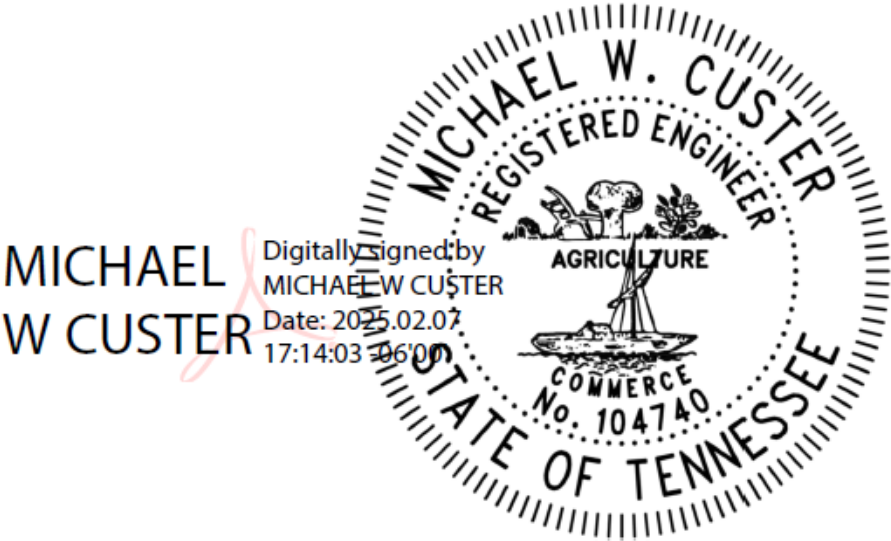


GENERAL NOTES

1. DESIGN IS BASED ON: INTERNATIONAL BUILDING CODE 2018 & ASCE 7-16
- LIVE LOAD = 20 psf
- GROUND SNOW LOAD = 10 psf $C_T = 1.2, C_E = 1.0, I = 1.0$
- FREE STANDING CANOPIES ARE FAR AWAY FROM BUILDING WITH NO POSSIBILITY FOR A SNOW DRIFT SURCHARGE.
- CANOPIES ARE NOT DESIGNED TO STAND/WALK ON.
- COLLATERAL LOAD = 0 psf
- WIND Vult = 105 mph
BUILDING RISK CATEGORY II EXPOSURE C
- ASD DESIGN METHOD USED. ALL FORCES SHOWN ARE ASD & WORST CASE SCENARIO.
- DEAD LOAD = AS OCCURS
- SEISMIC = SITE CLASS D (IMPORTANCE FACTOR 1.0) $S_S = 0.852, S_1 = 0.301$
 $S_{D5} = 0.681, S_{D1} = N/A$
- INVERTED PENDULUM SYSTEM
- EQUIVALENT LATERAL FORCE PROCEDURE
 $V = .33W$
2. FASTENER: ALL FASTENERS TO BE SELF-TAPPING SCREWS, HEX HEAD WITH COMPOSITE ALUM.-NEOPRENE WASHERS, THE ALUMN. PORTION OF WHICH HAS MIN. DIMENSIONS OF 0.050 IN. THICKNESS AND 5/8 IN. OD, OR WITH A STAINLESS STEEL-NEOP. WASHER, THE STAINLESS STEEL PORTION OF WHICH HAS MIN. DIMENSIONS OF 0.038 IN. (20 GA) THICKNESS AND 5/8 IN. OD. ALL FASTENERS GREATER THAN 1/4" TO BE BOLTS WITH NUTS & WASHERS AS SPECIFIED.
3. DESIGN OF ALUMINUM COMPONENTS IN ACCORDANCE WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" BY "THE ALUMINUM ASSOCIATION, INC."
4. DISSIMILAR METALS MUST BE SEPARATED BY PAINTING WITH BITUMINOUS PAINT OR OTHER ACCEPTABLE COATING OR NEOPRENE GASKET MATERIAL TO PREVENT GALVANIC ACTION.
5. ALL ALUMINUM EXTRUSIONS: ALLOY 6063-T6: MINIMUM YIELD 25 KSI (USED FOR ALL STRUCTURAL MEMBERS), U.N.O.
6. ALL PANELS TO SLOPE 1/4" PER FOOT MINIMUM.
7. AT ALL CONNECTIONS, USE A MIN. EDGE DISTANCE OF 2 TIMES THE DIA. OF THE FASTENER AND A MIN. SPACING OF 2.5 TIMES THE DIA. OF THE FASTENERS.
8. COLUMN HEIGHT NOT TO EXCEED 11'-0" ABOVE FOOTING/SLAB.



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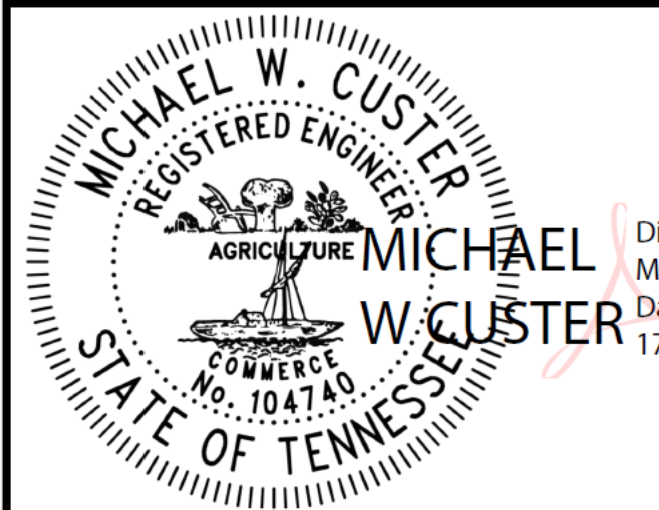


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SECNET Canopy Plan Dimensions STAMPED SIGNED TENNESSEE	
SIGN	MICHAEL W. CUSTER, P.E. 642 OAKBEND DRIVE COPPELL, TX 75019
DATE	02-11-2025
SHEET - 1 OF 6	

REV. 12/5/24 - DMH
PER ENGINEER REVIEW

REV. 2/7/25 - DMH
PER ENGINEER REVIEW



Digitally signed by
MICHAEL W CUSTER
Date: 2025.02.07
17:14:38 -06'00'

- ☐ 6" X 2¹³/₁₆" X .050 R/F ALUM. GUTTER
SPECIFY FINISH

☒ PAINTED WHITE
☐ PAINTED IVORY
☐ PAINTED DARK BRONZE
☐ PAINTED MATTE BLACK
- ☐ 12" X 3" X .032 R/F ALUM. FLAT-PAN
SPECIFY FINISH

☐ IVORY ON TOP
WHITE ON BOTTOM
☐ WHITE ON TOP
IVORY ON BOTTOM
☐ WHITE ON TOP
DARK BRONZE ON BOTTOM
☒ WHITE ON TOP
MATTE BLACK ON BOTTOM
- ☐ 4" X 4" X .125 EXT. ALUM. POST
SPECIFY FINISH

☒ PAINTED WHITE
☐ PAINTED IVORY
☐ PAINTED DARK BRONZE
☐ PAINTED MATTE BLACK
- ☐ P203 10" X 3" X .156/.188 EXT. ALUM. C-BEAM
SPECIFY FINISH

☒ PAINTED WHITE
☐ PAINTED IVORY
☐ PAINTED DARK BRONZE
☐ PAINTED MATTE BLACK
- ☐ 2" X 3" X .020 R/F ALUM. DOWNSPOUT
SPECIFY FINISH

☒ PAINTED WHITE
☐ PAINTED IVORY
☐ PAINTED DARK BRONZE
☐ PAINTED MATTE BLACK

- DIMENSIONS SHOWN ON THIS DRAWING HAVE BEEN PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FIELD VERIFY DIMENSIONS, OBSTRUCTIONS, ETC. AND NOTE ANY DISCREPANCIES ON THIS DRAWING PRIOR TO APPROVAL.
- FOOTINGS AND FOUNDATIONS SHALL BE DESIGNED IN ACCORDANCE WITH LOCAL SOIL CONDITIONS AND BUILDING CODE REQUIREMENTS. FOUR SEASONS BUILDING PRODUCTS IS NOT RESPONSIBLE FOR DESIGN OR CONSTRUCTION OF FOOTINGS OR FOUNDATIONS.
- AUXILIARY LOADING SUCH AS DRAINAGE FROM ADJACENT STRUCTURES, THE ATTACHMENT OF LIGHTING FIXTURES, ETC. HAS NOT BEEN INCLUDED IN THE DESIGN LOAD OF THIS CANOPY AND FOUR SEASONS BUILDING PRODUCTS WILL NOT BE RESPONSIBLE FOR THE PERFORMANCE OF THIS CANOPY IF SUCH AUXILIARY LOADS ARE APPLIED.
- DRAINAGE SHALL BE THE RESPONSIBILITY OF THE INSTALLER. A MINIMUM OF ONE 2" DIAMETER (3.14 SQ. IN.) UNRESTRICTED DRAIN OPENING MUST BE PROVIDED FOR EACH 200 SQ. FT. OF CANOPY AREA. PLEASE NOTE, THIS IS BASED ON AN AVERAGE AMOUNT OF RAINFALL. CHECK THE ARCHITECTURAL SHEET METAL MANUAL FOR RAINFALL AMOUNTS IN YOUR AREA. YOUR AREA MAY REQUIRE MORE DRAINAGE. ALL CANOPIES MUST BE INSTALLED WITH A MINIMUM OF 1/2" PER FOOT FOR PROJECTIONS GREATER THAN 10 FEET.
- FASTENERS FOR ATTACHMENT TO ADJACENT STRUCTURES AND FOUNDATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLER, SUBJECT TO FINAL APPROVAL OF THE ARCHITECT.
- ALL SPECIAL CUTS AND MITERS (NOT 90 DEGREES OR 45 DEGREES) TO BE FIELD-CUT BY INSTALLER, ODD-ANGLED CORNERS ON GUTTER MAY BE FACTORY-MITERED ONLY IF EXACT LENGTHS AND DEGREE OF ANGLES SUPPLIED BY CONTRACTOR. PLEASE NOTE, SOME CUTTING OF MATERIAL AND DRILLING OF HOLES MAY BE REQUIRED ON JOBSITE BY INSTALLER.
- INSTALLER TO SEAL ALL MITERS AND JOINTS WATERTIGHT WITH SUPPLIED SEALANT.
- COAT ALUMINUM COLUMN ENDS, EMBEDDED IN CONCRETE, WITH BITUMINOUS PAINT OR OTHER INSULATING COATING OR USE NON-CORROSIVE GROUT TO AVOID DIRECT ALUMINUM TO CONCRETE CONTACT.
- HARDWARE (BOLTS, BRACKETS, ETC.) MAY BE IN MILL FINISH AND CAN BE FIELD PAINTED, BY OTHERS.
- INSTALLER/CONTRACTOR SHALL VERIFY THAT MATERIAL IS FREE FROM SCRATCHES, BLEMISHES, AND/OR COLOR VARIATIONS PRIOR TO INSTALLATION. INSTALLATION SHALL BE CONSIDERED ACCEPTANCE OF MATERIAL. SOME EXTRUDED PANS MAY EXPERIENCE LESS PAINT COVERAGE ON TOP DUE TO PAINT LINE LIMITATIONS.
- COMMERCIAL CANOPIES ARE SUBJECT TO APPROX. 8 TO 24 WEEKS LEAD TIME DEPENDING ON FINISH AND AFTER RECEIPT OF FINAL APPROVED SHOP DRAWINGS.

GENERAL NOTES

COVER SHEET

GENERAL CONTRACTOR:

ARCHITECT:

PURCHASE ORDER #

COLOR/FINISH SELECTION

PLEASE ALLOW 4-5 BUSINESS DAYS AFTER RECEIPT OF APPROVED SHOP DRAWINGS FOR SMP TO PROVIDE AN ESTIMATED TIME FOR DELIVERY. (SEE GENERAL NOTE #11)

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DATE	02-11-2025
SHEET - 2 OF 6	

D

C

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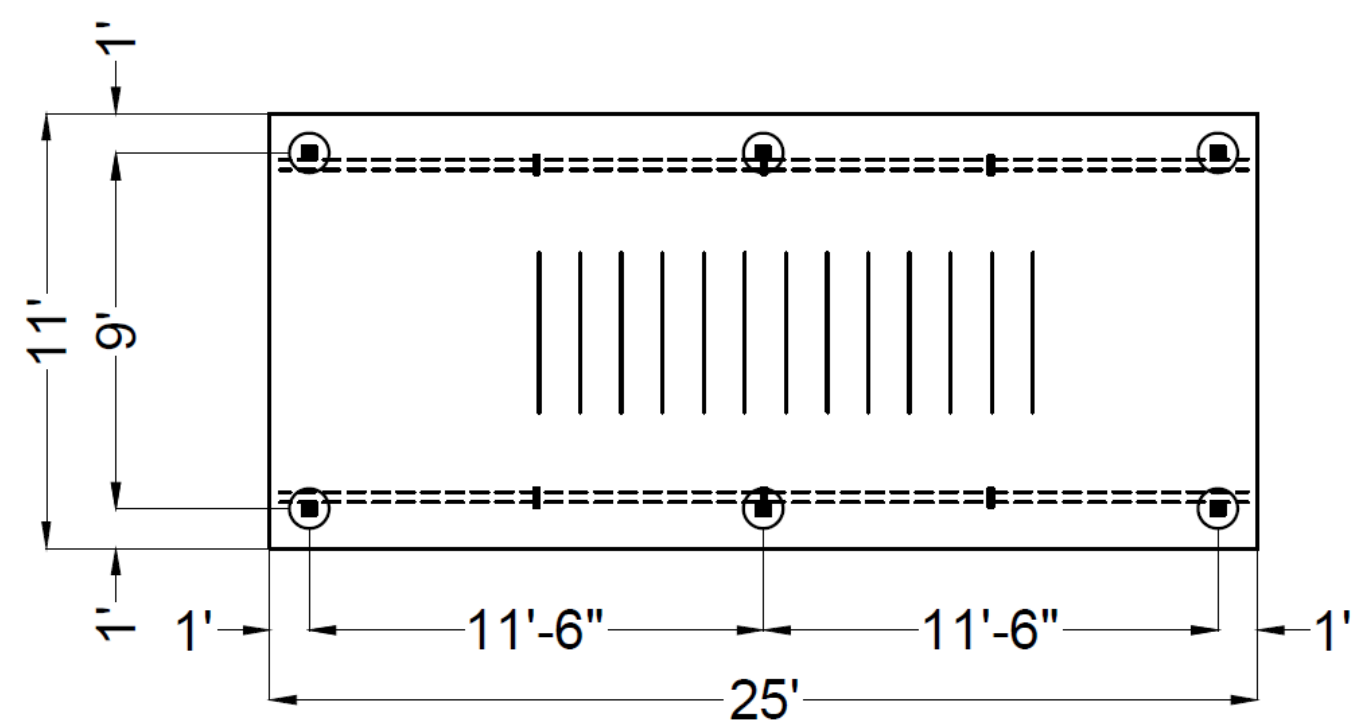
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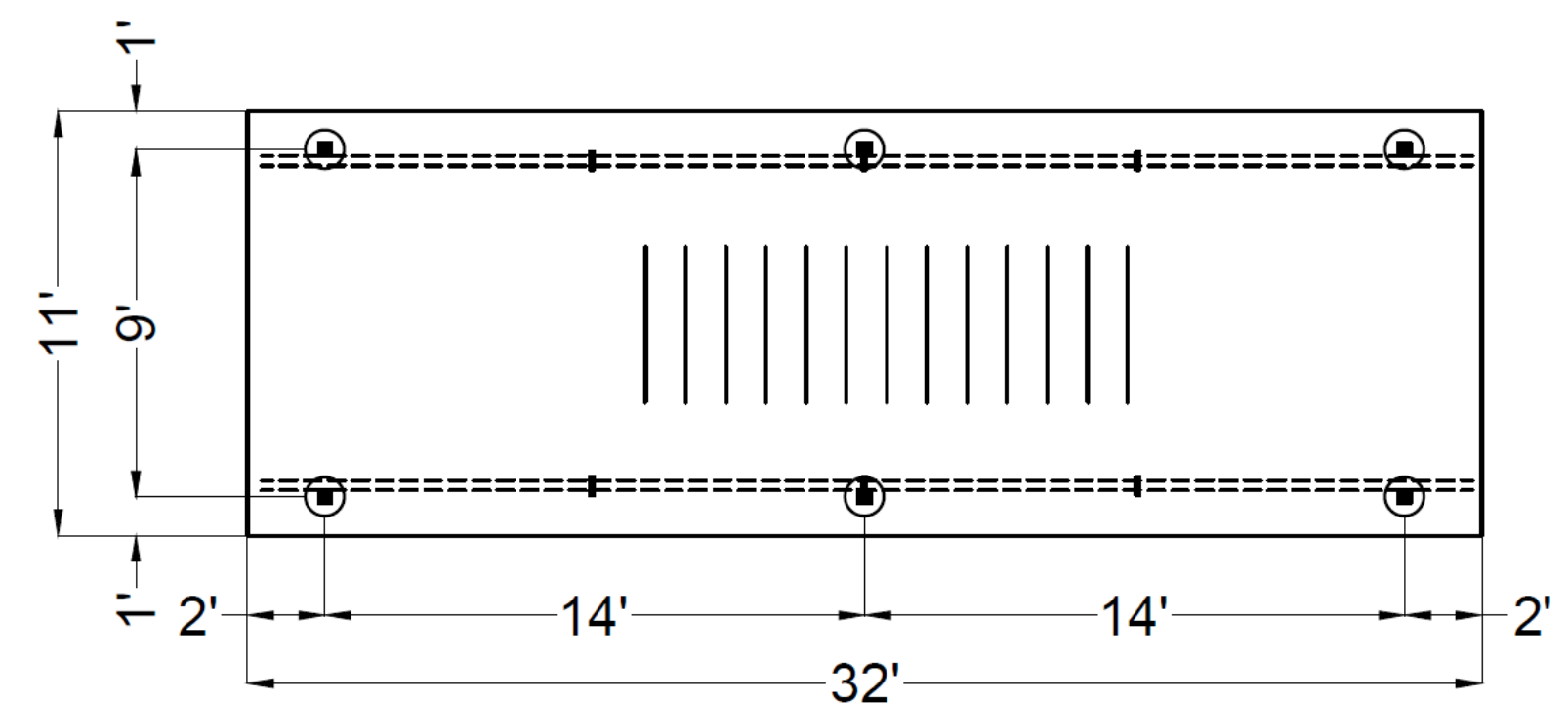
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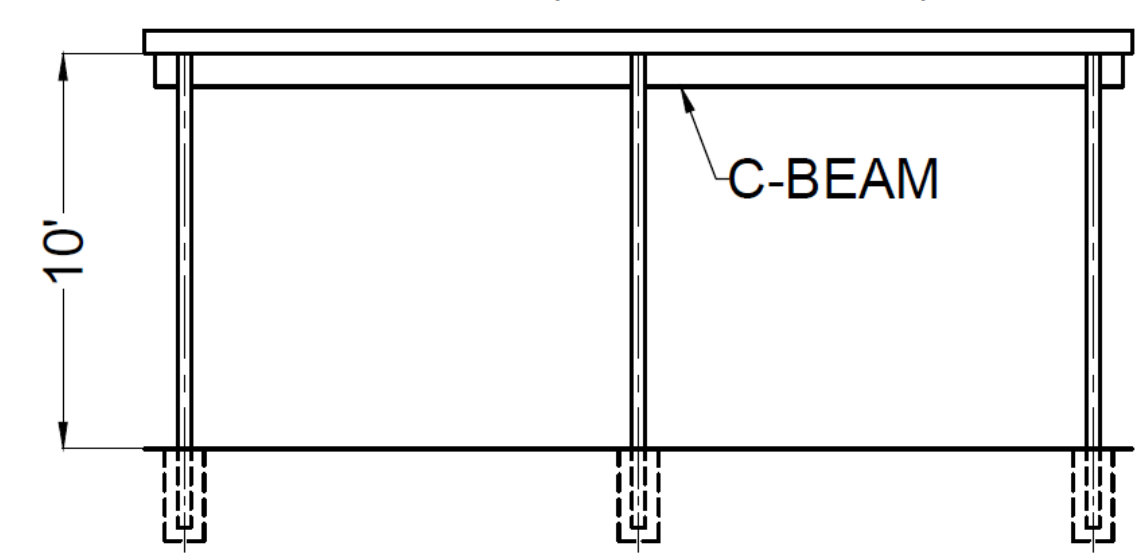
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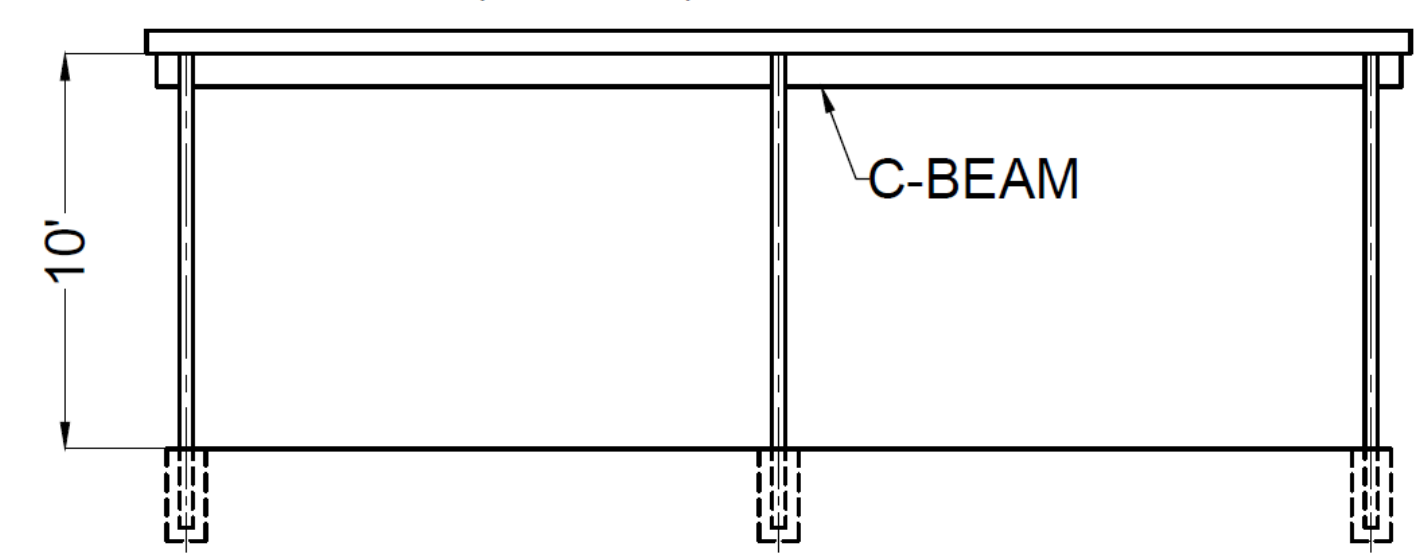
CANOPY "A" PLAN
3 EACH (GATE 1, 2 & 5)



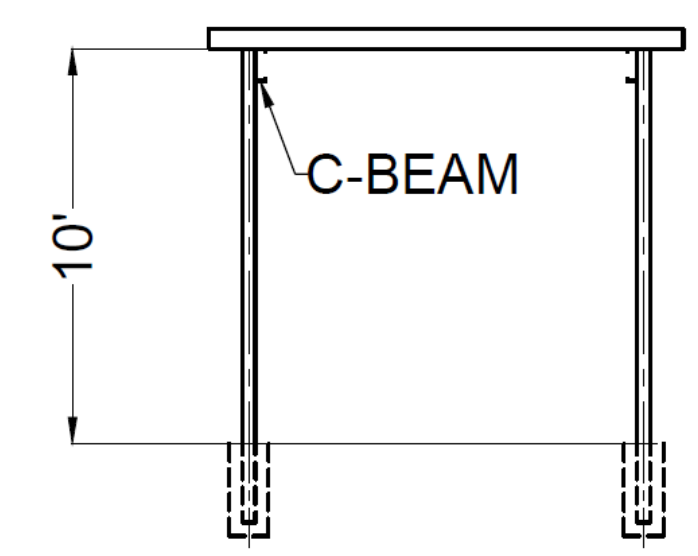
CANOPY "B" PLAN
(GATE 3)



CANOPY "A" ELEVATION



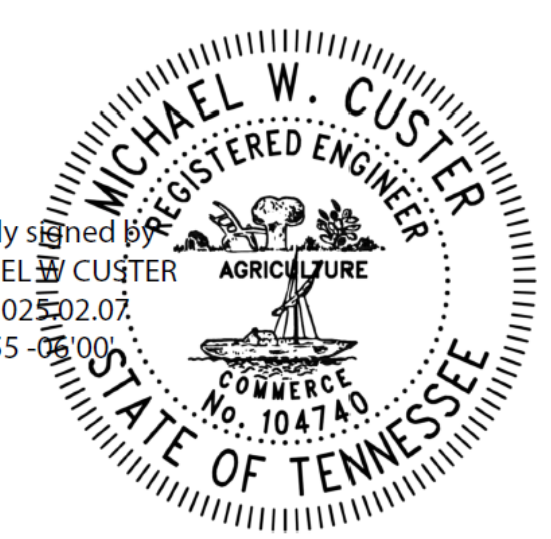
CANOPY "B" ELEVATION



END VIEW "A&B" ELEVATION

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W CUSTER

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17:14:55 -06'00'



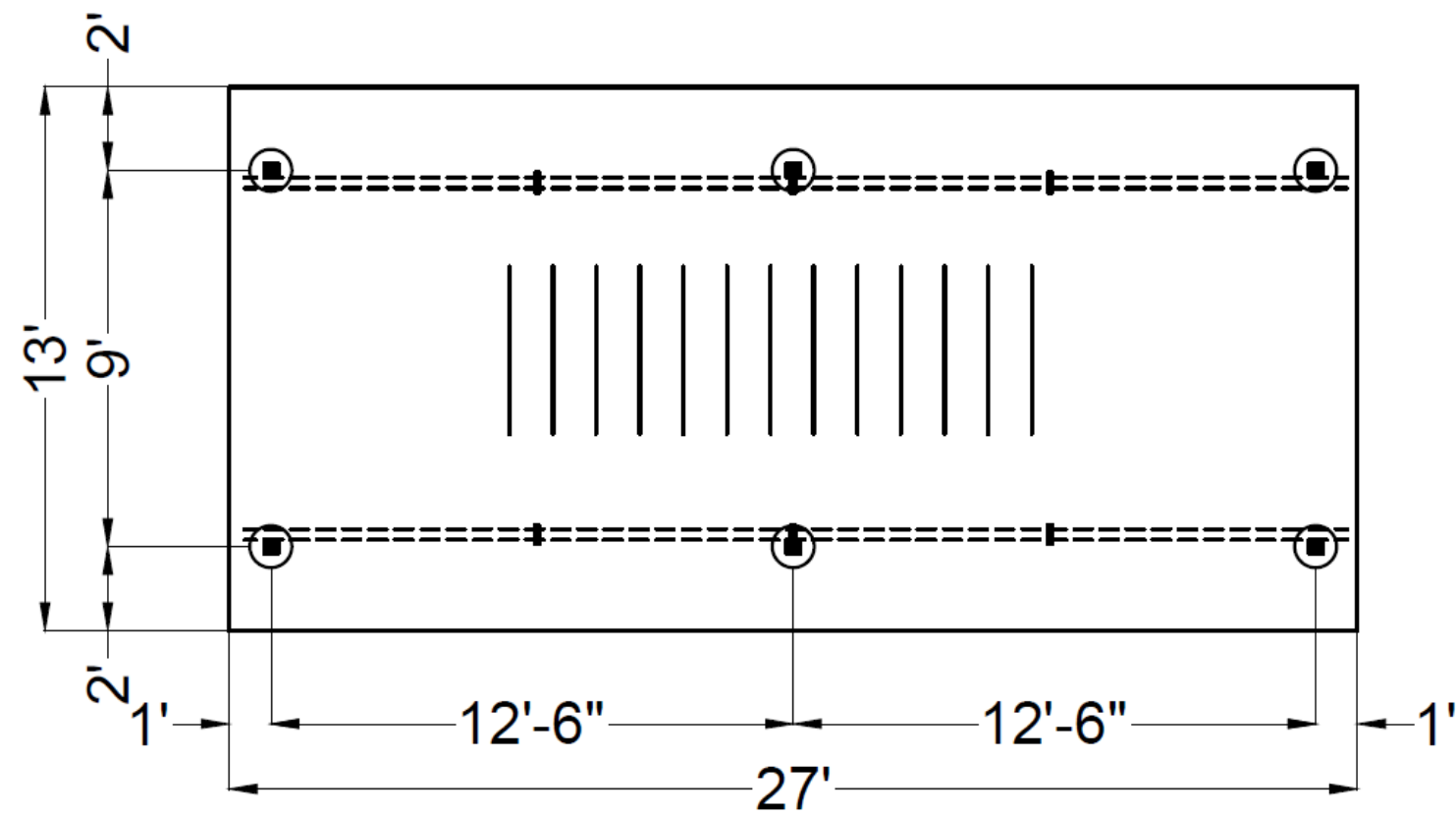
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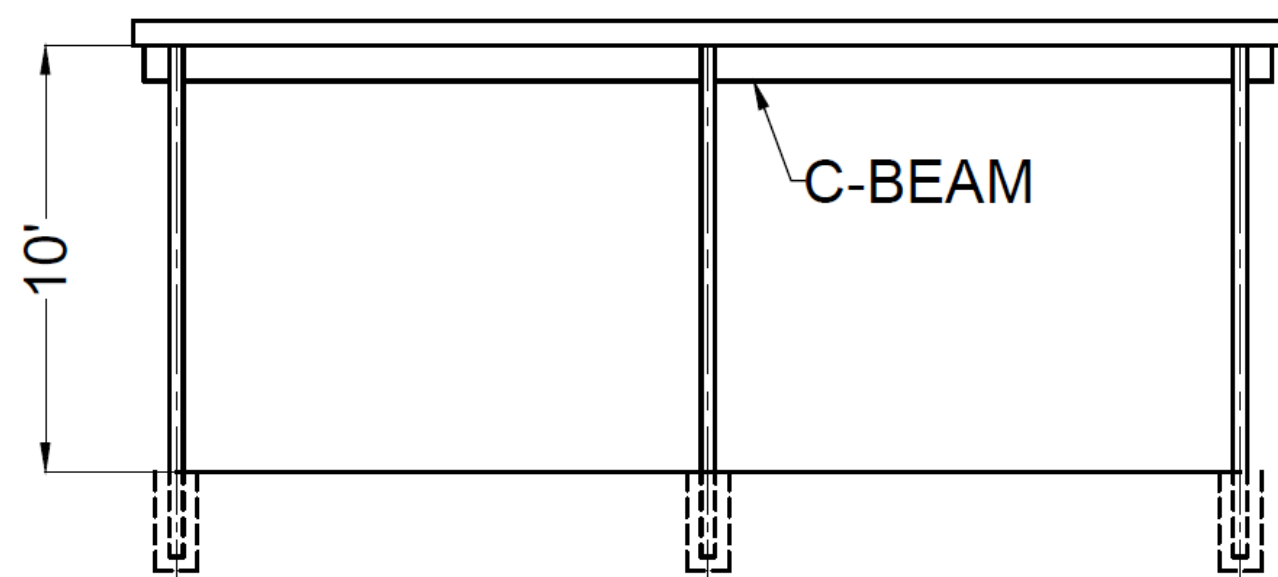


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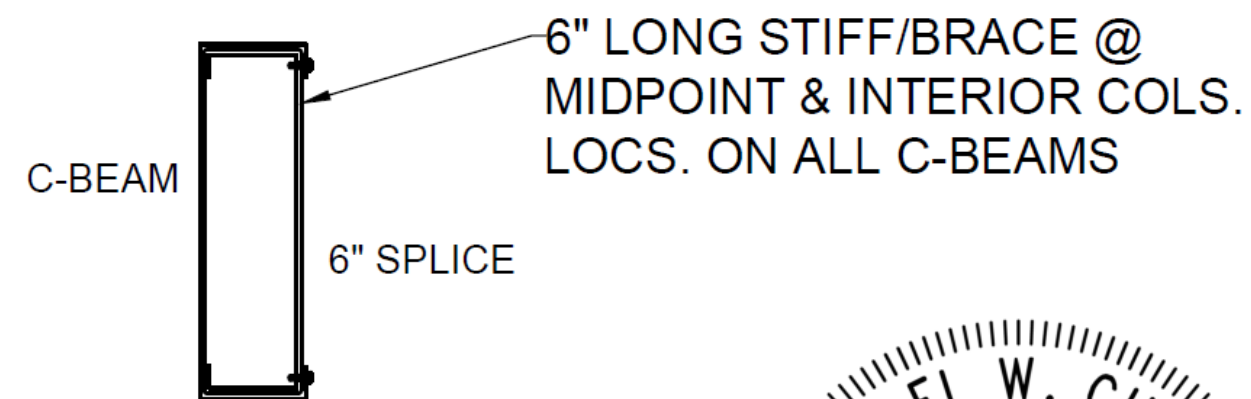
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CANOPY "C" PLAN
(GATE 4)

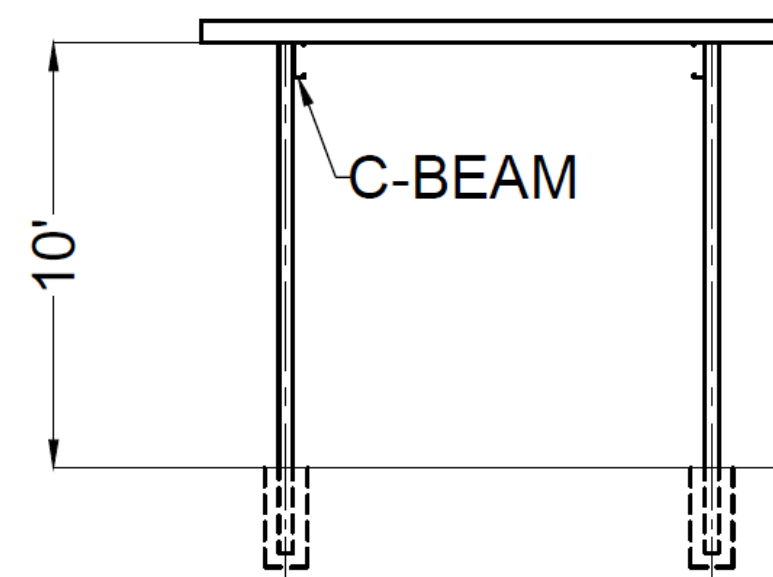
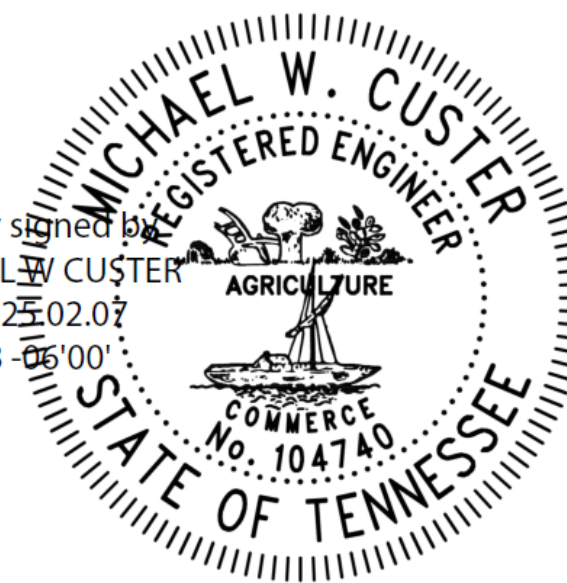


CANOPY "C" ELEVATION



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W CUSTER

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END VIEW "C" ELEVATION

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TENNESSEE

DWG

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642 OAKBEND DRIVE
COPPELL, TX 75019

DATE 02-11-2025

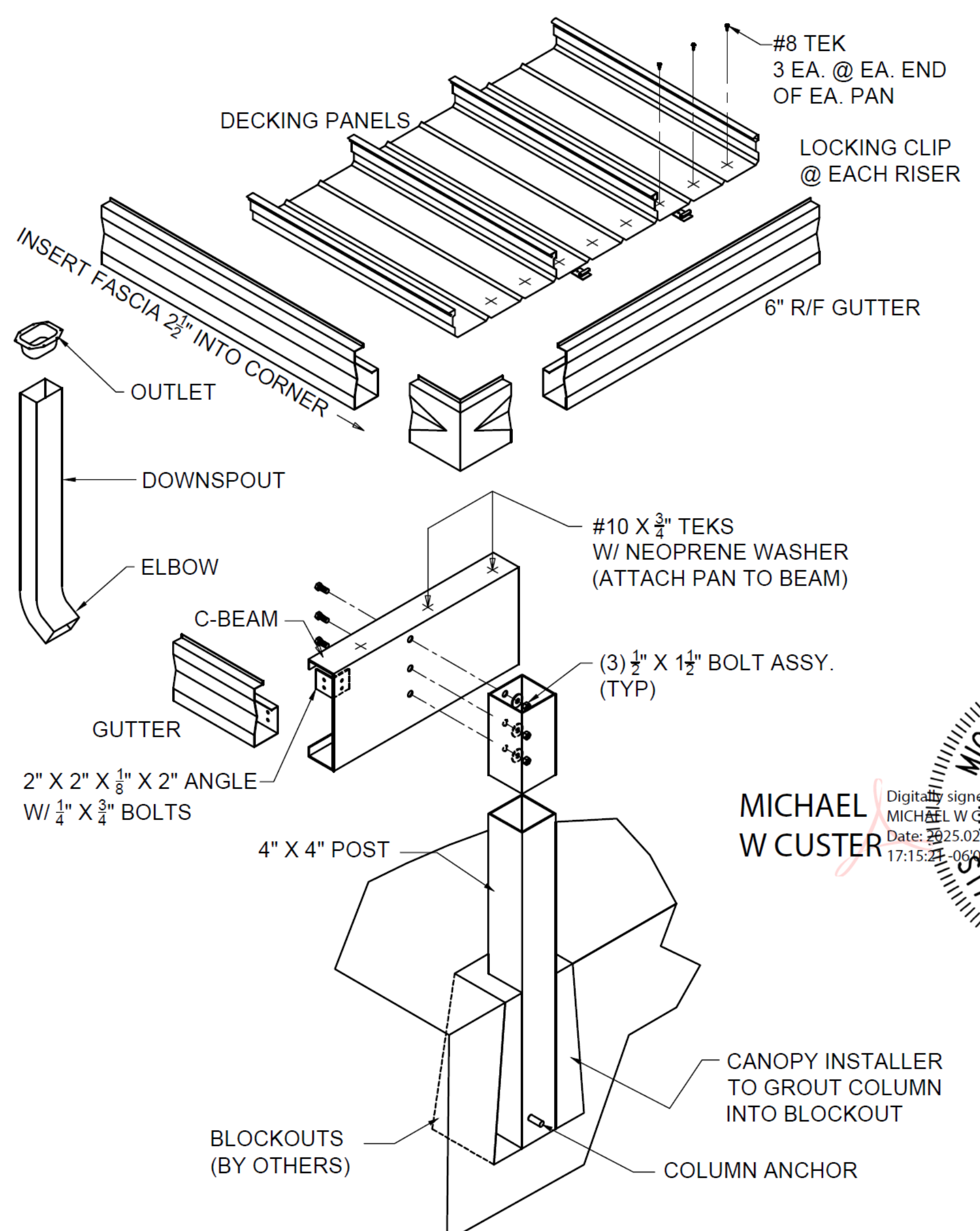
SHEET - 4 OF 6

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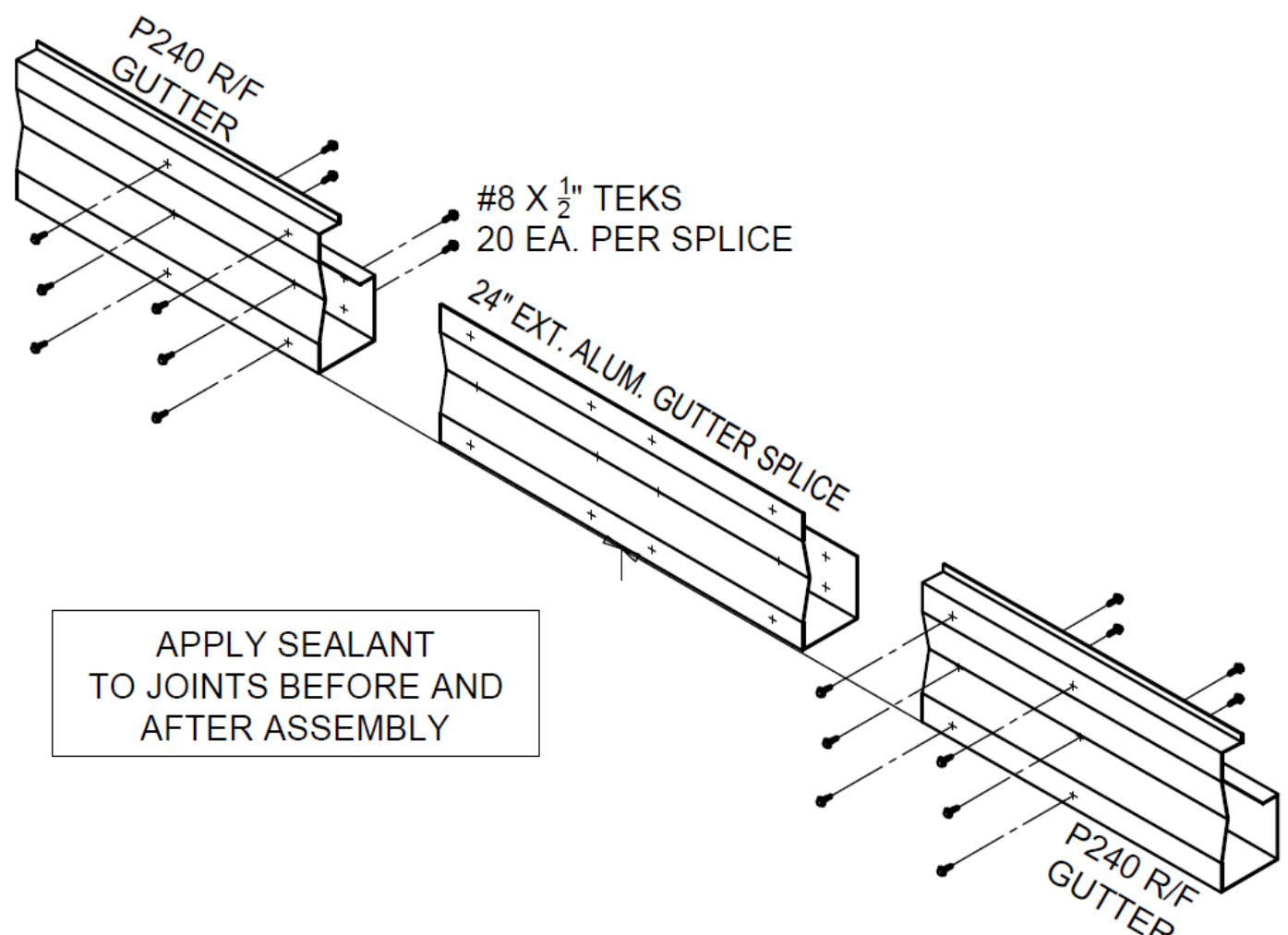
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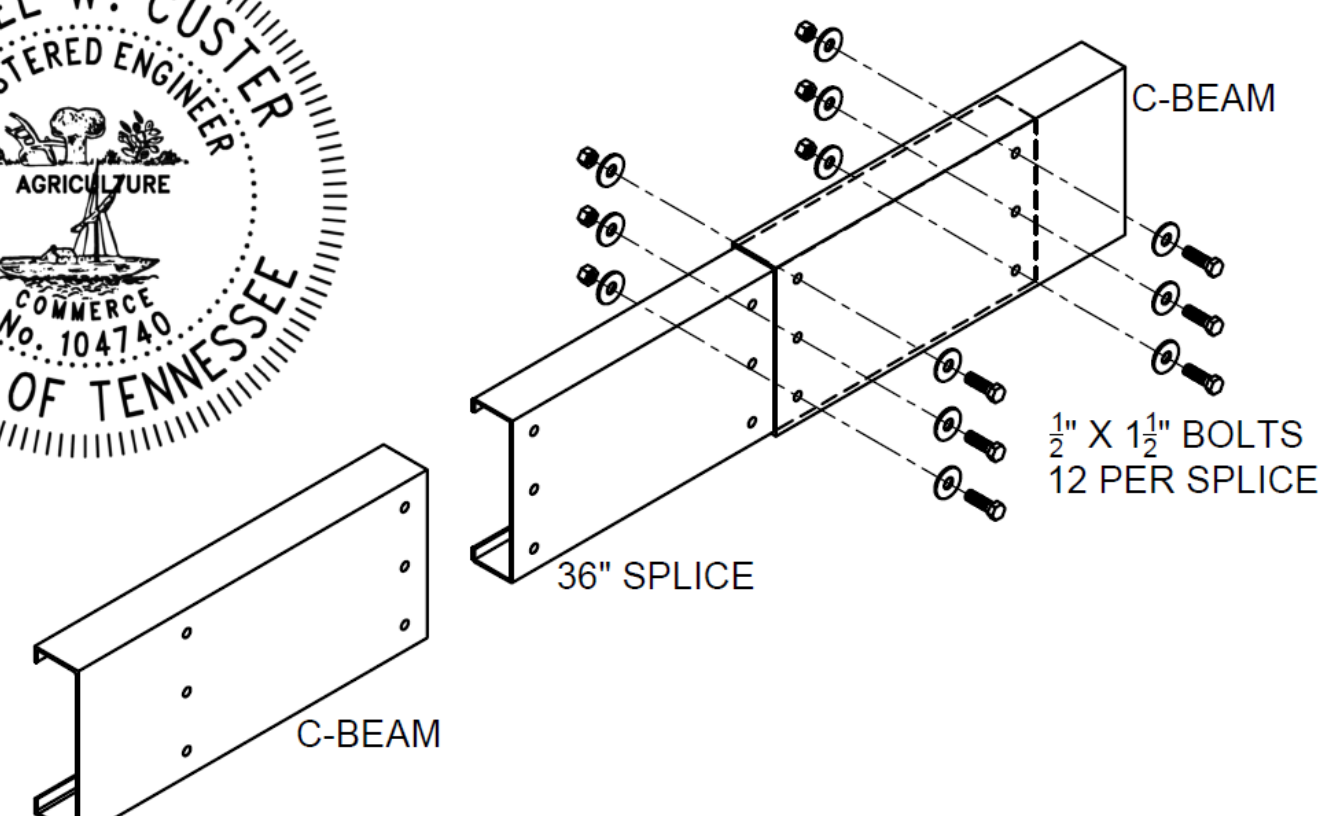
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CANOPY ASSEMBLY

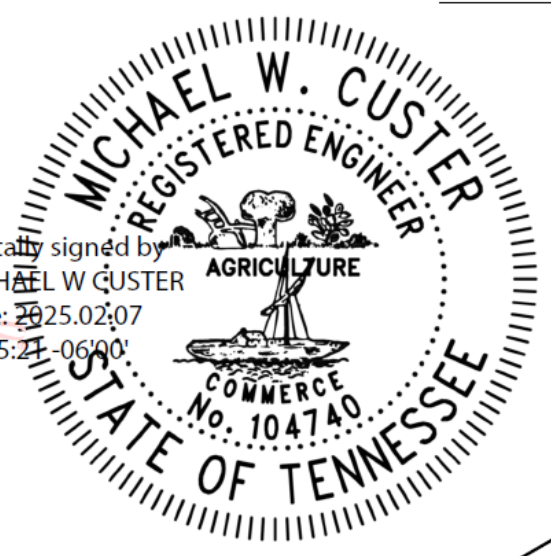


GUTTER SPLICE



C-BEAM SPLICE

HOLES TO BE FIELD-DRILLED



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1

2

3

4

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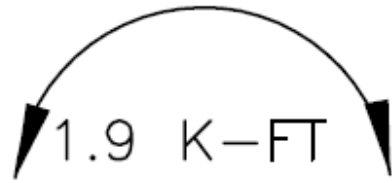
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SHEET - 6 OF 6	

TYP. MAX.
FORCES TO
FOUNDATION



1.7 K

3.2 K

0.2 K

IF NECESSARY
1 1/2" DRAIN HOLE
W/DEFLECTOR
POP RIVETED
IN PLACE

12" LONG #5 REBARS
@12" O.C. AROUND
PERIMETER (TYP.).
DRILL IN & EPOXY INTO
EXISTING SLAB

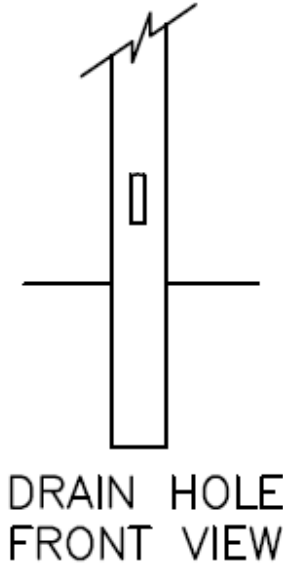
COLUMN
BELL SHAPEDx18" DEEP BLOCKOUT
FILL W/GROUT, 3000 PSI

SLAB (BY OTHERS)

(2) 1 1/2" Ø HOLES EA.
SIDE W/#5
REBARS, GRADE 40
STEEL

3000 PSI MIN.

RECOMMENDED FOOTER SIZE:
2'-3"x2'-3" SQ. x 3'-6" (DEEP)
W/(8) # 5 VERTICAL REBARS
& # 4 TIES @ 12" O.C.
MIN. SIDE CLEARANCE 3 1/2"
FOOTING TO BE CONSTRAINED BY SLAB
LATERAL PASSIVE SOIL PRESSURE ASSUMED
TO BE 150 PSF PER FOOT
VERTICAL BEARING PRESSURE ASSUMED TO
BE 2000 PSF



DRAIN HOLE
FRONT VIEW

(FOOTER BY OTHERS)

TYPICAL FOOTER DETAIL

SCALE: N.T.S.

