

# 819 21ST ST SE | ELEMENTARY - 4 PORTABLES NEXT TO JH

819 21ST ST SE (ELEM_4 PORTABLES)							
ROOM #	ROOM NAME	USE	CRITERIA	CRITERIA	CRITERIA	STALL REQ'D	
PE #22	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #23	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #24	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #25	RESTROOM	NOT COUNT					
PE #26	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #27	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #28	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PE #29	CLASSROOM	CLASSROOM	1.5	STALL/CR	1	CR 1.5	
PLEASE REFER TO PARKING CHART PROVIDED						TOTAL 10.5	

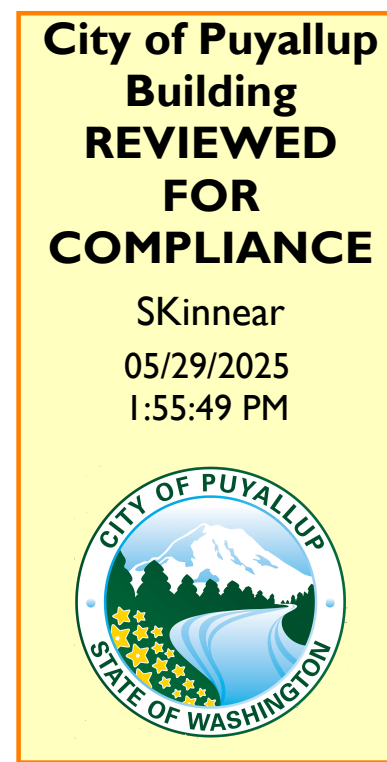
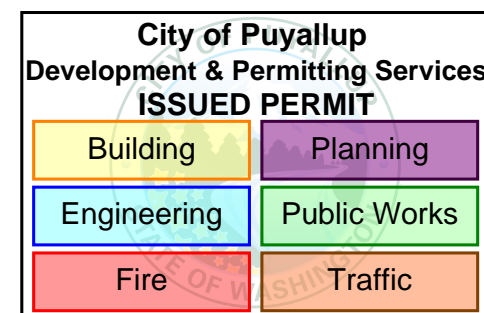
## 1 PARKING CALC

819 21ST ST SE (ELEM_4 PORTABLES)		2021 IBC				HEALTH DEPARTMENT		
ROOM #	ROOM NAME	OCC TYPE	AREA	AREA PER OCC	OCC LOAD	CFM	CFM PER OCC	OCC LOAD
PE #22	CLASSROOM	CLASSROOM	869	20	43	400	15	26
PE #23	CLASSROOM	CLASSROOM	869	20	43	400	15	26
PE #24	RESTROOM	N/A						
PE #25	MUSIC	CLASSROOM	869	20	43	400	15	26
PE #26	CLASSROOM	CLASSROOM	869	20	43	400	15	26
PE #27	CLASSROOM	CLASSROOM	869	20	43	400	15	26
PE #28	CLASSROOM	CLASSROOM	869	20	43	400	15	26
PE #29	CLASSROOM	CLASSROOM	869	20	43	400	15	26
						TOTAL		182

## 2 OCCUPANT LOAD CALC

APPLICABLE CODE	OCCUPANCY	SQFT	OCC FOR PLUMB (SF/100)**	OCCUPANT LOAD			WC		LAV		Drinker Fountain REQ'D 1:150 1 EVERY 500
				TOTAL OCC LOAD	MALES (TOTAL/2)	FEMALE (TOTAL/2)	M REQ'D 1:35	F REQ'D 1:25	M REQ'D 1:85	F REQ'D 1:50	
2021 IBC	E SCHOOL	7168	72	72	36	36	1	1	0	1	1
				TOTAL REQ'D			1	1	0	1	1
				PROVIDED			3 WC + 2 UR	6	5	6	1

## 3 PLUMBING CALC



## GENERAL NOTES

- CODE CONFLICTS**  
ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH MOST CURRENT APPLICABLE CODE AND ORDINANCES OF PIERCE COUNTY
- DISCREPANCY**  
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPORT DISCREPANCIES FOUND WITHIN THESE DOCUMENTS TO THE ARCHITECT AS SOON AS THEY ARE DISCOVERED
- SCALING DRAWINGS**  
DO NOT SCALE THE DRAWINGS. CONTACT ARCHITECT WITH ANY CONFLICTS
- DIMENSIONS**  
DIMENSIONS ARE TO FACE OF STUD AND FACE OF CONC. U.N.O. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, AND MEMBER SIZES PERTAINING TO THE WORK PRIOR TO PROCEEDING. ALL DIMENSIONS OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE ARCHITECT MUST BE NOTIFIED IN WRITING OF ANY VARIATION FROM THE DIMENSIONS AND/OR CONDITIONS SHOWN ON THESE DRAWINGS.
- DOORS AND WINDOWS**  
ALL WINDOW AND DOOR SIZES SHALL BE VERIFIED AND FIELD MEASURED PRIOR TO FABRICATION
- EXISTING CONDITIONS**  
THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AT THE SITE AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCERTAINTIES OR DISCREPANCIES WITHIN THESE DOCUMENTS. CONTRACTOR SHALL PROTECT THE EXISTING SITE WORK, LANDSCAPING, AND AREAS OF THE SITE NOT IN THE SCOPE OF WORK
- DEMOLITION**  
CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. PROTECT EXISTING STRUCTURE TO REMAIN
- HEALTH AND SAFETY**  
CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY PRECAUTIONS AND THE MEANS AND METHODS TO PERFORM THE WORK. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS
- QUALITY STANDARDS**  
ALL CONSTRUCTION SHALL MEET OR EXCEED INDUSTRY STANDARDS. DETAILS ARE PROVIDED FOR MINIMUM QUALITY AND TO GIVE STANDARDS OF CONSTRUCTION. IF CONDITION IS NOT SPECIFICALLY DETAILED, SUBMIT A DETAIL FOR GUIDANCE AND REVIEW FOR ACCEPTANCE. CONTRACTOR SHALL PROVIDE BLOCKING AS REQUIRED FOR ALL CASEWORK, FIXTURE, AND SPECIALTY ITEMS.

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.  
<https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections> or call for Licensing Information: 1-800-647-0982

## LIST OF DRAWINGS

- GENERAL**
  - G0.1 PROJECT INFORMATION
- ARCHITECTURAL**
  - A1.1 PARTIAL SITE PLAN
  - A1.2 ENLARGED PARTIAL SITE PLAN & CODE STUDY
  - A1.3 CODE STUDY
- STRUCTURAL**
  - S1.1 FOUNDATION PLAN
- RAMP/STAIR**
  - S100 LANDING, RAMP, AND STAIR DRAWING
- SUPPLEMENTARY PLUMBING FROM ATCO L&I PACKAGE\***
  - 1/3 OVERALL FLOOR PLAN
  - 2/3 OVERALL PLUMBING PLAN
  - 3/3 PLUMBING DETAIL

## CODE/ZONING INFORMATION

- GOVERNING CODE**
  - 2021 INTERNATIONAL BUILDING CODE
  - 2021 INTERNATIONAL MECHANICAL CODE
  - 2021 UNIFORM PLUMBING CODE
  - 2021 WASHINGTON STATE ENERGY CODE, COMMERCIAL
  - ADOPTED BY WA STATE BUILDING CODE COUNCIL AND ANY CITY OF PUYALLUP ORDINANCE
- ZONING**
  - RS-08/RS-04
  - HEIGHT LIMIT: 35'

## SYMBOLS LEGEND

- ROOM IDENTIFICATION: XXX, XXXX
- DOOR NUMBER: XXX
- WINDOW NUMBER: XX
- EQUIPMENT NUMBER: XX
- WALL TYPE: XX
- CENTERLINE: C
- NORTH ARROW: N
- DATUM: D
- REVISION: #
- COLUMN GRID/LINE: X
- ENLARGED DETAIL MARK: X (A.X.X)
- BUILDING SECTION MARK: X (A.X.X)
- DETAIL MARK: X (A.B.B)
- EXTERIOR ELEVATIONS SYMBOL: X (A.X.X)
- INTERIOR ELEVATION SYMBOL: X (A.X.X)
- MATERIAL CALL OUT/TAG: XX-#

## PROJECT INFORMATION

**PROJECT NAME**  
CASCADE CHRISTIAN SCHOOLS - ELEMENTARY (819)\_4 PORTABLES

**PROJECT ADDRESS**  
819 21ST STREET SE | PUYALLUP, WA 98372

**PROJECT DESCRIPTION**  
PLACE 4 DOUBLE PORTABLES ON SITE, INCLUDING (1) WET PORTABLES

**TAX PARCEL NUMBER**  
0420352148

**RELATED PERMIT**  
CUP/SEPA: PFCUP20240037  
CUT & FILL: PRGR20241060  
CIVIL: PRCCP20241229  
JH PORTABLE: PRPF20241231  
ELEM PORTABLE (6): PRPF20241230

**DEFERRED PERMITS**  
PORTABLE (L&I), FIRE ALARM

**LEGAL DESCRIPTION**  
SEE SITE CIVIL PERMIT

## PROJECT DIRECTORY

**THE OWNER**  
CASCADE CHRISTIAN SCHOOLS  
RAY OSSMAN  
815 21ST ST SE  
PUYALLUP, WA 98444  
253.841.1776

**CIVIL ENGINEER**  
VADER ENGINEERING, LLC  
REBECCA VADER, PE  
6817 21ST ST W #65353  
TACOMA, WA 98444  
rvader@vaderengineering.com

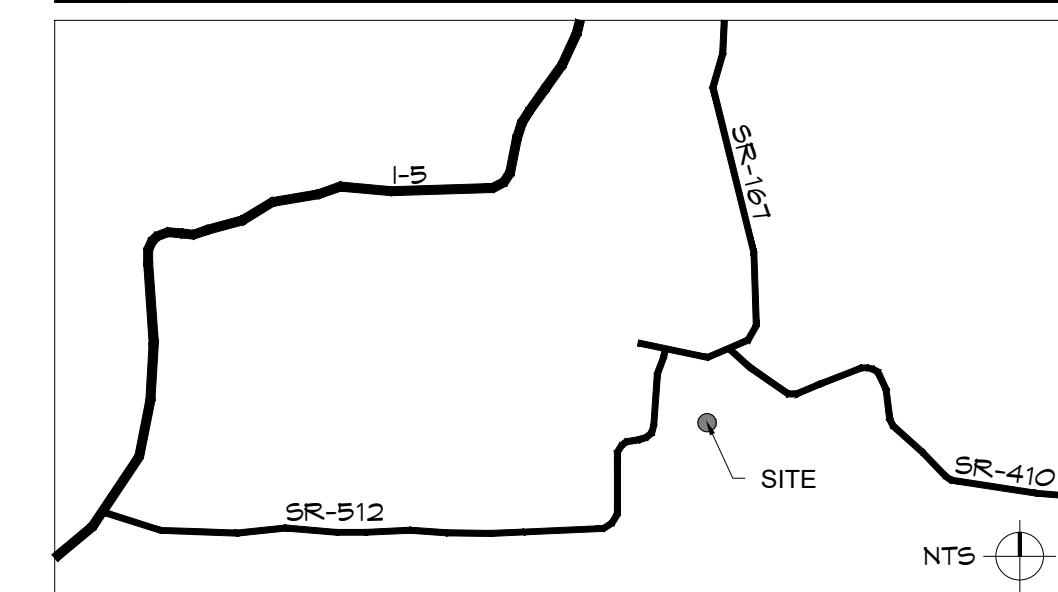
**THE ARCHITECT**  
JEFF BROWN ARCHITECTURE  
JEFF BROWN, ARCHITECT, AIA  
SONG CHO (CONTACT PERSON)  
12181 C STREET S  
TACOMA, WA 98444  
songyi.cho@hotmail.com

**LANDSCAPE ARCHITECT**  
JGM LANDSCAPE ARCHITECTS INC  
CRAIG LEWIS, PLA  
12610 NE 104TH STREET  
KIRKLAND, WA 98033  
craig@jgm-inc.com  
206-795-3196

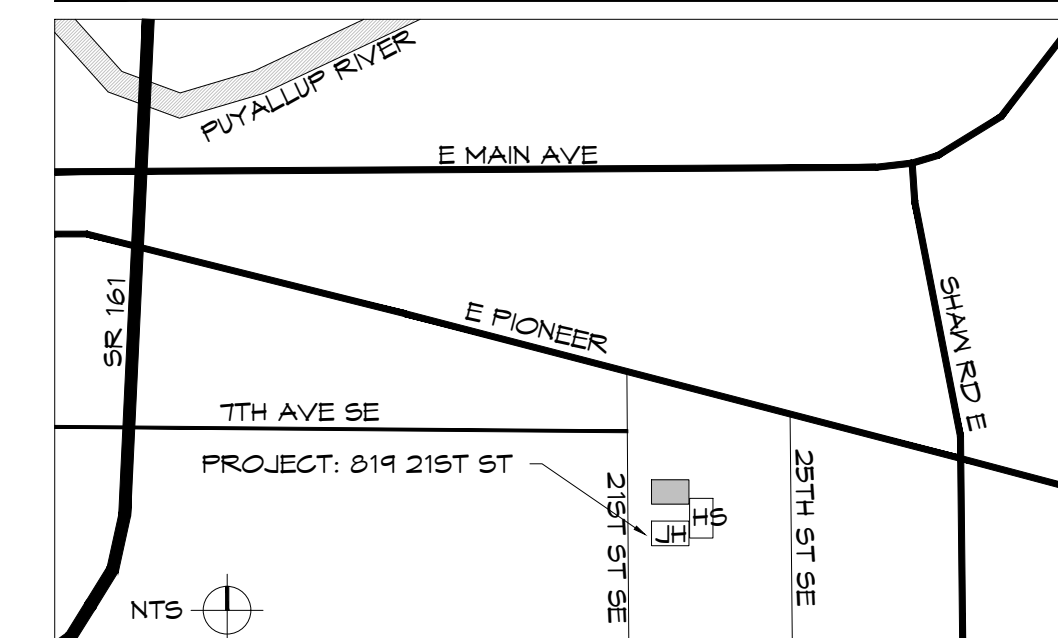
**CONTRACTOR**  
MOUNTAIN CONSTRUCTION  
KEN SCHMIDT  
7457 S MADISON  
TACOMA, WA 98409  
ken@mountainconst.com  
253.747.5281

**PORTABLE**  
ATCO STRUCTURE & LOGISTICS, INC  
BEN TUCKER (MANAGER)  
STACEY CRUTCHFIELD (CRDNATOR)  
stacey.crutchfield@atco.com

## VICINITY MAP

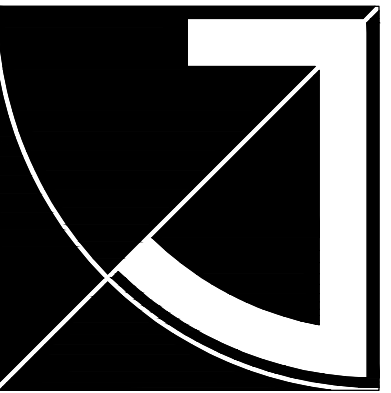


## LOCATION MAP



## ABBREVIATIONS

&	AND	GWB	GYPSUM WALL BOARD
<	ANGLE	HDR	HEADER
@	AT	INT.	INTERIOR
°	DEGREE	MFR	MANUFACTURE
∅	DIAMETER	NTS	NOT TO SCALE
B/W	BETWEEN	O.C.	ON CENTER
BLCK	BLOCKING	RC	RAIN CHAIN
€	CENTERLINE	PW, PLW	PLY WOOD
APP.	APPROXIMATE(LY)	REF	REFRIGERATOR
CLR.	CLEAR(ANCE)	SCHD	SCHEDULE
C.O.	CLEAR OPENING	SHTG	SHEATHING
COL.	COLUMN	S.D.	SMOKE DETECTOR
CONC.	CONCRETE	TEM	TEMPER/SAFETY
C.J.	CONTROL JOINT	GLASS	GLASS
DEMO	DEMOLISH (ION)	T.O.BM	TOP OF BEAM
DN	DOWN	T.O.P.	TOP OF PLATE
DIM	DIMENSION	T.O.S.	TOP OF STEEL
D/W	DISH WASHER	TYP.	TYPICAL
ELEC.	ELECTRIC (AL)	U.N.O.	UNLESS NOTICED
E.Q.	EQUAL		OTHERWISE
E.J.	EXPANSION JOINT	VIF	VERIFY IN FIELD
EXT.	EXTERIOR	WIN	WINDOW
F.O.F.	FACE OF FINISH	W.T.	WEATHER THRESHOLD
F.F.	FINISH FLOOR	W/	WITH
FT	FOOT (FEET)	W/O	WITHOUT
FTG	FOOTING	WD	WOOD
FND	FOUNDATION		

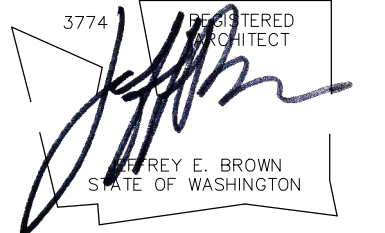


## JEFF BROWN ARCHITECTURE

JEFFREY E. BROWN  
253.606.8324  
TACOMA, WA 98444

### PROJECT LEAD

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253.606.8324  
jeff@jeffbrownarchitecture.com



PROJECT NAME/ADDRESS

CASCADE CHRISTIAN SCHOOLS  
ELEMENTARY SCHOOL  
PORTABLE PLACEMENTS

811 21ST STREET SE  
PUYALLUP, WA 98372  
PRPF20250508

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PROJECT NUMBER  
24001

DRAWING TYPE

## PERMIT DOCUMENT

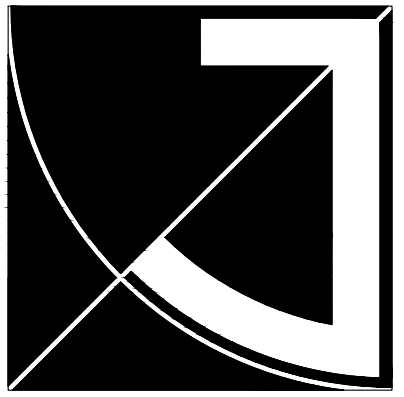
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04.14.25	PREMIT	
05.23.25	REVISION	

SHEET TITLE

## GENERAL INFORMATION

SHEET #

G0.1

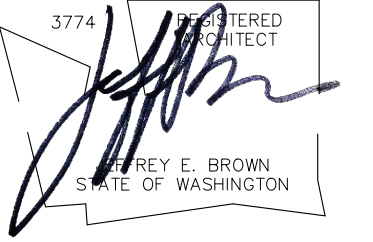


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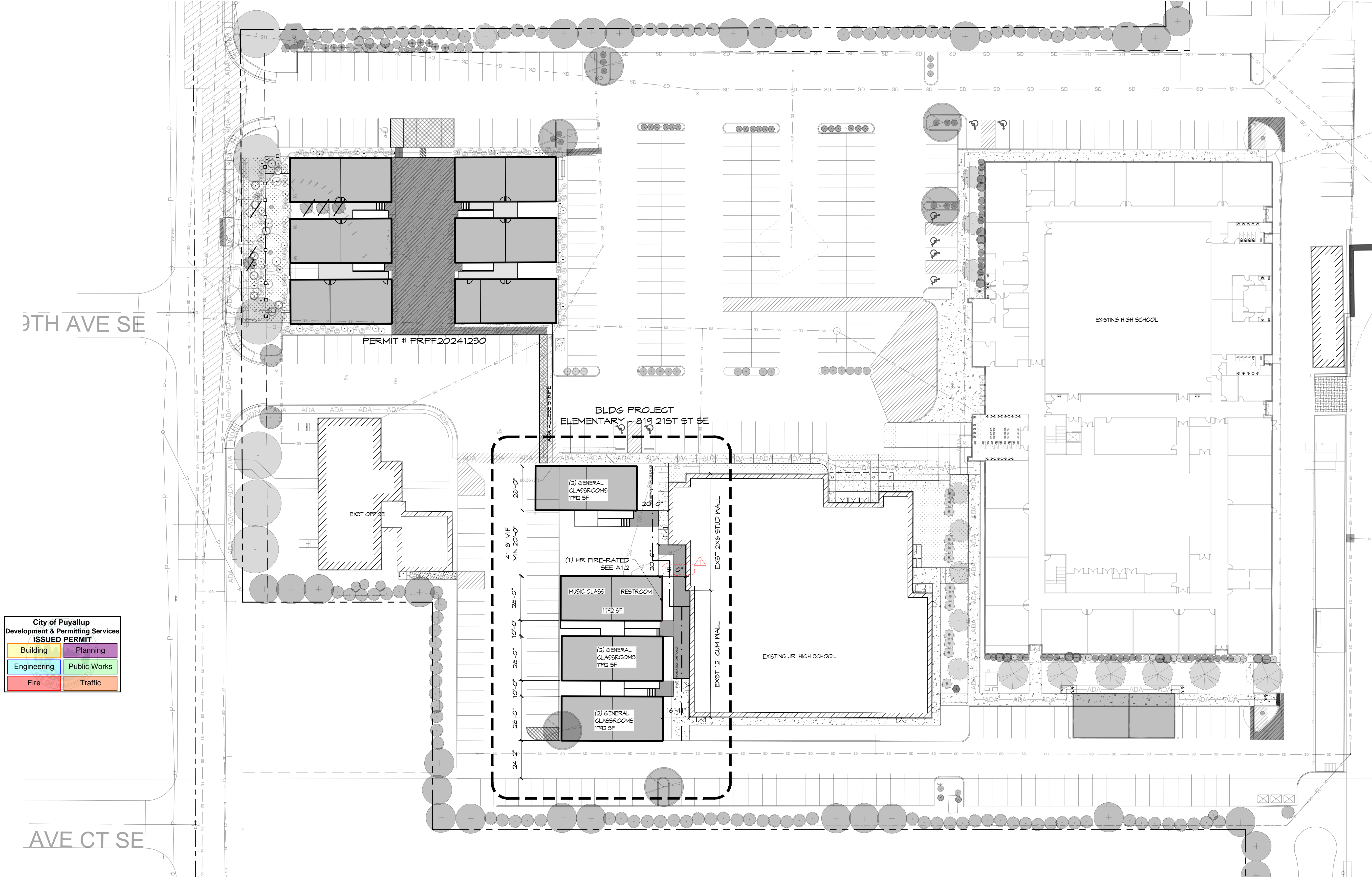
05.23.25 REVISION

SHEET TITLE

PARTIAL SITE PLAN

SHEET #

A1.1



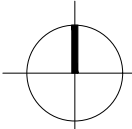
9TH AVE SE

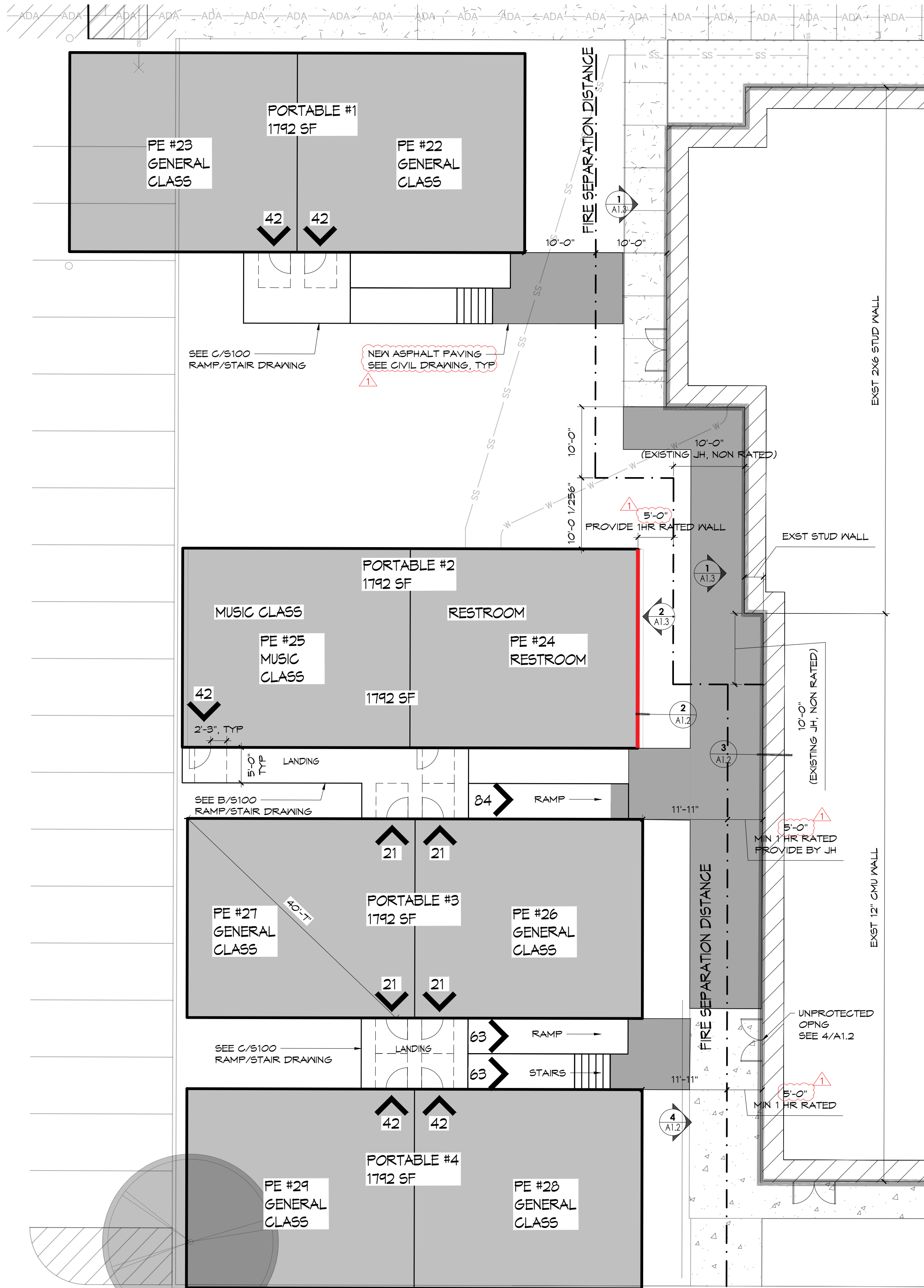
AVE CT SE

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PARTIAL SITE PLAN  
(11x17) SCALE: 1" = 60'  
(22x34) SCALE: 1" = 30'





**1 PARTIAL SITE PLAN & CODE STUDY**  
 (11X17) SCALE: 1" = 20'  
 (22X34) SCALE: 1" = 10'

**CODE/ZONING INFORMATION**

**TABLE 705.2 MINIMUM DISTANCE OF PROJECTION**  
 NO ROOF OVERHANG OR ANY PROJECTION BEYOND FIRE-RESISTANCE WALL

**TABLE 705.5 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXT. WALLS**  
 PORTABLE #1 | FSD = 10'-0" | VB CONSTRUCTION, E OCC  
 0 HOUR FIRE-RESISTANCE

**PORTABLE #2** | FDS = 5'-0" | VB CONSTRUCTION, E OCC  
**1 HOUR FIRE-RESISTANCE**  
 PORTABLE #3 & 4 | FDS = 10'-0" | VB CONSTRUCTION E OCC  
 0 HOUR FIRE-RESISTANCE

**EXISTING JH GYM W/ 12" CMU** | FDS = 6'-11" | IIIB TYPE, E OCC  
**1 HOUR FIRE RESISTANCE**  
 EXISTING JH CLASS WING | FDS = 10'-0" | VB TYPE, E OCC  
 0 HOUR FIRE-RESISTANCE PROVIDED

**TABLE 705.8 MAX AREA OF EXTERIOR WALL OPNG**  
 5' <= FSD < 10' | UNPROTECTED, NON SPRINKLERED = MAX 10%  
 5' <= FSD < 10' | UNPROTECTED, SPRINKLERED = MAX 25%  
 \*FSD = FIRE SEPARATION DISTANCE

**TABLE 717.3.2.1 FIRE DAMPING RATINGS**  
 LESS THAN 3 HR FIRE RESISTANCE -> MIN 1.5 HOUR DAMPER RATING

**722.6 WOOD ASSEMBLIES**  
 SEE 2/A1.2

**903.2.3 GROUP E, EXCEPTION 1**  
 NO FIRE-SPRINKLER REQUIRED:

PORTABLE SCHOOL CLASSROOMS WITH AN OCCUPANT LOAD OF 50 OR LESS  
 CALCULATED IN ACCORDANCE WITH TABLE 1004.5.  
 -> PER TABLE 1004.5, EA CLASSROOM WILL HAVE 42 STUDENTS < 50 STUDENTS  
 PROVIDED THAT THE AGGREGATE AREA OF ANY CLUSTER OF PORTABLE SCHOOL  
 CLASSROOMS DOES NOT EXCEED 6,000 SF;  
 -> [3] CLUSTER OF PORTABLE SCHOOLS = 5,376 SF < 6,000 SF

AND CLUSTERS OF PORTABLE SCHOOL CLASSROOMS SHALL BE SEPARATED AS  
 REQUIRED BY THE BUILDING CODE  
 -> PROVIDE APPROPRIATE FIRE SEPARATION AND/OR FIRE-RESISTANCE WALL

**906 PORTABLE FIRE EXTINGUISHERS**  
 2A:10B,C REQUIRED

**907 FIRE ALARM AND DETECTION SYSTEMS**  
 FIRE-ALARM SYSTEM TO BE CONNECTED TO EXISTING SCHOOL SYSTEM

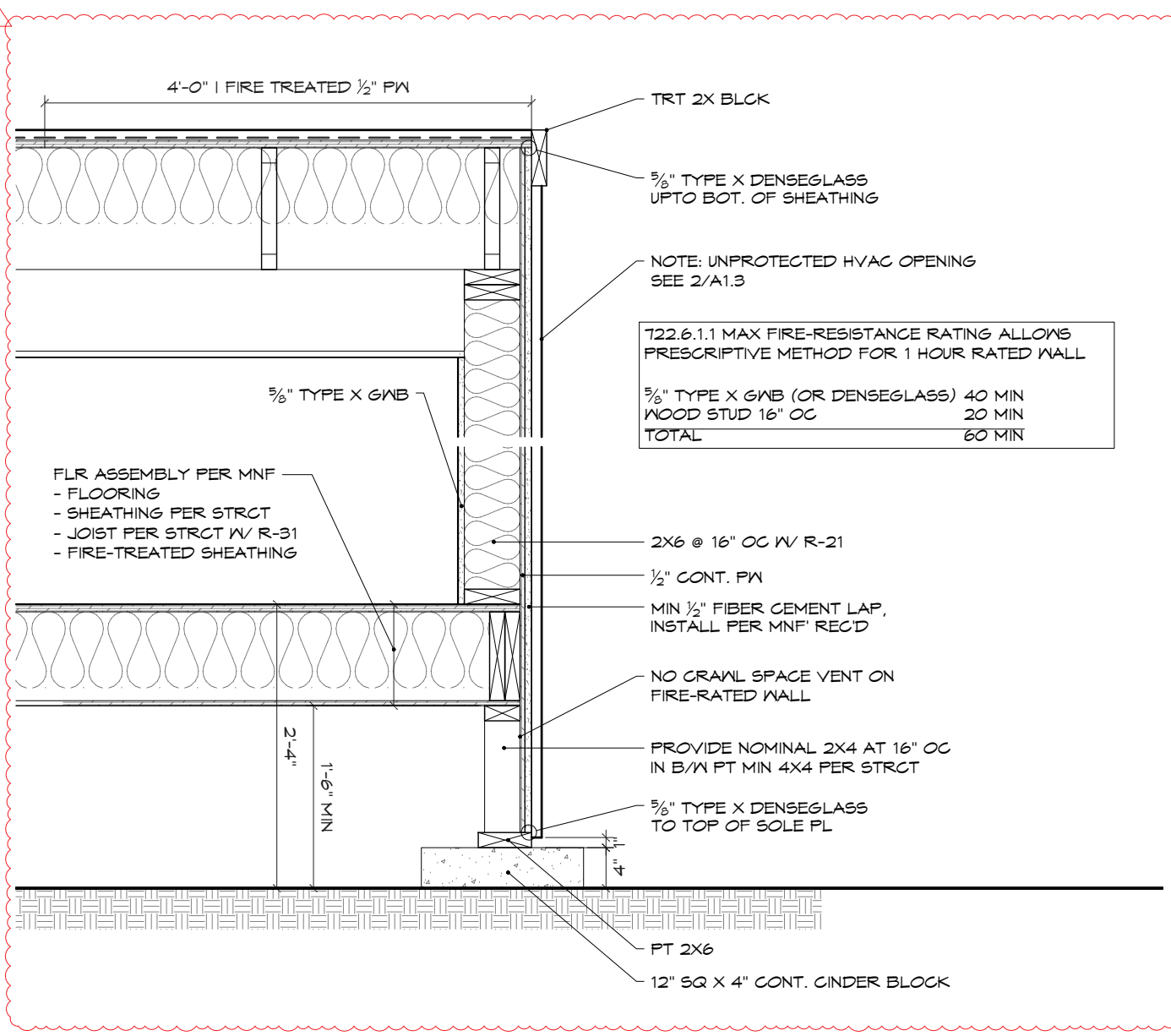
**TABLE 1004.5 MAX FLOOR AREA ALLOWANCE PER OCC**  
 EDUCATIONAL CLASSROOM AREA : 20 NET  
 EA, CLASSROOM NET SF = 840 SF -> 42 STUDENTS \*  
 \* HOWEVER, ALLOWABLE STUDENTS PER HEALTH DEPARTMENT CODE IS LESS DUE  
 TO MECHANICAL AIR FLOW REQUIREMENT, PER HEALTH DEPARTMENT, MAX # OF  
 STUDENTS ARE 26 PER CLASSROOM, HOWEVER, FOR THE PURPOSE OF THE  
 BUILDING CODE ANALYSIS, WE WILL USE 42 STUDENTS.  
 PLEASE REVIEW G0.1 FOR OCCUPANT LOAD CALCULATION

**SECTION 1005 MEANS OF EGRESS SIZING**  
 1005.3.1 STAIRWAYS:  
 OCC LOAD \* 0.3 | 63 OCC \* 0.3" = 18.9" -> PROVIDE 5'-0" WIDE

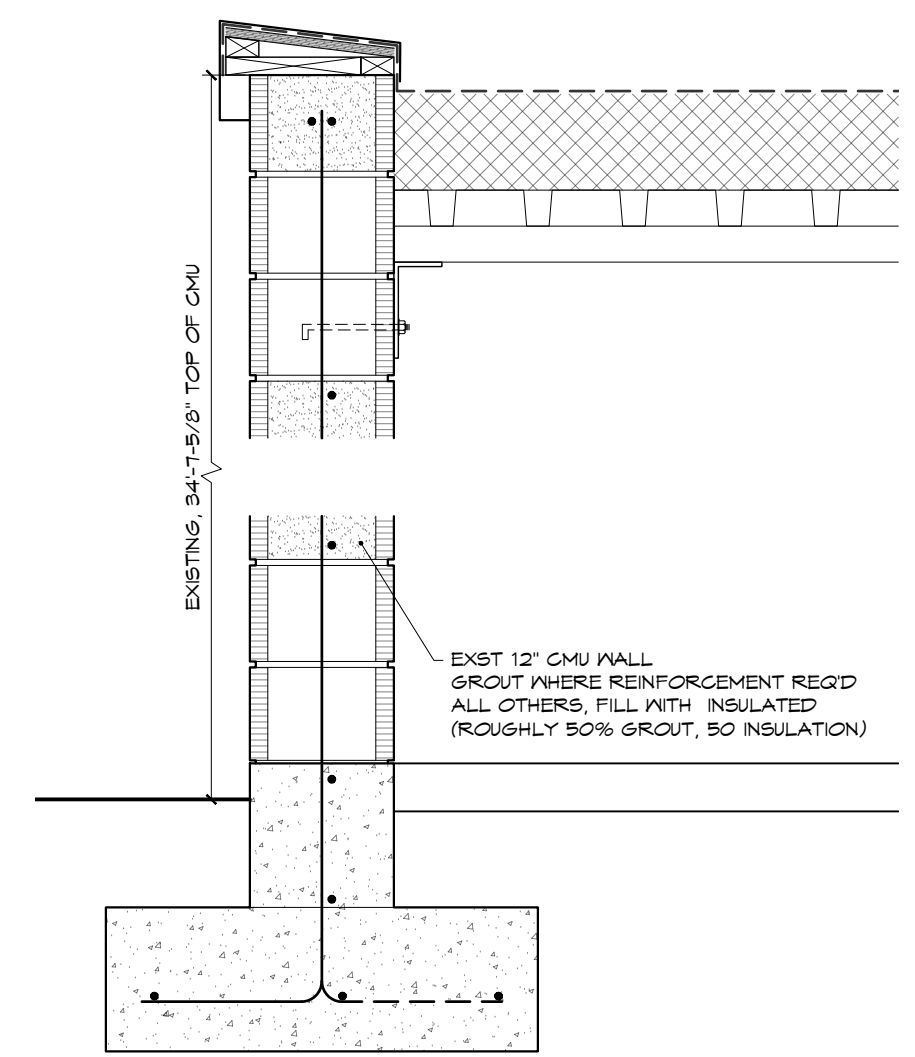
1005.3.2 OTHER EGRESS  
 OCC LAOD \* 0.2 | 84 OCC \* 0.2 = 16.8" -> PROVIDE 5'-0" WIDE

TABLE 1006.2.1 SPACES WITH ONE EXIT  
 PORTABLE CLASSROOM ONLY REQUIRES (1) EXIT  
 OCC E | OCC LOAD: 42 (<49) | DISTANCE: 40'-7" (<75')

**TABLE 2902.1 MIN NUMBER OF REQUIRED PLUMBING FIXTURES**  
 PLEASE REVIEW G0.1 FOR PLUMBING CALC



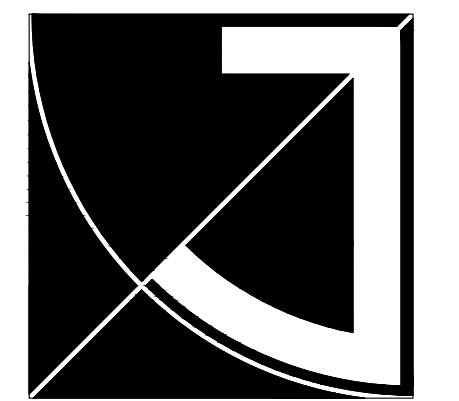
**2 PORTABLE DETAIL - 1HR FIRE RESISTANCE**  
 (11X17) SCALE: 3/8" = 1'-0"  
 (22X34) SCALE: 3/4" = 1'-0"



**3 EXISTING JH GYM WALL SECTION**  
 (11X17) SCALE: 3/8" = 1'-0"  
 (22X34) SCALE: 3/4" = 1'-0"

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 Development & Permitting Services  
**ISSUED PERMIT**

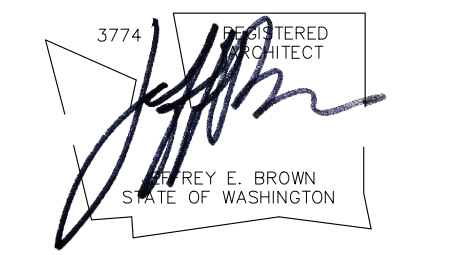
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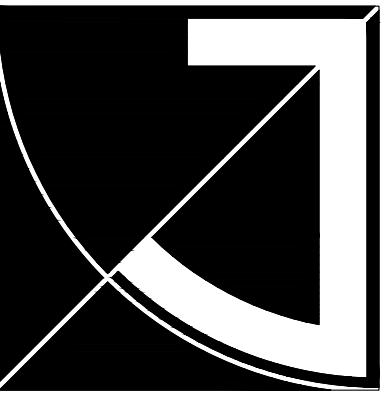
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04.14.25	PREMIT	
05.23.25	REVISION	1

SHEET TITLE

**PARTIAL SITE & CODE STUDY**

SHEET #

**A1.2**

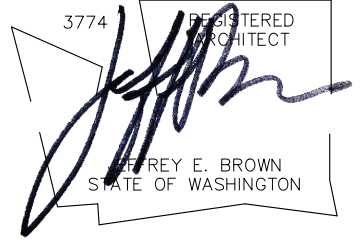


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## PROJECT LEAD

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PROJECT NAME/ADDRESS

**CASCADE CHRISTIAN SCHOOLS**  
**ELEMENTARY SCHOOL**  
**PORTABLE PLACEMENTS**

811 21ST STREET SE  
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**PRPF20250508**

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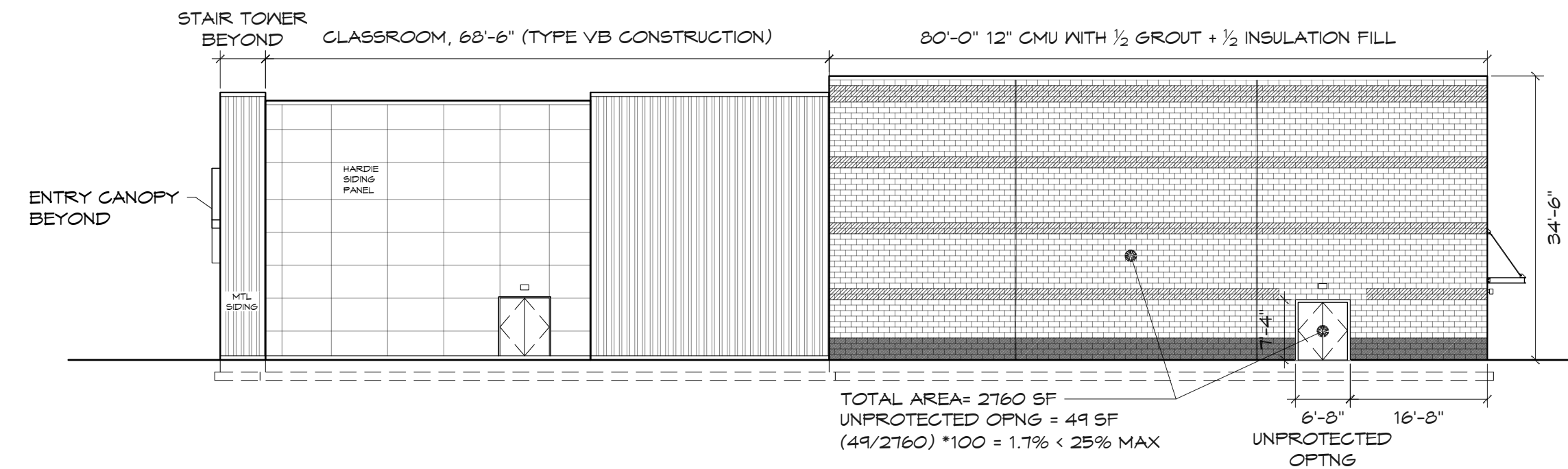
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05.23.25	REVISION	▲

SHEET TITLE

## CODE STUDY

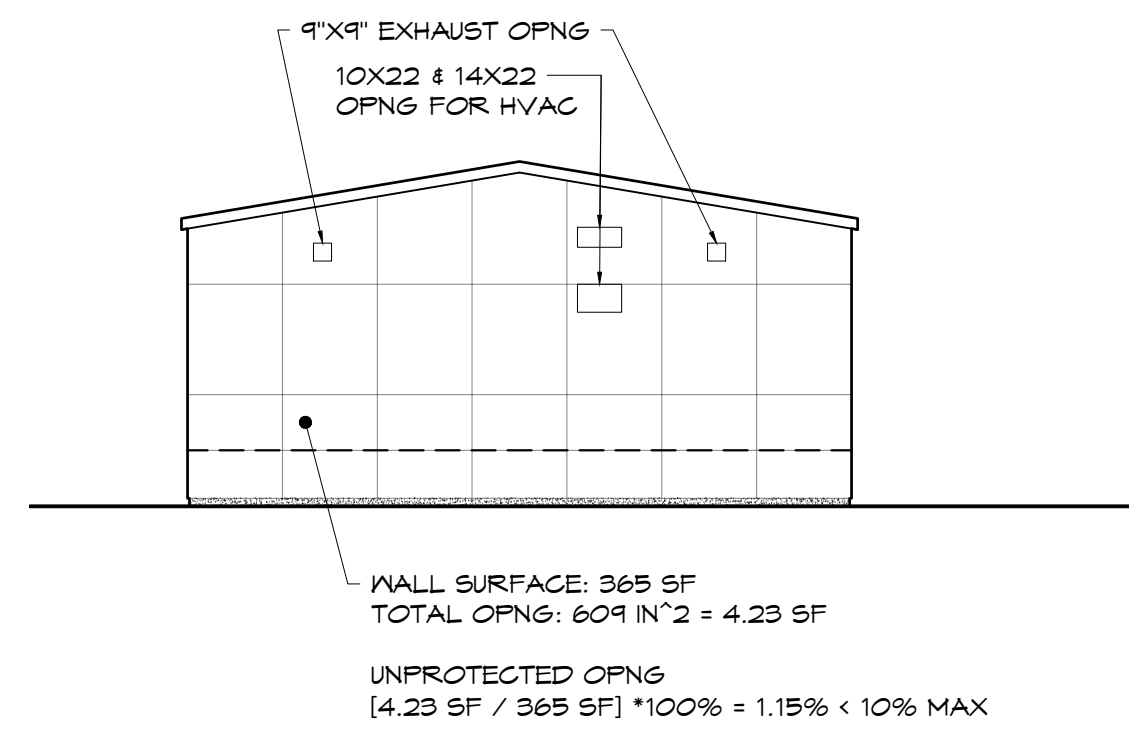
SHEET #

**A1.3**



## 1 UNPROTECTED OPENING CALC - JH

(11X17) SCALE: 1/32" = 1'-0"  
(22X34) SCALE: 1/16" = 1'-0"



## 2 UNPROTECTED OPENING CALC - PORTABLE

(11X17) SCALE: 1/16" = 1'-0"  
(22X34) SCALE: 1/8" = 1'-0"

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

**STRUCTURAL NOTES**

**I. GENERAL:**

- BUILDING DIMENSIONS FROM THE MODULAR BUILDING MANUFACTURERS MAY VARY AND ADJUSTMENTS MAY BE MADE IN THE FIELD.
- ANY VARIATION IN INSTALLATION OR MATERIALS OF THE FOUNDATION REQUIRES ENGINEER CONCURRENCE PRIOR TO PURCHASE AND INSTALLATION OF THE FOUNDATION MATERIALS..

**2. DESIGN INFORMATION & LOADING:**

- BUILDING CODE  
IBC, 2021 EDITION & OSSC-2019
- BUILDING RISK CATEGORY II
- ROOF LIVE LOADS:  
14 PSF-GROUND SNOW LOAD  
25 PSF-ROOF DESIGN SNOW LOAD  
20 PSF-ROOF DESIGN LIVE LOAD
- FLOOR LIVE LOAD: CLASSROOM  
40 PSF UNIFORM  
1,000# CONCENTRATED
- WIND CRITERION:  
100 MPH, EXP B, KZT=1.0  
SEISMIC CRITERION: S<sub>ds</sub>=0.633, I<sub>e</sub>=1.0,  
SEISMIC CATEGORY, D  
BUILDING IS ON ASPHALT & CONCRETE PAVEMENT.  
REF: LAYOUT S

**CONTRACTOR NOTE**  
**USE THIS FOUNDATION**  
**PLAN ONLY**

**3. ABS PADS :**

- 18"x16"x1", MIN. ABS PADS ARE USED.  
REF: LAYOUT S

**4. MASONRY:**

- 8x16 UNITS ASTM C-90, GRADE N
- UNITS MAY BE 8" &/OR 4" NOMINAL HEIGHT UNITS.
- SET SINGLE DRY-STACKED UNITS W/CORES VERTICAL & NO MORE THAN 36-INCHES HIGH, PER PLAN.
- SET DOUBLE ALTERNATING DRY-STACKED UNITS W/CORES VERTICAL & NO MORE THAN 67-INCHES HIGH, PER PLAN.
- IF HIGHER THAN 67-INCHES A SPECIAL STRUCTURAL REVIEW IS REQUIRED.

**5. WOOD:**

- ALL WOOD MEMBERS OF THE FOUNDATION SYSTEM SHALL BE SPF-STD OR BETTER, UNLESS NOTED OTHERWISE.
- ALL WOOD IN CONTACT WITH SOIL, ASPHALT, MASONRY, OR CONCRETE SHALL BE PRESSURE TREATED (P.T.), FOR EXPOSURE.
- ALL WOOD WITHIN 18-INCHES OF SUBGRADE TO BE TREATED FOR EXPOSURE AND INSECTS.
- CONNECTORS IN CONTACT WITH P.T. WOOD TO BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL CONNECTORS.

**6. SPECIALTY ITEMS:**

TRANSVERSE AND LONGITUDINAL ANCHORS TO BE ASPHALT ANCHOR- TIE DOWN ENGINEERING PRODUCT# 59367 OR EQUIVALENT MIN 1889 LB. SOIL ANCHOR MMA 30, 4430 DH 3/4" ROD, DdL. 4" DISC 30" ANCHOR

- COMPLETE FINAL ADJUSTMENT OF TIES TO BUILDING ONLY AFTER BUILDING IS FULLY BLOCKED AND LEVELED.
- INSTALL ALL SPECIALTY ITEMS PER THE MANUFACTURER'S RECOMMENDATIONS.

**7. ACCESS:**

- PROVIDE MINIMUM 18"x24" ACCESS TO THE UNDER FLOOR AREA.

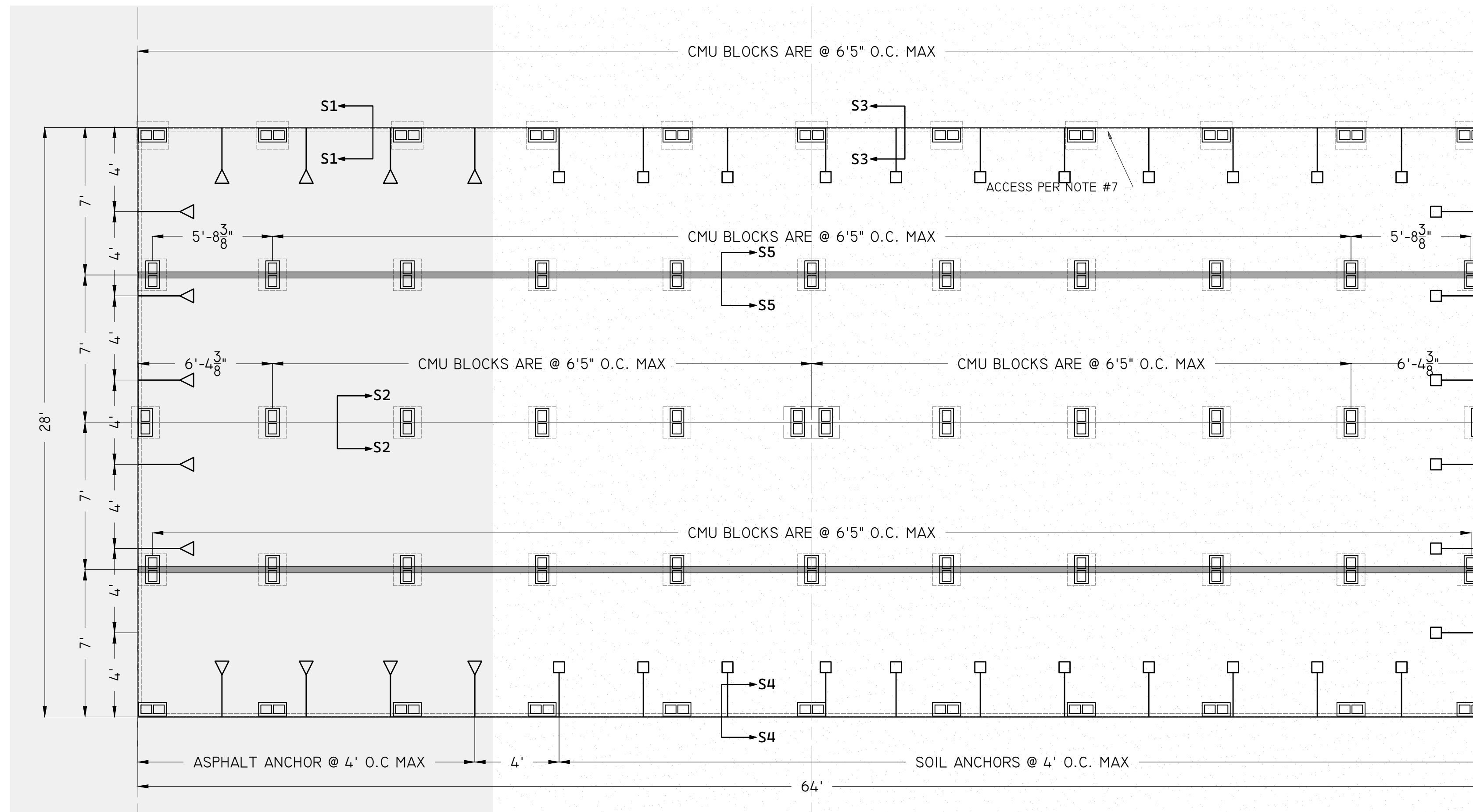
**ANCHORS:**  
the number of asphalt vs soil anchors required to be determined onsite



**FIGURE 1**  
ASPHALT ANCHOR  
TIE DOWN ENGINEERING  
PRODUCT# 59367 OR  
EQUIVALENT MIN WLL 1889 LB.



**FIGURE 2**  
SOIL ANCHOR  
TIE DOWN ENGINEERING  
MMA 30, 4430 DH 3/4" ROD,  
DDL. 4" DISC 30" ANCHOR



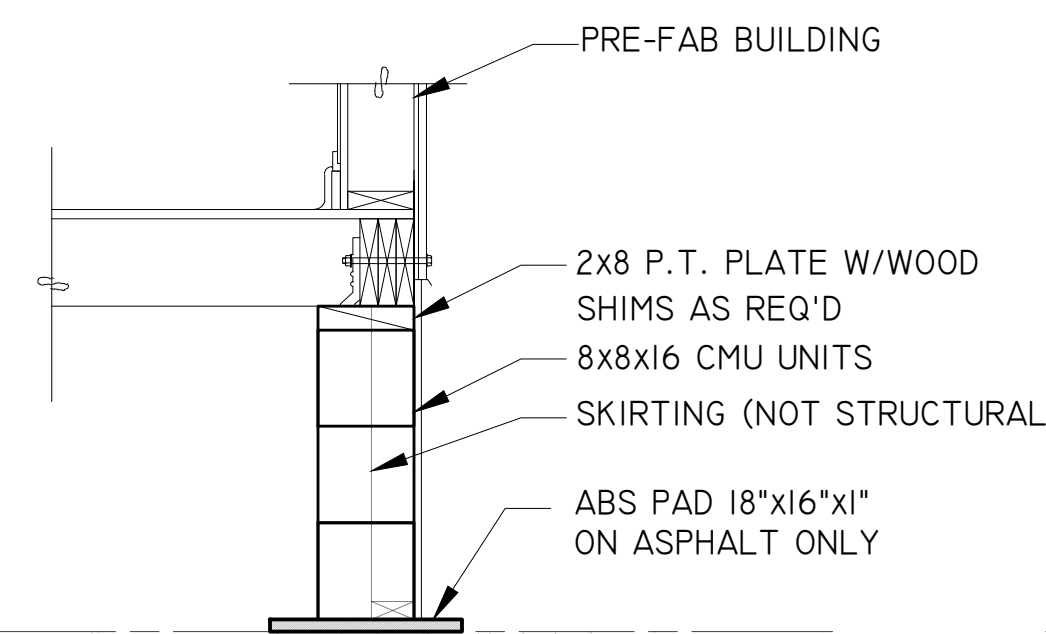
**S ▶ 28X64 CLASSROOM - FOUNDATION PLAN**  
1/4" = 1'-0"

**LEGEND**

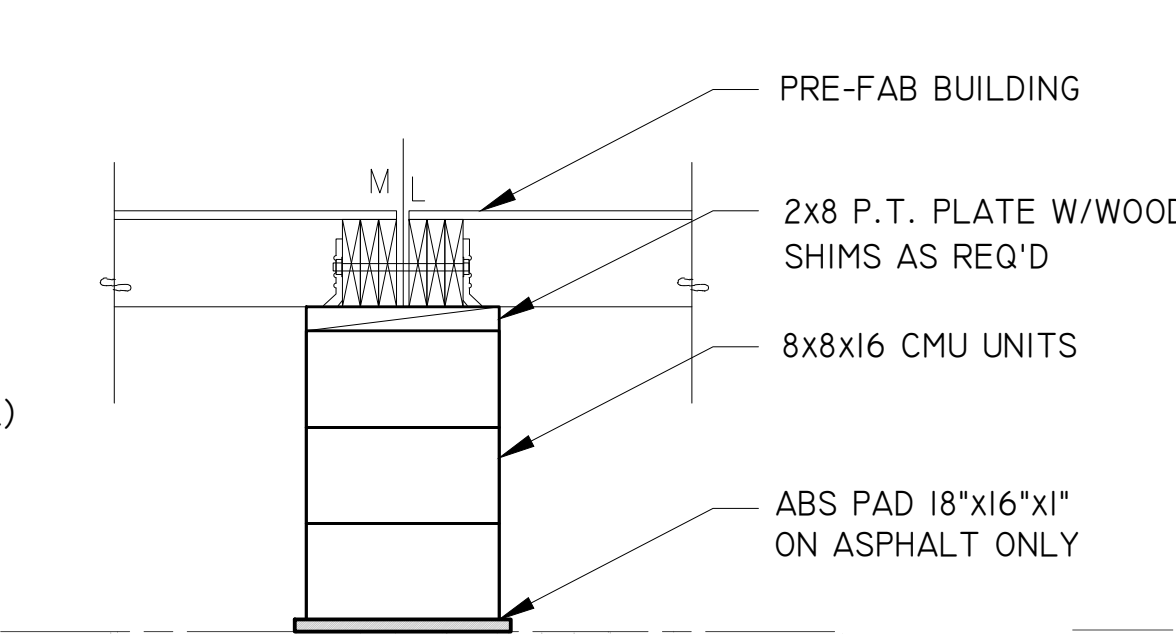
▶ ASPHALT ANCHOR  
REF: FIGURE 1

◻ SOIL ANCHOR  
REF: FIGURE 2

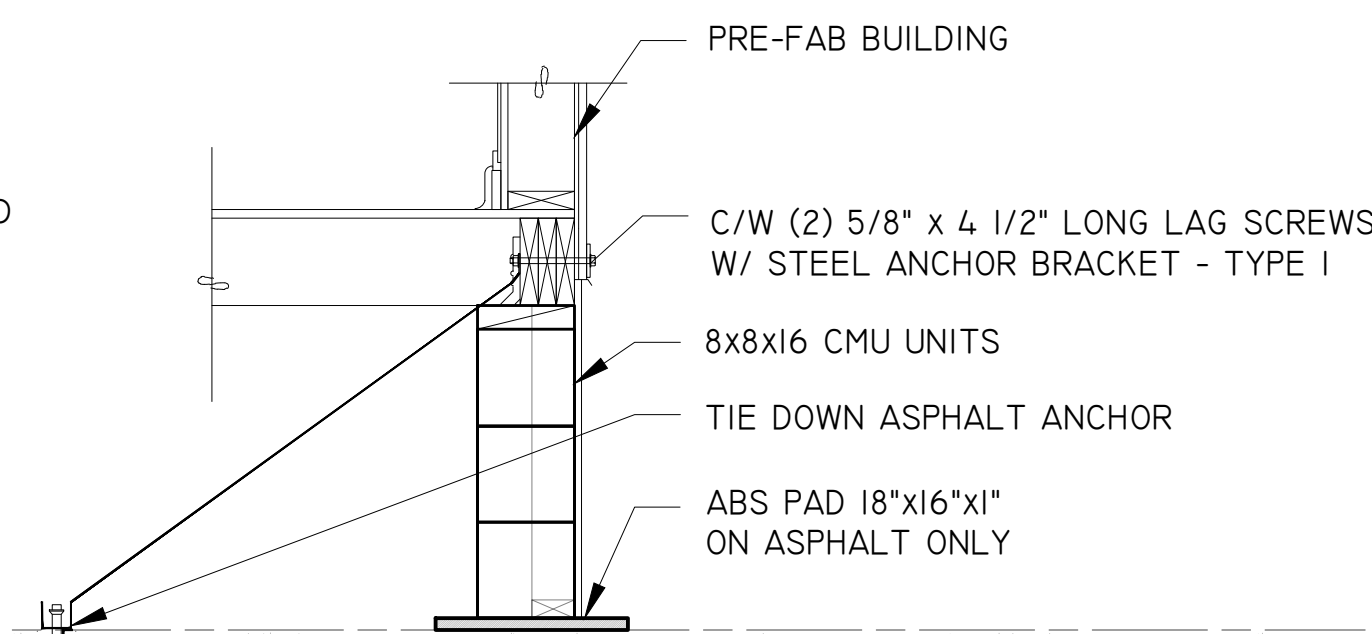
REVIEW A1.1 & A1.2  
FOR FIRE-RATED  
WALL LOCATION. IF  
FIRE-RATED WALL,  
REVIEW 2/A1.2



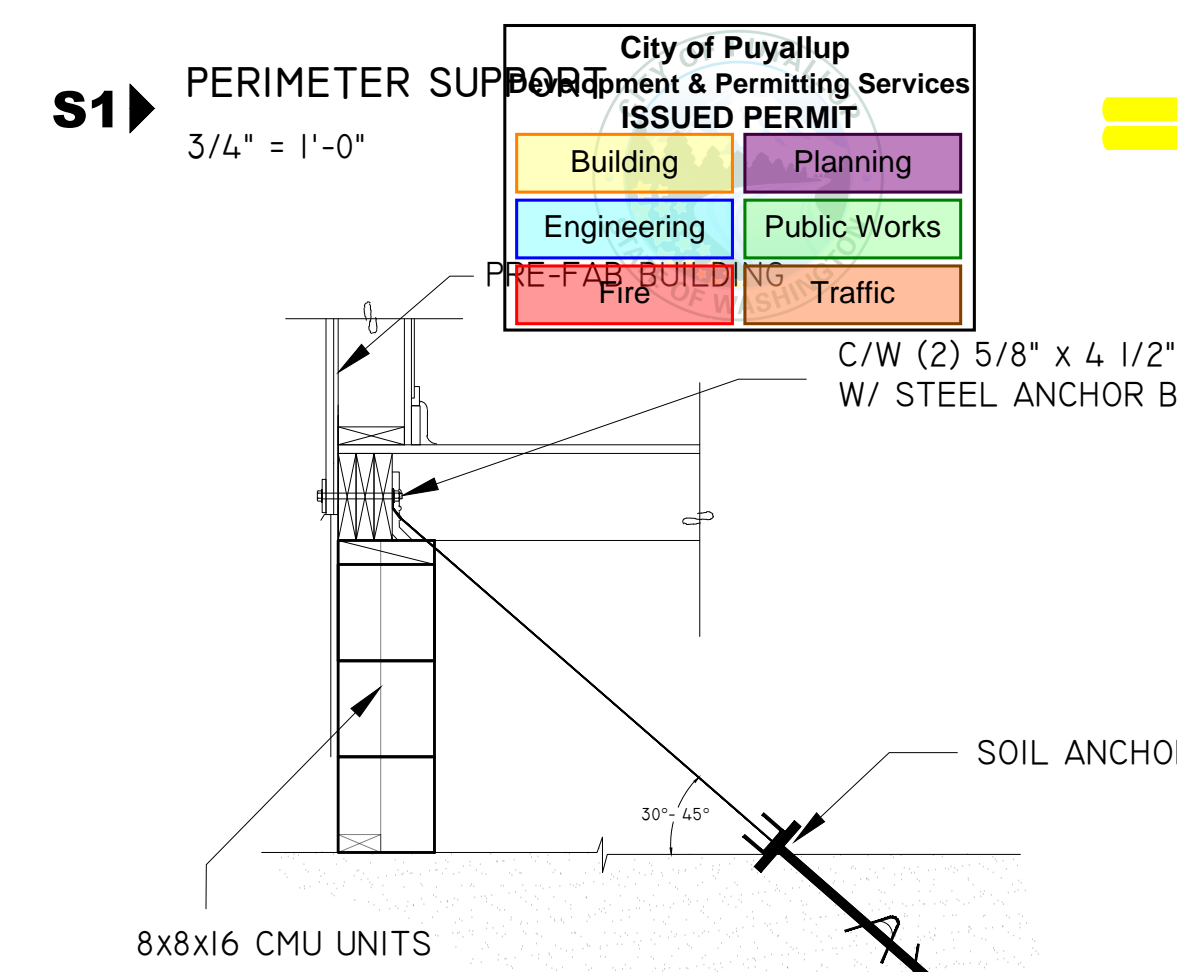
**S1 ▶ PERIMETER SUPPORT**  
3/4" = 1'-0"



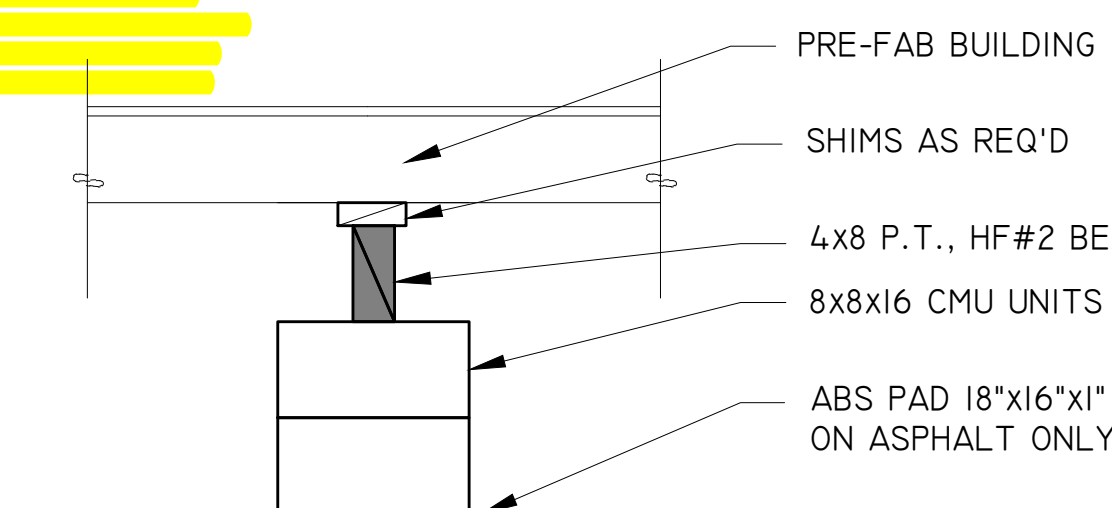
**S2 ▶ MATELINE SUPPORT**  
3/4" = 1'-0"



**S3 ▶ ASPHALT ANCHOR**  
3/4" = 1'-0"

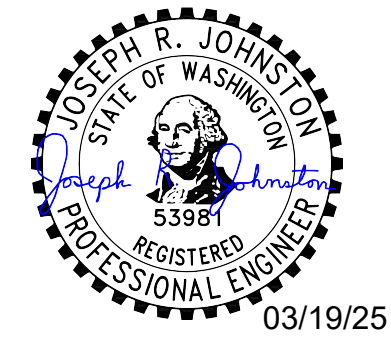


**S4 ▶ SOIL ANCHOR**  
3/4" = 1'-0"



**S5 ▶ MID- SPAN FLOOR SUPPORT**  
3/4" = 1'-0"

STAMP



REV NOTES

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REV	DESCRIPTION	MM/DD/YY
0	IFC	03/18/25
1	AD	SJ
2	JJ	

PLANT ADDRESS  
1106 NORTH TEMPLE DRIVE DIBOLL  
TX 75941 PH: (936) 829.6087

PROJECT  
CASCADE CHRISTIAN SCHOOL

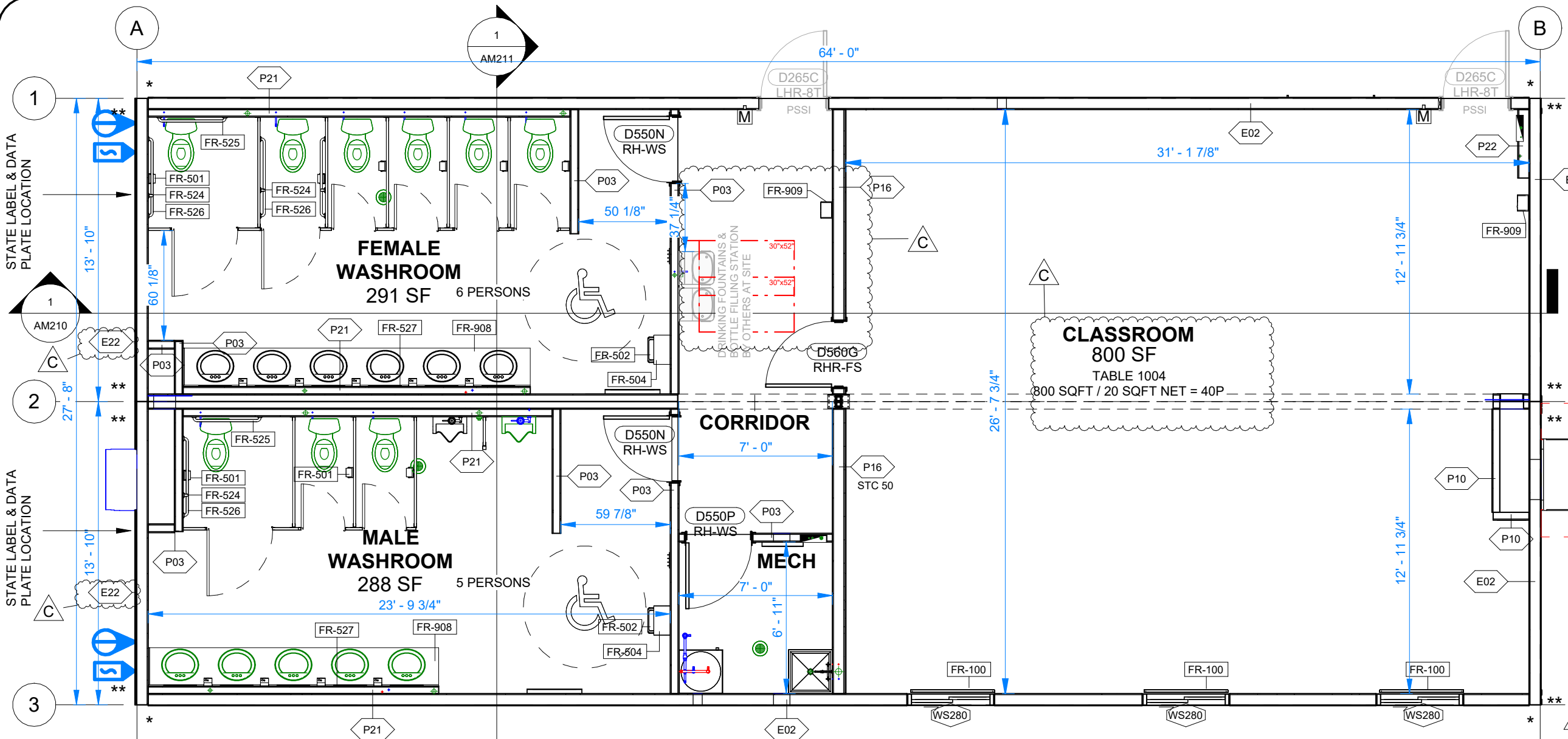
PROJECT NO. / PROGRAM NO/  
**2024-SR-021-RI**

DRAWING TITLE  
FOUNDATION DETAILS

SHEET NO.  
**F1**

PRPF20250508





**DOOR SCHEDULE UNIT**

DOOR TAG	QTY	SCOPE
D265C	2	PSSI
D550N	2	
D550P	1	
D560G	1	
	6	

**KEY PLAN**

101  
102

**WINDOW SCHEDULE UNIT**

WINDOW NO.	QTY
WS280	3

**NOTE:**  
 - FOR DOOR AND WINDOW SIZES REFER TO AM020.  
 - ALL TURNING CIRCLES ARE 67" RADIUS WITH 10" OF ALLOWABLE OVERLAP WITH PROVIDED KNEE SPACE BELOW AS PER WA 2017 A117.1 - 304.3.1 - CIRCULAR SPACE.  
 - TOTAL REQUIRED EGRESS CAPACITY: 0.2" PER PERSON X 40 PERSONS = 8".

**ENHANCED ACOUSTICAL NOTE:**  
 ENHANCED ACOUSTICS FOR CLASSROOM (SECTION 808, ANSI A117.1, 20217)  
 -REQUIRED: CLASSROOM VOLUME = 800 SQFT X 7'-10"H = 6264.16 CU.FT.  
 -REVERBERATION TIME COMPLIANCE TO 808.2.2 PRESCRIPTIVELY  
 NRC CARPET TILE: AT LEAST 0.15  
 NRC CEILING TILE RADAR ILLUSIONS: 0.55  
 NRC WALLS VC GYPSUM BOARD: 0.05 (SOURCE NRC RATINGS.COM)  
 CALCULATION: (0.15 X 800) + (0.55 X 800) + (0.05 X 931.46) = 606.58  
 VOLUME/12 = 6264.16/12 = 522.01  
 NRC TOTAL >= VOLUME/12  
 606.58 IS GREATER OR EQUAL 522.01.  
 -AMBIENT SOUND LEVEL (808.3): MEASURED IN ACCORDANCE WITH 808.3. IN UNOCCUPIED CLASSROOM.  
 808.3.1, 808.3.2. SOUND SOURCES OUTSIDE AND INSIDE CLASSROOM: AMBIENT NOISE SHALL NOT EXCEED 35DB(A) AND 55DB(C)  
 -BARD PLENUM PARTITION TO MEET NC 35 MEASUREMENT AND VERIFICATION REQUIRED AND PERFORMED ON SITE BY OTHERS.

1 OVERALL FLOOR PLAN  
 3/16" = 1'-0"

REFERENCE ONLY | PAGE 1/3  
 FOR FULL DRAWING, PLEASE SEE  
 REV01-SUPP\_WET PORTABLE.PDF

OVERALL - ROOM FINISH SCHEDULE

ROOM	FLOOR FINISH	BASE FINISH	WALL FINISH	WALL TRIM	CEILING FINISH	CEILING HEIGHT
CLASSROOM	COI CARPET, COLOR: CLEVERISH	4" RUBBER BASE, COLOR: COI / ROPPE BLACK	VC CLAD GYPSUM NO BATTENS, COLOR: DLETA MOONLIGHT	VC BATTEN @ DOORS, WINDOWS .CORNERS, DELTA MOONLIGHT	24X48 T-BAR CEILING W/COLOR WHITE, RADAR 2742 ILLUSION 2/24 SLT	7' - 10"
CORRIDOR	COI CARPET, COLOR: CLEVERISH	4" RUBBER BASE, COLOR: COI / ROPPE BLACK	VC CLAD GYPSUM NO BATTENS, COLOR: DLETA MOONLIGHT	VC BATTEN @ DOORS, WINDOWS .CORNERS, DELTA MOONLIGHT	24X48 T-BAR CEILING W/COLOR WHITE, RADAR 2742 ILLUSION 2/24 SLT	7' - 10"
FEMALE WASHROOM	COMMERCIAL GRADE VINYL ROLL GOODS (TARKETT STANDARD PLUS, COLOUR:21003 494)	4" RUBBER BASE, COLOR: COI / ROPPE BLACK	VC CLAD GYPSUM NO BATTENS, COLOR: DLETA MOONLIGHT- FRP ON PLUMBING WALL	VC BATTEN @ DOORS, WINDOWS .CORNERS, DELTA MOONLIGHT	24X48 T-BAR CEILING W/COLOR WHITE, RADAR 2742 ILLUSION 2/24 SLT	7' - 8"
MALE WASHROOM	COMMERCIAL GRADE VINYL ROLL GOODS (TARKETT STANDARD PLUS, COLOUR:21003 494)	4" RUBBER BASE, COLOR: COI / ROPPE BLACK	VC CLAD GYPSUM NO BATTENS, COLOR: DLETA MOONLIGHT- FRP ON PLUMBING WALL	VC BATTEN @ DOORS, WINDOWS .CORNERS, DELTA MOONLIGHT	24X48 T-BAR CEILING W/COLOR WHITE, RADAR 2742 ILLUSION 2/24 SLT	7' - 8"
MECH	COMMERCIAL GRADE VINYL ROLL GOODS (TARKETT STANDARD PLUS, COLOUR:21003 494)	4" RUBBER BASE, COLOR: COI / ROPPE BLACK	VC CLAD GYPSUM NO BATTENS, COLOR: DLETA MOONLIGHT	VC BATTEN @ DOORS, WINDOWS .CORNERS, DELTA MOONLIGHT	NA	8' - 0 1/4"

FURNITURE AND EQUIPMENT SCHEDULE

TAG	QTY	DESCRIPTION
FR-100	3	VINYL CORDLESS MINI BLINDS 45"W X 47"H COLOR: WHITE
FR-500	9	SOAP DISPENSER
FR-501	9	SINGLE ROLL TOILET PAPER HOLDER
FR-502	2	WALL MOUNTED WASTE DISPOSAL BIN - 7" FROM BOTTOM TO FINISHED FLOOR
FR-503	2	COAT HOOK BOARD - 4 HOOKS -46" AFF
FR-504	2	WALL MOUNTED PAPER TOWEL DISPENSER - 46" FROM BOTTOM TO FINISHED FLOOR
FR-524	4	18" GRAB BAR, BARRIER FREE WASHROOM
FR-525	2	36" GRAB BAR, BARRIER FREE WASHROOM
FR-526	4	42" GRAB BAR, BARRIER FREE WASHROOM
FR-527	11	MIRROR BOBRICK B-165 SIZE: 18"W x 36"H
FR-908	2	ADA LAVATORY COUNTERTOP. 4" BACKSPLASH. HQ LAMINATE COLOR WILSONART COTE D'AZURE
FR-909	2	FIRE EXTINGUISHER - BY OTHERS

CRITICAL TRANSPORT DIMENSIONS  
 L: 70' - 0"  
 W: 15' - 11"  
 H: 13' - 2"

PRPF20250508



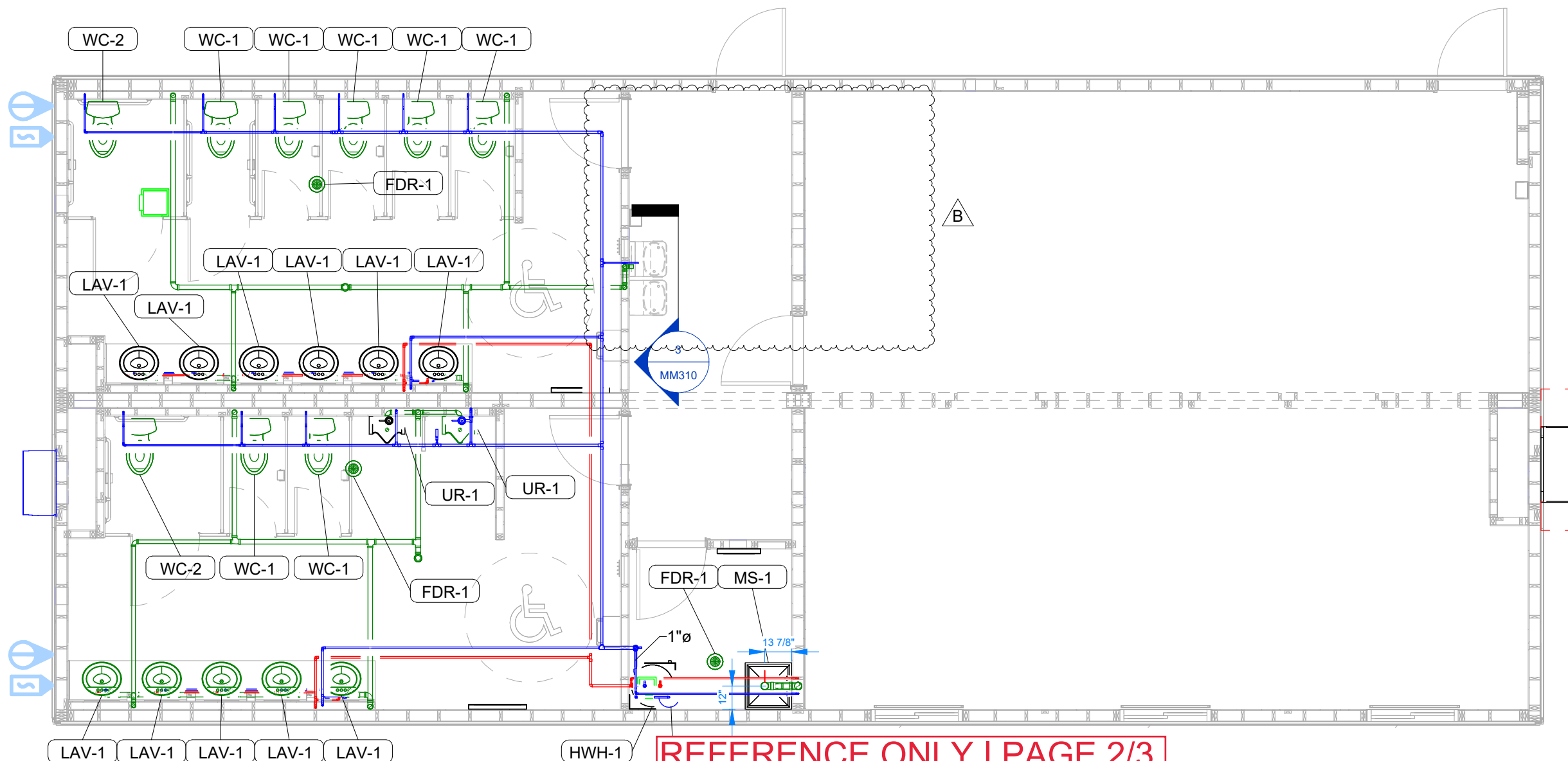
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C	2025-05-14	RE-ISSUED FOR STATE APPROVAL	NM	AH
B	2025-04-22	RE-ISSUED FOR STATE APPROVAL	NM	AH
A	2024-06-07	ISSUED FOR STATE APPROVAL	NM	

PROJECT: 28x64 ASL USA SR FLEET OFFICE WASH  
 CLIENT: CASCADE CHRISTIAN SCHOOL

DRAWING TITLE: OVERALL FLOOR PLAN  
 PROJECT NO: 1107994  
 DRAWING NO: AM101  
 REV. #: C



1 OVERALL PLUMBING PLAN  
3/16" = 1'-0"

**REFERENCE ONLY | PAGE 2/3**  
FOR FULL DRAWING, PLEASE SEE  
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- PLUMBING GENERAL NOTES**
1. ALL REQUIRED CLEANOUTS SHALL BE INSTALLED AS PER THE 2021 WASHINGTON STATE PLUMBING CODE.
  2. ALL VALVES, UNIONS, ETC. TO BE THE SAME SIZE AS LINE SIZE UNLESS OTHERWISE NOTED.
  3. ALL WASTE AND VENT PIPING SHALL BE SLOPED AT 1/4" PER FOOT.
  4. EACH PLUMBING VENT SHALL TERMINATE ABOVE ROOF AND NOT LESS THAN TEN (10) FEET FROM OR AT LEAST THREE (3) FEET ABOVE ANY WINDOW, DOOR, OPENING OR AIR INTAKE.
  5. ALL DRAINAGE PIPING TO BE CONCEALED WHERE POSSIBLE.
  6. ALL COLD AND HOT WATER DOMESTIC PIPING TO BE TYPE "PEX"
  7. ALL WASTE, VENT DRAINAGE LINES AND FITTINGS TO BE PVC, SCH 40.
  8. SUPPORT FOR PEX PIPE LESS THAN 1" SHALL BE EVERY 32".
  9. SUPPORT FOR PVC PIPE SHALL BE EVERY 48".
  10. ALL DRAINAGE PVC & PEX PIPE STUBBED TO UNDERSIDE OF STRUCTURAL FLOOR WITH MAIN SANITARY & DOMESTIC FOR SITE CONNECTION, HARNESS & INSULATION, BY OTHERS ON-SITE.
  11. SITE SETUP TEAM TO COORDINATE WITH SANITARY & WATER INLET PENETRATIONS.
  12. ALL PLUMBING FITTINGS AND HOT WATER HEATER TO HAVE SHUT OFF VALVES.
  13. DESIGN WATER PRESSURE 55 PSI, DEVELOPED LENGTH ESTIMATED AT 70 FT.
  14. NO INTERIOR PLUMBING INSULATION REQUIRED. EXTERIOR SANITARY HEAT TRACING AND INSULATION TO BE INSTALLED AS DETERMINED BY SITE INSTALLERS.

PRPF20250508



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A	2024-06-07	ISSUED FOR STATE APPROVAL	RB	

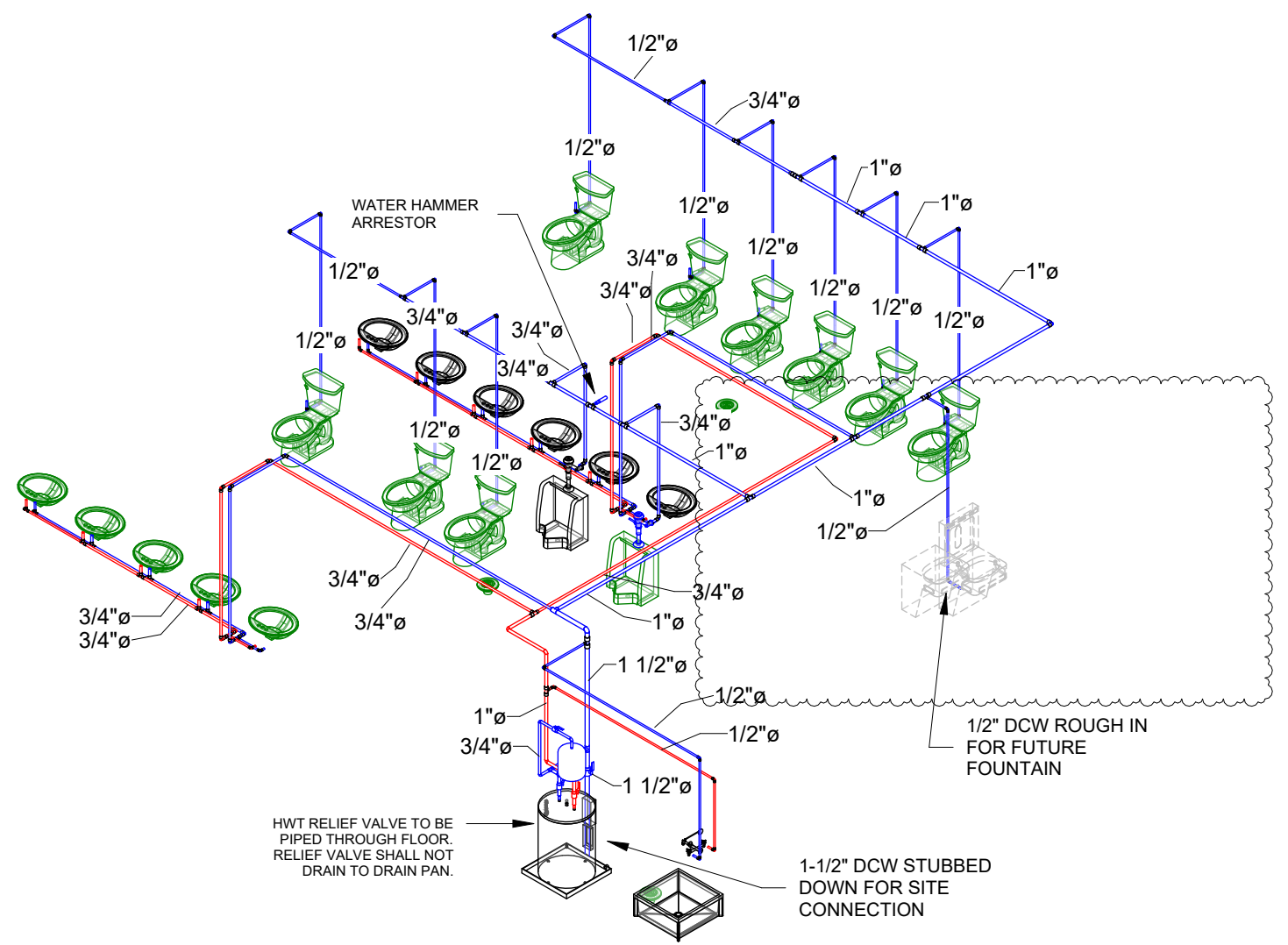
PROJECT: 28x64 ASL USA SR FLEET OFFICE WASH  
CLIENT: CASCADE CHRISTIAN SCHOOL

DRAWING TITLE: OVERALL PLUMBING PLAN - LEVEL 1  
PROJECT NO: 1107994  
DRAWING NO: MM301  
REV. #: B

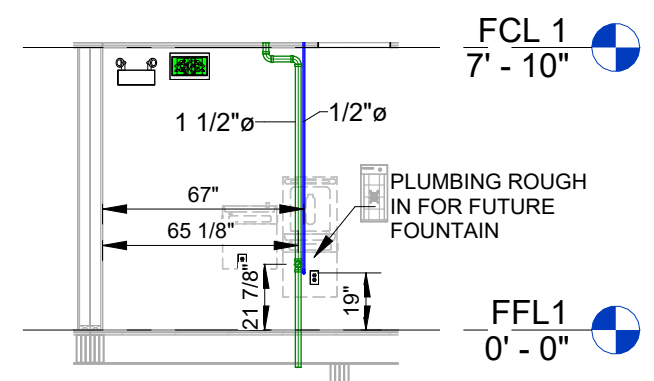
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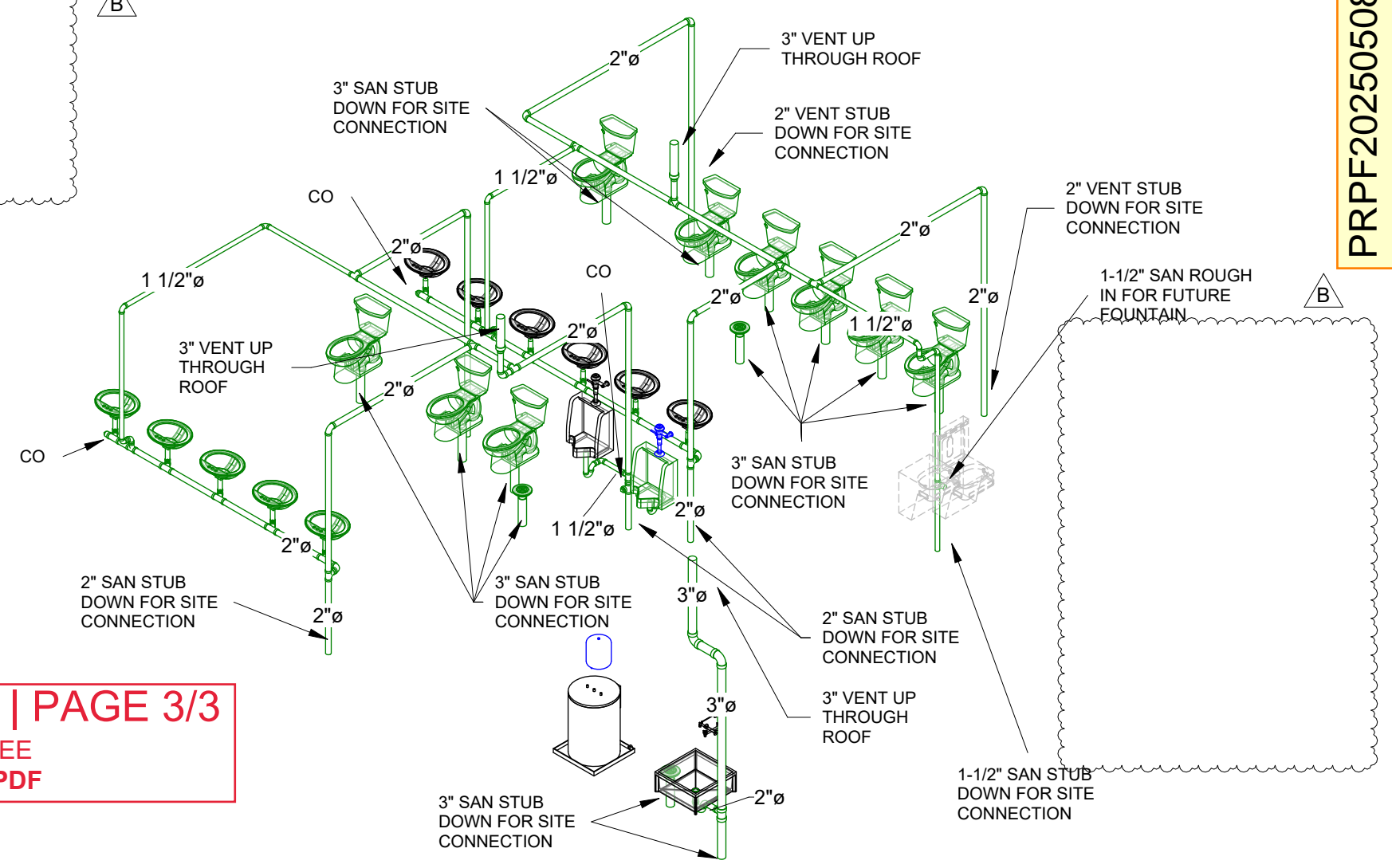
11x17 Titleblock



1 POTABLE WATER ISO



3 PLUMBING SECTION  
3/16" = 1'-0"



2 SANITARY/VENT ISO

**REFERENCE ONLY | PAGE 3/3**  
 FOR FULL DRAWING, PLEASE SEE  
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B	2025-04-22	RE-ISSUED FOR STATE APPROVAL	JO	AH
A	2024-06-07	ISSUED FOR STATE APPROVAL	RB	

PROJECT:	28x64 ASL USA SR FLEET OFFICE WASH
CLIENT:	CASCADE CHRISTIAN SCHOOL

DRAWING TITLE:		PLUMBING DETAILS	
PROJECT NO:	1107994	DRAWING NO:	MM310
REV. #	B		