PORTABLE CLASSROOMS P18-19 AT PUYALLUP HIGH SCHOOL

711 W MAIN, PUYALLUP, WA 98371

PROJECT INFOMATION

TAX ID ADDRESS:

LOCATION MAPS

OCCUPANCY GROUP:

PF-PUBLIC FACILITIES

TYPE OF CONSTRUCTION:

BLDG AREA & COVERED PLAY (EX): 0 SF *Other campus buildings occur outside of parcels

0 SF *Other existing portable buildings occur outside of

PORTABLE AREA (NEW): 1,792 SF

TOTAL BUILDING AREA: 1,792 SF

PROPERTY SIZE: 29.652 SF - COMBINED PARCELS SF

PARCEL NUMBERS: 5870000191

LEGAL DESCRIPTION:

PORTABLE AREA (EX):

Section 28 Township 20 Range 04 Quarter 13 MILLERS A J TO PUYALLUP REVISED LOT 1 OF LOT COMBO 2024-06-07-0138 DESC AS L 3, 4, 5 & 9 TOG W/ W 7.1 FT OF L 2 B 7 EASE OF REC APPROVED COMBO BY CY OF PUYALLUP PLAN DEPT 06/03/24 COMB OF 587000-019-0 & 023-1 SEG 2025-0004 06/12/2024MC

GOVERNING CODES:

- AUTOMATIC FIRE DETECTION & SUPPRESSION SYSTEMS ORDINANCE NO. 1902-92 IBC, 2018 EDITION WITH WA AMENDMENTS
- ACCESSIBLE AND USABLE BUILDINGS & FACILITIES, ANSI A117.1-2009 WITH WA
- INTERNATIONAL FIRE CODE (IFC), 2019 EDITION WITH WA AMENDMENTS INTERNATIONAL MECHANICAL CODE (IMC), 2019 EDITION WITH WA AMENDMENTS NATIONAL ELECTRIC CODE (NEC), 2019 EDITION WITH WA AMENDMENTS
- UNIFORM PLUMBING CODE (UPC), 2019 EDITION WITH WA AMENDMENTS
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2019 EDITION WITH WA
- PIERCE COUNTY DESIGN & CONSTRUCTION STANDARDS & SPECIFICATIONS PIERCE COUNTY STORMWATER MANAGEMENT MANUAL

NEIGHBORHOOD MAP





PRPF20241044

REGION MAP

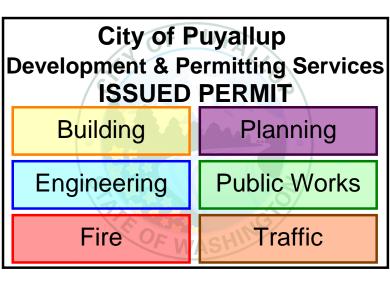
Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

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 permitee on site for inspection.

Calculations required to be provided by the Permittee on site for all Inspections

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



PERMIT SET

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE THE WORK OF ALL TRADES INVOLVED IN THE PROJECT AS PART OF THIS
- CONTRACTOR SHALL PROVIDE A COMPLETE AND PROPER EXECUTION CIVIL OR LANDSCAPE DRAWINGS IS FOUND, CONTACT THE ARCHITECT
- REFERENCING DRAWINGS IS FOR CONVENIENCE ONLY AND DOES NOT LIMIT APPLICATION OF DRAWINGS OR DETAILS.
- EQUIPMENT INSTALLATION.
- OFCI EQUIPMENT IS FURNISHED BY OWNER AND INSTALLED AS PART OF THE WORK AS REQUIRED FOR INSTALLATION.
- DO NOT SCALE DRAWINGS: CONTACT ARCHITECT FOR ANY NEEDED CLARIFICATIONS.
 - WHERE EXTERIOR CONCRETE WALKS AND LANDINGS ABUT BUILDINGS. THEY SHALL BE SLOPED AWAY FROM THE BUILDING AS NOTED. BUT IN
- THE PORTABLES IN THE PROJECT SCOPE ARE EXISTING PORTABLES PURCHASED FROM SUMNER SCHOOL DISTRICT BY PUYALLUP SCHOOL
- SITE DRAINAGE TO CONFORM TO ALL LOCAL REGULATIONS AND
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK INCLUDING ADDITIONAL PERMITS AND SUBCONTRACTOR
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL BUILDING INSPECTIONS WITH LOCAL JURISDICTION IN AUTHORITY
- 14. CONTRACTOR SHALL CLEAN ALL SURFACES PRIOR TO OCCUPANCY.
- CONTRACTOR SHALL MAINTAIN A TRASH BIN IN AN AREA DESIGNATED BY THE OWNER'S REPRESENTATIVE FOR THE COLLECTION OF ALL CONSTRUCTION DEBRIS. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS AND REMOVE TRASH BIN PRIOR TO OCCUPANCY.
- CONTRACTOR AND SUB-CONTRACTORS SHALL MARK DRAWINGS FOR AS MECHANICAL, ELECTRICAL, AND FIRE DRAWINGS TO BE REVISED FOR AS-BUILT CONDITIONS BY THEIR RESPECTIVE AUTHORS. SUBMIT FINAL AS-BUILT REPRODUCIBLE DRAWINGS TO OWNER'S REPRESENTATIVE.
- AN APPROVED MAUAL AND AUTOMATIC FIRE ALARMS SHALL BE INSTALLED AS SPECIFIED IN THE FIRE CODE; VISIBLE ALARMS COMPLYING WITH WSBC SECTION 1106.15.2 SHALL BE INSTALLED IN ALL COMMON-USE AREAS, ASSEMBLY AREAS, TOILET ROOMS, HALLWAYS, LOBBIES AND CORRIDORS.
- 18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE COMPLIANCE AND CONFORMANCE WITH THE VARIOUS PROVISIONS WITHIN ALL APPLICABLE ORDINANCES AND CODES FOR ALL OF THE
- SAFETY: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THE WORK
- CHANGES:CONTRACTOR INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.
- PROJECT DRAWINGS INDICATE GENERAL CONFIGURATION OF CONSTRUCTION. WHERE CONDITIONS REQUIRE SPECIFIC DETAIL INFORMATION NOT INCLUDED WITH THESE DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM INTENT WITH THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
- 22. STUDIO MENG STRAZZARA ASSUMES NO RESPONSIBILITY AS TO THE PHYSICAL CHARACTERISTICS OF THE SOILS.
- STUDIO MENG STRAZZARA ASSUMES NO RESPONSIBILITY FOR, NOR VERIFIES THE ACCURACY OF, ANY ENGINEERING DATA SUPPLIED BY
- CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AMONG ALL DRAWINGS PRIOR TO CONSTRUCTION, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED LENGTHS AND HEIGHTS IN ALL CASES.
- 25. IN THE EVENT OF DISCREPANCIES OR CONTRADICTORY INFORMATION IN THE DRAWINGS, NOTES, OR SPECIFICATIONS, IT IS THE OBLIGATION OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF SAME AND TO OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. ANY WORK DONE BY THE CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE CONTRACTOR'S RISK.
- 26. ALL CONTRACT DOCUMENTS PERTAINING TO THIS PROJECT ARE TO BE CONSIDERED AND INTERPRETED FOR BIDDING AND CONSTRUCTION PURPOSES AS A COMPLETE WHOLE. NO PART OF THE CONTRACT DOCUMENTS SHALL BE DISTRIBUTED. CONSIDERED. OR USED IN ANY WAY INDEPENDENT OF THE COMPLETE SET OF DOCUMENTS.
- THE ARCHITECT SHALL HAVE FINAL AUTHORITY WITH REGARD TO INTERPRETATION OF THE INTENT AND SPIRIT OF THE CONTRACT DOCUMENTS.

INDEX OF DRAWINGS

Sheet No. Sheet Name

GENERAL PROJECT INFORMATION ABBREVIATIONS, SYMBOLS, AND CODE/AHJ NOTES ARCHITECTURAL CODE SHEET

1 OF 2 TOPOGRAPHIC SURVEY N.W. PORTABLES BLOCK

2 OF 2 TOPOGRAPHIC SURVEY N.W. PORTABLES BLOCK 2001 WESTERN AVE, STE# 200, SEATTLE, WA 98121 www.studioms.com | P: 206.587.3797

ARCHITECTURAL SITE DEMOLITION **CONSULTANT** ASD100 OVERALL ARCHITECTURAL SITE DEMOLITION PLAN

ARCHITECTURAL SITE AS100 OVERALL ARCHITECTURAL SITE PLAN AS101 ENLARGED ARCHITECTURAL SITE PLAN & DETAILS

PORTABLE DWGS (N.I.C., FOR REFERENCE ONLY)

NOTE: ALL THREE ARE THE SAME DESIGN COVER SHEET (MODERN BUILDING SYSTEMS, INC.) GENERAL NOTES (MODERN BUILDING SYSTEMS. INC.)

- FOUNDATION DETAILS (MODERN BUILDING SYSTEMS, INC.)
- HVAC PLAN (MODERN BUILDING SYSTEMS, INC.)
- FOUNDATION NOTES & DETAILS S4.2 FOUNDATION DETAILS
- WELCOME RAMP STRUCTURAL

PERMIT REVIEWER STAMP

1 OF 1 ACCESS RAMPS & STAIRS STANDARD PLANS/DETAIL/NOTES

ARCHITECT

CLIENT/OWNER

PUYALLUP HS NEW PORTABLES 2023

> **711 W MAIN** PUYALLUP, WA

STAMP



ISSUED:

CONDITIONAL USE PERMIT OCT, 11 2023 CUP CC#1 RESPONSE APR 5, 2024 BUILDING PERMIT SET MAY 3, 2024

DATE

GENERAL INFORMATION

PLCUP20230109 Owner's Project #: Architect's Project #: Drawn By Checked By

Building Permit #:

DEFERRED SUBMITTALS

CLOSE AND VACATE STREET.

1. ELECTRICAL, LOW-VOLTAGE, AND 2. FIRE ALARM PERMIT SUBMITTALS TO BE SUBMITTED SEPARATELY

3. ONSITE CIVIL/LANDSCAPE PERMIT SUBMITTALS TO BE SUBMITTED SEPARATELY 4. TEMP ROAD CLOSURE R.O.W. CIVIL/LANDSCAPE PERMIT SUBMITTALS TO BE SUBMITTED SEPARATELY 5. FINAL ROAD CLOSURE R.O.W. CIVIL/LANDSCAPE PERMIT SUBMITTALS TO BE SUBMITTED SEPARATELY AFTER 6 MONTH PILOT CLOSURE STUDY AND CITY OF PUYALLUP DETERMINATION TO PERMANENTLY

PROJECT TEAM

Puyallup School District 323 12th St NW Puyallup, WA 98371

ARCHITECT Studio Meng Strazzara 2001 Western Ave. Suite #200 Seattle, WA 98121 P: (206) 587-3797 PIC: Steve Lee Agent: Larry Vandeberg

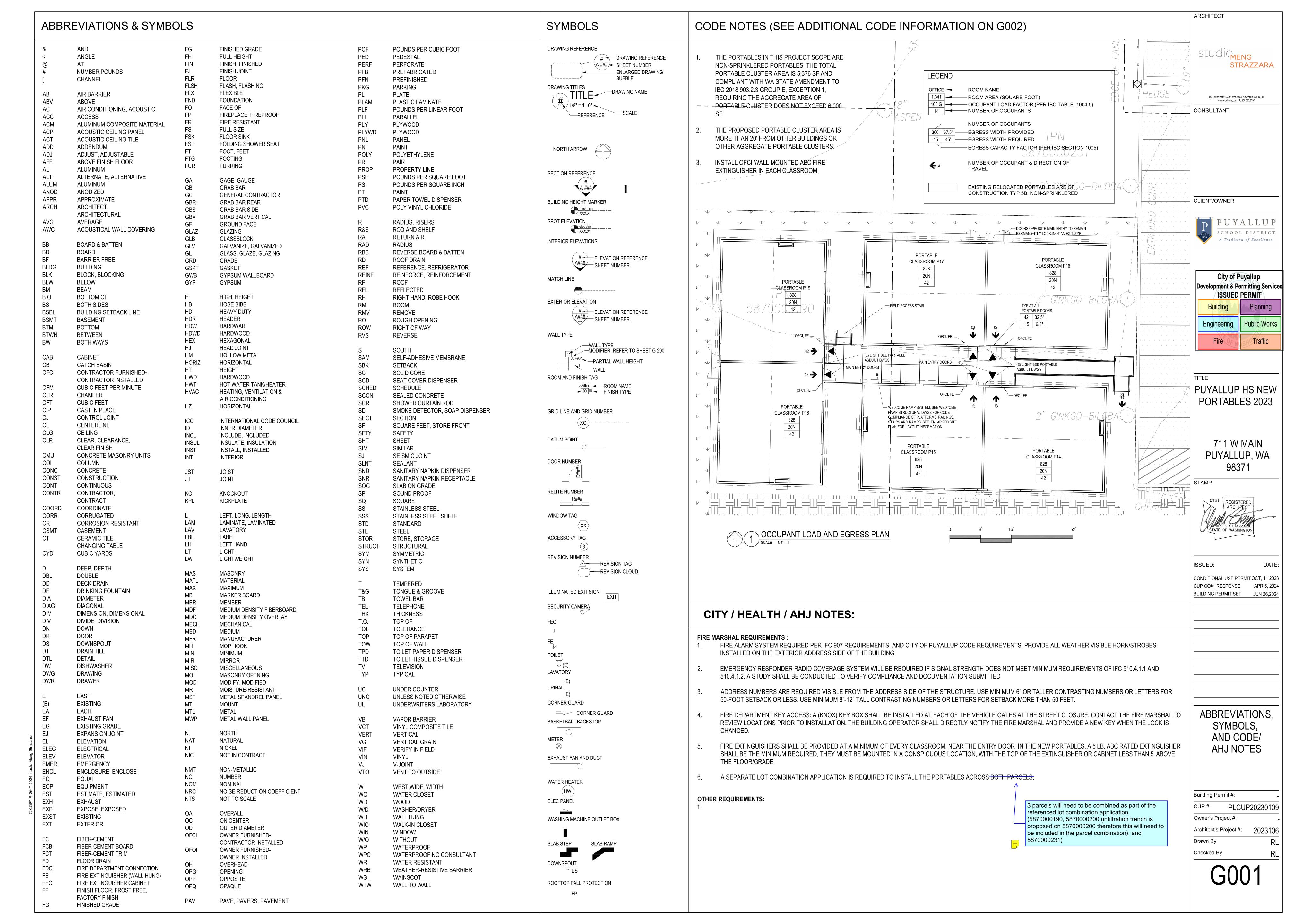
Project Manager: Robert Landa

CIVIL ENGINEER JMJ Team 905 Main St, Suite #200 Sumner WA 98390 P: (206) 596-2020 Project Manager: Justin Jones

LANDSCAPE ARCHITECT 1430 NE 65th ST Seattle, WA 98115 P: (206) 322-1732 PIC: Andy Rasmussen

ELECTRICAL ENGINEER Hargis Engineers, Inc. 1201 Third Ave, Suite #600 Seattle, WA 98101 P: (206) 436-0457 Project Manager: Brendon Inman PROJECT SCOPE OF WORK

THE WORK WILL BE, BUT NOT LIMITED TO RELOCATE ONE EXISTING DOUBLE PORTABLE FROM SUMNER SCHOOL DISTRICT AS PORTABLE P18-19. WORK SCOPE INCLUDED INSTALLING MODULAR WELCOME RAMPS SYSTEMS AND CONNECTING ASPHALT PATHWAYS TO ADJACENT EXISTING PORTABLES, CROSS WALK AND ACCESSIBILITY IMPROVEMENTS AT W MAIN, AND PILOT CLOSURE OF STREET WITH VEHICLE GATES, BARRIERS, AND MUTCD COMPLIANT SIGNAGE AT PUYALLUP HIGH SCHOOL. THIS WORK IS BEING PERFORMED IN COMBINATION WITH SEPARATE PERMITS FOR DOUBLE PORTABLES P14-15 AND P16-17 BUILDINGS.



SCALE: 1" = 30' FEMALE TOILETS COUNT = 16 MALE TOILETS COUNT = 9 URINALS COUNT = 14 FEMALE LAVATORY COUNT = 16

DFESSING DESSING OFFICE 1460

BLDG 50-05 1ST FLOOR (GYM)

BLDG

BLDG-50-05 & 62-01 1ST FLOOR SCALE: 1" = 30'

STORAGE CONCESSIONS FOR

MALE LAVATORY COUNT = 11

CLASSROOM 248

CLASSROOM 249

STOR 240A STAIRS S18C

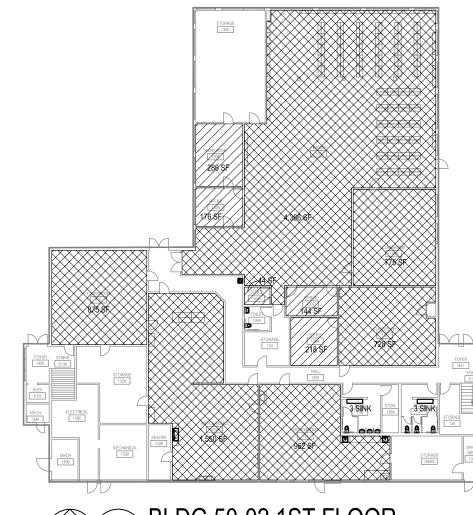
LIFE SCIENCE 225

FEMALE TOILETS COUNT = 7 MALE TOILETS COUNT = 2 URINALS COUNT = 8 FEMALE LAVATORY COUNT = 7 MALE LAVATORY COUNT = 4



BLDG 50-01 3RD FLOOR FLOOR SF = 34,092 SF FEMALE TOILETS COUNT = 7 MALE TOILETS COUNT = 3 URINALS COUNT = 8 FEMALE LAVATORY COUNT = 7 MALE LAVATORY COUNT = 5

HALL A



TOTAL OFFICE SF = 868 SF TOTAL CLASSROOM SF = 9,256 SF

FEMALE LAVATORY COUNT = 4

 $\times\!\!\!\times\!\!\!\times$ TOTAL CLASSROOM SF =5,360 SF

NEW PORTABLES P14-19 FLOOR SF = 5,376 SF

URINALS COUNT = 0

FEMALE TOILETS COUNT = 0 MALE TOILETS COUNT = 0

FEMALE LAVATORY COUNT = 0

MALE LAVATORY COUNT = 0

BLDG 50-02 2ND FLOOR

FEMALE TOILETS COUNT = 3 MALE TOILETS COUNT = 1

FLOOR SF = 9,753 SF

MALE LAVATORY COUNT = 3

BLDG 50-02 1ST FLOOR FLOOR SF = 15,571 SF FEMALE TOILETS COUNT = 4

2001 WESTERN AVE, STE# 200, SEATTLE, WA 9812 www.studioms.com | P: 206.587.3797 MALE TOILETS COUNT = 1 **CONSULTANT** URINALS COUNT = 3

ARCHITECT

studic_{meng}

STRAZZARA

CLIENT/OWNER



City of Puyallup Development & Permitting Services

ISSUED PERMIT Building **Planning**

Public Works Engineering

PUYALLUP HS NEW PORTABLES 2023

> **711 W MAIN** PUYALLUP, WA 98371

-3 STALLS

STAMP 6181 | REGISTERED

BUILDING PERMIT SET

DATE ISSUED:

CONDITIONAL USE PERMITOCT, 11 2023 APR 5, 2024 CUP CC#1 RESPONSE

JUN 26,2024

CLASSROOMS, NO VEHICLE PARKING IS REQUIRED, THEREFORE NO ADDITIONAL BICYCLE PARKING IS REQUIRED.

PARKING CALCULATION

. BUS / TRUCK LOADING / UNLOADING: NO PROPOSED CHANGES TO EXISTING BUSING CAPACITY OR LOCATION. OUTDOOR LIGHTING (PMC 20.44.045, (3)): BUILDING MOUNTED LIGHTING IS PROPOSED AT NEW PORTABLE CLASSROOMS, LIGHT SHIELDING WILL BE

BUILDING 50-02 LEVEL 1 CLASSROOM SF = -9,256 SF/65 = -142 STALLS

BUILDING 50-02 LEVEL 2 CLASSROOM SF = -5,360 SF/65 = -82 STALLS

(3) ADDED DOUBLE PORTABLE SF = 1,792SFx3 = 5,376 SF/65 = 83 STALLS

TOTAL CHANGE IN PARKING 144 FEWER PARKING STALLS NEEDED

BICYCLE PARKING (PMC 20.55.016, (2)): ALL INSTITUTIONAL USES WHICH

PROVIDE A DESIGNATED BICYCLE PARKING AREA TO ACCOMMODATE A

MINIMUM OF FIVE BICYCLE SPACES. PRIOR TO ISSUING PERMITS FOR

SCHOOLS) THE CITY MAY REQUIRE REASONABLE ADDITIONAL BICYCLE

BASED ON THE DECREASED PARKING CAPACITY CALCULATED FOR THE

DEMOLITION OF BUILDING 50-02 AND PROPOSED ADDITION OF PORTABLE

TITLE AND/OR USES WITH HIGH EXPECTED BICYCLE TRAFFIC (E.G.

PARKING CAPACITY OVER AND ABOVE THE MINIMUM FIVE SPACES.

REQUIRE 25 OR MORE PARKING SPACES PURSUANT TO THIS TITLE SHALL

FACILITIES REQUIRING 100 OR MORE PARKING SPACES PURSUANT TO THIS

BUILDING 50-02 LEVEL 1 OFFICE SF = -868 SF/300 =

INCLUDED TO LIMIT TO WITHIN PROPERTY BOUNDARIES. TRASH/RECYCLING FACILITIES (PMC 20.44.045, (5)): NO CHANGES PROPOSED TO EXISTING ONSITE TRASH/RECYCLING FACILITIES. EXISTING FACILITIES SUFFICIENT TO SERVE NEW PORTABLES.

0. TREE RETENTION & PROTECTION: TWO INSIGNIFICANT TREES WILL BE REMOVED AS PART OF THIS PROJECT THATRE IN CONFLICT WITH THE PROPOSED PORTABLES.

11. CRITICAL AREAS (PMC 21.06): PROJECT IS NOT LOCATED WITHIN CRITICAL AREA BASED ON PIERCE COUNTY GIS AND EVALUATION OF SURVEY

INFORMATION. 12. SEPA: A SEPA IS IN PROCESS. PUYALLUP SCHOOL DISTRICT IS THE LEAD

13. ACCESS: NONE WILL BE AFFECTED

14. SURFACE WATER MANAGEMENT: REFER TO CIVIL PLANS FOR STORMWATER CONTROL.

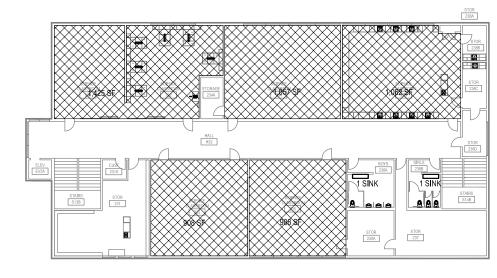
15. PLUMBING FIXTURE COUNT: REFER TO PLUMBING FIXTURE CALCULATION AND FLOOR PLANS ON THIS SHEET. BASED ON THE CALCULATIONS, THE

MINIMUM PLUMBING FIXTURES ARE ALREADY PRESENT ON SITE TO MEET CODE REQUIREMENTS.

16. BASED ON CUP COMMENTS, A LOT COMBINATION IS REQUIRED FOR TWO PREVIOUS PARCELS #5870000190 AND #2870000231 WHERE PORTABLE BUILDINGS WILL BE PLACED. THIS PROCESS IS COMPLETE AND THE

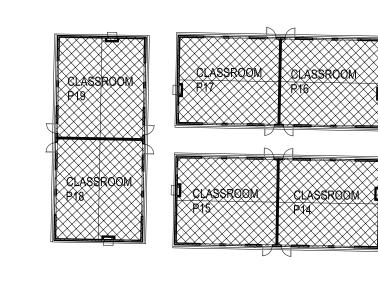
COMBINED PARCEL IS NOW DESIGNATED AS #5870000191.

BLDG 50-02 1ST FLOOR NOTE: BUILDING 50-02 TO BE DEMOLISHED AS PART OF CUP



URINALS COUNT = 3 FEMALE LAVATORY COUNT = 1 MALE LAVATORY COUNT = 1

5 BLDG 50-02 2ND FLOOR NOTE: BUILDING 50-02 TO BE DEMOLISHED AS PART OF CUP



BLDG-04 1ST FLOOR

BLDG 50-04 1ST FLOOR FLOOR SF = 21,264 SF FEMALE TOILETS COUNT = 5 MALE TOILETS COUNT = 3 URINALS COUNT = 2 FEMALE LAVATORY COUNT = 3

MALE LAVATORY COUNT = 3

SCALE: 1" = 30'

PLUMBING FIXTURE COUNT (PER IBC 2018 TABLE 2902.1 & WA STATE AMENDMENTS)

-Per IBC 2018/WA AMENDMENT TABLE 2902.1, NOTE e. For Group E occupancies: The number of occupants shall be determined by using a calculation of 100 SF gross building area per student for the minimum number of plumbing fixtures.

-Per IBC 2018, 2902.1.1.2 Where urinals in men's facilities are provided, one water closet less than the number specified may be provided for each urinal installed, except in he number of water closets in such cases shall not be reduced to less than one quarter (25%) of the minimum specified. For men's facilities serving 26 or more persons, not less than one urinal shall be provided. ·Count gang lavatories based on faucet count.

-Each new or existing portable classroom calculated as a 28'x32' modular size.

GROSS EXISTING BUILDING AREA: GROSS EXIST. Bldg 50-01-Level 1 47,270 SF 40,046 SF GROSS EXIST. Bldg 50-01-Level 2 34,092 SF GROSS EXIST. Bldg 50-01-Level 3 -15,571 SF GROSS DEMO Bldg 50-02-Level 1 GROSS DEMO Bldg 50-02-Level 2 -9,753 SF 21,264 SF GROSS EXIST. Bldg 50-04-Level 1 GROSS EXIST. Bldg 50-05/62-01-Level 1 46,241 SF 18,973 SF GROSS EXIST. Bldg 50-05-Level 2 GROSS EXIST. Portable: 11,648 SF 5,376 SF GROSS NEW Portable: 199,586 SF

OF OCCUPANTS ASSUME 50% MALE/50% FEMALE 999

CODE COMPLIANT:

'	WATER CLOSETS		URINALS	LAVATORIES	
	FEMALE	MALE	MALE	FEMALE	MA
	1 PER 25	1 PER 35		1 PER 50	1 PE
CODE MINIMUM	40	29		20	
CODE MAXIMUM			21		
Bldg 50-01-Level 1	16	9	14	16	
Bldg 50-01-Level 2	7	2	8	7	
Bldg 50-01-Level 3	7	3	8	7	
Bldg 50-02-Level 1	-4	-1	-3	-4	
Bldg 50-02-Level 2	-3	-1	-3	-1	
Bldg 50-04-Level 1	5	3	2	3	
Bldg 50-05/62-01-Level 1	14	8	10	15	
Bldg 50-05-Level 2	4	1	4	2	
Exist. Portables	0	0	0	0	
New Portables	0	0	0	0	
PROPOSED	46	24	+ 40	45	

TRUE

TRUE

TRUE

CODE NOTES DRAWINGS AND STRUCTURAL CALCULATION FOR EXTERIOR STAIR RAMP AND LANDING HAVE BEEN INCLUDED TO SHOW COMPLIANCE WITH

BLDG 62-01 1ST FLOOR (POOL BLDG)

FLOOR SF = 28,969 SF + 17,272 SF = 46,241 SF

FEMALE TOILETS COUNT = 14

FEMALE LAVATORY COUNT = 15

MALE LAVATORY COUNT = 15

MALE TOILETS COUNT = 8

URINALS COUNT = 10

BLDG 50-05 1ST FLOOR (GYM) + 62-01 1ST FLOOR (POOL BLDG)

PORTABLE BUILDING FOUNDATION DRAWINGS AND STRUCTURAL CALCULATIONS HAVE BEEN INCLUDED TO SHOW COMPLIANCE WITH SEISMIC (D) AND WIND (110 MPH EXPOSURE) REQUIREMENTS. ACCESSIBLE ROUTE OF TRAVEL FROM THE PORTABLE BUILDING TO THE PUBLIC WAY COMPLIES WITH IBC2018 AND ACCESSIBILITY STANDARDS

SEISMIC (D) AND WINDOW (110 MPH EXPOSURE) REQUIREMENTS

ILLUMINATION OF THE EXTERIOR MEANS OF EGRESS WILL BE ACHIEVED BY BATTERY BACK UP ON EXTERIOR LIGHTS OF THE PORTABLE. PER IBC CHAPTER 29 - DISTANCE TO RESTROOM FACILITIES & DRINKING FOUNTAIN MAY NOT EXCEED 500 LF. DISTANCE FROM BACK CORNER OF FURTHEST CLASSROOM TO RESTROOM IS LESS THAN 500 LF AND

THEREFORE COMPLIES. RAMPS SHALL CONFORM WITH THE WASHINGTON STATE BARRIER FREE DESIGN REQUIREMENTS AND APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS.

ALUMINUM MODULAR RAMP AND STAIR SYSTEM BY WELCOME RAMP SYSTEMS, INC. OR APPROVED EQUAL

a. LANDINGS - 5'X5' or 5'x6'; CAN BE BOLTED TOGETHER FOR LARGER

BLDG 50-05 2ND FLOOR (GYM)

FLOOR SF = 18,973 SF

URINALS COUNT = 4

FEMALE TOILETS COUNT = 4

FEMALE LAVATORY COUNT = 2

MALE LAVATORY COUNT = 2

MALE TOILETS COUNT = 1

b. RAMPS - 4',8', OR 10' LONG SECTIONS X 4' WIDE; CAN BE BOLTED TOGETHER TO FORM A MAXIMUM 30' RAMP RUN, WITH MAX RISE =

c. STAIR - MAX 7" RISER X 12" TREAD X 48" WIDE ANSI A117.1 - 2009 COMPLIANT

a. DECK/RAMP 100 PSF b. STAIR TREAD 300 LBS/TREAD c. RAILING 50 PLF/200 LBS CONC.

WALKING SURFACE OF RAMP, LANDING, OR STAIR. 42" VERTICAL PICKET GUARDRAIL FOR COMPONENTS OVER 30" FROM

GRADE TO WALKING SURFACE OF RAMP, LANDING, OR STAIR. GRASPABLE CONTINUOUS HANDRAIL AT 34" TO 38" OFF RAMP, PLATFORM. OR STAIR NOSING.

RETURN TO WALL OR RAIL COLUMN. O. RAMP AND RAILING TO HAVE CURBS WHICH DO NOT ALLOW PASSAGE OF 4" SPHERE WHERE ORIGINAL POSITION OF SPHERE IS WITHIN 4" OF THE WALKING SURFACE.

I. FOOTING INFORMATION:

DEVELOPMENT / PLANNING NOTES

. ZONING (PMC 20.44.005): PF (PUBLIC FACILITY)

2. USE (PMC 20.44.010, (7)): PUBLIC HIGH SCHOOL IN PUBLIC FACILITY ZONE

3. SCOPE (PMC 20.44.010, (7)): ADDITION TO EXISTING EXISTING HIGH SCHOOL CUP REQUIREMENT (PMC 20.44.017): HIGH SCHOOLS SHALL BE APPROVED BY EITHER (1) THE SUBMITTAL AND APPROVAL OF A CONDITIONAL USE PERMIT OR (2) THE SUBMITTAL AND APPROVAL OF A MASTER PLAN. -CUP PROCESS SELECTED

REQUIRED SETBACKS (PMC 20.44.020):

(1) MINIMUM LOT SIZE: NONE - OK (2) MINIMUM LOT WIDTH: NONE - OK

(3) MINIMUM LOT DEPTH: NONE - OK

(4) 20 FT AT FRONTAGE - OK (5) 20 AT REAR SETBACKS - OK

(6) 20 AT SIDE SETBACKS - WEST SIDE SETBACK PROPOSED TO BE REDUCED TO 14' SETBACK, EAST SIDE SETBACK IS COMPLIANT. DUE TO BUILDING WIDTHS AND REQUIRED BUILDING SEPARATIONS AND PATHWAYS, IT'S NOT

POSSIBLE TO FIT LAYOUT IN PARCEL WITHOUT ENCROACHING INTO THE SETBACK. ADJACENT PARCEL AT WEST SETBACK IS PF ZONED AND ALSO OWNED BY PUYALLUP SCHOOL DISTRICT, WHO HAS NO OBJECTION TO THIS ENCROACHMENT.

(7) MINIMUM LANDSCAPED SETBACK ALONG COMMON BOUNDARY WITH ANY

(a) FOR SCHOOLS: 15 FEET FOR PERIMETERS ABUTTING A STRUCTURE OR PARKING LOT ON THE PF-ZONED SITE; NONE FOR PERIMETERS ABUTTING OTHER PORTIONS OF A PF-ZONED SITE, INCLUDING PLAYFIELDS AND OPEN SPACE AREAS, SCHOOLS SUBJECT TO THESE LANDSCAPED SETBACK STANDARDS SHALL NOT BE SUBJECT TO THE PERIMETER BUFFER STANDARDS OF PMC 20.26.500;

(b) OR AS OTHERWISE ESTABLISHED THROUGH A CONDITIONAL USE PERMIT OF MASTER PLAN;) PERIMETER LANDSCAPE STANDARDS CONTAINED IN THIS SECTION SHALL

SUPERSEDE ANY PERIMETER STANDARDS IN PMC 20.58.005(2). STORMWATER CONTROL FACILITIES ON PF SITES SHALL BE SUBJECT TO THE LANDSCAPE STANDARDS OF PMC 20.58.005(3). (8) MAXIMUM BUILDING HEIGHT: SAME AS THE MOST RESTRICTIVE ABUTTING ZONE AT THE REQUIRED SETBACK LINE; BUILDING HEIGHT MAY BE

INCREASED ONE AND ONE-HALF FEET FOR EACH ADDITIONAL FOOT OF SETBACK UP TO A MAXIMUM HEIGHT OF 50 FEET; OR AS OTHERWISE APPROVED THROUGH A CONDITIONAL USE PERMIT OR MASTER PLAN. BUILDING HEIGHT: ALL PARCELS ABUTTING ARE PF ZONING OR PUBLIC RIGHT OF WAY. PROPOSED HEIGHT OF PORTABLES IS $16'-2\frac{1}{2}" < 50'$ MAX HEIGHT. - OK

PARKING (PMC 20.55.010, (27), (b)): HIGH SCHOOLS SHALL PROVIDE ONE SPACE FOR EACH 65 SQUARE FEET OF CLASSROOM SPACE, PLUS ONE SPACE FOR EACH 300 SQUARE FEET OF OFFICE SPACE. NO ADDITIONAL PARKING PROPOSED. EXISTING PARKING IS AVAILABLE ON PUYALLUP HIGH SCHOOL CAMPUS. PER CUP MEETING 3/12/2024, IF IT CAN BE DEMONSTRATED THAT AN OVERALL PARKING REDUCTION WILL OCCUR FROM THE DEMOLITION OF BUILDING 50-02 AND ADDITION OF PORTABLES, NO NEW PARKING WILL BE REQUIRED. REFER TO PLANS ABOVE FOR SF CALCULATIONS AT BUILDING 50-02 LEVELS 1&2 AND PROPOSED NEW PORTABLES. THE CALCULATIONS ARE LIMITED TO VERIFYING A DECREASE IN

REQUIRED PARKING BETWEEN DEMOLITION OF BUILDING 50-02 AND

CAMPUS PARKING REQUIREMENTS.

ADDITION OF PORTABLES, NOT A CALCULATION OF OVERALL HIGH SCHOOL

ARCHITECTURAL

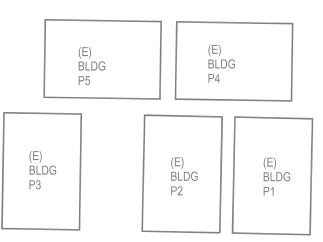
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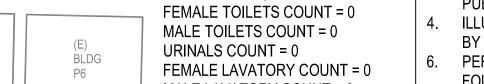
Building Permit #: PLCUP20230109 CUP#:

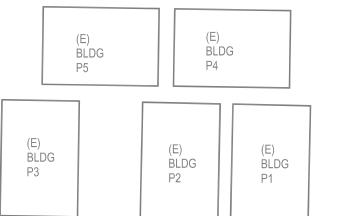
Owner's Project #: 2023106 Architect's Project #: Drawn By Checked By

BLDG P13 BLDG P10 BLDG P11 BLDG (E) BLDG BLDG

EXIST PORTABLES P1-13 FLOOR SF = 11,648 SF FEMALE TOILETS COUNT = 0 MALE TOILETS COUNT = 0 URINALS COUNT = 0 FEMALE LAVATORY COUNT = 0 MALE LAVATORY COUNT = 0









RAMP & STAIR SYSTEM

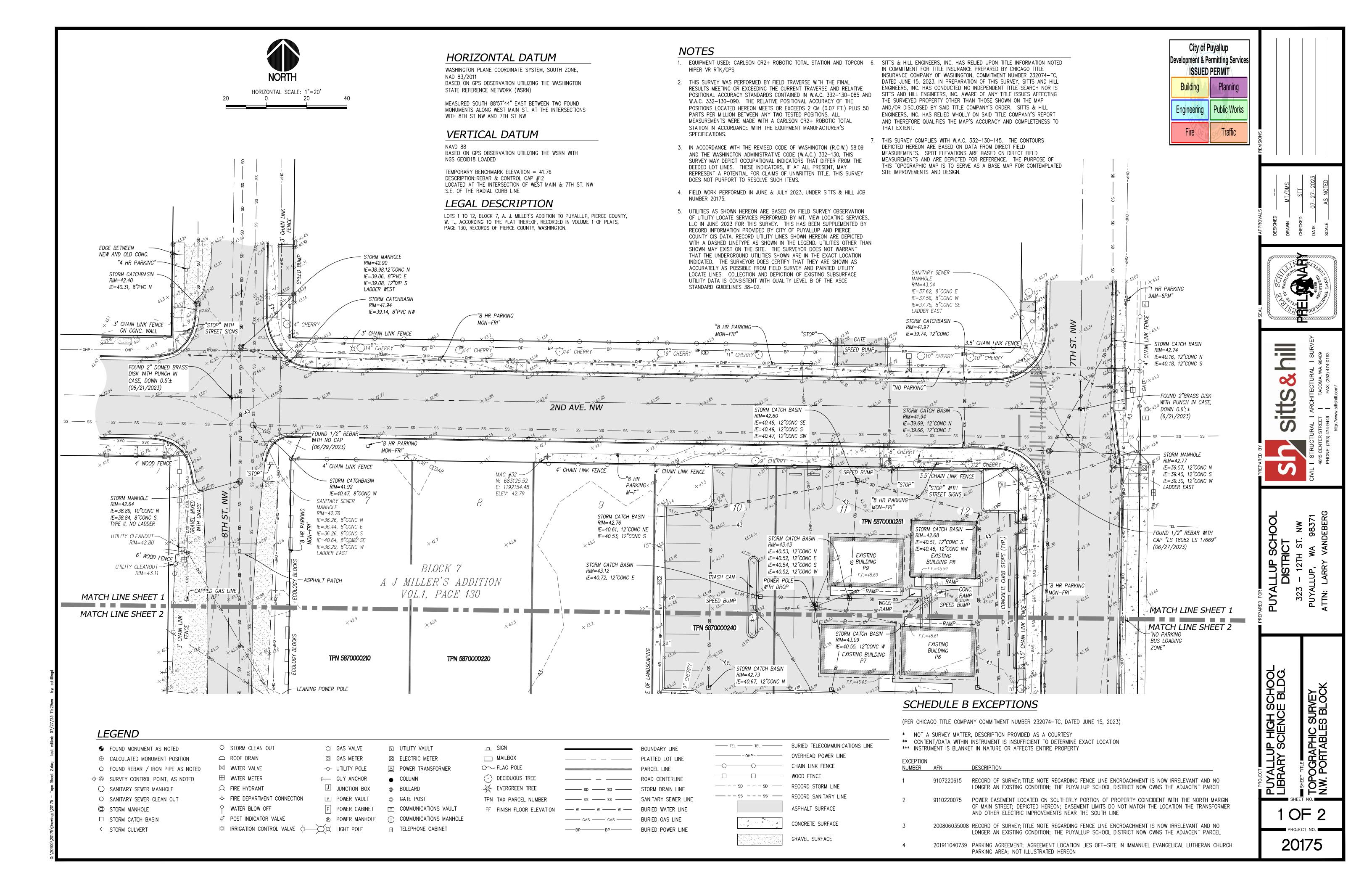
BLDG-50-05 1ST FLOOR

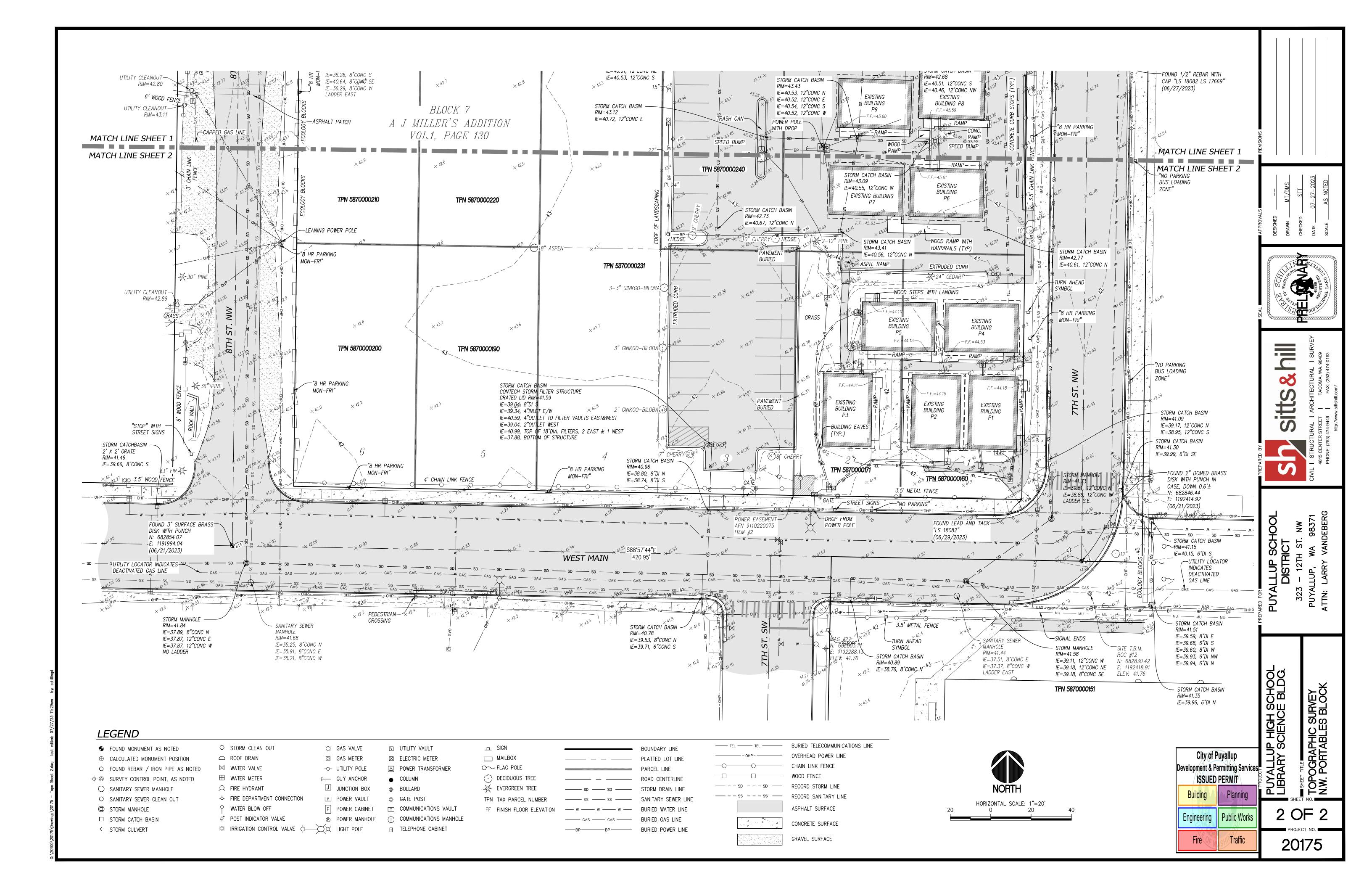
TYPICAL COMPONENT SIZES:

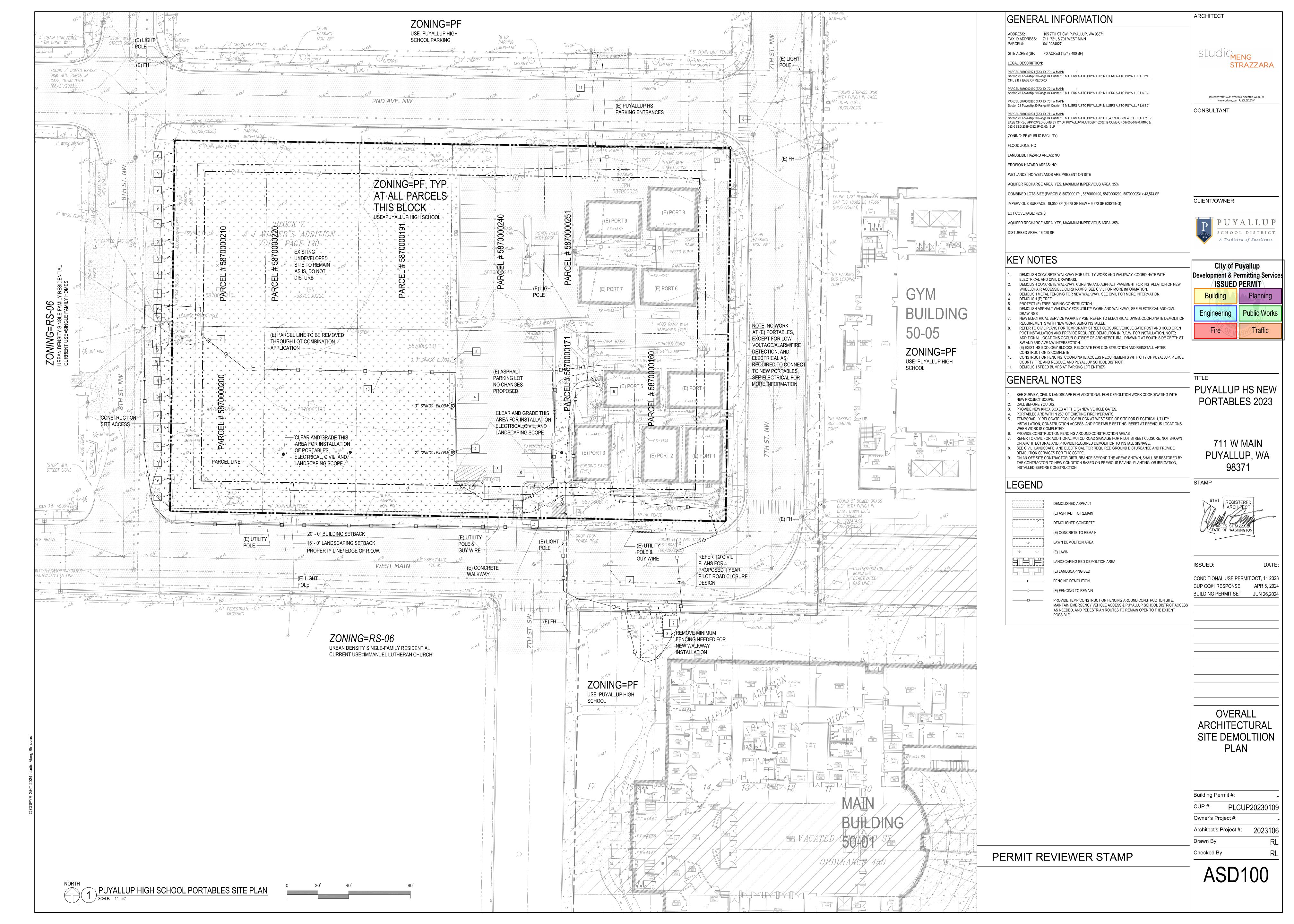
DOOR CLEARANCE PER IBC STANDARD 3 LINE RAIL FOR COMPONENTS 30" OR LESS FROM GRADE TO

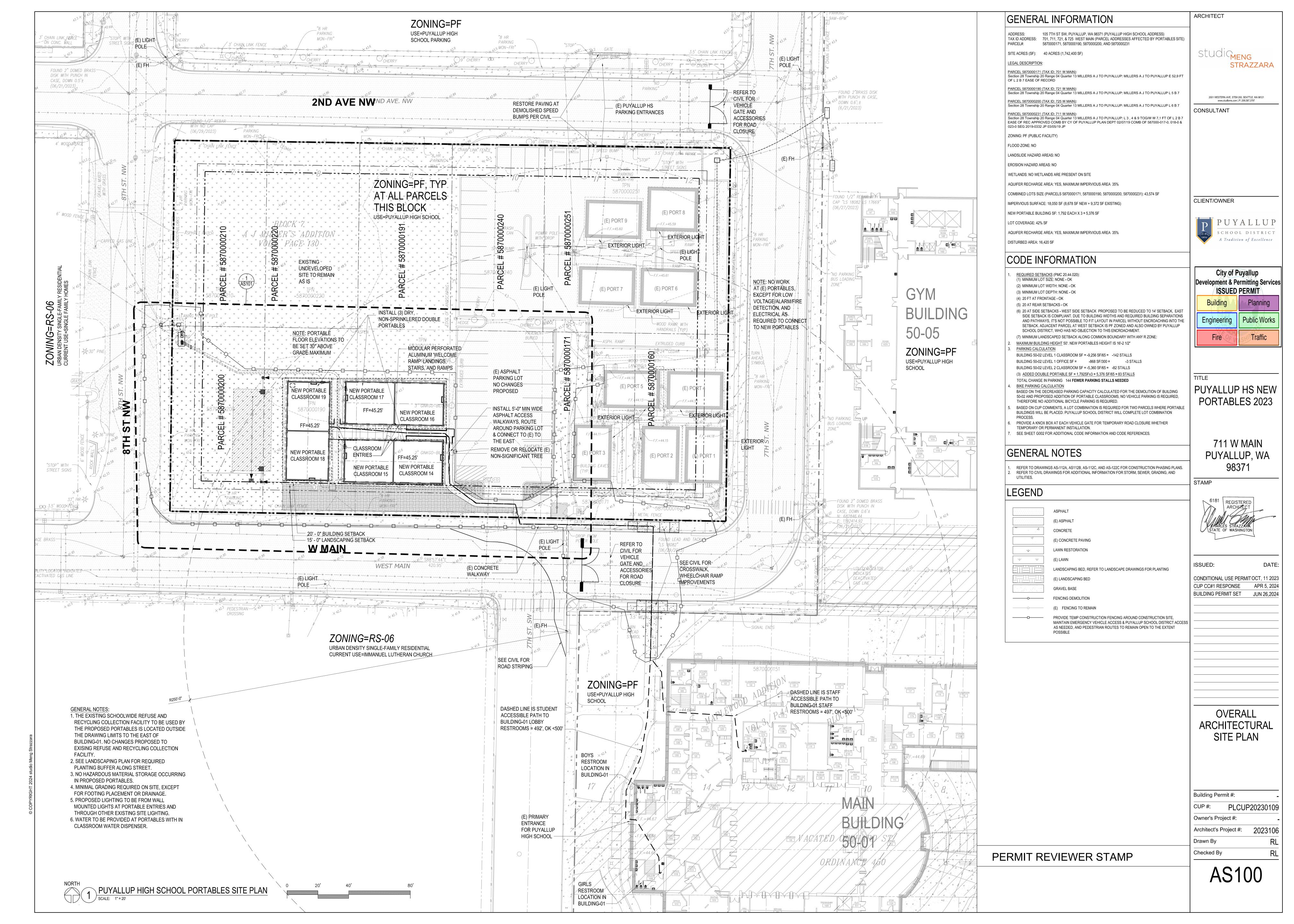
HANDRAILS TO EXTEND 12" HORIZONTALLY OVER WALKING SURFACE AND

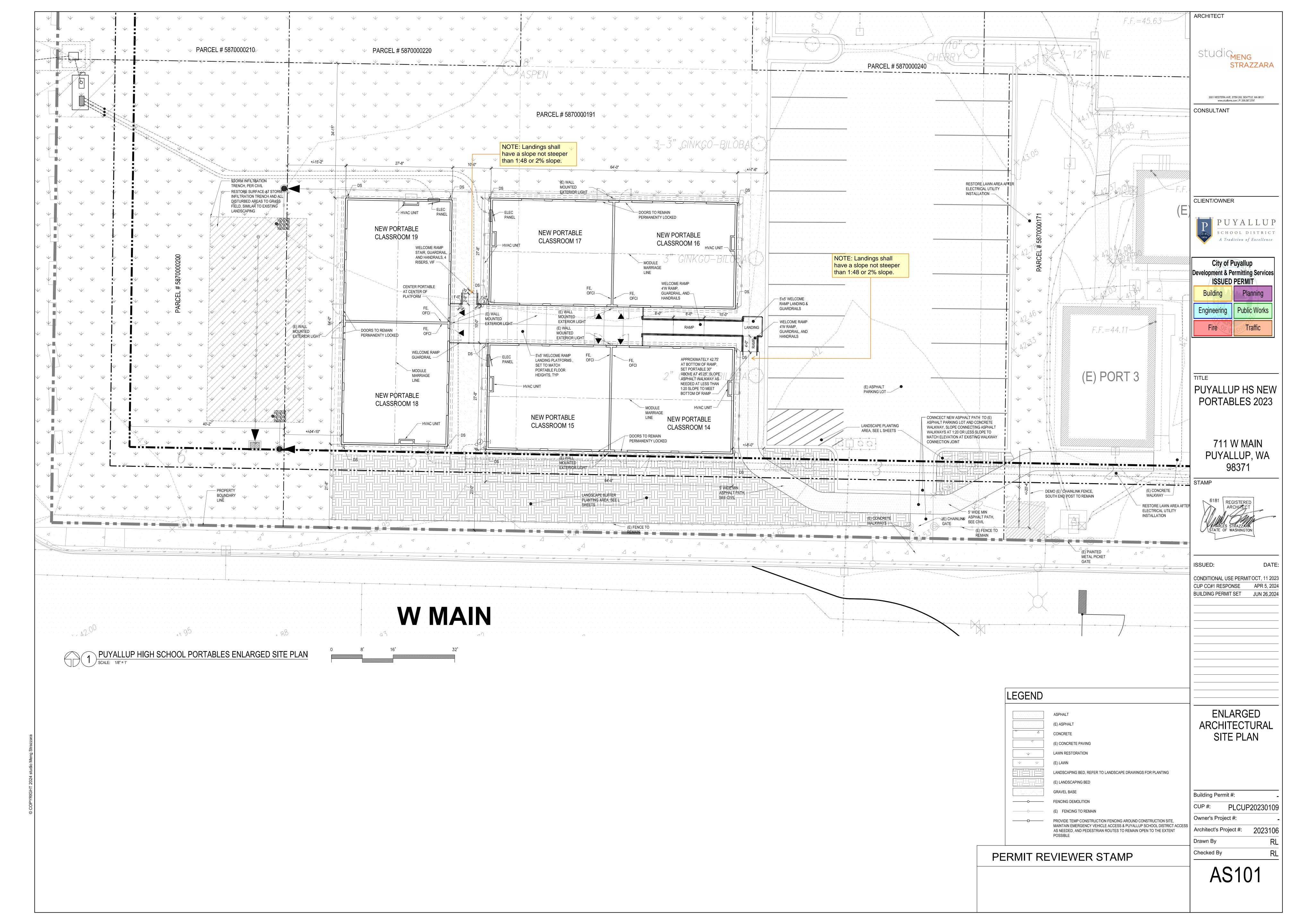
2"X12"X12" P.T. WOOD PAD REQUIRED UNDER ALL ADJUSTABLE LEGS EXCEPT AT THE "U"IN THE SWITCHBACK CONFIGURATION WHERE A 4" X 16" X 16" CONCRETE PAD OR 16" X 16" POLYVOC. PVC PAD IS REQUIRED (SEE CONFIGURATION "F").





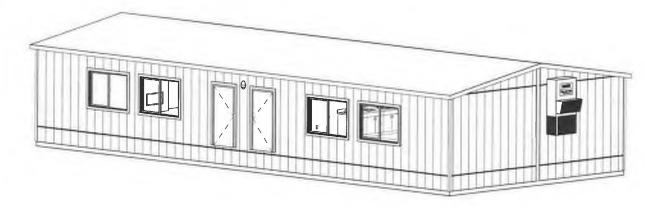




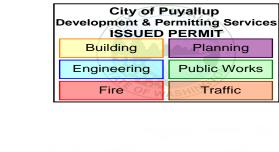


SUMNER SD II

28' x 64' MODULAR CLASSROOM



Omit Duplicate modular plan pages that are not being used and/or that are not current.



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Sht. No.	Sheet Name	Current Rev.	Rev Issued By
A 0.0	COVER SHEET		
A 0.1	GENERAL NOTES		
A 0.2	ENERGY CODE NOTES		
A 1.0	FLOOR PLAN		
A 1.1	REFLECTED CEILING PLAN		
A 2.0	EXTERIOR ELEVATIONS		
A 2.1	EXTERIOR ELEVATIONS		
A 3.0	FINISH PLAN (NOT USED)		
A 3.1	FINISH NOTES		
A 3.2	SCHEDULES		
A 3.3	DATA SCHEDULES		
A 4.0	INTERIOR ELEVATIONS		
A 5.0	DETAILS (NOT USED)		
A 5.1	WINDOW/DOOR DETAILS		
S 1.0	FOUNDATION PLAN		
S 2.0	FRAMING PLAN (NOT USED)		
S 3.0	BUILDING SECTIONS		
S 4.0	FOUNDATION NOTES & DETAILS		
S 4.1	FOUNDATION DETAILS		
S 4.2	FOUNDATION DETAILS		
S 4.3	DETAILS		
S 4.4	DETAILS		
S 4.5	DETAILS		
E 0.1	ELECTRICAL LEGEND & NOTES		
E 1.0	ELECTRICAL PLAN		
E 2.0	LIGHTING PLAN		
E 3.0	ELEC. PANELS & LOAD CALCS.		~
M 0.1	HVAC NOTES & LEGEND		
M 1.0	HVAC PLAN		
P 1.0	PLUMBING NOTES & SCHEMATICS		

		VI L	/
REV.	DESCRIPTION	DATE	BY

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SHEET COVER SHEET	'
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PROJ. 28' x 64' MODULAR CLASSROOM

SUMNER SD II (BLDG #8)

JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7 SHEET #

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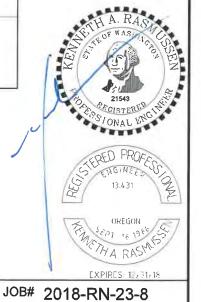
ADDRESS 1707 MAIN ST. SUMNER, WA 98390 DRW SR DATE 4/3/18

GENERAL NOTES

- 1. THE TERM IBC SHALL APPLY TO THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE STATES OF OREGON AND WASHINGTON. FOR PROJECTS IN ALL OTHER STATES IT SHALL APPLY TO THE CURRENT EDITION OF THE UBC OR IBC AS ADOPTED BY THAT STATE.
- 2. ALL CONTROLS AND HARDWARE SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES.
- 3. LOCAL JURISDICTION TO DETERMINE COMPLIANCE WITH IBC CHAPTER 29 (WITH REGARD TO ADJACENT FACILITIES) IN ACCORDANCE WITH THEIR CURRENTLY ADOPTED EDITION OF THE IBC.
- 4. WHERE REQUIRED, PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH 2015 IFC SECTION 906
- 5. PER WAC 296-150F-0605 REQUIRES TOILET FACILITIES LOCATED IN AN ADJACENT FACILITY TO BE NOTED ON THE PLAN SUBMITTAL AND THAT THE REQUIREMENTS OF IBC CHAPTER 29, SECTION 2902. TABLE 2902.1 OF THE STATE BUILDING CODE MUST BE VERIFIED BY THE LOCAL JURISDICTION BUILDING OFFICIAL AND SHOWN ON THE NLEA.
- 6. IF APPLICABLE, SPECIAL INSPECTION REQUIRED IN ACCORDANCE WITH IBC CHAPTER 17, SECTION 1705. FOR THIS PROJECT ALL APPLICABLE CRITERIA IS RELATED TO WELDING. THE P.E. CAN PERFORM THE INSPECTION.
- 7. IF APPLICABLE, PERIODIC SPECIAL INSPECTION OF WOOD SHEAR WALLS WITH FASTENER SPACING OF 4" OR LESS WILL BE PERFORMED BY THE ENGINEER OF RECORD OR ALTERNATE. A REPORT SHALL BE SUBMITTED TO THE DEPARTMENT AND PLACED INTO THE APPROVED SET.
- 8. IF APPLICABLE, FIRE ALARM SYSTEM TO BE FIELD INSTALLED (BY OTHERS) PER 2015 IBC SECTION 907.1.2. SEE ELECTRICAL PLAN FOR DEVICE LOCATIONS. FIRE ALARM INSPECTION AND APPROVAL PER LOCAL AUTHORITY HAVING JURISDICTION.
- 9. IF APPLICABLE, FIRE SAFETY AND EVACUATION PLANS SHALL BE PROVIDED BY OWNER PRIOR TO CERTIFICATE OF OCCUPANCY PER 2015 IFC SECTION 403
- 10. THIS SET OF PLANS PREPARED AND SUBMITTED FOR APPROVAL UNDER THE FOLLOWING CODES:

	OREGON	WASHINGTON
BUILDING	2015 IBC	2015 IBC/WAC 51-50
MECHANICAL	2015 IMC	2015 IMC/WAC 51-52
FIRE	2015 IFC	2015 IFC/WAC 51-54A
PLUMBING	2017 OPSC	2015 UPC/WAC 51-56
ENERGY	2014 OEESC	2015 WSEC/WAC 51-11C
ELECTRICAL	2017 OESC	2017 NEC

	DESIGN CRITERIA
GENERAL:	
CONSTRUCTION TYPE	VB (NON-SPRINKLERED)
OCCUPANCY GROUP	E
OCCUPANCY LOAD	84
DISTANCE TO PROPERTY LINE	FRONT: 10' MIN.
OR ASSUMED PROPERTY LINE	REAR: 10' MIN.
	LEFT: 10' MIN.
	RIGHT: 10' MIN.
ELECTRICAL:	
ELECTRICAL SERVICE LOAD	225A / 120/240V / 1 PH.
	50.0 kVA
MECHANICAL:	
VENTILATION OCCUPANCY LOAD	58
CLIMATE ZONE	4C/5B
HEATING	SPV/HP
AIR-CONDITIONING	YES
PLUMBING:	
PLUMBING OCCUPANCY LOAD	OR - 78 (39 MALE/39 FEMALE) / WA = 1771sf / 100 = 18 (9 MALE/9 FEMALE)
QUANTITY OF PLUMBING FIXTURES	OR = 7 / WA = 6
STRUCTURAL:	
ROOF SNOW LOAD	30 PSF
FLOOR LIVE LOAD	50 PSF
WIND LOAD	Lambda = 1.0 Vult = 140 MPH (Vasd = 108 MPH) 3 SECOND GUST - EXP. B
SEISMIC	BEARING WALL SYSTEM: S _S = 1.500, F _a = 1.000
	S _{DS} = 1.000, RISK CATEGORY II
	I _e = 1.0, SEISMIC DESIGN CATEGORY D, SITE CLASS D



City of Puyallup

Development & Permitting Services

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Planning

Public Works

Traffic

Building

Engineering

Fire

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PROJ.

28' x 64' MODULAR CLASSROOM

SUMNER SD II (BLDG #8)

SHEET#

DMP: 2016 OR/WA ADD #7

ENERGY CODE NOTES

- 1. ALL BUILDING THERMAL ENVELOPE INSULATION SHALL BE MARKED IN ACCORDANCE WITH OEESC 303.1.1 AND WSEC C303.1.1 AND INSTALLED PER OEESC 303.1.2 AND WSEC C303.1.2
- 2. BLOWN-IN INSULATION SHALL BE INSTALLED AND CERTIFIED PER OEESC 303.1.1.1 AND WSEC C303.1.1.1
- 3. ALL AIR BARRIER MATERIALS SHALL BE ASTM E2178 RATED OR AS LISTED IN OEESC 502.4.1.2.1 AND WSEC C402.5.1.1
- 4. AIR BARRIER COMPLIANCE OPTIONS: CONTINUOUS AIR BARRIER FOR THE OPAQUE BUILDING ENVELOPE SHALL COMPLY WITH OEESC 502.4.1.2.1

AIR BARRIER TESTING AND REPORTING TO BE CONDUCTED PER WSEC C402.5.1.2 FOR THE STATE OF WASHINGTON

- 5. PENETRATIONS OF THE AIR BARRIER SHALL BE CAULKED, GASKETED OR SEALED PER OEESC 502.4.2 AND WSEC C402.5.1.1
- 6. ALL FENESTRATION ASSEMBLIES SHALL BE LABELED BY THE MANUFACTURER PER OEESC 303.1.3 AND 502.4.1 AND WSEC C303.1.3 AND C402.4.3
- 7. AIR ECONOMIZER SHALL BE CAPABLE OF PROVIDING 100% OUTSIDE AIR PER OEESC 503.3.1 AND WSEC C403.3.3.1
- 8. ECONOMIZER HIGH-LIMIT SHUTOFF CONTROL IS ELECTRONIC ENTHALPY PER MANUFACTURER'S SPECIFICATIONS AND WSEC C403.3.3.3
- 9. MECHANICAL VENTILATION SYSTEM SHALL HAVE THE CAPABILITY TO REDUCE THE OUTSIDE AIR SUPPLY TO THE MINIMUM REQUIRED PER OEESC 503.2.5 AND WSEC C403.5
- 10. OUTSIDE AIR AND EXHAUST AIR DAMPERS SHALL BE RATED PER OEESC 502,4,4 AND 503.2.4.5 AND WSEC C402.5.5 AND C403.2.4
- 11. THIS PROJECT PROVIDES TWO ADDITIONAL EFFICIENCY PACKAGE OPTIONS PER 2015 WSEC, SECTION C406.
 - A. ENERGY ADD OPTION #1 IS WSEC C406.1 (ITEM #2): C406.3 REDUCED LIGHTING POWER DENSITY. INSTALLED LIGHTING WATTAGE IS LESS THAN 75% OF ALLOWED INTERIOR LIGHTING WATTAGE WSEC C405.4.2(1) OR C404.4.2(2)
 - B. ENERGY ADD OPTION #2 IS WSCE C406.1 (ITEM #3); C406.4 ENHANCED LIGHTING CONTROLS. NO LESS THAN 90% OF ALL INTERIOR LIGHTING IS CONTROLLED WITH CONTINUOUS DIMMING ALONG WITH EXCEPTION #3 OF WSEC 406.4
- 12. THIS PROJECT MEETS DEDICATED OUTDOOR AIR SYSTEM REQUIREMENTS PER WSEC C403.6, EXCEPTION #1, NATURAL VENTILATION AREAS AT WINDOWS IS GREATER THAN 4% OF FLOOR AREA (OPEN WINDOW AREA = 82.4 SQ. FT. > 70.8 SQ. FT. = 4% (1771 SQ. FT. FLOOR AREA)

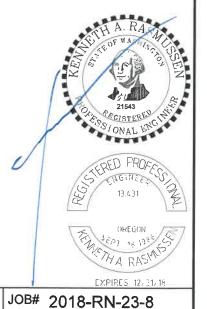
SYSTEM COMMISSIONING NOTES

1. PRIOR TO CONSTRUCTION, A COMMISSIONING PLAN SHALL BE DEVELOPED PER WSEC C408.1.2. THE COMMISSIONING PLAN SHALL BE USED DURING CONSTRUCTION TO INSURE PROPER INSTALLATION, TESTING AND BALANCING OF BUILDING SYSTEMS AS FOLLOWS:

MECHANICAL SYSTEM PER WSEC C408.2 LIGHTING AND CONTROLS PER WSEC C408.3 SERVICE WATER HEATING PER WSEC C408.4 **ENERGY METERING PER WSEC C408.6**

NOT REQUIRED (EXCEPTION) NOT REQUIRED (EXCEPTION #1 AND #2) NOT REQUIRED (EXCEPTION #1) NOT REQUIRED (PER C409.1)

- City of Puyallup Development & Permitting Services **ISSUED PERMIT** Building Planning **Public Works** Engineering Traffic
- 2. UPON COMPLETION OF CONSTRUCTION, A PRELIMINARY COMMISSIONING REPORT SHALL BE COMPLETED AND CERTIFIED AND PROVIDED TO THE BUILDING OWNER PER WSEC C408.1.4.1.
- 3. OPERATING AND MAINTENANCE MANUALS FOR ALL COMMISSIONED BUILDING SYSTEMS SHALL BE PROVIDED TO THE BUILDING OWNER PER OEESC 503.2.9.2 AND WSEC C103.6.2.
- 4. DOCUMENTS, MANUALS AND REPORTS REQUIRED BY WSEC C103.6.3 SHALL BE PROVIDED TO THE BUILDING OWNER WITHIN 180 DAYS OF RECEIVING THE CERTIFICATE OF OCCUPANCY.
- 5. A FINAL COMMISSIONING REPORT SHALL BE PROVIDED TO THE BUILDING OWNER PER WSEC C408.1.3.
- 6. THE BUILDING OWNER SHALL BE TRAINED IN PROPER OPERATION AND MAINTENANCE OF ALL COMMISSIONED BUILDING SYSTEMS PER WSEC C103.6.4



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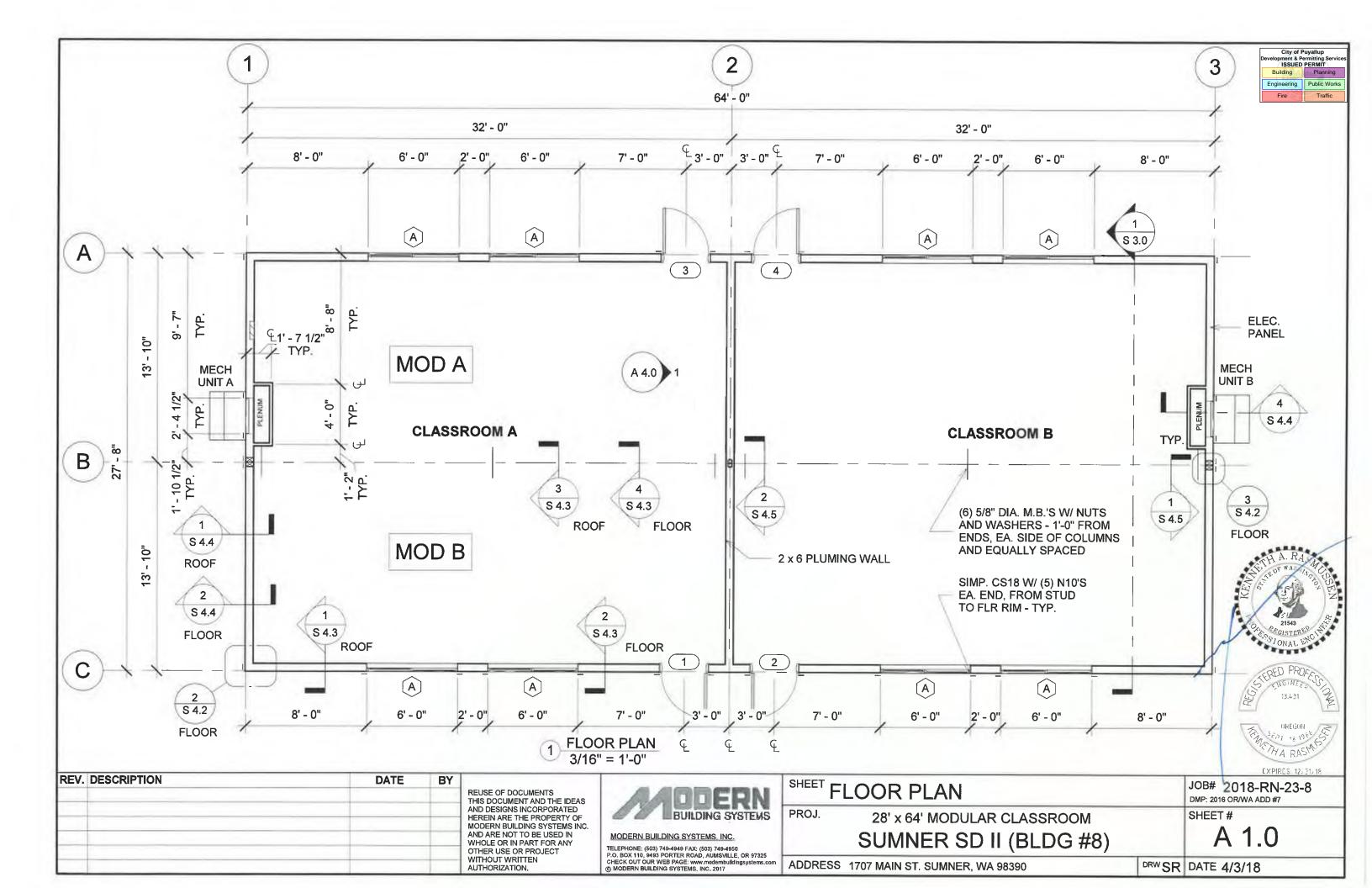
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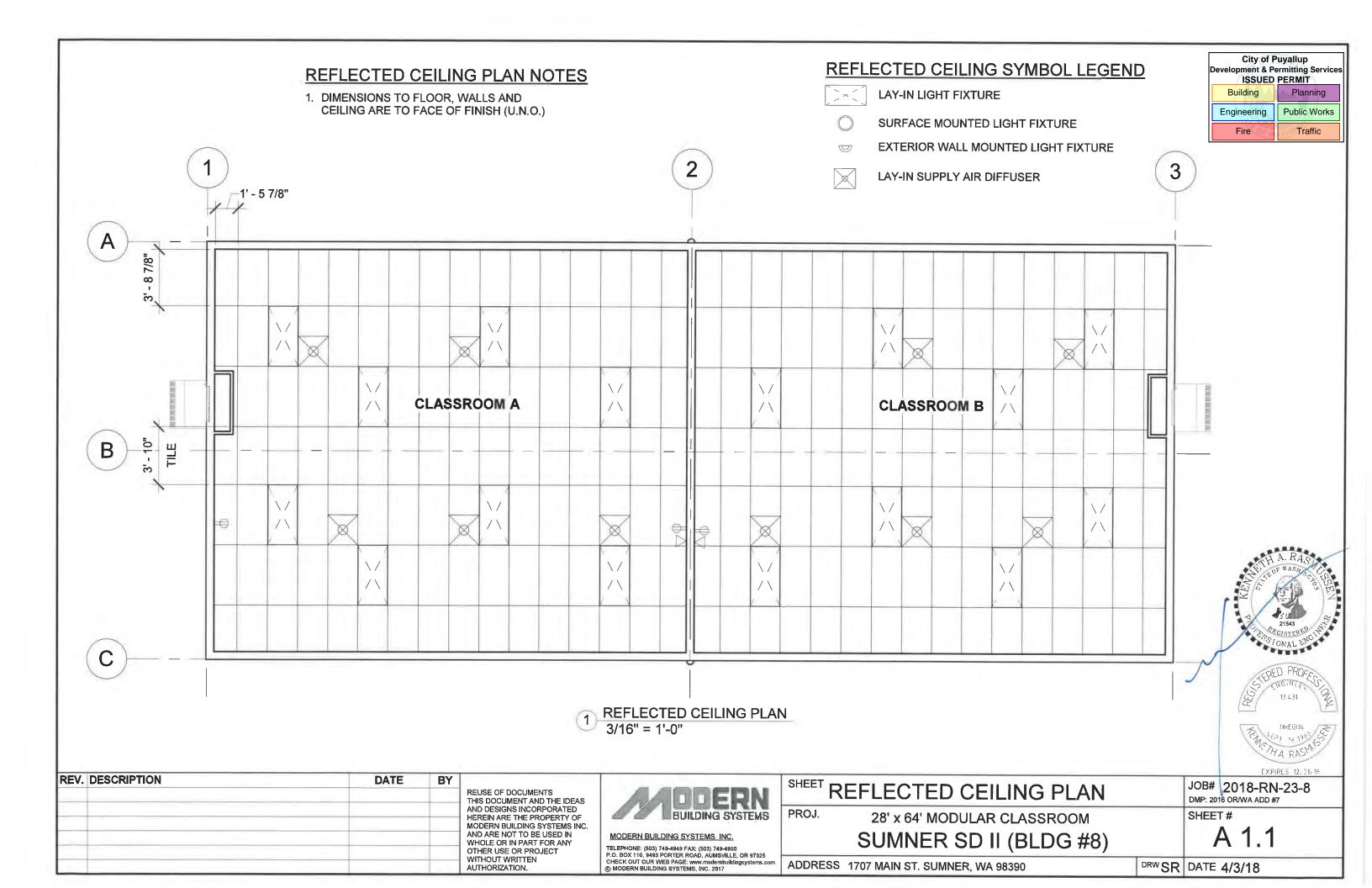
28' x 64' MODULAR CLASSROOM

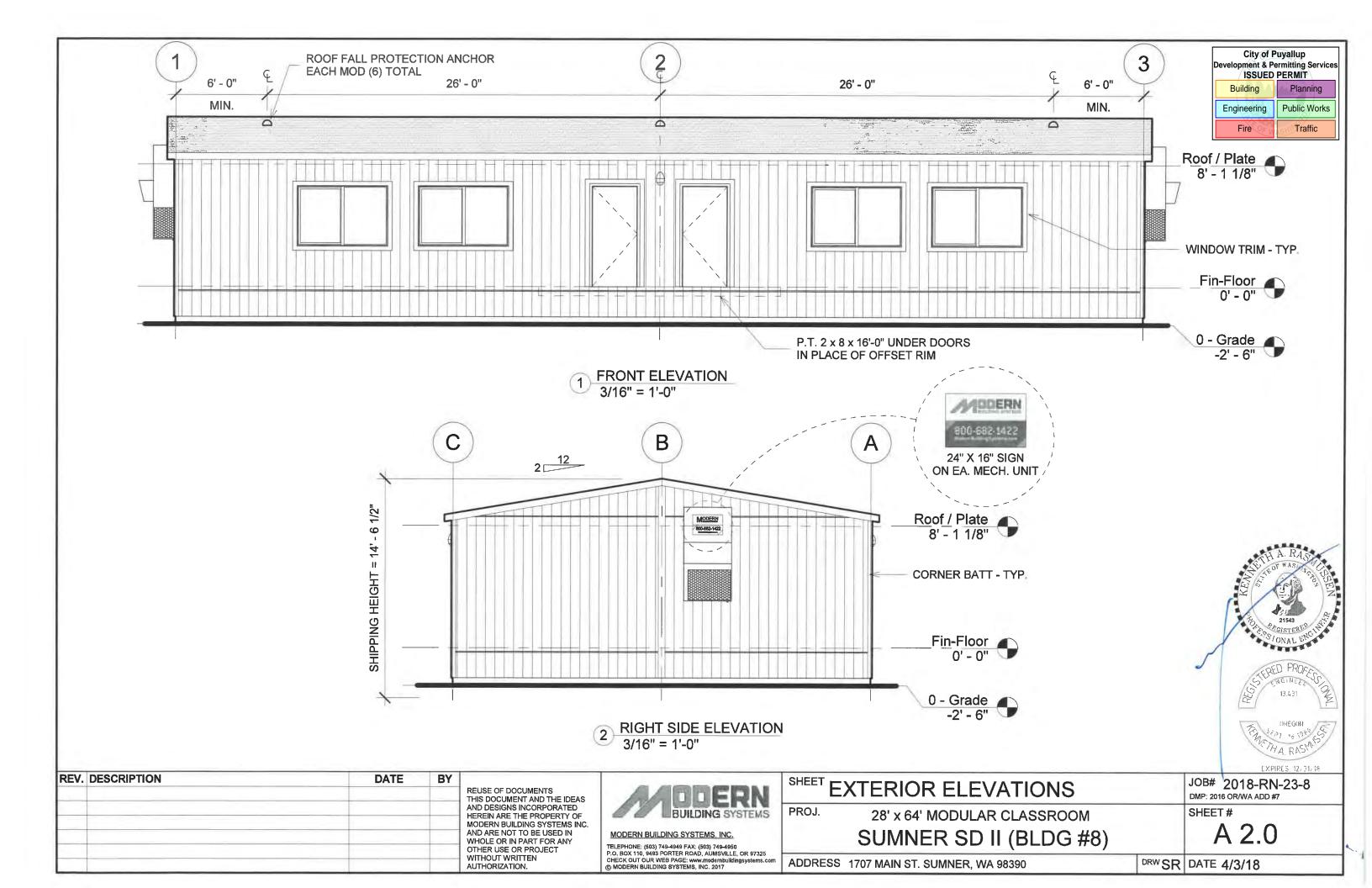
SUMNER SD II (BLDG #8)

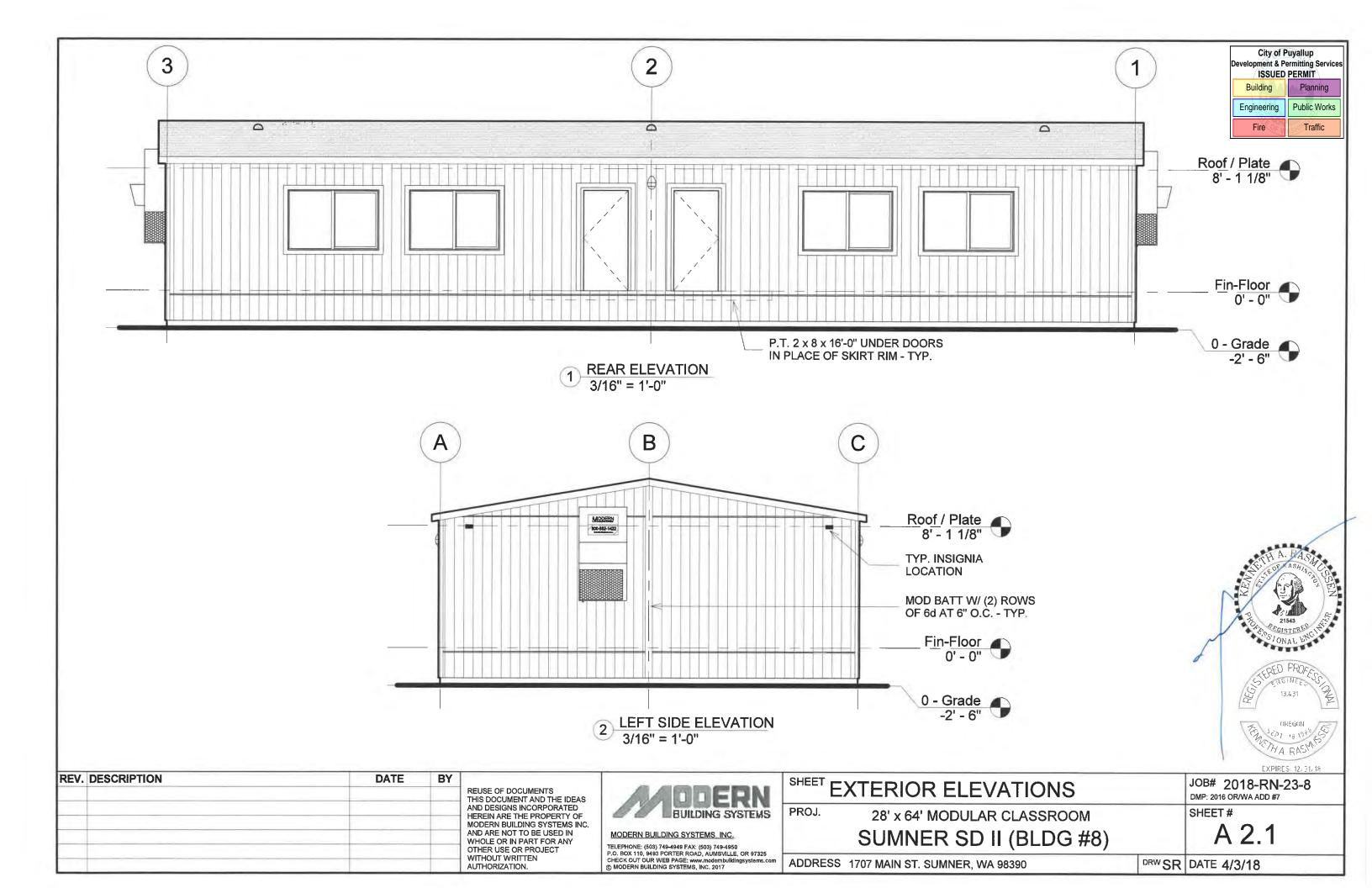
SHEET#

DMP: 2016 OR/WA ADD #7









FLOOR CONSTRUCTION

FINISH: CARPET THRU OUT

BASE: 4" VINYL THRU OUT

UNDERLAYMENT: NONE

SUBFLOOR: 23/32" APA RATED SHEATHING (24) (ACTS AS 1 PERM MAX. VAPOR BARRIER) (ACTS AS AIR BARRIER)

JOISTS: 2 x 8 DF #2 AT 16" O.C., DBL. 2 x 8 AT ENDS

RIM JOISTS: MURPHY LVL 3100 Fb - 2.0E, 1.5" W x 7-1/4" D (ESR-1387 AND ESR-2913)

OFFSET RIMS: 2 x 4 DF #2

INSULATION: R-30 U (2 LAYERS R-15 FIBERGLASS BATTS)

BOTTOM CLOSURE: FS-25

EXTERIOR WALL CONSTRUCTION

PLATE HEIGHT: 8'-1 1/8"

SIDING: 15/32" T1-11 (16) W/ 8" VERT. GROOVES

SHEATHING: NONE

STUDS: 2 x 6 DF STUD GRADE AT 16" O.C. W/ BLDG WRAP AT EXTERIOR (ACTS AS A WATER RESISTIVE BARRIER)

INSULATION: R-21 U (FIBERGLASS BATTS) HEADERS TO BE (2) 2x W/ MIN. R-10 INSULATION BETWEEN. SEE DOOR AND WINDOW SCHEDULE FOR SIZE.

INTERIOR FINISH: 5/8" V.C. GYPSUM BOARD (ACTS AS 1 PERM MAX. VAPOR BARRIER) (ACTS AS AIR BARRIER)

SKIRT: MATCH SIDING

INTERIOR WALL CONSTRUCTION

PLATE HEIGHT: 8'-1 1/8"

STUDS: 2 x 4 HF STUD GRADE AT 16" O.C. (U.N.O.)

INTERIOR FINISH: 5/8" V.C. GYPSUM BOARD

CEILING NOTES

CEILING HEIGHT: NOMINAL 8'-0" (U.N.O.)

CEILING: SUSPENDED T-GRID W/ ACOUSTIC TILE (REF: MFR'S INSTALLATION DATA)

INSTALL SUSPENDED CEILING PER IBC, ASTM C635, C636, ESR-1308 AND 401 DATED 12/13

ATTACH LIGHT FIXTURES TO CEILING GRID W/ (4) #6 x 1" STSM SCREWS

ATTACH HVAC DIFFUSERS TO CEILING GRID W/ (4) #6 x 1" STSM SCREWS

LIGHT FIXTURES SHALL BE INDEPENDENTLY SUPPORTED BY 12-1/2 GA. WIRES AT OPPOSITE CORNERS

ROOF CONSTRUCTION

ROOFING: FIBERGLASS COMP. SHINGLES OVER (2) LAYERS 15# FELT (MIN. CLASS B), (6) STAPLES

SHEATHING: 7/16" O.S.B. (24/16) (ACTS AS AIR BARRIER)

FRAMING: 2 x 10 DF #2 AT 24" O.C.

BEAMS: (2) MURPHY LVL 3100 Fb 2.0E, 1.5" W x 24" D (ESR-1387 AND ESR-2913)

INSULATION: R-42 (CELLULOSE) W/ FS-25 (ACTS AS 1 PERM MAX. VAPOR BARRIER)

OVERHANG: 6"

ROOF PITCH: 2 IN 12

EXTERIOR NOTES

CORNER BATTS: 1 x 4

FASCIA: 1 x 6

BARGE: 1 x 6

WINDOW/DOOR TRIM: 1 x 4

GUTTERS: 4" K-LINE (PREFINISHED)

DOWNSPOUTS: 2" x 3" RECT. (PREFINISHED)

FASTENING/SCHEDULE

MINIMUM NUMBER OF NAILS FOR WOOD MEMBERS (EXCEPT AS NOTED ON DRAWINGS)

	CONNECTION	NO. / SPACING
FLOOR	RIM JOIST TO FLOOR JOIST JOIST TO JOIST BLOCKING	3 PER JOIST 2 ROWS AT 12" O.C. 2 EACH END
WALL	STUDS TO PLATES - END NAIL STUDS TO PLATES - END NAIL BLOCKING JAMB STUD TO 4x HEADER JAMB STUD TO 2x HEADER STUD TO STUD (CRIPPLE, ETC.) UPPER TOP PLATE TO LOWER TOP PLATE BOTTOM PLATE TO FLOOR	2 EACH END AT 2 x 4 3 EACH END AT 2 x 6 2 EACH END MIN. 4 EACH END MIN. 2 EACH END 8" O.C. 2 EACH SIDE OF STUD 2 EACH SIDE OF STUD
ROOF	RIM JOIST TO RAFTER RIM JOIST TO TRUSS RAFTER TO RAFTER BLOCKING 2 x 4 LEDGER 2x BRACE TO RAFTER	3 PER RAFTER MIN. 2 PER TRUSS 2 ROWS AT 12" O.C. 2 EACH END 2 ROWS AT 6" O.C. 4 AT RAFTER

NOTE: ALL FASTENERS ARE 12d (.131)

STANDARD SHEATHING FASTENING - U.N.O.

FROM ESR-1539 JULY 2017

	SPACING	TYPE	MIN. LENGTH
FLOOR SHEATHING (UNBL	OCKED)		
23/32" CDX OR O.S.B. OR STURDI - FLOOR T&G	6" EDGE 8" FIELD	8d (.113) RING-SHANK	2-3/8"
FLOOR UNDERLAYMENT (GLUE AND STA	AGGER JOINTS)	
11/32" CCP	8" EDGE 8" FIELD	#7 SCREWS	1-5/8"
SIDING (ALL EDGES SUPPO	ORTED)		
15/32" T1-11	6" EDGE 12" FIELD	8d (.113) GALVANIZED	2-1/2"
ROOF SHEATHING (UNBLC	CKED)		1
7/16" O.S.B.	4-1/8" EDGE 8" FIELD	15 GA. STAPLE MIN. 7/16" CROWN	2"

City of Puyallup

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Public Works

Traffic

Building

Engineering

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SHEET FINISH NOT	ES	

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28' x 64' MODULAR CLASSROOM

SUMNER SD II (BLDG #8)

SHEET#

DMP: 2016 OR/WA ADD #7

ADDRESS 1707 MAIN ST. SUMNER, WA 98390

JOB# 2018-RN-23-8

	DOOR SCHEDULE																	
Mark	Width	Height	Thickness	Swing	Core	Lite Size	Lite Glass	Face	Door Finish	Frame Type	Frame Finish	Throat	R.O. Type	Hdw Group	Fire Rating	Door Header	U-Value	Remarks
1	3' - 0"	6' - 8"	1 3/4"	LHOS	НМ	-	-	MTL	PT	HM	PT	6 3/4"	G	1		(2) 2 x 8 DF #2	.22	
2	3' - 0"	6' - 8"	1 3/4"	RHOS	HM	-	-	MTL	PT	HM	PT	6 3/4"	G	1		(2) 2 x 8 DF #2	.22	
3	3' - 0"	6' - 8"	1 3/4"	LHOS	HM	-	-	MTL	PT	HM	PT	6 3/4"	G	1		(2) 2 x 8 DF #2	.22	
4	3' - 0"	6' - 8"	1 3/4"	RHOS	НМ	-	-	MTL	PT	HM	PT	6 3/4"	G	1		(2) 2 x 8 DF #2	.22	

NOTES:

- 1. CAULK AND SEAL ALL EXTERIOR DOORS
- 2. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (U.N.O.)
- 3. ALL DOOR LEADS 4-1/2" (U.N.O.)
 4. ALL DOORS TO HAVE A OPENING FORCE NOT EXCEED 5 POUNDS

WINDOW SCHEDULE													
Mark	Count	Width	Height	Туре	Frame	Glass	SHGC	U-VAL	Air Leakage	Ext. Trim	Int. Trim	Window Header	Comments
Α	8	6' - 0''	4' - 0"	XO	VINYL	DUAL / LOW E / TMP	0.30	0.34	.18 CFM/SF	1x4	VWS	(2) 2 x 8 DF #2	

1. CAULK AND SEAL ALL EXTERIOR WINDOWS

		<u>F</u>	HARDWARE SCHEDU	JLE		
GROUP #1	GROUP #2	GROUP #3	GROUP #4	GROUP #5	GROUP #6	GROUP #7
1-1/2 PAIR BUTTS LEVER/LEVER W/ LOCK CLOSER WEATHER-STRIP DOOR BOTTOM 1/2" MAX. ACCESSIBLE THRESHOLD						

		ABB	BREVIATIONS		
AL ALUMINUM AFF ABOVE FIN. FLR. BA BRONZE ANODIZED BV BOTTOM VENT CDR CEDAR CH COASTAL HEMLOCK	CLR CLEAR CS CAULK AND SEAL FGL FIBERGLASS FP FACTORY PRIMED FPT FIELD PAINTED HB HARDBOARD	HC HOLLOW CORE HF HEM FIR HM HOLLOW METAL INS INSULATED KD KNOCK DOWN LH LEFT HAND	LHR LEFT HAND REV. MTL METAL NRW NARROW (LITE) P&D PUNCH & DIMPLE PF PREFINISHED PT PAINT	RH RIGHT HAND RHR RIGHT HAND REV. SC SOLID CORE SF STOREFRONT STN STAIN TIM TIMELY FRAME	TMP TEMPERED TTP TAPE, TEXTURE, PT VWS VINYL WRAP SURR. WD WOOD WLD WELDED

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3

PROJ.

28' x 64' MODULAR CLASSROOM

SUMNER SD II (BLDG #8)

ADDRESS 1707 MAIN ST. SUMNER, WA 98390

JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7

City of Puyallup Development & Permitting Services **ISSUED PERMIT**

Engineering

Public Works

SHEET# A 3.2

	DOOR ROUGH	OPENING SCHEDULE
	EXT	ERIOR DOORS
Α	METAL DOORS W/ HOLLO R.O. WIDTH R.O. HEIGHT	DW METAL FRAME (WELDED) CALL SIZE + 4-1/2" CALL SIZE + 2-1/8"
В	DBL. METAL DOORS W/ F R.O. WIDTH	HOLLOW METAL FRAME (WELDED) CALL SIZE + 4-1/2" CALL SIZE + 2-1/8"
С	STOREFRONT DOOR R.O. WIDTH R.O. HEIGHT	CALL SIZE + 4-1/2" CALL SIZE + 2-1/8"
D	TIMELY SPLIT MEDIA DOO R.O. WIDTH R.O. HEIGHT	OR CALL SIZE + 1-1/4" CALL SIZE + 1"
E1	METAL DOOR W/ WOOD	FRAME (PEASE AND STANLEY) (INSWING) CALL SIZE + 2" CALL SIZE + 2"
E2	METAL DOOR W/ WOOD	FRAME (PEASE AND STANLEY) (OUTSWING) CALL SIZE + 2"
F		CALL SIZE + 1-1/4" CALL SIZE + 1"
G	METAL DOOR W/ HOLLOV R.O. WIDTH R.O. HEIGHT	W METAL FRAME (KNOCK-DOWN) CALL SIZE + 2" CALL SIZE + 1"
	Market and the second	ERIOR DOORS
1	HOLLOW / SOLID WOOD R.O. WIDTH R.O. HEIGHT	DOOR W/ WOOD FRAME CALL SIZE + 2" CALL SIZE + 2-1/8"
2	TIMELY FRAME R.O. WIDTH R.O. HEIGHT	CALL SIZE + 1-1/4" CALL SIZE + 1"
3	POCKET DOOR R.O. WIDTH R.O. HEIGHT	2x CALL SIZE + 2" CALL SIZE + 4"
4	BI-PASS DOOR R.O. WIDTH R.O. HEIGHT	CALL SIZE CALL SIZE + 2-1/8"
5	BI-FOLD DOOR R.O. WIDTH R.O. HEIGHT	CALL SIZE CALL SIZE + 5/8"

AREA SCHEDULE	(Gross Build	ing)
AREA TYPE	NO. MODS	AREA
Gross Building Area	2	1771 SF

ROOF SCI	HEDULE
DESCRIPTION	AREA
ROOFING	1889 SF

WALL SCHEDUL	E
DESCRIPTION	LENGTH
EXTERIOR 2x6	181' - 6"
EXTERIOR 2x SKIRTWALL	183' - 0"
INTERIOR 2x3	13' - 7"
INTERIOR 2x6	27' - 2"

OCCUPANT LOAD SCHEDULE				
FUNCTION OF SPACE	Area	LOAD FACTOR	OCCUPANT LOAD	
CLASSROOM A	830 SF	20	42	
CLASSROOM B	829 SF	20	42	
Total			84	

City of Puyallup Development & Permitting Services ISSUED PERMIT					
Building	Planning				
Engineering	Public Works				
Fire Fire Traffic					

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N	STERED PROFESS 13.431	
	OREGON OREGON 18 1988 FA A. RASYNES EXPIRES 12 31 18	

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SHEET	DATA SCHEDULES
PROJ.	28' x 64' MODULAR CLA

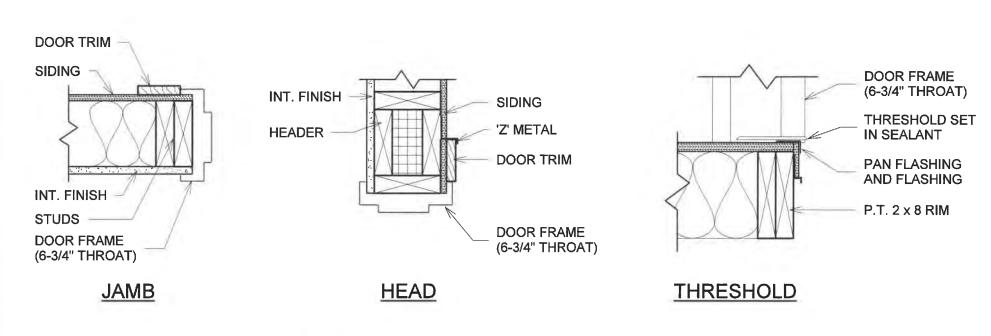
28' x 64' MODULAR CLASSROOM

SUMNER SD II (BLDG #8)

ADDRESS 1707 MAIN ST. SUMNER, WA 98390

JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7

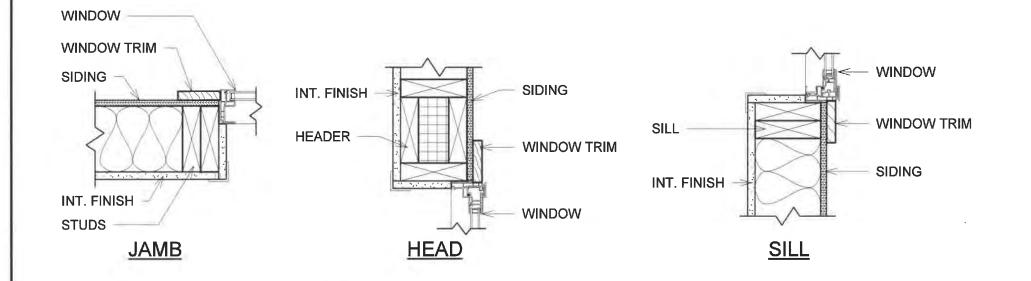
SHEET# A 3.3



City of Puyallup Development & Permitting Services
ISSUED PERMIT Building Planning Public Works Engineering Traffic

EXTERIOR DOOR DETAILS 1 1/2" = 1'-0"

WINDOW DETAILS 1 1/2" = 1'-0"



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SHEET WINDOW/DOOR DETAILS

ADDRESS 1707 MAIN ST. SUMNER, WA 98390

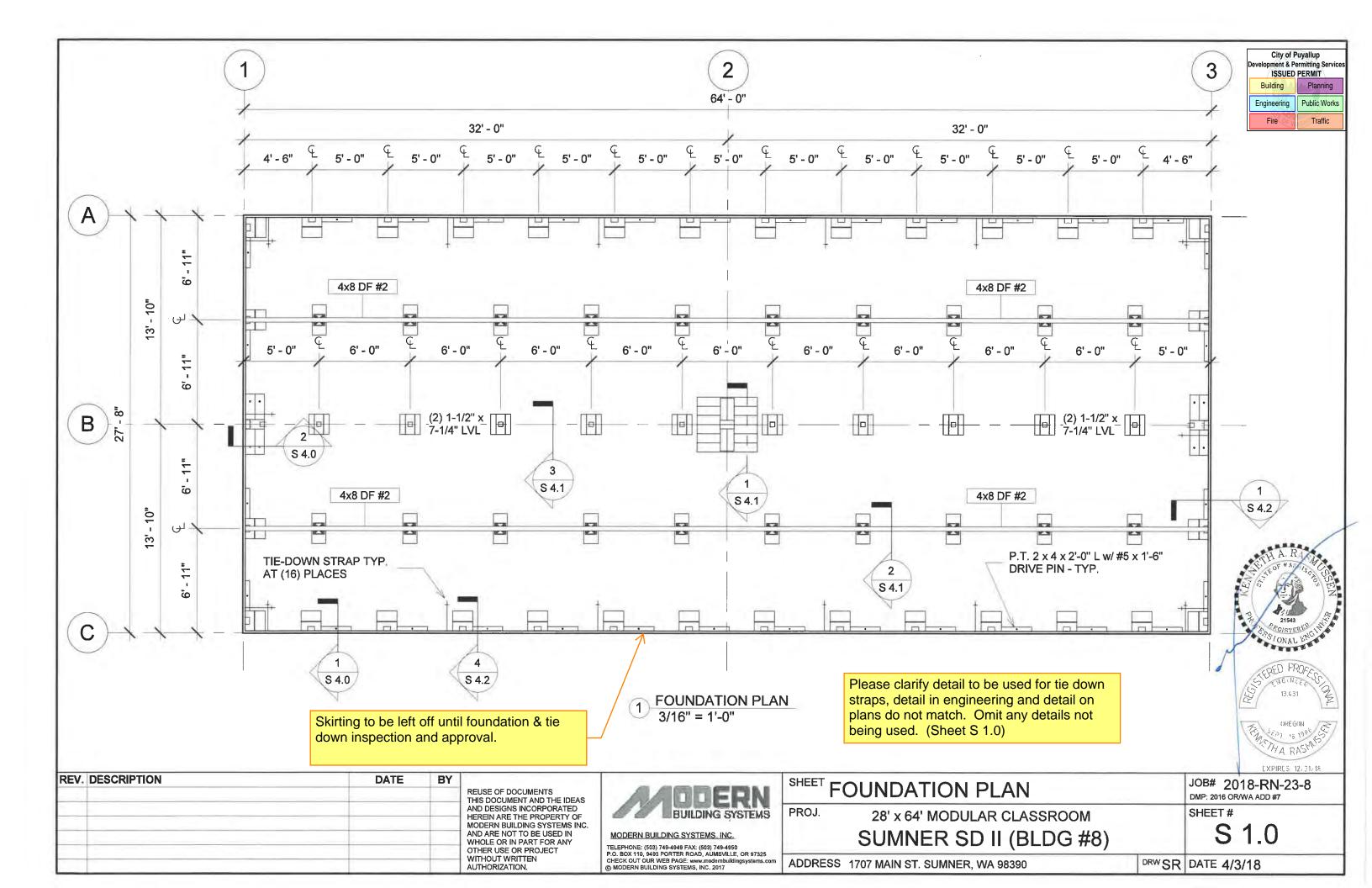
28' x 64' MODULAR CLASSROOM

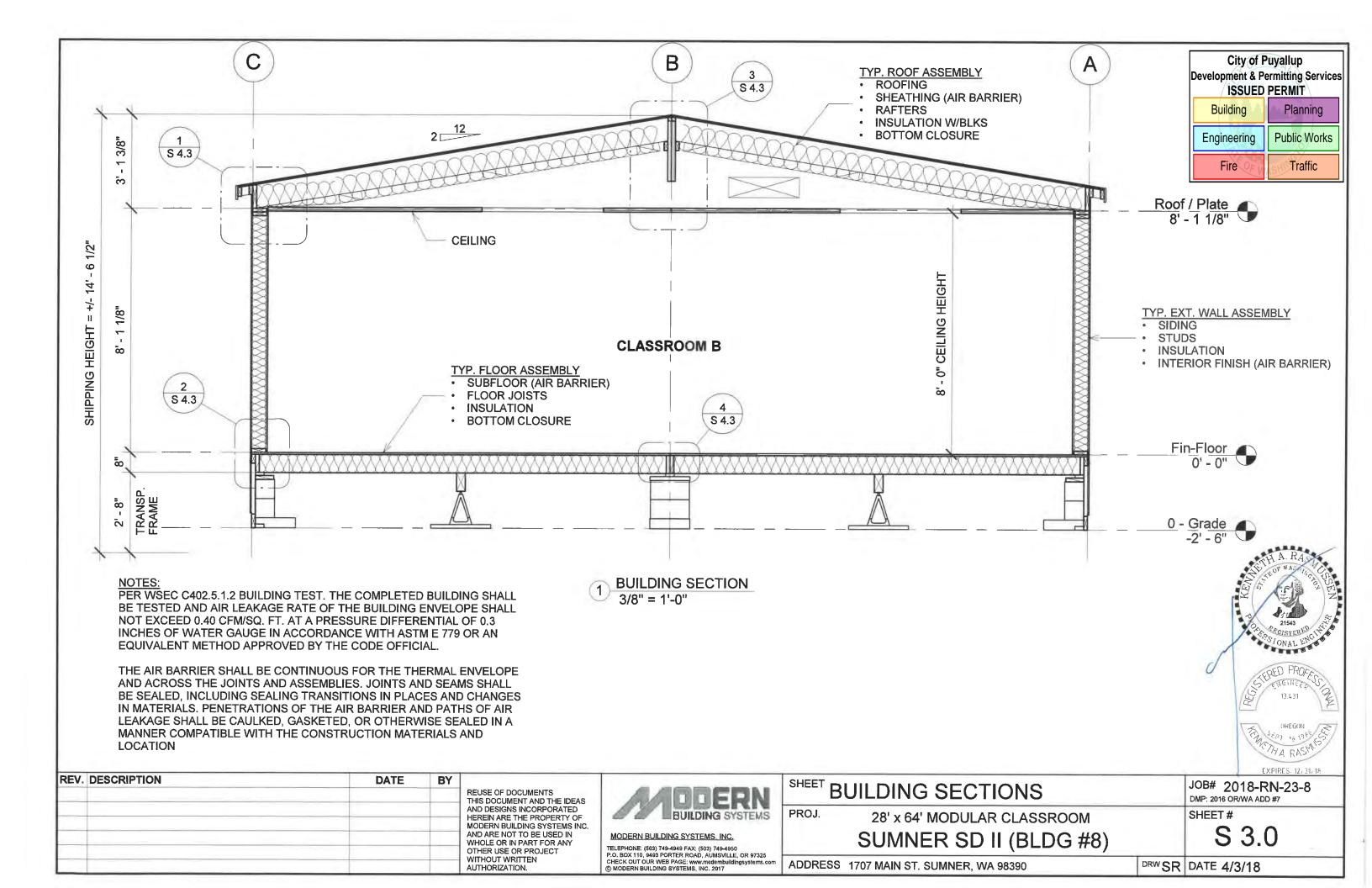
SUMNER SD II (BLDG #8)

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DRW SR DATE 4/3/18

SHEET#





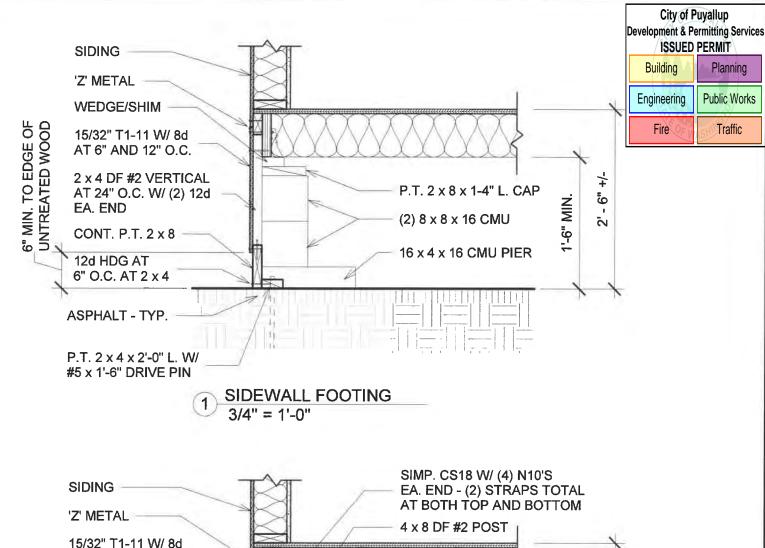
FOUNDATION NOTES

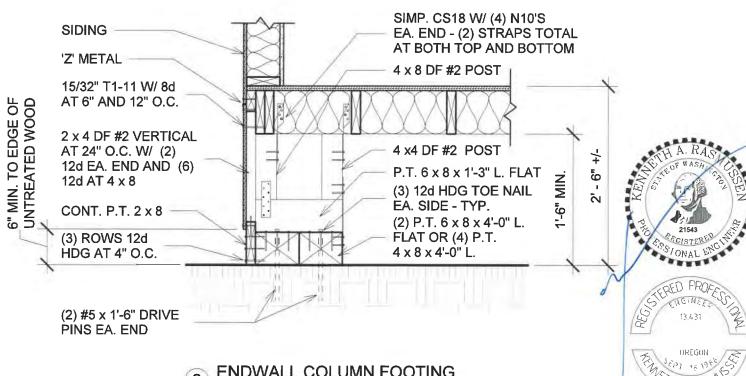
1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS. THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND OR EARTHQUAKE FORCES AND TEMPORARY FORCES DURING SETTING AND ERECTION UNTIL ALL UNITS HAVE BEEN PERMANENTLY ATTACHED THERETO. REMOVE ORGANIC / SOD UNDER ALL BEARING PADS.

2. DESIGN LOADS:

ROOF DEAD LOAD	12 PSF
ROOF SNOW LOAD	25 PSF
FLOOR DEAD LOAD	10 PSF
FLOOR LIVE LOAD	50 PSF
WIND LOAD	Lambda = 1.0 Vult = 140 MPH (Vasd = 108 MPH) 3 SECOND GUST - EXP. B
SEISMIC	BEARING WALL SYSTEM: S _S = 1.500, F _a = 1.000
	S _{DS} = 1.000, RISK CATEGORY II
	I _e = 1.0, SEISMIC DESIGN CATEGORY D, SITE CLASS D
ALLOWABLE BEARING CAPACITY	1,500 PSF AT SOIL

- 3. EXCEPT AS NOTED, DIMENSION LUMBER FOR FOUNDATION SHALL BE HEM-FIR, NO. 2 AND BETTER. TREATED LUMBER SHALL BE ACQ PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD U1, USE CATEGORY UC4A, TO A MINIMUM RETENTION OF 0.40 PCF. AT PIECES IN CONTACT WITH GROUND, SAWN END GRAIN SHALL BE FIELD TREATED WITH 2% MIN. CONCENTRATION COPPER NAPHTHENATE. TREATED PLATE STOCK SHALL BE GOOD QUALITY AND SHALL NOT CONTAIN EXCESSIVE SPLITS, CHECKS OR WANE. 2 x 4 FRAMING SHALL BE HEM-FIR, STANDARD OR BETTER, TREATED 2 x 4 FRAMING SHALL MEET THE REQUIREMENTS SPECIFIED ABOVE.
- 4. ALL FASTENERS TO BE HOT DIPPED GALVANIZED OR EQUAL AT P.T. MEMBERS.
- 5. VENT CRAWL SPACE w/ (6) 15" SQ. METAL VENTS (MODERN STANDARD). INSTALL 6 MIL. VAPOR BARRIER ON GROUND IN ENTIRE CRAWL SPACE. LAP VAPOR BARRIER JOINTS MIN 12". (VAPOR BARRIER NOT REQUIRED AT ASPHALT OR CONCRETE IF OCCURS)
- 6. CONNECT STORM WATER FROM ROOF GUTTERS AND DOWNSPOUTS AND DIRECT AWAY FROM BUILDING PAD TO AN APPROVED DRAINAGE SYSTEM.
- 7. FOUNDATION PLANS AND DETAILS ARE NOT REVIEWED BY BCD OR L&I, EXCEPT FOR THE SUITABILITY OF THE DESIGN TO SUPPORT THE MODULAR BUILDING. APPROVAL AND INSPECTION OF THE FOUNDATION SYSTEM IS THE JURISDICTION OF THE LOCAL BUILDING OFFICIAL.





2 ENDWALL COLUMN FOOTING 3/4" = 1'-0"

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SHEET	FOUNDATION NOTES & DETAILS	
PROJ.	28' V 64' MODIII AD CLASSDOOM	

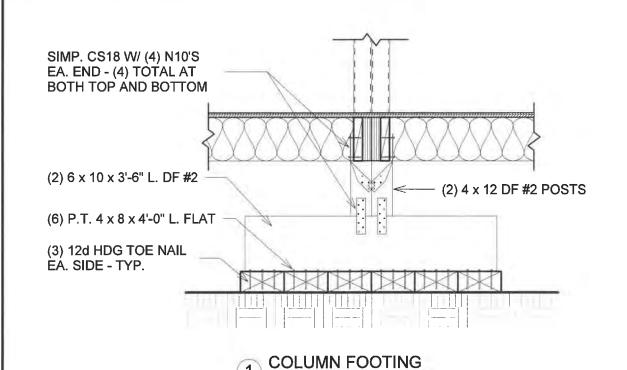
28' x 64' MODULAR CLASSROOM
SUMNER SD II (BLDG #8)

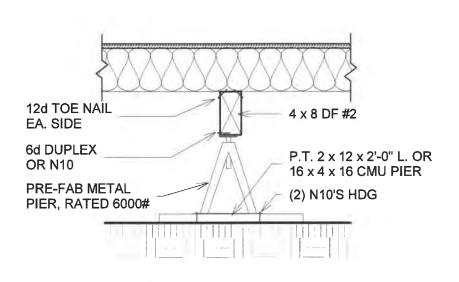
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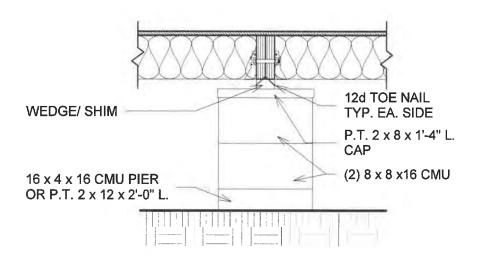
DRW SR DATE 4/3/18

JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7

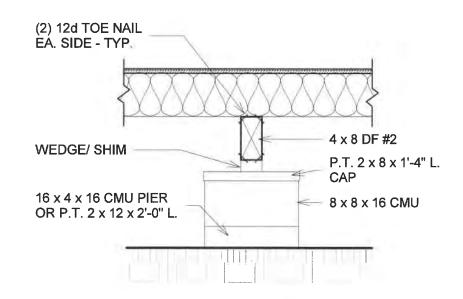






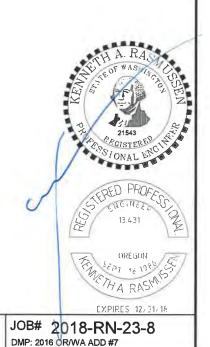


MARRIAGE LINE FOOTING 3/4" = 1'-0"



PROJ.

MID-SPAN FOOTING - ALTERNATE 3/4" = 1'-0"



City of Puyallup Development & Permitting Services **ISSUED PERMIT**

Planning

Public Works

Traffic

Building

Engineering

Fire

EV. DESCRIPTION	DATE	BY	

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SHEET FOUNDATION DETAILS

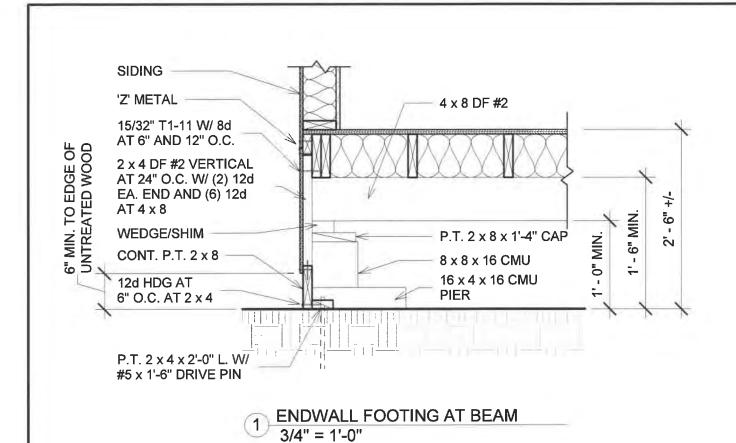
28' x 64' MODULAR CLASSROOM SUMNER SD II (BLDG #8)

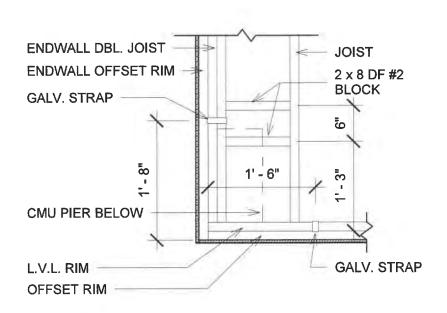
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SHEET#





TIE-DOWN AT CORNER

REV. DESCRIPTION

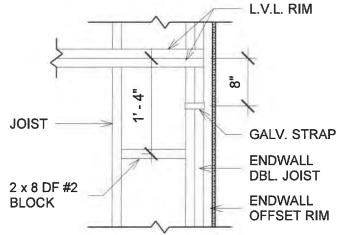


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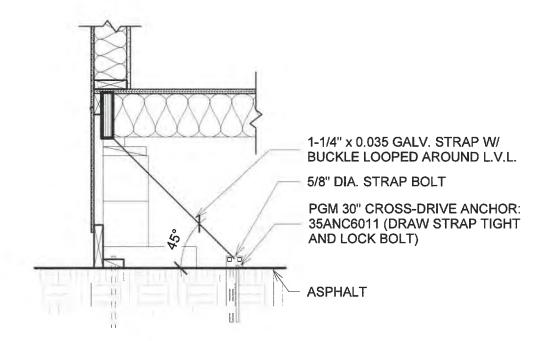
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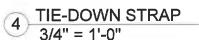
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JOIST GALV. STRAP **ENDWALL** DBL. JOIST 2 x 8 DF #2 **ENDWALL BLOCK OFFSET RIM**



TIE-DOWN AT MARRIAGE 3/4" = 1'-0"







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JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7

City of Puyallup **Development & Permitting Services ISSUED PERMIT**

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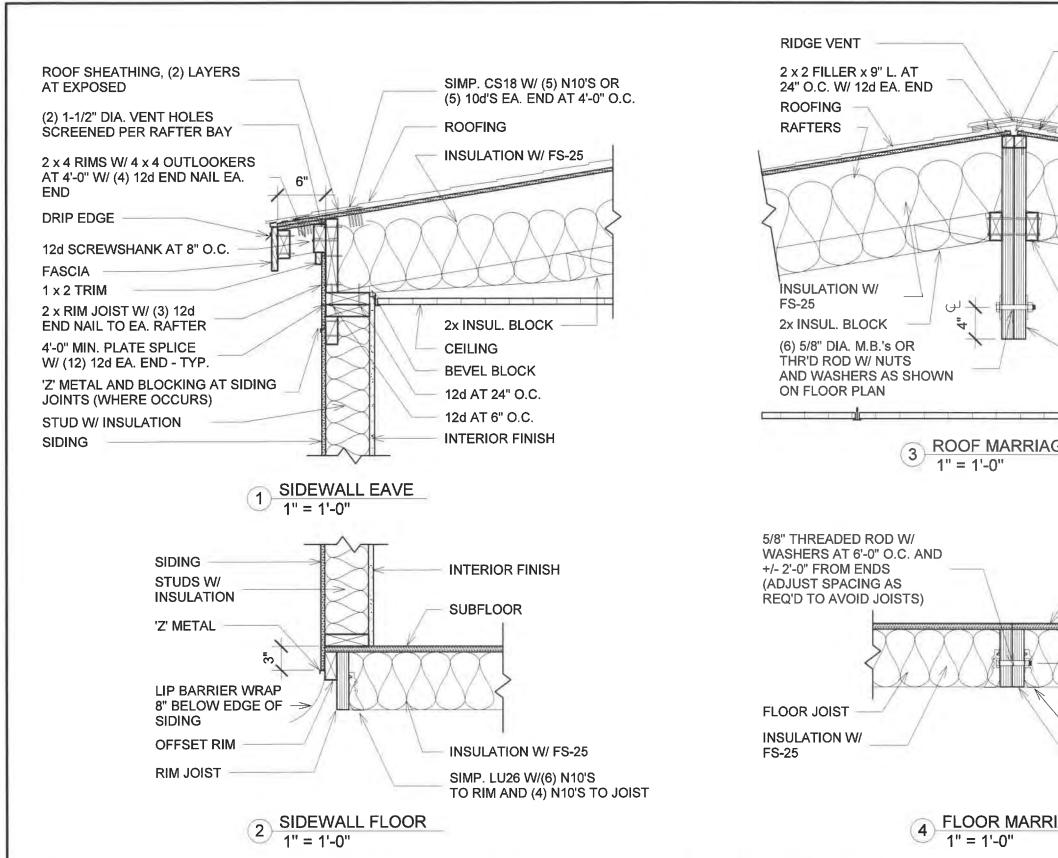
Fire

PROJ.

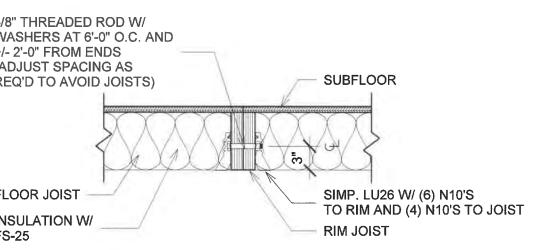
28' x 64' MODULAR CLASSROOM SUMNER SD II (BLDG #8) SHEET#

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RIDGE VENT	HOLD PLYWOOD AND ROOFING 7/8" BACK FROM EA. SIDE OF RIDGE
2 x 2 FILLER x 9" L. AT 24" O.C. W/ 12d EA. END	CONT. BUTYL STRIP
ROOFING -	
RAFTERS -	
The state of the s	
INSULATION W/	
FS-25	2 x 4 LEDGER W/ (5) 12d AT EA.
2x INSUL. BLOCK - 5	RAFTER AND (3) 12d EA. END AT BUTT JOINTS- TYP.
(6) 5/8" DIA. M.B.'s OR THR'D ROD W/ NUTS	RIDGE BEAM
AND WASHERS AS SHOWN	FIELD INSTALL ACOUSTIC
ON FLOOR PLAN	CEILING THIS ROW ONLY
	<u> </u>
3 ROOF MAR	RRIAGE



4 FLOOR MARRIAGE 1" = 1'-0"	OREGON OREGON
	EXPIRES: 12/31/18
SHEET DETAILS	JOB# 2018-RN-23-8 DMP: 2016 OR/WA ADD #7

A. R. M. C. S.
STRED PROFESS 13.431
OREGON SEP 18 1985 HA RASM EXPIRES 12 31 18

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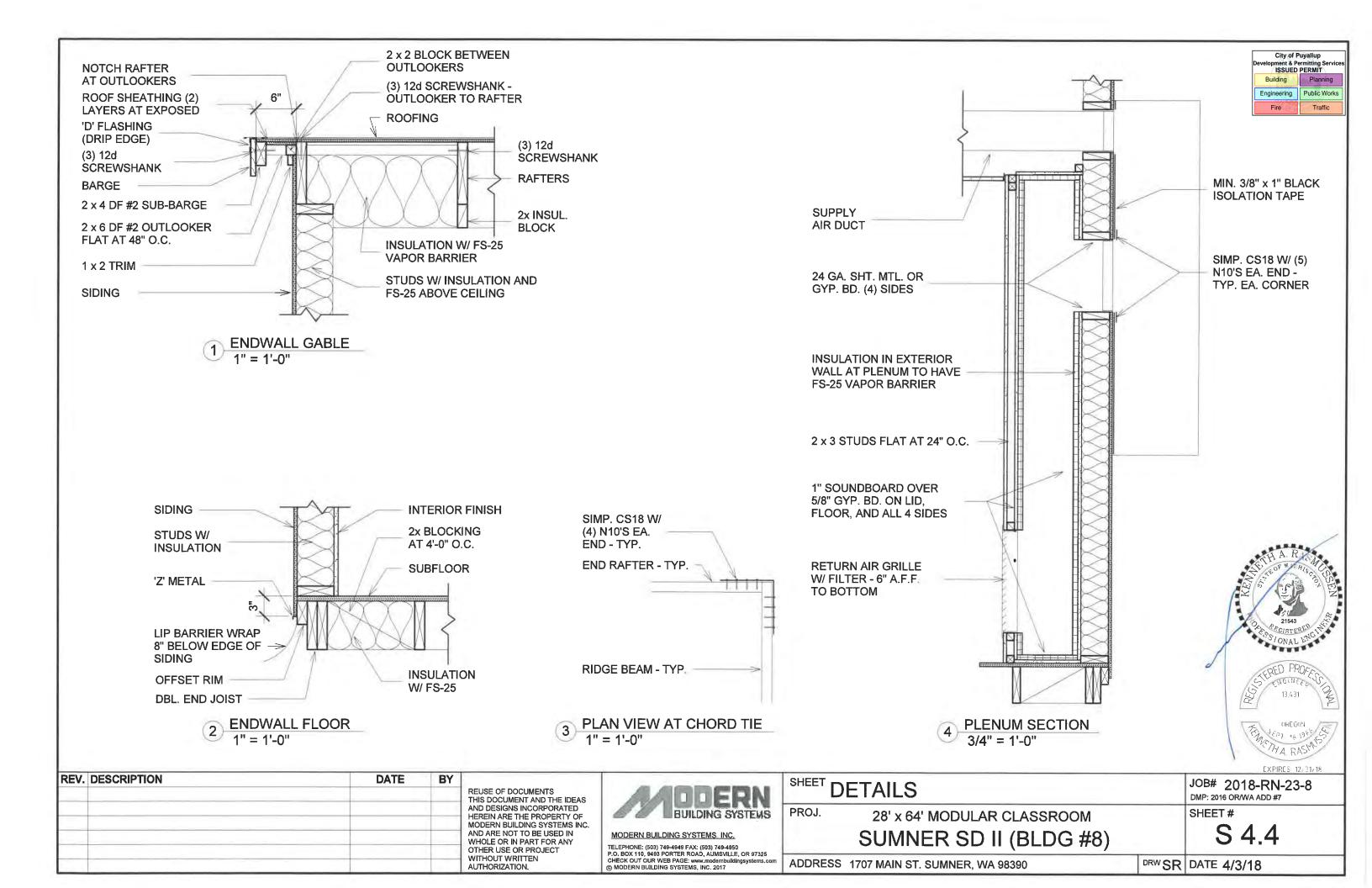
DETAILS	
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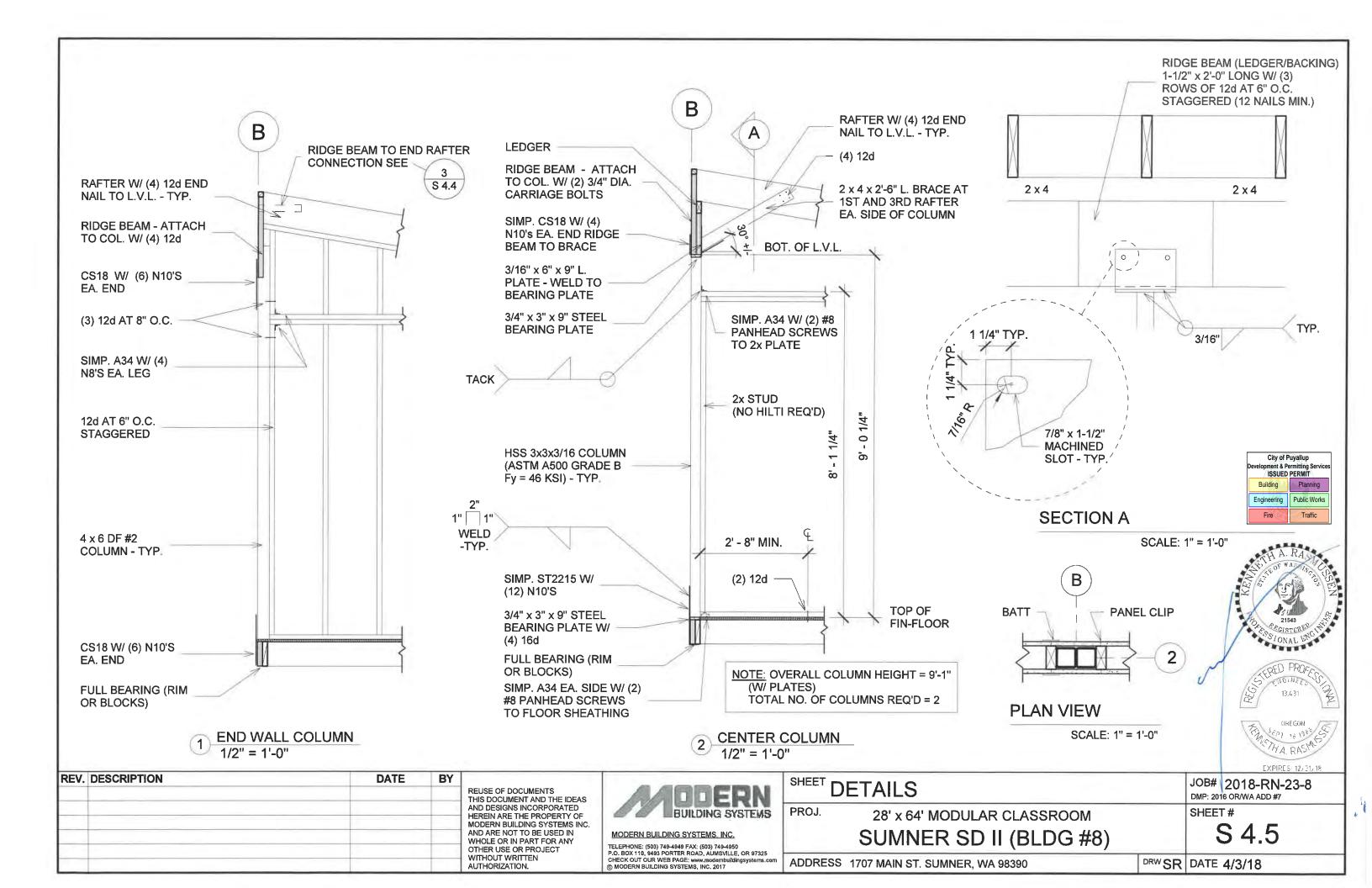
PROJ. 28' x 64' MODULAR CLASSROOM SUMNER SD II (BLDG #8)

SHEET#

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ELECTRICAL SYMBOLS LEGEND

/ĎL\.

2' x 4' LED LAY-IN FIXTURE W/ INTEGRAL **nLIGHT DAYLIGHT AND OCCUPANCY SENSORS**

2' x 4' LED LAY-IN FIXTURE - nLIGHT ENABLED

13" LED SURFACE MOUNTED FIXTURE

EXTERIOR LED WALL MOUNTED LIGHT FIXTURE +86" A.F.F. \bigcirc PC = PHOTOCELL WP = WEATHERPROOF E = EMERGENCY LIGHT W/ BATTERY BACKUP

DUPLEX RECEPTACLE +17" A.F.F. (U.N.O.) GFCI = GROUND FAULT CIRCUIT INTERRUPTER WP = IN USE WEATHERPROOF COVER WR = WATER RESISTANT RECEPTACLE

CONTROLLED DUPLEX RECEPTACLE +17" A.F.F. (U.N.O.) OCR. 50% OF RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR AND VISIBLY DIFFERENTIATED PER WSEC 405.10

PP CONTROLLED RECEPTACLE POWER PACK

LIGHTING CONTROL WALL SWITCH

 $\left(\overline{\mathbf{j}}\right)$ **JUNCTION BOX**

T THERMOSTAT +48" A.F.F. TO TOP OF CONTROLS

 ∇ PHONE/DATA BOX - 3/4" CONDUIT UP (RACEWAY ONLY) +17" A.F.F. (U.N.O.)

<u>c</u> CLOCK RECEPTACLE (120V) +88" A.F.F.

 \Box DISCONNECT

REV.

AUDIO / VISUAL FIRE ALARM (RACEWAY ONLY) +86" TO CENTERLINE FO

MANUAL PULL STATION (RACEWAY ONLY) +45" TO CENTERLINE М

(v) VISUAL ALARM (RACEWAY ONLY) +82" TO CENTERLINE

ELECTRICAL NOTES

- 1. CONDUIT SHALL BE ELECTRICAL METALLIC TUBING AND METAL CLAD CABLE
- 2. EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT TYPE W/ IN USE WEATHERPROOF COVER
- 3. FLUORESCENT LUMINAIRES WITH DOUBLE ENDED LAMPS THAT CAN BE SERVICED IN PLACE AND SHALL HAVE AN INTERNAL OR EXTERNAL DISCONNECT PER NEC 410.130G
- 4. BUILDING SERVICE SHALL BE SERVED BY ONLY ONE SERVICE OR FEEDER PER NEC 225.30 AND 230.2
- 5. SERVICE OR FEEDER DISCONNECT SHALL BE INSTALLED PER NEC 230,70, FOR BUILDINGS IN THE STATE OF WASHINGTON SERVICE OR FEEDER DISCONNECT SHALL BE INSTALLED PER WAC 296-46B-230
- 6. PERMANENT MEANS OF LOCKING OUT DISCONNECT TO MECHANICAL UNIT(S) SHALL BE PROVIDED PER NEC 424.19
- 7. PERMANENT MEANS OF LOCKING OUT DISCONNECT TO WATER HEATER(S) SHALL BE PROVIDED PER NEC 422.31(B)
- 8. GASKET ALL EXTERIOR WALL BOX PLATE COVERS
- 9. PER NEC 110.26D, ILLUMINATION FOR PANEL BOARDS, SWITCHBOARDS, AND SERVICE EQUIPMENT SHALL NOT BE CONTROLLED BY AUTOMATIC MEANS ONLY. A MANUAL MEANS TO BYPASS THE AUTOMATIC CONTROL IS REQUIRED.

- 10.PER NEC 406.9(B)(1) 15 AND 20 AMP RECEPTACLES INSTALLED IN WET LOCATION SHALL HAVE AN **ENCLOSURE THAT WEATHERPROOF WHETHER OR NOT** THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY". RECEPTACLES SHALL BE LISTED AS WEATHER-RESISTANT TYPE.
- 11.PER NEC 110.26, WORKING SPACE FOR EQUIPMENT OPERATING AT 600 VOLTS, NOMINAL, OR LESS TO GROUND AND LIKELY TO REQUIRE EXAMINATION. ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL COMPLY WITH THE DIMENSIONS OF 110.26(A)(1), (A)(2), AND (A)(3)
- 12. PER NFPA 72. NEC 760 AND WAC 296-46B-760 DEVICE AND JUNCTION BOXES FOR FIRE ALARM SYSTEMS OTHER THAN SURFACE RACEWAY TYPE MUST BE SUBSTANTIALLY RED IN COLOR BOTH INSIDE AND OUTSIDE. POWER LIMITED FIRE PROTECTIVE SIGNALING CIRCUIT CONDUCTORS MUST BE DURABLY AND PLAINLY MARKED IN OR ON JUNCTION BOXES OR OTHER ENCLOSURES TO INDICATE THAT IT IS POWER LIMITED FIRE PROTECTIVE SIGNALING CIRCUIT.
- 13.PER NEC 110.22 AND WAC 296-46B-220-032 **IDENTIFICATION PLATES ON DISCONNECTING MEANS** ARE TO SHOW DESIGNATION OF CIRCUIT SOURCE PANEL BOARD THAT SUPPLIES DISCONNECT AND IDENTIFY WHAT IT IS DISCONNECTING. MUST BE AN **IDENTIFICATION PLATE**

City of Puyallup Development & Permitting Service ISSUED PERMIT							
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Engineering	Public Works						
Fire F V	Traffic						

ONAL

13.431

OREGON

LIGHTING PLAN NOTES

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- 1. THIS BUILDING PROVIDES LIGHTING "ADDITIONAL EFFICIENCY PACKAGE OPTIONS" PER C406.3 AND C406.4. TO INCLUDE WAC 51-11C, SECTION C406.4 #2, EXCEPTION #3
- 2. LIGHT LEVELS TO MEET WAC 246-366-115 TABLE 2
- OCCUPANCY SENSOR(S) IN EACH ROOM WILL BE WIRED TO CONTROL ALL LIGHT FIXTURES IN THAT ROOM.
- 4. LIGHT WIRING AS SHOWN IS FOR GENERAL CONTROL CLARIFICATION ONLY. ACTUAL WIRING FOR CONTROLS (I.E.: SWITCHES, OCCUPANCY SENSORS AND DAYLIGHT SENSORS) SHALL BE PER CONTROL MANUFACTURER'S SPECIFICATIONS AND AS NECESSARY TO MEET THE CODE REQUIREMENTS FOR EACH CONTROL AND THE LIGHT FIXTURES CONNECTED TO IT.
- AND O CONTROL

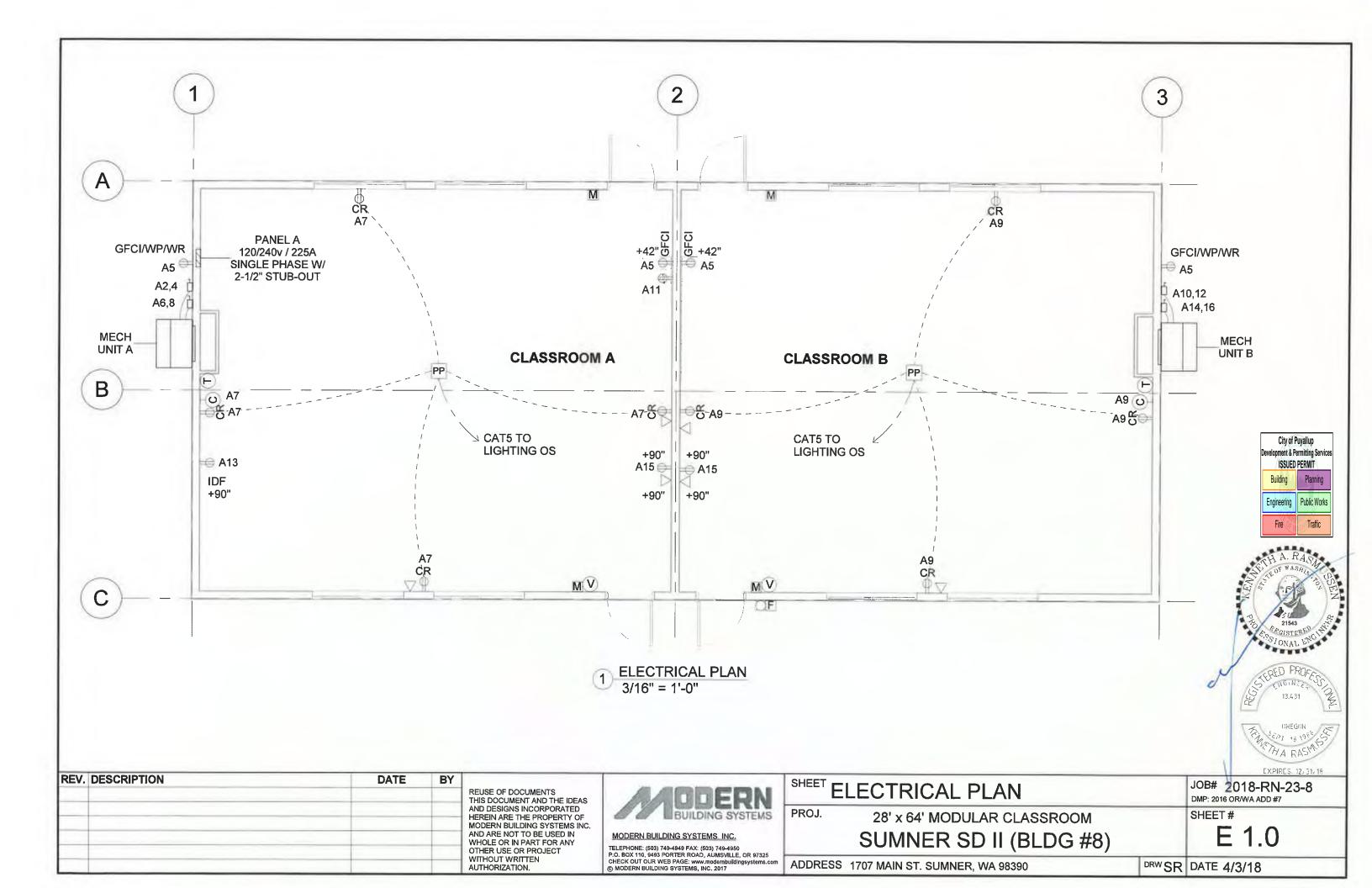
				Р			RE INTEGRAL TO EACH LIGHT FIXTURE AS SHOWN AN ONE. OCCUPANCY SENSORS ARE PROGRAMMED TO
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				VALITA IOLIT VALDITTENI	F.O. DOX 110, 9493 FOR IER ROAD, AUMSVILLE, OR 97325		

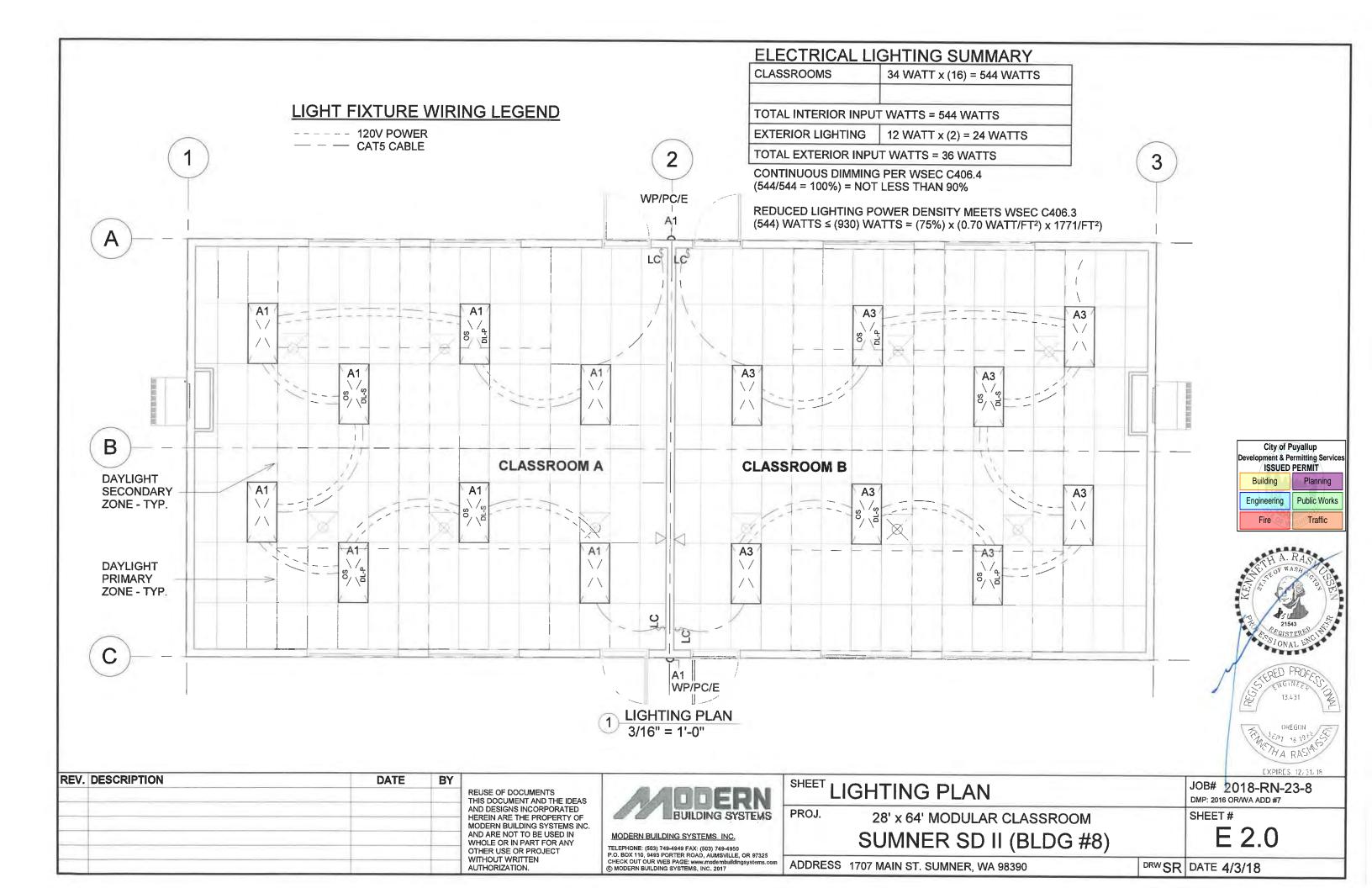
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DRW SR | DATE 4/3/18 ADDRESS 1707 MAIN ST. SUMNER, WA 98390





MAIN DISTRIBUTION PANEL PANEL A

MOUNTING Recessed

PROJECT NO: 2018-RN-23-8

DATE: 4/3/18

Load Name	Rating	Circuit Number	Number of Poles		A		В	Number of Poles	Circuit Number	Rating	Load Name
Lighting/Fan Classroom A	20 A	A1	1	294 VA	6600 VA			2	A2	60 A	HVAC Classroom A
Lighting/Fan Classroom B	20 A	A3	1			272 VA	6600 VA		A4		
Exterior Receptacles	20 A	A5	1	720 VA	3120 VA			2	A6	30 A	HVAC Classroom A
Receptacles Classroom A	20 A	A7	1			900 VA	3120 VA		A8		-
Receptacles Classroom B	20 A	A9	1	900 VA	6600 VA			2	A10	60 A	HVAC Classroom B
Water Heater	20 A	A11	1			1500 VA	6600 VA		A12		
IDF Receptacle	20 A	A13	1	180 VA	3120 VA			2	A14	30 A	HVAC Classroom B
Projector Receptacles	20 A	A15	1			360 VA	3120 VA		A16		
		A17							A18		
		A19							A20		
		A21							A22		
		A23							A24		
		A25							A26		
		A27							A28		
		A29							A30		

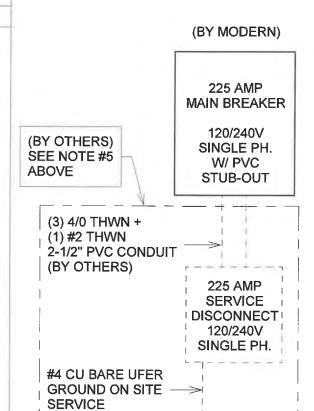
21534	VA	22472 VA

	TOTAL PANEL VA=	44006 VA	183 A	=TOTAL PANEL AMPS
BUSS SIZE	225 A		VOLTAGE	120/240 Single
MAIN BREAKER	225 A		PHASE	1

ITEM	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD
LIGHTS	5310 VA	125.00%	6638 W
SIGN CIRCUIT			0 W
RECEPTACLE	3060 VA	100.00%	3060 W
DED. RECEPTACLE			0 W
MOTORS & COMPRESS	ORS		
EXHAUST FAN			0 W
LARGEST MOTOR	0 VA	0.00%	0 VA
HEATING & A/C (Per Mfg	g's Specs)		
TOTAL HEAT & A/C LOA	D		
	38880 VA	100.00%	38880 W
MISCELLANEOUS			
WATER HEATER	1500 VA	100.00%	1500 W
CONNECTED LOAD		CALCULATED LOAD	
TOTAL VA =	48750 VA	TOTAL VA =	50078 VA
TOTAL AMPS =	203 A	TOTAL AMPS =	209 A

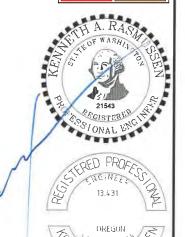
ONE-LINE DIAGRAM NOTES

- 1. EMT CONDUIT SHALL NOT BE USED WITH UNFUSED CONDUCTORS **INSIDE BUILDING LINES**
- 2. FIELD VERIFY AIC RATING REQUIREMENTS
- 3. BUILDING / SERVICE DISCONNECTING MEANS MUST BE LOCATED ON OR WITHIN 15 FEET OF THE BUILDING AND MUST HAVE LABEL IDENTIFYING IT'S FUNCTION AS THE BUILDING DISCONNECT PER WAC 296-46B-225
- 4. GROUNDING TO BE IN ACCORDANCE TO NEC 250.52(A)(5)
- 5. SITE INSTALLED PORTION OF ELECTRICAL DISTRIBUTION SYSTEM DESIGN IS GENERIC. SUBJECT TO APPROVAL OF ELECTRICAL LOCAL AUTHORITY HAVING JURISDICTION PLAN REVIEW AND/OR INSPECTION OF SITE INSTALLED ELECTRICAL DISTRIBUTION SYSTEM



ONE-LINE DIAGRAM

City of Puyallup ISSUED PERMIT Building Planning Public Works Engineering



NO SCALE

DMP: 2016 OR/WA ADD #7

JOB# 2018-RN-23-8

SHEET ELEC. PANELS & LOAD CALCS. PROJ.

28' x 64' MODULAR CLASSROOM SUMNER SD II (BLDG #8)

SHEET#

E 3.0

ADDRESS 1707 MAIN ST. SUMNER, WA 98390

DRW SR | DATE 4/3/18

NOTE: CONNECTED LOAD FOR LIGHTS IS FROM NEC TABLE 220.12

REV.	DESCRIPTION	DATE	BY	
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BUILDING SYSTEMS

MODERN BUILDING SYSTEMS, INC.

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P.O. BOX 110, 9493 PORTER ROAD, AUMSVILLE, OR 97325
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MECHANICAL NOTES

- 1. MECHANICAL UNIT: (2) 3.0 TON WALL HUNG HEAT PUMP (230/208-1) BARD W36HA (10.0 EER) 10 kW ELECTRICAL HEAT AND ECONOMIZER
- 2. EXHAUST FAN: NONE
- 3. CONTROLS: THERMOSTAT: HONEYWELL TH8321R1001/U
- 4. DUCTWORK: **MATERIAL** 1" FIBERGLASS (R-4.3) OR 24 GA. SHEET METAL W/ 26 GA. SHEET METAL ROUNDS AND FLEX DUCT **ROUNDS AT DIFFUSERS** INSULATING AND SEALING: DUCTWORK TO BE INSULATED AND SEALED PER WSEC C403.2.8.1 AND C403.2.8.2 CONSTRUCTION: DUCTWORK TO BE CONTRUCTED AS LOW PRESSURE DUCT SYSTEM PER WSEC C403.2.8.3.1
- 5. VOLUME DAMPERS: PROVIDE VOLUME DAMPERS TO CONTROL AIRFLOW AT EACH TAKE-OFF
- 6. DESIGN MECHANICAL EQUIPMENT TO MEET NC-35 NOISE CRITERION AND MECHANICAL BACKGROUND NOISE AT OR BELOW 45 DBA. LOCATE BUILDINGS AWAY FROM NOISE AND **POLLUTION SOURCES**

Please clarify compliance with IMC 102.7 and 105.4 with regards to the existing mechanical systems.

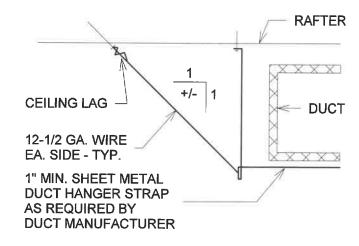
HVAC SYMBOL LEGEND

2' x 2' LAY-IN SUPPLY DIFFUSER

2' x 2' LAY-IN RETURN GRILLE

FLEX DUCT

THERMOSTAT +48" A.F.F. TO TOP OF CONTROLS



DUCT SUPPORT

OUTSIDE AIR CALCULATION

MECHANICAL UNIT A:

CLASSROOM AREA FACTOR

(29 OCC)(10 CFM) = 290 (830 SF)(.12 CFM) = 99 = 389 CFM

MINIMUM OUTSIDE AIR FOR UNOCCUPIED BUILDING

= 99 CFM

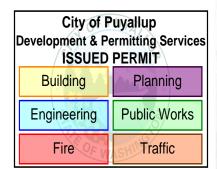
MECHANICAL UNIT B:

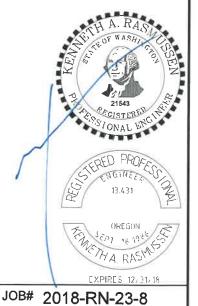
CLASSROOM AREA FACTOR (29 OCC)(10 CFM) = 290 (829 SF)(.12 CFM) = 99 = 389 CFM

MINIMUM OUTSIDE AIR FOR **UNOCCUPIED BUILDING**

= 99 CFM

PROJ.





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SHEET HVAC	NOTES &	LEGEND
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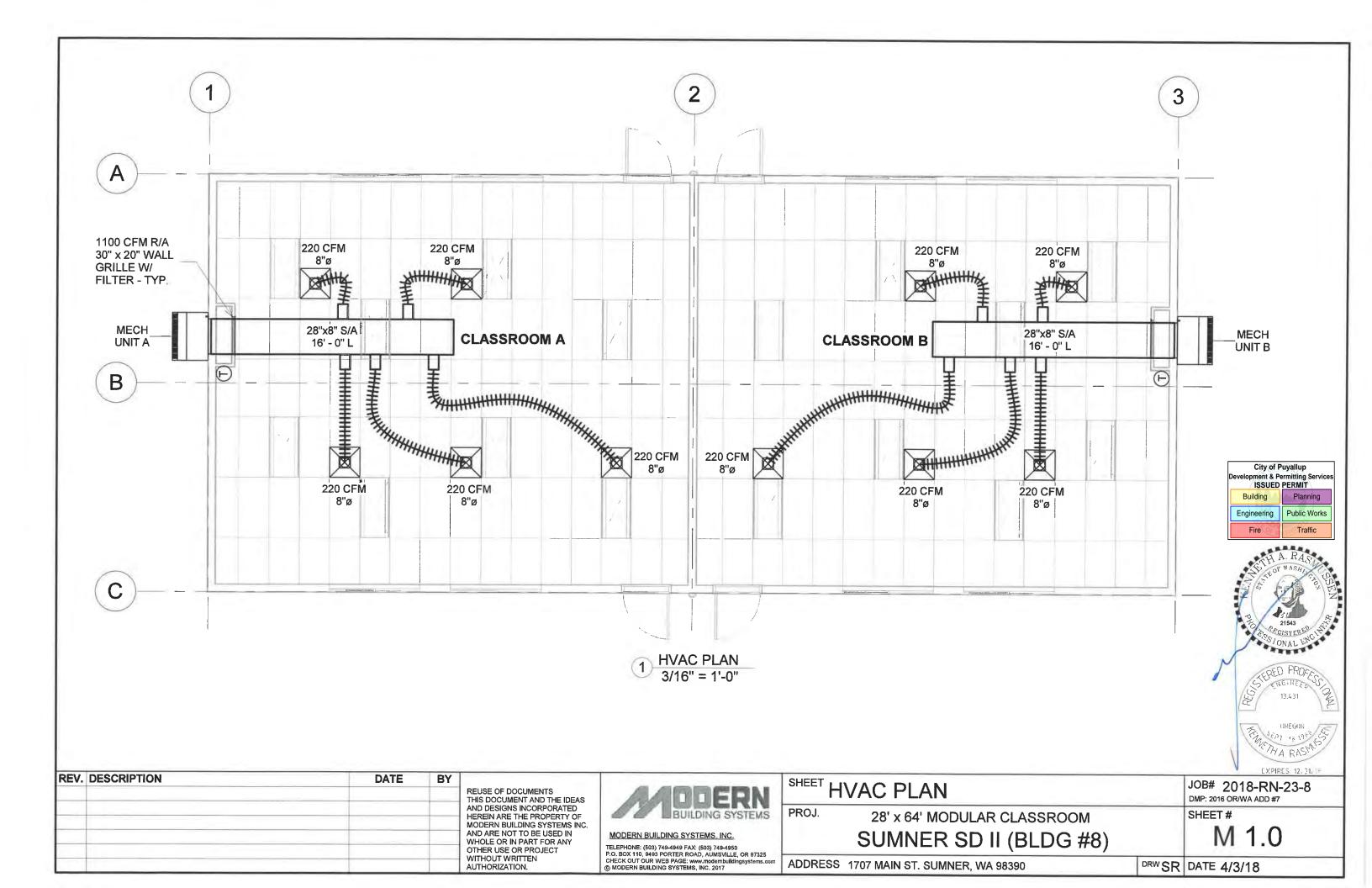
28' x 64' MODULAR CLASSROOM

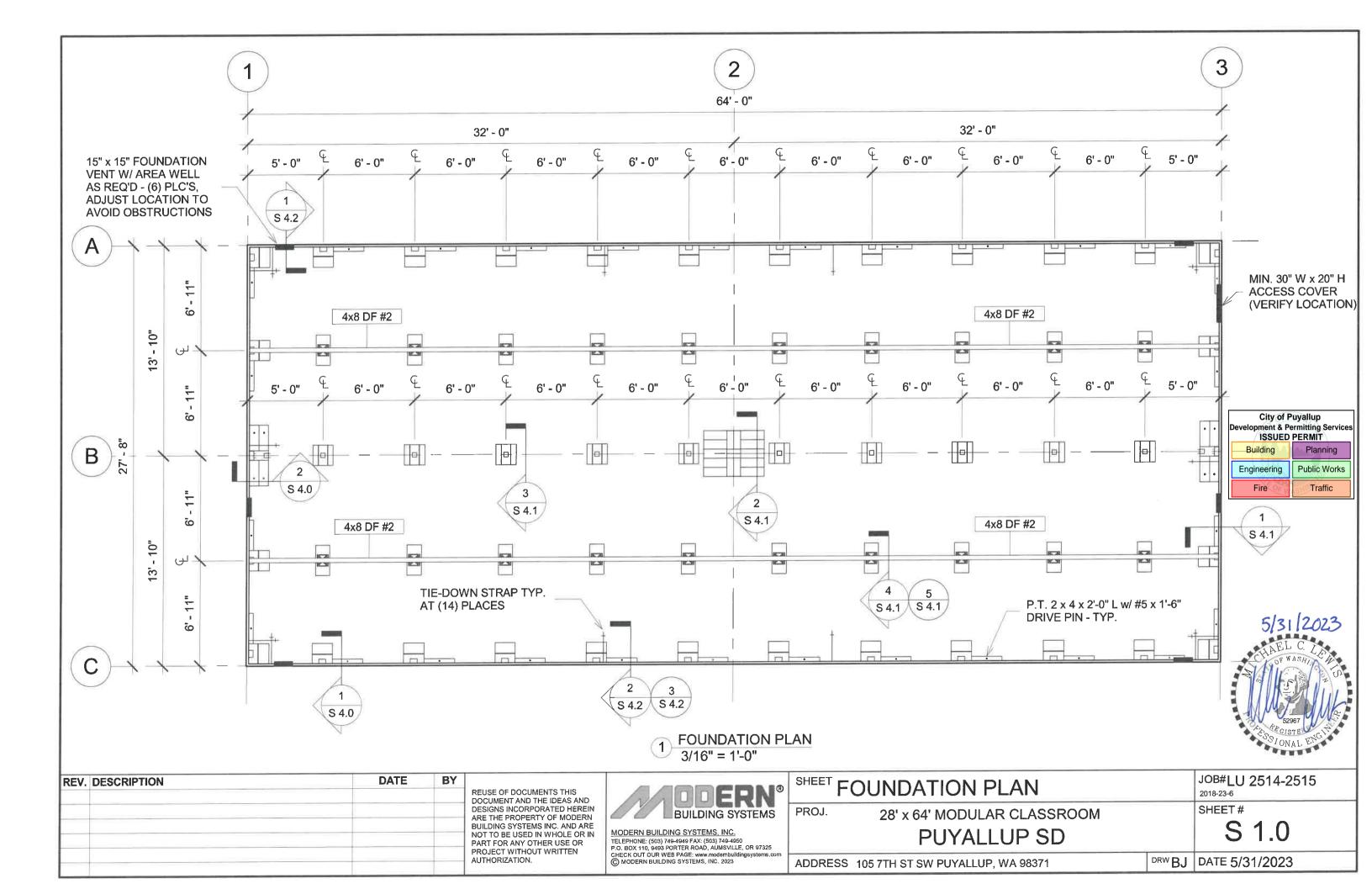
SUMNER SD II (BLDG #8)

SHEET# M 0.1

DMP: 2016 OR/WA ADD #7

ADDRESS 1707 MAIN ST. SUMNER, WA 98390 DRW SR DATE 4/3/18





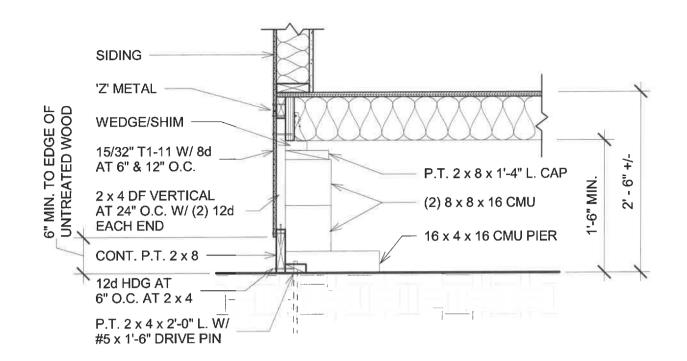
FOUNDATION NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS. THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND OR EARTHQUAKE FORCES AND TEMPORARY FORCES DURING SETTING AND ERECTION UNTIL ALL UNITS HAVE BEEN PERMANENTLY ATTACHED THERETO. REMOVE ORGANIC / SOD UNDER ALL BEARING PADS.

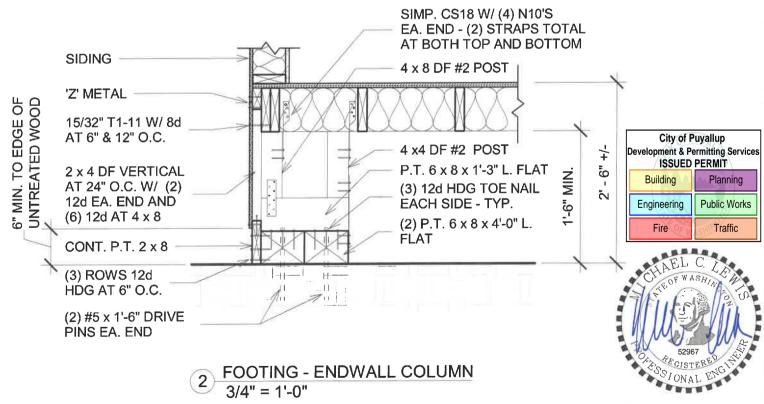
2. DESIGN LOADS:

ROOF DEAD LOAD	12 PSF
ROOF SNOW LOAD	25 PSF
FLOOR DEAD LOAD	10 PSF
FLOOR LIVE LOAD	50 PSF
WIND LOAD	Lambda = 1.0 Vult = 120 MPH (Vasd = 93 MPH) 3 SECOND GUST - EXP. B
SEISMIC	BEARING WALL SYSTEM: S _S = 1.500, F _a = 1.200
	S _{DS} = 1.000, RISK CATEGORY II
	I _e = 1.0, SEISMIC DESIGN CATEGORY D, SITE CLASS D
ALLOWABLE BEARING CAPACITY	1,800 PSF AT GRAVEL

- 3. EXCEPT AS NOTED, DIMENSION LUMBER FOR FOUNDATION SHALL BE HEM-FIR, NO. 2 AND BETTER. TREATED LUMBER SHALL BE ACQ PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD U1, USE CATEGORY UC4A, TO A MINIMUM RETENTION OF 0.40 PCF. AT PIECES IN CONTACT WITH GROUND, SAWN END GRAIN SHALL BE FIELD TREATED WITH 2% MIN. CONCENTRATION COPPER NAPHTHENATE. TREATED PLATE STOCK SHALL BE GOOD QUALITY AND SHALL NOT CONTAIN EXCESSIVE SPLITS, CHECKS OR WANE. 2 x 4 FRAMING SHALL BE HEM-FIR, STANDARD OR BETTER, TREATED 2 x 4 FRAMING SHALL MEET THE REQUIREMENTS SPECIFIED ABOVE.
- 4. ALL FASTENERS TO BE HOT DIPPED GALVANIZED OR EQUAL AT P.T. MEMBERS.
- 5. VENT CRAWL SPACE w/ (6) 15" SQ. METAL VENTS (MODERN STANDARD). INSTALL 6 MIL. VAPOR BARRIER ON GROUND IN ENTIRE CRAWL SPACE. LAP VAPOR BARRIER JOINTS MIN 12". (VAPOR BARRIER NOT REQUIRED AT ASPHALT OR CONCRETE IF OCCURS)
- 6. CONNECT STORM WATER FROM ROOF GUTTERS AND DOWNSPOUTS AND DIRECT AWAY FROM BUILDING PAD TO AN APPROVED DRAINAGE SYSTEM.
- 7. FOUNDATION PLANS AND DETAILS ARE NOT REVIEWED BY BCD OR L&I, EXCEPT FOR THE SUITABILITY OF THE DESIGN TO SUPPORT THE MODULAR BUILDING. APPROVAL AND INSPECTION OF THE FOUNDATION SYSTEM IS THE JURISDICTION OF THE LOCAL BUILDING OFFICIAL.



1 FOOTING - SIDEWALL 3/4" = 1'-0"

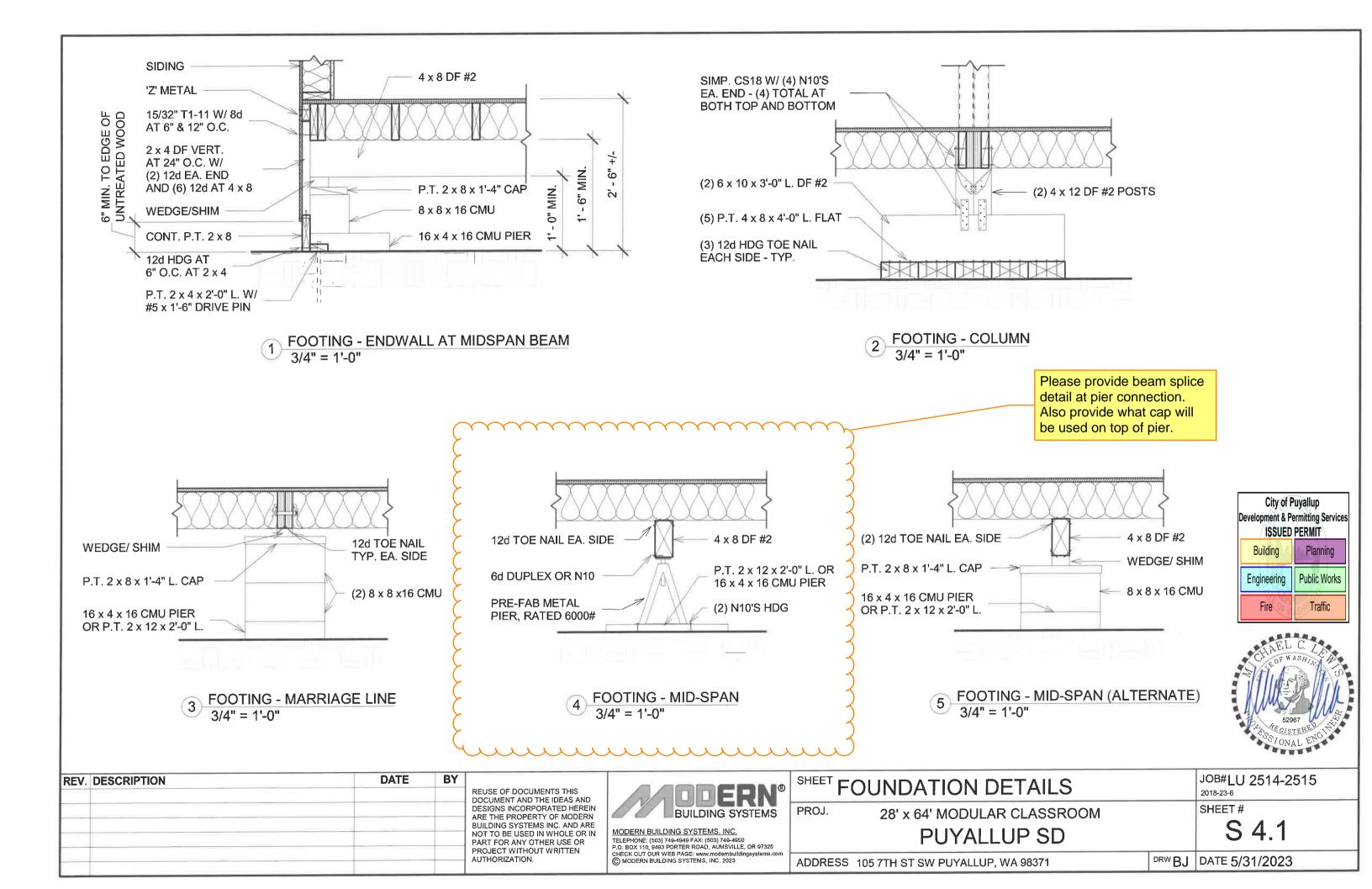


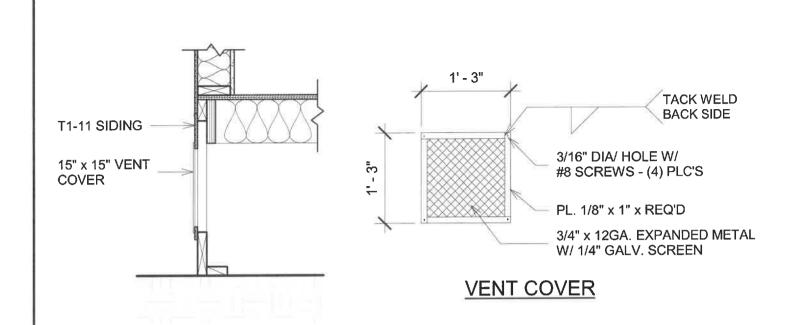
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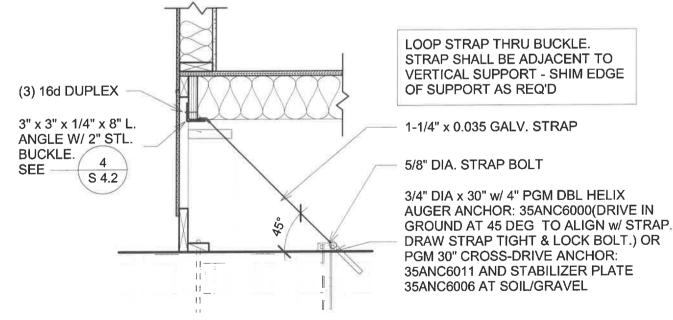
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SHEET FOUNDATION NOTES & DETAILS			JOB#LU 2514-2515 2018-23-6
PROJ.	28' x 64' MODULAR CLASSROOM PUYALLUP SD		\$ 4.0
ADDRESS	105 7TH ST SW PUYALLUP, WA 98371	DRW BJ	DATE 5/31/2023











REV. DESCRIPTION

DATE

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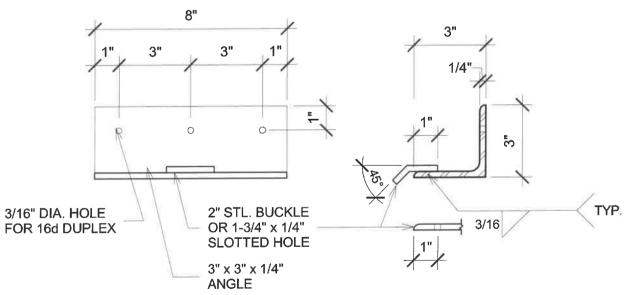
MODERN BUILDING SYSTEMS, INC. 2023

1-1/4" x 0.035 GALV. STRAP W/ BUCKLE LOOPED AROUND FLR. RIM

5/8" DIA. STRAP BOLT

3/4" DIA x 30" w/ 4" PGM DBL HELIX AUGER ANCHOR: 35ANC6000 (DRIVE IN GROUND AT 45 DEG TO ALIGN W/ STRAP. DRAW STRAP TIGHT & LOCK BOLT.) OR PGM 30" CROSS-DRIVE ANCHOR: 35ANC6011 AND STABILIZER PLATE 35ANC6006 AT SOIL/GRAVEL

FDN - TIE-DOWN STRAP 3/4" = 1'-0"



City of Puyallup

ISSUED PERMIT

Engineering

ment & Permitting Services

Public Works

STEEL ANGLE & BUCKLE 3" = 1'-0"

9	SHEET FOUNDATION DETAILS	JOB#LU 2514-2515
	PROJ. 20' v 64' MODIJI AP CLASSPOOM	SHEET#

PROJ. 28' x 64' MODULAR CLASSROOM **PUYALLUP SD**

S 4.2

ADDRESS 105 7TH ST SW PUYALLUP, WA 98371

DRW BJ | DATE 5/31/2023

