: BR 1608

CIVIL
CONSULTANT NAME
T 000-000-0000
LANDSCAPE
CONSULTANT NAME
T 000-000-0000
STRUCTURAL 103
CONSULTANT NAME
T 000-000-0000
MEP
CONSULTANT NAME
T 000-000-0000
ACOUSTIC
CONSULTANT NAME
T 000-000-0000
IRRIGATION
CONSULTANT NAME
T 000-000-0000
FOOD SERVICE
CONSULTANT NAME
T 000-000-0000
OTHER
CONSULTANT NAME
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LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS
100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
02/03/2023
LEAF ENGINEERS
F-18672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

FIRE ALARM DETAILS

TF-702

File Path: C:\Users\ferrero\Documents\TF2-MCISD - ELEMENTARY SCHOOL VESTIBULE PROJECTS_jose.ferreroAGNWS.rvt

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JF
Plot Stamp:
2/2/2023 9:35:05 AM

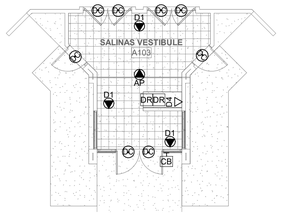
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LEVEL 1 TECHNOLOGY PLAN - VESTIBULE EXHIBITS

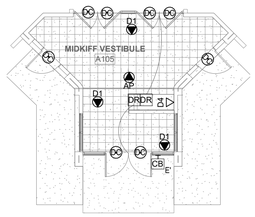
TN-101

FOR BLUEBEAM LABELING/OCR:

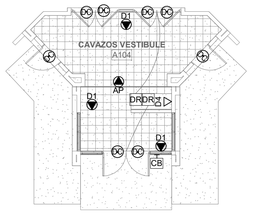
100% CD SET



5 LEVEL 1 TECHNOLOGY PLAN - SALINAS ELEMENTARY
SCALE: 1/8" = 1'-0"



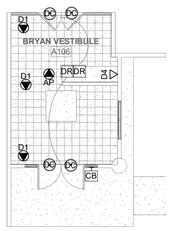
4 LEVEL 1 TECHNOLOGY PLAN - MIDKIFF ELEMENTARY
SCALE: 1/8" = 1'-0"



3 LEVEL 1 TECHNOLOGY PLAN - CAVAZOS ELEMENTARY
SCALE: 1/8" = 1'-0"



2 LEVEL 1 TECHNOLOGY PLAN - CASTRO ELEMENTARY
SCALE: 1/8" = 1'-0"



1 LEVEL 1 TECHNOLOGY PLAN - BRYAN ELEMENTARY
SCALE: 1/8" = 1'-0"

TECHNOLOGY - NOTES TO CONTRACTOR

1. REFER TO SHEET T-001 FOR SYMBOLOGY, NOTES AND PROJECT SCOPE.
2. CONTRACTOR TO REFER SPECIFICATIONS FOR DETAILS ON MATERIAL AND METHODS.
3. CONTRACTOR SHALL ROUTE ALL STRUCTURE CABLING TO THE NEAREST MDF/IDF.

PBK

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CIVIL
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STRUCTURAL
CONSULTANT NAME
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MEP
CONSULTANT NAME
T-000-000-0000
ACOUSTIC
CONSULTANT NAME
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FIRE/ALRM
CONSULTANT NAME
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FOOD SERVICE
CONSULTANT NAME
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OTHER
CONSULTANT NAME
T-000-000-0000

LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

Mission CISD

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL
ENGINEER
02/03/2023
LEAF ENGINEERS
F-18672

CLIENT
MCISD

DATE	PROJECT NUMBER
02/03/2023	220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

LEVEL 1 TECHNOLOGY PLAN - VESTIBULE EXHIBITS

TN-101

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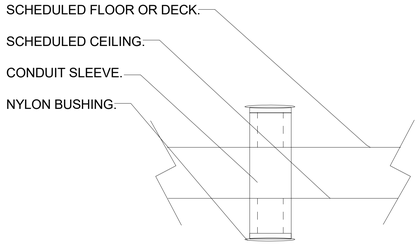
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GREG GRIFFIN
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JF
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TECHNOLOGY DETAILS

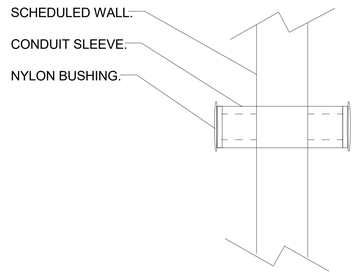
TN-701

FOR BLUEBEAM LABELING:OOR:

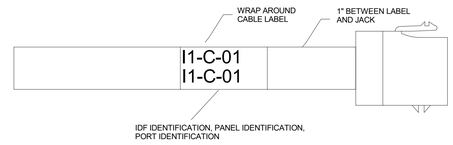
100% CD SET



01 TYPICAL CONDUIT SLEEVE THROUGH FLOOR OR DECK NOT TO SCALE



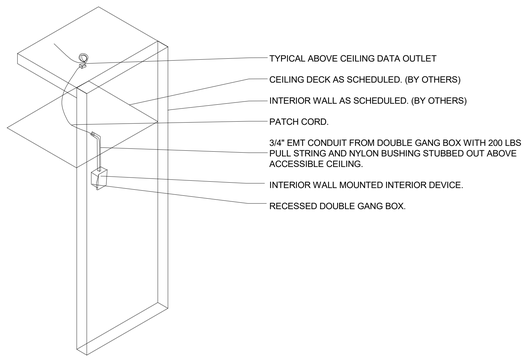
02 TYPICAL CONDUIT SLEEVE THROUGH WALL NOT TO SCALE



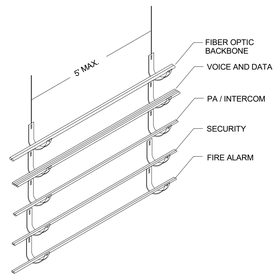
1. WRAP AROUND CABLE LABEL TO BE INSTALLED AT BOTH THE WORK AREA OUTLET AND CLOSET ENDS OF ALL CABLES. INSTALL LABEL 1" FROM THE END OF THE CABLE JACKET AT BOTH ENDS.

2. CABLE LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/8" IN HEIGHT.

03 CABLE LABEL DETAIL NOT TO SCALE

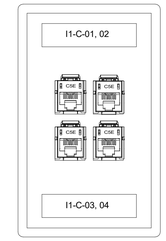


04 TYPICAL INTERIOR WALL MOUNTED DEVICE NOT TO SCALE



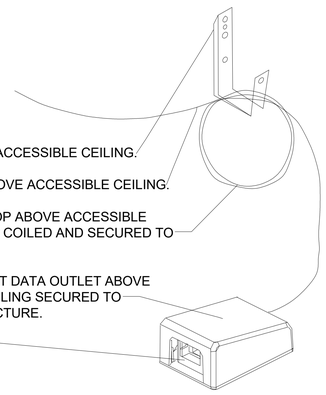
1. NO MORE THAN 50, .25" CABLES PER 2.5" SUPPORT.
2. SUPPORTS SHALL BE INSTALLED AT A MAXIMUM 5' ON CENTER.
3. SUPPORTS SHALL BE A MINIMUM 3" ABOVE SUSPENDED CEILING.
4. SEPARATE SUPPORTS REQUIRED FOR EACH CABLE TYPE AS ILLUSTRATED. EACH SYSTEM CONTRACTOR TO PROVIDE AND INSTALL THE SUPPORTS FOR THEIR OWN SYSTEM.
5. SUPPORTS SHALL ATTACHED TO THE BUILDING STRUCTURE.
6. ALL SUPPORTS SHALL BE INSTALLED AT A SERVICEABLE HEIGHT.

05 CABLE SUPPORT DETAIL NOT TO SCALE

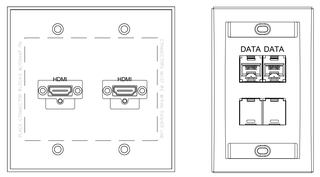


1. FACEPLATE LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/4" IN HEIGHT.

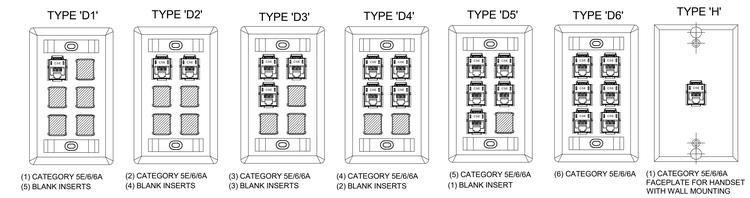
06 TYPICAL TECHNOLOGY OUTLET CONFIGURATION DETAIL NOT TO SCALE



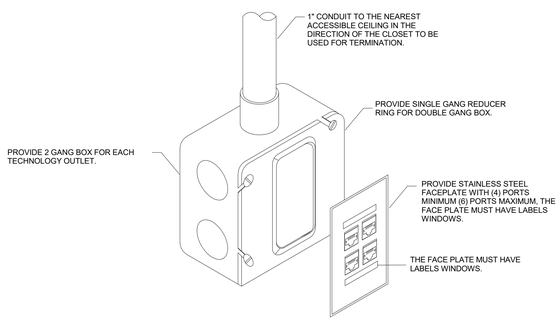
07 TYPICAL ABOVE CEILING DATA OUTLET NOT TO SCALE



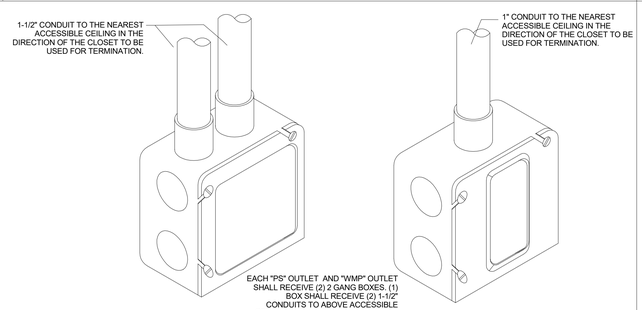
08 TYPICAL PS / D2 OUTELT DETAIL NOT TO SCALE



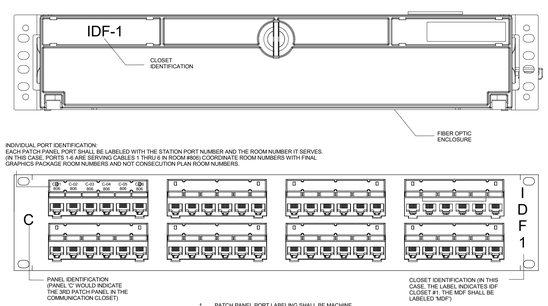
09 TYPICAL TECHNOLOGY OUTLET CONFIGURATION DETAIL NOT TO SCALE



10 TECHNOLOGY OUTLET BOX DETAIL NOT TO SCALE



11 PS AND LCD OUTLET BOX DETAIL NOT TO SCALE



1. PATCH PANEL PORT LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/4" IN HEIGHT.
2. PATCH PANEL AND CLOSET IDENTIFICATION LABEL SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/2" IN HEIGHT.

12 FIBER ENCLOSURE/PATCH PANEL LABELING DETAIL NOT TO SCALE

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STRUCTURAL 105
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ACOUSTIC
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IRRIGATION
CONSULTANT NAME
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FOOD SERVICE
CONSULTANT NAME
T-000-000-0000

OTHER
CONSULTANT NAME
T-000-000-0000

LEAF ENGINEERS

ELEMENTARY SCHOOLS VESTIBULE PROJECTS

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT - VARIOUS LOCATIONS

100% CD SET

Mission CISD

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL
ENGINEER

02/03/2023
LEAF ENGINEERS
F-18672

CLIENT
MCISD

DATE 02/03/2023
PROJECT NUMBER 220505

DRAWING HISTORY

No.	Description	Date

100% CD SET

BUILDING NUMBER

TECHNOLOGY DETAILS

TN-701

SUBJECT: Approval of Proposed 2023-2024 Academic School Calendar

PRESENTER: Dr. Sharon Roberts, Deputy Superintendent for Curriculum and Instruction
Kim Risica, Executive Director for Special Programs and School Improvement

BACKGROUND INFORMATION

The District-wide Educational Improvement Council's (DEIC) calendar committee was tasked with creating two calendars for the 2023-2024 school year. In accordance with Texas Education Code 25.081, for each school year, each school district must operate for at least 75,600 minutes of instruction, including intermissions and recess. As a District of Innovation, the district is permitted to begin school prior to the fourth Monday of August.

All Mission CISD employees impacted by the academic calendar had the opportunity to vote on Calendar A or Calendar B. Some staff removed from the voting membership included those on a 226+ contract as well as transportation and CNP. Voting was open from Tuesday, February 21 to Tuesday, February 28 at 5:00 p.m. Votes were cast electronically by employees and results were tabulated by department and campus. Results were submitted to the Office of Special Programs and School Improvement. The total number of employees voting was ____with ___ voting for Calendar A and ____ voting for Calendar B.

ADMINISTRATIVE CONSIDERATIONS

Employees cast votes electronically and results were tabulated by the different departments and campuses. Results were provided to the Office of Special Programs and School Improvement. The calendar option with the most votes is being submitted for approval, which is Calendar Option ___.

FUNDING SOURCE/AND AMOUNT

N/A

RECOMMENDATION

Approval of Proposed 2023-2024 Academic School Calendar

CONTACT PERSON(S)

Dr. Sharon Roberts, Deputy Superintendent for Curriculum and Instruction
Kim Risica, Executive Director for Special Programs and School Improvement
Edilberto Flores, Executive Director for PreK-12th Grade – MHS Vertical Team
Cynthia Wilson, Executive Director PreK-12th Grade – VMHS Vertical Team
Francisca Cruz, Executive Director for Special Education/Section 504, RTI, Dyslexia

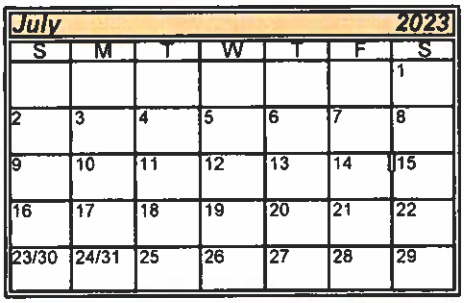
Proposed District Academic Calendars 2023 – 2024 Comparisons

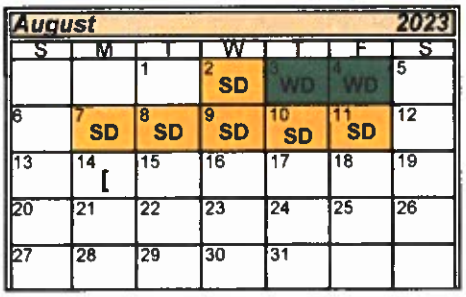
Students First • Innovation • Collaborative Ownership • Diversity • Continuous Learning

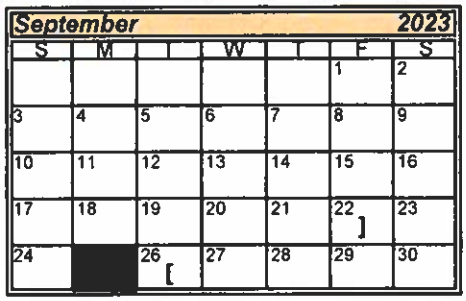
2023- 2024 Calendar	Calendar A	# of days	Calendar B	# of days
1st Day for Teachers	August 2, 2023	-	August 7, 2023	-
1st Day for Students	August 14, 2023	-	August 16, 2023	-
1st Reporting Period	August 14 – September 22	30	August 16 – September 22	27
2nd Reporting Period	September 26 – November 3	28	September 26 – November 2	27
3rd Reporting Period	November 7 – December 15	24	November 6 – December 20	28
1st Semester Total Days	--	82	--	82
4th Reporting Period	January 8 – February 16	29	January 8 – February 16	29
5th Reporting Period	February 19 – April 12	33	February 20 – April 12	32
6th Reporting Period	April 15 – May 24	30	April 15 – May 24	30
2nd Semester Total Days	--	92	--	91
Total Instructional Minutes / Days	Elementary – 78,300 Jr High – 83,520 High Schools – 83,520	174	Elementary – 77,850 Jr High – 83,040 High Schools – 83,040	173
*Staff Development Days	Subject to change due to convocation schedule	7.5	Subject to change due to convocation schedule	7.0
*Work Days	--	5.5	--	7.0
Total Teacher Work Days		187		187
Last Day for Students	May 24, 2024	-	May 24, 2024	-
Last Day for Teachers	May 25, 2024	-	May 28, 2024	-
2023 - 2024 Calendar	**Calendar A**	**# of days**	**Calendar B**	**# of days**
Holiday	October 9, 2023 Indigenous Peoples Day	1	September 4, 2023 Labor Day	1
Fall Break	November 20 – 24	5	November 20 - 24	5
Winter Break	December 18 – January 3	13	December 21 – January 3	10
Teachers Return Students Return	January 4 - Thursday January 8 - Monday	- -	January 4 - Thursday January 8 - Monday	- -
Bad Weather Makeup Days	February 12, 2024 April 1, 2024	2	October 16, 2023 February 12, 2024	2
Spring Break	March 11 - 15, 2024	5	March 11 – 15, 2024	5
Easter	March 29, 2024	1	March 29 - April 1, 2024	2

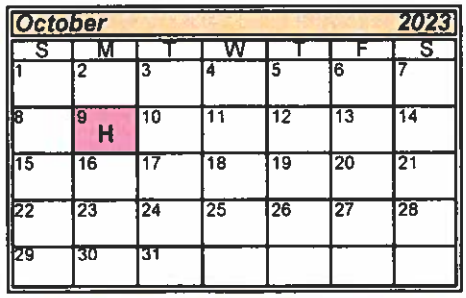
NOTE: Required Total Minutes of Instruction = 75,600

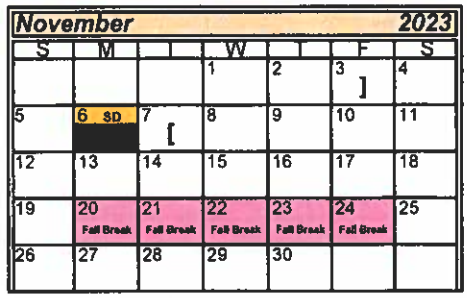
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT 2023 - 2024 CALENDAR A

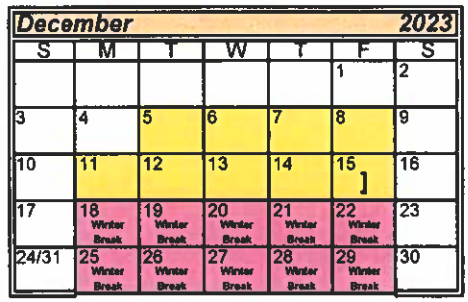












Reporting Periods

1st Grading Period 30 Days
8/14/2023 - 9/22/2023
2nd Grading Period 28 Days
9/26/2023 - 11/3/2023
3rd Grading Period 24 Days
11/7/2023 - 12/15/2023
1st Semester = 82 Days

4th Grading Period 29 Days
1/8/2024 - 2/16/2024
5th Grading Period 33 Days
2/19/2024 - 4/12/2024
6th Grading Period 30 Days
4/15/2024 - 5/24/2024
2nd Semester = 92 Days

Total = 174 Days

Minutes

Elementary: 78,300 minutes
Jr High School: 83,520 minutes
High School: 83,520 minutes

Holidays

Holiday: October 9, 2023
Fall Break: November 20-24, 2023
Winter Break: December 18, 2023 - January 3, 2024
Spring Break: March 11-15, 2024
Easter: March 29, 2024

Bad Weather Days (BW)

1. February 12, 2024
2. April 1, 2024

Other Dates

Student's First Day: August 14, 2023
Student's Last Day: May 24, 2024

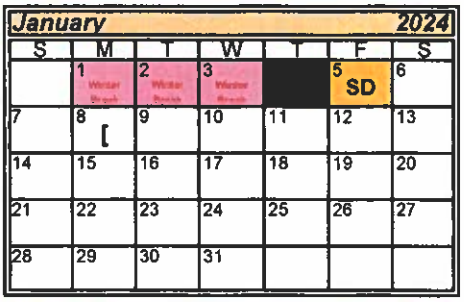
State Testing Dates

December 5 - 15 -- STAAR EOC
April 16 - 26 -- STAAR RLA, EOC (ENG I&II)
April 23 - May 10 -- STAAR/STAAR EOC WINDOW
June 18 - 28 -- STAAR EOC

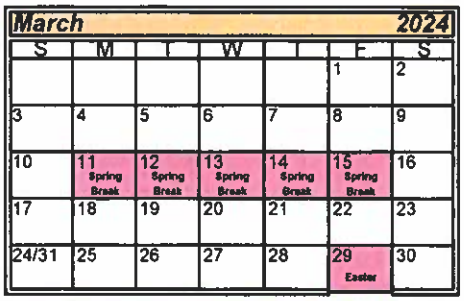
SD - Staff Development Days: 7.5 days
August 2, 2023
August 7-11, 2023
November 6, 2023 (1/2 day)
January 5, 2024

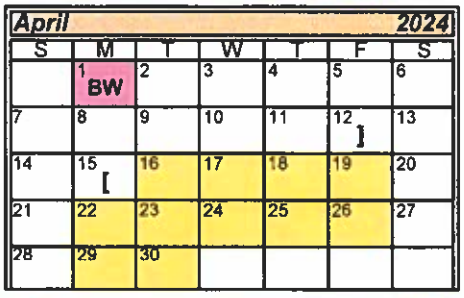
WD - Workdays: 5.5 days
August 3-4, 2023
September 25, 2023
November 6, 2023 (1/2 day)
January 4, 2024
May 25, 2024

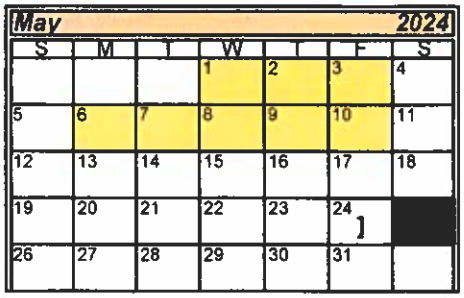
Total Teacher Days: 187

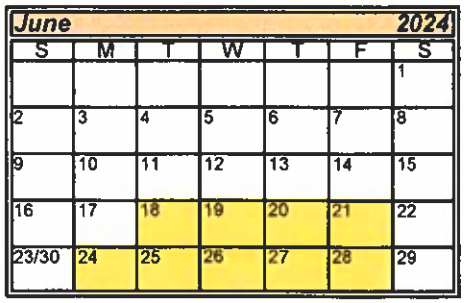






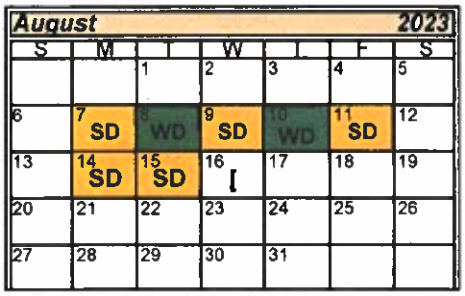


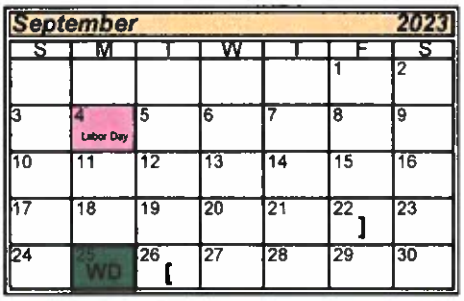


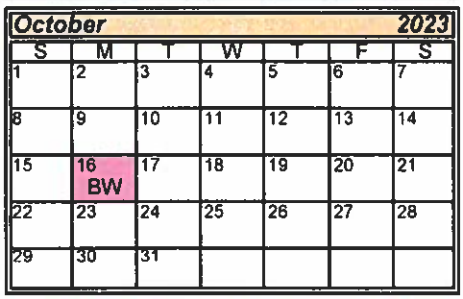


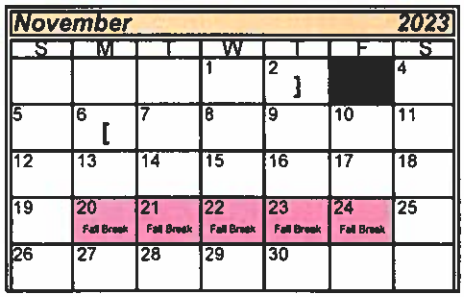
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT 2023 - 2024 CALENDAR B

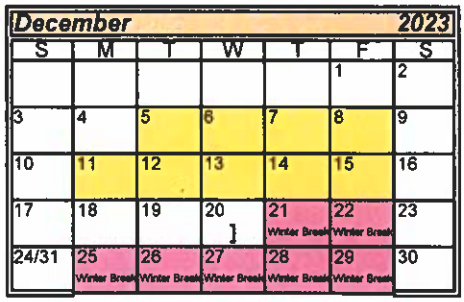












Reporting Periods

1st Grading Period 27 Days
8/16/23 - 9/22/23
2nd Grading Period 27 Days
9/26/23 - 11/2/23
3rd Grading Period 28 Days
11/6/23 - 12/20/23
1st Semester = 82 Days

4th Grading Period 29 Days
1/8/24 - 2/16/24
5th Grading Period 32 Days
2/20/24 - 4/12/24
6th Grading Period 30 Days
4/15/24 - 5/24/24
2nd Semester = 91 Days

Total = 173 Days

Minutes

Elementary: 77,850 minutes
Jr High School: 83,040 minutes
High School: 83,040 minutes

Holidays

Labor Day: September 4, 2023
Fall Break: November 20 - 24, 2023
Winter Break: December 21, 2023 - January 3, 2024
Spring Break: March 11 - 15, 2024-
Easter: March 29, 2024 & April 1, 2024

Bad Weather Days (BW)

1. October 16, 2023
2. February 12, 2024

Other Dates

Student's First Day: August 16, 2023
Student's Last Day: May 24, 2024

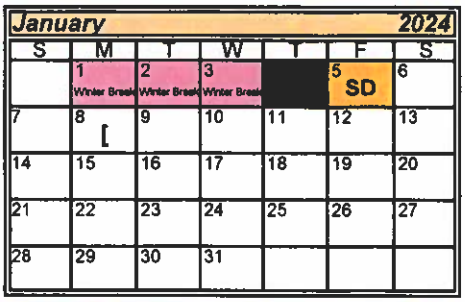
State Testing Dates

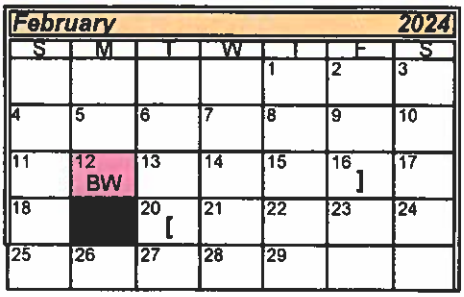
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April 23 - May 10 -- STAAR/STAAR EOC WINDOW
June 18 - 28 -- STAAR EOC

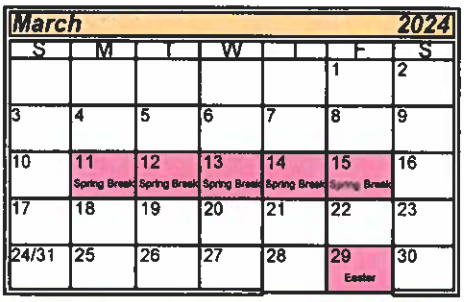
SD - Staff Development Days: 7.0 days
August 7, 2023 Full Day
August 9, 2023 Full Day
August 11, 2023 Full Day
August 14, 2023 Full Day
August 15, 2023 Full Day
January 5, 2024 Full Day
May 27, 2024 Full Day

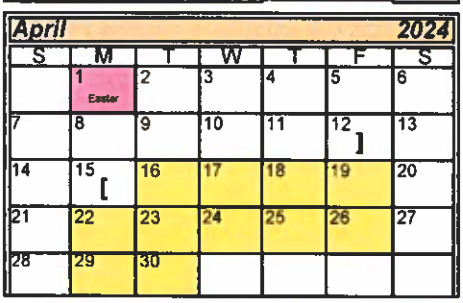
WD - Workdays: 7.0 days
August 8, 2023 Full Day
August 10, 2023 Full Day
September 25, 2023 Full Day
November 3, 2023 Full Day
January 4, 2024 Full Day
February 19, 2024 Full Day
May 28, 2024 Full Day

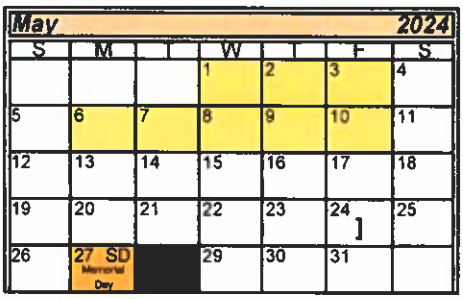
Total Teacher Days: 187

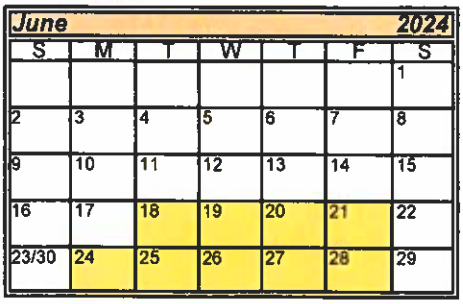












Academic Calendar 2023 – 2024

1201 Bryce Drive
Mission, TX 78572
PH: 956-323-5500
Website: www.mcisd.net

Board Approval: Pending

Students First • Innovation • Collaborative Ownership • Diversity • Continuous Learning

JULY 2023

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST 2023

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20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER 2023

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17	18	19	20	21	22]	23
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OCTOBER 2023

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29	30	31				

NOVEMBER 2023

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DECEMBER 2023

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17	18	19	20]	21	22	23
24	25	26	27	28	29	30
31						

REPORTING PERIODS

1st Reporting Period:
August 16 – September 22

2nd Reporting Period:
September 26 – November 2

3rd Reporting Period:
November 6 – December 20

4th Reporting Period:
January 8 – February 16

5th Reporting Period:
February 20 – April 12

6th Reporting Period:
April 16 – May 24

HB 2610 MIN. OF INSTRUCTION

Elem: 173 days x 450 min. = 77,850
JHS: 173 days x 480 min. = 83,040
HS: 173 days x 480 min. = 83,040

HOLIDAYS

Labor Day: September 4
Fall Break: November 20 - 24
Winter Break: Dec. 21 – Jan. 3
Spring Break: March 11 - 15
Easter: March 29 & April 1

BAD WEATHER MAKEUP DAYS

October 16, 2023
February 12, 2024

OTHER DATES

Students' First Day: Aug. 16
Students' Last Day: May 24

STATE TESTING DATES

December 5-15: STAAR EOC
April 16-26: STAAR/STAAR EOC (RLA)
April 23-May 10: STAAR/STAAR EOC Window
June 18-28: STAAR EOC Window

Staff Development
Work Day
Holiday
Testing Date

JANUARY 2024

S	M	T	W	T	F	S
	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY 2024

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25	26	27	28	29		

MARCH 2024

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24	25	26	27	28	29	30
31						

APRIL 2024

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28	29	30				

MAY 2024

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26	27		29	30	31	

JUNE 2024

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23	24	25	26	27	28	29
30						

Our Vision: *Mission CISD will prepare and inspire all students to be equipped to excel in the college and career of their choice, dominate 21st century skills in leadership, knowledge, language, and technology to compete in a global economy and serve as successful citizens in their community.*

Declaración de la Visión: *Mission CISD preparará e inspirará a todos los estudiantes a estar preparados para sobresalir en la universidad y la carrera de su elección, dominar habilidades del siglo 21 en liderazgo, conocimiento, lenguaje y tecnología para competir en una economía global y servir como ciudadanos exitosos en su comunidad.*

MISSION CISD

2023-2024 SCHOOL YEAR CALENDAR SURVEY

Results

DISTRICT TOTALS		
	# of Votes	**Percent**
Calendar A	645	44.98%
Calendar B	789	55.02%
Totals	1,434	100.00%

111

SUBJECT: Recommendation and Approval of Contracts and Employment Agreements for Campus Principals and Central Office Administrators

PRESENTER: Dr. Carol G. Perez, Superintendent

BACKGROUND INFORMATION

As specified in Board Policy DC(LEGAL), a district shall employ each classroom teacher, principal, librarian, nurse, or school counselor under a term contract as provided by Education Code Chapter 21, Subchapter E. Education Code 21.002

According to Board Policy DCE(Local), employment agreements shall be provided for positions included on the list approved by the Board. An employment agreement shall not be governed by Chapter 21 of the Educator Code.

ADMINISTRATIVE CONSIDERATIONS

Recommendations for the renewal of contracts and employment agreements for the Campus Principals and Central Office Administrators listed in the booklet to be provided to the Board in executive session are based on job performance, program needs, and funding. These recommendations support the District's goal of attracting and retaining high-quality staff.

FUNDING SOURCE:

Local, State and Federal Funds

RECOMMENDATION:

Recommendation and Approval of Contracts and Employment Agreements for Campus Principals and Central Office Administrators

CONTACT PERSON (S)

Lorena Garcia, Deputy Superintendent for Support Services
Elisa Pacheco, Director for Human Resources

SUBJECT: Approval of Summer Programs for 2023

PRESENTER: Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction
Kim Risica, Executive Director for Special Programs & School Improvement

BACKGROUND INFORMATION

The proposed Summer School Programs will provide accelerated instruction, supplemental instruction, and credit recovery programs for all students interested in attending and/or meeting qualifications in grades 1-12. In addition, the program also provides the required Summer Bilingual Education (grades PK and K) and STAAR End of Course for Secondary.

ADMINISTRATIVE CONSIDERATIONS

Summer School Programs will be held at the following three (3) elementary campuses: *Cantu* (Alton, Salinas, Waitz and Cavazos), *Castro* (Mims, Bryan and Midkiff), *Escobar Rios* (Leal, Marcell, O'Grady and Pearson), One Jr. High: *K. White Jr. High* (Alton Memorial Jr. High, R. Cantu Jr. High and Mission Jr. High). *Veterans Memorial High School, Mission High School and Mission Collegiate will each host their own respective programs.* Most programs will operate Monday through Thursday through the month of June.

FUNDING SOURCE/AND AMOUNT

Programs planned for eligible students will be made available through various funding sources: Migrant funds, Individuals with Disabilities Act, CTE, Advanced Academics; State Compensatory Education/Title I, and State Bilingual
Estimated cost: $900,000.00

RECOMMENDATION

Approval of Summer Programs for 2023

CONTACT PERSON(S)

Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction
Francisca Cruz, Executive Director for SPED/504/RTI/Dyslexia
Edilberto Flores, Executive Director for Pre-K-12 (MHS)
Cynthia Wilson, Executive Director for Pre-K-12 (VMHS)
Kim Risica, Executive Director for Special Programs & School Improvement
Angelina Martinez, Bilingual/ESL Director

22-23 Elementary Summer Programs

Campus	Program	Inservice/ Work Day	Staff Work Day	Days of Week	Student Start Date	Instructional Hours	Student End Date	Staff End Date
Castro Elem. Cantu Elem. & Escobar/Rios Elem.	Elementary Summer STREAM Camp (1st-5th)	May 29 8:00 am – 12:00 pm	Paras 7:00 am-1:00 pm Teachers 7:45 am-12:45 pm Facilitator/Lead 7:00 am-1:00 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am-12:30 pm	June 22	June 22
Escobar/Rios Elem.	PK & K Bilingual/ESL Program	May 29 8:00 am – 12:00 pm	Paras 7:00 am-4:30 pm Teachers 7:45 am-4:15 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am – 4:00 pm	June 22	June 22
Escobar/Rios Elem.	Elementary Special Ed ESY	May 29 8:00 am – 12:00 pm	Paras 7:00 am-1:00 pm Teachers 7:45 am-12:45 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am-12:30 pm	June 22	June 22
Campus Pull-out Castro Elem. Cantu Elem. & Escobar/Rios Elem.	Project Smart	May 29 8:00 am – 12:00 pm	Teachers 7:45 am – 12:45 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am – 12:30 pm	June 22	June 22
Home Education Program	Migrant – A Bright Beginning	May 29 8:00 am – 12:00 pm	Teachers 7:45 am – 12:45 pm	Week 1 Tuesday-Friday Weeks 2-4	May 30	8:00 am – 12:30 pm	June 22	June 22

				Monday-Thursday				
Elementary (Tentative)	Elementary Robotics Enrichment Camp	TBD	TBD	TBD	4 days	June 2023	TBD	TBD

22-23 Junior High Summer Programs

Campus	Program	Inservice/ Work Day	Staff Work Day	Days of Week	Student Start Date	Instructional Hours	Student End Date	Staff End Date
K. White Jr. High	Extended Year Summer Program (Gr. 6-8)	May 29 8:00 am – 12:00 pm	Paras 7:00 am–1:00 pm Teachers 7:45 am–12:45 pm Facilitator/Lead 7:00 am–1:00 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am -12:30 pm	June 22	June 22
K. White Jr. High	STEM Camp 6th-8th Emergent Bilingual Camps	May 29	Teacher 7:45 am–12:45 pm	Monday - Thursday	May 30	8:00 am – 12:30 pm	June 22	June 22
UTRGV	Tex Prep Pre-Freshman Engineering Program (Gr.7-8)			Monday-Friday	June 5	1:00 pm to 5:50 pm	July 19	July 19
K. White Jr. High Campus Pull-out	Junior High Project Smart	May 29 8:00 am – 12:00 pm	Teachers 7:45 am–12:45	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am – 12:30 pm	June 22	June 22
K. White Jr. High	Jr. High School Special Education ESY	May 29 8:00 am – 12:00 pm	Paras 7:00 am–1:00 pm Teachers 7:45 am–12:45 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	8:00 am -12:30 pm	June 22	June 22

22-23 High School Summer Programs

Campus	Program	Inservice/ Work Day	Staff Work Day	Days of Week	Student Start Date	Instructional Hours	Student End Date	Staff End Date
Mission High School/Veterans Memorial High School/Mission Collegiate *Each respective Dean will oversee their own program	Summer School Program/Credit Recovery	May 29 Inservice/ Workday/ Registration 8:00 – 12:00	Paras 8:00 am-2:00 pm Teachers 8:45 am-1:45 pm Facilitator/Lead 8:00 am-2:00 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30 (Sem.1) June 12 (Sem.2)	9:00 am-1:30 pm	June 8 (Sem.1) June 22 (Sem.2)	June 22
Mission High School/Veterans Memorial High School/MCHS *Each respective Dean will oversee their own program	EOC Program	May 29 Inservice/ Workday/ Registration 8:00-12:00	Paras 8:00 am-2:00 pm Teachers 8:45 am-1:45 pm Administrator 8:00 am-2:00 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	9:00 am-1:30 pm	June 22 (last day of testing)	June 22
STC	Dual Enrollment Academies with STC	N/A	N/A	Monday-Friday	TBD	Times vary	TBD	N/A

22-23 High School Summer Programs

Campus	Program	Inservice/ Work Day	Staff Work Day	Days of Week	Student Start Date	Instructional Hours	Student End Date	Staff End Date
Mission High School	MHS Eagle CTE ECA Summer Bridge	N/A	Staff 7:45 am-3:45 pm	Monday-Thursday	Summer 2023	8:00 am-3:30 pm	July	Summer 2023
Veterans Memorial High School	VMHS Patriot Academy ECHS Summer Bridge (Tentative)	N/A	Staff 7:45 am-3:45 pm	Monday-Wednesday	Summer 2023	8:00 am-3:30 pm	Summer 2023	Summer 2023
Mission Collegiate High School	Summer Bridge Program	N/A	Staff 7:45 am-3:15 pm	TBD	Summer 2023	8:00 am-3:00 pm	Summer 2023	Summer 2023
Veterans Memorial High School/Mission High School	High School Special Education ESY	May 29 Inservice/ Workday 8:00 am to 12:00 pm	Paras 8:00 am-2:00 pm Teachers 8:45 am-1:45 pm	Week 1 Tuesday-Friday Weeks 2-4 Monday-Thursday	May 30	9:00 am-1:30 pm	June 22	June 22
Veterans Memorial High School	SCADE Welding	May 29	Staff 8:00 am-4:00 pm	Monday-Thursday	June 6	8:00 am-4:00 pm	August 4	August 12
Mission High School	CTE EC Welding	STC STAFF	8:00 am-12:30 pm	Monday - Thursday	June 6	8:30 am –11:00 am	August 12	August 12

SUBJECT: Approval of First Reading of Board Policy Changes, Including TASB-Policy Update 120, Affecting Local Policies:
EF(LOCAL) INSTRUCTIONAL RESOURCES
CKC(LOCAL): SAFETY PROGRAM/RISK MANAGEMENT - EMERGENCY PLANS
FNG(LOCAL): STUDENT RIGHTS AND RESPONSIBILITIES - STUDENT AND PARENT COMPLAINTS/GRIEVANCES
FO(LOCAL): STUDENT DISCIPLINE

PRESENTER: Lorena Garcia, Deputy Superintendent for Support Services

BACKGROUND INFORMATION

As a part of our TASB Policy Service, the District gets localized policy updates throughout the year that are generally based upon changes in law, case rulings, or TEA rulings. Update 120 primarily addresses changes in due to case law or TEA rulings. EF(LOCAL) is not included in Update 120, but is the result of several months of review by the administration and legal counsel to meet new state requirements. The (LOCAL) policies included for consideration here, have been reviewed by administration and the district's legal counsel.

ADMINISTRATIVE CONSIDERATIONS

Items included for presentation reflect appropriate changes to drafts sent by TASB based upon input from legal counsel and administration. Administrative practice has been to provide the policy review as a part of the Board Workshop with a request that the agenda item is approved for inclusion on the consent agenda for the regular board meeting. This is being presented for a First Reading approval during the March Regular Board of Trustees meeting. The Second Reading and Adoption would be planned for meetings held in April 2023.

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION

Approval of First Reading of Board Policy Changes, Including TASB-Policy Update 120, Affecting Local Policies:
EF(LOCAL) INSTRUCTIONAL RESOURCES
CKC(LOCAL): SAFETY PROGRAM/RISK MANAGEMENT - EMERGENCY PLANS
FNG(LOCAL): STUDENT RIGHTS AND RESPONSIBILITIES - STUDENT AND PARENT COMPLAINTS/GRIEVANCES
FO(LOCAL): STUDENT DISCIPLINE

CONTACT PERSON (S)

Lorena Garcia, Deputy Superintendent for Support Services
Craig Verley, Director of Public Relations and Marketing
David Hansen, Legal Counsel

PROPOSED POLICY

Note: For information related to the selection process and accounting of instructional materials, as this term is defined by state law and rule, see CMD and EFA.

The District shall provide a wide range of instructional resources for students and faculty that present varying levels of difficulty, diversity of appeal, and a variety of points of view. Although the Superintendent shall ensure that professional staff select instructional resources in accordance with District policy and administrative regulations, the ultimate authority for determining and approving the curriculum and instructional program of the District lies with the Board.

Objectives

In this policy, “instructional resources” includes both instructional materials and library materials.

Instructional materials may include textbooks, supplementary resources for classroom use, and any other instructional resources, including electronic resources, used for formal or informal teaching and learning purposes. The primary objectives of instructional materials are to implement, enrich, and support the District’s educational program.

Library materials may include printed and electronic library acquisitions and other ancillary or supplementary materials maintained in a campus library. In accordance with state and local guidelines, library collections should enrich and support the state and local curriculum. Collections should also provide materials of high interest to encourage student reading and learning for pleasure.

Library materials may be used to enhance the instructional program, for formal or informal teaching and learning purposes, and for voluntary inquiry or self-selected reading.

In accordance with state and local standards, school libraries are essential interactive collaborative learning environments, ever evolving to provide equitable physical and virtual access to ideas, information, and learning tools for the entire school community.

School libraries are essential, safe, and inviting centers for teaching and learning that provide equitable access to emerging technologies and physical and virtual collections of high quality, reflecting input from stakeholders.

Selection

Instructional Resources

Administrators, teachers, librarians, other District personnel, parents, and community members, as appropriate, may recommend instructional resources for selection.

The Board shall rely on District professional staff to select and acquire instructional resources that:

1. Enrich and support the curriculum consistent with the general educational goals of the state and District, the aims and objectives of individual schools and specific courses, and the District and campus improvement plans.
2. Are appropriate for the subject area and for the age, ability level, learning styles, interests, and social and emotional development of the students for whom they are selected.
3. Meet high standards for artistic quality, literary style, authenticity, educational significance, factual content, physical format, presentation, readability, and technical quality.
4. Present various sides of controversial issues so that students have an opportunity to develop, under guidance, skills in critical analysis and in making informed judgments in their daily lives. [See also EMB regarding instruction about controversial issues.]
5. Promote literacy.

Selection of resources is an ongoing process that includes the removal of resources no longer appropriate and the periodic replacement or repair of resources that still have educational value.

Additional Instructional Materials

In addition to the criteria above, District professional staff may select additional instructional materials in accordance with administrative regulations.

Library Materials

In addition to the criteria above, librarians and other professional staff shall ensure that library materials:

1. Develop a balanced collection presenting multiple viewpoints related to controversial issues to foster critical thinking skills and encourage discussion based on rational analysis [see EMB regarding instruction about controversial issues];
2. Represent many ethnic, religious, and cultural groups and their contributions to the national heritage and world community;
3. Provide a wide range of background information that will enable students to make intelligent decisions in their daily lives;
4. Demonstrate literary merit, quality, value, and significance;

5. Have received favorable professional library reviews from state- and nationally recognized review publications;
6. Have received state or national awards or are included on recommended reading lists developed by library professionals and educators;
7. Cover topics, authors, series, or genres that fill gaps in the school library collection;
8. Include accurate and authentic factual content from authoritative sources;
9. Have a high degree of potential user appeal and interest;
10. Offer a global perspective that promotes equity of access, including print and nonprint materials such as electronic and multimedia, to meet the needs of individual learners;
11. Are requested or recommended by students and teachers;
12. Mirror selections found in neighboring districts or libraries in the region; and
13. Represent diverse viewpoints and cultures appropriate to each campus to ensure the collection embodies the unique background of its student population.

Gifts

Gifts of instructional resources shall be evaluated according to the provisions above and accepted or rejected in accordance with CDC(LOCAL).

Protection from Inappropriate Material

Library materials shall not include "harmful material" as defined by Penal Code 43.24(a)(2) or "obscene" material as defined by Penal Code 43.21(a)(1).

Library materials shall comply with the Children's Internet Protection Act (CIPA), including technology protection measures. [See CQ]

Challenged Resources

A parent of a District student, a student who is 18 years of age or older, an individual employee, or any District resident may challenge an instructional resource used in the District's educational program on the basis that the instructional resources fail to meet the standards set forth in this policy.

Guiding Principles

The following principles shall guide the Board and staff in responding to challenges of instructional resources:

1. A complainant may raise an objection to an instructional resource used in a school's educational program, despite the fact that the professional staff selecting the resources were qualified to make the selection, followed the proper proce-

dure and adhered to the objectives and criteria for instructional resources set out in this policy.

2. A parent's ability to exercise control over instruction extends only to his or her own child as set forth in Education Code Chapter 26.
3. Access to a challenged resource shall not be restricted during the reconsideration process, except the District may deny access to a child if requested by the child's parent.

The major criterion for the final decision on challenged resources is the appropriateness of the resource for its intended educational use. No challenged instructional resource shall be removed solely because of the ideas expressed therein.

Informal Reconsideration

When the District or a campus receives an objection about the appropriateness of an instructional resource, the appropriate administrator shall try to resolve the matter informally. The administrator shall explain the selection process and discuss the intended educational purpose for the instructional resource. If appropriate, the administrator may offer a concerned parent an alternative instructional resource to be used by that parent's child in place of the challenged material.

If the complainant wishes to make a formal challenge, the administrator shall provide the complainant a copy of this policy and a form to request a formal reconsideration of the instructional resource.

Formal Reconsideration

A complainant shall make any formal objection to an instructional resource on the form provided by the District and shall submit the completed and signed form to the principal. Upon receipt of the form, the principal shall appoint a reconsideration committee.

The reconsideration committee shall include at least one member of the instructional staff who has experience using the challenged resource with students or is familiar with the challenged resource's content. Other members of the committee may include District-level staff, library staff, secondary-level students, parents, and any other appropriate individuals. The committee shall be comprised of a minimum of five members and shall have an odd number of voting members.

All members of the committee shall review the challenged instructional resource in its entirety. As soon as reasonably possible, the committee shall meet and determine whether the challenged resource conforms to the principles of selection set out in this policy and whether the challenged material will continue to be used in the

educational program. The committee shall weigh the strengths and weaknesses of the challenged material as a whole rather than on passages or sections that may be taken out of context. The committee shall prepare a written report of its findings. The Superintendent, other appropriate administrators, and the complainant shall receive copies of the report.

Frequency of Review

After a challenged instructional resource has been reviewed through formal reconsideration, it shall not be reviewed again until it is evaluated in the state adoption process. If there is not a state adoption process for the challenged instructional resource, it will not be reviewed again for a period of no less than five years.

Appeal

The complainant may appeal the decision of the reconsideration committee in accordance with appropriate complaint policies, starting at the appropriate level. [See DGBA, FNG, and GF]

Maintenance of Library Materials

In accordance with state and local guidelines, collections shall be evaluated and updated regularly based on the collections' age, relevance, diversity, and variety. The Superintendent shall ensure administrative procedures are established for regular maintenance of the library collection on each campus. Standard maintenance procedures for any library collection include repair, replacement, and removal of materials as necessary. Regular maintenance shall also include scheduled inventories of the collection. Disposal of any District-owned library materials shall be in accordance with District policy and procedures.

Emergency Operations Plan

The Superintendent shall ensure updating of the District's emergency operations plan and ongoing staff training.

As required by law, the emergency operations plan shall include the District's procedures addressing:

1. Reasonable security measures when District property is used as a polling place;
2. Response to an active shooter emergency;
3. Response to a nearby train derailment, as applicable; and
4. Access to campus buildings and materials necessary for a substitute teacher to carry out the duties of a District employee during an emergency or an emergency drill.

Complaints

In this policy, the terms “complaint” and “grievance” shall have the same meaning.

Other Complaint Processes

Student or parent complaints shall be filed in accordance with this policy, except as required by the policies listed below. Some of these policies require appeals to be submitted in accordance with FNG after the relevant complaint process:

1. Complaints alleging discrimination or harassment based on race, color, religion, sex, gender, national origin, age, or disability shall be submitted in accordance with FFH.
2. Complaints concerning dating violence shall be submitted in accordance with FFH.
3. Complaints concerning retaliation related to discrimination and harassment shall be submitted in accordance with FFH.
4. Complaints concerning bullying or retaliation related to bullying shall be submitted in accordance with FFI.
5. Complaints concerning failure to award credit or a final grade on the basis of attendance shall be submitted in accordance with FEC.
6. Complaints concerning expulsion shall be submitted in accordance with FOD and the Student Code of Conduct.
7. Complaints concerning any final decisions of the gifted and talented selection committee regarding selection for or exit from the gifted program shall be submitted in accordance with EHBB.
8. Complaints within the scope of Section 504, including complaints concerning identification, evaluation, or educational placement of a student with a disability, shall be submitted in accordance with FB and the procedural safeguards handbook.
9. Complaints within the scope of the Individuals with Disabilities Education Act, including complaints concerning identification, evaluation, educational placement, or discipline of a student with a disability, shall be submitted in accordance with EHBAE, FOF, and the procedural safeguards handbook provided to parents of all students referred to special education.
10. Complaints concerning instructional resources shall be submitted in accordance with the EF series.

11. Complaints concerning a commissioned peace officer who is an employee of the District shall be submitted in accordance with CKE.

12. Complaints concerning intradistrict transfers or campus assignment shall be submitted in accordance with FDB.

13. Complaints concerning admission, placement, or services provided for a homeless student shall be submitted in accordance with FDC.

14. Complaints concerning disputes regarding a student's eligibility for free or reduced-priced meal programs shall be submitted in accordance with COB.

Complaints regarding refusal of entry to or ejection from District property based on Education Code 37.105 shall be filed in accordance with this policy. However, the timelines shall be adjusted as necessary to permit the complainant to address the Board in person within 90 calendar days of filing the initial complaint, unless the complaint is resolved before the Board considers it. [See GKA(LEGAL)]

Notice to Students and Parents

The District shall inform students and parents of this policy through appropriate District publications.

Guiding Principles

Informal Process

The Board encourages students and parents to discuss their concerns with the appropriate teacher, principal, or other campus administrator who has the authority to address the concerns. Concerns should be expressed as soon as possible to allow early resolution at the lowest possible administrative level.

Informal resolution shall be encouraged but shall not extend any deadlines in this policy.

Formal Process

A student or parent may initiate the formal process described below by timely filing a written complaint form.

Even after initiating the formal complaint process, students and parents are encouraged to seek informal resolution of their concerns. A student or parent whose concerns are resolved may withdraw a formal complaint at any time.

The process described in this policy shall not be construed to create new or additional rights beyond those granted by law or Board policy, nor to require a full evidentiary hearing or "mini-trial" at any level.

Freedom from Retaliation

Neither the Board nor any District employee shall unlawfully retaliate against any student or parent for bringing a concern or complaint.

General Provisions

Filing

Complaint forms and appeal notices may be filed by hand-delivery, by electronic communication, including email and fax, or by U.S. Mail. Hand-delivered filings shall be timely filed if received by the appropriate administrator or designee by the close of business on the deadline. Filings submitted by electronic communication shall be timely filed if they are received by the close of business on the deadline, as indicated by the date/time shown on the electronic communication. Mail filings shall be timely filed if they are post-marked by U.S. Mail on or before the deadline and received by the appropriate administrator or designated representative no more than three days after the deadline.

Scheduling Conferences

The District shall make reasonable attempts to schedule conferences at a mutually agreeable time. If a student or parent fails to appear at a scheduled conference, the District may hold the conference and issue a decision in the student's or parent's absence.

Response

At Levels One and Two, "response" shall mean a written communication to the student or parent from the appropriate administrator. Responses may be hand-delivered, sent by electronic communication to the student's or parent's email address of record, or sent by U.S. Mail to the student's or parent's mailing address of record. Mailed responses shall be timely if they are postmarked by U.S. Mail on or before the deadline.

Days

"Days" shall mean calendar days. In calculating timelines under this policy, the day a document is filed is "day zero." The following day is "day one."

Representative

"Representative" shall mean any person who or organization that is designated by the student or parent to represent the student or parent in the complaint process. A student may be represented by an adult at any level of the complaint.

The student or parent may designate a representative through written notice to the District at any level of this process. If the student or parent designates a representative with fewer than three days' notice to the District before a scheduled conference or hearing, the District may reschedule the conference or hearing to a later date, if desired, in order to include the District's counsel. The District may be represented by counsel at any level of the process.

Consolidating Complaints

Complaints arising out of an event or a series of related events shall be addressed in one complaint. A student or parent shall not file separate or serial complaints arising from any event or series of events that have been or could have been addressed in a previous complaint.

Untimely Filings

Complaints that are not filed in accordance with the timelines shall be dismissed. No administrator shall have the authority to extend a deadline for filing a complaint. The student or parent may appeal the dismissal by seeking review in writing within ten days, starting at the level at which the complaint was dismissed. Such appeal shall be limited to the issue of timeliness. All appeals challenging the determination of timeliness shall be filed in writing and state the reason the student or parent believes the complaint was timely filed. For appeals of timeliness only, the student or parent shall not be entitled to make a personal presentation at any grievance level on the subject. Rather a determination shall be made solely on the written documentations provided by the student or parent in connection with their appeal.

Costs Incurred

Each party shall pay its own costs incurred in the course of the complaint.

Complaint and Appeal Forms

Complaints and appeals under this policy shall be submitted in writing on a form provided by the District.

Copies of any documents that support the complaint should be attached to the complaint form. If the student or parent does not have copies of these documents, copies may be presented at the Level One conference. After the Level One conference, no new documents may be submitted by the student or parent unless the student or parent did not know the documents existed before the Level One conference.

A complaint or appeal form that is incomplete in any material aspect may be dismissed but may be refiled with all the required information if the refiling is within the designated time for filing.

Level One

Complaint forms must be filed:

1. Within 15 days of the date the student or parent first knew, or with reasonable diligence should have known, of the decision or action giving rise to the complaint or grievance; and
2. With the lowest level administrator who has the authority to remedy the alleged problem.

   In most circumstances, students and parents shall file Level One complaints with the campus principal.

If the complaint is not filed with the appropriate administrator, the receiving administrator must note the date and time the complaint form was received and within one business day forward the complaint form to the appropriate administrator.

The appropriate administrator shall investigate as necessary and schedule a conference with the student or parent within ten days after receipt of the written complaint. The administrator may set reasonable time limits for the conference.

Absent extenuating circumstances, the administrator shall provide the student or parent a written response within ten days following the conference. The written response shall set forth the basis of the decision. In reaching a decision, the administrator may consider information provided at the Level One conference and any other relevant documents or information the administrator believes will help resolve the complaint.

Level Two

If the student or parent did not receive the relief requested at Level One or if the time for a response has expired, the student or parent may request a conference with the Superintendent or designee to appeal the Level One decision.

The appeal notice must be filed in writing, on a form provided by the District, within ten days of the date of the written Level One response or, if no response was received, within ten days of the Level One response deadline.

After receiving notice of the appeal, the Level One administrator shall prepare and forward a record of the Level One complaint to the Level Two administrator. The student or parent may request a copy of the Level One record.

The Level One record shall include:

1. The original complaint form and any attachments.
2. All other documents submitted by the student or parent at Level One.
3. The written response issued at Level One and any attachments.
4. All other documents relied upon by the Level One administrator in reaching the Level One decision.

The Superintendent or designee shall schedule a conference within ten days after the appeal notice is filed. The conference shall be limited to the issues and documents considered at Level One. At the conference, the student or parent may provide information concerning any documents or information relied upon by the administration for the Level One decision. The Superintendent or designee may set reasonable time limits for the conference.

The Superintendent or designee shall provide the student or parent a written response within ten days following the conference. The

written response shall set forth the basis of the decision. In reaching a decision, the Superintendent or designee may consider the Level One record, information provided at the Level Two conference, and any other relevant documents or information the Superintendent or designee believes will help resolve the complaint.

Recordings of the Level One and Level Two conferences, if any, shall be maintained with the Level One and Level Two records.

Level Three

If the student or parent did not receive the relief requested at Level Two or if the time for a response has expired, the student or parent may appeal the decision to the Board.

The appeal notice must be filed in writing, on a form provided by the District, within ten days of the date of the written Level Two response or, if no response was received, within ten days of the Level Two response deadline.

If the appeal notice is untimely, not on the District's form, or incomplete in any material way, the Superintendent, after consultation with the Board President, may dismiss the complaint and provide written notice of dismissal to the complainant.

The Superintendent or designee shall inform the student or parent of the date, time, and place of the Board meeting at which the complaint will be on the agenda for presentation to the Board.

The Superintendent or designee shall provide the Board the record of the Level Two appeal. The student or parent may request a copy of the Level Two record.

The Level Two record shall include:

1. The Level One record.
2. The notice of appeal from Level One to Level Two.
3. The written response issued at Level Two and any attachments.
4. All other documents relied upon by the administration in reaching the Level Two decision.

The appeal shall be limited to the issues and documents considered at Level Two, except that if at the Level Three hearing the administration intends to rely on evidence not included in the Level Two record, the administration shall provide the student or parent notice of the nature of the evidence at least three days before the hearing.

The District shall determine whether the complaint will be presented in open or closed meeting in accordance with the Texas Open Meetings Act and other applicable law. [See BE]

The presiding officer may set reasonable time limits and guidelines for the presentation, including an opportunity for the student or parent and administration to each make a presentation and provide rebuttal and an opportunity for questioning by the Board. The Board shall hear the complaint and may request that the administration provide an explanation for the decisions at the preceding levels.

In addition to any other record of the Board meeting required by law, the Board shall prepare a separate record of the Level Three presentation. The Level Three presentation, including the presentation by the student or parent or the student's representative, any presentation from the administration, and questions from the Board with responses, shall be recorded by audio recording, video/audio recording, or court reporter.

The Board shall then consider the complaint. It may give notice of its decision orally or in writing at any time up to and including the next regularly scheduled Board meeting. If the Board does not make a decision regarding the complaint by the end of the next regularly scheduled meeting, the lack of a response by the Board upholds the administrative decision at Level Two.

Student Code of Conduct

The District's rules of discipline are maintained in the Board-adopted Student Code of Conduct and are established to support an environment conducive to teaching and learning.

Rules of conduct and discipline shall not have the effect of discriminating on the basis of gender, race, color, disability, religion, ethnicity, or national origin.

At the beginning of the school year and throughout the school year as necessary, the Student Code of Conduct shall be:

1. Posted and prominently displayed at each campus or made available for review in the principal's office, as required by law; and
2. Made available on the District's website and/or as a hard copy to students, parents, teachers, administrators, and others on request.

Revisions

Revisions to the Student Code of Conduct approved by the Board during the year shall be made available promptly to students and parents, teachers, administrators, and others.

Extracurricular Standards of Behavior

With the approval of the principal and Superintendent, sponsors and coaches of extracurricular activities may develop and enforce standards of behavior that are higher than the District-developed Student Code of Conduct and may condition membership or participation in the activity on adherence to those standards. Extracurricular standards of behavior may take into consideration conduct that occurs at any time, on or off school property.

A student shall be informed of any extracurricular behavior standards at the beginning of each school year or when the student first begins participation in the activity. A student and his or her parent shall sign and return to the sponsor or coach a statement that they have read the extracurricular behavior standards and consent to them as a condition of participation in the activity.

Standards of behavior for an extracurricular activity are independent of the Student Code of Conduct. Violations of these standards of behavior that are also violations of the Student Code of Conduct may result in independent disciplinary actions.

A student may be removed from participation in extracurricular activities or may be excluded from school honors for violation of extracurricular standards of behavior for an activity or for violation of the Student Code of Conduct.

"Parent" Defined

Throughout the Student Code of Conduct and discipline policies, the term "parent" includes a parent, legal guardian, or other person having lawful control of the child.

General Discipline Guidelines

A District employee shall adhere to the following general guidelines when imposing discipline:

1. A student shall be disciplined when necessary to improve the student's behavior, to maintain order, or to protect other students, school employees, or property.
2. A student shall be treated fairly and equitably. Discipline shall be based on an assessment of the circumstances of each case. Factors to consider shall include:
    a. The seriousness of the offense;
    b. The student's age;
    c. The frequency of misconduct;
    d. The student's attitude;
    e. The potential effect of the misconduct on the school environment;
    f. Requirements of Chapter 37 of the Education Code; and
    g. The Student Code of Conduct adopted by the Board.
3. Before a student under 18 is assigned to detention outside regular school hours, notice shall be given to the student's parent to inform him or her of the reason for the detention and permit arrangements for necessary transportation.

Corporal Punishment

The Board prohibits the use of corporal punishment in the District. Students shall not be spanked, paddled, or subjected to other physical force as a means of discipline for violations of the Student Code of Conduct.

Physical Restraint

Note: A District employee may restrain a student with a disability who receives special education services only in accordance with law. [See FOF(LEGAL)]

Within the scope of an employee's duties, a District employee may physically restrain a student if the employee reasonably believes restraint is necessary in order to:

1. Protect a person, including the person using physical restraint, from physical injury.

2. Obtain possession of a weapon or other dangerous object.
3. Protect property from serious damage.
4. Remove a student refusing a lawful command of a school employee from a specific location, including a classroom or other school property, in order to restore order or to impose disciplinary measures.

Video and Audio Monitoring

Video and audio recording equipment shall be used for safety purposes to monitor student behavior on District property.

The District shall post signs notifying students and parents about the District's use of video and audio recording equipment. Students shall not be notified when the equipment is turned on.

Use of Recordings

The principal shall review recordings as needed, and evidence of student misconduct shall be documented. A student found to be in violation of the District's Student Code of Conduct shall be subject to appropriate discipline.

Access to Recordings

Recordings shall remain in the custody of the campus principal and shall be maintained as required by law. A parent or student who wishes to view a recording in response to disciplinary action taken against the student may request such access under the procedures set out by law. [See FL(LEGAL)]

SUBJECT: Approval of First Reading Changes to Board Policy AF(LOCAL)-Innovation Districts

PRESENTER: Lorena Garcia, Deputy Superintendent for Support Services

BACKGROUND INFORMATION

The Mission CISD District of Innovation Committee (District Education Improvement Council) met to review the current plan and seek input on November 3, 2022, regarding the District of Innovation Renewal Process. This was presented to the Board of Trustees on November 16th.

On January 12, 2023, the Mission CISD District of Innovation Committee (District Education Improvement Council) established under the Texas Education Code (TEC), §11.251, held a public meeting to consider the final version of the proposed plan and approved the plan by a majority unanimous vote of the committee member. On January 13, 2023, the final version of the proposed plan is posted on the district's website for at least 30 days.

On February 15, 2023, the Mission CISD Board of Trustees met to consider renewing the proposed local innovation plan by an affirmative vote of two-thirds of the membership of the board. The vote was unanimous 7 in favor and none opposed.

ADMINISTRATIVE CONSIDERATIONS

Board Policy AF(LOCAL) states that "the plan exemptions addressing flexibility with the District calendar and school start date and teacher certification for persons providing instruction in career and technical education (CTE) courses shall not be amended prior to the established term of the innovation plan." The policy is being revised to remove the reference to the prior DOI timeframe as the new one will be in effect beginning the 2023-2024 school year.

FUNDING SOURCE AND AMOUNT N/A

RECOMMENDATION

Approval of First Reading Changes to Board Policy AF(LOCAL)-Innovation Districts.

CONTACT PERSON (S)

Lorena Garcia, Deputy Superintendent for Support Services
Craig Verley, Director of Public Relations and Marketing
David Hansen, Legal Counsel

In accordance with state law, the District has completed all requirements for designation as an innovation district, and the Board has adopted an innovation plan.[1]

~~The term of the District's innovation plan shall be for 4.5 years, beginning with the adoption of the plan on March 20, 2019, and concluding at the end of the 2022–23 school year, unless terminated earlier by the Board.~~ The plan exemptions addressing flexibility with the District calendar and school start date and teacher certification for persons providing instruction in career and technical education (CTE) courses shall not be amended prior to the established term of the innovation plan.

[1] Innovation Plan: https://www.mcisd.net/

SUBJECT: Award Contract for Installation of Data Center CRAC A/C Unit #TIPS 211001

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

This contract intends to provide a method to procure Data Center CRA AC Unit to meet the District's needs.

ADMINISTRATIVE CONSIDERATIONS

The purchase will be made using Inter-local Purchasing Co-op. Using an Inter-local Purchasing Co-op complies with purchase requirements of TEC 44.031 (a)(4) and local board policy requiring an approved purchasing method for contracts valued at $50,000 or greater.

A summary of the response review and evaluation process is as follows:

1. Number of responses received: 3
2. Number of responses planning to award: 1

FUNDING SOURCE AND AMOUNT

Respective Department Budget **$85,206**
Estimated Expenditure

RECOMMENDATION

Administration recommends awarding the contract to Telepro Communications.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Noe A. Pena, Director for Technology Systems
Anabel Garza, Coordinator for Purchasing

FY2023 Term Contract:	Installation of Data Center CRAC A/C #TIPS 211001
Awarded To:	1. Telepro Communications
Term:	One Time Purchase
Term Period :	March 2023 – Completion

Mission Consolidated Independent School District
Tabulation Form
Installation of Data Center CRAC AC Unit

VENDOR NAME:		Insight Public Sector			SHI Government			Telepro Communications		
		Contact Name: James			Contact Name: Joseph Marronaro			Contact Name:		
		Phone # 480-366-7154			Phone # 732-868-8754			Phone #		
		Email jsawyers@insight.com			Email joseph_marronaro@shi.com			Email		
Qty	**Detailed Desc**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**
1	Data Center CRA A/C Unit Installation	DIR	$ 157,591.00	$ 157,591.00		$ 96,441.96	$ 96,441.96	TIPS 211001	$ 85,206.00	$ 85,206.00
Total				$ 157,591.00			$ 96,441.96			$ 85,206.00

Note:	

SUBJECT: Award Purchase of District Chromebooks 3 #DIR-CPO-4839

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

This contract intends to provide a method to procure District Chromebooks to meet the District's needs.

ADMINISTRATIVE CONSIDERATIONS

The purchase will be made using Inter-local Purchasing Co-op. Using an Inter-local Purchasing Co-op complies with purchase requirements of TEC 44.031 (a)(4) and local board policy requiring an approved purchasing method for contracts valued at $50,000 or greater.

A summary of the response review and evaluation process is as follows:

1. Number of responses received: 3
2. Number of responses planning to award: 1

FUNDING SOURCE AND AMOUNT

Federal Funds	$1,062,730
Emergency Connectivity Fund (ECF)	136,670
Total	**$1,199,400**

RECOMMENDATION

Administration recommends awarding the contract to CDW.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Kim Risica, Ex. Director for Special Programs and School Improvement
Noe A. Pena, Director for Technology Systems
Anabel Garza, Coordinator for Purchasing

FY2023 Term Contract:	District Chromebooks 3 #DIR-CPO-4839
Awarded To:	1. CDW
Term:	One Time Purchase
Term Period :	March 2023 – Completion

Mission Consolidated Independent School District
Tabulation Form
District Chromebooks 3

VENDOR NAME:		Abacus Computers Inc			CDW			GovConnection Inc		
		Contact Name:		Jaclyn Singh	Contact Name:		Mike Smith	Contact Name:		Brian K Massey
		Phone #		432-687-5424	Phone #		866-691-7123	Phone #		800-800-0019
		Email			Email		miksmit@cdwg.com	Email		
Qty	**Detailed Desc**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**
4000	HP Chromebook	DIR-TSO-4159	$ 228.00	$ 912,000.00	DIR-CPO-4839	$ 175.50	$ 702,000.00		$ 211.99	$ 847,960.00
4000	Google Chrome License		$ 30.00	$ 120,000.00		$ 74.25	$ 297,000.00		$ 103.27	$ 413,080.00
4000	HP Care Pack 3 year		$ 84.00	$ 336,000.00		$ 30.00	$ 120,000.00		$ 31.48	$ 125,920.00
4000	Max Cases		$ 31.00	$ 124,000.00		$ 20.10	$ 80,400.00		23.58	$ 94,320.00
Total				$ 1,492,000.00			$ 1,199,400.00			$ 1,481,280.00

Note:	
	Daisy D Cuevas 2/14/2023

SUBJECT: Award Purchase of Desktop Computers #DIR-TSO-3763

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

This contract intends to provide a method to procure Desktop Computers to meet the District's needs.

ADMINISTRATIVE CONSIDERATIONS

The purchase will be made using Inter-local Purchasing Co-op. Using an Inter-local Purchasing Co-op complies with purchase requirements of TEC 44.031 (a)(4) and local board policy requiring an approved purchasing method for contracts valued at $50,000 or greater.

A summary of the response review and evaluation process is as follows:

1. Number of responses received: 1
2. Number of responses planning to award: 1

FUNDING SOURCE AND AMOUNT

State and Federal Funds **$134,029**
Estimated Expenditure

RECOMMENDATION

Administration recommends awarding the contract to Dell Technologies.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Kim Risica, Ex. Director for Special Programs and School Improvement
Noe A. Pena, Director for Technology Systems
Anabel Garza, Coordinator for Purchasing

FY2023 Term Contract:	Desktop Computers #DIR-TSO-3763
Awarded To:	1. Dell
Term:	One Time Purchase
Term Period :	February 2023 – Completion

A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your **Premier page**, or, if you do not have Premier, use this **Quote to Order**.

Quote No.	**3000143944076.1**	Sales Rep	Kim Meredith
Total	**$134,029.35**	Phone	(800) 456-3355, 6180235
Customer #	124918233	Email	Kim_Meredith@Dell.com
Quoted On	Feb. 08, 2023	**Billing To**	ACCOUNTS PAYABLE MISSION CISD 1201 BRYCE DR MISSION, TX 78572-4311
Expires by	Mar. 10, 2023		
Contract Name	Texas Department of Information Resources (TX DIR)		
Contract Code	C000000006841		
Customer Agreement #	TX DIR-TSO-3763		
Deal ID	24880593		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you are ready to place an order. Thank you for shopping with Dell!

Regards,
Kim Meredith

Shipping Group

Shipping To

FIXED ASSETS
MISSION CISD
925 E BUSINESS HWY 83
ASSETS MANAGEMENT/ WHSE
MISSION, TX 78572-4919
(956) 323-8900

Shipping Method

Standard Delivery

Product	Unit Price	Quantity	Subtotal
OptiPlex 7000 Tower	**$1,090.88**	**105**	**$114,542.40**
Dell 24 Monitor - P2422H, 60.5cm (23.8")	**$185.59**	**105**	**$19,486.95**

Dell Marketing LP. U.S. only. Dell Marketing LP. is located at One Dell Way, Mail Stop 8129, Round Rock, TX 78682

Subtotal:	**$134,029.35**
Shipping:	**$0.00**
Environmental Fee:	**$0.00**
Non-Taxable Amount:	**$134,029.35**
Taxable Amount:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$134,029.35**

Special pricing may be available for qualified customers. Please contact your DFS Sales Representative for details.

Dell Marketing LP. U.S. only. Dell Marketing LP. is located at One Dell Way, Mail Stop 8129, Round Rock, TX 78682

Shipping Group Details

Shipping To

FIXED ASSETS
MISSION CISD
925 E BUSINESS HWY 83
ASSETS MANAGEMENT/ WHSE
MISSION, TX 78572-4919
(956) 323-8900

Shipping Method

Standard Delivery

		Quantity	Subtotal
OptiPlex 7000 Tower Estimated delivery if purchased today: Feb. 28, 2023 Contract # C000000006841 Customer Agreement # TX DIR-TSO-3763	**$1,090.88**	**105**	**$114,542.40**

Description	SKU	Unit Price	Quantity	Subtotal
OptiPlex 7000 Tower	210-BDEI	-	105	-
12th Generation Intel Core i7-12700 (12 Cores/25MB/20T/2.1GHz to 4.9GHz/65W)	338-CCYP	-	105	-
Windows 10 Pro (Includes Windows 11 Pro License) English, French, Spanish	619-AQMP	-	105	-
No Microsoft Office License Included	658-BCSB	-	105	-
16GB (1X16GB) DDR5 Non-ECC Memory	370-AGWV	-	105	-
M.2 2230 256GB PCIe NVMe Class 35 Solid State Drive	400-BEUW	-	105	-
M.2 22x30 Thermal Pad	412-AAQT	-	105	-
M2X3.5 Screw for SSD/DDPE	773-BBBC	-	105	-
Additional 2.5 inch 1TB 7200rpm Hard Disk Drive	401-ACDH	-	105	-
NO RAID	817-BBBN	-	105	-
AMD Radeon RX 640 4GB FH (DP/mDP/mDP)	490-BHRM	-	105	-
260 W internal power supply unit (PSU), 85% Efficient, 80 Plus Bronze	329-BGNP	-	105	-
System Power Cord (Philipine/TH/US)	450-AAOJ	-	105	-
DVD+/-RW Bezel	325-BDLS	-	105	-
8x DVD+/-RW 9.5mm Slimline Optical Disk Drive	429-ABFH	-	105	-
CMS Essentials DVD no Media	658-BBTV	-	105	-
No Media Card Reader	385-BBCR	-	105	-
No Additional Add In Cards	382-BBHX	-	105	-
Optional VGA Video Port	382-BBFW	-	105	-
Dell Pro Wireless Keyboard and Mouse - KM5221W - English - Black	580-AJJG	-	105	-
Mouse included with Keyboard	570-AADI	-	105	-
No Cover Selected	325-BCZQ	-	105	-
SupportAssist	525-BBCL	-	105	-
Dell(TM) Digital Delivery Cirrus Client	640-BBLW	-	105	-
Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps)	658-BBMR	-	105	-
Waves Maxx Audio	658-BBRB	-	105	-
Dell SupportAssist OS Recovery Tool	658-BEOK	-	105	-

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Dell Optimizer	658-BEQP	-	105	-
IRST Driver	658-BFKI	-	105	-
ENERGY STAR Qualified	387-BBLW	-	105	-
Dell Watchdog Timer	379-BESJ	-	105	-
Quick Start Guide	340-CYKS	-	105	-
Trusted Platform Module (Discrete TPM Enabled)	329-BBJL	-	105	-
Shipping Material	340-CNZU	-	105	-
Shipping Label	389-BBUU	-	105	-
Regulatory Label for OptiPlex 7000 Tower 260W	389-ECQW	-	105	-
Bracket for 1x 2.5 inch Hard Drive Disk	575-BBZY	-	105	-
Intel Core i7 Processor Label	340-CUEQ	-	105	-
Desktop BTO Standard shipment	800-BBIO	-	105	-
Custom Configuration	817-BBBB	-	105	-
Internal Speaker	520-AARD	-	105	-
No Additional Network Card Selected (Integrated NIC included)	555-BBJO	-	105	-
EPEAT 2018 Registered (Gold)	379-BDZB	-	105	-
In-Band Systems Management	631-ADGG	-	105	-
Dell Limited Hardware Warranty Plus Service	812-3886	-	105	-
ProSupport: 7x24 Technical Support, 3 Years	812-3894	-	105	-
ProSupport: Next Business Day Onsite 3 Years	812-3908	-	105	-
Thank you choosing Dell ProSupport. For tech support, visit //support.dell.com/ProSupport	989-3449	-	105	-
Client ProSupport Asset Label without Company Name	365-0530	-	105	-
CFI,Information,VAL,CHASSISDEF,Factory Install	377-8262	-	105	-
			Quantity	**Subtotal**
Dell 24 Monitor - P2422H, 60.5cm (23.8")		**$185.59**	**105**	**$19,486.95**

Estimated delivery if purchased today:
Feb. 15, 2023
Contract # C000000006841
Customer Agreement # TX DIR-TSO-3763

Description	SKU	Unit Price	Quantity	Subtotal
Dell 24 Monitor - P2422H, 60.5cm (23.8")	210-BBCC	-	105	-
Dell Limited Hardware Warranty	814-5380	-	105	-
Advanced Exchange Service, 3 Years	814-5381	-	105	-

Subtotal:	**$134,029.35**
Shipping:	**$0.00**
Environmental Fee:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$134,029.35**

Dell Marketing LP. U.S. only. Dell Marketing LP. is located at One Dell Way, Mail Stop 8129, Round Rock, TX 78682

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier´s affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dellemc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

^DELL BUSINESS CREDIT (DBC): Offered to business customers by WebBank, who determines qualifications for and terms of credit. Taxes, shipping and other charges are extra and vary. The Total Minimum Payment Due is the greater of either $20 or 3% of the New Balance shown on the statement rounded up to the next dollar, plus all past due amounts. Dell and the Dell logo are trademarks of Dell Inc.

SUBJECT: Approval of Donations

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

In accordance with Board Policy CDC (Legal), all bequest of property for the benefit of the public schools shall, when not otherwise directed by the grantor, vest the property in the Board. Funds or other property donated, or the income therefrom, may be expended:

1. For any purpose designated by the donor that is in keeping with the lawful purposes of the schools that are to benefit from the donation; or
2. For any legal purpose if the donor designated no specific purpose.

The district receives donations from various sources throughout the school year. The majority of donations are given to the student activity funds to be used for student travel and awards. Some donations are in cash and some are non-cash, such as equipment, food, and services.

AMINISTRATION CONSIDERATION

For the period reported, total donations were $3,213.80. The largest cash donation received was $1,000 and the largest non-cash donation received was $0. These donations benefit our students.

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION:

Approval of donations.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Dora Garcia, Director for Budget and Finance
Alyssa Gonzales, Accountant

Mission Consolidated Independent School District
Donations February 2023

Date	Campus / Scholarship	Cash	Non-Cash	Donor	Purpose
01/12/23	Mission Jr. High School	1,500.00		Jacqueline Perez	6 $250 scholarships for students
01/27/23	Mission High School	300.00		Andres Alcantar, Luis Garza, & Marissa Garza	For the MHS construction club to use for supplies, equipment, travel, awards, and food.
02/15/23	Mission High School	100.00		Andres Alcantar	For the MHS construction club to use for supplies, equipment, travel, awards, and food.
02/07/23	Veterans Memorial High School	313.80		Anchor Benefits Group (David Martinez)	6 JV Batting Helments
01/26/23	Alton Memorial Jr. High	1,000.00		Charitites Aid Foundation American c/o Cybergrants, LLC	To support one more programs at the campus
	Total donations	$ 3,213.80	$ -		

SCHOLARSHIP DONATION FORM

MJH Campus Scholarship
Name of Scholarship

1-30-23
Date

Jacqueline Perez
Name of Donor

1703 Sandstone Dr
Address

Mission TX 78574
City, State, Zip

956-780-0417
Telephone Number

1. 1,500
Scholarship Donation Amount ☐ Money Order ☐ Credit Card ☐ Inter-Departmental Charges Form

154

GUIDELINES:

2. The number of scholarships 6

3. Each scholarship will be in the amount of $ 250

One time payment **OR** Payed out in equal installments over a period of 8 semesters
circle one

4. The scholarship is available to students of :

☑ Mission High School ☑ Veterans Memorial High School ☑ Mission Collegiate HS

5. Recipient will be selected by

☑ campus scholarship committee ☐ donor

6. In order to receive scholarship payment the recipient must attend:

☐ college or university ☐ community college ☐ vocational school

☐ other (please specify in restrictions)

7. MCISD requires that scholarships be claimed within 2 years of award or within 2 years of the last payment transaction to the recipient.

☐ initialize

8. Other restrictions as specified by the donor: _____

J. Perez
Donor Signature

1-30-23
Date

Business Office Use

Account Number

Date

Updated 11/2018

MISSION CISD
CASH and INKIND/NONCASH DONATION FORM

MHS CONSTRUCTION CLUB
CAMPUS NAME

1/27/2023
Date

Andres Alcantar, Luis Garza, Marissa Garza
NAME OF DONOR

Address

MISSION, TEXAS 78572
City, State, Zip

Telephone Number

$300.00
DONATION AMOUNT

	Check	Cash	Inkind/Noncash donation
	x		

865-00-2191-032--001-00-000
Revenue Account Number

Check #

155

Description of Noncash donation-(Include an estimated value).

List below any restrictions for this donation: (Attach letter from donor if one is provided)

for MHS CONSTRUCTION CLUB: supplies, equipment , travel, awards, food

Jose E. Mejia II
PRINCIPAL'S SIGNATURE

1/27/2023
Date

Instructions:

This form is to be used whenever a campus receives a donation. Send the original form to the Finance Director and attach a copy to the receipt. The account number should be included and any restrictions stated by the donor. If funds are restricted, call the Business Office for account number. Some grants or donations will be classified as special revenues and require a new grant budget to be set up.

MISSION CISD
CASH and INKIND/NONCASH DONATION FORM

MHS CONSTRUCTION
CAMPUS NAME

2/15/2023
Date

ANDRES ALCANTAR
NAME OF DONOR

Address

MISSION, TEXAS 78572
City, State, Zip

Telephone Number

$100.00
DONATION AMOUNT

	X	
Check	Cash	Inkind/Noncash donation

865-00-2191-032--001-00-000
Revenue Account Number

Check #

Description of Noncash donation-(Include an estimated value).

List below any restrictions for this donation: (Attach letter from donor if one is provided)

For Construction Club awards, travel, supplies

Jose E. Mejia II.
PRINCIPAL'S SIGNATURE

2/15/2023
Date

Instructions:

This form is to be used whenever a campus receives a donation. Send the original form to the Finance Director and attach a copy to the receipt. The account number should be included and any restrictions stated by the donor. If funds are restricted, call the Business Office for account number. Some grants or donations will be classified as special revenues and require a new grant budget to be set up.

MISSION CISD
CASH and INKIND/NONCASH DONATION FORM

Mission Veterans Memorial
CAMPUS NAME

2/7/2023
Date

Anchor Benefits Group (David Matrinez)
NAME OF DONOR

2216 Royal Palms Dr
Address

Mission, TX 78572
City, State, Zip

956-458-0999
Telephone Number

$313.80
DONATION AMOUNT

X		
Check	Cash	Inkind/Noncash donation

087
Revenue Account Number

1508
Check #

Description of Noncash donation-(Include an estimated value).

N/A

List below any restrictions for this donation: (Attach letter from donor if one is provided)

None

PRINCIPAL'S SIGNATURE 2/15/23 Date

Instructions:

This form is to be used whenever a campus receives a donation. Send the original form to the Finance Director and attach a copy to the receipt. The account number should be included and any restrictions stated by the donor. If funds are restricted, call the Business Office for account number. Some grants or donations will be classified as special revenues and require a new grant budget to be set up.

MISSION CISD
CASH and INKIND/NONCASH DONATION FORM

ALTON MEMORIAL JR. HIGH
CAMPUS NAME

1/26/2023
Date

Charities Aid Foundation America c/o Cybergrants LLC
NAME OF DONOR

300 Brickstone Square, Suite 601
Address

Andover, MA 01810
City, State, Zip

Telephone Number

$1,000.00
DONATION AMOUNT

X		
Check	Cash	Inkind/Noncash donation

461.00.5744.002.043.000
Revenue Account Number

1412582
Check #

158

Description of Noncash donation-(Include an estimated value).

Check represents funds disbursed by CyberGrants, LLC on behalf of Charities Aid Foundation of America (CAF America). This donation is recommended by client, The Wonderful Company, in the amount of $1000.00 to support one or more of our programs.

List below any restrictions for this donation: (Attach letter from donor if one is provided)

PRINCIPAL'S SIGNATURE

1-26-23
Date

Instructions:

This form is to be used whenever a campus receives a donation. Send the original form to the Finance Director and attach a copy to the receipt. The account number should be included and any restrictions stated by the donor. If funds are restricted, call the Business Office for account number. Some grants or donations will be classified as special revenues and require a new grant budget to be set up.

Mission Consolidated Independent School District
1201 Bryce Drive● Mission, Texas 78572
● Telephone (956) 323-5505 ● Fax (956) 323-5634
● Website: www.mcisd.net

Board of Trustees Minutes

The Board of Trustees of the Mission Consolidated Independent School District held a **Regular Meeting** on **Wednesday, February 15, 2023, at 6:30 PM** in the **Mission CISD Annex, 925 E. Business HWY. 83, Mission, Tx 78572**.

I. Call Meeting to Order and Establish Quorum

President Veronica R. Mendoza called the meeting to order at 6:43 p.m. The meeting was properly posted; a quorum was present. Board Members present besides Veronica R. Mendoza were Petra B. Ramirez, Iris Iglesias, Roy Vela, Minnie Rodgers, Jerry Zamora, and Dr. Carol G. Perez, Superintendent of Schools. Juan M. Gonzalez joined remotely.

II. Pledge of Allegiance and Moment of Silence

1. **U. S. Flag and Texas Flag –**
2. **Mission Vision Statement -**

III. Comments from the Public

Jim Barnes addressed the Board on Education

IV. Public Comment(s) on a Specific Agenda Item(s)

None

V. Superintendent's Updates and Recognitions

Dr. Carol G. Perez, Superintendent, informed the Board of the following: She stated we do have an update there are lots of things happening in the district. Last school year I received a call from UTRGV and they were asking if we wanted to be part of a grant called Texas Community Engagement Alliance Against COVID-19 and it's a grant acronym CEAL. The purpose of this grant was to have our teenagers, our high school students, record some advertisements through skits through drama to help spread the word on how to combat COVID or best practices, washing hands frequently, watching our distance, wearing a mask when sick, and things like that. We immediately contacted the high school principals and they met with their teachers they were very excited and said yes, we would like to participate, because of that, we are part now of this grant and UTRGV received the award. The Consortium reached out to us to assist them with the goal of supporting research on awareness, education, misinformation, and mistrust around COVID-19 and the promotion of vaccines and acceptance and uptake. This was a collaboration with the UTRGV School of Social Work which provided guidance. Mission High School and Veterans Memorial High School were each tasked to conceptualize, develop, and create COVID-related messages to be disseminated via social media. Each School produced public service announcements. A video was presented.

I just received a call last week from Dr. Hostos, who is the director of the social work program at UTRGV. He told me that the other school district which was part of the grant decided that they were not going to participate. We received $8,000.00 for both schools to develop these videos. Since the other school district decided to pull out and not participate, they are going to be providing those additional $8,000.00, so that our students can produce more of these videos. Our students are the authors; our teachers continue to guide them.

Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction, stated Mr. Flores and Mrs. Wilson have done a tremendous job because they've had to meet every other week on Wednesday afternoons and they've worked with the campuses and their students and teachers. Our students are tremendous they have risen to a level that we've never seen before.

Mr. Edilberto Flores, Executive Director for PreK-12 Grade-MHS Vertical Team stated the next phase is to translate into Spanish and maybe even create a Spanish video. They were really impressed, but they did say to keep it to 30 seconds to 45 seconds because the message needs to be clear and quick. Mrs. Wilson and I have been working with HOSA, Theater, Animation, and Robotics. First, it was every other week and the last month or two have been every week. They are so impressive that they just said can you develop more for us?

Dr. Perez stated that it's not necessary for the theatre arts kids some of them may participate, but it's students from just different groups. It's been a huge success for us. I couldn't believe it when we were told that other district didn't want to participate. This partnership of course is with local school districts, which is us and the commitment is producing all of the students to produce public service announcements in the Rio Grande Valley. These are going to be utilized in the whole valley and our kids are the authors.

Mr. Flores stated as a matter of fact, the Board asked that once they are finalized for us to put it through our social media. I am working with Mr. Verley's office, and then start releasing to Twitter, Instagram, and Facebook, and then the kids will get all the credit for creating, producing, the working. I mean, it's just really neat to see the kids really excited about it, but not only that but be participants in creating something that is going to be on the web and it's a good message as far as COVID related and we also worked with DHR. The DHR assistance is to ensure that the information that was being provided is accurate.

Dr. Perez stated our students have had a great opportunity to participate in University Research and work with Medical Professionals to do the research to plan the commercials. To be creative and complete the final product. As you can see, it's very professionally done. We came in contact with Dr. Hostos because, we are on various committees at the University but he's also a fellow Rotarian so immediately, he wanted to reach out to us any time they reach out to us, for us it's a great opportunity for our kids because this type of opportunities doesn't come very often. Again, we want to thank the University and DHR. We want to continue to promote this particular Grant. If there are opportunities in the future for others. They know they can count on us but the benefactors are our students.

Dr. Perez stated we have our Kenneth White Junior High School State Math Counts Competition. Congratulations go to Juliet Suarez from Kenneth White Junior High for qualifying for the Math count state competition. She's the first female student for Kenneth White Junior High School to qualify for the state contest. She will represent her campus and Mission CISD with pride, and congratulations.

On February 4th, Salinas Elementary hosted the UIL Invitational Meet. Congratulations to the 2023 Elementary Salinas UIL Meet February, 4th Sweepstakes winner was Bryan Elementary. The following are the overall Sweepstake points for them Meet. 1st Place-Bryan Elementary with 670 points, 2nd Place-Midkiff Elementary with 403 points, 3rd Place-Mims Elementary with 323 points, 4th Place-Castro Elementary with 184 points, 5th Place-Marcell Elementary with 182 points, and 6th Place-Cavazos Elementary with 165 points. Congratulations to all of our Mission CISD Campuses, UIL Campus Coordinators, and Coaches for their hard work, which ensures that our students are successful in the UIL events, so our students are able to reach higher levels of student achievement, and to our administrators, congratulations.

Advanced Academics Destination Imagination Teams are advancing to State. South Border Bridge Destination Imagination on February 11, 2023, at Mission High School there were a total of 128 teams. Mission CISD had 28 teams, we were extremely well-represented. Mission Collegiate High School participated in the Fine Arts Challenge University Level second place, they placed and are The Dispersions Mission. They also participated in the Scientific Challenge University Level and they receive first place, A Knight's Tale Mission. We also had a Fine Arts Challenge Middle Level, second place for Kenneth White Junior High, The True Hawks Mission. We also had Waitz Elementary in Fine Arts Challenge, Elementary Level Site D, first place, Mysterious 7 Mission, then Veterans Memorial High School Improvisational Challenge University Level, second place Lemon-Ators Mission. All these teams are headed to the Lone Star Finals which is a State Competition on March 24th and 25th in Arlington Texas. Congratulations, this is a huge accomplishment.

Advanced Academics Science Bowl was held on February 11th, 2023 at UTRGV. Veterans Memorial High School pictures were presented.

Reading Apprenticeship, we are going on our fourth cohort. This is a grant from West ED which was started about four years ago and only at that time, it was just a couple of campuses. Now we're really working with all of our secondary campuses and it's to teach reading across the curriculum. Now that the state is redefining our star assessment. Now it's going to be very multidisciplinary, so this approach to reading in the content areas comes very handy because they teach teachers how to teach students to read informational material such as science, social studies mathematics, and so forth. On Tuesday, February 7, 2023, Veterans Memorial High School hosted the District's first reading apprenticeship classroom visits. Teachers from across the district had the opportunity to see reading apprenticeship skills and strategies in action in all subject areas, this was an amazing opportunity to see the impact Reading Apprenticeship is having on our students here at Mission CISD. You all will recall that last school year we were invited to attend a small gathering in Michigan and the executive directors and Dr. Roberts had the opportunity to attend and go visit some schools that have been implementing this reading apprenticeship model for many years and see the success and it was also part of that grant.

Mrs. Cynthia Wilson, Executive Director for PreK-12-VMHS Vertical Team, stated with Reading Apprenticeship, we are using this across all disciplines and it really focuses on Metacognition and thinking about thinking, so when they're reading, they're constantly thinking processing, asking questions, when they're reading text, it's not just looking at words and saying words it's not just phonetics it is really thinking about what they're reading, asking themselves questions. You see, students, are constantly, taking notes. There are four different dimensions, Social Dimension, Personal Dimension, Cognitive Dimension, and Knowledge Building Dimension. When we went into the classrooms, we took a little sheet with us and we were able to mark down what we were seeing in the different dimensions the teachers were implementing it was a great experience to see it in action, but really If I had to sum it up, it's Metacognition is the big component and its really having students creating safe environments. That's what the Social Dimension is that starts off from the very beginning. You want to make sure that the students do feel safe and comfortable in that classroom with their groups and first and foremost with themselves and it helps them to build comprehension.

Dr. Perez stated we had our Elementary District Fair as you can see, the students had a blast with all of their experiments and sharing all of their new knowledge and so forth. They were very excited and in the district category, we have a lot of winners from second through fifth grade. We want to congratulate all of them and everybody that participated.

Instructional Technology, in preparation, to host the Rio Grande Valley First Lego League Challenge Regional Competition. Curriculum & Instruction members answered the call to help. It was all hands-on deck and they constructed 24 Lego models. You saw everybody working on the models, to get ready for the competition. Thank you, Curriculum & Instruction. Another note our Career & Technical Education comes and assist collaborates with Library Services. Our Library Services Department requested assistance from Mission High School and Veterans Memorial High School students that participate in the Carpentry Program of study to build the little Library models that are going to be placed at every campus so that students can share books. For example, when children's parents will buy books for them, and then they read them and then just have them there, students can swap books. They just go drop some in the little book library and they bring a book, they can take a book. Students are participating in the program and have built the first of our little Library projects this has been great teamwork from our high school students, which we are very grateful and that's going to continue to promote more literacy and reading for our students. Library Services had the battle of the books Mission CISD Elementary students participated in a virtual Battle of the books on February 9, 2023. The winner will represent Mission CISD at Region One Battle of the Books on February 22, 2023. 1st place was Pearson Elementary, 2nd place, Castro Elementary and 3rd place, Midkiff Elementary. Congratulations to our Battle of the books and Pearson Elementary will represent Mission CISD Battle of the Books at Region One on February 22, 2023.
Congratulations Pearson Elementary.

Fine Arts Department: Our Visual Arts Departments have been beautifying Central Office trees with hearts for Valentine's Day. Many of our departments kept their Holiday trees and our students have been decorating them. As a matter of fact, before I left the office, I just saw one that was ready to celebrate St. Patrick's Day. Our students are having fun as well.

Fine Arts Department Mission CISD Orchestra makes history. Our Veterans Memorial High School and Mission Collegiate High School both earned Division 1's at the UIL Orchestra Solo & Ensemble Contest. We want to congratulate all of the students that participated and especially Natalia Martinez-Solis-Violin Division 1 and Victoria Menchaca-Castillo-Cello Division 1, Jocelyn Navarro-Cello Division 1, and participants Isabel Cabrera-Viola, Leah Navarro-Violin, Czarina Nava-Violin Congratulations to our students. Many of them were participating in UIL Orchestra, while we were at the Fiesta Citrus Parade.

Health and Physical Education our students from Elementary have been participating with Mission Ballers. Last week, we had our fifth graders that went out and participated during halftime at the Arena in Edinburg with the Harlem Globetrotters. Congratulations to them.

The Migrant Program, they've been very busy for the last month or so, and they've been visiting a lot of Universities. The last one they visited was South Texas College, and they are getting ready because they want to start selecting their college of choice, their career of choice, or their university of choice.

Next item we had our Liaisons from Migrant spreading kindness and distributing families with some food items. Just last week we continue to celebrate Random Acts of Kindness Day and this is what they were doing in collaboration with the food bank. We want to thank them for that.

Family and Community Engagement, we call them our FACE Liaisons they've been working with our campuses registering students for the next school year, and working with our parents in every way possible to assist them.

Mission CISD Head Start Partnership, we've been working with Hidalgo County Head Start since 2018-2019 at that point, they needed facilities because many of their facilities could not be fixed, or they were very expensive. So, we did open our doors, and the children are dually enrolled with Mission CISD and Head Start in some of their facilities and some of ours. They do have the Mission II facility collaborating with Escobar Rios Elementary we have 118 students dually enrolled and we place one of our teachers as well to assist and also work with our district curriculum. Mission III, serve Midkiff Elementary and they had 51 students Mission IV serves Leal Elementary with 58 students at Cantu Elementary. Last spring, we opened 10 classrooms because their facility was not going to work for them anymore they had outgrown it. We did have a very nice wing and plenty of room at Cantu Elementary so, we were able to place the students that are dually enrolled with Head Start and Mission CISD, 122 students, but we have 10 classrooms because they must have a cafeteria, they must have an office for the managers to work and so forth. However, we've had a lot of new enrollees at Cantu Elementary and we have not been able to open additional Mission CISD Classrooms. We spoke with Ms. Pena, the new Head Start Director, and we offered to move the Head Start Center to Salinas Elementary, where we have plenty of room and they immediately agreed, it's a win-win situation. Cantu Elementary will have more space and we were running out of parking lot spaces and different things.

Dr. Roberts stated we worked with the Maintenance and Operations Departments, there's just no room to put portables or anything there. There's no room for growth, so we knew it was time to go ahead and move. We made the move and I want to tell you hats off to Mr. Alvarez at Cantu Elementary he has bent over and backward, and he's helped to accommodate Ms. Rodriguez. We are planning on making all of that move during spring break right before and during spring break. When we come back on March 20th, they'll be notifying the parents and will let them know that it will be at Salinas Elementary. There's plenty of room there.

Dr. Perez stated our staff is very excited because now we're going to have a very unique Early Childhood Center because we do have several Pre-K classrooms and several Kinder classrooms. At Cantu Elementary not only do we have Head Start teachers, but we also have our own teachers working with Head Start and Mission CISD children dually enrolled. Now they're going to be under Salinas Elementary and Head Start. The beauty now is that Head Start has really been transformed. In the past they were on our campuses, however, they were governed by daycare licensing regulations, so anytime the children would go to the cafeteria if they wanted to take them to one of our assemblies or to our library, they had to send permission slips home. Now they have filled out paperwork with the Federal Government and they will no longer be under the umbrella of daycare licensing. They're going to be under our umbrella of Mission CISD therefore that gives them a lot more flexibility so the children will really be part of the Elementary Campuses from now on. The age groups are three and four-year-old's and that's the grant that Hidalgo County has for the three and four-year-old's. We are very excited about that.

Another grant that we are very happy to report and that I got invited to two weeks ago. We received word last year from the University of Texas in Rio Grande, Dr. Hostos, and Dr. Nancy Razo. Last school year Dr. Razo contacted me and said Dr. Perez, every time that we meet with your Counselors and your LPC we are very impressed at the support system that you all have for your students. Emotional Support System in terms of your Licensed Professional Counselors and now your Social Workers and she said we are going to select for this particular Grant only seven school districts and we'd like to ask if you all would want to participate. What this program will bring is 6.7 million dollars and Lord and behold, we got the call two weeks ago that UTRGV received the Grant and this project is for accessing Mental Health Services. What they are going to do is continue to recruit more students into the profession. The Board and you all will remember that for almost two years we have gone with vacancies for

Licensed School Psychologists. We had to come to the Board for a couple of months and asked you, can we hire an intern even then we have not been able to hire one because they will be graduating in May, but this particular Grant not only will they be able to recruit students into the profession. When the students finish, they will pay them to work for us and it will be for Licensed Professional Counselors, LSSP, and Social Workers. They are going to come and do their internship; our students will be the benefactors and they're going to be paying for it and recruiting more students into the profession. Dr. Razo called me and said Dr. Perez, I would like for you to come and represent the local school districts at UTRGV simply because you know, our staff brags about what the Board has supported us to do. You have put the money where our students needed it. By the time, the pandemic came and you saw what our kids put together the isolation because of the pandemic and all that, we had the resources to be able to do that. Then the director for social work came and talked to me and said, Dr. Perez, I know that you have two social workers, do you feel you need more? And I said, absolutely and she said, well, how is it? She says I've been trying to tell people that these things are very much needed at the campuses. When life happens, a house burns down, a loss of a father, a grandpa a sibling, you know, how do you all put money aside to take care of students' social and emotional? I told her it's based on our comprehensive needs assessment. We look at our referrals. We look every year at the needs, and then that's how we develop the budget, bring it to our School Board, and they have been extremely supportive. I explained to her, it just depends. We have to make choices. We are an Educational and Learning Institution, but if we don't take care of the basic needs of our kids they are not going to learn. Therefore, we are very grateful for the endless hours that the team at UTRGV, Dr. Hostos and Dr. Nancy Razo being the Principal Investigator of this grant to call upon us to add more resources for our children. So, if you ever see them, please tell them how grateful we are.

Mr. Ricard Rivera send us an invite for a webinar that we've he's been hosting on Construction Essentials for our staff.

Mr. Rivera stated Mr. Hansen's Office Eichelbaum Wardell Hansen Powell & Munoz sent us an invite for Construction Essentials Webinar every Friday of this month from 12:00-1:00 p.m. We've been having it here and the Maintenance Department and the invite has gone to ELT. Mr. Hansen has been providing updates and great information on construction projects. We learn something new every time because there are new laws and requirements. It's very good training and we appreciate Mr. Hansen conducting it. The purchasing and finance departments are also part of it.

Dr. Perez stated Counselors Week was last week, there was a proclamation at the Hidalgo Courtroom and our staff was invited on Thursday, February 2, 2023. Hidalgo County Commissioners Court proclaimed, February 6th through the 10th as National Counselors week. We also celebrated it here in our school district. A big shout-out to our Mission CISD Counselors. We want to thank them for the tremendous impact that they have in helping students achieve school success and plan for a career and not only academically but also socially emotionally. They do a lot of support and they did have professional development and they were treated to a lunch plate. Thank you for all that you do.

Another news, we have Regional Qualifiers, Congratulations to the Eagles Wrestling Team. Rogelio Cerda-1st Place District Champ at 165lb, Jose Garza-3rd Place at 157 lb., David Saldivar and Klarissa Tijerina both take 4th Place in the weight classes, Reynol Rodriguez, Derrick Ramirez, and Diego Solis will be alternates for their weight classes. Congratulations to them. Regional Qualifiers Congratulations to Patriots Wrestling Team. Leonel Anderson-2nd Place at 165lb, Joaquin Cordero-5th Place at 190lb, Diego Cordero-District Champion 1st Place at 215lb, Jackie Mora-4th Place at 100lb, Soley Vela-5th Place at 114lb, Allie Salas-2nd Place at 132lb, and Reanna Zapata-3rd Place at 145lb. Congratulations to them. State Qualifiers Congratulations to the Patriots Wrestling Team. Mission Veterans Wrestling Regional Placers and State Qualifiers, Joaquin Cordero-2nd Place, Allie Salas-2nd Place, and Reanna Zapata-4th Place. Congratulations. Mission Eagles Boys Track. New School Record Time! The Mission Eagles Boys Track and Field team competed at the PSJA Winter Relays. They achieved some top finishes in specific events such as the 4X1600m relay 2nd Place new school record time Dario Nava, Rosbel Barrera, Christiano San Martin, and Josue Cisneros. A huge congratulations to them.

District Job Fair was a huge success. We are excited to announce that we did have, the Human Resources Department hosts another District Job Fair on February 10, 2023, for all district positions. The job fair was open to campuses with Teacher/Paraprofessional vacancies, Transportation, Maintenance, Child Nutrition Program, Security, and Substitute vacancies. The winner was Child Nutrition and I have some news to share with you, they interviewed and recommended 13 individuals for the Child Nutrition program which included, two cooks and cashiers and 11, cooks and servers. We told her next time we probably need to host just one for her because the other department said they stole them, they have the table right at the front of the entrance so people didn't even make the rounds to us at transportation and other places. We also had one teacher recommendation, we had five instructional aids, two Elementary and three Secondaries, and four learning loss tutors for Elementary.

Ms. Lorena Garcia, Deputy Superintendent for Support Services stated we are very excited this is the first time we do this for all positions. Usually, we will participate in job fairs in other locations but this was unique that we opened it up to nonteaching positions as well. It was very successful. We want to thank the HR department and the staff for all the hard work.

Dr. Perez stated the next item is Happy Wellness Wednesday. Mr. Joel Garcia your department has been doing a lot would you like to share some of the things that every Wednesday gets sent out to the staff in reminders?

Mr. Joel Garcia, Assistant Superintendent for Finance stated yes, and a lot of kudos to this Ms. Sylvia Cruz and her team. These are some of the things that we discussed a few times at the meetings. The district has partnered with preferred providers to promote prevention and wellness. We partner with the Primary Care and Wellness Center. Again, doctor's visits are $10.00. We're working on providing additional services through Mission Hospital. There are a few pharmacies that we partner with including Richards Pharmacy where many generic prescriptions are at no cost to the employee. We also work with Mission Hospital on the annual mammograms. We also recently started adding men's wellness events. We had a workshop with the urologist recently. We also work on setting up vaccine clinics. We have Wellness rooms at all campuses and at the central office and in the Annex. We're also promoting through the American Heart Association blood pressure checks and we have blood pressure machines in each Wellness Room. We offer Zumba classes, Tuesdays and Thursdays for the staff free of charge, and also the promotion just ended for True Fit but even then, we recommend, if people are ready, willing, and able to go exercise to go get a membership, it's $10.00 a month and you can participate in a lot of the weight lifting cardio machines. Our staff got a reduced fee, they did extend it initializing it at the end of November, so they extended it through the end of January. It just expired and they were getting a really good deal that included childcare, but it's still a very good price we definitely recommend that staff go out and check it out. We also have a 5k that's coming up on April 15th. We'll have our Wellness 5K. We also work closely with Ms. Woodrum and her team to be able to provide healthy lunch meals for employees for a $2.50 fifty percent discount. We also have an employee assistance program, that provides Counseling, Lifestyle Coaching, Financial Wellness, Legal Services, and Identity Theft Resolution. It's good to just have these services available at no cost to them. We have our Wellness Wednesday Newsletters that go out every Wednesday. Ms. Sylvia's Team also works to provide safety and health presentations by DHR, Mission Hospital, and PCW. Their team also provides Financial Wellness courses provided by PNC, which is the bank helping the staff, with retirement plans, helping them how to save, how to improve their credit, and things like that.

Dr. Perez stated next item we will be promoting is the Spring 4th Annual 5K at Bentsen Palm park it'll be Saturday, April 15, 2023.

Vendor Learning Seminar this is also something very new Mr. Joel Garcia stated last spring, actually, we started this and we were able to invite local folks which is what our preference is in many cases. We invited them so they can learn how to register on our Bonfire System. Learn about how they can join a cooperative and learn about just how to do business with the district. We provided the same kind of information at our Annual Finance Training, which was last August as well and now we're providing this seminar again in the spring. We're trying to provide opportunities, especially for our local folks to learn how to do business with the school district. It's coming up the first session will be on February 23rd the first session will be from 9:00 to 11:00 a.m. in this building. The second session is from 1:30 to 3:30 p.m., and if there are individuals that cannot join us in person. You are going to make it available virtually.

Dr. Perez stated a special thank you to Jitterz on Bryan, Jitterz on Conway, Taco Yoya, El Patio, Speer Memorial Library, Boys and Girls Club Main Unit, Boys and Girls Club Bannworth, and City of Mission Main Lobby for hosting our Mission CISD displays to promote enrollment. Thank you to them, we're grateful.

On Saturday, March 25th from 4 to 7 p.m., we will host a student enrollment and recruitment event showcasing each school's specialty programs, extra-curricular offerings, accomplishments, and student talents. We will have our own Mission CISD Showcase with free entertainment, fun, and door prizes, Information about our schools, and on-site registration on March 25th from 4 to 7 p.m. at the Leo Pena Placita Park in Mission. Every campus will have a table with staff and they will be enrolling students, they will be displayed proudly everything that they are accomplishing at their campuses and it'll be a nice evening for families. And the campuses will have fun activities for kids.

VI. Presentation(s) to the Board of Trustees

1. Capturing Kids' Hearts

Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction stated Mr. Jeff Thorpe will be presenting on Capturing

Kid's Hearts. Mr. Thorpe presented on Capturing Kids' Hearts Premium Surveys and Reports to assess and build culture and connections that matter. Staff Implementation Survey, Student and Family Survey, 2022-2023 Premium Surveys, National Summary and Capturing Kids' Hearts National Showcase School Data, and Mission CISD Campus Overview Scoring Summary.

2. Teacher Incentive Allotment

Mr. John Hill, Curriculum Director presented an update on the Teacher Incentive Allotment. He presented the overview of the Teacher Incentive Allotment (TIA), Mission CISD Timeline, Importance of Validation, Bonus Amounts for Designated Teachers, Determining Mission CISD Designations, Student Learning Objectives (SLO), and Mission CISD Validation Report Purpose and Process of Data Validation, Verifying District Results, and Descriptive Statistics from Data Submission.

3. Special Education Update

Mrs. Francis Cruz, Executive Director for Special Education/Section 504, RTI, Dyslexia presented on the Special Education Update. Ms. Cruz presented in Response to Intervention, Section 504/IAP, Special Education IEP Plans, Accommodation vs. Modifications, Standard Protocol Dyslexia Instruction (SPDI), Specialized Dyslexia Instruction, Dyslexia Teachers have the opportunity to participate in the First Bilingual Certified Academic Language Practitioner Program, Specialized Support Classrooms, Early Childhood Special Education, Special Education Titans Program, Eligibility Categories, Evaluation/ARD Process (Admission, Review, and Dismissal), the Special Education Cycle, Properly Constituted ARD Committee, ARD/IEP Meeting Process, and Assurances.

Ms. Trinidad Pena, Principal at Leal Elementary, and Mr. Angel Torres, Principal at Ralph Cantu Jr. High presented the process and responsibilities of their campus.

4. Internal Auditor's Quarterly Report

Ms. Becky Magee, Internal Auditor presented the Internal Audit Quarterly Report Campus and Student Activity Funds for July 1, 2022, through December 31, 2022. Ms. Magee stated the District's Internal Audit Charter requires that a written report be provided to the Board on a quarterly basis. My written report, which has been included in the agenda for your review, covers the period from October 1st, through December 31, 2022.

5. Self-Funded Health Insurance Plan Quarterly Review

Ms. Sylvia Cruz, Director for Payroll, Employee Benefits & Risk Management presented an update on the Self-Funded Health Insurance Fund Statement of Revenues, Expenditures, and Changes in Net Position ending January 2023, and Net Position through January 2023, 12-Month Trend–January, Pharmacy Claims Expenditures Overview 12 Month Trend-January 2023, Net Position Overview. Ms. Araceli Garza with Jeff Everitt & Associates presented on the Quarterly Plan Update for Blue Cross Blue Shield. Ms. Kory Gonzalez presented an update on Population Health, Levels of Care, and on the Top Providers. Ms. Valeria Ybarra, Insurance Consultant presented the Timeline for the Employee Benefits RFP.

6. Financial Advisor Services

Mr. Joel Garcia, Assistant Superintendent for Finance, presented an update on the Financial Advisor Services, Financial feasibility, Long-Term planning, Budgetary impact/debt service tax rate impact, State aid implications, preparation of materials for bond elections if necessary, Issuance of debt commitments such as bonds, Financial Market information to districts, periodically or on as needed basis, updates regarding proposed or enacted legislation with direct implications on the financing of capital projects for school districts in Texas, updates regarding policy changes at the Texas Education Agency with direct implications on the financing of capital projects for school districts in Texas, Maintain and liaison with the district's Bond Counsel and assist in the preparation of bond documents and filings regarding tax exempt status of the district's, bonds as applicable, maintain a database of the district stepped obligations which serves as a tool for bank invoice reconciliation and annual budgets, monitor opportunities for debt, refinancing to reduce debt service costs on an ongoing basis and discuss with the District staff, meetings with District staff and elected officials as needed, analyze District future or past capital financing matters, outstanding debt matters and continue disclosure compliance matters at no out-of-pocket cost to the district.

7. 2023-2024 Budget Presentation

Mr. Joel Garcia stated in finance, we're always working with three years of fiscal data, we work with 2021-2022. Last year were working with 2022-2023 which is the current year and we are looking at 2023-2024 for next year. Mr. Garcia stated one of the things I want to make clear is the district is currently in compliance with ESSA LEA MOE. The Texas Education Agency will

issue the 2022 ESSA LEA MOE compliance determinations later this spring the district met ESSA LEA MOE in the prior five years, therefore the district will use the allowable five-year flexibility and will also submit the USDE waiver again. The district runs the state aide template every six weeks to monitor student enrollment and attendance to project revenue. We have meetings with the different special programs, and with payroll. We also monitor expenditures every six weeks to ensure that we will meet MOE tests by the end of the year. We will be comparing current-year expenditures back to 2021. Mr. Garcia presented the Fiscal Year Budget 2021-2022, ESSA Local Education Agency (LEA) MOE, Fiscal Year 2022-2023, Balanced Budget, Budget Monitoring, Enrollment and Attendance, Fund Balance Trend, General Fund-Fund Balance, General Fund-Fund Balance Distribution Unassigned Fund Balance, Capital Outlay Projects, Debt Service Fund, Historical Tax Rate and Grants, 2023-2024 Budget, Disclaimer, Budget Development Process, Historical Interest Rates, and Budget and Tax Rate Timeline.

VII. Discussion and Possible Action

1. Approval of Professional Development for Integrating Social-Emotional Techniques, Year 3

Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction stated this is a discussion for approval for the Professional Development for Integrating Social Emotional Techniques, The Capturing Kids Hearts we brought this before to the Board at the Workshop. A presentation was requested, and this evening Mr. Thorpe provided that presentation for us to continue for year three. Federal Funds will be used for a total cost of $352,495.00 it would be $176,850.00 for elementary and $175,645.00 for secondary.

A motion was made by Mr. Juan Gonzalez for approval. Motion second by Mrs. Petra Ramirez. The motion passed unanimously. Vote 7-0

2. Consideration and Approval of Final Completion, Less Betterment Fund Allowance, Less Liquidated Damages, and Final Payment for the Replacement of the Synthetic Turf for the Tom Landry Stadium and the Veterans Memorial High School Stadium – Javier Hinojosa Engineering

Mr. Ricardo Rivera, Assistant Superintendent for Operations stated the first Agenda Item is Consideration and Approval of the Final Completion, Less Betterment Fund Allowance, Less Liquidated Damages, and Final Payment for the Replacement of the Synthetic Turf for the Tom Landry Stadium and the Veterans Memorial High School Stadium. This agenda item was presented at the Board of Trustees Workshop on Wednesday, February 1, 2023, we have a credit back of $91,000.00 there were no liquidated damages since the project was completed on time as per the contract. The Administration presents consideration approval of Final Completion, Less Betterment Fund Allowance, Less Liquidated Damages, and Final Payment for the Synthetic Turf for the Tom Landry Stadium and the Veterans Memorial High School Stadium.

A motion was made by Ms. Minnie Rodgers for approval. Motion second by Mr. Roy Vela. Motion passed unanimously. Vote 7-0

3. Consideration and Approval of Final Completion, Less Betterment Fund Allowance, Less Liquidated Damages, and Final Payment for the Scoreboards at R. Cantu Jr. High & K.White Jr. High - Chanin Structural Engineering

Mr. Ricardo Rivera stated Consideration and Approval of Final Completion, Less Betterment Fund Allowance, Les Liquidated Damages, and Final Payment for the Scoreboards at R. Cantu Jr. High & K.White Jr. High this agenda item was presented at the Board of Trustees Workshop on Wednesday, February 1, 2023, we do have a credit back of $2,850.74 there were no liquidated damages on this project since it was completed on time as per the contract. The Administration presents Consideration and Approval of the Final Completion Less Betterment Fund Allowance, Less Liquidated Damages, and Final Payment for the Scoreboards at R. Cantu Jr. High and Kenneth White Jr. High.

A motion was made by Mrs. Iris Iglesias for approval. Motion second by Mr. Jerry Zamora. Motion passed unanimously. Vote 7-0

4. Consider Superintendent's Evaluation, Contract, and Compensation

Ms. Lorena Garcia, Deputy Superintendent for Support Services, stated the next item is Consider Superintendent's Evaluation, Contract, and Compensation this item will be for executive session.

5. Consideration and Approval of District of Innovation Plan Renewal

Ms. Lorena Garcia, stated the next item is Consideration and Approval of the District of Innovation Plan, which we have presented over several board meetings at this time, we are recommending that the Board Approve the Renewal, a two-thirds vote of the Board of Trustees is required to renew an Innovation Plan, should the Board move forward with an Approval, then we would be notifying TEA and sending them the plan and the link to our website, where it would be posted. There is a resolution that needs read and signed. We will return back to this item and read the resolution.

Mrs. Betty Mendoza, Board President read the resolution after executive session.

RESOLUTION TO CONSIDER DESIGNATION AS DISTRICT OF INNOVATION
WHEREAS, in March of 2019 the Mission Consolidated Independent School District Board of Trustees voted to finalize the district's designation as a District of Innovation; and
WHEREAS, the Mission Consolidated Independent School District is currently designated by the Texas Education Agency as a District of Innovation; and
WHEREAS, Texas Education Code Section 12A.007 authorizes school districts to renew an existing Innovation Plans and to continue its designation as a District of Innovation by a resolution adopted by the Board of Trustees of the District; and
WHEREAS, The District's Current District of Innovation Plan will expire at the end of the 2022-23 school year; and
WHEREAS, Texas Education Code Section 12A.007 authorizes school districts to renew an existing Innovation Plan and to continue its designation as a District of Innovation; and
WHEREAS, In considering the renewal of the Innovation Plan the District has reviewed all sections of the plan and the exemptions provided within the plan; and
WHEREAS, the Mission Consolidated Independent School District remains eligible to for designation as a District of Innovation as its most recent performance rating under Education Code 39.054 reflects at least acceptable performance; and
WHEREAS the Mission Consolidated Independent School District has complied with the posting, notice, and committee review requirements required by the Texas Education Code and the Texas Administrative Code that are necessary prerequisites to the Board's renewal of the innovation plan;
NOW THEREFORE BE IT RESOLVED that the Board of Trustees of the Mission Consolidated Independent School District by adoption of this resolution approves the renewal of the final Innovation Plan and approves the continuation of its designation as a District of Innovation.
BE IT FURTHER RESOLVED that after this resolution is signed by the Board, the District shall provide notice to the Commissioner of Education within the period of time required by law and to complete all public notice and posting requirements necessary to comply with Chapter 12A of the Texas Education Code and TEA Regulations pertaining to the renewal of the Innovation Plan. Accepted this 15th day of February 2023.

Mr. Juan Gonzalez moved to adopt the resolution for approval. Motion second by Mrs. Iris Iglesias. Motion passed unanimously. Vote 7-0

VIII. Recommendation(s)

1. **Approval of the Selection for:**
   a. **Child Nutrition Program Dietician**
   b. **Mission High School Assistant Principal**

Items were discussed in Executive Session. Ms. Lorena Garcia stated there is an update on the Mission High School Assistant Principal.

IX. Items to Consider: The Board will consider and may act on the following items under a CONSENT AGENDA. Any Trustee may request the removal of an item from the CONSENT AGENDA for individual consideration and action.

Dr. Perez stated on the Consent Agenda Items for Approval we have Agenda Items #1 through #6a. Dr. Perez asked do we have any items that need to be moved for discussion.

Motion made by Ms. Minnie Rodgers for approval to Accept the Consent Agenda Items #1 through #6a.
Motion second by Mrs. Petra Ramirez. Motion passed unanimously. Vote 7-0

1. **Approval for Out-of-State Travel for Mission High School Gear Up Student and Parent to Participate the Ivy League Quest**
2. **Bids, Proposals, and Purchases of $50,000 and Over**
   a. **E-Rate Round 26 Internal Access and Connections**
3. **Request from the City of Palmhurst to use Rafael Cantu Junior High School for the May 6, 2023, General Election**
4. **Supplemental Budget Amendment**
5. **Donations**
6. **Approval of Minutes**
   a. **January 25, 2023, Regular Board of Trustees Meeting**

X. Executive Session

President Mendoza called the Board into Executive Session at 10:35 p.m. and back into Open Session at 11:49 p.m.

1. Private Consultation with Board Attorney (Texas Gov't Code §551.071)
2. Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee or to Hear a Complaint or Charge Against an Officer or Employee (Texas Gov't Code §551.074)

XI. Action, if Necessary, on Matters Discussed in Executive Session

Item VII. Discussion and Possible Action
4. Consider Superintendent's Evaluation, Contract, and Compensation

Mrs. Betty Mendoza Board President moved to accept the Superintendent's Evaluation as discussed in Executive Session. Motion made by Mrs. Petra Ramirez to approve. Motion second by Mrs. Iris Iglesias. Motion passed unanimously. Vote 7-0

Item VIII. Recommendation(s)
1. Approval of the Selection for:

a. Child Nutrition Program Dietician

Dr. Perez stated the Administration recommends that the Board of Trustees approve Juan Lopez for the position of Child Nutrition Program Dietician. Motion made by Mrs. Petra Ramirez to approve. Motion second by Mr. Roy Vela. Motion passed unanimously. Vote 7-0

XII. Board of Trustees Information Items

1. **Personnel Employments, Resignations, Transfers, and Compensation Change**
2. **Financial Reports for December 2022**
   a. **General Fund and Debt Service**
   b. **Tax Levy Adjustments**
   c. **Cash Disbursements**

XIII. Important Dates to Remember

1. **March 1, 2023, Board of Trustees Workshop at 6:30 p.m.**
2. **March 8, 2023, Regular Board of Trustees Meeting at 6:30 p.m.**

XIV. Adjournment

Motion made by Mrs. Petra Ramirez that the meeting is adjourned. Motion seconded by Mr. Roy Vela. Motion passed unanimously. Vote 7-0

President Mendoza adjourned the meeting at 11:55 p.m.

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Veronica "Betty" R. Mendoza, President
Mission CISD Board of Trustees

ATTEST:

_____

Iris Iglesias, Secretary
Mission CISD Board of Trustees

SUBJECT: Personnel Employments, Resignations, Transfers and Compensation Changes

PRESENTER: Dr. Carol G. Perez, Superintendent

BACKGROUND INFORMATION

Professional employees and support staff members have been employed by the Mission Consolidated Independent School District. Employees requested and were granted transfers that affected their campus, position title and/or pay grade, or were reassigned, which affected their campus, position title and/or pay grade.

Letters of resignation and letters of retirement were received from Mission CISD employees.

Changes in compensation to employees after performance on the contract or duties for the job assignment have begun (subsequent to the February 15, 2023, report to the Board) are also included for staff members.

FUNDING SOURCE:

See Attachments

RECOMMENDATION:

No recommendation or action required. For Information Only.

CONTACT PERSON(S):

Lorena Garcia, Deputy Superintendent for Support Services
Elisa Pacheco, Director for Human Resources

SUBJECT: Financial Report for January 2023

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

As per Board Policy CFA (LEGAL), The Board shall prepare an annual financial statement that shows the following for each fund subject to its authority during the fiscal year:

1. The total receipts of the fund, itemized by the source of revenue, including taxes, assessments, service charges, grants of state money, gifts, or other general sources from which funds are derived.

2. The total disbursements of the fund, itemized by the nature of the expenditure.

3. The balance in the fund at the close of the fiscal year.

Monthly financial reports are prepared throughout the year by Administration for information purposes only.

ADMINISTRATIVE CONSIDERATIONS

The General Fund Financial reports compare the budgeted revenues and expenditures.

Actual revenues through January 2023 totaled $105,916,619 and actual expenditures totaled $85,107,931. The excess total revenues and other uses over expenditures is $20,808,688.

These numbers do not include outstanding encumbrances for payroll and supplies. Budget by function is sufficient to meet expenditures.

The Debt Fund financial report is also attached.

FUNDING SOURCE AND AMOUNT

Not applicable.

RECOMMENDATION

Information item only.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Dora Garcia, Director for Budget and Finance

Mission Consolidated Independent School District
General Fund
January 31, 2023

		Budget	Actual	Difference	%
Revenues					
5700	Local and Intermediate Sources	$ 28,786,444	$23,715,883	$ 5,070,561	82.39%
5800	State Program Revenues	117,988,061	72,170,980	$ 45,817,081	61.17%
5900	Federal Program Revenues	19,381,608	10,029,756	$ 9,351,852	51.75%
	Total Revenues	**$ 166,156,113**	**$ 105,916,619**	**$ 60,239,494**	
Expenditures					
11	Instruction	$ 69,834,025	$33,258,930	$ 36,575,095	47.63%
12	Instrucional Resources & Media Services	2,563,714	1,022,521	1,541,193	39.88%
13	Curriculum and Personnel Development	1,919,003	1,224,726	694,277	63.82%
21	Instructional Administration	2,581,407	1,432,993	1,148,414	55.51%
23	School Administration	9,915,030	5,015,255	4,899,775	50.58%
31	Guidance and Counseling Services	6,395,686	2,842,534	3,553,152	44.44%
32	Attendance and Social Work Services	583,397	218,828	364,569	37.51%
33	Health Services	1,750,067	793,063	957,004	45.32%
34	Pupil Transportation	5,025,001	3,676,752	1,348,249	73.17%
35	Food Services	14,100,666	8,509,697	5,590,969	60.35%
36	Co-Curricular Activities	7,372,412	3,622,245	3,750,167	49.13%
41	General Administration	6,504,408	3,575,649	2,928,759	54.97%
51	Plant Maintenance and Operations	24,889,339	12,684,187	12,205,152	50.96%
52	Security and Monitoring	6,925,817	2,132,110	4,793,707	30.78%
53	Data Processing Services	3,329,866	1,868,693	1,461,173	56.12%
61	Community Services	323,077	207,158	115,919	64.12%
71	Debt Service	1,350,320	346,562	1,003,758	25.67%
81	Facilities Acquisition and Construction	13,391,645	2,521,356	10,870,289	18.83%
95	Juvenile Justice Alt. Education	20,000	-	20,000	0.00%
99	Other Intergovernmental Charges	298,185	154,673	143,513	51.87%
	Total Expenditures	**$ 179,073,065**	**$85,107,931**	**$ 93,965,134**	
1100	**Excess (Deficiency)**	**$ (12,916,952)**	**$20,808,688**	**$ (33,725,640)**	
Non-Operating Revenue					
7915	Operating Transfers In	19,559,082	$ -	19,559,082	0.00%
	Total Non-Operating Revenue	**$ 19,559,082**	**$ -**	**$ 19,559,082**	
Non-Operating Expenses					
8911	Other Uses	$ (19,559,082)	$ -	$ (19,559,082)	0.00%
	Total Non-Operating Expenses	**$ (19,559,082)**	**$ -**	**$ (19,559,082)**	
1200	**Excess (Deficiency)**	**$ (12,916,952)**	**$ 20,808,688**	**$ (33,725,640)**	
0100	**Fund Balance - Beginning Audited**	**$ 107,685,067**	**$ 107,685,067**	**$ -**	
3000	**Fund Balance - Ending Un-Audited**	**$ 94,768,115**	**$ 128,493,755**	**$ (33,725,640)**	

Mission Consolidated Independent School District
Debt Service Fund
January 31, 2023

		Budget	Actual	Difference	%
Revenues					
5700	Local and Intermediate Sources	$ 4,815,916	$ 3,937,992	$ 877,924	81.77%
5800	State Program Revenues	3,661,581	3,108,375	553,206	84.89%
	Total Revenues	**$ 8,477,497**	**$ 7,046,367**	**$ 1,431,130**	
Expenditures					
7100	Debt Services	$ 8,477,497	$ 1,694,344	$ 6,783,154	19.99%
	Total Expenditures	**$ 8,477,497**	**$ 1,694,344**	**$ 6,783,154**	
1100	**Excess (Deficiency)**	**$ -**	**$ 5,352,023**	**$ (5,352,024)**	
Non-Operating Revenue					
7900	Operating Transfers In	$0	$0	$0	0.00%
Non-Operating Expenses					
8900	Operating Transfers Out	$ -	$ -	$ -	0.00%
1200	**Excess (Deficiency)**	**$ -**	**$ 5,352,023**	**$ (5,352,024)**	
0100	**Fund Balance - Beginning Audited**	**$ 4,463,810**	**$ 4,463,810**	**$ -**	
3000	**Fund Balance - Ending Un-Audited**	**$ 4,463,810**	**$ 9,815,833**	**$ (5,352,024)**	

SUBJECT: Tax Levy Adjustments for the Month of January 2023

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

The Hidalgo County Assessor & Collector has been collecting the District's taxes since December 1999. Both current and delinquent taxes are collected by Hidalgo County on our behalf.

ADMINISTRATIVE CONSIDERATIONS

Tax roll adjustments due to corrections, rollbacks, homesteads, dropped years, etc., resulted in a net decrease of $86,675.89. Adjustments are reviewed and posted to the general ledger on a monthly basis. These modifications are included as part of the monthly tax report.

Collections totaled $11,522,286.24. The monthly fee for this service is $6,584.00.

Attached is the January 2023 Tax Collection Report

FUNDING SOURCE AND AMOUNT

Local Maintenance Levy Modification -$73,351.32
Debt Service Levy Modification -$13,324.57
Rollbacks $0

RECOMMENDATION:

Information item only; no recommendation is required.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Dora Garcia, Director for Budget and Finance
Fabiola Barberena, Accountant

PREPARED BY: M.A.M Mark Martinez

PABLO "PAUL" VILLARREAL JR., ASSESSOR & COLLECTOR
MISSION C.I.S.D. TAXES COLLECTED FOR:
JANUARY 2023

COMPARATIVE RATE OF COLLECTIONS

MISSION C.I.S.D. SMS - 48	ORIGINAL TAX LEVY	COLLECTED TO DATE	DROPPED YRS AFTER PURGE	MODIF. TO DATE	TAXES OUTSTANDING	PERCENT 2022/2023	COLLECTED 2021/2022
2022 TAX ROLL	31,332,080.80	24,829,179.28	-	69,804.66	6,572,706.18	79.07%	79.94%
2021 & PRIOR YRS	4,331,743.31	896,865.98	(26,461.75)	(137,436.10)	3,270,979.48	21.52%	21.50%
ROLLBACK	30,298.57	36,555.42	-	11,274.90	5,018.05	87.93%	38.04%
TOTALS	35,694,122.68	25,762,600.68	(26,461.75)	(56,356.54)	9,848,703.71		

BREAKDOWN OF TAX COLLECTIONS AND FEES FOR THE MONTH OF JANUARY 2023

	MISSION C.I.S.D.	MONTHLY MODIFICATIONS	
CURRENT YEAR-BASE TAX	11,363,166.29	(85,583.28)	CURRENT
CURRENT YEAR-P&I	-		
PRIOR YEARS-BASE TAX	99,752.99	(1,092.61)	PRIOR
PRIOR YEARS-P&I	33,145.89		
ROLLBACK	5,542.02	-	ROLLBACK
ROLLBACK P&I	-		
ATTORNEY FEES	20,679.05	-	PURGED
TOTAL COLLECTIONS	11,522,286.24	(86,675.89)	
LESS TRANSFERRED	5,876,164.29		
LESS IN TRANSIT	5,638,566.72		
LESS DUE TO HCAD COMM FEES	971.23		
LESS DUE TO CO TREASURER	6,584.00		
	-		
BALANCE	0.00		

**********AFFIDAVIT**********

I, PABLO "PAUL" VILLARREAL JR., ASSESSOR-COLLECTOR OF TAXES FOR THE MISSION C.I.S.D., DO SOLEMNLY SWEAR THAT THE ABOVE STATEMENT OF TAXES COLLECTED BY ME FOR THE MONTH OF JANUARY IS CORRECT.

Pablo (Paul) Villarreal Jr.

ASSESSOR-COLLECTOR OF TAXES FOR MISSION C.I.S.D., TEXAS

HIDALGO COUNTY ASSESSOR & COLL OF TEXAS

SWORN AND SUBSCRIBED BEFORE ME THIS 17TH DAY OF FEBRUARY 2023 A.D.

Jose E Jaramillo

NOTARY PUBLIC, HIDALGO COUNTY, TEXAS

NOTARY PUBLIC
Jose Edgar Jaramillo
Notary ID#
12911866-7
My Comm. Exp.
9-10-2024
STATE OF TEXAS

PABLO "PAUL" VILLARREAL JR., ASSESSOR & COLLECTOR
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT
TAX COLLECTION REPORT
FOR THE MONTH OF JANUARY 2023

AD VALOREM - MISSION CISD	2022-2023	2021-2022	DIFFERENCE
2022 CURRENT			
ORIGINAL LEVY	31,332,080.80	28,363,668.26	2,968,412.54
MODIFICATIONS	69,804.66	709,482.80	(639,678.14)
CURRENT LEVY	31,401,885.46	29,073,151.06	2,328,734.40
CURRENT COLLECTIONS THIS MONTH	11,363,166.29	9,416,140.66	1,947,025.63
CURRENT COLLECTIONS TO DATE	24,829,179.28	23,241,692.12	1,587,487.16
OUTSTANDING TO DATE	6,572,706.18	5,831,458.94	741,247.24
PERCENT COLLECTED/ORIGINAL	79.25%	81.94%	-2.69%
PERCENT COLLECTED/MODIFIED	79.07%	79.94%	-0.87%
TOTAL COLLECTIONS FISCAL YEAR	**24,829,179.28**	**23,241,692.12**	
DELINQUENT			
ORIGINAL LEVY	4,331,743.31	4,597,051.27	(265,307.96)
MODIFICATIONS	(163,897.85)	(96,950.02)	(66,947.83)
DELINQUENT LEVY	4,167,845.46	4,500,101.25	(332,255.79)
DELINQUENT COLLECTIONS THIS MONTI	99,752.99	91,623.72	8,129.27
DELINQUENT COLLECTIONS TO DATE	896,865.98	967,463.21	(70,597.23)
OUTSTANDING TO DATE	3,270,979.48	3,532,638.04	(261,658.56)
PERCENT COLLECTED/ORIGINAL	20.70%	21.05%	-0.35%
PERCENT COLLECTED/MODIFIED	21.52%	21.50%	0.02%
TOTAL COLLECTIONS FISCAL YEAR	**896,865.98**	**967,463.21**	
ROLLBACK			
ORIGINAL LEVY	30,298.57	8,099.31	22,199.26
MODIFICATIONS	11,274.90	0.00	11,274.90
ROLLBACK LEVY	41,573.47	8,099.31	33,474.16
ROLLBACK COLLECTIONS THIS MONTH	5,542.02	0.00	5,542.02
ROLLBACK COLLECTIONS TO DATE	36,555.42	3,081.26	33,474.16
OUTSTANDING TO DATE	5,018.05	5,018.05	0.00
PERCENT COLLECTED/ORIGINAL	120.65%	38.04%	82.61%
PERCENT COLLECTED/MODIFIED	87.93%	38.04%	49.89%
TOTAL COLLECTIONS FISCAL YEAR	**36,555.42**	**3,081.26**	

PABLO (PAUL) VILLARREAL, JR. ASSR/COLL
MISSION CISD
TAX COLLECTION FOR: JANUARY 2023

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REPORT DATE	CURR BASE	CURR P&I	CURR RB	CURR RB P/I	DEL BASE	DEL P&I	DEL RB	RB P&I	ATTY FEES	RB ATTY FEES	TOTAL	TOTAL M/O TRANSF.	TOTAL I/S TRANSF.	DIFF.	DATE TRANSF.
											-			-	
4-Jan	363,562.07	-			4,222.71	840.69			467.94		369,093.41			369,093.41	
5-Jan	387,767.81	-			1,874.27	696.47			384.04		390,722.59	637,352.25	115,879.75	(362,509.41)	11-Jan
6-Jan	161,989.96	-			726.95	265.27			148.84		163,131.02	138,237.02	24,894.00	-	12-Jan
7-Jan	(11,417.14)	-			(5,856.91)	(225.68)			(45.95)		(17,545.68)			(17,545.68)	
9-Jan	339,717.85	-			10,254.58	2,580.11			1,900.61		354,453.15	285,776.33	51,131.14	17,545.68	13-Jan
9-Jan			-	-			5,542.02	-		-	5,542.02	4,763.72	778.30	-	13-Jan
10-Jan	681,699.84	-			732.14	257.79			137.40		682,827.17	578,506.90	104,320.27	-	17-Jan
11-Jan	261,181.96	-			4,080.69	988.26			748.57		266,999.48	226,361.45	40,638.03	-	18-Jan
12-Jan	222,512.36	-			4,267.19	1,045.60			796.92		228,622.07	193,859.57	34,762.50	-	19-Jan
13-Jan	216,972.64	-			2,410.18	663.67			458.92		220,505.41	185,912.27	33,593.14	-	20-Jan
17-Jan	637,795.61	-			2,664.64	895.63			489.23		641,845.11	543,863.31	97,981.80	-	23-Jan
18-Jan	354,284.30	-			4,974.45	1,484.17			884.68		361,627.60	305,571.95	55,055.65	-	24-Jan
19-Jan	364,646.89	-			4,804.81	2,551.46			980.43		372,983.59	316,278.81	56,704.78	-	25-Jan
20-Jan	315,686.89	-			6,587.81	1,523.28			1,042.98		324,840.96	275,446.62	49,394.34	-	26-Jan
23-Jan	426,939.84	-			3,193.50	921.08			617.20		431,671.62	365,843.99	65,827.63	-	27-Jan
24-Jan	547,121.05	-			4,890.75	1,603.73			954.56		554,570.09	470,036.20	84,533.89	-	30-Jan
25-Jan	523,346.25	-			5,229.03	1,322.38			961.02		530,858.68	449,948.36	80,910.32	-	31-Jan
26-Jan	602,250.54	-			4,722.73	1,364.28			857.72		609,195.27	515,273.62	92,921.65	-	1-Feb
27-Jan	550,489.74	-			1,841.99	580.23			328.37		553,240.33	468,777.72	84,462.61	-	2-Feb
28-Jan	(7,219.22)	-			(6,180.10)	(219.68)			(87.18)		(13,706.18)			(13,706.18)	
30-Jan	875,732.40	-			5,911.88	1,768.83			1,135.79		884,548.90	737,935.26	132,907.46	13,706.18	3-Feb
31-Jan	3,548,104.65	-			38,399.70	12,238.32			7,516.96		3,606,259.63	3,055,888.03	549,400.37	971.23	16-Feb
											-			-	
											-			-	
											-			-	
											-			-	
											-			-	
											-			-	
											-			-	
TOTAL	**11,363,166.29**	**0.00**	**0.00**	**0.00**	**99,752.99**	**33,145.89**	**5,542.02**	**0.00**	**20,679.05**	**0.00**	**11,522,286.24**	**9,758,633.38**	**1,756,097.63**	**7,555.23**	

TOTAL COLLECTED	11,522,286.24
LESS REFFUNDS	0.00
LESS RENDITION PENALTY	971.23
LESS COMMISSION	6,584.00
BALANCE	11,514,731.01
LESS M&O TRANSFERRED	4,979,758.75
LESS I&S TRANSFERRED	896,405.54
LESS M&O TRANSFERS IN TRANSIT	4,778,874.63
LESS I&S TRANSFERS IN TRANSIT	859,692.09
BALANCE PENDING	0.00

HIDALGO COUNTY TAX OFFICE
MISSION CISD

MODIFICATIONS FOR THE MONTH OF JANUARY 2023

YR	RATE	M&O	%	ADJ	M&O	I&S	%	I&S
2022	1.113	0.9429	84.72%	(85,583.28)	(72,503.57)	0.1701	15.28%	(13,079.71)
2021	1.1332	0.9719	85.77%	(9,563.95)	(8,202.61)	0.1613	14.23%	(1,361.34)
2020	1.19930	1.02800	85.72%	(325.54)	(279.04)	0.1713	14.28%	(46.50)
2019	1.23955	1.06835	86.19%	4,227.49	3,643.61	0.1712	13.81%	583.88
2018	1.3398	1.1700	87.33%	4,569.39	3,990.29	0.1698	12.67%	579.10
2017	1.3502	1.1700	86.65%	-	0.00	0.1802	13.35%	0.00
2016	1.3582	1.1700	86.14%	-	0.00	0.1882	13.86%	0.00
2015	1.3672	1.1700	85.58%	-	0.00	0.1972	14.42%	0.00
2014	1.3300	1.1700	87.97%	-	0.00	0.1600	12.03%	0.00
2013	1.3000	1.1700	90.00%	-	0.00	0.1300	10.00%	0.00
2012	1.3000	1.1700	90.00%	-	0.00	0.1300	10.00%	0.00
2011	1.3000	1.1700	90.00%	-	0.00	0.1300	10.00%	0.00
2010	1.3000	1.0400	80.00%	-	0.00	0.2600	20.00%	0.00
2009	1.2800	1.0400	81.25%	-	0.00	0.2400	18.75%	0.00
2008	1.2400	1.0400	83.87%	-	0.00	0.2000	16.13%	0.00
2007	1.1800	1.0400	88.14%	-	0.00	0.1400	11.86%	0.00
2006	1.4574	1.3374	91.77%	-	0.00	0.1200	8.23%	0.00
2005	1.5632	1.4632	93.60%	-	0.00	0.1000	6.40%	0.00
2004	1.5691	1.4632	93.25%	-	0.00	0.1059	6.75%	0.00
2003	1.5841	1.4632	92.37%	-	0.00	0.1209	7.63%	0.00
2002	1.5841	1.4500	91.53%	-	0.00	0.1341	8.47%	0.00
2001	1.5341	1.4394	93.83%	-	0.00	0.0947	6.17%	0.00
			TOTAL	**(86,675.89)**	**(73,351.32)**			**(13,324.57)**

		M&O	I&S
CURRENT	**(85,583.28)**	**(72,503.57)**	**(13,079.71)**
DELINQUENT	**(1,092.61)**	**(847.75)**	**(244.86)**
TOTAL	**(86,675.89)**	**(73,351.32)**	**(13,324.57)**

ROLLBACK MODIFICATIONS FOR THE MONTH OF JANUARY 2023

YR	RATE	M&O	%	ADJ	M&O	I&S	%	I&S
2022	1.113	0.9429	84.72%	-	0.00	0.1701	15.28%	0.00
2021	1.1332	0.9719	85.77%	-	0.00	0.1613	14.23%	0.00
2020	1.1993	1.0280	85.72%	-	0.00	0.1713	14.28%	0.00
2019	1.2396	1.0684	86.19%	-	0.00	0.1712	13.81%	0.00
2018	1.3398	1.1700	87.33%	-	0.00	0.1698	12.67%	0.00
2017	1.3502	1.1700	86.65%	-	0.00	0.1802	13.35%	0.00
			TOTAL	**0.00**	**0.00**			**0.00**

		M&O	I&S
CURRENT	-	-	-
DELINQUENT	-	-	-
TOTAL	-	-	-

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2022	M & O	.942900	9,626,531.36	.00	.00	.00	9,626,531.36	.00	.00	.00	9,626,531.36
	I & S	.170100	1,736,634.93	.00	.00	.00	1,736,634.93	.00	.00	.00	1,736,634.93
	TOTAL	1.113000	11,363,166.29	.00	.00	.00	11,363,166.29	.00	.00	.00	11,363,166.29
2021	M & O	.971900	57,680.00	.00	14,663.08	.00	72,343.08	13,375.73	.00	.00	85,718.81
	I & S	.161300	9,572.79	.00	2,433.52	.00	12,006.31	.00	.00	.00	12,006.31
	TOTAL	1.133200	67,252.79	.00	17,096.60	.00	84,349.39	13,375.73	.00	.00	97,725.12
2020	M & O	1.028000	12,549.64	.00	5,462.92	.00	18,012.56	3,574.77	.00	.00	21,587.33
	I & S	.171300	2,091.17	.00	910.32	.00	3,001.49	.00	.00	.00	3,001.49
	TOTAL	1.199300	14,640.81	.00	6,373.24	.00	21,014.05	3,574.77	.00	.00	24,588.82
2019	M & O	1.068350	10,209.56	.00	4,385.95	.00	14,595.51	2,285.87	.00	.00	16,881.38
	I & S	.171200	1,636.08	.00	702.85	.00	2,338.93	.00	.00	.00	2,338.93
	TOTAL	1.239550	11,845.64	.00	5,088.80	.00	16,934.44	2,285.87	.00	.00	19,220.31
2018	M & O	1.170000	1,911.06	.00	888.61	.00	2,799.67	406.84	.00	.00	3,206.51
	I & S	.169800	277.37	.00	128.95	.00	406.32	.00	.00	.00	406.32
	TOTAL	1.339800	2,188.43	.00	1,017.56	.00	3,205.99	406.84	.00	.00	3,612.83
2017	M & O	1.170000	964.25	.00	694.11	.00	1,658.36	287.03	.00	.00	1,945.39
	I & S	.180200	148.50	.00	106.92	.00	255.42	.00	.00	.00	255.42
	TOTAL	1.350200	1,112.75	.00	801.03	.00	1,913.78	287.03	.00	.00	2,200.81
2016	M & O	1.170000	185.14	.00	155.51	.00	340.65	59.32	.00	.00	399.97
	I & S	.188200	29.77	.00	25.01	.00	54.78	.00	.00	.00	54.78
	TOTAL	1.358200	214.91	.00	180.52	.00	395.43	59.32	.00	.00	454.75
2015	M & O	1.170000	798.02	.00	760.96	.00	1,558.98	273.26	.00	.00	1,832.24
	I & S	.197200	134.51	.00	128.27	.00	262.78	.00	.00	.00	262.78
	TOTAL	1.367200	932.53	.00	889.23	.00	1,821.76	273.26	.00	.00	2,095.02
2014	M & O	1.170000	550.79	.00	589.62	.00	1,140.41	194.45	.00	.00	1,334.86
	I & S	.160000	75.33	.00	80.63	.00	155.96	.00	.00	.00	155.96
	TOTAL	1.330000	626.12	.00	670.25	.00	1,296.37	194.45	.00	.00	1,490.82
2013	M & O	1.170000	279.93	.00	168.20	.00	448.13	9.25	.00	.00	457.38
	I & S	.130000	31.11	.00	18.71	.00	49.82	.00	.00	.00	49.82
	TOTAL	1.300000	311.04	.00	186.91	.00	497.95	9.25	.00	.00	507.20
2012	M & O	1.170000	478.96	.00	619.84	.00	1,098.80	181.03	.00	.00	1,279.83
	I & S	.130000	53.22	.00	68.87	.00	122.09	.00	.00	.00	122.09
	TOTAL	1.300000	532.18	.00	688.71	.00	1,220.89	181.03	.00	.00	1,401.92
2011	M & O	1.170000	20.22	.00	14.71	.00	34.93	.00	.00	.00	34.93
	I & S	.130000	2.25	.00	1.63	.00	3.88	.00	.00	.00	3.88
	TOTAL	1.300000	22.47	.00	16.34	.00	38.81	.00	.00	.00	38.81

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2010	M & O	1.040000	13.23	.00	20.62	.00	33.85	6.35	.00	.00	40.20
	I & S	.260000	3.31	.00	5.16	.00	8.47	.00	.00	.00	8.47
	TOTAL	1.300000	16.54	.00	25.78	.00	42.32	6.35	.00	.00	48.67
2009	M & O	1.040000	.01	.00	.01	.00	.02	.00	.00	.00	.02
	I & S	.240000	.00	.00	.00	.00	.00	.00	.00	.00	.00
	TOTAL	1.280000	.01	.00	.01	.00	.02	.00	.00	.00	.02
2007	M & O	1.040000	36.12	.00	69.36	.00	105.48	17.95	.00	.00	123.43
	I & S	.140000	4.86	.00	9.34	.00	14.20	.00	.00	.00	14.20
	TOTAL	1.180000	40.98	.00	78.70	.00	119.68	17.95	.00	.00	137.63
2006	M & O	1.337400	14.49	.00	29.56	.00	44.05	7.20	.00	.00	51.25
	I & S	.120000	1.30	.00	2.65	.00	3.95	.00	.00	.00	3.95
	TOTAL	1.457400	15.79	.00	32.21	.00	48.00	7.20	.00	.00	55.20
ALL	M & O		9,712,222.78	.00	28,523.06	.00	9,740,745.84	20,679.05	.00	.00	9,761,424.89
ALL	I & S		1,750,696.50	.00	4,622.83	.00	1,755,319.33	.00	.00	.00	1,755,319.33
ALL	TOTAL		11,462,919.28	.00	33,145.89	.00	11,496,065.17	20,679.05	.00	.00	11,516,744.22
DLQ	M & O		85,691.42	.00	28,523.06	.00	114,214.48	20,679.05	.00	.00	134,893.53
DLQ	I & S		14,061.57	.00	4,622.83	.00	18,684.40	.00	.00	.00	18,684.40
DLQ	TOTAL		99,752.99	.00	33,145.89	.00	132,898.88	20,679.05	.00	.00	153,577.93
CURR	M & O		9,626,531.36	.00	.00	.00	9,626,531.36	.00	.00	.00	9,626,531.36
CURR	I & S		1,736,634.93	.00	.00	.00	1,736,634.93	.00	.00	.00	1,736,634.93
CURR	TOTAL		11,363,166.29	.00	.00	.00	11,363,166.29	.00	.00	.00	11,363,166.29

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2020	M & O	1.028000	2,337.89	.00	.00	.00	2,337.89	.00	.00	.00	2,337.89
	I & S	.171300	389.57	.00	.00	.00	389.57	.00	.00	.00	389.57
	TOTAL	1.199300	2,727.46	.00	.00	.00	2,727.46	.00	.00	.00	2,727.46
2019	M & O	1.068350	2,425.83	.00	.00	.00	2,425.83	.00	.00	.00	2,425.83
	I & S	.171200	388.73	.00	.00	.00	388.73	.00	.00	.00	388.73
	TOTAL	1.239550	2,814.56	.00	.00	.00	2,814.56	.00	.00	.00	2,814.56
ALL	M & O		4,763.72	.00	.00	.00	4,763.72	.00	.00	.00	4,763.72
ALL	I & S		778.30	.00	.00	.00	778.30	.00	.00	.00	778.30
ALL	TOTAL		5,542.02	.00	.00	.00	5,542.02	.00	.00	.00	5,542.02
DLQ	M & O		4,763.72	.00	.00	.00	4,763.72	.00	.00	.00	4,763.72
DLQ	I & S		778.30	.00	.00	.00	778.30	.00	.00	.00	778.30
DLQ	TOTAL		5,542.02	.00	.00	.00	5,542.02	.00	.00	.00	5,542.02
CURR	M & O		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	I & S		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2022	M & O	.942900	9,626,531.36	.00	.00	.00	9,626,531.36	.00	.00	.00	9,626,531.36
	I & S	.170100	1,736,634.93	.00	.00	.00	1,736,634.93	.00	.00	.00	1,736,634.93
	TOTAL	1.113000	11,363,166.29	.00	.00	.00	11,363,166.29	.00	.00	.00	11,363,166.29
2021	M & O	.971900	57,680.00	.00	14,663.08	.00	72,343.08	13,375.73	.00	.00	85,718.81
	I & S	.161300	9,572.79	.00	2,433.52	.00	12,006.31	.00	.00	.00	12,006.31
	TOTAL	1.133200	67,252.79	.00	17,096.60	.00	84,349.39	13,375.73	.00	.00	97,725.12
2020	M & O	1.028000	14,887.53	.00	5,462.92	.00	20,350.45	3,574.77	.00	.00	23,925.22
	I & S	.171300	2,480.74	.00	910.32	.00	3,391.06	.00	.00	.00	3,391.06
	TOTAL	1.199300	17,368.27	.00	6,373.24	.00	23,741.51	3,574.77	.00	.00	27,316.28
2019	M & O	1.068350	12,635.39	.00	4,385.95	.00	17,021.34	2,285.87	.00	.00	19,307.21
	I & S	.171200	2,024.81	.00	702.85	.00	2,727.66	.00	.00	.00	2,727.66
	TOTAL	1.239550	14,660.20	.00	5,088.80	.00	19,749.00	2,285.87	.00	.00	22,034.87
2018	M & O	1.170000	1,911.06	.00	888.61	.00	2,799.67	406.84	.00	.00	3,206.51
	I & S	.169800	277.37	.00	128.95	.00	406.32	.00	.00	.00	406.32
	TOTAL	1.339800	2,188.43	.00	1,017.56	.00	3,205.99	406.84	.00	.00	3,612.83
2017	M & O	1.170000	964.25	.00	694.11	.00	1,658.36	287.03	.00	.00	1,945.39
	I & S	.180200	148.50	.00	106.92	.00	255.42	.00	.00	.00	255.42
	TOTAL	1.350200	1,112.75	.00	801.03	.00	1,913.78	287.03	.00	.00	2,200.81
2016	M & O	1.170000	185.14	.00	155.51	.00	340.65	59.32	.00	.00	399.97
	I & S	.188200	29.77	.00	25.01	.00	54.78	.00	.00	.00	54.78
	TOTAL	1.358200	214.91	.00	180.52	.00	395.43	59.32	.00	.00	454.75
2015	M & O	1.170000	798.02	.00	760.96	.00	1,558.98	273.26	.00	.00	1,832.24
	I & S	.197200	134.51	.00	128.27	.00	262.78	.00	.00	.00	262.78
	TOTAL	1.367200	932.53	.00	889.23	.00	1,821.76	273.26	.00	.00	2,095.02
2014	M & O	1.170000	550.79	.00	589.62	.00	1,140.41	194.45	.00	.00	1,334.86
	I & S	.160000	75.33	.00	80.63	.00	155.96	.00	.00	.00	155.96
	TOTAL	1.330000	626.12	.00	670.25	.00	1,296.37	194.45	.00	.00	1,490.82
2013	M & O	1.170000	279.93	.00	168.20	.00	448.13	9.25	.00	.00	457.38
	I & S	.130000	31.11	.00	18.71	.00	49.82	.00	.00	.00	49.82
	TOTAL	1.300000	311.04	.00	186.91	.00	497.95	9.25	.00	.00	507.20
2012	M & O	1.170000	478.96	.00	619.84	.00	1,098.80	181.03	.00	.00	1,279.83
	I & S	.130000	53.22	.00	68.87	.00	122.09	.00	.00	.00	122.09
	TOTAL	1.300000	532.18	.00	688.71	.00	1,220.89	181.03	.00	.00	1,401.92
2011	M & O	1.170000	20.22	.00	14.71	.00	34.93	.00	.00	.00	34.93
	I & S	.130000	2.25	.00	1.63	.00	3.88	.00	.00	.00	3.88
	TOTAL	1.300000	22.47	.00	16.34	.00	38.81	.00	.00	.00	38.81

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2010	M & O	1.040000	13.23	.00	20.62	.00	33.85	6.35	.00	.00	40.20
	I & S	.260000	3.31	.00	5.16	.00	8.47	.00	.00	.00	8.47
	TOTAL	1.300000	16.54	.00	25.78	.00	42.32	6.35	.00	.00	48.67
2009	M & O	1.040000	.01	.00	.01	.00	.02	.00	.00	.00	.02
	I & S	.240000	.00	.00	.00	.00	.00	.00	.00	.00	.00
	TOTAL	1.280000	.01	.00	.01	.00	.02	.00	.00	.00	.02
2007	M & O	1.040000	36.12	.00	69.36	.00	105.48	17.95	.00	.00	123.43
	I & S	.140000	4.86	.00	9.34	.00	14.20	.00	.00	.00	14.20
	TOTAL	1.180000	40.98	.00	78.70	.00	119.68	17.95	.00	.00	137.63
2006	M & O	1.337400	14.49	.00	29.56	.00	44.05	7.20	.00	.00	51.25
	I & S	.120000	1.30	.00	2.65	.00	3.95	.00	.00	.00	3.95
	TOTAL	1.457400	15.79	.00	32.21	.00	48.00	7.20	.00	.00	55.20
ALL	M & O		9,716,986.50	.00	28,523.06	.00	9,745,509.56	20,679.05	.00	.00	9,766,188.61
ALL	I & S		1,751,474.80	.00	4,622.83	.00	1,756,097.63	.00	.00	.00	1,756,097.63
ALL	TOTAL		11,468,461.30	.00	33,145.89	.00	11,501,607.19	20,679.05	.00	.00	11,522,286.24
DLQ	M & O		90,455.14	.00	28,523.06	.00	118,978.20	20,679.05	.00	.00	139,657.25
DLQ	I & S		14,839.87	.00	4,622.83	.00	19,462.70	.00	.00	.00	19,462.70
DLQ	TOTAL		105,295.01	.00	33,145.89	.00	138,440.90	20,679.05	.00	.00	159,119.95
CURR	M & O		9,626,531.36	.00	.00	.00	9,626,531.36	.00	.00	.00	9,626,531.36
CURR	I & S		1,736,634.93	.00	.00	.00	1,736,634.93	.00	.00	.00	1,736,634.93
CURR	TOTAL		11,363,166.29	.00	.00	.00	11,363,166.29	.00	.00	.00	11,363,166.29

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	01.113000	31,401,885.46	20,230

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18	79.07	0.00
2021	1,488,893.45	9,563.95-	96,955.39-	67,252.79	579,775.36	812,162.70	41.65	0.00
2020	556,262.58	325.54-	36,594.66-	14,640.81	123,964.74	395,703.18	23.85	0.00
2019	368,583.48	4,227.49	602.94-	11,845.64	85,858.58	282,121.96	23.33	0.00
2018	250,722.27	4,569.39	3,283.11-	2,188.43	39,175.64	208,263.52	15.83	0.00
2017	197,106.98	.00	17,637.44-	1,112.75	21,411.78	158,057.76	11.93	0.00
2016	157,749.31	.00	2,459.53-	214.91	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	.00	374.15-	932.53	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	.00	196.07-	626.12	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	.00	114.13-	311.04	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	.00	121.55-	532.18	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	.00	126.57-	22.47	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	16.54	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	0.01	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	0.00	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	40.98	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	15.79	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	0.00	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	0.00	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	0.00	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	0.00	83.87	41,335.94	.20	0.00
2001	158,544.45	.00	5,432.31-	0.00	555.83	152,556.31	.36	0.00
****	35,663,824.11	86,675.89-	94,093.19-	11,462,919.28	25,726,045.26	9,843,685.66		0.00
CURR	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18		0.00
DELQ	4,331,743.31	1,092.61-	163,897.85-	99,752.99	896,865.98	3,270,979.48		0.00

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	0	0	0 0	00.000000	0.00	0

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2021	0.00	.00	2,236.22	0.00	2,236.22	0.00		0.00
2020	9,010.29	.00	4,448.32	2,727.46	13,458.61	0.00		0.00
2019	10,966.81	.00	4,590.36	2,814.56	13,898.99	1,658.18	89.34	0.00
2018	8,598.90	.00	0.00	0.00	6,961.60	1,637.30	80.96	0.00
2017	1,722.57	.00	0.00	0.00	0.00	1,722.57		0.00
****	30,298.57	.00	11,274.90	5,542.02	36,555.42	5,018.05		0.00
CURR	0.00	.00	0.00	0.00	0.00	0.00		0.00
DELQ	30,298.57	.00	11,274.90	5,542.02	36,555.42	5,018.05		0.00

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	01.113000	31,401,885.46	20,215

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18	79.07	0.00
2021	1,488,893.45	9,563.95-	94,719.17-	67,252.79	582,011.58	812,162.70	41.75	0.00
2020	565,272.87	325.54-	32,146.34-	17,368.27	137,423.35	395,703.18	25.78	0.00
2019	379,550.29	4,227.49	3,987.42	14,660.20	99,757.57	283,780.14	26.01	0.00
2018	259,321.17	4,569.39	3,283.11-	2,188.43	46,137.24	209,900.82	18.02	0.00
2017	198,829.55	.00	17,637.44-	1,112.75	21,411.78	159,780.33	11.82	0.00
2016	157,749.31	.00	2,459.53-	214.91	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	.00	374.15-	932.53	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	.00	196.07-	626.12	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	.00	114.13-	311.04	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	.00	121.55-	532.18	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	.00	126.57-	22.47	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	16.54	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	0.01	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	0.00	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	40.98	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	15.79	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	0.00	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	0.00	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	0.00	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	0.00	83.87	41,335.94	.20	0.00
2001	158,544.45	.00	5,432.31-	0.00	555.83	152,556.31	.36	0.00
****	35,694,122.68	86,675.89-	82,818.29-	11,468,461.30	25,762,600.68	9,848,703.71		0.00
CURR	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18		0.00
DELQ	4,362,041.88	1,092.61-	152,622.95-	105,295.01	933,421.40	3,275,997.53		0.00

JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	1.113000	31,401,885.46	20,230

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18	79.07	0.00
ADJUSTMENT REFUNDS		18,636.36-	20,558.15-					
2021	1,488,893.45	9,563.95-	96,955.39-	67,252.79	579,775.36	812,162.70	41.65	0.00
ADJUSTMENT REFUNDS		7,621.26-	86,264.81-					
2020	556,262.58	325.54-	36,594.66-	14,640.81	123,964.74	395,703.18	23.85	0.00
ADJUSTMENT REFUNDS		4,415.75-	35,582.29-					
2019	368,583.48	4,227.49	602.94-	11,845.64	85,858.58	282,121.96	23.33	0.00
ADJUSTMENT REFUNDS		.00	210.72-					
2018	250,722.27	4,569.39	3,283.11-	2,188.43	39,175.64	208,263.52	15.83	0.00
ADJUSTMENT REFUNDS		.00	3,320.02-					
2017	197,106.98	.00	17,637.44-	1,112.75	21,411.78	158,057.76	11.93	0.00
2016	157,749.31	.00	2,459.53-	214.91	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	.00	374.15-	932.53	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	.00	196.07-	626.12	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	.00	114.13-	311.04	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	.00	121.55-	532.18	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	.00	126.57-	22.47	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	16.54	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	0.01	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	0.00	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	40.98	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	15.79	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	0.00	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	0.00	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	0.00	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	0.00	83.87	41,335.94	.20	0.00
2001	158,544.45	.00	5,432.31-	0.00	555.83	152,556.31	.36	0.00
****	35,663,824.11	86,675.89-	94,093.19-	11,462,919.28	25,726,045.26	9,843,685.66		0.00
ADJUSTMENT REFUNDS		30,673.37-	145,935.99-					

JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	0	0	0	1.133200	2,236.22	1

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2021	0.00	.00	2,236.22	0.00	2,236.22	0.00		0.00
ADJUSTMENT REFUNDS		7,621.26-	86,264.81-					
2020	9,010.29	.00	4,448.32	2,727.46	13,458.61	0.00		0.00
ADJUSTMENT REFUNDS		4,415.75-	35,582.29-					
2019	10,966.81	.00	4,590.36	2,814.56	13,898.99	1,658.18	89.34	0.00
ADJUSTMENT REFUNDS		.00	210.72-					
2018	8,598.90	.00	0.00	0.00	6,961.60	1,637.30	80.96	0.00
ADJUSTMENT REFUNDS		.00	3,320.02-					
2017	1,722.57	.00	0.00	0.00	0.00	1,722.57		0.00
****	30,298.57	.00	11,274.90	5,542.02	36,555.42	5,018.05		0.00
ADJUSTMENT REFUNDS		12,037.01-	125,377.84-					

JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	1.113000	31,401,885.46	20,215

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	85,583.28-	69,804.66	11,363,166.29	24,829,179.28	6,572,706.18	79.07	0.00
ADJUSTMENT REFUNDS		18,636.36-	20,558.15-					
2021	1,488,893.45	9,563.95-	94,719.17-	67,252.79	582,011.58	812,162.70	41.75	0.00
ADJUSTMENT REFUNDS		7,621.26-	86,264.81-					
2020	565,272.87	325.54-	32,146.34-	17,368.27	137,423.35	395,703.18	25.78	0.00
ADJUSTMENT REFUNDS		4,415.75-	35,582.29-					
2019	379,550.29	4,227.49	3,987.42	14,660.20	99,757.57	283,780.14	26.01	0.00
ADJUSTMENT REFUNDS		.00	210.72-					
2018	259,321.17	4,569.39	3,283.11-	2,188.43	46,137.24	209,900.82	18.02	0.00
ADJUSTMENT REFUNDS		.00	3,320.02-					
2017	198,829.55	.00	17,637.44-	1,112.75	21,411.78	159,780.33	11.82	0.00
2016	157,749.31	.00	2,459.53-	214.91	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	.00	374.15-	932.53	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	.00	196.07-	626.12	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	.00	114.13-	311.04	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	.00	121.55-	532.18	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	.00	126.57-	22.47	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	16.54	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	0.01	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	0.00	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	40.98	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	15.79	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	0.00	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	0.00	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	0.00	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	0.00	83.87	41,335.94	.20	0.00
2001	158,544.45	.00	5,432.31-	0.00	555.83	152,556.31	.36	0.00
****	35,694,122.68	86,675.89-	82,818.29-	11,468,461.30	25,762,600.68	9,848,703.71		0.00
ADJUSTMENT REFUNDS		30,673.37-	145,935.99-					

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2022	M & O	.942900	21,034,530.78	.00	.00	.00	21,034,530.78	.00	.00	.00	21,034,530.78
	I & S	.170100	3,794,648.50	.00	.00	.00	3,794,648.50	.00	.00	.00	3,794,648.50
	TOTAL	1.113000	24,829,179.28	.00	.00	.00	24,829,179.28	.00	.00	.00	24,829,179.28
2021	M & O	.971900	497,249.34	.00	105,033.25	.00	602,282.59	103,436.69	.00	.00	705,719.28
	I & S	.161300	82,526.02	.00	17,431.67	.00	99,957.69	.00	.00	.00	99,957.69
	TOTAL	1.133200	579,775.36	.00	122,464.92	.00	702,240.28	103,436.69	.00	.00	805,676.97
2020	M & O	1.028000	106,258.54	.00	41,482.71	.00	147,741.25	29,164.45	.00	.00	176,905.70
	I & S	.171300	17,706.20	.00	6,912.37	.00	24,618.57	.00	.00	.00	24,618.57
	TOTAL	1.199300	123,964.74	.00	48,395.08	.00	172,359.82	29,164.45	.00	.00	201,524.27
2019	M & O	1.068350	74,000.22	.00	31,388.02	.00	105,388.24	17,217.53	.00	.00	122,605.77
	I & S	.171200	11,858.36	.00	5,029.72	.00	16,888.08	.00	.00	.00	16,888.08
	TOTAL	1.239550	85,858.58	.00	36,417.74	.00	122,276.32	17,217.53	.00	.00	139,493.85
2018	M & O	1.170000	34,210.64	.00	19,331.58	.00	53,542.22	8,977.52	.00	.00	62,519.74
	I & S	.169800	4,965.00	.00	2,805.51	.00	7,770.51	.00	.00	.00	7,770.51
	TOTAL	1.339800	39,175.64	.00	22,137.09	.00	61,312.73	8,977.52	.00	.00	70,290.25
2017	M & O	1.170000	18,554.08	.00	11,725.93	.00	30,280.01	4,794.97	.00	.00	35,074.98
	I & S	.180200	2,857.70	.00	1,805.99	.00	4,663.69	.00	.00	.00	4,663.69
	TOTAL	1.350200	21,411.78	.00	13,531.92	.00	34,943.70	4,794.97	.00	.00	39,738.67
2016	M & O	1.170000	11,832.06	.00	8,972.09	.00	20,804.15	3,419.73	.00	.00	24,223.88
	I & S	.188200	1,903.16	.00	1,443.15	.00	3,346.31	.00	.00	.00	3,346.31
	TOTAL	1.358200	13,735.22	.00	10,415.24	.00	24,150.46	3,419.73	.00	.00	27,570.19
2015	M & O	1.170000	7,013.05	.00	6,011.29	.00	13,024.34	2,078.40	.00	.00	15,102.74
	I & S	.197200	1,182.04	.00	1,013.22	.00	2,195.26	.00	.00	.00	2,195.26
	TOTAL	1.367200	8,195.09	.00	7,024.51	.00	15,219.60	2,078.40	.00	.00	17,298.00
2014	M & O	1.170000	4,659.11	.00	4,450.72	.00	9,109.83	1,348.17	.00	.00	10,458.00
	I & S	.160000	637.15	.00	608.64	.00	1,245.79	.00	.00	.00	1,245.79
	TOTAL	1.330000	5,296.26	.00	5,059.36	.00	10,355.62	1,348.17	.00	.00	11,703.79
2013	M & O	1.170000	4,013.82	.00	3,680.09	.00	7,693.91	910.23	.00	.00	8,604.14
	I & S	.130000	445.99	.00	408.95	.00	854.94	.00	.00	.00	854.94
	TOTAL	1.300000	4,459.81	.00	4,089.04	.00	8,548.85	910.23	.00	.00	9,459.08
2012	M & O	1.170000	2,921.70	.00	3,313.83	.00	6,235.53	863.05	.00	.00	7,098.58
	I & S	.130000	324.63	.00	368.22	.00	692.85	.00	.00	.00	692.85
	TOTAL	1.300000	3,246.33	.00	3,682.05	.00	6,928.38	863.05	.00	.00	7,791.43
2011	M & O	1.170000	1,807.67	.00	2,046.65	.00	3,854.32	486.85	.00	.00	4,341.17
	I & S	.130000	200.85	.00	227.41	.00	428.26	.00	.00	.00	428.26
	TOTAL	1.300000	2,008.52	.00	2,274.06	.00	4,282.58	486.85	.00	.00	4,769.43

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2010	M & O	1.040000	944.30	.00	1,027.18	.00	1,971.48	270.17	.00	.00	2,241.65
	I & S	.260000	236.09	.00	256.81	.00	492.90	.00	.00	.00	492.90
	TOTAL	1.300000	1,180.39	.00	1,283.99	.00	2,464.38	270.17	.00	.00	2,734.55
2009	M & O	1.040000	1,044.56	.00	1,294.20	.00	2,338.76	330.78	.00	.00	2,669.54
	I & S	.240000	241.05	.00	298.66	.00	539.71	.00	.00	.00	539.71
	TOTAL	1.280000	1,285.61	.00	1,592.86	.00	2,878.47	330.78	.00	.00	3,209.25
2008	M & O	1.040000	1,334.45	.00	1,969.89	.00	3,304.34	473.44	.00	.00	3,777.78
	I & S	.200000	256.63	.00	378.83	.00	635.46	.00	.00	.00	635.46
	TOTAL	1.240000	1,591.08	.00	2,348.72	.00	3,939.80	473.44	.00	.00	4,413.24
2007	M & O	1.040000	1,150.12	.00	1,783.60	.00	2,933.72	409.88	.00	.00	3,343.60
	I & S	.140000	154.83	.00	240.10	.00	394.93	.00	.00	.00	394.93
	TOTAL	1.180000	1,304.95	.00	2,023.70	.00	3,328.65	409.88	.00	.00	3,738.53
2006	M & O	1.337400	892.43	.00	1,796.65	.00	2,689.08	439.56	.00	.00	3,128.64
	I & S	.120000	80.07	.00	161.20	.00	241.27	.00	.00	.00	241.27
	TOTAL	1.457400	972.50	.00	1,957.85	.00	2,930.35	439.56	.00	.00	3,369.91
2005	M & O	1.463200	1,710.19	.00	3,549.77	.00	5,259.96	822.65	.00	.00	6,082.61
	I & S	.100000	116.88	.00	242.60	.00	359.48	.00	.00	.00	359.48
	TOTAL	1.563200	1,827.07	.00	3,792.37	.00	5,619.44	822.65	.00	.00	6,442.09
2004	M & O	1.463200	581.62	.00	1,098.60	.00	1,680.22	224.01	.00	.00	1,904.23
	I & S	.105900	42.09	.00	79.52	.00	121.61	.00	.00	.00	121.61
	TOTAL	1.569100	623.71	.00	1,178.12	.00	1,801.83	224.01	.00	.00	2,025.84
2003	M & O	1.463200	289.70	.00	594.86	.00	884.56	130.23	.00	.00	1,014.79
	I & S	.120900	23.94	.00	49.14	.00	73.08	.00	.00	.00	73.08
	TOTAL	1.584100	313.64	.00	644.00	.00	957.64	130.23	.00	.00	1,087.87
2002	M & O	1.450000	76.77	.00	189.31	.00	266.08	43.60	.00	.00	309.68
	I & S	.134100	7.10	.00	17.50	.00	24.60	.00	.00	.00	24.60
	TOTAL	1.584100	83.87	.00	206.81	.00	290.68	43.60	.00	.00	334.28
2001	M & O	1.439400	230.85	.00	512.61	.00	743.46	101.80	.00	.00	845.26
	I & S	.094700	15.19	.00	33.73	.00	48.92	.00	.00	.00	48.92
	TOTAL	1.534100	246.04	.00	546.34	.00	792.38	101.80	.00	.00	894.18
2000	M & O	1.400000	94.63	.00	238.45	.00	333.08	51.15	.00	.00	384.23
	I & S	.134100	9.07	.00	22.84	.00	31.91	.00	.00	.00	31.91
	TOTAL	1.534100	103.70	.00	261.29	.00	364.99	51.15	.00	.00	416.14
1999	M & O	1.420800	26.28	.00	74.12	.00	100.40	15.95	.00	.00	116.35
	I & S	.084200	1.56	.00	4.39	.00	5.95	.00	.00	.00	5.95
	TOTAL	1.505000	27.84	.00	78.51	.00	106.35	15.95	.00	.00	122.30

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
1998	M & O	1.231000	112.46	.00	279.17	.00	391.63	59.06	.00	.00	450.69
	I & S	.274000	25.04	.00	62.14	.00	87.18	.00	.00	.00	87.18
	TOTAL	1.505000	137.50	.00	341.31	.00	478.81	59.06	.00	.00	537.87
1996	M & O	1.248600	16.68	.00	43.63	.00	60.31	8.45	.00	.00	68.76
	I & S	.206400	2.76	.00	7.21	.00	9.97	.00	.00	.00	9.97
	TOTAL	1.455000	19.44	.00	50.84	.00	70.28	8.45	.00	.00	78.73
1995	M & O	1.184200	18.09	.00	49.49	.00	67.58	9.65	.00	.00	77.23
	I & S	.210800	3.22	.00	8.81	.00	12.03	.00	.00	.00	12.03
	TOTAL	1.395000	21.31	.00	58.30	.00	79.61	9.65	.00	.00	89.26
ALL	M & O		21,805,574.14	.00	251,937.69	.00	22,057,511.83	176,087.97	.00	.00	22,233,599.80
ALL	I & S		3,920,471.12	.00	39,918.33	.00	3,960,389.45	.00	.00	.00	3,960,389.45
ALL	TOTAL		25,726,045.26	.00	291,856.02	.00	26,017,901.28	176,087.97	.00	.00	26,193,989.25
DLQ	M & O		771,043.36	.00	251,937.69	.00	1,022,981.05	176,087.97	.00	.00	1,199,069.02
DLQ	I & S		125,822.62	.00	39,918.33	.00	165,740.95	.00	.00	.00	165,740.95
DLQ	TOTAL		896,865.98	.00	291,856.02	.00	1,188,722.00	176,087.97	.00	.00	1,364,809.97
CURR	M & O		21,034,530.78	.00	.00	.00	21,034,530.78	.00	.00	.00	21,034,530.78
CURR	I & S		3,794,648.50	.00	.00	.00	3,794,648.50	.00	.00	.00	3,794,648.50
CURR	TOTAL		24,829,179.28	.00	.00	.00	24,829,179.28	.00	.00	.00	24,829,179.28

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2021	M & O	.971900	1,917.92	.00	.00	.00	1,917.92	.00	.00	.00	1,917.92
	I & S	.161300	318.30	.00	.00	.00	318.30	.00	.00	.00	318.30
	TOTAL	1.133200	2,236.22	.00	.00	.00	2,236.22	.00	.00	.00	2,236.22
2020	M & O	1.028000	11,536.27	.00	.00	.00	11,536.27	.00	.00	.00	11,536.27
	I & S	.171300	1,922.34	.00	.00	.00	1,922.34	.00	.00	.00	1,922.34
	TOTAL	1.199300	13,458.61	.00	.00	.00	13,458.61	.00	.00	.00	13,458.61
2019	M & O	1.068350	11,979.34	.00	.00	.00	11,979.34	.00	.00	.00	11,979.34
	I & S	.171200	1,919.65	.00	.00	.00	1,919.65	.00	.00	.00	1,919.65
	TOTAL	1.239550	13,898.99	.00	.00	.00	13,898.99	.00	.00	.00	13,898.99
2018	M & O	1.170000	6,079.32	.00	.00	.00	6,079.32	.00	.00	.00	6,079.32
	I & S	.169800	882.28	.00	.00	.00	882.28	.00	.00	.00	882.28
	TOTAL	1.339800	6,961.60	.00	.00	.00	6,961.60	.00	.00	.00	6,961.60
ALL	M & O		31,512.85	.00	.00	.00	31,512.85	.00	.00	.00	31,512.85
ALL	I & S		5,042.57	.00	.00	.00	5,042.57	.00	.00	.00	5,042.57
ALL	TOTAL		36,555.42	.00	.00	.00	36,555.42	.00	.00	.00	36,555.42
DLQ	M & O		31,512.85	.00	.00	.00	31,512.85	.00	.00	.00	31,512.85
DLQ	I & S		5,042.57	.00	.00	.00	5,042.57	.00	.00	.00	5,042.57
DLQ	TOTAL		36,555.42	.00	.00	.00	36,555.42	.00	.00	.00	36,555.42
CURR	M & O		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	I & S		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2022	M & O	.942900	21,034,530.78	.00	.00	.00	21,034,530.78	.00	.00	.00	21,034,530.78
	I & S	.170100	3,794,648.50	.00	.00	.00	3,794,648.50	.00	.00	.00	3,794,648.50
	TOTAL	1.113000	24,829,179.28	.00	.00	.00	24,829,179.28	.00	.00	.00	24,829,179.28
2021	M & O	.971900	499,167.26	.00	105,033.25	.00	604,200.51	103,436.69	.00	.00	707,637.20
	I & S	.161300	82,844.32	.00	17,431.67	.00	100,275.99	.00	.00	.00	100,275.99
	TOTAL	1.133200	582,011.58	.00	122,464.92	.00	704,476.50	103,436.69	.00	.00	807,913.19
2020	M & O	1.028000	117,794.81	.00	41,482.71	.00	159,277.52	29,164.45	.00	.00	188,441.97
	I & S	.171300	19,628.54	.00	6,912.37	.00	26,540.91	.00	.00	.00	26,540.91
	TOTAL	1.199300	137,423.35	.00	48,395.08	.00	185,818.43	29,164.45	.00	.00	214,982.88
2019	M & O	1.068350	85,979.56	.00	31,388.02	.00	117,367.58	17,217.53	.00	.00	134,585.11
	I & S	.171200	13,778.01	.00	5,029.72	.00	18,807.73	.00	.00	.00	18,807.73
	TOTAL	1.239550	99,757.57	.00	36,417.74	.00	136,175.31	17,217.53	.00	.00	153,392.84
2018	M & O	1.170000	40,289.96	.00	19,331.58	.00	59,621.54	8,977.52	.00	.00	68,599.06
	I & S	.169800	5,847.28	.00	2,805.51	.00	8,652.79	.00	.00	.00	8,652.79
	TOTAL	1.339800	46,137.24	.00	22,137.09	.00	68,274.33	8,977.52	.00	.00	77,251.85
2017	M & O	1.170000	18,554.08	.00	11,725.93	.00	30,280.01	4,794.97	.00	.00	35,074.98
	I & S	.180200	2,857.70	.00	1,805.99	.00	4,663.69	.00	.00	.00	4,663.69
	TOTAL	1.350200	21,411.78	.00	13,531.92	.00	34,943.70	4,794.97	.00	.00	39,738.67
2016	M & O	1.170000	11,832.06	.00	8,972.09	.00	20,804.15	3,419.73	.00	.00	24,223.88
	I & S	.188200	1,903.16	.00	1,443.15	.00	3,346.31	.00	.00	.00	3,346.31
	TOTAL	1.358200	13,735.22	.00	10,415.24	.00	24,150.46	3,419.73	.00	.00	27,570.19
2015	M & O	1.170000	7,013.05	.00	6,011.29	.00	13,024.34	2,078.40	.00	.00	15,102.74
	I & S	.197200	1,182.04	.00	1,013.22	.00	2,195.26	.00	.00	.00	2,195.26
	TOTAL	1.367200	8,195.09	.00	7,024.51	.00	15,219.60	2,078.40	.00	.00	17,298.00
2014	M & O	1.170000	4,659.11	.00	4,450.72	.00	9,109.83	1,348.17	.00	.00	10,458.00
	I & S	.160000	637.15	.00	608.64	.00	1,245.79	.00	.00	.00	1,245.79
	TOTAL	1.330000	5,296.26	.00	5,059.36	.00	10,355.62	1,348.17	.00	.00	11,703.79
2013	M & O	1.170000	4,013.82	.00	3,680.09	.00	7,693.91	910.23	.00	.00	8,604.14
	I & S	.130000	445.99	.00	408.95	.00	854.94	.00	.00	.00	854.94
	TOTAL	1.300000	4,459.81	.00	4,089.04	.00	8,548.85	910.23	.00	.00	9,459.08
2012	M & O	1.170000	2,921.70	.00	3,313.83	.00	6,235.53	863.05	.00	.00	7,098.58
	I & S	.130000	324.63	.00	368.22	.00	692.85	.00	.00	.00	692.85
	TOTAL	1.300000	3,246.33	.00	3,682.05	.00	6,928.38	863.05	.00	.00	7,791.43
2011	M & O	1.170000	1,807.67	.00	2,046.65	.00	3,854.32	486.85	.00	.00	4,341.17
	I & S	.130000	200.85	.00	227.41	.00	428.26	.00	.00	.00	428.26
	TOTAL	1.300000	2,008.52	.00	2,274.06	.00	4,282.58	486.85	.00	.00	4,769.43

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2010	M & O	1.040000	944.30	.00	1,027.18	.00	1,971.48	270.17	.00	.00	2,241.65
	I & S	.260000	236.09	.00	256.81	.00	492.90	.00	.00	.00	492.90
	TOTAL	1.300000	1,180.39	.00	1,283.99	.00	2,464.38	270.17	.00	.00	2,734.55
2009	M & O	1.040000	1,044.56	.00	1,294.20	.00	2,338.76	330.78	.00	.00	2,669.54
	I & S	.240000	241.05	.00	298.66	.00	539.71	.00	.00	.00	539.71
	TOTAL	1.280000	1,285.61	.00	1,592.86	.00	2,878.47	330.78	.00	.00	3,209.25
2008	M & O	1.040000	1,334.45	.00	1,969.89	.00	3,304.34	473.44	.00	.00	3,777.78
	I & S	.200000	256.63	.00	378.83	.00	635.46	.00	.00	.00	635.46
	TOTAL	1.240000	1,591.08	.00	2,348.72	.00	3,939.80	473.44	.00	.00	4,413.24
2007	M & O	1.040000	1,150.12	.00	1,783.60	.00	2,933.72	409.88	.00	.00	3,343.60
	I & S	.140000	154.83	.00	240.10	.00	394.93	.00	.00	.00	394.93
	TOTAL	1.180000	1,304.95	.00	2,023.70	.00	3,328.65	409.88	.00	.00	3,738.53
2006	M & O	1.337400	892.43	.00	1,796.65	.00	2,689.08	439.56	.00	.00	3,128.64
	I & S	.120000	80.07	.00	161.20	.00	241.27	.00	.00	.00	241.27
	TOTAL	1.457400	972.50	.00	1,957.85	.00	2,930.35	439.56	.00	.00	3,369.91
2005	M & O	1.463200	1,710.19	.00	3,549.77	.00	5,259.96	822.65	.00	.00	6,082.61
	I & S	.100000	116.88	.00	242.60	.00	359.48	.00	.00	.00	359.48
	TOTAL	1.563200	1,827.07	.00	3,792.37	.00	5,619.44	822.65	.00	.00	6,442.09
2004	M & O	1.463200	581.62	.00	1,098.60	.00	1,680.22	224.01	.00	.00	1,904.23
	I & S	.105900	42.09	.00	79.52	.00	121.61	.00	.00	.00	121.61
	TOTAL	1.569100	623.71	.00	1,178.12	.00	1,801.83	224.01	.00	.00	2,025.84
2003	M & O	1.463200	289.70	.00	594.86	.00	884.56	130.23	.00	.00	1,014.79
	I & S	.120900	23.94	.00	49.14	.00	73.08	.00	.00	.00	73.08
	TOTAL	1.584100	313.64	.00	644.00	.00	957.64	130.23	.00	.00	1,087.87
2002	M & O	1.450000	76.77	.00	189.31	.00	266.08	43.60	.00	.00	309.68
	I & S	.134100	7.10	.00	17.50	.00	24.60	.00	.00	.00	24.60
	TOTAL	1.584100	83.87	.00	206.81	.00	290.68	43.60	.00	.00	334.28
2001	M & O	1.439400	230.85	.00	512.61	.00	743.46	101.80	.00	.00	845.26
	I & S	.094700	15.19	.00	33.73	.00	48.92	.00	.00	.00	48.92
	TOTAL	1.534100	246.04	.00	546.34	.00	792.38	101.80	.00	.00	894.18
2000	M & O	1.400000	94.63	.00	238.45	.00	333.08	51.15	.00	.00	384.23
	I & S	.134100	9.07	.00	22.84	.00	31.91	.00	.00	.00	31.91
	TOTAL	1.534100	103.70	.00	261.29	.00	364.99	51.15	.00	.00	416.14
1999	M & O	1.420800	26.28	.00	74.12	.00	100.40	15.95	.00	.00	116.35
	I & S	.084200	1.56	.00	4.39	.00	5.95	.00	.00	.00	5.95
	TOTAL	1.505000	27.84	.00	78.51	.00	106.35	15.95	.00	.00	122.30

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
1998	M & O	1.231000	112.46	.00	279.17	.00	391.63	59.06	.00	.00	450.69
	I & S	.274000	25.04	.00	62.14	.00	87.18	.00	.00	.00	87.18
	TOTAL	1.505000	137.50	.00	341.31	.00	478.81	59.06	.00	.00	537.87
1996	M & O	1.248600	16.58	.00	43.63	.00	60.31	8.45	.00	.00	68.76
	I & S	.206400	2.76	.00	7.21	.00	9.97	.00	.00	.00	9.97
	TOTAL	1.455000	19.44	.00	50.84	.00	70.28	8.45	.00	.00	78.73
1995	M & O	1.184200	18.09	.00	49.49	.00	67.58	9.65	.00	.00	77.23
	I & S	.210800	3.22	.00	8.81	.00	12.03	.00	.00	.00	12.03
	TOTAL	1.395000	21.31	.00	58.30	.00	79.61	9.65	.00	.00	89.26
ALL	M & O		21,837,086.99	.00	251,937.69	.00	22,089,024.68	176,087.97	.00	.00	22,265,112.65
ALL	I & S		3,925,513.69	.00	39,918.33	.00	3,965,432.02	.00	.00	.00	3,965,432.02
ALL	TOTAL		25,762,600.68	.00	291,856.02	.00	26,054,456.70	176,087.97	.00	.00	26,230,544.67
DLQ	M & O		802,556.21	.00	251,937.69	.00	1,054,493.90	176,087.97	.00	.00	1,230,581.87
DLQ	I & S		130,865.19	.00	39,918.33	.00	170,783.52	.00	.00	.00	170,783.52
DLQ	TOTAL		933,421.40	.00	291,856.02	.00	1,225,277.42	176,087.97	.00	.00	1,401,365.39
CURR	M & O		21,034,530.78	.00	.00	.00	21,034,530.78	.00	.00	.00	21,034,530.78
CURR	I & S		3,794,648.50	.00	.00	.00	3,794,648.50	.00	.00	.00	3,794,648.50
CURR	TOTAL		24,829,179.28	.00	.00	.00	24,829,179.28	.00	.00	.00	24,829,179.28

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	01.113000	31,401,885.46	20,230

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	69,804.66	69,804.66	24,829,179.28	24,829,179.28	6,572,706.18	79.07	0.00
2021	1,488,893.45	96,955.39-	96,955.39-	579,775.36	579,775.36	812,162.70	41.65	0.00
2020	556,262.58	36,594.66-	36,594.66-	123,964.74	123,964.74	395,703.18	23.85	0.00
2019	368,583.48	602.94-	602.94-	85,858.58	85,858.58	282,121.96	23.33	0.00
2018	250,722.27	3,283.11-	3,283.11-	39,175.64	39,175.64	208,263.52	15.83	0.00
2017	197,106.98	17,637.44-	17,637.44-	21,411.78	21,411.78	158,057.76	11.93	0.00
2016	157,749.31	2,459.53-	2,459.53-	13,735.22	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	374.15-	374.15-	8,195.09	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	196.07-	196.07-	5,296.26	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	114.13-	114.13-	4,459.81	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	121.55-	121.55-	3,246.33	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	126.57-	126.57-	2,008.52	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	1,180.39	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	1,285.61	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	1,591.08	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	1,304.95	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	972.50	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	1,827.07	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	623.71	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	313.64	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	83.87	83.87	41,335.94	.20	0.00
2001	158,544.45	5,432.31-	5,432.31-	555.83	555.83	152,556.31	.36	0.00
****	35,663,824.11	94,093.19-	94,093.19-	25,726,045.26	25,726,045.26	9,843,685.66		0.00
CURR	31,332,080.80	69,804.66	69,804.66	24,829,179.28	24,829,179.28	6,572,706.18		0.00
DELQ	4,331,743.31	163,897.85-	163,897.85-	896,865.98	896,865.98	3,270,979.48		0.00

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	0	0	0 0	00.000000	0.00	0

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2021	0.00	2,236.22	2,236.22	2,236.22	2,236.22	0.00		0.00
2020	9,010.29	4,448.32	4,448.32	13,458.61	13,458.61	0.00		0.00
2019	10,966.81	4,590.36	4,590.36	13,898.99	13,898.99	1,658.18	89.34	0.00
2018	8,598.90	.00	0.00	6,961.60	6,961.60	1,637.30	80.96	0.00
2017	1,722.57	.00	0.00	0.00	0.00	1,722.57		0.00
****	30,298.57	11,274.90	11,274.90	36,555.42	36,555.42	5,018.05		0.00
CURR	0.00	.00	0.00	0.00	0.00	0.00		0.00
DELQ	30,298.57	11,274.90	11,274.90	36,555.42	36,555.42	5,018.05		0.00

FISCAL START: 07/01/2022 END: 06/30/2023 JURISDICTION: 0048 MISSION CISD

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	2,869,114,178	9,381,289	2,878,495,467	01.113000	31,401,885.46	20,230

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2022	31,332,080.80	69,804.66	69,804.66	24,829,179.28	24,829,179.28	6,572,706.18	79.07	0.00
2021	1,488,893.45	94,719.17-	94,719.17-	582,011.58	582,011.58	812,162.70	41.75	0.00
2020	565,272.87	32,146.34-	32,146.34-	137,423.35	137,423.35	395,703.18	25.78	0.00
2019	379,550.29	3,987.42	3,987.42	99,757.57	99,757.57	283,780.14	26.01	0.00
2018	259,321.17	3,283.11-	3,283.11-	46,137.24	46,137.24	209,900.82	18.02	0.00
2017	198,829.55	17,637.44-	17,637.44-	21,411.78	21,411.78	159,780.33	11.82	0.00
2016	157,749.31	2,459.53-	2,459.53-	13,735.22	13,735.22	141,554.56	8.84	0.00
2015	132,716.63	374.15-	374.15-	8,195.09	8,195.09	124,147.39	6.19	0.00
2014	116,629.45	196.07-	196.07-	5,296.26	5,296.26	111,137.12	4.55	0.00
2013	102,397.49	114.13-	114.13-	4,459.81	4,459.81	97,823.55	4.36	0.00
2012	98,527.46	121.55-	121.55-	3,246.33	3,246.33	95,159.58	3.30	0.00
2011	91,176.06	126.57-	126.57-	2,008.52	2,008.52	89,040.97	2.21	0.00
2010	84,961.54	.00	0.00	1,180.39	1,180.39	83,781.15	1.39	0.00
2009	88,676.21	.00	0.00	1,285.61	1,285.61	87,390.60	1.45	0.00
2008	86,440.93	.00	0.00	1,591.08	1,591.08	84,849.85	1.84	0.00
2007	72,286.80	.00	0.00	1,304.95	1,304.95	70,981.85	1.81	0.00
2006	71,093.88	.00	0.00	972.50	972.50	70,121.38	1.37	0.00
2005	65,685.76	.00	0.00	1,827.07	1,827.07	63,858.69	2.78	0.00
2004	59,922.84	.00	0.00	623.71	623.71	59,299.13	1.04	0.00
2003	41,945.93	.00	0.00	313.64	313.64	41,632.29	.75	0.00
2002	41,419.81	.00	0.00	83.87	83.87	41,335.94	.20	0.00
2001	158,544.45	5,432.31-	5,432.31-	555.83	555.83	152,556.31	.36	0.00
****	35,694,122.68	82,818.29-	82,818.29-	25,762,600.68	25,762,600.68	9,848,703.71		0.00
CURR	31,332,080.80	69,804.66	69,804.66	24,829,179.28	24,829,179.28	6,572,706.18		0.00
DELQ	4,362,041.88	152,622.95-	152,622.95-	933,421.40	933,421.40	3,275,997.53		0.00

ACCOUNT	YEAR	DEPOSIT	LEVY COLLECTED	RENDITION PENALTY	P & I COLLECTED	RENDITION P & I	RENDITION DISCOUNT	APPRAISAL COMMISSION	DISBURSEMENT AMOUNT
CURR FOR 0047 MCALLEN ISD			664,189.93	60,960.23	0.00	0.00	0.00	3,048.08	661,141.85
BY COUNTY 108			664,189.93	60,960.23	0.00	0.00	0.00	3,048.08	661,141.85
DELQ FOR 0047 MCALLEN ISD			18,344.41	2,100.77	5,264.53	607.48	0.00	135.46	23,473.48
BY COUNTY 108			18,344.41	2,100.77	5,264.53	607.48	0.00	135.46	23,473.48
TOTAL FOR 0047 MCALLEN ISD			682,534.34	63,061.00	5,264.53	607.48	0.00	3,183.54	684,615.33
BY COUNTY 108			682,534.34	63,061.00	5,264.53	607.48	0.00	3,183.54	684,615.33
CURR FOR 0048 MISSION CISD			191,561.98	19,218.69	0.00	42.10	0.00	963.20	190,598.78
BY COUNTY 108			191,561.98	19,218.69	0.00	42.10	0.00	963.20	190,598.78
DELQ FOR 0048 MISSION CISD			1,115.78	116.78	402.07	43.90	0.00	8.03	1,509.82
BY COUNTY 108			1,115.78	116.78	402.07	43.90	0.00	8.03	1,509.82
TOTAL FOR 0048 MISSION CISD			192,677.76	19,335.47	402.07	86.00	0.00	971.23	192,108.60
BY COUNTY 108			192,677.76	19,335.47	402.07	86.00	0.00	971.23	192,108.60
CURR FOR 0049 LA JOYA ISD			106,093.15	14,797.53	0.00	0.00	0.00	739.94	105,353.21
BY COUNTY 108			106,093.15	14,797.53	0.00	0.00	0.00	739.94	105,353.21
DELQ FOR 0049 LA JOYA ISD			2,814.92-	807.93-	382.73-	31.73-	0.00	41.98-	3,155.67-
BY COUNTY 108			2,814.92-	807.93-	382.73-	31.73-	0.00	41.98-	3,155.67-
TOTAL FOR 0049 LA JOYA ISD			103,278.23	13,989.60	382.73-	31.73-	0.00	697.96	102,197.54
BY COUNTY 108			103,278.23	13,989.60	382.73-	31.73-	0.00	697.96	102,197.54
CURR FOR 0050 PROGRESO ISD			25,492.40	2,293.75	0.00	0.00	0.00	114.68	25,377.72
BY COUNTY 108			25,492.40	2,293.75	0.00	0.00	0.00	114.68	25,377.72
DELQ FOR 0050 PROGRESO ISD			0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL FOR 0050 PROGRESO ISD			25,492.40	2,293.75	0.00	0.00	0.00	114.68	25,377.72
BY COUNTY 108			25,492.40	2,293.75	0.00	0.00	0.00	114.68	25,377.72
CURR FOR 0051 SHARYLAND ISD			118,094.31	11,095.96	0.00	0.00	0.00	554.80	117,539.51
BY COUNTY 108			118,094.31	11,095.96	0.00	0.00	0.00	554.80	117,539.51
DELQ FOR 0051 SHARYLAND ISD			4,214.32	390.77	1,182.14	110.99	0.00	25.08	5,371.38
BY COUNTY 108			4,214.32	390.77	1,182.14	110.99	0.00	25.08	5,371.38
TOTAL FOR 0051 SHARYLAND ISD			122,308.63	11,486.73	1,182.14	110.99	0.00	579.88	122,910.89
BY COUNTY 108			122,308.63	11,486.73	1,182.14	110.99	0.00	579.88	122,910.89
CURR FOR 0052 VALLEY VIEW ISD			130,184.52	12,364.07	0.00	0.00	0.00	618.22	129,566.30
BY COUNTY 108			130,184.52	12,364.07	0.00	0.00	0.00	618.22	129,566.30
DELQ FOR 0052 VALLEY VIEW ISD			2,247.24	223.07	572.73	56.57	0.00	13.99	2,805.98
BY COUNTY 108			2,247.24	223.07	572.73	56.57	0.00	13.99	2,805.98
TOTAL FOR 0052 VALLEY VIEW ISD			132,431.76	12,587.14	572.73	56.57	0.00	632.21	132,372.28
BY COUNTY 108			132,431.76	12,587.14	572.73	56.57	0.00	632.21	132,372.28
CURR FOR 0053 WESLACO ISD			173,272.08	19,312.56	0.00	0.00	0.00	965.66	172,306.42
BY COUNTY 108			173,272.08	19,312.56	0.00	0.00	0.00	965.66	172,306.42
DELQ FOR 0053 WESLACO ISD			1,199.51	139.45	440.00	51.31	0.00	9.58	1,629.93
BY COUNTY 108			1,199.51	139.45	440.00	51.31	0.00	9.58	1,629.93
TOTAL FOR 0053 WESLACO ISD			174,471.59	19,452.01	440.00	51.31	0.00	975.24	173,936.35
BY COUNTY 108			174,471.59	19,452.01	440.00	51.31	0.00	975.24	173,936.35

SUBJECT: Disbursements for the Month of January 2023

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION:

The District's disbursements list all of the checks and other payments made during the reporting month. The check registers, wire transfers, and automated clearing house (ACH) transactions are available for inspection at the office of the Assistant Superintendent for Finance.

Monthly disbursement reports are prepared throughout the year by administration for information purposes only.

ADMINISTRATIVE CONSIDERATIONS:

The District's total disbursements for the Month of January totaled $15,236,321.54 as follows:

Disbursement Type	Amount
Accounts Payable Vendor Checks	$ 2,667,574.97
District Purchasing Cards	$ 521,909.47
ACH	$ 2,788,639.39
Wire Transfers	$ 242,425.87
Payroll	$ 9,015,771.84
TOTAL	**$ 15,236,321.54**

FUNDING SOURCE AND AMOUNT:

N/A

RECOMMENDATION:

Information item only; no recommendation is required.

CONTACT PERSON (S):

Joel Garcia, Assistant Superintendent for Finance
Dora Garcia, Director for Budget and Finance
Alyssa Gonzales, Accountant

SUBJECT: Quarterly Investment Report

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

In accordance with Board Policy CDA (LEGAL), all investments made by a district shall comply with the Public Funds Investment Act (Texas Government Code Chapter 2256, Subchapter A) and all federal, state, and local statutes, rules or regulations. *Gov't Code 2256.026*

Not less than quarterly, an investment officer shall prepare and submit to a board a written report of investment transactions for all funds covered by the Public Funds Investment Act for the preceding reporting period. This report shall be presented to a board and a superintendent, not less than quarterly, within a reasonable time after the end of the reporting period.

ADMINISTRATIVE CONSIDERATIONS

Mission CISD's investment portfolio totaled $119,942,396 at the end of the 4th quarter ending on December 31, 2022. Interest earned in the 4th quarter was $867,999.

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION

Information item only; no recommendation is required.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Dora Garcia, Director for Budget and Finance
Sylvia S Esquivel, Accountant



QUARTERLY INVESTMENT REPORT

Mission CISD

DECEMBER 31, 2022

MEEDER
PUBLIC FUNDS
PATTERSON GROUP

Preparing for Recovery

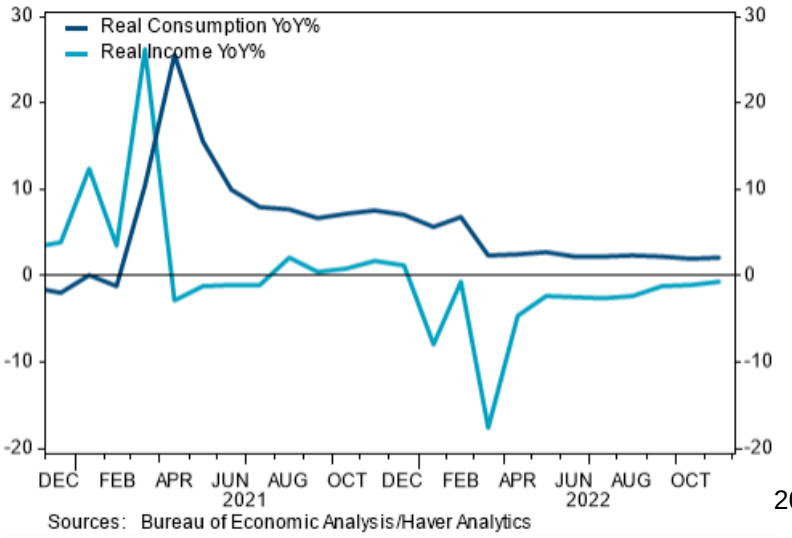
If 2022 was all about inflation, then 2023 may be all about recovering and preparing for recovery. With the monthly irregularities in data, and the uncertainty in the economic outlook and legislative policy, we are left with unanswered questions for the new year. Investors and consumers alike continue to wonder is the U.S. in recession? How deep and prolonged might a downturn be? Has inflation peaked, and if so, will price pressures continue to retreat from here?

For the consumer, high borrowing costs and prices, a surprisingly low level of labor participation and depleted savings should increasingly lower spending activity. And, as shoppers reduce or shift spending, businesses may continue a growing trend of investment, particularly in technology to replace high-cost labor and grow productivity; a missing component of activity for over a decade. Excessive post-Covid consumer demand led to inflated retail inventories which now weigh down on prices and business.

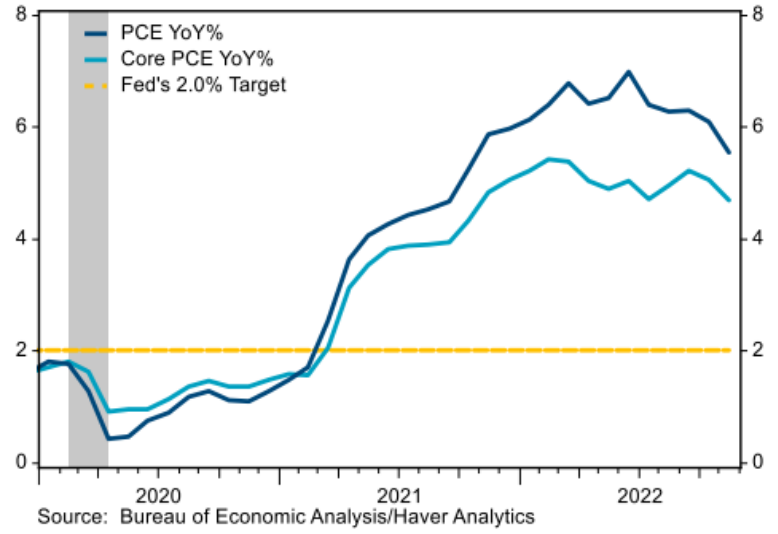
Consumer activity peaked in the 3rd quarter, but the lingering pain of inflation increasingly took its toll by year-end. The reality of a reduced wealth cushion, is causing a shift or reduction in spending habits. For some, this means curtailing purchases. For others, this means downgrading the quality or brand of their purchases. And for others –notably the younger generation – this has resulted in binge spending (where consumers pull back as much as possible one month to purchase more expensive items the next). Regardless of the form, it is increasingly evident that consumers are dramatically shifting the goods and services in their basket - a reflection of growing unease for household financials.

As the consumer modifies her spending, the Fed has also modified the plan for fighting inflation. With inflation pressures easing the Fed has reduced its march to higher rates with its limited 0.50% increase in overnight rates in December.

Is the consumer worn out?



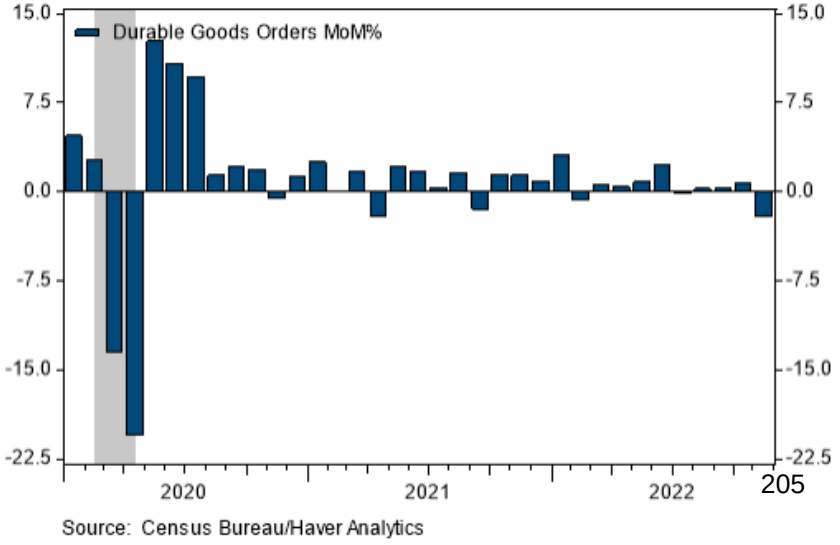
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A Painful Progress

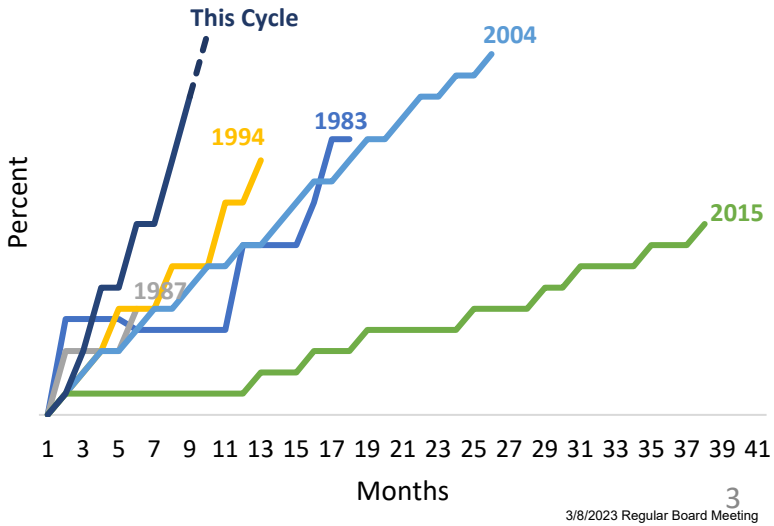
MEEDER
PUBLIC FUNDS | PATTERSON GROUP

Big item orders drop

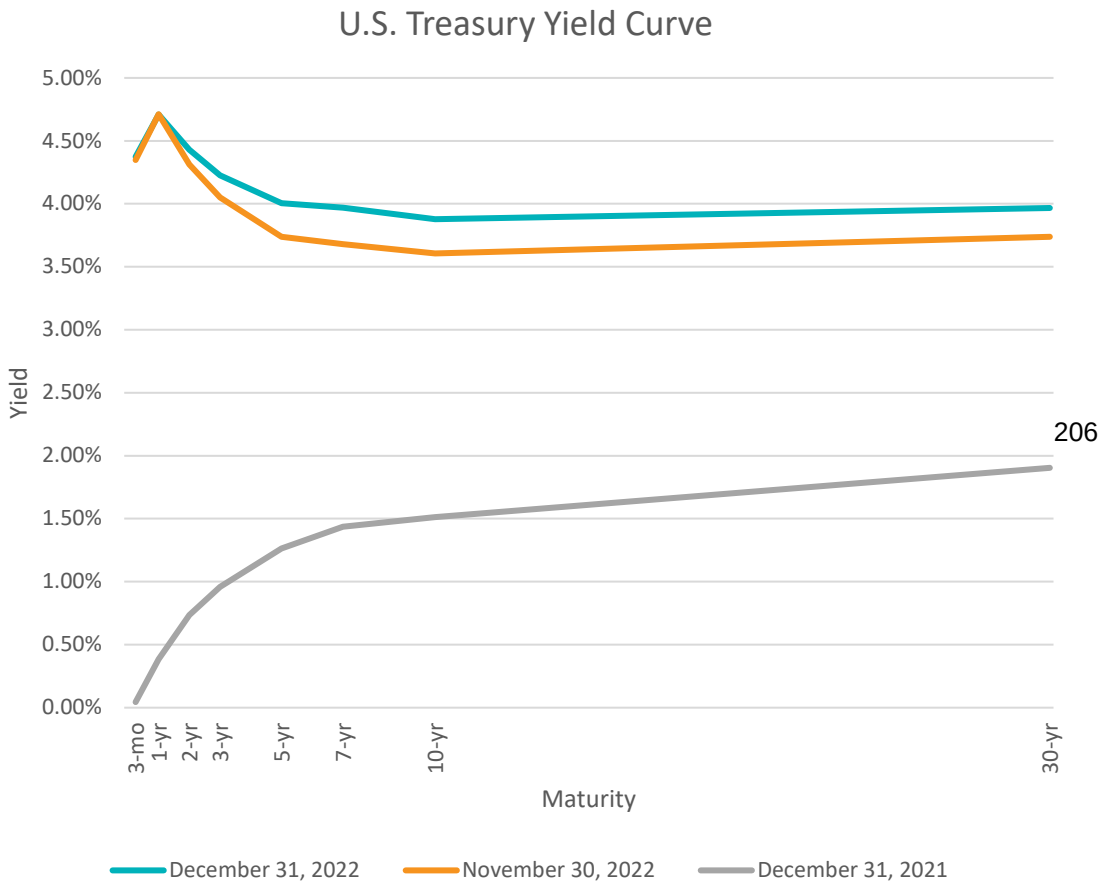


Source: Census Bureau/Haver Analytics

Fastest Rate Hiking Cycle



Expectations Drive Rates



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SOURCE: BLOOMBERG

Mission Consolidated Independent School District

Quarterly Investment Report
October – December 2022
Portfolio Summary Management Report

This quarterly report is prepared in compliance with the Investment Policy and Strategy of the District and the Public Funds Investment Act (Chapter 2256, Texas Government Code).

Portfolio as of September 30, 2022		***Portfolio as of December 31, 2022***	
Beginning Book Value	$ 100,327,191	Ending Book Value	$ 119,942,396
Beginning Market Value	$ 100,327,191	Ending Market Value	$ 119,942,396
		Investment Income for the period	$ 867,999
Unrealized Gain/Loss	$ 0	Unrealized Gain/Loss	$ 0
		Change in Unrealized Gain/Loss	**$ 0**
WAM at Beginning Period Date[1]	1 day	WAM at Ending Period Date[1]	1 day
		Change in Market Value[2]	$ 19,615,205

Average Yield to Maturity for period **3.093%**
Average Yield 3 month Treasury Bill for period **4.170%**

Dora Garcia
Dora Garcia (Feb 22, 2023 14:14 CST)

Dora Garcia, Director for Finance
Mission CISD

Joel Garcia (Feb 22, 2023 14:57 CST)

Joel Garcia, Assistant Superintendent for Finance
Mission CISD

Lorena Garcia (Feb 22, 2023 15:37 CST)

Lorena Garcia, Deputy Superintendent for Support Services
Mission CISD

Sylvia Esquivel
Sylvia Esquivel (Feb 22, 2023 14:04 CST)

Sylvia Esquivel, Accountant
Mission CISD

Linda Patterson, President
Patterson & Associates

1 **WAM**, represents weighted average maturity.

2 ***Change in Market Value***" is required data, but will primarily reflect the receipt and expenditure of the District's funds from quarter to quarter.

Your Portfolio

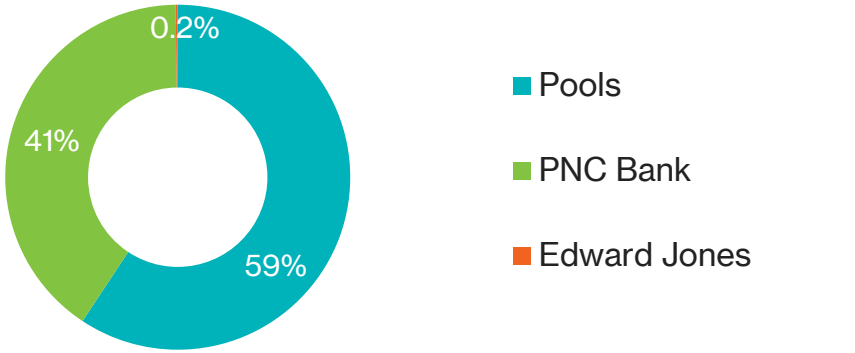
As of December 31, 2022

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

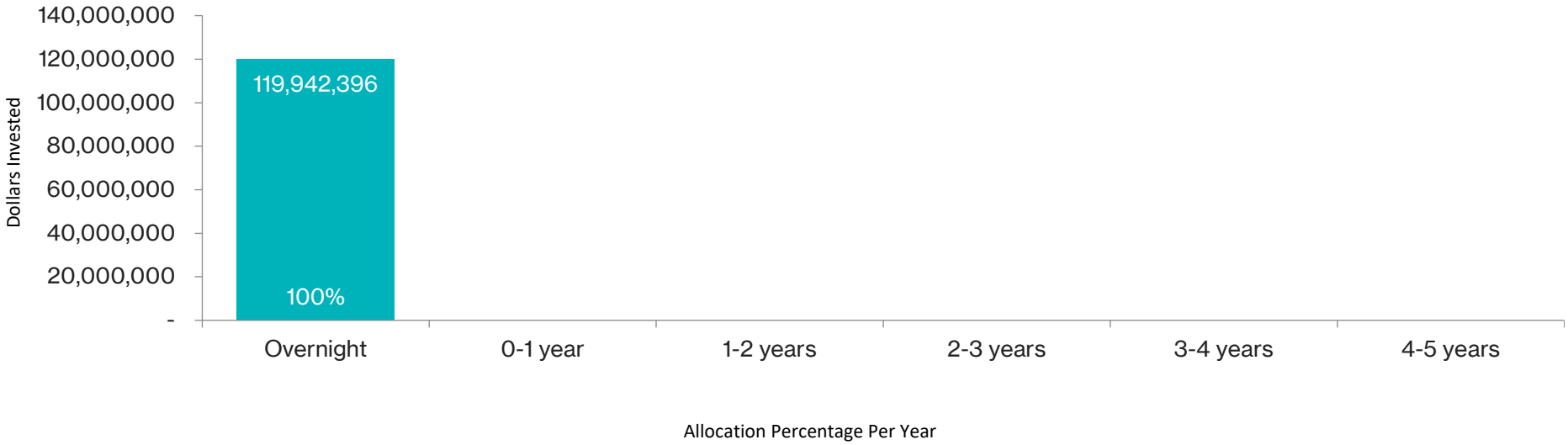
Your Portfolio Statistics

Weighted Average Maturity	1 day
Weighted Average Yield (All Funds)	3.46%

Your Asset Allocation



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PUBLIC FUNDS | PATTERSON GROUP

Mission Consolidated ISD
Portfolio Management
Portfolio Summary
December 31, 2022

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 365 Equiv.
Edward Jones	228,760.45	228,760.45	228,760.45	0.19	1	1	0.000
TexStar	10,604,652.66	10,604,652.66	10,604,652.66	8.84	1	1	3.968
Lone Star	26,253,404.00	26,253,404.00	26,253,404.00	21.89	1	1	4.330
Texas Class	27,957,812.31	27,957,812.31	27,957,812.31	23.31	1	1	4.317
Texas Range	6,317,630.46	6,317,630.46	6,317,630.46	5.27	1	1	4.130
PNC Bank	48,580,135.82	48,580,135.82	48,580,135.82	40.50	1	1	2.308
Investments	**119,942,395.70**	**119,942,395.70**	**119,942,395.70**	**100.00%**	**1**	**1**	**3.457**

Total Earnings	December 31 Month Ending	Fiscal Year To Date
Current Year	333,921.96	1,333,883.02

The following reports are submitted in accordance with the Public Funds Investment Act (Texas Gov't Code 2256). The reports also offer supplemental information not required by the Act in order to fully inform the governing body of Mission Consolidated ISD of the position and activity within the Distict's portfolio of investments. The reports include a management summary overview, a detailed inventory report for the end of the period, as well as graphic representations of the portfolio to provide full disclosure to the governing body.

Dora Garcia
Dora Garcia (Feb 22, 2023 14:14 CST)

Dora Garcia, Director for Budget & Finance

MEEDER
PUBLIC FUNDS | PATTERSON GROUP

Mission Consolidated ISD
Summary by Type
December 31, 2022
Grouped by Fund

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

Security Type	Number of Investments	Par Value	Book Value	% of Portfolio	Average YTM 365	Average Days to Maturity
Fund: Debt Service						
PNC Bank	1	1,887,152.86	1,887,152.86	1.57	2.040	1
Texas Class	1	2,908,608.81	2,908,608.81	2.43	4.317	1
Subtotal	**2**	**4,795,761.67**	**4,795,761.67**	**4.00**	**3.421**	**1**
Fund: Local Maintenance						
Lone Star	1	26,253,404.00	26,253,404.00	21.89	4.330	1
PNC Bank	1	43,407,575.15	43,407,575.15	36.19	2.330	1
Texas Class	1	25,049,203.50	25,049,203.50	20.88	4.317	1
Texas Range	1	6,317,630.46	6,317,630.46	5.27	4.130	1
TexStar	1	10,604,652.66	10,604,652.66	8.84	3.968	1
Subtotal	**5**	**111,632,465.77**	**111,632,465.77**	**93.07**	**3.504**	**1**
Fund: Non-Expendable Trust						
Edward Jones	4	228,760.45	228,760.45	0.19	0.000	1
Subtotal	**4**	**228,760.45**	**228,760.45**	**0.19**	**0.000**	**1**
Fund: Payroll						
PNC Bank	1	3,285,407.81	3,285,407.81	2.74	2.170	1
Subtotal	**1**	**3,285,407.81**	**3,285,407.81**	**2.74**	**2.170**	**1**
Total and Average	**12**	**119,942,395.70**	**119,942,395.70**	**100.00**	**3.457**	**1**

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MEEDER
PUBLIC FUNDS | PATTERSON GROUP

Mission Consolidated ISD
Fund DS - Debt Service
Investments by Fund
December 31, 2022

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
-

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texas Class										
61-0001	10007	Texas Class	12/01/2021	2,908,608.81	2,908,608.81	2,908,608.81	4.317	4.257	4.317	1
		Subtotal and Average		**2,908,608.81**	**2,908,608.81**	**2,908,608.81**		**4.258**	**4.317**	**1**
PNC Bank										
2598	10009	PNC Bank	12/01/2021	1,887,152.86	1,887,152.86	1,887,152.86	2.040	2.012	2.040	1
		Subtotal and Average		**1,887,152.86**	**1,887,152.86**	**1,887,152.86**		**2.012**	**2.040**	**1**
		Total Investments and Average		**4,795,761.67**	**4,795,761.67**	**4,795,761.67**		**3.374**	**3.421**	**1**

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Fund LM - Local Maintenance
Investments by Fund
December 31, 2022

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
TexStar										
38590	10005	TexStar	12/01/2021	10,604,652.66	10,604,652.66	10,604,652.66	3.968	3.913	3.968	1
		Subtotal and Average		**10,604,652.66**	**10,604,652.66**	**10,604,652.66**		**3.914**	**3.968**	**1**
Lone Star										
108908	10004	Lone Star Corp ON	12/01/2021	26,253,404.00	26,253,404.00	26,253,404.00	4.330	4.270	4.330	1
		Subtotal and Average		**26,253,404.00**	**26,253,404.00**	**26,253,404.00**		**4.271**	**4.330**	**1**
Texas Class										
61-0002	10008	Texas Class	12/01/2021	25,049,203.50	25,049,203.50	25,049,203.50	4.317	4.257	4.317	1
		Subtotal and Average		**25,049,203.50**	**25,049,203.50**	**25,049,203.50**		**4.258**	**4.317**	**1**
Texas Range										
1200-03	10006	Texas Range TexasDAILY	12/01/2021	6,317,630.46	6,317,630.46	6,317,630.46	4.130	4.073	4.130	1
		Subtotal and Average		**6,317,630.46**	**6,317,630.46**	**6,317,630.46**		**4.073**	**4.130**	**1**
PNC Bank										
3806	10011	PNC Bank	12/01/2021	43,407,575.15	43,407,575.15	43,407,575.15	2.330	2.298	2.330	1
		Subtotal and Average		**43,407,575.15**	**43,407,575.15**	**43,407,575.15**		**2.298**	**2.330**	**1**
		Total Investments and Average		**111,632,465.77**	**111,632,465.77**	**111,632,465.77**		**3.456**	**3.504**	**1**

Portfolio MCSD
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Fund NONEXT - Non-Expendable Trust
Investments by Fund
December 31, 2022

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Edward Jones										
XXX-24747-1-6	10000	American Balanced A	07/01/2022	63,487.10	63,487.10	63,487.10				1
XXX-24747-1-6A	10001	American Cap Inc Builder A	07/01/2022	59,894.48	59,894.48	59,894.48				1
XXX-24747-1-6B	10002	American Growth Fd of Amer A	07/01/2022	44,302.51	44,302.51	44,302.51				1
XXX-24747-1-6C	10003	American Inc Fd of Amer A	07/01/2022	61,076.36	61,076.36	61,076.36				1
		Subtotal and Average		**228,760.45**	**228,760.45**	**228,760.45**		**0.000**	**0.000**	**1**
		Total Investments and Average		**228,760.45**	**228,760.45**	**228,760.45**		**0.000**	**0.000**	**1**

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Fund PAY - Payroll
Investments by Fund
December 31, 2022

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
PNC Bank										
2571	10010	PNC Bank	12/01/2021	3,285,407.81	3,285,407.81	3,285,407.81	2.170	2.140	2.170	1
			Subtotal and Average	**3,285,407.81**	**3,285,407.81**	**3,285,407.81**		**2.140**	**2.170**	**1**
			Total Investments and Average	**3,285,407.81**	**3,285,407.81**	**3,285,407.81**		**2.140**	**2.170**	**1**

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PUBLIC FUNDS | PATTERSON GROUP

Mission Consolidated ISD
Interest Earnings
Sorted by Fund - Fund
October 1, 2022 - December 31, 2022
Period Yield on Average Book Value

Patterson & Associates
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Suite 195
Austin, TX 78746
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CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Average Book Value	Maturity Date	Current Rate	Yield This Period	Adjusted Interest Earnings: Interest Earned	Adjusted Interest Earnings: Amortization/ Accretion	Adjusted Interest Earnings: Adjusted Interest Earnings
Fund: Debt Service												
61-0001	10007	DS	RR3	2,908,608.81	3,240,675.98	2,995,201.22		4.317	3.785	28,575.57	0.00	28,575.57
2598	10009	DS	RR5	1,887,152.86	49,332.44	364,757.70		2.040	1.927	1,771.43	0.00	1,771.43
			Subtotal	**4,795,761.67**	**3,290,008.42**	**3,359,958.92**			**0.903**	**30,347.00**	**0.00**	**30,347.00**
Fund: Local Maintenance												
38590	10005	LM	RRP	10,604,652.66	10,512,736.86	10,541,398.40		3.968	3.459	91,915.80	0.00	91,915.80
61-0002	10008	LM	RR3	25,049,203.50	24,810,481.50	24,885,839.09		4.317	3.806	238,722.00	0.00	238,722.00
1200-03	10006	LM	RR4	6,317,630.46	6,260,524.42	6,278,451.08		4.130	3.609	57,106.04	0.00	57,106.04
108908	10004	LM	RR2	26,253,404.00	26,000,614.19	26,080,588.90		4.330	3.845	252,789.81	0.00	252,789.81
3806	10011	LM	RR5	43,407,575.15	26,154,725.74	35,393,482.03		2.330	2.055	183,362.89	0.00	183,362.89
			Subtotal	**111,632,465.77**	**93,739,082.71**	**103,179,759.50**			**0.799**	**823,896.54**	**0.00**	**823,896.54**
Fund: Non-Expendable Trust												
XXX-24747-1-6	10000	NONEXT	LA1	63,487.10	58,770.56	58,943.67				0.00	0.00	0.00
XXX-24747-1-6A	10001	NONEXT	LA1	59,894.48	53,816.94	54,049.93				0.00	0.00	0.00
XXX-24747-1-6B	10002	NONEXT	LA1	44,302.51	43,151.34	43,382.79				0.00	0.00	0.00
XXX-24747-1-6C	10003	NONEXT	LA1	61,076.36	55,392.99	56,003.20				0.00	0.00	0.00
			Subtotal	**228,760.45**	**211,131.83**	**212,379.60**				**0.00**	**0.00**	**0.00**
Fund: Payroll												
2571	10010	PAY	RR5	3,285,407.81	3,086,967.92	8,865,878.64		2.170	0.616	13,755.09	0.00	13,755.09
			Subtotal	**3,285,407.81**	**3,086,967.92**	**8,865,878.64**			**0.155**	**13,755.09**	**0.00**	**13,755.09**
			Total	**119,942,395.70**	**100,327,190.88**	**115,617,976.66**			**0.751**	**867,998.63**	**0.00**	**867,998.63**

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PUBLIC FUNDS | PATTERSON GROUP

Mission Consolidated ISD
Texas Compliance Change in Val Report
Sorted by Fund
October 1, 2022 - December 31, 2022

Patterson & Associates
901 S. MoPac
Suite 195
Austin, TX 78746
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Inv # / Cusip	Issuer / Par Value	Fund / YTM	Purch Date / Mat Date	Interest Accrual / Interest Received	Beginning Book Value / Beginning Market Value	Purchases/ Additions	Redemptions	Change in Value	Ending Book Value / Ending Market Value
Fund: Debt Service									
10007	TXCLSS	DS	12/01/2021	28,575.57	3,240,675.98	28,575.57	360,642.74	-332,067.17	2,908,608.81
61-0001	2,908,608.81	4.317	/ /	28,575.57	3,240,675.98	28,575.57	360,642.74	-332,067.17	2,908,608.81
10009	PNC	DS	12/01/2021	1,771.43	49,332.44	1,837,820.42	0.00	1,837,820.42	1,887,152.86
2598	1,887,152.86	2.040	/ /	1,771.43	49,332.44	1,837,820.42	0.00	1,837,820.42	1,887,152.86
	Sub Totals For: Fund: Debt Service			30,347.00	3,290,008.42	1,866,395.99	360,642.74	1,505,753.25	4,795,761.67
				30,347.00	3,290,008.42	1,866,395.99	360,642.74	1,505,753.25	4,795,761.67
Fund: Local Maintenance									
10004	LSCO	LM	12/01/2021	252,789.81	26,000,614.19	252,789.81	0.00	252,789.81	26,253,404.00
108908	26,253,404.00	4.330	/ /	252,789.81	26,000,614.19	252,789.81	0.00	252,789.81	26,253,404.00
10005	TXSTAR	LM	12/01/2021	91,915.80	10,512,736.86	91,915.80	0.00	91,915.80	10,604,652.66
38590	10,604,652.66	3.968	/ /	91,915.80	10,512,736.86	91,915.80	0.00	91,915.80	10,604,652.66
10006	TXRNG	LM	12/01/2021	57,106.04	6,260,524.42	57,106.04	0.00	57,106.04	6,317,630.46
1200-03	6,317,630.46	4.130	/ /	57,106.04	6,260,524.42	57,106.04	0.00	57,106.04	6,317,630.46
10008	TXCLSS	LM	12/01/2021	238,722.00	24,810,481.50	238,722.00	0.00	238,722.00	25,049,203.50
61-0002	25,049,203.50	4.317	/ /	238,722.00	24,810,481.50	238,722.00	0.00	238,722.00	25,049,203.50
10011	PNC	LM	12/01/2021	183,362.89	26,154,725.74	76,726,940.81	59,474,091.40	17,252,849.41	43,407,575.15
3806	43,407,575.15	2.330	/ /	183,362.89	26,154,725.74	76,726,940.81	59,474,091.40	17,252,849.41	43,407,575.15
	Sub Totals For: Fund: Local Maintenance			823,896.54	93,739,082.71	77,367,474.46	59,474,091.40	17,893,383.06	111,632,465.77
				823,896.54	93,739,082.71	77,367,474.46	59,474,091.40	17,893,383.06	111,632,465.77
Fund: Non-Expendable Trust									
10000	AMBALA	NONEXT	07/01/2022	0.00	58,770.56	4,716.54	0.00	4,716.54	63,487.10
XXX-24747-1-6	63,487.10	0.000	/ /	0.00	58,770.56	4,716.54	0.00	4,716.54	63,487.10

Inv # / Cusip	Issuer / Par Value	Fund / YTM	Purch Date / Mat Date	Interest Accrual / Interest Received	Beginning Book Value / Beginning Market Value	Purchases/ Additions	Redemptions	Change in Value	Ending Book Value / Ending Market Value
10001	AMCIBA	NONEXT	07/01/2022	0.00	53,816.94	6,077.54	0.00	6,077.54	59,894.48
XXX-24747-1-6A	59,894.48	0.000	/ /	0.00	53,816.94	6,077.54	0.00	6,077.54	59,894.48
10002	AMGFAA	NONEXT	07/01/2022	0.00	43,151.34	1,726.48	575.31	1,151.17	44,302.51
XXX-24747-1-6B	44,302.51	0.000	/ /	0.00	43,151.34	1,726.48	575.31	1,151.17	44,302.51
10003	AMIFAA	NONEXT	07/01/2022	0.00	55,392.99	5,683.37	0.00	5,683.37	61,076.36
XXX-24747-1-6C	61,076.36	0.000	/ /	0.00	55,392.99	5,683.37	0.00	5,683.37	61,076.36
	Sub Totals For: Fund: Non-Expendable Trust			0.00	211,131.83	18,203.93	575.31	17,628.62	228,760.45
				0.00	211,131.83	18,203.93	575.31	17,628.62	228,760.45
Fund: Payroll									
10010	PNC	PAY	12/01/2021	13,755.09	3,086,967.92	39,831,680.58	39,633,240.69	198,439.89	3,285,407.81
2571	3,285,407.81	2.170	/ /	13,755.09	3,086,967.92	39,831,680.58	39,633,240.69	198,439.89	3,285,407.81
	Sub Totals For: Fund: Payroll			13,755.09	3,086,967.92	39,831,680.58	39,633,240.69	198,439.89	3,285,407.81
				13,755.09	3,086,967.92	39,831,680.58	39,633,240.69	198,439.89	3,285,407.81
	Report Grand Totals:			867,998.63	100,327,190.88	119,083,754.96	99,468,550.14	19,615,204.82	119,942,395.70
				867,998.63	100,327,190.88	119,083,754.96	99,468,550.14	19,615,204.82	119,942,395.70

Disclosures

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Meeder Public Funds
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