

STRUCTURAL NOTES

I. GENERAL:

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

2. DESIGN INFORMATION & LOADING:

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

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.

3. ABS PADS :

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

4. MASONRY:

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

5. WOOD:

- ALL WOOD MEMBERS OF THE FOUNDATION SYSTEM SHALL BE SPF-STD OR BETTER, UNLESS NOTED OTHERWISE.
- ALL WOOD IN CONTACT WITH SOIL, ASPHALT, MASONRY, OR CONCRETE SHALL BE PRESSURE TREATED (P.T.), FOR EXPOSURE.
- ALL WOOD WITHIN 6-INCHES OF SUBGRADE TO BE TREATED FOR EXPOSURE AND INSECTS.
- CONNECTORS IN CONTACT WITH P.T. WOOD TO BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL CONNECTORS.

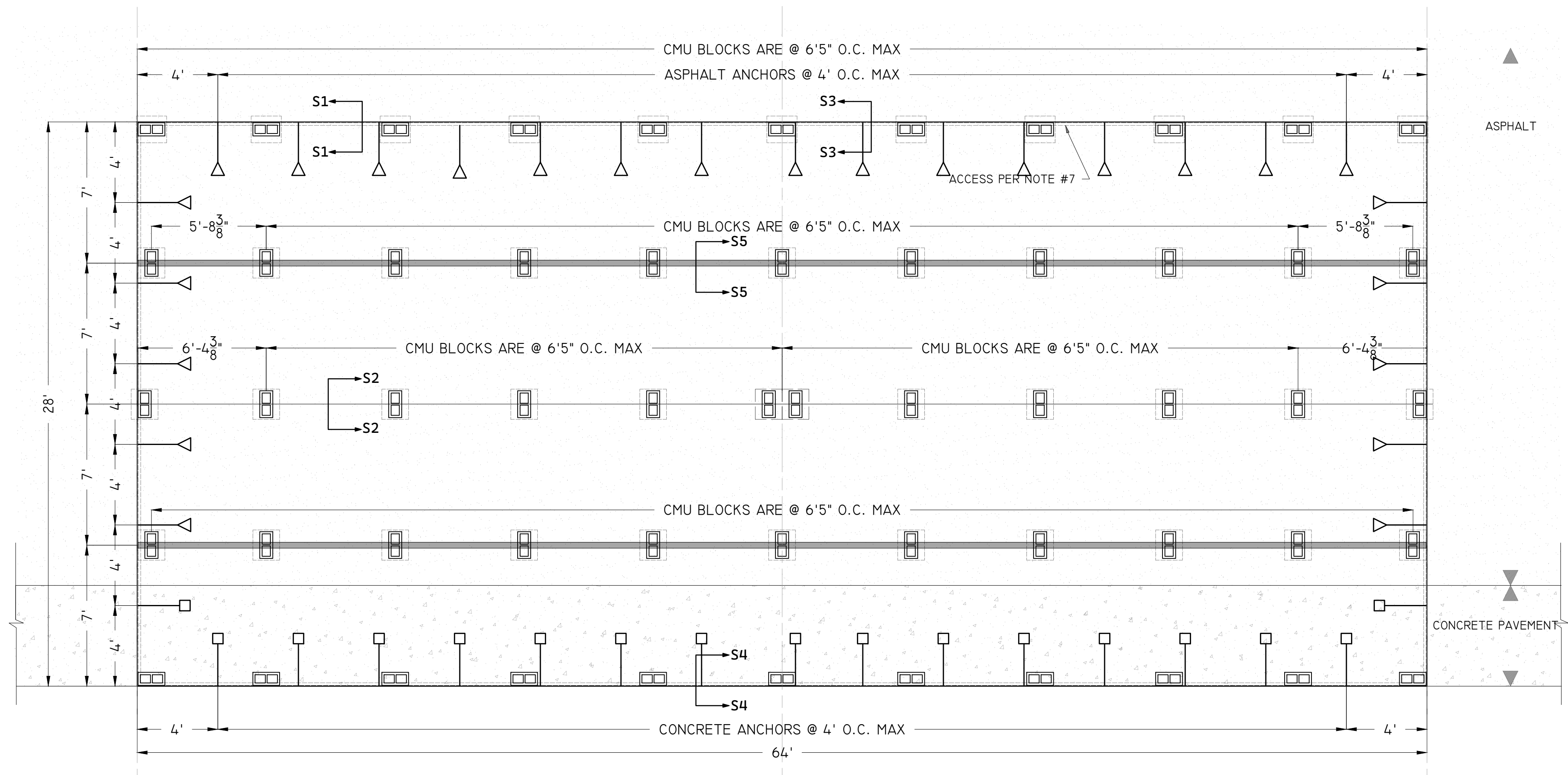
6. SPECIALTY ITEMS:

- TRANSVERSE AND LONGITUDINAL ANCHORS TO BE ASPHALT ANCHOR- TIE DOWN ENGINEERING PRODUCT# 59367 OR EQUIVALENT MIN 1889 LB. CONCRETE ANCHOR W/ HILTI KBTZ 2-1/2" DIA X 4-1-2"x3.25" MIN. ANCHOR EMBED.
- COMPLETE FINAL ADJUSTMENT OF TIES TO BUILDING ONLY AFTER BUILDING IS FULLY BLOCKED AND LEVELED.
- INSTALL ALL SPECIALTY ITEMS PER THE MANUFACTURER'S RECOMMENDATIONS.

7. ACCESS:

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

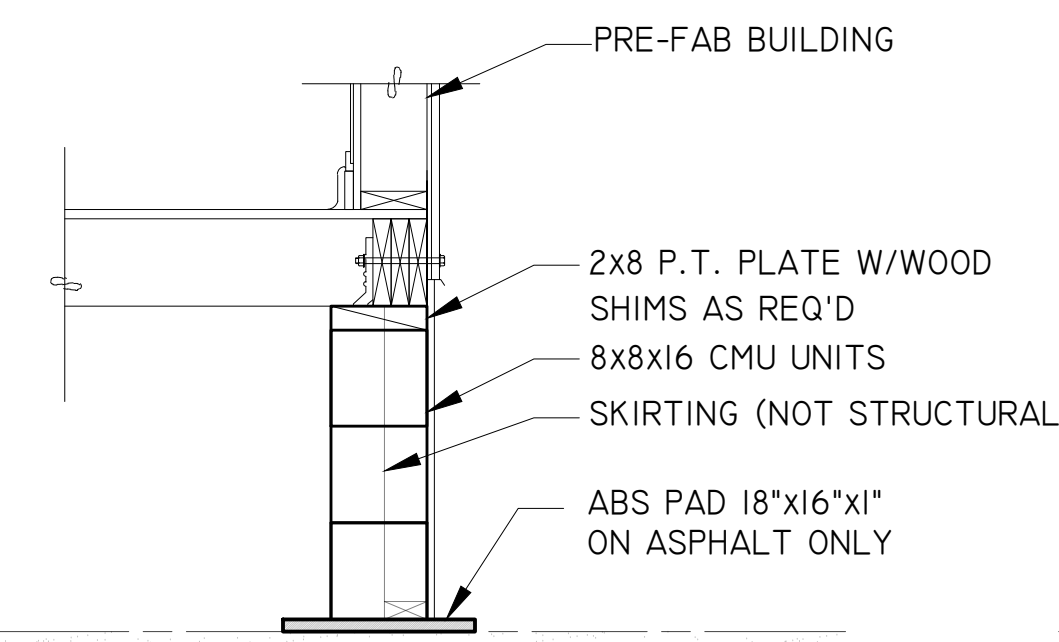
ANCHORS:



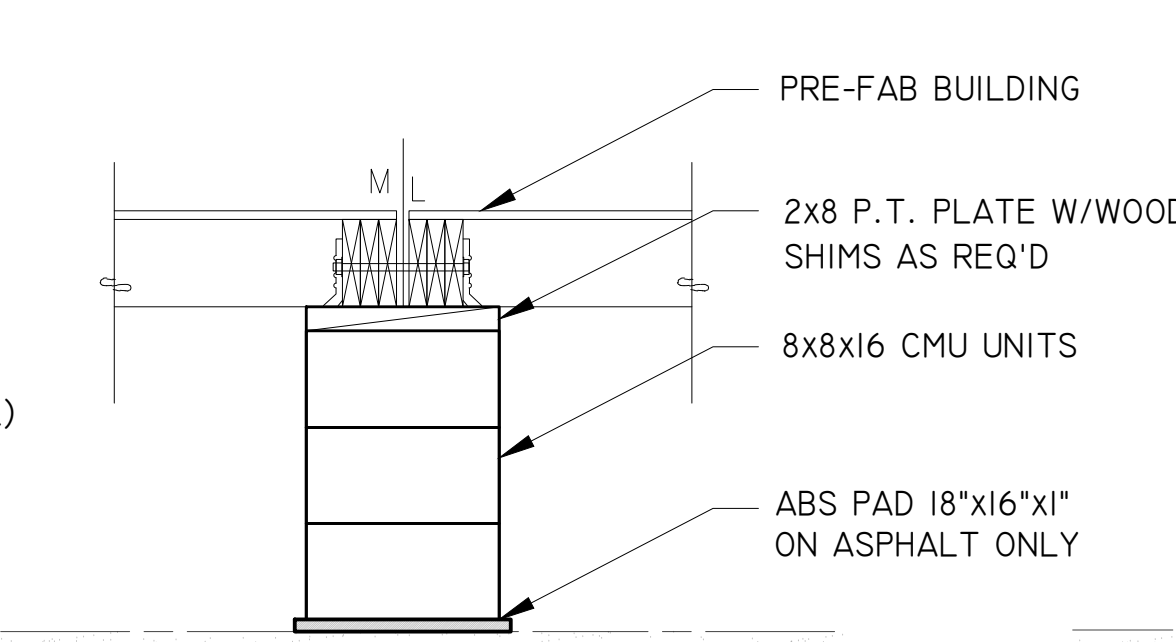
S 28X64 CLASSROOM - FOUNDATION PLAN
1/4" = 1'-0"

LEGEND

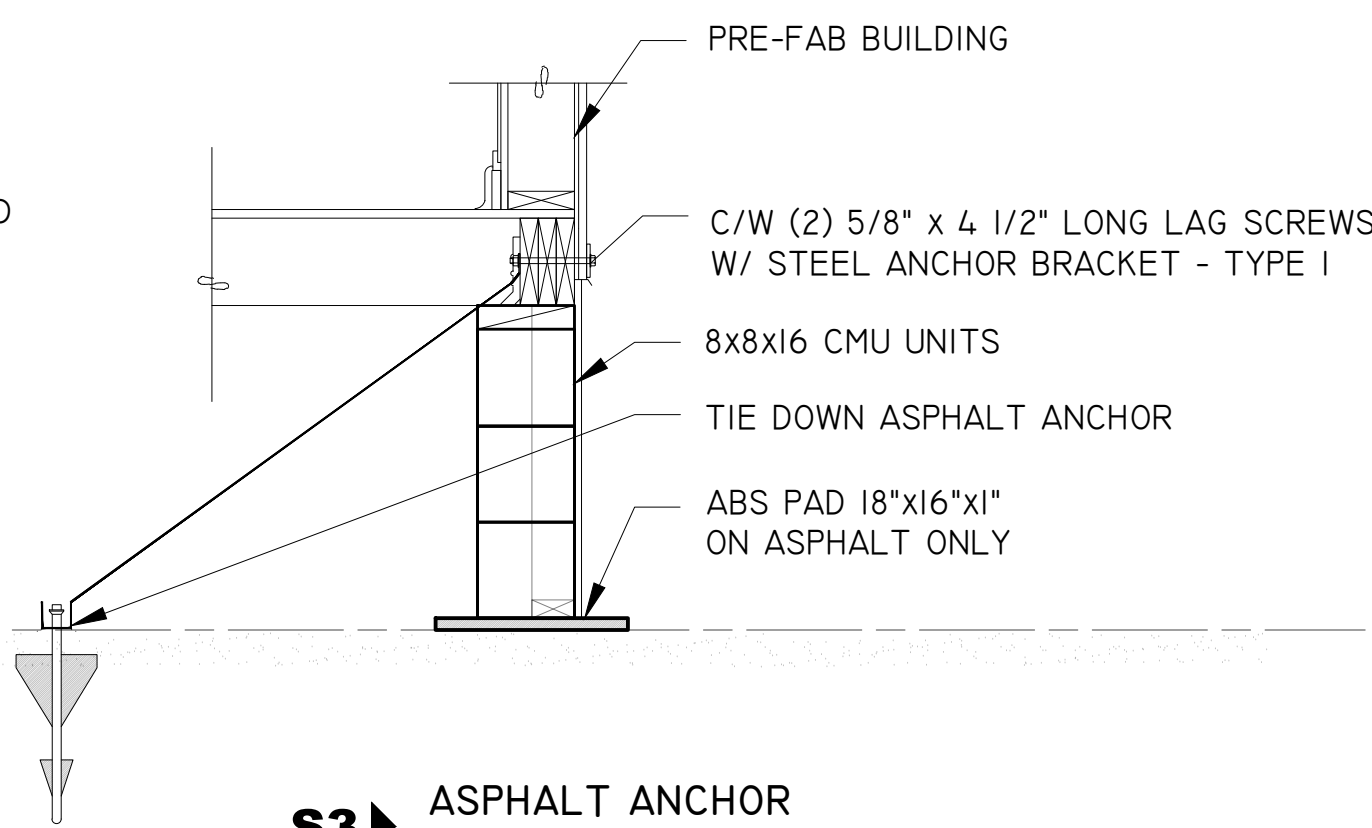
- ▶ ASPHALT ANCHOR REF: FIGURE 1
- ◻ CONCRETE ANCHOR REF: FIGURE 2



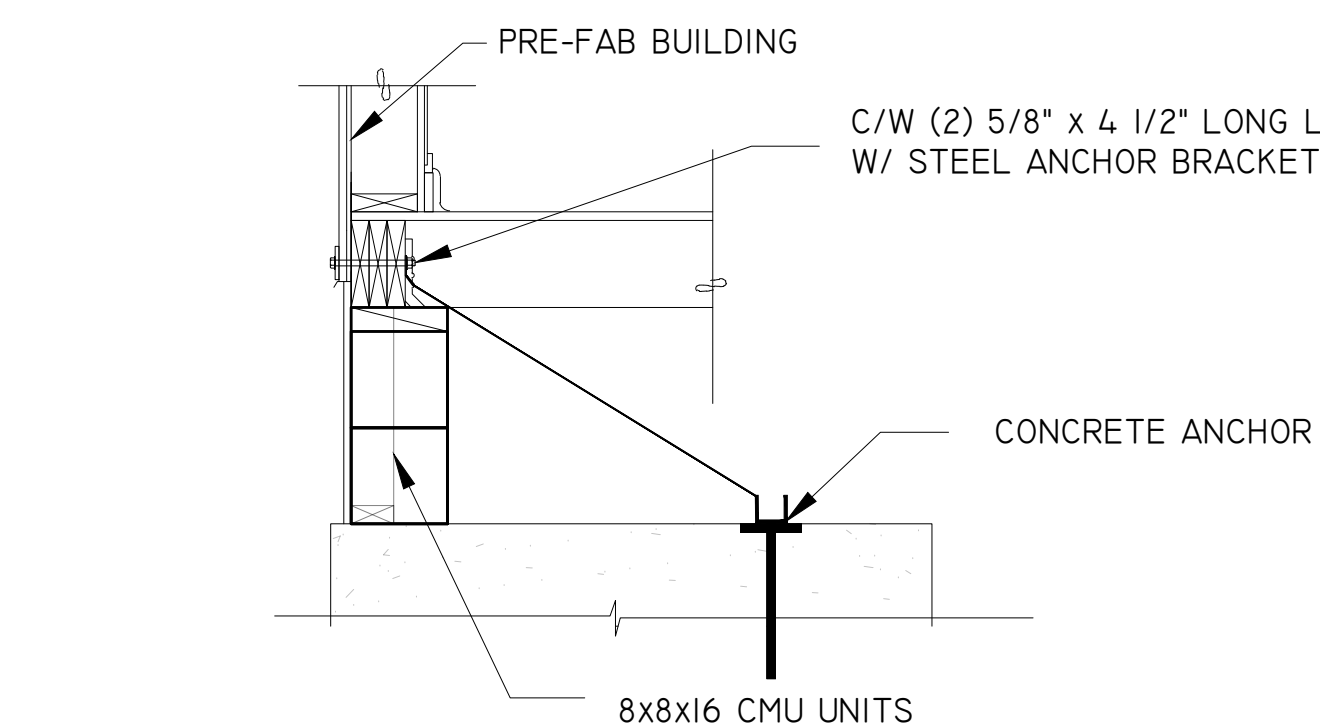
S1 PERIMETER SUPPORT
3/4" = 1'-0"



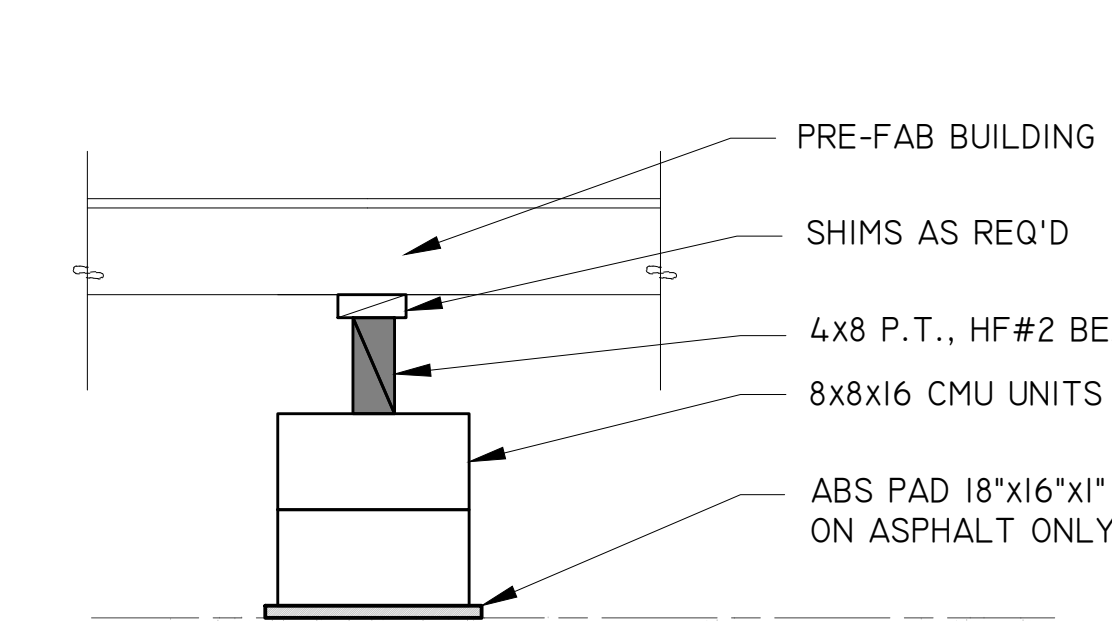
S2 MATELINE SUPPORT
3/4" = 1'-0"



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



S4 CONCRETE ANCHOR
3/4" = 1'-0"



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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PRPF20241231

City of Puyallup
Building
REVIEWED FOR COMPLIANCE
SKinnear
12/17/2024
2:42:00 PM

STAMP

10/04/24

REV NOTES

© ATCO STRUCTURES & LOGISTICS 2024

REV	DESCRIPTION	MM/DD/YY
0	IFC	09/26/24
1	DESCRIPTION	

ORIGINATOR: AD CHECKER: BV APPROVER: SJ

ATCO

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

PROJECT
CASCADE CHRISTIAN SCHOOL

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

DRAWING TITLE
FOUNDATION DETAILS

SHEET NO.
F1