

8FT CANTILEVER 13 (CBU) CANOPY



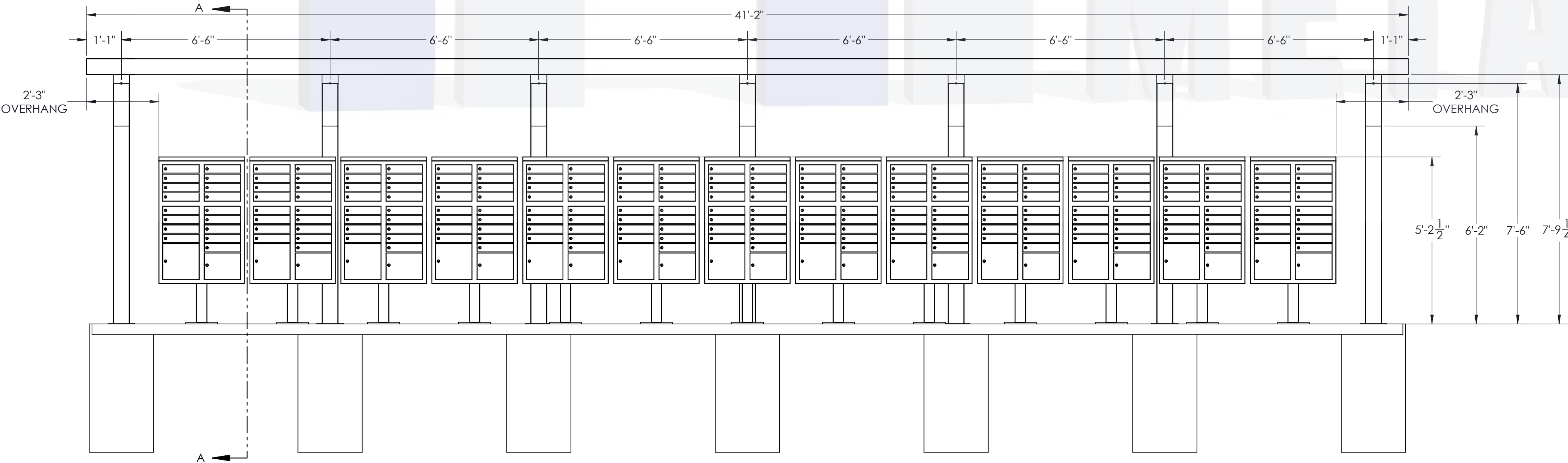
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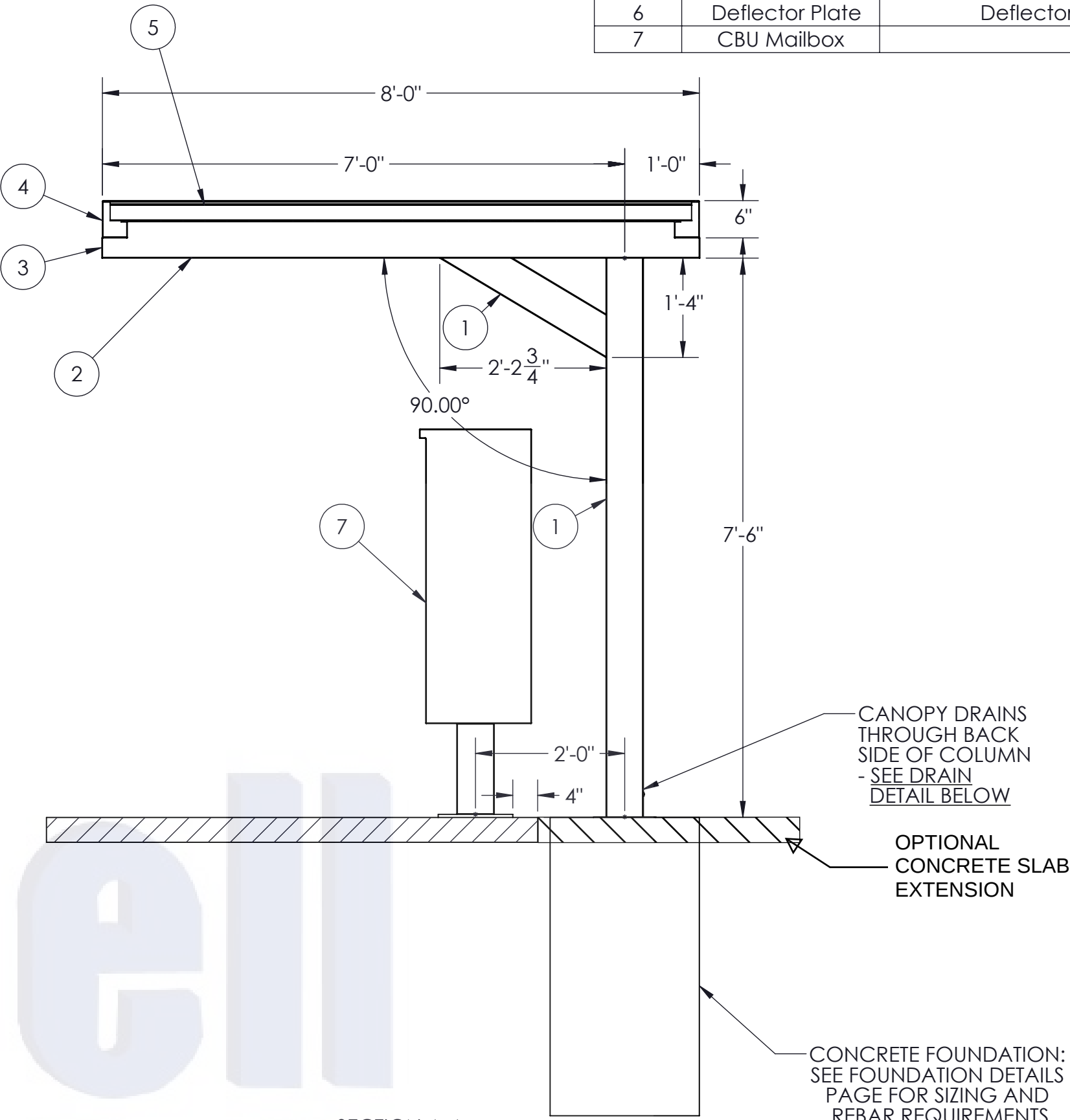
Architectural drawing of a long, narrow room layout. The room is 41'-2" long and 8'-0" wide. The layout consists of two rows of rectangular tables and chairs. The tables are 6'-6" long, and the chairs are 1'-1" wide. The spacing between the tables and chairs is 6'-6". The room has a double row of tables and chairs, with a 1'-0" gap between the rows. The room is divided into sections by vertical lines, with a 1'-1" gap between the sections. The room is labeled with dimensions: 41'-2" (length), 8'-0" (width), 6'-6" (table length), 1'-1" (chair width), and 6'-6" (spacing).

## TOP VIEW - NO DECKING FRAMING AND GUTTER LAYOUT

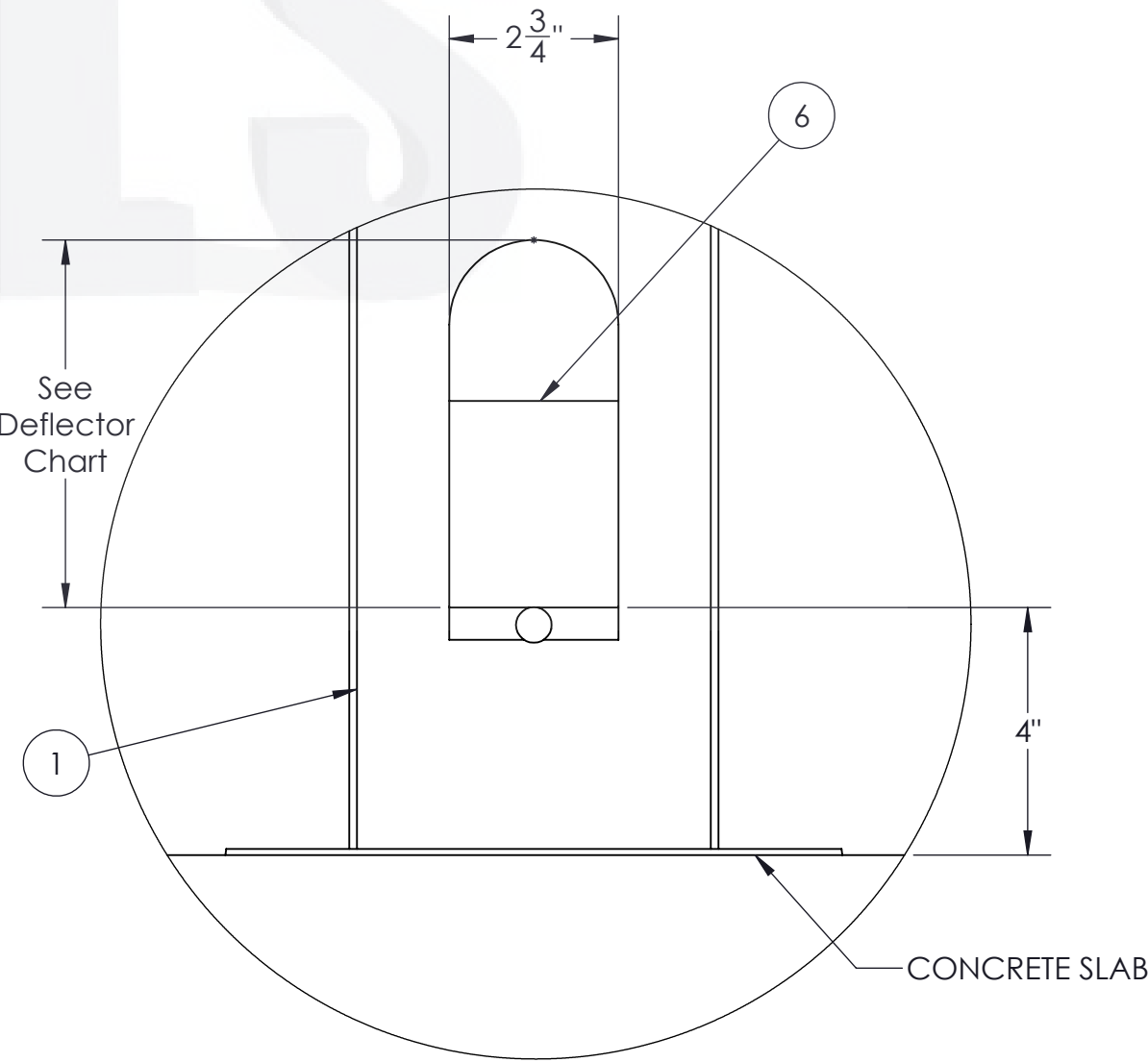


## ELEVATION VIEW

| ITEM NO. | PART NUMBER      | DESCRIPTION                         |
|----------|------------------|-------------------------------------|
| 1        | 6063-T6 Aluminum | Column (see page 3 for size)        |
| 2        | 6063-T6 Aluminum | Beam (see page 3 for size)          |
| 3        | 0.080" Aluminum  | Welded End Cap                      |
| 4        | 6063-T6 Aluminum | 4X6 GUTTER                          |
| 5        | Aluminum         | 3 x 12 x 0.032 Roll Formed Flat Pan |
| 6        | Deflector Plate  | Deflector Plate                     |
| 7        | CBU Mailbox      |                                     |



SECTION A-A  
SCALE 1 : 20  
**SECTION VIEW**



**COLUMN DRAIN  
HOLE DETAIL  
SCALE 1 : 3**

| Deflector Plate<br>Cutout Height | Column Size |
|----------------------------------|-------------|
| 4"                               | 4"x6"       |
| 6"                               | 6"x6"       |
| 6"                               | 6"x8"       |

STYLE:

### 13 CLUSTER BOX UNIT (CBU) CANOPY



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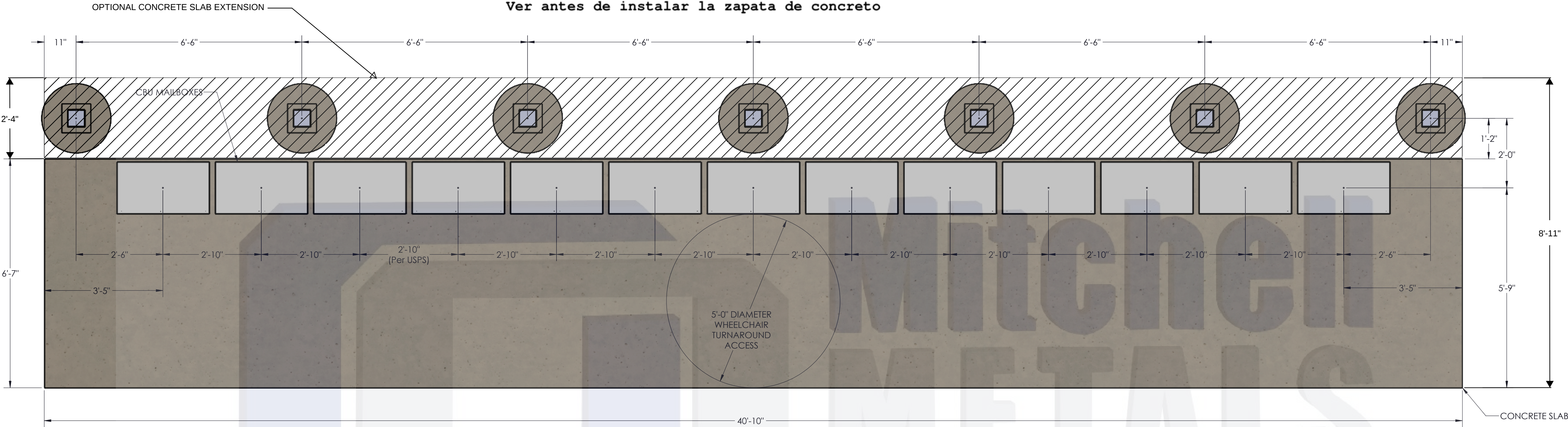
View before Footing and Blockout Installation



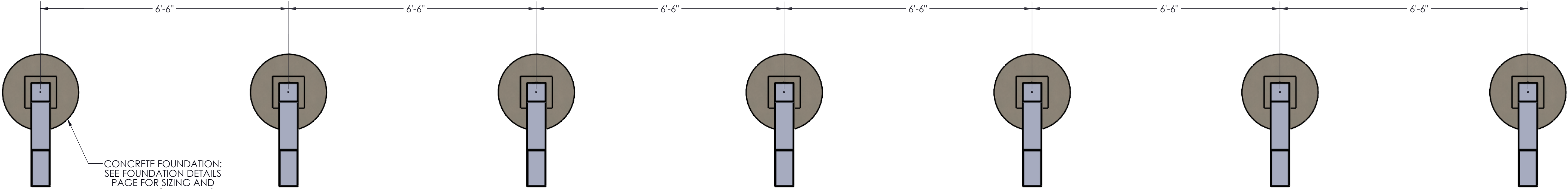
Ver antes de instalar la zapata de concreto

GENERAL NOTES:

- Max column height to be 9'-0". Canopy designed at 7'-6" to bottom of beam above finished concrete slab.
- See Foundation Details Page for concrete foundation design based on project location design criteria.
- Minimum footing size is based on 1500 PSF soil condtion.
- Adhere to all local building codes, including layout, foundation design and depth (i.e. frost line depth)
- Canopy designs comply with USPS Developers and Builders Guide.
- Any canopy lighting required is provided by others and may require additional canopy framing to support.
- Reference 2010 ADA Standards for Accessible Design for concrete pad design.
- Reference Mitchell Metals CBU Canopy Cover Specifications - Section 105500 - Postal Specialties
- DESIGN CRITERIA: IBC 2018, ASCE 7-16, ADM 2015, Exposure Category = B, Risk Category = II, Live Load = 20 psf
  - Wind = 115mph (max), Ground Snow Load = 30psf (max) - 6"x6"x0.150" Columns, 6"x6"x0.130" Beams
  - Wind = 140mph (max), Ground Snow Load = 5psf (max) - 6"x6"x0.150" Columns, 6"x6"x0.130" Beams
  - Wind = 170mph (max), Ground Snow Load = 5psf (max) - 6"x8"x0.188" Columns, 6"x6"x0.130" Beams.



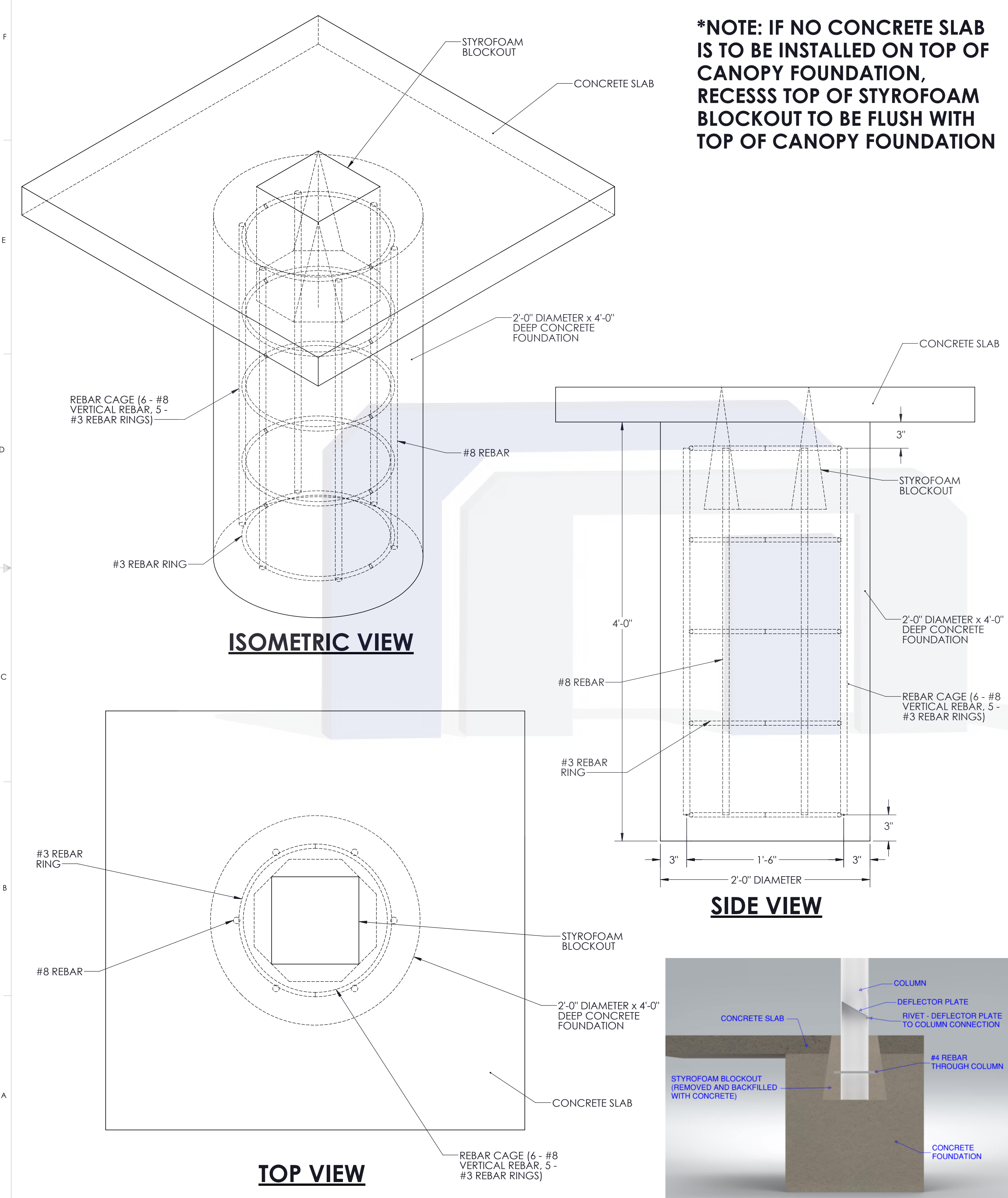
**TOP VIEW**  
**COLUMN/MAILBOX/CONCRETE LAYOUT**



**TOP VIEW LAYOUT**  
**FOOTING & BLOCKOUT**

STYLE:  
**13 CLUSTER BOX UNIT (CBU) CANOPY**

**Cantilever CBU Canopy Foundation Design** (Up to **115 mph** wind, Exp.=B, Risk Category = II, Ground Snow Load = 30psf AND Up to **140 mph** wind, Exp.=B, Risk Category = II, Ground Snow Load = 5psf



**Cantilever CBU Canopy Foundation Design** (Up to **170 mph** wind, Exp.=B, Risk Category = II, Ground Snow Load = =0psf

