

- A. The contractor shall verify dimensions and conditions and notify the architect/engineer of any discrepancies, inconsistencies, or difficulties affecting cost of work before proceeding.
- B. The contractor shall coordinate all disciplines, verifying size and location of all openings. All conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the attention of the architect or engineer for direction before proceeding.
- C. All design and construction for this project shall conform to the requirements of the 2018 International Building Code (IBC), as adopted and amended.
- D. These drawings are for this specific project, and no other use is authorized.

- A. All trench footing concrete shall develop a minimum compressive design strength of 3,500 psi in 28 days.
All formed and slab concrete to be a minimum compressive design strength of 4,000 psi in 28 days.
- B. Concrete exposed to weather shall have a 6% +/- 1% air entrainment.
- C. Contractor shall verify that all concrete inserts, reinforcing and embedded items are correctly located and rigidly secured prior to concrete placement.
- D. No aluminum items shall be embedded in any concrete.
- E. Provide concrete design submittal for approval.
- F. Anchor bolts or threaded rods per ASTM F1554 Grade 36.
- G. Epoxy anchors are not acceptable as a substitute for tension loading conditions and major column bases. Anchors and fasteners smaller than $\frac{3}{4}$ " diameter may be epoxy or Kwik bolt style fasteners. See Detail.

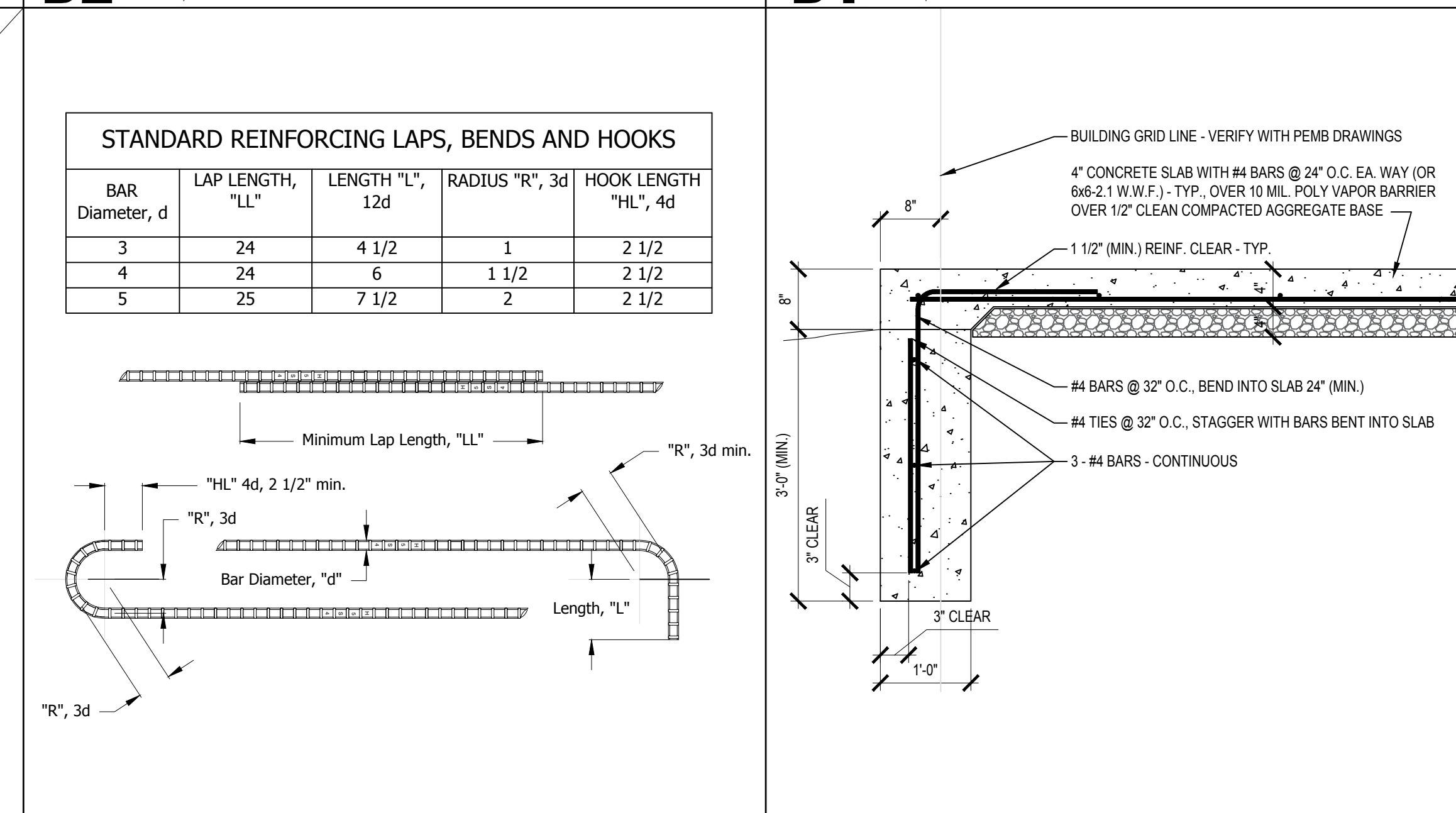
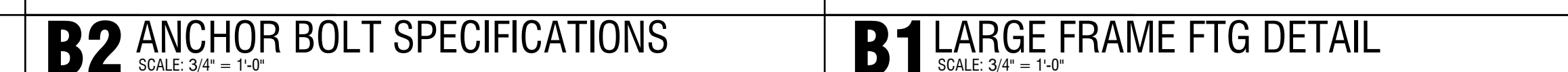
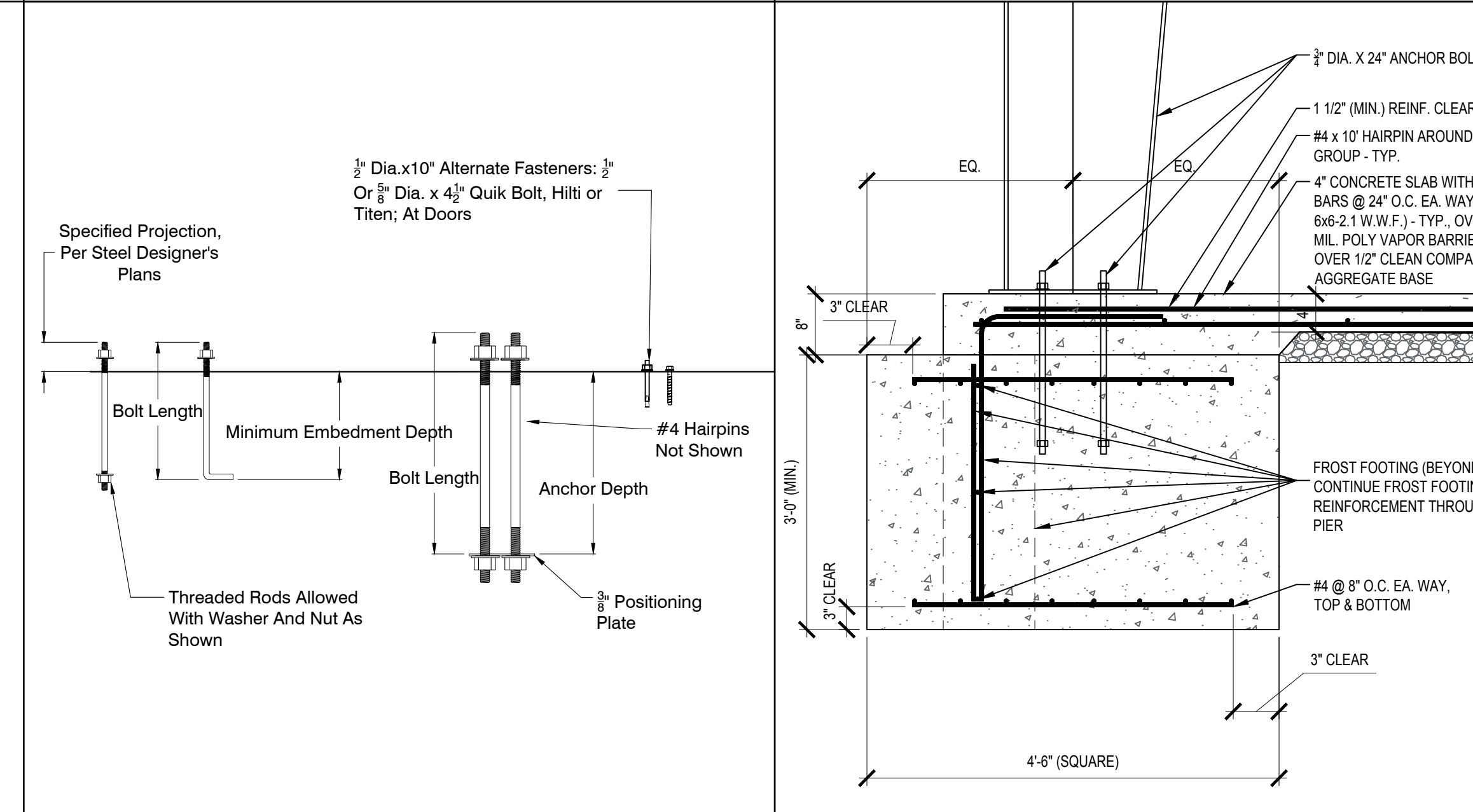
- A. All reinforcing steel shall conform to the requirements of ASTM A615 Grade 60.
- B. Stirrups & ties shall conform to the requirements of ASTM A615 Grade 40.
- C. Clear minimum coverage of concrete over reinforcing steel shall be as follows:
 - Concrete placed against earth 3"
 - Formed concrete against earth 2"
- D. All dowels shall be the same size and spacing as adjoining main bars.
- E. Splice laps, hooks and bends per ACI and detailed herein.
- F. Wire tie steel prior to pour to insure steel remains in place when concrete is poured.
- G. Provide reinforcing steel submittal for approval.

- A. Contractor to maintain OSHA safety precautions for workers.
- B. Excavate and remove all organic soil material below pad base per soil report.
- C. Excavate and remove soft soil per soil report. This design is based upon the soil conditions providing a minimum capacity of 2,000 psf.

A. Steel building plans take precedence over these plans. Contractor to verify baseplate and anchor bolt locations and projections.

- A. High strength bolts - ASTM A325
- B. Field welding if used - Not currently planned
- C. Testing of concrete: Lab testing footing, and pier concrete required.
- D. Steel Framing: At the request of the City and Architect of Record, Inspect Building Steel Framing

A.B.	Anchor Bolts
@	At
E.W.	Each Way
ELEV.	Elevation (Relative Grade Height)
#	Number
Sq.Ft.	Square Feet
T.O.B.	Top Of Beam
T.O.F.	Top Of Footing
T.O.W.	Top Of Wall
O.C.	On Center Spacing
U.N.O.	Unless Noted Otherwise



A5 GENERAL STRUCTURAL NOTES & ABBREVIATIONS

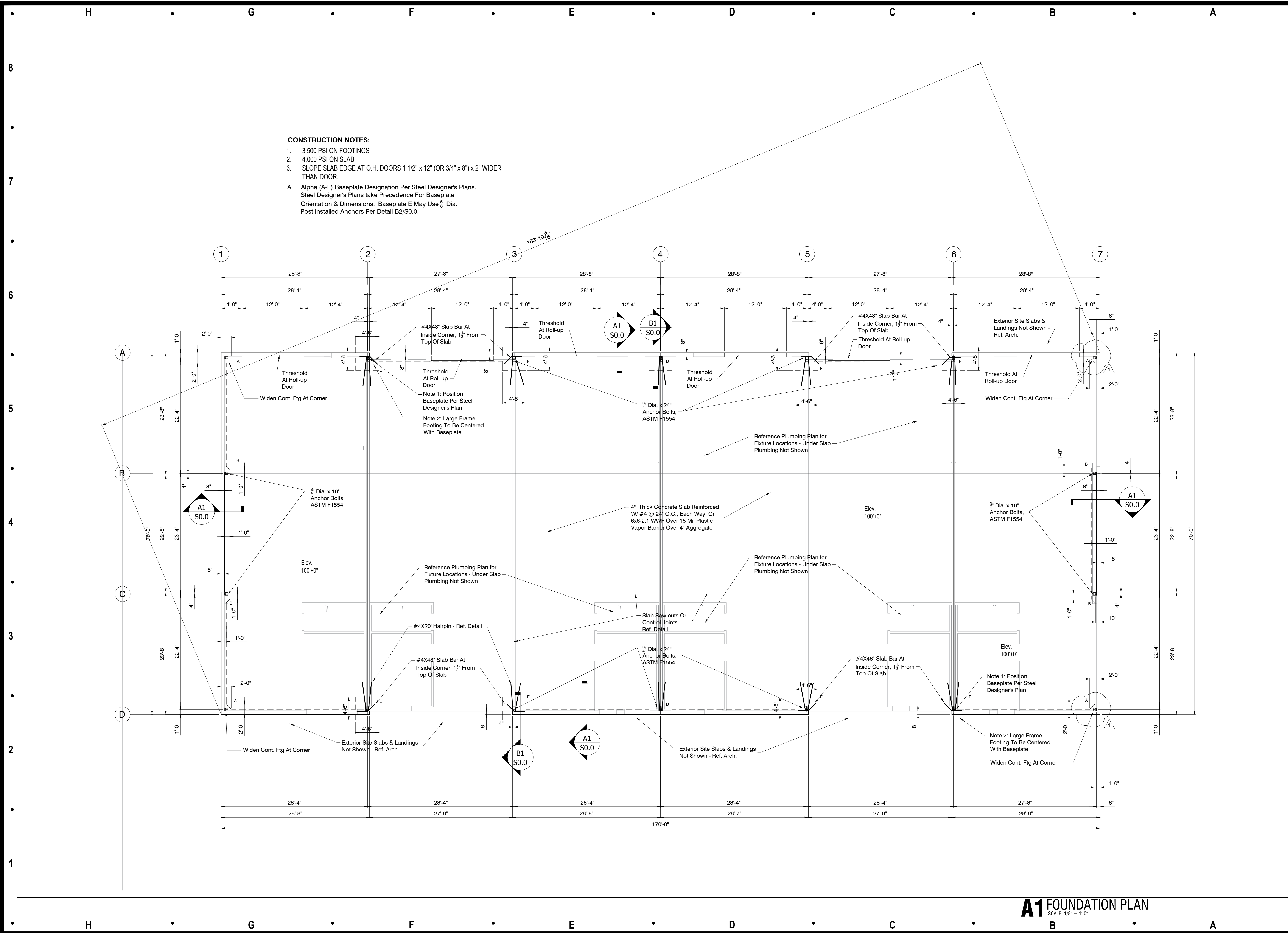
A3 NOT USED
SCALE: 1 1/2" = 1'-0"

A2 LAPS & HOOKS DETAILS

A1 TYPICAL TRENCH FROST FOOTING DETAIL

\$0.0

August 31, 2022



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Revisions to technical submissions which are not made or approved by the licensee are prohibited.

Seal:

Project Number:

2201

Project Type:

NEW CONSTRUCTION

Project Name and Address:

I-470 B&T CENTER, LOT 7
2701 NE McBaine Drive
Lee's Summit, Missouri 64064

Issue:

Date:

Issued For Permit Submittal

08.31.22

Issued For Permit

03.27.23

Revised Baseplates

03.28.23

Sheet Title:

FOUNDATION PLAN

S1.0

August 31, 2022

A1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"