Regular Meeting

Thursday, September 28, 2023 6:00 PM
The Dalles Middle School - Commons, 1100 East 12th Street, 1100 East 12th Street, The Dalles, Oregon 97058

1.	**Call Meeting to Order and Pledge of Allegiance**	**Presenter:** David Jones, Chair
2.	**Review / Revision of the Agenda**	
3.	**District Mission / Vision / Values**	
4.	**Student / Staff Recognition**	
4.a.	**Oregon State Lottery - Teacher of the Year Award**	
4.b.	**High Five Friday - Staff Recognition**	**Presenter:** Stephanie Bowen, Director of Communications
5.	**Student Representatives to the Board - Report:**	**Presenter:** Kaleb Blaylock & Yamari Santillan-Guzman
6.	**Student Representative Reports**	
7.	**Consent Agenda**	
7.a.	School Board Meeting Minutes from:	
7.b.	Personnel Report	
8.	**Board Action Calendar - Review:**	
9.	**Appoint a School Board Member to the District Equity Committee**	
10.	**School Board Sub Committee Reports**	
11.	**Staff Reports:**	
12.	**New Business:**	
12.a.	**Presentations / Reports:**	
12.a.1.	**Superintendent's Report**	**Presenter:** Dr. Carolyn Bernal, Superintendent
12.a.1.a.	**Transportation Report**	**Presenter:** Lisa Kaseberg, District Transportation Director
12.a.1.b.	**SB 819 Presentation**	**Presenter:** Amy Hampton, Director of Students Services
12.a.2.	**Chief Financial Officer's Report**	**Presenter:** Kara Flath, CFO
12.a.2.a.	**Financial Statements:**	

12.a.2.b.	**Student Enrollment:**	
12.a.3.	**Board Attorney's Report**	**Presenter:** Jason Corey, Board Attorney
13.	**Discussion / Action Items:**	
13.a.	**Action Item**: ***Approval of Engineering & Architectural Services Firm***	**Presenter:** Kara Flath, CFO
13.b.	**Action item**: ***OSBA Board of Directors & OSBA Legislative Policy Committee Position Nominations***	
13.c.	**Possible Action Item:** ***Surplus equipment (TDHS)***	
13.d.	**Action Item**: ***Loan for additional School Bus***	**Presenter:** Kara Flath, CFO
14.	**1st Reading on School Board Policies (*informational only*):**	
14.a.	**Policy GCBDF / GDBDF**: ***Paid Family Medical Leave Insurance (NEW POLICY)***	
15.	**Informational Only:**	
15.a.	**Policy IGD - AR:** ***Co-Curricular Participation***	
16.	**Comments from the Audience about Non Agenda Items**	
17.	**Adjourn the Regular School Board Meeting**	

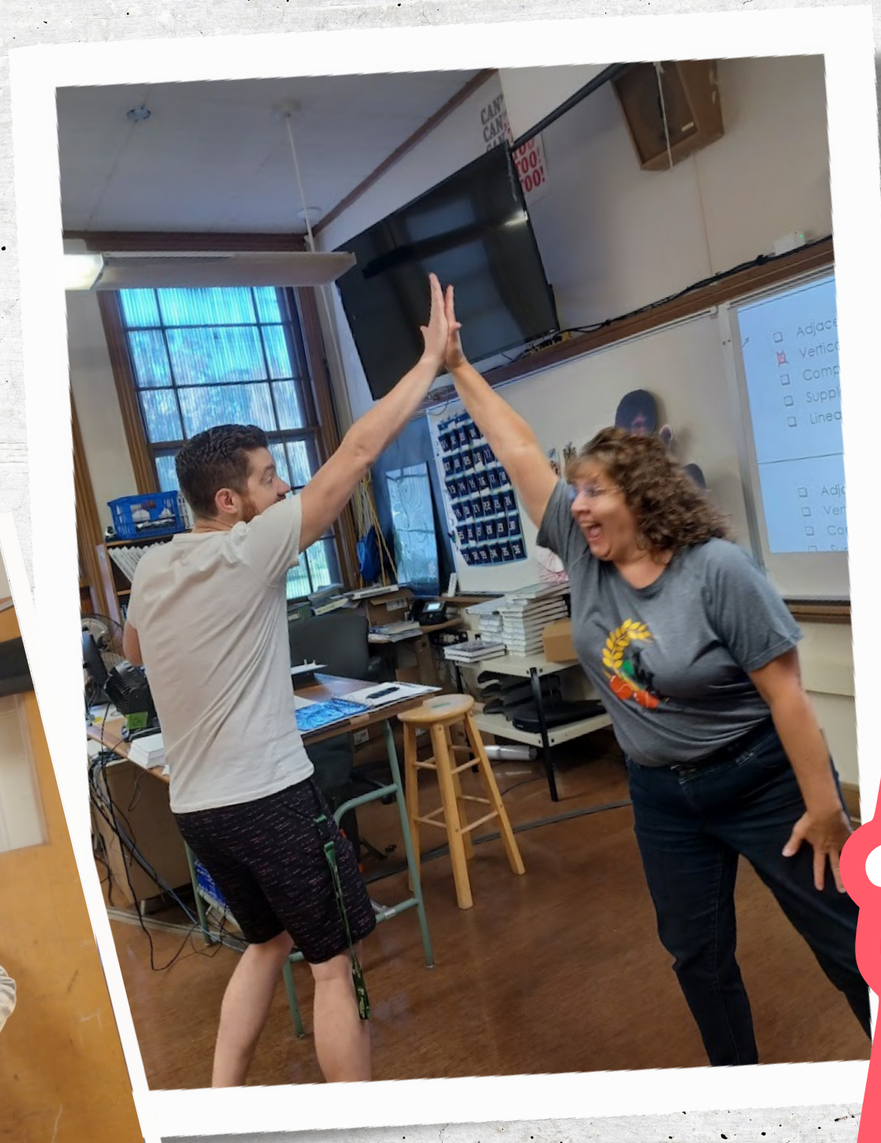
Congratulations!

DRY HOLLOW ELEMENTARY'S

Wesley Mitchell

OREGON'S TEACHER of the YEAR

Columbia Gorge Region



TOHS

DAN MYERS & SHUDHI DATTA

HIGH FIVE

North Wasco County School District

Human Resource Office ● Sandra Harris - Director
3632 West 10th Street ● The Dalles, Oregon 97058 ● (541) 506-3420

PERSONNEL CHANGES AND VACANCIES
School Board Meeting – September 28, 2023
Current as of -September 20, 2023

Reference ORS 332.505 (2b) *A District Board may employ personnel, including teachers and administrators, necessary to carry out the duties and powers of the board and fix the duties, terms and conditions of employment and the compensation.*

Licensed Staff – New Hires

NAME	POSITION	BUILDING	COMMENTS
Erika Doring	Secondary Electives Teacher (Temporary 23'-24')	Innovations Academy	Begins August 21, 2023
Kelly Siewell	Counselor (Temporary through 11/27/2023)	TDMS	Begins August 29, 2023

Licensed Staff – Internal Transfer and or Hires

NAME	CURRENT BUILDING AND ASSIGNMENT	NEW BUILDING AND ASSIGNMENT

Licensed Staff – Resignation/Retirements/Separation of Employment

NAME	POSITION	BUILDING	COMMENTS
Jon Colasuonno	PE Teacher	TDMS	Resigning August 24, 2023

Licensed Staff– Request for Leave of Absence

NAME	POSITION	BUILDING	COMMENTS
N/A			

Administrative Staff – New Hires

NAME	POSITION	BUILDING	COMMENTS
N/A			

Administrative Staff – Internal Transfer and or Hires

NAME	CURRENT BUILDING AND ASSIGNMENT	NEW BUILDING AND ASSIGNMENT
N/A		

Administrative Staff – Resignation/Retirements/Separation of Employment

NAME	POSITION	BUILDING	COMMENTS
N/A			

Please Note: The following information regarding ESP employment is presented to the Board for purposes of (Information Only) and requires no action.

ESP Staff – New Hires – No Action Required

NAME	POSITION	BUILDING	COMMENTS
Maria Hernndez	Nutrition Services I-PT	Nutrition Services	Begins August 24, 2023
Jamie Anable	Ed Asst I-Lunch and Recess	TDMS	Begins September 5, 2023
Jennifer Ganders	Ed Asst II-Instructional	CWE	Begins September 6, 2023
Tania Ortiz Marinez	Executive Assistant	Nutrition Services	Begins September 18, 2023
Rachel Jennings	Ed Asst IV-SLC	CES	Begins September 21, 2023
Armida Quiroz	Ed Asst IV-SLC	CES	TBD
Jacob Bartholomew	Ed Asst II-Instructional	CWE	Begins September 20, 2023

ESP Staff –Transfers and Internal Hires – No Action Required

NAME	CURRENT BUILDING AND ASSIGNMENT	NEW BUILDING AND ASSIGNMENT
Armando Perez	DHE/Ed Asst IV-Media PT	DHE/Ed Asst II-Instructional
Dawn Steele	CES/Ed Asst II	CES/Ed Asst IV-Media PT & After School Coordinator

ESP Staff – Request for Leave of Absence – No Action Required

NAME	POSITION	BUILDING	COMMENTS
N/A			

ESP Staff – Resignation/Retirements/Separation of Employment – No Action Required

NAME	POSITION	BUILDING	COMMENTS
Jeff Benson	Bus Driver	Transportation	Resigning August 20, 2023
Rosa Valencia Mondragon	Ed Asst IV-SLC	CES	Resigning September 19, 2023
Elizabeth Diaz	After School Program Coordinator	District Wide	Separation of Employment June 9, 2023

Confidential Staff – New Hires – No Action Required

NAME	POSITION	BUILDING	COMMENTS
N/A			

Confidential Staff – Resignation/Retirements/Separation of Employment – No Action Required

NAME	POSITION	BUILDING	COMMENTS
N/A			

Coaching Staff – New Hires – No Action Required

NAME	POSITION	BUILDING	COMMENTS
Ben Larsen	Head 7th Grade Football	TDMS	Begins August 28, 2023
Lynn Helyer	Head 8th Grade Football	TDMS	Begins August 28, 2023
Tyler Smith	Asst 7th Grade Football	TDMS	Begins August 30, 2023
Miranda Schell	Asst Volleyball Coach	TDMS	Begins August 30, 2023
Anna Gatton	Asst Volleyball Coach	TDMS	Begins August 30, 2023

Coaching Staff – Resignations/Separation of Employment – No Action Required

NAME	POSITION	BUILDING	COMMENTS
Julia Summers	Head Volleyball Coach	TDHS	Resigning August 22, 2023
Barry Abrams	Assistant Wrestling Coach	TDHS	Resigning September 7, 2023
Jacob Abrams	Head Wrestling Coach	TDHS	Resigning September 7, 2023

Advertised Vacancies

Position	HRS/FTE	Building	Close Date	Comments
Physical Therapist	8 Hrs	District Wide	Open Until Filled	Advertised
Substitute Teachers All Grade Levels	TBD	District Wide	Open Until Filled	Advertised
Classified Substitutes -Multiple Positions	TBD	District Wide	Open Until Filled	Advertised
Instructional Coach	8 Hrs	District Wide	Open Until Filled	Advertised
Safe Routes to School Program Coordinator	8 Hrs	District Wide	9/28/2023	Advertised
Educational Assistant IV-Media PT	3.75 Hrs	DHE	Open Until Filled	Advertised

After School Program Coordinator (S)	8 Hrs	Elementary Schools	Open Until Filled	Advertised
Juvenile Detention Teacher-NORCOR (Temp 23-24 SY)	8 Hrs	NORCOR	Open Until Filled	Advertised
Lead-Nutrition Services II	8 Hrs	Nutrition Services	Open Until Filled	Advertised
Asst Cheer Coach 23'-24' SY	Seasonal	TDHS	Open Until Filled	Advertised
Head Boys Wrestling Coach	Seasonal	TDHS	Open Until Filled	Advertised
Assistant Wrestling Coach	Seasonal	TDHS	Open Until Filled	Advertised
ELL Instructional Assistant	7.5 Hrs	TDHS	Open Until Filled	Advertised
Ed Asst IV-Resource Room	7.5 Hrs	TDHS	Open Until Filled	Advertised
Asst Boys Basketball Coach (7th and 8th Gr)	Seasonal	TDMS	Open Until Filled	Advertised
Substitute Bus Driver (Pool)	Substitute	Transportation	Open Until Filled	Advertised
Special Ed Bus Aide-Substitute	Substitute	Transportation	Open Until Filled	Advertised

NORTH WASCO COUNTY SCHOOL DISTRICT #21

Transportation Department

Transportation Department - The Dalles:

THE DALLES SCHOOL BUSES - 21

THE DALLES DISTRICT VANS – 2

THE DALLES SCHOOL BUS DRIVERS – 24 ON STAFF

THE DALLES SPECIAL NEEDS AIDES – 4 ON STAFF

MECHANICS – 2 ON STAFF

Transportation Department - The Dalles:

18 - buses currently being used for daily home to school routes

3 - buses special needs routes

1 - trip bus

3 - spare buses

Transportation Department - The Dalles:

2022-2023 SCHOOL YEAR:

*HOME TO SCHOOL MILES – 130,050 MILES

* FIELD TRIP MILES – 152 TRIPS – 12,659 MILES

*ATHLETIC TRIP MILES – TDMS & TDHS - 284 TRIPS - 43,821 MILES

*BILLED MILES TO NEIGHBORING DISTRICTS – 8,093 MILES

Transportation Department - Sherman County:

SHERMAN COUNTY SCHOOL BUSES - 6

SHERMAN COUNTY - 1-TYPE 20 BUS 14 PASSENGER

SHERMAN COUNTY SCHOOL BUS DRIVERS – 6 ON STAFF

MECHANIC S - 2 ON STAFF

Transportation Department - Sherman County:

5 - buses currently being used for daily home to school routes

1 - trip bus

1- spare buses

Transportation Department - Sherman County:

2022-2023 SCHOOL YEAR:

*HOME TO SCHOOL MILES – 88,169

* FIELD TRIP MILES –30 TRIPS – 13,677

* ATHLETIC TRIP MILES – 183 TRIPS - 21,938

SCHOOL DISTRICT 21

THE DALLES LOCATION TRANSPORTATION STAFF:

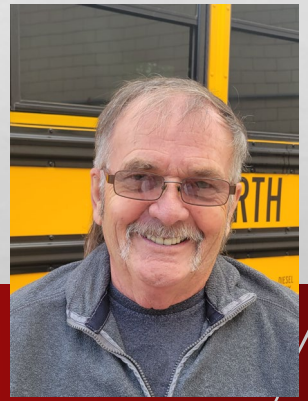
SHERMAN COUNTY TRANSPORTATION STAFF:









Your transportation staff at a glance

1 – TRANSPORTATION ADMINISTRATOR

27 – LICENSED BUS DRIVERS

4 – SPECIAL NEEDS AIDES

1 – OFFICE ASSISTANT/DISPATCHER

2 - LICENSED DISTRICT MECHANIC

1 – SECRETARY

FUN FACT:

1 - OF OUR DRIVERS HAS BEEN EMPLOYED WITH NWCSD FOR 35 YRS!! WOW!!

4 - OF OUR DRIVERS HAVE BEEN EMPLOYED WITH NWCSD FOR 22-28 YRS

4 - OF OUR STAFF HAVE BEEN EMPLOYED WITH NWCSD FOR 10 -17 YRS

8 - OF OUR STAFF HAVE BEEN EMPLOYED WITH NWCSD FOR 5-9 YRS

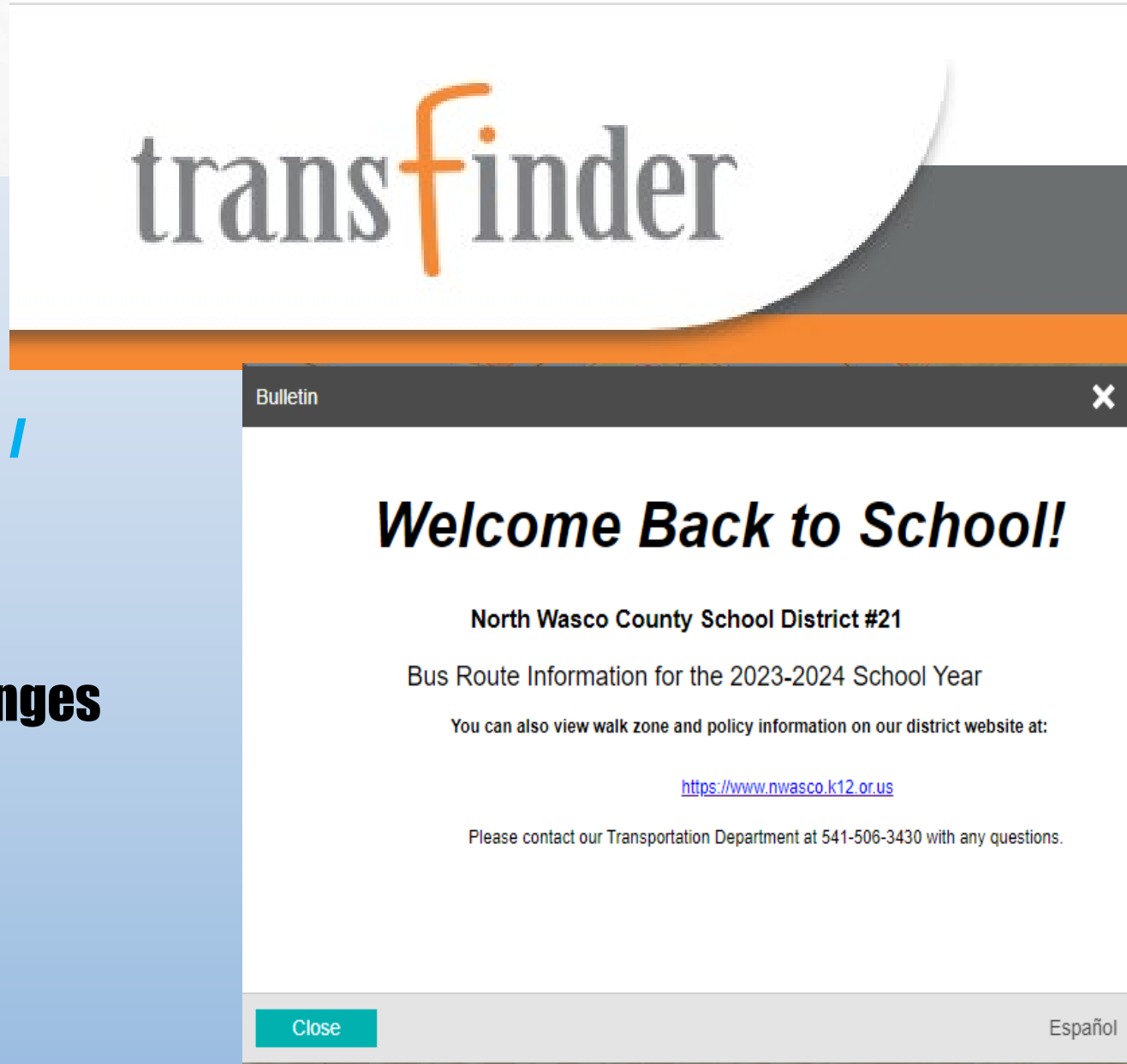
17 – OF OUR STAFF HAVE BEEN EMPLOYED WITH NWCSD FOR 1-4 YRS

Every staff member regardless of tenure with our district is appreciated!
We are a team!

NWCSD TRANSPORTATION ROUTING:

Benefits of using a routing system:

- Custom reports & route narratives
  - Parent & Community Portal – *Infofinder I*
  - Secretary & Admin Portal – *Viewfinder*
- Increased efficiency
  - Route consolidation & Bell schedule changes
- Student tracking
  - Daily contact tracing & Seating Charts



transfinder

infofinder *i*

THE ENHANCED INFOFINDER *i* IS YOUR TRANSPORTATION DEPARTMENT'S LINK TO THE COMMUNITY.

INFOFINDER *i* IS A WEB-BASED SERVICE FROM TRANSFINDER THAT LEVERAGES YOUR INVESTMENT IN ROUTEFINDER PRO TO SHARE INFORMATION VIA YOUR DISTRICT'S WEBSITE.

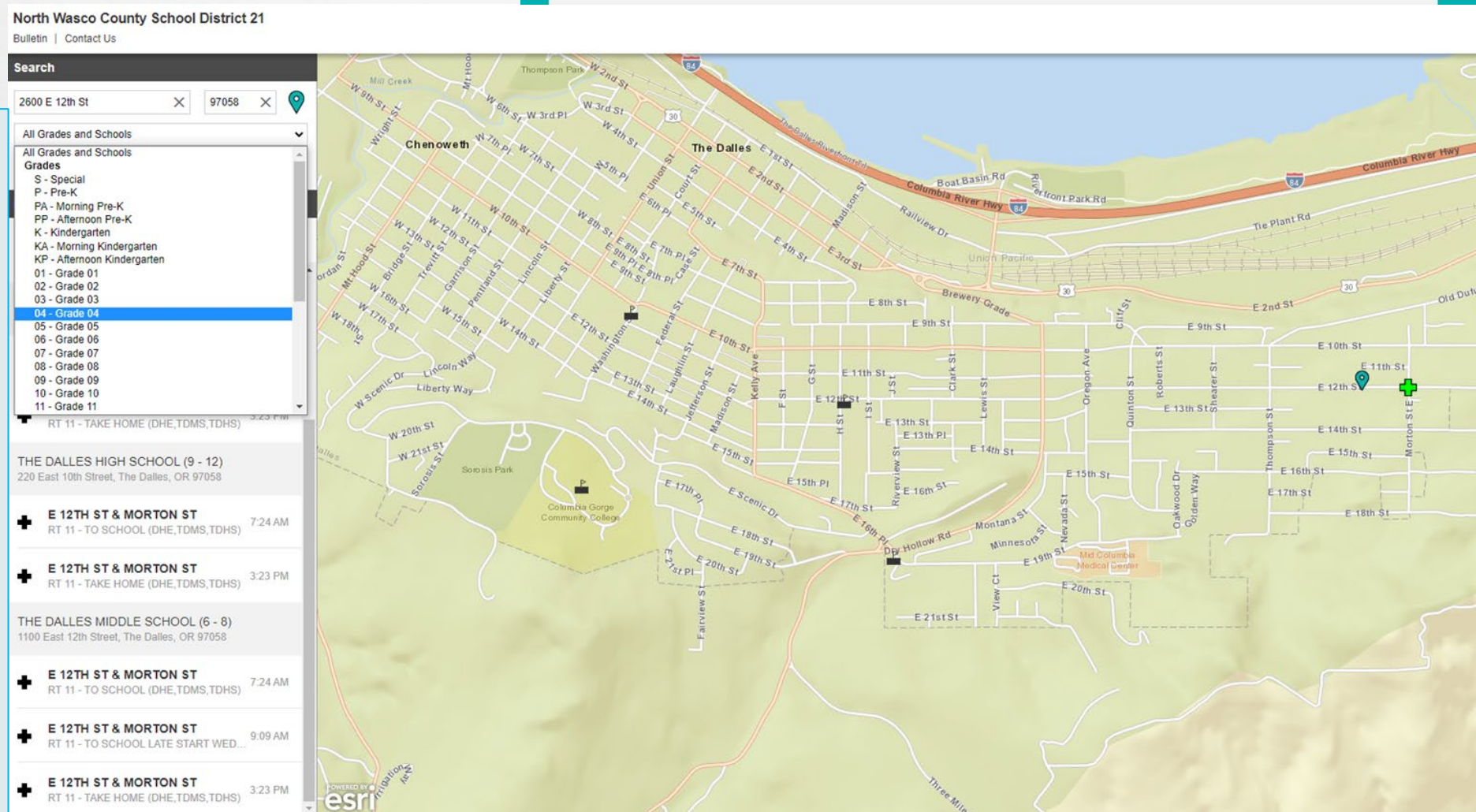
Parent and community portal for school bus information:

http://infofinderi.com

Type in address

Type in grade or school

All options are listed



transfinder

Secretary & Admin portal for student information:

viewfinder

Search 2021-2022 NWCSD...

- Dashboards
- Data Grids
  - Alternate Sites
  - Contractors
  - Districts
  - Field Trips
  - Geo Regions
  - Schools
  - Staff
  - Students
  - Trip Stops
  - Trips
  - Vehicles

viewfinder

NAME [redacted]

GRADE K

GENDER Male

DATE OF BIRTH 2017-11-17

GEOCODE ADDRESS STREET [redacted]

HOME PHONE [redacted]

NOTES
STUDENT ON ROUTE #15 MONDAY & TUESDAY TO CW- DAYCARE PICKS UP

LOCAL ID [redacted]

CONTACT 1 PHONE [redacted]

GUARDIAN [redacted]

CONTACT 2 None

CONTACT 2 PHONE ( ) -

CONTACT 1 [redacted]

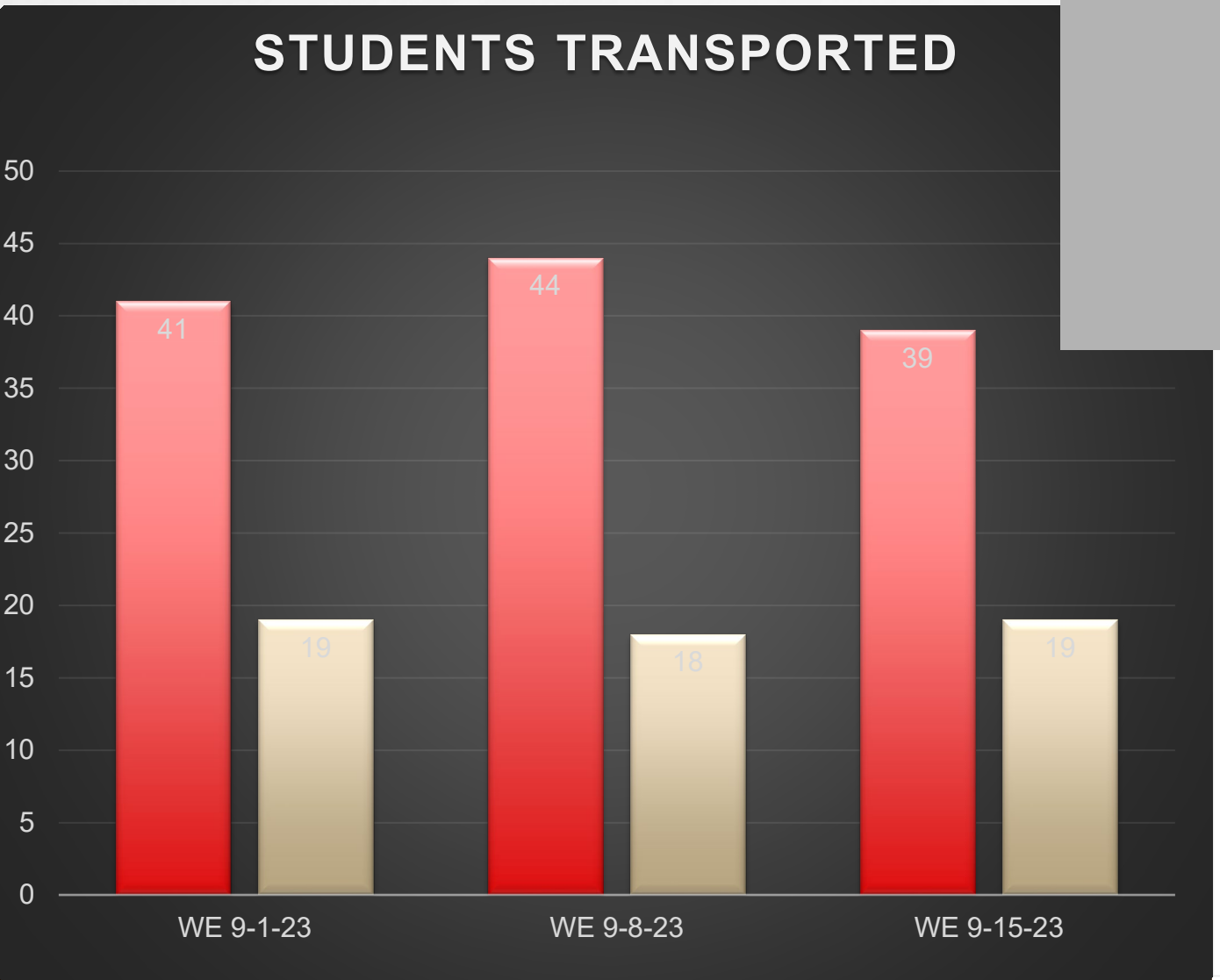
SCHEDULE

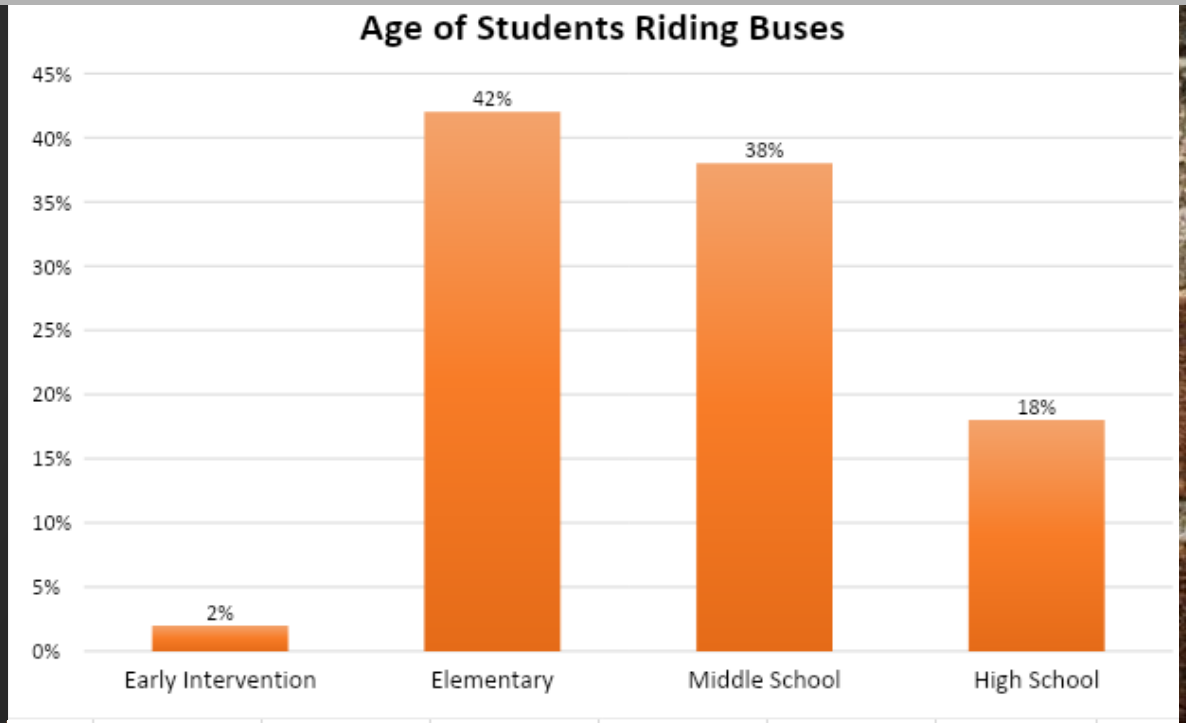
Pickup	Home	Trip Assignment RT 17 - TO SCHOOL (CES)	Stop Name ELBERTA ST & W 13TH ST (ELEM. ONLY)
		Vehicle 6	Stop Time 7:22 AM
Dropoff	Home	Trip Assignment RT 17 - TAKE HOME (CES)	Stop Name ELBERTA ST & W 13TH ST (ELEM. ONLY)
		Vehicle 6	Stop Time 2:51 PM
Exception		Trip Assignment RT 15 - TAKE HOME (CES)	Stop Name Colonel Wright Elem School
M,Tu 08/21/2023 - 06/30/2024		Vehicle 7	Stop Time 2:50 PM

transfinder

SCHOOLS AND PROGRAMS WE ARE SERVICING:

THE DALLES HIGH SCHOOL – dismissal 3:00pm
INNOVATIONS ACADEMY – dismissal 2:40 pm
THE DALLES MIDDLE SCHOOL – dismissal 2:50 pm
CHENOWITH ELEMENTARY – dismissal 2:40 pm
COLONEL WRIGHT ELEMENTARY – dismissal 2:40 pm
DRY HOLLOW ELEMENTARY – dismissal 2:40 pm
MOSIER COMMUNITY SCHOOL – 2:15 pm
SHERMAN COUNTY SCHOOL DISTRICT
SHERMAN COUNTY PRESCHOOL
CHENOWITH – PRESCHOOL PROMISE BILINGUAL
PETERSBURG PRESCHOOL





COMMUNICATION IS KEY!!

Channel #1 – All bus drivers communicating with dispatch office and other bus driver staff

***Channel #2** – Dispatch office can make secure calls to individual drivers and/or buses

a. Voice
b. Text visible on screen
c. Code word!!

***Channel #3** – All district administration, Superintendent, principals at each school and transportation director can talk to each other in an emergency on a secure line

School Bus Fleet News:

I am proud to once again remind our board and community of the VW Environmental Mitigation grants awarded to North Wasco County School District. The following funds will be used to support the purchase of new school buses, replacing buses that currently do not meet the standards set forth in House Bill 2795.

- Summer 2023 – VW GRANT # 076-21 = $ 92,400.00 2 – 78 passenger school buses
  with air conditioning

OREGON.GOV

DEQ's diesel school bus replacement program

DEQ

HYDRO EXTRUSION LLC. – THE DALLES, OR

About Hydro

40 countries

30,000 employees

Hydro is a leading industrial company committed to a sustainable future. Our purpose is to create more viable societies by developing natural resources into products and solutions in innovative and efficient ways.

Hydro

HYDRO EXTRUSION LLC. – THE DALLES, OR

*On October 22, 2021 NWCSD entered into an agreement with Hydro Extrusion LLC. to receive SEP funds in the amount of $556,480.00

*1 ea. - special needs bus - Delivered summer 2022

*1 ea. - 78 passenger bus – Delivery summer 2022

*1 ea. – 78 passenger bus – Delivery fall 2023

* 1 ea. - special needs bus - Delivered fall 2023

SCHOOL DISTRICT 21

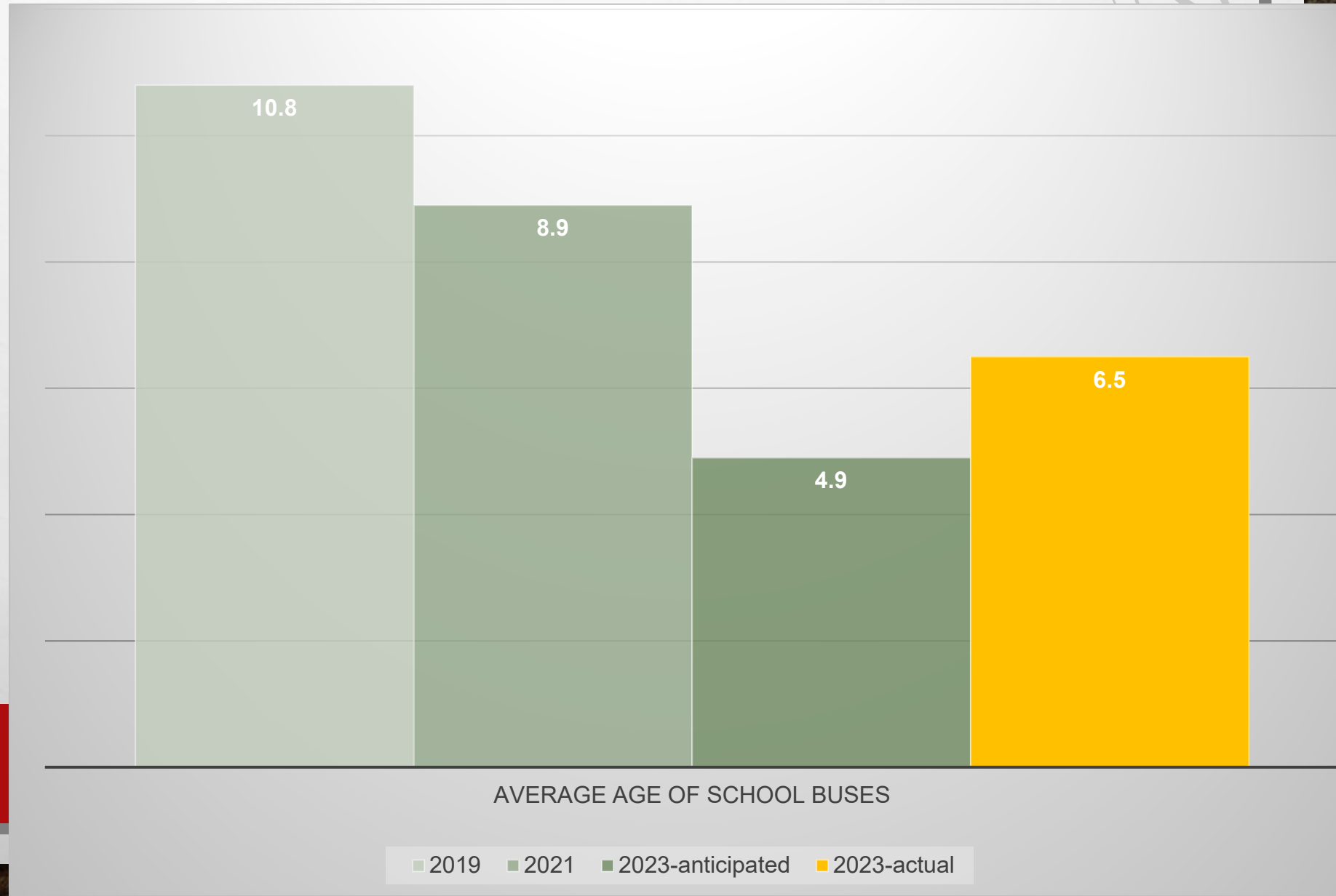
More new buses!!

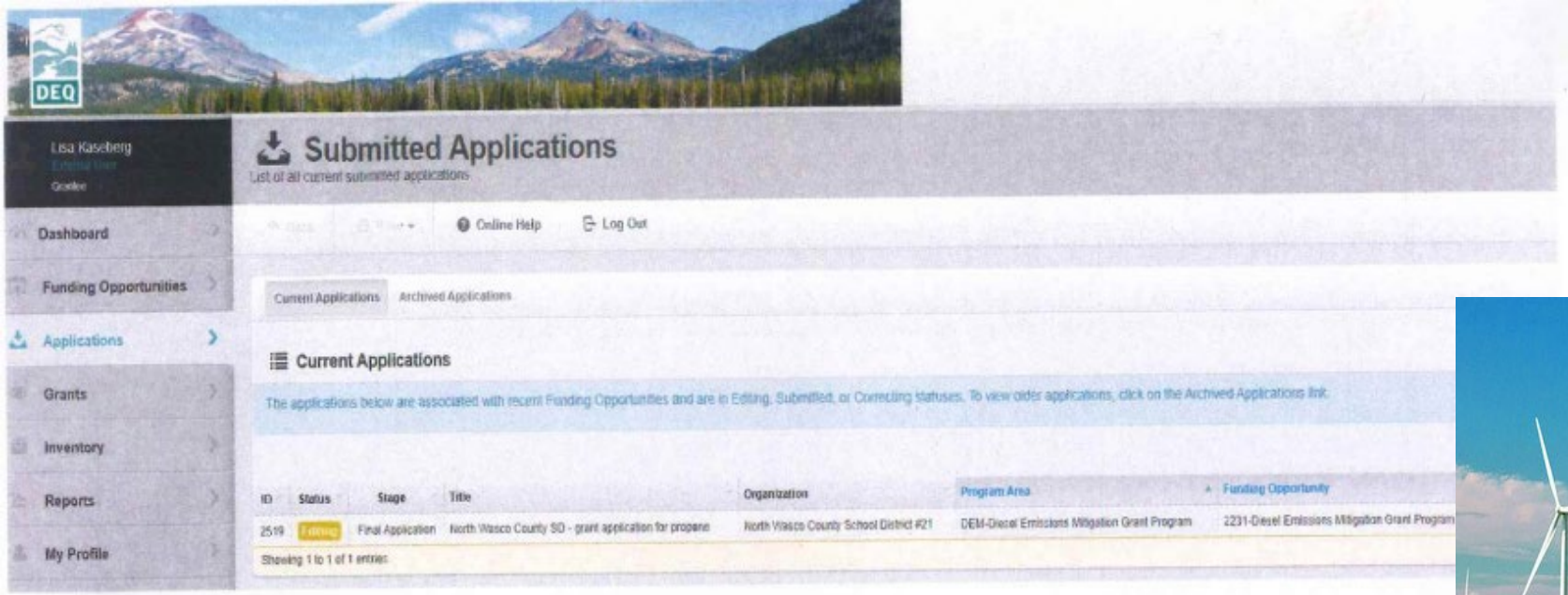
2 – new buses in November

3 – new buses in March 2024

NWCSD HAS PURCHASED A TOTAL OF *19* SCHOOL BUSES IN PAST 5 YEARS!!

FLEET AVERAGE AGES:





DEQ

OREGON.GOV

Bus Cost Comparison Analysis:

Diesel – 78 passenger rear engine - $193,566.00

Propane – 77 passenger Type C - $170,000.00

Electric – 78 passenger rear engine - $440,000.00

Level 3 charging station - $60,000.00

(If transformer is compatible, if not compatible this cost is not covered with grant funds)

Senate Bill 819

Implications for Implementation in N. Wasco County School District

Senate Bill 819

SB 819, signed into law on July 13, 2023, represents a significant transformation in the structure of Abbreviated School Day Program Placements for students with disabilities in Oregon. This law repeals ORS 343.161 and establishes a new framework, emphasizing meaningful access, updated definitions, informed consent, regular meetings, and increased accountability.

Student With A Disability: Comparison of Language

Student with a Disability under ORS 343.161 (Previous)

"Child with a disability" means a school-age child who is entitled to a free appropriate public education as specified by ORS 339.115 and who requires special education because the child has been evaluated as having one of the following conditions as defined by rules established by the State Board of Education.

Student with a Disability under SB 819 (Current)

A student who is eligible for **special education** and related services, as provided by ORS chapter 343;

A student who has a disability under **Section 504 of the Rehabilitation Act** of 1973, 29 U.S.C. 794, and is eligible for a 504 Plan; or

A student who has **not been determined to be eligible** for special education and related services, as provided by ORS chapter 343, or to be eligible for a 504 Plan, but for whom a **request or referral for evaluation for eligibility determination has been made but not yet completed**.

Abbreviated School Day Program: Comparison of Language

Current (SB 819) Definition of Abbreviated School Day

Means any school day during which a student with a disability receives instruction or educational services for fewer hours than the **majority of other students who are in the same grade within the student's resident school district.**

Abbreviated School Day Program

Is an education program:

- In which a school district r**estricts a student's access** to hours of instruction or educational services to less than the number of hours of instruction or educational services that are provided to the majority of other students who are in the same grade within the student's resident school district
- **That results in a student having an abbreviated school day for more than 10 school days per school year.**

819 Premise: Equitable Access to Instruction

Abbreviated school day program placements should happen only when no full day placement within a continuum of alternative placements can meet a child's needs.

All students have a right to a full school day.

Factors That **May Not** Influence Abbreviated School Days

A school district may not consider, recommend or implement an abbreviated school day program due to:

Lack of staffing, personnel, nursing services,instructional assistants	Convenience for the district, its systems or policies
Transportation: staffing, scheduling (no early pick up or drop off times allowed)	…any illness that would not typically have the same effect for the majority of other students who are in the same grade within the student's resident school district.

School districts must provide transportation as outlined in each student's IEP/504 Plan.

Requirements for Abbreviated School Day IEP and 504 Meetings

Three Meeting Types

- ✓ Initial placement on Abbreviated School Day Program
- ✓ The first review meeting held between 25-35 days after initial placement
- ✓ Subsequent review meetings at specified intervals

- We need to make sure that everyone is trained in the specific requirements of ASDP meetings and how they apply to the different contexts of 504
- Special attention should be paid to 504 teams as these processes are a significant departure from their previous processes.
- At-a-Glance flowcharts are a helpful tool in this process.

Revoking Consent

A parent or a foster parent may, at any time, revoke consent for the placement of a student with a disability on an abbreviated school day program.

- Consent for the abbreviated school day program placement shall be considered revoked if, at any time, the parent or the foster parent revokes the consent, in writing, to an abbreviated school day program placement or makes a written objection to the abbreviated school day program placement.

Revoking Consent

Upon receipt of a written revocation or objection to the abbreviated school day program placement, the school district superintendent shall ensure that,

- Within five school days or by a later date specified in a written notice provided by the parent or foster parent, the student has meaningful access to the same number of hours of instruction and educational services that are provided to the majority of other students who are in the same grade within the student's resident school district.

Submit Data to ODE

SB 819 requires that at least one every 30 calendar days during the school year, inform the Department of Education about the student's abbreviated school day program placement, including:

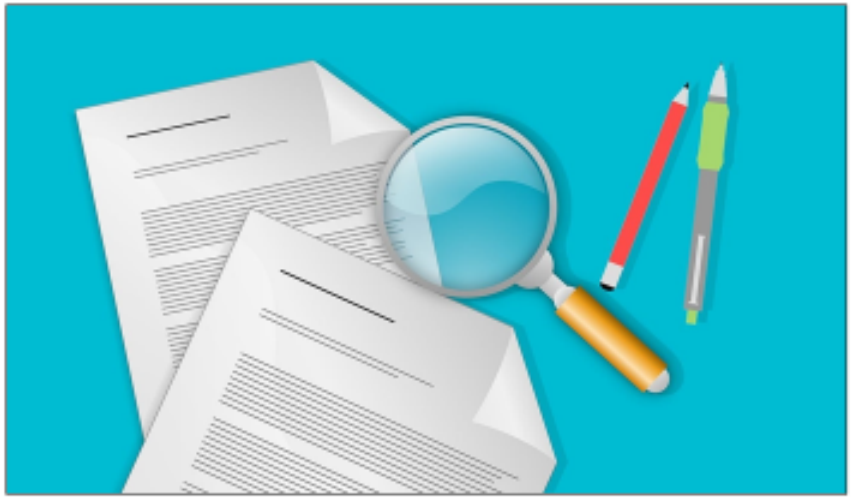
- The grade level of the student;
- The number of hours of instruction and educational services the school district is scheduled to provide to the student each week;
- The date the student began the abbreviated school day program; and
- The date by which the student is expected to receive meaningful access to the same number of hours of instruction and educational services that are provided to the majority of other students who are in the same grade within the student's resident school district.

Superintendent Review

Superintendent must complete the review once the student's abbreviated school day placement reaches 90 cumulative calendar days over two or more consecutive school years.

Complaint Investigations

When the Department of Education receives a complaint or otherwise has cause to believe a school district is not in compliance with 819, the Department must initiate an investigation.



Enforcement

Enforcement actions for failure to comply with abbreviated school day program legislation are integrated into SB 819.

Impact in N. Wasco County School District: IEP

- 57 students on an ASDP
- 44 Parent/Student Choice - Program Placement
  - Innovations Academy
  - Kelly Ave.
  - Transition 21
- 10 Parent/Student Choice
  - “Free Period” at TDHS
  - Request for less than full day placement due to student/family specific needs
- 3 IEP Team Decisions to meet Individual Student Needs

NORTH WASCO COUNTY SCHOOL DISTRICT

FY 2023 Expenditure Status Report

For the month ending June 30th, 2023

Fund	Beginning Fund Balance	Budgeted Revenue	Revenue Collected YTD	% Collected	Projected Revenue	Total Budget	Expended YTD	Encumbered	Projected Expenditures	% of Budget Expended	Revenue - Expenditures YTD	Projected Ending Fund Balance
100 - GENERAL FUND	$ 1,119,091	$37,557,419	$34,652,475	92.27%	$34,652,475	$ 37,557,419	$35,553,308	$ 715	$ 35,554,023	94.66%	$ (900,833)	$ 217,543
210 - FEDERAL PROGRAMS	$ 39,546	$ 9,218,551	$ 7,374,697	80.00%	$ 7,373,996	$ 9,218,551	$ 7,373,997	$ -	$ 7,373,997	79.99%	$ 700	$ 39,545
220 - STATE GRANTS	$ 74,106	$ 5,253,539	$ 4,262,626	81.14%	$ 4,262,625	$ 5,253,539	$ 4,247,672	$ -	$ 4,247,672	80.85%	$ 14,954	$ 89,059
230 - LOCAL GRANT PROGRAMS	$ 121,143	$ 727,586	$ 914,734	125.72%	$ 914,734	$ 727,586	$ 655,075	$ -	$ 655,075	90.03%	$ 259,659	$ 380,802
240 - VOCATIONAL EDUCATION FUND	$ 45,905	$ 49,009	$ 66,527	135.74%	$ 66,527	$ 49,009	$ 48,849	$ -	$ 48,849	99.67%	$ 17,678	$ 63,583
242 - ENTERPRISE ZONE PROJ FUND	$ 91,375	$ 442,000	$ 240,000	54.30%	$ 240,000	$ 442,000	$ 108,618	$ -	$ 108,618	24.57%	$ 131,382	$ 222,757
250 - NUTRITION SERVICES	$ 281,689	$ 1,512,823	$ 1,514,572	100.12%	$ 1,514,572	$ 1,512,823	$ 1,574,661	$ -	$ 1,574,661	104.09%	$ (60,089)	$ 221,600
285 - TECHNOLOGY & EQUIPMENT	$ 112,836	$ 176,031	$ 100,231	56.94%	$ 100,231	$ 176,031	$ 169,699	$ -	$ 169,699	96.40%	$ (69,468)	$ 43,368
290 - STUDENT BODY ACCOUNT	$ 361,923	$ 515,481	$ 323,575	62.77%	$ 323,575	$ 515,481	$ 309,793	$ -	$ 309,792	60.10%	$ 13,782	$ 375,706
292 - TEXTBOOK REPLACEMENT FUND	$ 433,559	$ 1,135,880	$ 386,272	34.01%	$ 386,272	$ 1,135,880	$ 538,500	$ -	$ 538,500	47.41%	$ (152,228)	$ 281,331
295 - BUS REPLACEMENT	$ 89,120	$ 755,286	$ 554,751	73.45%	$ 554,751	$ 755,286	$ 610,775	$ -	$ 610,775	80.87%	$ (56,024)	$ 33,096
298 - VEHICLE REPLACEMENT	$ 65,399	$ 56,100	$ 2,685	4.79%	$ 2,685	$ 56,100	$ 43,585	$ -	$ 43,585	77.69%	$ (40,900)	$ 24,499
303 - OSBA PERS BONDS	$ 98	$ 1,837,230	$ 1,837,131	99.99%	$ 1,837,131	$ 1,837,230	$ 1,837,230	$ -	$ 1,837,230	100.00%	$ (99)	$ (1)
304 - FULL FAITH & CREDIT OBLIG	$ 15,654	$ 379,363	$ 379,363	100.00%	$ 379,363	$ 379,363	$ 379,363	$ -	$ 379,363	100.00%	$ -	$ 15,654
401 - CAPITAL PROJECTS	$ 24,158	$ 151,000	$ 53,966	0.00%	$ 53,967	$ 151,000	$ -	$ -	$ -	0.00%	$ 53,966	$ 78,125
Total All Funds	**$ 2,875,602**	**$59,767,298**	**$52,663,605**	**88.11%**	**$52,662,904**	**$ 59,767,298**	**$53,451,125**	**$ 715**	**$ 53,451,839**	**89.43%**	**$ (787,520)**	**$ 2,086,667**

NORTH WASCO COUNTY SCHOOL DISTRICT

FY 2023 Expenditure Status Report

For the month ending June 30th, 2023

DESCRIPTION	Budget	Year to Date	Encumbrances	Balance	% Budget Expended
100 General Fund					
1000 - Instruction	21,596,297	20,410,484	370	1,185,443	94.51%
2000 - Support Services	14,589,358	14,272,824	345	316,189	97.83%
5000 - Debt Service & Fund Transfers	870,000	870,000	-	-	100.00%
6000 - Contingency	-	-	-	-	0.00%
7000 - Unappropriated Ending Fund Balance	501,764	-	-	501,764	0.00%
Totals	**37,557,419**	**35,553,308**	**715**	**2,003,396**	**94.66%**
210 - Federal Programs Fund					
1000 - Instruction	5,322,792	5,141,547	-	181,245	96.59%
2000 - Support Services	1,812,396	2,038,164	-	(225,768)	112.46%
3000 - Enterprise & Community Services	81,075	82,458	-	(1,383)	101.71%
4000 - Capital Outlay	126,757	111,828	-	14,929	88.22%
7000 - Unappropriated Ending Fund Balance	1,875,531	-	-	1,875,531	0.00%
Totals	**9,218,551**	**7,373,997**	**-**	**1,844,554**	**79.99%**
220 - State Grant Funds					
1000 - Instruction	3,048,881	2,605,676	-	443,205	85.46%
2000 - Support Services	2,029,658	1,581,493	-	448,165	77.92%
3000 - Enterprise & Community Services	70,000	57,603	-	12,397	82.29%
4000 - Capital Outlay	5,000	2,900	-	2,100	0.00%
7000 - Unappropriated Ending Fund Balance	100,000	-	-	100,000	0.00%
Totals	**5,253,539**	**4,247,672**	**-**	**1,005,867**	**80.85%**
230 - Local Grants					
1000 - Instruction	53,300	9,697	-	43,603	18.19%
2000 - Support Services	78,045	58,858	-	19,187	75.42%
3000 - Enterprise & Community Services	596,241	586,520	-	9,721	98.37%
Totals	**727,586**	**655,075**	**-**	**72,511**	**90.03%**
240 - Vocational Education Fund					
1000 - Instruction	49,009	48,849	-	160	99.67%
Totals	**49,009**	**48,849**	**-**	**160**	**99.67%**
242 - Enterprise Zone Funds					
1000 - Instruction	-	14,905	-	(14,905)	0.00%
2000 - Support Services	382,000	56,161	-	325,839	14.70%
4000 - Capital Outlay	60,000	37,552	-	22,448	0.00%
Totals	**442,000**	**108,618**	**-**	**333,382**	**24.57%**
250 Nutrition Services Fund					
3000 - Enterprise & Community Services	1,512,823	1,574,661	-	(61,838)	104.09%
Totals	**1,512,823**	**1,574,661**	**-**	**(61,838)**	**104.09%**
285 Technology Fund					
2000 - Support Services	176,031	169,699	-	6,332	96.40%
7000 - Unappropriated Ending Fund Balance	-	-	-	-	0.00%
Totals	**176,031**	**169,699**	**-**	**6,332**	**96.40%**
290 - Student Body Funds					
1000 - Instruction	280,000	307,801	-	(27,801)	109.93%
2000 - Support Services	6,250	1,992	-	4,258	31.87%

DESCRIPTION	Budget	Year to Date	Encumbrances	Balance	% Budget Expended
7000 - Unappropriated Ending Fund Balance	229,231	-	-	229,231	0.00%
Totals	**515,481**	**309,793**	**-**	**205,688**	**60.10%**
292 - Textbook Replacement Fund					
1000 - Instruction	755,000	538,500	-	216,500	71.32%
2000 - Support Services	-	-	-	-	0.00%
7000 - Unappropriated Ending Fund Balance	380,880	-	-	380,880	0.00%
Totals	**1,135,880**	**538,500**	**-**	**597,380**	**47.41%**
295 - Bus Replacement Fund					
2000 - Support Services	590,718	446,634	-	144,084	75.61%
3000 - Enterprise & Community Services	164,568	164,141	-	427	99.74%
Totals	**755,286**	**610,775**	**-**	**144,511**	**80.87%**
298 - Vehicle Replacement Fund					
2000 - Support Services	56,100	43,585	-	12,515	77.69%
Totals	**56,100**	**43,585**	**-**	**12,515**	**77.69%**
303 - OSBA PERS Bonds					
5000 - Debt Service & Fund Transfers	1,837,230	1,837,230	-	-	100.00%
7000 - Unappropriated Ending Fund Balance	-	-	-	-	0.00%
Totals	**1,837,230**	**1,837,230**	**-**	**-**	**100.00%**
304 - Full Faith & Credit Obligation					
5000 - Debt Service & Fund Transfers	379,363	379,363	-	-	100.00%
7000 - Unappropriated Ending Fund Balance	-	-	-	-	0.00%
Totals	**379,363**	**379,363**	**-**	**-**	**100.00%**
401 - Capital Improvements					
2000 - Support Services	91,000	-	-	91,000	0.00%
4000 - Capital Outlay	60,000	-	-	60,000	0.00%
Totals	**151,000**	**-**	**-**	**151,000**	**0.00%**
Total All Funds	**59,767,298**	**53,451,125**	**715**	**6,315,458**	**89.43%**

NORTH WASCO COUNTY SCHOOL DISTRICT

FY 2023 Expenditure Status Report

For the month ending June 30th, 2023

Balance Sheet	General Fund	State Special Revenues	Nutrition Services	Technology Fund	Student Body Funds**	Replacement Funds	Debt Service Funds	Capital Projects	District Fund Totals	**Totals
ASSETS:										
Cash & Investments	2,926,247	(1,248,517)	257,424	43,368	375,706	246,420	15,654	78,124	2,318,720	**2,694,426**
Accounts Receivable	1,439,116	2,169,252	-			94,520			3,702,888	**3,702,888**
Inventory/Prepaid expense	391,198	-	15,135						406,333	**406,333**
Total Assets	**4,756,561**	**920,735**	**272,559**	**43,368**	**375,706**	**340,940**	**15,654**	**78,124**	**6,427,941**	**6,803,647**
LIABILITIES:										
Accounts Payable	128,500	76,693	34,758	-		2,013			241,964	**241,964**
Payroll Liabilities	4,082,288	-	-						4,082,288	**4,082,288**
Deferred Revenue	327,515	47,593	16,201						391,309	**391,309**
Total Liabilities	**4,538,303**	**124,286**	**50,959**	**-**	**-**	**2,013**	**-**	**-**	**4,715,561**	**4,715,561**
FUND BALANCE:										
Total Fund Balance	**218,258**	**796,449**	**221,600**	**43,368**	**375,706**	**338,927**	**15,654**	**78,124**	**1,712,380**	**2,088,086**
Revenues & Expenditures: 2022-23 Year to Date										
Beginning Fund Balance	1,119,091	372,075	281,689	112,836	361,923	588,078	15,752	24,158	2,513,679	**2,875,602**
Year to Date Revenues	34,652,475	12,858,584	1,514,572	100,231	323,575	943,709	2,216,494	53,966	52,340,031	**52,663,606**
Year to Date Expenditures	35,553,308	12,434,210	1,574,661	169,699	309,792	1,192,860	2,216,592	-	53,141,330	**53,451,122**
Year to Date Net Income (Loss)	(900,833)	424,374	(60,089)	(69,468)	13,783	(249,151)	(98)	53,966	(801,299)	**(787,516)**
Ending Fund Balance	**218,258**	**796,449**	**221,600**	**43,368**	**375,706**	**338,927**	**15,654**	**78,124**	**1,712,380**	**2,088,086**

NORTH WASCO COUNTY SCHOOL DISTRICT

Federal Relief Funds

For the month ending June 30th, 2023

ESSER (CARES Act) **$760,676.15** **Period:** 03/13/2020 - 09/30/2022

ACCOUNT TITLE	Budget	FY 2021 Expenditures	FY 2022 Budgeted	Total	Balance
ESSER District	$664,755.15			$665,077.05	($321.90)
Staffing (5 Staff plus blue print teams)		$648,548.05	$0.00		
Computers & Distance Learning Programs		$15,029.00			
Professional Development (COSA)		$1,500.00			
ESSER LTCT/JDEP	$402.00	$402.00		$402.00	$0.00
ESSER Mosier	$57,455.00	$57,455.30	$0.00	$57,455.30	($0.30)
ESSER Cares Act (St.Marys)	$14,364.00	$14,041.80	$0.00	$14,041.80	$322.20
ESSER Riverbend	$23,700.00	$23,700.00	$0.00	$23,700.00	$0.00
Totals	**$760,676.15**	**$760,676.15**	**$0.00**	**$760,676.15**	**$0.00**

ESSER (CARES CDL GEER Funds) **$166,339.42** **Period:** 07/01/2020 - 04/31/2021

ACCOUNT TITLE	Budget	FY 2021 Expenditures	Total	Balance
CDL - District	$146,043.42		$145,924.35	$119.07
Distance Learning Software (Acellus, ect)		$58,260.31		
Communications to Family/Parents		$3,875.00		
Student Technology (Chromebook, hotspots, ect)		$79,968.63		
Indirect Costs		$3,820.41		
CDL - Mosier	$10,569.00	$10,569.57	$10,569.57	($0.57)
CDL - St.Marys	$7,817.00	$7,935.50	$7,935.50	($118.50)
CDL - Riverbend	$1,910.00	$1,910.00	$1,910.00	$0.00
Totals	**$166,339.42**	**$166,339.42**	**$166,339.42**	**$0.00**

ESSER II (CRRSA) Funds **$2,988,063.00** **Period:** 03/13/2020 - 09/30/2023

ACCOUNT TITLE	Budget	FY 2021 Expenditures	FY 2022 Expended	FY 2023 Budgeted	FY 2023 Expended	Total	FY 2024 - 2025 Balance
ESSER 2 District	$2,791,630.40					$0.00	$2,791,630
Staffing			$370,741		$66,422	$437,163.00	($437,163)
APU /Fans		$208,570.10	$102,943			$311,513.10	($311,513)
Communications to Family/Parents		$3,487.50				$3,487.50	($3,488)
PPE - Dividers, masks, ect		$9,638.35	$53,743		$25,875	$89,256.35	($89,256)
Student Technology (Chromebook, Acellus, ect)		$289,619.53	$952,372		$307,973	$1,549,964.53	($1,549,965)
Band Supply Students			$62,481		$12,880	$75,361.00	($75,361)
Portables, Miscellaneous COVID Items		$21,934.00	$121,124			$143,058.00	($143,058)
Professional Development						$0.00	$0
Food Service/Cafeteria Items			$51,225			$51,225.00	($51,225)
Expanded Health Services			$37,800			$37,800.00	($37,800)
Transportation Program			$8,436		$3,627.14	$12,063.14	($12,063)
Indirects		$15,090.96	$51,625		$14,025	$80,740.96	($80,741)
ESSER 2 Mosier	$196,432.87		$93,778		$102,654	$196,432.00	$1
ESSER 2 Riverbend						$0.00	$0
ESSER 2 JDEP Funds	$40,000.00		$6,110		$67	$6,177.00	$33,823
Totals	**$3,028,063.27**	**$548,340.44**	**$1,912,378**	**$0**	**$533,523**	**$2,994,242**	**$33,821**

($2) Balance

ESSER III (ARP Act) Funds **$6,710,765.64** **Period:** 03/13/2020 - 09/30/2024

ACCOUNT TITLE	Budget	FY 2021 Expenditures	FY 2022 Expended	FY 2023 Budgeted	FY 2023 Expended	FY 2024 Budgeted	Total	FY 2024 - 2025 Balance
ESSER 3 District	$6,274,002.61						$0	$6,274,003
Staffing					$3,065,192	$1,164,749	$4,229,941	($4,229,941)
Technology/Distance Learning					$206,336	$75,000	$281,336	($281,336)
Summer Programs		$23,127.16	$140,983		$100,988		$265,098	($265,098)
Summer Program - Refridgerated Van			$11,531		$65,289		$76,820	($76,820)
Learning Loss - Innovations					$919,474		$919,474	($919,474)
TDHS Pavilion/Maintenance			$109,905		$111,828		$221,733	($221,733)
Supplies/Maintenance					$170,681		$170,681	($170,681)
Health Services					$87,442		$87,442	($87,442)
Indirects			$7,295		$14,183		$21,478	($21,478)
ESSER 3 Mosier	$441,469.73				$23,072	$418,398	$441,470	$0
ESSER 3 Riverbend							$0	$0
Totals	**$6,715,472**	**$23,127**	**$269,714**	**$0**	**$4,764,485**	**$1,658,147**	**$6,715,473**	**$0**

	Total Grant Budget	FY 2021 Expenditures	FY 22 Expenditures	FY 2023 Budget	FY 2023 Expended	FY 2024 Budget	Total Expended	Balance of District Funds
Totals	**$10,670,550.84**	**$1,498,483.01**	**$2,182,092**	**$0**	**$5,298,008**	**$1,658,147**	**$10,636,731**	**$33,821**

North Wasco County School District

School Year 2023 – 2024, September Enrollment Summary

School Year 2023 – 2024	Chenowith	Col. Wright	Dry Hollow	Mosier	TDMS	TDHS	Innovative Academy	Innovation Virtual	Total
September 20th	419	277	423	159	550	841	110	75	2,854
October									0
November									0
December									0
January									0
February									0
March									0
April									0
May									0
June									0
Average	419	277	423	159	550	841	110	75	2,854
Peak	419	277	423	159	550	841	110	75	2,854
Average 2022 - 2023	386	287	417	168	546	789	101	95	2,782
Avg Change 2024-2023	33	(10)	6	(9)	4	52	9	(20)	72
Peak 2022-2023	394	292	424	174	558	822	33	195	2,851
Peak Change 2024-2023	25	(15)	(1)	(15)	(8)	19	77	(120)	3
Change June 2023 to Current	389	289	414	163	536	743	87	100	2,721
Change PY Month to Current	30	(12)	9	(4)	14	98	23	(25)	133

Enrollment Summary by Building and Grade as of 9/20/23														
School	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Totals**
Chenowith Elementary	82	71	73	76	59	58	0	0	0	0	0	0	0	419
Colonel Wright Elementary	36	50	46	54	50	41	0	0	0	0	0	0	0	277
Dry Hollow Elementary	62	68	76	74	70	73	0	0	0	0	0	0	0	423
Mosier Community School	18	19	22	17	23	14	16	14	16	0	0	0	0	159
The Dalles High School	0	0	0	0	0	0	0	0	0	232	239	179	191	841
The Dalles Middle School	0	0	0	0	0	0	180	185	185	0	0	0	0	550
Innovations Academy	0	0	0	0	0	0	0	16	14	13	16	17	34	110
Innovations Virtual	2	1	2	5	1	0	4	3	4	13	10	13	17	75
Totals	**200**	**209**	**219**	**226**	**203**	**186**	**200**	**218**	**219**	**258**	**265**	**209**	**242**	**2,854**
June 2023 Totals	202	218	225	196	185	192	209	214	229	262	200	221	168	2,721
Difference Now – June 2023	(2)	(9)	(6)	30	18	(6)	(9)	4	(10)	(4)	65	(12)	74	133
Previous Month (June 2023)	202	218	225	196	185	192	209	214	229	262	200	221	168	2,721
Difference	(2)	(9)	(6)	30	18	(6)	(9)	4	(10)	(4)	65	(12)	74	133

*Note: The budgeted ADMr is at 2,899, with additional weights of 712.14, which includes Mosier Community School, for a total ADMw of 3,611.14.

September 7, 2023

To: Board of Directors
From: Kara Flath, Chief Financial Officer
RE: Approval of Engineering & Architectural Services Firm

The District issued a request for proposal for engineering services on August 3rd, 2023, which was published in The Daily Journal of Commerce, Columbia Gorge News, and on the District's web page. Proposals were due on August 28th, 2023, at 4:00 pm. The District received two proposals.

Members of the District's selection committee included: Dan Ezelle, Facilities Director, Ryan Allinger, Building and Planning Director, Ajay Rundell, Chenowith Elementary Principal, Jose Aparicio, Community Member and School Board Member, and Michael Springston, Community Member.

The selection committee recommends approval of the firm, ZCS Engineering & Architecture, to provide engineering services for the seismic rehabilitation of Chenowith Elementary as described in the RFP.

Funding for this contract will be from the Seismic Rehabilitation Grant awarded to the District in June 2023.

PRESENTERS: Kara Flath, Chief Financial Officer

SUPPLEMENTARY MATERIALS: Request for Proposal and Scoring Matrix

RECOMMENDATION: The administration recommends the approval of the firm, ZCS Engineering & Architecture, to provide engineering services for the seismic rehabilitation of Chenowith Elementary as described in the RFP.

PROPOSED MOTION: I move to approve ZCS Engineering & Architecture to provide engineering services for the seismic rehabilitation of Chenowith Elementary as described in the District's RFP and to authorize the administration to negotiate and execute a contract with the firm.

North Wasco County School District #21

REQUEST FOR PROPOSALS FOR ENGINEERING SERVICES

Chenowith Elementary School Gym & Cafeteria Seismic Rehabilitation

CONTRACT ADMINISTRATOR:
North Wasco County School District
Kara Flath
Chief Financial Officer
Phone: 541-506-3424
Email: flathk@nwasco.k12.or.us

www.nwasco.k12.or.us

ISSUE DATE:	August 3, 2023
RFP CLOSING (DUE) DATE	August 28, 2023 4:00PM

NO LATE RESPONSES WILL BE ACCEPTED

SUBMITTAL LOCATION

North Wasco County School District
Kara Flath, Chief Financial Officer
3632 West 10th Street, The Dalles, OR 97058

Introduction:
North Wasco County School District #21 (the "District") is seeking proposals from firms for the architectural, structural, mechanical and electrical design for the Seismic Rehabilitation of Chenowith Elementary School Gym & Cafeteria (the "Project"), located at 922 Chenowith Loop Rd., The Dalles, OR 97058. In May 2023, the District applied for and received a Seismic Rehabilitation Grant ("SRG") for the project through the Infrastructure Finance Authority: Business Oregon, based on the application prepared by ZCS Engineering & Architecture. The intent of this RFP is for the consultant to provide an integrated design solution for the gym & cafeteria buildings. As part of this grant, a preliminary rehabilitation feasibility report was prepared for each portion of the project and is enclosed. The District was awarded $2,448,775 for the design and construction of the Chenowith Elementary Gym & Cafeteria Seismic Rehabilitation.

Project Description.
The cafeteria, building A, was constructed in 1961 and is approximately 6,500 square-feet. The cafeteria is a one-story cast in place concrete structure with a straight sheathed roof diaphragm supported by sawn lumber joists and glulam beams. The exterior walls are reinforced concrete. The interior walls are a combination of reinforced concrete and 2x wood walls with gypsum wallboard. The foundation and floor system consist of slab on grade and continuous strip footings along with concrete stem walls.

The gymnasium, building B, was constructed in 1993 and is approximately 11,500 square-feet. The gymnasium is a one-story precast concrete tilt-up structure with a wood structural panel sheathed roof diaphragm supported by engineered wood I-joists and glulam beams. The exterior walls are reinforced precast concrete. The foundation and floor system consist of slab on grade and continuous strip footings along with concrete stem walls.

The District intends to use either the typical Design-Bid-Build procurement project delivery method or the CM/GC procurement project delivery method for this Project. Pre-Design/Schematic Design would begin immediately upon award and approval of the resulting design contract. Construction is anticipated to start in May 2024 with the Project completion expected by September 2024. The Project may be vacated during the construction period.

Scope of Work:

Perform a seismic evaluation of the building, per American Society of Civil Engineers ("ASCE") Standard 41-17 "Seismic Evaluation of Existing Buildings". Develop rehabilitation and mitigation strategies per ASCE Standard 41-17 and the 2019 Oregon Structural Specialty Code ("OSSC"). It is the wish of the District to rehabilitate the building to meet the rehabilitation objective of "Immediate Occupancy".

Based on research and evaluation efforts performed during the Seismic Rehabilitation Grant ("SRG") in preparation for the project, the structural improvements listed in the enclosed evaluation report should be considered for the existing structure. Preliminary rehabilitation drawings (enclosed) were prepared to assist in defining the necessary scope of potential rehabilitation work for this structure. Refer to *Section 7.0 Deficiencies and Repairs found in Attachment A - Structural Seismic Evaluation Report* for a list of potential repairs required to seismically rehabilitate the building to meet the requirements outlined in the SRG application.

Selection Process:

This Request for Proposals ("RFP") and the selection process will be conducted pursuant to the terms of this RFP, the Oregon Attorney General's Model Rules for Consultant Selection, OAR Chapter 137, Division 48, and the District's applicable Board Policies.

Compensation:

Compensation will be based on a total "not-to-exceed" amount for services and reimbursable expenses, with "not-to-exceed" maximums for the following individual phases of the design: Pre-Design/ Schematic Design, Design Development, Construction Documents, Bidding, and Construction Administration services, including record documentation. The amount of compensation will be negotiated with the Apparent Successful Proposer.

Proposal Requirements:

The Proposer and all firms, subsidiaries and individuals providing professional services shall be currently licensed to practice in each of their respective areas of professional expertise in the State of Oregon, and shall comply with all State of Oregon Architect and Professional Engineer licensure requirements.

The submittal must include the following, in addition to what is required to comply with the Evaluation Criteria below:

- The firm's name, address, phone number, and facsimile number;
- The name of the contact person within the firm and his/her email address;
- A list of the firm's key personnel who would be assigned to this Project, by discipline;
- The name and Oregon registration number of the Project engineer who will serve as the Engineer of Record;
- The names of additional Project engineer(s) the firm proposes to provide services on this project, along with specific projects each of these persons has worked on in the past three years;
- Illustrations or photographs of at least three (3) relevant projects completed by the firm and involving the above named individuals; and
- The construction cost and building area (in gross square feet) of each reference project;
- Date of completion of each reference project;
- Location of each reference project;
- The function of each reference project;
- The construction delivery method used for each reference project;
- Whether the project was completed on schedule and within the budget or not;
- Responsibilities of those involved on each reference project who would provide services on these projects;
- Name, address and current telephone number of the owner representative most appropriate to discuss your firm's performance on each reference project;

- A Gantt chart providing a proposed schedule for the Pre-Design/Schematic Design, Design Development, and Construction Documents phases for each project.

If awarded the Contract, the Proposer must accept, as Contract performance obligations, the duty to actively pursue the plans as set forth in the Proposer's response.

Evaluation Criteria:

Please indicate in writing the following information about your firm's ability and desire to perform this work. Firms will be rated based upon the weight assigned to each item as noted in parentheses at the end of each statement below.

1) Firm Capabilities (10 points)
   a) Describe your firm's background and experience, including company history, length of time in the industry, service area, staffing size and capabilities.
   b) Describe your firm's design philosophy.
   c) Describe your firm's recent (past ten years) experience with design of renovations to public agency facilities (i.e. Fire Stations, Police Stations, Education facilities, etc.), and implementing the agency's design criteria.

2) Project Team (15 points)
   a) Provide your firm's staffing plan and specify key personnel to be assigned to this project. Include an organizational chart, staff roles and a current resume of key personnel.
   b) Describe what scope of services will be provided by proposing firm and whether sub-consultants are needed to complete this work. Identify the sub-consultants and the key personnel of the sub-consultants that you propose to use on this project.

3) Experience with the State of Oregon Seismic Rehabilitation Grant Program (25 points)
   a) Describe your experience completing seismic rehabilitation projects funded by the Business Oregon SRG Program.
   b) Provide record of performance on previously completed projects funded by the Business Oregon SRG Program. Indicate whether the project met budget and schedule expectations.
   c) Provide case studies on three (3) similar projects completed within the last 5 years. Include information about the size, construction type, building uses, construction delivery method and whether the project was completed on time and within budget.

4) Record of Performance & References (20 points)
   a) Describe your firm's past record of performance on contracts with governmental agencies and private owners with respect to such factors as cost control, quality of work, ability to meet schedules, and contract administration.
   b) Three (3) letters of reference must be provided, preferably for projects of similar type and size. Provide contact information for each reference.

5) Project Approach (20 points)
   a) Describe your approach to completing seismic rehabilitation projects and what special services, systems, or qualifications the firm has that would benefit the District in this project. Include familiarity with this project specifically and its specific requirements.
   b) Provide examples of lessons learned and examples of how your firm has worked with Owners and Contractors to minimize surprises during seismic rehabilitation projects.

c) Proposed cost management & quality control techniques to be employed.

6) Project Location (10 points)
   a) Describe your availability to and familiarity with the area in which the Project is located, including knowledge of design and construction techniques unique to the area.
   b) Describe proposer's plan to maximize and document local participation.

Evaluation Process:

The selection committee will score each submittal on the basis of responses to the evaluation categories. Submittals will be rated based upon the weights assigned to each item as noted in the parentheses at the end of the categories.

Each category will be assigned a weight between 0 and 30. Each member of the evaluation committee will rank each firm in each category between 0 and 5, and multiply that number by the weight assigned to the category. The individual evaluation committee members will then total the weighted score from all of the criteria to obtain the total score. The result of this total score will be used to rank all respondents.

The RFP also requires reference information for your firm. The District will utilize this information and any other independently obtained references that can provide background on the firm. This information will not be separately scored, but results obtained from these and/or other reference checks will be utilized in evaluating and scoring in the other categories and in the final ranking.

The evaluation committee will meet and use the individual evaluation committee member rankings as a beginning of their discussion. The discussion of the responses will include firm strengths and weaknesses and the individual evaluation committee member scorings. The committee reserves the option to interview finalists as ranked from the results of the evaluation committee discussion and scoring.

Selection Procedure and Timetable:

The selection procedure described below will be used to evaluate the capabilities of interested firms to provide the professional services to the District for this Project.

August 3, 2023	Issue RFP
August 15, 2023 11:00AM	Mandatory Site Visit/Pre-Proposal Conference
August 18, 2023 4:00PM	Questions and Solicitation Protests Deadline
August 21, 2023	Owner's written response to questions
August 28, 2023 4:00PM	RFP response due
To Be Determined	Optional Interviews with Selection Committee
September 1, 2023	Notice of Intent to Award
September 8, 2023 4:00PM	Selection Protest Deadline
September 11, 2023	Board Action to Approve Contract

Submission:

Submit one original and three (3) copies of your written proposal, along with an electronic version on a USB flash drive, to be received by the closing date and time listed in this document to:

Kara Flath, Chief Financial Officer
North Wasco County School District #21
3632 West 10th Street, The Dalles, OR 97058

Your response must be contained in a document not to exceed fifteen (15) single-sided pages including pictures, charts, graphs, tables and text the firm deems appropriate to be part of the review of the firm's response. Resumes of key individuals proposed to be involved in this project are exempted from the 15-page limit and should be appended to the end of your response. No supplemental information to the 15-page Proposal will be allowed. Appended resumes of the proposed key individuals and client reference letters, along with a transmittal letter, table of contents, front and back covers, and blank section/numerical dividers, etc., will not be counted in the 15-page limit.

Information shall be presented in the same order as the above evaluation criteria. The response should be submitted in soft-bound (comb or spiral, spiral preferred – no three-ring binders) format. The basic text information of the response should be presented in standard business font size (minimum 10-point), and reasonable (prefer 1 (one) inch) margins. Your response must be signed by an officer of your firm with the authority to commit the firm.

The District may reject any submittal not in compliance with all prescribed public bidding procedures and requirements, and may cancel this solicitation or reject for good cause, all responses upon finding by The District that it is in the public interest to do so.

Please note that throughout this Project, the District will not accept responses or queries that require the District to pay the cost of production or delivery.

Telephone, facsimile, or electronically transmitted submittals will not be accepted. Responses received after the closing date and time will not be considered.

Questions:

All questions and contacts with the District regarding any information in this RFP must be addressed in written form to the Contract Administrator at the address, email or fax listed in this document.

Solicitation Protests:

Respondents may submit a written request for clarification or change or protest of particular solicitation provisions and specifications and contract terms and conditions (including comments on any specifications that a firm believes limits competition) to the Contract Administrator at the address, email or fax listed in this document. Such requests and protests must be received no later than 4:00PM September 8, 2023. Such requests or protests must state the reasons for the request or protest and any proposed changes to the solicitation provisions and specifications and contract terms and conditions.

Failure to file a protest by this time will be deemed a waiver of any claim by a respondent. The District will issue a written disposition of each such protest no less than three (3) business days before proposals are due. If the District upholds the protest, in whole or in part, the District may, in its sole discretion, issue an addendum reflecting its disposition or take other appropriate action.

Change or Modification:

Any change or modification to the specifications or the procurement process will be in the form of an addendum to the RFP and will be made available to all firms via email from the Contract Administrator. No information received in any manner different than as described herein will serve to change the RFP in any way, regardless of the source of the information. Any request for clarification or change or protest of anything contained in an addendum must be received by the date and time stated in the addendum, or they will not be considered.

Selection Protests:

Any respondent to this RFP who claims to have been adversely affected or aggrieved by the selection of a competing respondent may submit a written protest of the selection to the Contract Administrator at the following address within seven days after notification of that selection:

Kara Flath
Chief Financial Officer
North Wasco County School District #21
3632 West 10th Street, The Dalles, OR 97058
Phone: 541-506-3424
Email: flathk@nwasco.k12.or.us

Any such protests received by the Contract Administrator after the seven days will not be considered. The protest must state clearly the basis (or bases) for the protest and any legal authority in support thereof. At the request of the protester, a hearing will be conducted before District staff. At such hearing, the protester and other interested parties will have the opportunity to appear and make an oral presentation of the basis for protest. The Director of Business Services will either uphold or deny the protest. If the protest is denied, the District will proceed to award the Contract as planned. The selection decision notification will be made by the Contract Administrator via email.

Proprietary Information:

The District will retain this RFP and one copy of each original response received, together with copies of all documents pertaining to the award of a contract. These documents will be made part of a file or record, which will be open to public inspection after responder selection and award is announced. If a response contains any information that is considered a trade secret under ORS 192.501(2), mark each sheet with the following legend: "This data constitutes a trade secret under ORS 192.501(2), and must not be disclosed except in accordance with the Oregon Public Records Law, ORS Chapter 192."

The Oregon Public Records Law exempts from disclosure only bone fide trade secrets, and the exception from disclosure applies only "unless the public interest requires disclosure in the particular

instance". Therefore, non-disclosure of documents or any portion of a document submitted as part of a response may depend upon official or judicial determination made pursuant to the Public Records Law.

In order to facilitate public inspection of the non-confidential portion of the response, material designated as confidential must accompany the response, but must be readily separable from it. Prices, makes, model or catalog numbers of items offered, scheduled delivery dates, and terms of payment will be publicly available regardless of any designation to the contrary. Any response marked as a trade secret in its entirety will be considered non-responsive and will be rejected.

Project Contract:

The District is seeking to award a contract to an engineering firm for programming, schematic design, design development, construction documents, bidding, and construction phases. The successful proposer is required to provide and execute a contract satisfactory to the District. Exhibit C includes a copy of the draft "Professional Services Contract".

Certification of Compliance with Tax Laws:

By submission of your proposal, the signatory (a duly authorized representative of the submitting firm) must certify that the firm is not, to the best of their knowledge, in violation of any Oregon tax law. For purpose of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 and 403.200 to 403.250, ORS Chapters 118, 314, 316, 317, 318, 321 and 323; the elderly rental assistance program under ORS 310.630 to 310.706; and local taxes administered by the Oregon Department of Revenue under ORS 305.620.

Insurance Provisions:

During the term of the resulting contract, the successful proposer will be required to maintain in full force, at its own expense, from insurance companies authorized to transact business of insurance in the state of Oregon, each insurance coverage/policy as set forth in the contract.

ESB/MBE/WBE:

The District is committed to increasing opportunities for Emerging Small Businesses and Minority and Women Owned Businesses, and the District strongly encourages its consultants to utilize these businesses in providing services and materials for the District contracts and projects.

Additional Requirements:

Pursuant to OAR 580-061, by submitting a proposal, the proposer certifies that the proposer has not discriminated against Minority, Women or Emerging Small Business Enterprises in obtaining any required subcontracts.

Pursuant to OAR 580-061-0040, Proposers are hereby notified that policies applicable to consultants and contractors have been adopted that prohibit sexual harassment and that proposers and their employees are required to adhere to the District's policy prohibiting sexual harassment in their interactions.

Exhibits:

Exhibit A - Structural Seismic Evaluation Report (including Preliminary Rehabilitation Drawings) prepared by ZCS Engineering & Architecture – Chenowith Elementary School

End of RFP

Exhibit A - Structural Seismic Evaluation Report (including Preliminary Rehabilitation Drawings) prepared by ZCS Engineering & Architecture – Chenowith Elementary School

Seismic Evaluation Report For:

CHENOWITH ELEMENTARY SCHOOL

922 Chenowith Loop Rd, The Dalles, OR 97058
North Wasco School District

Prepared By:
ZCS Engineering & Architecture
Matthew R. Smith, PE, SE, Principal
524 Main Street, Suite 2, Oregon City, OR 97045
T: 503.659.2205 | E: MattS@zcsea.com

ZCS ENGINEERING ARCHITECTURE

Project Summary Information						
Building Part	Building Part Name	Included in Retrofit	Year Built	Building Type***	Nonstructural Retrofits Included in Scope Y/N***	Previous Seismic Retrofit Y/N*** (Year if Yes)
A	Cafeteria	Y	1961	C2a	Y	N
B	Gymnasium	Y	1993	PC1	Y	N
C	Classroom	N				
D	Classroom & Library	N				
*** Entries required **ONLY** for building parts included in proposed seismic retrofit						
Nonstructural deficiencies posing life safety risk **MUST** be included in the scope of work and budget.						
Seismic fragility inputs for existing buildings with **previous seismic retrofits MUST** be adjusted to reflect previous seismic retrofit measures completed for a building part.						
Total Retrofit Cost	$2,499,956.00					
Retrofit Square Feet	18000 S.F.					
Retrofit Cost per Square Foot	$138.89					
Is the campus within a tsunami, FEMA flood zone, landslide/slope instability, liquefaction potential or other high hazard area? **If so, provide documentation.**						**Liquefaction, See Dogami Maps**

Engineering Report Checklist		
☒	Engineering Report Cover Page	
☒	Project Summary Page	Page 1
☒	Building Parts Identification	Page 4
☒	Statement of the Performance Objective	Page 6
	Summary of Deficiencies	
☒	Structural Seismic Deficiencies	Page 10
☒	Nonstructural Seismic Deficiencies	Page 11
	Summary of Mitigation/Retrofit	
☒	Structural Mitigation/Retrofit	Page 10
☒	Nonstructural Mitigation/Retrofit	Page 11
	Summary Construction Cost Estimate	
☒	Direct Cost	Page 13
☒	Indirect Soft Cost	Page 13
☒	Certification Statement by Engineer	Page 14
	ASCE 41-17 Tier 1 Checklist	
☒	Basic Configuration Checklist	Appendix B
☒	Building System Structural Checklist	Appendix B
☒	Nonstructural Checklist	Appendix B
☒	**Retrofit Drawings & Sketches**	Appendix C
☒	**DOGAMI or Geotechnical Report**	Appendix D
☒	**Itemized Construction Cost Estimate**	Appendix E
☒	**Rapid Visual Screening**	Appendix F

1.0 Project Introduction

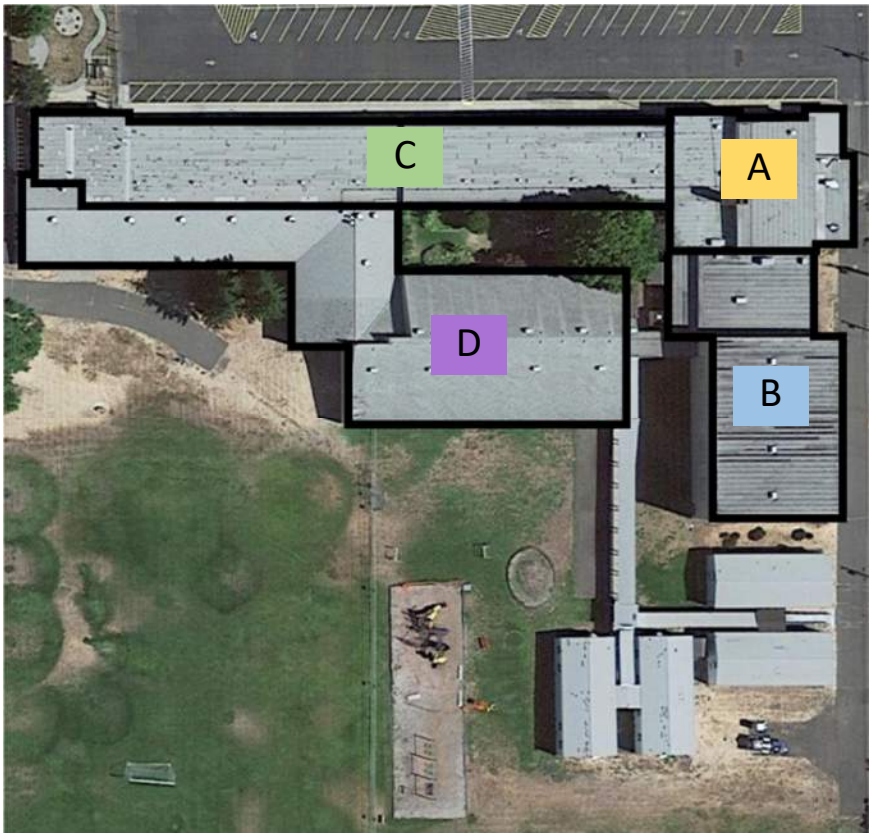
North Wasco County School District is located in The Dalles, Oregon in Wasco County. The District operates 7 schools located within the community including the property of interest, Chenowith Elementary School. The District has retained ZCS Engineering and Architecture (ZCS) to perform a seismic evaluation of Chenowith Elementary School that provides the District with an objective, comprehensive analysis of the condition of the building's seismic resisting systems. The purpose of the evaluation is to determine the seismic lateral resisting system deficiencies when compared to buildings designed using modern building codes. This evaluation was performed in accordance with the American Society of Civil Engineers "Seismic Rehabilitation of Existing Buildings ASCE/SEI 41-17".

SEISMIC EVALUATION SNAPSHOT	
Street Address	922 Chenowith Loop Rd, The Dalles, OR 97058
Evaluation Standard	ASCE 41-17 (Tier 1 Analysis)
Target Building Performance Level	Life Safety – BSE – 2E , Immediate Occupancy – BSE – 1E
Target Non-Structural Performance Level	Position Retention – BSE – 2E , Hazards Reduced – BSE – 1E
ASCE 41 Building Type	C2a, PC1
Site Soil Classification	D
Seismic Zone Hazard Level	Moderately High
Cost Estimate	$2,499,956.00

2.0 Building Description

The cafeteria, building A, was constructed in 1961 and is approximately 6,500 square-feet. The cafeteria is a one-story cast in place concrete structure with a straight sheathed roof diaphragm supported by sawn lumber joists and glulam beams. The exterior walls are reinforced concrete. The interior walls are a combination of reinforced concrete and 2x wood walls with gypsum wallboard. The foundation and floor system consist of slab on grade and continuous strip footings along with concrete stem walls.

They gymnasium, building B, was constructed in 1993 and is approximately 11,500 square-feet. The gymnasium is a one-story precast concrete tilt-up structure with a wood structural panel sheathed roof diaphragm supported by engineered wood I-joists and glulam beams. The exterior walls are reinforced precast concrete. The foundation and floor system consist of slab on grade and continuous strip footings along with concrete stem walls. Photographs of the building parts included in this report are located in Appendix A.



A
Construction Year: 1961
Building Name: Cafeteria
Construction Type: C2a
In scope: Yes

B
Construction Year: 1993
Building Name: Gymnasium
Construction Type: PC1
In scope: Yes

C
Construction Year: 1961
Building Name: Classrooms
Construction Type: C2a
In scope: No

D
Construction Year: 1993
Building Name: Classroom & Library
Construction Type: C2a
In scope: No

Figure 1
Chenowith Elementary School Key Plan

3.0 Definition of Building Types

After reviewing the facility and the existing drawings we have determined the lateral systems are defined as C2a and PC1. Per ASCE 41-17 the subject structure's lateral system is defined as:

Concrete Shear Walls C2- These buildings have floor and roof framing that consists of cast-in-place concrete slabs, concrete beams, one-way joists, two-way waffle joists, or flat slabs. Buildings may also have steel beams, columns, and concrete slabs for the gravity framing. Floors are supported on concrete columns or bearing walls. Seismic forces are resisted by cast-in-place concrete shear walls. In older construction, shear walls are lightly reinforced but often extend throughout the building. In more recent construction, shear walls occur in isolated locations, are more heavily reinforced, and have concrete slabs that are stiff relative to the walls. The foundation system may consist of a variety of elements.

C2a (with flexible diaphragms) – These buildings are similar to C2 buildings, except that diaphragms consist of wood sheathing, or have large aspect ratios, and are flexible relative to the walls.

Precast or Tilt-Up Concrete Shear Walls PC1 - These buildings have precast concrete perimeter wall panels and often, interior walls, that are typically cast on site and tilted into place. The panels are interconnected by weldments, cast-in-place concrete pilasters, or collector elements. Floor and roof framing consists of wood joists, glulam beams, steel beams, or open web joists. Framing is supported on interior steel or wood columns and perimeter concrete bearing walls. The floors and roof consist of wood sheathing or untopped metal deck. Seismic forces are resisted by the precast concrete perimeter wall panels. Wall panels are permitted to be solid or have large window and door openings that cause the panels to behave more as frames than as shear walls. In older construction, wood framing is attached to the walls with wood ledgers. The roof framing is permitted to have tension-capable connections between elements. The foundation system is permitted to consist of a variety of elements.

4.0 Seismic Evaluation Methodology

The subject structure was evaluated using information gathered from site observations, available historic construction documents, and interviews with District staff. This information was then utilized to perform a structural evaluation as outlined in the American Society of Civil Engineer's "Seismic Evaluation and Retrofit of Existing Buildings – ASCE 41-17" (ASCE 41-17). ASCE 41-17 is referenced as the standard for seismic evaluations of existing buildings by the International Existing Building Code (IEBC) which is referenced by the Oregon Structural Specialty Code (OSSC). Further, ASCE 41-17 is the evaluation tool required by the Seismic Rehabilitation Grant Program for grant applications.

ASCE 41-17 provides several levels of evaluation (Tiers 1-3) depending on the level of evaluation and/or retrofit being performed. The Tier 1 evaluation is a quick checklist selected based on the type of construction and the performance objective of the building and is the baseline tool for preliminary seismic evaluations. In the case of this evaluation, a Tier 1 was performed to identify the likely structural deficiencies requiring retrofit to meet the performance objective stated below.

The OSSC classifies buildings into risk categories based on the type of building and occupancy type. The building's risk category informs the required performance objective post retrofit. Risk categories I and II cover low risk structures. Risk category III includes school buildings that are not required to be used as emergency shelters and are relatively low occupancy. Risk category IV includes emergency service buildings and school buildings that are required to be designed as emergency shelters (high occupancy spaces). Figure 2, below, identifies the performance objective for each risk category.

The primary objective of the adjusting performance objectives relative to risk category is to ensure that the subject building is capable of performing in the necessary manner following a seismic event. In the case of a risk category III building, the intention is to ensure that the building is adequately stable following an earthquake to provide egress for occupants out of the building. Prior to reoccupation, the building would need evaluated and significant structural damage preventing reoccupation may be present. For risk category IV structures, the intent is that the building can be inspected then immediately reoccupied following a seismic event to function in its intended role as an emergency service building or as a high occupancy space capable of acting as an emergency structure.

In accordance with the table below, these sections A and B of this building are categorized as a risk category IV structures and were evaluated to meet the Life Safety structural performance and Hazards Reduced nonstructural performance level for BSE-2E loading and the Immediate Occupancy structural performance and Position Retention nonstructural performance level for BSE-1E loading.

Table 2-2. Scope of Assessment Required for Tier 1 and Tier 2 with the Basic Performance Objective for Existing Buildings (BPOE)

Risk Category	Tier 1 and 2[a]	
	BSE-1E	BSE-2E
I and II	Not evaluated	Collapse Prevention Structural Performance
	Life Safety Nonstructural Performance (3-C)	Hazards Reduced Nonstructural Performance[b] (5-D)
III	Not evaluated	Limited Safety Structural Performance[c]
	Position Retention Nonstructural Performance (2-B)	Hazards Reduced Nonstructural Performance[b] (4-D)
IV	Immediate Occupancy Structural Performance	Life Safety Structural Performance[d]
	Position Retention Nonstructural Performance (1-B)	Hazards Reduced Nonstructural Performance[b] (3-D)

[a] For Tier 1 and 2 assessments of Risk Categories I–III, Structural Performance for the BSE-1E is not explicitly evaluated.
[b] Compliance with ASCE 7 provisions for new construction is deemed to comply.
[c] For Risk Category III, the Tier 1 screening checklists shall be based on the Collapse Prevention Performance Level (S-5), except that checklist statements using the Quick Check procedures of Section 4.4.3 shall be based on M_s factors taken as the average of the values for Life Safety and Collapse Prevention.
[d] For Risk Category IV, the Tier 1 screening checklists shall be based on the Collapse Prevention Performance Level (S-5), except that checklist statements using the Quick Check procedures of Section 4.4.3 shall be based on M_s factors for Life Safety.

Figure 2

Building Performance Objectives

Source: Table 2-2, ASCE 41-17: American Society of Civil Engineers – Seismic Evaluation and Retrofit of Existing Buildings

5.0 Seismicity

Seismic design is based on site specific parameters that relate to the location of the building relative to faults and the soil that supports the building. The United States Geologic Survey has developed seismic design data that is utilized to perform the calculations specified in ASCE 41-17. The table below summarizes the factors appropriate for computing the seismic lateral loads for the design earthquake specified in ASCE 41-17.

SITE SPECIFIC SEISMICITY	
Soil Density	Stiff Soil
ASCE 7-16 Soil Classification	D
BSE-1E:	
S_{xs}	0.227
S_{x1}	0.138
BSE-2E:	
S_{xs}	0.503
S_{x1}	.0343
Soil Condition Amplification Factors (F_V, F_A)	F_v = 2.302 - F_a = 1.539
ASCE 41 Site Seismicity	Moderately High

Source: SEAOC and OSHPD Seismic Design Maps, https://seismicmaps.org/

6.0 Site Specific Hazards

Site specific hazards were assessed as part of our engineering evaluation. The hazards evaluated in our analysis included liquefaction, slope failure, surface fault rupture and tsunami potential. These potential hazards were evaluated using ASCE 41-17 guidelines, as well as information provided by the online Oregon HazVu: Statewide Geohazards Viewer, maintained by the Department of Geology and Mineral Industries (DOGAMI). Tsunami risk was evaluated using the ASCE Tsunami Hazard Tool. Results from the HazVu analysis are included in Appendix D. Unless noted below, the hazards listed above are not present at the site.

Liquefaction

This project is located within a liquefaction hazard area as identified by the DOGAMI Oregon HazVu. Due to the severity of the hazard and our knowledge of the local subsurface conditions, we have included mitigation for the hazard within the scope of the retrofit.

7.0 Deficiencies and Repairs

The table below summarizes both the structural and nonstructural deficiencies noted in the Tier 1 evaluation and states both the proposed retrofit methodology and the plan key note that corresponds to the scope items in the preliminary plans and the cost estimate. See Appendix B for complete Tier 1 check sheets. Drawings illustrating the proposed retrofit measures are attached in Appendix C.

Tier 1 Deficiency Description	Deficiency Statement	Repair Statement	Plan Key Note
LOAD PATH	The structure does not contain a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation.	Provide a complete, well-defined load path by installing new elements and connections as needed to transfer inertial forces from all elements of the building to the foundation.	S1
ADJACENT BUILDINGS	The clear distance between the building being evaluated and any adjacent building is less than 0.5% of the height of the shorter building in low seismicity, 1.0% in moderate seismicity, and 3.0% in high seismicity.	Provide seismic isolation joint to avoid pounding of the taller structure into the lower structure. Provide all new gravity framing and lateral resisting elements as necessary to provide building separation.	S2
LIQUEFACTION	Liquefaction-susceptible, saturated, loose granular soils that could jeopardize the buildings seismic performance exist in the foundation soils at the depths within 50 ft under the building.	Provide deep foundations solutions to depths per geotechnical report. Provide new grade beams and/or pile caps as required for deep foundations.	S3
WALL ANCHORAGE AT FLEXIBLE DIAPHRAGMS	Exterior concrete or masonry walls that are dependent on flexible diaphragms for lateral support are not anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections have strength to resist the connection force calculated in the Quick Check procedure of Section 4.4.3.7.	Install new out-of-plane anchorage.	S4
TRANSFER TO SHEAR WALLS	Diaphragms are not connected for transfer of loads to the shear walls, or the connections are not able to develop the lesser of the shear strength of the walls or diaphragms.	Install new hardware for transfer of seismic forces from diaphragm to shear walls.	S5
CROSS TIES	There are not continuous cross ties between diaphragm chords.	Provide new continuous cross ties between diaphragm chords.	S6

SPANS	Not all wood diaphragms with spans greater than 12 ft consist of wood structural panels or diagonal sheathing.	Install new plywood diaphragm sheathing.	S7
DIAGONALLY SHEATHED AND UNBLOCKED DIAPHRAGMS	Not all diagonally sheathed or unblocked wood structural panel diaphragms have horizontal spans less than 30 ft or aspect ratios less than or equal to 3-to-1.	Install new blocked plywood diaphragm.	S8
WALL ANCHORAGE	Exterior concrete or masonry walls that are dependent on the diaphragm for lateral support are not anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections do not have strength to resist the connection force calculated in the Quick Check procedure of Section 4.4.3.7.	Install new out-of-plane anchorage.	S9
WOOD LEDGERS	The connection between the wall panels and the diaphragm induces cross-grain bending or tension in the wood ledgers.	Install new out-of-plane anchorage.	S10
PANEL-TO-PANEL CONNECTIONS	Adjacent wall panels are not interconnected to transfer overturning forces between panels by methods other than welded steel inserts.	Install new hardware to interconnect each precast wall panel to ensure adequate transfer of overturning panels between panels.	S11
WALL THICKNESS	Thicknesses of bearing walls are less than 1/25 the unsupported height or length, whichever is shorter, or less than 4in.	Provide FRP in select locations to reduce unsupported length.	S12
EMERGENCY POWER	Equipment used to power or control Life Safety systems is not anchored or braced.	Anchor and brace equipment used to power or control Life Safety system.	N1
EMERGENCY LIGHTING	Emergency and egress lighting equipment is not anchored or braced.	Anchor and brace emergency and egress lighting equipment.	N2
URM CHIMNEYS	Unreinforced masonry chimneys extend above the roof surface more than the following: for Life Safety in Low or Moderate Seismicity, 3 times the least dimension of the chimney; for Life Safety in High Seismicity and for Position Retention in any seismicity, 2 times the least dimension of the chimney.	Demolish existing unreinforced masonry chimneys down to 4 ft max above the roof level. Provide new sheet metal flue if required.	N3
TALL NARROW CONTENTS	Contents more than 6 ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 are not anchored to the structure or to each other.	Anchor contents to the structure.	N4

FALL-PRONE CONTENTS	Equipment, stored items, or other contents weighing more than 20lb whose center of mass is more than 4 ft above the adjacent floor level are not braced or otherwise restrained.	Brace equipment to structure.	N5
TALL NARROW EQUIPMENT	Equipment more than 6ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 is not anchored to the floor slab or adjacent structural walls.	Anchor equipment more than 6ft high with a height-to-depth or height-to-width ratio greater than 3-to-1 to the floor slab or adjacent structural walls.	N6
FLEXIBLE COUPLINGS	Fluid and gas piping does not have flexible couplings.	Install flexible couplings for fluid and gas piping.	N7

In addition to the structural and nonstructural deficiencies noted above, the gravity load resisting system was reviewed to identify obvious insufficient gravity components. Insufficient gravity elements can cause failure during seismic events. These gravity deficiencies are based on visual observations of the existing structural elements. No formal structural analysis was performed during this evaluation of the gravity resisting element.

The gravity resisting system was found to be in good general condition based on the visual observations performed. No known gravity deficiencies were observed.

Based upon ZCS's previous experience and discussions with site personnel the buildings contains hazardous materials. These materials will need to be dealt with on a case-by-case basis as they are encountered during the project.

8.0 Preliminary Construction Cost Estimate

The attached engineer's opinion of probable cost has been developed by ZCS. ZCS has a successful record of completing seismic rehabilitation projects within the State of Oregon. The prices provided in the attached cost estimate have been developed using the extensive list of past projects as a baseline for this project. These prices are based on Oregon BOLI wage rates. The cost estimate is broken down into multiple line items associated with each major task (general conditions, foundation, structural steel, MEP, etc) associated with the rehabilitation. Additional line items are included for design associated permit costs, and owner construction management. A complete breakdown of the cost estimate can be found in Appendix E.

DIRECT COST	
Construction	$1,856,600.00
Engineering	$298,000.00
Construction Management	$ 62,400.00
Relocation	$27,400.00
Construction Contingency	$255,556.00
TOTALS AND SUMMARY	
Total Cost Estimate	**$2,499,956.00**
Match Funds	**$0.00**
Total Amount Requested from SRGP	**$2,499,956.00**
Total Area	**18,000 S.F.**
Cost/Square Foot	**$138.89**

9.0 Conclusion and Certification Statement

The findings described in this report have been limited to the lateral force-resisting structural system and general assessment of the gravity force-resisting elements. Based on our visual observations, we find the structure to be in relatively good condition and generally safe for occupancy. No significant damage to the existing structural system was discovered.

Given the current condition of the structure, the current code section on existing buildings does not mandate that upgrades are required unless the building is scheduled for repairs, alterations, additions, or change in occupancy. To clarify, upgrades outlined in this report are strictly at the discretion of the District.

Please contact our office if you would like to discuss our findings. Please review the attached schematic drawings that can be used to refine a scope and budget.

Certification Statement

ZCS Engineering & Architecture's professional staff has reviewed the subject building and the deficiencies noted in the Tier 1 evaluation, developed seismic retrofit solutions to rectify the deficiencies, and developed the engineering cost estimate. The project cost estimate was developed by ZCS based on unit costs from our extensive list of past seismic retrofit projects as a baseline. We certify to the best of our knowledge, based on known and readily identifiable existing conditions, that all the seismic deficiencies present in the building are included in the retrofit scope of work and that all the retrofit's scope of work elements are included in the cost estimate.

Matthew R. Smith, PE, SE

Appendix A: Figures

Figure 1: NORTHEAST ELEVATION

Figure 2: NORTH ELEVATION

Figure 3: EAST ELEVATION

Figure 4: SOUTH WEST ELEVATION

Figure 5: CAFETERIA INTERIOR

Figure 6: GYMNASIUM INTERIOR

Appendix B:
Tier 1 Check Sheets

ASCE 41-17 Tier 1 Checklists

FIRM:	ZCS ENGINEERING AND ARCHITECTURE
PROJECT NAME:	CHENOWITH ELEMENTARY SCHOOL SEISMIC REHABILITATION
SEISMICITY LEVEL:	HIGH
PROJECT NUMBER:	P-2736-21
COMPLETED BY:	MARK SMITH, PE
DATE COMPLETED:	11/18/2022
REVIEWED BY:	MATT SMITH, PE, SE
REVIEW DATE:	December 2022

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

17.1.2IO Basic Configuration Checklist

Table 17-3. Immediate Occupancy Basic Configuration Checklist

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Very Low Seismicity							
Building System—General							
C	**NC**	**N/A**	**U**	LOAD PATH: The structure contains a complete, well-defined load path, including structural elements and connections, that serves to transfer the inertial forces associated with the mass of all elements of the building to the foundation.	5.4.1.1	A.2.1.1	TOP OF WALLS NOT CONNECTED TO DIAPHRAGM FOR OUT OF PLANE LOADS
☐	☒	☐	☐				
C	**NC**	**N/A**	**U**	ADJACENT BUILDINGS: The clear distance between the building being evaluated and any adjacent building is greater than 0.5% of the height of the shorter building in low seismicity, 1.0% in moderate seismicity, and 3.0% in high seismicity.	5.4.1.2	A.2.1.2	ADJACENT BUILDINGS DO NOT MEET THE REQUIRED CLEAR DISTANCE
☐	☒	☐	☐				
C	**NC**	**N/A**	**U**	MEZZANINES: Interior mezzanine levels are braced independently from the main structure or are anchored to the seismic-force-resisting elements of the main structure.	5.4.1.3	A.2.1.3	
☐	☐	☒	☐				
Building System—Building Configuration							
C	**NC**	**N/A**	**U**	WEAK STORY: The sum of the shear strengths of the seismic-force-resisting system in any story in each direction is not less than 80% of the strength in the adjacent story above.	5.4.2.1	A.2.2.2	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	SOFT STORY: The stiffness of the seismic-force-resisting system in any story is not less than 70% of the seismic-force-resisting system stiffness in an adjacent story above or less than 80% of the average seismic-force-resisting system stiffness of the three stories above.	5.4.2.2	A.2.2.3	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	VERTICAL IRREGULARITIES: All vertical elements in the seismic-force-resisting system are continuous to the foundation.	5.4.2.3	A.2.2.4	
☒	☐	☐	☐				

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U				
☐	☐	☒	☐	GEOMETRY: There are no changes in the net horizontal dimension of the seismic-force-resisting system of more than 30% in a story relative to adjacent stories, excluding one-story penthouses and mezzanines.	5.4.2.4	A.2.2.5	
C	**NC**	**N/A**	**U**	MASS: There is no change in effective mass of more than 50% from one story to the next. Light roofs, penthouses, and mezzanines need not be considered.	5.4.2.5	A.2.2.6	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	TORSION: The estimated distance between the story center of mass and the story center of rigidity is less than 20% of the building width in either plan dimension.	5.4.2.6	A.2.2.7	
☐	☐	☒	☐				

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Low Seismicity (Complete the Following Items in Addition to the Items for Very Low Seismicity)							
Geologic Site Hazards							
C	**NC**	**N/A**	**U**	LIQUEFACTION: Liquefaction-susceptible, saturated, loose granular soils that could jeopardize the building's seismic performance do not exist in the foundation soils at depths within 50 ft (15.2 m) under the building.	5.4.3.1	A.6.1.1	SEE DOGAMI HAZVU MAPS
☐	☒	☐	☐				
C	**NC**	**N/A**	**U**	SLOPE FAILURE: The building site is located away from potential earthquake-induced slope failures or rockfalls so that it is unaffected by such failures or is capable of accommodating any predicted movements without failure.	5.4.3.1	A.6.1.2	
☒	☐	☐	☐				
C	**NC**	**N/A**	**U**	SURFACE FAULT RUPTURE: Surface fault rupture and surface displacement at the building site are not anticipated.	5.4.3.1	A.6.1.3	
☒	☐	☐	☐				

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Moderate and High Seismicity (Complete the Following Items in Addition to the Items for Low Seismicity)							
Foundation Configuration							
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	OVERTURNING: The ratio of the least horizontal dimension of the seismic-force-resisting system at the foundation level to the building height (base/height) is greater than $0.6S_a$.	5.4.3.3	A.6.2.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	TIES BETWEEN FOUNDATION ELEMENTS: The foundation has ties adequate to resist seismic forces where footings, piles, and piers are not restrained by beams, slabs, or soils classified as Site Class A, B, or C.	5.4.3.4	A.6.2.2	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

Project Name _____
Project Number _____

17.12IO Structural Checklist for Building Types C2: Concrete Shear Walls with Stiff Diaphragms and C2a: Concrete Shear Walls with Flexible Diaphragms

Table 17-25. Immediate Occupancy Structural Checklist for Building Types C2 and C2a

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Very Low Seismicity							
Seismic-Force-Resisting System							
C ☐	**NC** ☐	**N/A** ☒	**U** ☐	COMPLETE FRAMES: Steel or concrete frames classified as secondary components form a complete vertical-load-carrying system.	5.5.2.5.1	A.3.1.6.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	REDUNDANCY: The number of lines of shear walls in each principal direction is greater than or equal to 2.	5.5.1.1	A.3.2.1.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	SHEAR STRESS CHECK: The shear stress in the concrete shear walls, calculated using the Quick Check procedure of Section 4.4.3.3, is less than the greater of 100 lb/in.^{2} (0.69 MPa) or $2\sqrt{f'_c}$.	5.5.3.1.1	A.3.2.2.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	REINFORCING STEEL: The ratio of reinforcing steel area to gross concrete area is not less than 0.0012 in the vertical direction and 0.0020 in the horizontal direction. The spacing of reinforcing steel is equal to or less than 18 in. (457 mm).	5.5.3.1.3	A.3.2.2.2	
Connections							
C ☐	**NC** ☒	**N/A** ☐	**U** ☐	WALL ANCHORAGE AT FLEXIBLE DIAPHRAGMS: Exterior concrete or masonry walls that are dependent on flexible diaphragms for lateral support are anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections have strength to resist the connection force calculated in the Quick Check procedure of Section 4.4.3.7.	5.7.1.1	A.5.1.1	TOP OF WALL NOT ANCHORED PROPERLY DIAPHRAGM
C ☐	**NC** ☒	**N/A** ☐	**U** ☐	TRANSFER TO SHEAR WALLS: Diaphragms are connected for transfer of loads to the shear walls, and the connections are able to develop the lesser of the shear strength of the walls or diaphragms.	5.7.2	A.5.2.1	WALLS ARE NOT PROPER ATTACHED TO DIAPHRAGM TO TRANSFER IN-PLANE LOADS

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U			
☒	☐	☐	☐	FOUNDATION DOWELS: Wall reinforcement is doweled into the foundation, and the dowels are able to develop the lesser of the strength of the walls or the uplift capacity of the foundation.	5.7.3.4	A.5.3.5
Foundation System						
C	**NC**	**N/A**	**U**	DEEP FOUNDATIONS: Piles and piers are capable of transferring the lateral forces between the structure and the soil.		A.6.2.3
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	SLOPING SITES: The difference in foundation embedment depth from one side of the building to another does not exceed one story.		A.6.2.4
☐	☐	☒	☐			

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Low, Moderate, and High Seismicity (Complete the Following Items in Addition to the Items for Very Low Seismicity)							
Seismic-Force-Resisting System							
C	**NC**	**N/A**	**U**	DEFLECTION COMPATIBILITY: Secondary components have the shear capacity to develop the flexural strength of the components and are compliant with the following items in Table 17-23: COLUMN-BAR SPLICES, BEAM-BAR SPLICES, COLUMN-TIE SPACING, STIRRUP SPACING, and STIRRUP AND TIE HOOKS.	5.5.2.5.2	A.3.1.6.2	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	FLAT SLABS: Flat slabs or plates not part of seismic-force-resisting system have continuous bottom steel through the column joints.	5.5.2.5.3	A.3.1.6.3	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	COUPLING BEAMS: The ends of both walls to which the coupling beam is attached are supported at each end to resist vertical loads caused by overturning. Coupling beams have the capacity in shear to develop the uplift capacity of the adjacent wall.	5.5.3.2.1	A.3.2.2.3	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	OVERTURNING: All shear walls have aspect ratios less than 4-to-1. Wall piers need not be considered.	5.5.3.1.4	A.3.2.2.4	
☒	☐	☐	☐				

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U				
☒	☐	☐	☐	CONFINEMENT REINFORCING: For shear walls with aspect ratios greater than 2-to-1, the boundary elements are confined with spirals or ties with spacing less than $8d_b$.	5.5.3.2.2	A.3.2.2.5	
☒	☐	☐	☐	WALL REINFORCING AT OPENINGS: There is added trim reinforcement around all wall openings with a dimension greater than three times the thickness of the wall.	5.5.3.1.5	A.3.2.2.6	
☒	☐	☐	☐	WALL THICKNESS: Thicknesses of bearing walls are not less than 1/25 the unsupported height or length, whichever is shorter, nor less than 4 in. (101 mm).	5.5.3.1.2	A.3.2.2.7	
Diaphragms (Stiff or Flexible)							
☒	☐	☐	☐	DIAPHRAGM CONTINUITY: The diaphragms are not composed of split-level floors and do not have expansion joints.	5.6.1.1	A.4.1.1	
☐	☐	☒	☐	OPENINGS AT SHEAR WALLS: Diaphragm openings immediately adjacent to the shear walls are less than 15% of the wall length.	5.6.1.3	A.4.1.4	
☐	☐	☒	☐	PLAN IRREGULARITIES: There is tensile capacity to develop the strength of the diaphragm at reentrant corners or other locations of plan irregularities.	5.6.1.4	A.4.1.7	
☐	☐	☒	☐	DIAPHRAGM REINFORCEMENT AT OPENINGS: There is reinforcing around all diaphragm openings larger than 50% of the building width in either major plan dimension.	5.6.1.5	A.4.1.8	
Flexible Diaphragms							
☐	☒	☐	☐	CROSS TIES: There are continuous cross ties between diaphragm chords.	5.6.1.2	A.4.1.2	THERE ARE NOW CONTINUOUS CROSS TIES
☐	☐	☒	☐	STRAIGHT SHEATHING: All straight-sheathed diaphragms have aspect ratios less than 1-to-1 in the direction being considered.	5.6.2	A.4.2.1	
☐	☒	☐	☐	SPANS: All wood diaphragms with spans greater than 12 ft (3.6 m) consist of wood structural panels or diagonal sheathing.	5.6.2	A.4.2.2	SPANSE GREATER THEN 12 FEET CONSIST OF DIAPHRAGMS OTHER THEN WOOD STRUCTURAL PANELS

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U				
☐	☒	☐	☐	DIAGONALLY SHEATHED AND UNBLOCKED DIAPHRAGMS: All diagonally sheathed or unblocked wood structural panel diaphragms have horizontal spans less than 30 ft (9.2 m) and aspect ratios less than or equal to 3-to-1.	5.6.2	A.4.2.3	UNBLOCKED DIAPHRAGM SPANS ARE GREATER THEN 30'
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	NONCONCRETE FILLED DIAPHRAGMS: Untopped metal deck diaphragms or metal deck diaphragms with fill other than concrete consist of horizontal spans of less than 40 ft (12.2 m) and have aspect ratios less than 4-to-1.	5.6.3	A.4.3.1	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	OTHER DIAPHRAGMS: Diaphragms do not consist of a system other than wood, metal deck, concrete, or horizontal bracing.	5.6.5	A.4.7.1	
Connections							
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	UPLIFT AT PILE CAPS: Pile caps have top reinforcement, and piles are anchored to the pile caps; the pile cap reinforcement and pile anchorage are able to develop the tensile capacity of the piles.	5.7.3.5	A.5.3.8	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

Project Name _____
Project Number _____

17.14IO Structural Checklist for Building Types PC1: Precast or Tilt-Up Concrete Shear Walls with Flexible Diaphragms and PC1a: Precast or Tilt-Up Concrete Shear Walls with Stiff Diaphragms

Table 17-29. Immediate Occupancy Structural Checklist for Building Types PC1 and PC1a

Status				Evaluation Statement	Tier 2 Reference	Commentary Reference	Comments
Very Low Seismicity							
Seismic-Force-Resisting System							
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	REDUNDANCY: The number of lines of shear walls in each principal direction is greater than or equal to 2.	5.5.1.1	A.3.2.1.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	WALL SHEAR STRESS CHECK: The shear stress in the precast panels, calculated using the Quick Check procedure of Section 4.4.3.3, is less than the greater of 100 lb/in.^{2} (0.69 MPa) or $2\sqrt{f_c'}$.	5.5.3.1.1	A.3.2.3.1	
C ☒	**NC** ☐	**N/A** ☐	**U** ☐	REINFORCING STEEL: The ratio of reinforcing steel area to gross concrete area is not less than 0.0012 in the vertical direction and 0.0020 in the horizontal direction. The spacing of reinforcing steel is equal to or less than 18 in. (457 mm).	5.5.3.1.3	A.3.2.3.2	
Diaphragms (Stiff or Flexible)							
C ☐	**NC** ☐	**N/A** ☒	**U** ☐	TOPPING SLAB: Precast concrete diaphragm elements are interconnected by a continuous reinforced concrete topping slab with a minimum thickness of 2 in. (51 mm).	5.6.4	A.4.5.1	
Connections							
C ☐	**NC** ☒	**N/A** ☐	**U** ☐	WALL ANCHORAGE: Exterior concrete or masonry walls that are dependent on the diaphragm for lateral support are anchored for out-of-plane forces at each diaphragm level with steel anchors, reinforcing dowels, or straps that are developed into the diaphragm. Connections have strength to resist the connection force calculated in the Quick Check procedure of Section 4.4.3.7.	5.7.1.1	A.5.1.1	TOP OF WALL NOT ANCHORED PROPERLY DIAPHRAGM
C ☐	**NC** ☒	**N/A** ☐	**U** ☐	WOOD LEDGERS: The connection between the wall panels and the diaphragm does not induce cross-grain bending or tension in the wood ledgers.	5.7.1.4	A.5.1.2	CONNECTION DOES INDUCE CROSS-GRAIN BENDING

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U				
☒	☐	☐	☐	TRANSFER TO SHEAR WALLS: Diaphragms are connected for transfer of seismic forces to the shear walls, and the connections are able to develop the lesser of the shear strength of the walls or diaphragms.	5.7.2	A.5.2.1	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	TOPPING SLAB TO WALLS OR FRAMES: Reinforced concrete topping slabs that interconnect the precast concrete diaphragm elements are doweled for transfer of forces into the shear wall or frame elements, and the dowels are able to develop the least of the shear strength of the walls, frames, or slabs.	5.7.2	A.5.2.3	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	GIRDER–COLUMN CONNECTION: There is a positive connection using plates, connection hardware, or straps between the girder and the column support.	5.7.4.1	A.5.4.1	
Foundation System							
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	DEEP FOUNDATIONS: Piles and piers are capable of transferring the lateral forces between the structure and the soil.		A.6.2.3	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	SLOPING SITES: The difference in foundation embedment depth from one side of the building to another does not exceed one story.		A.6.2.4	

Status				**Evaluation Statement**	**Tier 2 Reference**	**Commentary Reference**	**Comments**
Low, Moderate, and High Seismicity (Complete the Following Items in Addition to the Items for Very Low Seismicity)							
Seismic-Force-Resisting System							
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	DEFLECTION COMPATIBILITY FOR RIGID DIAPHRAGMS: Secondary components have the shear capacity to develop the flexural strength of the components.	5.5.2.5.2	A.3.1.6.2	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	WALL OPENINGS: The total width of openings along any perimeter wall line constitutes less than 50% of the length of any perimeter wall when the wall piers have aspect ratios of less than 2-to-1.	5.5.3.3.1	A.3.2.3.3	
C	**NC**	**N/A**	**U**				
☐	☒	☐	☐	PANEL-TO-PANEL CONNECTIONS: Adjacent wall panels are interconnected to transfer overturning forces between panels by methods other than welded steel inserts.	5.5.3.3.3	A.3.2.3.4	PANELS ARE CONNECTED WITH WELDED STEEL INSERTS

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U				
☐	☒	☐	☐	WALL THICKNESS: Thicknesses of bearing walls are not less than 1/25 the unsupported height or length, whichever is shorter, nor less than 4 in. (101 mm).	5.5.3.1.2	A.3.2.3.5	WALL THINKNESS DOES NOT MEET RATIO
Diaphragms							
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	CROSS TIES FOR FLEXIBLE DIAPHRAGMS: There are continuous cross ties between diaphragm chords.	5.6.1.2	A.4.1.2	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	PLAN IRREGULARITIES: There is tensile capacity to develop the strength of the diaphragm at reentrant corners or other locations of plan irregularities.	5.6.1.4	A.4.1.7	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	DIAPHRAGM REINFORCEMENT AT OPENINGS: There is reinforcing around all diaphragm openings larger than 50% of the building width in either major plan dimension.	5.6.1.5	A.4.1.8	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	STRAIGHT SHEATHING: All straight-sheathed diaphragms have aspect ratios less than 1-to-1 in the direction being considered.	5.6.2	A.4.2.1	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	SPANS: All wood diaphragms with spans greater than 12 ft (3.6 m) consist of wood structural panels or diagonal sheathing.	5.6.2	A.4.2.2	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	DIAGONALLY SHEATHED AND UNBLOCKED DIAPHRAGMS: All diagonally sheathed or unblocked wood structural panel diaphragms have horizontal spans less than 30 ft (9.2 m) and aspect ratios less than or equal to 3-to-1.	5.6.2	A.4.2.3	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	OTHER DIAPHRAGMS: Diaphragms do not consist of a system other than wood, metal deck, concrete, or horizontal bracing.	5.6.5	A.4.7.1	
Connections							
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	MINIMUM NUMBER OF WALL ANCHORS PER PANEL: There are at least two anchors from each precast wall panel into the diaphragm elements.	5.7.1.4	A.5.1.3	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	PRECAST WALL PANELS: Precast wall panels are connected to the foundation, and the connections are able to develop the strength of the walls.	5.7.3.4	A.5.3.6	

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U			
☐	☐	☒	☐	UPLIFT AT PILE CAPS: Pile caps have top reinforcement, and piles are anchored to the pile caps; the pile cap reinforcement and pile anchorage are able to develop the tensile capacity of the piles.	5.7.3.5	A.5.3.8
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	GIRDERS: Girders supported by walls or pilasters have at least two ties securing the anchor bolts unless provided with independent stiff wall anchors with strength to resist the connection force calculated in the Quick Check procedure of Section 4.4.3.7.	5.7.4.2	A.5.4.2

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

Project Name _____
Project Number _____

17.19 Nonstructural Checklist

Table 17-38. Nonstructural Checklist

Status				Evaluation Statement[a,b]	Tier 2 Reference	Commentary Reference	Comments
Life Safety Systems							
C	**NC**	**N/A**	**U**	**HR—not required; LS—LMH; PR—LMH**. FIRE SUPPRESSION PIPING: Fire suppression piping is anchored and braced in accordance with NFPA-13.	13.7.4	A.7.13.1	
☐	☐	☐	☒				
C	**NC**	**N/A**	**U**	**HR—not required; LS—LMH; PR—LMH**. FLEXIBLE COUPLINGS: Fire suppression piping has flexible couplings in accordance with NFPA-13.	13.7.4	A.7.13.2	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—not required; LS—LMH; PR—LMH**. EMERGENCY POWER: Equipment used to power or control Life Safety systems is anchored or braced.	13.7.7	A.7.12.1	EMERGENCY POWER NOT ANCHORED
☐	☒	☐	☐				
C	**NC**	**N/A**	**U**	**HR—not required; LS—LMH; PR—LMH**. STAIR AND SMOKE DUCTS: Stair pressurization and smoke control ducts are braced and have flexible connections at seismic joints.	13.7.6	A.7.14.1	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—not required; LS—MH; PR—MH**. SPRINKLER CEILING CLEARANCE: Penetrations through panelized ceilings for fire suppression devices provide clearances in accordance with NFPA-13.	13.7.4	A.7.13.3	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—not required; LS—not required; PR—LMH**. EMERGENCY LIGHTING: Emergency and egress lighting equipment is anchored or braced.	13.7.9	A.7.3.1	LIGHTING NOT BRACED
☐	☒	☐	☐				
Hazardous Materials							
C	**NC**	**N/A**	**U**	**HR—LMH; LS—LMH; PR—LMH**. HAZARDOUS MATERIAL EQUIPMENT: Equipment mounted on vibration isolators and containing hazardous material is equipped with restraints or snubbers.	13.7.1	A.7.12.2	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—LMH; LS—LMH; PR—LMH**. HAZARDOUS MATERIAL STORAGE: Breakable containers that hold hazardous material, including gas cylinders, are restrained by latched doors, shelf lips, wires, or other methods.	13.8.3	A.7.15.1	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—MH; LS—MH; PR—MH**. HAZARDOUS MATERIAL DISTRIBUTION: Piping or ductwork conveying hazardous materials is braced or otherwise protected from damage that would allow hazardous material release.	13.7.3 13.7.5	A.7.13.4	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—MH; LS—MH; PR—MH**. SHUTOFF VALVES: Piping containing hazardous material, including natural gas, has shutoff valves or other devices to limit spills or leaks.	13.7.3 13.7.5	A.7.13.3	
☐	☐	☒	☐				
C	**NC**	**N/A**	**U**	**HR—LMH; LS—LMH; PR—LMH**. FLEXIBLE COUPLINGS: Hazardous material ductwork and piping, including natural gas piping, have flexible couplings.	13.7.3 13.7.5	A.7.15.4	
☐	☐	☒	☐				

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. PIPING OR DUCTS CROSSING SEISMIC JOINTS: Piping or ductwork carrying hazardous material that either crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements.	13.7.3 13.7.5 13.7.6	A.7.13.6

Partitions

C	NC	N/A	U			
☐	☐	☒	☐	**HR—LMH; LS—LMH; PR—LMH**. UNREINFORCED MASONRY: Unreinforced masonry or hollow-clay tile partitions are braced at a spacing of at most 10 ft (3.0 m) in Low or Moderate Seismicity, or at most 6 ft (1.8 m) in High Seismicity.	13.6.2	A.7.1.1
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—LMH; LS—LMH; PR—LMH**. HEAVY PARTITIONS SUPPORTED BY CEILINGS: The tops of masonry or hollow-clay tile partitions are not laterally supported by an integrated ceiling system.	13.6.2	A.7.2.1
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—MH**. DRIFT: Rigid cementitious partitions are detailed to accommodate the following drift ratios: in steel moment frame, concrete moment frame, and wood frame buildings, 0.02; in other buildings, 0.005.	13.6.2	A.7.1.2
C	**NC**	**N/A**	**U**			
☒	☐	☐	☐	**HR—not required; LS—not required; PR—MH**. LIGHT PARTITIONS SUPPORTED BY CEILINGS: The tops of gypsum board partitions are not laterally supported by an integrated ceiling system.	13.6.2	A.7.2.1
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. STRUCTURAL SEPARATIONS: Partitions that cross structural separations have seismic or control joints.	13.6.2	A.7.1.3
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. TOPS: The tops of ceiling-high framed or panelized partitions have lateral bracing to the structure at a spacing equal to or less than 6 ft (1.8 m).	13.6.2	A.7.1.4

Ceilings

C	NC	N/A	U			
☐	☐	☒	☐	**HR—H; LS—MH; PR—LMH**. SUSPENDED LATH AND PLASTER: Suspended lath and plaster ceilings have attachments that resist seismic forces for every 12 ft^2 (1.1 m^2) of area.	13.6.4	A.7.2.3
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—LMH**. SUSPENDED GYPSUM BOARD: Suspended gypsum board ceilings have attachments that resist seismic forces for every 12 ft^2 (1.1 m^2) of area.	13.6.4	A.7.2.3

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. INTEGRATED CEILINGS: Integrated suspended ceilings with continuous areas greater than 144 ft^2 (13.4 m^2) and ceilings of smaller areas that are not surrounded by restraining partitions are laterally restrained at a spacing no greater than 12 ft (3.6 m) with members attached to the structure above. Each restraint location has a minimum of four diagonal wires and compression struts, or diagonal members capable of resisting compression.	13.6.4	A.7.2.2
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. EDGE CLEARANCE: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft^2 (13.4 m^2) have clearances from the enclosing wall or partition of at least the following: in Moderate Seismicity, 1/2 in. (13 mm); in High Seismicity, 3/4 in. (19 mm).	13.6.4	A.7.2.4
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. CONTINUITY ACROSS STRUCTURE JOINTS: The ceiling system does not cross any seismic joint and is not attached to multiple independent structures.	13.6.4	A.7.2.5
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. EDGE SUPPORT: The free edges of integrated suspended ceilings with continuous areas greater than 144 ft^2 (13.4 m^2) are supported by closure angles or channels not less than 2 in. (51 mm) wide.	13.6.4	A.7.2.6
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SEISMIC JOINTS: Acoustical tile or lay-in panel ceilings have seismic separation joints such that each continuous portion of the ceiling is no more than 2,500 ft^2 (232.3 m^2) and has a ratio of long-to-short dimension no more than 4-to-1.	13.6.4	A.7.2.7
Light Fixtures						
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—MH**. INDEPENDENT SUPPORT: Light fixtures that weigh more per square foot than the ceiling they penetrate are supported independent of the grid ceiling suspension system by a minimum of two wires at diagonally opposite corners of each fixture.	13.6.4 13.7.9	A.7.3.2

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C	NC	N/A	U			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. PENDANT SUPPORTS: Light fixtures on pendant supports are attached at a spacing equal to or less than 6 ft. Unbraced suspended fixtures are free to allow a 360-degree range of motion at an angle not less than 45 degrees from horizontal without contacting adjacent components. Alternatively, if rigidly supported and/or braced, they are free to move with the structure to which they are attached without damaging adjoining components. Additionally, the connection to the structure is capable of accommodating the movement without failure.	13.7.9	A.7.3.3
C	**NC**	**N/A**	**U**			
☒	☐	☐	☐	**HR—not required; LS—not required; PR—H**. LENS COVERS: Lens covers on light fixtures are attached with safety devices.	13.7.9	A.7.3.4
Cladding and Glazing						
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. CLADDING ANCHORS: Cladding components weighing more than 10 lb/ft^2 (0.48 kN/m^2) are mechanically anchored to the structure at a spacing equal to or less than the following: for Life Safety in Moderate Seismicity, 6 ft (1.8 m); for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 ft (1.2 m)	13.6.1	A.7.4.1
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—MH**. CLADDING ISOLATION: For steel or concrete moment-frame buildings, panel connections are detailed to accommodate a story drift ratio by the use of rods attached to framing with oversize holes or slotted holes of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02, and the rods have a length-to-diameter ratio of 4.0 or less.	13.6.1	A.7.4.3
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. MULTI-STORY PANELS: For multi-story panels attached at more than one floor level, panel connections are detailed to accommodate a story drift ratio by the use of rods attached to framing with oversize holes or slotted holes of at least the following: for Life Safety in Moderate Seismicity, 0.01; for Life Safety in High Seismicity and for Position Retention in any seismicity, 0.02, and the rods have a length-to-diameter ratio of 4.0 or less.	13.6.1	A.7.4.4

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C	NC	N/A	U			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—MH**. THREADED RODS: Threaded rods for panel connections detailed to accommodate drift by bending of the rod have a length-to-diameter ratio greater than 0.06 times the story height in inches for Life Safety in Moderate Seismicity and 0.12 times the story height in inches for Life Safety in High Seismicity and Position Retention in any seismicity.	13.6.1	A.7.4.9
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. PANEL CONNECTIONS: Cladding panels are anchored out of plane with a minimum number of connections for each wall panel, as follows: for Life Safety in Moderate Seismicity, 2 connections; for Life Safety in High Seismicity and for Position Retention in any seismicity, 4 connections.	13.6.1.4	A.7.4.5
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. BEARING CONNECTIONS: Where bearing connections are used, there is a minimum of two bearing connections for each cladding panel.	13.6.1.4	A.7.4.6
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—MH; LS—MH; PR—MH**. INSERTS: Where concrete cladding components use inserts, the inserts have positive anchorage or are anchored to reinforcing steel.	13.6.1.4	A.7.4.7
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—MH; PR—MH**. OVERHEAD GLAZING: Glazing panes of any size in curtain walls and individual interior or exterior panes more than 16 ft^2 (1.5 m^2) in area are laminated annealed or laminated heat-strengthened glass and are detailed to remain in the frame when cracked.	13.6.1.5	A.7.4.8
Masonry Veneer						
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—LMH; PR—LMH**. TIES: Masonry veneer is connected to the backup with corrosion-resistant ties. There is a minimum of one tie for every 2-2/3 ft^2 (0.25 m^2), and the ties have spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 36 in. (914 mm); for Life Safety in High Seismicity and for Position Retention in any seismicity, 24 in. (610 mm).	13.6.1.2	A.7.5.1
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—LMH; PR—LMH**. SHELF ANGLES: Masonry veneer is supported by shelf angles or other elements at each floor above the ground floor.	13.6.1.2	A.7.5.2
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—LMH; PR—LMH**. WEAKENED PLANES: Masonry veneer is anchored to the backup adjacent to weakened planes, such as at the locations of flashing.	13.6.1.2	A.7.5.3

Legend: C = Compliant, NC = Noncompliant, N/A = Not Applicable, U = Unknown

C	NC	N/A	U			
☐	☐	☒	☐	**HR—LMH; LS—LMH; PR—LMH**. UNREINFORCED MASONRY BACKUP: There is no unreinforced masonry backup.	13.6.1.1 13.6.1.2	A.7.7.2
C	**NC**	**N/A**	**U**	**HR—not required; LS—MH; PR—MH**. STUD TRACKS: For veneer with cold-formed steel stud backup, stud tracks are fastened to the structure at a spacing equal to or less than 24 in. (610 mm) on center.	13.6.1.1 13.6.1.2	A.7.6.1
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	**HR—not required; LS—MH; PR—MH**. ANCHORAGE: For veneer with concrete block or masonry backup, the backup is positively anchored to the structure at a horizontal spacing equal to or less than 4 ft along the floors and roof.	13.6.1.1 13.6.1.2	A.7.7.1
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	**HR—not required; LS—not required; PR—MH**. WEEP HOLES: In veneer anchored to stud walls, the veneer has functioning weep holes and base flashing.	13.6.1.2	A.7.5.6
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	**HR—not required; LS—not required; PR—MH**. OPENINGS: For veneer with cold-formed-steel stud backup, steel studs frame window and door openings.	13.6.1.1 13.6.1.2	A.7.6.2
☐	☐	☒	☐			
Parapets, Cornices, Ornamentation, and Appendages						
C	**NC**	**N/A**	**U**	**HR—LMH; LS—LMH; PR—LMH**. URM PARAPETS OR CORNICES: Laterally unsupported unreinforced masonry parapets or cornices have height-to-thickness ratios no greater than the following: for Life Safety in Low or Moderate Seismicity, 2.5; for Life Safety in High Seismicity and for Position Retention in any seismicity, 1.5.	13.6.5	A.7.8.1
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	**HR—not required; LS—LMH; PR—LMH**. CANOPIES: Canopies at building exits are anchored to the structure at a spacing no greater than the following: for Life Safety in Low or Moderate Seismicity, 10 ft (3.0 m); for Life Safety in High Seismicity and for Position Retention in any seismicity, 6 ft (1.8 m).	13.6.6	A.7.8.2
☐	☐	☒	☐			
C	**NC**	**N/A**	**U**	**HR—H; LS—MH; PR—LMH**. CONCRETE PARAPETS: Concrete parapets with height-to-thickness ratios greater than 2.5 have vertical reinforcement.	13.6.5	A.7.8.3
☒	☐	☐	☐			
C	**NC**	**N/A**	**U**	**HR—MH; LS—MH; PR—LMH**. APPENDAGES: Cornices, parapets, signs, and other ornamentation or appendages that extend above the highest point of anchorage to the structure or cantilever from components are reinforced and anchored to the structural system at a spacing equal to or less than 6 ft (1.8 m). This evaluation statement item does not apply to parapets or cornices covered by other evaluation statements.	13.6.6	A.7.8.4
☒	☐	☐	☐			

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C	NC	N/A	U				
Masonry Chimneys							
☐	☒	☐	☐	**HR—LMH; LS—LMH; PR—LMH**. URM CHIMNEYS: Unreinforced masonry chimneys extend above the roof surface no more than the following: for Life Safety in Low or Moderate Seismicity, 3 times the least dimension of the chimney; for Life Safety in High Seismicity and for Position Retention in any seismicity, 2 times the least dimension of the chimney.	13.6.7	A.7.9.1	URM CHIMNEY EXTENDS ABOVE ROOF SURFACE
☐	☐	☒	☐	**HR—LMH; LS—LMH; PR—LMH**. ANCHORAGE: Masonry chimneys are anchored at each floor level, at the topmost ceiling level, and at the roof.	13.6.7	A.7.9.2	
Stairs							
☐	☐	☒	☐	**HR—not required; LS—LMH; PR—LMH**. STAIR ENCLOSURES: Hollow-clay tile or unreinforced masonry walls around stair enclosures are restrained out of plane and have height-to-thickness ratios not greater than the following: for Life Safety in Low or Moderate Seismicity, 15-to-1; for Life Safety in High Seismicity and for Position Retention in any seismicity, 12-to-1.	13.6.2 13.6.8	A.7.10.1	
☐	☐	☒	☐	**HR—not required; LS—LMH; PR—LMH**. STAIR DETAILS: The connection between the stairs and the structure does not rely on post-installed anchors in concrete or masonry, and the stair details are capable of accommodating the drift calculated using the Quick Check procedure of Section 4.4.3.1 for moment-frame structures or 0.5 in. for all other structures without including any lateral stiffness contribution from the stairs.	13.6.8	A.7.10.2	
Contents and Furnishings							
☐	☐	☒	☐	**HR—LMH; LS—MH; PR—MH**. INDUSTRIAL STORAGE RACKS: Industrial storage racks or pallet racks more than 12 ft high meet the requirements of ANSI/RMI MH 16.1 as modified by ASCE 7, Chapter 15.	13.8.1	A.7.11.1	
☐	☒	☐	☐	**HR—not required; LS—H; PR—MH**. TALL NARROW CONTENTS: Contents more than 6 ft (1.8 m) high with a height-to-depth or height-to-width ratio greater than 3-to-1 are anchored to the structure or to each other.	13.8.2	A.7.11.2	CONTENTS NOT ANCHORED
☐	☒	☐	☐	**HR—not required; LS—H; PR—H**. FALL-PRONE CONTENTS: Equipment, stored items, or other contents weighing more than 20 lb (9.1 kg) whose center of mass is more than 4 ft (1.2 m) above the adjacent floor level are braced or otherwise restrained.	13.8.2	A.7.11.3	CONTENTS NOT ANCHORED

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C	NC	N/A	U			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. ACCESS FLOORS: Access floors more than 9 in. (229 mm) high are braced.	13.6.10	A.7.11.4
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. EQUIPMENT ON ACCESS FLOORS: Equipment and other contents supported by access floor systems are anchored or braced to the structure independent of the access floor.	13.7.7 13.6.10	A.7.11.5
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SUSPENDED CONTENTS: Items suspended without lateral bracing are free to swing from or move with the structure from which they are suspended without damaging themselves or adjoining components.	13.8.2	A.7.11.6
Mechanical and Electrical Equipment						
C	**NC**	**N/A**	**U**			
☒	☐	☐	☐	**HR—not required; LS—H; PR—H**. FALL-PRONE EQUIPMENT: Equipment weighing more than 20 lb (9.1 kg) whose center of mass is more than 4 ft (1.2 m) above the adjacent floor level, and which is not in-line equipment, is braced.	13.7.1 13.7.7	A.7.12.4
C	**NC**	**N/A**	**U**			
☒	☐	☐	☐	**HR—not required; LS—H; PR—H**. IN-LINE EQUIPMENT: Equipment installed in line with a duct or piping system, with an operating weight more than 75 lb (34.0 kg), is supported and laterally braced independent of the duct or piping system.	13.7.1	A.7.12.5
C	**NC**	**N/A**	**U**			
☐	☒	☐	☐	**HR—not required; LS—H; PR—MH**. TALL NARROW EQUIPMENT: Equipment more than 6 ft (1.8 m) high with a height-to-depth or height-to-width ratio greater than 3-to-1 is anchored to the floor slab or adjacent structural walls.	13.7.1 13.7.7	A.7.12.6
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—MH**. MECHANICAL DOORS: Mechanically operated doors are detailed to operate at a story drift ratio of 0.01.	13.6.9	A.7.12.7
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SUSPENDED EQUIPMENT: Equipment suspended without lateral bracing is free to swing from or move with the structure from which it is suspended without damaging itself or adjoining components.	13.7.1 13.7.7	A.7.12.8
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. VIBRATION ISOLATORS: Equipment mounted on vibration isolators is equipped with horizontal restraints or snubbers and with vertical restraints to resist overturning.	13.7.1	A.7.12.9
C	**NC**	**N/A**	**U**			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. HEAVY EQUIPMENT: Floor-supported or platform-supported equipment weighing more than 400 lb (181.4 kg) is anchored to the structure.	13.7.1 13.7.7	A.7.12.10

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C	NC	N/A	U				
☒	☐	☐	☐	**HR—not required; LS—not required; PR—H**. ELECTRICAL EQUIPMENT: Electrical equipment is laterally braced to the structure.	13.7.7	A.7.12.11	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. CONDUIT COUPLINGS: Conduit greater than 2.5 in. (64 mm) trade size that is attached to panels, cabinets, or other equipment and is subject to relative seismic displacement has flexible couplings or connections.	13.7.8	A.7.12.12	
Piping							
C	**NC**	**N/A**	**U**				
☐	☒	☐	☐	**HR—not required; LS—not required; PR—H**. FLEXIBLE COUPLINGS: Fluid and gas piping has flexible couplings.	13.7.3 13.7.5	A.7.13.2	NO FLEXIBLE COUPLINGS
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. FLUID AND GAS PIPING: Fluid and gas piping is anchored and braced to the structure to limit spills or leaks.	13.7.3 13.7.5	A.7.13.4	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. C-CLAMPS: One-sided C-clamps that support piping larger than 2.5 in. (64 mm) in diameter are restrained.	13.7.3 13.7.5	A.7.13.5	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. PIPING CROSSING SEISMIC JOINTS: Piping that crosses seismic joints or isolation planes or is connected to independent structures has couplings or other details to accommodate the relative seismic displacements.	13.7.3 13.7.5	A.7.13.6	
Ducts							
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. DUCT BRACING: Rectangular ductwork larger than 6 ft^2 (0.56 m^2) in cross-sectional area and round ducts larger than 28 in. (711 mm) in diameter are braced. The maximum spacing of transverse bracing does not exceed 30 ft (9.2 m). The maximum spacing of longitudinal bracing does not exceed 60 ft (18.3 m).	13.7.6	A.7.14.2	
C	**NC**	**N/A**	**U**				
☒	☐	☐	☐	**HR—not required; LS—not required; PR—H**. DUCT SUPPORT: Ducts are not supported by piping or electrical conduit.	13.7.6	A.7.14.3	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. DUCTS CROSSING SEISMIC JOINTS: Ducts that cross seismic joints or isolation planes or are connected to independent structures have couplings or other details to accommodate the relative seismic displacements.	13.7.6	A.7.14.4	
Elevators							
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—H; PR—H**. RETAINER GUARDS: Sheaves and drums have cable retainer guards.	13.7.11	A.7.16.1	
C	**NC**	**N/A**	**U**				
☐	☐	☒	☐	**HR—not required; LS—H; PR—H**. RETAINER PLATE: A retainer plate is present at the top and bottom of both car and counterweight.	13.7.11	A.7.16.2	

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C	NC	N/A	U			
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. ELEVATOR EQUIPMENT: Equipment, piping, and other components that are part of the elevator system are anchored.	13.7.11	A.7.16.3
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SEISMIC SWITCH: Elevators capable of operating at speeds of 150 ft/min (0.30 m/min) or faster are equipped with seismic switches that meet the requirements of ASME A17.1 or have trigger levels set to 20% of the acceleration of gravity at the base of the structure and 50% of the acceleration of gravity in other locations.	13.7.11	A.7.16.4
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SHAFT WALLS: Elevator shaft walls are anchored and reinforced to prevent toppling into the shaft during strong shaking.	13.7.11	A.7.16.5
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. COUNTERWEIGHT RAILS: All counterweight rails and divider beams are sized in accordance with ASME A17.1.	13.7.11	A.7.16.6
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. BRACKETS: The brackets that tie the car rails and the counterweight rail to the structure are sized in accordance with ASME A17.1.	13.7.11	A.7.16.7
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. SPREADER BRACKET: Spreader brackets are not used to resist seismic forces.	13.7.11	A.7.16.8
☐	☐	☒	☐	**HR—not required; LS—not required; PR—H**. GO-SLOW ELEVATORS: The building has a go-slow elevator system.	13.7.11	A.7.16.9

[a] Performance Level: HR = Hazards Reduced, LS = Life Safety, and PR = Position Retention.

[b] Level of Seismicity: L = Low, M = Moderate, and H = High.

Appendix C: Schematic Seismic Retrofit Drawings

CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT

PRELIMINARY DESIGN

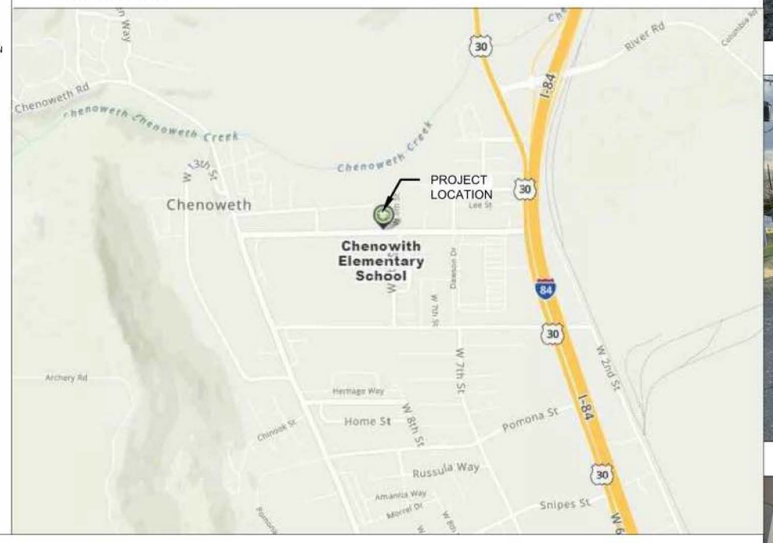
NORTH WASCO COUNTY SCHOOL DISTRICT 21
922 CHENOWITH LOOP RD.
THE DALLES, OR 97058

ABBREVIATIONS

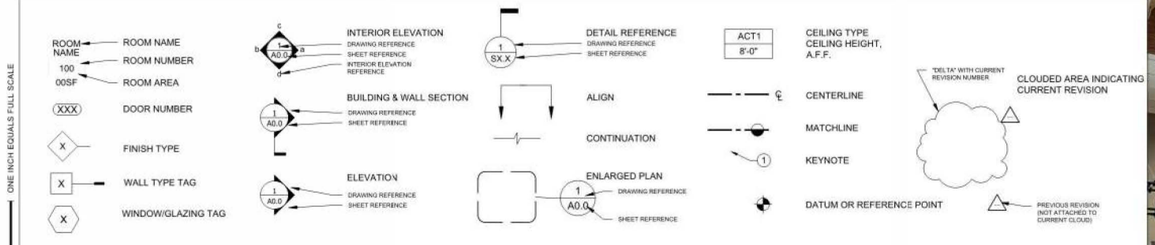
ABBREVIATIONS			
(E)	EXISTING	L.P.	LOW POINT
(N)	NEW	M.C.	MEDICINE CABINET
(R)	REMOVE	M.D.F.	MEDIUM DENSITY FIBERBOARD
A.C.	ASPHALT CONCRETE	M.D.O.	MEDIUM DENSITY OVERLAY
A.C.B.	ACOUSTICAL BOARD	MEMB.	MEMBRANE
A.C.P.	ACOUSTICAL PANEL	MH.	MANHOLE
A.C.T.	ACOUSTICAL CEILING TILE	MIR.	MIRROR
A.D.	AREA DRAIN	M.O.	MASONRY OPENING
ADJ.	ADJUSTABLE	M.P.	MIDPOINT
A.F.	ACCESS FLOORING	M.S.	MACHINE SCREW
AGGR.	AGGREGATE	MTD.	MOUNTED
A. F.	ABOVE FINISHED FLOOR	MUL.	MULLION
BD.	BOARD	NOM.	NOMINAL
BITUM.	BITUMINOUS	N.T.S.	NOT TO SCALE
BKP.	BACKING PLATE	OBS.	OBSCURE
BM.	BEAM	O.C.	ON CENTER
BOT./B.O.	BOTTOM/BOTTOM OF	O.C.D.	OVERHEAD COILING DOOR
C.B.	CATCH BASIN	O.C.G.	OVERHEAD COILING GRILLE
CEM.	CEMENT	O.D.	OUTSIDE DIAMETER
CER.	CERAMIC	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
C.G.	CORNER GUARD	O.F.D.	OVERFLOW DRAIN
C.I.	CAST IRON	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
C.J	CONTROL JOINT	OH.	OPPOSITE HAND
CLG.	CEILING	PL.	PLATE
CLKG.	CAULKING	P.LAM.	PLASTIC LAMINATE
CLO.	CLOSET	PLAS.	PLASTER
CLR.	CLEAR	P.C.P.	PORTLAND CEMENT PLASTER
CMU	CONCRETE MASONRY UNIT	PR.	PAIR
C.O.	CASED OPENING	PTN.	PARTITION
CONN	CONNECTION	R.C.P.	REFLECTED CEILING PLAN
CORR.	CORRIDOR	R.D.	ROOF DRAIN
CPT.	CARPET	RL.	RELOCATE
CTSK.	COUNTERSUNK	R.O.	ROUGH OPENING
C.T.	CERAMIC TILE	RWD.	REDWOOD
CTR.	CENTER	R.W.L.	RAIN WALL LEADER
D.F.	DRINKING FOUNTAIN	REV.	REVERSED
DET.	DETAIL	S.C.	SOLID CORE
DISP.	DISPENSER	S.C.D.	SEE CIVIL DRAWINGS
DR.	DOOR	SHR.	SHOWER
DWR.	DRAWER	S.J.	SCORE JOINT
D.S.	DOWNSPOUT	S.L.D.	SEE LANDSCAPING DRAWINGS
D.S.A.	DRY STANDPIPE	S.M.	SHEET METAL
E.J.	EXPANSION JOINT	S.M.D	SEE MECHANICAL DRAWINGS
EL.	ELEVATION	S.O.G.	SLAB ON GRADE
EXPO.	EXPOSED	S.S.D.	SEE STRUCTURAL DRAWINGS
EXP.	EXPANSION	S.S.	STAINLESS STEEL
F.A.	FIRE ALARM	STR.	STRUCTURAL
FB.	FLAT BAR	S.T.S.	SELF TAPPING SCREW
F.D.	FLOOR DRAIN	SUSP.	SUSPENDED
FDN.	FOUNDATION	TRD.	TREAD
FE	FIRE EXTINGUISHER	T.B.	TOWEL BAR
F.A.	FLAT HEAD	T.C.	TOP OF CURB
F.O.C	FACE OF CONCRETE	T&G.	TONGUE AND GROOVE
F.O.F	FACE OF FINISH	THK.	THICK
F.O.S.	FACE OF STUDS	T.P.	TOP OF PAVEMENT
F.S.	FULL SIZE	T.W.	TOP OF WALL
FTG.	FOOTING	V.I.F.	VERIFY IN FIELD
FUT.	FUTURE	V.T.R.	VENT THROUGH ROOF
G.A.	GAUGE	W.C.	WATER CLOSET
G.L.	GRID LINE	W.O.	WINDOW OPENING
GLB.	GLULAM BEAM		
G.B.	GRAB BAR		
GND.	GROUND		
GYP.	GYPSUM		
G.W.B.	GYPSUM WALL BOARD		
H.B.	HOSE BIBB		
H.C.	HOLLOW CORE		
H.M.	HOLLOW METAL		
J.B.	JUNCTION BOX		
J.O.H.	JAMB OPENING HEIGHT		
J.O.W.	JAMB WIDTH		
JT.	JOINT		
LAM.	LAMINATE		

SHEET INDEX:

VICINITY MAP



SYMBOLS

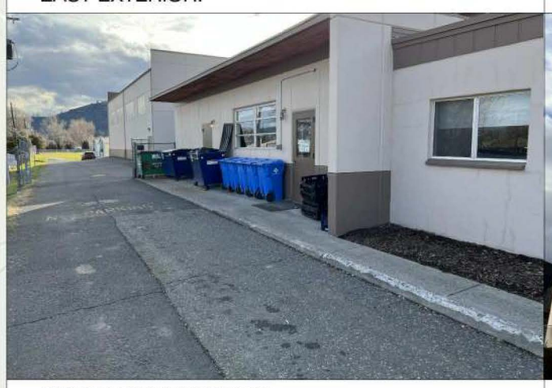


ONE INCH EQUALS FULL SCALE

NORTHEAST EXTERIOR:

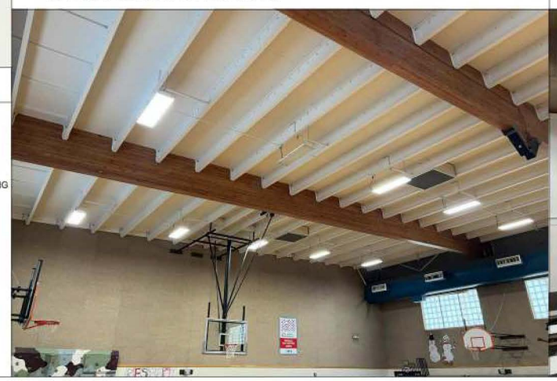
NORTH EXTERIOR:

EAST EXTERIOR:

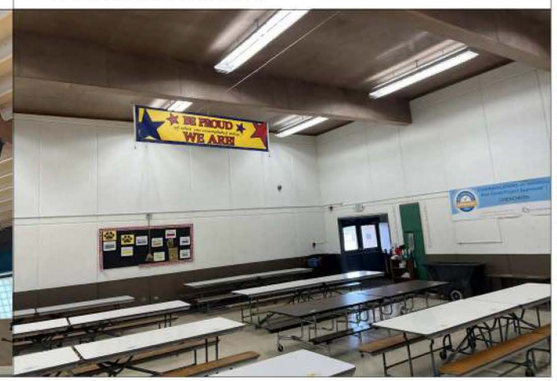


SOUTHEAST EXTERIOR:

GYMNASIUM INTERIOR:



CAFETERIA INTERIOR:



ZCS ENGINEERING ARCHITECTURE
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NORTH WASCO COUNTY SCHOOL DISTRICT 21
3632 W 10th ST.
THE DALLES, OR 97058

CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER OREGON DEC. 08, 2014 STEVEN R. SMITH EXPIRES: 06-30-22

-PRELIMINARY- NOT FOR CONSTRUCTION

REVISION ID:	DATE:

PROJECT NO:	P-2736-21
DRAWN:	MEG
CHECKED:	MRS
DATE:	FEB. 2022

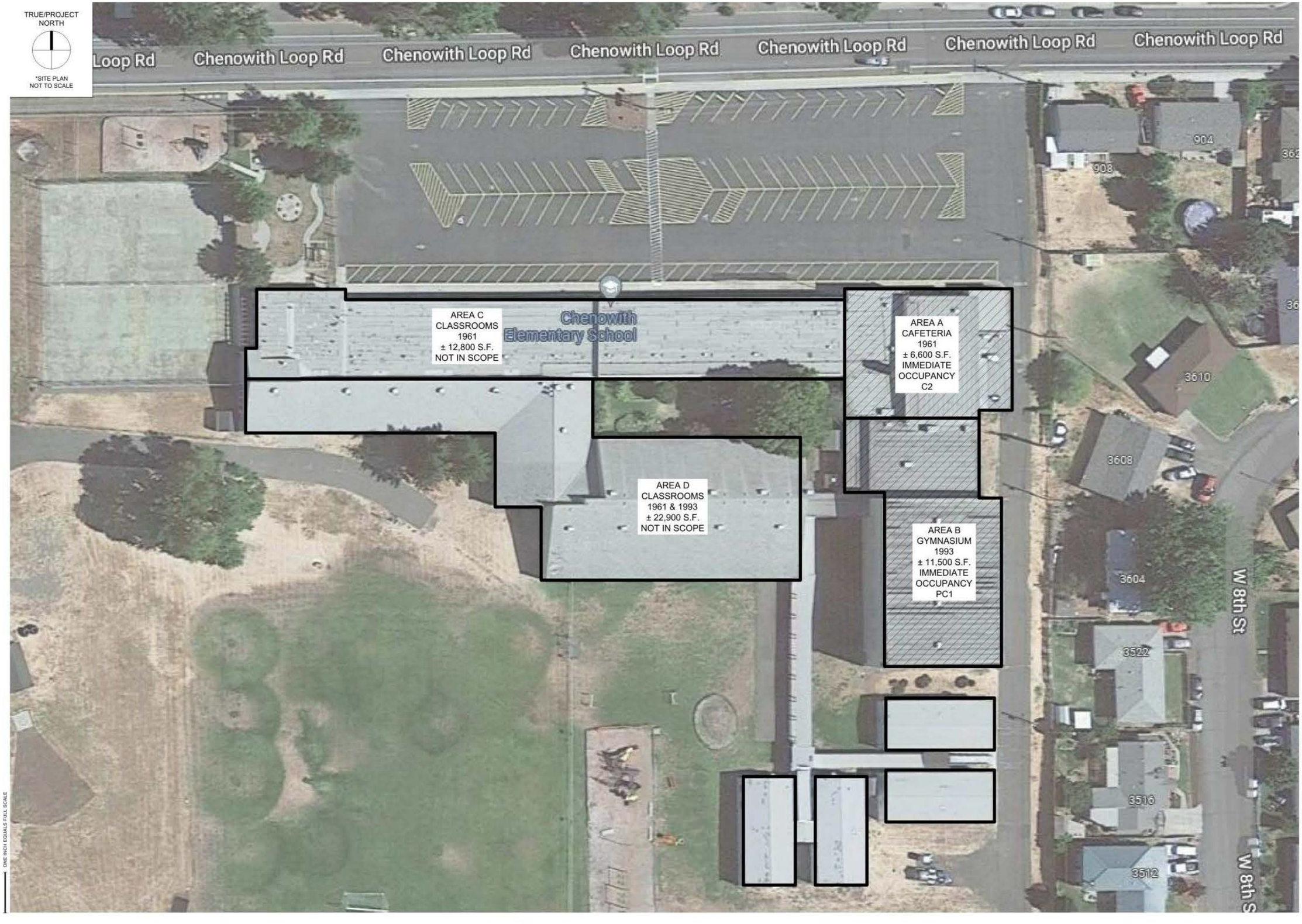
COVER SHEET

G0.0

PRELIMINARY DESIGN

TRUE/PROJECT NORTH

*SITE PLAN NOT TO SCALE



ONE INCH EQUALS FULL SCALE

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ARCHITECTURE
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NORTH WASCO COUNTY
SCHOOL DISTRICT 21
3632 W 10th ST.
THE DALLES, OR 97058

CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 08, 2014
MATTHEW R. SMITH
EXPIRES: 06-30-22

PRELIMINARY-
NOT FOR CONSTRUCTION

△ REVISION ID:	DATE:

PROJECT NO:	P-2736-21
DRAWN:	MEG
CHECKED:	MRS
DATE:	FEB. 2022

BUILDING KEY PLAN

A1.1

PRELIMINARY DESIGN

STRUCTURAL REPAIRS:

S1. PROVIDE A COMPLETE, WELL-DEFINED LOAD PATH BY INSTALLING NEW ELEMENTS AND CONNECTIONS AS NEEDED TO TRANSFER INERTIAL FORCES FROM ALL ELEMENTS OF THE BUILDING TO THE FOUNDATION.
- PROVIDE STRAPPING AT CANOPY AS REQUIRED.

S2. PROVIDE SEISMIC ISOLATION JOINT TO AVOID POUNDING OF THE TALLER STRUCTURE INTO THE LOWER STRUCTURE. PROVIDE ALL NEW GRAVITY FRAMING AND LATERAL RESISTING ELEMENTS AS NECESSARY TO PROVIDE BUILDING SEPARATION.

S3. PROVIDE DEEP FOUNDATIONS SOLUTIONS TO DEPTHS PER GEOTECH REPORT. PROVIDE NEW GRADE BEAMS AND/OR PILE CAPS AS REQUIRED FOR DEEP FOUNDATIONS.

S4. INSTALL NEW OUT-OF-PLANE ANCHORAGE.

S5. INSTALL NEW HARDWARE FOR TRANSFER OF SEISMIC FORCES FROM DIAPHRAGM TO SHEAR WALLS.

S6. PROVIDE NEW CONTINUOUS CROSS TIES BETWEEN DIAPHRAGM CHORDS.

S7. INSTALL NEW PLYWOOD DIAPHRAGM SHEATHING.

S8. INSTALL NEW BLOCKED PLYWOOD DIAPHRAGM.

S9. INSTALL NEW OUT-OF-PLANE ANCHORAGE.

S10. INSTALL NEW OUT-OF-PLANE ANCHORAGE.

S11. INSTALL NEW HARDWARE TO INTERCONNECT EACH PRECAST WALL PANEL TO ENSURE ADEQUATE TRANSFER OF OVERTURNING PANELS BETWEEN PANELS.

S12. PROVIDE FRP IN SELECT LOCATIONS TO REDUCE UNSUPPORTED LENGTH.

NON-STRUCTURAL REPAIRS:

N1. ANCHOR AND BRACE EQUIPMENT USED TO POWER OR CONTROL LIFE SAFETY SYSTEM.

N2. ANCHOR AND BRACE EMERGENCY AND EGRESS LIGHTING EQUIPMENT.

N3. DEMOLISH EXISTING UNREINFORCED MASONRY CHIMNEYS DOWN TO 4 FT MAX ABOVE THE ROOF LEVEL. PROVIDE NEW SHEET METAL FLUE IF REQUIRED.

N4. ANCHOR CONTENTS TO THE STRUCTURE.

N5. BRACE EQUIPMENT TO STRUCTURE.

N6. ANCHOR EQUIPMENT MORE THAN 6FT HIGH WITH A HEIGHT-TO-DEPTH OR HEIGHT-TO-WIDTH RATIO GREATER THAN 3-TO-1 TO THE FLOOR SLAB OR ADJACENT STRUCTURAL WALLS.

N7. INSTALL FLEXIBLE COUPLINGS FOR FLUID AND GAS PIPING.

N8. ANCHOR AND BRACE FLUID AND GAS PIPING TO THE STRUCTURE.

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CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT

STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 08, 2014
MATTHEW R. SMITH
EXPIRES: 06-30-22

PRELIMINARY- NOT FOR CONSTRUCTION

REVISION ID:	DATE:

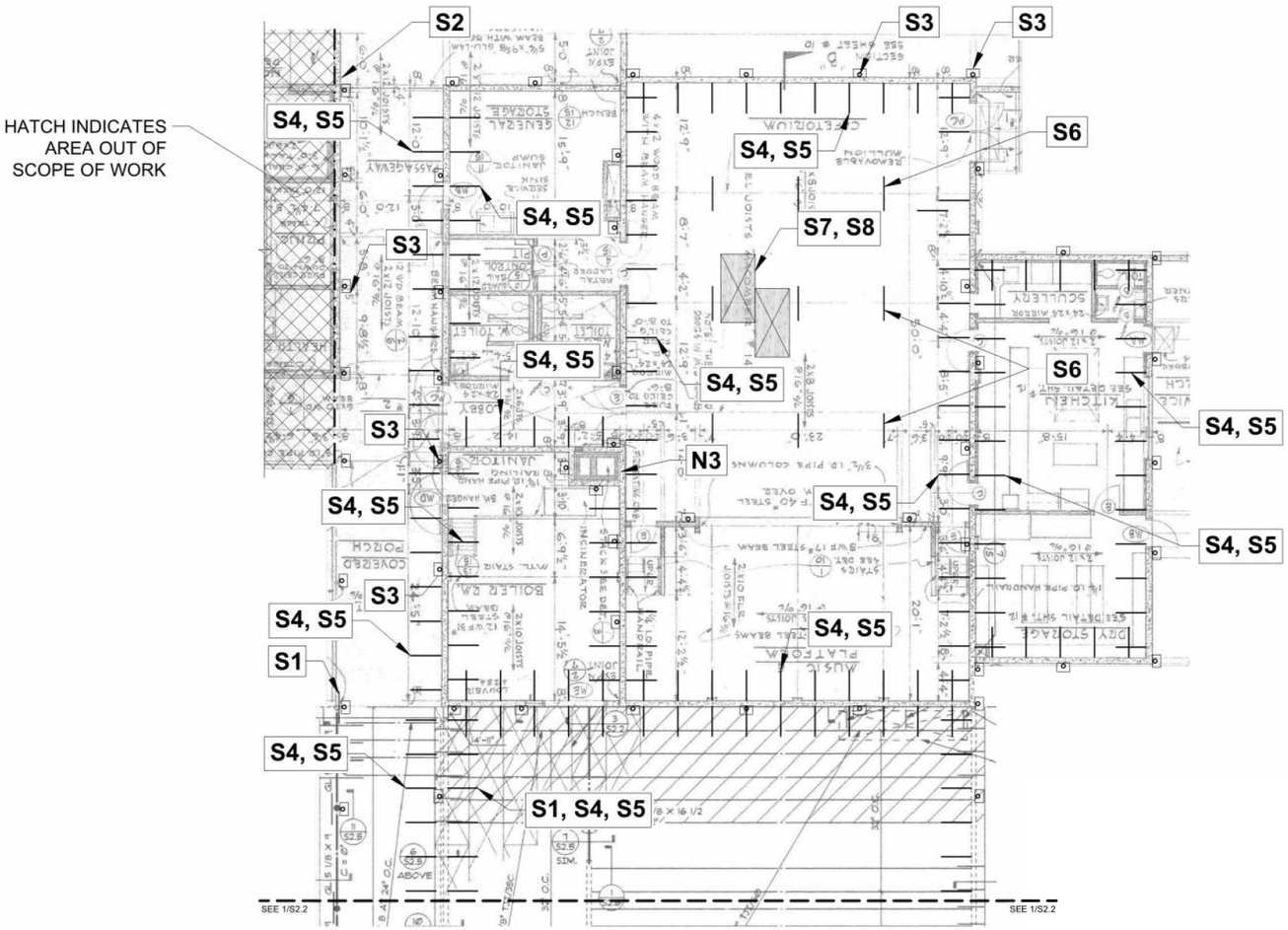
PROJECT NO:	P-2736-21
DRAWN:	MEG
CHECKED:	MRS
DATE:	FEB. 2022

REPAIR KEY NOTES

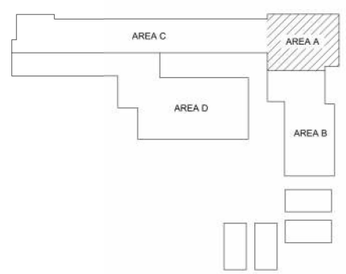
S1.1

PRELIMINARY DESIGN

ONE INCH EQUALS FULL SCALE



1 S2.1 **AREA A ROOF FRAMING PLAN** 1/8"= 1'-0"



1 S2.1 **CAMPUS KEY** NTS

ONE INCH EQUALS FULL SCALE

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NORTH WASCO COUNTY
SCHOOL DISTRICT 21
3632 W 10th ST.
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CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
OREGON
JUNE 08, 2014
M. R. SMITH
EXPIRES: 06-30-22
-PRELIMINARY- NOT FOR CONSTRUCTION

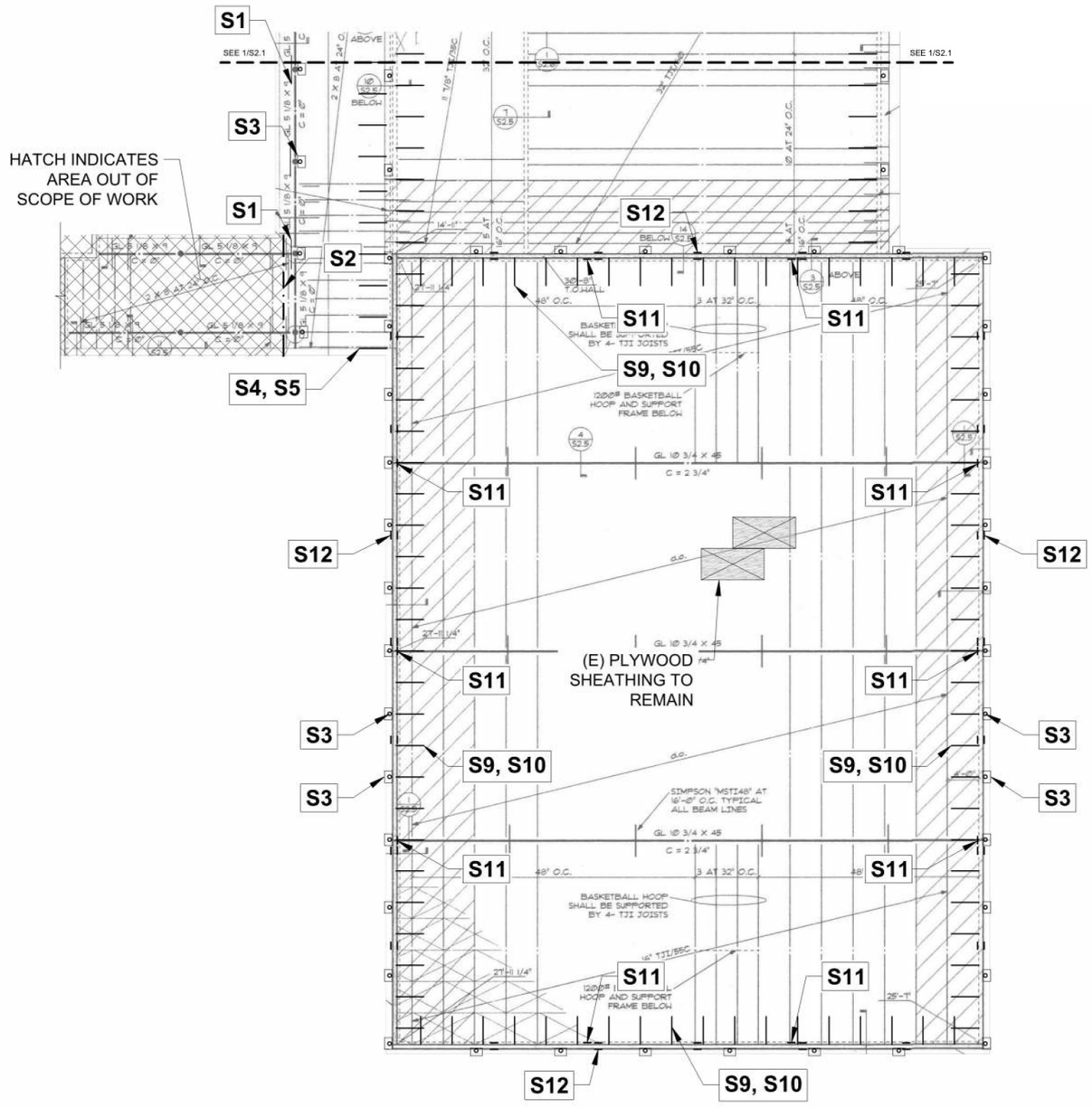
REVISION ID:	DATE:

PROJECT NO:	P-2736-21
DRAWN:	MEG
CHECKED:	MRS
DATE:	FEB. 2022

AREA A ROOF FRAMING PLAN

S2.1

PRELIMINARY DESIGN



1 S2.2 **AREA B ROOF FRAMING PLAN**

1/8"= 1'-0"

ONE INCH EQUALS FULL SCALE

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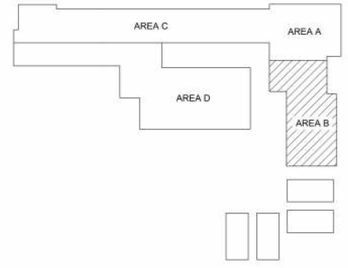
NORTH WASCO COUNTY SCHOOL DISTRICT 21
3632 W 10th ST.
THE DALLES, OR 97058

CHENOWITH ELEMENTARY SCHOOL SEISMIC RETROFIT



1 S2.2 **CAMPUS KEY**

NTS

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER
OREGON
JULY 08, 2014
MATTHEW R. SMITH
EXPIRES: 06-30-22

PRELIMINARY- NOT FOR CONSTRUCTION

REVISION ID:	DATE:

PROJECT NO:	P-2736-21
DRAWN:	MEG
CHECKED:	MRS
DATE:	FEB. 2022

AREA B ROOF FRAMING PLAN

S2.2

PRELIMINARY DESIGN

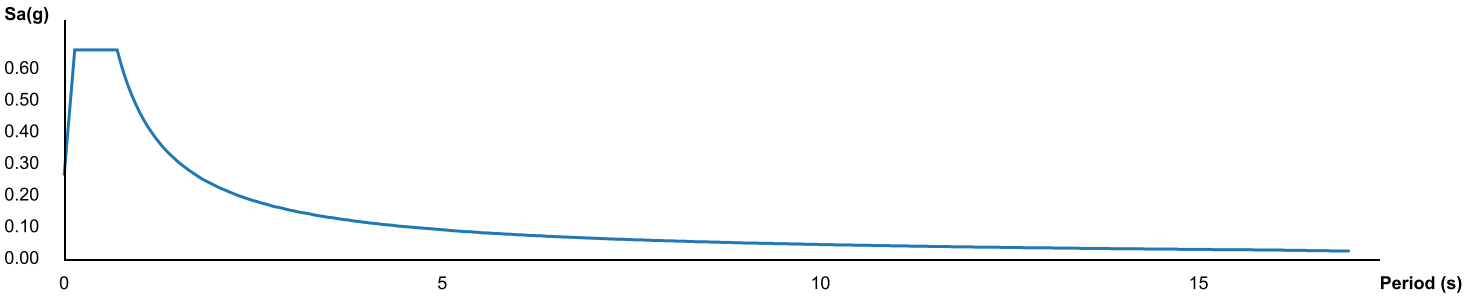
Appendix D:
Geotechnical Information

Hazards by Location

Search Information

Address:	chenowith elementary
Coordinates:	45.6252095, -121.2218611
Elevation:	169 ft
Timestamp:	2022-02-18T06:29:42.644Z
Hazard Type:	Seismic
Reference Document:	ASCE41-17
Site Class:	D
Custom Probability:	

Horizontal Response Spectrum - Hazard Level BSE-2N



Hazard Level BSE-2N

Name	Value	Description
SsUH	0.51	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
CR_S	0.906	Coefficient of risk (0.2s)
SsRT	0.462	Probabilistic risk-targeted ground motion (0.2s)
SsD	1.5	Factored deterministic acceleration value (0.2s)
S_S	0.462	MCE_R ground motion (period=0.2s)
F_a	1.431	Site amplification factor at 0.2s
S_{XS}	0.661	Site modified spectral response (0.2s)
S1UH	0.241	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
CR_1	0.885	Coefficient of risk (1.0s)
S1RT	0.213	Probabilistic risk-targeted ground motion (1.0s)
S1D	0.6	Factored deterministic acceleration value (1.0s)
S_1	0.213	MCE_R ground motion (period=1.0s)
F_v	2.174	Site amplification factor at 1.0s
S_{X1}	0.463	Site modified spectral response (1.0s)

Hazard Level BSE-1N

Name	Value	Description
S_{XS}	0.44	Site modified spectral response (0.2s)
S_{X1}	0.309	Site modified spectral response (1.0s)

Hazard Level BSE-2E

Name	Value	Description
S_S	0.327	MCE_R ground motion (period=0.2s)
F_a	1.539	Site amplification factor at 0.2s
S_{XS}	0.503	Site modified spectral response (0.2s)
S_1	0.149	MCE_R ground motion (period=1.0s)
F_v	2.302	Site amplification factor at 1.0s
S_{X1}	0.343	Site modified spectral response (1.0s)

Hazard Level BSE-1E

Name	Value	Description
S_S	0.142	MCE_R ground motion (period=0.2s)
F_a	1.6	Site amplification factor at 0.2s
S_{XS}	0.227	Site modified spectral response (0.2s)
S_1	0.057	MCE_R ground motion (period=1.0s)
F_v	2.4	Site amplification factor at 1.0s
S_{X1}	0.138	Site modified spectral response (1.0s)

T_L Data

Name	Value	Description
T_L	16	Long-period transition period (s)

The results indicated here DO NOT reflect any state or local amendments to the values or any delineation lines made during the building code adoption process. Users should confirm any output obtained from this tool with the local Authority Having Jurisdiction before proceeding with design.

Disclaimer

Hazard loads are provided by the U.S. Geological Survey Seismic Design Web Services.

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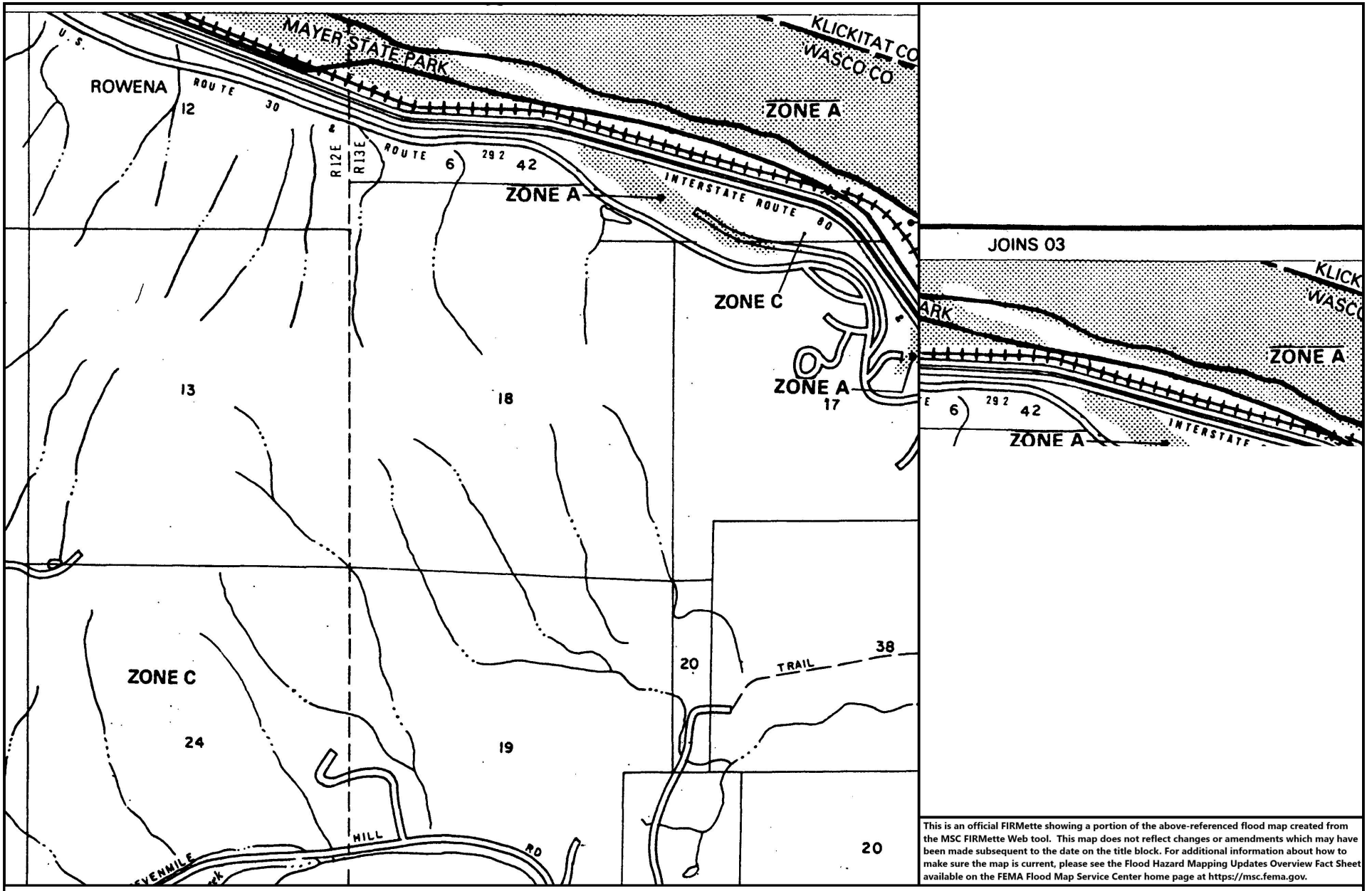
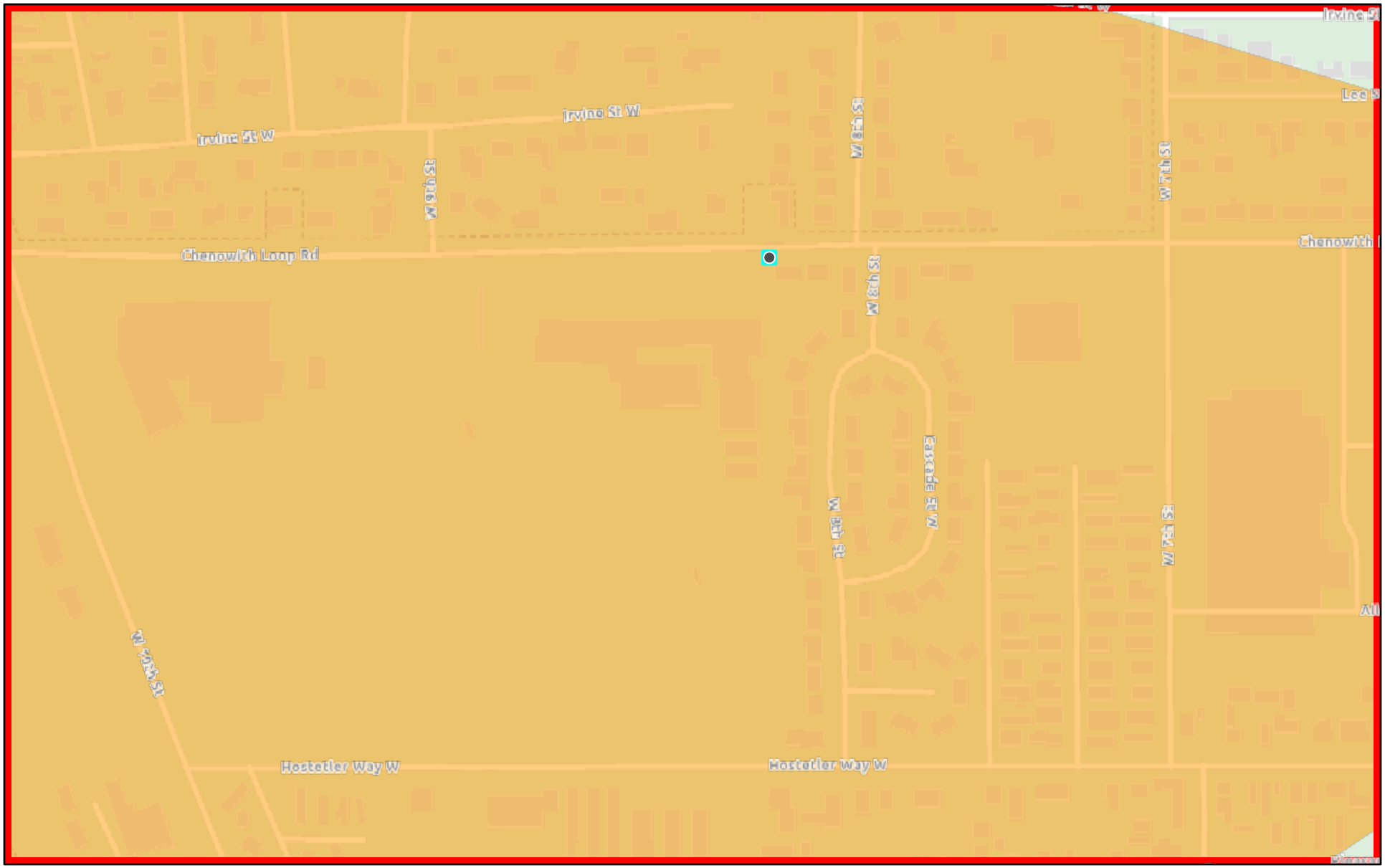


This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at https://msc.fema.gov.

Chenowith Elementary Liquefaction



February 4, 2022

Active Faults

High

Moderate

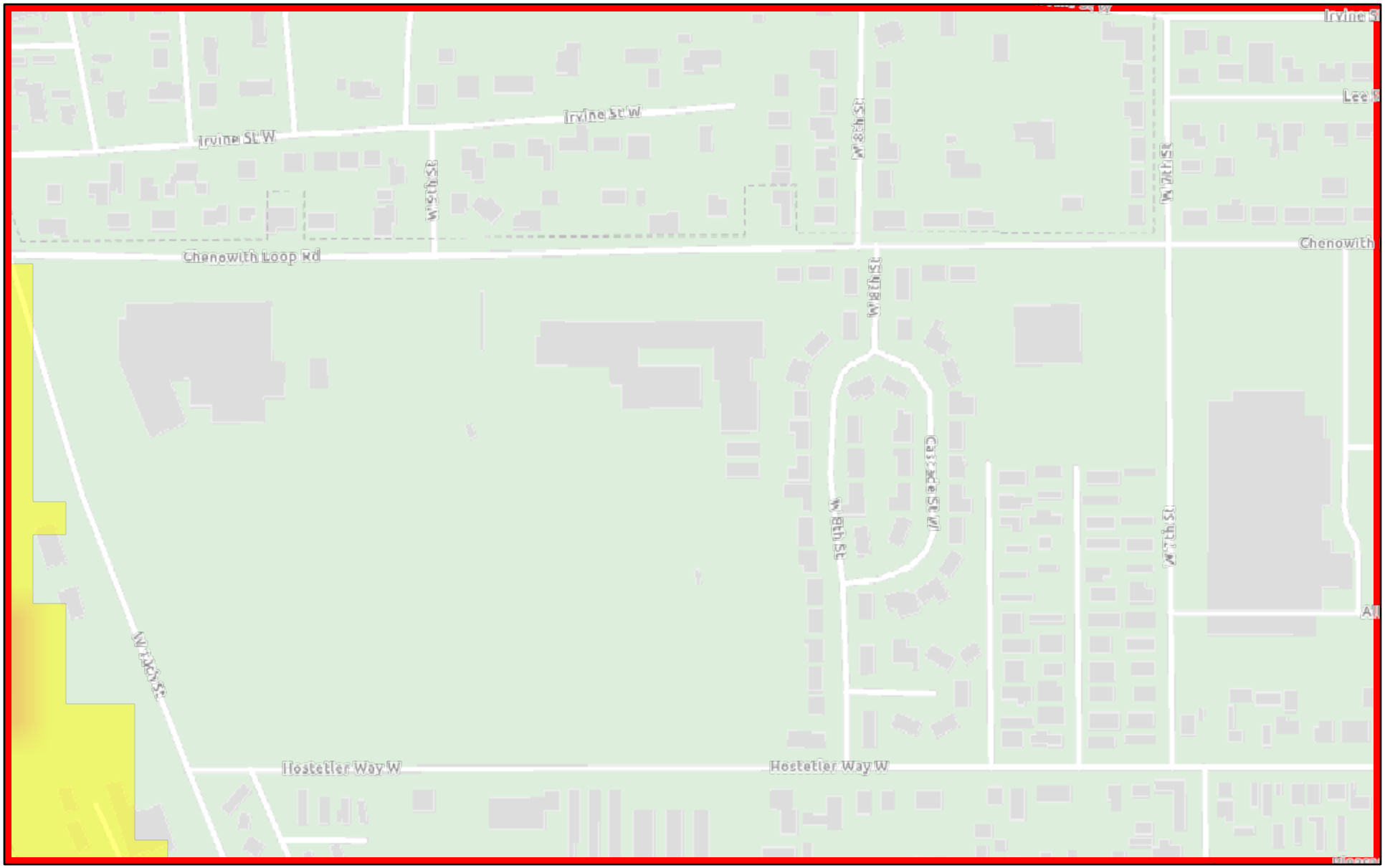
Low

1:4,800

0 0.03 0.06 0.11 mi

0 0.04 0.09 0.18 km

Chenowith Elementary Landslide



February 4, 2022

1:4,800

0 0.03 0.06 0.11 mi

0 0.04 0.09 0.18 km

Landslide Hazard

- Low - Landsliding Unlikely
- Moderate - Landsliding Possible
- High - Landsliding Likely
- Very High - Existing Landslide

Appendix E: Construction Cost Estimate Worksheets

ENGINEER'S OPINION OF PROBABLE COST - CHENOWITH ELEMENTARY SCHOOL SEISMIC REHABILITATION

SUMMARY

Description	Deficiencies (Ref. Seismic Evaluation Report Sec. 7.0)	Quantity	Units	Unit Price	Total Price for Construction Item
GENERAL CONDITIONS					
General Conditions		10%	%		$ 141,720.00
Preconstruction Services		2%	%		$ 28,344.00
Escalation		7%	%		$ 111,108.48
Bonding & Insurance		3%	%		$ 47,617.92
Contractor Profit & Overhead		5%	%		$ 79,363.20
				General Conditions Subtotal	$ 408,153.60
Non-Structural Elements					
Misc MEP	N5, N6, N7, N8	1	Lump Sum	$ 91,300.00	$ 91,300.00
Misc Non-Structural	N1, N2, N4	1	Lump Sum	$ 36,600.00	$ 36,600.00
Chimney Demo	N3	1	Lump Sum	$ 18,000.00	$ 18,000.00
				Non-Structural Subtotal	$ 145,900.00
Construction Cost Per Building Part					
				Building Part 'A' Subtotal	$ 735,150.00
				Building Part 'B' Subtotal	$ 536,150.00
				Sub-Total Construction Cost	$ 1,825,400.00
				Contingency 14%	$ 255,556.00
				Total Construction Cost	$ 2,080,956.00
Cost Estimate Summary					
Engineering					$ 298,000.00
Architectural Consulting				$ 31,200.00	
Structural / Rehabilitation Engineering				$ 228,900.00	
Geotechnical Consulting				$ 27,500.00	
Materials Testing for Design				$ 10,400.00	
Construction Management					$ 62,400.00
Construction					$ 1,856,600.00
Sub-Total Construction Cost				$ 1,825,400.00	
Special Inspection Services for Construction				$ 10,400.00	
Permitting Fees				$ 20,800.00	
Relocation of FF&E					$ 27,400.00
Contingency					$ 255,556.00
				Total Project Funding Requirement	$ 2,499,956.00

ENGINEER'S OPINION OF PROBABLE COST - CHENOWITH ELEMENTARY SCHOOL SEISMIC REHABILITATION

BUILDING PART - 'A'

Description	Deficiencies (Ref. Seismic Evaluation Report Sec. 7.0)	Quantity	Units	Unit Price	Total Price for Construction Item
Demolition & Asbestos Abatement					
TPO / Comp / Metal Roof Demo	S7, S8	6000	Square Foot	$ 2.00	$ 12,000.00
Hard Demolition	S3	750	Square Foot	$ 20.00	$ 15,000.00
			Demolition & Asbestos Subtotal		$ 27,000.00
Foundation / Floor Strengthening Construction					
Micropile	S3	50	Each	$ 4,500.00	$ 225,000.00
Pile Cap	S3	50	Each	$ 3,500.00	$ 175,000.00
Deep Foundation Mobilization	S3	1	Each	$ 20,000.00	$ 20,000.00
Concrete Repair & Patching	S3	1000	Square Foot	$ 15.00	$ 15,000.00
Floor Finish Patch / Replacement	S3	500	Square Foot	$ 7.00	$ 3,500.00
			Foundation Level Subtotal		$ 438,500.00
Wall Strengthening Construction					
Painting	S3 S4 S5	6000	Square Foot	$ 3.00	$ 18,000.00
			Wall Strengthening Subtotal		$ 18,000.00
Roof Strengthening Construction					
New Roof Sheathing	S7, S8	6000	Square Foot	$ 4.00	$ 24,000.00
Diaphragm Attachments - Out-of-Plane	S4	420	Linear Foot	$ 50.00	$ 21,000.00
Diaphragm Attachments - In-Plane Shear	S5	420	Linear Foot	$ 20.00	$ 8,400.00
New 6" polyisociurinate rigid insulation	S7, S8	6000	Square Foot	$ 12.00	$ 72,000.00
New Single Ply Roof	S7, S8	6000	Square Foot	$ 15.00	$ 90,000.00
New Drag Beam Attachments	S1, S6	16	EA	$ 1,500.00	$ 24,000.00
Seismic Isolation from Adjacent Building	S2	35	Linear Foot	$ 350.00	$ 12,250.00
			Roof Strengthening Subtotal		$ 251,650.00
			Building Part 'A' - Total Construction Cost		$ 735,150.00

ENGINEER'S OPINION OF PROBABLE COST - CHENOWITH ELEMENTARY SCHOOL SEISMIC REHABILITATION

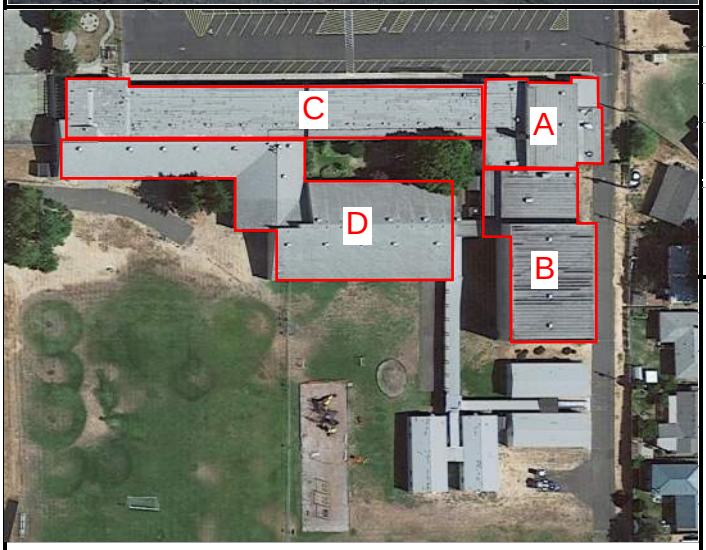
BUILDING PART - 'B'

Description	Deficiencies (Ref. Seismic Evaluation Report Sec. 7.0)	Quantity	Units	Unit Price	Total Price for Construction Item
Demolition & Asbestos Abatement					
Hard Demolition	S3	1200	Square Foot	$ 20.00	$ 24,000.00
Soft Demolition	S1	1000	Square Foot	$ 2.00	$ 2,000.00
			Demolition & Asbestos Subtotal		$ 26,000.00
Foundation / Floor Strengthening Construction					
Micropile	S3	40	Each	$ 4,500.00	$ 180,000.00
Concrete Repair & Patching	S3	1200	Square Foot	$ 15.00	$ 18,000.00
Pile Cap	S3	40	Each	$ 3,500.00	$ 140,000.00
			Foundation Level Subtotal		$ 338,000.00
Wall Strengthening Construction					
FRP Wall Strengthening	S12	1200	Square Foot	$ 50.00	$ 60,000.00
FRP Wall Finish Repair	S12	1200	Square Foot	$ 25.00	$ 30,000.00
Painting	S12	11400	Square Foot	$ 3.00	$ 34,200.00
Concrete Panel Connection	S11	200	Linear Foot	$ 70.00	$ 14,000.00
			Wall Strengthening Subtotal		$ 138,200.00
Roof Strengthening Construction					
Diaphragm Attachments - Out-of-Plane	S9	415	Linear Foot	$ 50.00	$ 20,750.00
Diaphragm Attachments - In-Plane Shear	S10	415	Linear Foot	$ 20.00	$ 8,300.00
Seismic Isolation from Adjacent Building	S2	14	Linear Foot	$ 350.00	$ 4,900.00
			Roof Strengthening Subtotal		$ 33,950.00
			Building Part 'B' - Total Construction Cost		$ 536,150.00

Appendix F:
Rapid Visual Screening

Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

Level 1
HIGH Seismicity



SKETCH

Address: 922 Chenowith Loop Rd
The Dalles, Oregon **Zip:** 97058
Other Identifiers: "Part A" Cafeteria
Building Name: Chenowith Elementary School
Use: Education
Latitude: 45.62546 **Longitude:** -121.221521
S_S: .462 **S_1:** .213
Screener(s): MIS **Date/Time:** 2/17/2022

No. Stories: Above Grade: 1 Below Grade: 0 **Year Built:** 1961 ☐ EST
Total Floor Area (sq. ft.): 6,600 **Code Year:**
Additions: ☐ None ■ Yes, Year(s) Built: 1993

Occupancy: ☐ Assembly ☐ Commercial ☐ Emer. Services ☐ Historic ☐ Shelter
☐ Industrial ☐ Office ■ School ☐ Government
☐ Utility ☐ Warehouse ☐ Residential, # Units:

Soil Type: ☐ A Hard Rock ☐ B Avg Rock ☐ C Dense Soil ■ D Stiff Soil ☐ E Soft Soil ☐ F Poor Soil **DNK** *If DNK, assume Type D.*

Geologic Hazards: Liquefaction: Yes/No/DNK Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK

Adjacency: ■ Pounding ☐ Falling Hazards from Taller Adjacent Building

Irregularities: ■ Vertical (type/severity) ELEVATION CHANGES
☐ Plan (type)

Exterior Falling Hazards: ■ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer
☐ Parapets ☐ Appendages
☐ Other:

COMMENTS:

☐ Additional sketches or comments on separate page

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S_{L1}

FEMA BUILDING TYPE C2 ☐ Do Not Know	W1	W1A	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score	**3.6**	**3.2**	**2.9**	**2.1**	**2.0**	**2.6**	**2.0**	**1.7**	**1.5**	**2.0**	**1.2**	**1.6**	**1.4**	**1.7**	**1.7**	**1.0**	**1.5**
Severe Vertical Irregularity, V_{L1}	-1.2	-1.2	-1.2	-1.0	-1.0	-1.1	-1.0	-0.8	-0.9	-1.0	-0.7	-1.0	-0.9	-0.9	-0.9	-0.7	NA
Moderate Vertical Irregularity, V_{L1}	-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, P_{L1}	-1.1	-1.0	-1.0	-0.8	-0.7	-0.9	-0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code	-1.1	-1.0	-0.9	-0.6	-0.6	-0.8	-0.6	-0.2	-0.4	-0.7	-0.1	-0.5	-0.3	-0.5	-0.5	0.0	-0.1
Post-Benchmark	1.6	1.9	2.2	1.4	1.4	1.1	1.9	NA	1.9	2.1	NA	2.0	2.4	2.1	2.1	NA	1.2
Soil Type A or B	0.1	0.3	0.5	0.4	0.6	0.1	0.6	0.5	0.4	0.5	0.3	0.6	0.4	0.5	0.5	0.3	0.3
Soil Type E (1-3 stories)	0.2	0.2	0.1	-0.2	-0.4	0.2	-0.1	-0.4	0.0	0.0	-0.2	-0.3	-0.1	-0.1	-0.1	-0.2	-0.4
Soil Type E (> 3 stories)	-0.3	-0.6	-0.9	-0.6	-0.6	NA	-0.6	-0.4	-0.5	-0.7	-0.3	NA	-0.4	-0.5	-0.6	-0.2	NA
Minimum Score, S_{MIN}	*1.1*	*0.9*	*0.7*	*0.5*	*0.5*	*0.6*	*0.5*	*0.5*	*0.3*	*0.3*	*0.3*	*0.2*	*0.2*	*0.3*	*0.3*	*0.2*	*1.0*

FINAL LEVEL 1 SCORE, $S_{L1} \geq S_{MIN}$: 1.0 FEMA P-154 COLLAPSE POTENTIAL HIGH

EXTENT OF REVIEW

Exterior: ☐ Partial ■ All Sides ■ Aerial
Interior: ☐ None ☐ Visible ■ Entered
Drawings Reviewed: ■ Yes ☐ No
Soil Type Source: D
Geologic Hazards Source: LIQUIFACTION
Contact Person:

LEVEL 2 SCREENING PERFORMED?

☐ Yes, Final Level 2 Score, S_{L2} _____ ■ No
Nonstructural hazards? ☐ Yes ☐ No

OTHER HAZARDS

Are There Hazards That Trigger A Detailed Structural Evaluation?

■ Pounding potential (unless S_{L2} > cut-off, if known)
☐ Falling hazards from taller adjacent building
■ Geologic hazards or Soil Type F
☐ Significant damage/deterioration to the structural system

ACTION REQUIRED

Detailed Structural Evaluation Required?

☐ Yes, unknown FEMA building type or other building
☐ Yes, score less than cut-off
☐ Yes, other hazards present
☐ No

Detailed Nonstructural Evaluation Recommended? *(check one)*

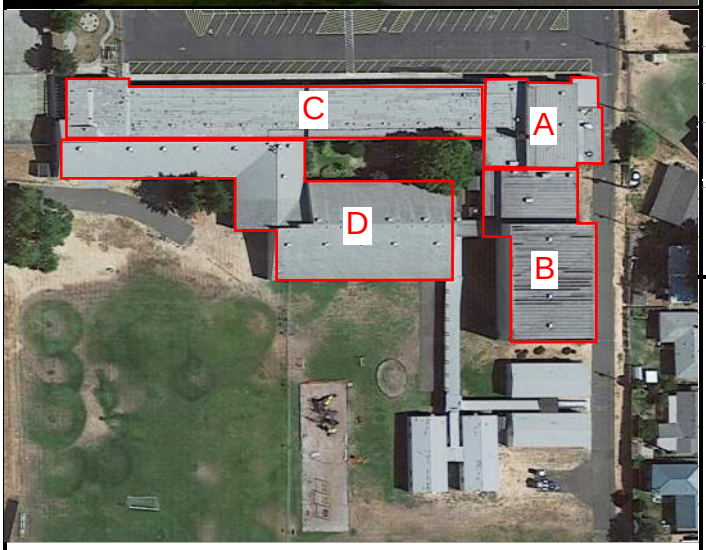
☐ Yes, nonstructural hazards identified that should be evaluated
☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
☐ No, no nonstructural hazards identified ☐ DNK

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

Legend: MRF = Moment-resisting frame; BR = Braced frame; RC = Reinforced concrete; SW = Shear wall; URM INF = Unreinforced masonry infill; TU = Tilt up; MH = Manufactured Housing; LM = Light metal; FD = Flexible diaphragm; RD = Rigid diaphragm

Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA P-154 Data Collection Form

Level 1
HIGH Seismicity



SKETCH

Address: 922 Chenowith Loop Rd
The Dalles, Oregon **Zip:** 97058
Other Identifiers: "Part B" GYMNASIUM
Building Name: Chenowith Elementary School
Use: Education
Latitude: 45.62546 **Longitude:** -121.221521
S_S: .462 **S_1:** .213
Screener(s): MIS **Date/Time:** 2/17/2022

No. Stories: Above Grade: 1 Below Grade: 0 **Year Built:** 1993 ☐ EST
Total Floor Area (sq. ft.): 11500 **Code Year:**
Additions: ■ None ☐ Yes, Year(s) Built:

Occupancy: ☐ Assembly ☐ Commercial ☐ Emer. Services ☐ Historic ☐ Shelter ☐ Industrial ☐ Office ■ School ☐ Government ☐ Utility ☐ Warehouse ☐ Residential, # Units:

Soil Type: ☐ A Hard Rock ☐ B Avg Rock ☐ C Dense Soil ■ D Stiff Soil ☐ E Soft Soil ☐ F Poor Soil **DNK** *If DNK, assume Type D.*

Geologic Hazards: Liquefaction: Yes/No/DNK Landslide: Yes/No/DNK Surf. Rupt.: Yes/No/DNK

Adjacency: ■ Pounding ☐ Falling Hazards from Taller Adjacent Building

Irregularities: ■ Vertical (type/severity) ELEVATION CHANGES ☐ Plan (type)

Exterior Falling Hazards: ☐ Unbraced Chimneys ☐ Heavy Cladding or Heavy Veneer ☐ Parapets ☐ Appendages ☐ Other:

COMMENTS:

☐ Additional sketches or comments on separate page

BASIC SCORE, MODIFIERS, AND FINAL LEVEL 1 SCORE, S_{L1}

FEMA BUILDING TYPE C2 ☐ Do Not Know	W1	W1A	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM	MH
Basic Score	**3.6**	**3.2**	**2.9**	**2.1**	**2.0**	**2.6**	**2.0**	**1.7**	**1.5**	**2.0**	**1.2**	**1.6**	**1.4**	**1.7**	**1.7**	**1.0**	**1.5**
Severe Vertical Irregularity, V_{L1}	-1.2	-1.2	-1.2	-1.0	-1.0	-1.1	-1.0	-0.8	-0.9	-1.0	-0.7	-1.0	-0.9	-0.9	-0.9	-0.7	NA
Moderate Vertical Irregularity, V_{L1}	-0.7	-0.7	-0.7	-0.6	-0.6	-0.7	-0.6	-0.5	-0.5	-0.6	-0.4	-0.6	-0.5	-0.5	-0.5	-0.4	NA
Plan Irregularity, P_{L1}	-1.1	-1.0	-1.0	-0.8	-0.7	-0.9	-0.7	-0.6	-0.6	-0.8	-0.5	-0.7	-0.6	-0.7	-0.7	-0.4	NA
Pre-Code	-1.1	-1.0	-0.9	-0.6	-0.6	-0.8	-0.6	-0.2	-0.4	-0.7	-0.1	-0.5	-0.3	-0.5	-0.5	0.0	-0.1
Post-Benchmark	1.6	1.9	2.2	1.4	1.4	1.1	1.9	NA	1.9	2.1	NA	2.0	2.4	2.1	2.1	NA	1.2
Soil Type A or B	0.1	0.3	0.5	0.4	0.6	0.1	0.6	0.5	0.4	0.5	0.3	0.6	0.4	0.5	0.5	0.3	0.3
Soil Type E (1-3 stories)	0.2	0.2	0.1	-0.2	-0.4	0.2	-0.1	-0.4	0.0	0.0	-0.2	-0.3	-0.1	-0.1	-0.1	-0.2	-0.4
Soil Type E (> 3 stories)	-0.3	-0.6	-0.9	-0.6	-0.6	NA	-0.6	-0.4	-0.5	-0.7	-0.3	NA	-0.4	-0.5	-0.6	-0.2	NA
Minimum Score, S_{MIN}	*1.1*	*0.9*	*0.7*	*0.5*	*0.5*	*0.6*	*0.5*	*0.5*	*0.3*	*0.3*	*0.3*	*0.2*	*0.2*	*0.3*	*0.3*	*0.2*	*1.0*

FINAL LEVEL 1 SCORE, $S_{L1} \geq S_{MIN}$: .6 FEMA P-154 COLLAPSE POTENTIAL HIGH

EXTENT OF REVIEW

Exterior: ☐ Partial ■ All Sides ■ Aerial
Interior: ☐ None ☐ Visible ■ Entered
Drawings Reviewed: ■ Yes ☐ No
Soil Type Source: D
Geologic Hazards Source: LIQUIFACTION
Contact Person:

LEVEL 2 SCREENING PERFORMED?

☐ Yes, Final Level 2 Score, S_{L2} _____ ■ No
Nonstructural hazards? ☐ Yes ☐ No

OTHER HAZARDS

Are There Hazards That Trigger A Detailed Structural Evaluation?

■ Pounding potential (unless S_{L2} > cut-off, if known)
☐ Falling hazards from taller adjacent building
■ Geologic hazards or Soil Type F
☐ Significant damage/deterioration to the structural system

ACTION REQUIRED

Detailed Structural Evaluation Required?

☐ Yes, unknown FEMA building type or other building
☐ Yes, score less than cut-off
☐ Yes, other hazards present
☐ No

Detailed Nonstructural Evaluation Recommended? *(check one)*

☐ Yes, nonstructural hazards identified that should be evaluated
☐ No, nonstructural hazards exist that may require mitigation, but a detailed evaluation is not necessary
☐ No, no nonstructural hazards identified ☐ DNK

Where information cannot be verified, screener shall note the following: EST = Estimated or unreliable data OR DNK = Do Not Know

Legend: MRF = Moment-resisting frame; BR = Braced frame; RC = Reinforced concrete; SW = Shear wall; URM INF = Unreinforced masonry infill; TU = Tilt up; MH = Manufactured Housing; LM = Light metal; FD = Flexible diaphragm; RD = Rigid diaphragm

North Wasco County School District #21
RFP The Chenowith Elementary
Scoring Tool
9/7/2023

Scorer Name **Average of Group**

Vendor Name	WRK	ZCS
Attended Mandatory Walk Through	**Yes**	**Yes**
Firm name, address, phone & fax number **(Pass/Fail)**	Pass	Pass
Contact name and email **(Pass/Fail)**	Pass	Pass
List key personnel assigned by firm **(Pass/Fail)**	Pass	Pass
OR registration # of engineer on record **(Pass/Fail)**	Pass	Pass
Names additional engineers working on project with list of projects in past three years **(Pass/Fail)**	Pass	Pass
3 Relevant projects completed by firm with listed individuals **(Pass/Fail)**	Pass	Pass
Construction cost & building area sqft of each project **(Pass/Fail)**	Pass	Pass
Date of completion for each project **(Pass/Fail)**	Pass	Pass
Location of each project **(Pass/Fail)**	Pass	Pass
Function of each project **(Pass/Fail)**	Pass	Pass
Delivery method used for each project **(Pass/Fail)**	Pass	Pass
Whether each project on schedule and within budget **(Pass/Fail)**	Pass	Pass
Responsibilities of people on each project and services provided **(Pass/Fail)**	Pass	Pass
Name, address, and phone number of each owner of previous projects **(Pass/Fail)**	Pass	Pass
Gantt chart for project **(Pass/Fail)**	Pass	Pass
Pass/Fail Section 1		
Firm Capabilities (10 points) a) Describe your firm's background and experience, including company history, length of time in the industry, service area, staffing size and capabilities. b) Describe your firm's design philosophy. c) Describe your firm's recent (past ten years) experience with design of renovations to public agency facilities (i.e. Fire Stations, Police Stations, Education facilities, etc.), and implementing the agency's design criteria. **(Up to 10 Points)**	9.4	9.4
Project Team (15 points) a) Provide your firm's staffing plan and specify key personnel to be assigned to this project. Include an organizational chart, staff roles and a current resume of key personnel. b) Describe what scope of services will be provided by proposing firm and whether sub-consultants are needed to complete this work. Identify the sub-consultants and the key personnel of the subconsultants that you propose to use on this project. **(Up to 15 Points)**	13.0	14.2

Vendor Name	WRK	ZCS
Experience with the State of Oregon Seismic Rehabilitation Grant Program (25 points) a) Describe your experience completing seismic rehabilitation projects funded by the Business Oregon SRG Program. b) Provide record of performance on previously completed projects funded by the Business Oregon SRG Program. Indicate whether the project met budget and schedule expectations. c) Provide case studies on three (3) similar projects completed within the last 5 years. Include information about the size, construction type, building uses, construction delivery method and whether the project was completed on time and within budget. **(Up to 25 Points)**	22.6	23.6
Record of Performance & References (20 points) a) Describe your firm's past record of performance on contracts with governmental agencies and private owners with respect to such factors as cost control, quality of work, ability to meet schedules, and contract administration. b) Three (3) letters of reference must be provided, preferably for projects of similar type and size. Provide contact information for each reference. **(Up to 20 Points)**	19.0	19.2
Project Approach (20 points) a) Describe your approach to completing seismic rehabilitation projects and what special services, systems, or qualifications the firm has that would benefit the District in this project. Include familiarity with this project specifically and its specific requirements. b) Provide examples of lessons learned and examples of how your firm has worked with Owners and Contractors to minimize surprises during seismic rehabilitation projects. c) Proposed cost management & quality control techniques to be employed **(Up to 20 Points)**	19.4	18.6
Project Location (10 points) a) Describe your availability to and familiarity with the area in which the Project is located, including knowledge of design and construction techniques unique to the area. b) Describe proposer's plan to maximize and document local participation. **(Up to 10 Points)**	9.0	9.8
Total Points (Maximum 100 pts)	**92.40**	**94.80**

NOMINATION FORM
OSBA BOARD OF DIRECTORS
REGIONAL MEMBER

Date: _____

TO: Sami Al-Abdrabbuh, OSBA President-Elect
Oregon School Boards Association
1201 Court St NE, #400
Salem, OR 97301
Fax: 503-588-2813
E-mail: *OSBAelections@osba.org*

Nominations are due by 5 pm, September 29, 2023

Return this form and all candidate information forms to the OSBA office by email at *OSBAelections@osba.org*, or mail to Oregon School Boards Association, 1201 Court St. NE, #400, Salem, OR 97301

Dear Sami Al-Abdrabbuh:

With this letter, our board nominates the candidate named below to a position on the OSBA Board of Directors for the _____ Region, Position # _____.

BOARD CANDIDATE INFORMATION

Name: _____

District/ESD/Community College: _____

Address: _____

City: _____ Oregon ZIP: _____

E-mail: _____ Phone: _____

This nomination was approved by official action of our board of directors at a duly called meeting on _____.
(date)

_____
(Board Chair signature)

Board Chair name: _____

District: _____

Address: _____

City, State, Zip: _____

NOMINATION FORM
OSBA LEGISLATIVE POLICY COMMITTEE (LPC)
REGIONAL MEMBER

Date _____

TO: Sami Al-Abdrabbuh, OSBA President-Elect
Oregon School Boards Association 1201 Court St NE, #400
Salem, OR 97301
Fax: 503-588-2813
E-mail: OSBAelections@osba.org

Nominations are due by 5 pm, September 29, 2023.

Return this form and all candidate information forms to the OSBA office by email at OSBAelections@osba.org, or mail to Oregon School Boards Association, 1201 Court St. NE, #400, Salem, OR 97301

Dear Sami Al-Abdrabbuh:

With this letter, our board nominates the candidate named below to a position on the OSBA Legislative Policy Committee for the _____ Region, Position # _____.

LPC CANDIDATE INFORMATION

Name: _____

District/ESD/Community College: _____

Address: _____

City: _____ Oregon ZIP: _____

E-mail: _____ Phone: _____

This nomination was approved by official action of our board of directors at a duly called meeting on

_____
(date)

_____
(Board Chair signature)

Board Chair name: _____

District: _____

Address: _____

City, State, Zip: _____

INVENTORY	MAKE	MODEL	Serial Number	Est. Value	Available?
Construction					
“20 Planer and Blades	Powermatic	180	780202	$300	Y
12" Compound Miter Saw	DeWalt	DW715	185282	$100	Y
12" Compound Miter Saw	DeWalt	DW715	185281	$100	Y
12" Compound Miter Saw	Rigid	MS1290LXA	U091618305	$100	Y
10" Compound Miter Saw	DeWalt	DW713	unreadable	$80	Y
Drill Press	Rockwell	15-017	1567534	$200	Y
Drill Press	Powermatic	1150	815V1531	$100	Y
Dust Collector	Dust Dog	DC- 1100RC	6044102		Y
Band Saw	JET	JWBS-14CS	100312312	$100	Y
Band Saw	JET	JWBS-14CS	100312256	$100	Y
Band Saw	JET	JWBS-14CS	100312299	$100	Y
Spindle Sander	JET			$50	Y
Jointer	Rockwell	7-315	EU-3165		Y
Jointer and table	Delta	37150	7402		Y
Lathe	Powermatic	90	9190040		Y
Lathe	Powermatic	45	8045056		Y
Lathe	Powermatic	45			Y
Min Lathe and Table	Jet	JML-1014	10619187		Y
Panel Saw	Black and Decker			$100	Y
Router Table				$50	Y
Router Table				$25	Y
Standing Belt Sander	Rockwell	31-520	HG 236	$100	Y
Standing Jigsaw	Rockwell		Ch7706	$80	Y
Table Saw	Powermatic	66	90661351		Y
Work Bench				$25	Y
Welding					

INVENTORY	MAKE	MODEL	Serial Number	Est. Value	Available?
Arc welder	Lincoln	AC 23 - 25	9422-604	$50	needs repairs
Arc welder	Lincoln	AC - 225-S	6304-908	$100	needs repairs
Metal shear	Scotchman	314-c	7767L101981	$500	y
SMAW welder	Miller	Thunderbolt XL	LJ150269Y	$100	y
SMAW welder	Miller	Thunderbolt XL	ME344148Y	$100	y
SMAW welder	Miller	Thunderbolt XL	ME344147Y	$100	y
SMAW welder	Miller	Thunderbolt XL	ME344149Y	$100	y
SMAW welder	Miller	Thunderbolt XL	ME344150Y	$100	y
SMAW welder	Miller	Thunderbolt XL	ME384189Y	$100	y
SMAW welder	Miller	Thunderbolt XL	KF938950	$25	needs repairs
SMAW welder	Miller	Thunderbolt XL		$25	needs parts
SMAW welder	Miller	Thunderbolt XL	JF951400	$25	needs parts
SMAW welder	Miller	Thunderbolt XL	ME344145Y	$25	Needs repairs

North Wasco County School District #21

School District Board of Directors

Board Motion for Action Item

BOARD ACTION

Date 9/22/2023

Action Requested Motion to Approve Loan Bus

DISCUSSION

The state has new requirements that will only allow propane or electric buses beginning in 2024. The bus fleet is up to date and meets all requirements except one bus. This motion is to approve the last bus needing replaced be funded with a loan before the new requirement comes into effect. Converting to propane or electric buses is costly. First, to have the infrastructure for the charging or refilling of propane buses, but also the district mechanics will be unable to work on the new buses at this point. In addition, the cost of a bus is double the cost of a diesel bus. All existing diesel buses are grandfathered and allowed to operate in future years.

ACTION

I move to approve the Chief Financial Officer enter into a loan agreement for 1 bus for a term of up to 3 years.

Questions about this request should be directed to Kara Flath, CFO, at 541-506-3424 or flathk@nwasco.k12.or.us.

3632 West 10th Street, The Dalles, OR 97058
541-506-3420 Fax 541-298-6018

NEW POLICY
1st Reading
(no action needed)

North Wasco County School District 21

Code: GCBDF/GDBDF
Adopted:

Paid Family Medical Leave Insurance *

The district provides an equivalent plan for paid family and medical leave and does not participate in Paid Leave Oregon. This plan has been approved by the Employment Department. The district will file the Oregon Quarterly Tax Report as required.

The district will make available a notice poster that outlines the requirements and procedures for the equivalent plan.[1] This poster will be displayed in each of the district's buildings or worksites in an area that is accessible to and regularly frequented by employees. This poster will be provided[2] to remote employees upon hire or assignment to remote work.

END OF POLICY

Legal Reference(s):

ORS 657B.210 – 657B.260 OAR 471-070-2200 - 2460

[1] For poster requirements, see OAR 471-070-2330.

[2] By hand delivery, regular mail, or through an electronic delivery method.

Informational Only

Revised Language is noted in YELLOW

North Wasco County School District 21

Code: **IGD-AR**
Revised/Reviewed: 8/9/01; 5/26/04; 11/18/10;6/15/17; 9/28/17**; 9/28/23**
Orig. Code(s): IGD-AR

Co-curricular Participation

Eligibility: The co-curricular participation policy ~~will be in effect the first day of fall sports/activities practice until the last day of school in the same calendar academic year.~~ will become effective upon signatures of both the student and parent/guardian. It will remain in effect year round and continuously during the course of the student's participation in co-curricular activities.

In order to be eligible for athletic co-curricular activities, participants must comply with the following:

1. Have passed 4 classes from the previous trimester while being enrolled in a minimum of 4 classes (OSAA standard). During the current grading period, students must be passing 4 classes and maintain a 2.00 grade point average (GPA) on a weekly basis. Pass/No pass grades do not calculate ~~in~~ as part of a student's GPA for the purpose of this policy. ~~Pass/No pass grades do apply to the number of classes passed.~~ The high school administration may grant exceptions. Any student with 2 or more F, NP (Not passing) or I (Incompletes) grades will be determined ineligible until they show proof that their grades have been raised above the minimum standard.

2. In addition to the specific requirement identified in Section 1, a student must be making satisfactory progress towards the graduation requirements by earning a minimum of the quantity of credits indicated below prior to the start of the specified year.

    - Prior to 10th Grade: 4.5
    - Prior to 11th Grade: 10.0
    - Prior to 12th Grade: 17.0

3. Grade checks will be on a weekly basis. Coaches and athletes will be notified on Monday or Tuesday (if there is no school Monday) if they are academically ineligible.

4. Students will become eligible once a grade sheet is filled out and signed off by all their teachers and turned into the athletic office with proof they are passing 4 classes and maintaining a 2.0 GPA.

5. Have attended all class periods during the day of the activity. The high school administration may grant exceptions. Failure to do so will result in suspension from that day's activity or contest.

6. For athletic participation, have on file with the athletic department an up-to-date physical examination by a licensed health care provider prior to participation (a physical exam is good for two years).

7. For athletic and activity participation, provide proof of health insurance to the athletic department.

8. Any student/athlete who participates/competes during the school year will be held accountable for violations during the school year. This rule will go into effect once the student/athlete has signed

the co-curricular policy.

9. In order to drop one sport and transfer to another, the athlete must receive written approval from both coaches and the athletic director.

10. Athletes will not conduct themselves in an unlawful manner. (Violations and traffic citations shall not be included unless stated in the policy).

11. No student/athlete may be involved in and/or associated with the use, possession and/or distribution of illegal drugs, alcohol or tobacco products. In addition, no student/athlete may be involved in the abuse of or illegal distribution of legal drugs (prescription medications, steroids, cough syrup, asthma inhalers, inhalants, etc.).

12. No student/athlete shall attend or remain at parties or other functions where alcohol, drugs, or tobacco are being used contrary to the provisions of Oregon Law. When a student/athlete discovers that alcohol and/or drugs are being used illegally he/she shall promptly remove him/herself from the premises. The observation of a coach, teacher, or administrator, investigative evidence, the report of a police officer and/or admission of a violation by a student/athlete is sufficient evidence for disciplinary action.

13. Comply with all Oregon Schools Activities Association (OSAA) and Oregon Department of Education (ODE) policies. ~~There~~ These policies are available at the high school athletic office.

14. Have signed this policy prior to participating in any sport.

Conduct Expectations for Participants/Parents

1. Students who participate in athletics and extracurricular activities are expected to conduct themselves in a manner which reflects the high standards and ideals of their team, school, and community. High personal standards of conduct are expected at all times and individuals can attain maximum achievement and become positive role models for other students and members of the community. All student/athletes must be good citizens demonstrating good conduct at school and in the community before being allowed to represent the Dalles High School at any home or away activity. Conduct, which is unbecoming of a student/athlete and is not listed in these regulations, may lead to disciplinary action up to and including suspension or removal from the team by a head coach and/or the athletic director.

2. To the parent/guardian: This policy is written for the benefit of your son/daughter. Your son/daughter has indicated a desire to participate in co-curricular activities and/or interscholastic athletics and you have expressed your willingness to let him/her participate. Participation in co-curricular activities and sports provide~~s~~ a wealth of opportunities and experiences which assist students in personal development. It should be recognized that involvement in co-curricular activities and/or interscholastic athletics is a privilege. A student who elects to participate in athletics/activities is voluntarily making a choice of self-discipline and commitment. As a result, involvement is conditional, as the health and safety and welfare of students or student athletes must be our first priority. Good training habits and lifestyle are necessary to insure this experience. Failure to comply with the rules of training and conduct means possible disciplinary action. As parents/guardians, you are expected to adhere to district/OSAA/NFHS (National Federation of State High School Associations) sportsmanship and athletic policies.

Attendance Policy

1. Student athletes are required to be on time and in class every day they are scheduled. Absences for medical, family, class activities or other excusable reasons, must be cleared ahead of time through the attendance office. Verification of an unexcused absence will result in the student/athlete not participating in the next activity/athletic contest. An absence will remain unexcused until cleared by the administration.

2. Students will have 24 hours from the point of absence to be excused by the parent or guardian. Failure to do so will result in suspension from the next athletic contest.

3. Out-of-school suspension will result in the student/athlete not practicing or playing or practicing in their sport/activity until the day they return to school. Students will also be suspended for the next contest for accruing an out-of-school suspension.

Attendance Violation Consequences

First Violation Student will be suspended for the next athletic contest or extra-curricular activity. The parents will be notified. The student will be required to attend the contest and support the team, unless the athletic event requires the team to leave during school hours, in which the student will stay in class and not travel with the team.

Second Violation Student will be suspended for the next two athletic contests or extra-curricular activities. The parents will be notified and required to meet with the athletic director and coach before the student can resume activities. The student will be required to attend the contests and support the team, unless the athletic event requires the team to leave during school hours, in which the student will stay in class and not travel with the team.

Third Violation Student will be removed from the team for the remainder of the season.

Rules Violation Consequences

First Violation:

1. Parents/guardians will be notified in writing by certified mail of the eligibility rules violations and consequences by the School Administration. Every reasonable effort will be made to contact parents/guardians.

2. Student/athlete shall be suspended from participation in 33% of the contests for that sports season/activities according to the Athletic Contest Suspension Chart. (on back)

    a. During the suspension period, the student/athlete shall remain a member of the co-curricular group or team and is required to practice and attend all contests/activities, unless the contest is away and students leave during school time.
    b. Suspensions will carry over from one sport season/activity to the next if the terms of the suspension have not been completed.

3. The student/athlete will need to arrange and satisfactorily complete an online (or equivalent) drug assessment and drug counseling.

Second Violation:

1. Parents/guardians will be notified in writing by certified mail of the eligibility rules violations and consequences by the athletic director. Every reasonable effort will be made to contact parents/guardians.

    a. The student/athlete shall be suspended from participation in 50 percent of the contests for that sports season/activity according to the Athletic/Activity Contest Suspension Chart. (on back)
    b. During the suspension period, the student/athlete shall remain a member of the co-curricular group or team and is required to practice and attend all contests/activities, unless the contest is away and students leave during school time.
    c. Suspensions will carry over from one sport season/activity to the next if the terms of the suspension have not been completed.

2. At this time, the student/athlete will need to meet with an approved drug/alcohol/behavioral to begin rehabilitation/therapy.

    The drug assessment and/or counseling program used must be approved by the athletic director.

Third Violation:

1. Parents/Guardians will be notified in writing by certified mail of the eligibility rules violations and consequences by the athletic director. Every reasonable effort will be made to contact parents/ guardians.

2. Student/Athlete will lose the privilege to compete in all sports/activities for one calendar year.

Appeals Process

After the third violation, the student/athlete may appeal to have eligibility reinstated by the following steps:

1. Successful completion of a treatment program as approved by the athletic director (i.e., drug and alcohol treatment, anger management, “Theft Talk”).

2. Request and complete an appearance before the **Appeals Board**.

    The **Appeals Board** will consist of one staff member, two high school coaches or staff members and a member of the public as picked by the High School Administration. The **Appeals Board** will also include two adults chosen by the student/athlete.

3. If, by simple majority, the **Appeals Board** approves the request, eligibility for practice will be reinstated but the student/athlete will be ineligible to participate in activities/athletic contests for the

~~equivalence~~ equivalent of one full sports season.

4. Once reinstated, if the student/athlete violates 7, 8, 9 or 10 of the eligibility section of the Co-Curricular Participation Policy, eligibility shall be terminated.

5. To regain eligibility to compete in contests, the student/athlete may be required, at the athletic director's discretion, to pass a zero tolerance drug test. The test used must be approved by the athletic director.

6. The student/athlete has the right to appeal to the North Wasco School District Board of Directors.

7. The required costs are the responsibility of the student/athlete and parent/guardian.

Self-Identification

If a student/athlete notifies the athletic director of an addiction/problem, that student/athlete will not be found in violation of this policy. The athletic director will follow the self-identification process to help the student/athlete with an addiction/problem. At that point the student/athlete is still governed by the Co-Curricular Participation Policy.

1. If drug paraphernalia, alcohol. Tobacco, or other drugs (mood-altering substances) are involved, the student/athlete will arrange and satisfactorily complete drug assessment and drug counseling.

   The drug assessment and counseling program used must be approved by the athletic director.

2. To continue eligibility to compete in contests, the student/athlete must agree to participate in a zero tolerance drug testing program at the athletic director's discretion. The test used must be approved by the athletic director.

3. The required costs are the responsibility of the student/athlete and parent/guardian.

Handicapped Conditions

In case of identified handicaps, OSAA guidelines will prevail.

Co-Curricular Participation Policy Conditions

The co-curricular policy will ~~be in effect~~ become effective upon signature of the student and parent/guardian. It will remain in effect year round and continuously during the course of the student's participation in co-curricular activities. ~~from the first Fall OSAA-sanctioned practice or co-curricular activity to the conclusion of the Spring sports/activities season or the end of the school year, whichever is later.~~

I have read and agree to abide by the Co-Curricular Participation Policy as written. If policy modifications occur, this policy must be signed annually. All violations of the previous Co-Curricular Participation Policy shall carry over to the new revised policy. My signature below indicates that as a parent/guardian and/or student/athlete I have full knowledge, understanding and agreement to the standards set forth in this student/athletic policy.

Student/Athlete _____ Date _____

Parent _____ Date _____

Online drug assessment may be an educational tool designed to help educate the student or student athlete on the dangers associated with substance abuse.

ATHLETIC/ACTIVITY CONTEST SUSPENSION CHART

# of Contests	Sport	1st Violation 33%	2nd Violation 50%
9	Football	3	5
14	Soccer	4-5	7
18	Volleyball	6	9
12	Cross Country	4	6
24	Basketball	8	12
12	Swimming	4	6
14	Wrestling	4-5	7
10	Skiing	3	5
26	Baseball	8-9	13
26	Softball	8-9	13
12	Track	4	6
16	Tennis	5	8
20	Golf	6	10
*	Rally Squad	*	*

Revised 07/03/15

* Each Rally Squad member shall be penalized according to the sports season in which they participate (i.e., football, basketball, wrestling).

* Rally Squad members will be treated as athletes under the Athletic/Co-Curricular Participation.

* Contest Participation limitations are subject to change.

Definitions

"Student/athlete" means a student who wishes to participate under the following OSAA-sanctioned sports/activities: band, baseball, basketball, cheerleading, choir, cross country, dance, football, golf, orchestra, soccer, softball, solo music, speech, swimming, tennis, track and field, volleyball, wrestling.

"Athletics/activities" means any sport/activity listed under the OSAA sports and activities including: band, baseball, basketball, cheerleading, choir, cross country, dance, football, golf, orchestra, soccer, softball, solo music, speech, swimming, tennis, track and field, volleyball, wrestling.