

NOTICE TO CONTRACTOR
 All construction must comply with current NC Building Code and is subject to final inspection and verification.

APPROVED
 United building only review
 Permit holder responsible for full compliance with the code

08/10/2023

GENERAL NOTES

DESIGN SOIL BEARING PRESSURE IS 1,500 PSF. FOOTINGS SHALL BEAR ON STIFF, UNDISTURBED SOIL, OR ENGINEERED FILL.

CONCRETE WORK SHALL CONFORM TO THE RECOMMENDATIONS OF ACI-301, LATEST EDITION.

REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.

ALL CONCRETE SHALL BE 4,000 PSI AT 28 DAYS, EXCEPT FOOTINGS, WHICH MAY BE 3,000 PSI AT 28 DAYS. EXTERIOR PAVING SLABS AND SIDEWALKS SHALL CONTAIN 4% TO 6% AIR ENTRAINMENT.

REINFORCING STEEL SHALL BE ASTM A615 OR A616, GRADE 60.

ANCHOR BOLTS SHALL BE ASTM F1554, OR A-36 THREADED ROD.

STRUCTURAL STEEL WORK SHALL CONFORM TO THE RECOMMENDATIONS OF THE AISC.

ALL DIMENSIONS RELATED TO THE METAL BUILDING SHALL BE VERIFIED AGAINST THE EXISTING PRE-ENGINEERED METAL BUILDING FRAME THAT IS BEING REINSTALLED ON THIS FOUNDATION. THE EXISTING STRUCTURE HAS BEEN ANALYZED GIVEN THE CURRENT SITE PARAMETERS AND CURRENT BUILDING CODE AND MEETS THE CODE REQUIREMENTS. OWNER IS RESPONSIBLE FOR INSPECTING THE CONDITION OF THE FRAME AND ENSURING THAT ALL FRAME COMPONENTS ARE RE-INSTALLED.

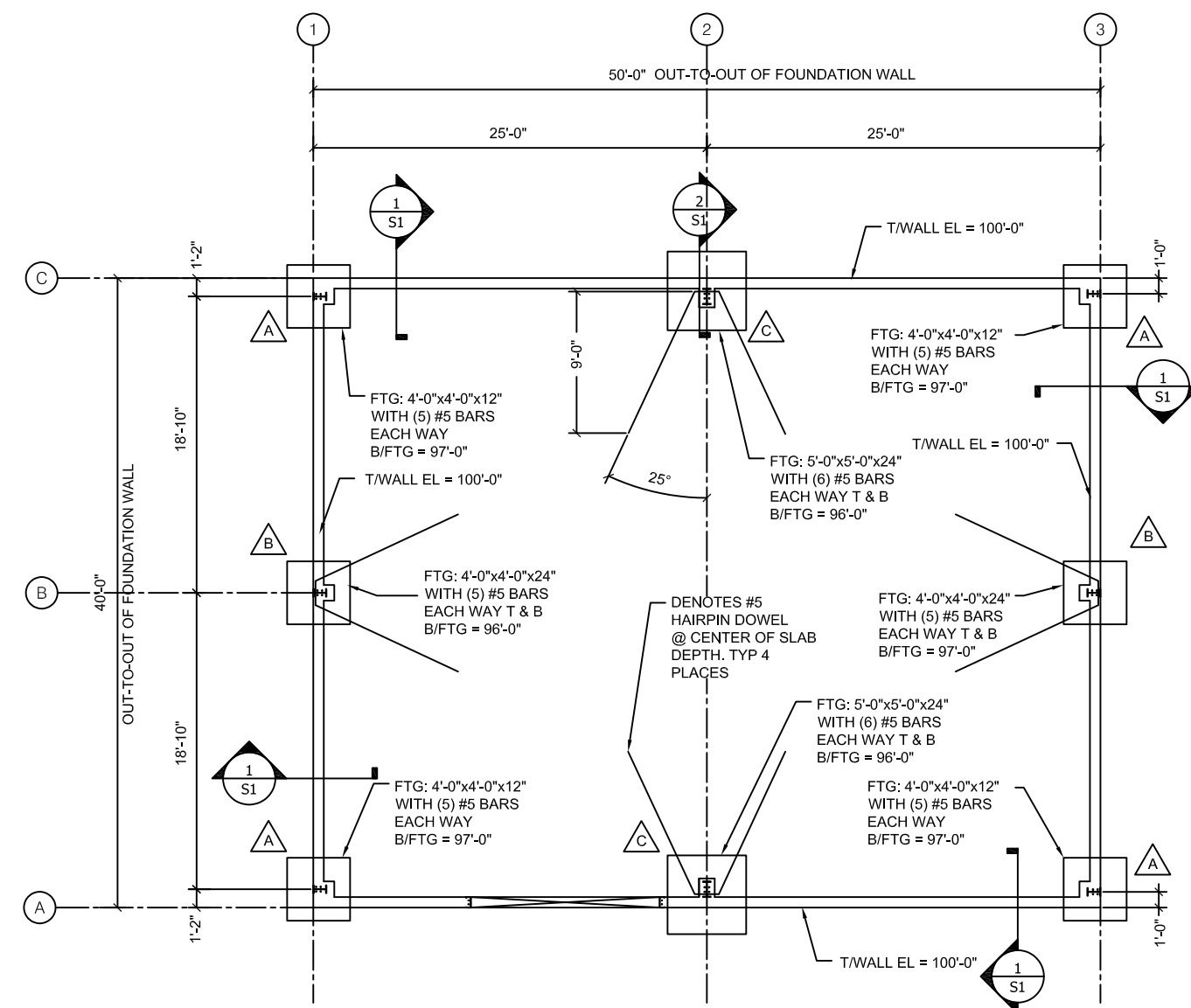
ALL STRUCTURAL STEEL FRAMES ARE NON-SELF-SUPPORTING. PROVIDE TEMPORARY BRACING UNTIL ROOF FRAMING IS IN PLACE, BRACING INSTALLED, AND ALL CONNECTIONS ARE COMPLETE.

REVIEW-SUBMITTALS SHALL BE MADE IN A TIMELY FASHION FOR THE FOLLOWING ITEMS:
 CONCRETE MIX DESIGN (PER ACI-301 FIELD-EXPERIENCE OR TRIAL-BATCH METHODS),
 REINFORCING STEEL IN CONCRETE.

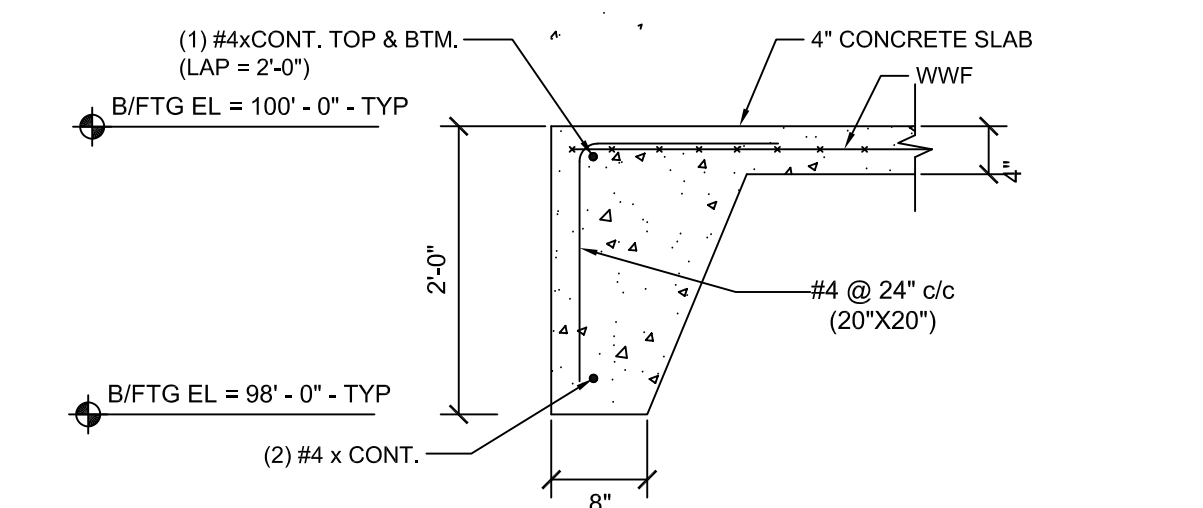
DESIGN LOADS FOR 2018 NORTH CAROLINA BUILDING CODE

PER: MBMA / AISC / AISI / LGSJ
 ROOF LIVE LOAD = 20 PSF
 COLLATERAL ROOF DEAD LOAD = 3.0 PSF
 SNOW LOAD = 15 PSF $I = 1.0$ $P_f = 10$ PSF

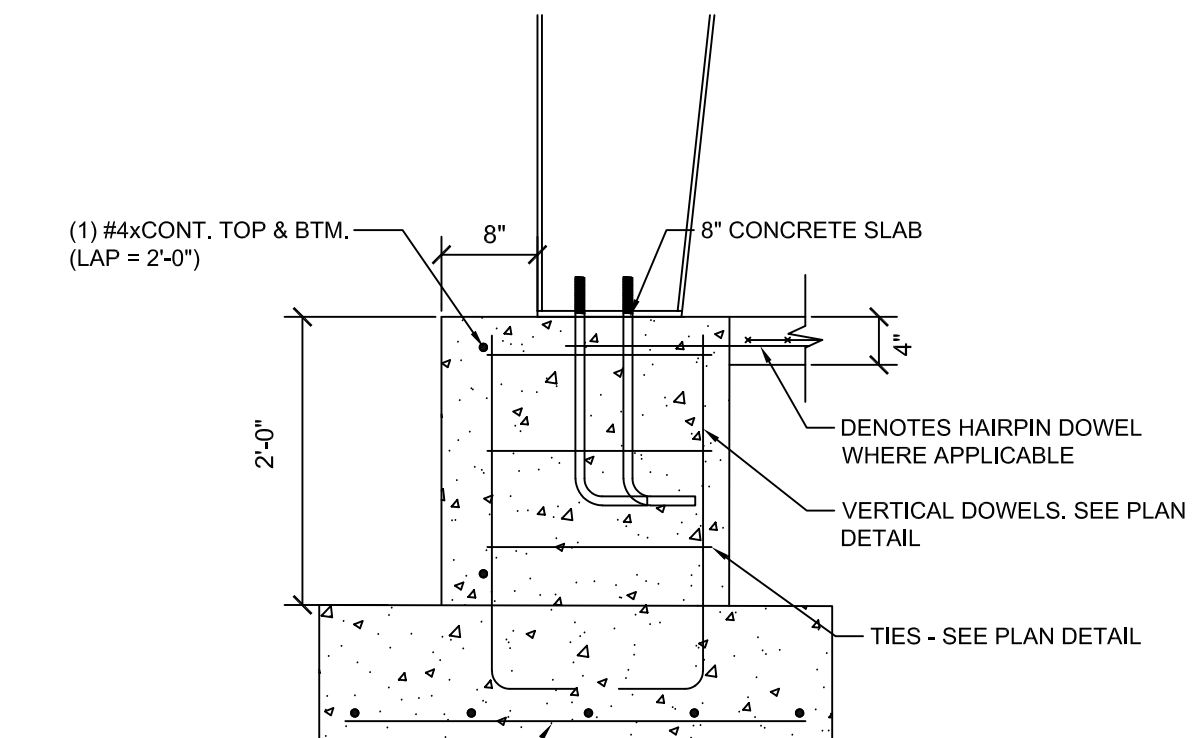
WIND LOAD: "ENCLOSED BUILDING" 118 MPH EXPOSURE "B"
 MWFS $P_{MAX} = 22.0$ PSF (WLL)
 C & C (>100 sf) $P_{MAX} = 26.0$ PSF (WLL)
 SEISMIC DATA (ELF) OCC.CAT.III $R = 3.5$ $C_u = 3.0$ $C_w = 0.041$
 SITE CLASS "D" $S_s = 0.133$ $S_{M1} = 0.142$
 $S_1 = 0.065$ $S_{M2} = 0.105$
 SEISMIC FORCE RESISTING SYSTEM - STEEL SYSTEM NOT SPECIFICALLY DESIGNED FOR SEISMIC RESISTANCE
 DESIGN CATEGORY "B" BASE SHEAR = 4.0 K
 WIND LOAD CONTROLS LATERAL RESISTING SYSTEM DESIGN



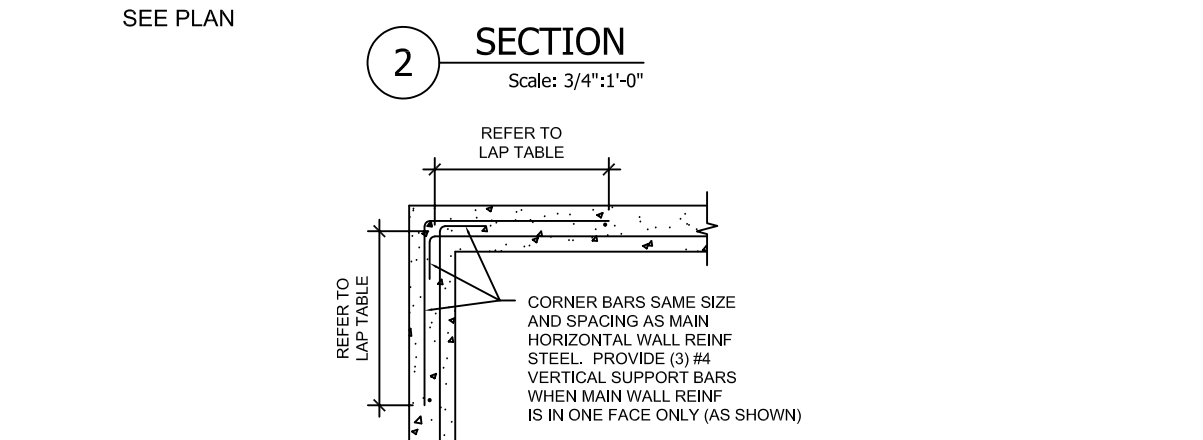
FOUNDATION PLAN
 Scale: 3/32"=1'-0"



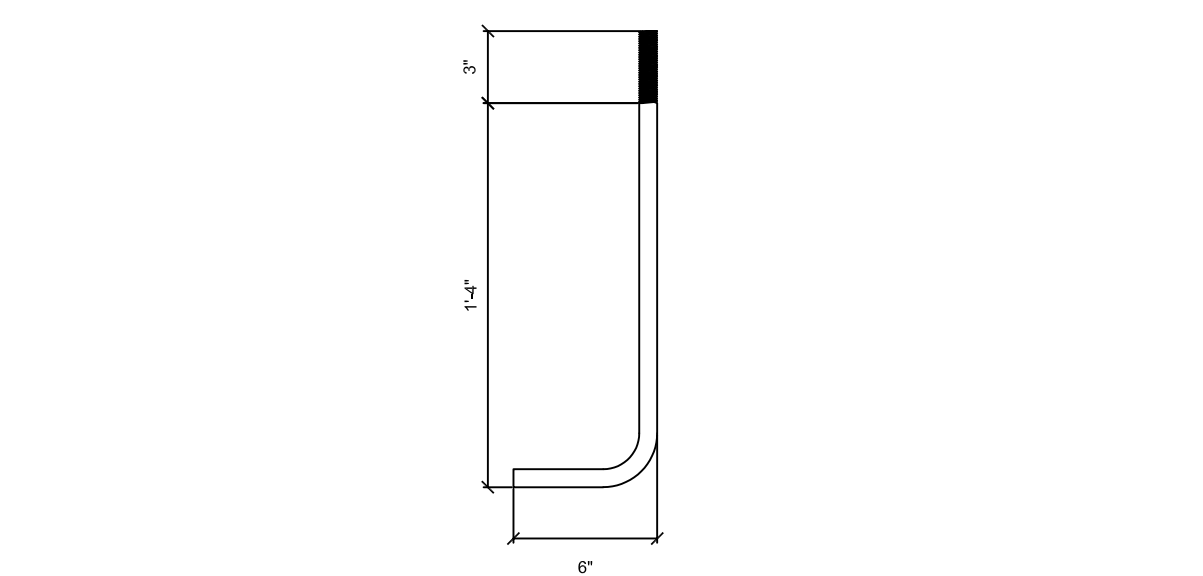
SECTION 1
 Scale: 3/4"=1'-0"



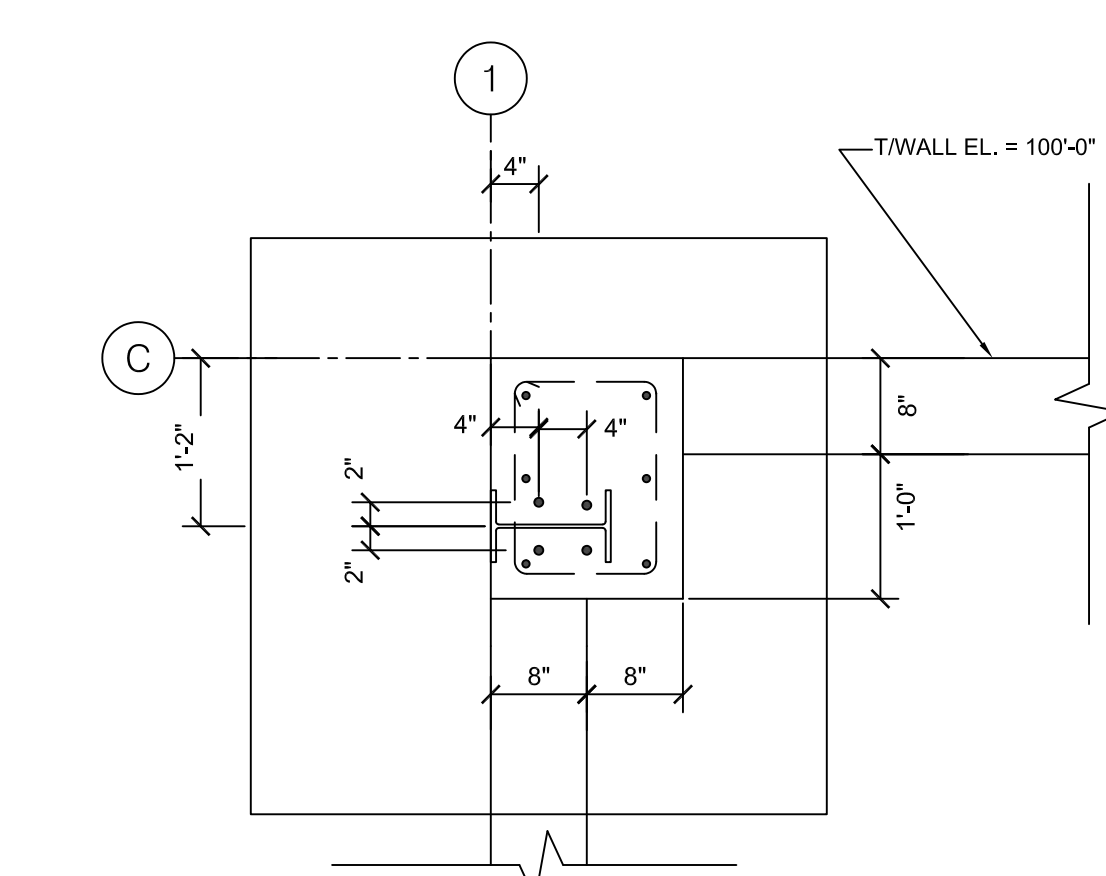
SECTION 2
 Scale: 3/4"=1'-0"



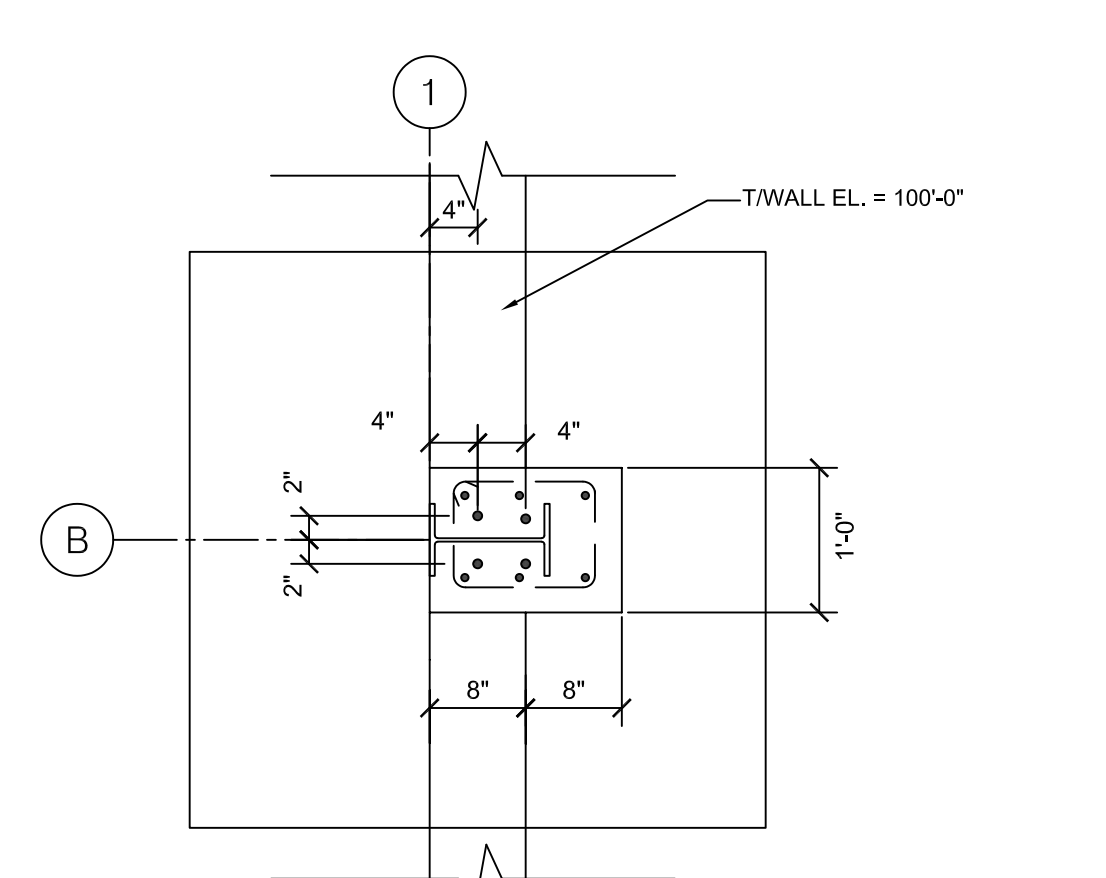
TYPICAL CORNER DETAIL



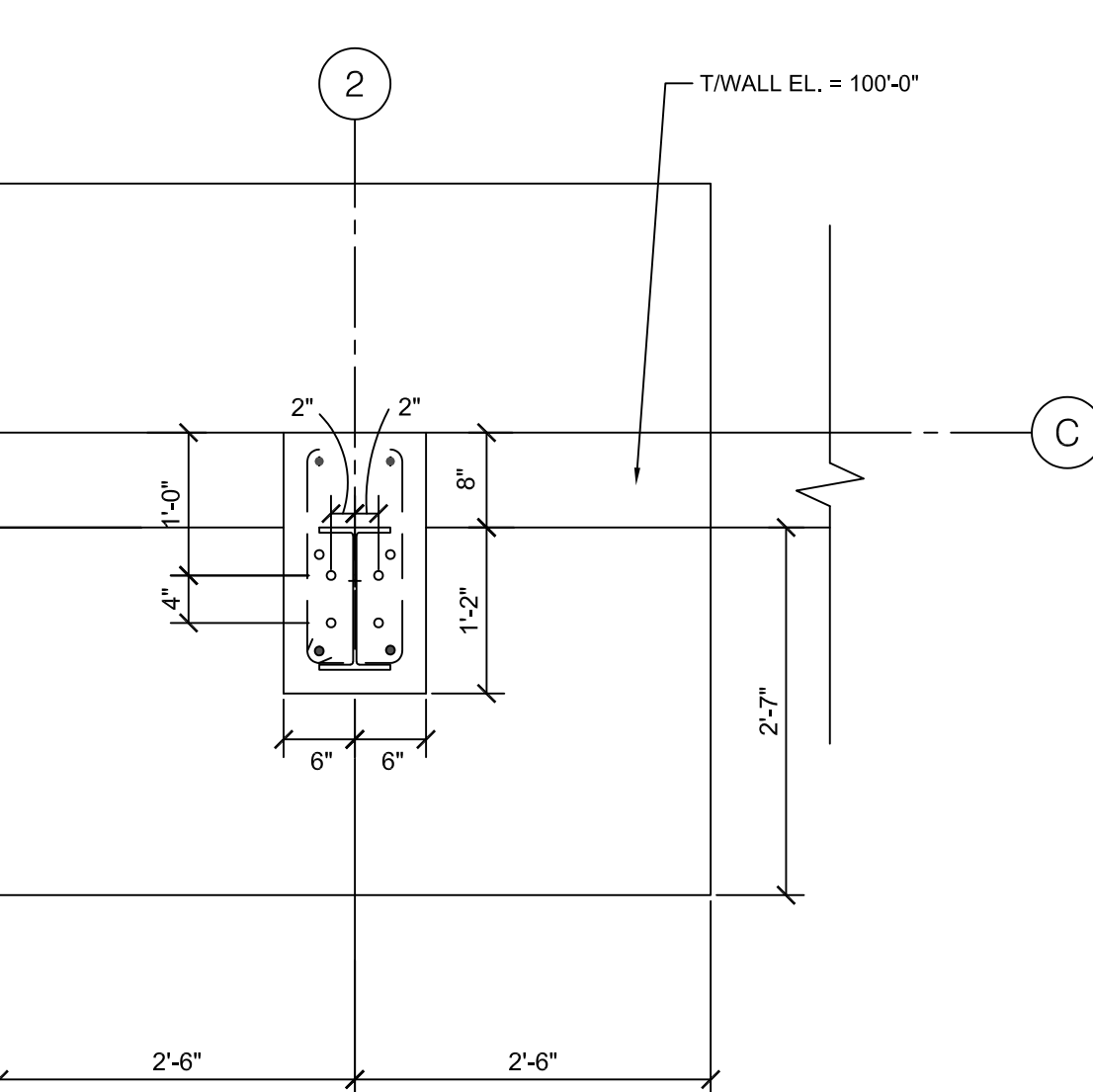
TYPICAL ANCHOR BOLT DETAILS
 Scale: 1/2"=1'-0"



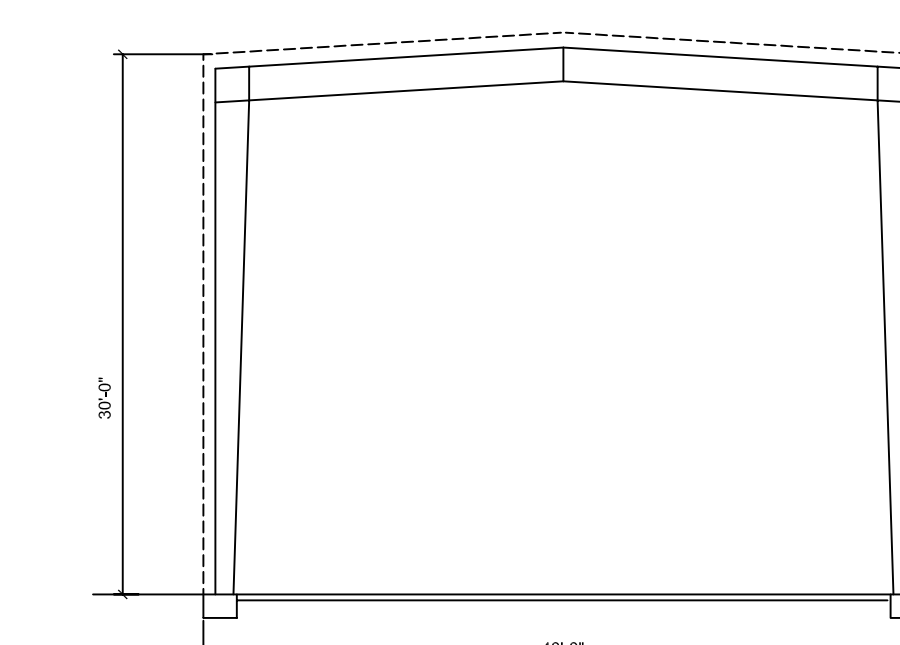
PEDESTAL A
 Scale: 3/4"=1'-0"



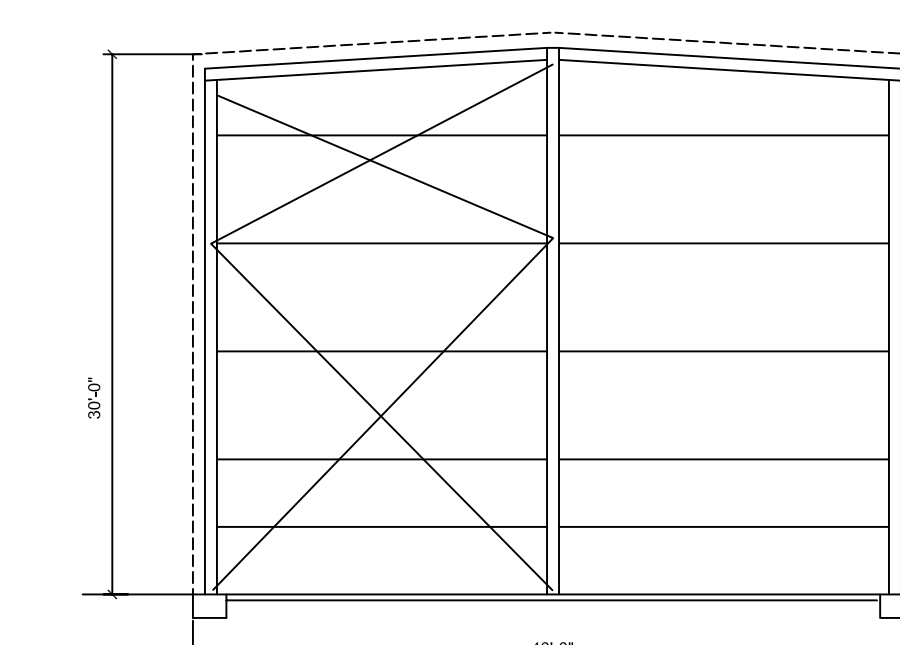
PEDESTAL B
 Scale: 3/8"=1'-0"



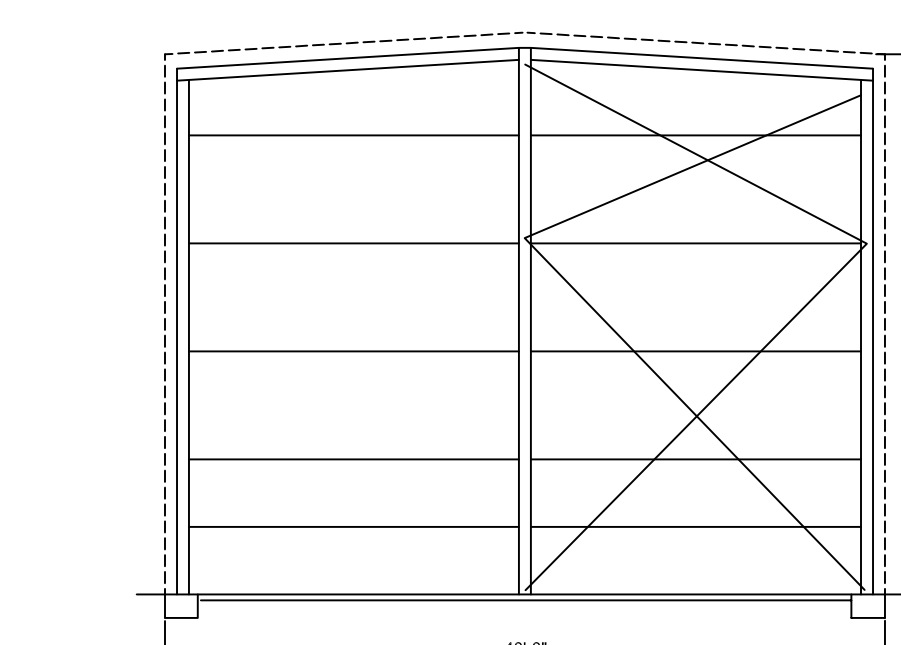
PEDESTAL C
 Scale: 3/8"=1'-0"



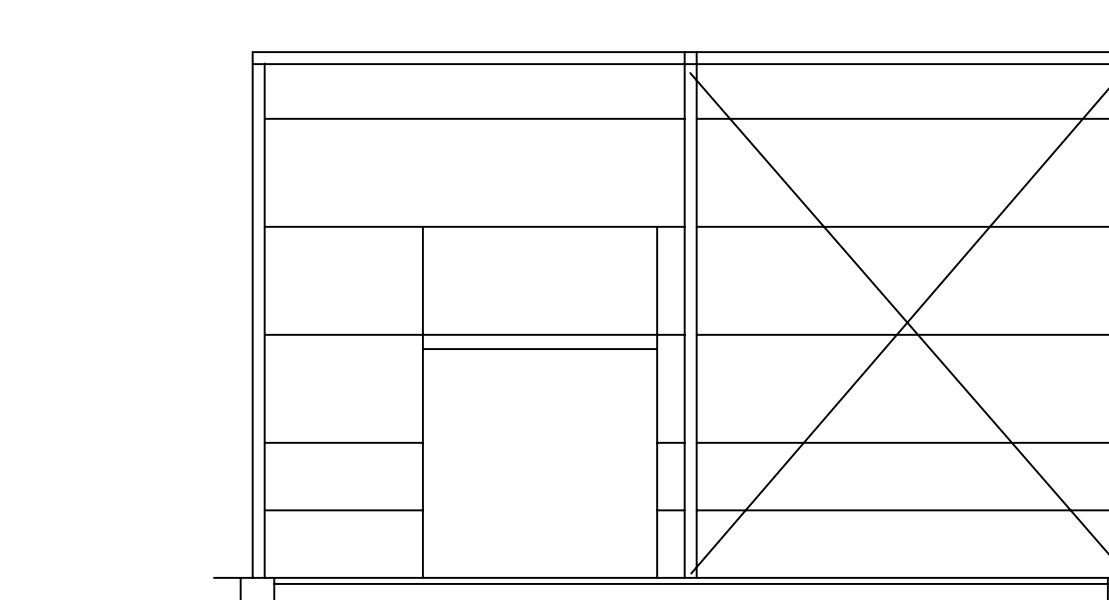
MAIN FRAME SECTION
 Scale: 3/32"=1'-0"



END WALL FRAME LINE 1
 Scale: 3/32"=1'-0"

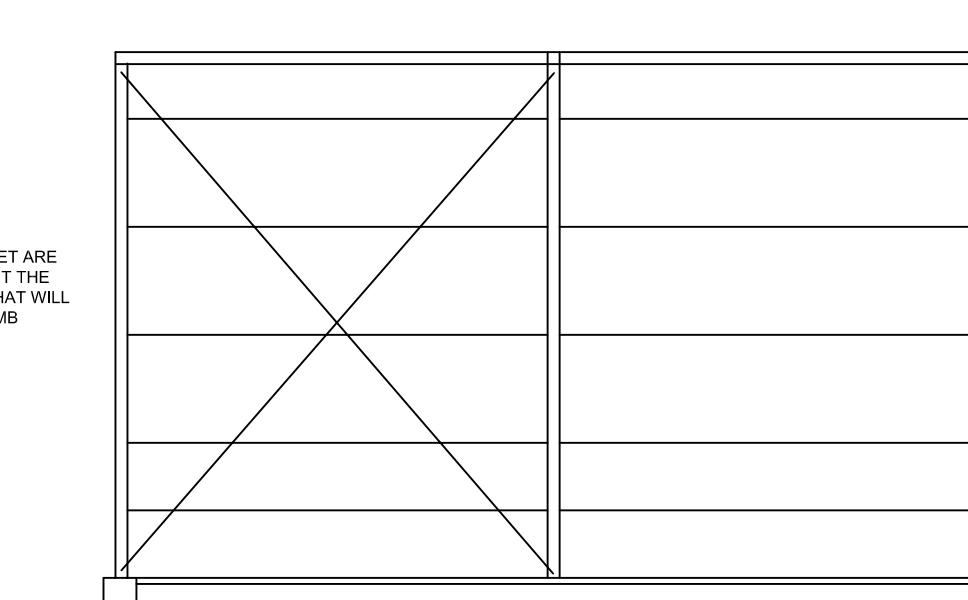


END WALL FRAME LINE 1
 Scale: 3/32"=1'-0"



SIDEWALL FRAMING - LINE A
 Scale: 3/32"=1'-0"

NOTE: FRAMING DETAILS THIS SHEET ARE FOR GENERAL INFORMATION ABOUT THE CONFIGURATION OF THE FRAME THAT WILL BE RE-INSTALLED ON THE NEW PEMB FOUNDATION.



SIDEWALL FRAMING - LINE C
 Scale: 3/32"=1'-0"

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 Structural Engineers
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PEMB Foundation
JOSH YEOMAN
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SHEET TITLE
 GENERAL
 NOTES,
 PLANS,
 AND
 DETAILS

MAY 17, 2022

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