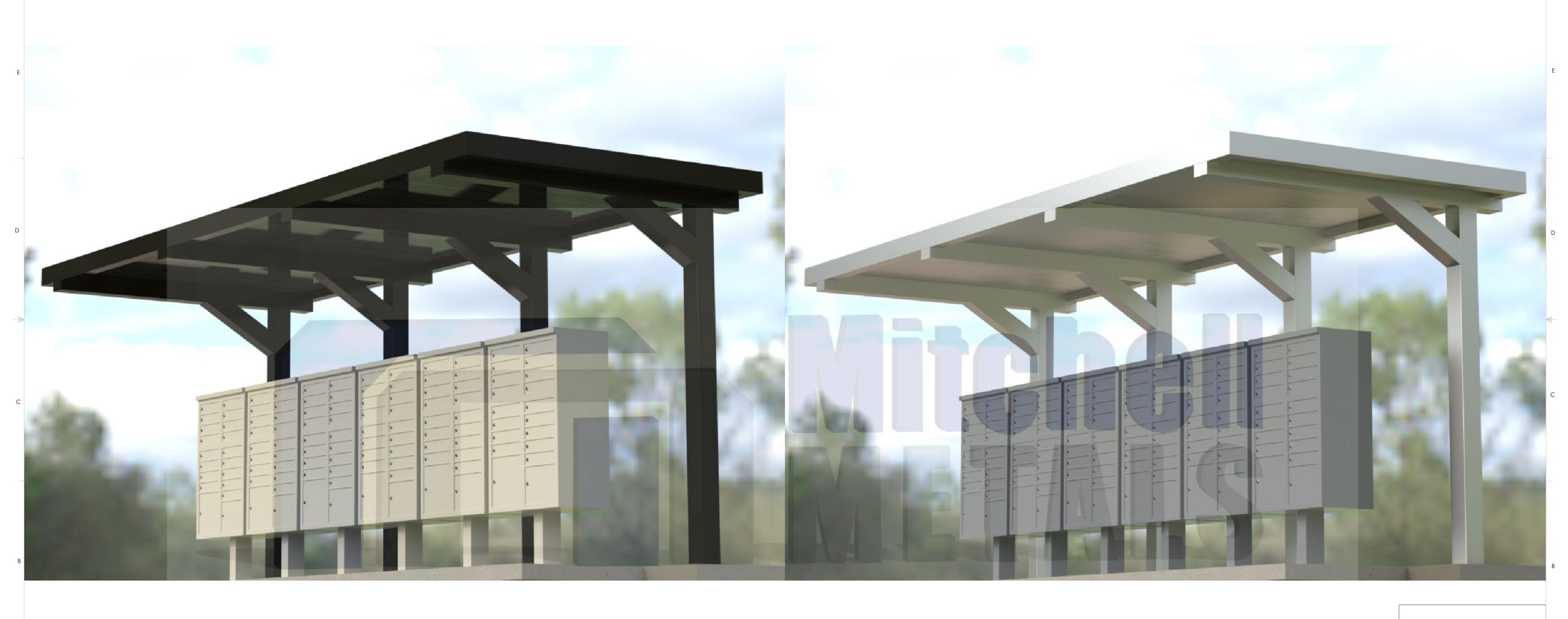
8FT CANTILEVER 6 (CBU) CANOPY

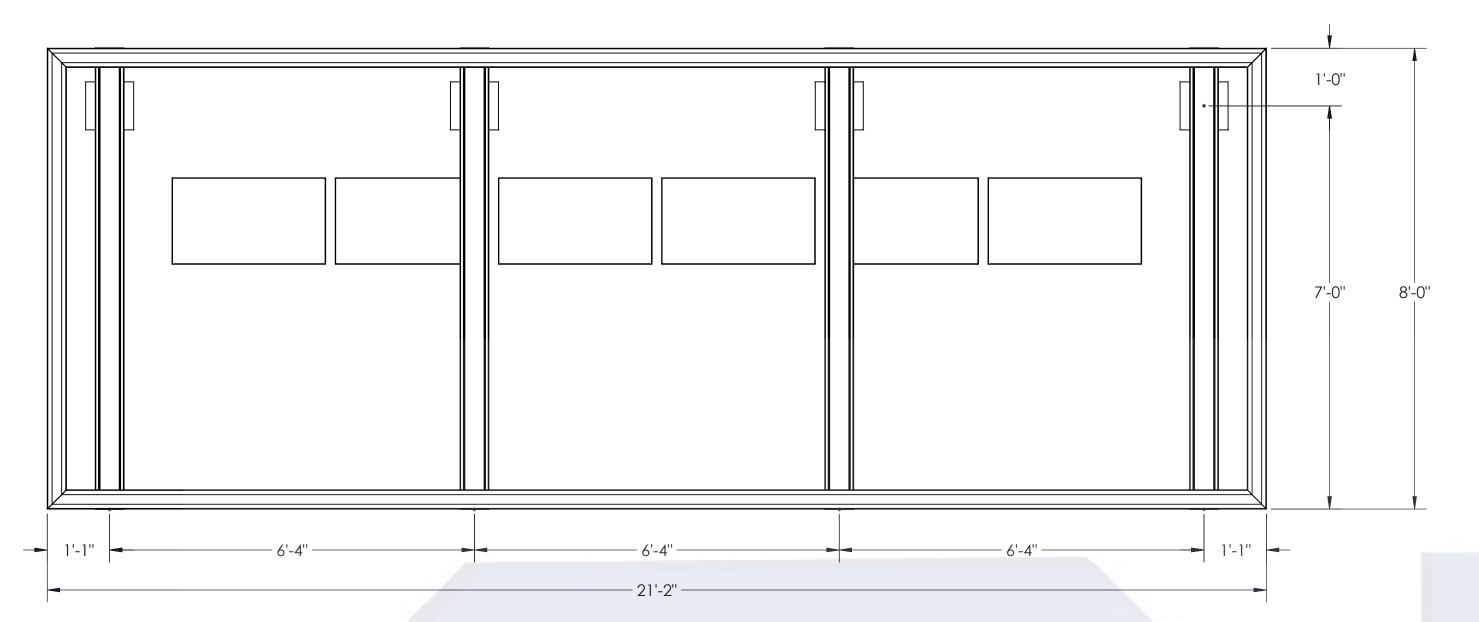




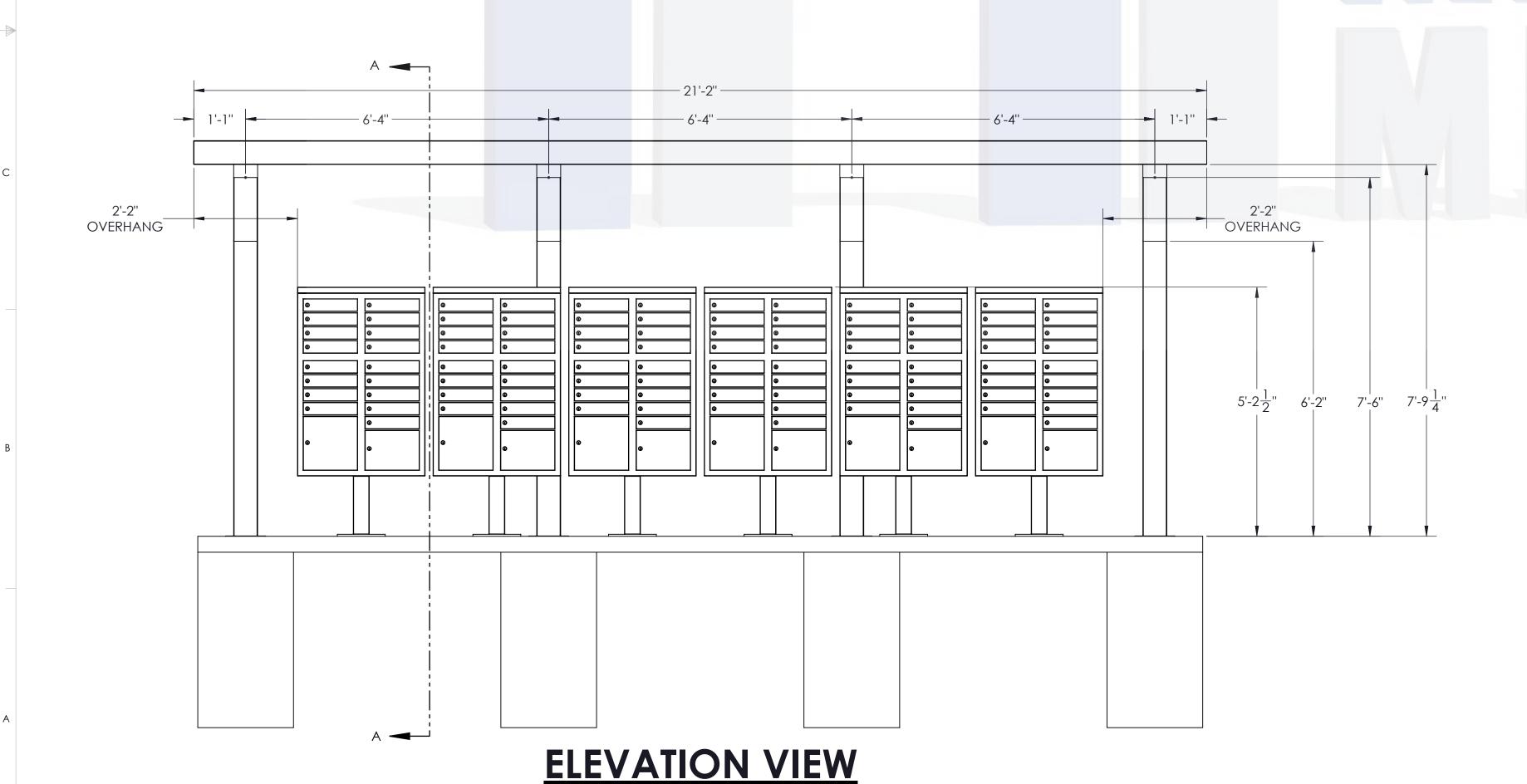


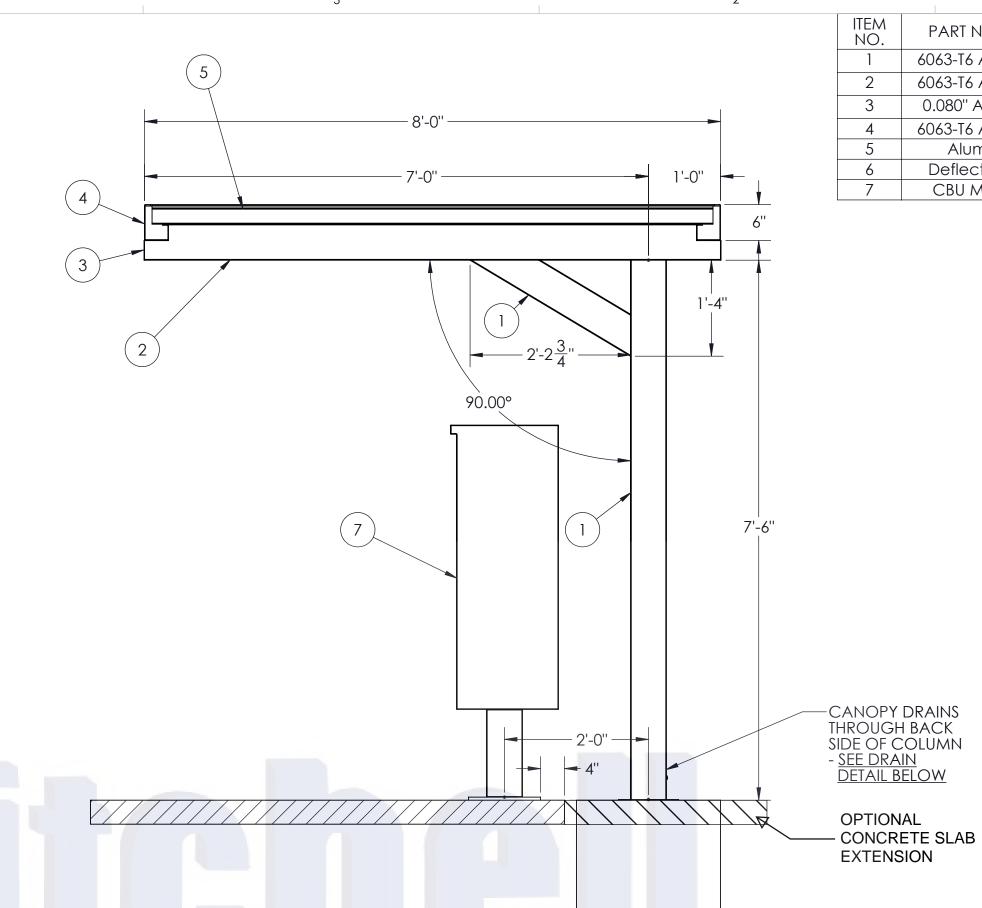
1761 McCoba Drive, Suite A, Smyrna, GA 30080 Phone: (770) 431-7300 Fax: (770) 431-7305

This document is property of Mitchell Metals, LLC. Modications to this document are prohibited without prior written consent from Mitchell Metals, LLC.

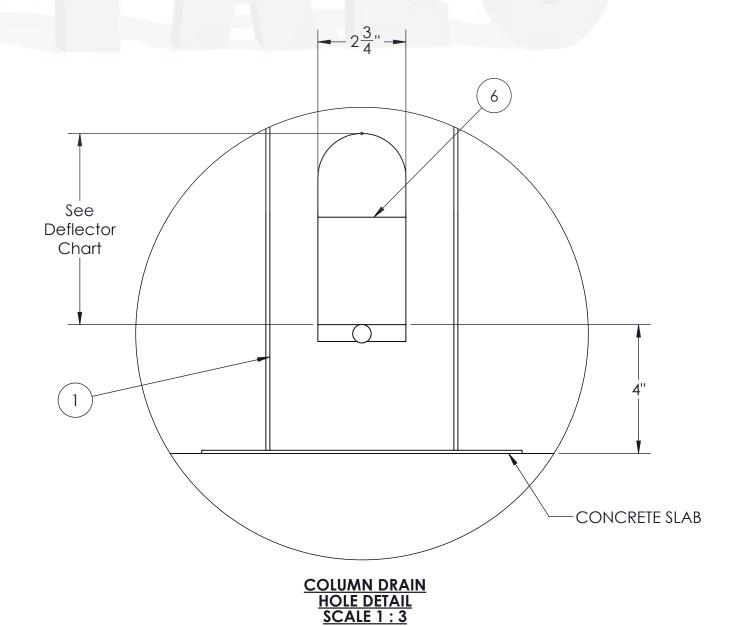


TOP VIEW - NO DECKING FRAMING AND GUTTER LAYOUT





SECTION A-A SCALE 1:16 **SECTION VIEW**



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

6 CLUSTER BOX UNIT (CBU) CANOPY

DESCRIPTION

Column (see page 3 for size)

Beam (see page 3 for size) Welded End Cap

4X6 GUTTER

3 x 12 x 0.032 Roll Formed Flat Pan

Deflector Plate

PART NUMBER

6063-T6 Aluminum

6063-T6 Aluminum

0.080" Aluminum

6063-T6 Aluminum

Aluminum Deflector Plate

CBU Mailbox

-CONCRETE FOUNDATION: SEE FOUNDATION DETAILS PAGE FOR SIZING AND REBAR REQUIREMENTS



1761 McCoba Drive, Suite A, Smyrna, GA 30080 Phone: (770) 431-7300 Fax: (770) 431-7305

OPTIONAL CONCRETE SLAB EXTENSION

This document is property of Mitchell Metals, LLC. Modications to this document are prohibited without prior written consent from Mitchell Metals, LLC.

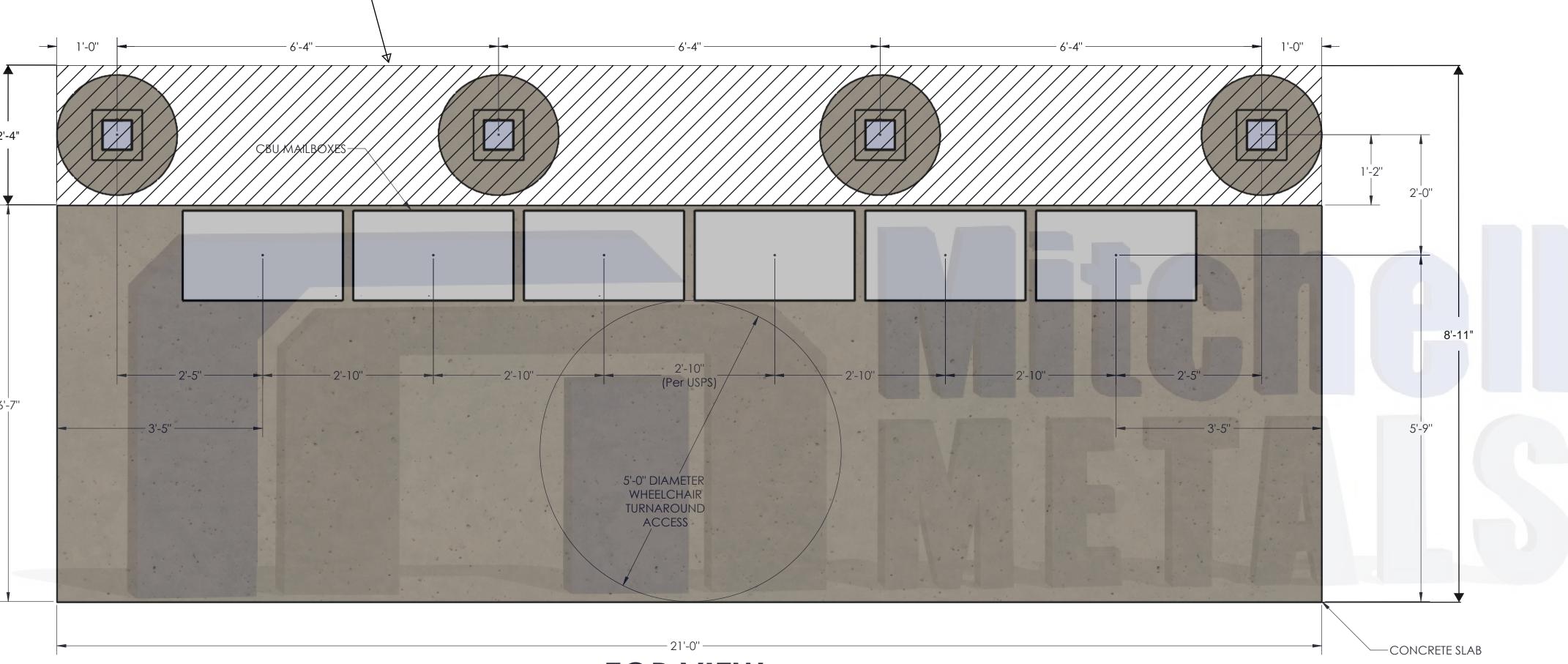
View before Footing and Blockout Installation

Ver antes de instalar la zapata de concreto

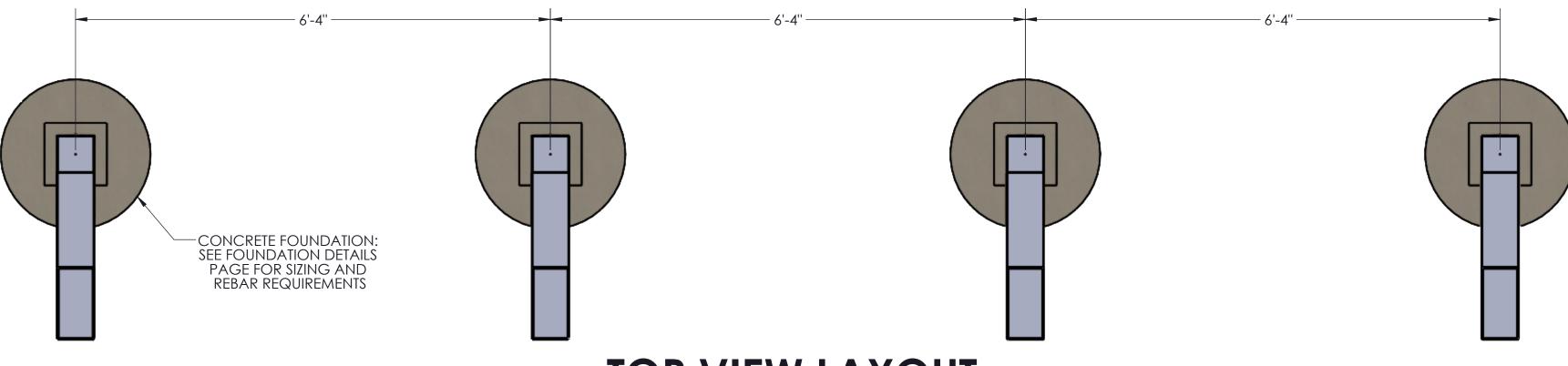


GENERAL NOTES:

- 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

STYI

6 CLUSTER BOX UNIT (CBU) CANOPY

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 -STYROFOAM BLOCKOUT **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 -#3 REBAR RINGS) **ISOMETRIC VIEW** -REBAR CAGE (6 - #8 VERTICAL 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