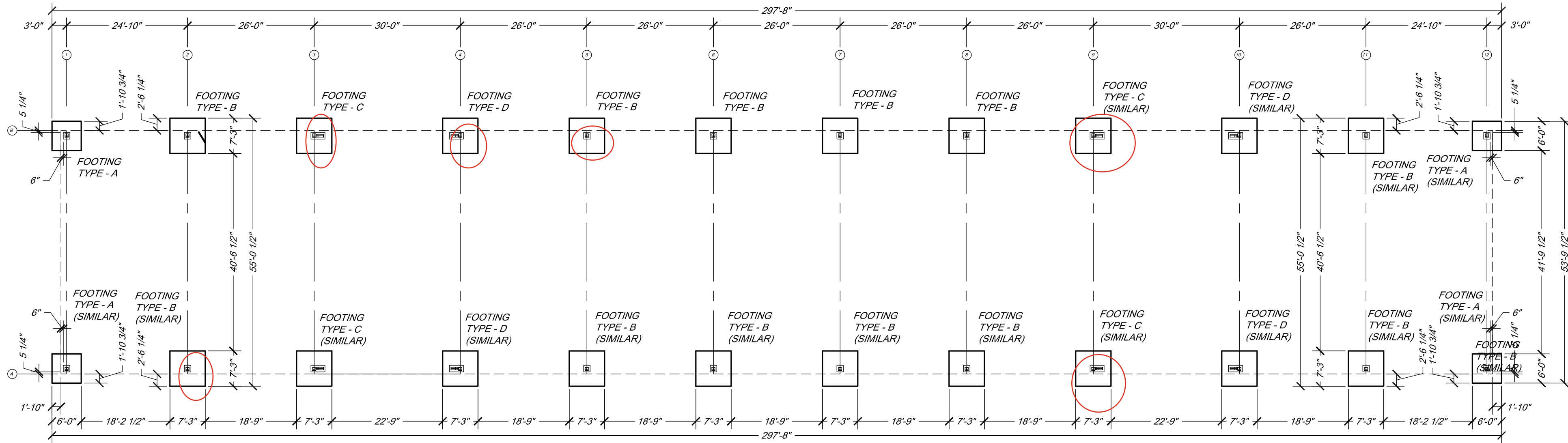


I:\2025\2025-401 MaxStorage\01 Caliber Coops\Struct\Basis\Mapa\2025-401BIM_Canopy Foundation.dwg Plotat: 11/19/2025 2:38 PM By: Jeff Simmons



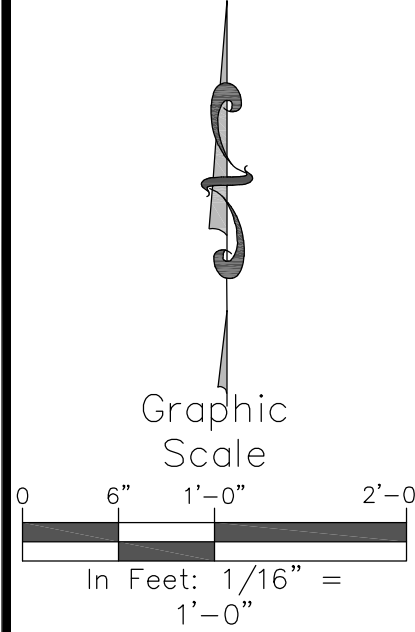
NOTE FOR SIMILAR FOOTING TYPES!!

CONTRACTOR TO REALIZE THAT THE LOCATIONS OF ANCHOR BOLTS AND BASE PLATES ARE SIMILAR TO THE DETAILS PULLED FROM BUILDING LINE B AND THUS ARE SIMILAR, BUT MIRRORS OF LINE B LAYOUTS. IT IS CRITICAL TO CHECK PEDESTAL, BASE PLATE AND ANCHOR LAYOUTS WITH METALLIC ANCHOR BOLT PLAN.

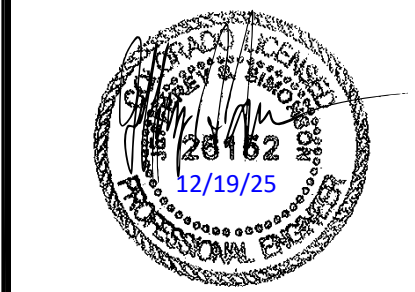
FOOTING PLAN

- Design and construction shall be in accordance with the requirements of the International Building Code, 2015 Edition (2015 IBC). Loads used in design are as follows:
 - Roof/Deck Snow LL = 40 psf
 - Ground Snow Load = 47 psf
 - Wind pressure based on 120 mph, 3 sec gust, Exposure C
 - Seismic Design Category C
 - Note that the loadings for columns are based upon the reactions provided by Metallic Building Systems Foundation Plan and Details dated 10/22/2025 as follows:
- The foundation design was prepared in accordance with the geotechnical report by Geo Quest Engineering, job number 25–134. Footings were designed for an allowable bearing pressure of 1500 psf and an equivalent fluid pressure of 50 pcf. Minimum footing widths = 16" for continuous footings and 24" for isolated pads. Footings shall bear on prepared soils a minimum of 36" below adjacent finished grade. From the Geo Quest report, "Due to a potential variation in soil consistencies, the recommendation of a minimum of 24 inches of the soil at the foundation bearing depth be removed, moisture conditioned and placed back with proper compaction control as described in section 7 Earthwork of their report." Subsurface drainage, excavation, backfilling, surface drainage, and compaction shall be done in accordance with the recommendations in the report. A representative of the soils engineer shall verify soil conditions and allowable soil bearing pressures at the time of excavation.
- Concrete shall reach a minimum compressive strength of 3000 psi in 28 days. All exterior slabs and walls shall have a minimum of 5% entrained air. Reinforcing shall be conformance with ASTM A615, Grade 60. All reinforcing shall be secured in place prior to concrete placement. Horizontal reinforcing in walls and footings shall be made continuous around corners by "L" bars, or by shop bending. Lap splices shall be a minimum of 36 bar diameters. Reinforcement shall be made continuous through all wall construction joints and steps. All slabs-on-grade shall be provided with sawcut control joints 1" deep at 15 ft on center each way, or poured with 1.5 lbs/cu. yd. Fibermesh in the mix. It is the responsibility of the owner / contractor to coordinate all embeds, penetrations, openings and to verify all plan dimensions prior to forming and placing concrete.

- Dimensions are to edge of steel framing or concrete, unless noted otherwise. All discrepancies shall be brought to the attention of the Engineer and Owner prior to construction. Review drawings from Metallic Building Systems for dimensioning of anchor bolt layout plan, building lines and face of steel.
- It is the responsibility of the Contractor to coordinate construction with all equipment and utilities, and verify sizes and locations before construction.
- STABILITY DURING ERECTION: Framing is not stable until all framing, connections, floors, and roofs have been installed and connected in accordance with these plans and the 2015 IBC. It is the responsibility of the contractor to provide temporary bracing to stabilize framing until the structure is complete.
- For anchor bolt/screw placement, refer to the Foundation Plan and Details prepared by Trachte Building Systems dated 9/9/2025, Plan No. P61348.



SGM
118 West Sixth Street, Suite 200
Glenwood Springs, CO 81601
970.945.1004 www.sgm-inc.com



Caliber Co.
Right Move Storage
Rifle, CO

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Job No. 2025-401.001

Drawn by: JSS

Date: 9/26/25

QC: JSS

PE: JSS

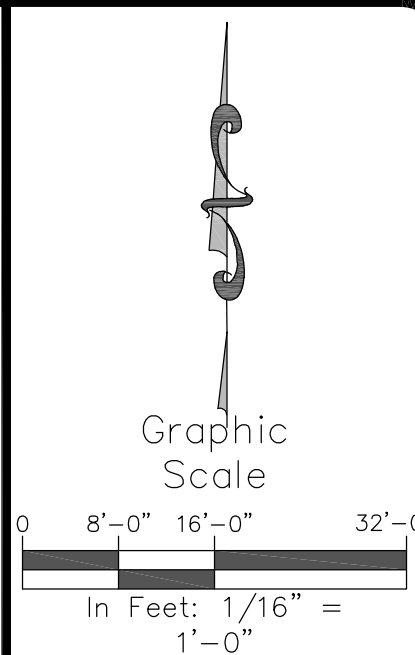
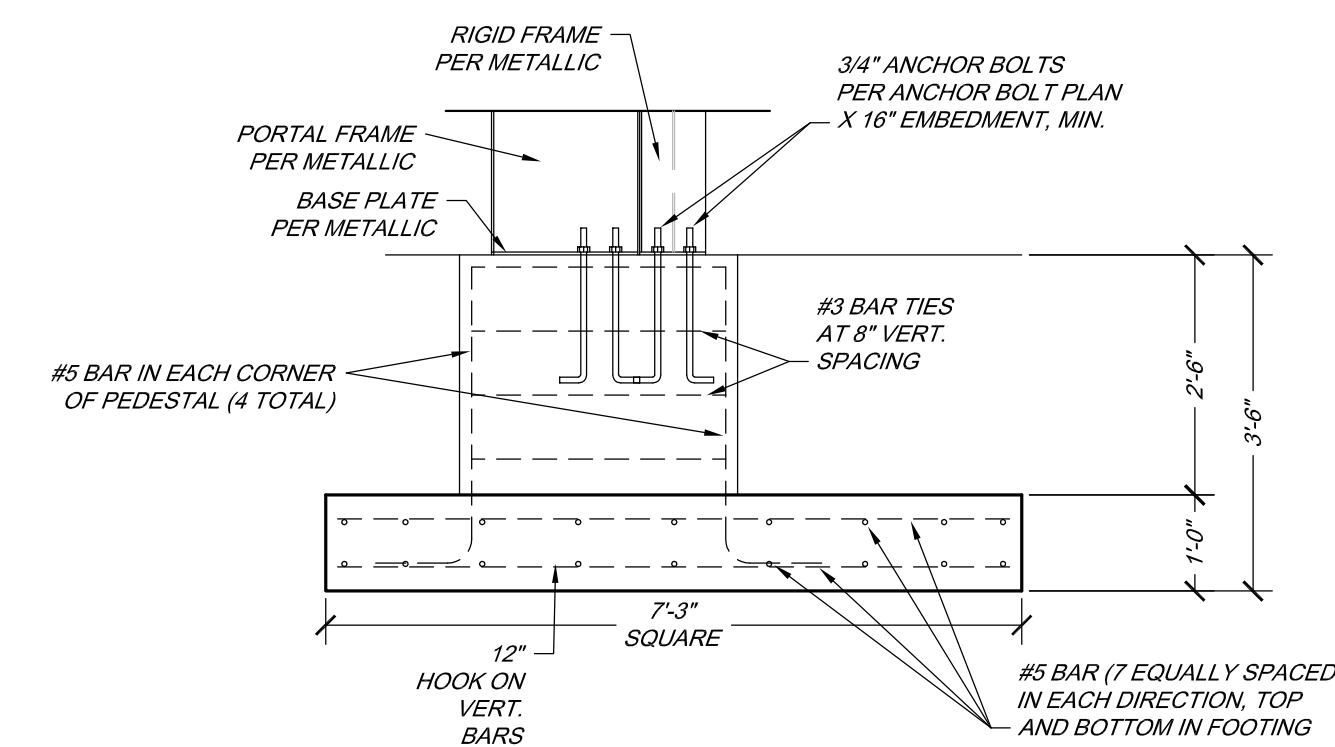
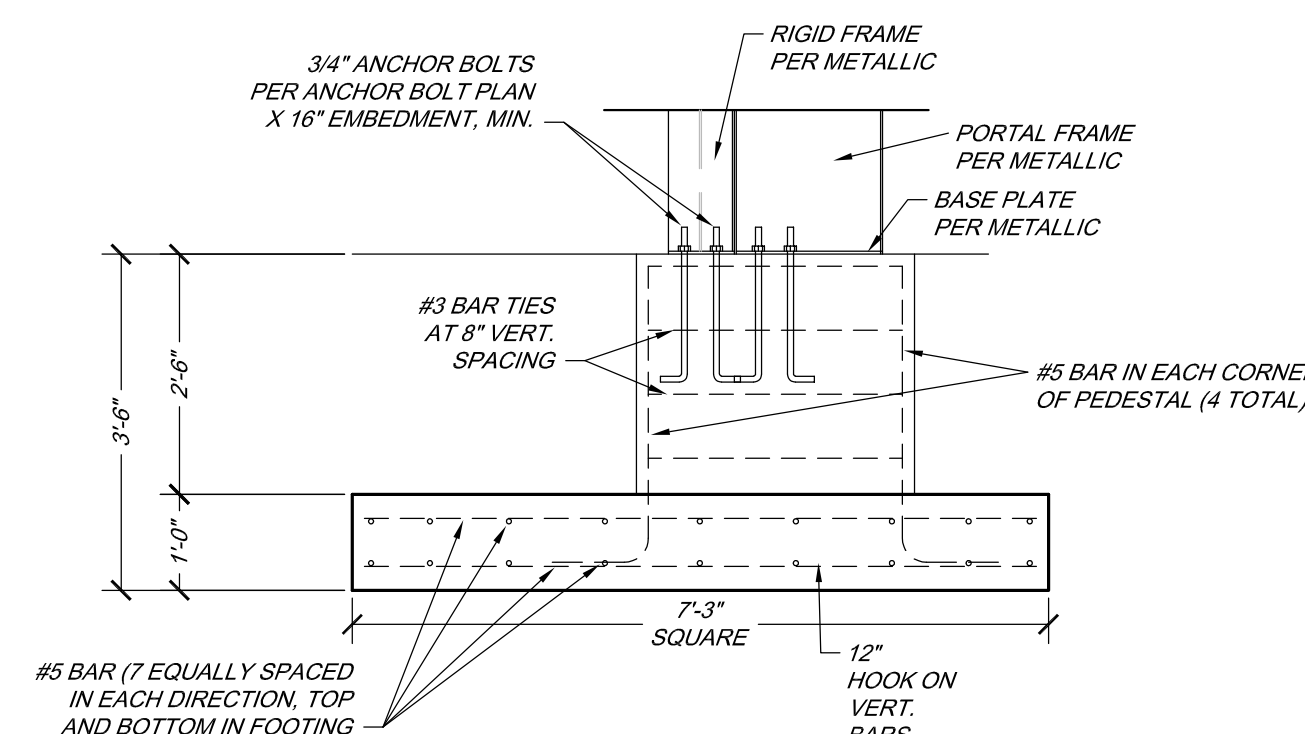
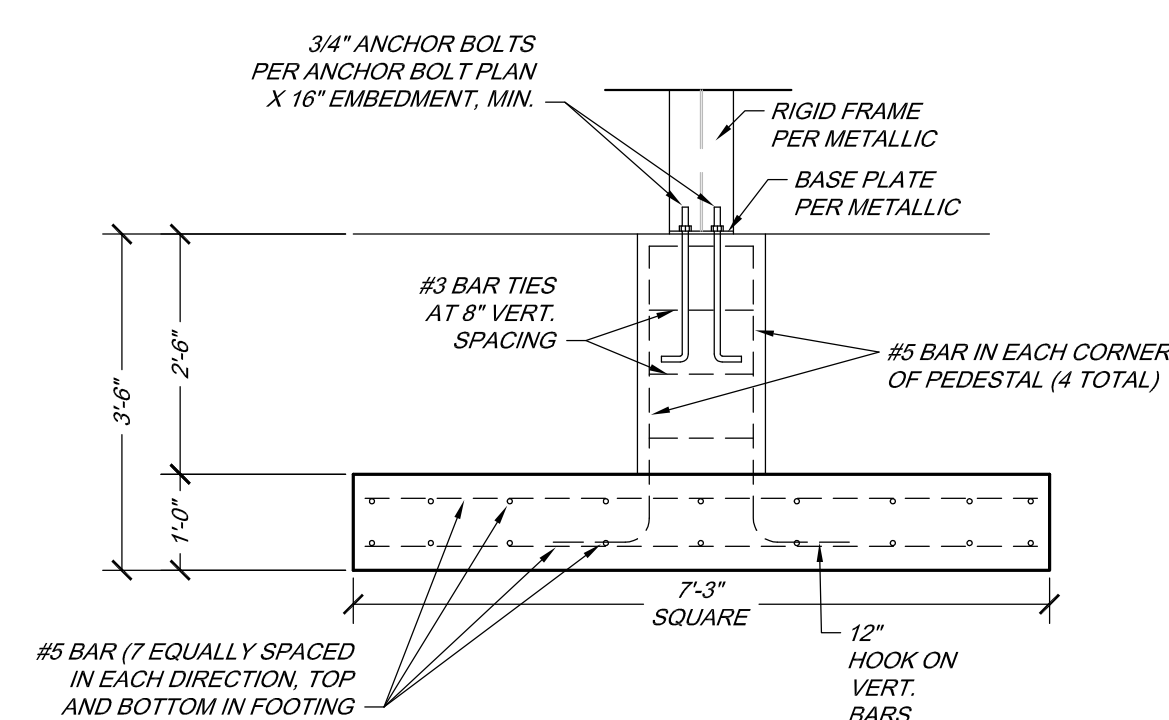
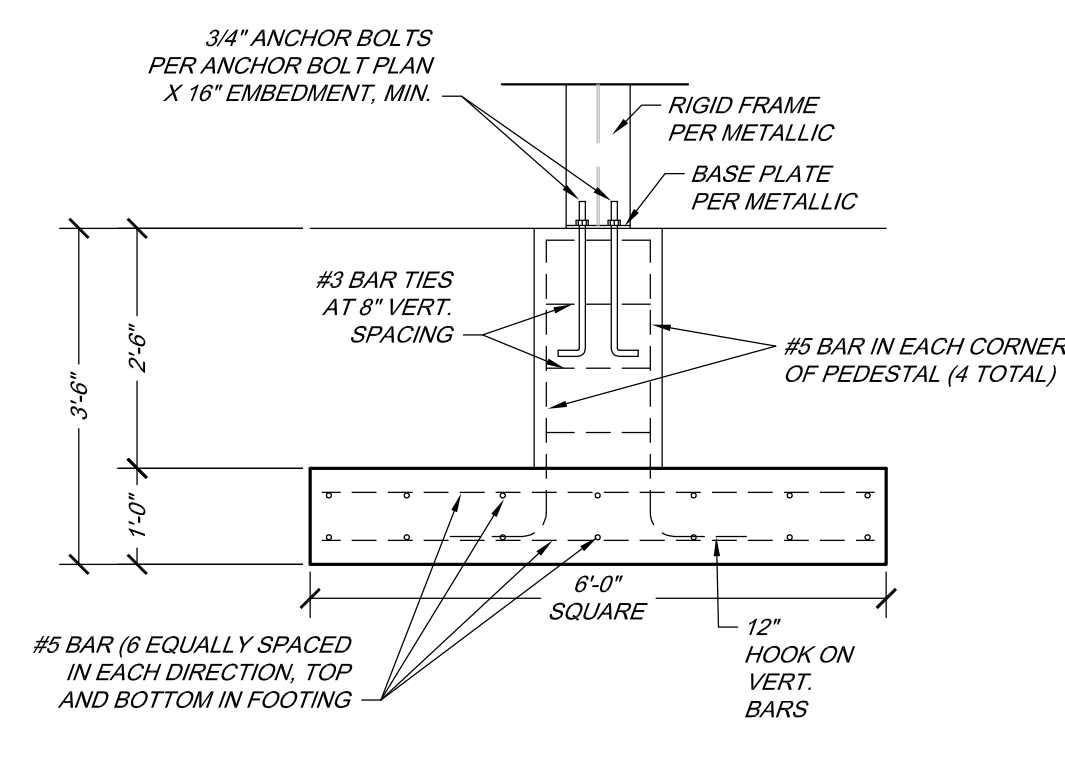
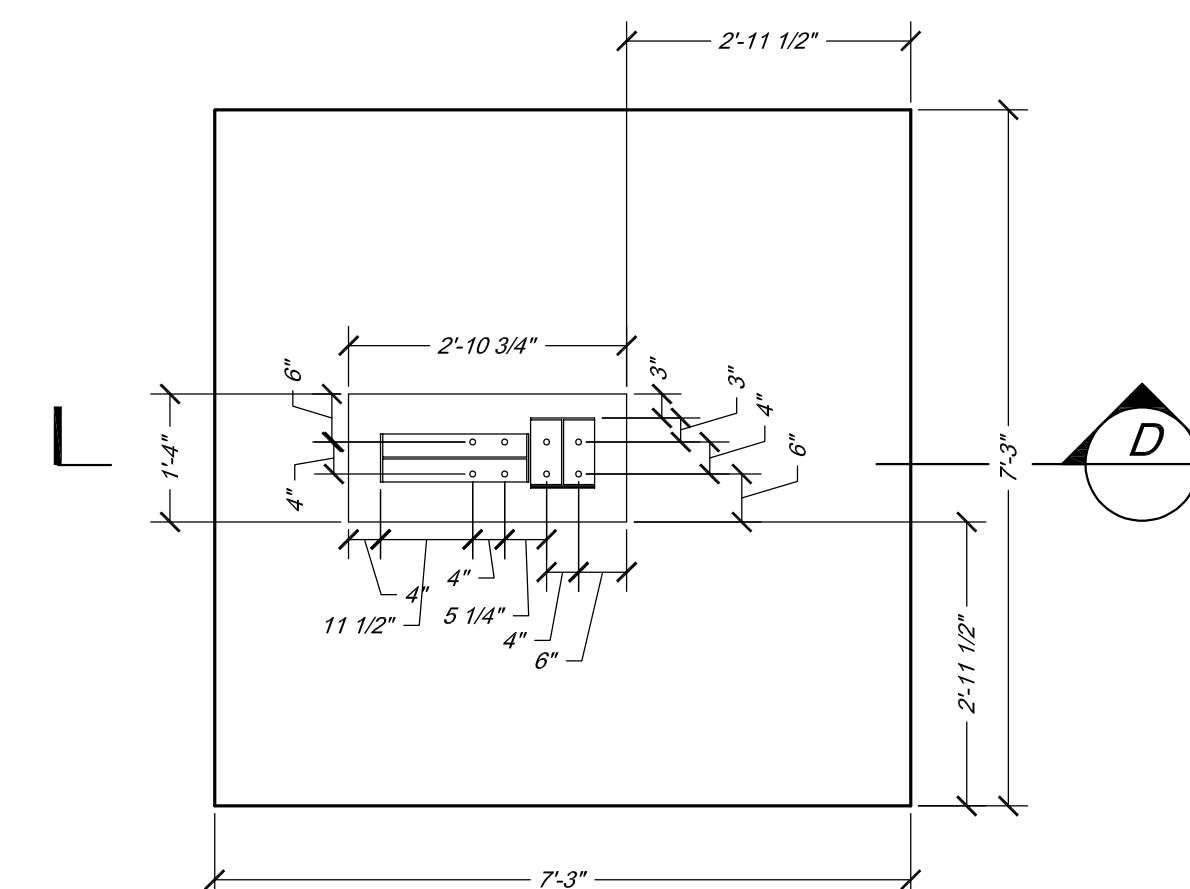
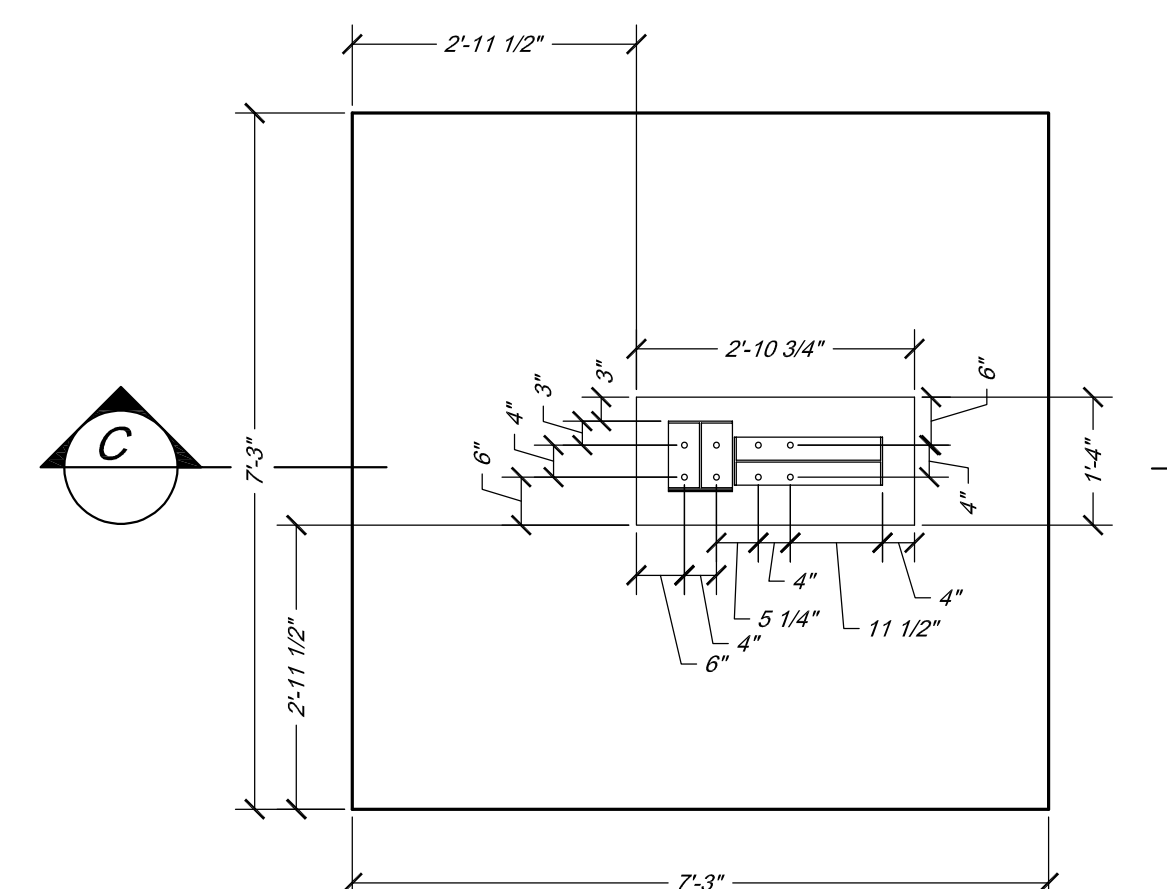
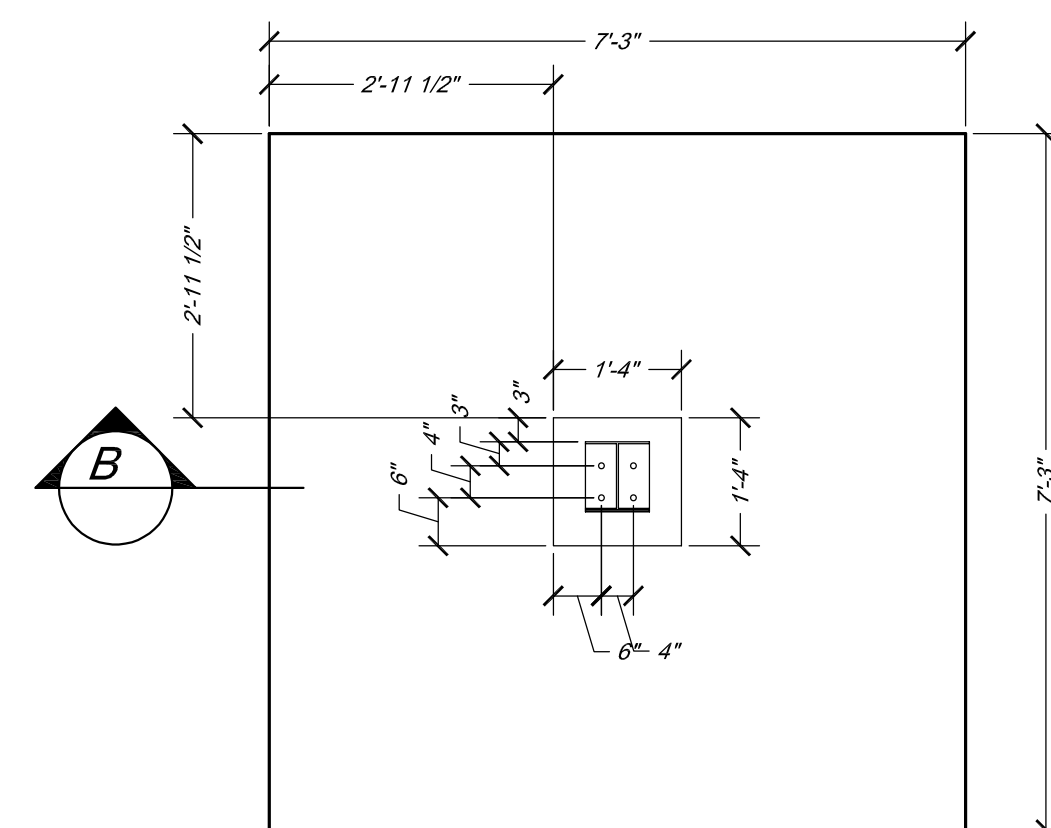
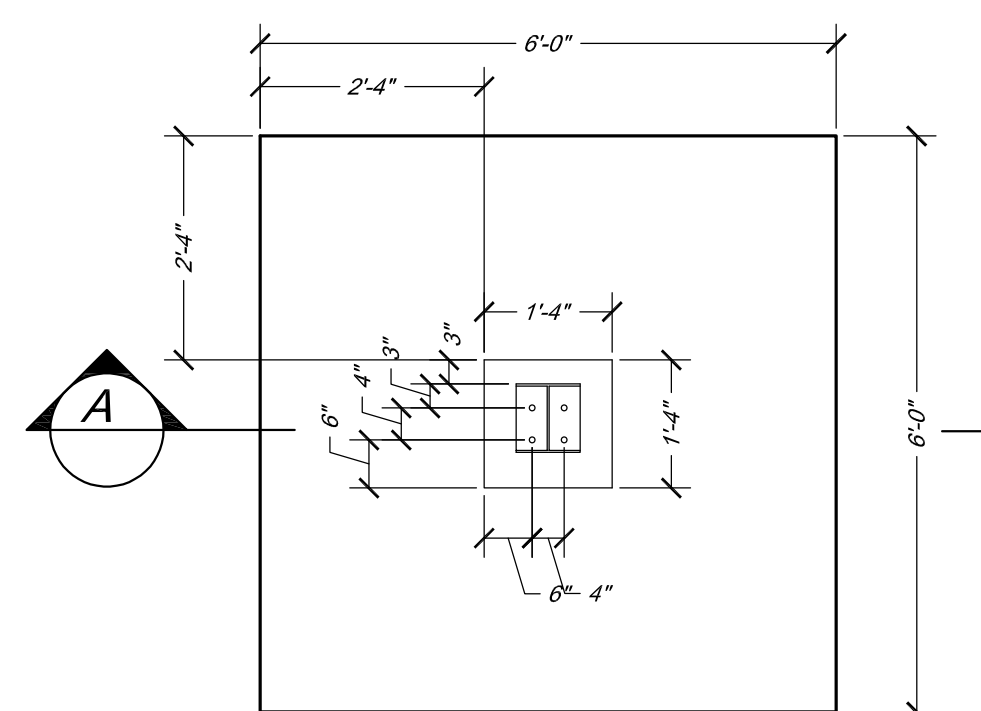
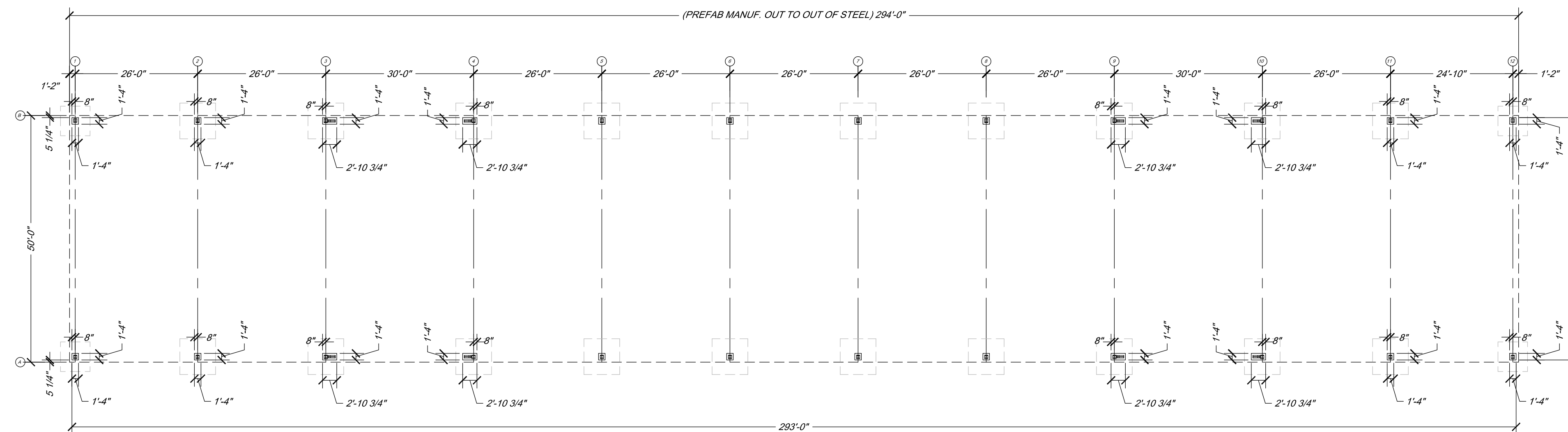
File: 2025-401BIM_Canopy Foundation

Project Milestone: Preliminary Not For Construction

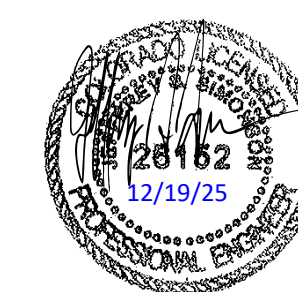
Canopy Footing Plan

S1

of: 3



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	Preliminary Not For Construction	
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Job No.	2025-401.0
Drawn by:	JS
Date:	9/26/2
QC:	PE: JS
File:	2025-401BM Canopy Foundation

Pedestal Layout
Plan

Dwg No. **S2**

Of: 3

Of: 3