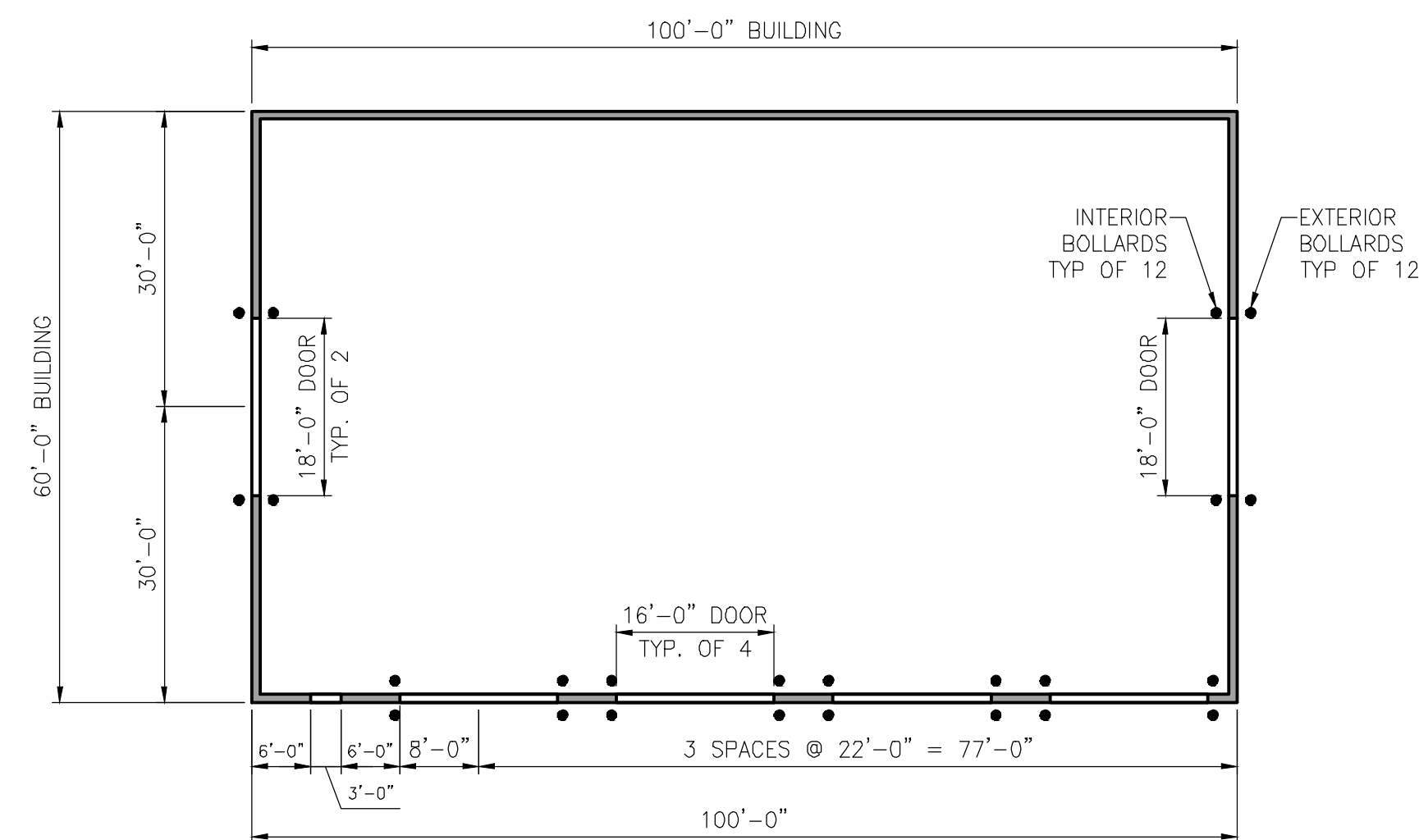
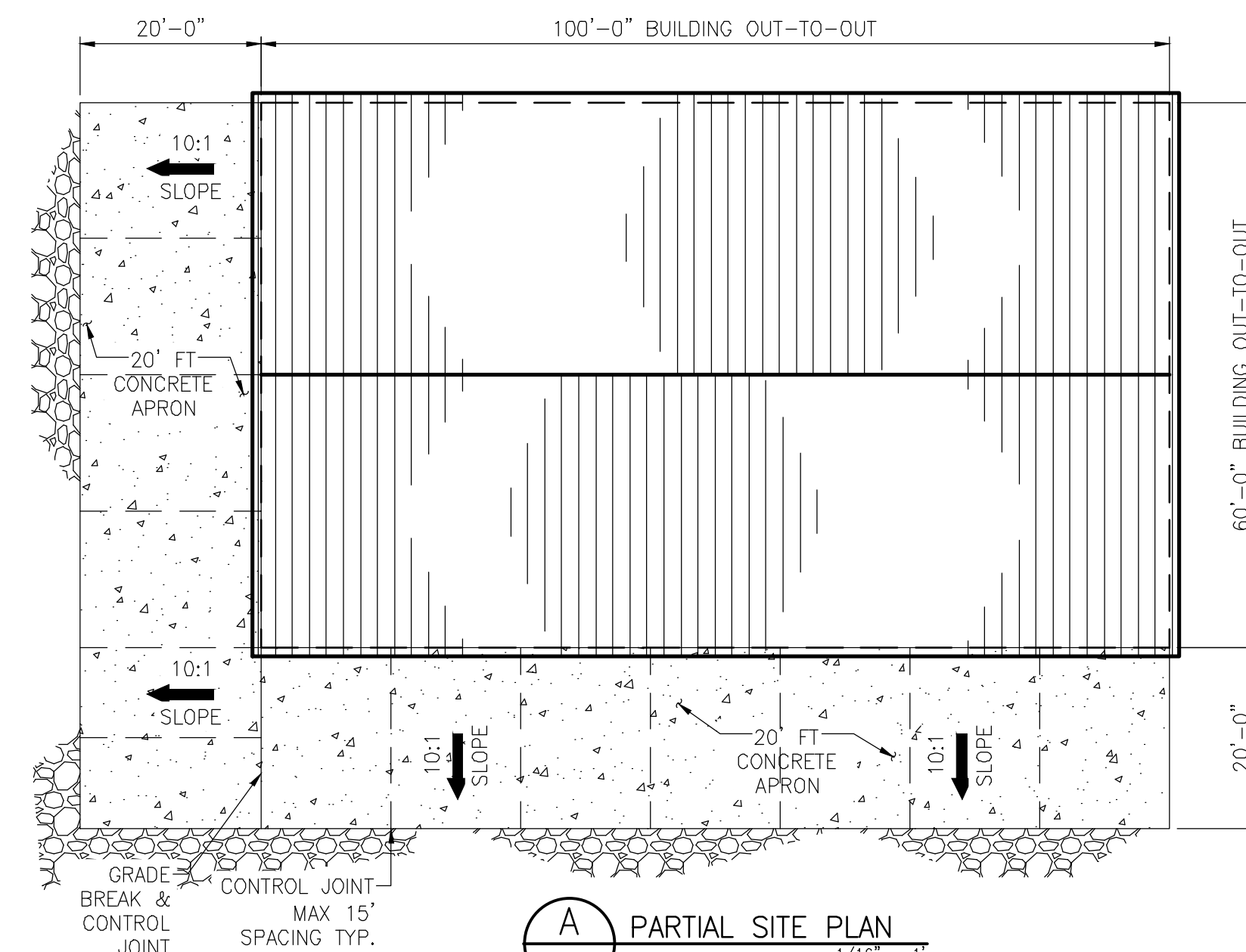


C STORAGE BUILDING ROOF PLAN
1/16" = 1'



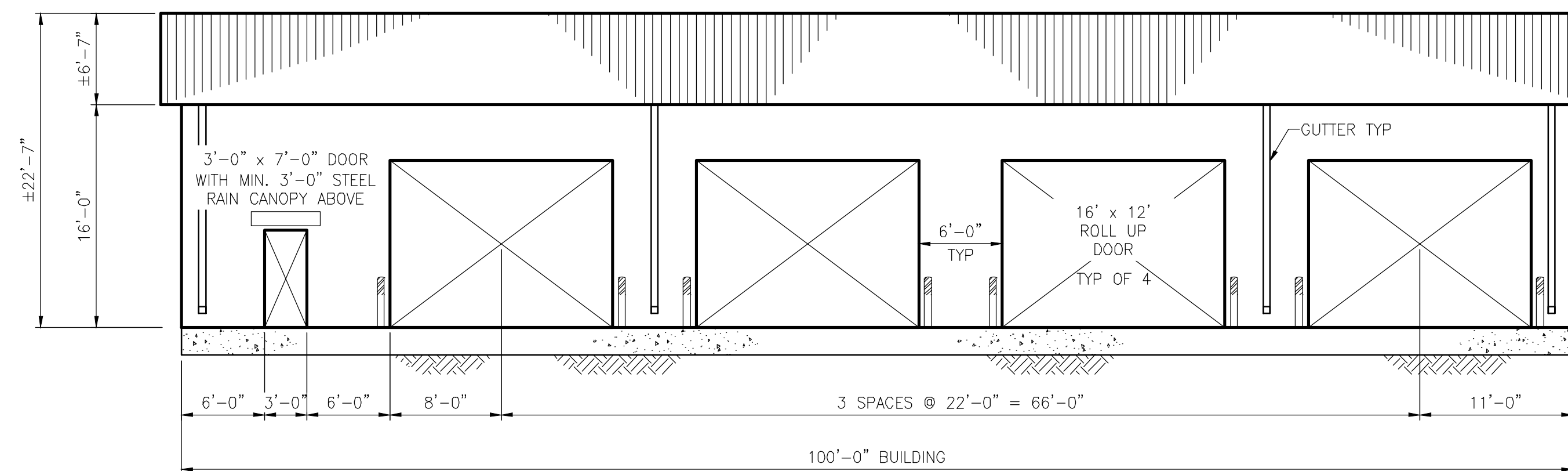
B STORAGE BUILDING FLOOR PLAN
1/16" = 1'



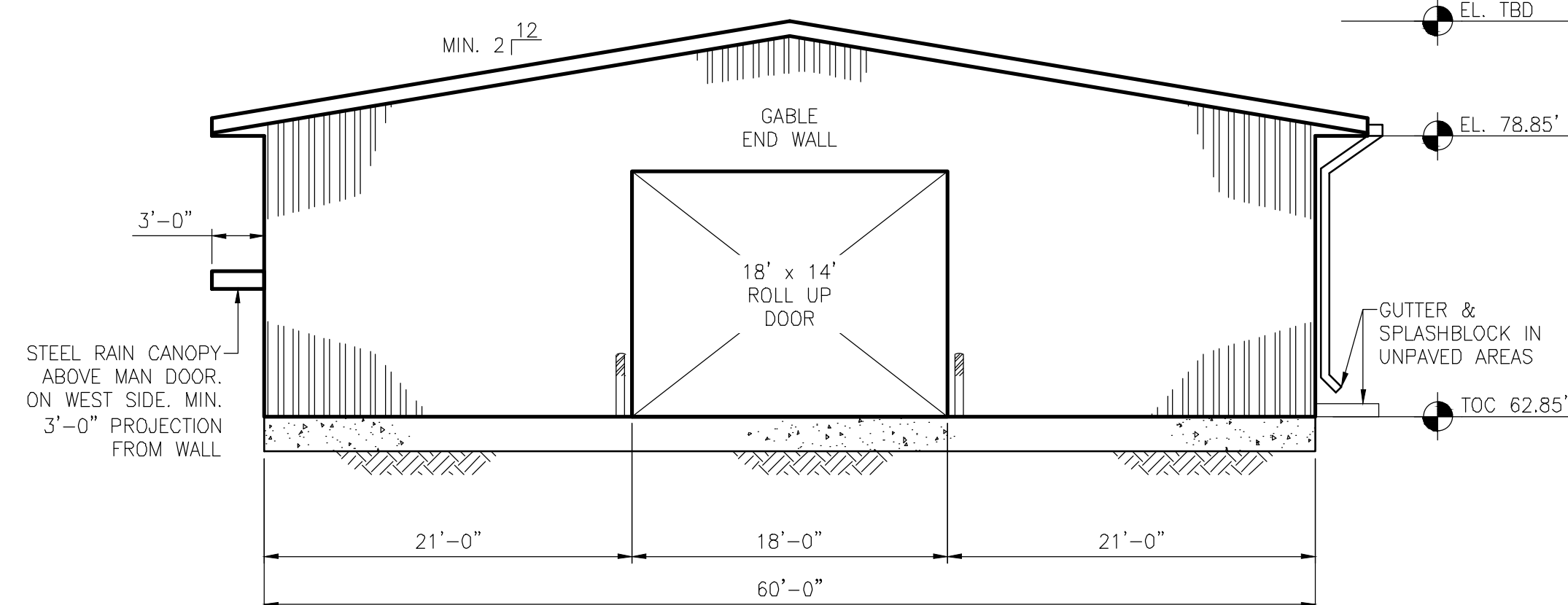
A PARTIAL SITE PLAN
1/16" = 1'

EQUIPMENT STORAGE BUILDING - DEFERRED SUBMITTAL

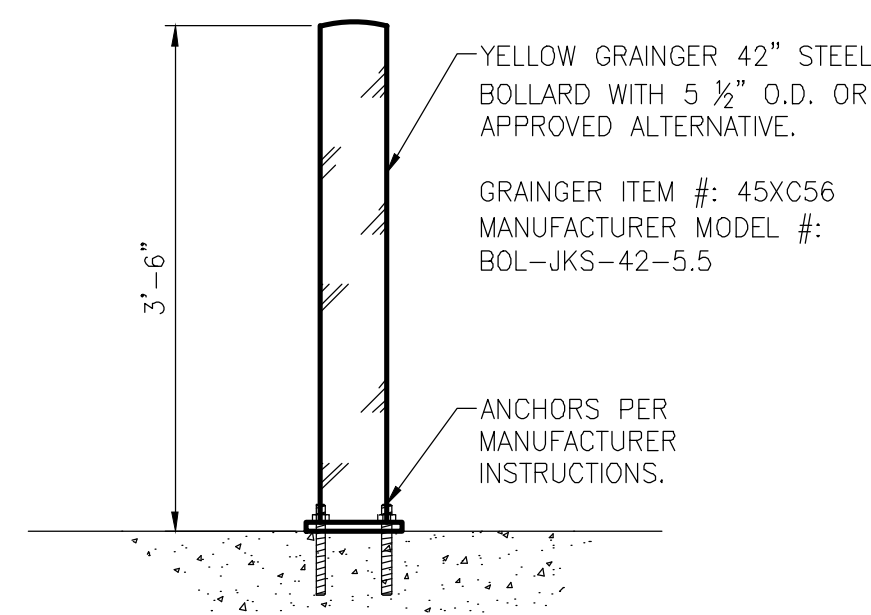
1. CONTRACTOR TO CONSTRUCT PRE-ENGINEERED METAL BUILDING (PEMB) FOR EQUIPMENT STORAGE.
2. CONTRACTOR TO SUBMIT BUILDING PLANS & CALCULATIONS SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.
3. BUILDING CALCULATIONS TO INCLUDE COLUMN REACTIONS (LATERAL AND UPLIFT) SENT TO SLAB. ENGINEER OF RECORD WILL UPDATE AND REVISE SLAB PLANS AS NEEDED BASED UPON PEMB PLANS.
4. SEE PROJECT SPECIFICATION FOR ADDITIONAL METAL BUILDING REQUIREMENTS.



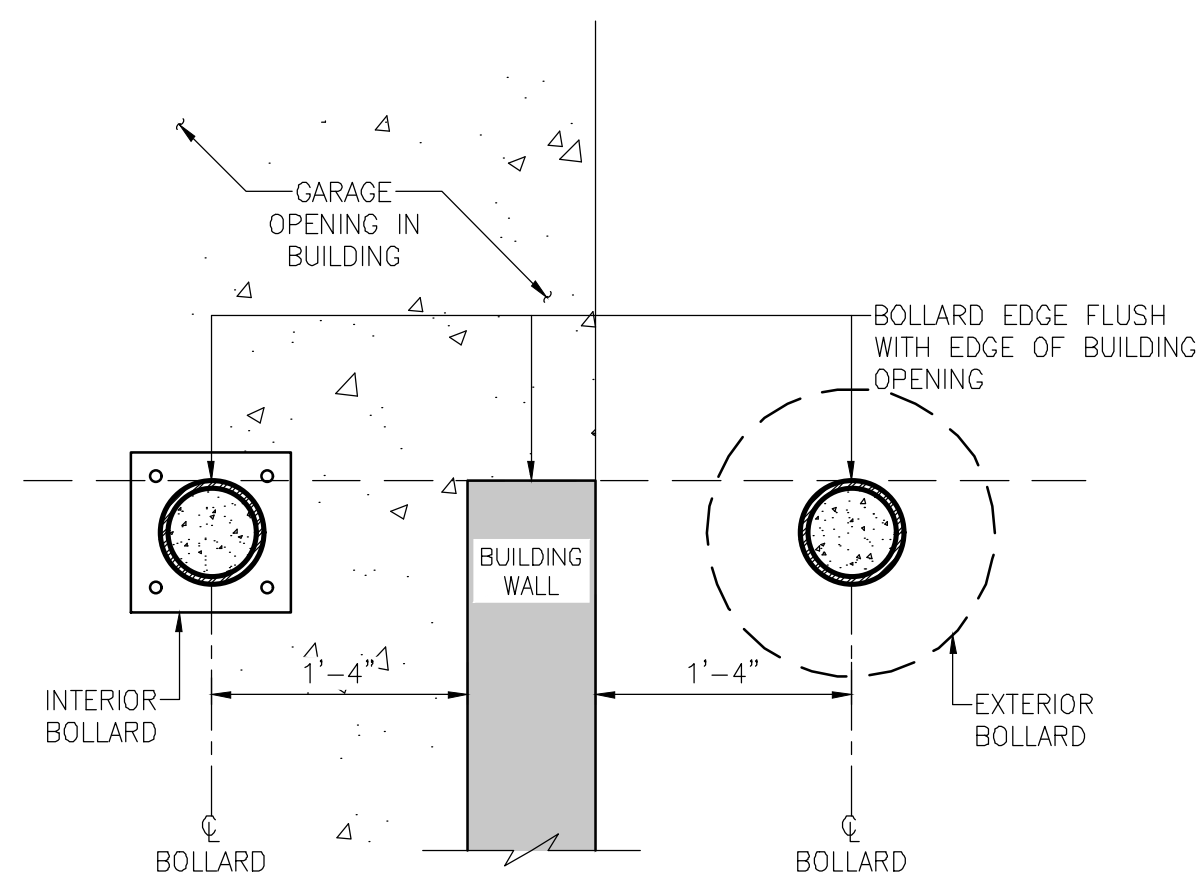
D WEST ELEVATION
1/8" = 1'



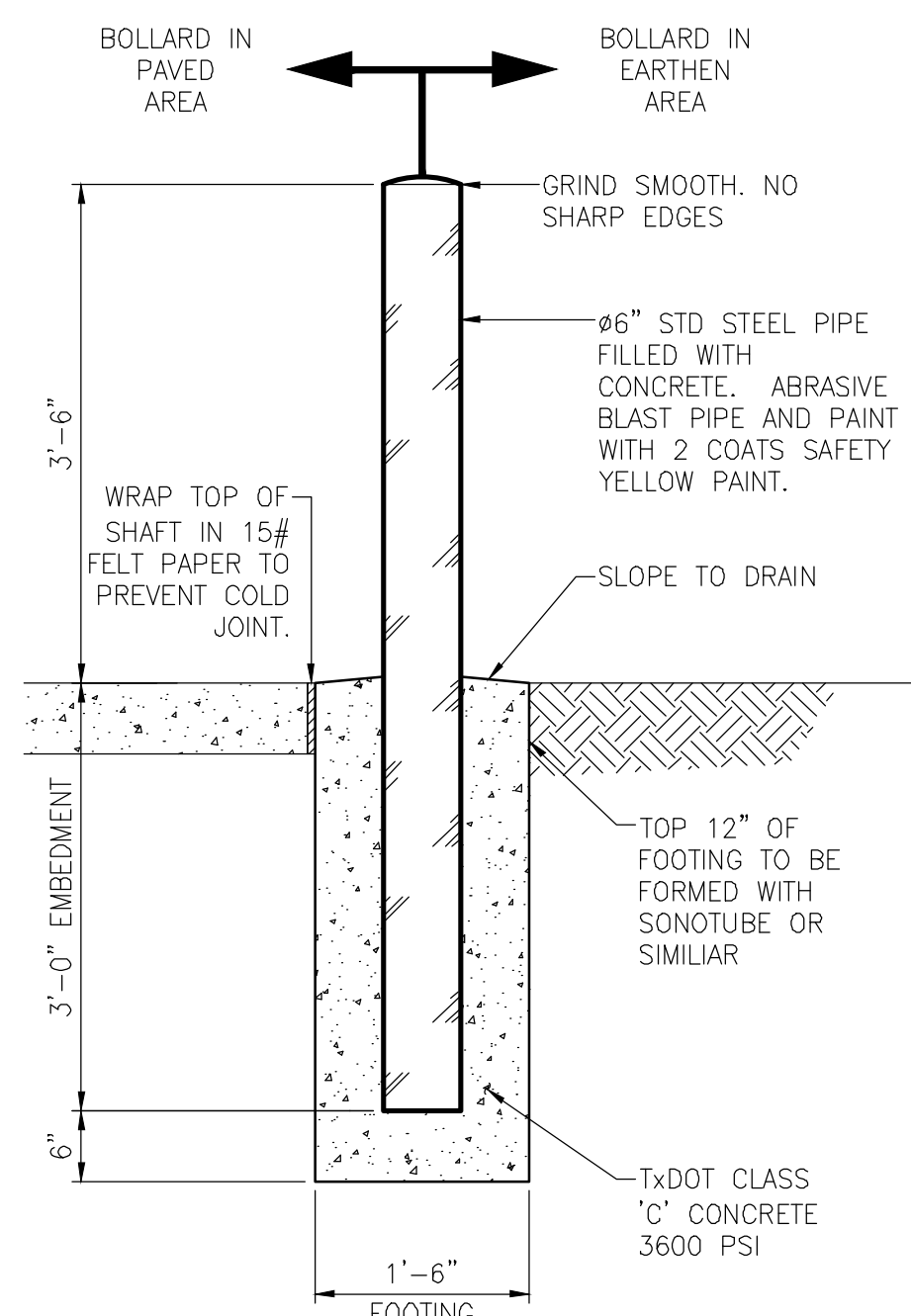
F NORTH & SOUTH ELEVATION
1/8" = 1'



INTERIOR BOLLARD



PARTIAL PLAN @ GARAGE DOORS



EXTERIOR BOLLARD

E BOLLARD DETAILS
NTS

-

Diagram illustrating the cross-section of a wall and slab joint. The wall is 1'-2" wide. The slab is 3'-6" thick. A 1/2" compressible bond break & joint sealant is shown at the top of the wall. Ties S4 & cross ties are shown at a maximum spacing of 16" S.P.A. 10-#6 bars are shown continuous with staggered splices.

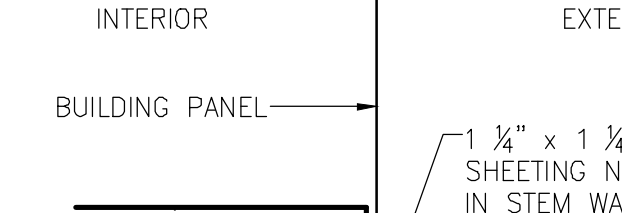


Diagram illustrating the location of the 1 1/2" x 1 1/2" SHEETING NOTCH IN STEM WALL. The diagram shows the BUILDING INTERIOR, BUILDING EXTERIOR, BUILDING PANEL, and STEM WALL. A note specifies: OMIT SHEETING NOTCH AT ALL BUILDING ENTRANCES (GARAGE DOORS & MAIN DOORS, ETC.).

NOTE:
OMIT SHEETING NOTCH AT ALL
BUILDING ENTRANCES (GARAGE
DOORS & MAN DOORS, ETC.)

D TYP. STEM WALL SHEETING NOTCH

SEE CONCRETE APRON
DETAILS FOR GEOMETRY.

#4 Z-BAR

Figure 10: Typical Slab Reinforcing Detail. This cross-sectional diagram shows a concrete slab with a depth of 6 inches. It features two layers of reinforcement: a top layer of 2 to 4 bars and a bottom layer of Z-bars spaced at 12 inches. The Z-bars are bent up at a 45-degree angle. A 1/2-inch compressible bond break and joint sealant is applied at the joint. Dimensions include a 1-foot-0-inch length for the Z-bar spacing and a 1-foot-0-inch length for the bond break area.

#3 TIES S1
INTERIOR BEAM

6~#6 BARS

CENTRAL 2 BARS
MAY BE OMITTED ON
BEAMS 3, 5, 7, & 9

TYPICAL STIRRUPS

TIES S1 @
MAX 1'-0"

MAX. CUSHION

6 MIL BARR

1'-6"

6"

1'-2"

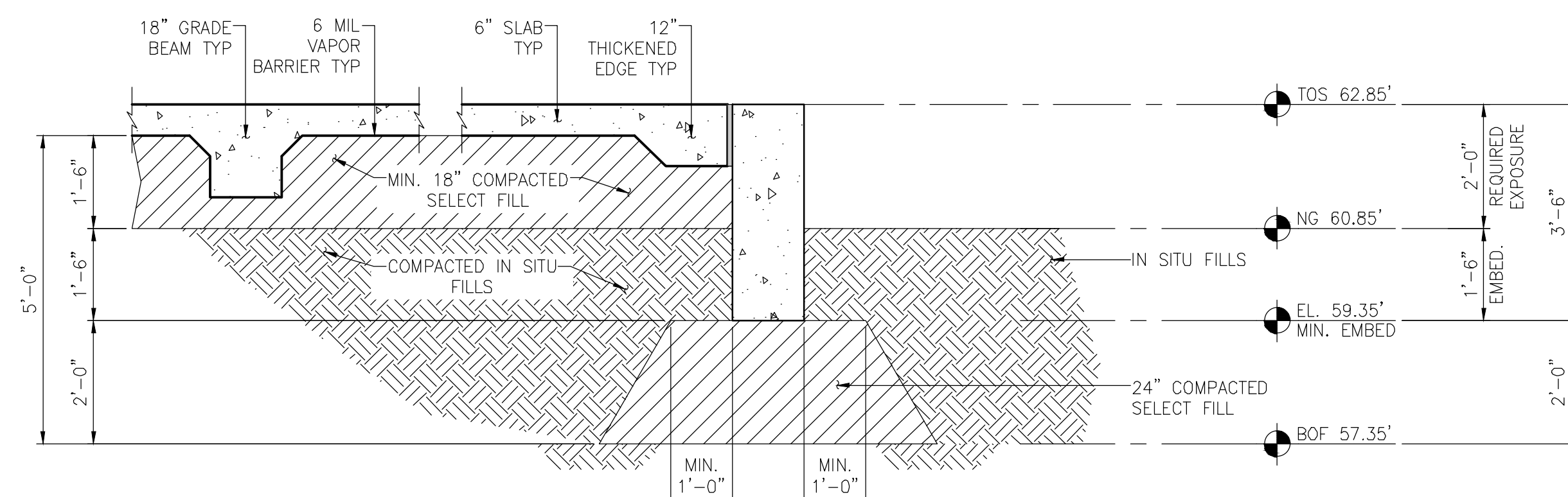
NOTE:

NOTE: BARRIER TYP.

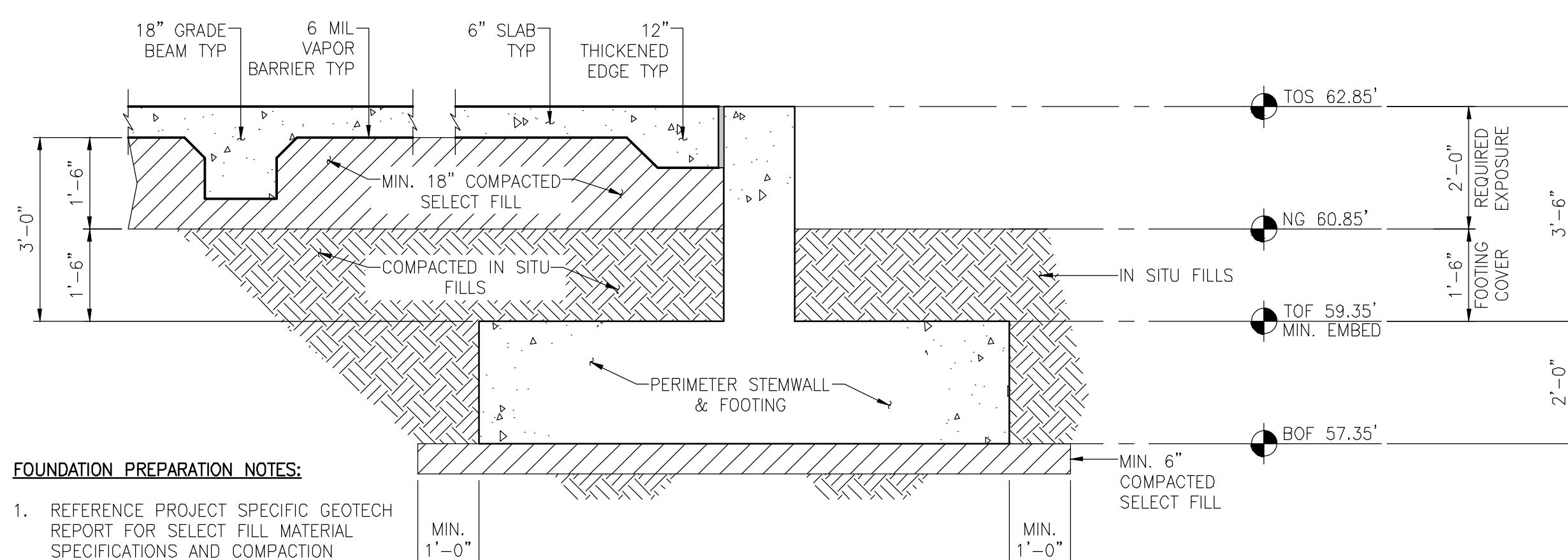
1. BEAMS AT COLUMNS (2,4,6,8 & B&C) ARE DOWELED TO THE STEM WALL VIA THE MECHANICAL COUPLERS.
2. BEAMS 3,5,7,9 ARE NOT CONNECTED TO THE STEM WALL

E THICKENED SLAB EDGE

INTERIOR BEAM DETAIL



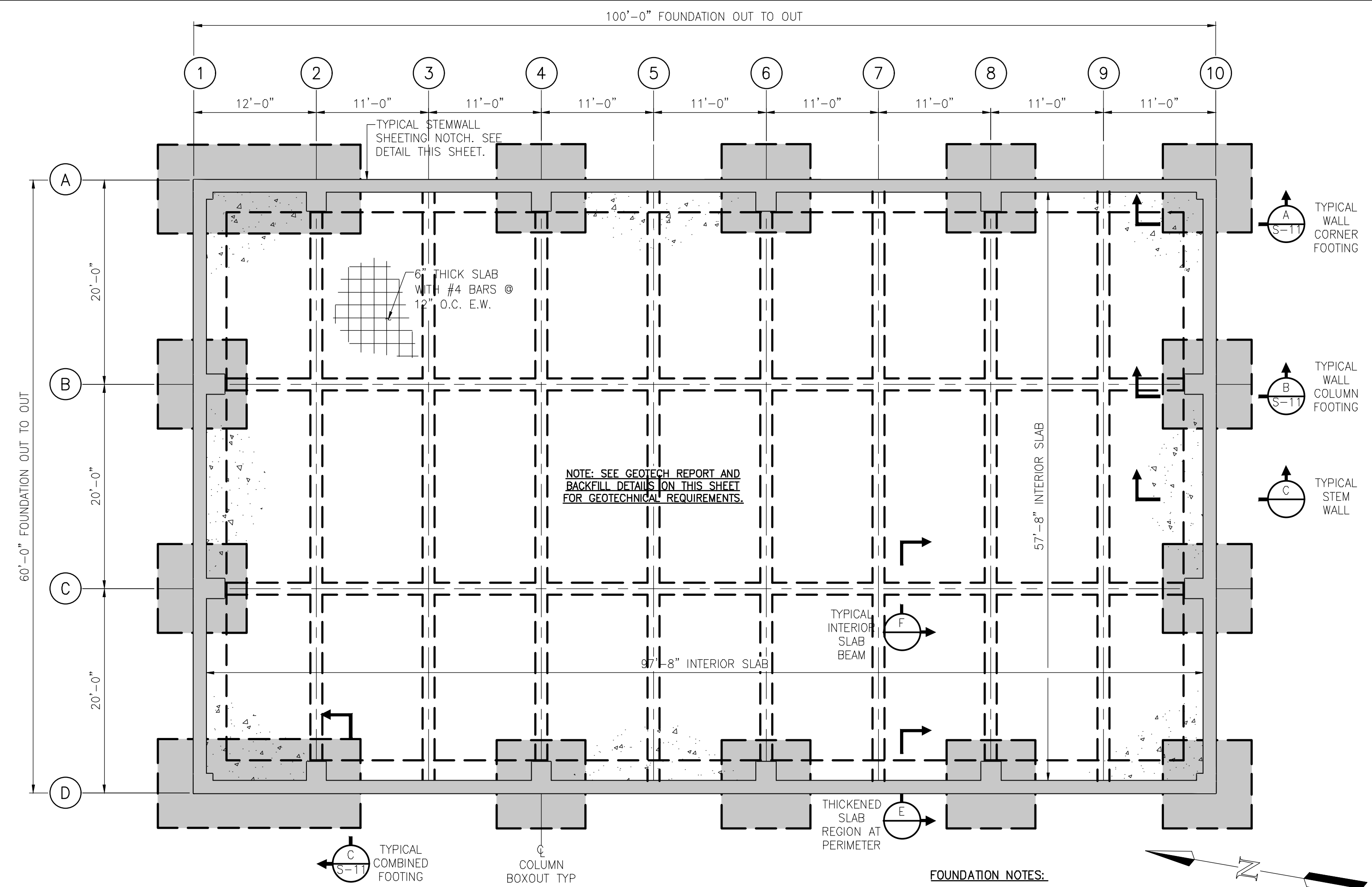
G BACKFILL DETAILS @ STEM WALL



FOUNDATION PREPARATION NOTES:

1. REFERENCE PROJECT SPECIFIC GEOTECH REPORT FOR SELECT FILL MATERIAL SPECIFICATIONS AND COMPACTION REQUIREMENTS, ALONG WITH OTHER SOIL PREPARATION REQUIREMENTS.

H BACKFILL DETAILS @ FOOTING



STORAGE BUILDING – INTERIOR
BUILDING SLAB FINISH & LEVELNESS

ACI 302.1R FLOOR CLASSIFICATION:
CLASS 4 (INSTITUTIONAL/COMMERCIAL
WITH NORMAL STEEL TROWEL FINISH.

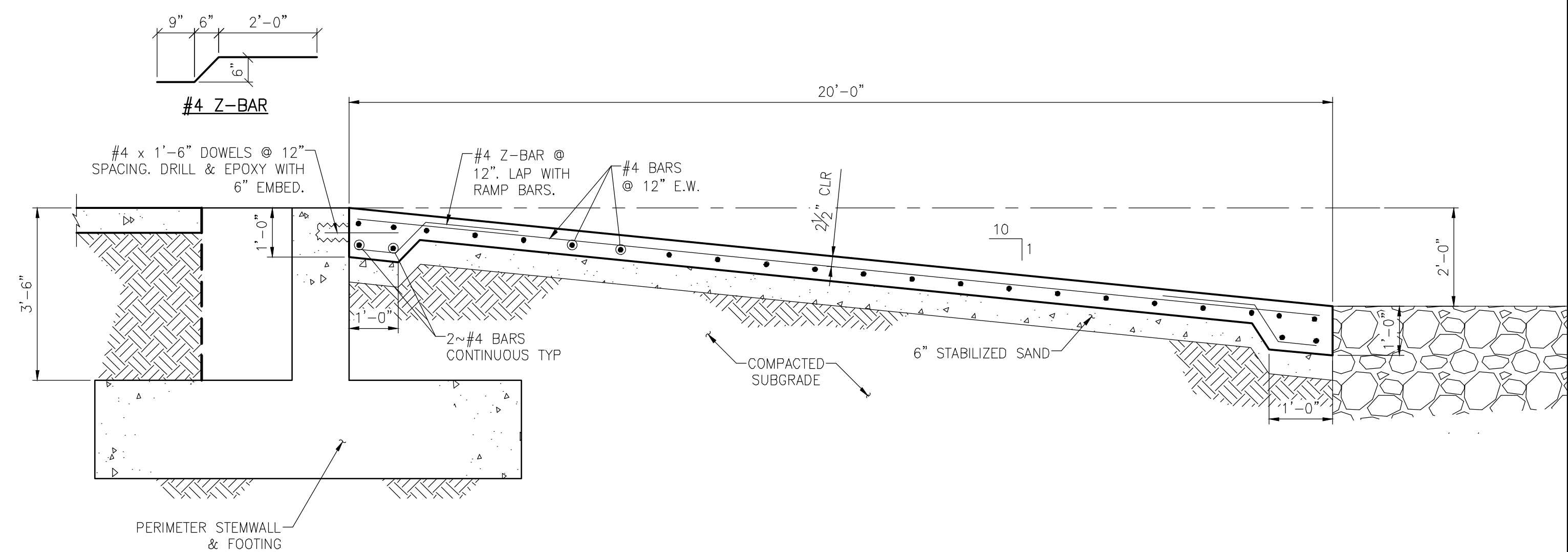
FLOOR FLATNESS NUMBER: $F_F = 25$
FLOOR LEVELNESS NUMBER: $F_L = 20$

INTERIOR RIBBED SLAB,
FOOTING & STEM WALL FOUNDATIONS

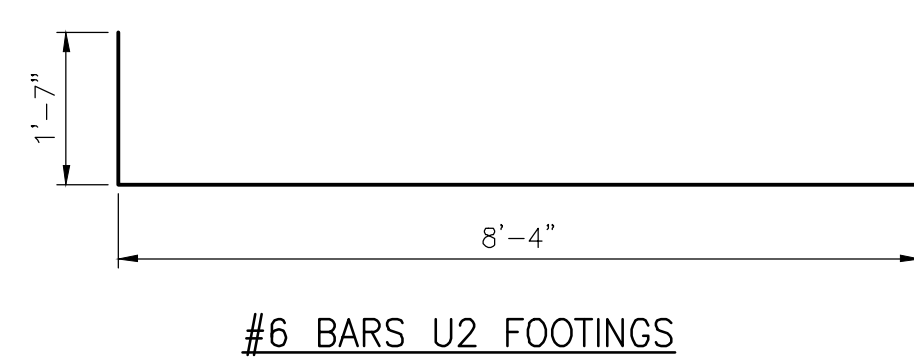
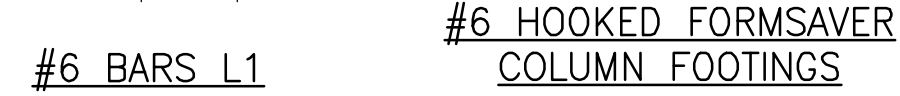
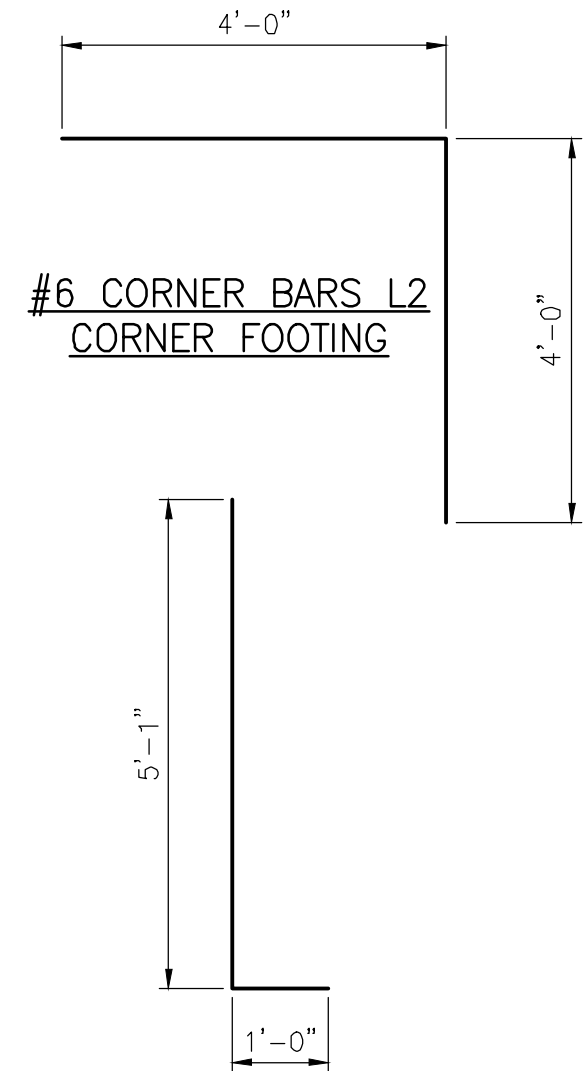
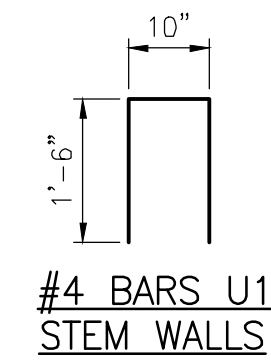
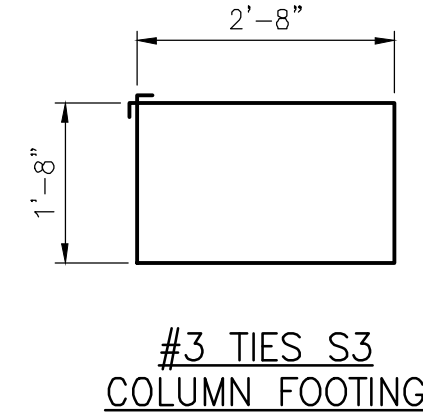
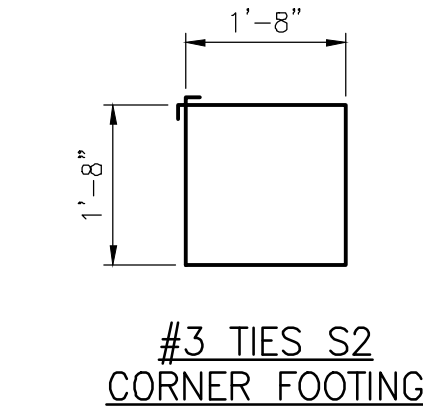
$$1/8'' = 1'$$

FOUNDATION NOTES:

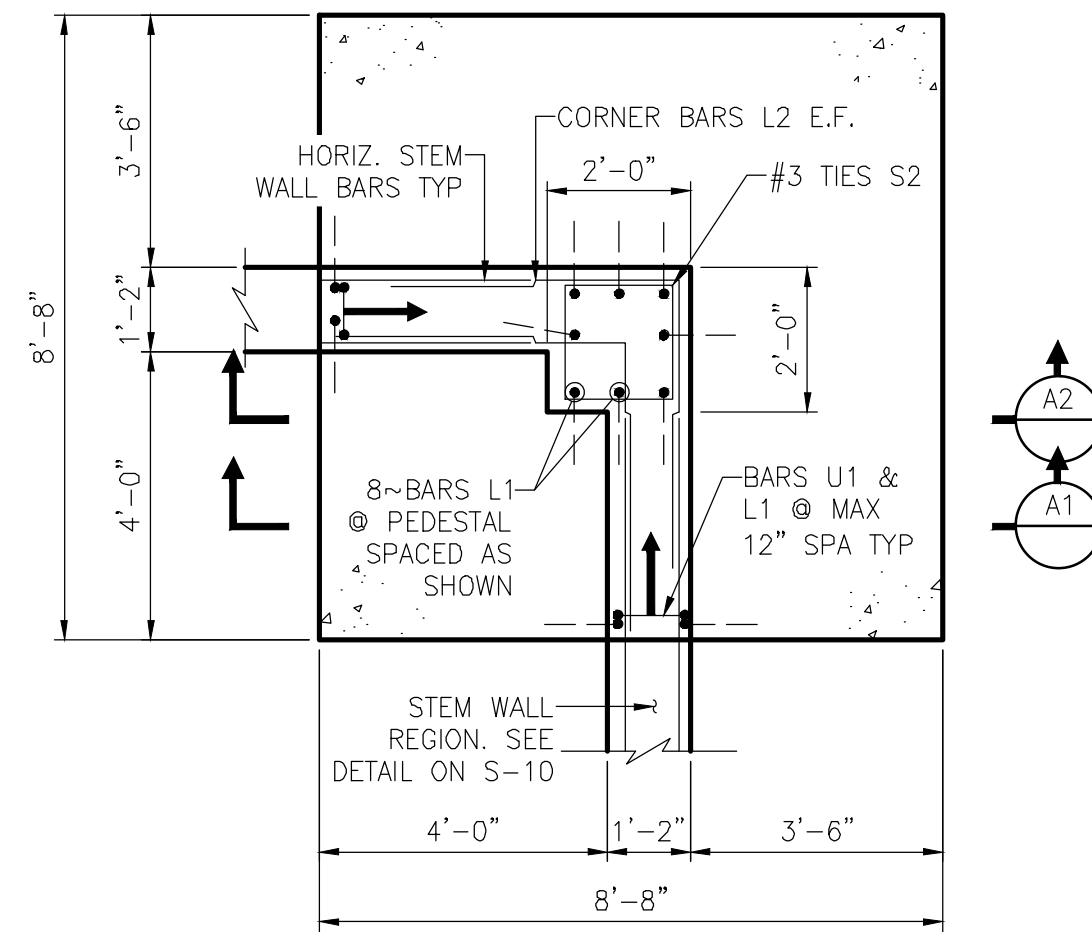
1. FOUNDATION DETAILS ARE PRESENTED FOR BIDDING PURPOSES ONLY. ACTUAL GEOMETRY AND REINFORCING DETAIL WILL BE FINALIZED UPON RECEIPT OF SEALED BUILDING DRAWINGS.
2. DO NOT BEGIN FABRICATION OF FOUNDATION REBAR UNTIL THE FRP ENGINEERED METAL BUILDING SHOP DRAWINGS HAVE BEEN APPROVED BY ENGINEER.
3. CUT-IN CONTROL JOINTS ARE TO BE LOCATED AT MAX 15' FT. SPACING BOTH DIRECTIONS. SEE CONTROL JOINT DETAIL S-2.
4. IF SLAB IS NOT POURED MONOLITHICALLY, THEN CONTRACTOR TO SUBMIT CONSTRUCTION JOINT LAYOUT FOR ENGINEER'S APPROVAL. SEE CONSTRUCTION JOINT DETAIL S-2.



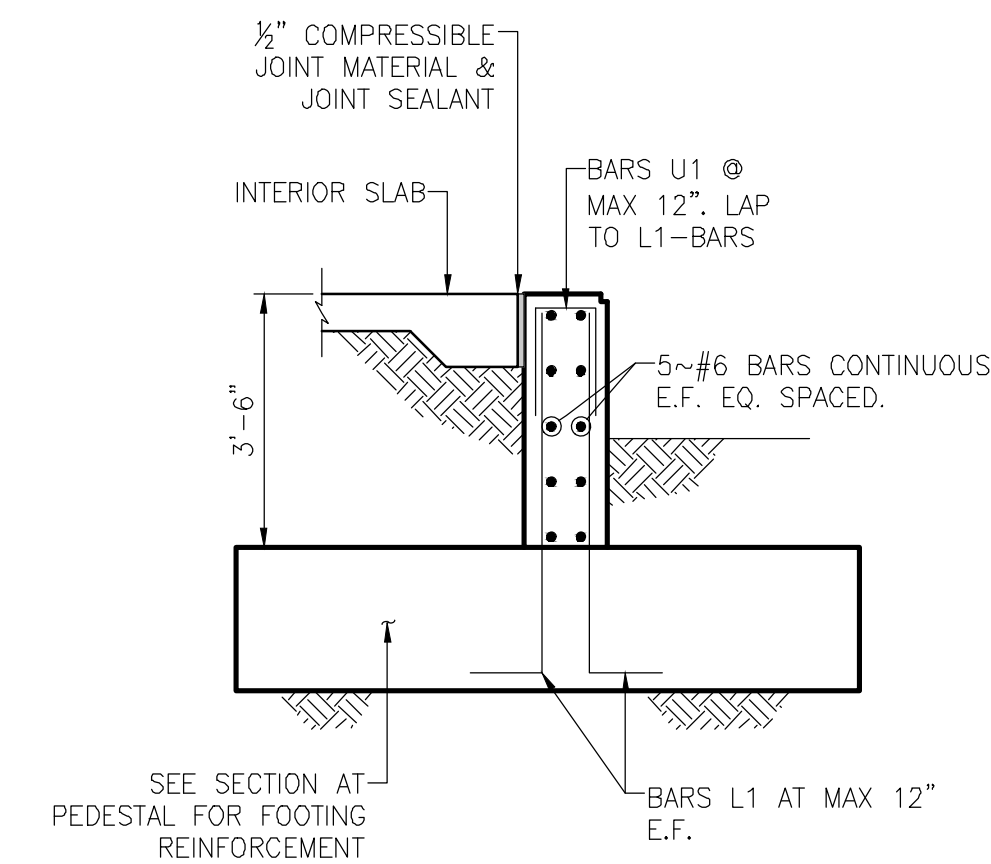
B CONCRETE APRON - SECTION



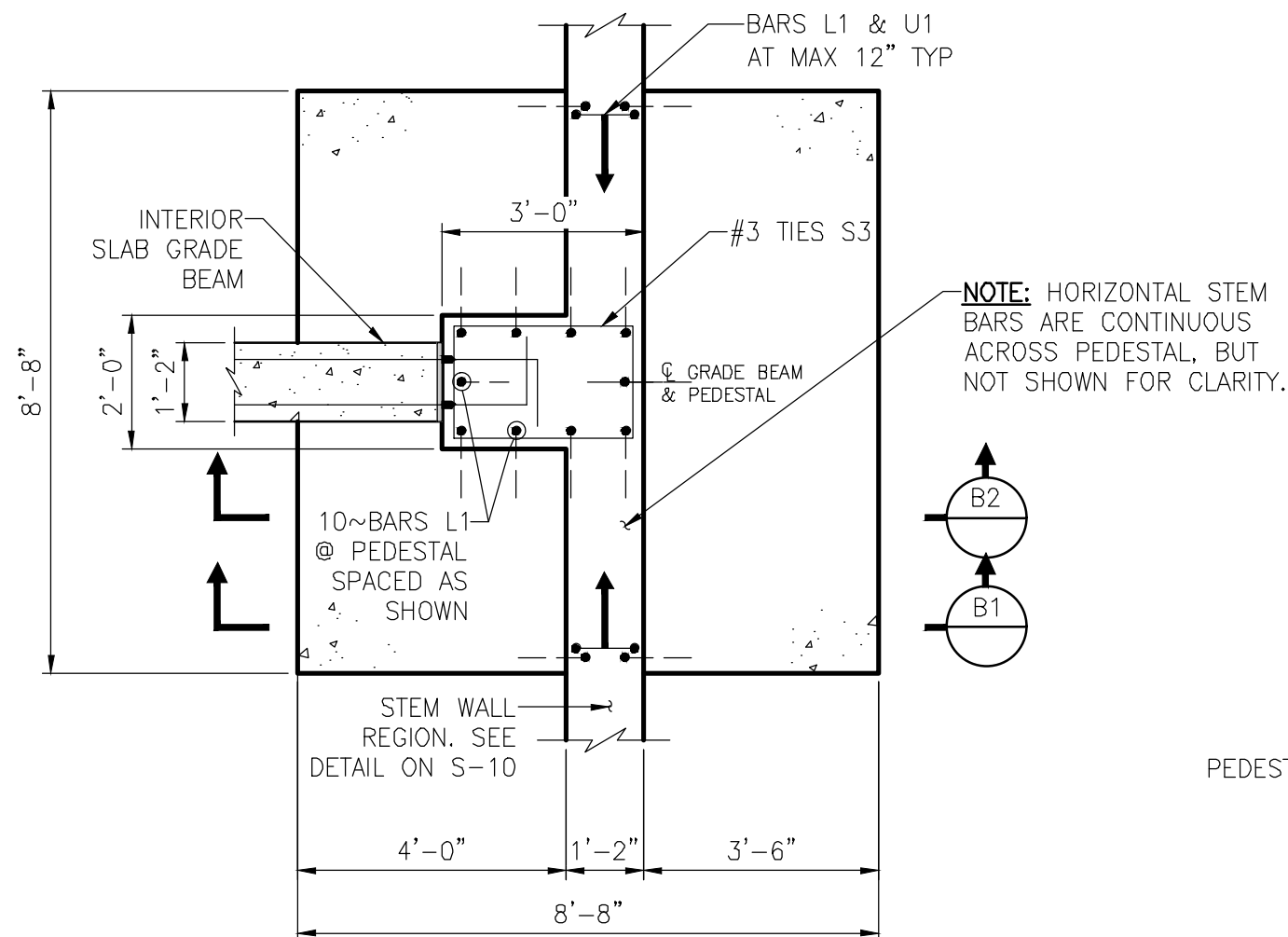
D BAR DETAILS
NTS



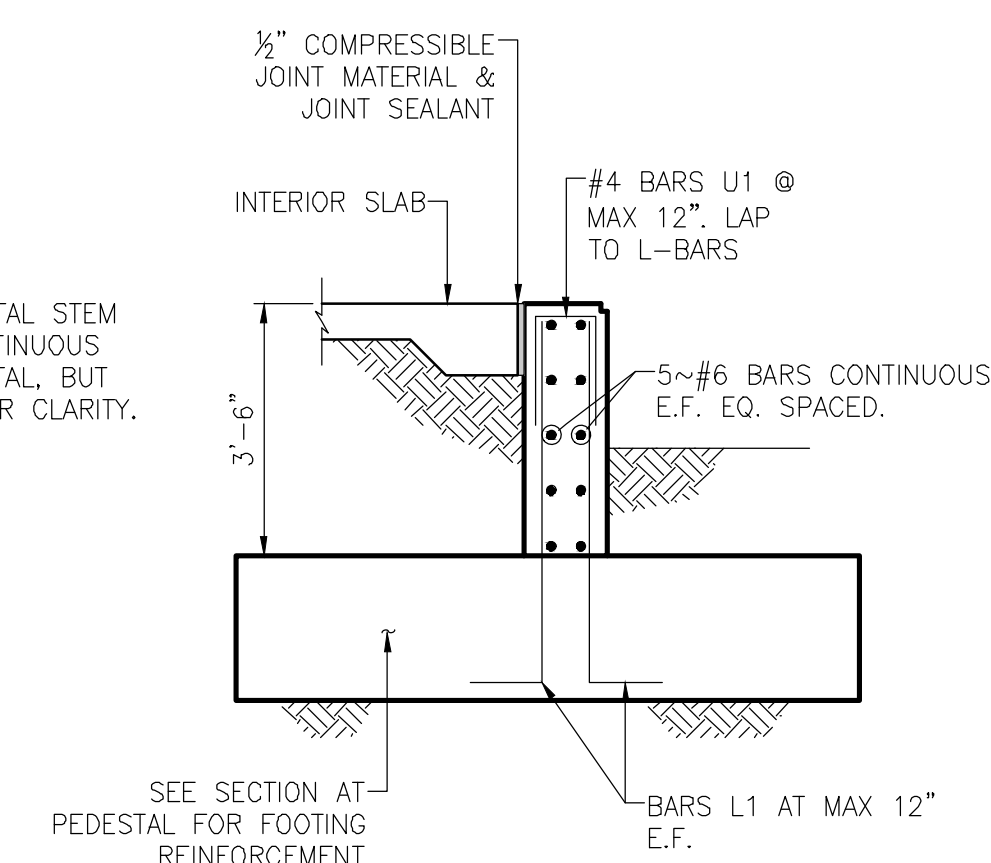
PLAN VIEW



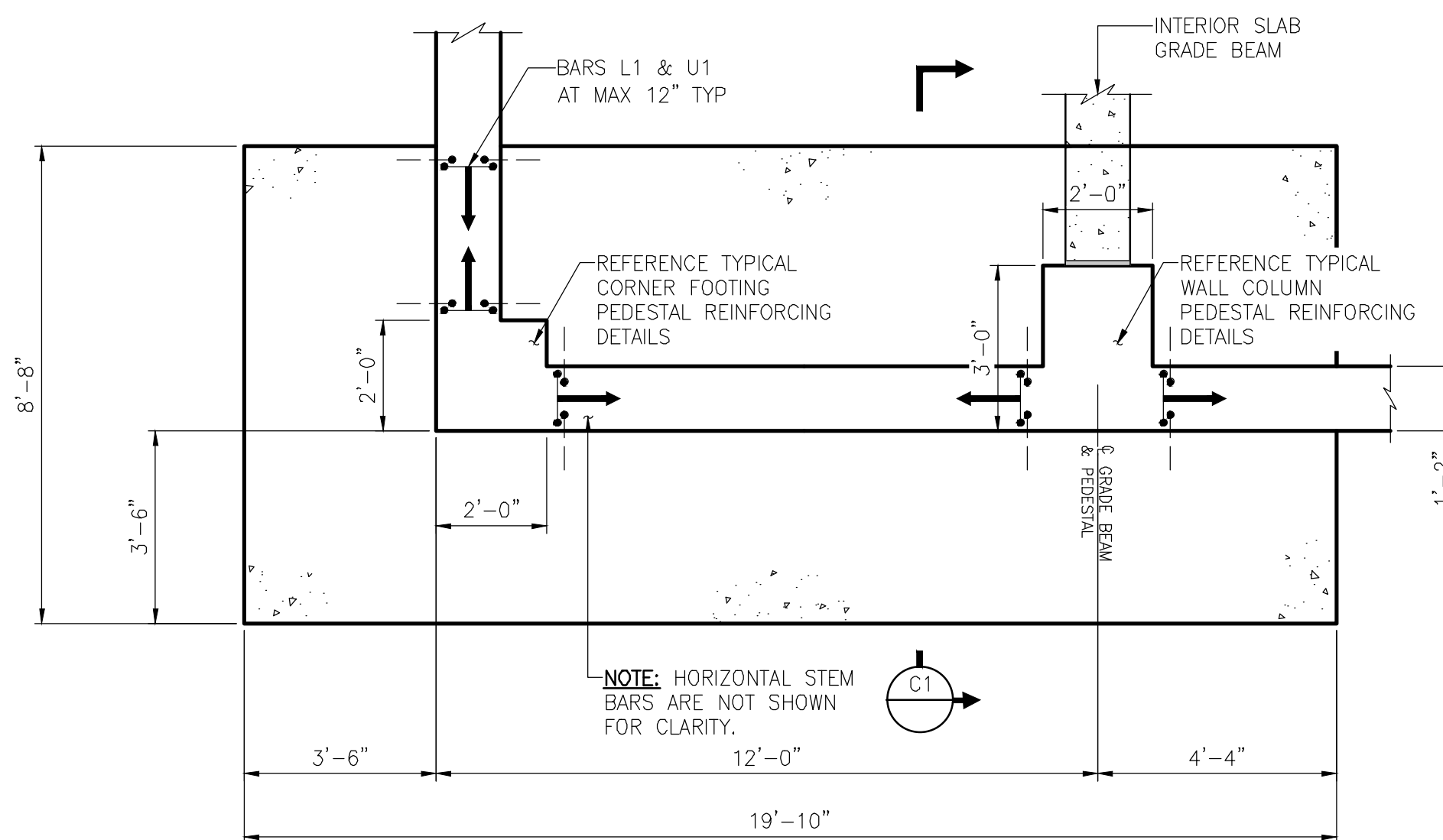
A TYPICAL CORNER FOOTING
NTS



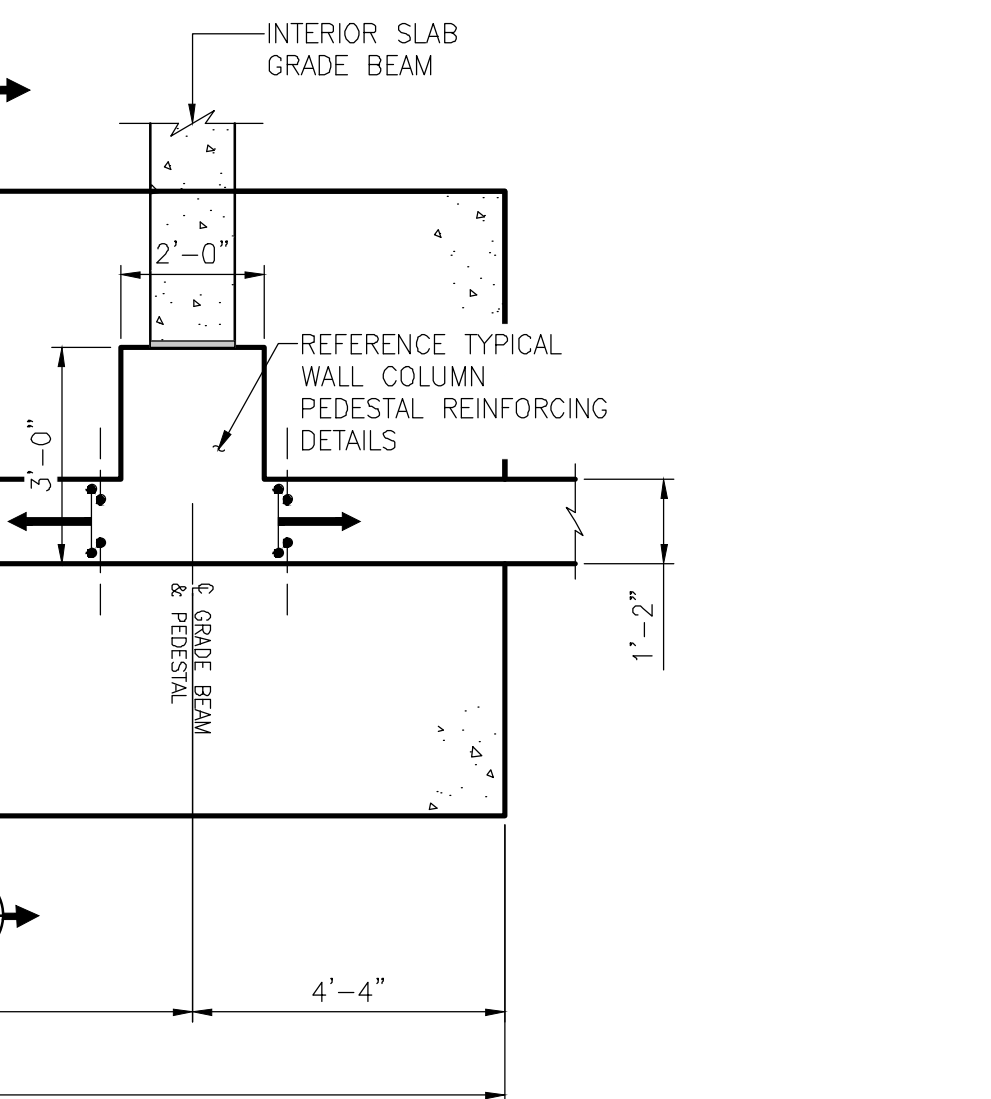
PLAN VIEW



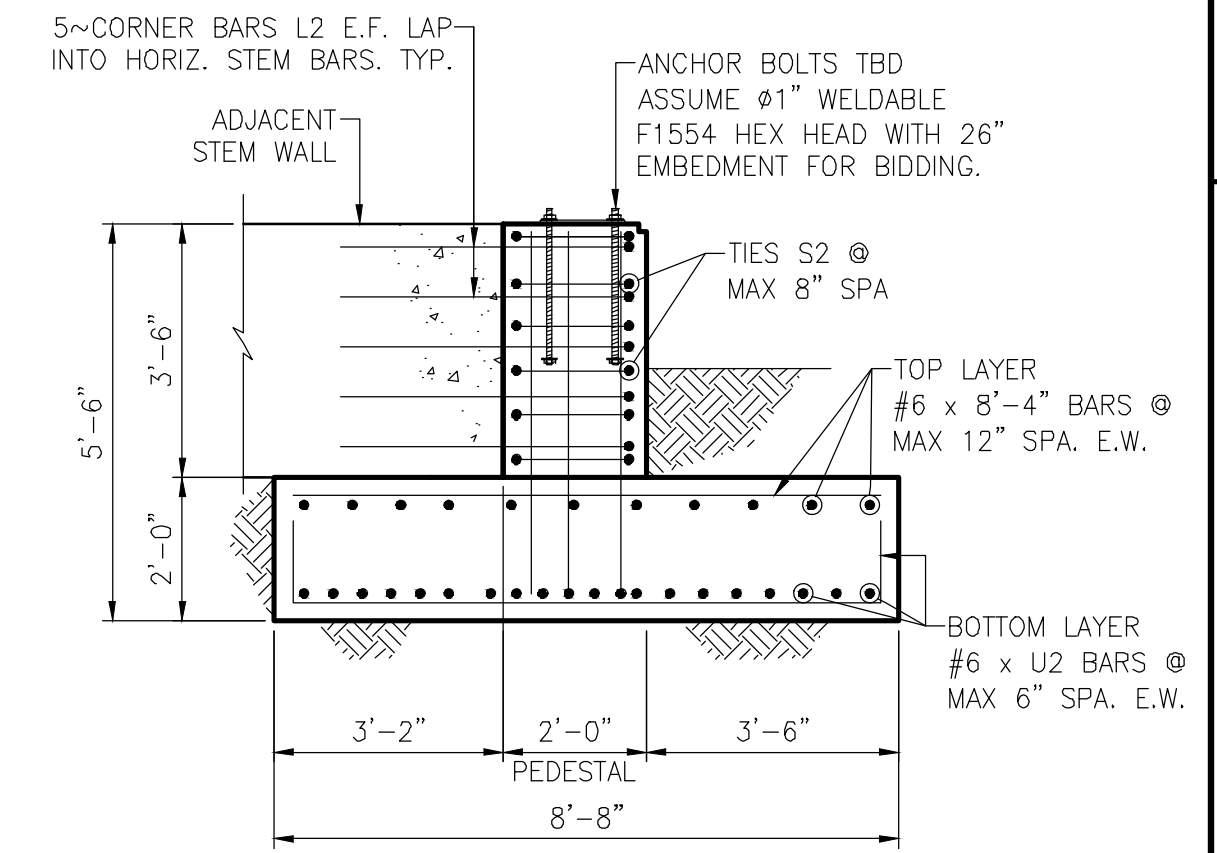
B TYPICAL WALL COLUMN FOOTING
NTS



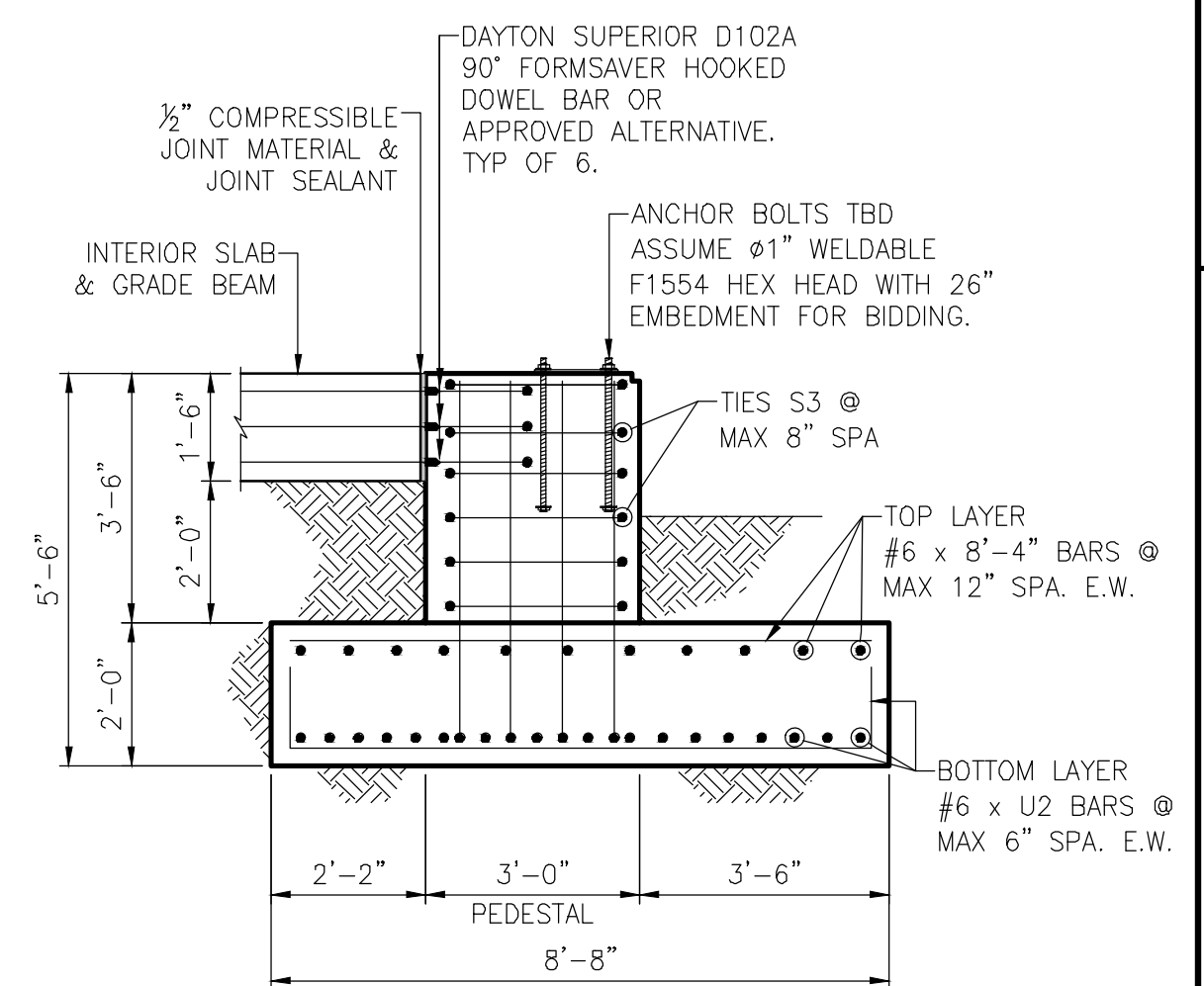
PLAN VIEW



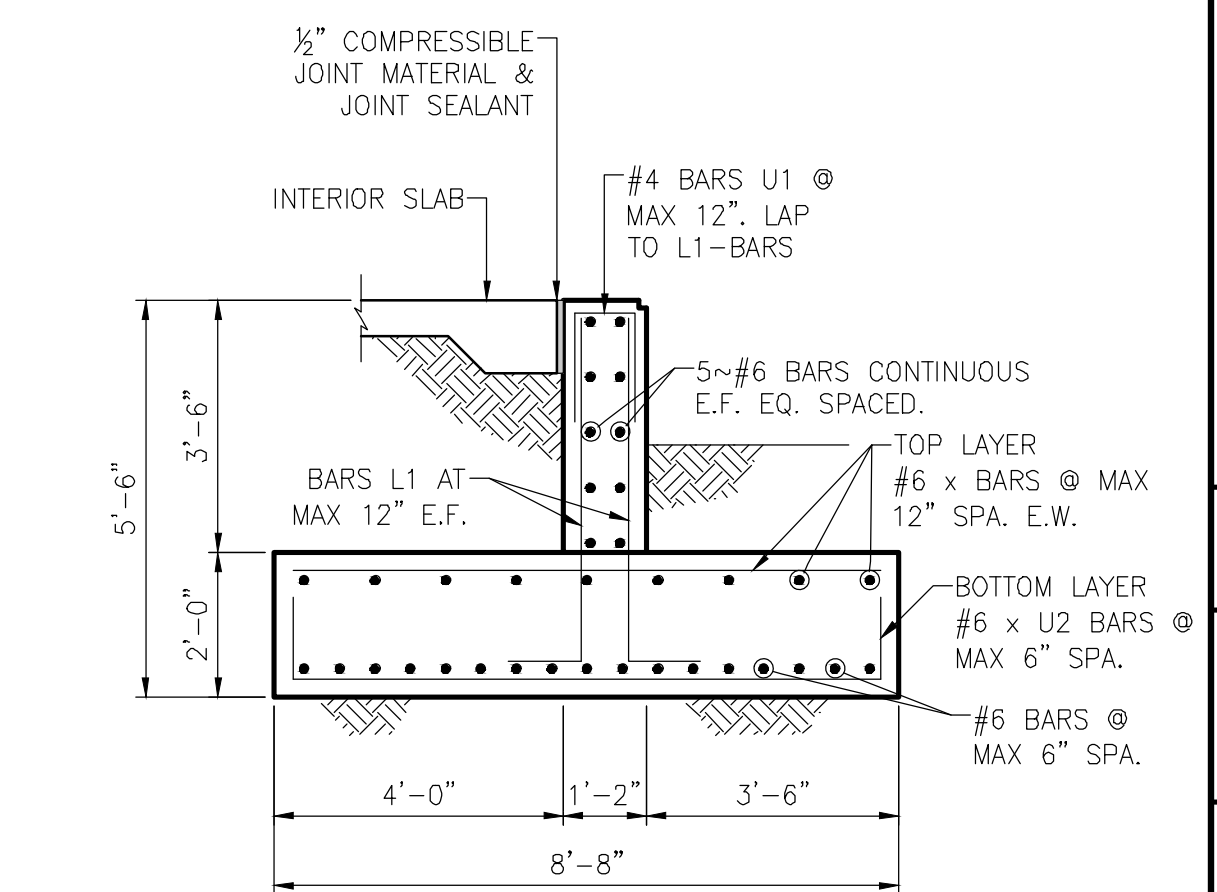
C TYPICAL COMBINED FOOTING
NTS



SECTION A2



SECTION B2



SECTION C1