8FT CANTILEVER 15 (CBU) CANOPY





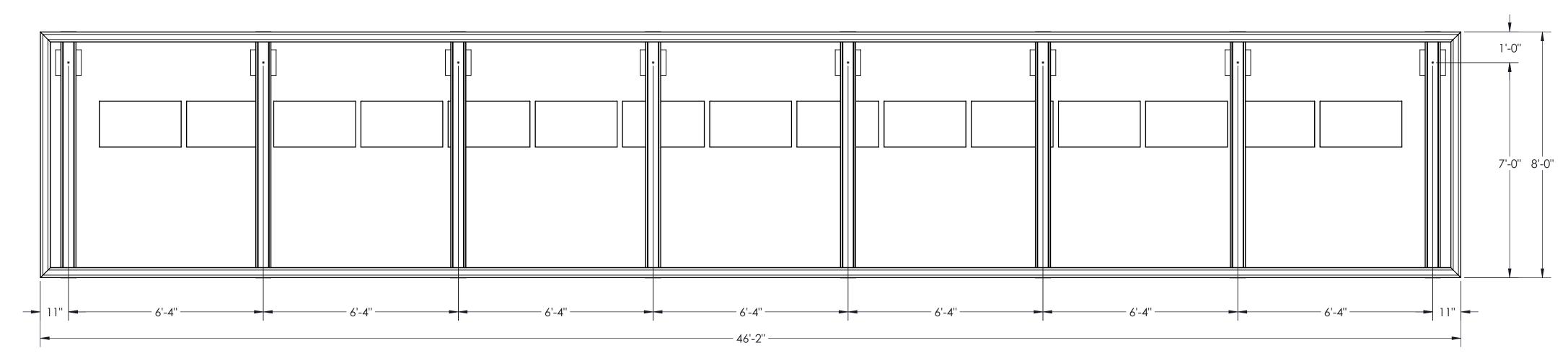
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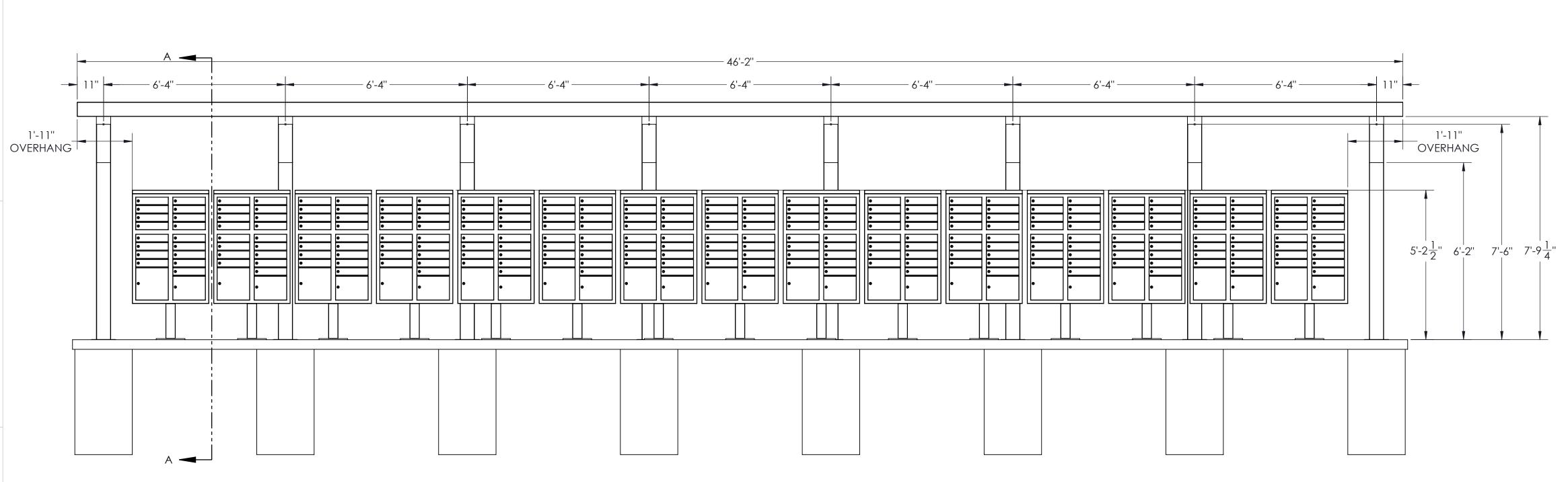


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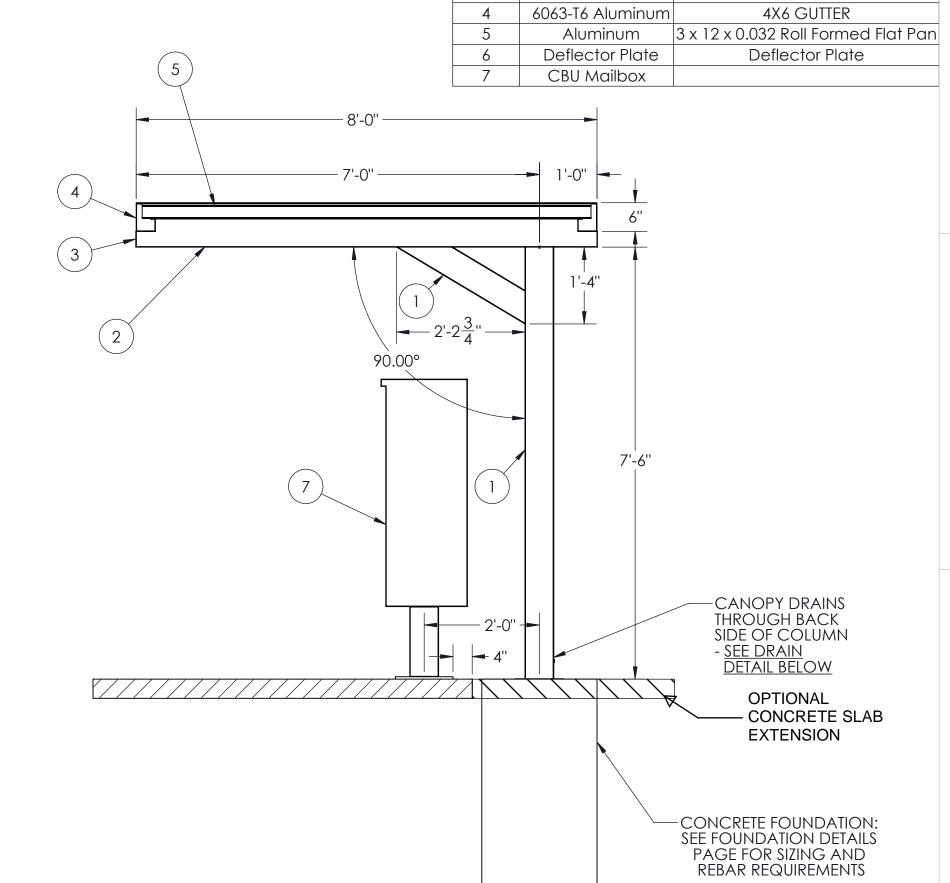
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TOP VIEW - NO DECKING FRAMING AND GUTTER LAYOUT



ELEVATION VIEW



ITEM NO.

PART NUMBER

6063-T6 Aluminum

6063-T6 Aluminum

0.080" Aluminum

DESCRIPTION

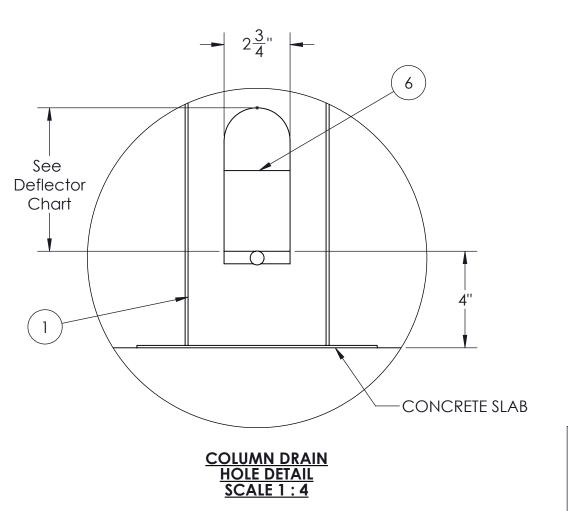
Column (see page 3 for size)

Beam (see page 3 for size)

Welded End Cap

SECTION VIEW

SECTION A-A SCALE 1 : 20



Deflector Plate
Cutout Height

4" 4"x6"

6" 6"x6"

6"x8"

STYLE:

15 CLUSTER BOX UNIT (CBU) CANOPY



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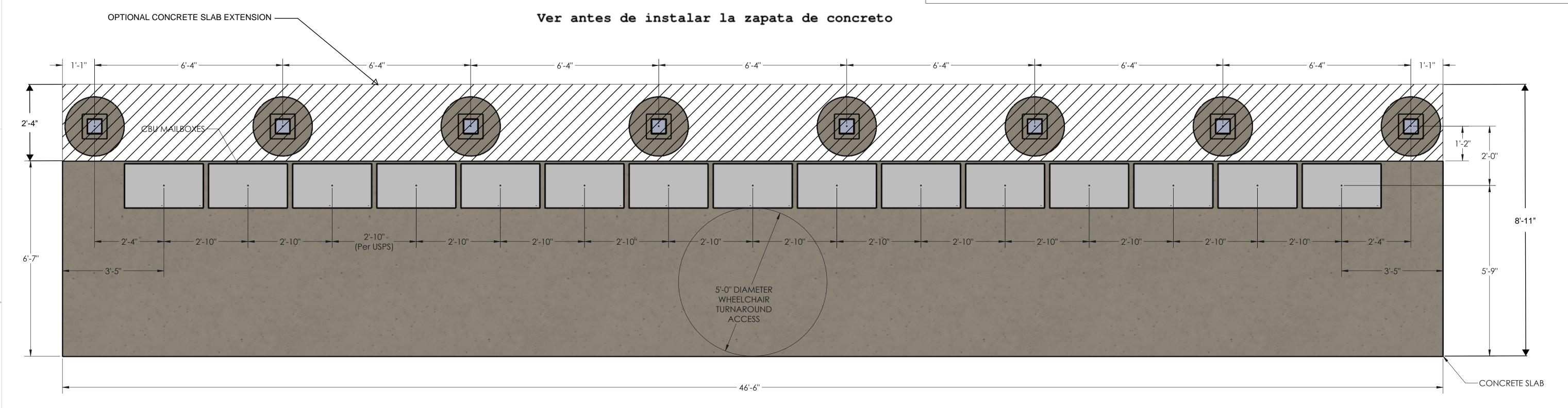
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View before Footing and Blockout Installation

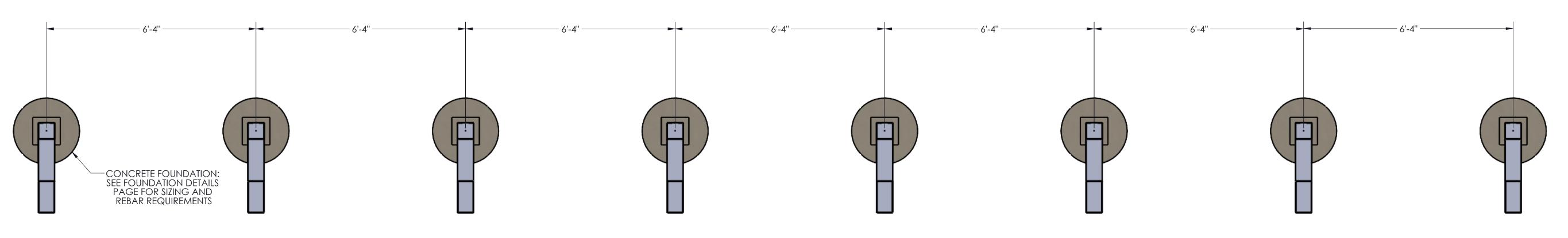


GENERAL NOTES:

- 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:

Cantilever CBU Canopy Foundation Design (Up to 115 mph wind, Exp.=B, Risk Category = II, Cantilever CBU Canopy Foundation Design (Up to 170 mph wind, Exp.=B, Risk Category = II, Ground Snow Load = 30psf AND Up to 140 mph wind, Exp.=B, Risk Category = II, Ground Ground Snow Load = =0psf Snow Load = 5psf *NOTE: IF NO CONCRETE SLAB *NOTE: IF NO CONCRETE SLAB -STYROFOAM BLOCKOUT IS TO BE INSTALLED ON TOP OF IS TO BE INSTALLED ON TOP OF -STYROFOAM BLOCKOUT CANOPY FOUNDATION, CANOPY FOUNDATION, CONCRETE SLAB RECESSS TOP OF STYROFOAM RECESSS TOP OF STYROFOAM -CONCRETE SLAB **BLOCKOUT TO BE FLUSH WITH BLOCKOUT TO BE FLUSH WITH** TOP OF CANOPY FOUNDATION TOP OF CANOPY FOUNDATION CONCRETE SLAB -2'-0" DIAMETER x 4'-0" DEEP CONCRETE FOUNDATION -2'-0" DIAMETER x 5'-6" DEEP CONCRETE FOUNDATION CONCRETE SLAB REBAR CAGE (6 - #8 VERTICAL REBAR, 6 -#3 REBAR RINGS) REBAR CAGE (6 - #8 VERTICAL REBAR, 5 -#3 REBAR RINGS) #8 REBAR #8 REBAR -STYROFOAM BLOCKOUT STYROFOAM BLOCKOUT #3 REBAR RING-#3 REBAR RING-—2'-0" DIAMETER x 5'-6" DEEP CONCRETE FOUNDATION #8 REBAR--2'-0" DIAMETER x 4'-0" DEEP CONCRETE FOUNDATION **ISOMETRIC VIEW** 5'-6'' #8 REBAR -REBAR CAGE (6 - #8 VERTICAL REBAR, 5 -**ISOMETRIC VIEW** -REBAR CAGE (6 - #8 VERTICAL #3 REBAR RINGS) REBAR, 6 - #3 REBAR RINGS) #3 REBAR RING—— #3 REBAR RING—— #3 REBAR RING—— #3 REBAR RING—— 2'-0" DIAMETER -STYROFOAM BLOCKOUT **SIDE VIEW** -STYROFOAM BLOCKOUT 2'-0" DIAMETER #8 REBAR---2'-0" DIAMETER x 5'-6" DEEP CONCRETE FOUNDATION **SIDE VIEW** - DEFLECTOR PLATE ---2'-0" DIAMETER x 4'-0" DEEP CONCRETE FOUNDATION RIVET - DEFLECTOR PLATE
TO COLUMN CONNECTION **CONCRETE SLAB** -#8 REBAR--CONCRETE SLAB #4 REBAR THROUGH COLUMN TYROFOAM BLOCKOUT REBAR CAGE (6 - #8 VERTICAL REBAR, 6 -#3 REBAR RINGS) (REMOVED AND BACKFILLED – WITH CONCRETE) This document is property of Mitchell Metals, LLC. -CONCRETE SLAB Modifications to this document are prohibited without prior written consent from Mitchell Metals, LLC. CONCRETE FOUNDATION REBAR CAGE (6 - #8 VERTICAL REBAR, 5 -**TOP VIEW TOP VIEW** CBU CANOPY FOUNDATION DESIGNS #3 REBAR RINGS) 3