

### BUILDING SPECIFICATION

**FLOOR:**  
UNDER CLOSURE: 3/8" PRESSURE TREATED PLYWOOD  
INSULATION: R-31 UNFACED  
JOISTS: 2X10 SPF #2 @ 16" O.C. WITH HANGERS ON EACH END OF THE  
JOISTS  
PERIMETER RIMS: (3) 2X10 SPF #2  
MOD LINE RIMS: (3) 2X10 SPF #2  
DECKING: (2) 3/4" T & G PLYWOOD - GLUED AND NAILED  
COVERING: 2 MM COMMERCIAL VINYL SHEET FLOORING W/4" RUBBER BASE

**EXTERIOR WALL:**  
STUDS: 2X6 SPF STD GRADE @ 16" O.C. DOUBLE 2x6 TOP PLATE  
COVERING: TYPE X - 5/8" VINYL COVERED GYPSUM, VAPOR RETARDER  
TRIM: VINYL COVERED CORNERS AND BATTENS AT MOD LINE  
1" VINYL COVERED BATTENS ABOVE DOORS & ABOVE/BELOW

WINDOWS  
INSULATION: R-22 UNFACED  
SHEATHING: 1/2" CDX PLYWOOD  
BUILDING WRAP: COMMERCIAL TYVEK OR EQUAL, AIR BARRIER  
RAIN SCREEN: 3/8" PRESSURE TREATED PLYWOOD STRIPS  
SIDING: HARDIE PANEL WITH 28 GAUGE FLASHING/TRIMS  
TRIM: 28 G @ CORNERS, WINDOWS, DOORS & MOD LINE  
SKIRTING: HARDIE PANEL SIDING

**INTERIOR WALL:**  
STUDS: 2X4 SPF STD GRADE @ 16" O.C. STAGGERED ON 2x6 TOP &  
BOTTOM PLATES,

COVERING: FULL HEIGHT TO BOTTOM OF RAFTERS  
TRIM: 5/8" TYPE-X VC GYPSUM BOARD  
INSULATION: VINYL COVERED CORNERS AND BATTENS AT MOD LINE  
PLENUM WALLS: R-12 UNFACED AT CROSSWALL TO BOTTOM OF RAFTERS  
SOUND REDUCTION ASSEMBLY

**ROOF/CEILING:**  
FRAMING: 2 X 12 RAFTERS WITH 2X4 INSULATION FURRING BELOW @ 24" O.C.  
SLOPE: 2/12  
RIDGEBEAM: 3 1/2" x 21" GLULAM BEAM  
POSTS: STEEL POST BUILT INTO CROSSWALL  
CEILING: 2'X4' SUSPENDED CEILING WITH RADAR 2310 TILE  
CEILING HEIGHT: 8'-0" ABOVE FINISH FLOOR  
INSULATION: R-52 TOTAL - R-40 AND R-12 FIBERGLASS BATTS WITH INSULATION  
NET

SHEATHING: 1/2" FIRE RATED PLYWOOD  
ROOFING: ARCHITECTURAL SHINGLES OVER ICE AND WATER  
SHIELD - HIGH WIND APPLICATION

OVERHANG:  
FASCIA: NONE  
VENTING: 28 GA PREFINISHED STEEL  
GUTTERS/D.S.: ALUMINUM GUTTERS AND (4) PAINTED 2" PVC DOWNSPOUTS  
SITE INSTALLED

**DOORS:**  
EXTERIOR DOOR: (2) 3.0 x 6.8 20 GA STEEL INSULATED FLUSH DOOR  
18 GA EXPANDABLE FRAME, EXT. LITE  
PANIC WITH LEVER TRIM - CYLINDER  
STAINLESS STEEL BALL BEARING - NRP HINGES  
ADA THRESHOLD, WEATHERSTRIP AND SWEEP

**WINDOWS:**  
TYPE: HORIZONTAL SLIDER WITH SCREEN  
SIZE: (4) 4' X 4'  
MOUNTING HEIGHT: TOP OF ROUGH OPENING TO MATCH DOOR OPENING  
FRAME: WHITE VINYL PVC  
GLAZING: DUAL GLAZED - LOW-E - ARGON - DP 45  
INTERIOR TRIM: PVC JAMB EXTENSIONS & 2-1/4" PRE-PAINTED MDF CASING  
BLINDS: 1" CORDLESS HORIZONTAL MINI BLINDS

**ELECTRICAL:**  
BUILDING SERVICE: PANEL STUBBED TO BELOW FLOOR  
LOADCENTER: 120/240 VOLT - 200 AMP- SINGLE PHASE - INTERIOR MOUNTED  
WIRING: MC CABLE OR CONDUIT WITH REDUNDANT GROUND (PER N.E.C.)  
(18) 2'X4' LED LAY-IN FIXTURE - COOPER - 24CGTS-L3C3  
(4) AIMLITE W3il LED LIGHTS ON REMOTE PHOTO CELL  
(16) 20 AMP DUPLEX 125 VOLT - WALL MOUNT  
(2) 20 AMP DUPLEX 125 VOLT - CEILING MOUNT  
(2) 20 AMP WP GFCI DUPLEX 125 VOLT  
HALF OF ALL RECEPTACLES TO BE OCCUPANCY SENSOR  
CONTROLLED  
AS REQUIRED PER CURRENT ENERGY CODE  
OCCUPANCY, RECEPTACLE & DAYLIGHT CONTROLS PER ENERGY  
CODE  
(8) 4" SQUARE J-BOX WITH 3/4" FLEX CONDUIT STUBBED TO ABOVE  
AND BELOW FLOOR - CABLE AND DEVICES BY OTHERS  
(7) 4" SQUARE J-BOX WITH 1/2" FLEX CONDUIT STUBBED TO ABOVE  
AND BELOW FLOOR FOR MANUAL PULL STATION AND ANNUNCIATOR  
(HORN/STROBE) WERE PROVIDED - CABLE AND DEVICES BY OTHERS

INTERIOR LIGHTS:  
EXTERIOR LIGHT:  
RECEPTACLES:

NOTE:

SWITCHES:  
CONTROLS:

VOICE/DATA:

FIRE ALARM:

**H.V.A.C.:**  
HEAT/COOL: BARD WALL HUNG HEAT PUMP - 11 EER  
HEAT PUMP SIZE: (2) BARD W36HY-A10RP4XXR (3 TON / 10 KW)  
VENTILATION: ENERGY RECOVERY VENTILATOR  
CONTROLS: (2) 8403-060 PROGRAMMABLE THERMOSTAT - HONEYWELL  
THERMOSTATS WIRED TO CONTROL SWITCH AT DOORS FOR  
AUTOMATIC SHUT-OFF AFTER 5 MINUTES OF DOORS STANDING OPEN  
1" RIGID DUCT BOARD  
10"X24"X24" LAY-IN WITH NO DAMPERS  
THROUGH GRILLES IN PLENUM WALL DOWN LOW

**M-MISCELLANEOUS:**  
UNIT LABELS:  
DATA PLATES AND LABELS LOCATED ABOVE SUSPENDED CEILING  
ABOVE ELECTRICAL PANELS

**SEALED DRAWINGS:** REGISTERED ENGINEER OR ARCHITECT  
**MODEL APPROVAL:** THIRD PARTY OR WASHINGTON STATE L&I

### OVERALL LIST - SERIAL NUMBERS

UNIT NUMBER	CANADA SERIAL NUMBER	US SERIAL NUMBER
101 (1 of 10)	864245199	4642414566
102 (2 of 10)	864245200	4642414567
101 (3 of 10)	864245201	4642414568
102 (4 of 10)	864245202	4642414569
101 (5 of 10)	864245203	4642414570
102 (6 of 10)	864245204	4642414571
101 (7 of 10)	864245205	4642414572
102 (8 of 10)	864245206	4642414573
101 (9 of 10)	864245207	4642414574
102 (10 of 10)	864245208	4642414575

City of Puyallup  
Building  
REVIEWED  
FOR  
COMPLIANCE

SKinnear  
05/29/2025  
1:36:53 PM

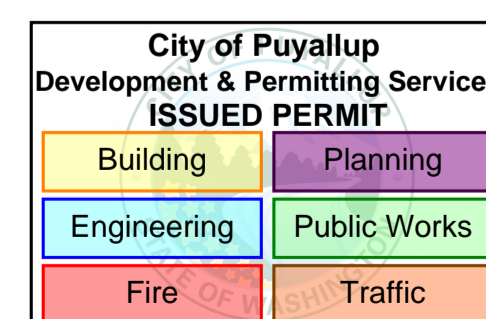


Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

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



### SHEET LIST

SHEET NUMBER	SHEET NAME
AM001	ARCHITECTURAL DRAWING LIST & GENERAL INFORMATION
AM002	GENERAL NOTES/CODE SUMMARY
AM101	OVERALL FLOOR PLAN - LEVEL 1
AM141	OVERALL REFLECTED CEILING PLAN
AM200	OVERALL BUILDING ELEVATIONS
AM210	OVERALL BUILDING SECTIONS
EM101	ELECTRICAL PLAN
MM101	OVERALL HVAC PLAN
SC100	FOUNDATION / CRAWLSPACE PLAN
SM101	FLOOR & ROOF FRAMING PLAN
SM102	STRUCTURAL FOUNDATION DETAILS

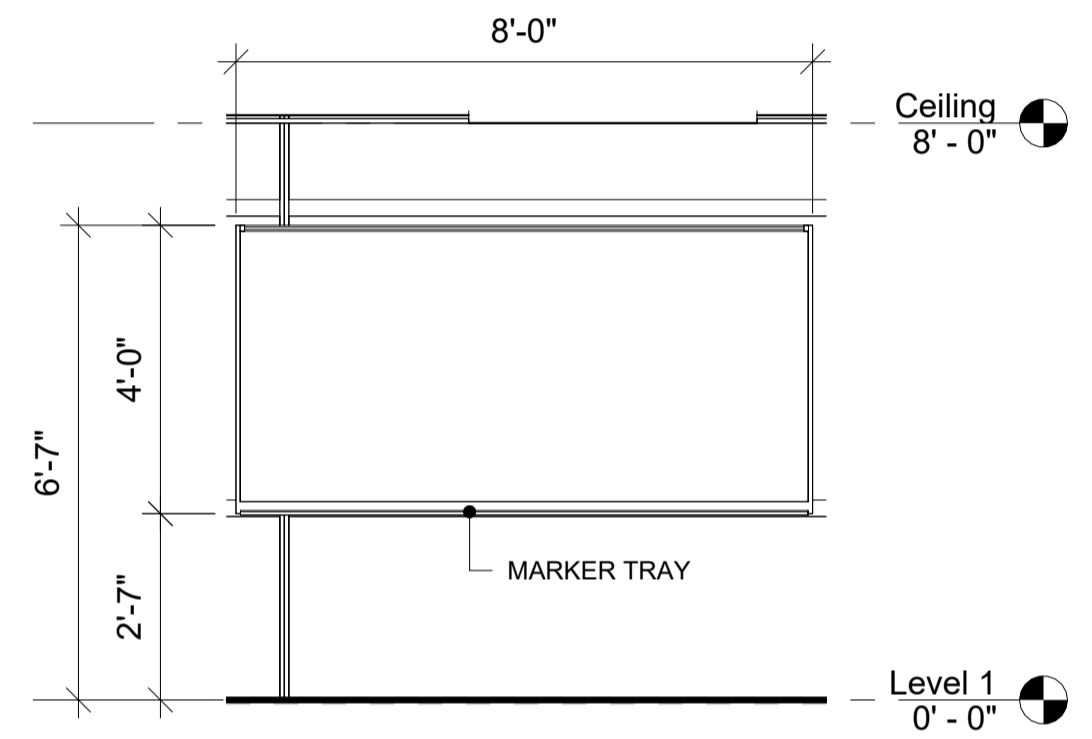
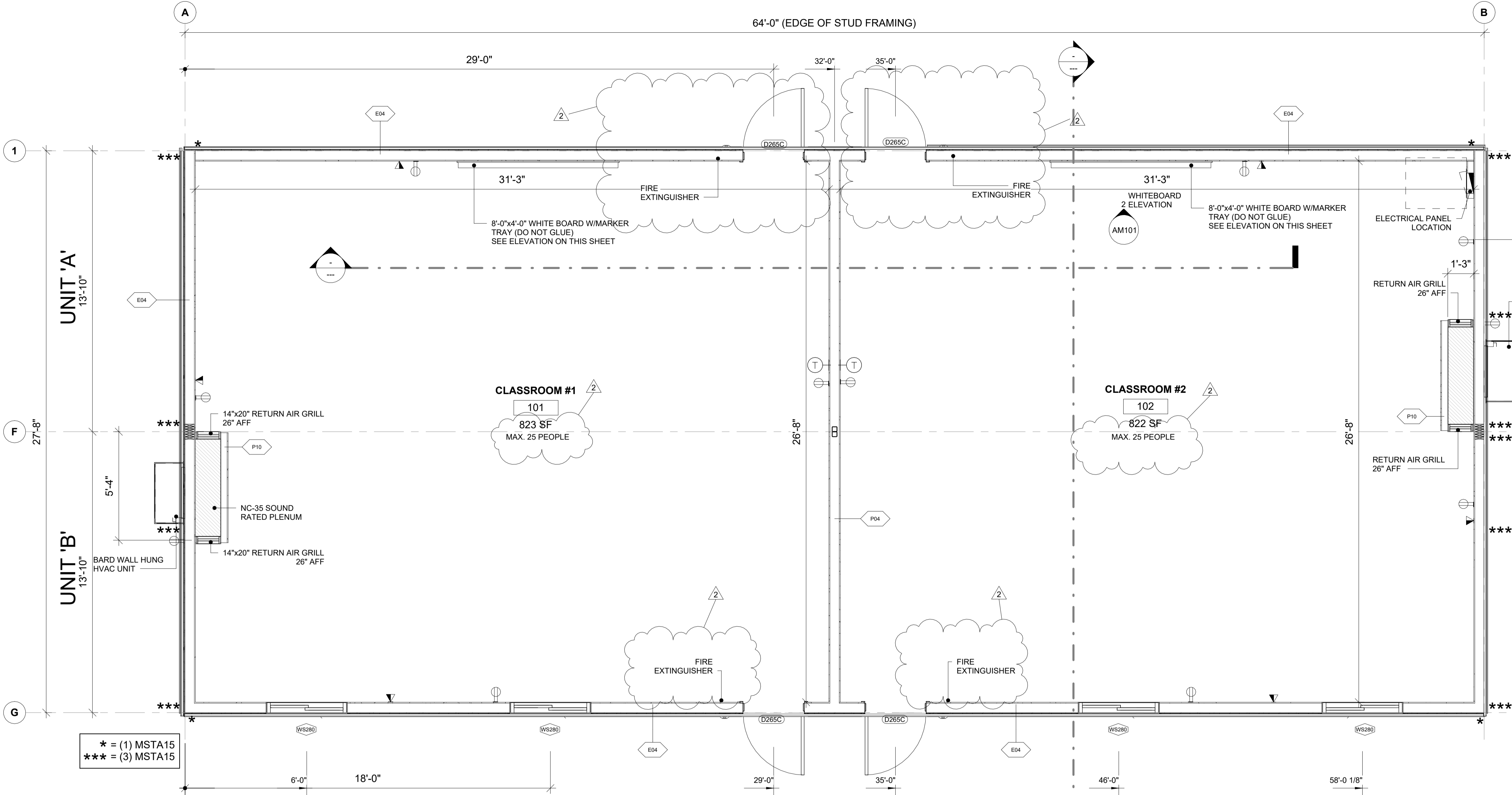
### GENERAL SPECIFICATION NOTES

- THIS BUILDING SHALL BE LOCATED MORE THAN 30 FEET AWAY FROM ANY PROPERTY LINE OR ANY INTERIOR LOT LINE BETWEEN IT AND ANY OTHER BUILDING.
- THIS BUILDING IS NOT TO BE LOCATED IN A FLOOD PRONE AREA.
- ATCO IS NOT RESPONSIBLE FOR THE LOCAL BUILDING CODE REQUIREMENTS OVER AND ABOVE THE ENCLOSED SPECIFICATIONS. THE SPECIFICATIONS ARE BASED ON THE DESIGN PARAMETERS OF THE CODES LISTED ON THIS SHEET.
- DRINKING FOUNTAINS AND SERVICE SINKS SHALL BE PROVIDED AND INSTALLED BY OTHERS ON SITE. BOTTLED WATER MAY BE PROVIDED IN LIEU OF A DRINKING FOUNTAIN.
- ADDITIONAL RESTROOM AND HANDICAPPED RESTROOM FACILITIES MUST BE READILY ACCESSIBLE AND WITHIN 300' OF THIS BUILDING ON THE SITE. BUILDING OFFICIAL TO VERIFY EXISTING FACILITIES.
- DUPLICATES OF THIS BUILDING CAN BE BUILT AS A MIRROR IMAGE.
- THIS BUILDING DOES NOT HAVE FIRE-RATED EXTERIOR WALLS.
- OCCUPANT LOAD PER CLASSROOM OF 50 PEOPLE OR LESS ARE PERMITTED WITHOUT AUTOMATIC SPRINKLERS SYSTEM, PROVIDED AGGREGATED CLUSTER OF PORTABLE CLASSROOMS DOES NOT EXCEED 6000 sqft. WITH PROPER SPATIAL SEPARATION IN ACCORDANCE WITH THE BUILDING CODE (903.2.3 GROUP E- EXCEPTIONS)
- CENTRALIZED JANITORIAL SERVICES, SO NO MOP SINK REQUIRED.
- THIS BUILDING SHALL NOT BE LOCATED IN AREAS WITH SNOW, WIND, AND/OR SEISMIC LOADS IN EXCESS OF THOSE NOTED IN THE BUILDING DESIGN LOADS.

### BUILDING DESIGN PARAMETERS

- |   |  |
|---|--|
| 1. USE/OCCUPANCY:   | E (EDUCATIONAL)                                      |
| 2. CONSTRUCTION TYPE:   | AGES: 5+   |
| 3. SPRINKLER SYSTEM:  | V-B (UNSPRINKLD)                                     |
| 4. FIRE ALARM SYSTEM:   | NO   |
| 5. BUILDING AREA:   | YES (SITE INSTALLED)                                 |
| 6. BUILDING HEIGHT:   | 1771 S.F.  |
| 7. NUMBER OF STORIES:   | ≤ 15 FEET  |
| 8. NUMBER OF MODULES:   | 1  |
| 9. OCCUPANT LOAD:   | 2<br>MAX . 25 PER CLASSROOM (IBC 1004.5 - EXCEPTION) |
| 10. EXTERIOR WALL FIRE RATING:  | NOT RATED  |
| 11. THIS BUILDING MUST BE INSTALLED WITH THE FIRE SEPERATION DISTANCES AS REQUIRED BY IBC TABLE 602 AND SECTION 704.3 |  |
| 12. ENGERGY CODE COMPLIANCE:  | SEE ATTACHED ENERGY CALCS                            |
| 13. MANUFACTURER'S DATA PLATE AND STATE LABELS ARE TO BE LOCATED ABOVE TO THE ELECTRICAL PANEL.                       |  |





2 WHITEBOARD ELEVATION  
3/8" = 1'-0"

1 FLOOR PLAN  
1/32"

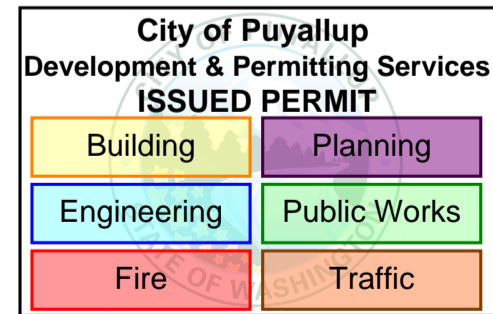
DOOR SCHEDULE																
MARK	QTY	DOOR DESRIPTION	DOOR						FRAME		ROUGH OPENING		DOOR PROPERTIES	COMMENTS	Area	
			WD	HGT	THK.	MATERIAL	FINISH EXT/INT	GLAZING	TYPE	FINISH EXT/INT	WD	HGT	FUNCTION			
D265C	4	Exterior Door With 6"x 30" VP (36"x80" 20 Galv. Pre-Hung Steel Door)	3' - 0"	6' - 8"	0' - 1 3/4"	STEEL	BRIGHT WHITE	N/A	18GA	STONE GRAY	3' - 0 1/4"	6' - 9 1/8"	EXTERIOR	PANIC HARDWARE, CLASSROOM LOCKSET, CLOSER/ADA THRESHOLD	20.4 SF	

NOTES: DOOR HARDWARE TO HAVE SATIN CHROME ALUMINUM TYPE FINISH

WINDOW SCHEDULE1																	
WINDOW NO.	QTY	DIMENSIONS				TYPE	ROUGH OPENING		MATERIAL	FINISH COLOUR	JAMB THICKNESS	GLAZING	WINDOW COLOUR	WINDOW SHGC	WINDOW VT	WINDOW U-VALUE	WINDOW TREATMENT
		WIDT H	HEIGHT	HEAD HEIGHT	SILL HEIGHT		WIDTH	HEIGHT				DESCRIPTION				BLINDS	
WS280	4	47"	47"	80 5/8"	33 5/8"	ALPINE 6700 HORZ SLIDER	48"	48"	PVC	WHITE	6 5/8"	DOUBLE INDULATED GLASS , CLEAR WITH LOW E FILM	WHITE	0.23	.20	0.28 (BTU/h-ft <sup>2</sup> -°F)	Yes

STATISTICS LEGEND (NET)			
SPACE NAME	ROOM #	AREA	Level
CLASSROOM #1	101	823 SF	Level 1
CLASSROOM #2	102	822 SF	Level 1

AIR BARRIER NOTES:  
THESE AREAS SHALL BE SEALED BY CAULKING, GASKETS, TAPE OR WEATHER-STRIPPING:  
- JOINTS AROUND FENESTRATION (WINDOWS AND DOOR FRAMES): USE APPROPRIATELY SIZED BACKER ROD WITH MINIMUM 2" LAP AT ENDS.  
- JUNCTIONS BETWEEN WALLS AT:  
- BUILDING CORNERS: USE CAULKING  
- STRUCTURAL FLOORS: USE SILL SEAL OR CAULKING  
- ROOFS (AT RIM): USE SILL SEAL OR CAULKING  
- PENETRATIONS OF UTILITY SERVICES THRU THE AIR BARRIER @ ROOFS, WALLS, AND FLOORS: USE CAULKING, SPRAY FOAM, OR AIR BARRIER TAPE.  
- BUILDING ASSEMBLIES USED AS DUCTS OR PLENUMS: USE BACKER ROD, CAULK, SPRAY FOAM OR AIR BARRIER TAPE.  
- JOINTS, SEAMS, AND PENETRATIONS OF VAPOR RETARDANTS: USE CAULK OR APPROVED TAPE.  
- RECESSED LIGHTING FIXTURES: USE CAULK OR SPRAY FOAM.



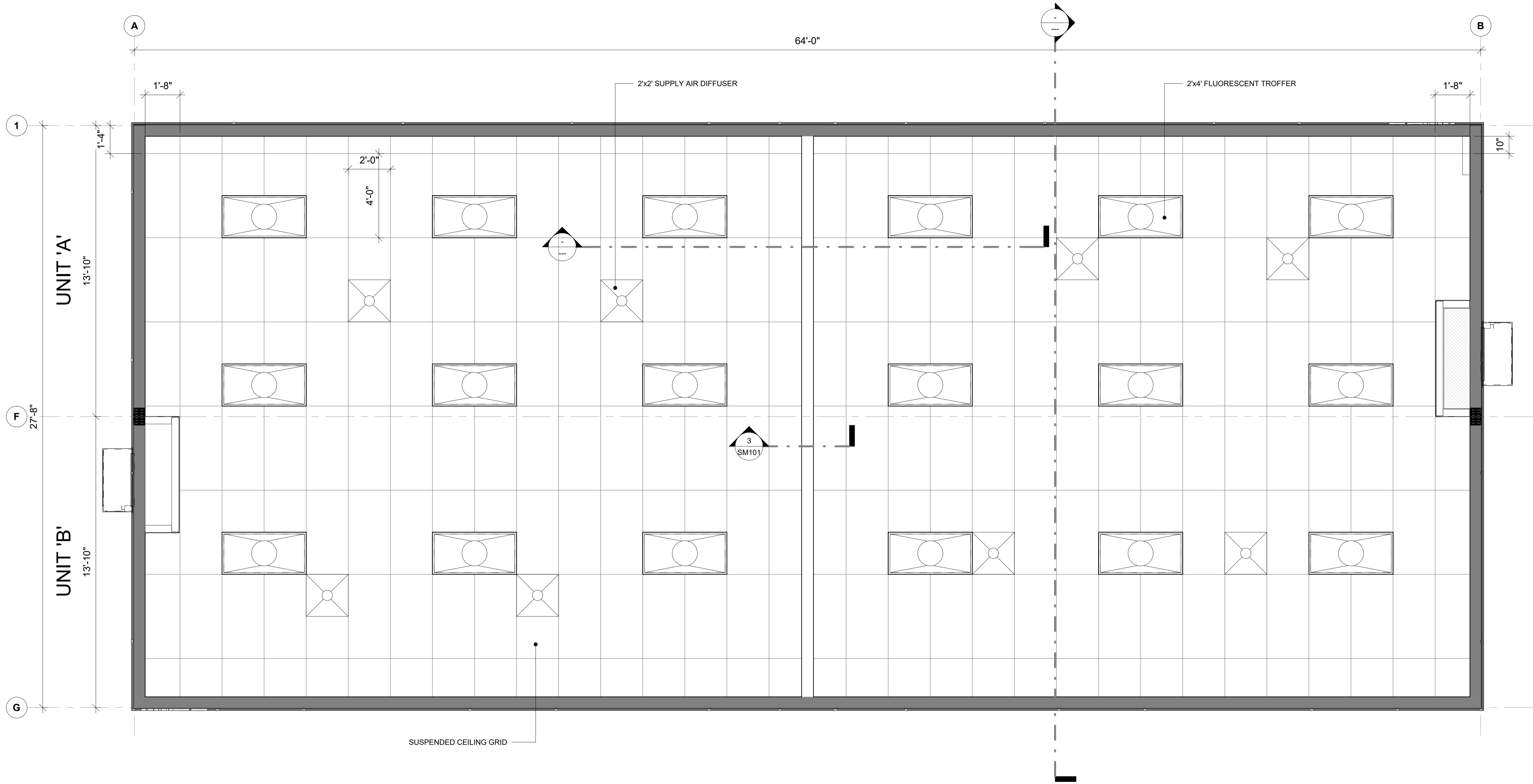
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24x36 SHEET - DO NOT PRINT TO OTHER SCALE

REFERENCE DRAWING  
APPROVED BY THE STATE

REV.	DATE	DESCRIPTION	NM	GM	BY	CHK/APR
2	2024-05-13	REISSUED FOR STATE APPROVAL				
1	2024-04-17	ISSUED FOR PERMIT				

PROJECT: 28x64 CLASSROOM		DRAWING TITLE: OVERALL FLOOR PLAN - LEVEL 1			
CLIENT: ATCO STRUCTURES AND LOGISTICS		PROJECT NO: 1106442-A	DRAWING NO: AM101	REV. # 2	

PRPF20250508



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

ELECTRICAL LEGEND	
	120V/20A SINGLE-POLE SWITCH WITH OCCUPANCY SENSOR - 48" AFF
	125V/20A DUPLEX RECEPTACLE - 18" AFF
	125V/20A DUPLEX (GFI) RECEPTACLE - 18" AFF - UP TO 48" AFF
	125V/20A DUPLEX (GFI) WEATHER RESISTANT RECEPTACLE - 6" AFF - EXTERIOR MOUNTED
	2x4 NON-METALLIC JUNCTION BOX W/3/4" PVC CONDUIT CEILING STUB UP.
	EXIT/EMERGENCY LIGHT W/BATTERY PACK & EXTERIOR REMOTE HEAD (WP) - 84" AFF
	LED WALL PACK - WEATHERPROOF W/PHOTOCELL CONTROL - 74" AFF
	THERMOSTAT - FOR CENTRAL HVAC UNIT PROGRAMMABLE - MOUNTED AT 48" AFF
	ELECTRICAL PANEL - 120/240V / SINGLE PHASE / 60 HZ / 3 WIRE / MAIN LUG. / 125 AMP PANEL
	24"x48" EDGE LIT LED (LAY-IN) (FLAT PANEL) LIGHT FIXTURE W/DIFFUSER - 40W RATED - COOPER - 24CGTS-L3C3
	24"x24" LAY-IN CEILING DIFFUSER

3 ELECTRICAL LEGEND  
3/8" = 1'-0"

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

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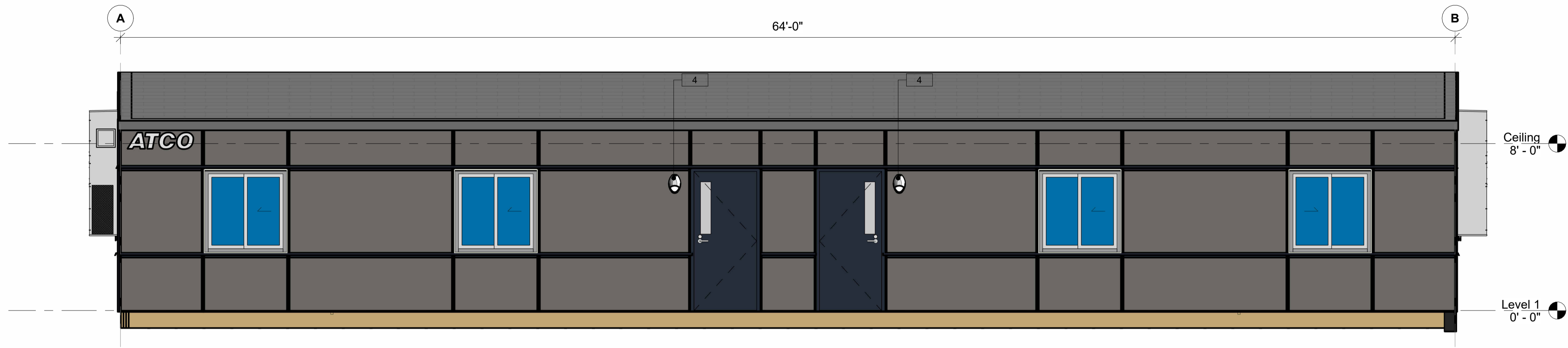
PROJECT:  
28x64 CLASSROOM

CLIENT:  
ATCO STRUCTURES AND LOGISTICS

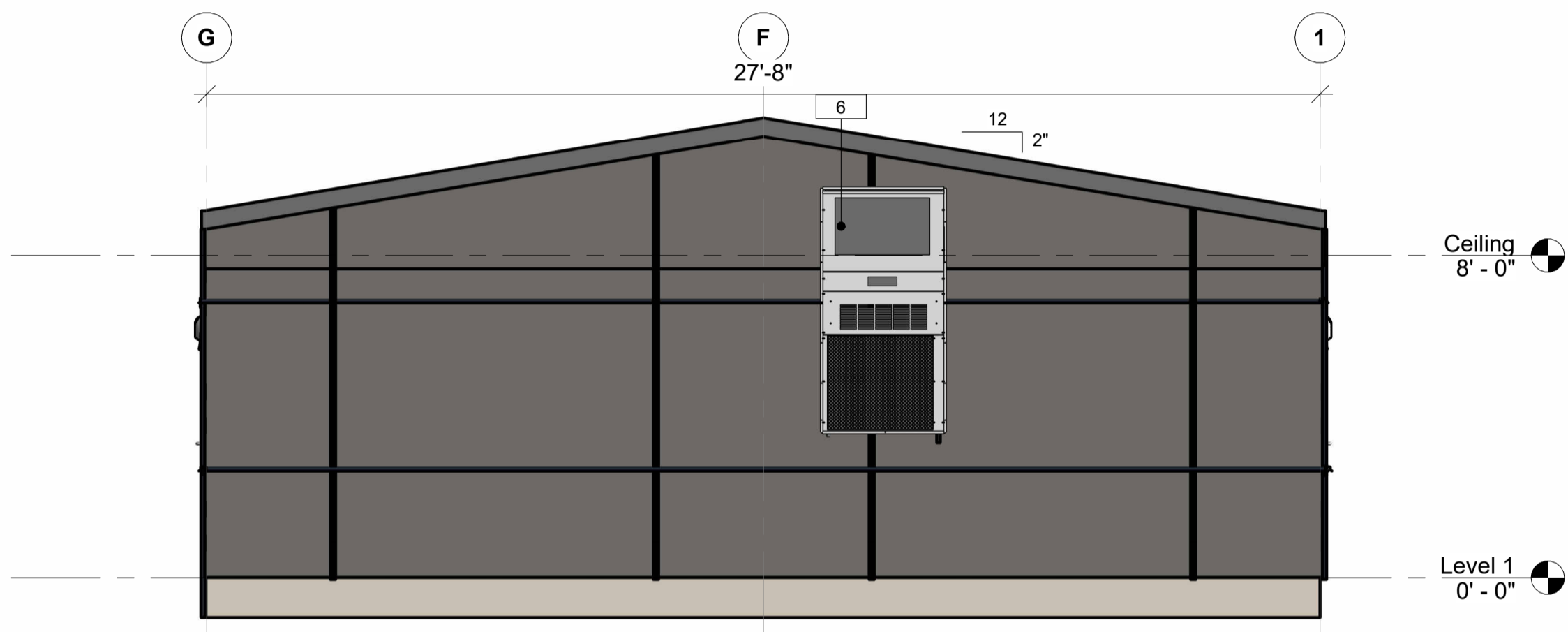
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OVERALL REFLECTED CEILING PLAN

PROJECT NO: 1106442-A  
DRAWING NO: AM141  
REV. # 1

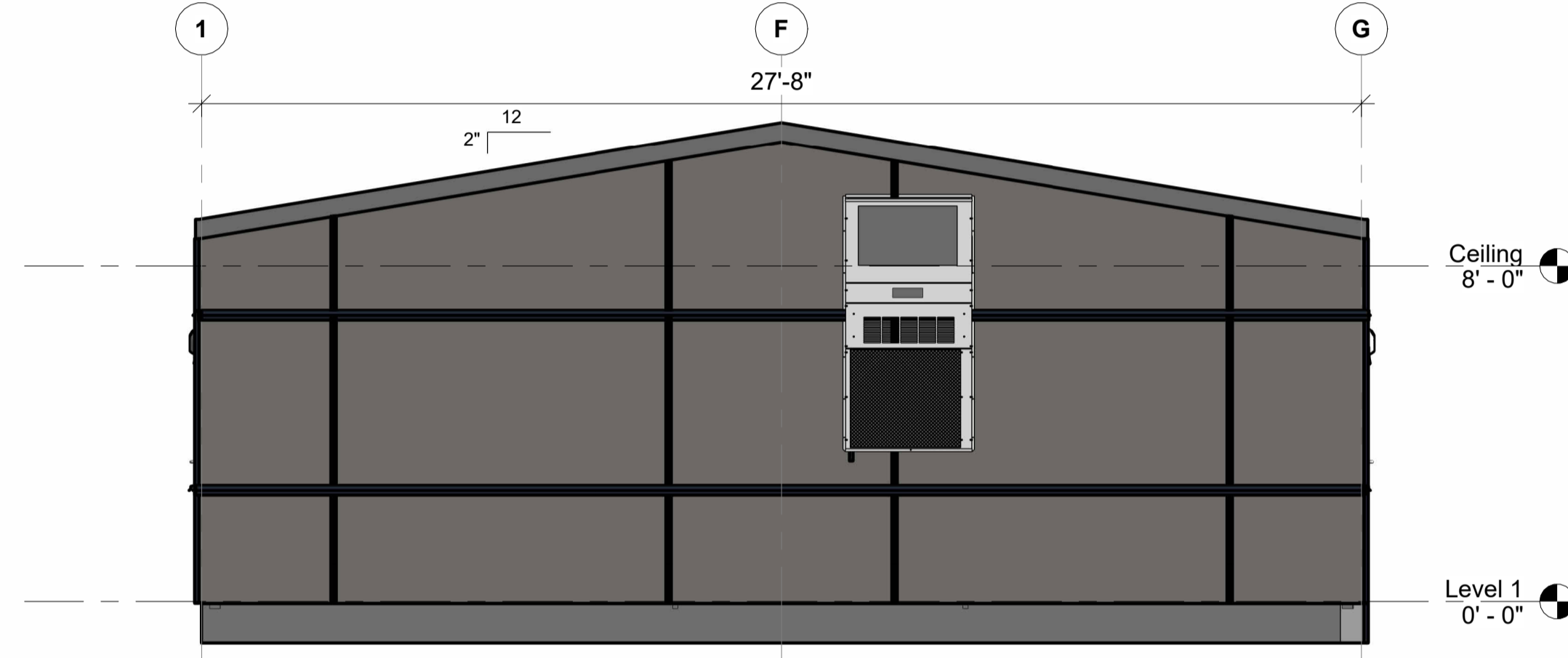
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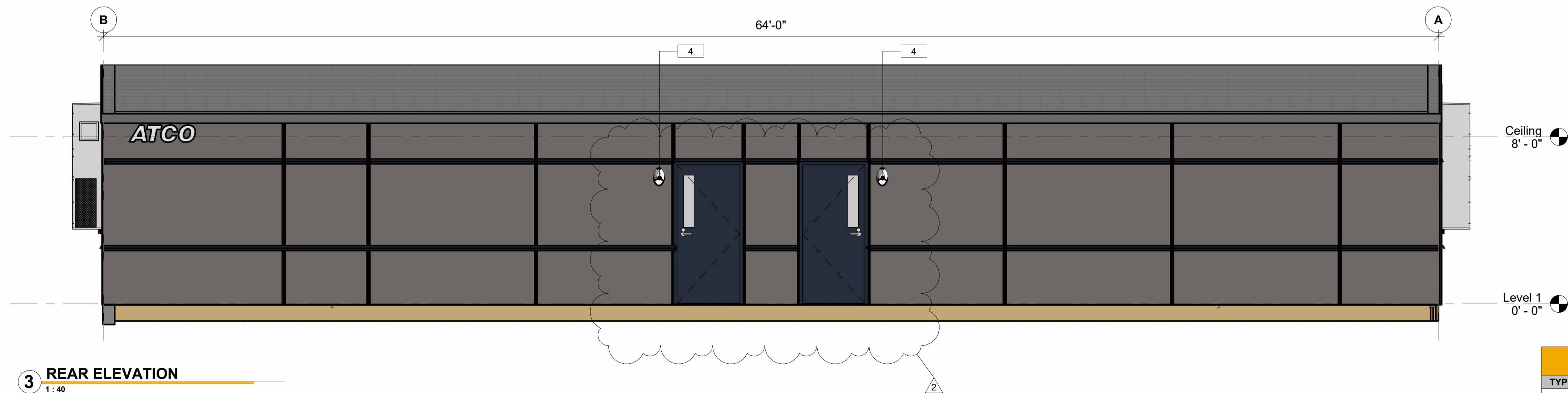
2 FRONT ELEVATION  
1:40



4 RIGHT SIDE ELEVATION  
1:40



5 LEFT SIDE ELEVATION  
1:40



3 REAR ELEVATION  
1:40

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

ELEVATION LEGEND	
TYPE MARK	DESCRIPTION
4	HORIZONTAL J TRIM WITH DRIP
6	EXTERIOR LIGHT
6	HVAC UNIT

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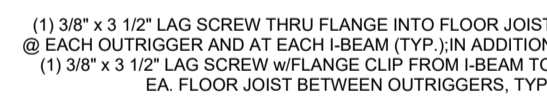
PROJECT:  
28x64 CLASSROOM

CLIENT:  
ATCO STRUCTURES AND  
LOGISTICS

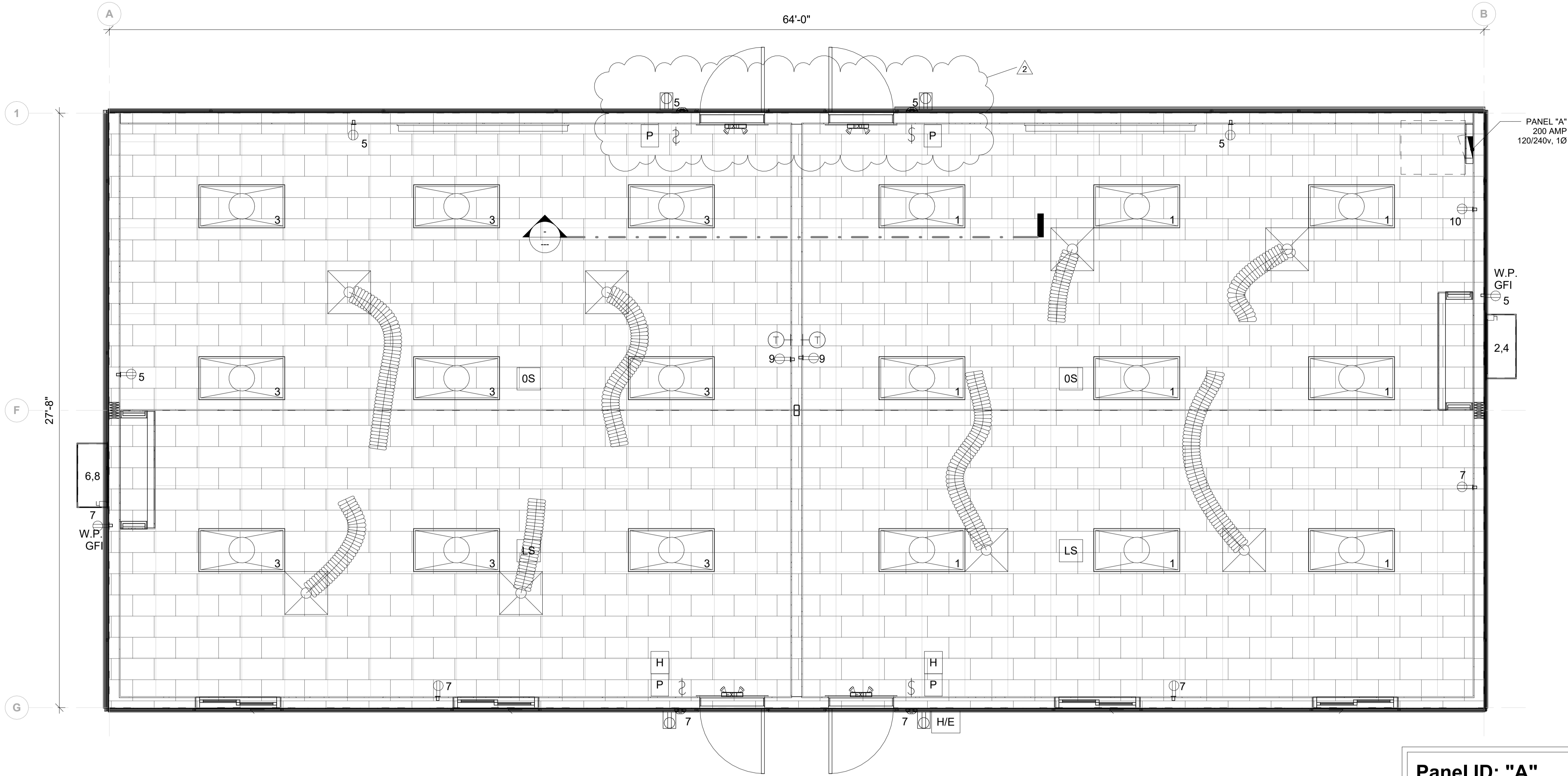
DRAWING TITLE:  
OVERALLL BUILDING ELEVATIONS

PROJECT NO: 1106442-A  
DRAWING NO: AM200  
REV. # 2

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**3** **DETAIL**  
1/2" = 1'-0"



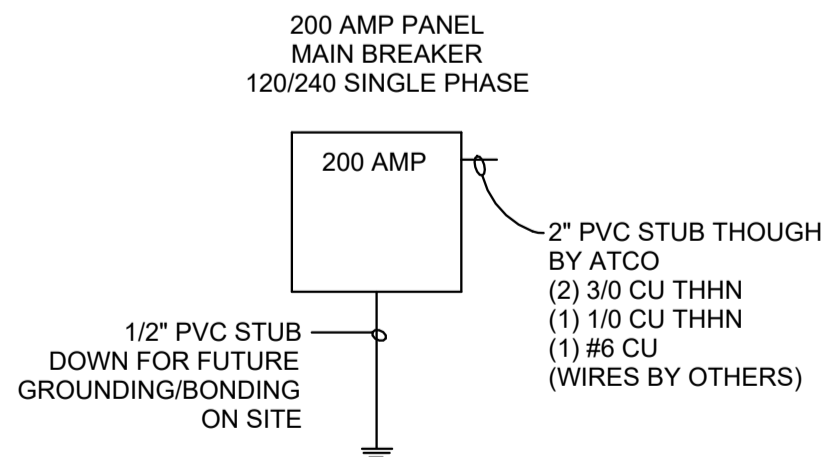
ELECTRICAL LEGEND	
EXIT	EXIT SIGN WITH BATTERY BACK UP AND EMERGENCY LIGHT
H/E	HORN/STROBE (EXTERIOR) INSTALLED AT 84" AFF
H	HORN/STROBE INSTALLED AT 84" AFF
P	PULL STATION INSTALLED AT 48" AFF
LS	LIGHT SENSOR INSTALLED @ CEILING
OS	OCCUPANCY SENSOR INSTALLED @ CEILING C/W REMOTE FOR MANUAL CONTROL
0 \$ \$	120V/20A SINGLE-POLE SWITCH WITH OCCUPANCY SENSOR - 48" AFF
⌚	125V/20A DUPLEX RECEPTACLE - 18" AFF
WP GFI ⌚	125V/20A DUPLEX (GFI) RECEPTACLE - 18" AFF - UP TO 48" AFF
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24"x24" LAY-IN CEILING DIFFUSER	

1 REFLECTED CEILING LEGEND  
3/8" = 1'-0"

2 ELECTRICAL PLAN  
1:35

- NOTES:
- WHEN STRANDED WIRE IS USED; ALL TERMINATIONS ARE MADE BY A PRESSURE TERMINAL. BY TAILING OFF WITH SOLID CONDUCTORS OR OTHER APPROVED MEANS OF TERMINATION.
  - ALL CONDUCTORS ARE COPPER" TYPE THHN.
  - RATING OF STANDARD PANEL IS 22,000 A.I.C.
  - WIRING METHOD IN METALLIC CONDUIT OR M.C. CABLE.
  - LIGHTING CONFORMS TO WASHINGTON STATE ENERGY CODE 51-11C. CHAPTER 4 SECTION C405.
  - Project Close out Documentation after complexing is required and to include WSEC lighting compliance reports for all interior and exterior lights

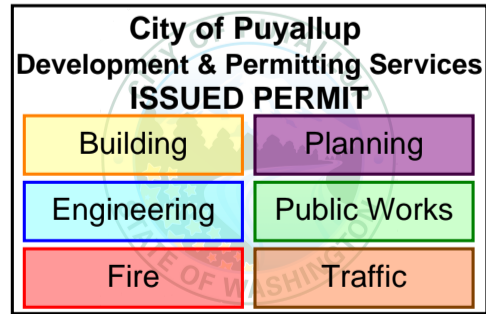
ONE-LINE DIAGRAM



ENERGY CODE NOTES:

Exterior Lighting Power and Efficiency  
- Exterior Lighting Zone: 2 (Table C.405.5.3.(1))  
-max. permitted lighting power allowances for building exterior: 9.8W per lft. of opening, = Total 117.6 Watts, provided 4 fixtures @ 20 Watts

Interior Lighting  
-General Classroom Lighting (24x48 lighting) to be controlled by Occupancy Sensors, complying to C405.2.1.1. throughout  
-Occupancy Sensors to turn luminaires 100% off within 20 minutes of all occupants leaving the space (C405.2.1.1.)  
-Occupancy Sensors shall be manual on or shall be configured to automatically turn the lighting on to not more than 50% power (C405.2.1.1.)  
-They shall incorporate a manual control to allow the occupants to turn lights off (C405.2.1.1, C405.2.3.)  
-Daylight responsive controls to comply to C405.2.5.1. & C405.2.5.2 :  
1. Lights in primary sidelit daylight zones shall be controlled independently of lights in secondary sidelit daylight zones  
2. Daylight responsive controls within each space shall be configured so that they can be calibrated from within that space by authorized personnel. Calibration mechanism shall be in a location with ready access.  
3. Daylight responsive controls shall dim lights continuously from full light output to 15% of full light output or lower.  
4. Daylight responsive controls shall be configured to completely shut off all controlled lights in that zone.  
5. When occupancy sensor controls have reduced the lighting power to an unoccupied setpoint in accordance with section C405.2.1.2 through C405.2.1.4. daylight responsive controls shall continue to adjust electric lighting levels in response to available daylight but shall be configured to not increase the lighting power above the specified unoccupied setpoint.  
-Interior Lighting Power Calculation as per Building Area Method



Panel ID: "A"

\*\*\*MAIN BREAKER: 200

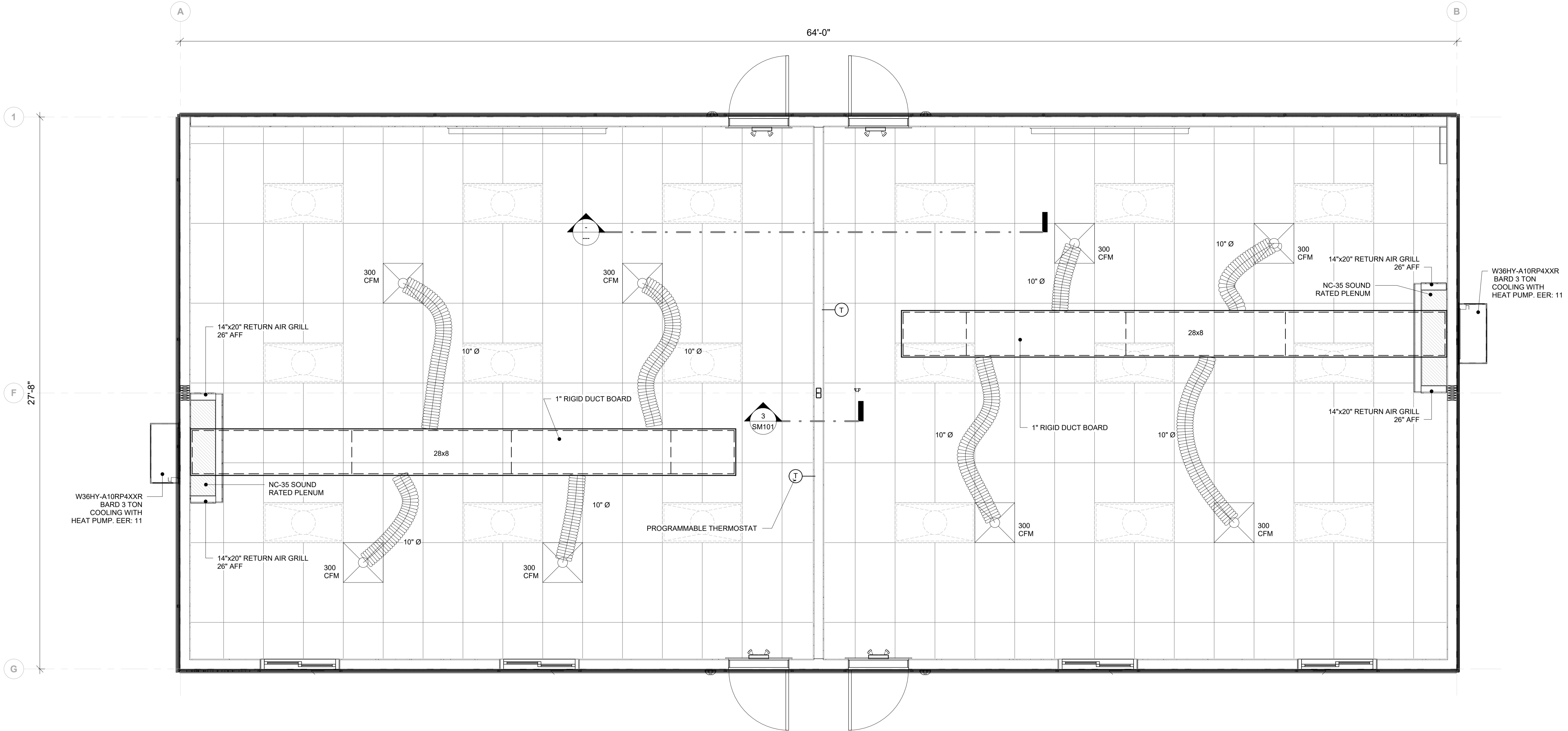
VOLTAGE: 120/240  
MOUNTED TYPE: SURFACE/FLUSH  
PHASE: INTERIOR/EXTERIOR: SINGLE, 3 WIRE  
LOCATION: INTERIOR  
PER PRINT

WATTS	AREA SERVED	WIRE	BRK	CKT	A	B	CKT	BRK	WIRE	AREA SERVED	WATTS
360	LIGHTS	#12	20	1			2	80	#4	HVAC	4650
360	LIGHTS	#12	20	3			4	2P	-	-	4650
746	RECEPTS & EXT LIGHTS	#12	20	5			6	80	#4	HVAC	4650
746	RECEPTS & EXT LIGHTS	#12	20	7			8	2P	-	-	4650
0	SPACE	-	0	9			10	20	#12	DED RECEPT	4650
	SPACE	-	0	11			12	0	-	SPACE	0

CALCULATION OF CONTINUOUS LOAD:		0	TOTAL FOR PHASE "A":	11906 VA
NEC MINIMUM LIGHTING LOAD:		0	TOTAL FOR PHASE "B":	10406 VA
(1771 SQUARE FEET) x 3.0 =		5313 VA	TOTAL CONNECTED LOAD:	22312 VA
ACTUAL LIGHTING LOAD:		1584 VA	- ACTUAL MOTOR & LIGHTINGLOAD:	-3122 VA
USE LARGER OF NEC OR ACTUAL:		5313 VA	MOTOR & LIGHTING LOAD:	31663 VA
LARGEST SINGLE MOTOR LOAD:		21000 VA	MINUS GENERAL PURPOSE RECEPTS OVER 10kW @ 50%	0 VA
2 MOTOR LOAD: AT 125%	1.25	26250 VA	TOTAL LOAD:	28441
TOTAL MOTOR / LIGHTING LOAD		31563 VA	TOTAL LOAD/240 VOLTS =	116 Amps

REV.	DATE	DESCRIPTION	BY	CHK/APR
2	2024-05-13	REISSUED FOR STATE APPROVAL	OS	
1	2024-04-17	ISSUED FOR PERMIT	GM	

PROJECT: 28x64 CLASSROOM		DRAWING TITLE: ELECTRICAL PLAN		
CLIENT: ATCO STRUCTURES AND LOGISTICS		PROJECT NO: 1106442-A	DRAWING NO: EM101	REV. # 2



1 HVAC PLAN  
3/8" = 1'-0"

LEGEND	
	THERMOSTAT - FOR CENTRAL HVAC UNIT PROGRAMMABLE - MOUNTED AT 48" AFF
	24"x48" EDGE LIT LED (LAY-IN) (FLAT PANEL) LIGHT FIXTURE w/DIFFUSER - 40W RATED - COOPER - 24CGTS-L3C3
	24"x24" LAY-IN CEILING DIFFUSER.

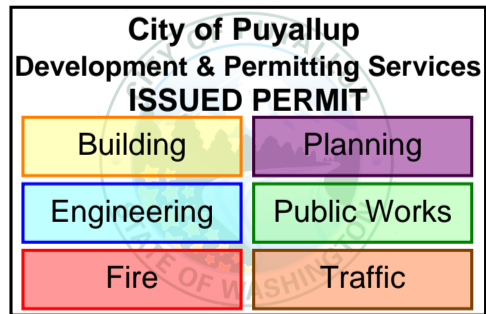
2 HVAC LEGEND  
3/8" = 1'-0"

VENTILATION REQUIREMENTS:

MAXIMUM 450 CFM PER AHU

$[(825 \text{ SQFT} \times .12 \text{ CFM} / \text{SQFT}) + (26 \text{ PPL} \times 10 \text{ CFM} / \text{PER})] / .80 = 449 \text{ CFM}$

OCCUPANT LOAD: 26 PEOPLE PER CLASSROOM



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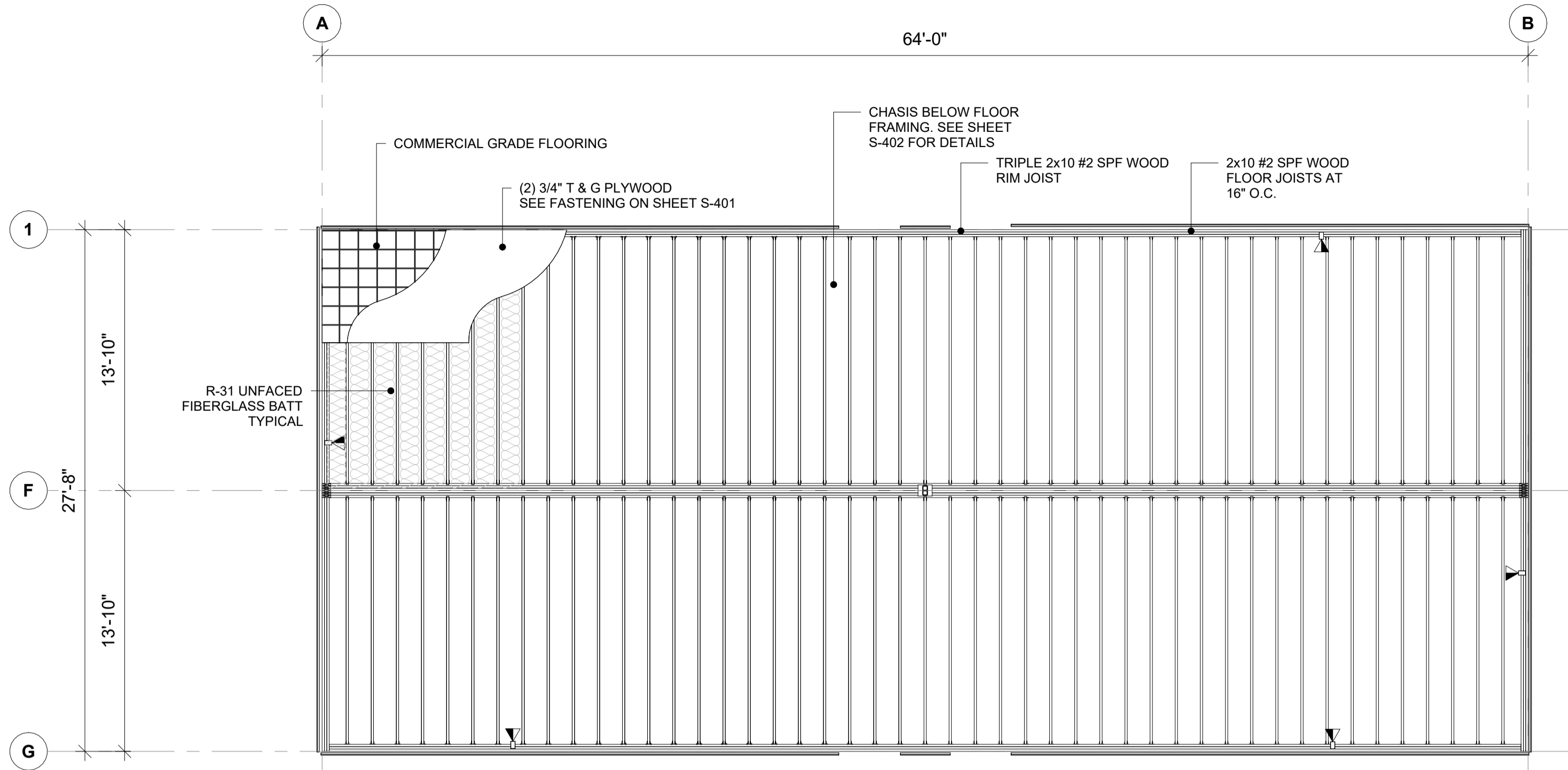
24x36 SHEET - DO NOT PRINT TO OTHER SCALE

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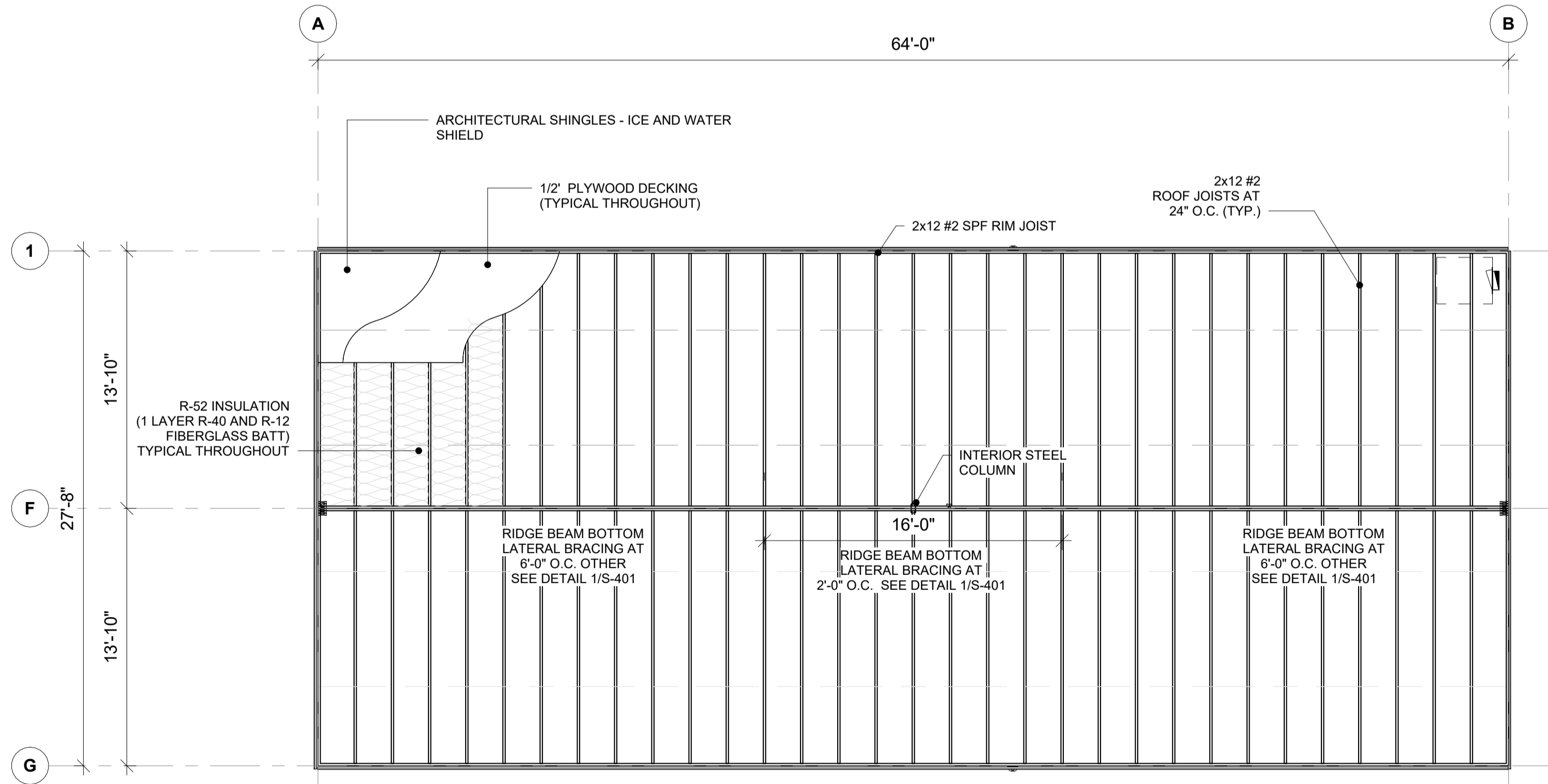
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1	2024-04-17	ISSUED FOR PERMIT		

PROJECT:	28x64 CLASSROOM
CLIENT:	ATCO STRUCTURES AND LOGISTICS

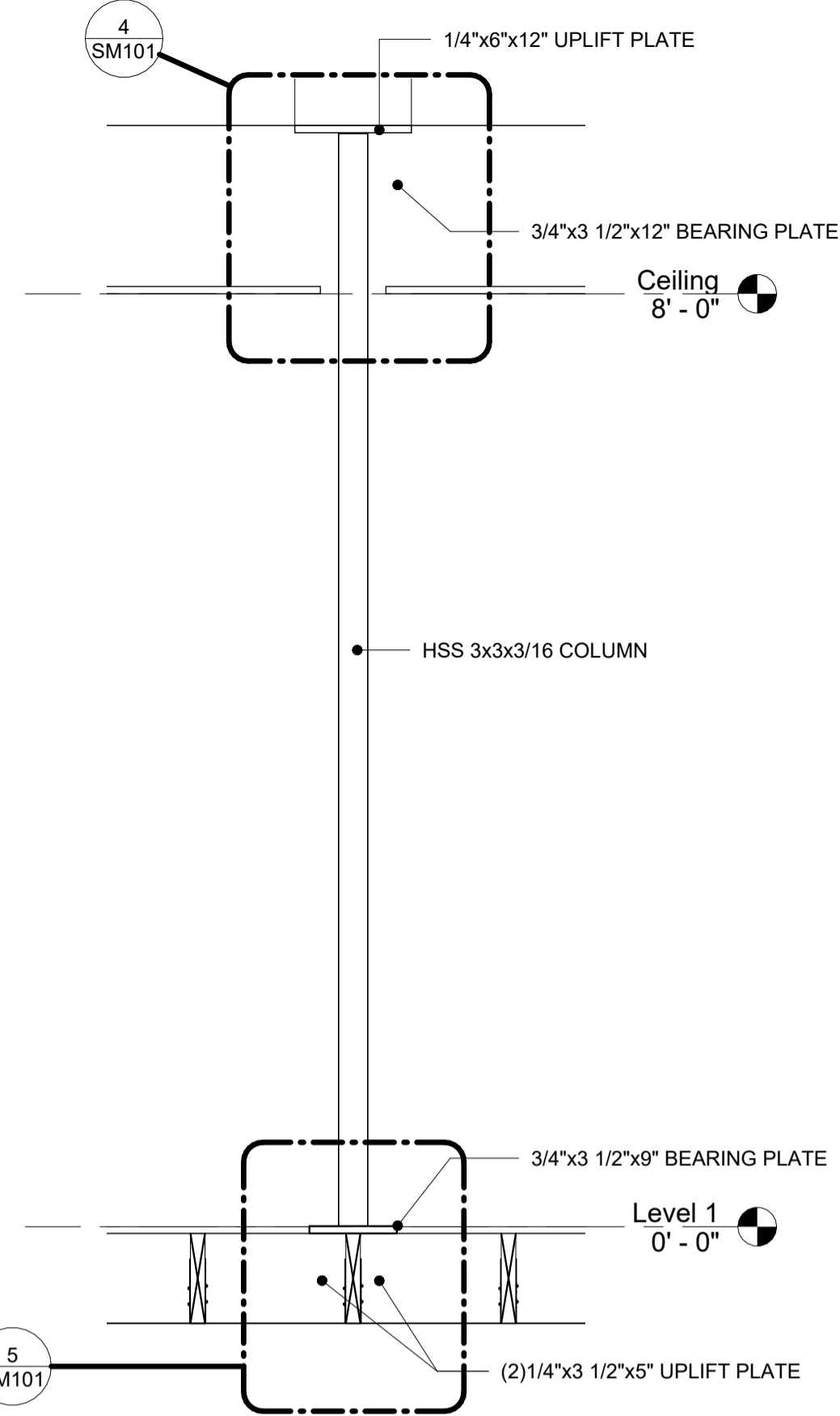
DRAWING TITLE:	OVERALL HVAC PLAN
PROJECT NO:	1106442-A
DRAWING NO:	MM101
REV. #	1



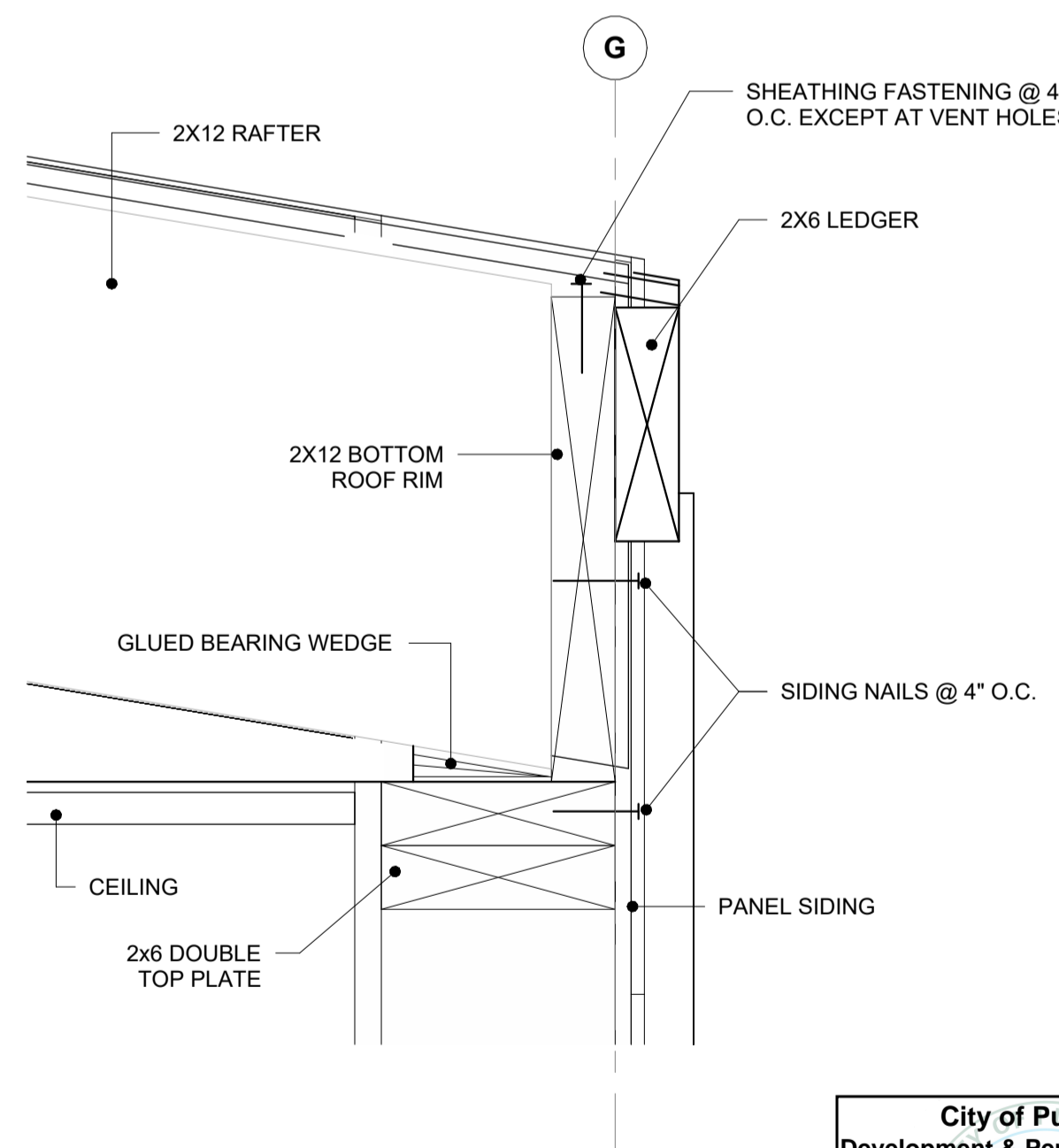
**1 FLOOR FRAMING PLAN**  
3/16" = 1'-0"



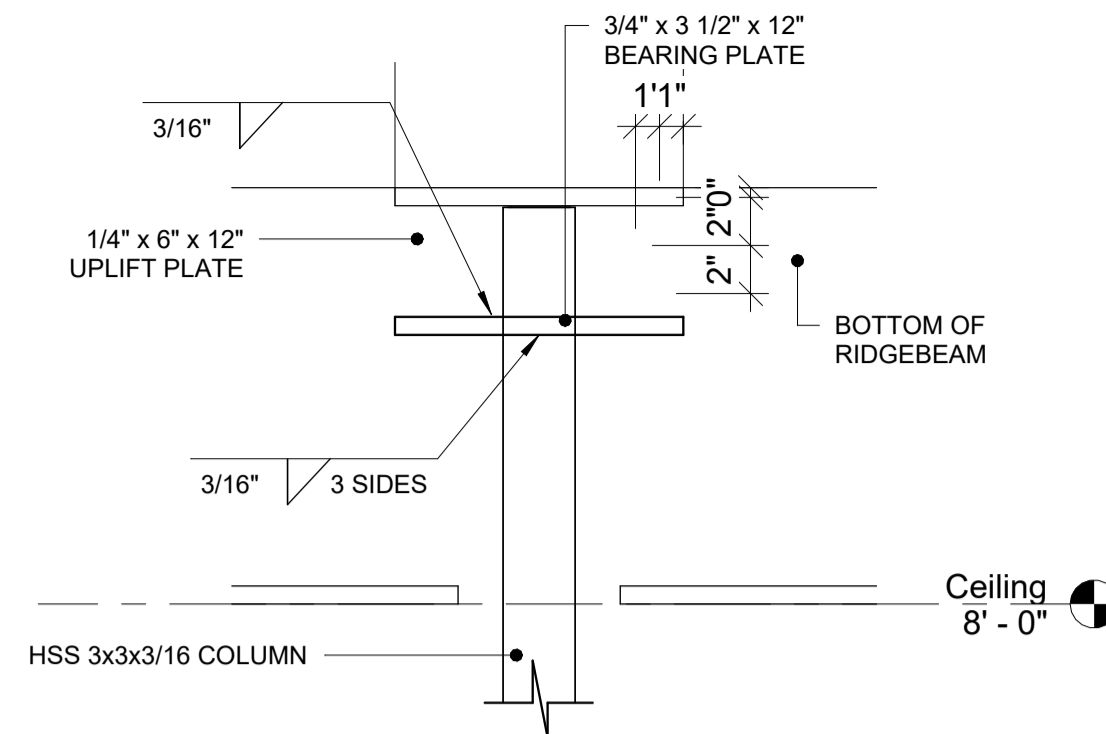
**2 ROOF FRAMING PLAN**  
3/16" = 1'-0"



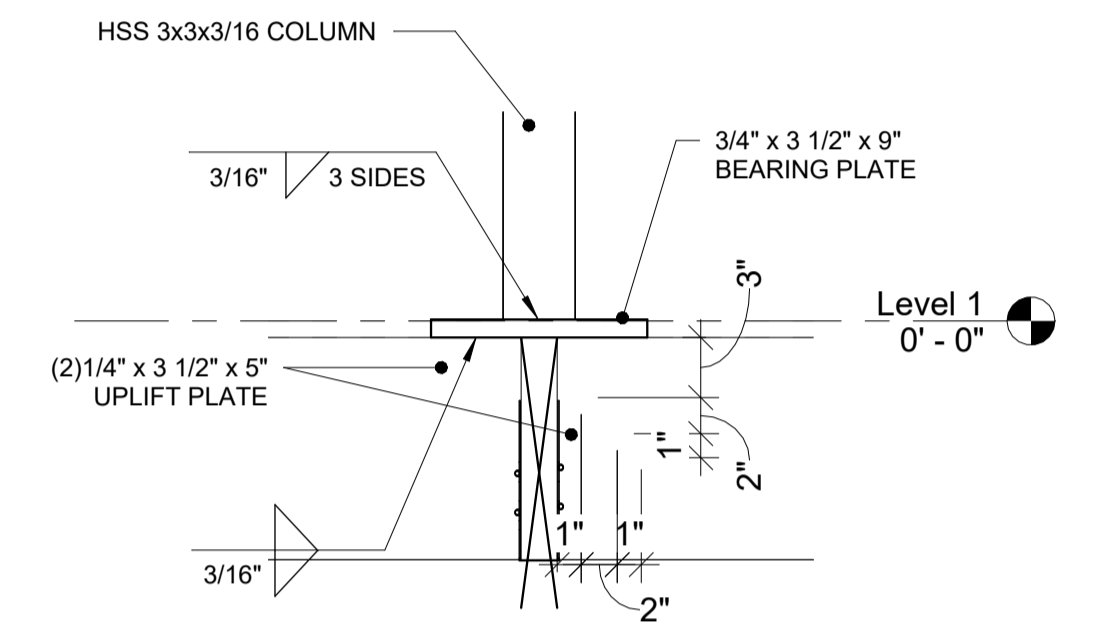
**3 INTERIOR COLUMN SECTION**  
3/4" = 1'-0"



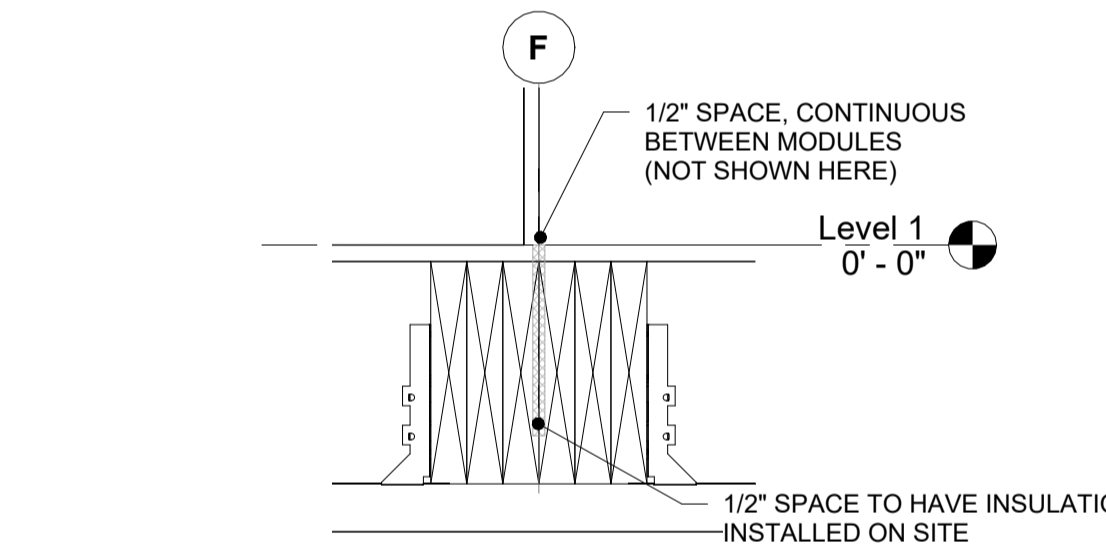
**6 EAVE DETAIL**  
3" = 1'-0"



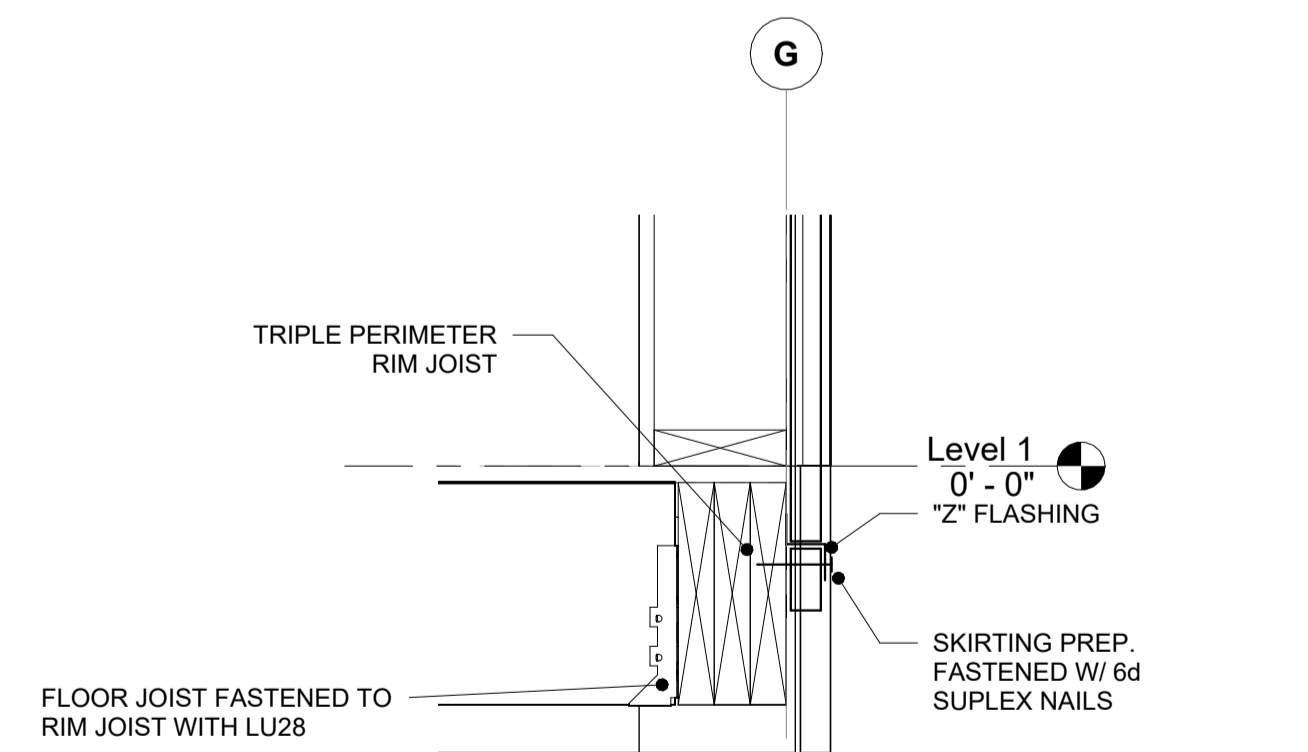
**4 COLUMN TO ROOF BEAM**  
1 1/2" = 1'-0"



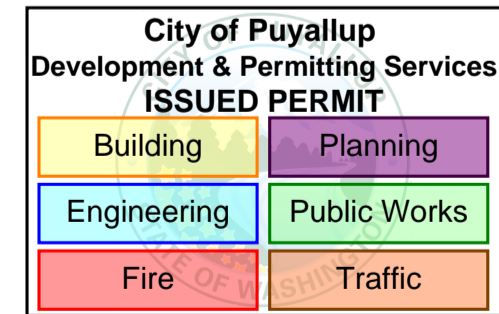
**5 COLUMN TO FLOOR**  
1 1/2" = 1'-0"



**7 FLOOR DETAIL @ MATELINE**  
1 1/2" = 1'-0"



**8 FLOOR DETAIL @ OUTSIDE PERIMETER**  
1 1/2" = 1'-0"



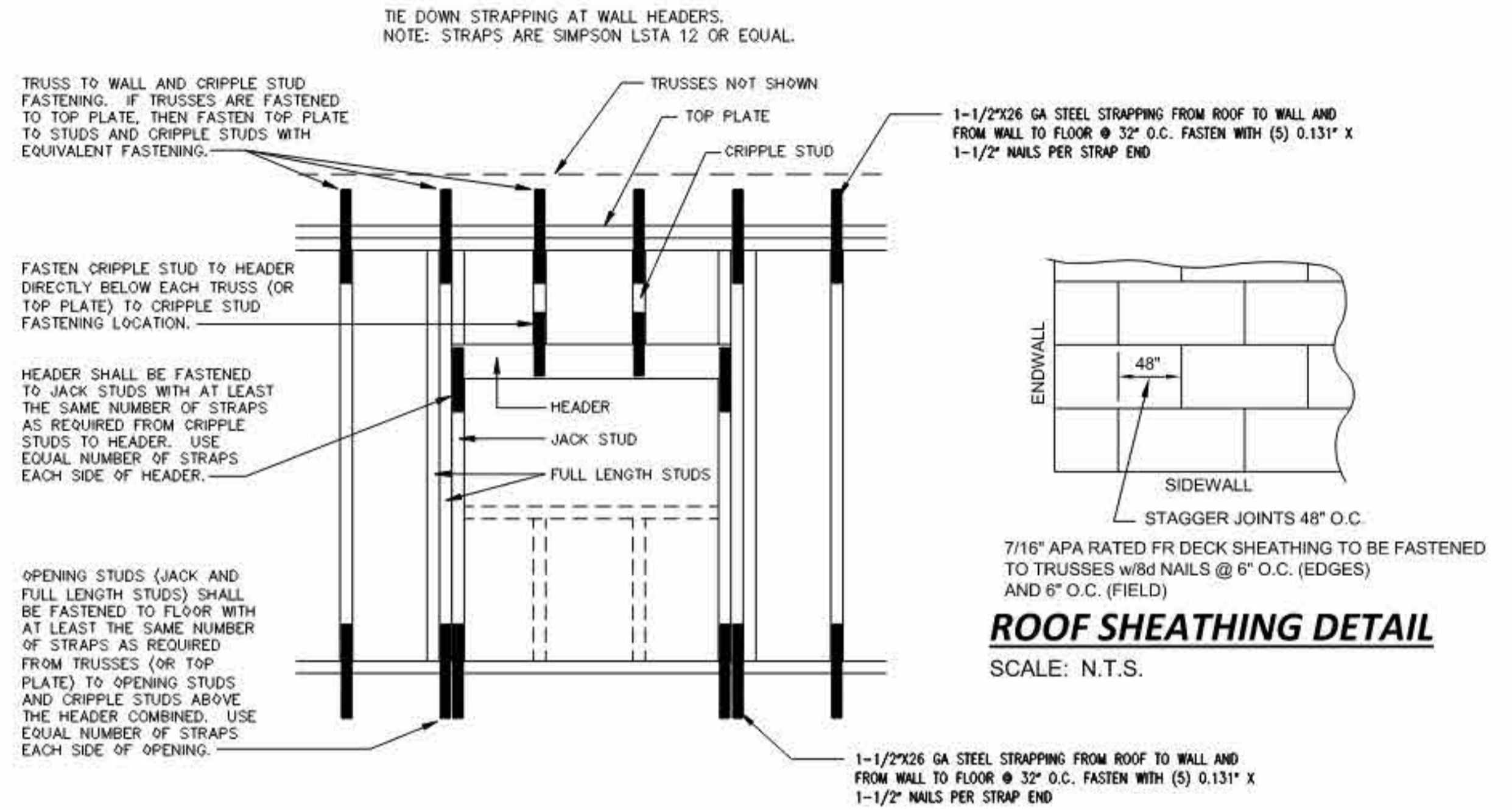
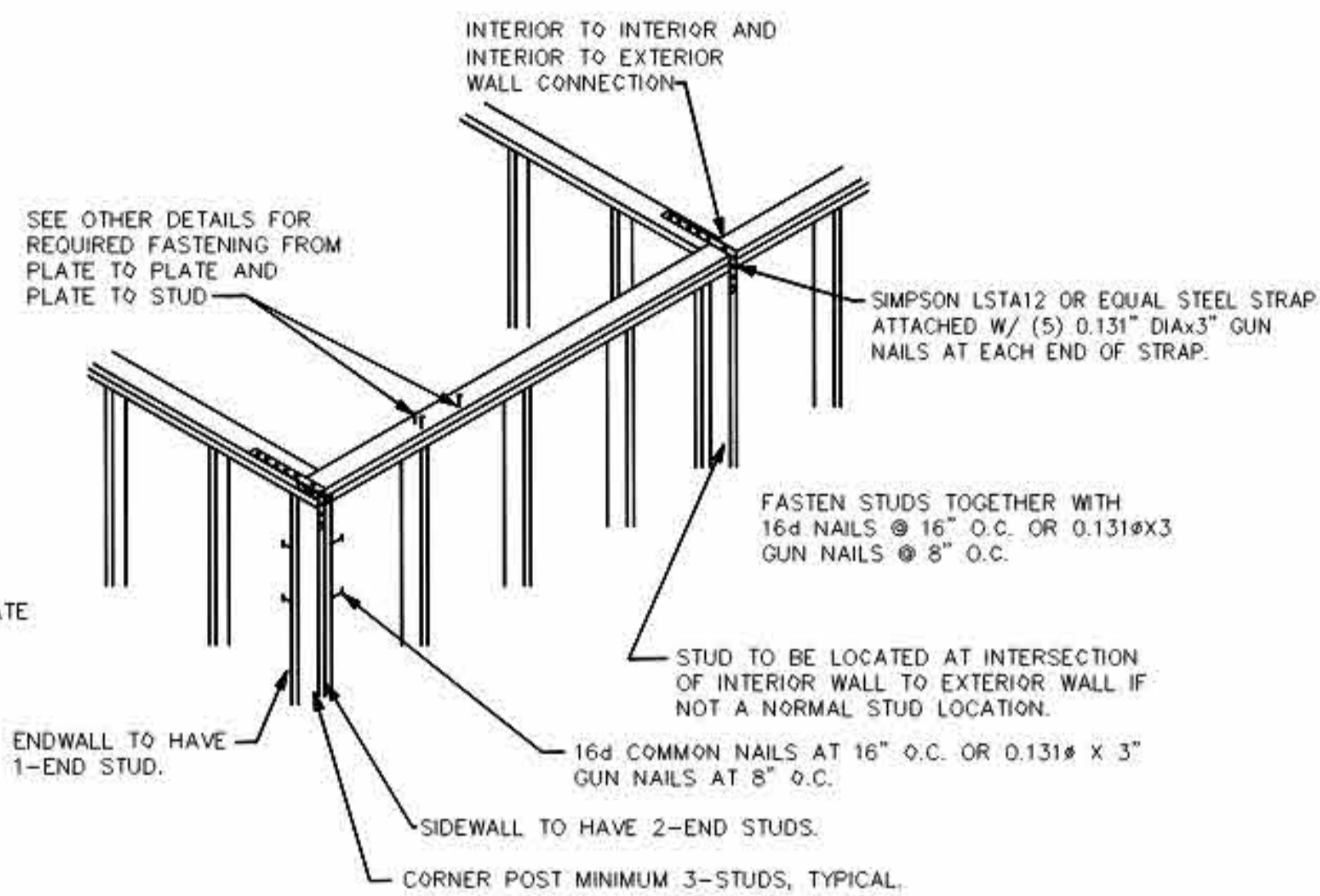
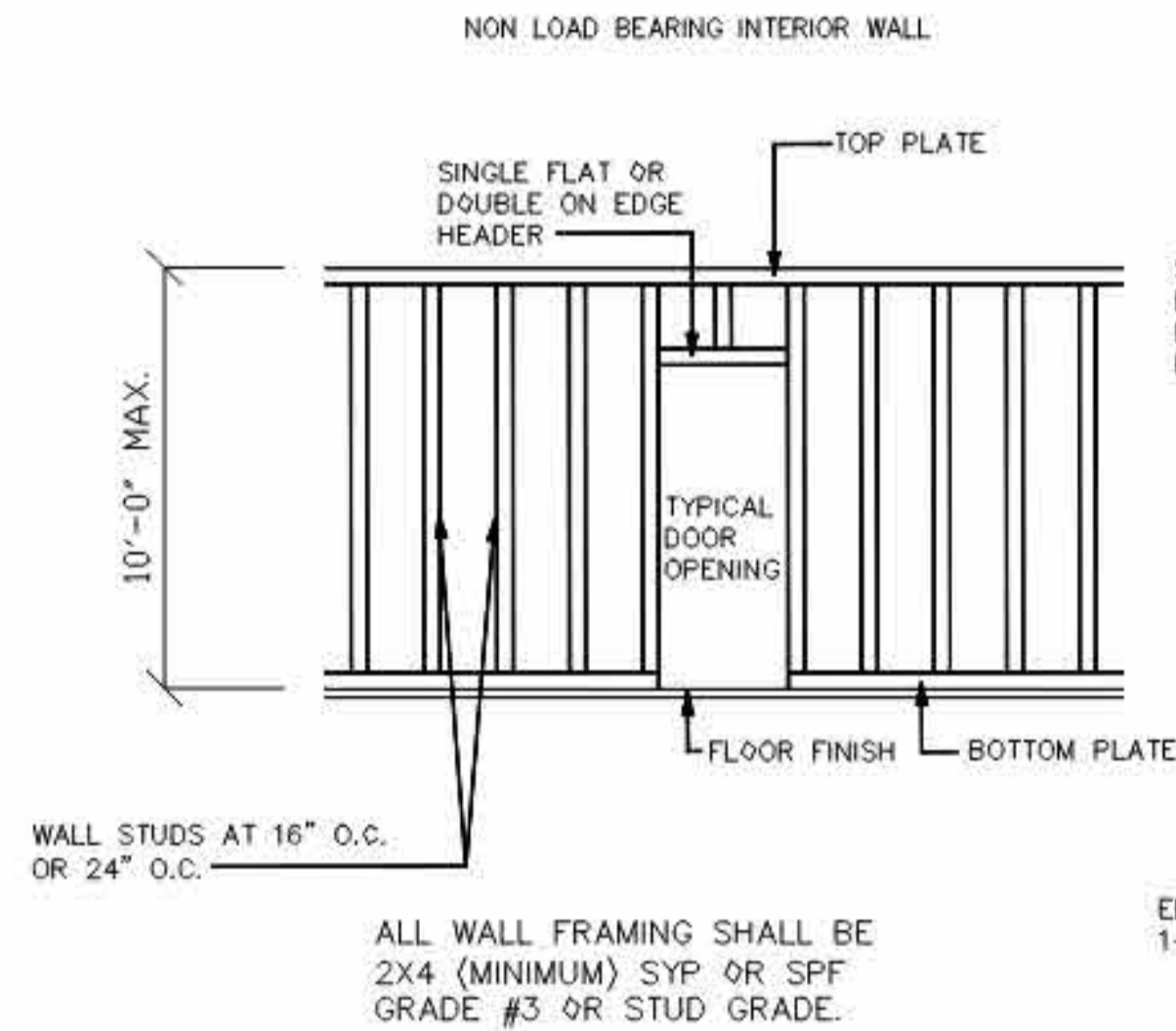
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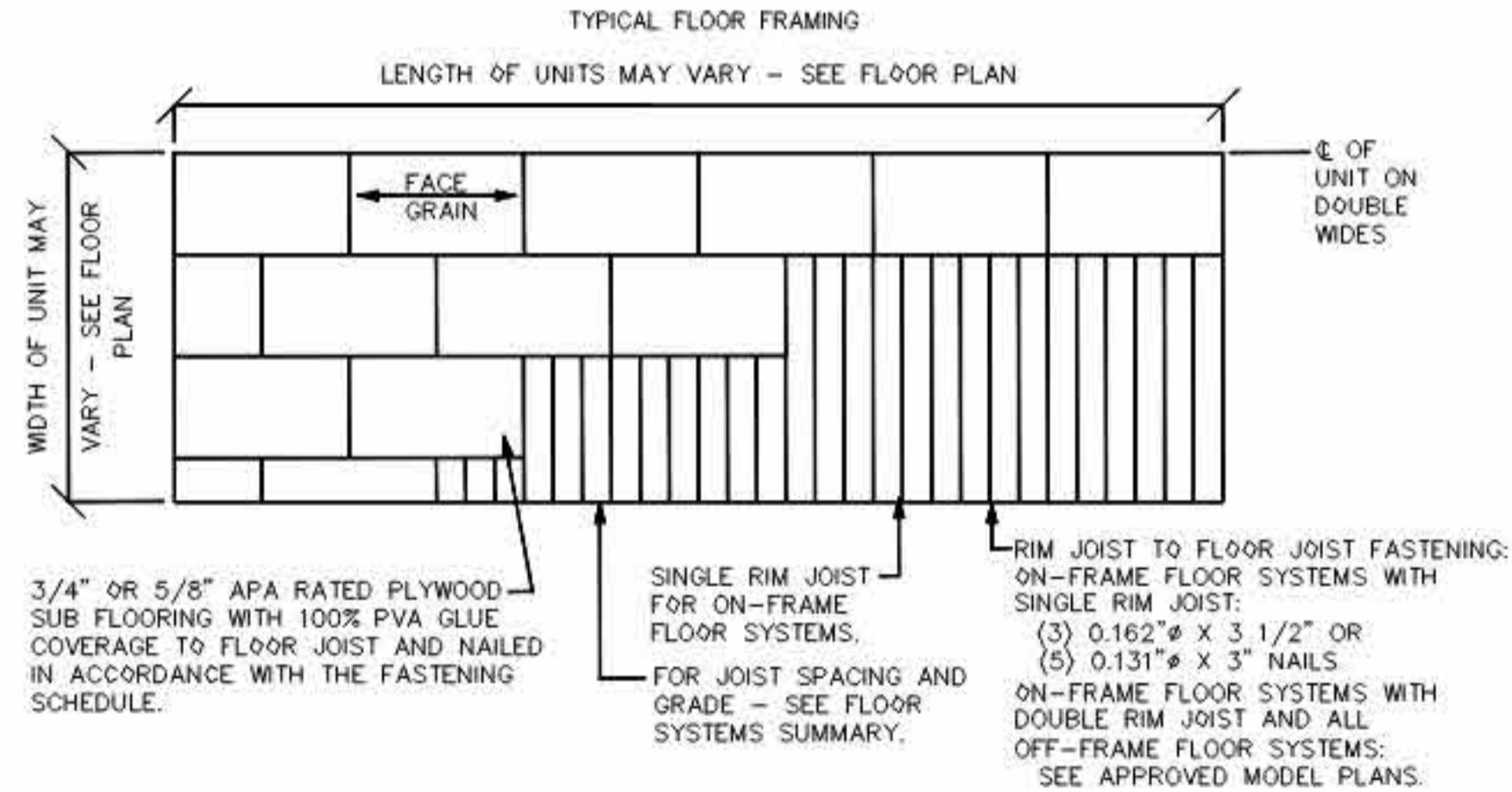
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1	2024-04-17	ISSUED FOR PERMIT			

PROJECT: 28x64 CLASSROOM		DRAWING TITLE: FLOOR & ROOF FRAMING PLAN		
CLIENT: ATCO STRUCTURES AND LOGISTICS		PROJECT NO: 1106442-A	DRAWING NO: SM101	REV. # 1

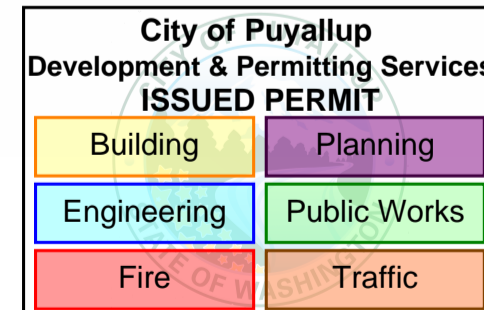
PRPF20250508



TYPICAL WALL FRAMING DETAILS



FLOOR DETAILS - SEE SHEET S-101 FOR FLOOR FRAMING



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PROJECT:  
28x64 CLASSROOM

CLIENT:  
ATCO STRUCTURES AND LOGISTICS

DRAWING TITLE:  
STRUCTURAL FOUNDATION DETAILS

PROJECT NO: 1106442-A	DRAWING NO: SM102	REV. # 1
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PRPF20250508