

8FT CANTILEVER 16 (CBU) CANOPY



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Deflector Plate Cutout Height	Column Size
4"	4"x6"
6"	6"x6"
6"	6"x8"

STYLE: **16 CLUSTER BOX UNIT (CBU) CANOPY**



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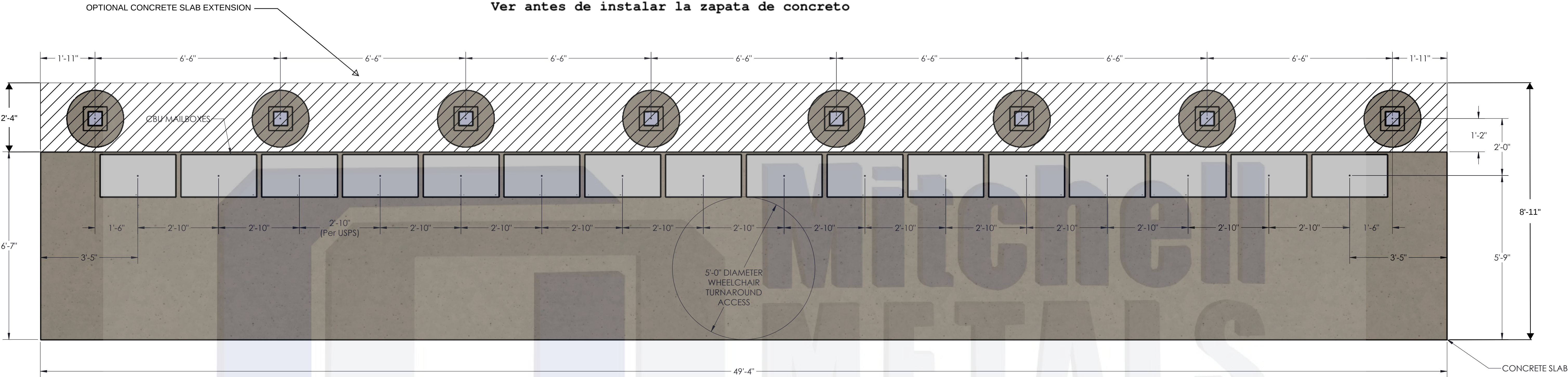
View before Footing and Blockout Installation



Ver antes de instalar la zapata de concreto

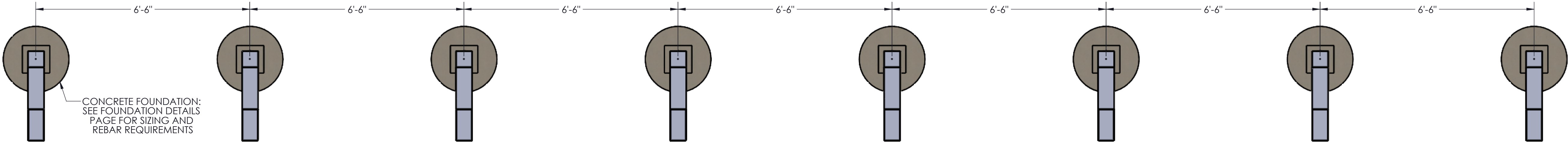
GENERAL NOTES:

- 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 condition.
- 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



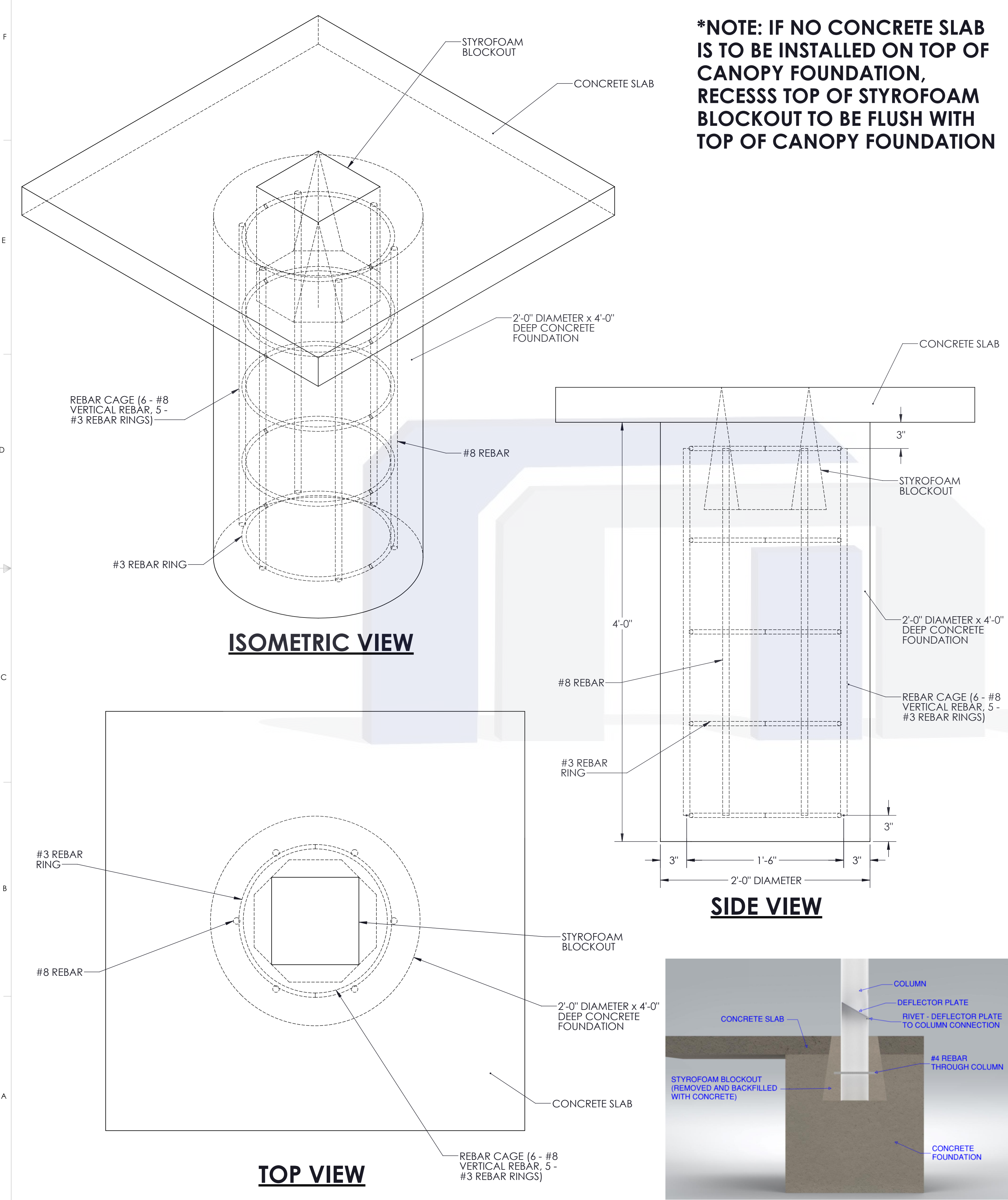
TOP VIEW LAYOUT

FOOTING & BLOCKOUT

STYLE:

16 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

