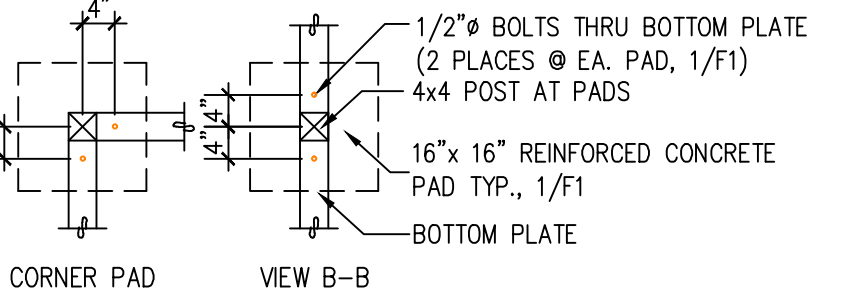
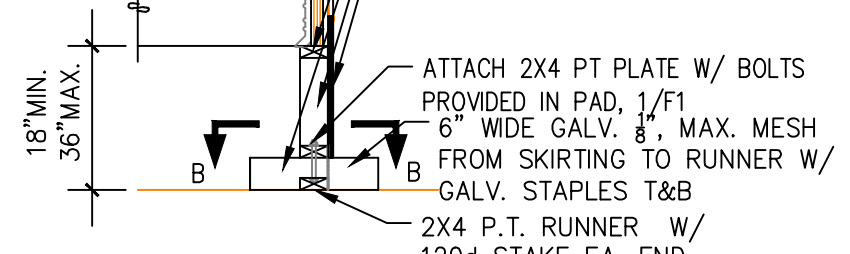


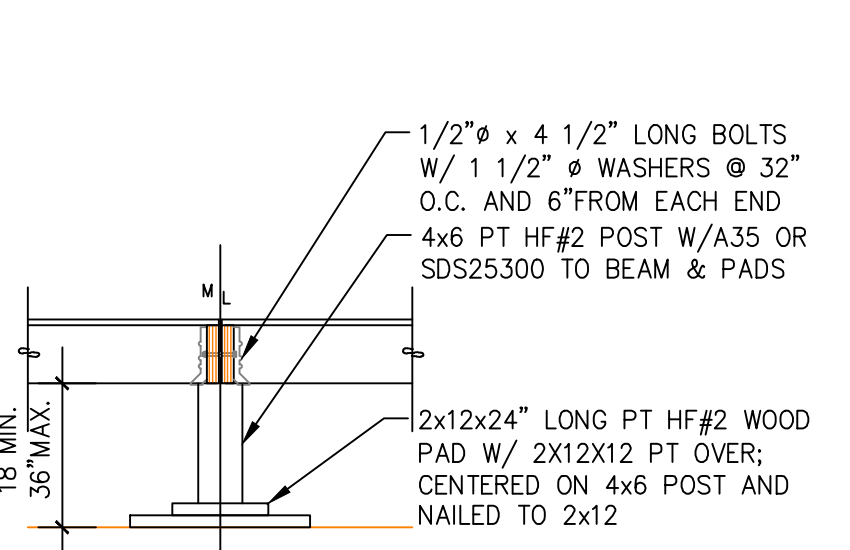
**1** PRECAST PAD DETAIL  
Scale: 1/2 = 1'-0"



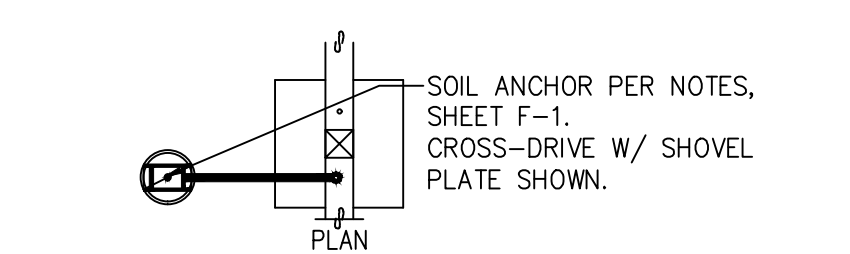
**2** EXTERIOR WALL DETAIL  
Scale: 1/2 = 1'-0"



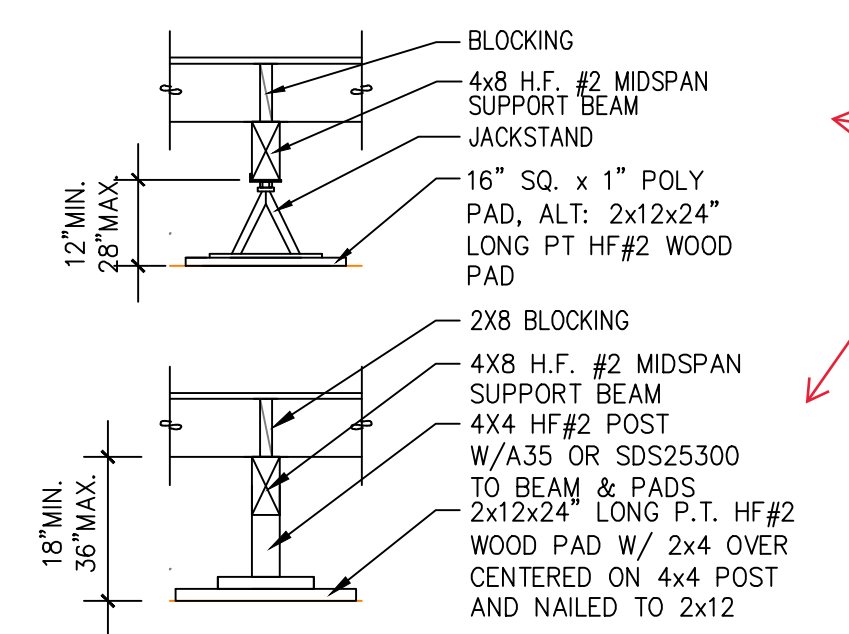
**3** M/L SUPPORT, STANDARD  
Scale: 1/2 = 1'-0"



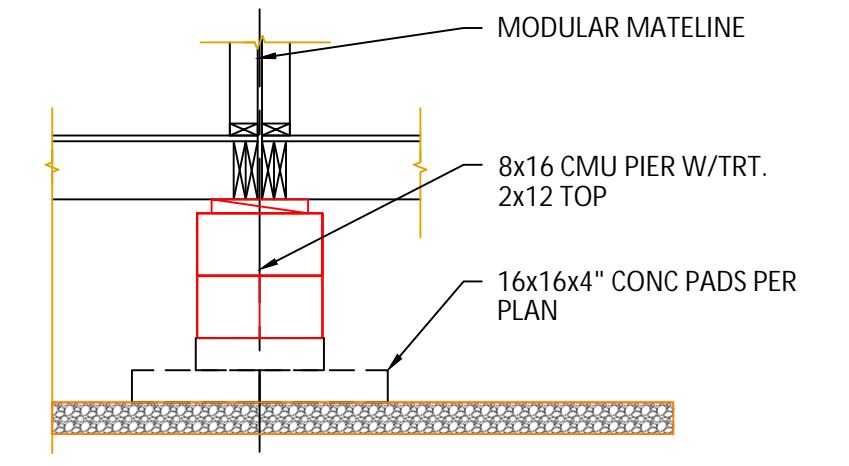
**4** ANCHOR DETAIL  
Scale: 1/2 = 1'-0"



**5** M/L EXT. COL. SUPPORT  
Scale: 1/2 = 1'-0"

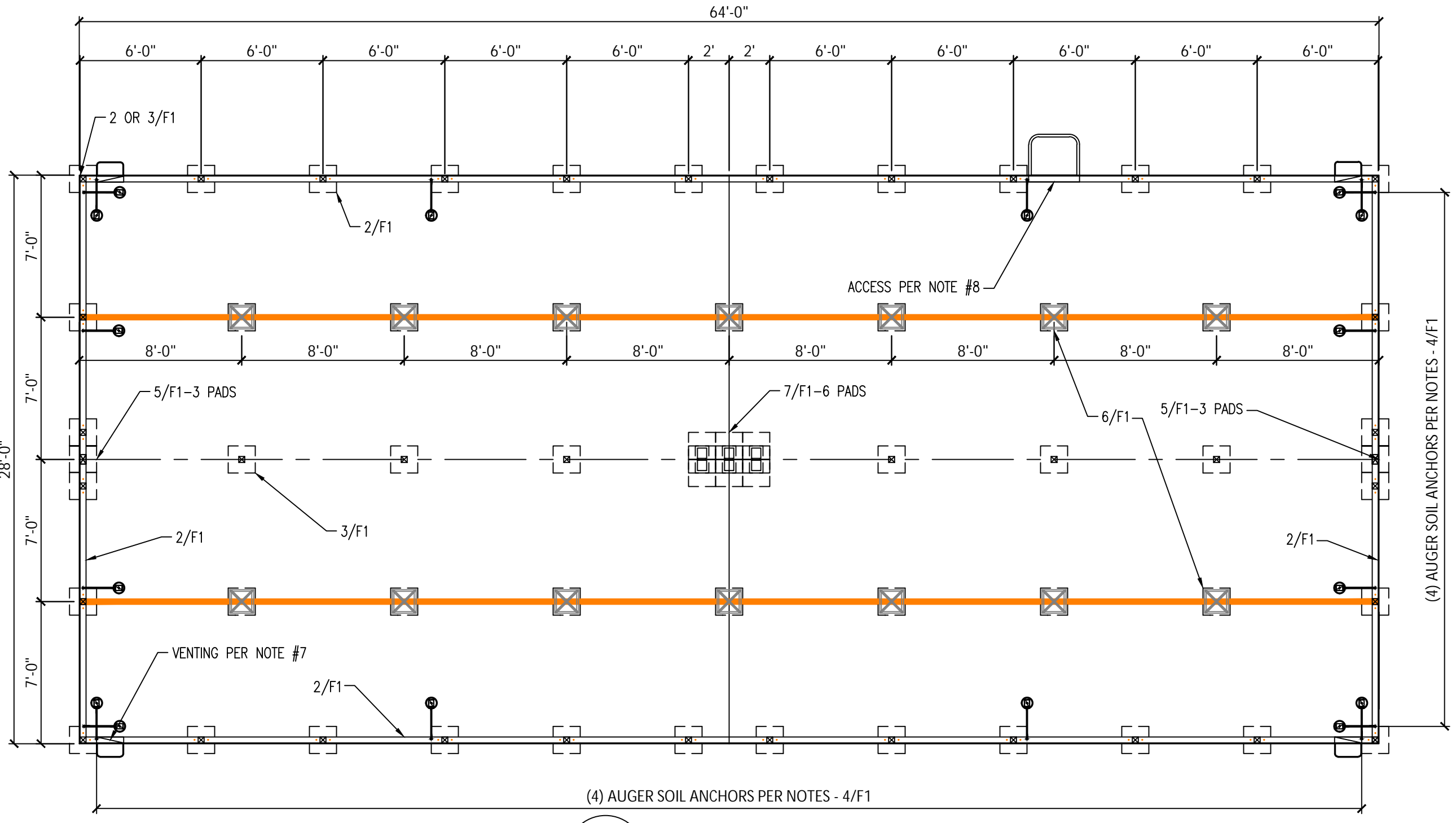


**6** MID-SPAN SUPPORT, STANDARD  
Scale: 1/2 = 1'-0"



**7** M/L POST SUPPORT, STANDARD  
Scale: 1/2 = 1'-0"

Alt Options



**1** FOUNDATION PLAN  
Scale: 3/16" = 1'-0"

This foundation plan is for the relocated existing portables **ONLY**

See Site Plan, Sheet A1.2, Partial Site Plan for with portables are existing relocated portables.

**STRUCTURAL NOTES: CLASSROOM**

1. GENERAL:
  - 1.1. MODULAR BUILDING MAY VARY BY MANUFACTURER. VERIFY DIMENSIONS AND OTHER CHARACTERISTICS PRIOR TO BEGIN OF FOUNDATION INSTALLATION. MINOR VARIATIONS OF DIMENSION DO NOT CHANGE THE FOUNDATION DESIGN AND INSTALLATION REQUIREMENTS.
  - 1.2. MODULAR BUILDING DESIGN CRITERIA ARE ESTABLISHED FOR GENERAL WORST CASE IN LARGE REGIONS. THESE FOUNDATION PLANS ARE DESIGNED FOR SMALLER MORE SPECIFIC DESIGN AREAS AND MAY NOT MATCH THE BUILDING DESIGN CRITERIA. MATCH THE FOUNDATION TO THE SPECIFIC SITE. BUILDING DESIGN MAY MATCH OR EXCEED FOUNDATION DESIGN CRITERIA.
2. DESIGN INFORMATION & LOADING:
  - 2.1. BUILDING CODE: IBC, 2018/2021, OSSC-2022, WBC-22
  - 2.2. RISK CATEGORY: II
  - 2.3. ROOF LIVE LOAD: 30 PSF SNOW
  - 2.4. FLOOR LIVE LOAD: 40 PSF OR 1,000# CONC.
  - 2.5. WIND CRITERION: 110 MPH, EXP C, Kz1=1.0
  - 2.6. SEISMIC CRITERION: Sds = 1.20, Is = 1.0, CATEGORY D
  - 2.7. SOIL BEARING: 1,500 PSF, SITE CLASS D
3. CONCRETE:
  - 3.1. DESIGN COMP STRENGTH: 2,500 PSI
  - 3.2. REINFORCING BAR YIELD: 60 KSI
4. MASONRY:
  - 4.1. 8x16x8 UNITS: ASTM C-90, GRADE N
  - 4.2. SET UNITS W/CORES VERTICAL & NO MORE THAN 3 HIGH, PER PLAN
5. WOOD:
  - 5.1. ALL WOOD MEMBERS OF THE FOUNDATION SYSTEM SHALL BE SPF-STD OR BETTER, UNLESS NOTED OTHERWISE.
  - 5.2. ALL WOOD IN CONTACT OR WITHIN 8-INCHES WITH SOIL SHALL BE PRESERVATIVE TREATED.
  - 5.3. CONNECTORS USED IN PRESERVATIVE TREATED WOOD MEMBERS SHALL BE STAINLESS STEEL OR HOT-DIPPED GALVANIZED TO THE GALVANIZING WEIGHT AS SPECIFIED IN ASTM A 153.
  - 5.4. SKIRTING IS NOT INTENDED TO BE A 'SHEAR WALL', RATHER A SKIN FOR ENCLOSURE OF THE CRAWLSPACE.
  - 5.5. PROVIDE 18" MIN. CLEARANCE FROM SOIL TO UNDERSIDE OF ANY UNTREATED WOOD MEMBER.
6. SPECIALTY ITEMS: 'MINUTE MAN' OR EQUAL, [www.minutemanproducts.com](http://www.minutemanproducts.com)
  - 6.1. METAL PIERS TO BE CAPABLE OF SUPPORTING 6,000#
  - 6.2. SOIL ANCHORS SHALL BE 'MINUTEMAN' IN CONFORMANCE WITH THE TYPE SPECIFIED BY THE MANUFACTURER FOR THE SITE SPECIFIC SOILS AND SHALL CONFORM TO THE FOLLOWING:
    - 6.2.1. DESIGN WORKING STRESS LOAD OF 3,150# W/ AN ULTIMATE STRENGTH LOAD OF 4,725#
    - 6.2.2. INSTALL GROUND PORTION OF THE ANCHOR PRIOR TO SETTING THE BUILDING. CONNECT ANCHOR TIES TO BUILDING ONLY AFTER BUILDING IS FULLY BLOCKED AND LEVELED.
    - 6.2.3. ANCHORS TO BE ONE OF THE FOLLOWING:
      - SOIL CLASS 1 (ROCK): 36-XDH
      - SOIL CLASS 2 (ASPHALT W/ GRAVEL BASE OR GRANULAR STRUCTURAL FILL): (1) GW2NU OR (2) 36-XDH
      - SOIL CLASS 3 (LOOSE SANDS & GRAVELS, STIFF SILTS & CLAYS): 92-4430-DH OR GW2NU AUGER-ANCHOR SET VERTICAL W/ 6" STABILIZER HEAD OR (2) 48-XDH DRIVEN ANCHORS, EA W/ SD2A STABILIZER PLATE.
      - SOIL CLASS 4 (LOOSE SANDS, FIRM CLAYS AND SILTS, ALLUVIAL FILLS): 93-4636-DH
    - 6.2.4. AUGER ANCHOR SET VERTICAL W/ 6" STABILIZER HEAD.
  - 6.3. INSTALL ALL SPECIALTY ITEMS PER THE MANUFACTURER'S RECOMMENDATIONS.
7. VENTING:
  - 7.1. INSTALL A CLASS I VAPOR RETARDER OVER THE CRAWLSPACE AREA TO EXTERIOR OF BUILDING.
  - 7.2. PROVIDE CRAWL SPACE VENTILATION PER IBC CODE AND LOCAL REQUIREMENTS AT 1 NET SF OF VENTILATION PER 1500 SF OF FLOOR AREA.
8. ACCESS:
  - 8.1. PROVIDE ACCESS TO THE UNDER FLOOR AREA PER THE IBC CODE.
  - 8.2. PROVIDE 18" MIN. CLEARANCE UNDER FROM SOIL TO UNDERSIDE OF ALL BUILDING STRUCTURE.
9. SITE CONDITIONS:
  - 9.1. FOUNDATION SUBGRADE TO BE 4-INCHES OF ROAD-MIX GRAVEL, STRUCTURAL FILL OVER UNDISTURBED NATIVE SOILS OR STRUCTURAL FILL.
  - 9.2. STRUCTURAL FILL TO BE COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY PER ASTM D-698.
  - 9.3. SLOPE FINISHED GRADE AWAY FROM THE BUILDING FOUNDATION AT A MIN. GRADE OF 2%.
10. SPECIAL STRUCTURAL INSPECTION (IBC CHAPTER 17):
  - 10.1. NO SPECIAL STRUCTURAL INSPECTION IS REQUIRED

Washington State Building Code Per 2304.12.1.1 Wood joists or wood structural floors that are closer than 18 inches (457 mm) or wood girders that are closer than 12 inches (305 mm) to the exposed ground in crawl spaces or unexcavated areas located within the perimeter of the building foundation shall be of naturally durable or preservative-treated wood.

This is what we are using

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

Building	Planning
Engineering	Public Works
Fire	Traffic

**City of Puyallup**  
Building  
**REVIEWED FOR COMPLIANCE**

SKinnear  
11/05/2024  
1:49:35 PM

RENEWS 9/27/2023

PRPF20241230

**ATCO**

KCDA STYLE BUILDING  
28'x64' MODULAR CLASSROOM  
40 PSF-RL, 120C-WLL  
SHEARWALL FOUNDATION  
PLAN - ELEVATION - NOTES

DRG NO: 23050124-F1-1  
SCALE: AS SHOWN  
DATE: MARCH 2023

REVISION DATE: 3-24-2023

**F1**

SHEET: 1 OF 1  
ATCO - BEN TUCKER