

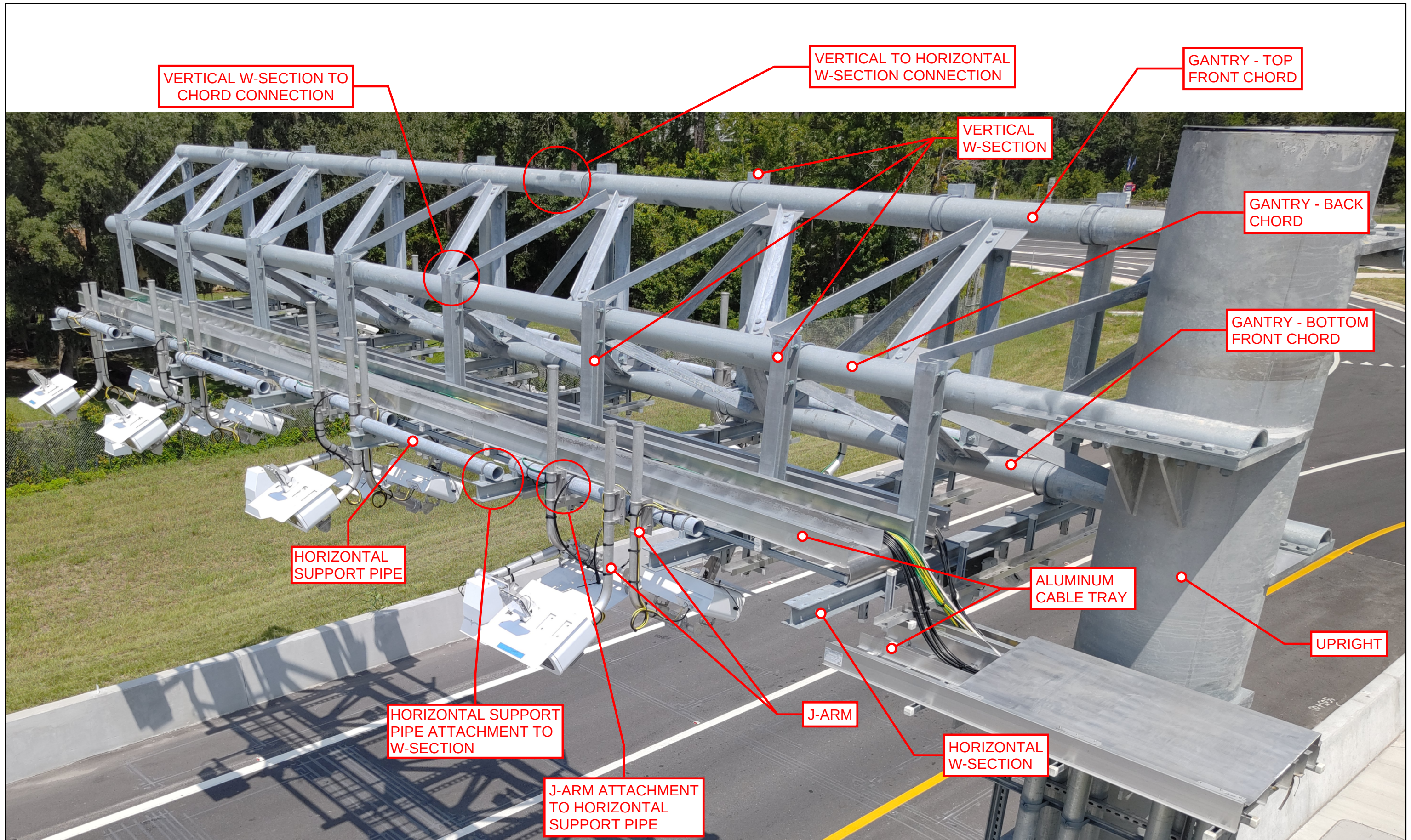


Exhibit 284-1
Non-Accessible
Gantry Elements
Date: 1/1/2027

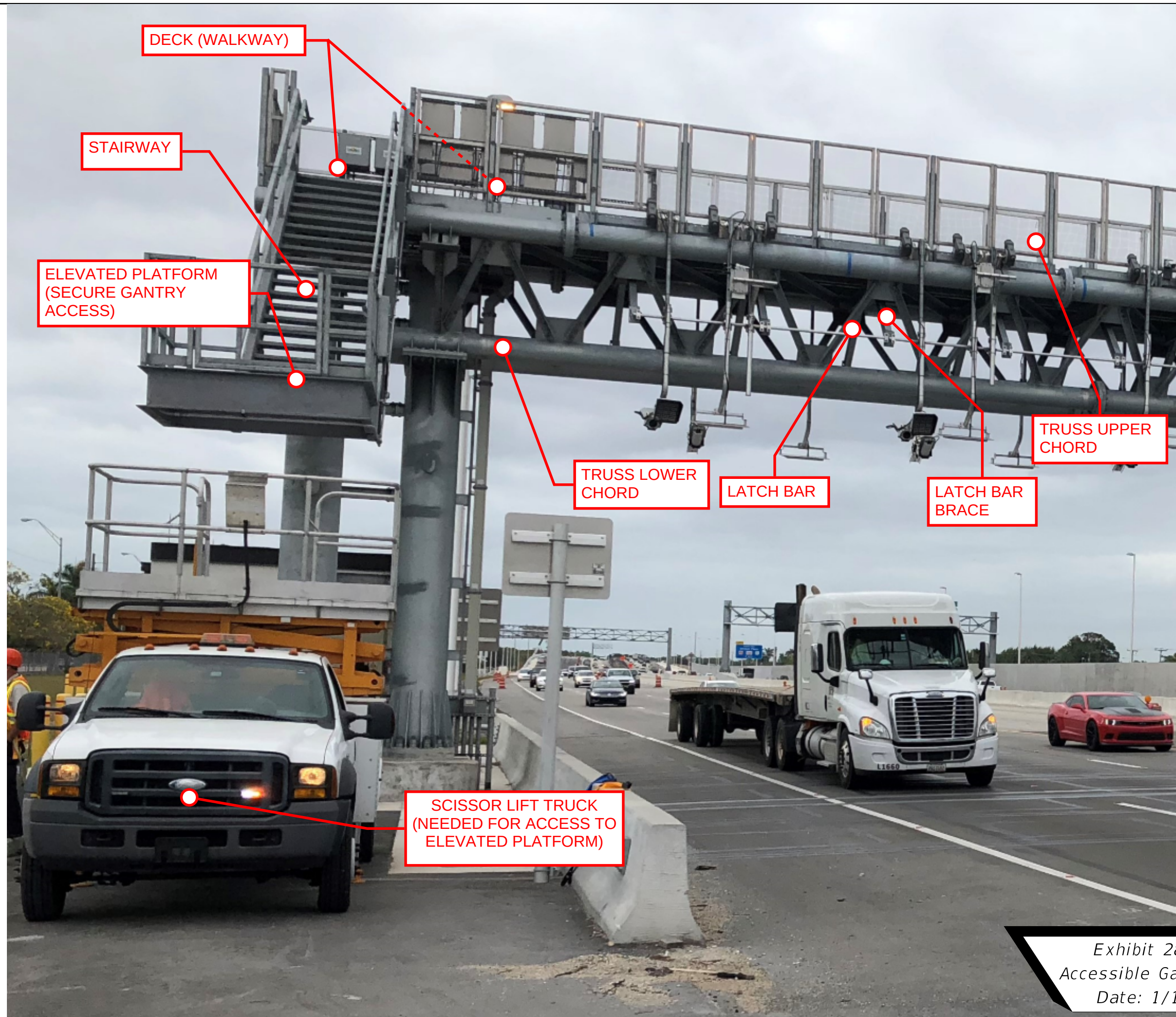


Exhibit 284-2
Accessible Gantry Elements
Date: 1/1/2027

SWING GATE POST

ROPE LIGHT

UPPER GRATING

LOWER GRATING
(BELOW UPPER GRATING)

GRATING TIE-DOWN

SWING GATE

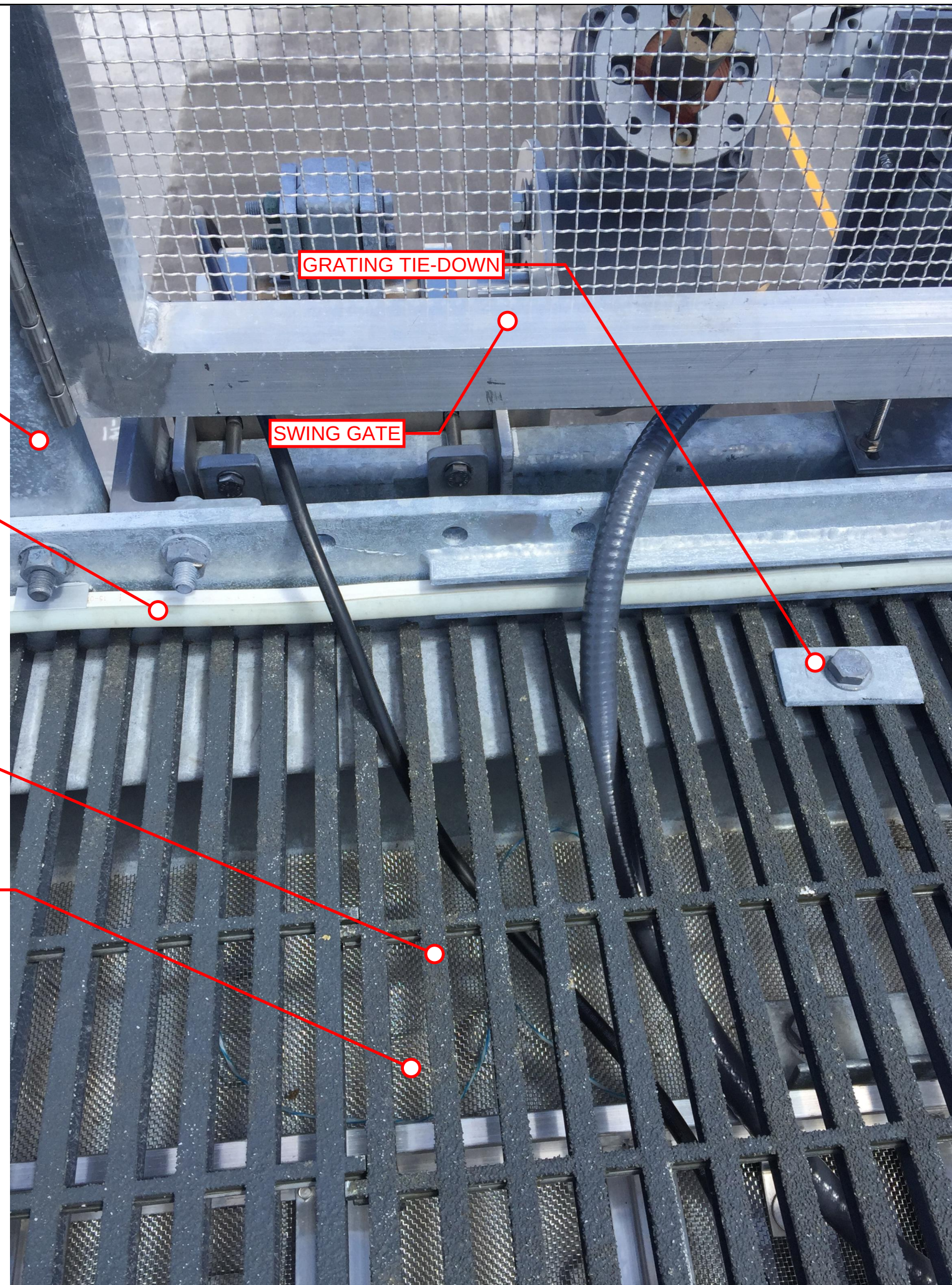
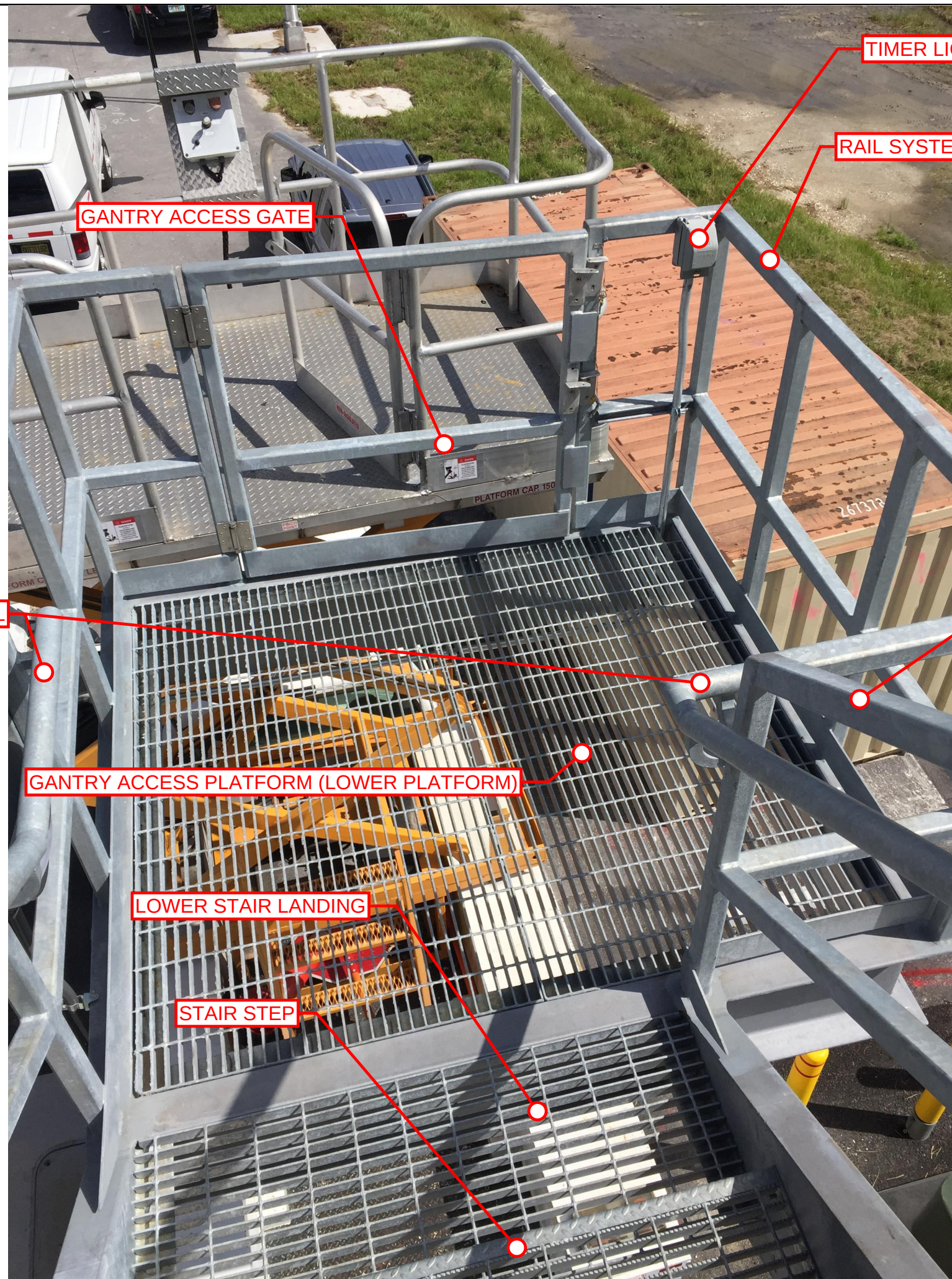


Exhibit 284-3
Accessible Gantry Swing
Gate and Grating
Date: 1/1/2027



TIMER LIGHT SWITCH

RAIL SYSTEM

GANTRY ACCESS GATE

HANDRAIL

STAIR RAIL

GANTRY ACCESS PLATFORM (LOWER PLATFORM)

LOWER STAIR LANDING

STAIR STEP

Exhibit 284-4
Accessible Gantry Stair
Platform Landing
Date: 1/1/2027

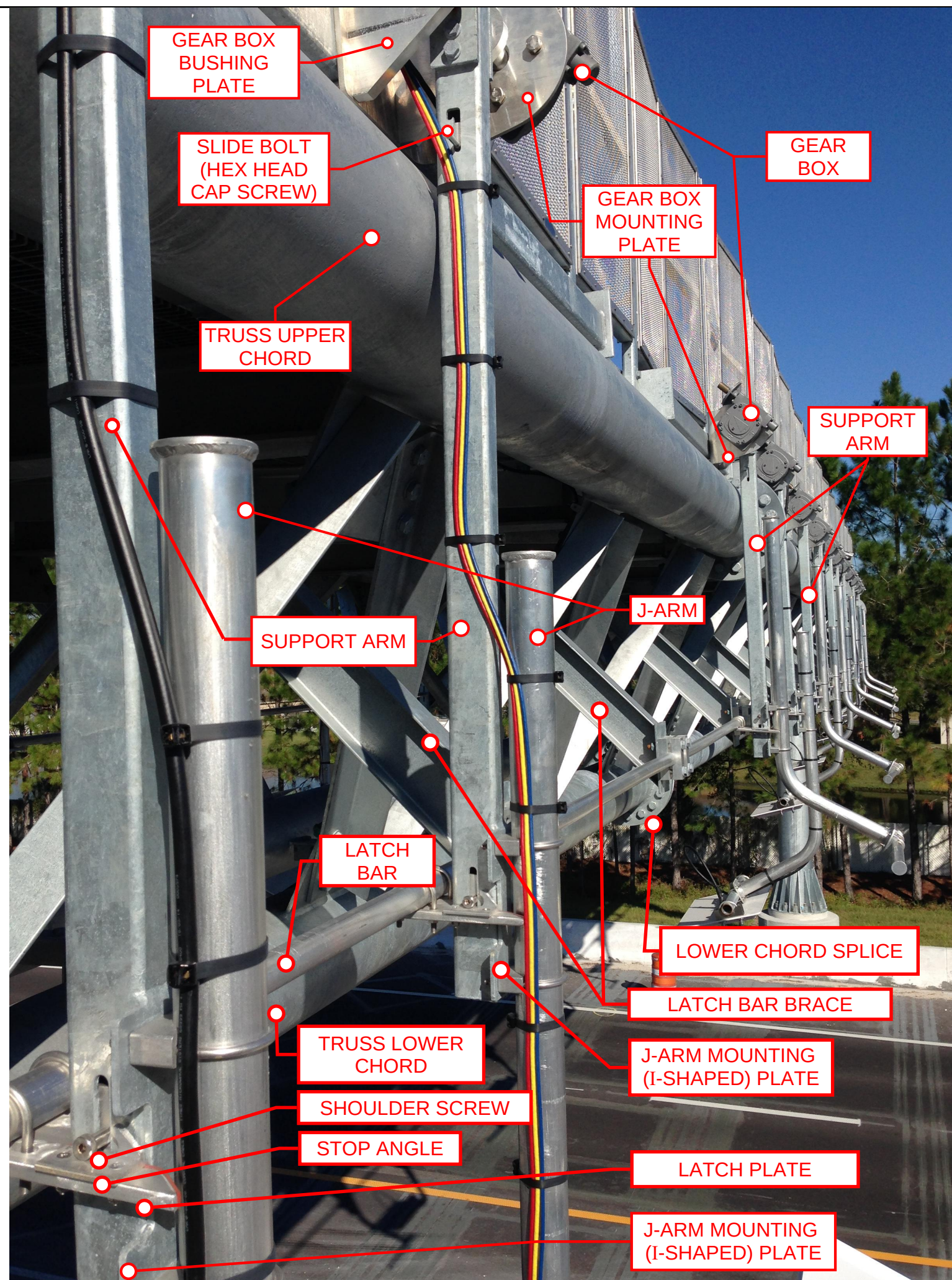


Exhibit 284-5
Accessible Gantry J-Arm
Retraction Assembly
Date: 1/1/2027

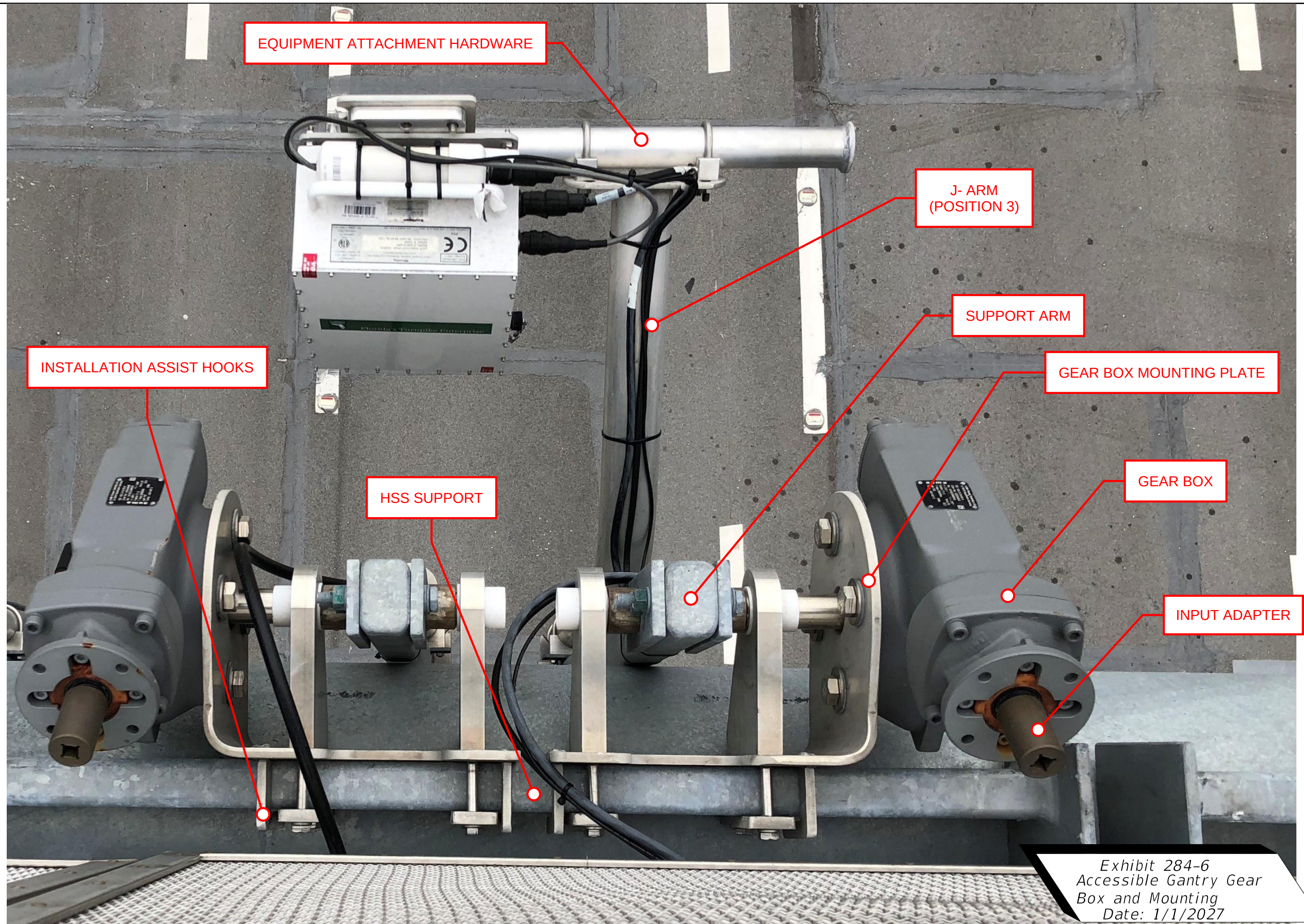


Exhibit 284-6
Accessible Gantry Gear
Box and Mounting
Date: 1/1/2027

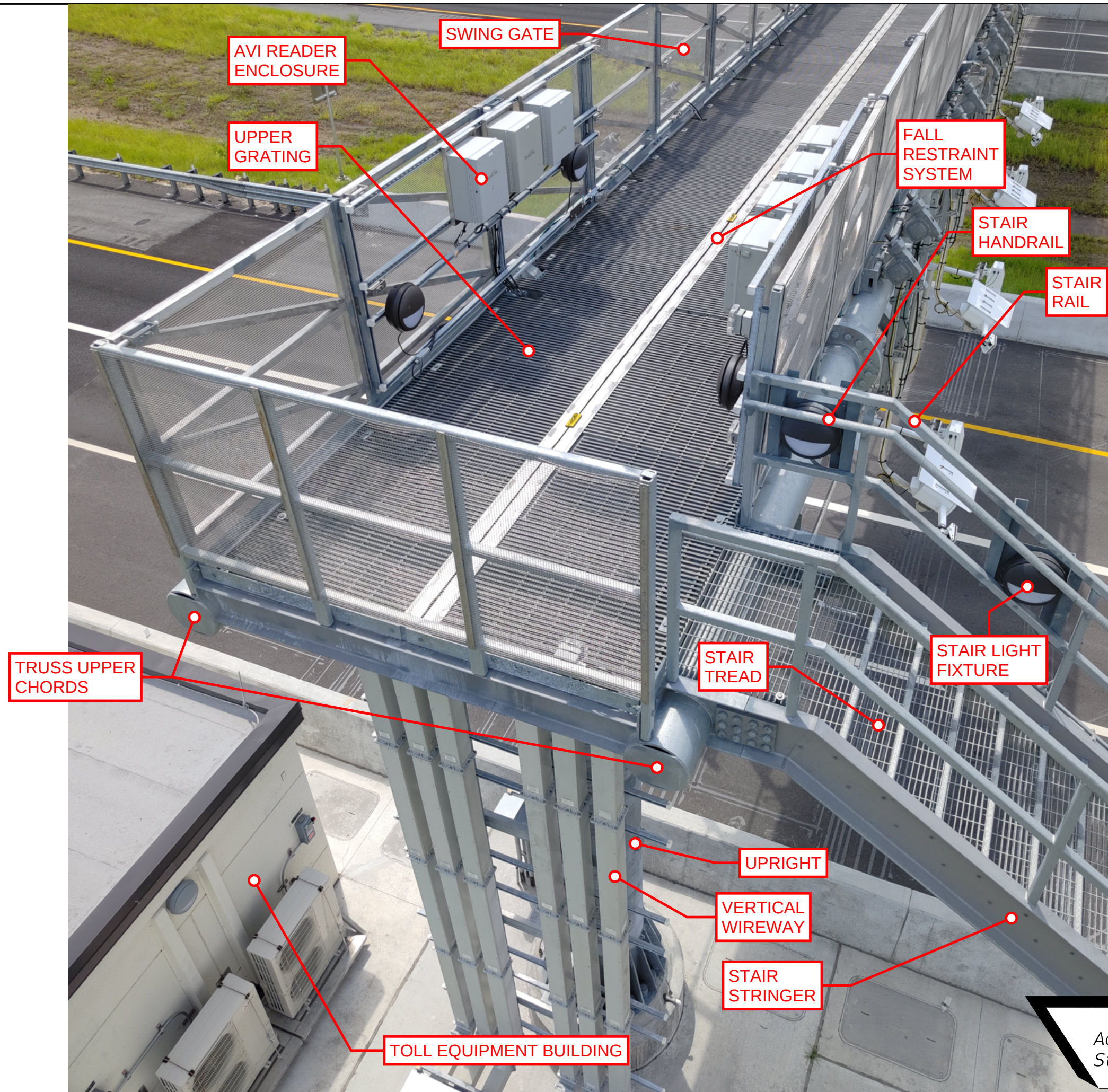


Exhibit 284-7
Accessible Gantry Access
Stair Structure
Date: 1/1/2027



DOUBLE ROW OF RIVETS

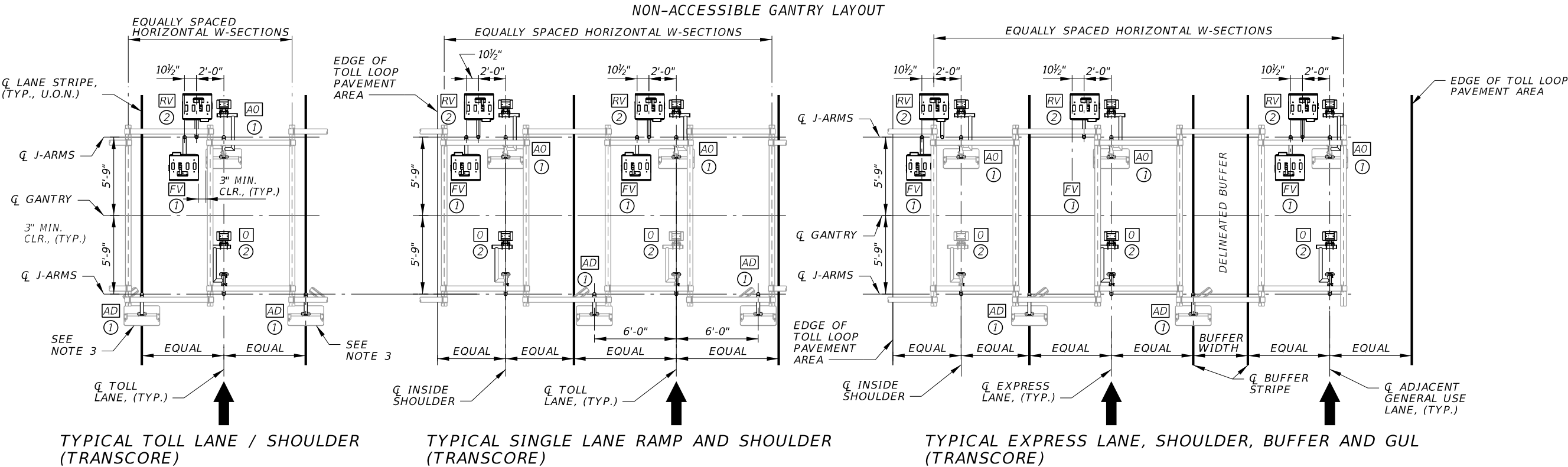
SWING GATE HINGE

SCISSOR LIFT TRUCK

J-ARM POSITION 3

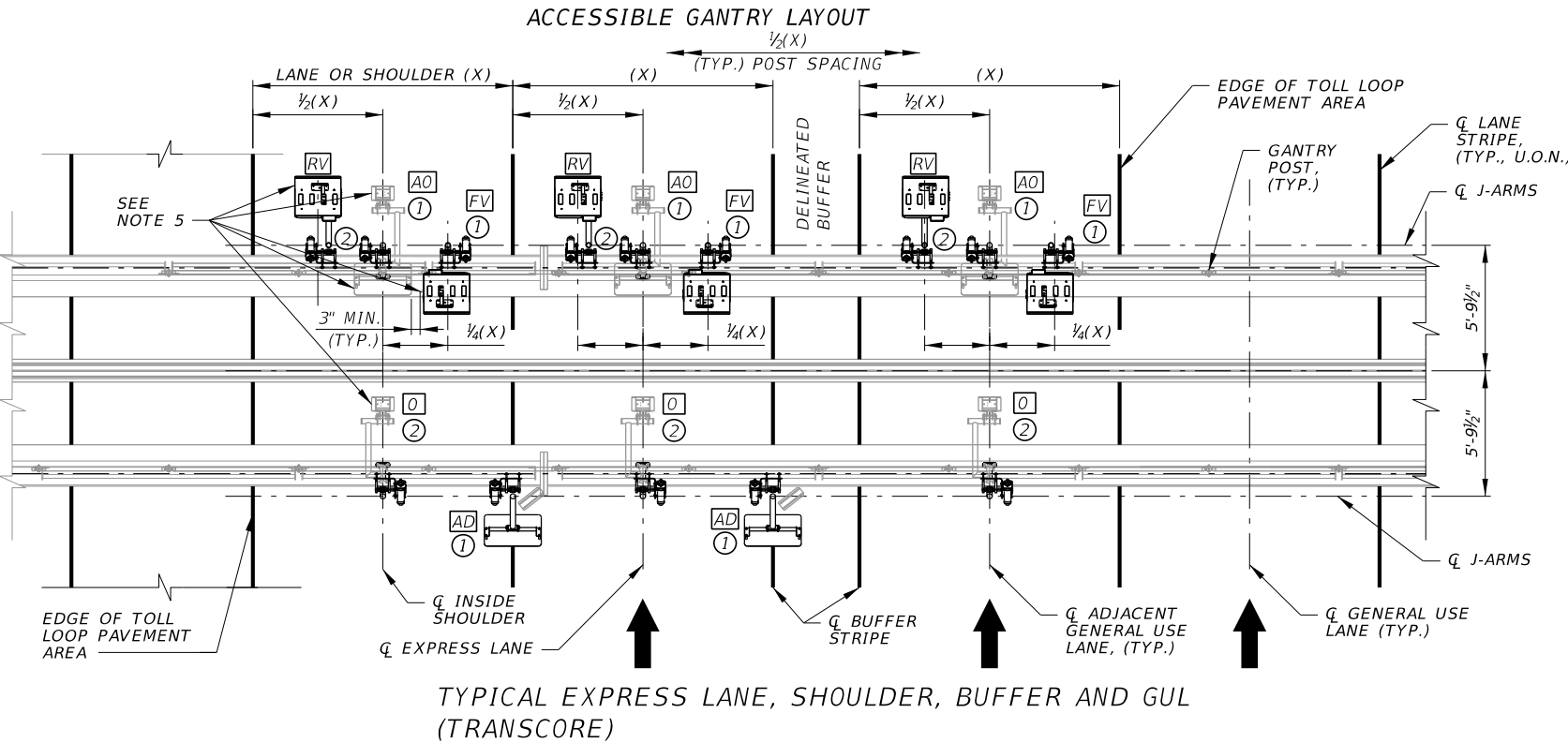
Exhibit 284-8
Accessible Gantry
Swing Gate Post
Date: 1/1/2027

TRANSCORE GANTRY TOLL EQUIPMENT LAYOUT



NOTES:

1. TOLL EQUIPMENT LOCATION IS BASED ON THE CENTER OF THE EQUIPPED LANE / SHOULDER.
2. J-ARM LOCATION IS BASED ON THE MOUNTING REQUIREMENTS OF THE TOLL EQUIPMENT.
3. ANTENNAS AND DVAS ARE NOT REQUIRED OVER THE EDGE OF THE TOLL LOOP PAVEMENT AREA.
4. TOLL EQUIPMENT CAN BE MIRRORED ABOUT THE CENTER ON THE LANE.
5. THE ANTENNAS, OPUS, AND VCARS J-ARM CONNECTION POINTS MAY BE SHIFTED HORIZONTALLY WITHIN THE LIMITS OF THE MOUNTING HARDWARE TO MITIGATE CONFLICT WITH STRUCTURAL ELEMENTS. SEE FDM EXHIBITS 284-42 AND 284-43.
6. TOLL EQUIPMENT IS NOT REQUIRED FOR SHOULDER WIDTHS LESS THAN 6 FEET.



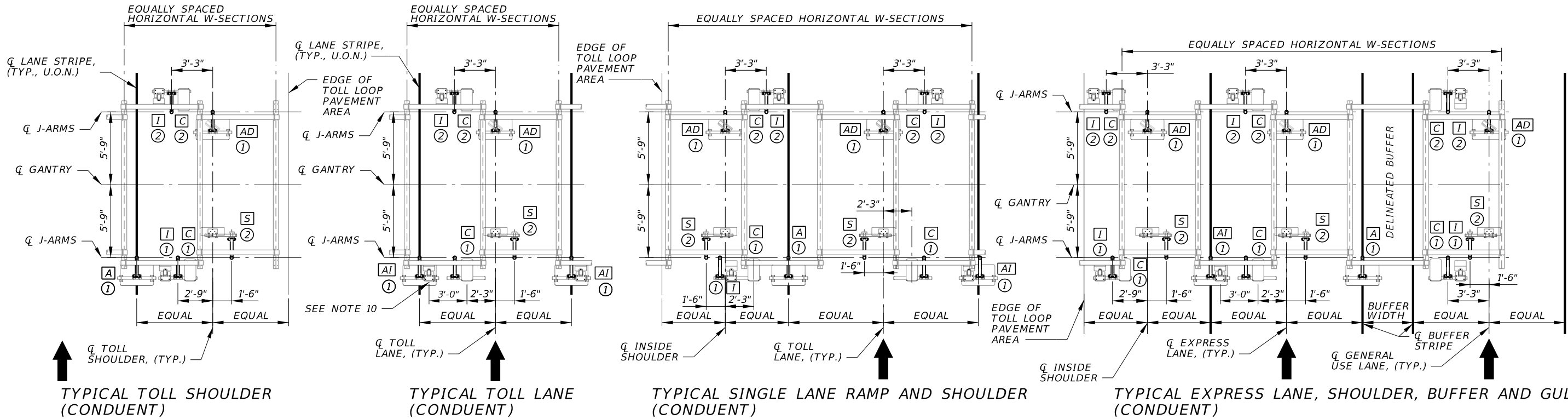
TRANSCORE LEGEND:

- [A] ANTENNA
- [AD] ANTENNA / DVAS
- [AO] ANTENNA / OPUS
- [O] OPUS
- [FV] FRONT VCAR
- [RV] REAR VCAR
- Ⓝ J-ARM POSITION TYPE

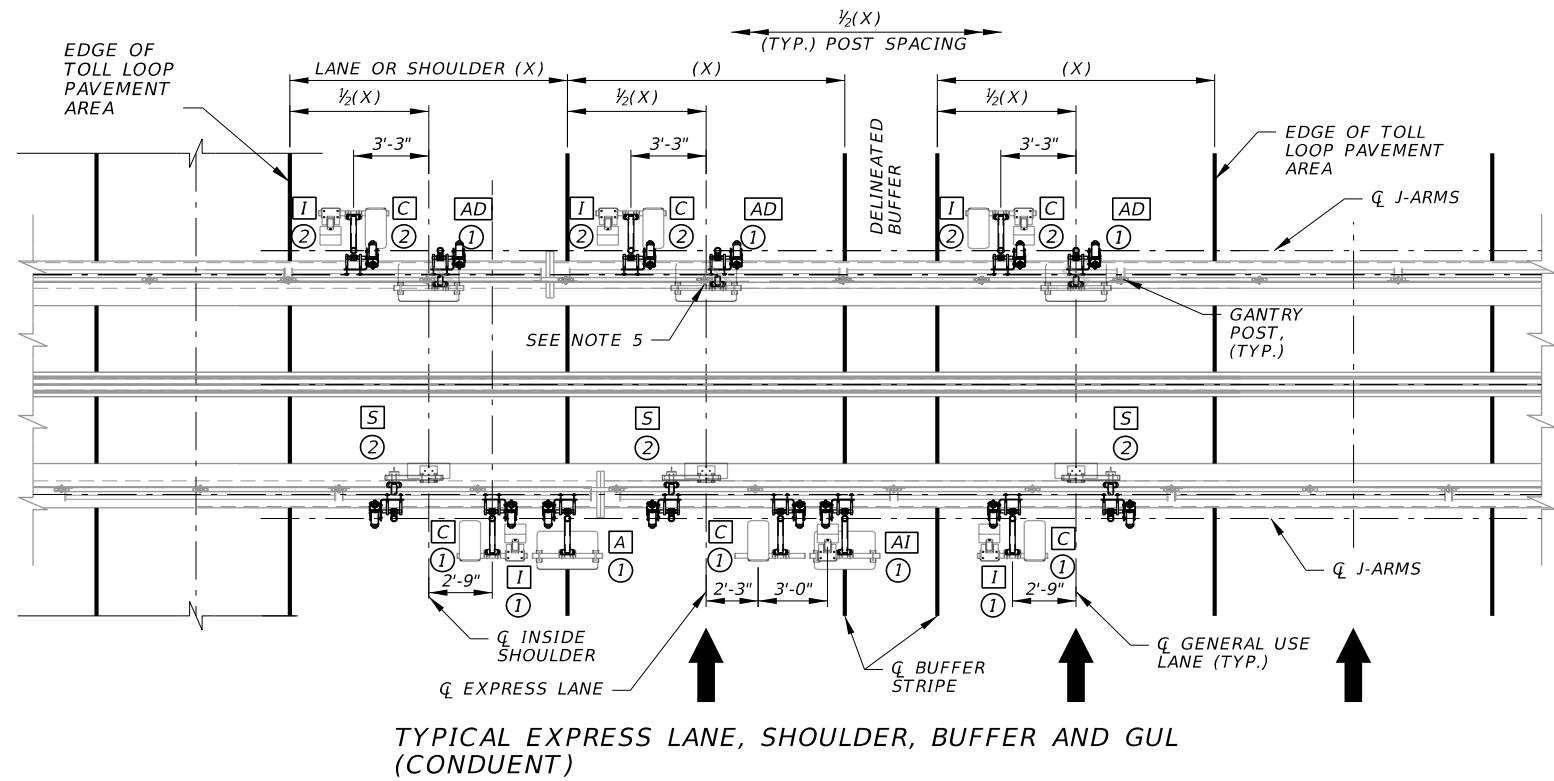
NOT TO SCALE

CONDUENT GANTRY TOLL EQUIPMENT LAYOUT

NON-ACCESSIBLE GANTRY LAYOUTS



ACCESSIBLE GANTRY LAYOUT



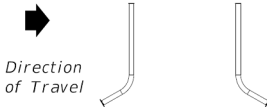
- CONDUENT LEGEND**
- [A] ANTENNA
 - [C] CAMERA
 - [I] ILLUMINATOR
 - [S] SICK LASER
 - [AD] ANTENNA/DVAS
 - [AI] ANTENNA/ILLUMINATOR
 - [#] J-ARM POSITION TYPE

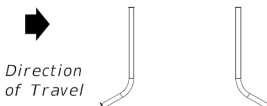
NOTES:

1. TOLL EQUIPMENT LOCATION IS BASED ON THE CENTER OF THE EQUIPPED LANE / SHOULDER.
2. J-ARM LOCATION IS BASED ON THE MOUNTING REQUIREMENTS OF THE TOLL EQUIPMENT.
3. ANTENNAS ARE NOT REQUIRED OVER EDGE OF PAVEMENT SHOULDER.
4. TOLL EQUIPMENT CAN BE MIRRORED ABOUT THE CENTER OF THE LANE.
5. THE EQUIPMENT J-ARM CONNECTION POINT MAY BE SHIFTED HORIZONTALLY WITHIN THE LIMITS OF THE MOUNTING HARDWARE TO MITIGATE CONFLICT WITH STRUCTURAL ELEMENTS. SEE FDM EXHIBIT 284-3.
6. FOR THE ACCESSIBLE GANTRY, THE J-ARM FOR THE REAR ANTENNA MUST BE SHIFTED 8" FROM THE CENTER IN ORDER FOR THIS ASSEMBLY TO CLEAR THE REAR CAMERA EQUIPMENT DURING RETRACTION.
7. TOLL EQUIPMENT IS NOT REQUIRED FOR SHOULDER WIDTHS LESS THAN 6 FEET.
8. "AD" ARE NOT REQUIRED AT SINGLE LANE RAMP SHOULDERS OR EDGE OF SHOULDER PAVEMENT
9. ONE DVAS REQUIRED FOR EACH EXPRESS AND ADJACENT GENERAL USE LANE.
10. PROVIDE A MINIMUM OF 3'-0" SEPARATION BETWEEN $\bar{C}$ OF VES CAMERA AND $\bar{C}$ OF ILLUMINATOR. REQUIREMENT APPLIES TO TOLLED LANES ONLY.
11. ON THE APPROACH SIDE OF THE GANTRY, INSTALL A/I OVER TRAVEL LANES AND C/I OVER SHOULDERS.

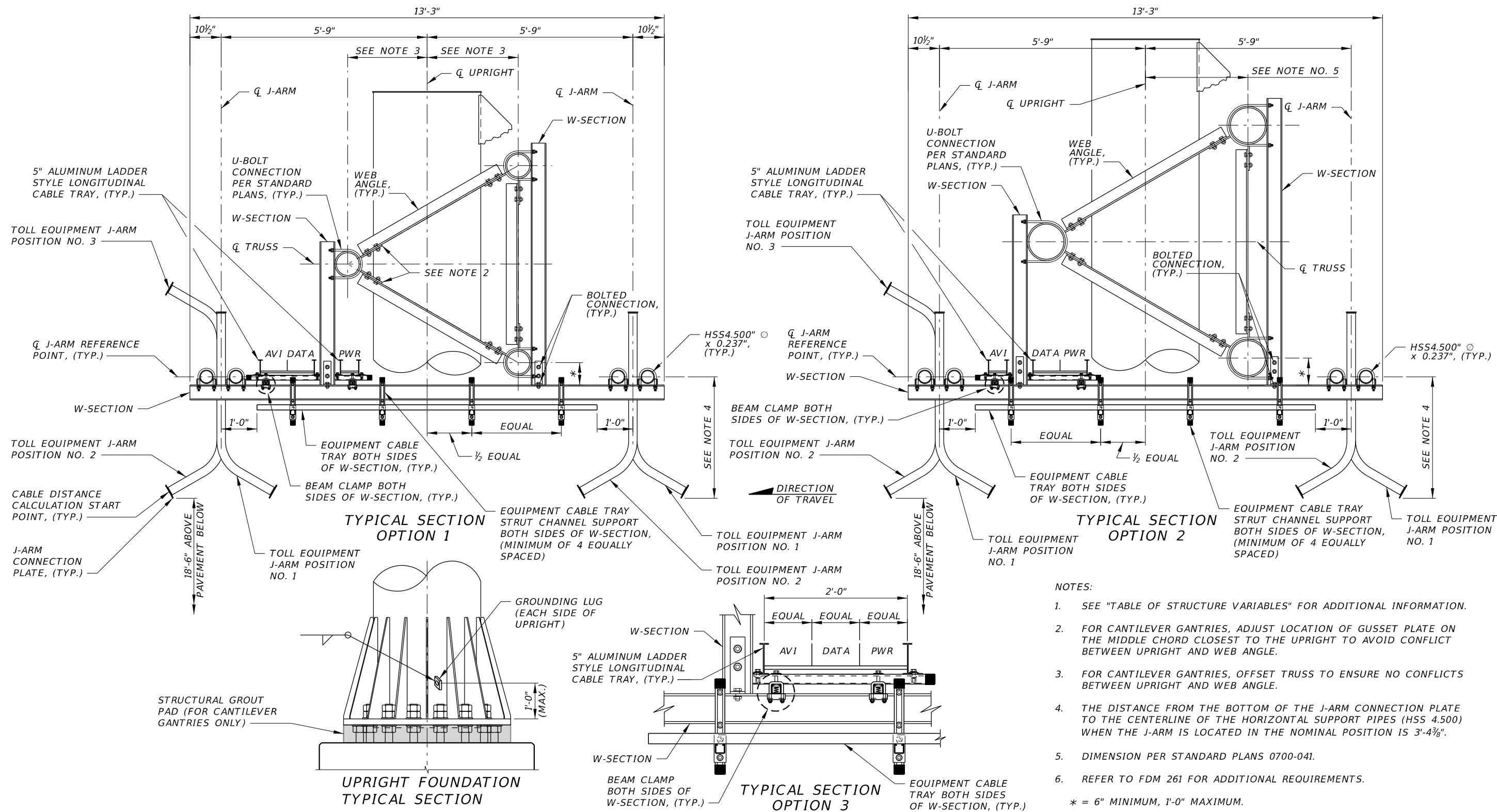
NOT TO SCALE

TOLL EQUIPMENT LOADS

TRANSCORE SYSTEMS - TOLL EQUIPMENT ARM POSITIONS, WIND LOAD AREAS AND WEIGHTS						
J-Arm Mounting Gantry Location	Clearance from Bottom of J-arm to Final Riding Surface of Pavement	J-Arm Mounting Position Type (See Below)	Equipment / Device	Longitudinal Area to be Used for Wind Load (sq. in.) (Does not include the coefficient of drag) (Direction of Travel)	Transverse Area to be Used for Wind Load (sq. in.) (Does not include the coefficient of drag) (Perpendicular to Direction of Travel)	
Approach	18'-6"	2	OPUS	250	234	
Departure	18'-6"	1	Front VCAR	681	217	
Departure	18'-6"	2	Rear VCAR	681	217	
Approach	18'-6"	1	ANTENNA/DVAS	630+68 = 698	74+68 = 142	
Departure	18'-6"	1	ANTENNA/OPUS	630 + 250 = 880	74 + 234 = 308	
Approach/Departure	19'-6"	1/2	Illuminator (Toll Zone)	368	266	
			AVI Enclosure	335	198	
Toll Equipment J-Arm Mounting Positions Position Type 1 Position Type 2 Direction of Travel 				Weight of Equipment and Attachment Hardware		
				VCAR		55 lbs
				OPUS		20 lbs
				Antenna		31 lbs
				Illuminator		80 lbs
				DVAS		20 lbs
				AVI Enclosure		32 lbs
Note: Refer to SM, V3 19.1 for minimum design dead loads.						

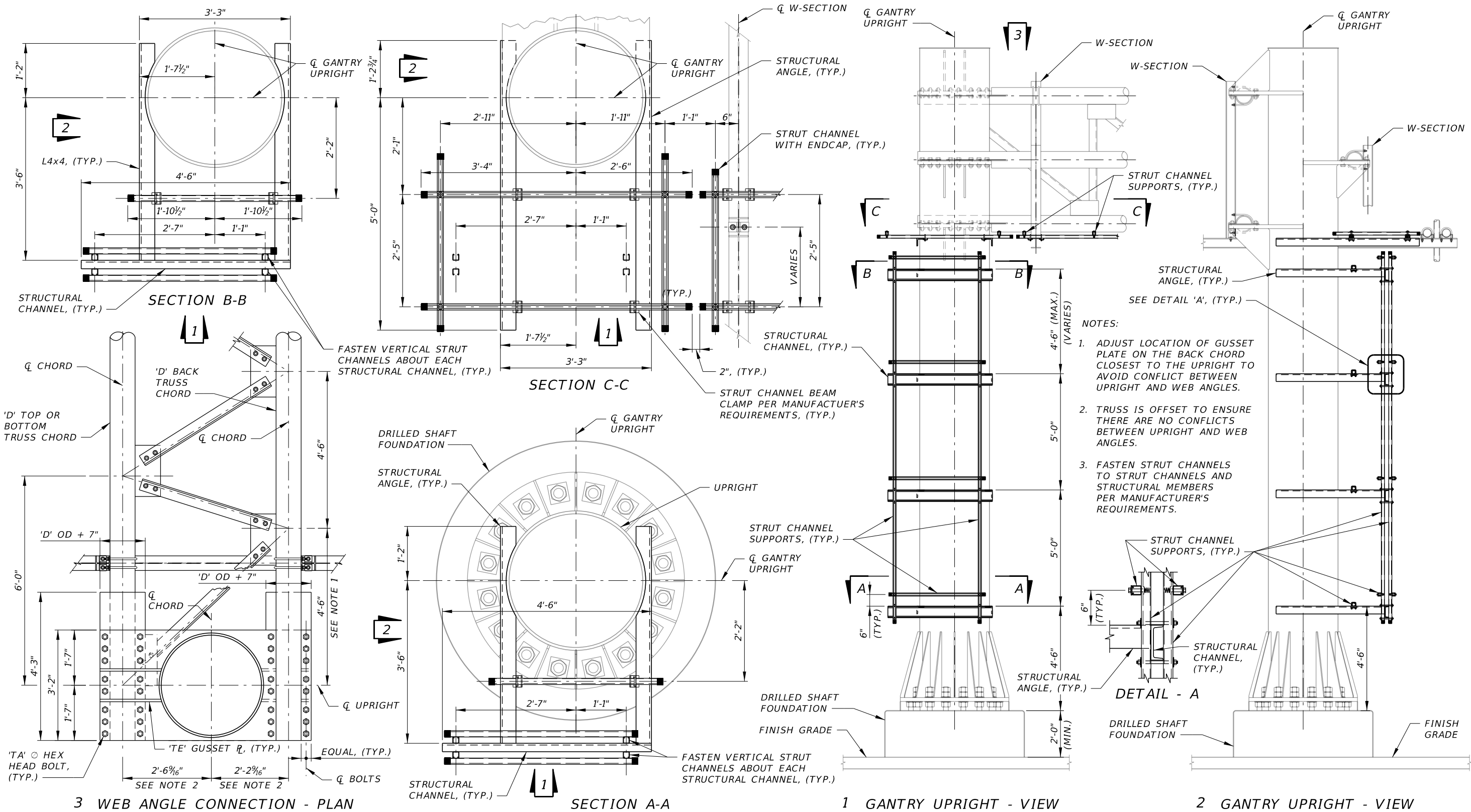
CONDUENT SYSTEMS - TOLL EQUIPMENT ARM POSITIONS, WIND LOAD AREAS AND WEIGHTS						
J-Arm Mounting Gantry Location	Clearance from Bottom of J-arm to Final Riding Surface of Pavement	J-Arm Mounting Position Type (See Below)	Equipment / Device	Longitudinal Area to be Used for Wind Load (sq. in.) (Does not include the coefficient of drag) (Direction of Travel)	Transverse Area to be Used for Wind Load (sq. in.) (Does not include the coefficient of drag) (Perpendicular to Direction of Travel)	
Approach	18'-6"	1	CAMERA/ILLUMINATOR	356	175	
Approach	18'-6"	2	SICK w/ Shroud	457	128	
Approach	18'-6"	2	ANTENNA/ILLUMINATOR	774	133	
Approach	18'-6"	1	ANTENNA	630	74	
Departure	18'-6"	2	CAMERA/ILLUMINATOR	356	175	
Departure	18'-6"	1	ANTENNA/DVAS	630+68=698	74+68=142	
			AVI ENCLOSURE	335	198	
			AVI CABINET	1260	672	
Toll Equipment J-Arm Mounting Positions Position Type 1 Position Type 2 Direction of Travel 				Weight of Equipment and Attachment Hardware		
				Camera		14 lbs
				Illuminator		12 lbs
				Antenna		31 lbs
				SICK w/ Shroud		30 lbs
				DVAS		20 lbs
				AVI Enclosure		32 lbs
AVI Cabinet		120 lbs				
Note: Refer to SM, V3 19.1 for minimum design dead loads.						

NON-ACCESSIBLE GANTRY TYPICAL SECTION



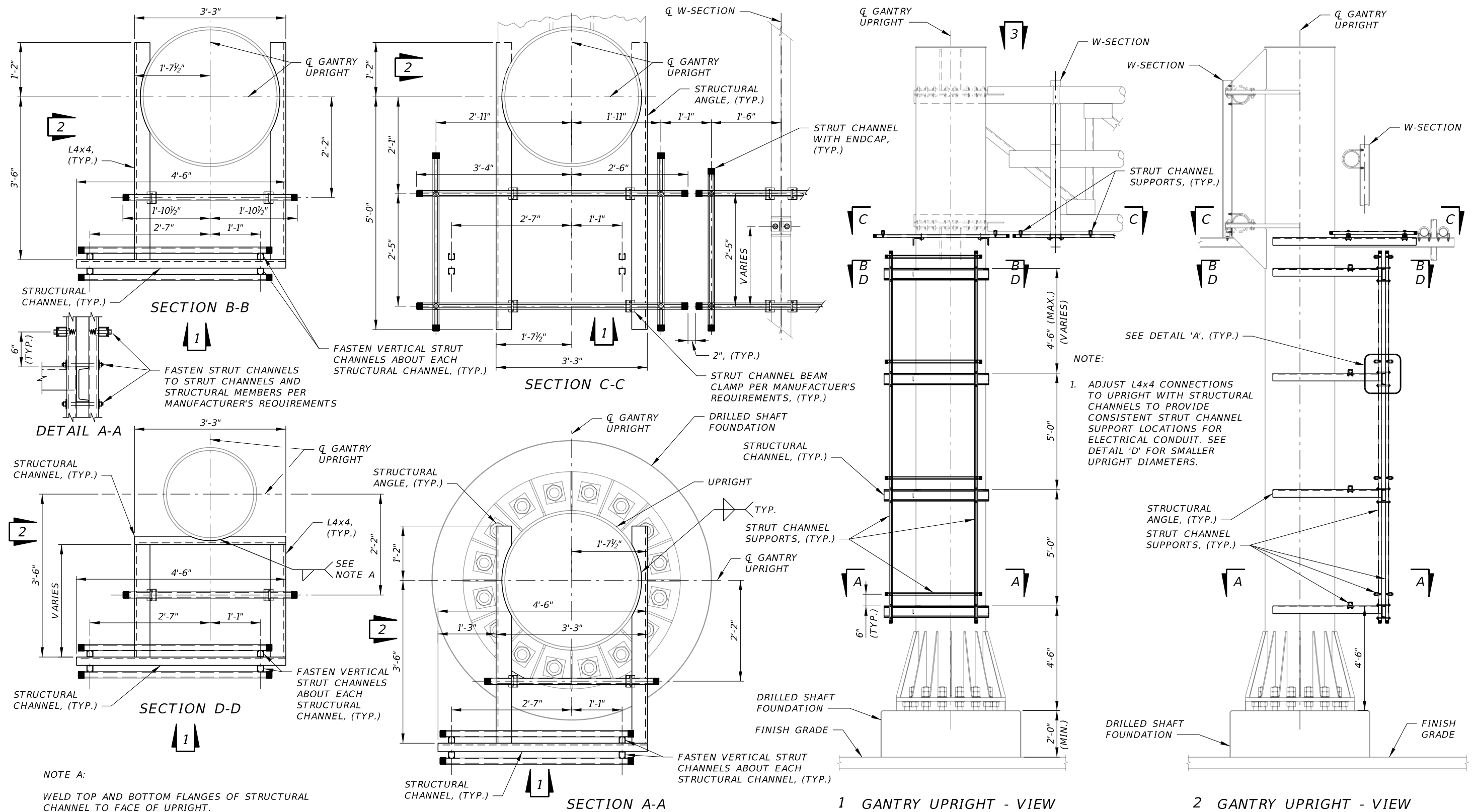
NOT TO SCALE

CANTILEVER PLAN AND UPRIGHT STRUCTURAL DETAILS FOR CONDUIT SUPPORT



NOT TO SCALE

SPAN PLAN AND UPRIGHT STRUCTURAL DETAILS FOR CONDUIT SUPPORT



NOT TO SCALE

EXHIBIT 284-14

01/01/2027

TABLE OF STRUCTURE VARIABLES

CANTILEVER GANTRY STRUCTURES DATA TABLE										
GANTRY	STATION	DIMENSIONS				PANELS	MEMBER SIZES			BACKRAKE
		A *	B		C	N	D (CHORD)	E (WEB)	F (UPRIGHT)	G
		ft	ft	in	in	#	O. D. x Wall Thk. (in)	Angle (in)	O. D. x Wall Thk. (in)	in
48'-0"	###.##	24.000	6	0	66	8	8.625 x 0.500	4 x 4 x 0.500	36.000 x 0.750	#
42'-0"	###.##	24.000	6	0	66	7	8.625 x 0.500	4 x 4 x 0.500	36.000 x 0.750	#
36'-0"	###.##	24.000	6	0	66	6	6.625 x 0.500	4 x 4 x 0.500	36.000 x 0.750	#
30'-0"	###.##	24.000	6	0	66	5	6.625 x 0.500	4 x 4 x 0.500	36.000 x 0.750	#

* 24'-0" is a maximum value.

CANTILEVER GANTRY STRUCTURES DATA TABLE (CONTINUED)																																
GANTRY	GUSSET PLATES																TRUSS CONNECTION								ALTERNATE SPLICE							
	GA	GB	GC		GD		GE		GF		GG		GH		GJ		GK	TA	TB	TC	TD	TE	TF	TG	TH	TJ	PA	PB	PC	PD	PE	PF
	in	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	in	in	#	#	in	in	in	in	in	in	in	in	in	in	#	
48'-0"	½	1	1	5⅝	0	8⅝	1	2½	0	7⅝	1	5⅝	0	8⅝	0	11	¾	16	16	2	⅞	¾	½	½	½	1⅜	2	¾	¾	¾	1	9
42'-0"	½	1	1	5⅝	0	8⅝	1	2½	0	7⅝	1	5⅝	0	8⅝	0	11	¾	16	16	2	⅞	¾	½	½	½	1⅜	2	¾	¾	¾	1	9
36'-0"	½	⅞	1	3¼	0	7½	1	0⅜	0	7¼	1	¾	0	7½	0	9⅜	⅝	16	16	1¼	⅙	⅝	⅝	⅝	⅝	⅝	NA	NA	NA	NA	NA	NA
30'-0"	½	⅞	1	¾	0	7½	1	0⅜	0	7¼	1	¾	0	7½	0	9⅜	⅝	16	16	1¼	⅙	⅝	⅝	⅝	⅝	⅝	NA	NA	NA	NA	NA	NA

CANTILEVER GANTRY STRUCTURES DATA TABLE (CONTINUED)																					
GANTRY	BASE CONNECTION										ANCHOR		FOOTING - DRILLED SHAFT								
	BA	BB	BC	BD	BE		BF	BG	BH	BJ	BK		FA		FB		FC	FD	FE	FF	FG
	in	#	in	in	ft	in	in	in	in	in	ft	in	ft	in	ft	in	# / Size	#	in	#	in
48'-0"	2¾	16	2	⅞	3	2	⅝	⅝	⅝	⅝	#	#	#	#	#	#	#	#	#	#	#
42'-0"	2¾	16	2	⅞	3	2	⅝	⅝	⅝	⅝	#	#	#	#	#	#	#	#	#	#	#
36'-0"	2¼	16	2	⅝	2	7	¼	¼	¼	¼	#	#	#	#	#	#	#	#	#	#	#
30'-0"	2¼	16	2	⅝	2	7	¼	¼	¼	¼	#	#	#	#	#	#	#	#	#	#	#

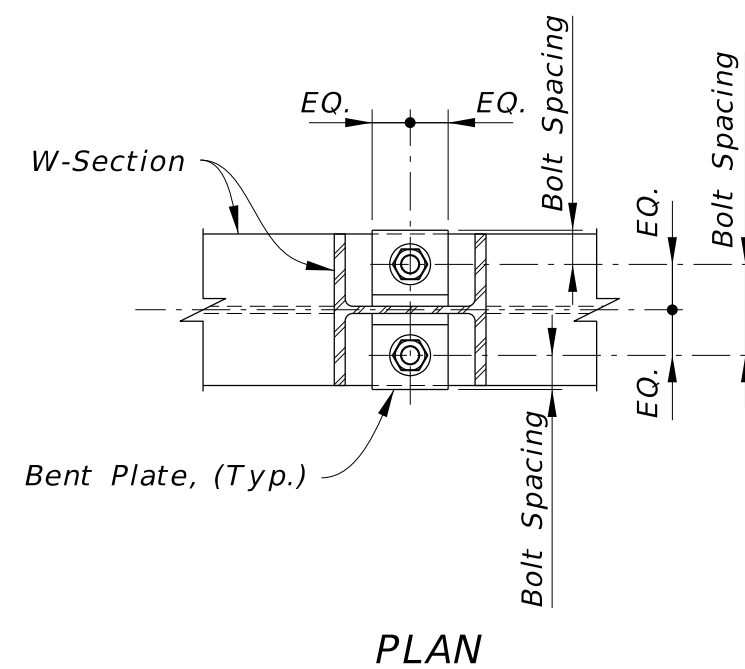
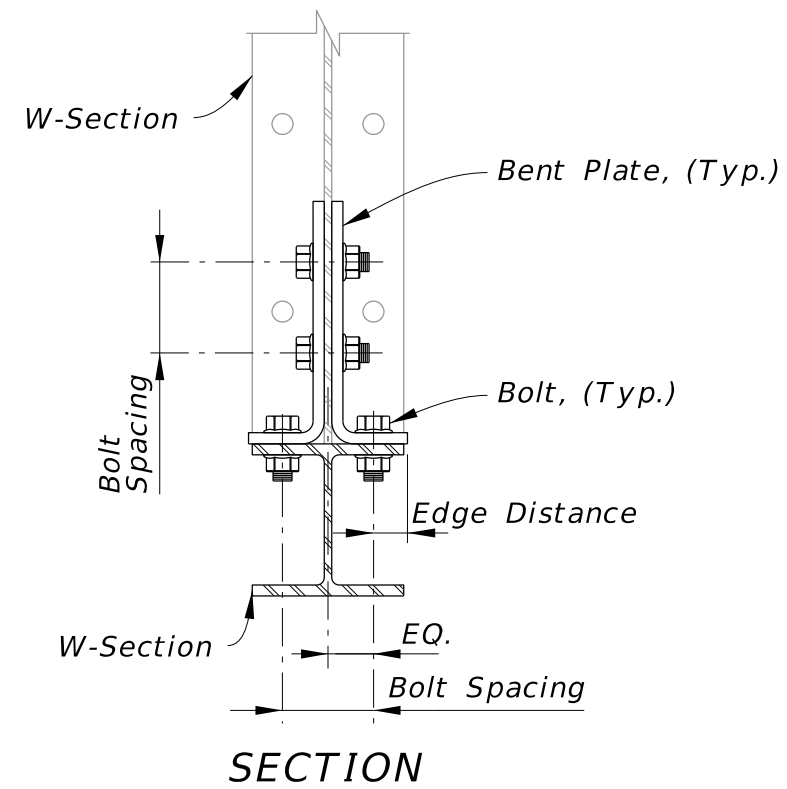
- NOTES:
1.

The variables in this Exhibit referenced the 2026 -27 Standard Plans 700-040, except for the variables for the splice, which is based on the "Alternate Splice" shown on 2026-27 Standard Plans 700-041.
2.

Design Wind Speed = ### mph.
3.

= Site Specific Value.

NON-ACCESSIBLE GANTRY BENT PLATE DETAIL

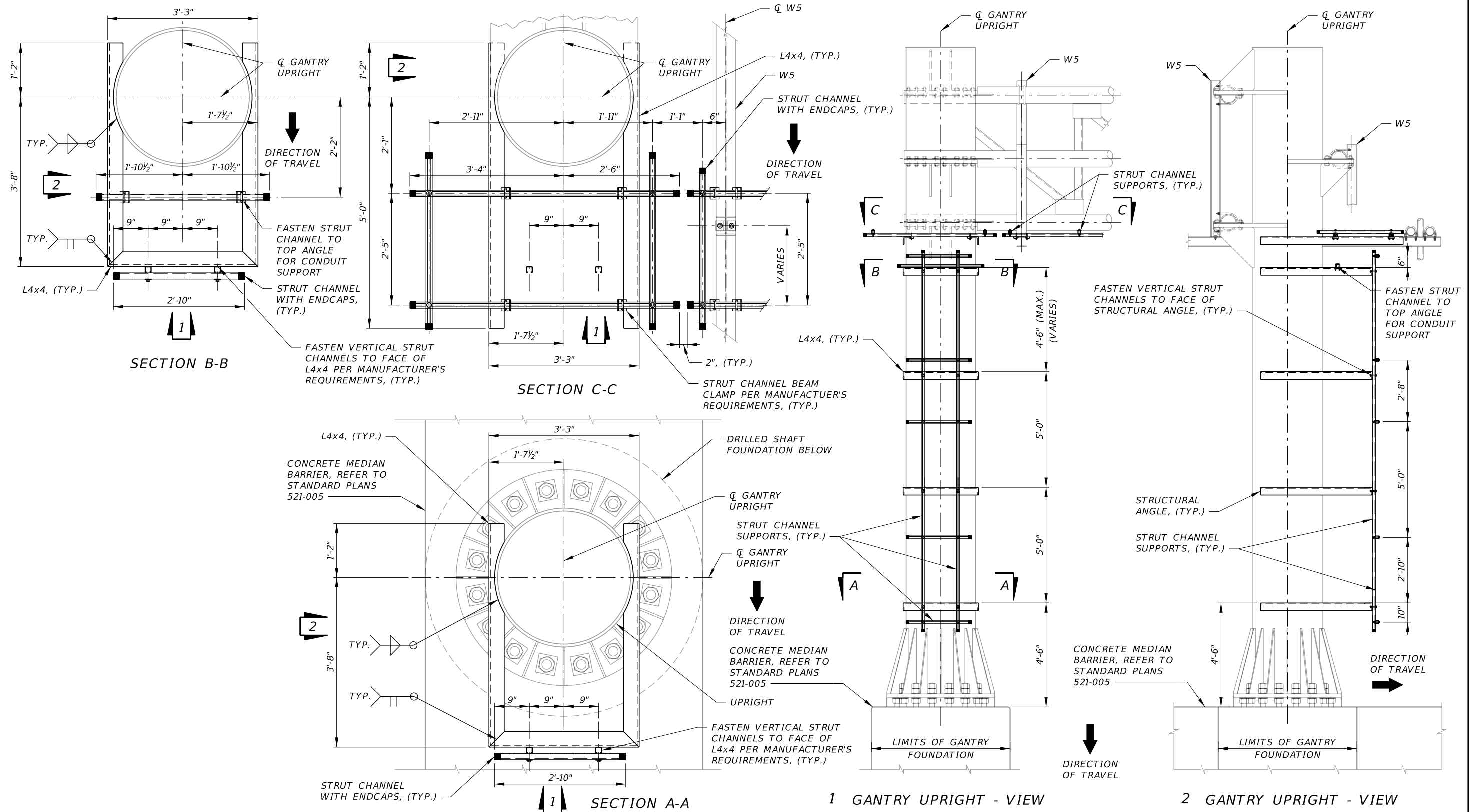


NOT TO SCALE

EXHIBIT 284-16

01/01/2027

CANTILEVER MEDIAN UPRIGHT STRUCTURAL DETAILS FOR CONDUIT SUPPORT

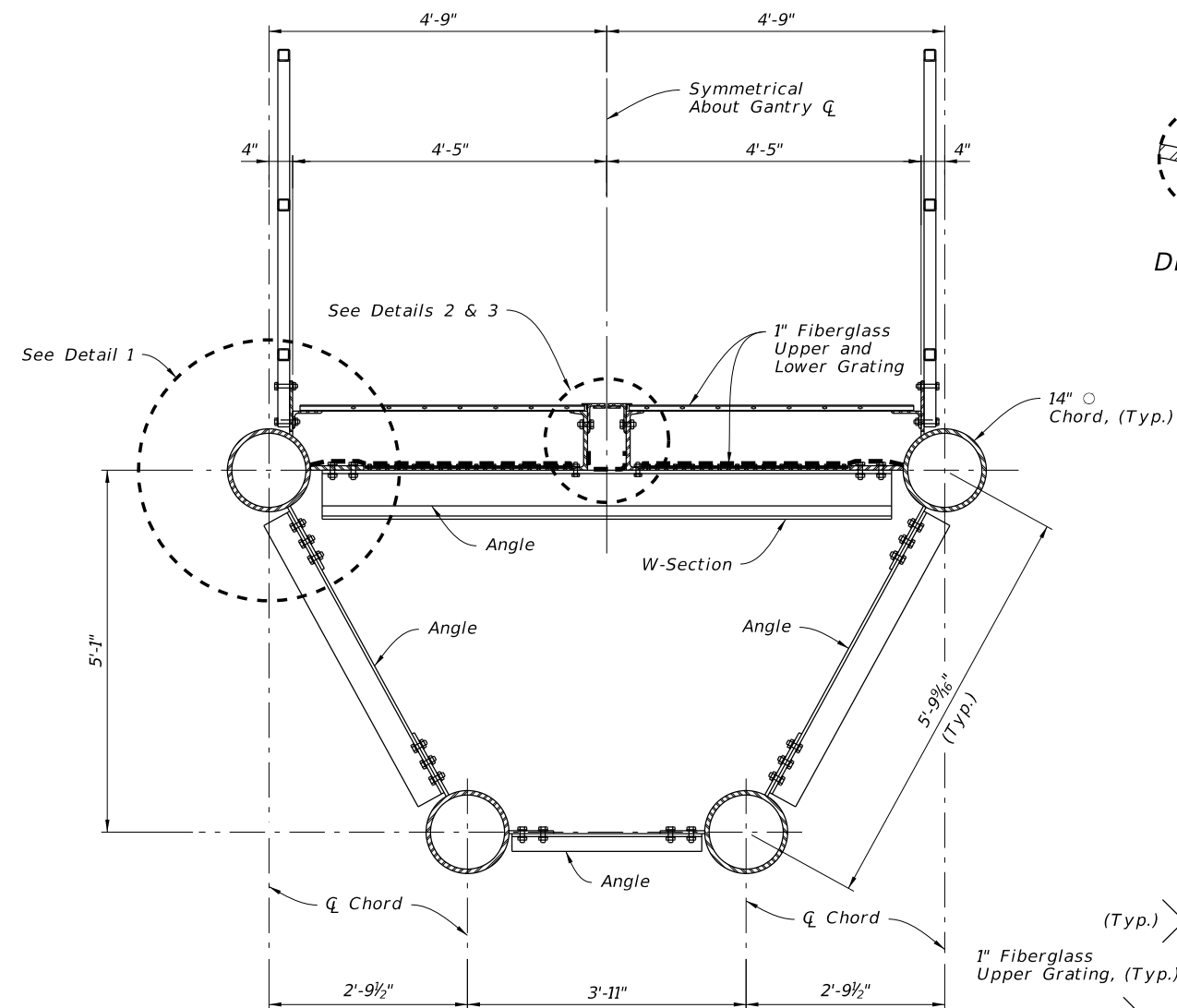


NOT TO SCALE

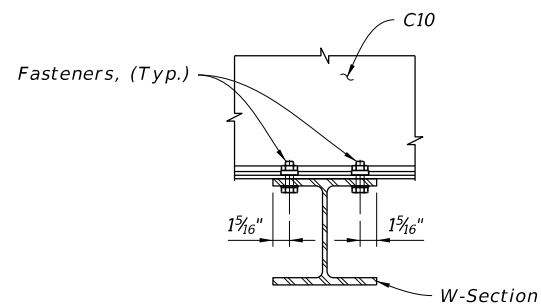
EXHIBIT 284-17

01/01/2027

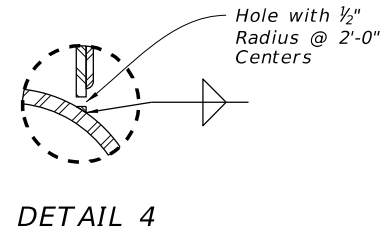
ACCESSIBLE GANTRY TYPICAL SECTION



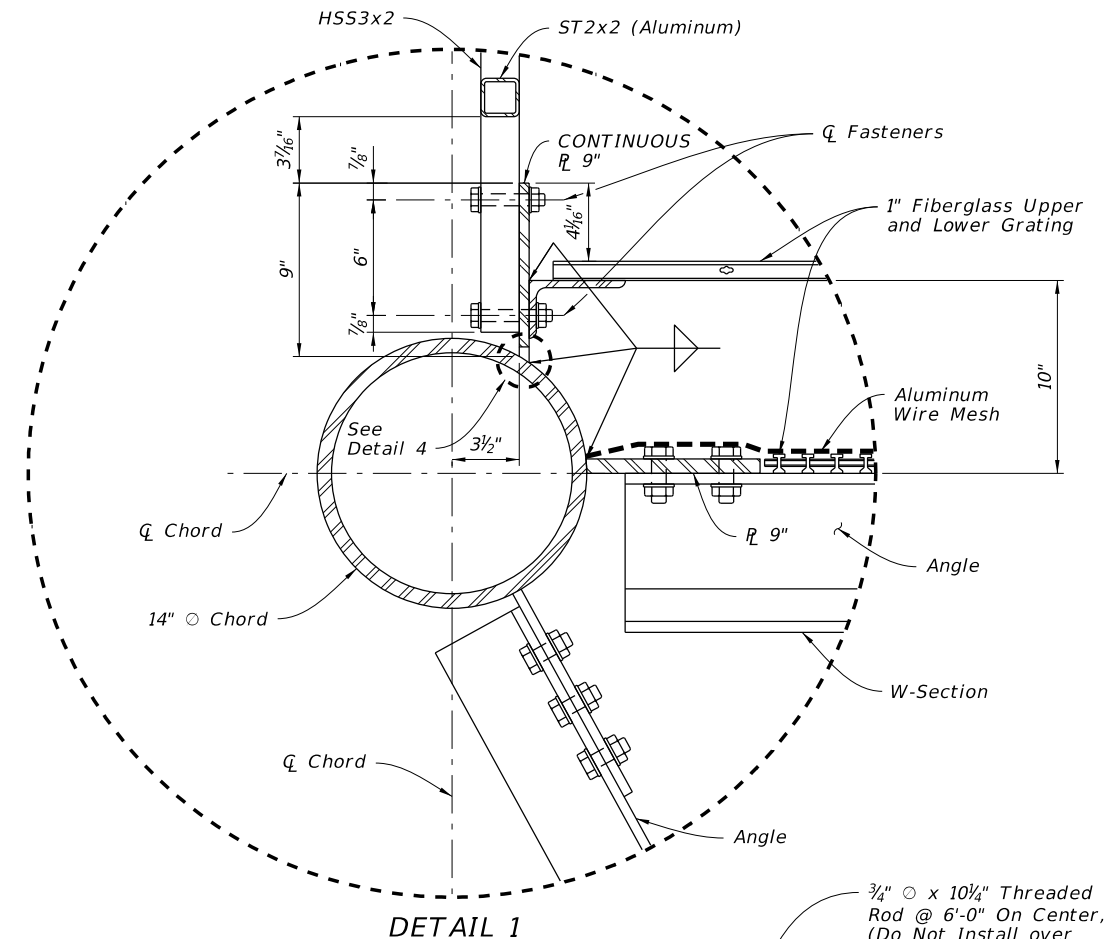
TYPICAL SECTION



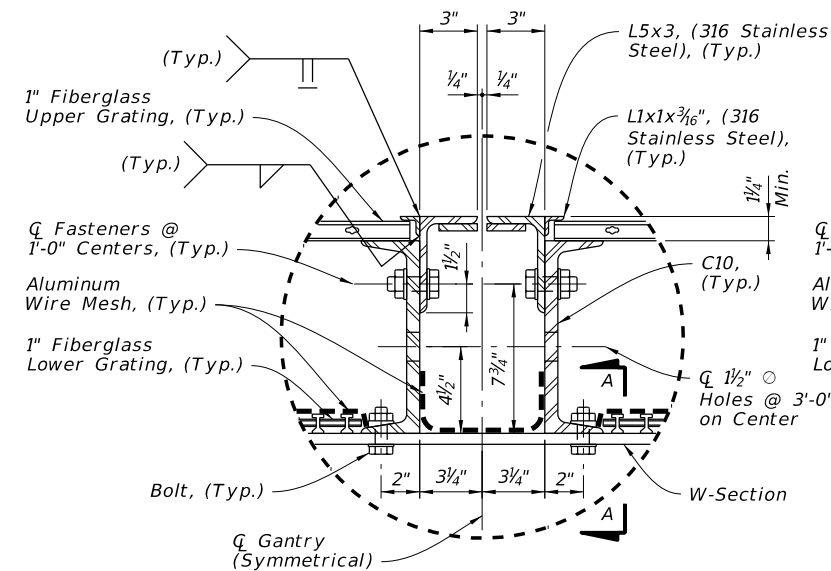
SECTION A-A



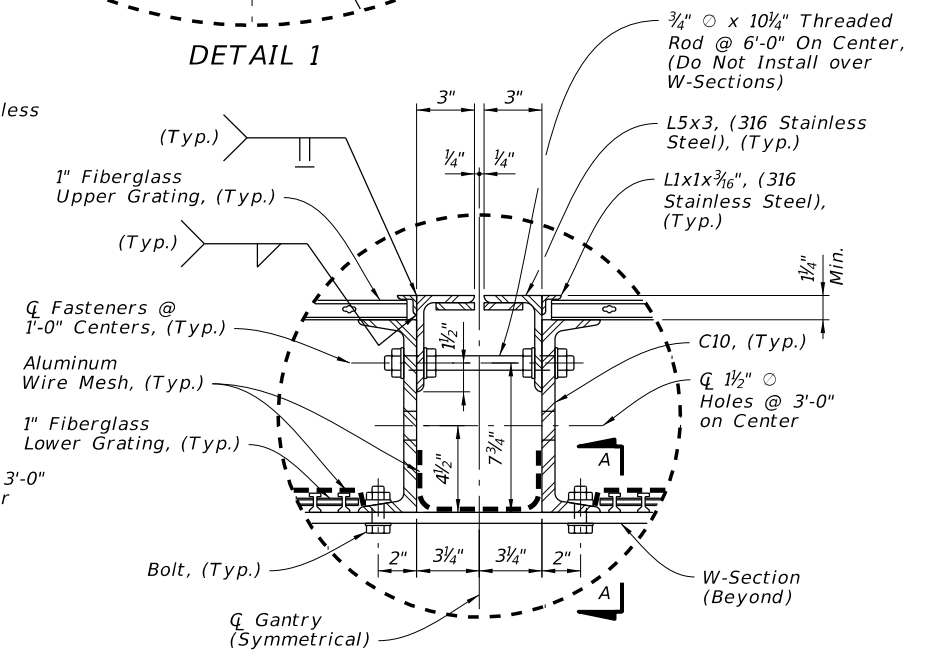
DETAIL 4



DETAIL 1



DETAIL 2



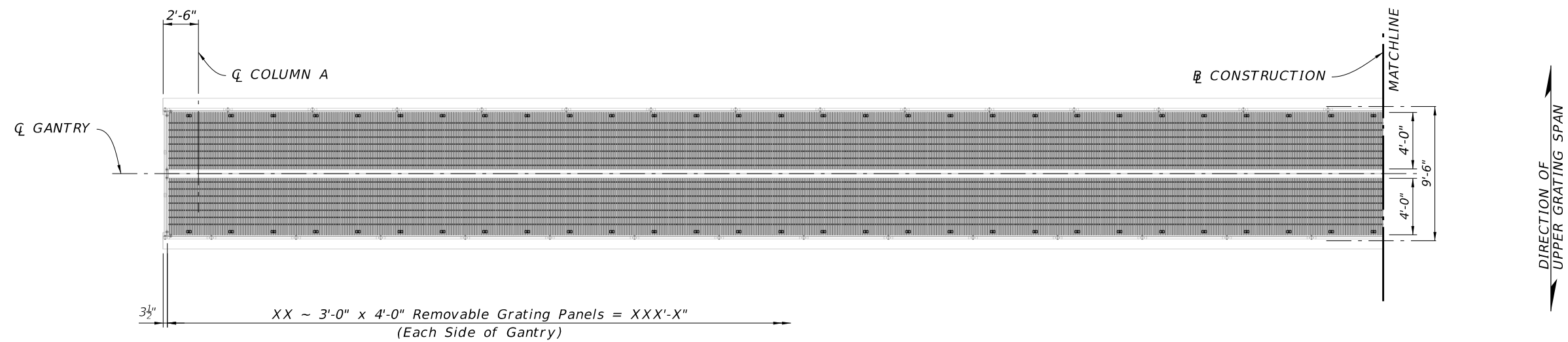
DETAIL 3

NOT TO SCALE

EXHIBIT 284-18

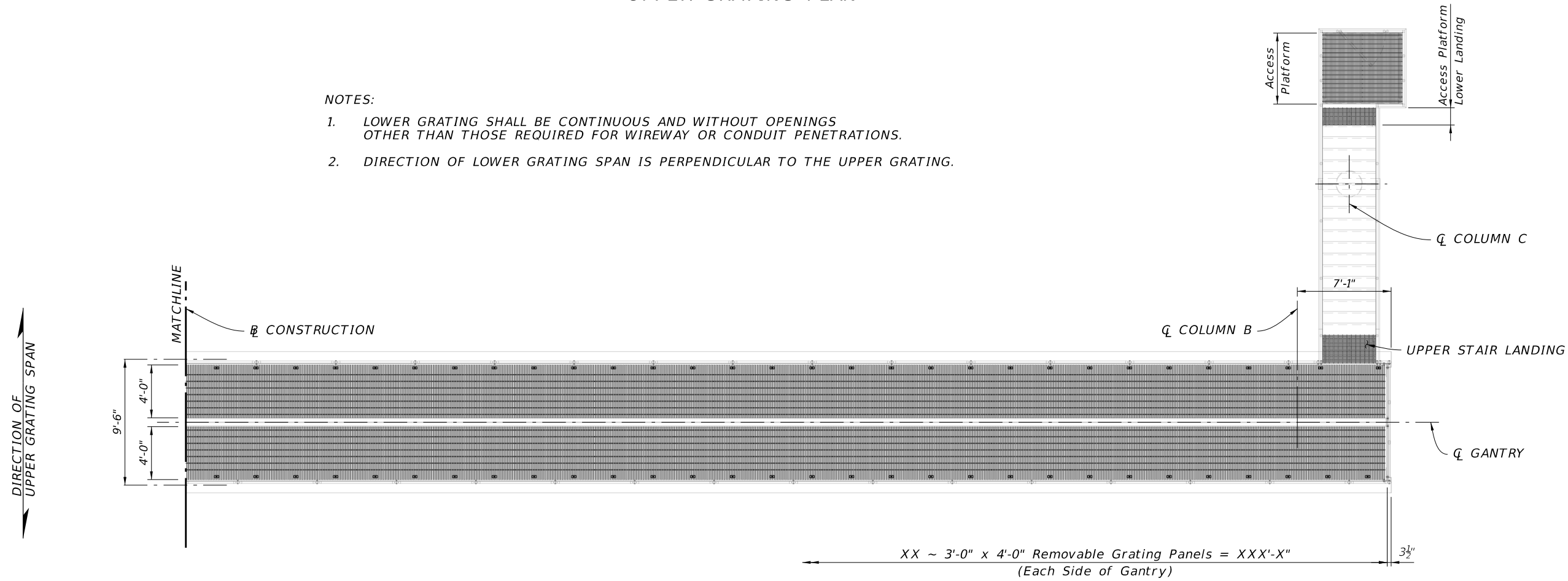
01/01/2027

ACCESSIBLE GANTRY DECK AND ACCESS STAIRWAY



UPPER GRATING PLAN

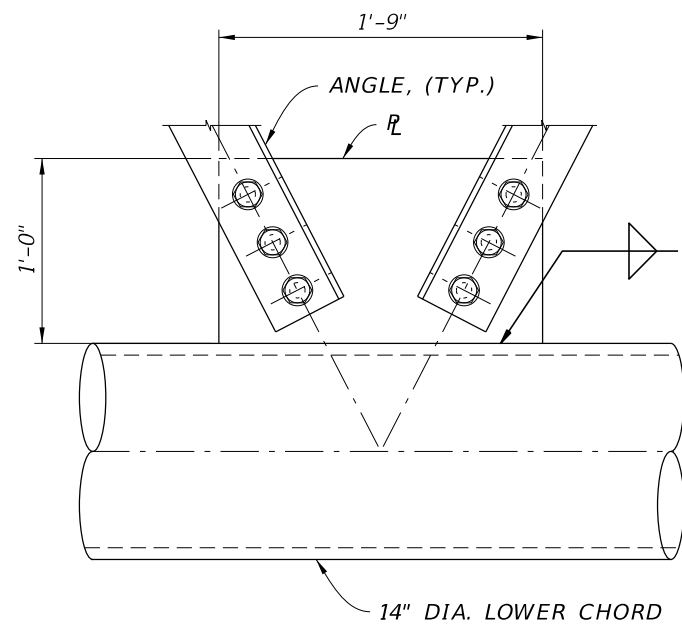
- NOTES:
- 1. LOWER GRATING SHALL BE CONTINUOUS AND WITHOUT OPENINGS OTHER THAN THOSE REQUIRED FOR WIREWAY OR CONDUIT PENETRATIONS.
 - 2. DIRECTION OF LOWER GRATING SPAN IS PERPENDICULAR TO THE UPPER GRATING.



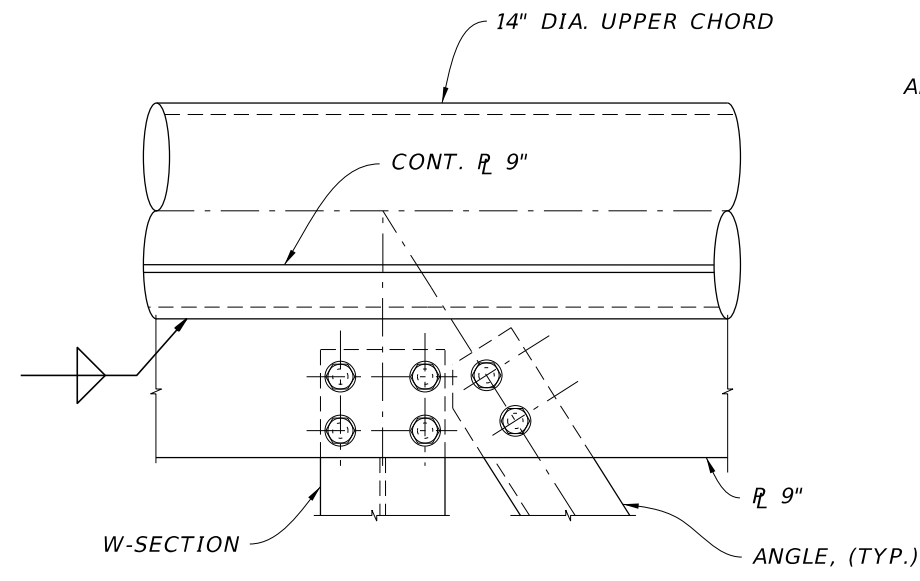
UPPER GRATING PLAN

NOT TO SCALE

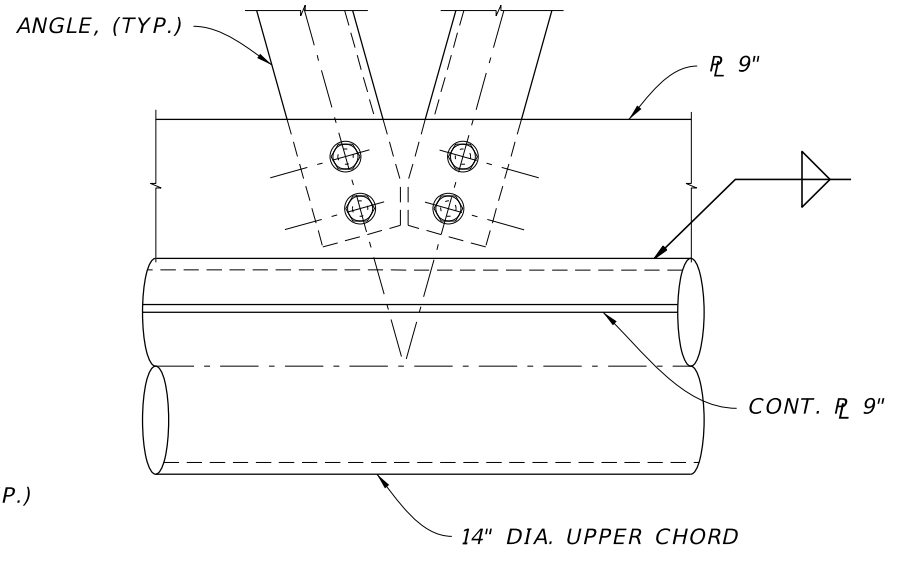
TRUSS CONNECTION DETAILS (1 OF 2)



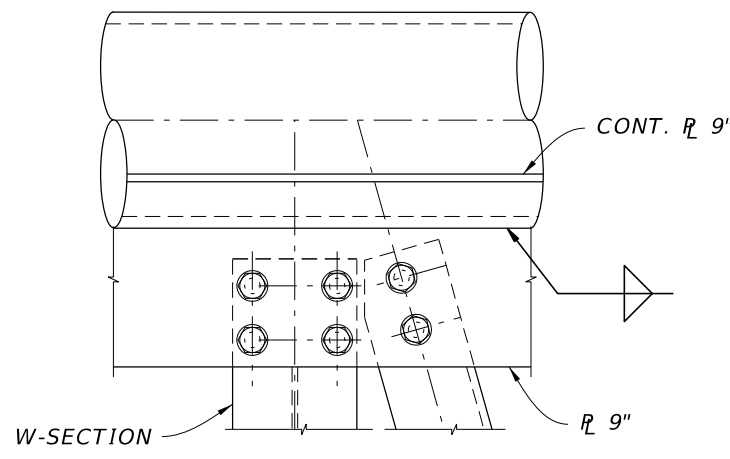
ELEVATION - DETAIL 1



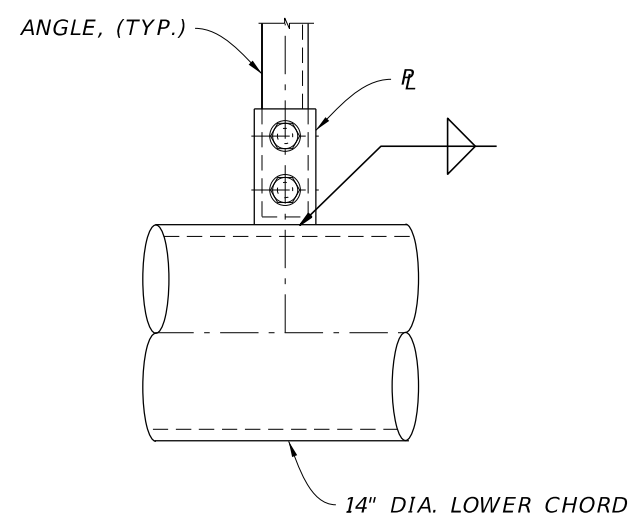
PLAN - DETAIL 2



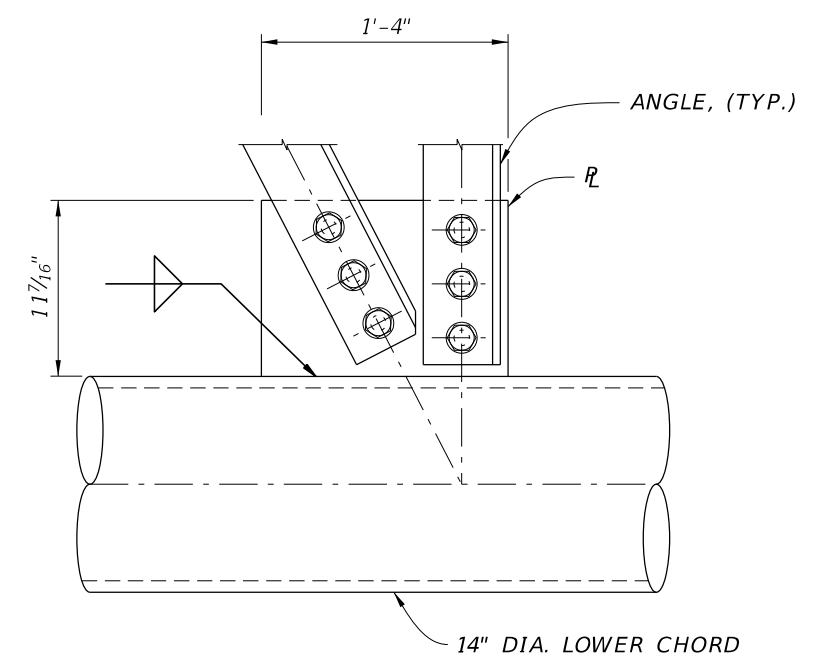
PLAN - DETAIL 3



PLAN - DETAIL 4



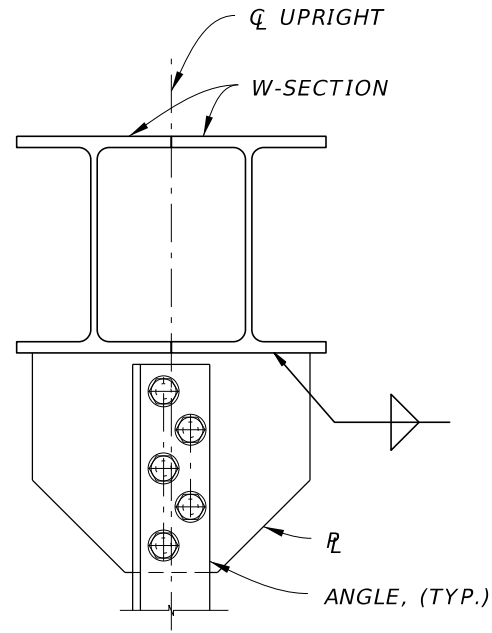
ELEVATION - DETAIL 5



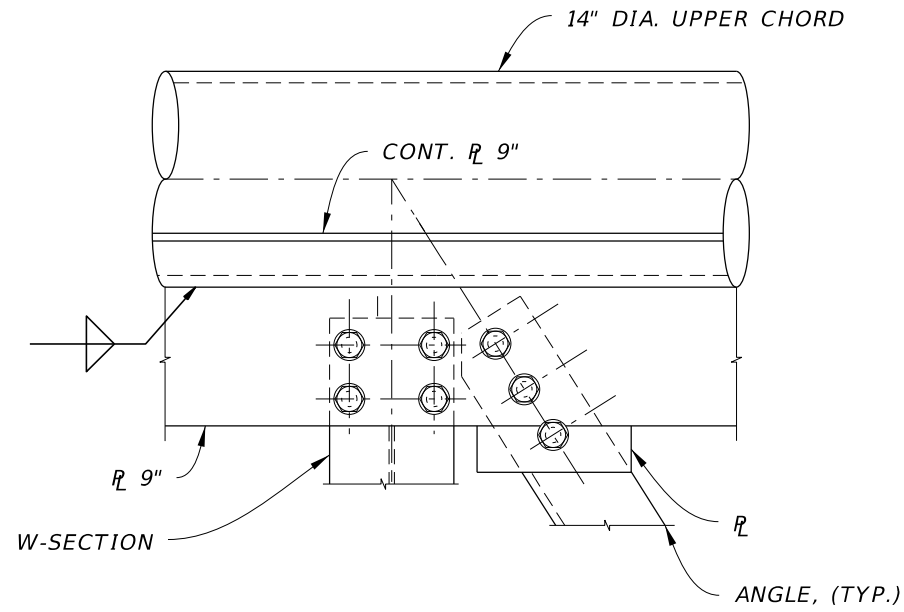
ELEVATION - DETAIL 6

NOT TO SCALE

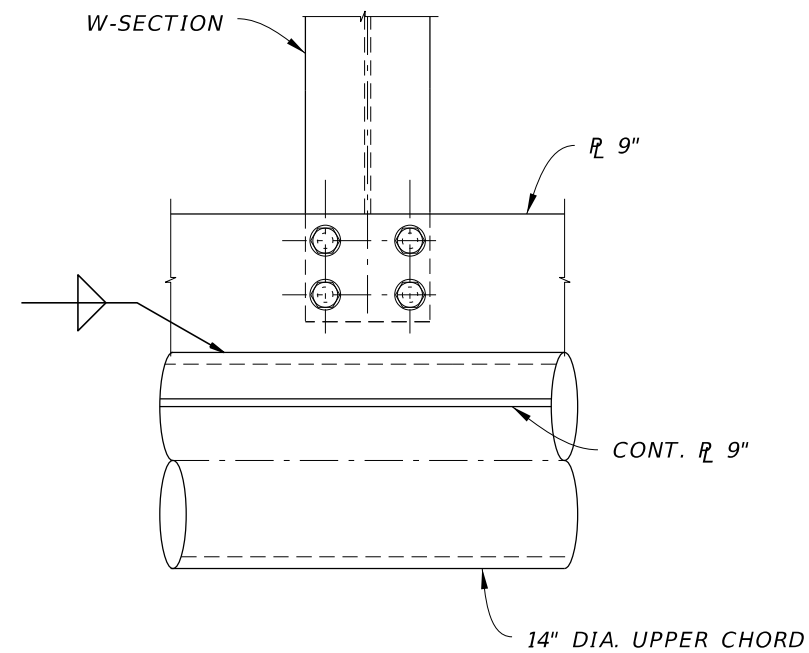
TRUSS CONNECTION DETAILS (2 OF 2)



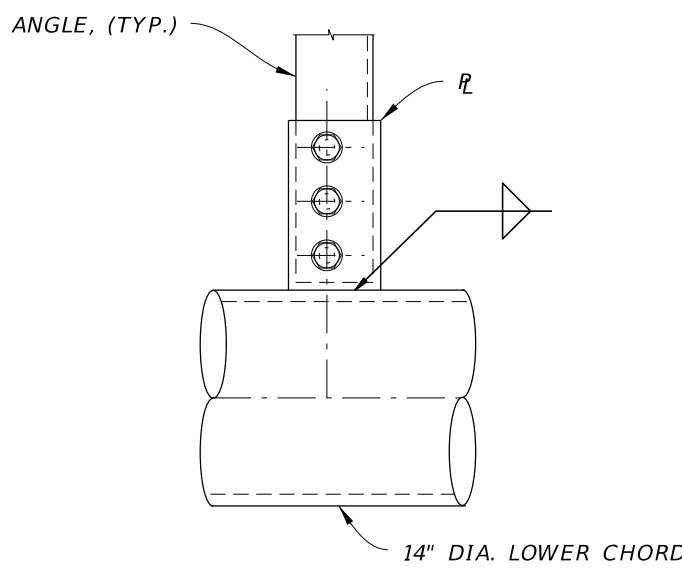
ELEVATION - DETAIL 7



PLAN - DETAIL 8



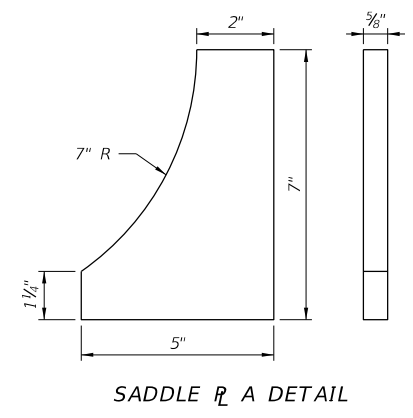
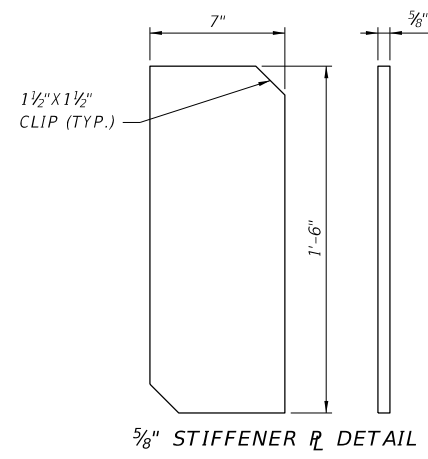
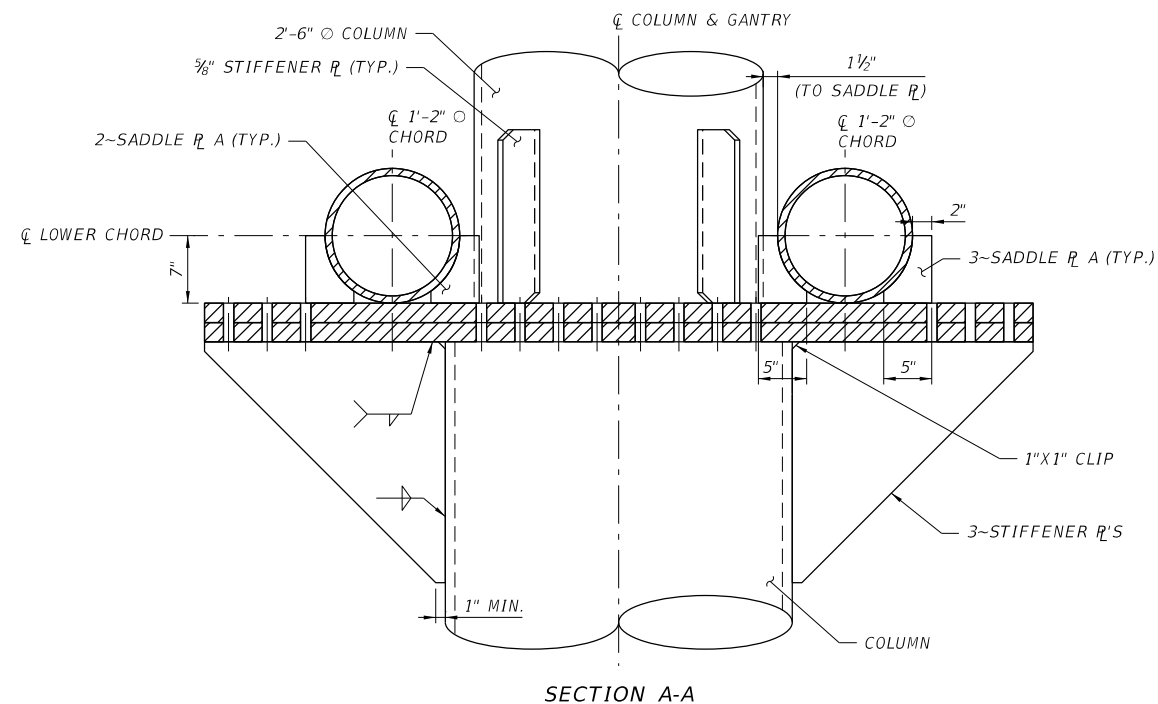
PLAN - DETAIL 9



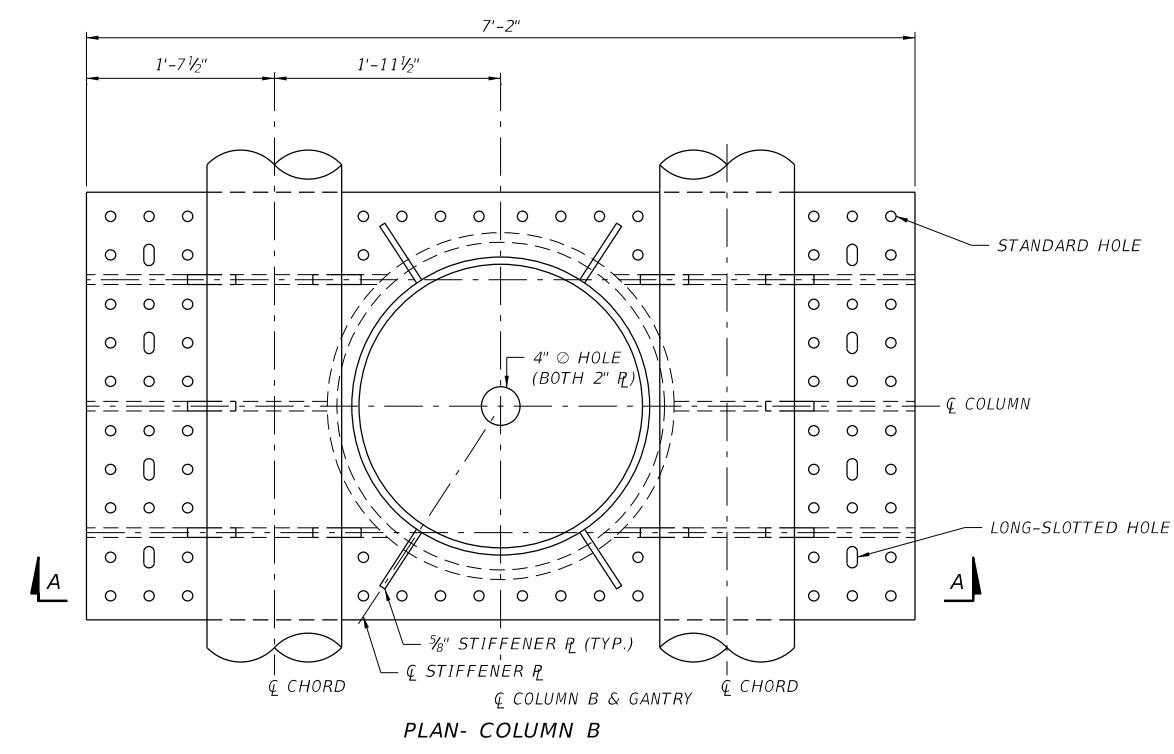
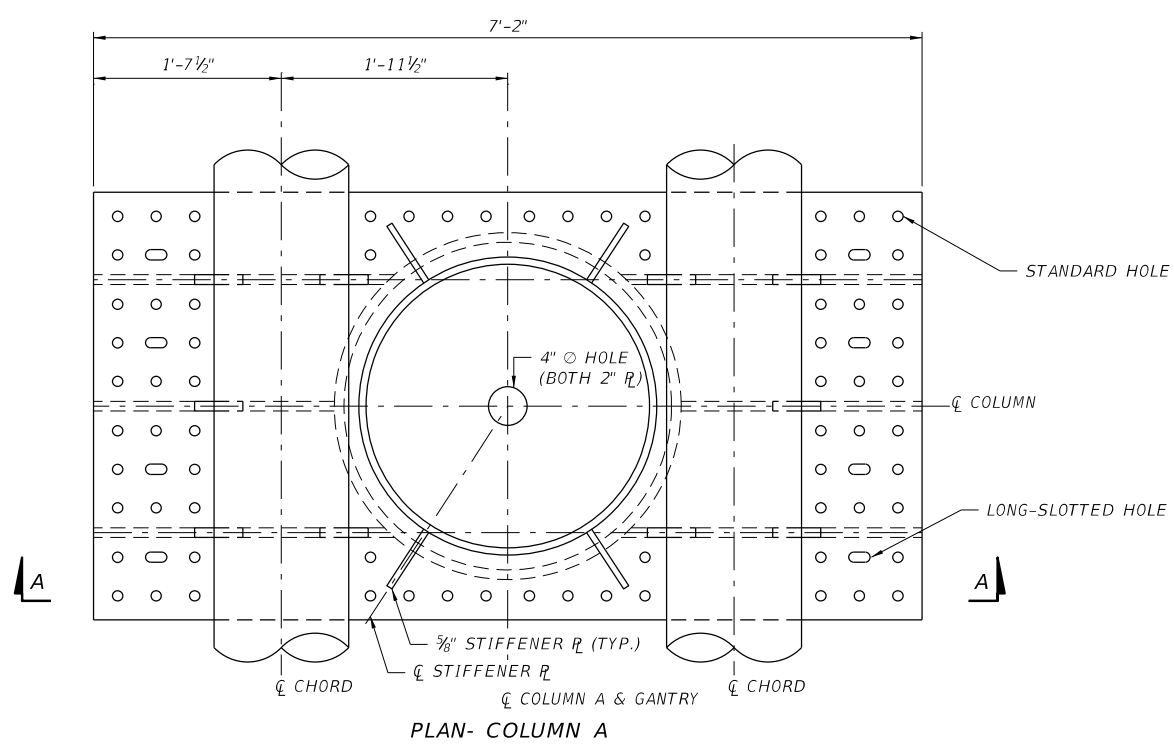
ELEVATION - DETAIL 10

NOT TO SCALE

LOWER CHORD CONNECTION



- NOTES:
1. ENSURE MINIMUM QUANTITY OF BOLTS ARE UTILIZED PER STANDARD SPECIFICATION 460-7.7 DURING GANTRY INSTALLATION PRIOR TO CRANE RELEASE.
 2. CONNECTION IS SYMMETRICAL ABOUT Ø OF GANTRY.
 3. THIS DETAIL IS NOT APPLICABLE AT MEDIAN UPRIGHTS. A PROJECT-SPECIFIC DESIGN IS REQUIRED.

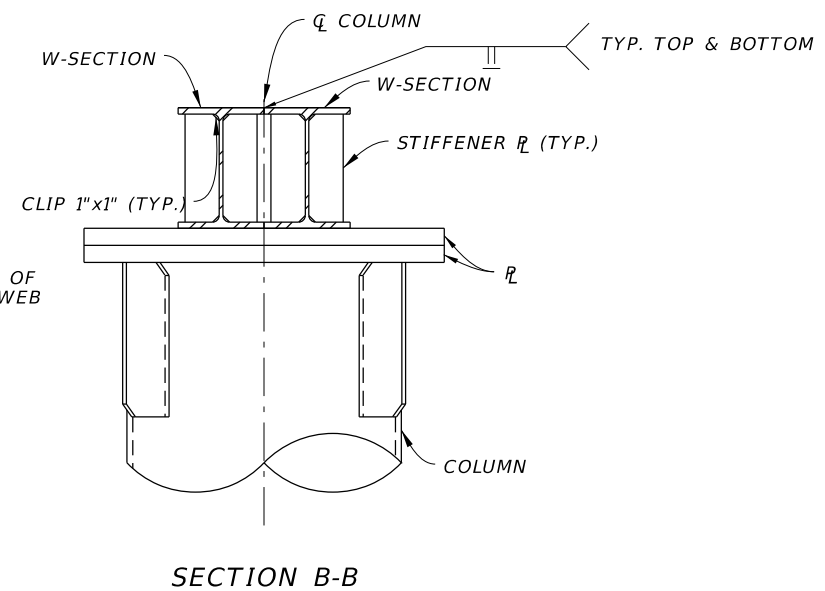
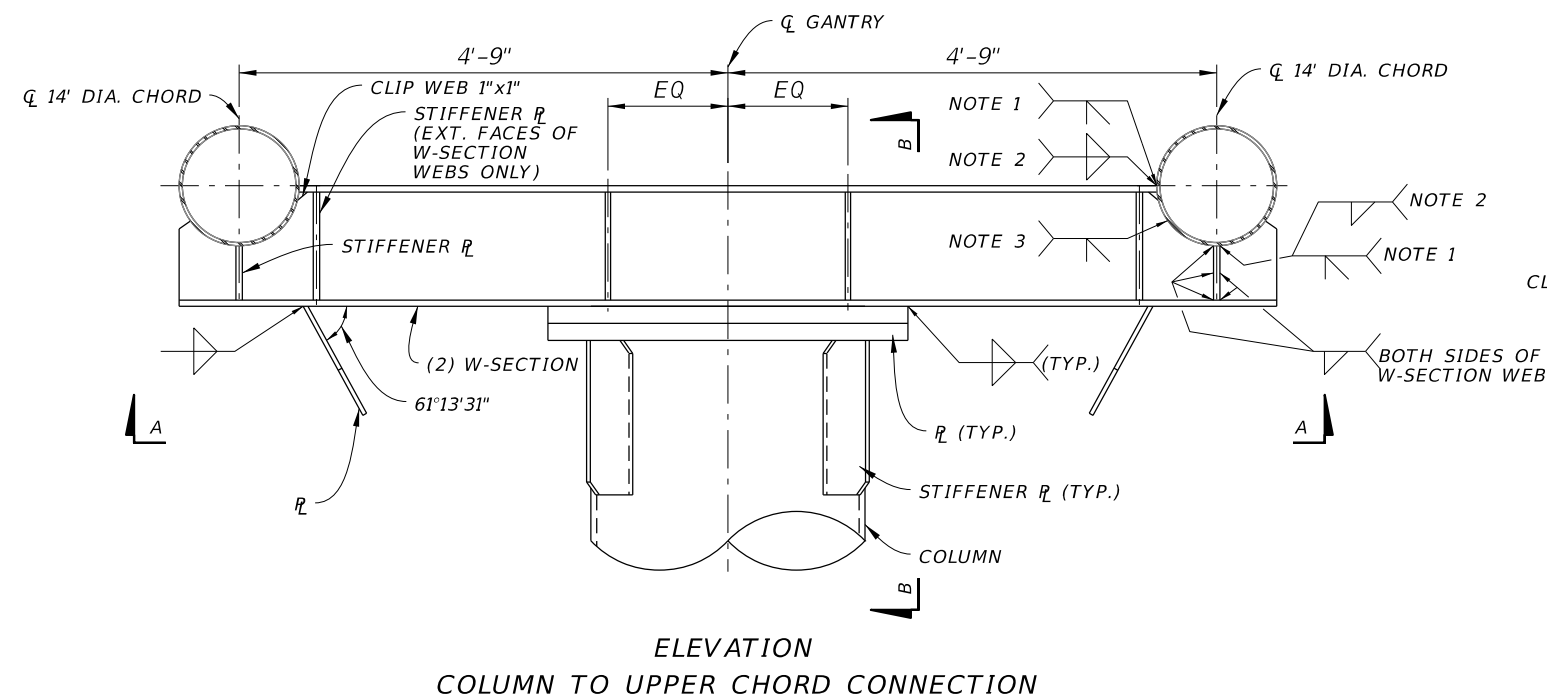
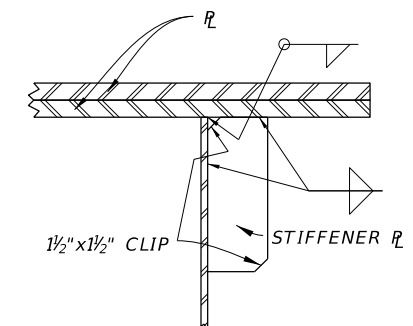
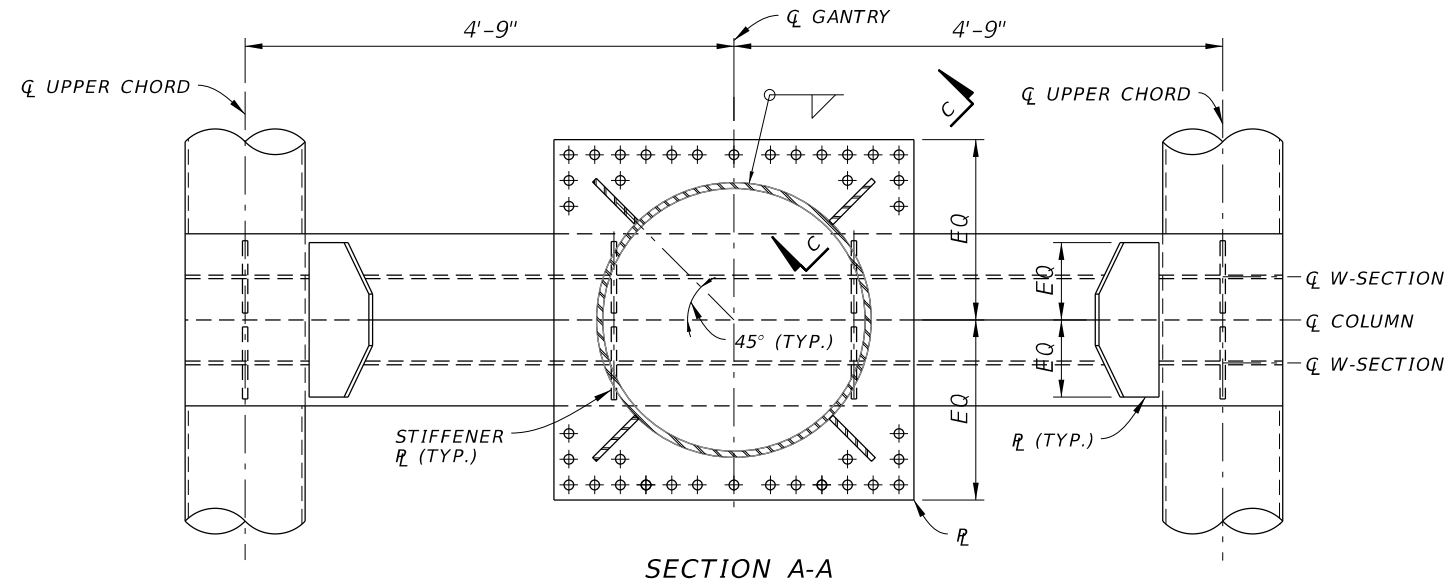


NOT TO SCALE

UPPER CHORD CONNECTION

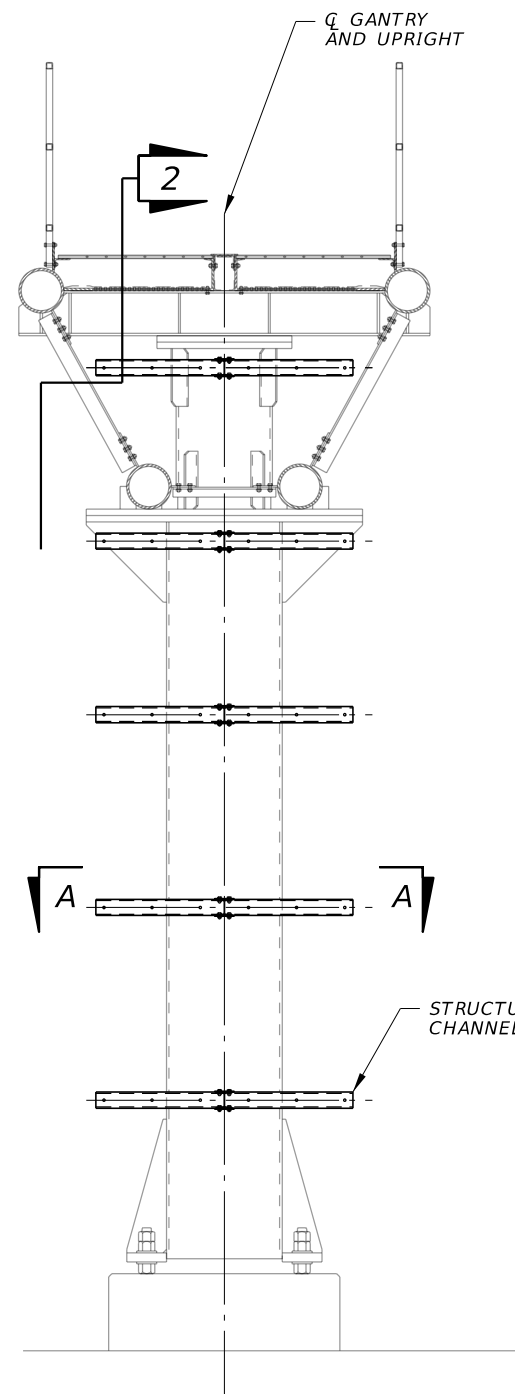
NOTES:

1. PROVIDE PARTIAL PENETRATION GROOVE WELD IN BETWEEN THE WEBS OF THE W-SECTION.
2. PROVIDE FILLET WELDS ON THE FLANGES OUTSIDE OF THE WEBS OF THE W-SECTION.
3. PROVIDE PARTIAL PENETRATION GROOVE WELD OUTSIDE THE WEBS OF THE W-SECTION.
4. THIS DETAIL IS NOT APPLICABLE AT MEDIAN UPRIGHTS. A PROJECT-SPECIFIC DETAIL IS REQUIRED.

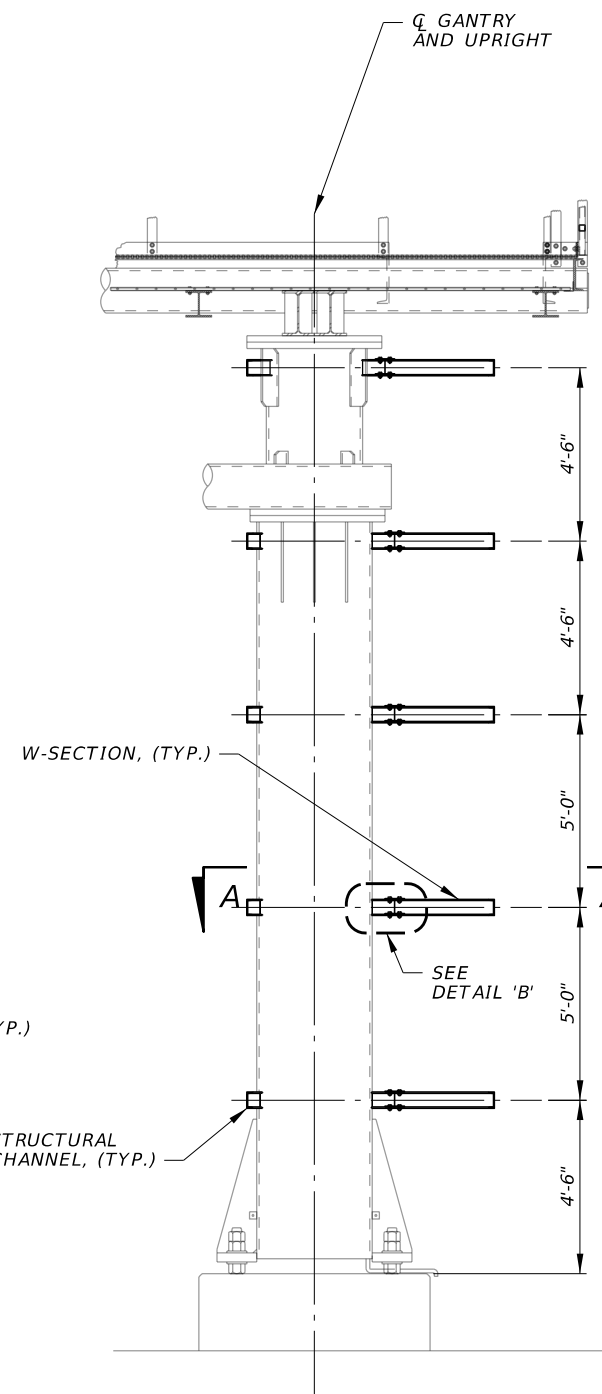


NOT TO SCALE

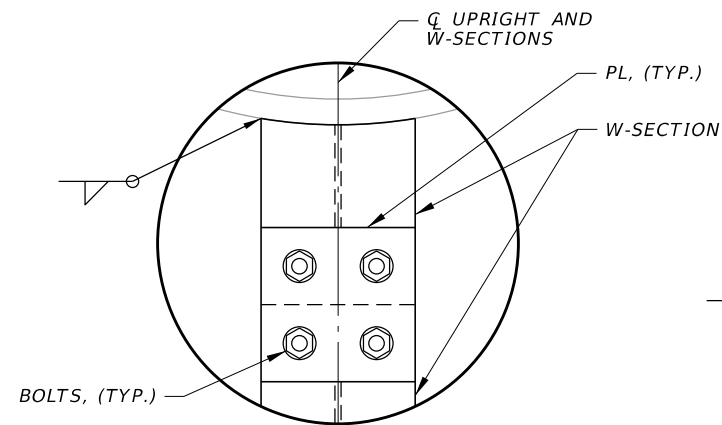
UPRIGHT STRUCTURAL DETAILS FOR WIREWAY SUPPORT



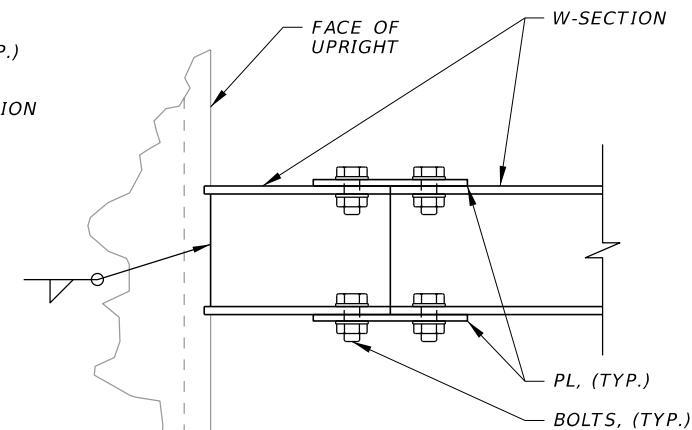
1 VERTICAL WIREWAY END ELEVATION



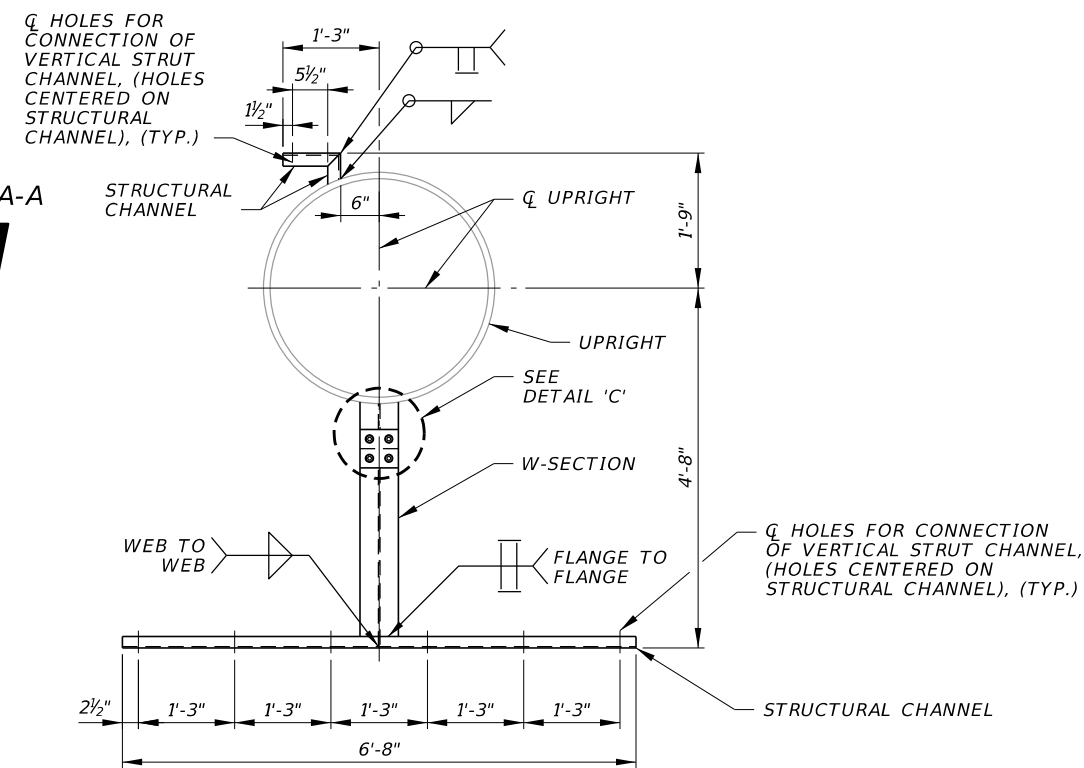
2 VERTICAL WIREWAY SECTION



DETAIL 'C'



UPRIGHT DETAIL 'B'



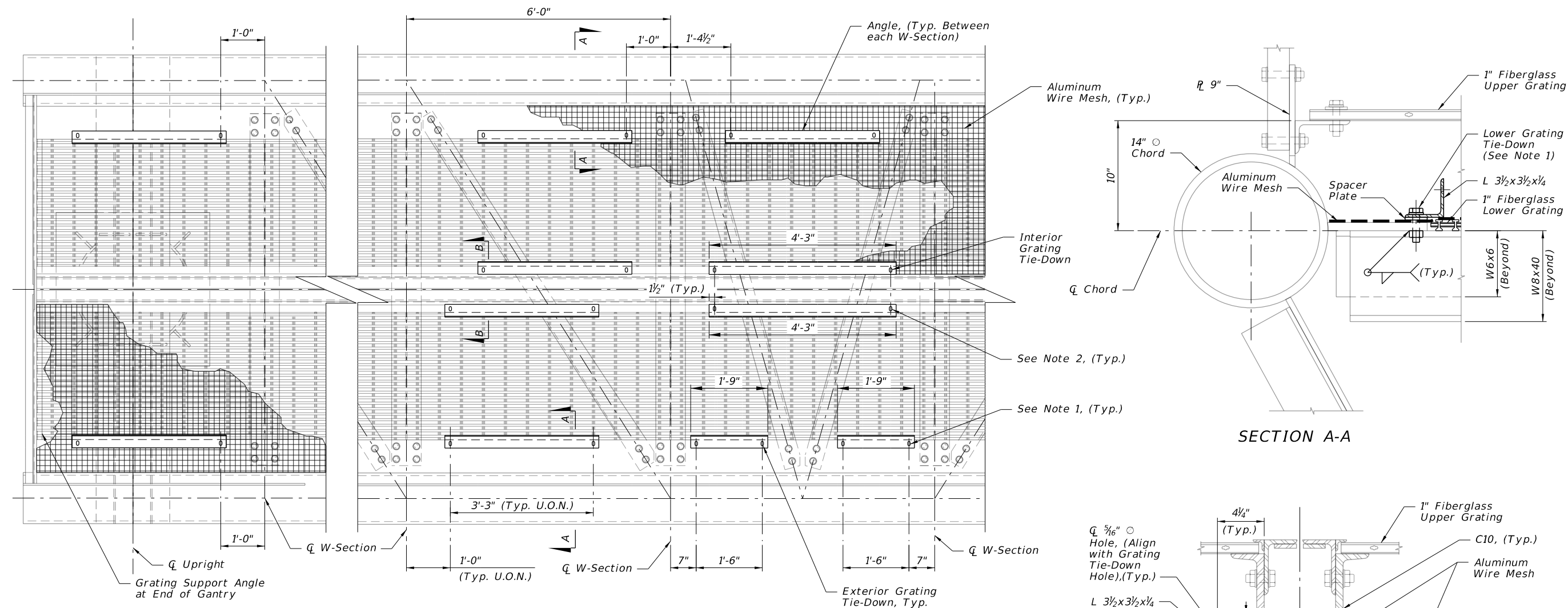
SECTION A-A

NOT TO SCALE

EXHIBIT 284-24

01/01/2027

LOWER GRATING DETAIL



TYPICAL LOWER GRATING PLAN
(RAILING AND TOLL EQUIPMENT NOT SHOWN)

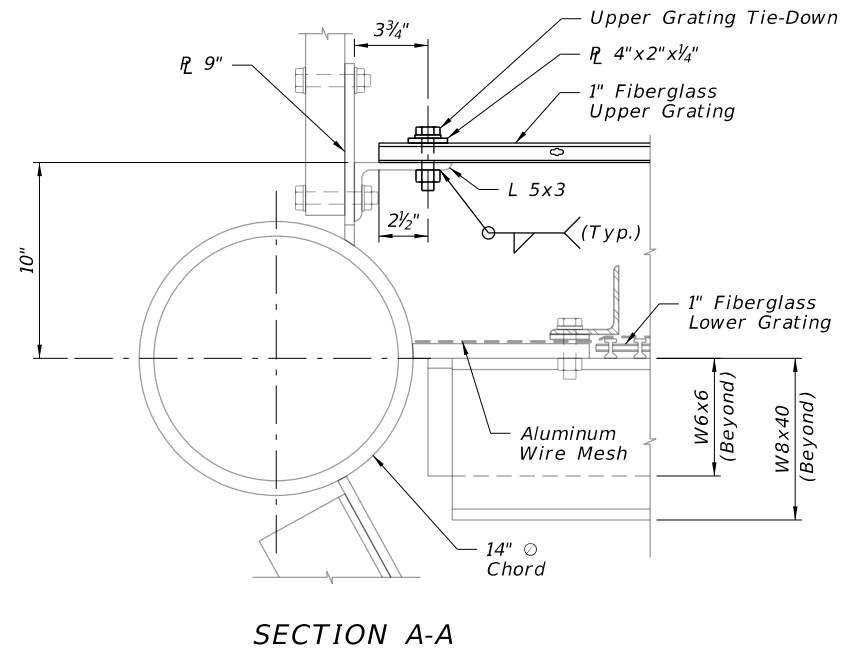
NOTES:

1. BOLT WITH WASHERS, NUT AND 1 1/2" x 1 1/2" SPACER PLATE. PROVIDE SLOTTED HOLES IN L3 1/2 x 3 1/2 AND HOLES IN 9" PLATE AND SPACER PLATE. THE SLOTTED HOLE IN THE ANGLE SHALL BE PERPENDICULAR TO THE LENGTH OF THE ANGLE. NUT SHALL BE SHOP WELDED TO THE BOTTOM OF 9" PLATE.
2. BOLT WITH WASHERS, NUT AND 1 1/2" x 1 1/2" WEDGED SPACER PLATE. PROVIDE HOLES IN L3 1/2 x 3 1/2, C10 AND WEDGED SPACER PLATE. NUT SHALL BE SHOP WELDED TO THE BOTTOM OF C10.
3. PROVIDE 1/32" THICK NEOPRENE PAD BETWEEN ANGLE AND ALUMINUM CABLE TRAY.
4. PROVIDE SHOP FABRICATED NOTCHES IN LOWER GRATING TO CLEAR BOLTS AT MEMBER CONNECTIONS.

NOT TO SCALE

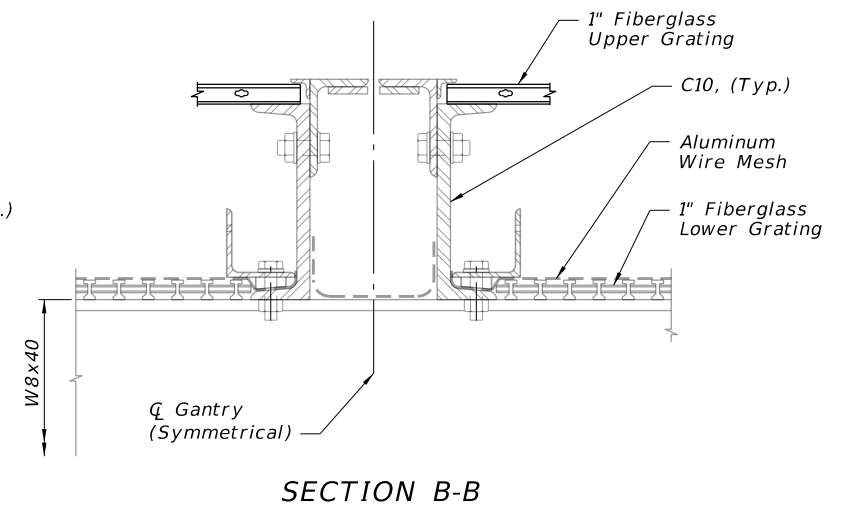
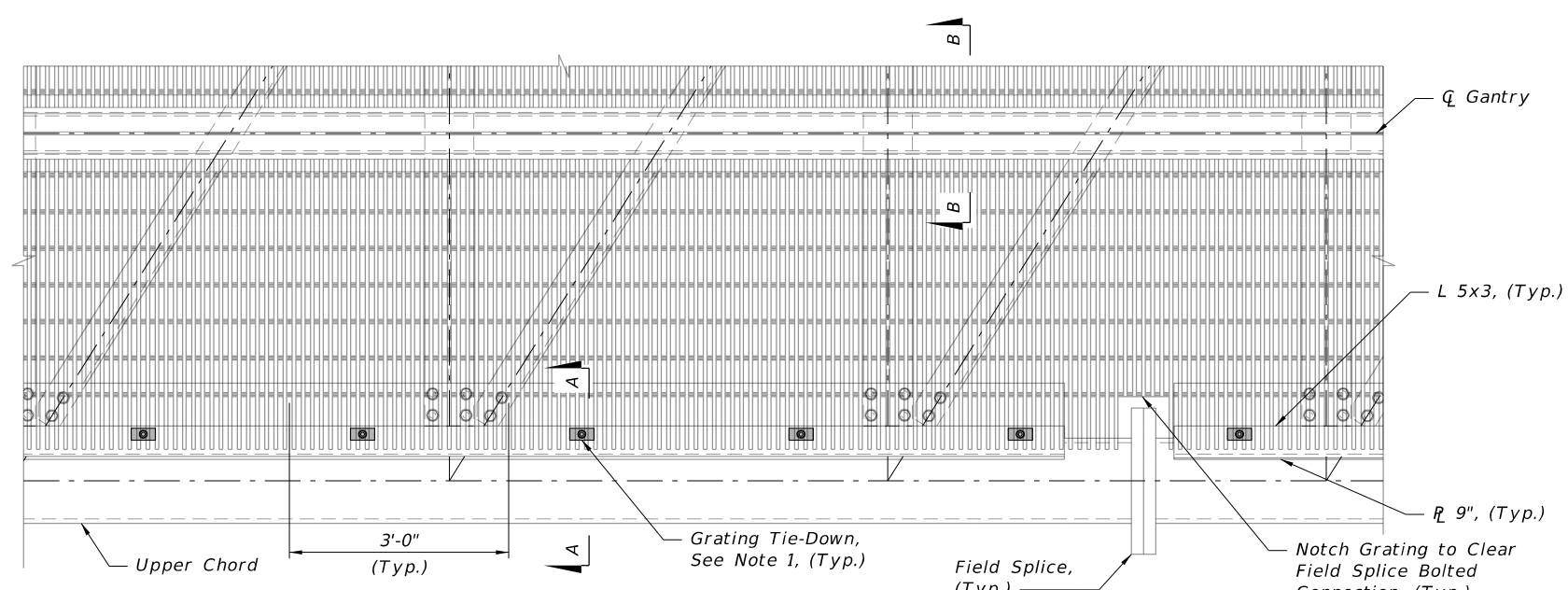
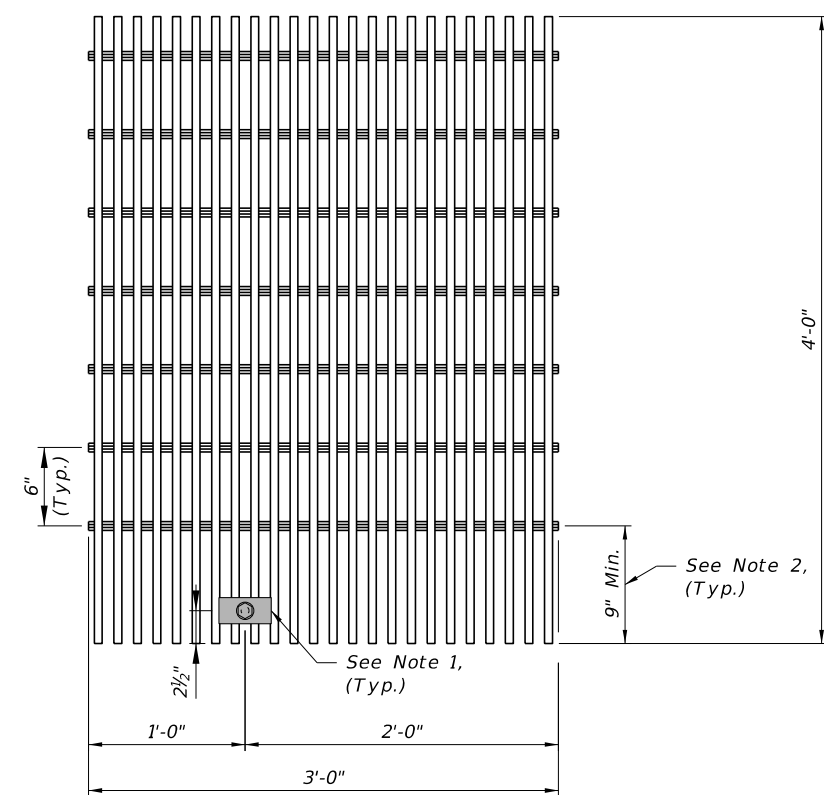
EXHIBIT 284-25
01/01/2027

UPPER GRATING DETAIL



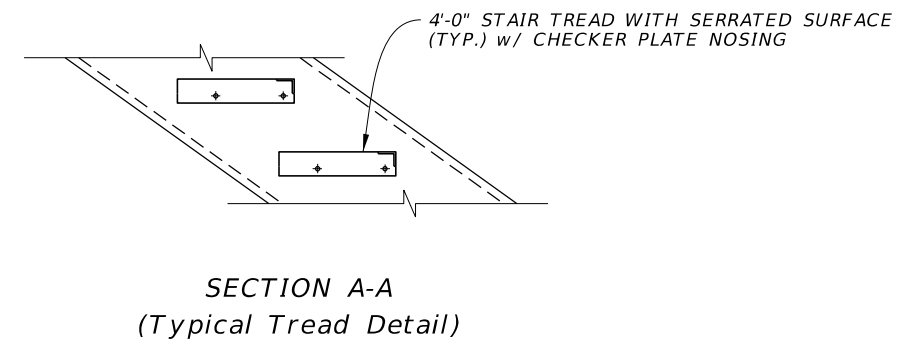
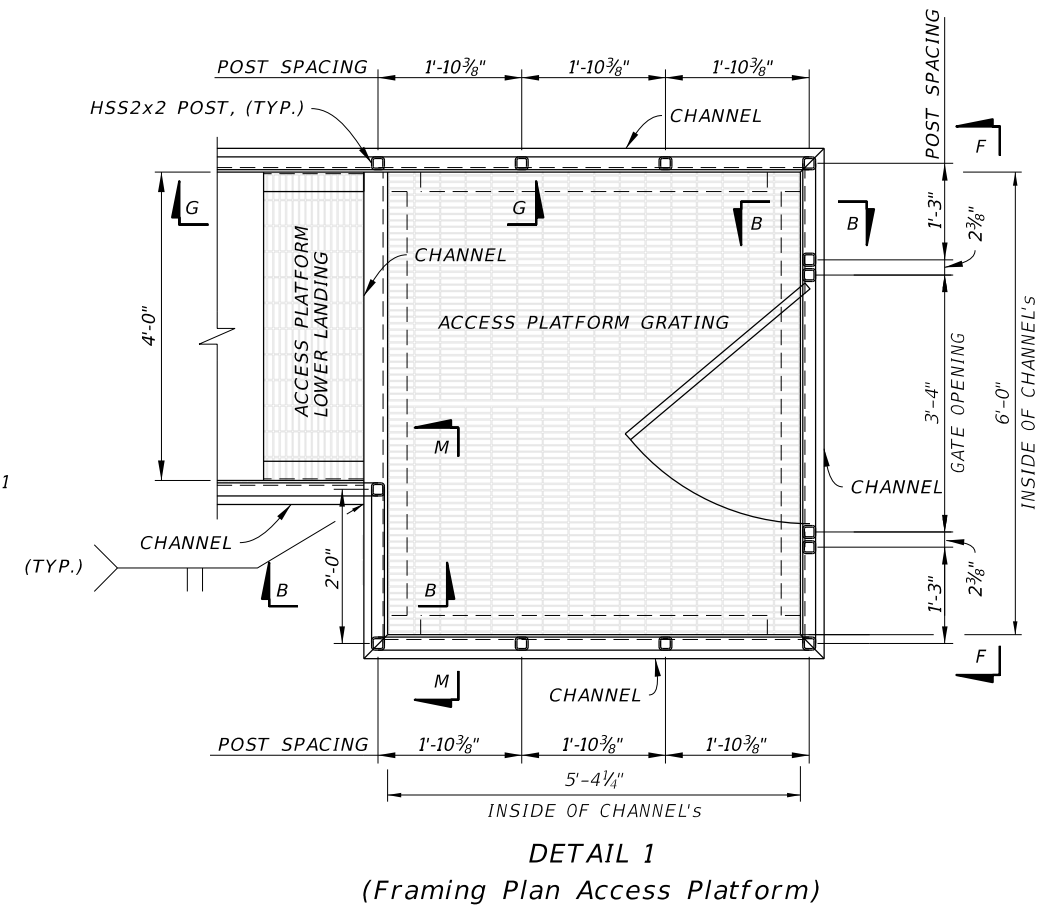
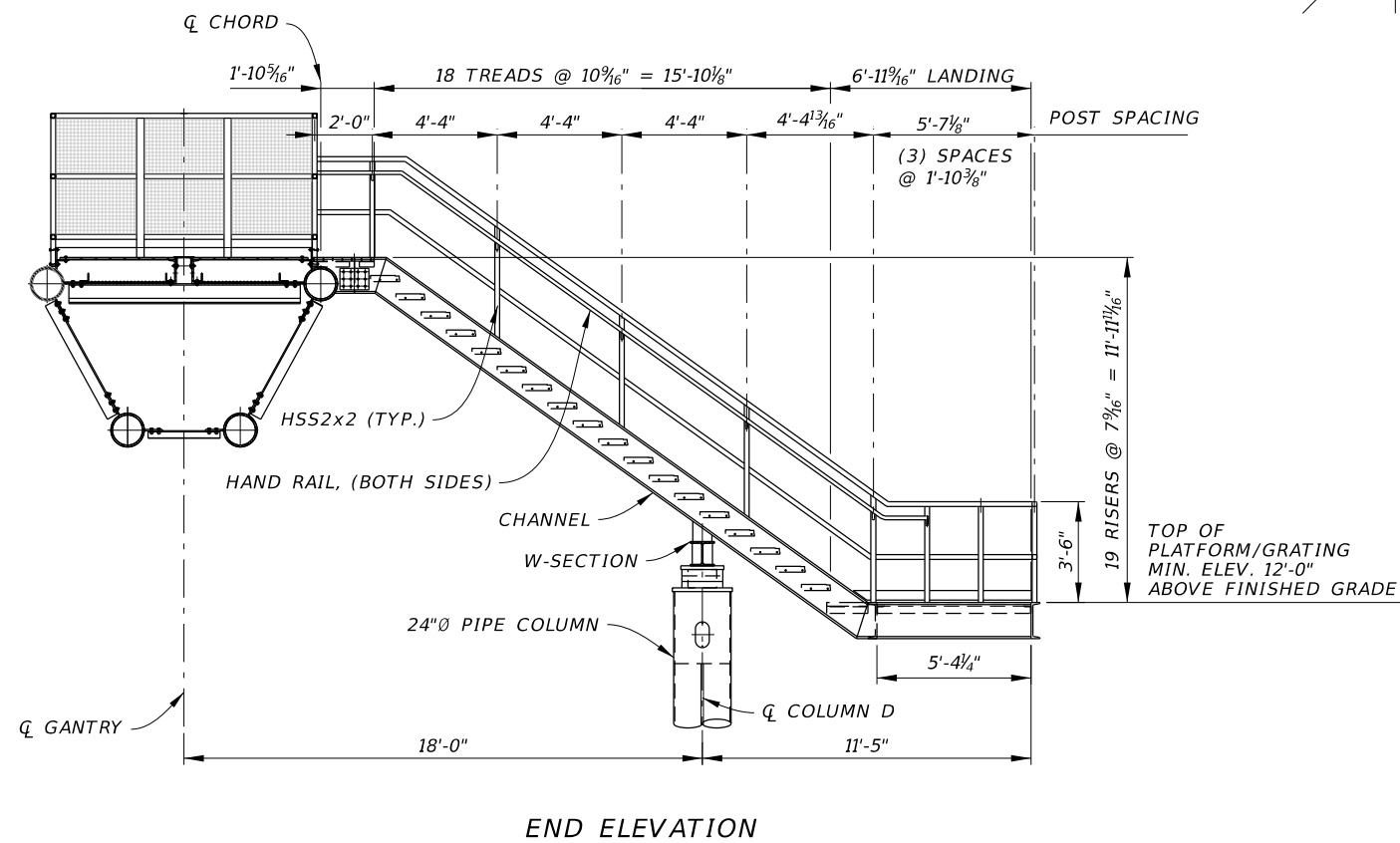
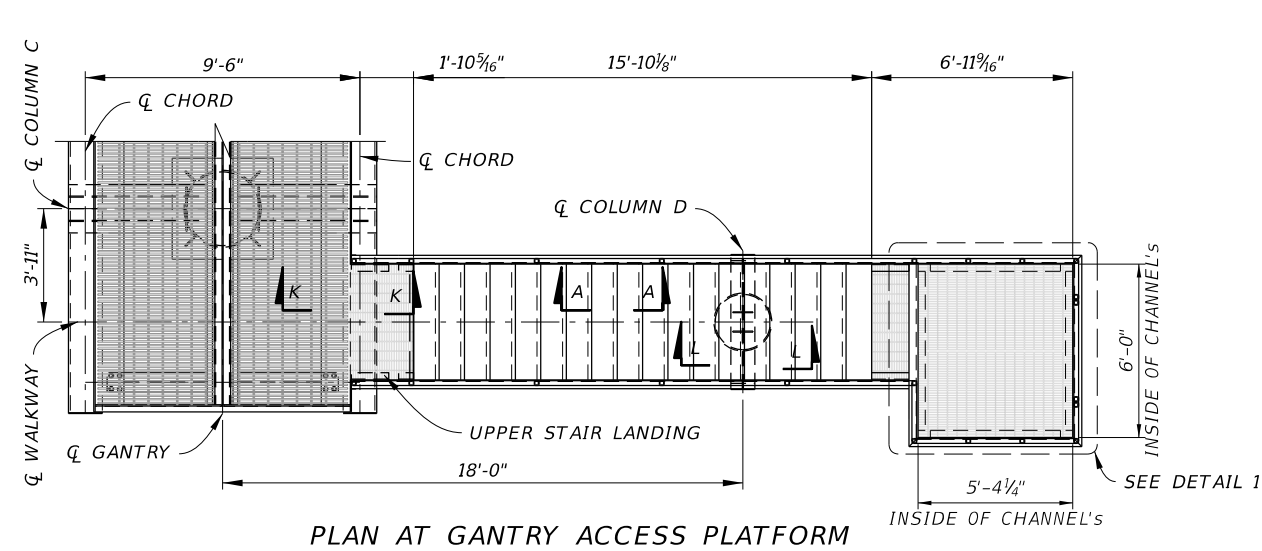
NOTES:

1. 2"x4" PLATE WITH BOLT WITH WASHERS AND NUT. PROVIDE HOLES IN L5x3 FOR UPPER GRATING. NUT MUST BE SHOP WELDED TO BOTTOM OF L5x3.
2. SHOP FABRICATE EACH GRATING PANEL SUCH THAT NO BARS OR PHYSICAL BARRIERS CONFLICT WITH ANY CABLE ROUTING BETWEEN THE CABLE TRAYS AND THE GANTRY MOUNTED EQUIPMENT. EACH GRATING PANEL MUST BE ABLE TO BE REMOVED WITHOUT DAMAGING OR DISCONNECTING ANY INSTALLED CABLES ON THE GANTRY.



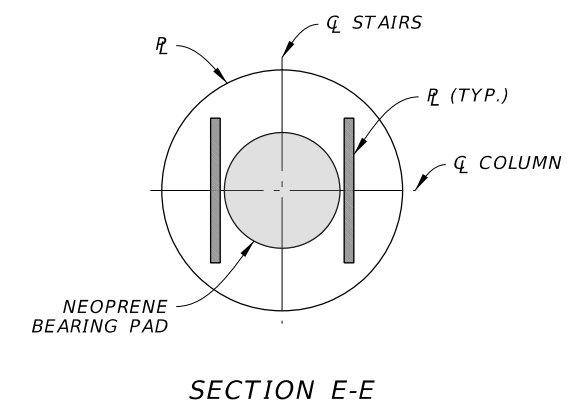
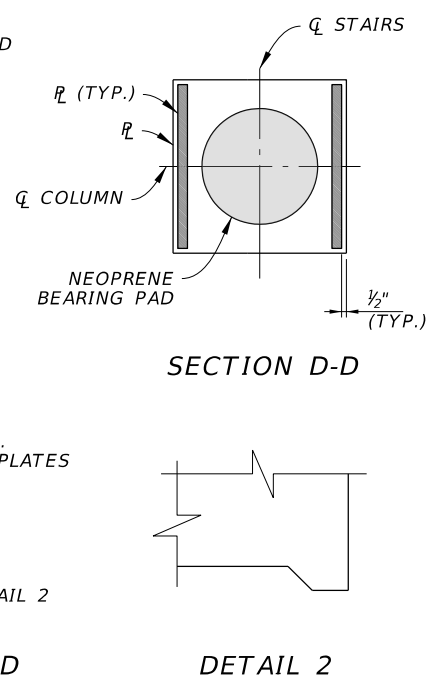
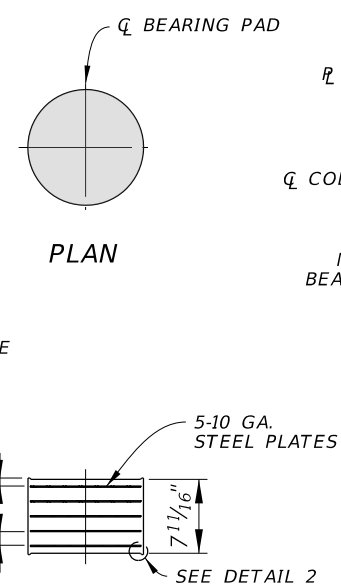
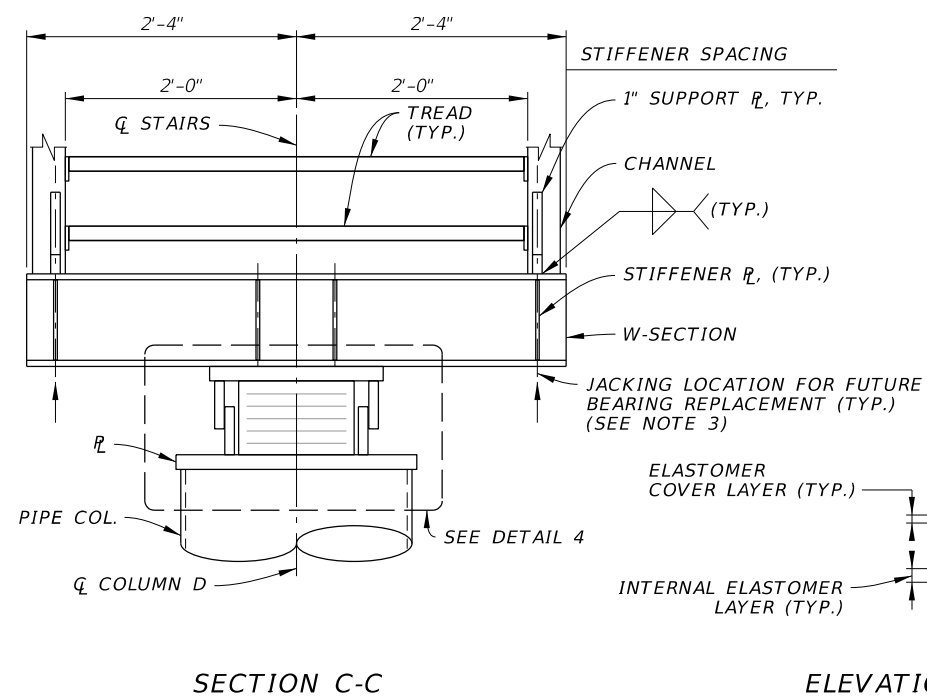
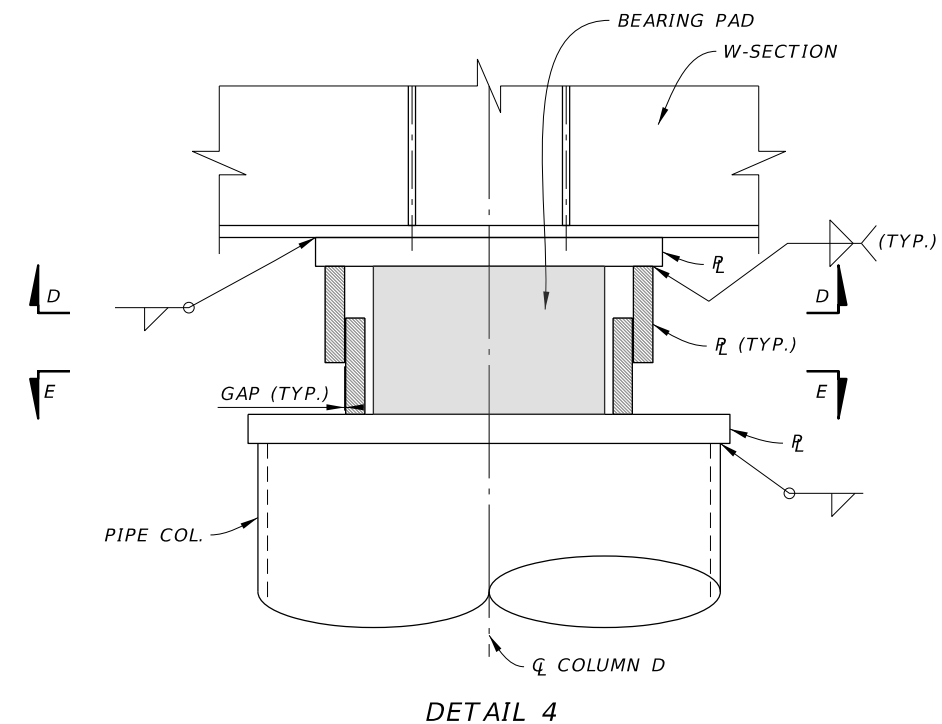
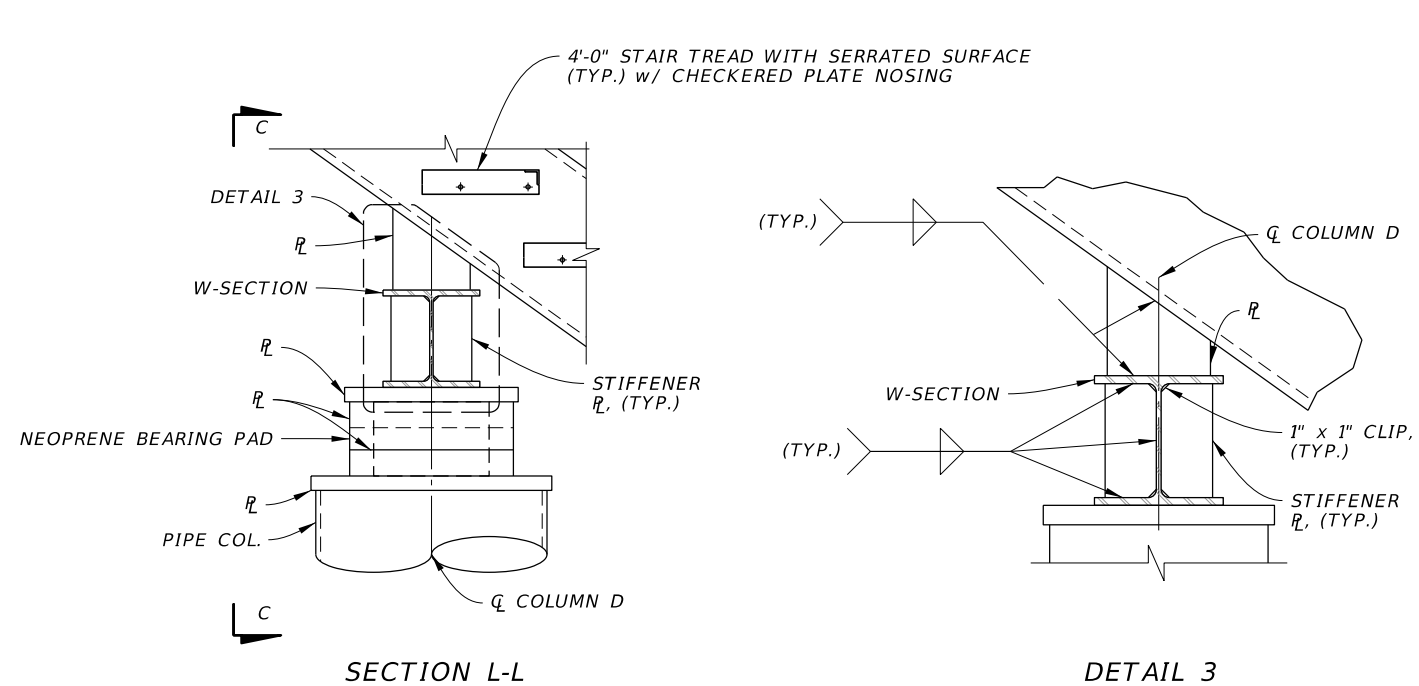
NOT TO SCALE

STAIR AND PLATFORMS



NOT TO SCALE

STAIR COLUMN DETAILS



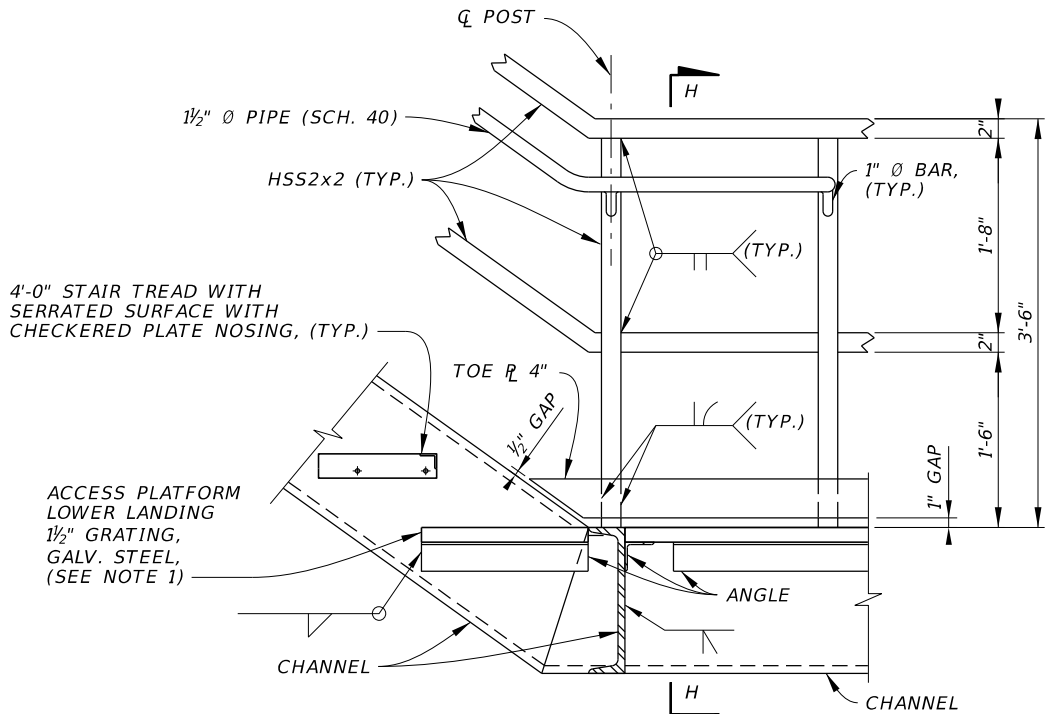
- NOTES:**
1. *NEOPRENE BEARING PAD MUST HAVE A SHEAR MODULUS (G) OF 110 PSI.*
 2. *STEEL PLATES IN BEARING PADS MUST CONFORM TO ASTM A1011 GRADE 36, TYPE 1.*
 3. *FOR FUTURE BEARING REPLACEMENT, PLACE JACKS AT LOCATIONS SHOWN. MINIMUM SERVICE JACKING LOADS ARE 1.2 KIP.*

NOT TO SCALE

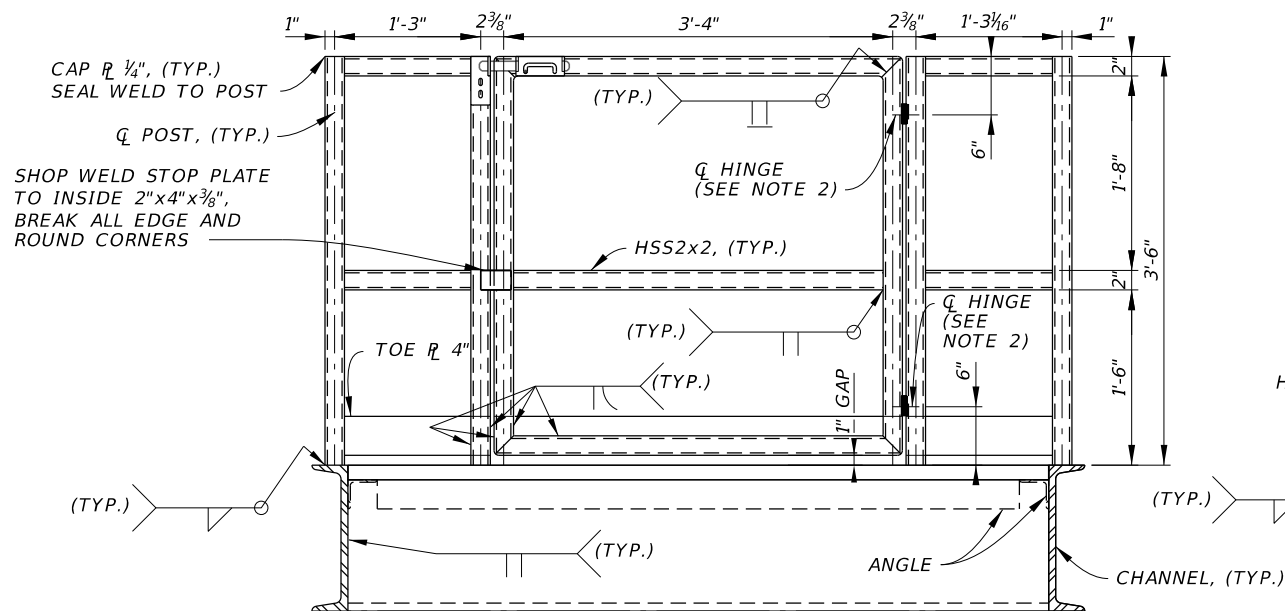
EXHIBIT 284-28

01/01/2027

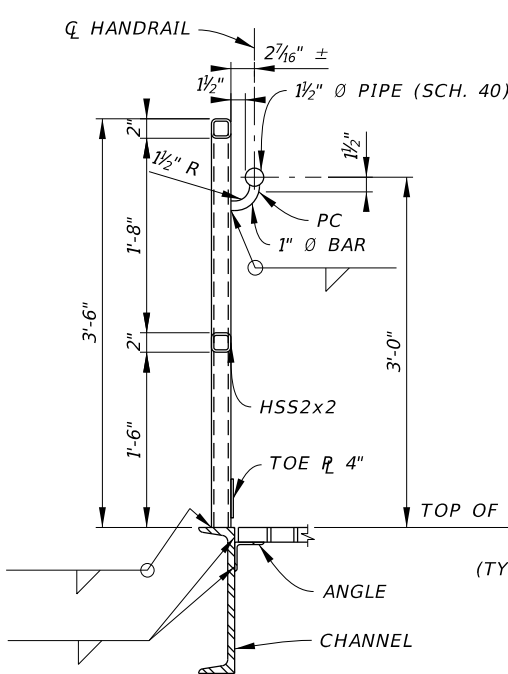
PLATFORM DETAILS



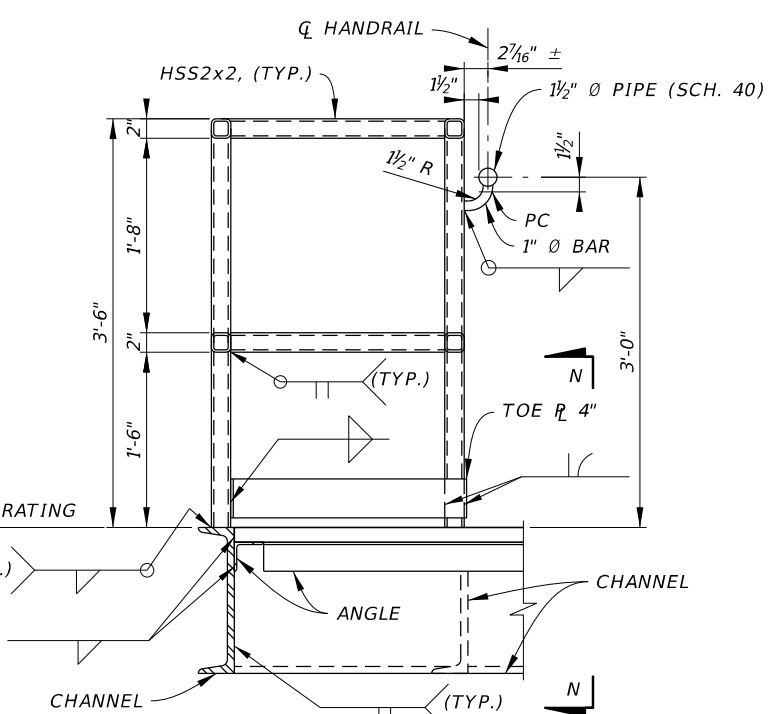
SECTION G-G



SECTION F-F

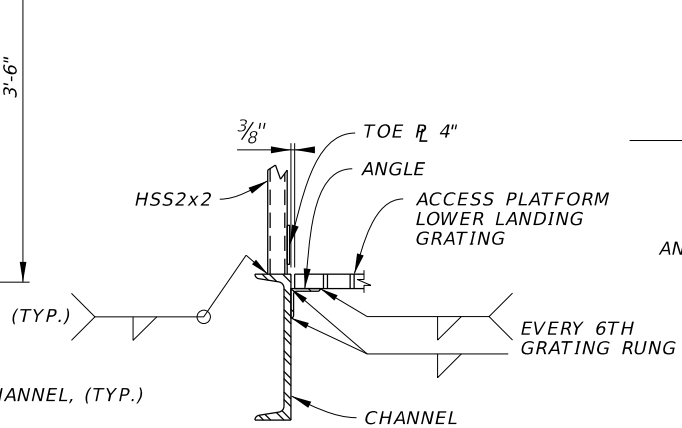


SECTION H-H

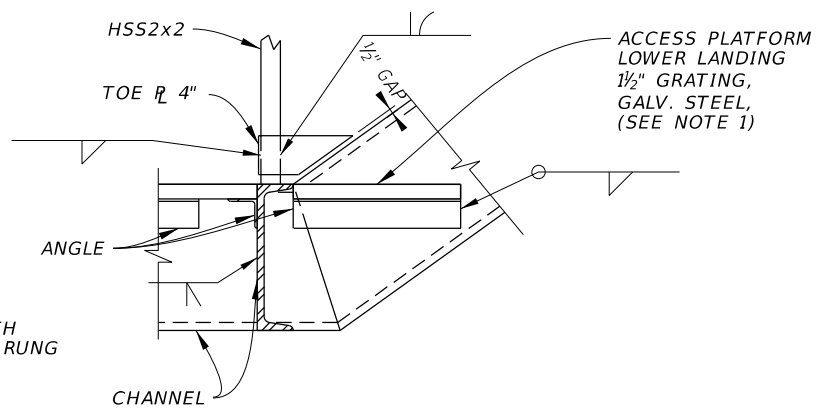


SECTION M-M

- NOTES:
1. WELD GRATING RUNGS TO ANGLE AT A MINIMUM OF THREE LOCATIONS ON EACH SIDE.
 2. HINGE MUST BE SELF-CLOSING STAINLESS STEEL HINGE, FASTEN WITH STAINLESS STEEL SCREWS, PROVIDE NEOPRENE PAD BETWEEN HINGE AND BOTH HSS2x2 ALONG HEIGHT OF HINGE.



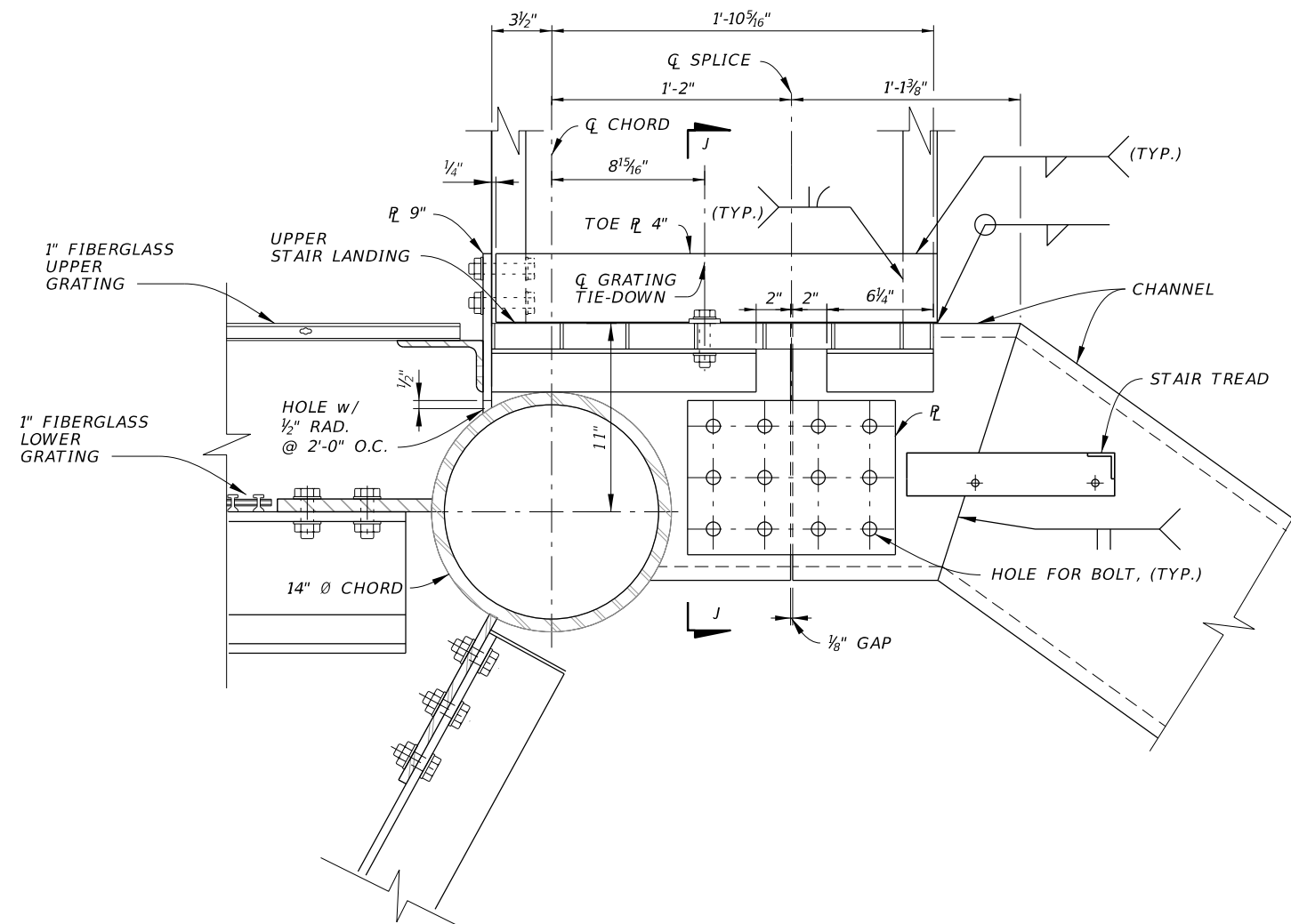
SECTION B-B



SECTION N-N

NOT TO SCALE

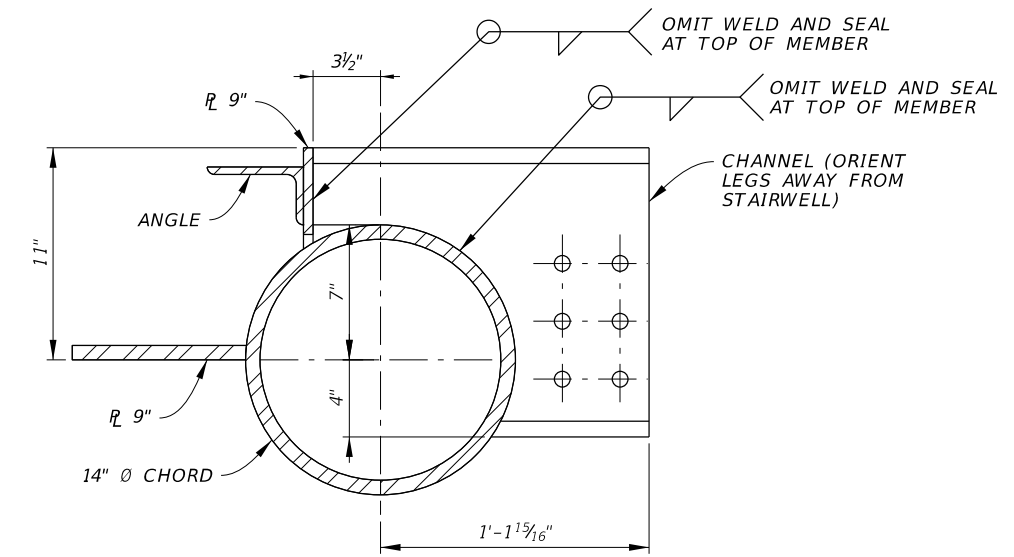
UPPER STAIR LANDING DETAIL



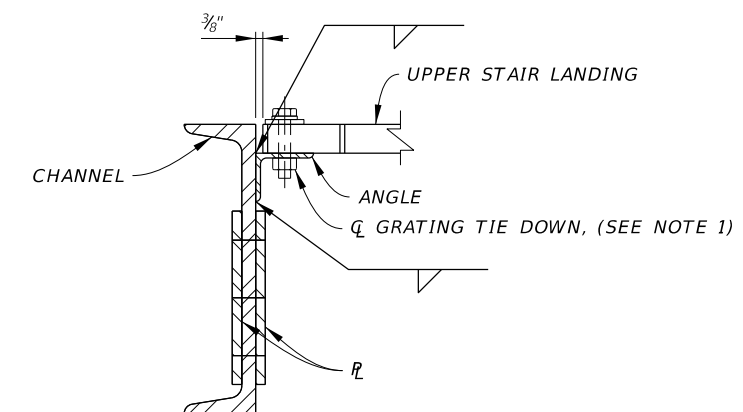
SECTION K-K
(Stairway Support/Connection)

NOTE:

1. 2"x4" PLATE WITH BOLT WITH WASHER AND NUT. PROVIDE HOLES IN ANGLE FOR GRATING. NUT MUST BE SHOP WELDED TO BOTTOM OF ANGLE.



14" Ø CHORD TO CHANNEL CONNECTION DETAIL



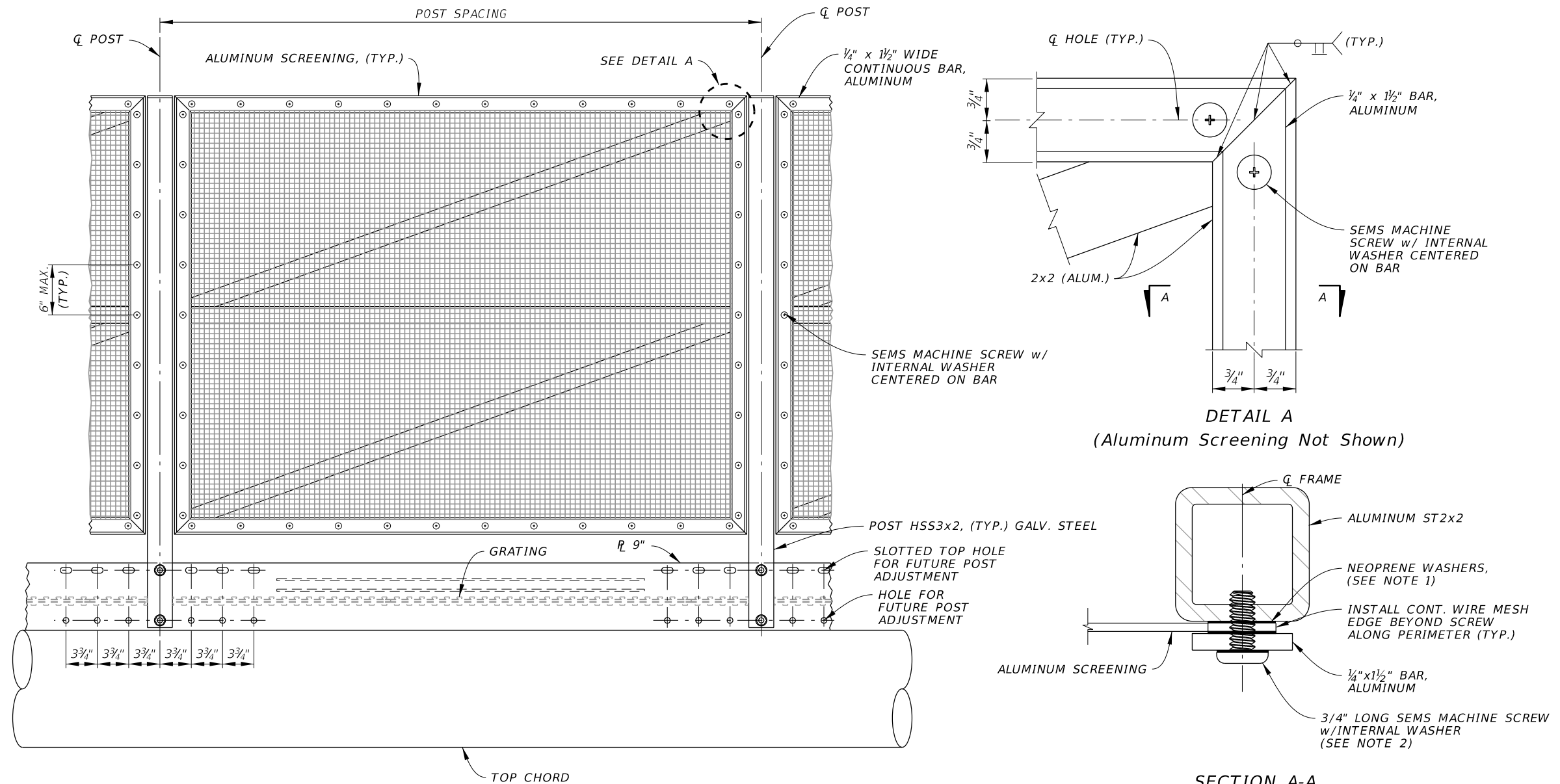
SECTION J-J

NOT TO SCALE

EXHIBIT 284-30

01/01/2027

SWING GATE (1 OF 2)



NOTES:

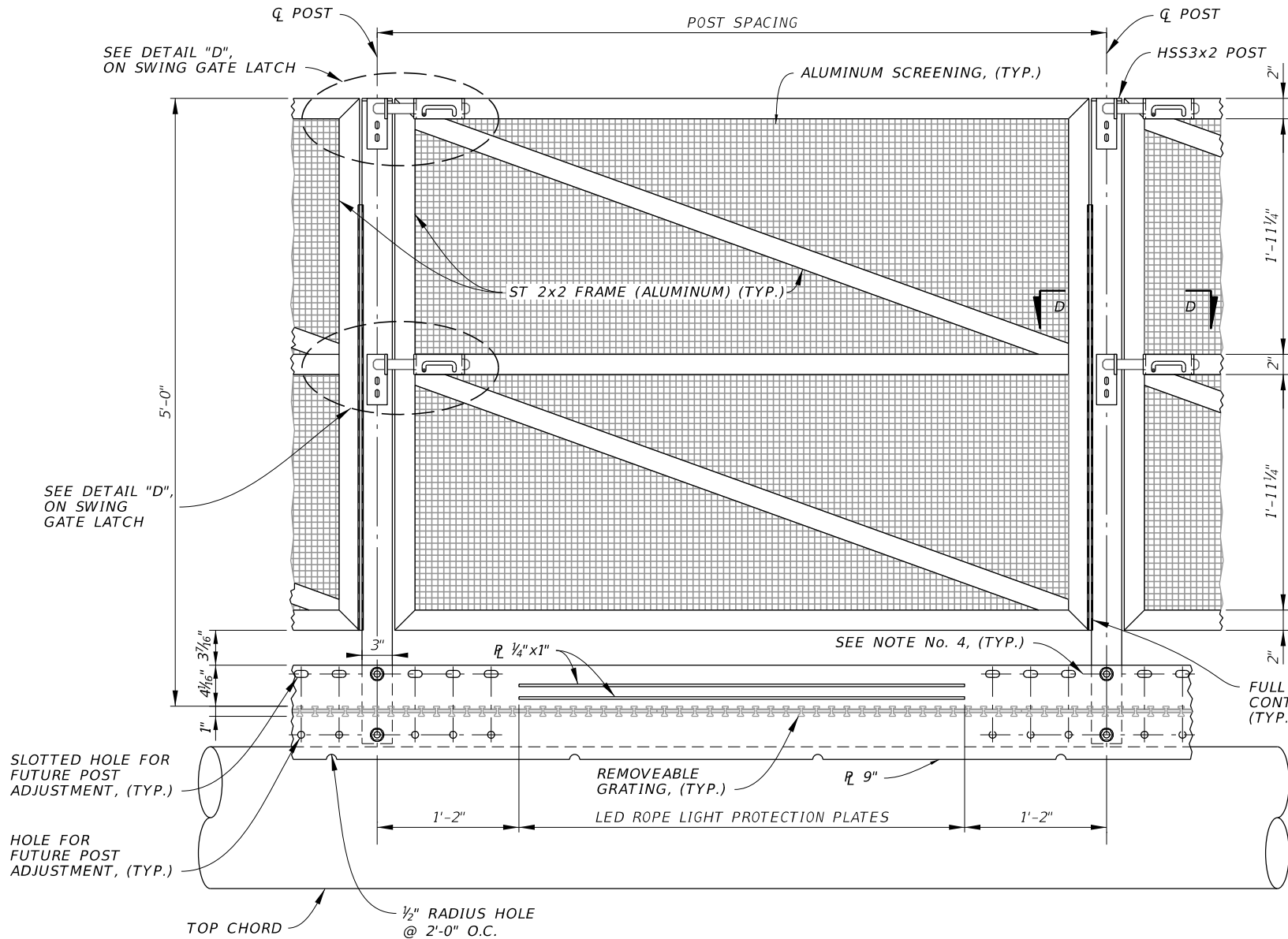
1. PROVIDE 1/32" x 3/4" Ø NEOPRENE WASHER BETWEEN BOTH FACES OF THE ALUMINUM SCREENING AT EACH FASTENER LOCATION.
2. PROVIDE ANTI-SEIZE LUBRICANTS FOR ALL FASTENERS REQUIRED FOR SCREEN PANEL ASSEMBLY.

NOT TO SCALE

EXHIBIT 284-31

01/01/2027

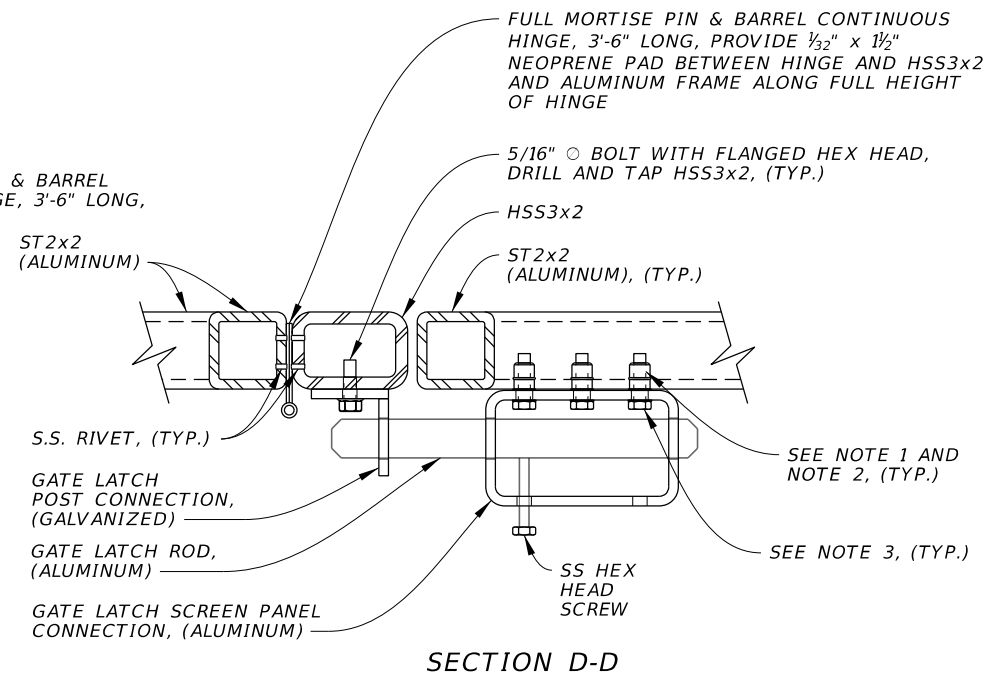
SWING GATE (2 OF 2)



TYPICAL ELEVATION - INSIDE OF GANTRY

- NOTES:

1. PROVIDE ANTI-SEIZE LUBRICANTS FOR ALL FASTENERS REQUIRED FOR SCREEN PANEL LATCH ASSEMBLY.
2. PROVIDE ALUMINUM RIVET NUT 3/8" - 16 OF SUFFICIENT LENGTH TO FASTEN THE LATCH ASSEMBLY TO THE ST2X2, (TYP. OF 3).
3. PROVIDE 1" L X 3/8" - 16 STAINLESS STEEL HEX HEAD SCREW, (TYP. OF 3).
4. USE THE SLOTTED HOLES TO ADJUST THE SWING GATE LATCH POST CONNECTIONS AS NEEDED TO ACCOUNT FOR FINAL GANTRY CAMBER ONCE THE GANTRY IS SELF-SUPPORTING THE FULL WEIGHT OF THE STRUCTURE.

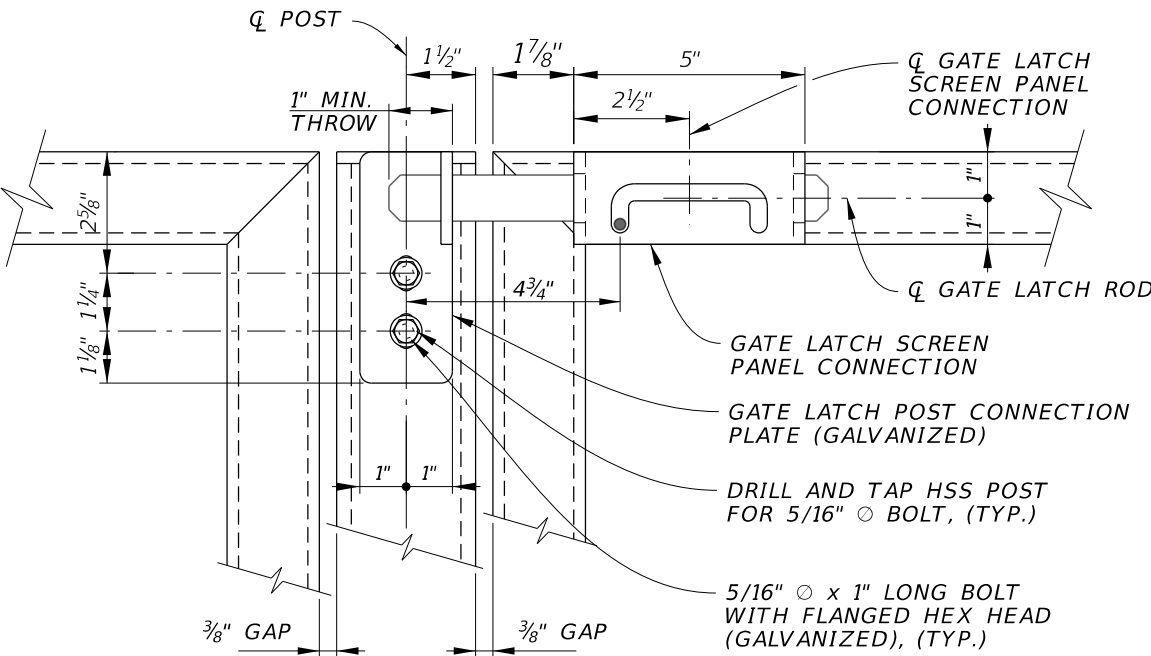


NOT TO SCALE

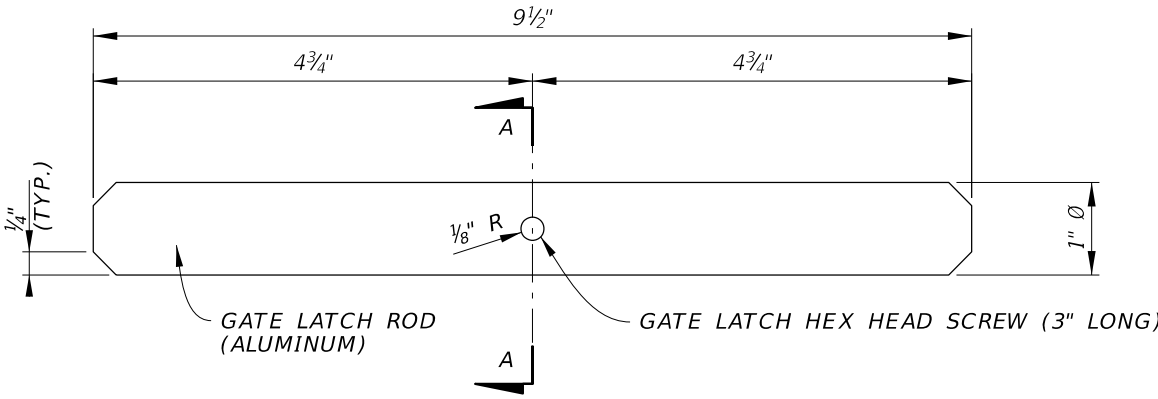
EXHIBIT 284-32

01/01/2027

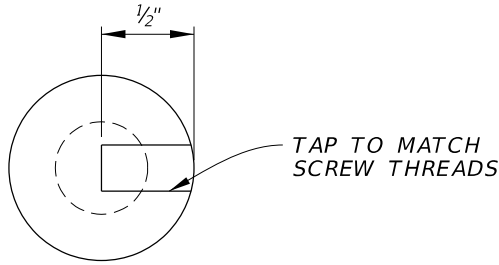
SWING GATE LATCH (1 OF 2)



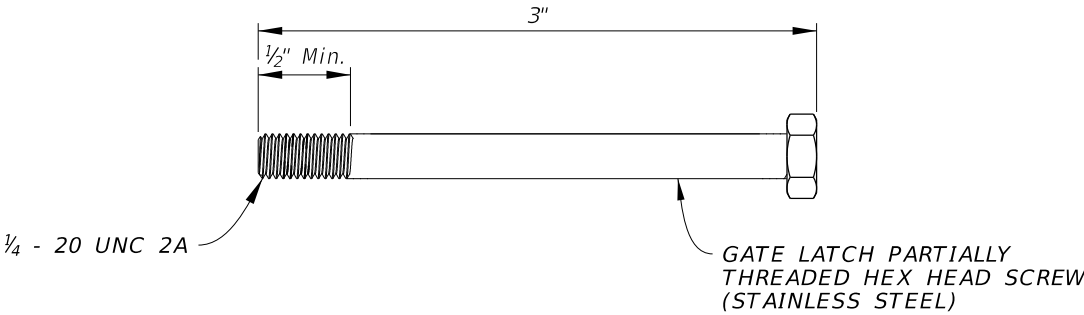
DETAIL D



GATE LATCH ROD DETAIL



SECTION A-A

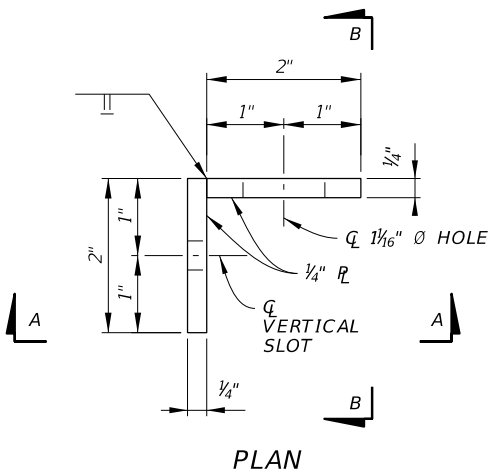


GATE LATCH HEX HEAD SCREW DETAIL

- NOTE:
1. USE THE SLOTTED HOLES TO ADJUST THE SWING GATE LATCH POST CONNECTIONS AS NEEDED TO ACCOUNT FOR FINAL GANTRY CAMBER ONCE THE GANTRY IS SELF-SUPPORTING THE FULL WEIGHT OF THE STRUCTURE.

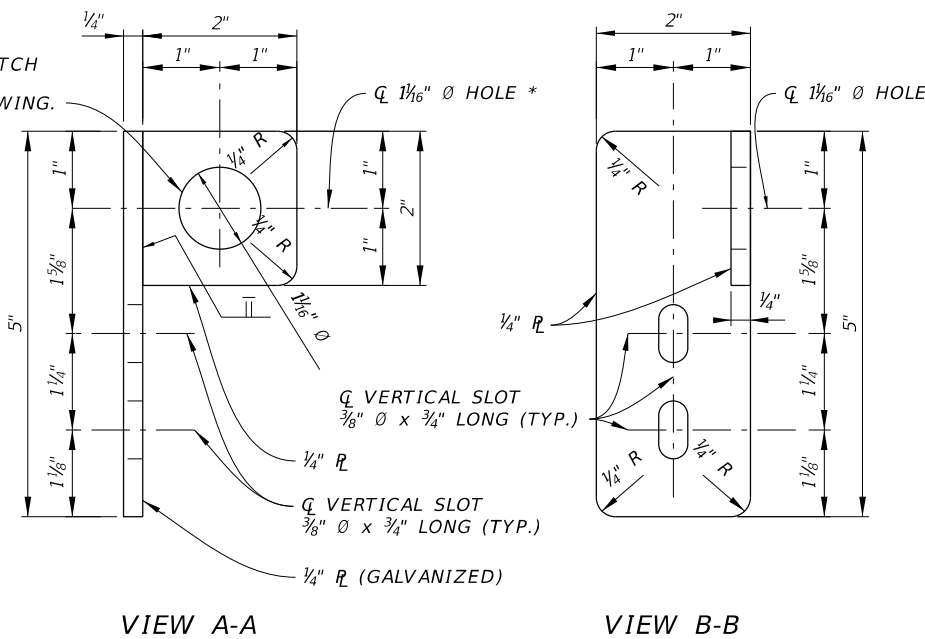
NOT TO SCALE

SWING GATE LATCH (2 OF 2)



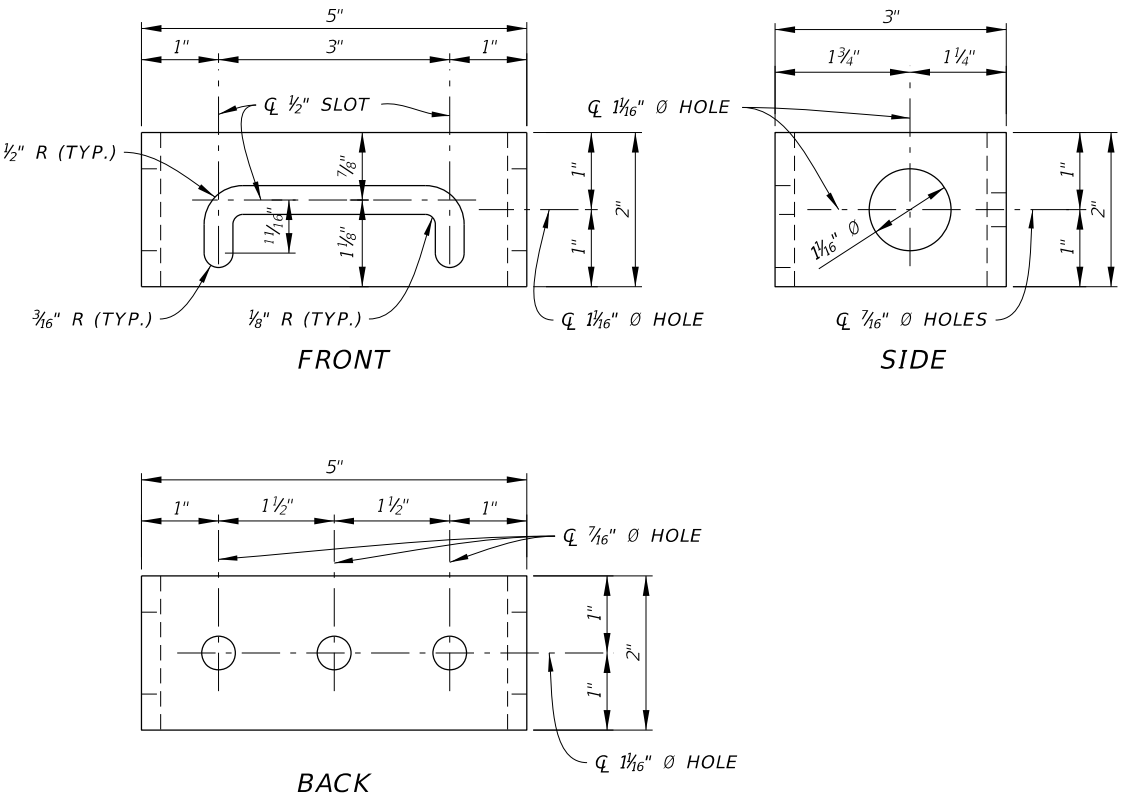
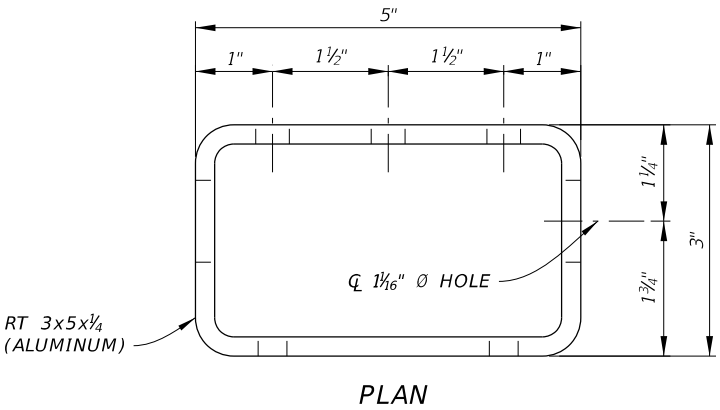
- NOTES:
1. BREAK ALL EDGES.
 2. GATE LATCH POST CONNECTION PLATES TO BE GALVANIZED.

PROVIDE A PLASTIC TORSION BUSHING FOR A 1" BAR. TRIM DEPTH AS NECESSARY SUCH THAT BUSHING DOES NOT EXCEED LATCH ROD THROW. INCLUDE DETAILS IN SHOP DRAWING.



GATE LATCH DETAILS - POST CONNECTION

* Adjust Diameter Of Hole To Fit Rod With A Snug Fit

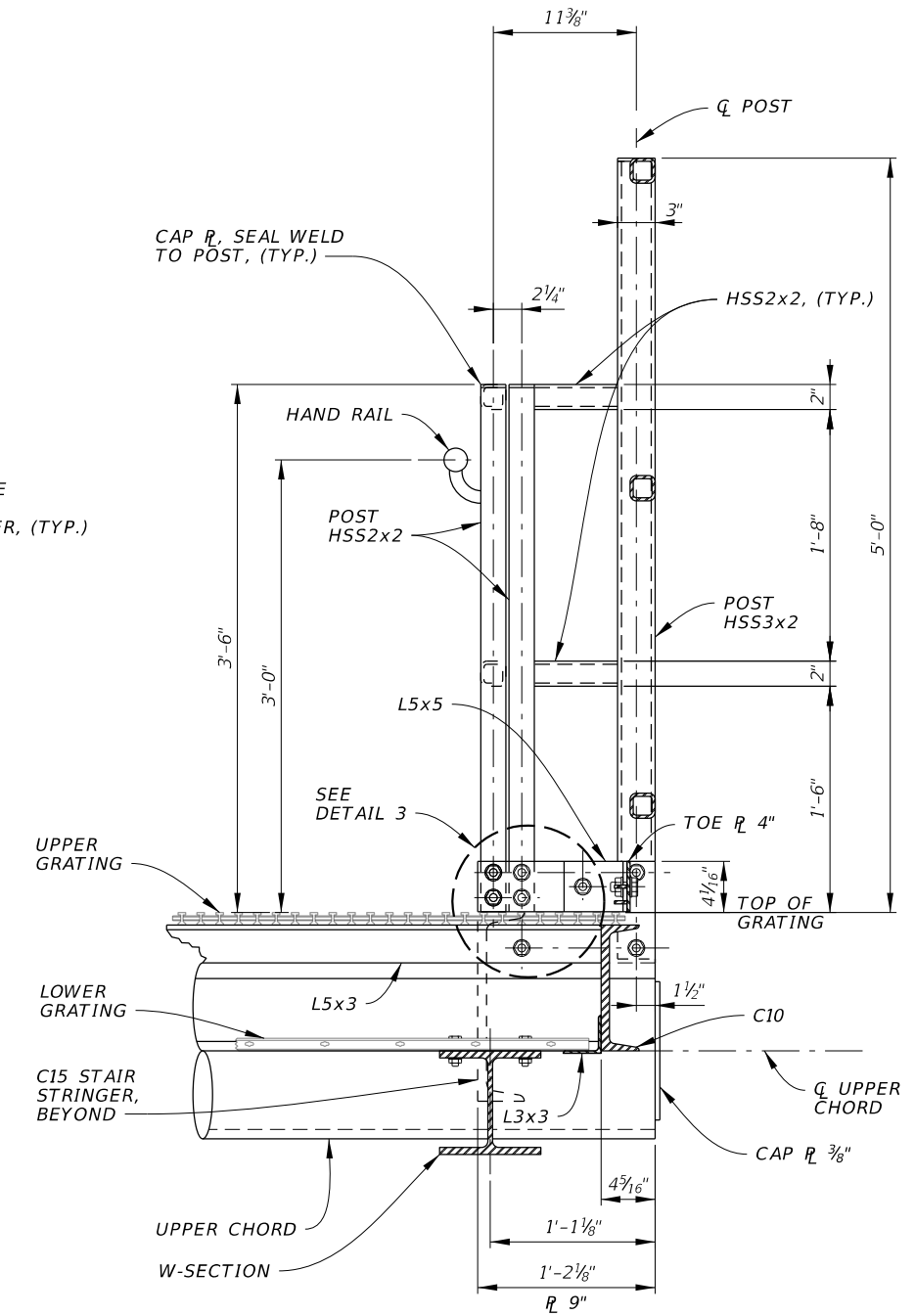
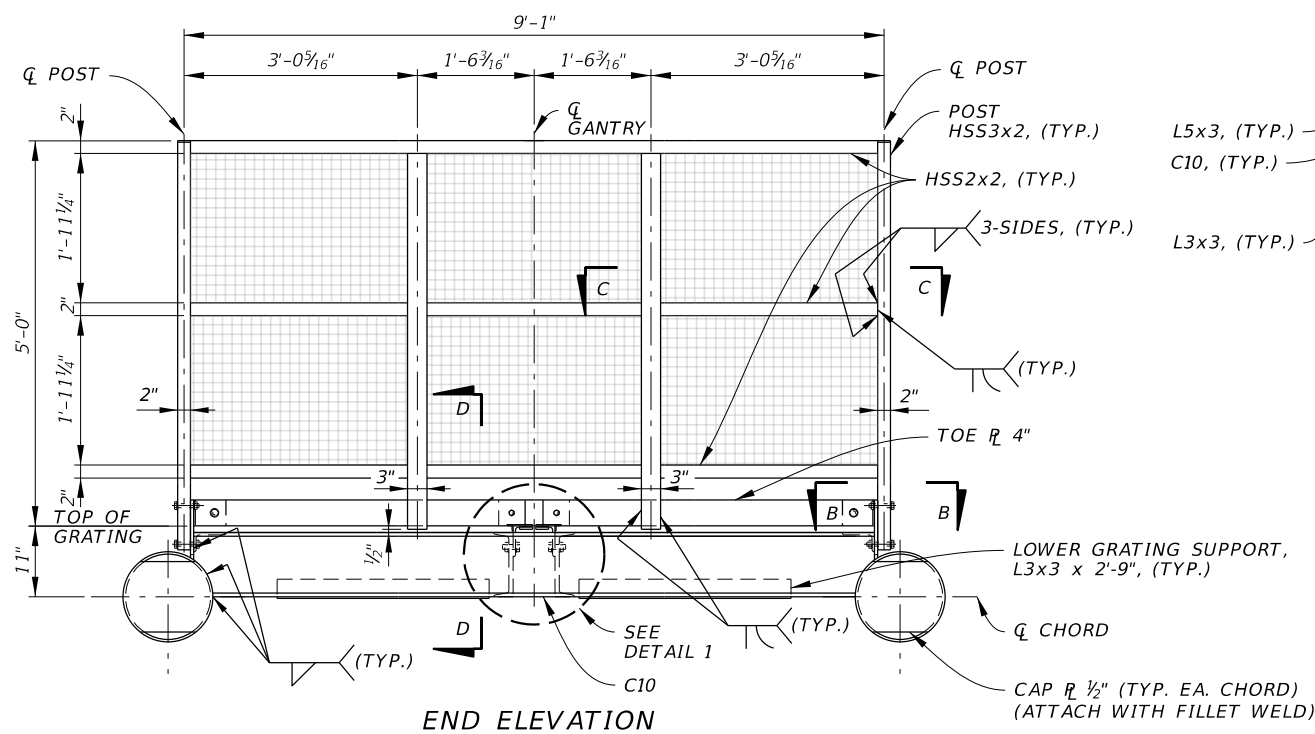
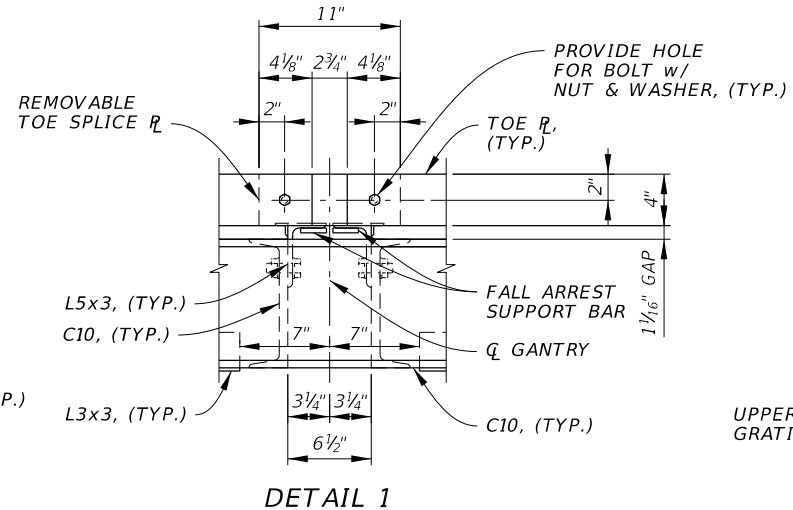
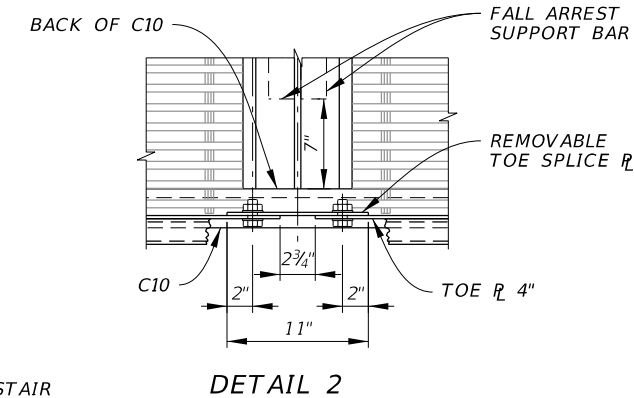
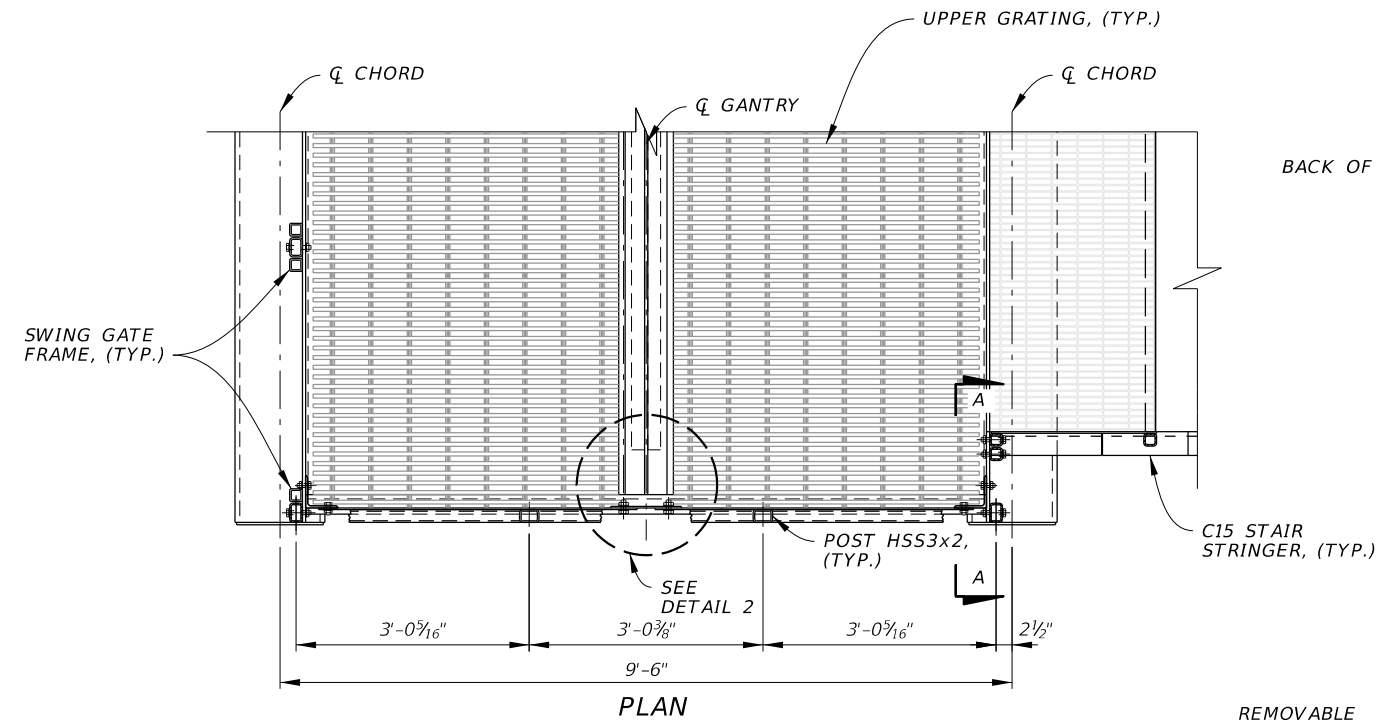


GATE LATCH DETAILS - SCREEN PANEL CONNECTION

(Screen Panel Beyond Not Shown For Clarity)

NOT TO SCALE

UPPER PLATFORM END PANELS

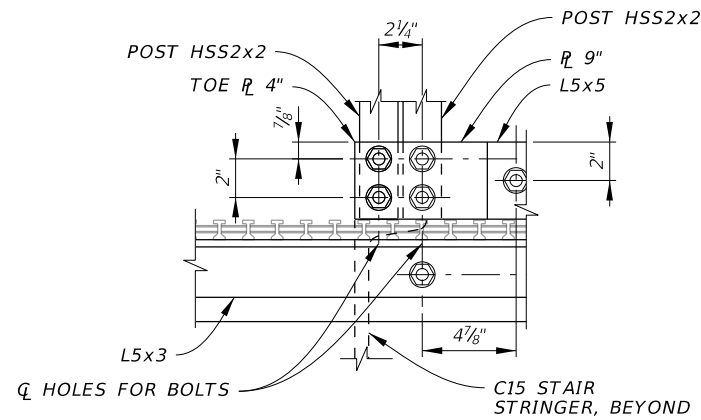


(Typical Both Ends Of Gantry)
(Grating And Grating Connection Not Showing For Clarity)
(For Sections B-B, C-C, And D-D, See Upper Platforms Panels)

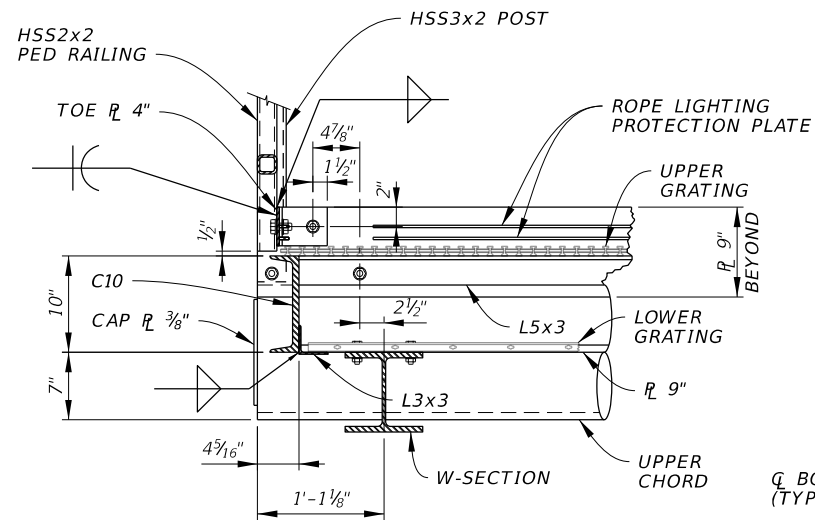
SECTION A-A

NOT TO SCALE

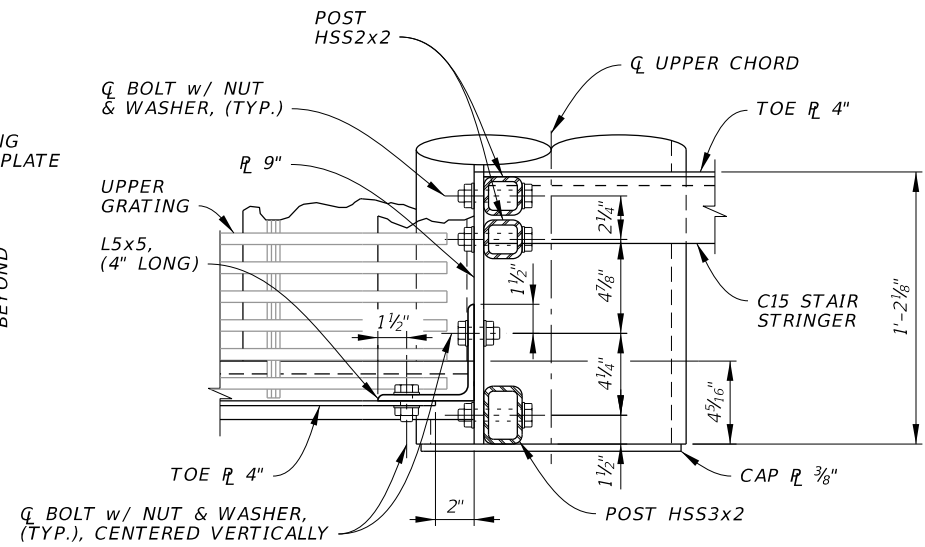
UPPER PLATFORM PANELS



DETAIL 3



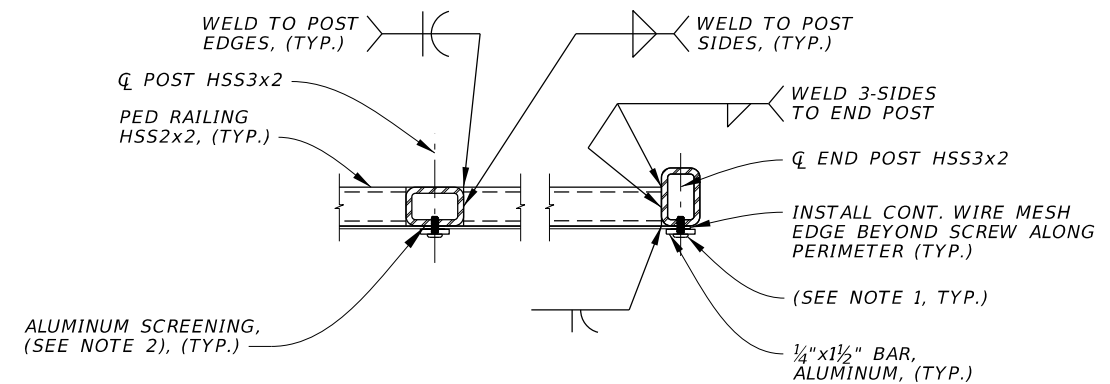
SECTION D-D



SECTION B-B

NOTES:

1. SEMS SCREW w/ INTERNAL WASHER, $\frac{3}{4}$ " LONG, AT 6" MAX. SPACING.
2. PROVIDE $\frac{1}{32}$ " x $\frac{3}{4}$ " $\emptyset$ NEOPRENE WASHER BETWEEN ALUMINUM SCREENING AND STAINLESS STEEL BAR, AND $\frac{1}{2}$ " x $\frac{3}{4}$ " $\emptyset$ NEOPRENE WASHER BETWEEN ALUMINUM SCREENING AND HSS POST.



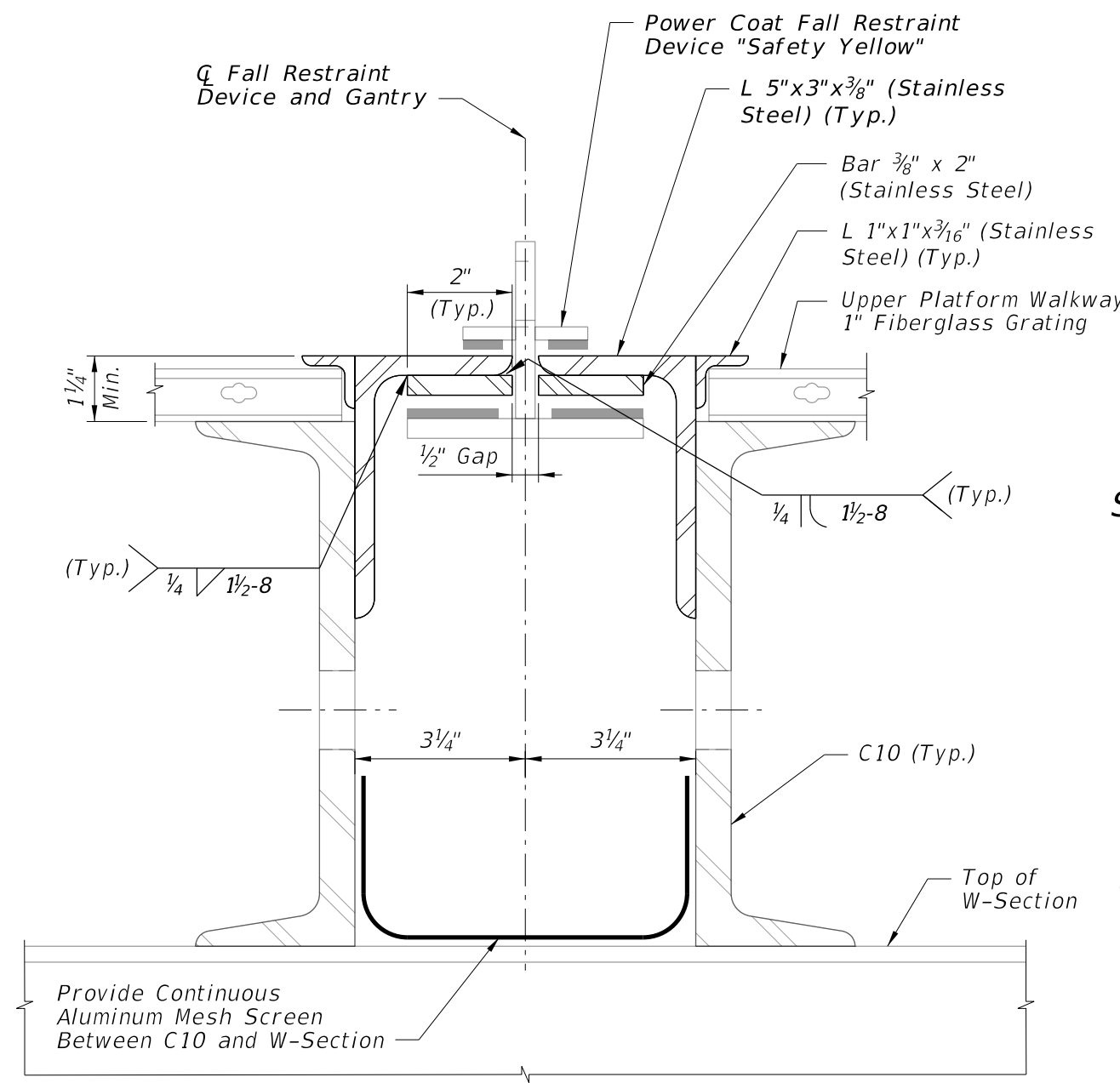
SECTION C-C

NOT TO SCALE

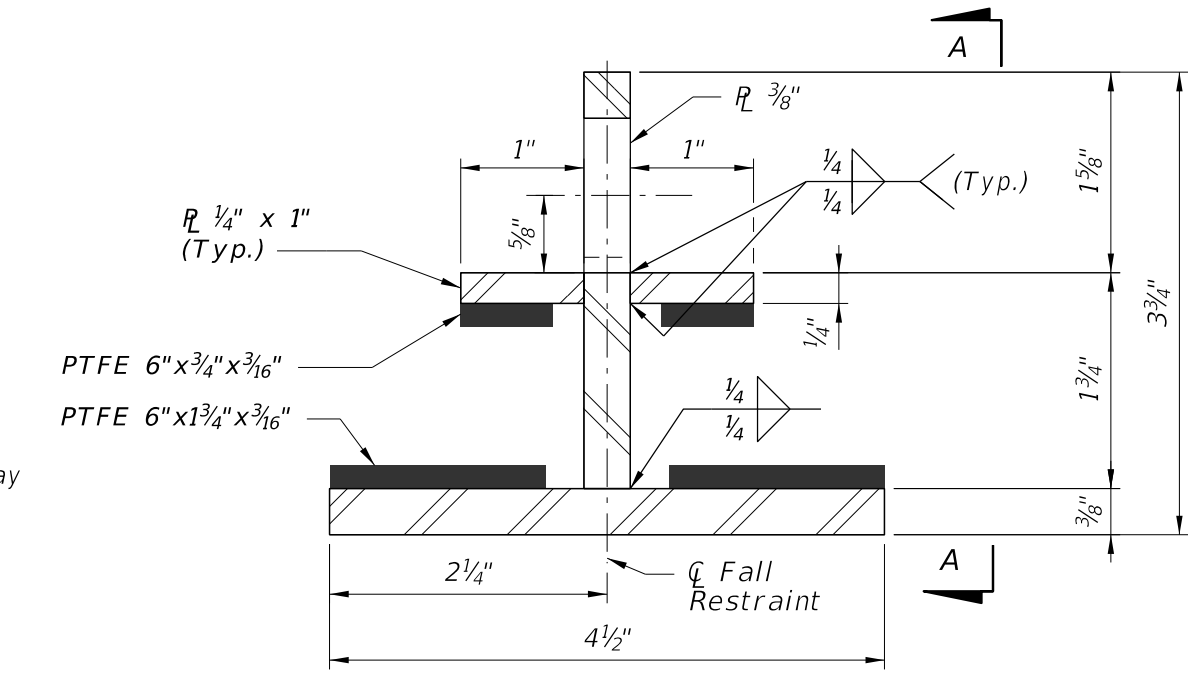
EXHIBIT 284-36

01/01/2027

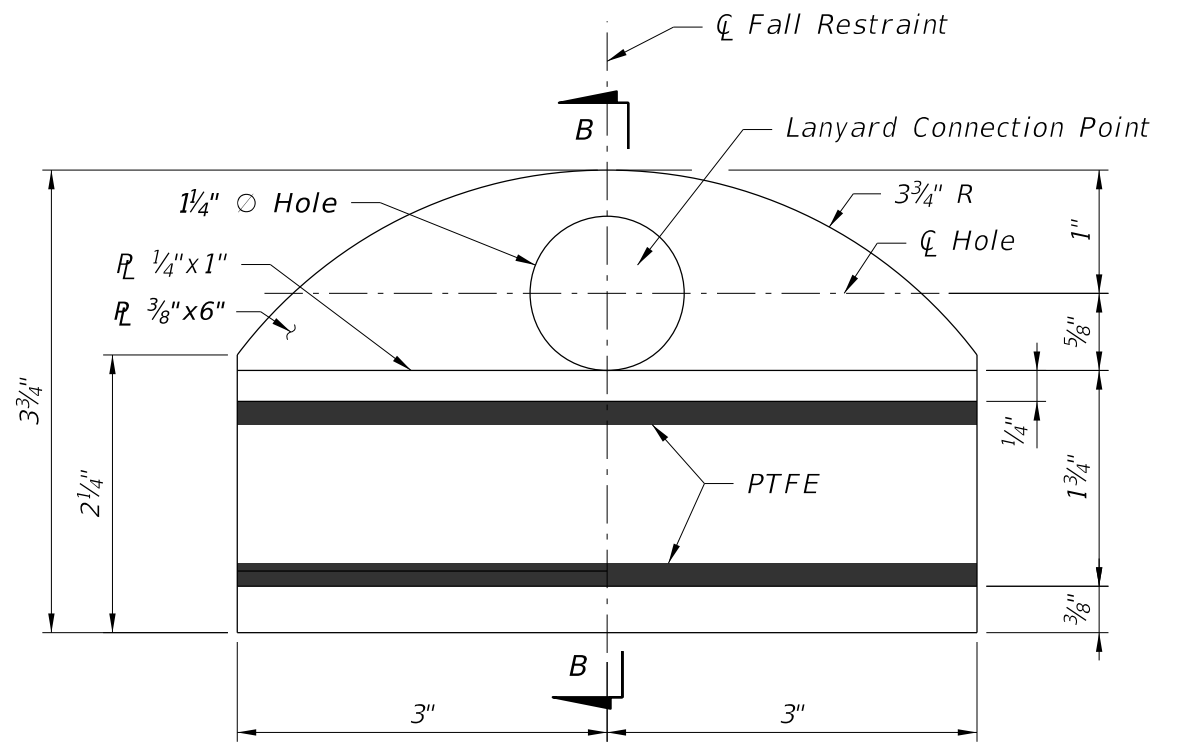
FALL RESTRAINT SYSTEM DETAILS



SECTION THROUGH FALL RESTRAINT ASSEMBLY ON GANTRY



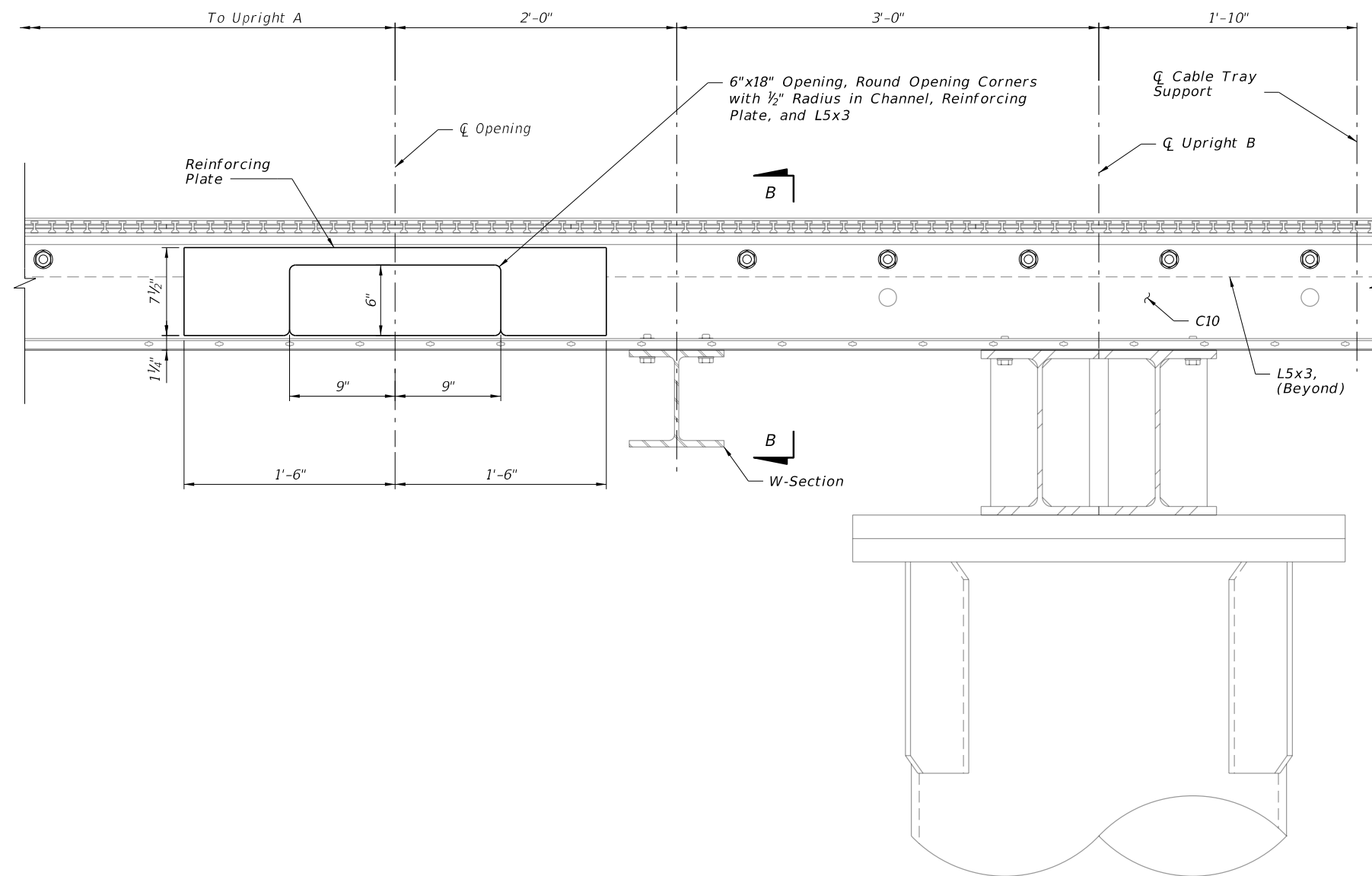
SECTION B-B - THROUGH FALL RESTRAINT DEVICE



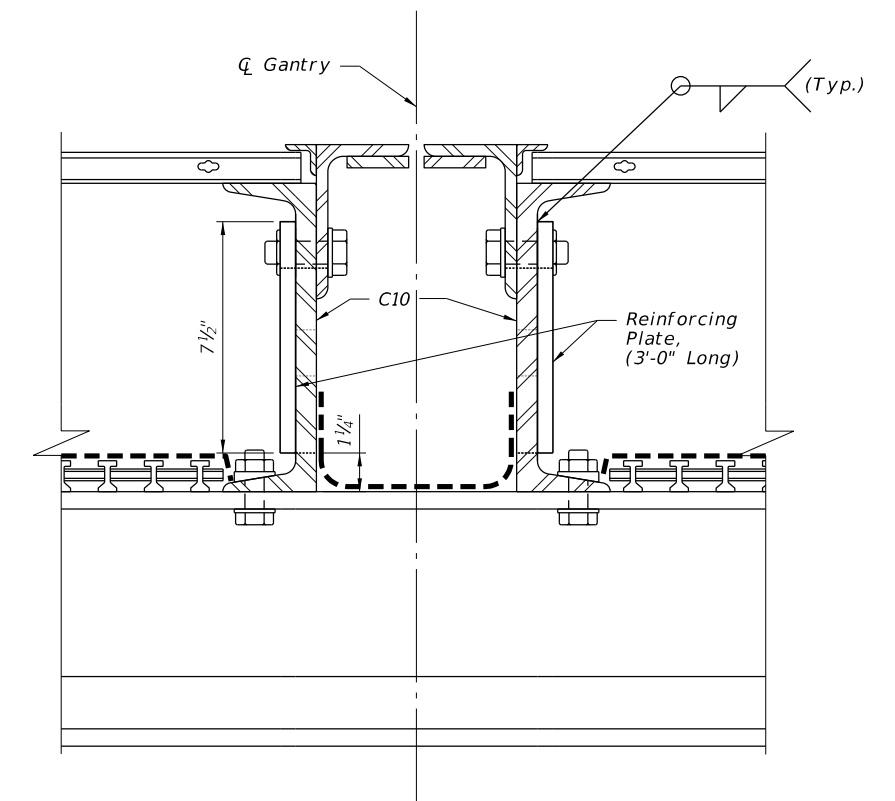
VIEW A-A

NOT TO SCALE

REINFORCED OPENING IN CHANNELS FOR CABLE TRAY PASS THRU



SECTION A-A



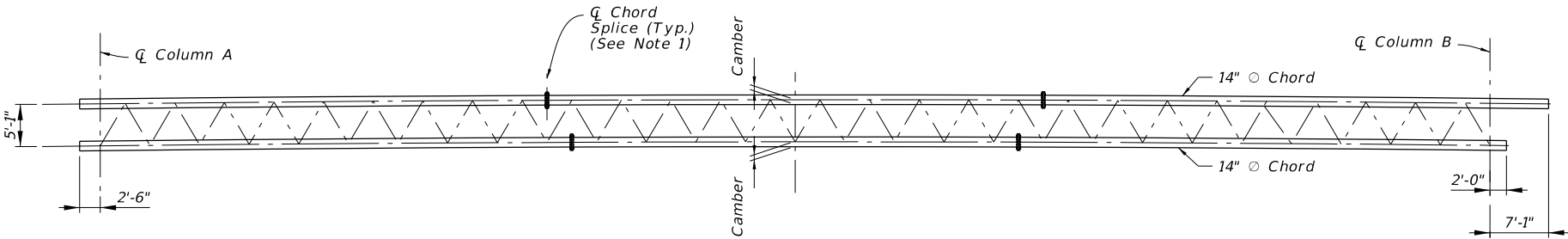
SECTION B-B

NOT TO SCALE

EXHIBIT 284-38

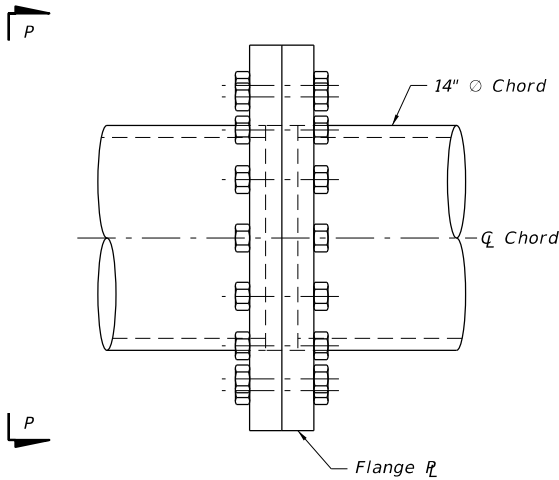
01/01/2027

CAMBER AND SPLICE DETAILS

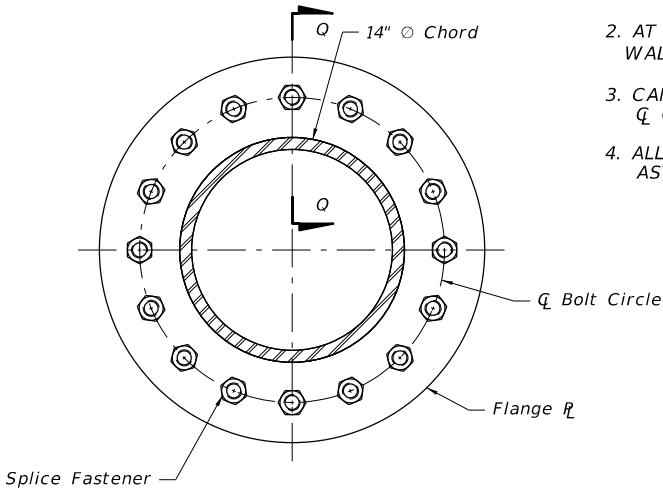


CAMBER DIAGRAM
(See Camber Dimension Detail)

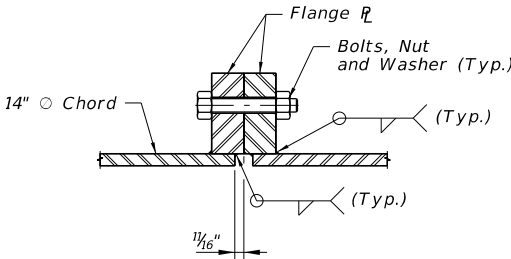
- NOTES:
1. A MINIMUM OF TWO CHORD SPLICES IS REQUIRED. LOCATE SPLICES A MINIMUM OF 6 TRUSS PANEL LENGTHS APART. NO WELDED SHOP SPLICES ARE PERMITTED. CHORD SPLICE LOCATIONS MUST BE SHOWN IN THE SHOP DRAWINGS.
 2. AT LOCATION OF SPLICE, DISCONTINUE CHANNELS AND WALKWAY SUPPORT MEMBERS BY LEAVING A GAP OF $\frac{1}{2}$ ".
 3. CAMBER DIMENSION IS MEASURED TO THE HORIZONTAL $\bar{C}$ OF THE CHORDS.
 4. ALL STEEL PLATES MUST BE IN ACCORDANCE WITH ASTM A709, GRADE 50.



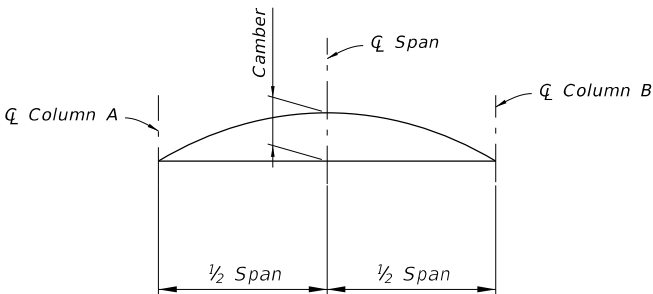
**ELEVATION
SPLICE CONNECTION**



VIEW P-P



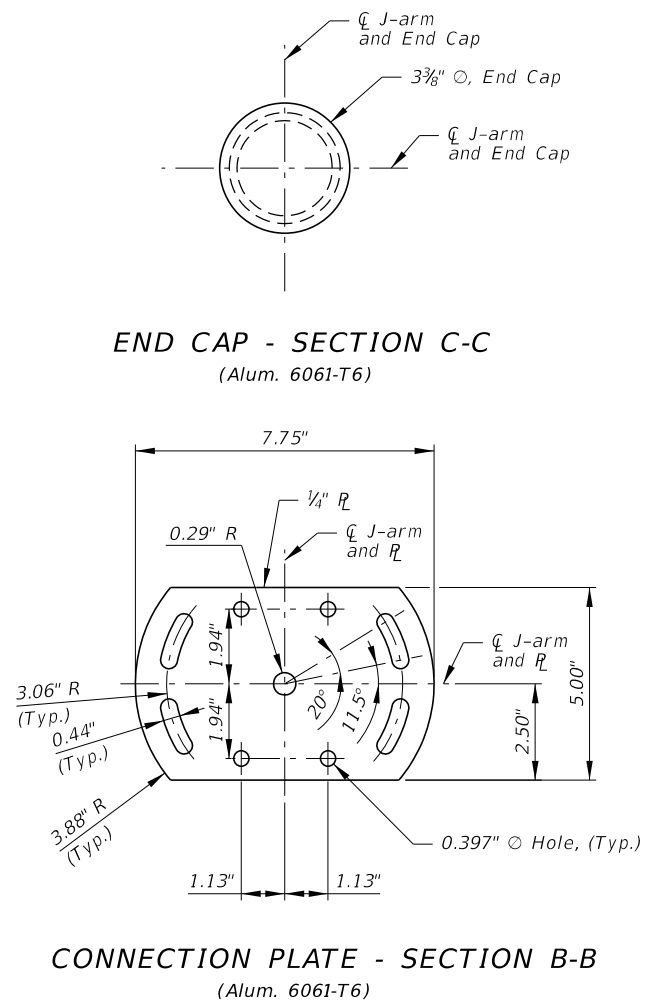
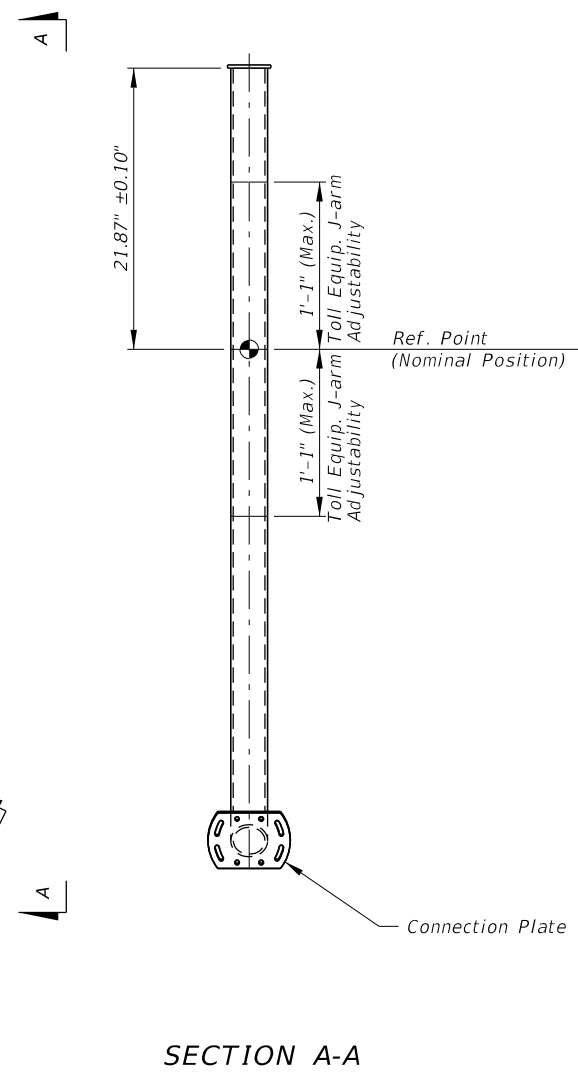
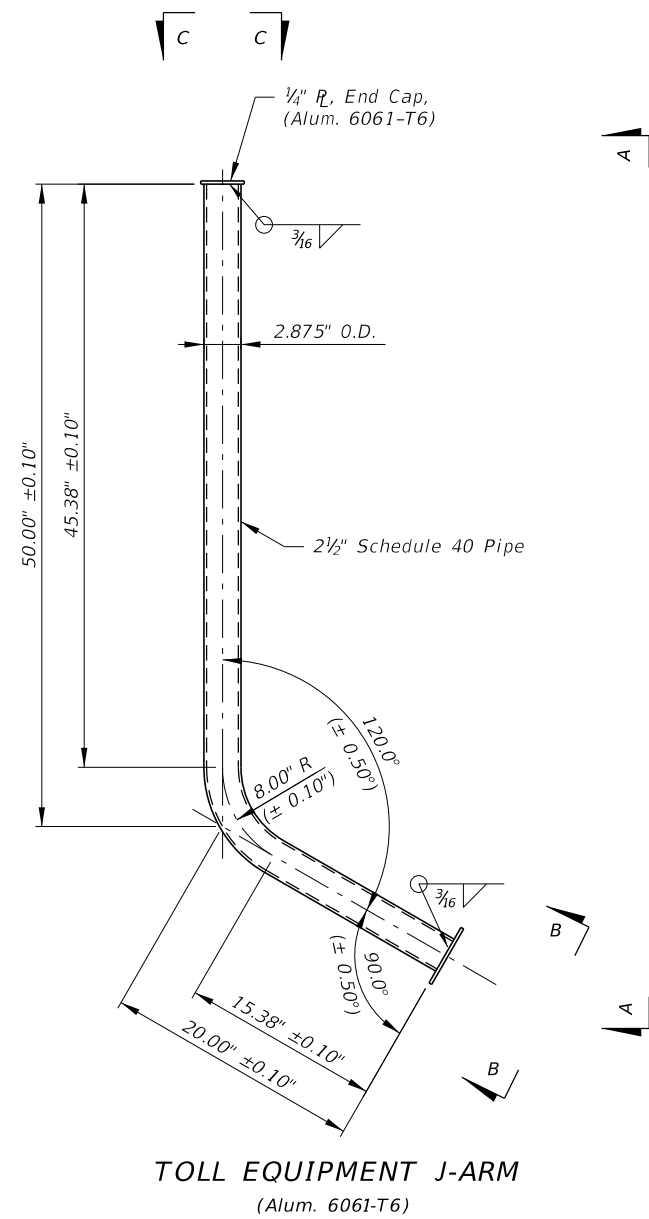
SECTION Q-Q



CAMBER DIMENSION DETAIL

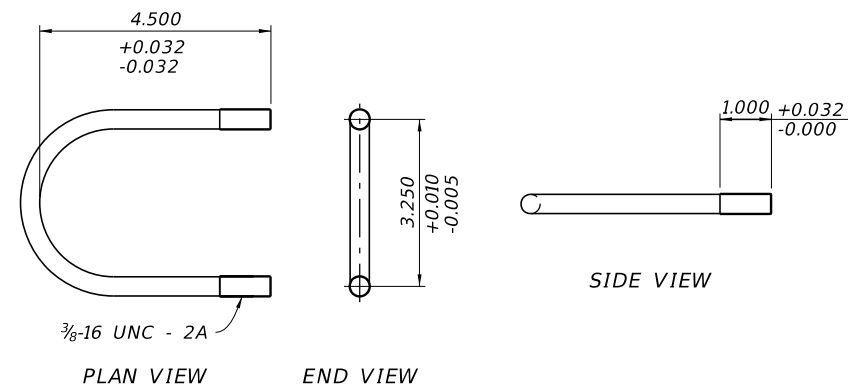
NOT TO SCALE

J-ARM DETAIL

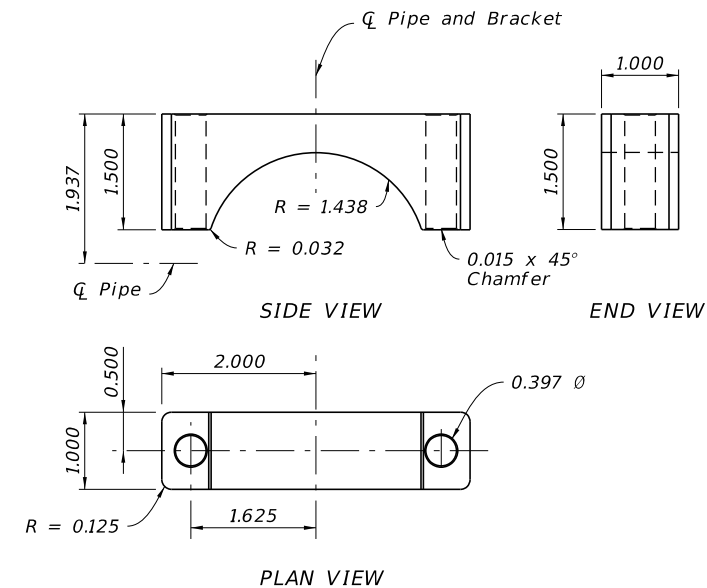


NOT TO SCALE

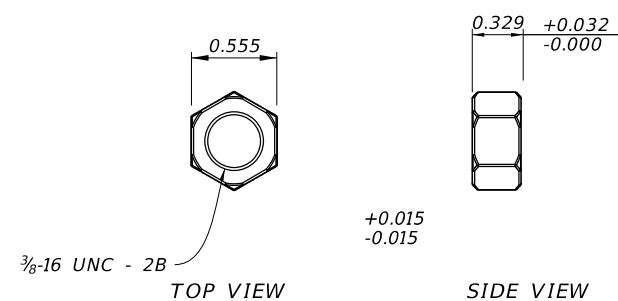
J-ARM ATTACHMENT HARDWARE



J-ARM PIPE TO J-ARM PLATE U-BOLT DETAIL
(2 Per J-Arm)



J-ARM PIPE SADDLE DETAIL
(2 Per J-Arm) (Alum. 6061-T6)

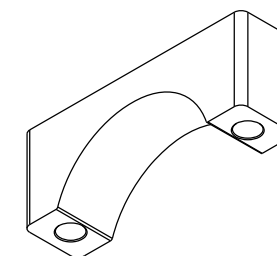


NUTS

NOTE: Nuts to be 316 Stainless Steel. (2 per leg, 4 Per U-Bolt)

NOTES:

1. BREAK ALL EDGES. CLEAN AND DEGREASE PART.
2. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE.
3. U-BOLTS MUST BE 316 STAINLESS STEEL AND THREADS TO BE COATED WITH A SUITABLE ANTI-GALL COMPOUND.
4. FURNISH THREE (3) SPARE SETS OF J-ARM ATTACHMENT HARDWARE (U-BOLTS, PIPE SADDLES, MOUNTING PARTS, WASHERS, DOUBLE NUTS, ETC.)

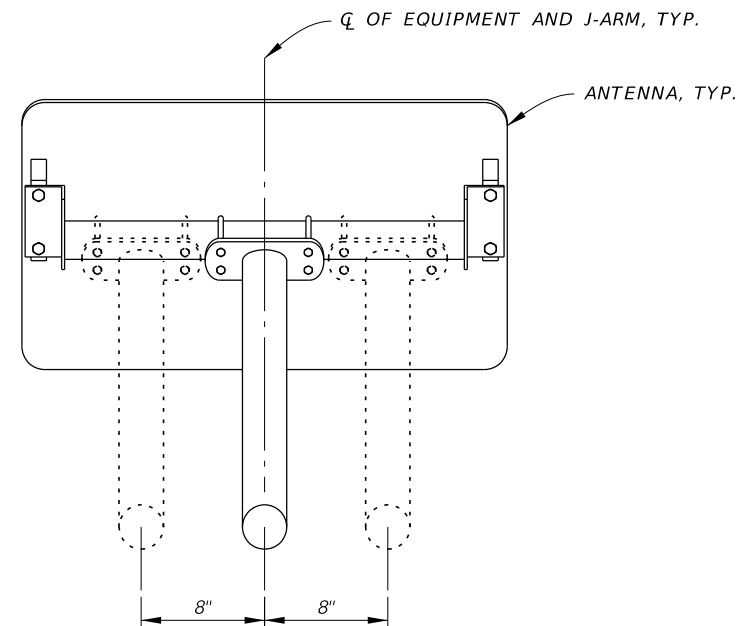


SADDLE ISOMETRIC VIEW

NOT TO SCALE

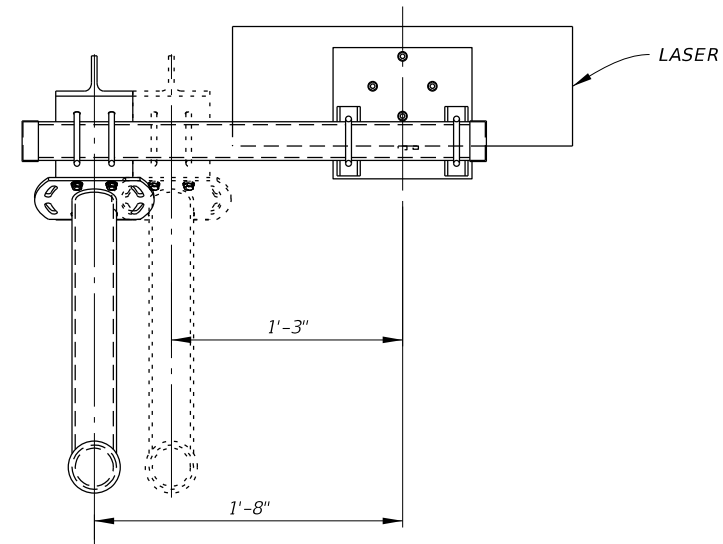
EXHIBIT 284-41
01/01/2027

TOLL EQUIPMENT ADJUSTABILITY (1 OF 2)



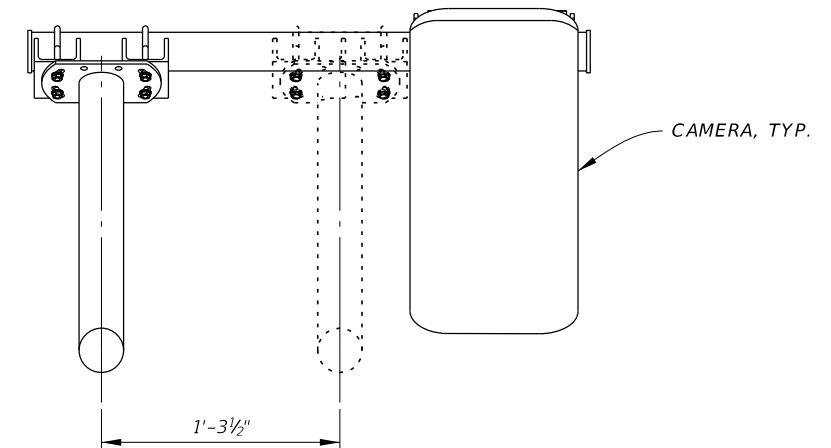
ANTENNA LIMITS OF ADJUSTABILITY
FROM CENTERED J-ARM

PLAN

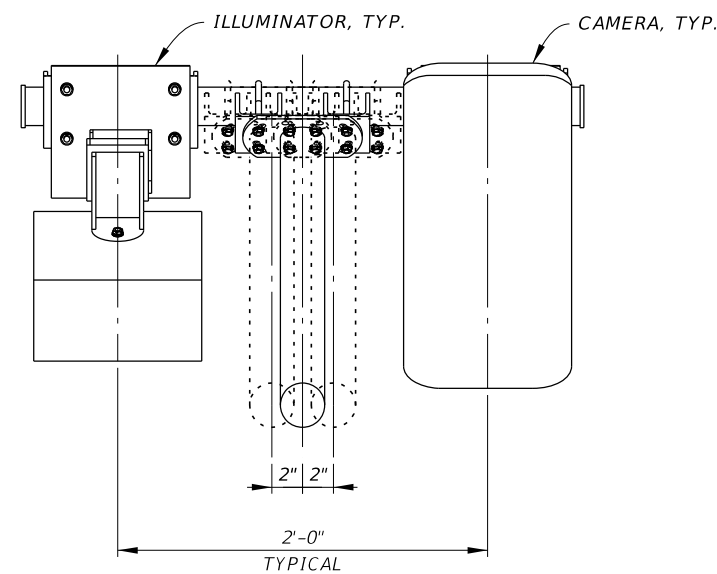


LASER LIMITS OF ADJUSTABILITY AND CAN
BE MIRRORED ABOUT THE Q OF THE J-ARM

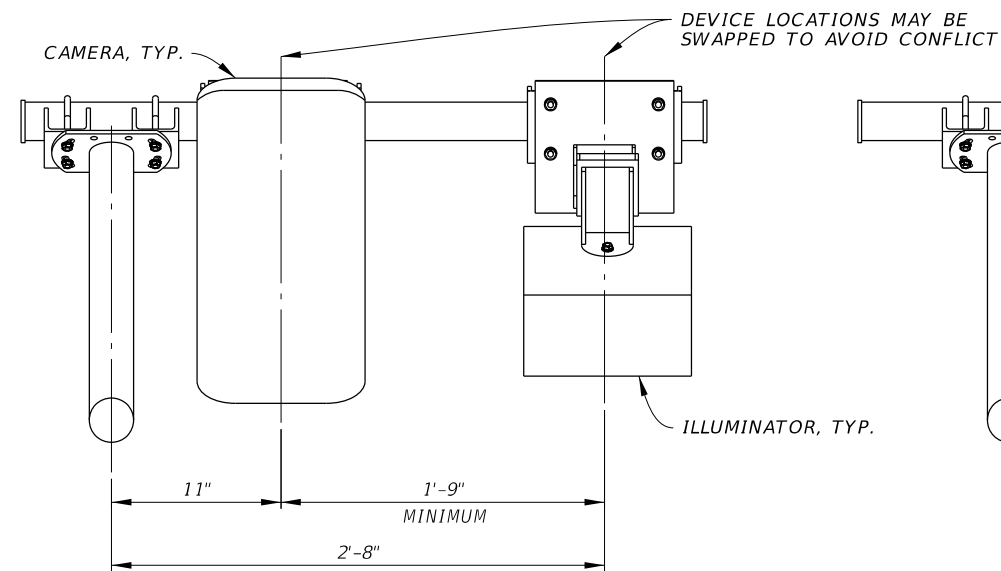
PLAN



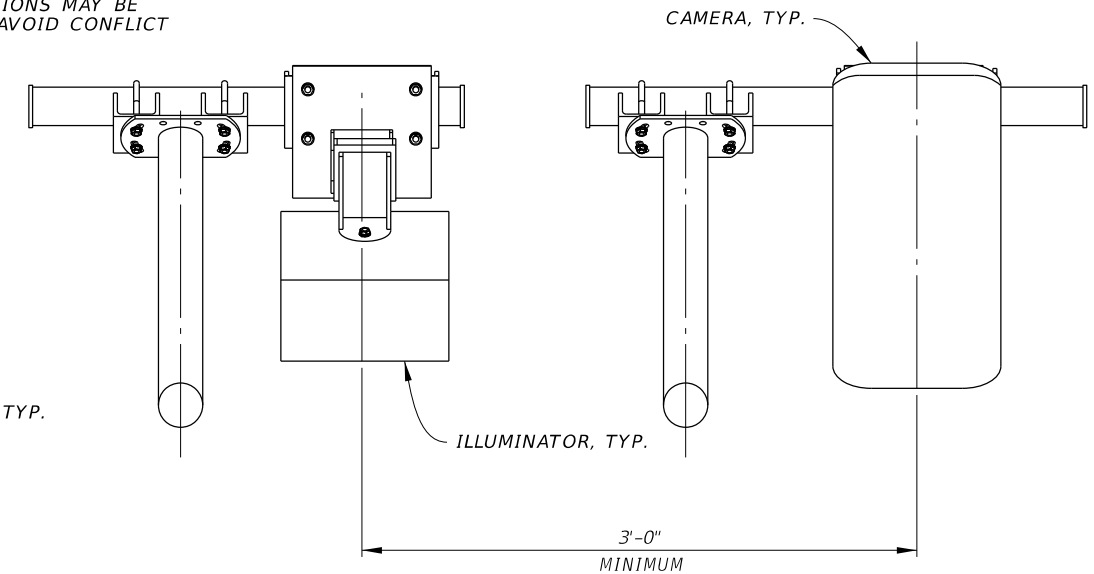
PLAN



FRONT AND SHOULDER CAMERAS - PLAN



ALTERNATIVE FRONT AND SHOULDER CAMERAS - PLAN

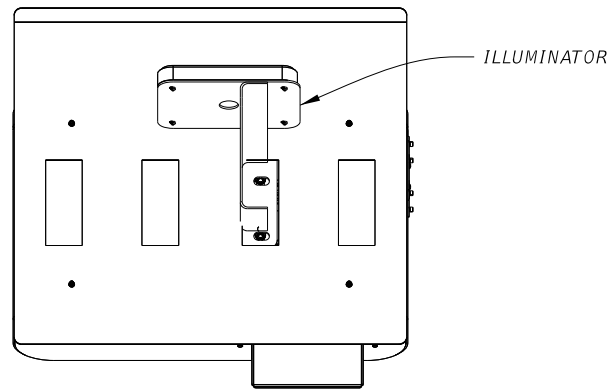


REAR TRAVEL LANE CAMERA - PLAN

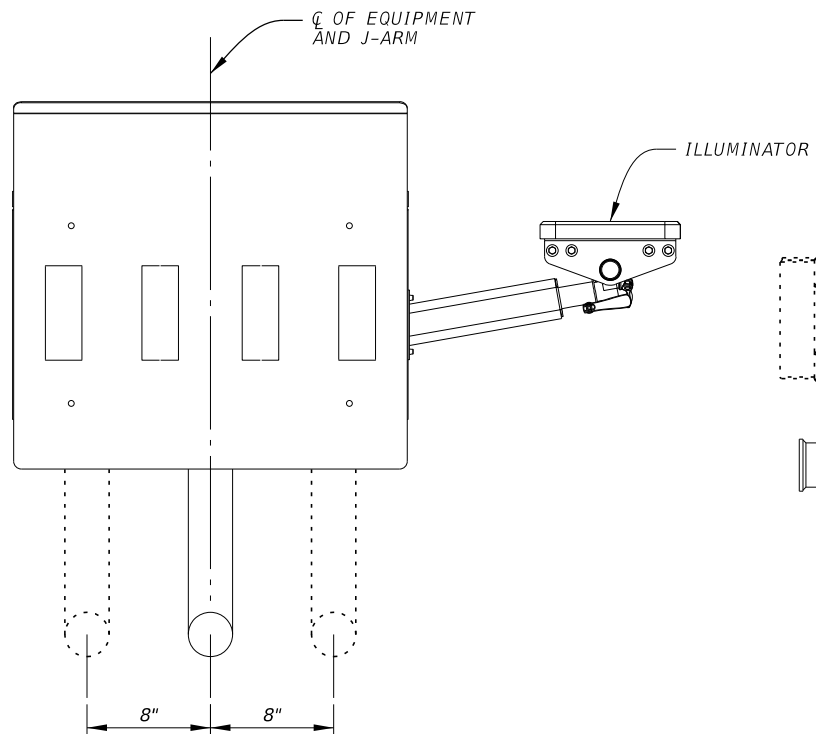
NOT TO SCALE

EXHIBIT 284-42
01/01/2027

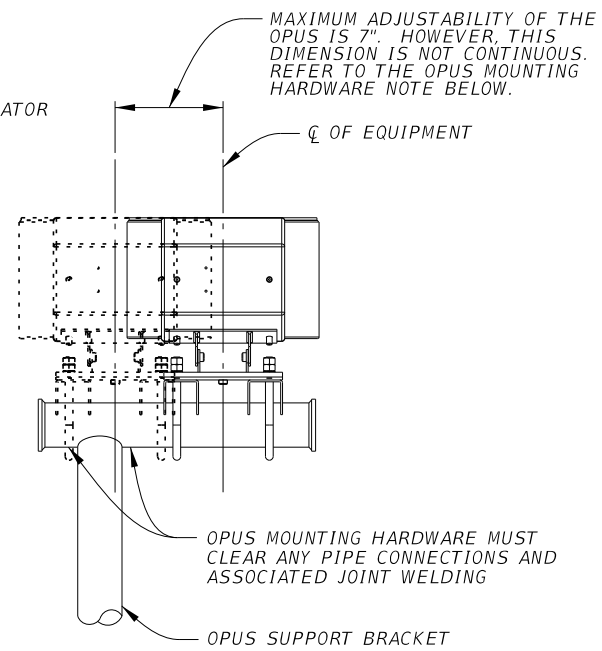
TOLL EQUIPMENT ADJUSTABILITY (2 OF 2)



PLAN - ALTERNATIVE ILLUMINATOR CONFIGURATION

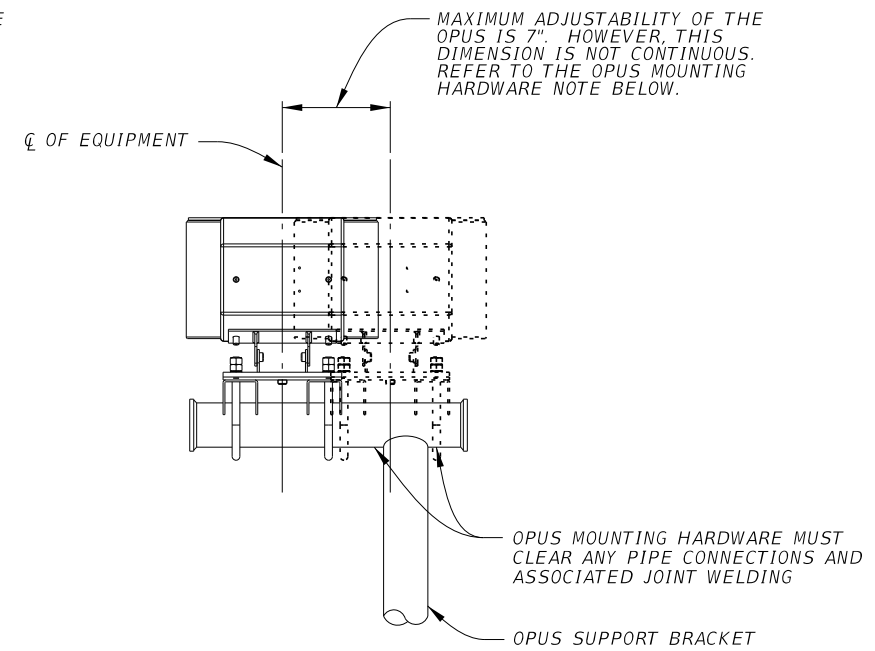
VCARS II LIMITS OF ADJUSTABILITY
FROM CENTERED J-ARM

PLAN



FRONT OPUS LIMITS OF ADJUSTABILITY

PLAN



REAR OPUS LIMITS OF ADJUSTABILITY

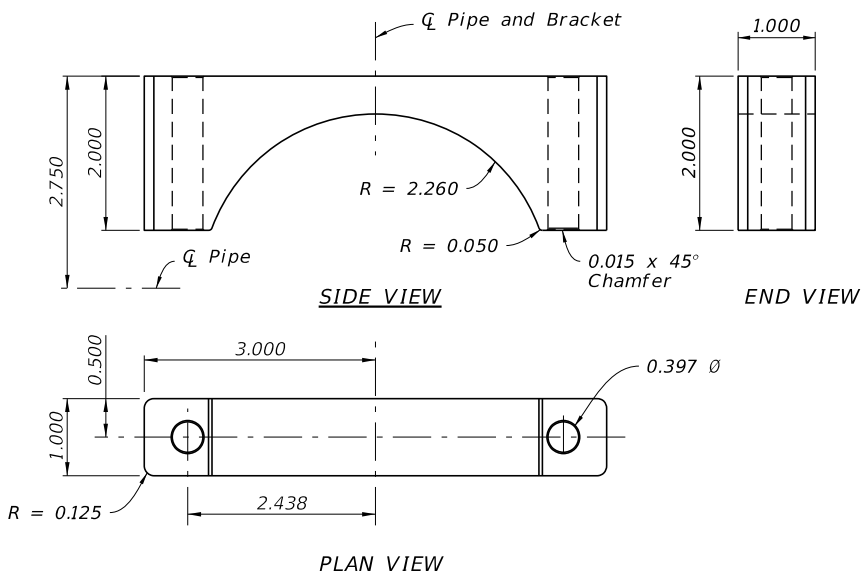
PLAN

NOT TO SCALE

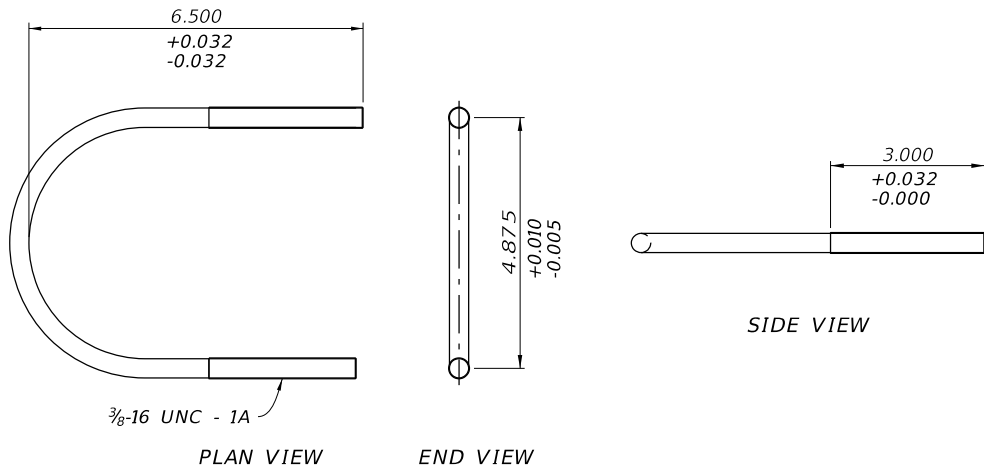
EXHIBIT 284-43

01/01/2027

HORIZONTAL SUPPORT PIPE ATTACHMENT HARDWARE (1 OF 3)

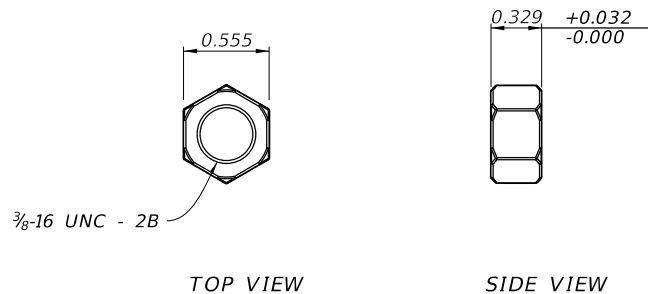
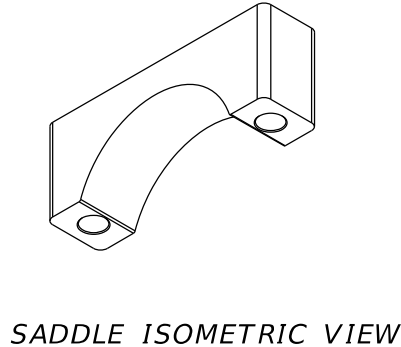


HSS4.500 PIPE TO J-ARM PLATE SADDLE DETAIL
(2 Per J-Arm) (ASTM A307 Grade A Steel Galvanized)



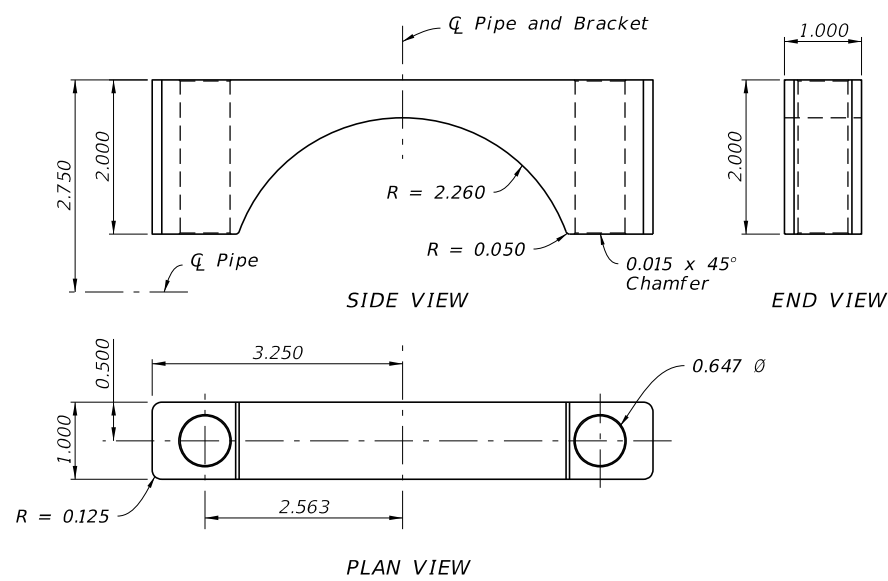
HSS4.500 PIPE TO J-ARM PLATE U-BOLT DETAIL
NOTE: (2 Per J-Arm) (U-Bolts to be 316 Stainless Steel)

- NOTES:
1. BREAK ALL EDGES. CLEAN AND DEGREASE PART.
 2. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE.

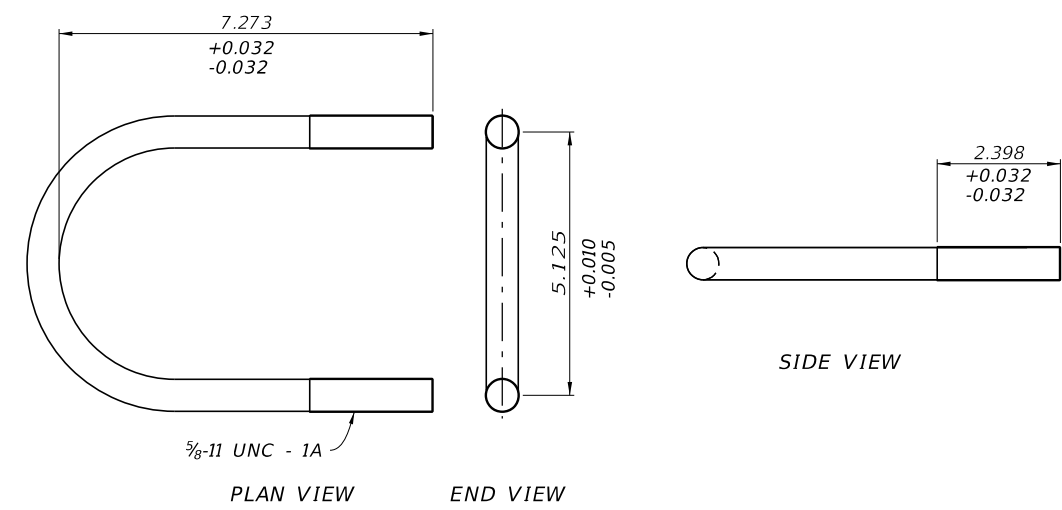


NUTS
NOTE: Stainless Steel Nuts to be 316
Stainless Steel. (2 Per Leg, 4 per U-Bolt)

HORIZONTAL SUPPORT PIPE ATTACHMENT HARDWARE (2 OF 3)

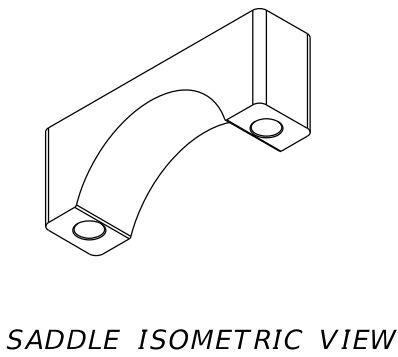


HSS4.500 PIPE TO W-SECTION SADDLE DETAIL
(2 Per Mounting Pipe) (ASTM A307 Grade A Steel Galvanized)

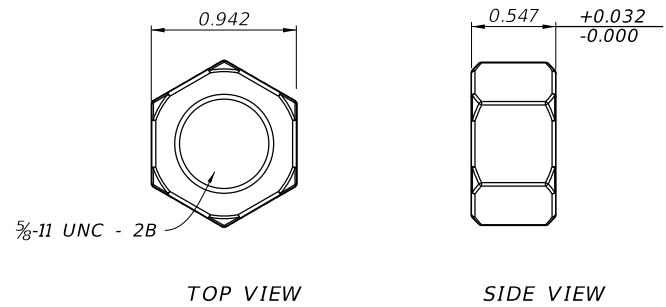


HSS4.500 PIPE TO W-SECTION U-BOLT DETAIL
NOTE: (2 Per Mounting Pipe) (U-Bolts to be galvanized ASTM A449 Grade A Steel.)

- NOTES:
- 1. BREAK ALL EDGES. CLEAN AND DEGREASE PART.
 - 2. ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE.

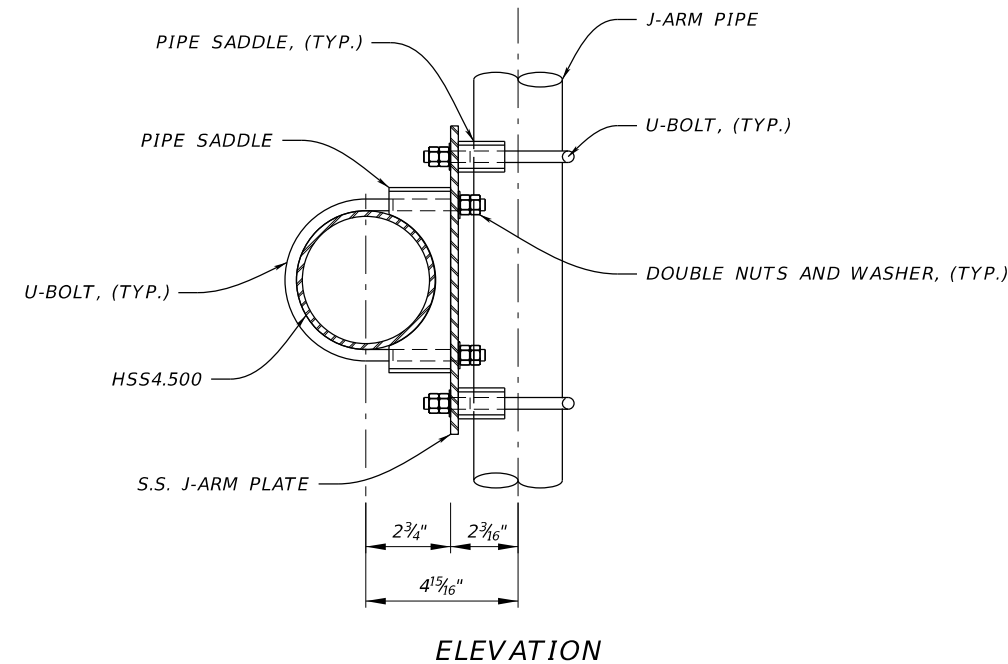
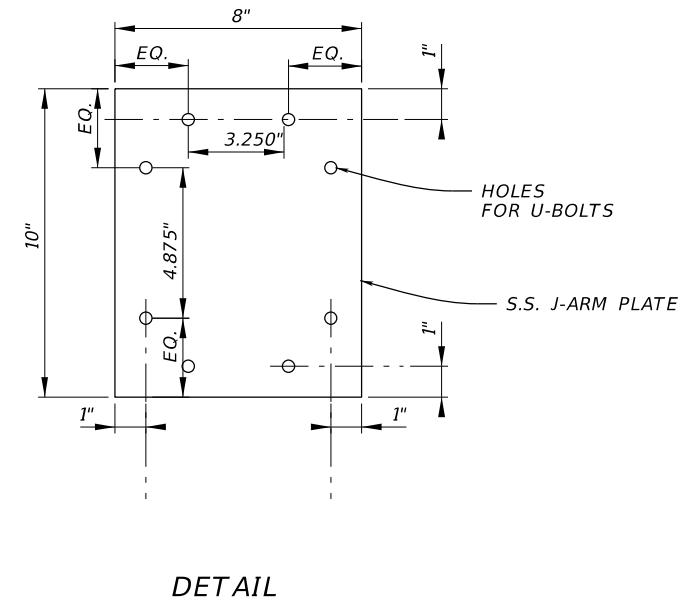
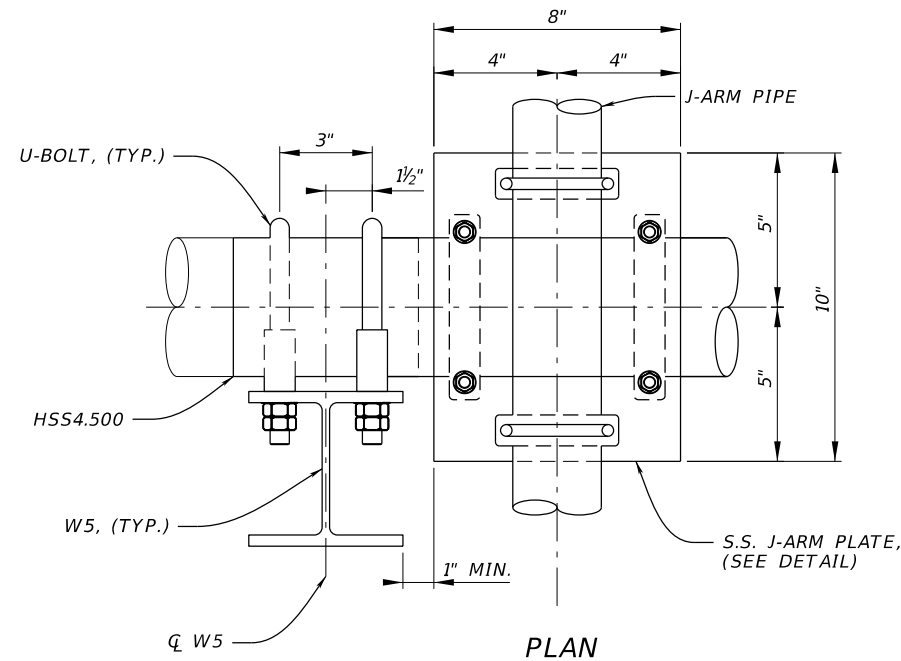


SADDLE ISOMETRIC VIEW



NUTS
NOTE: Nuts to be ASTM A563 (2 Per Leg, 4 per U-Bolt)

HORIZONTAL SUPPORT PIPE ATTACHMENT HARDWARE (3 OF 3)

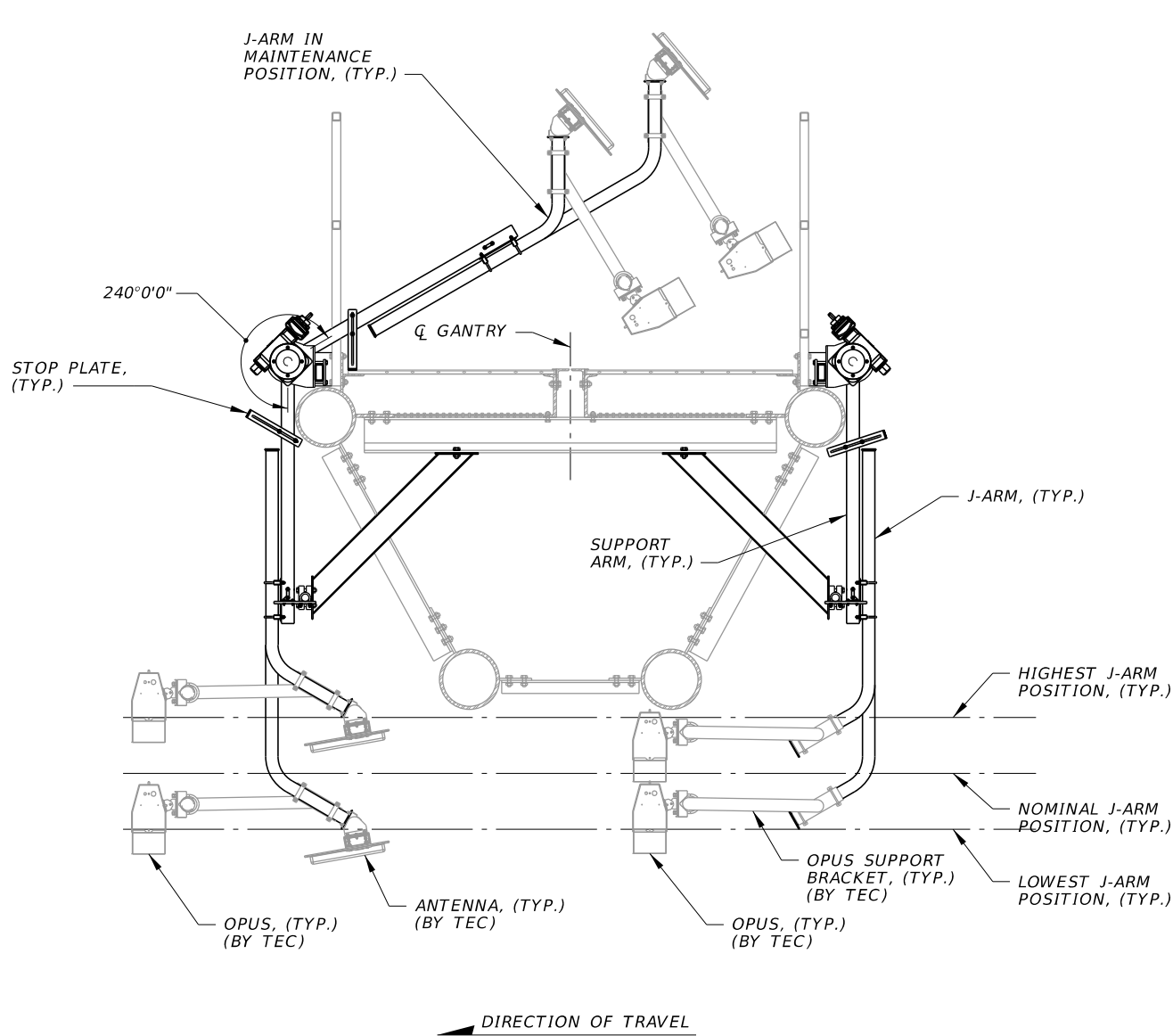


NOT TO SCALE

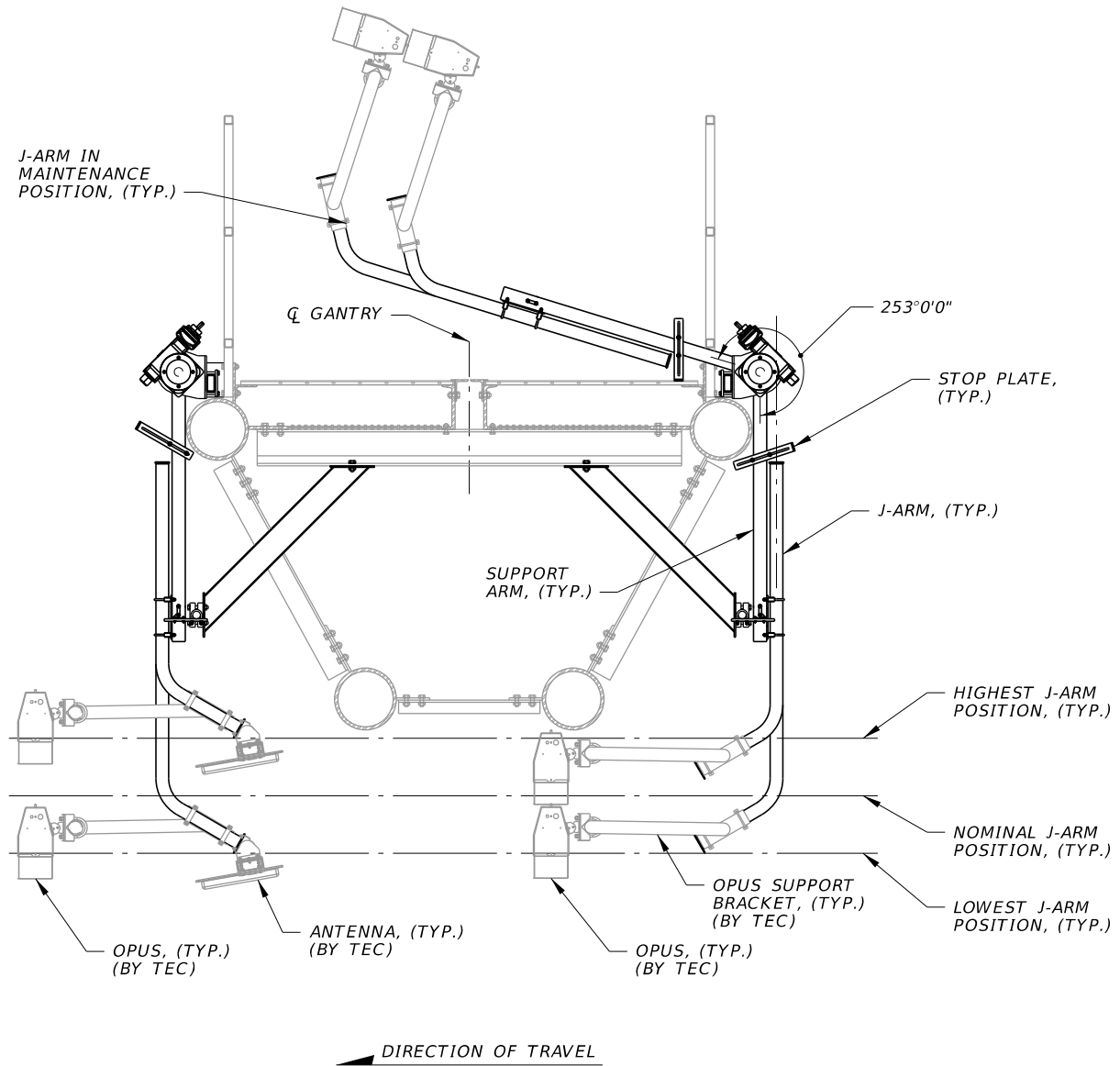
EXHIBIT 284-46

01/01/2027

EQUIPMENT RETRACTION ASSEMBLY ROTATION (1 OF 4)



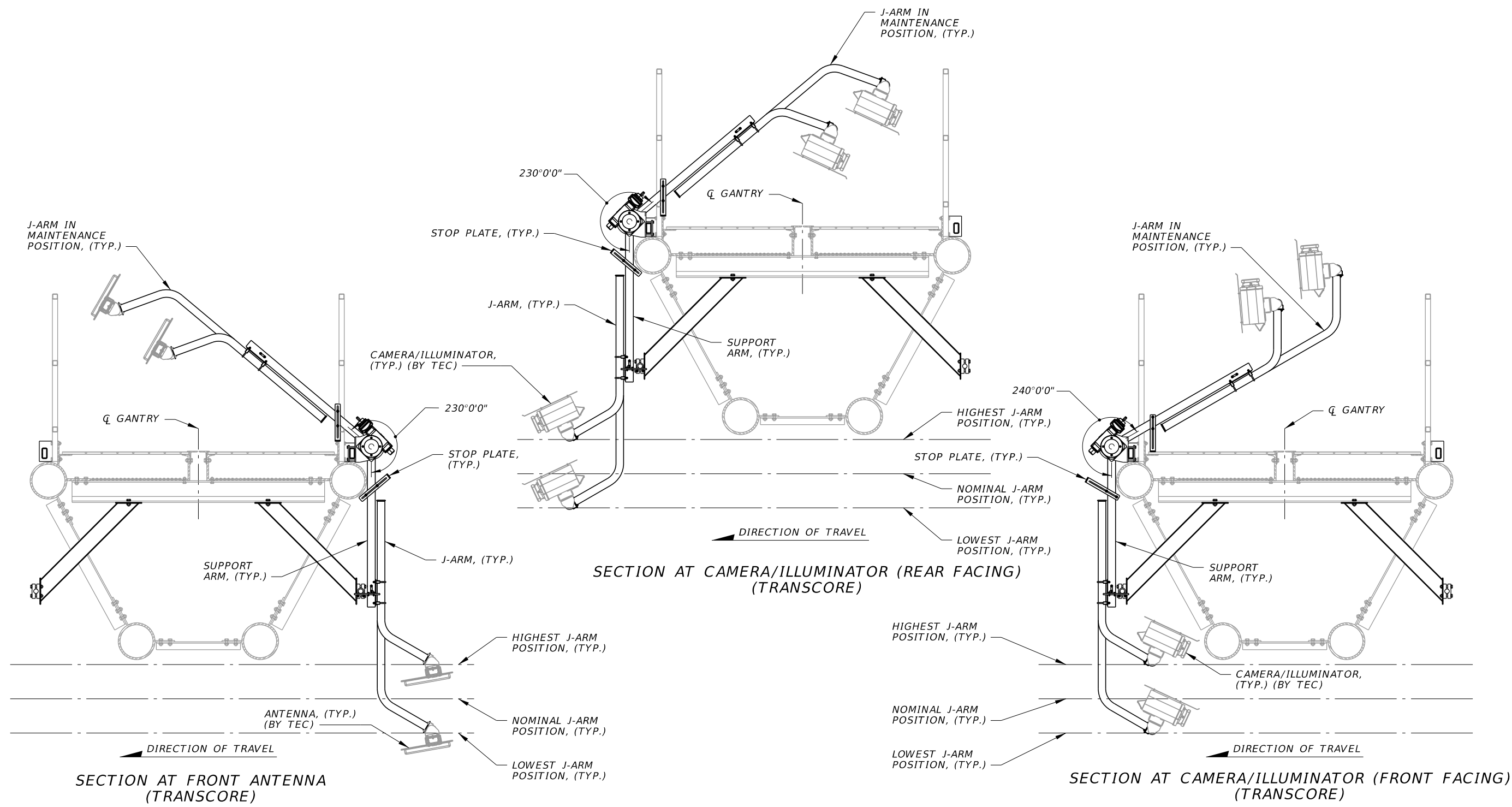
SECTION AT Q LANE/SHOULDER (TRANSCORE)



SECTION AT Q LANE/SHOULDER (TRANSCORE)

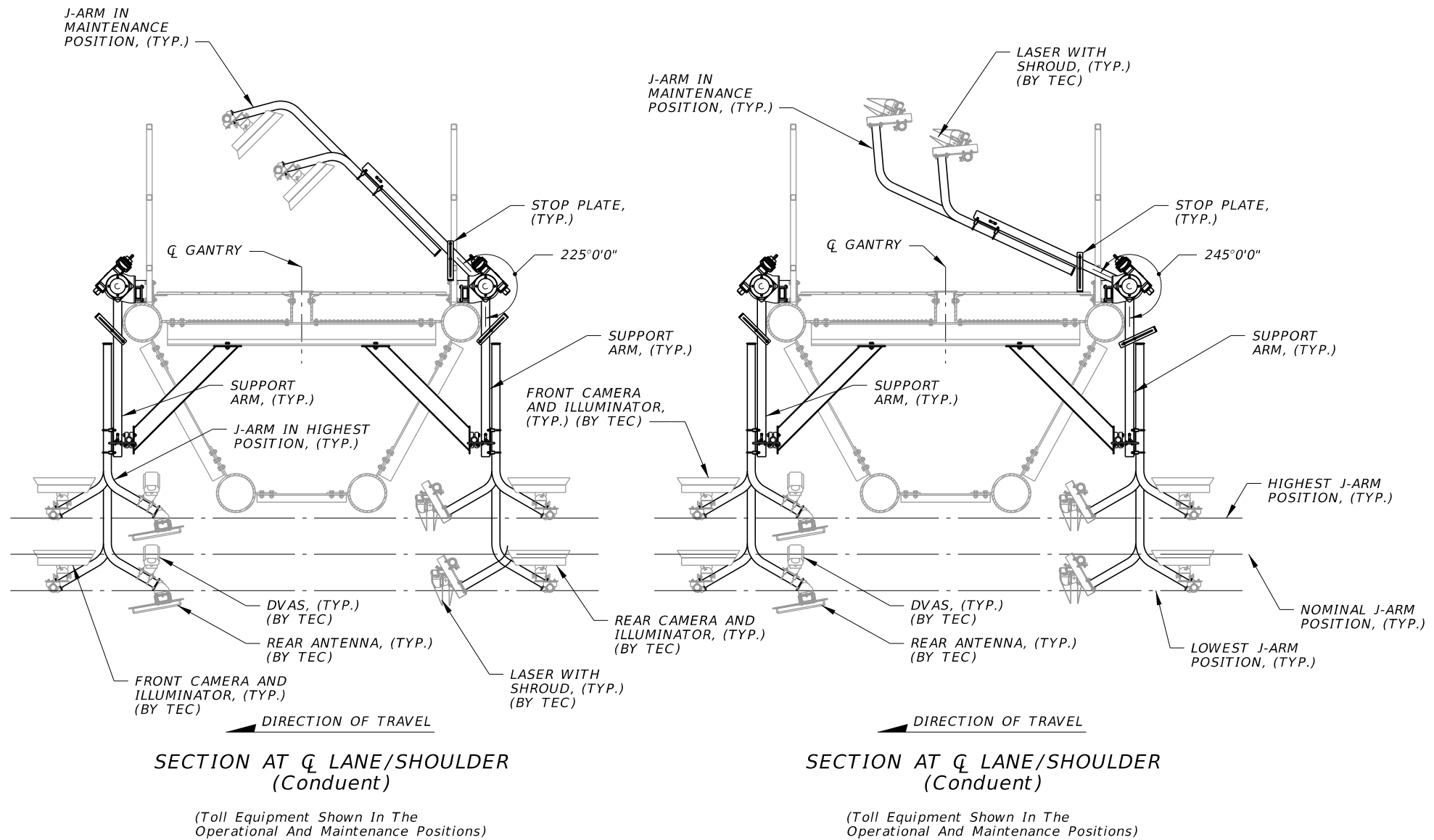
NOT TO SCALE

EQUIPMENT RETRACTION ASSEMBLY ROTATION (2 OF 4)



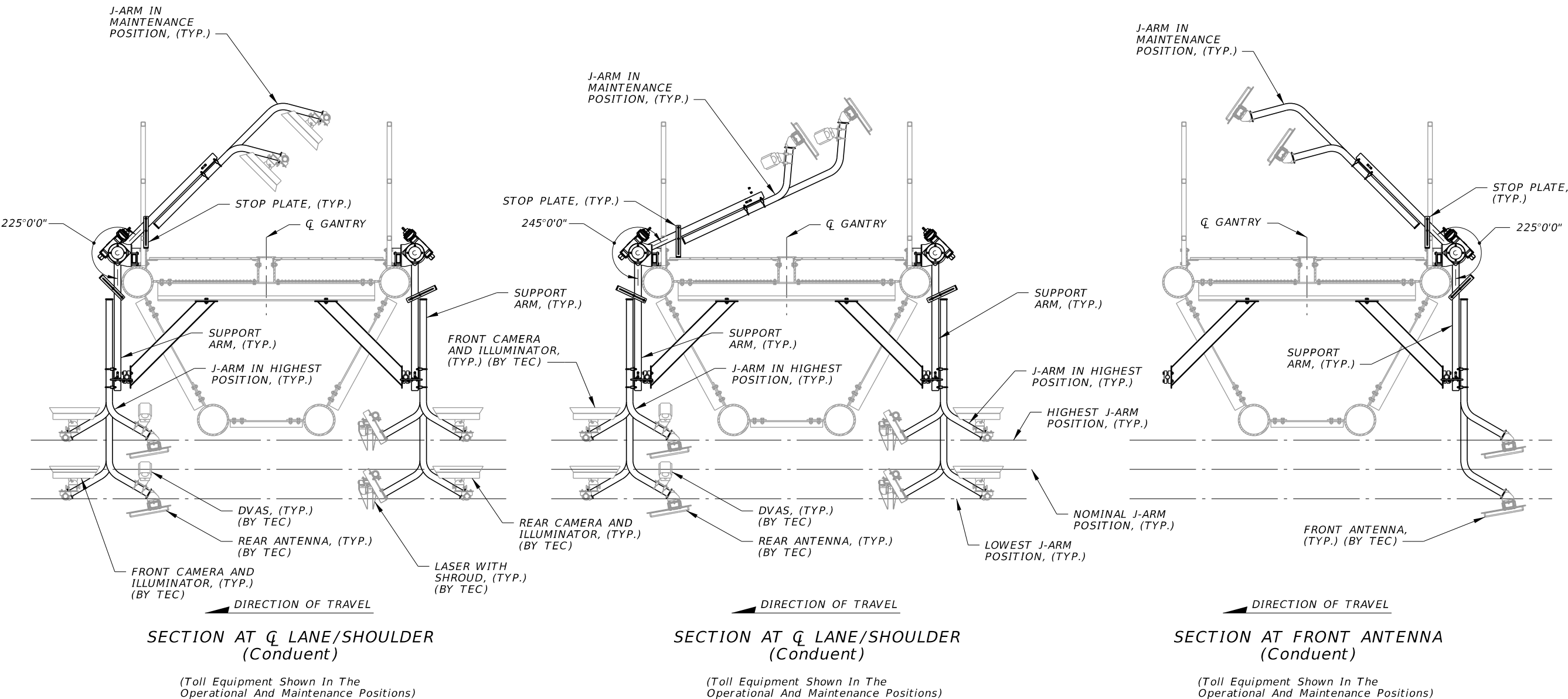
NOT TO SCALE

EQUIPMENT RETRACTION ASSEMBLY ROTATION (3 OF 4)



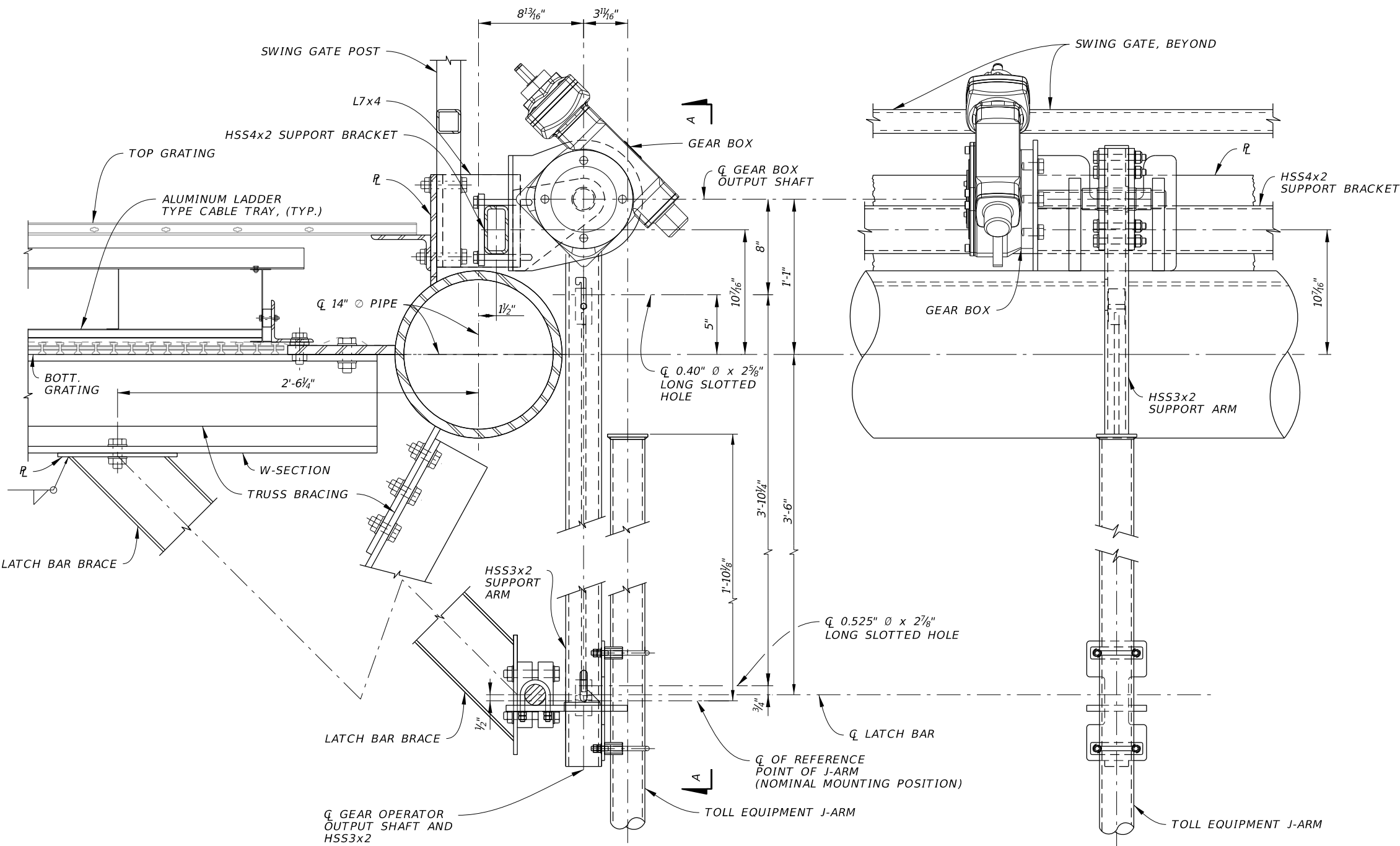
NOT TO SCALE

EQUIPMENT RETRACTION ASSEMBLY ROTATION (4 OF 4)



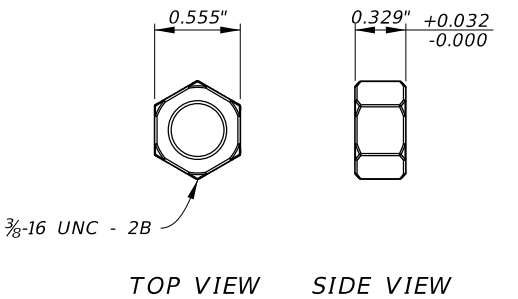
NOT TO SCALE

EQUIPMENT RETRACTION ASSEMBLY SUPPORT ARM (1 OF 2)

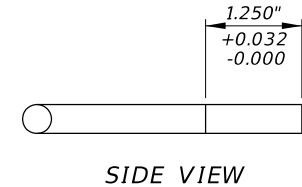
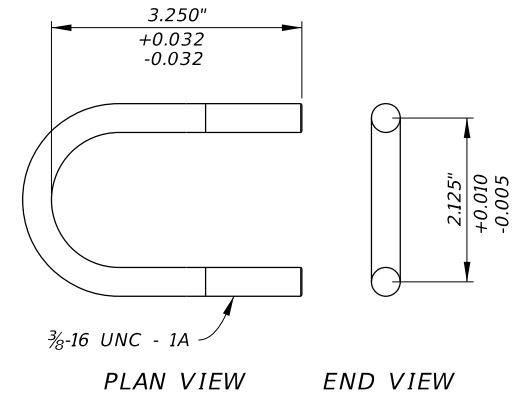


SECTION AT SUPPORT ARM

SECTION A-A



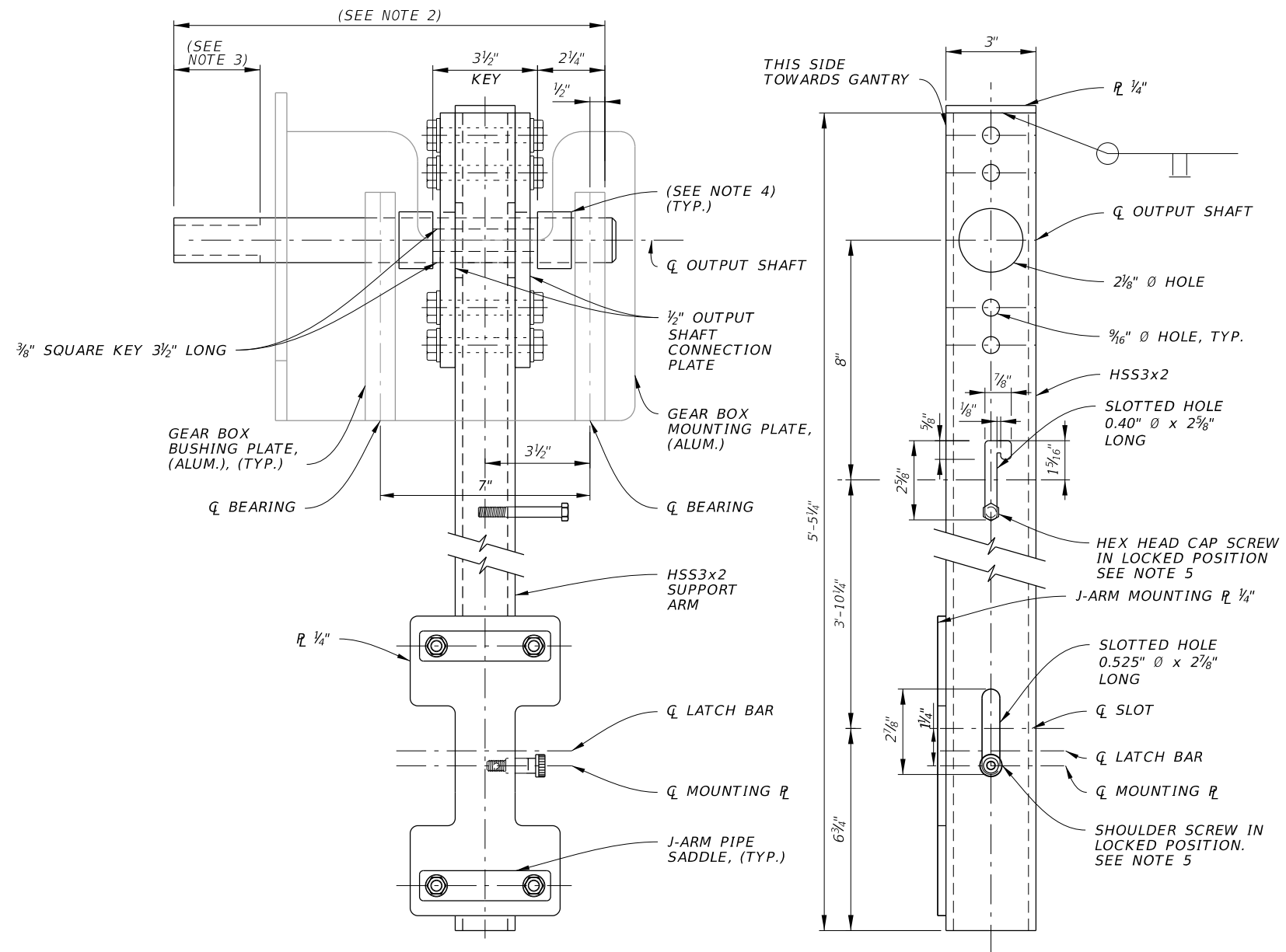
NUTS
Note: Nuts To Be 316 Stainless Steel
(2 Per Leg, 4 Per U-Bolt)



LATCH PLATE TO LATCH BAR U-BOLT DETAIL
Note: U-Bolts To Be 316 Stainless Steel

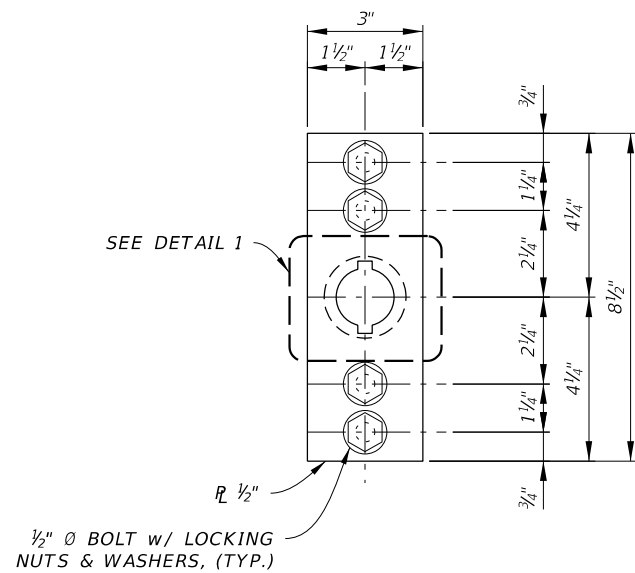
NOT TO SCALE

EQUIPMENT RETRACTION ASSEMBLY SUPPORT ARM (2 OF 2)



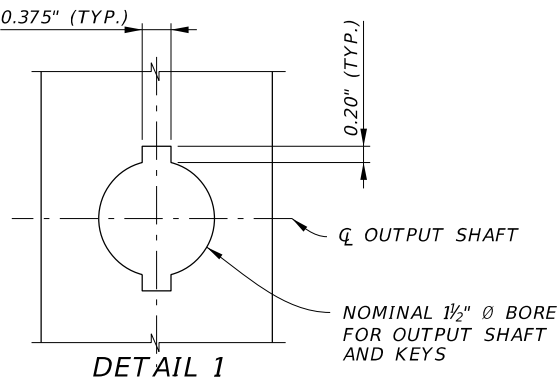
SUPPORT ARM ELEVATION

SUPPORT ARM - SIDE VIEW



OUTPUT SHAFT CONNECTION PLATE

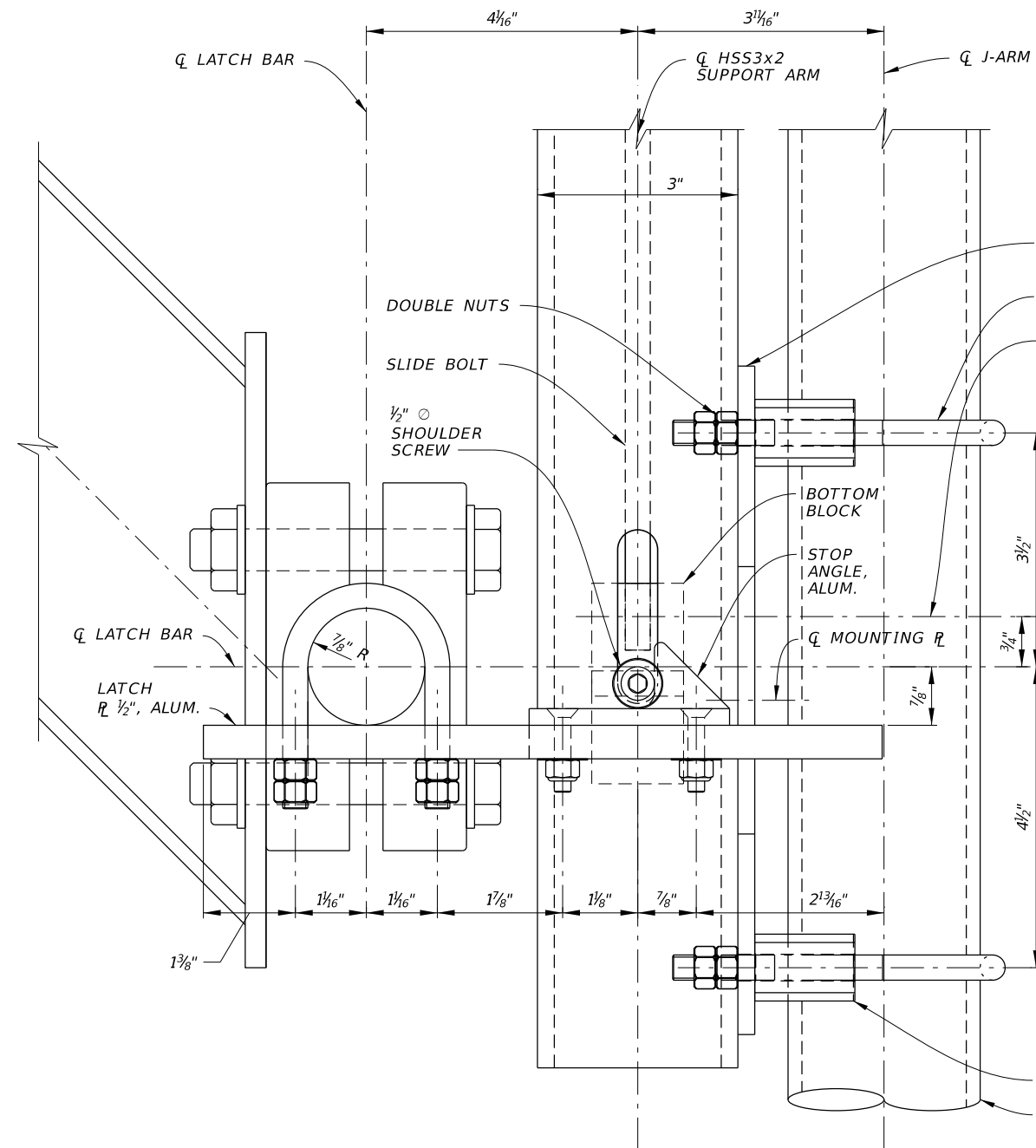
- NOTES:
1. PLATES ARE GALVANIZED STEEL, UNLESS NOTED OTHERWISE.
 2. PROVIDE BRASS KEY FOR EACH KEYWAY.
 3. LENGTH OF INSIDE GEAR OPERATOR KEY MUST ALLOW INSERTION OF GEAR OPERATOR OUTPUT SHAFT BUSHING.
 4. PROVIDE 1 1/2" SCH. 40 S.S. CENTERING COLLARS OF EQUAL LENGTH ON BOTH SIDES. SIZE COLLAR LENGTH SUCH THAT A 1/8" MAX. GAP IS ALLOWED BETWEEN BEARING FACES. SECURE OUTPUT SHAFT BETWEEN BUSHING PLATES WITH S.S. RETAINING CLIPS.
 5. LOCATE SLIDE BOLT HEX HEAD SCREW AND SHOULDER SCREW ON SIDE OPPOSITE GEAR BOX.



DETAIL 1

NOT TO SCALE

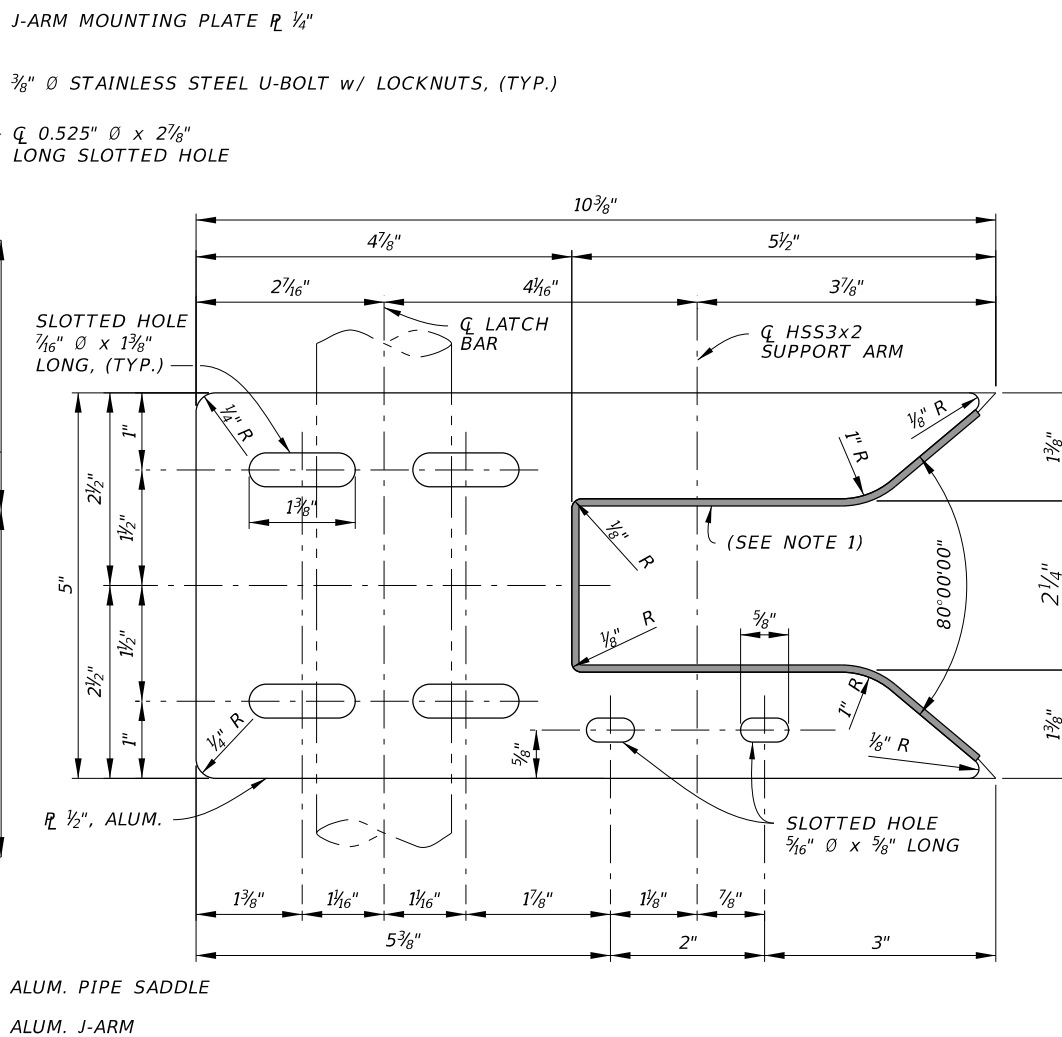
EQUIPMENT RETRACTION ASSEMBLY DETAILS (1 OF 2)



SUPPORT ARM LATCH DETAIL

NOTES:

1. SILICONE RUBBER ADHESIVE, $\frac{3}{32}$ " THICK x $\frac{1}{2}$ " WIDE ALONG EDGE OF THE LATCH PLATE.
2. PROVIDE FIELD ADJUSTMENT NOTES TO SECURE LATCH WITH PLUMB SUPPORT ARMS.



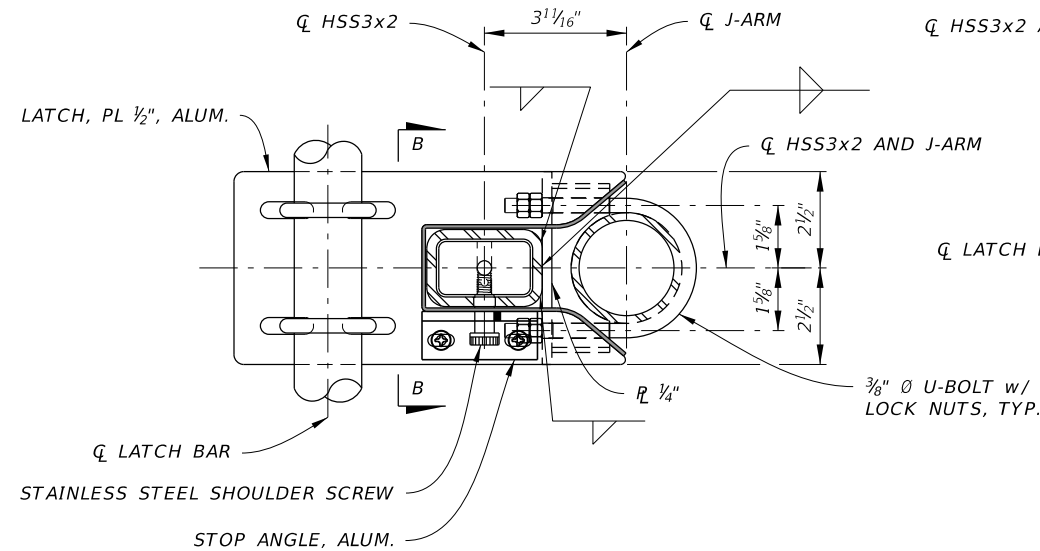
LATCH PLATE DETAIL - PLAN

NOT TO SCALE

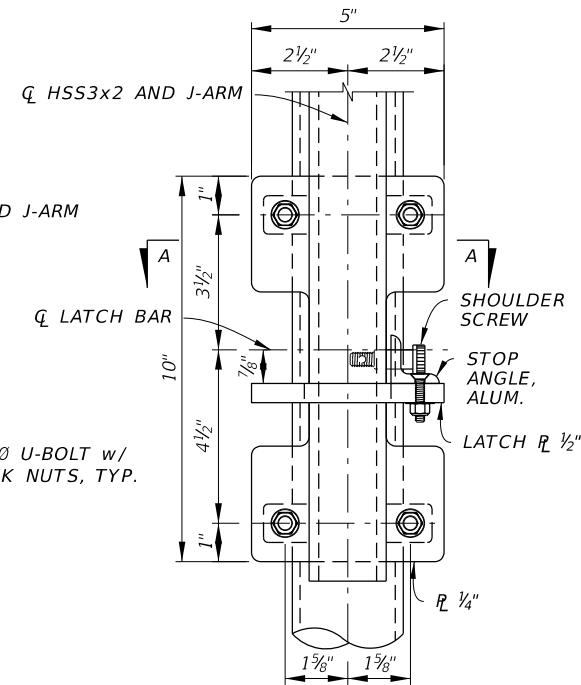
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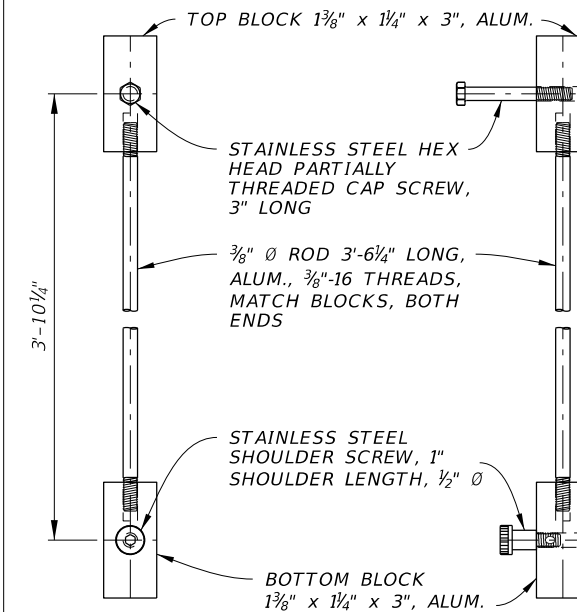
EQUIPMENT RETRACTION ASSEMBLY DETAILS (2 OF 2)



SUPPORT ARM LATCH DETAIL
SECTION A-A

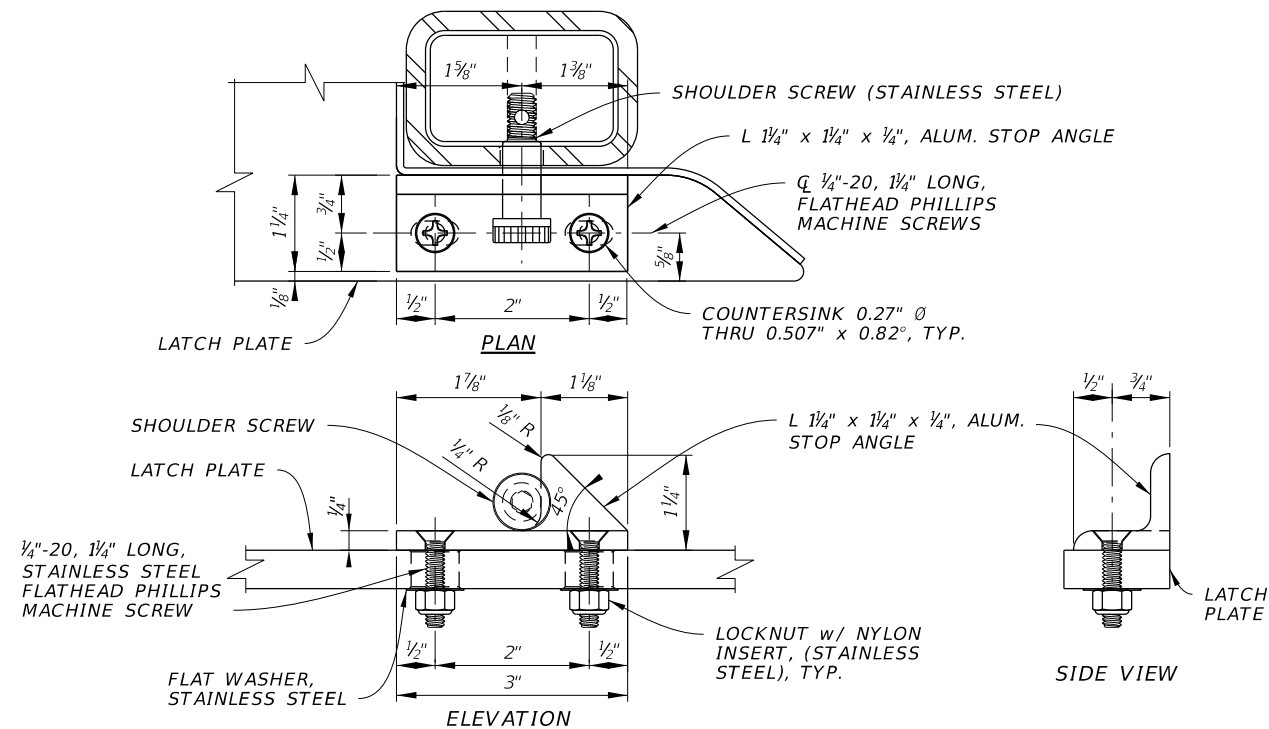


SUPPORT ARM LATCH DETAIL
SECTION B-B

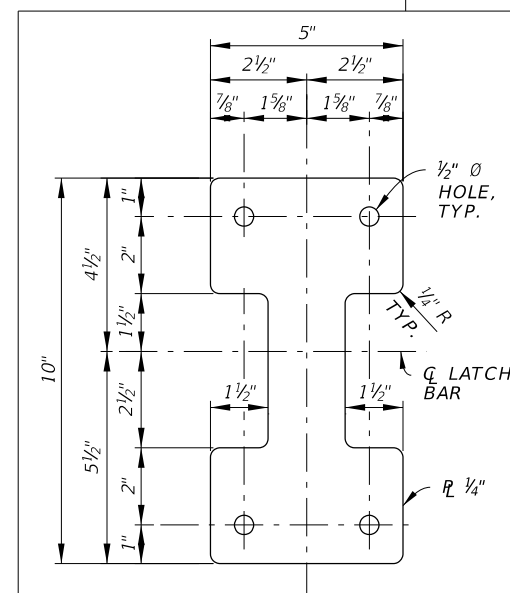


SIDE ELEVATION *FRONT ELEVATION*

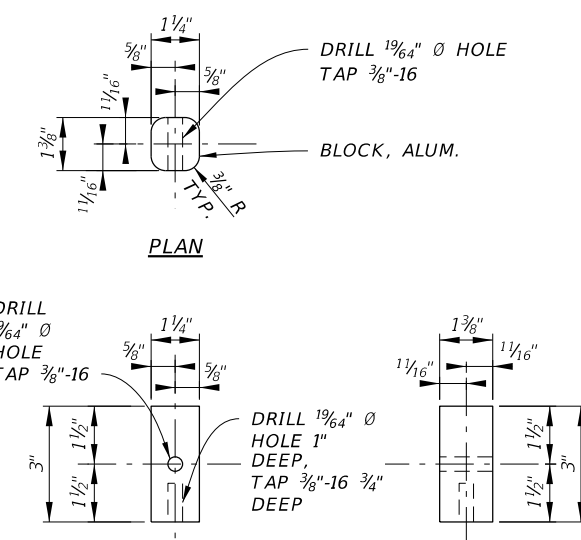
SLIDE BOLT ASSEMBLY



STOP ANGLE DETAILS



J-ARM MOUNTING PLATE



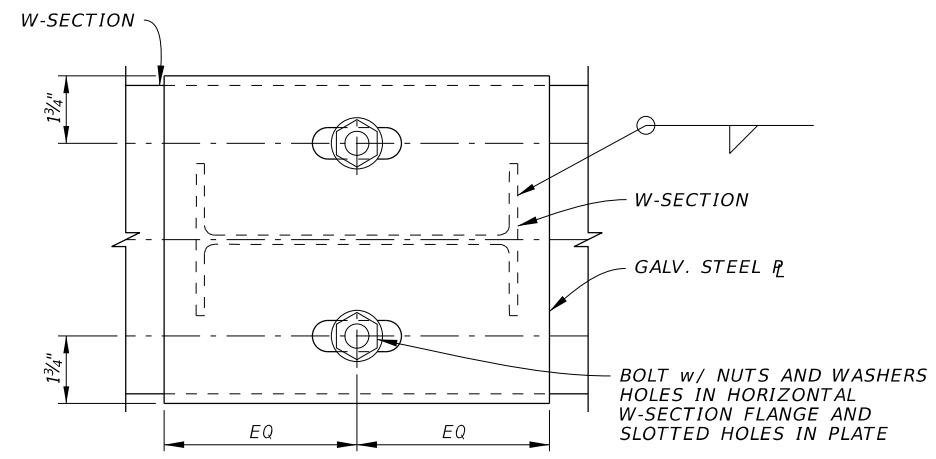
SIDE ELEVATION *FRONT ELEVATION*

SLIDE BOLT ASSEMBLY DETAILS

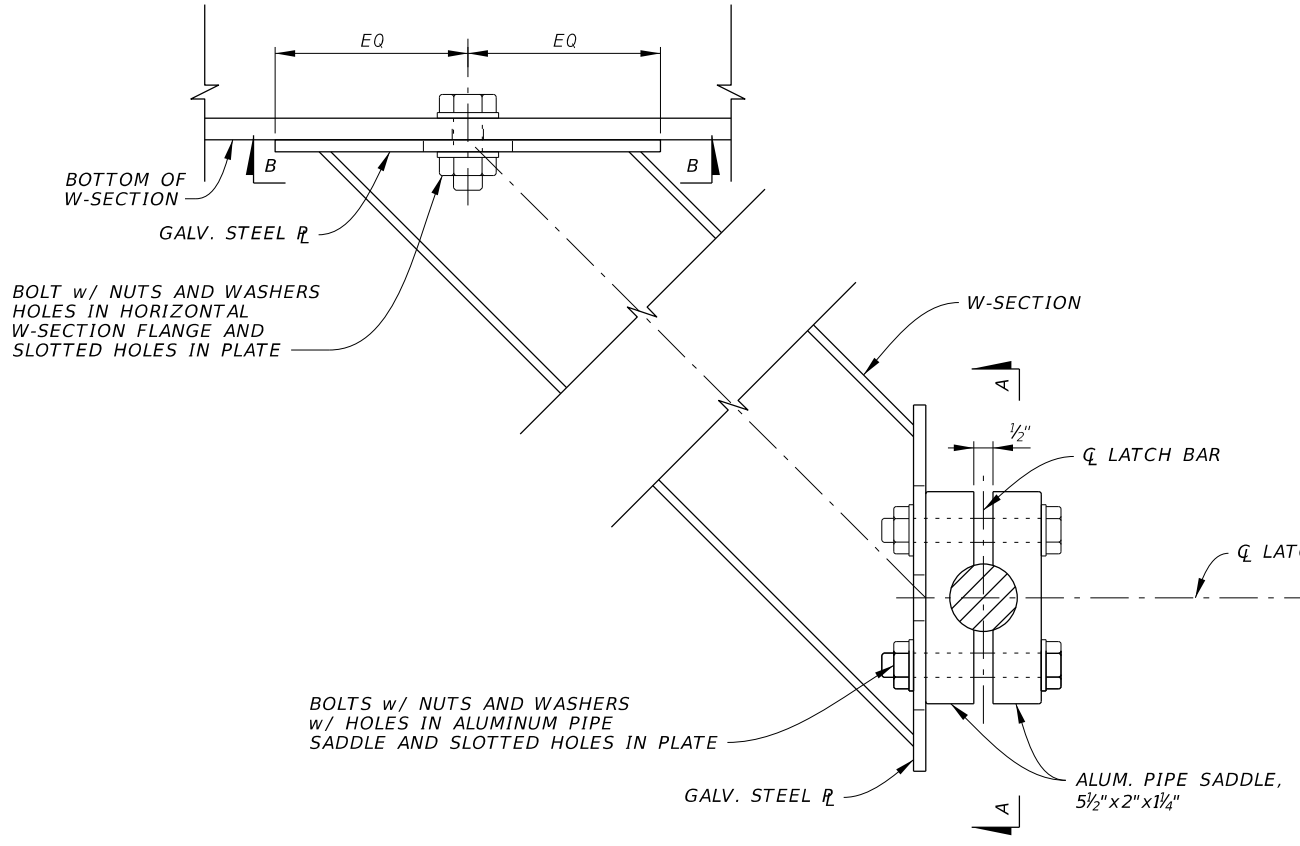
NOT TO SCALE

EXHIBIT 284-54
01/01/2027

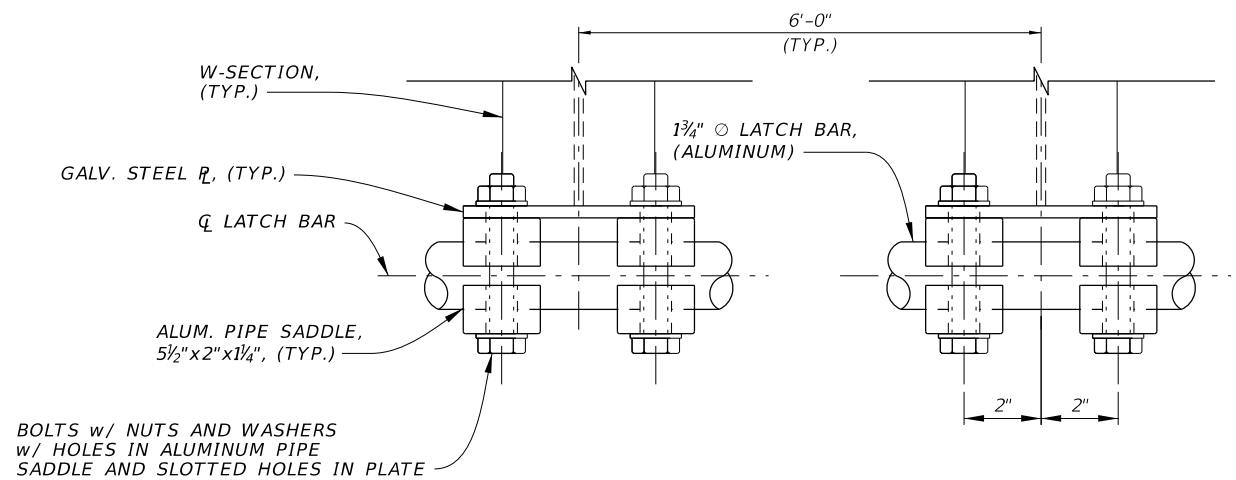
LATCH BAR ASSEMBLY



SECTION B-B

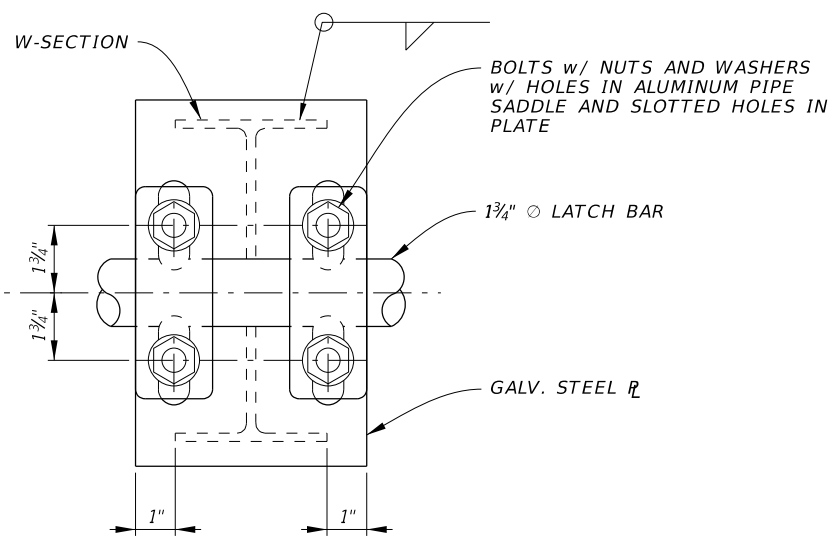


LATCH BAR SECTION- TYPICAL



LATCH BAR PLAN - TYPICAL

- NOTES:
1. PROVIDE FIELD ADJUSTMENT NOTES TO SECURE LATCH WITH PLUMB SUPPORT ARMS.
 2. SHOP ALIGN LATCH BAR TO ALLOW ALL J-ARMS TO BE MOUNTED PLUMB.
 3. KEEP THE LATCH BAR HORIZONTALLY MOUNTED BY USING THE SLOTTED HOLES TO VERTICALLY ADJUST THE LATCH BAR PIPE SADDLE BOLTS FOR THE FINAL INSTALLED GANTRY CAMBER ONCE THE GANTRY IS SELF-SUPPORTING THE FULL WEIGHT OF THE STRUCTURE.



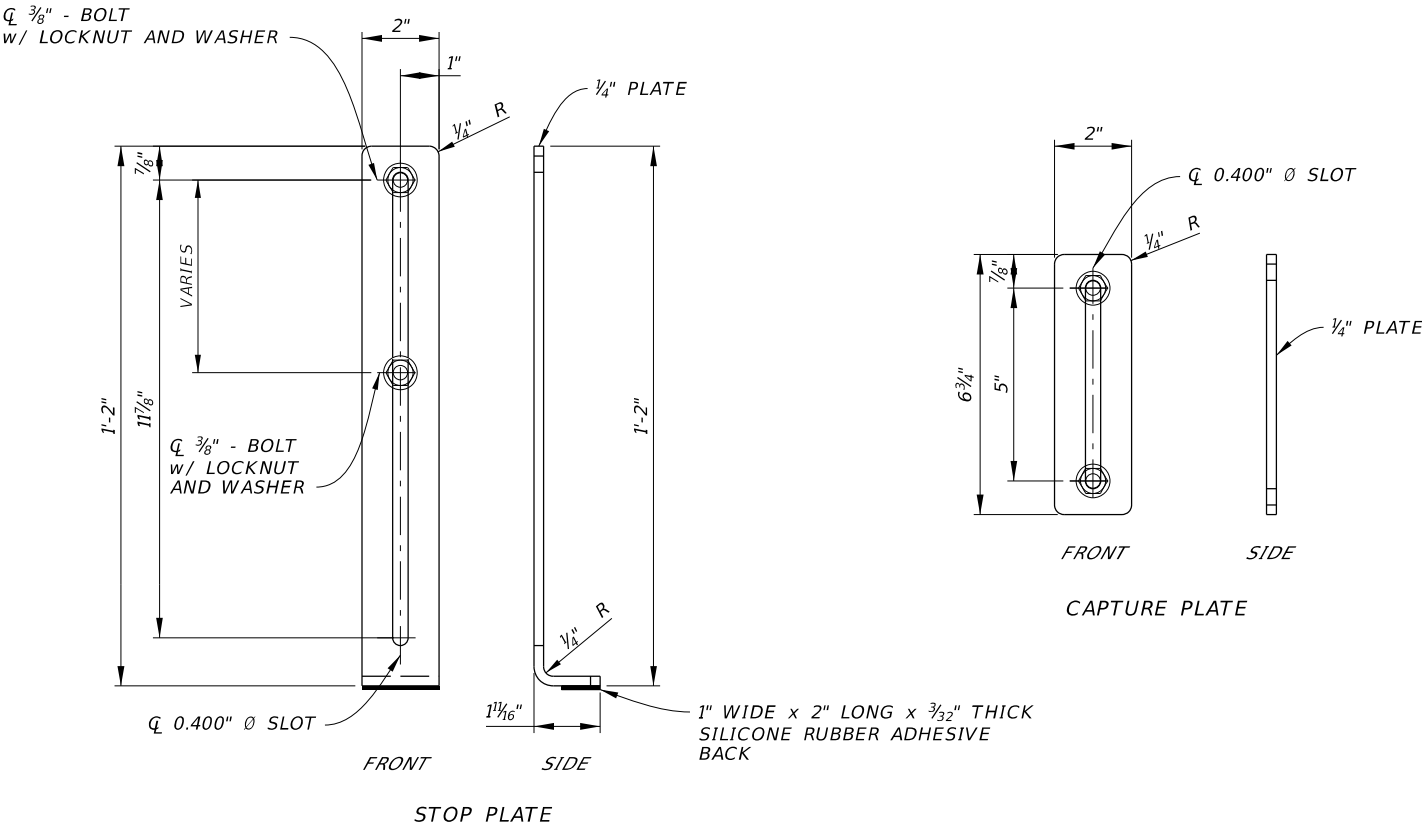
SECTION A-A

NOT TO SCALE

STOP PLATE TYPES AND DETAILS

TABLE OF SUPPORT ARM QUANTITIES		
VENDOR	PHASE	TYP. SUPPORT ARM
TRANSCORE/ INFINITY	INTERIM	XX + 1 SPARE
	INTERIM 2	XX + 1 SPARE
	ULTIMATE	XX + 1 SPARE
CONDUENT	INTERIM	XX + 1 SPARE
	INTERIM 2	XX + 1 SPARE
	ULTIMATE	XX + 1 SPARE

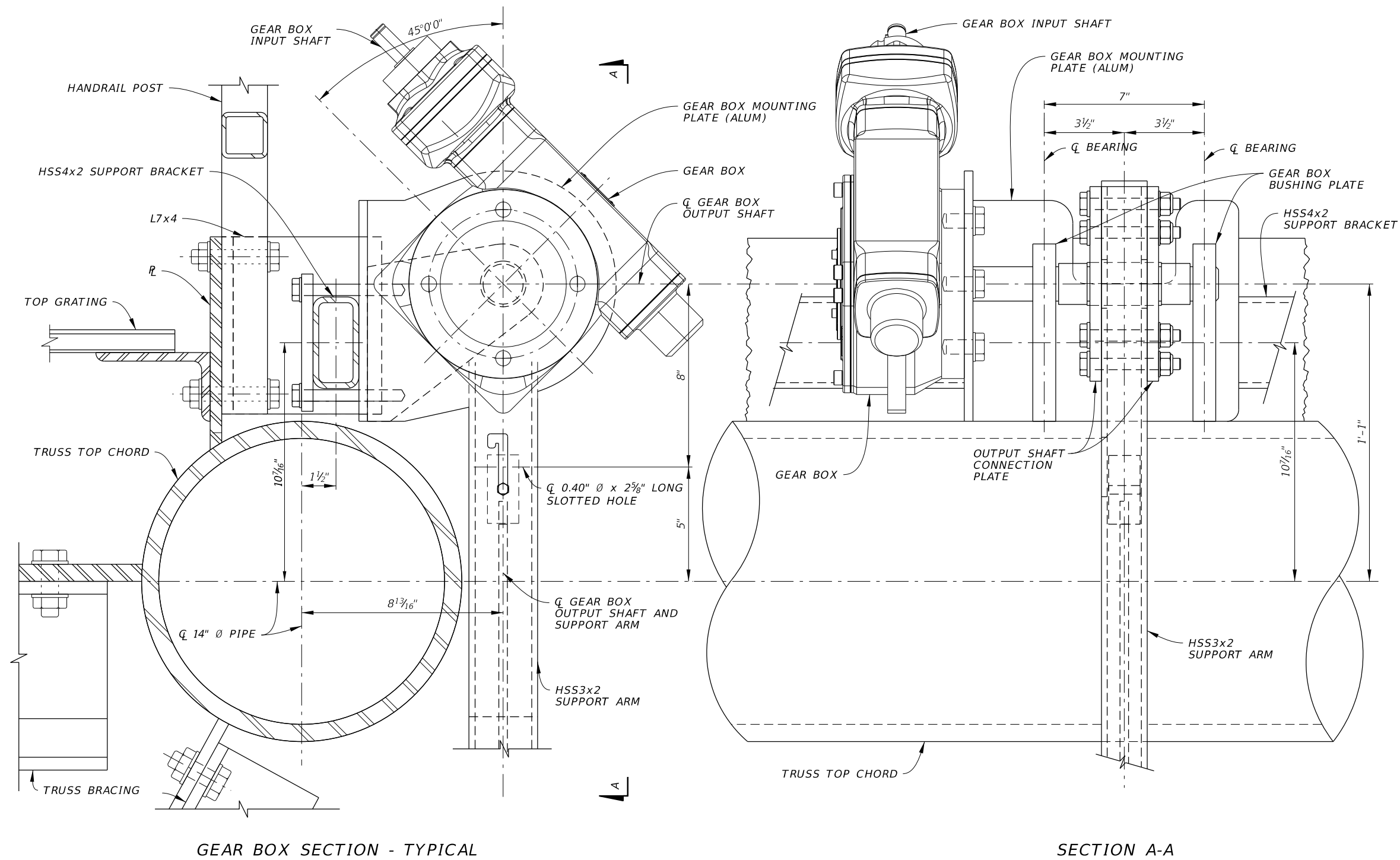
- NOTES:
- 1. DURING INSTALLATION, ORIENT THE EXPOSED BOLT THREADS AWAY FROM THE GEAR OPERATOR.
 - 2. PROVIDE (1) ONE CAPTURE PLATE, (2) TWO 3/8" BOLTS WITH LOCKNUTS AND WASHERS FOR EACH STOP PLATE.



UPPER SUPPORT ARM - STOP PLATE ASSEMBLY

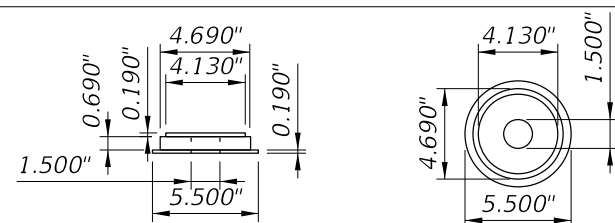
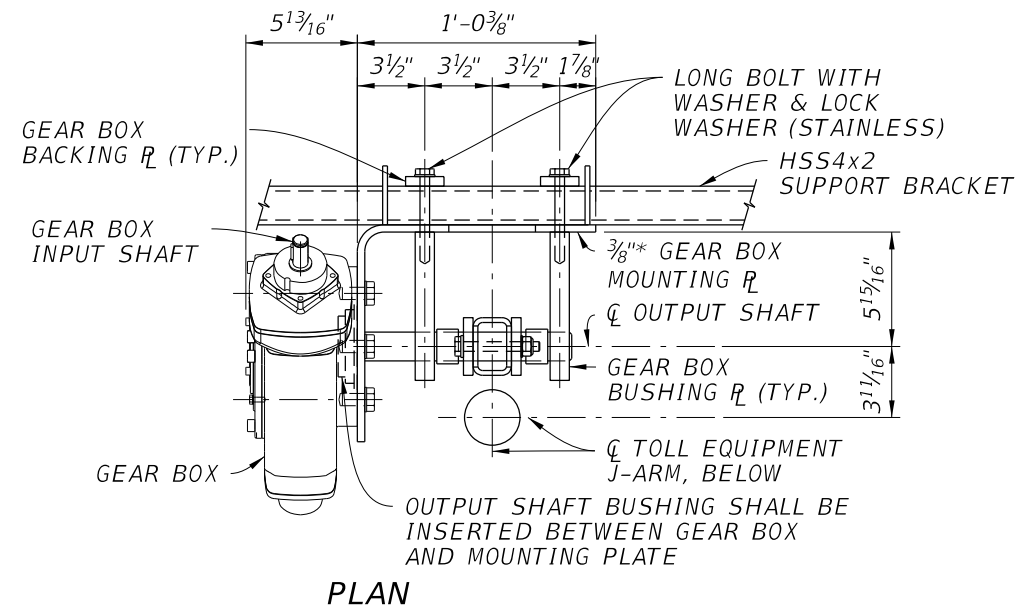
NOT TO SCALE

GEAR BOX DETAILS (1 OF 3)

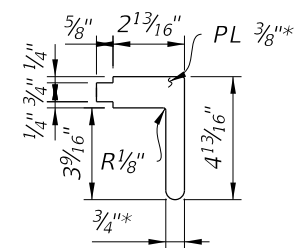


NOT TO SCALE

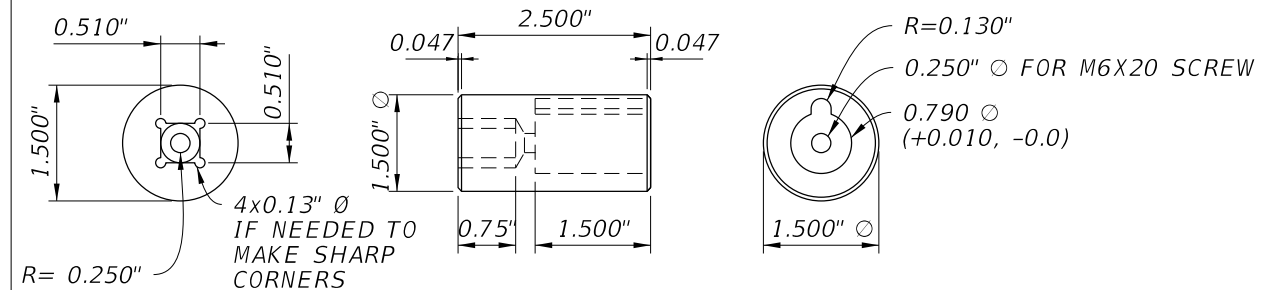
GEAR BOX DETAILS (2 OF 3)



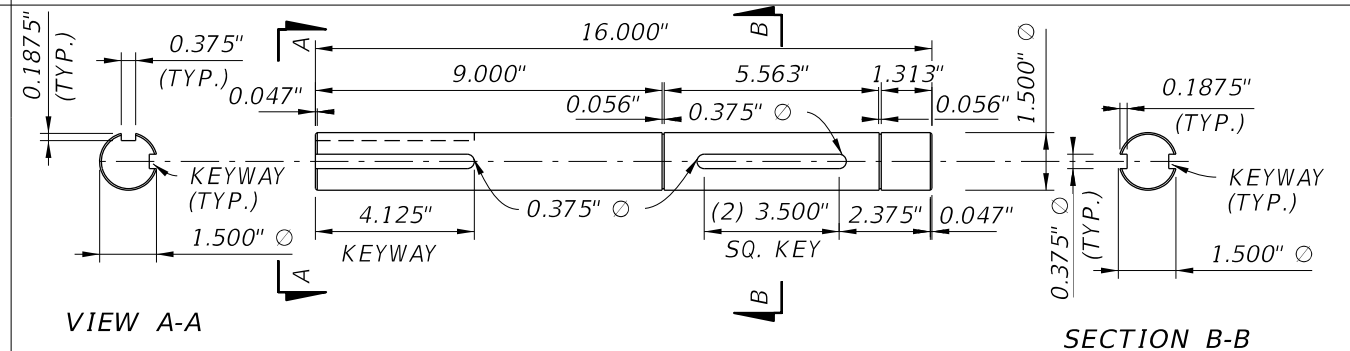
GEAR BOX OUTPUT SHAFT BUSHING
(Gear Box Output Shaft Bushing Shall Be HDPE)



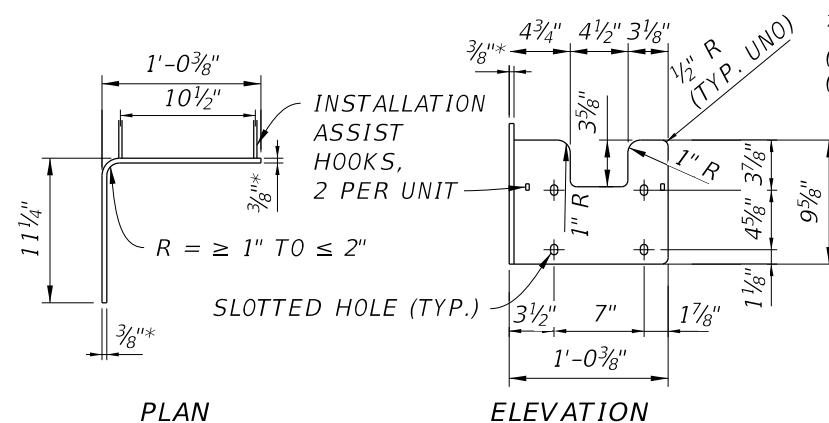
**INSTALLATION
ASSIST HOOKS**
(2) Per Unit)



GEAR BOX INPUT ADAPTER
(Gear Box Input Adapter Shall Be Brass)



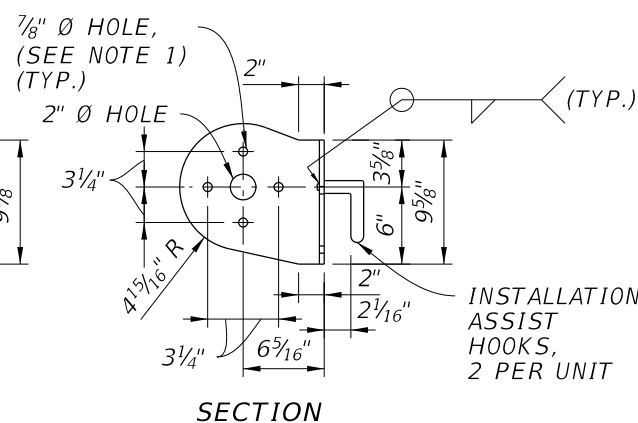
GEAR BOX OUTPUT SHAFT
(Gear Box Output Shaft Shall Be 304 Stainless Steel)



(Mirror About Vertical For
Mounting To Opposite Hand)

GEAR BOX MOUNTING PLATE

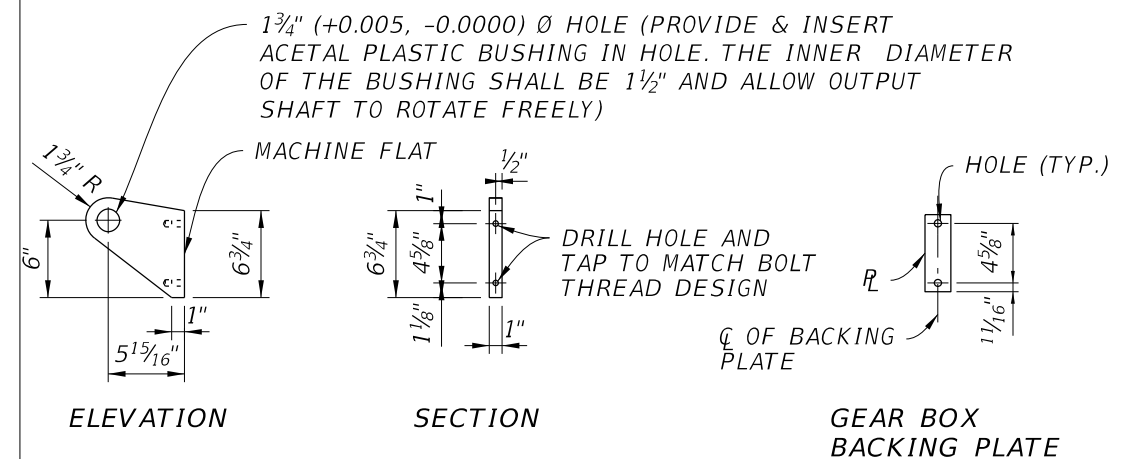
(RL Orientation Shown, LR Orientation Similar But Opposite Hand)
(Gear Box Mounting Plates Shall Be 6061-T6 Aluminum)



NOTE:

* INDICATES MIN. DIMENSION.

1. PROVIDE (1) SPARE LR
GEARBOX AND (1) SPARE RL
GEARBOX PER GANTRY.



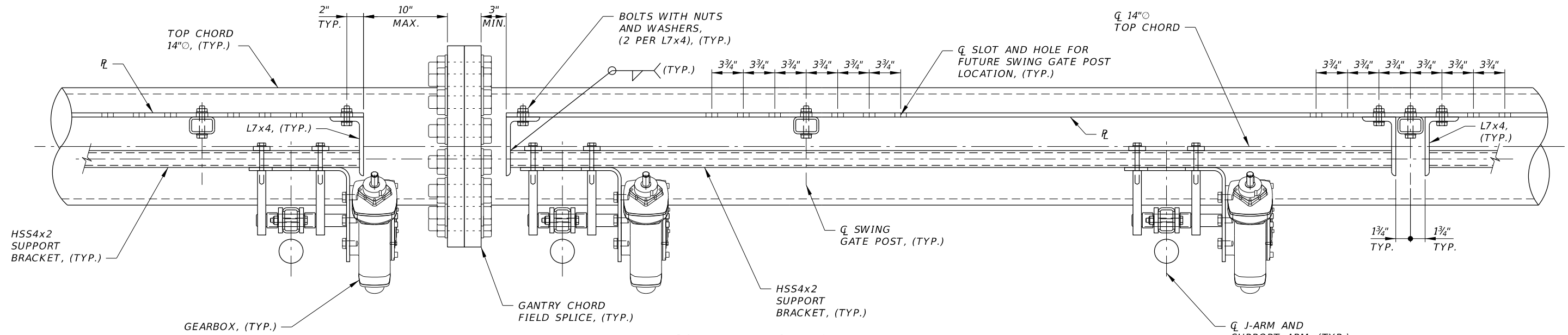
GEAR BOX BUSHING PLATE

(Gear Box Bushing Plates Shall Be 6061-T6 Aluminum)

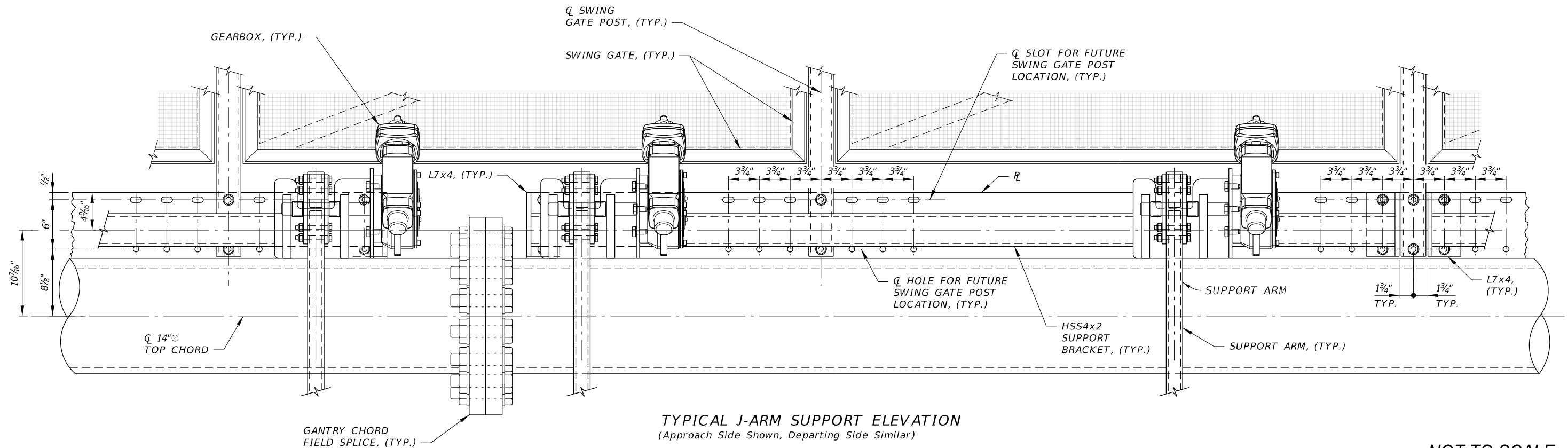
NOT TO SCALE

EXHIBIT 284-58
01/01/2027

GEAR BOX DETAILS (3 OF 3)



TYPICAL J-ARM SUPPORT PLAN
(Approach Side Shown, Departing Side Similar)



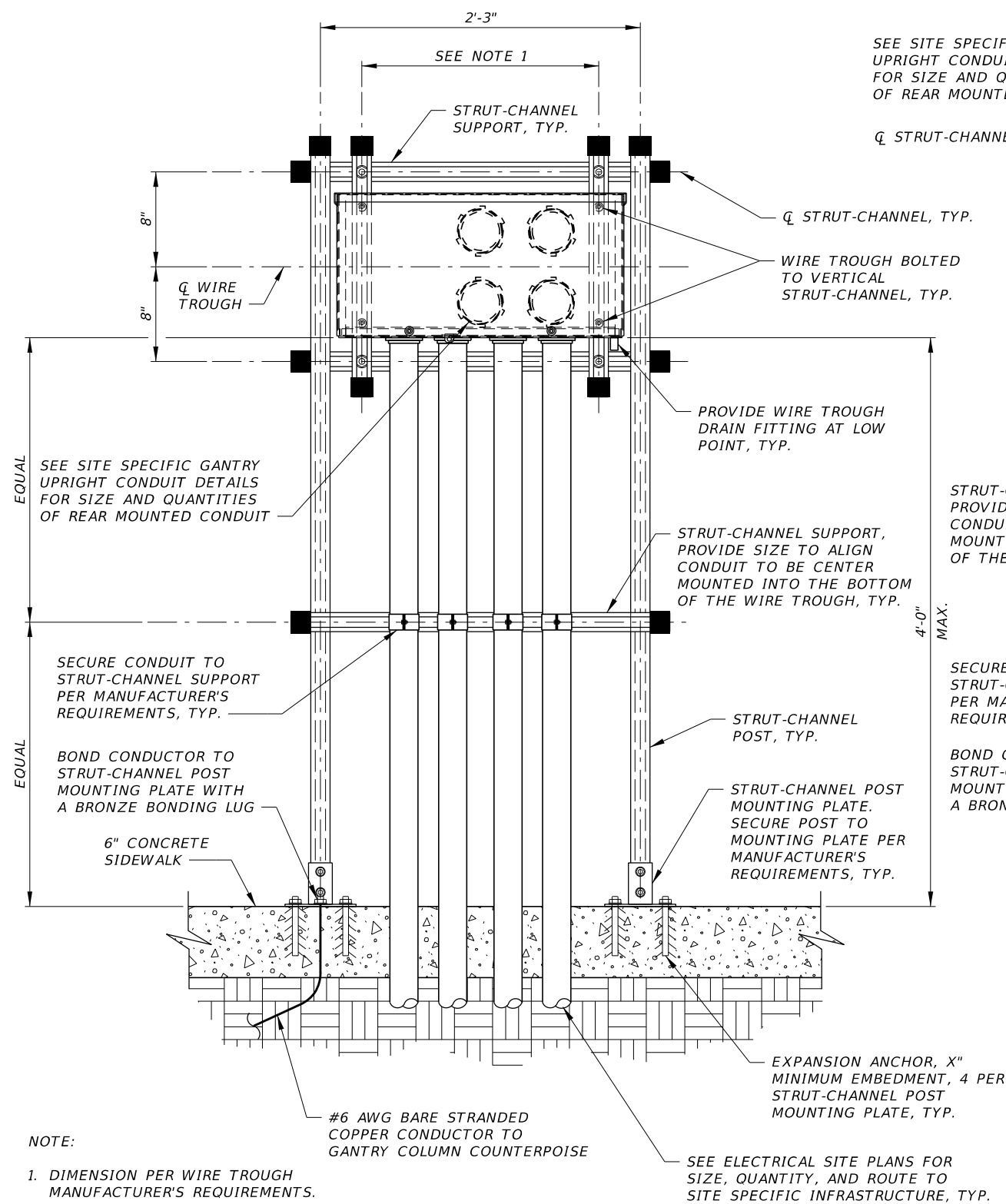
TYPICAL J-ARM SUPPORT ELEVATION
(Approach Side Shown, Departing Side Similar)

NOT TO SCALE

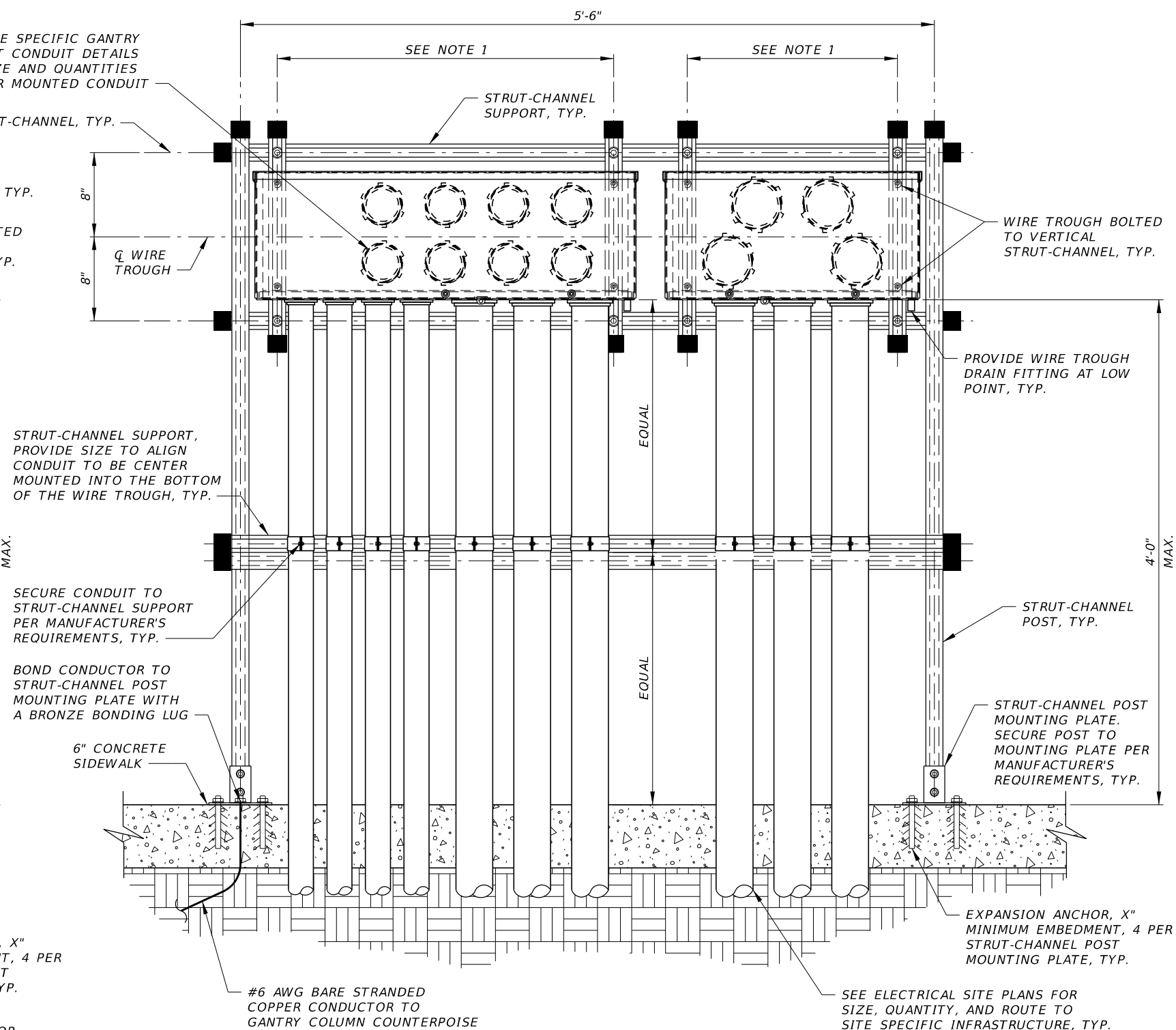
EXHIBIT 284-59

01/01/2027

WIRE TROUGH



WIRE TROUGH ELEVATION



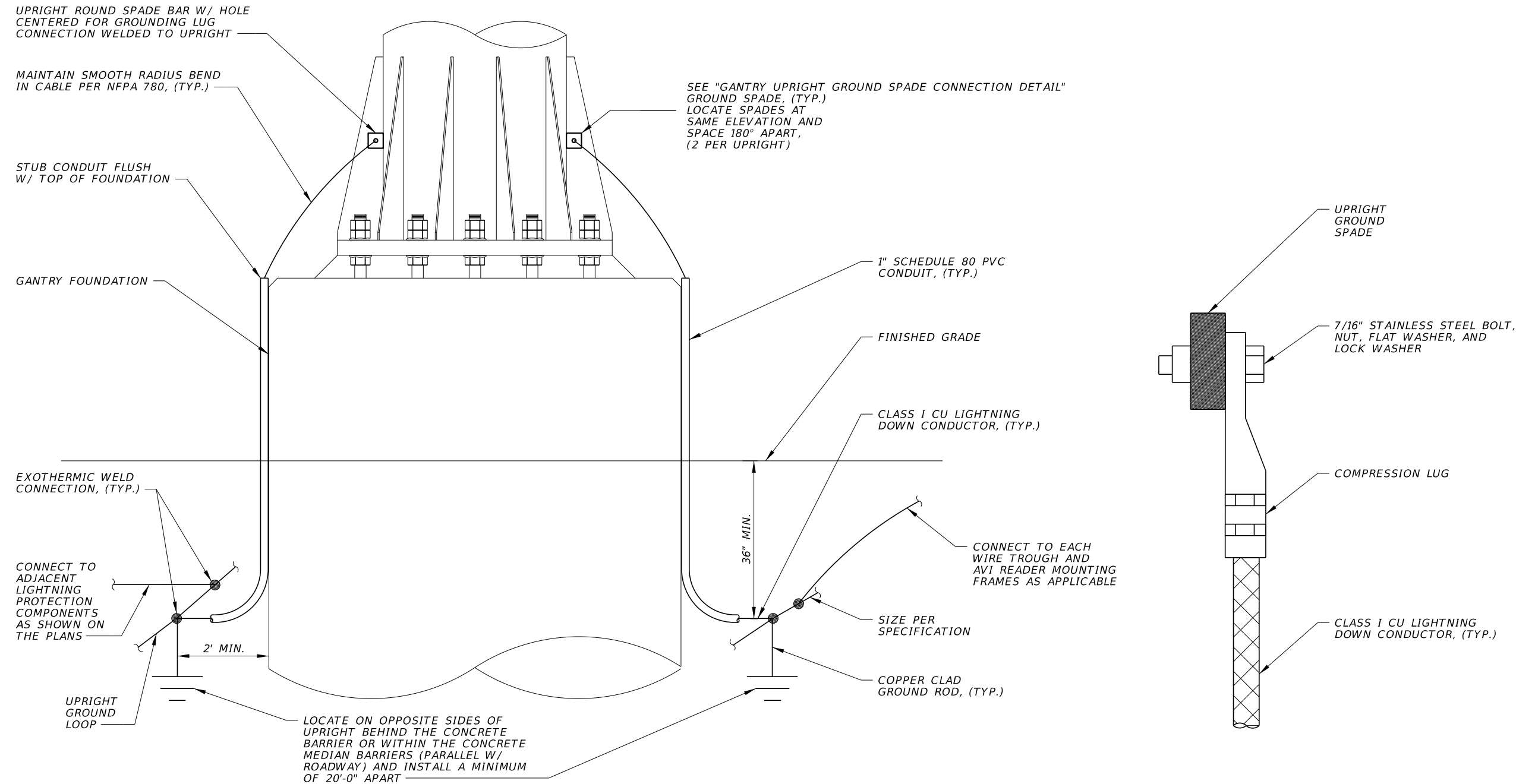
WIRE TROUGH ELEVATION - DUAL MOVEMENT RTC DETACHED TOLL SITE

NOT TO SCALE

EXHIBIT 284-60

01/01/2027

GANTRY UPRIGHT LIGHTNING PROTECTION DETAIL

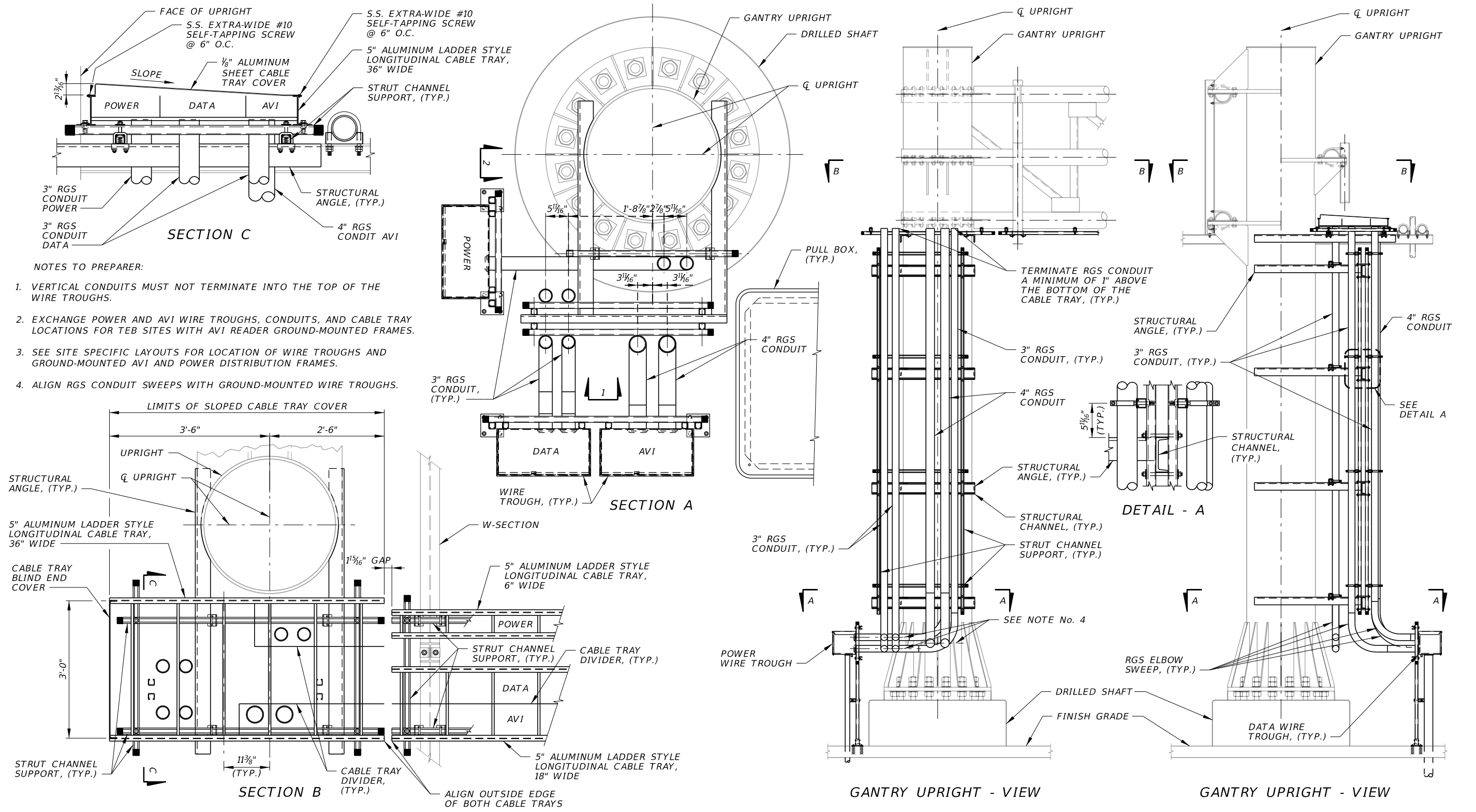


TYPICAL GANTRY UPRIGHT LIGHTNING PROTECTION DETAIL

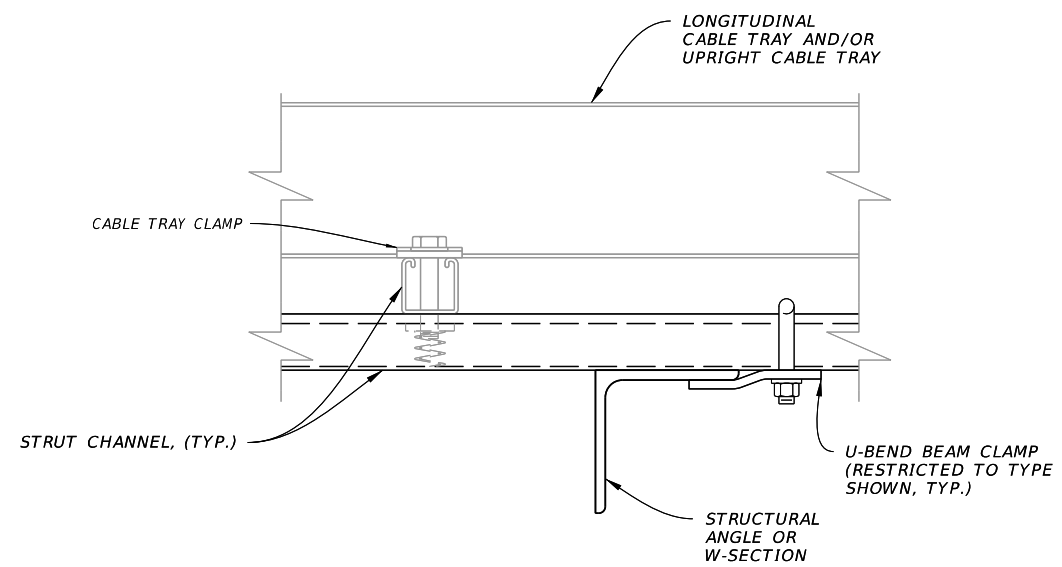
GANTRY UPRIGHT GROUND SPADE CONNECTION DETAIL

NOT TO SCALE

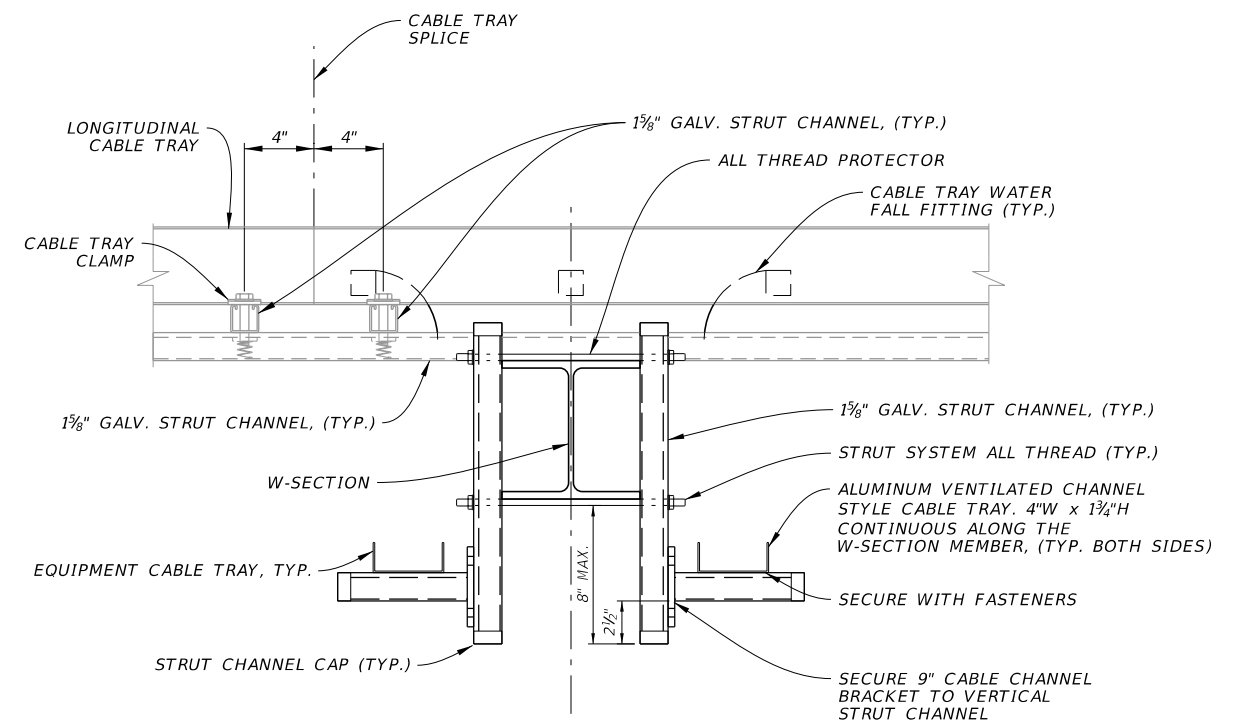
CANTILEVER UPRIGHT CONDUIT LAYOUT



TOLL EQUIPMENT CABLE TRAY



DETAIL AT UPRIGHT



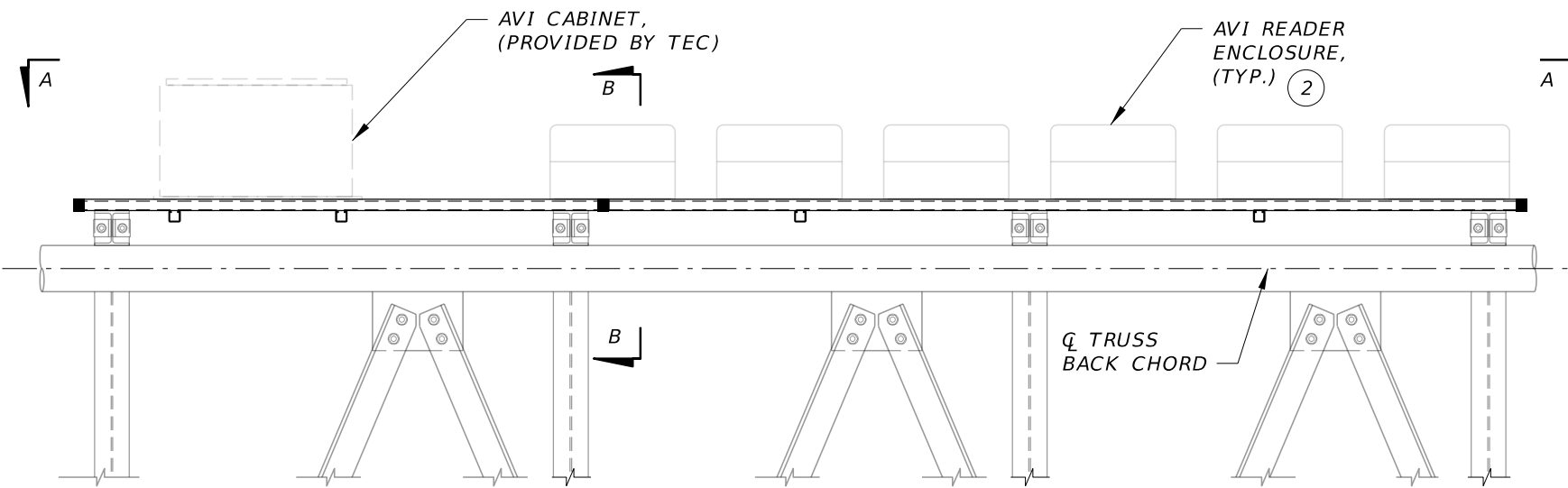
DETAIL AT W-SECTION

NOT TO SCALE

EXHIBIT 284-64

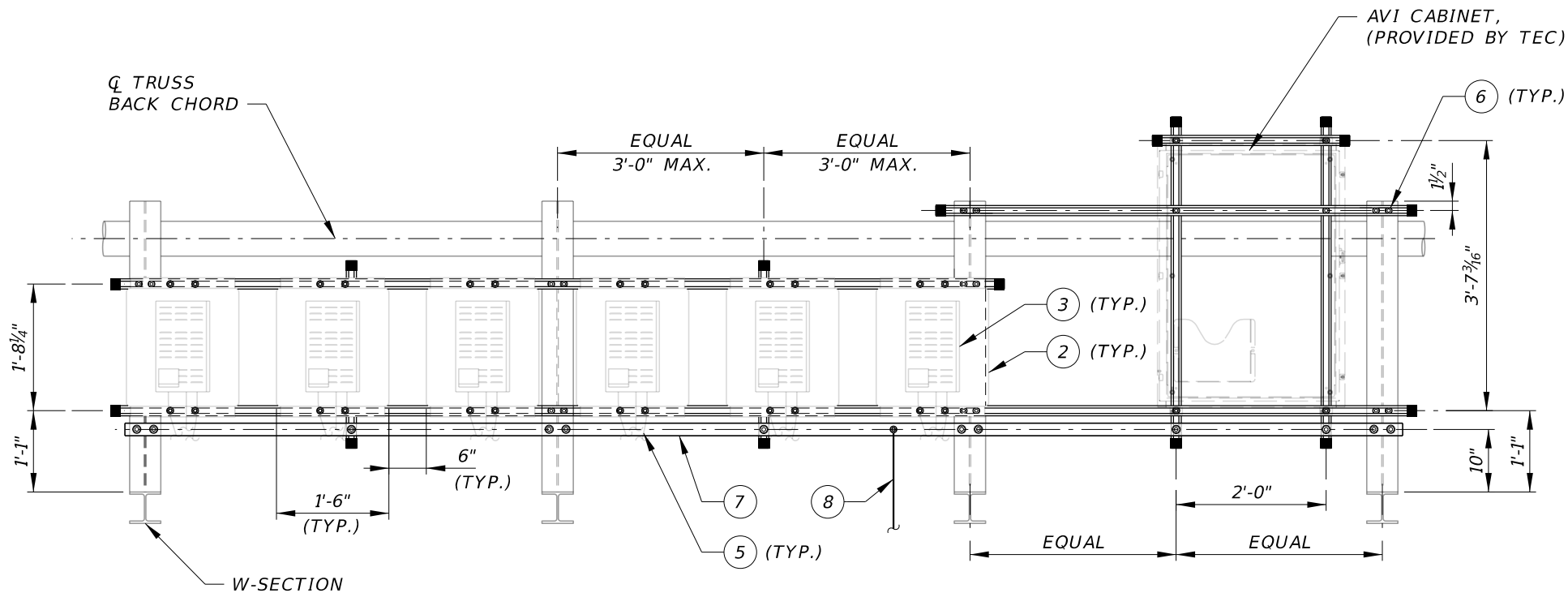
01/01/2027

AVI READER NON-ACCESSIBLE GANTRY MOUNTING DETAIL

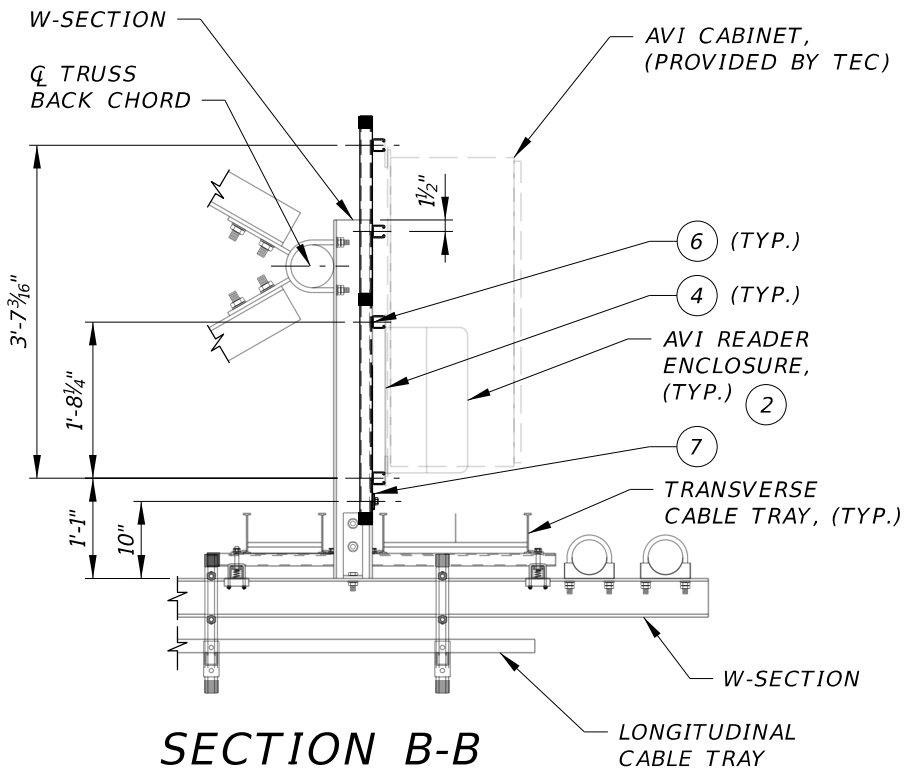


AVI READER MOUNTING PLAN

- NOTES:
- ① ONE AVI READER IS REQUIRED FOR EACH TOLL EQUIPMENT ANTENNA. EACH GANTRY MOUNTED AVI READER MUST HAVE AN AVI READER ENCLOSURE WITH ASSOCIATED MOUNTING HARDWARE.
 - ② AVI READER ENCLOSURE, (PROVIDED AND INSTALLED BY TEC)
 - ③ AVI READER, (PROVIDED BY TURNPIKE TOLL SYSTEMS)
 - ④ AVI READER ENCLOSURE MOUNTING PLATE, (PROVIDED AND INSTALLED BY TEC)
 - ⑤ AVI READER CABLES, (PROVIDED AND INSTALLED BY TEC)
 - ⑥ FASTEN STRUT CHANNEL TO SUPPORTS WITH MANUFACTURER'S APPROVED HARDWARE.
 - ⑦ FASTEN 1/4" THICK, 2" HIGH COPPER GROUND BUS BAR BELOW AVI READERS AND DIRECTLY TO W-SECTION. PROVIDE LENGTH AS REQUIRED AND SUPPORTED A MAXIMUM OF EVERY 36 INCHES.
 - ⑧ PROVIDE (1) #X GROUNDING CONDUCTOR AND CONNECT TO THE EQUIPMENT GROUNDING CONDUCTOR WITHIN THE POWER WIREWAY.



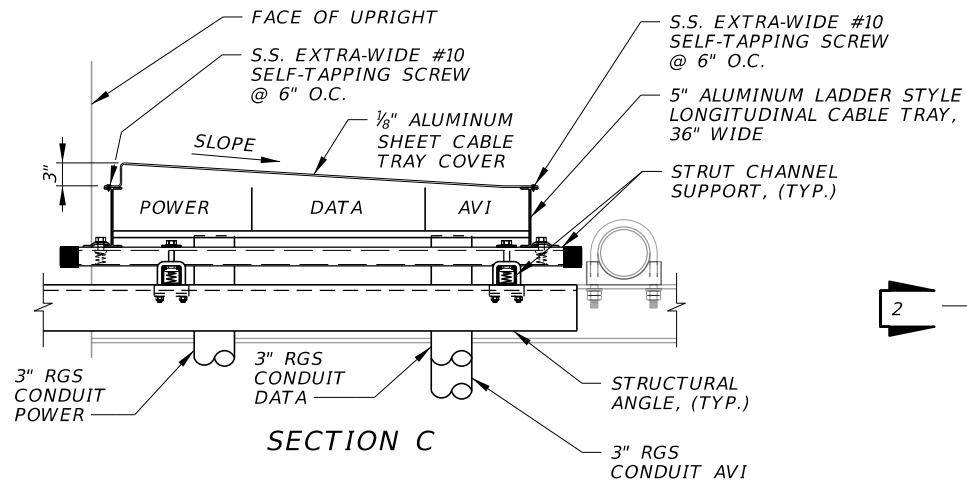
ELEVATION A-A



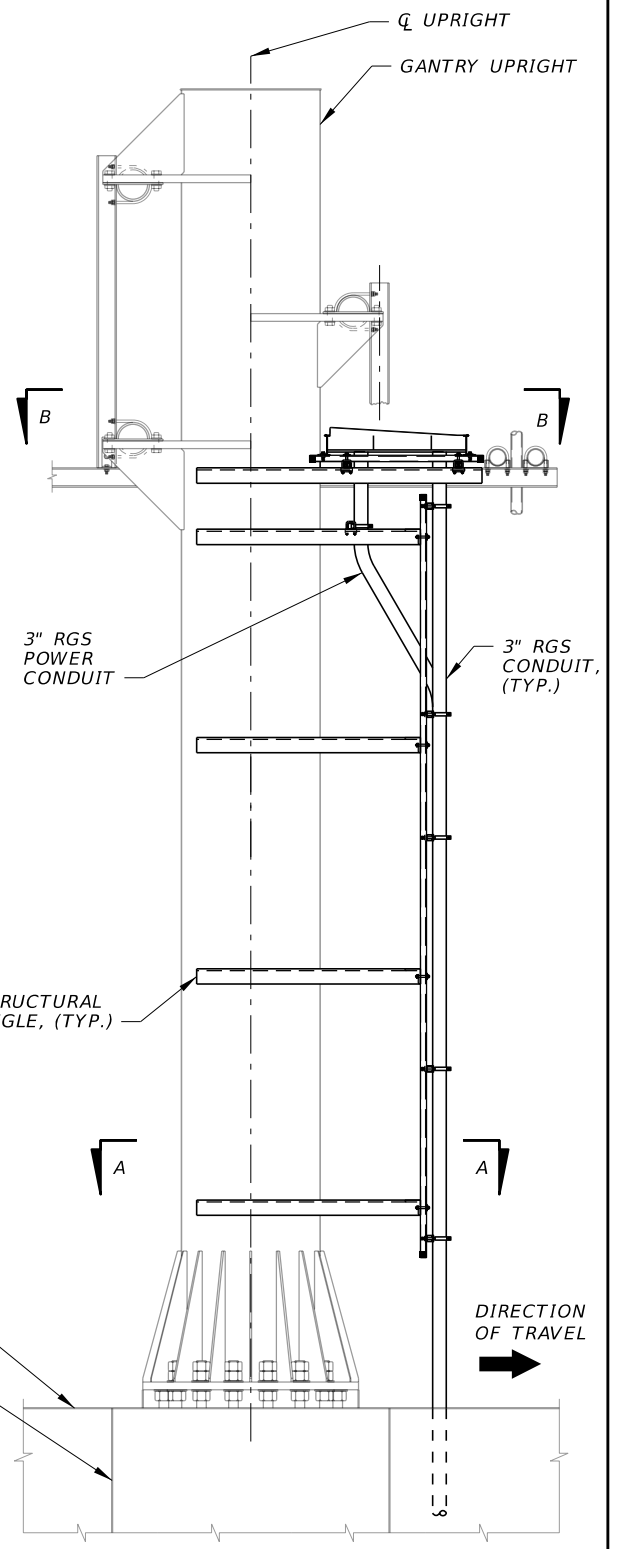
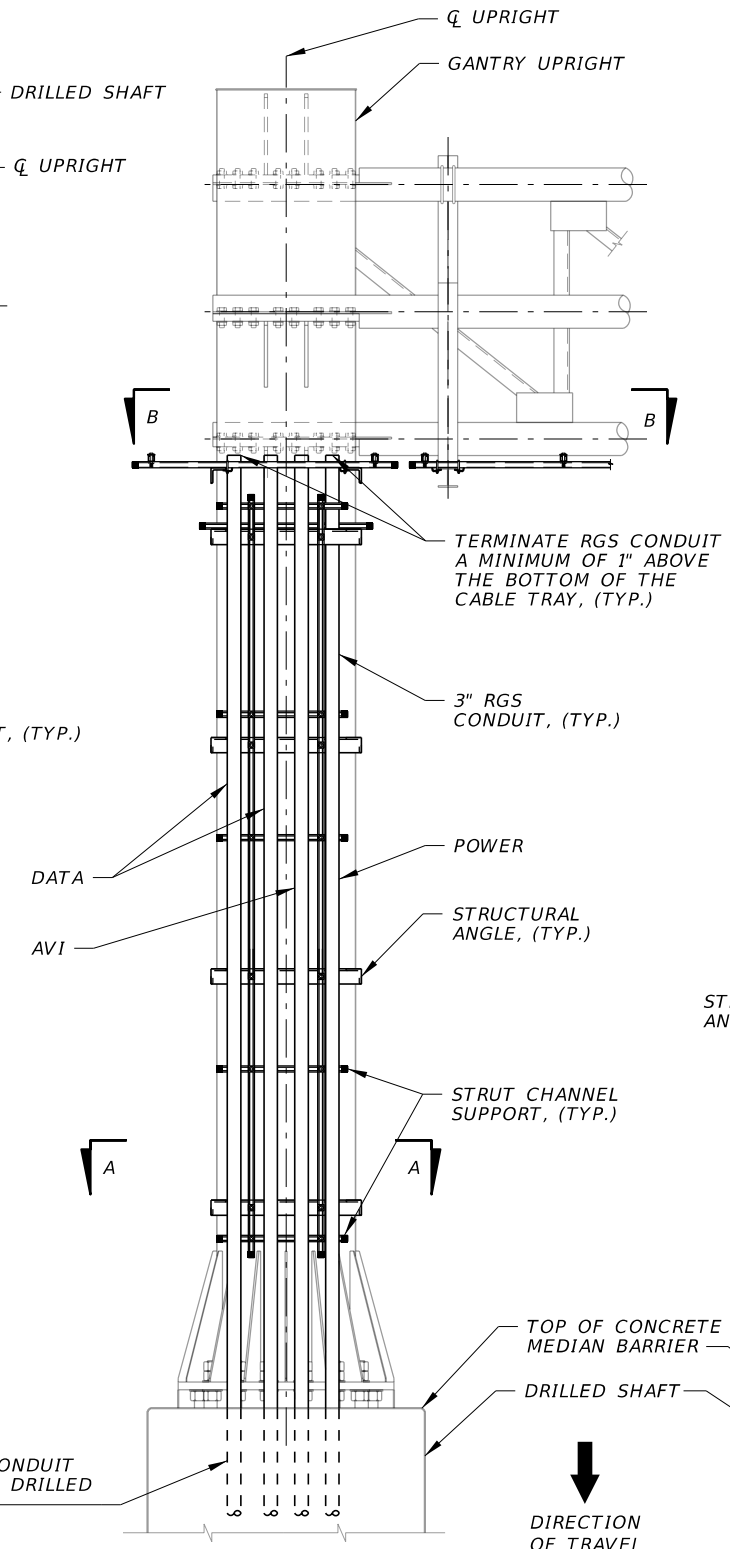
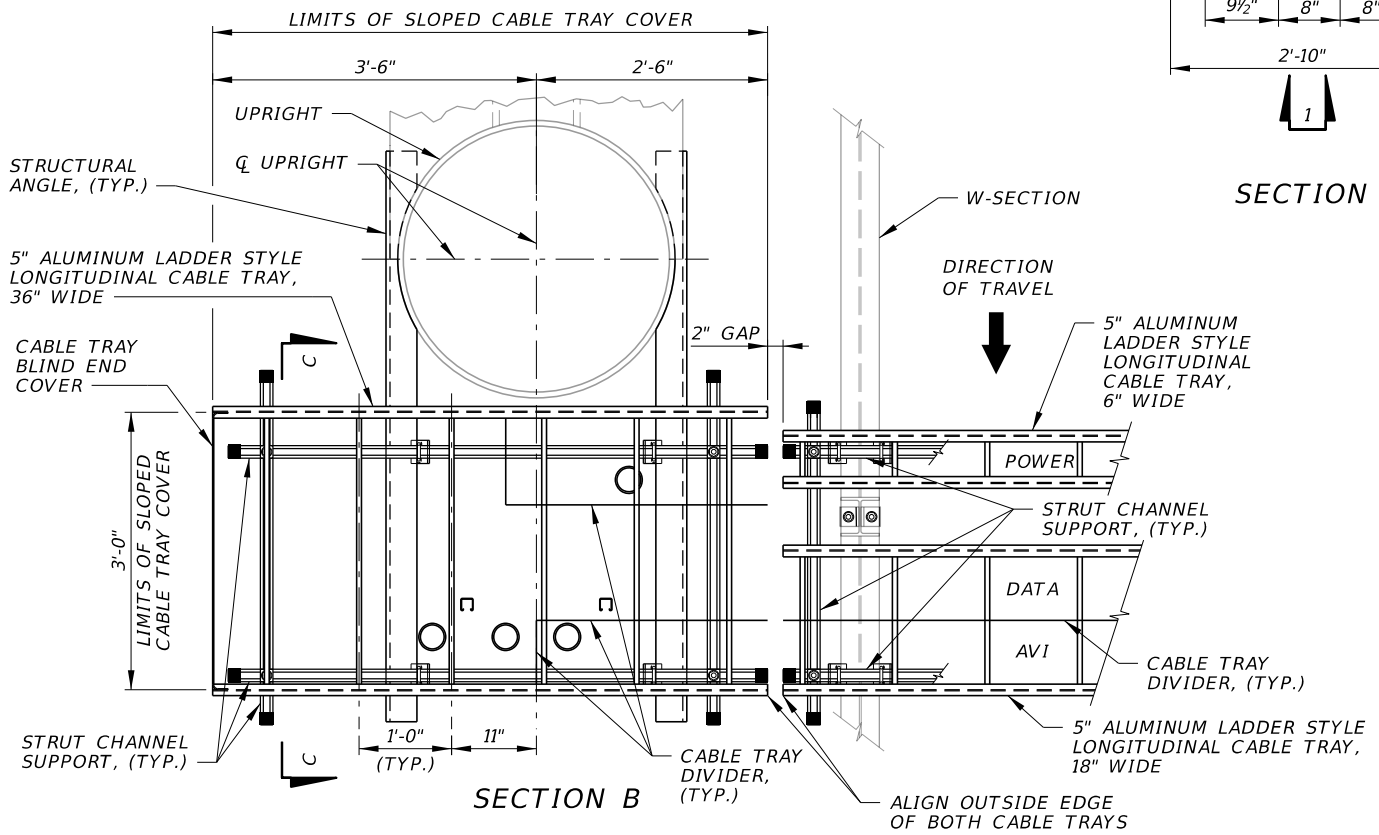
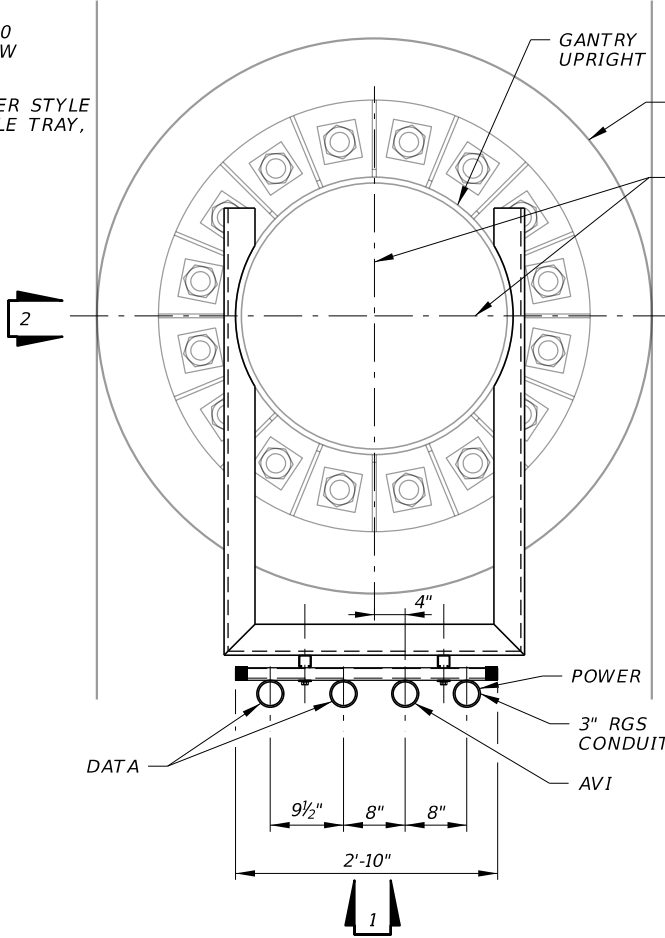
SECTION B-B

NOT TO SCALE

CANTILEVER GANTRY UPRIGHT CONDUIT LAYOUT

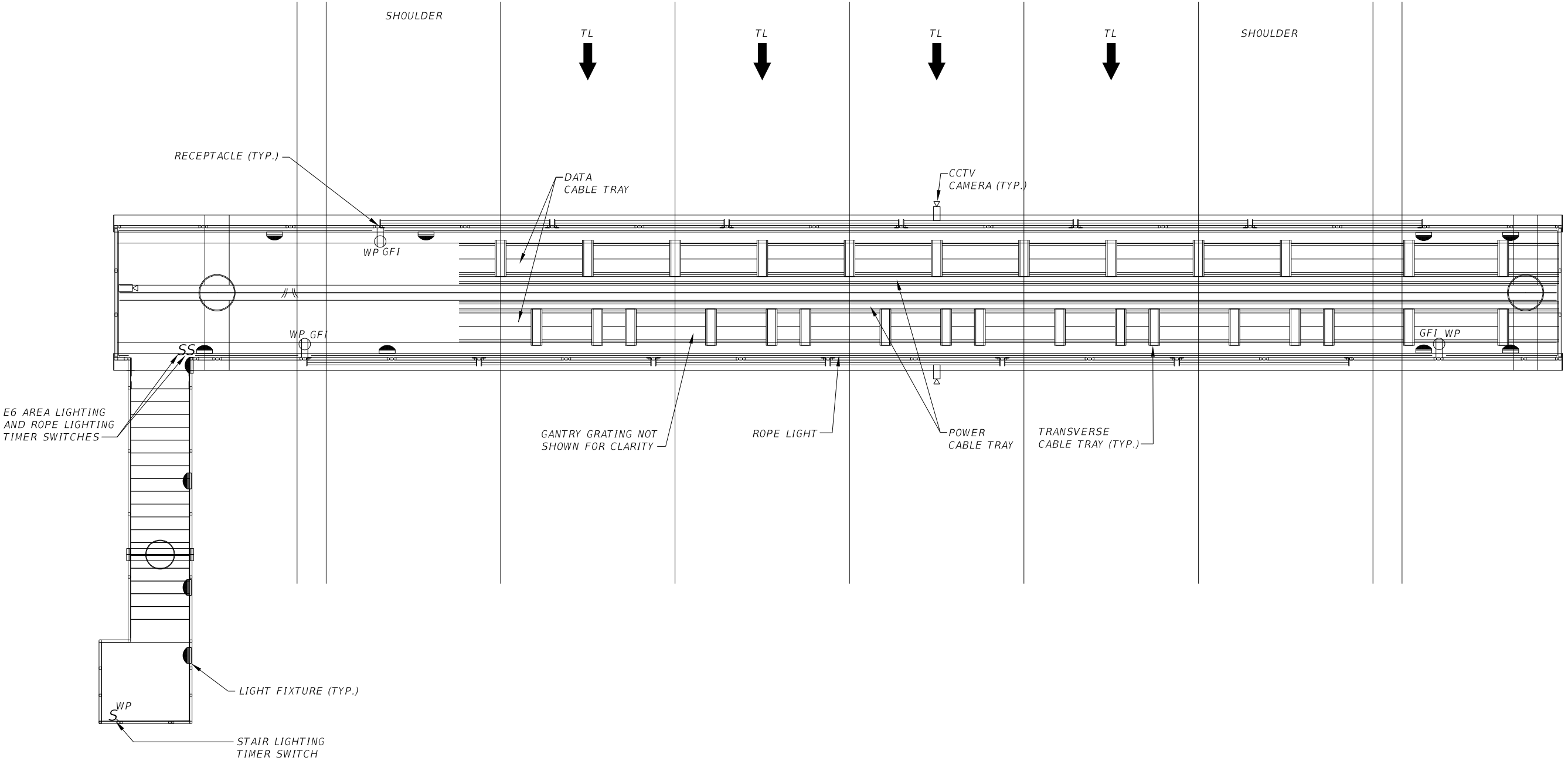


- NOTES:
1. STRUT CHANNEL AND MOUNTING HARDWARE SHALL BE DEBURRED AND FILED SMOOTH TO REMOVE ROUGH EDGES PRIOR TO INSTALLATION.
 2. PROVIDE PLASTIC END CAPS FOR STRUT CHANNEL SUPPORTS. STRUT CHANNEL AND END CAPS SHALL BE PROVIDED BY THE SAME MANUFACTURER.
 3. PROVIDE REQUIRED FITTINGS, BUSHINGS, MOUNTING HARDWARE, AND ACCESSORIES TO PROVIDE A COMPLETE RACEWAY SYSTEM.
 4. STRUT CHANNEL LENGTHS EQUAL TO OR LESS THAN 20 FEET SHALL BE CONTINUOUS AND WITHOUT SPLICES.



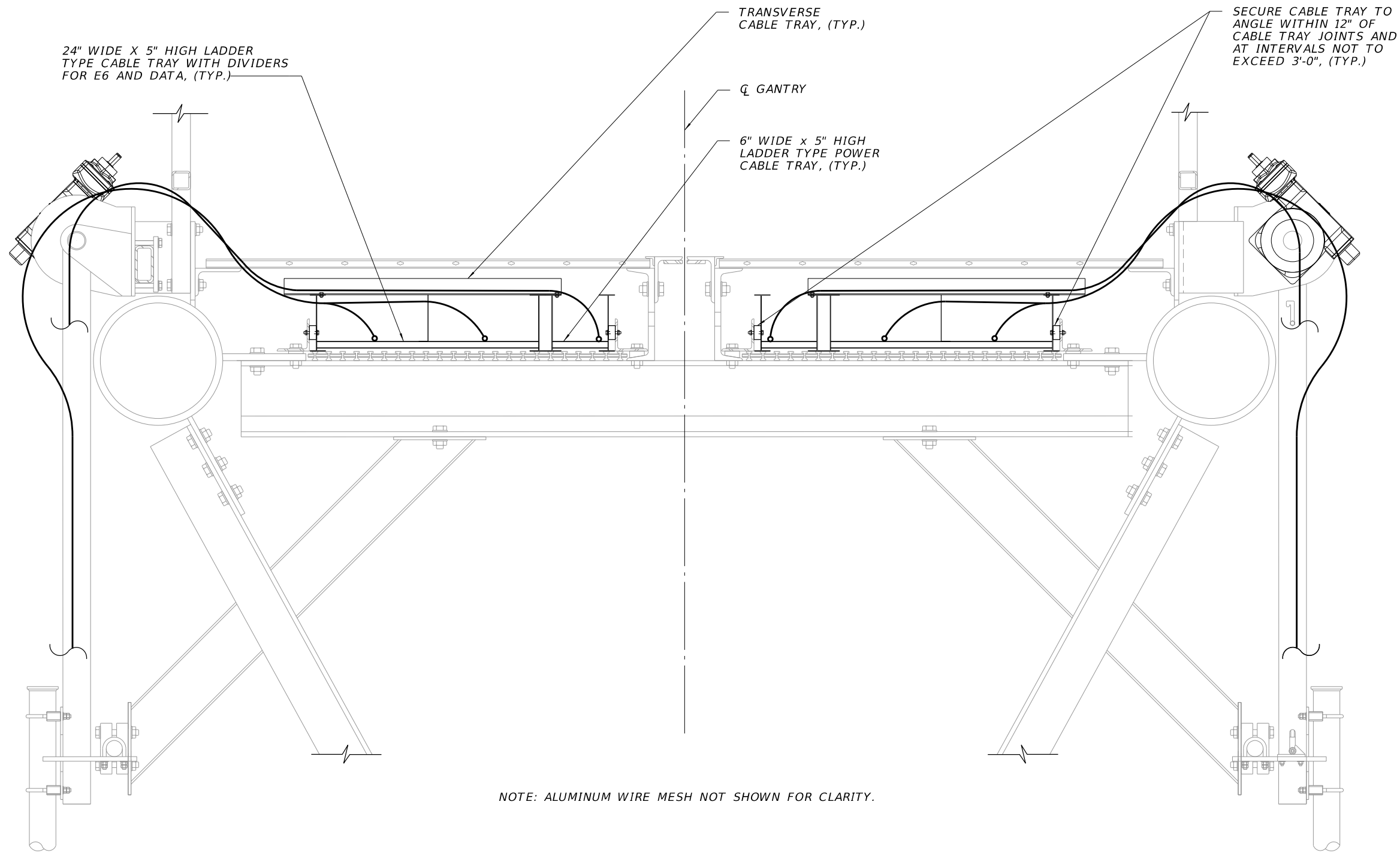
NOT TO SCALE

ACCESSIBLE GANTRY ELECTRICAL PLAN



NOT TO SCALE

ACCESSIBLE GANTRY CABLE TRAY LAYOUT

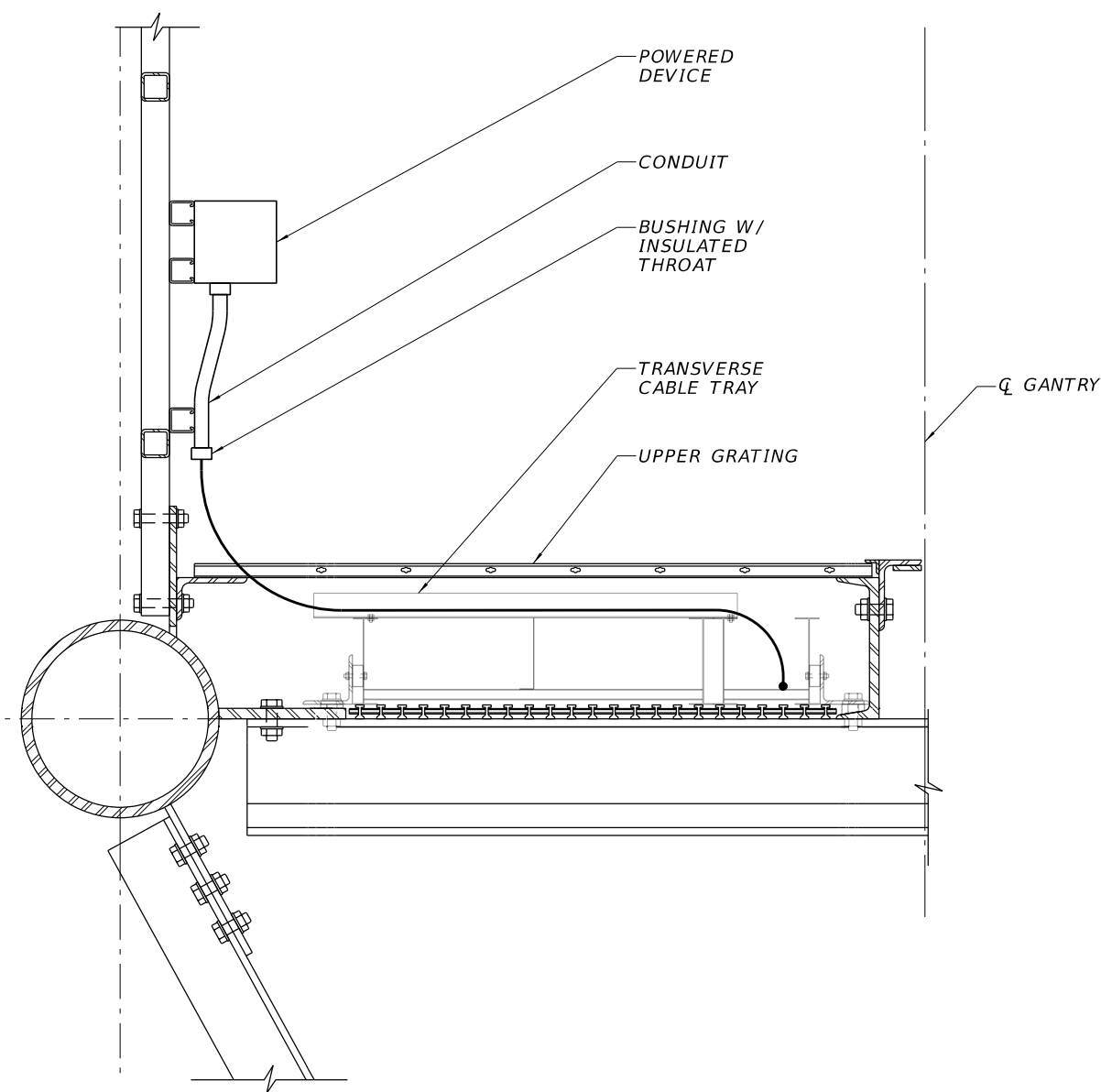


NOT TO SCALE

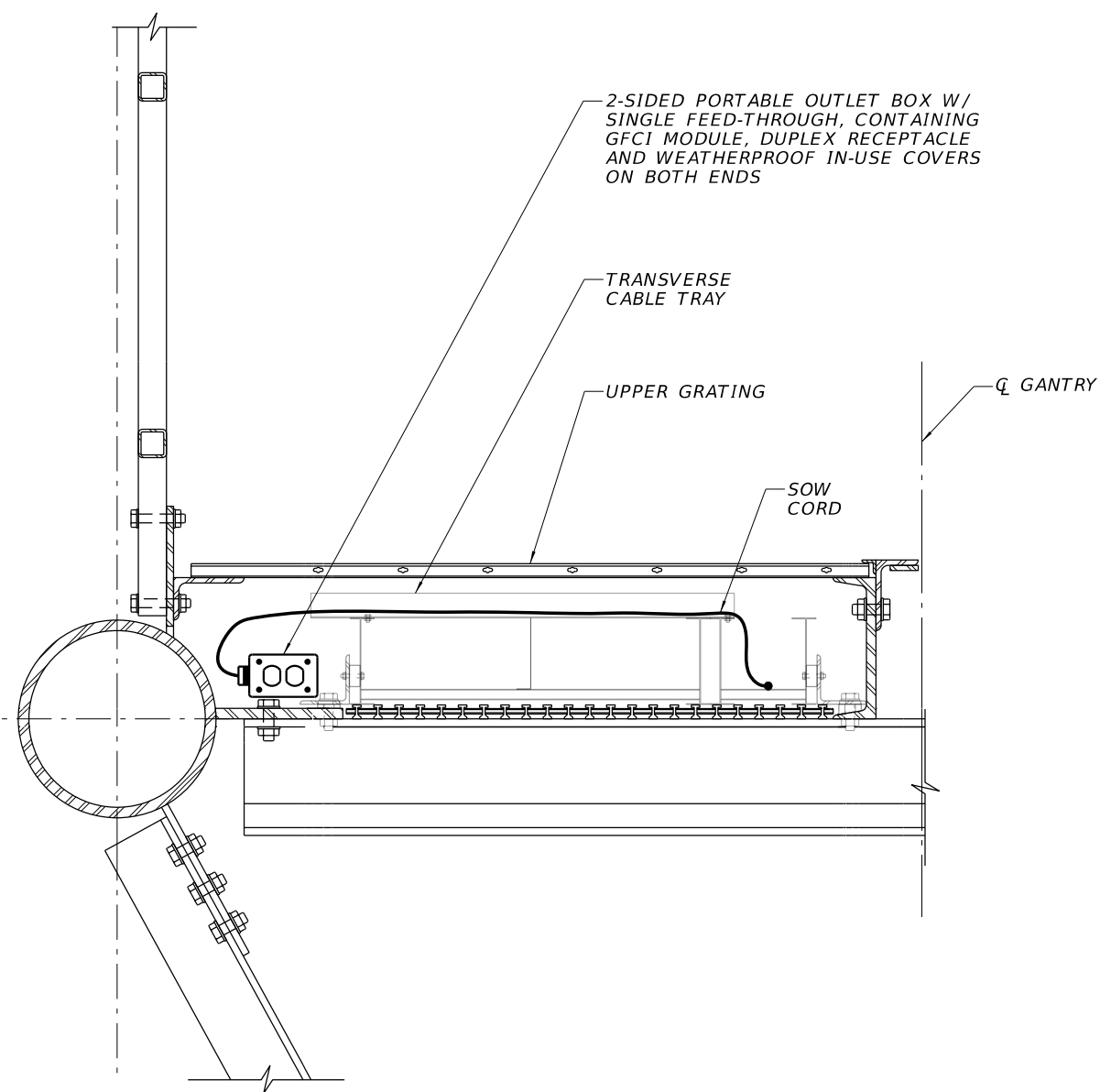
EXHIBIT 284-68

01/01/2027

ACCESSIBLE GANTRY TRANSVERSE CABLE TRAY



AREAS WITH FIXED SWING GATES



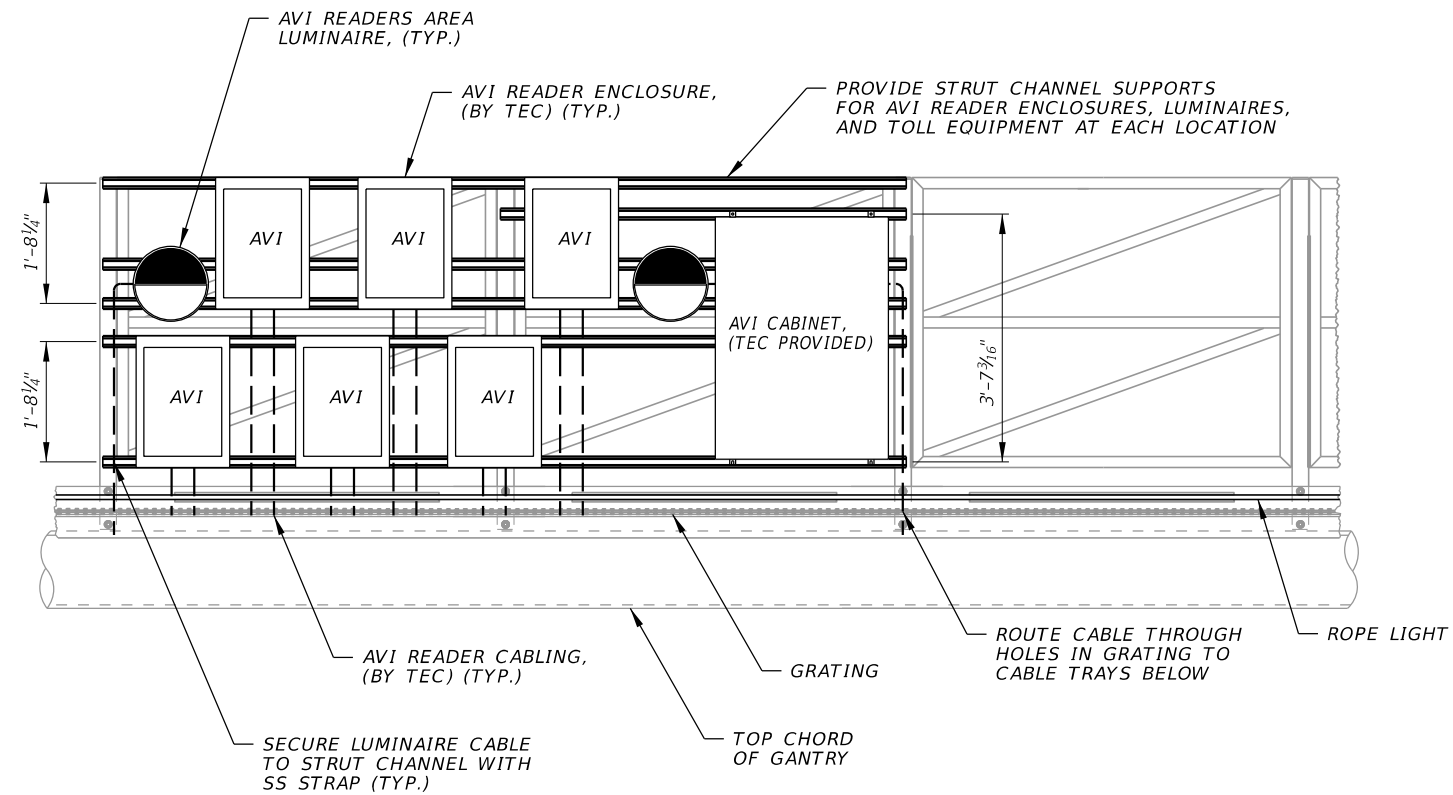
AREAS WITH NON-FIXED SWING GATES

NOTE: ALUMINUM WIRE MESH NOT SHOWN FOR CLARITY.

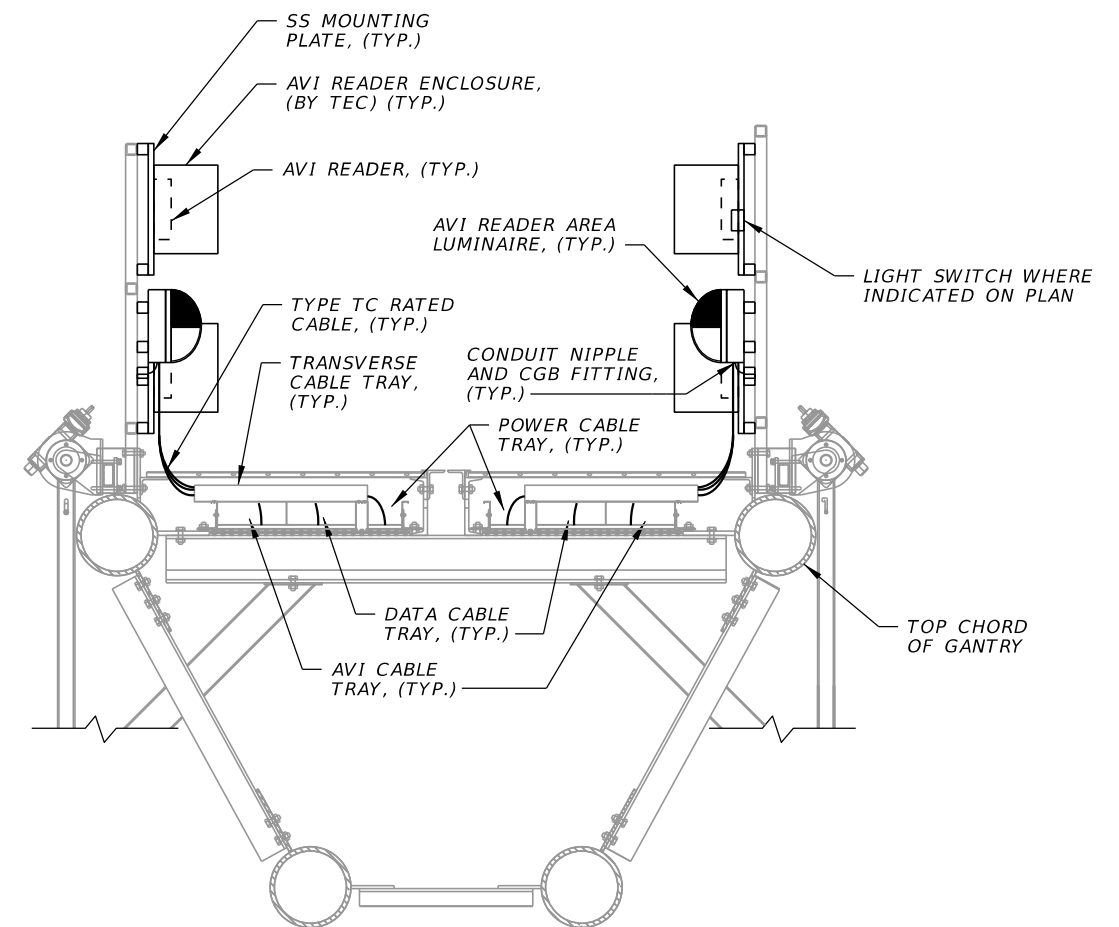
NOT TO SCALE

EXHIBIT 284-69
01/01/2027

ACCESSIBLE GANTRY AVI READER ENCLOSURE LAYOUT



TYPICAL AVI READER MOUNTING ELEVATION



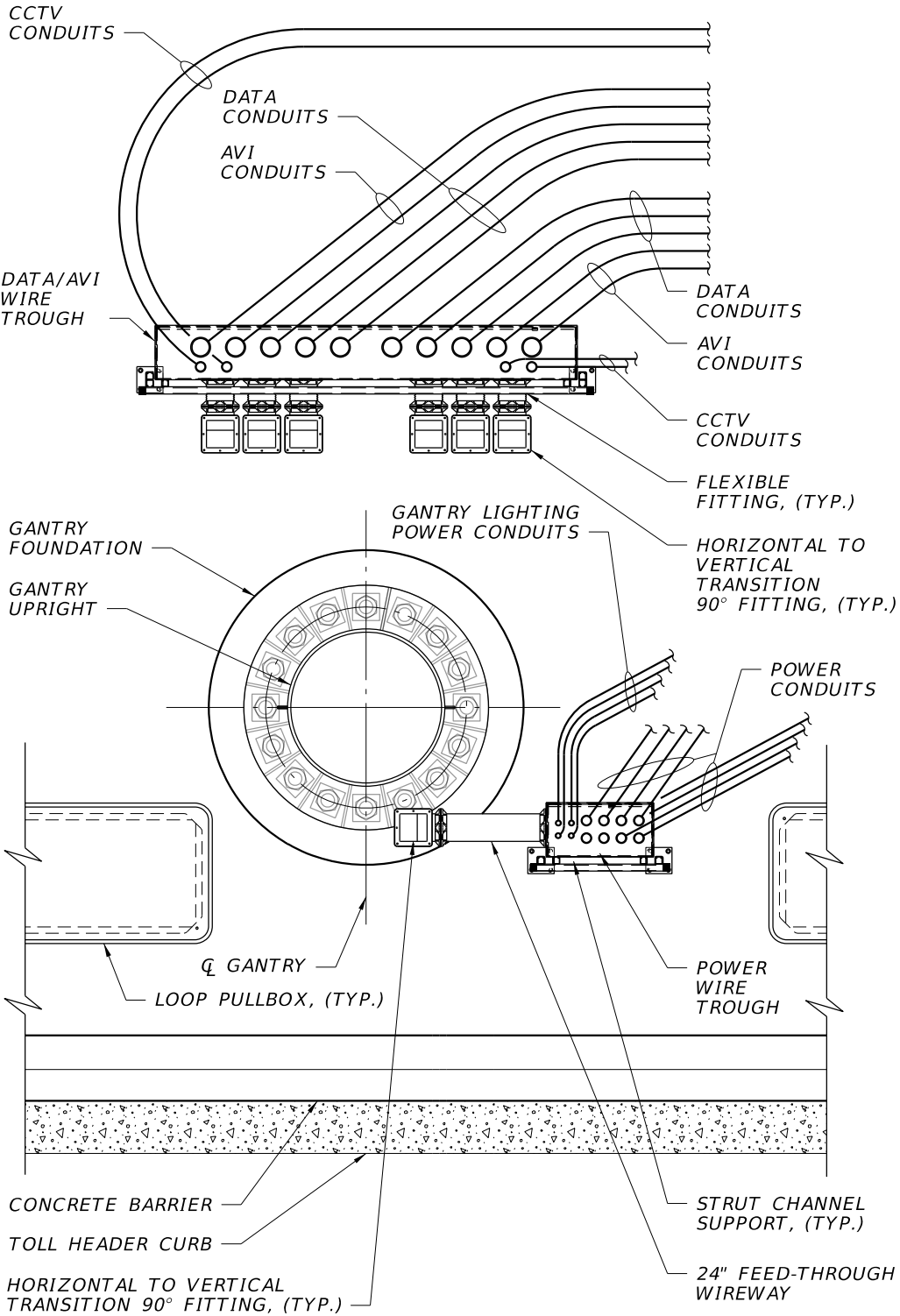
TYPICAL AVI READER MOUNTING SECTION

NOT TO SCALE

EXHIBIT 284-70

01/01/2027

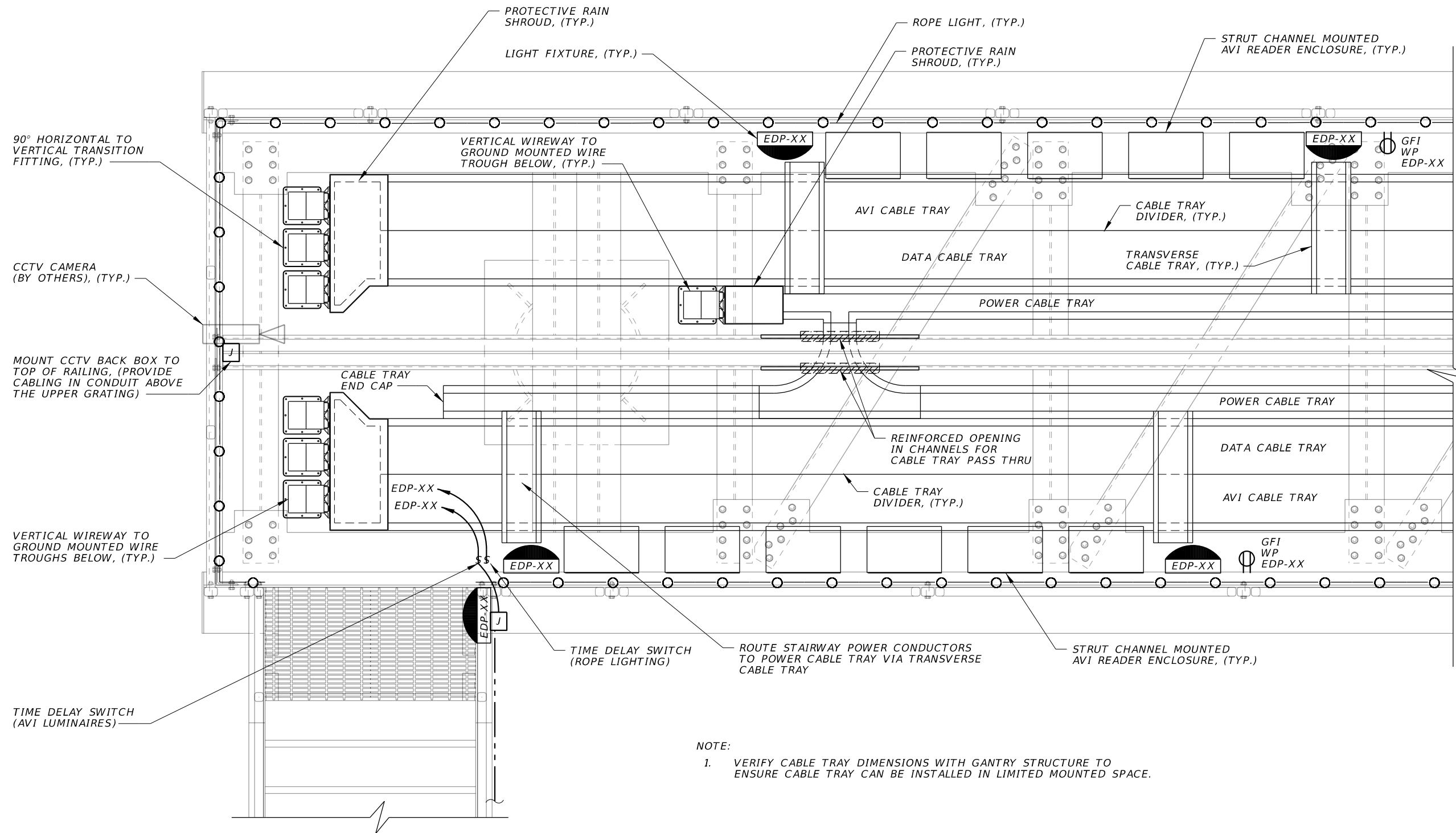
ACCESSIBLE GANTRY TYPICAL WIRE TROUGH LAYOUT



AT GROUND LEVEL

NOT TO SCALE

ACCESSIBLE GANTRY TYPICAL ELECTRICAL LAYOUT

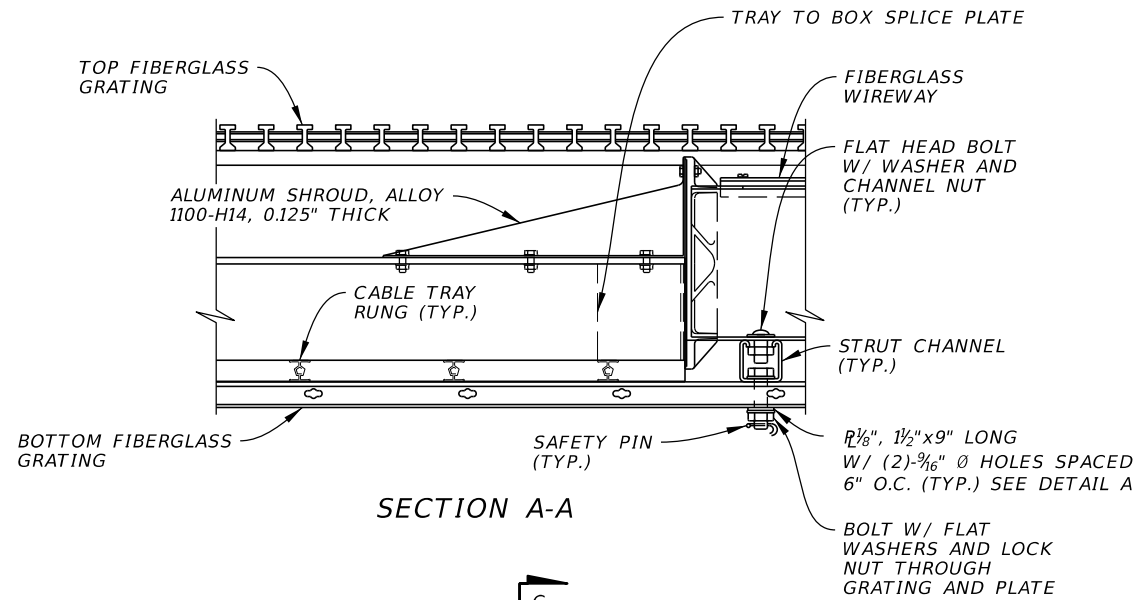


NOT TO SCALE

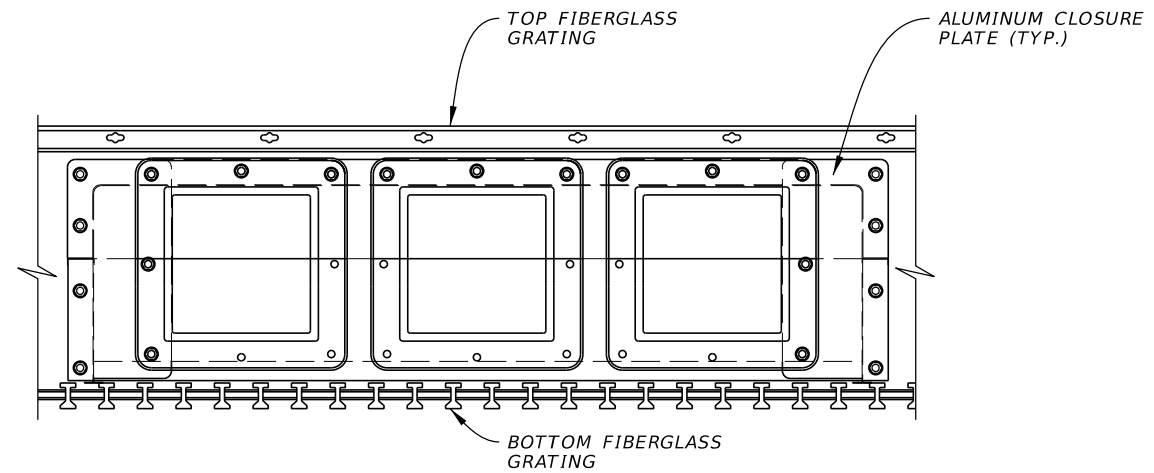
EXHIBIT 284-72

01/01/2027

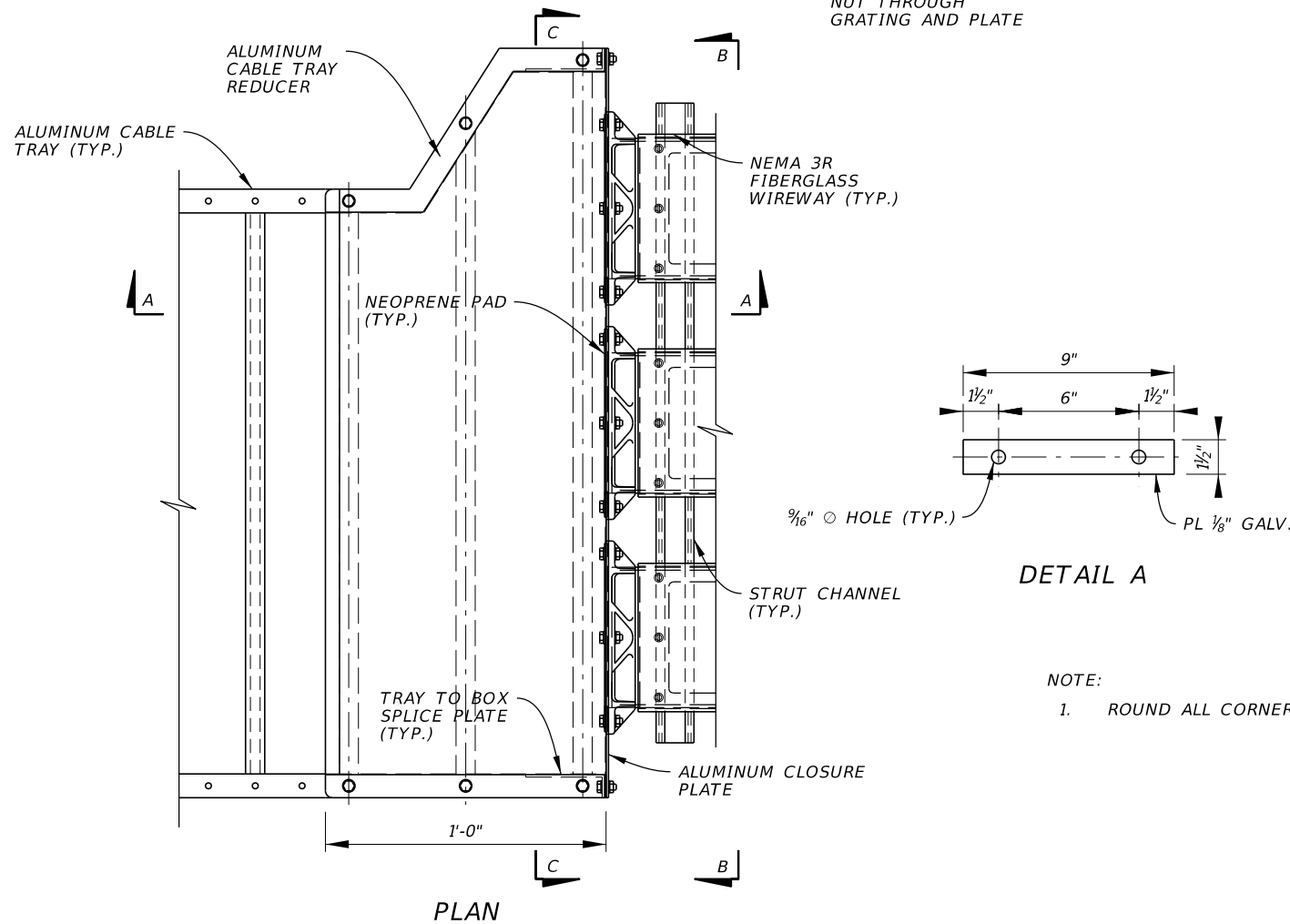
ACCESSIBLE GANTRY TYPICAL WIREWAY TO CABLE TRAY DETAIL



SECTION A-A



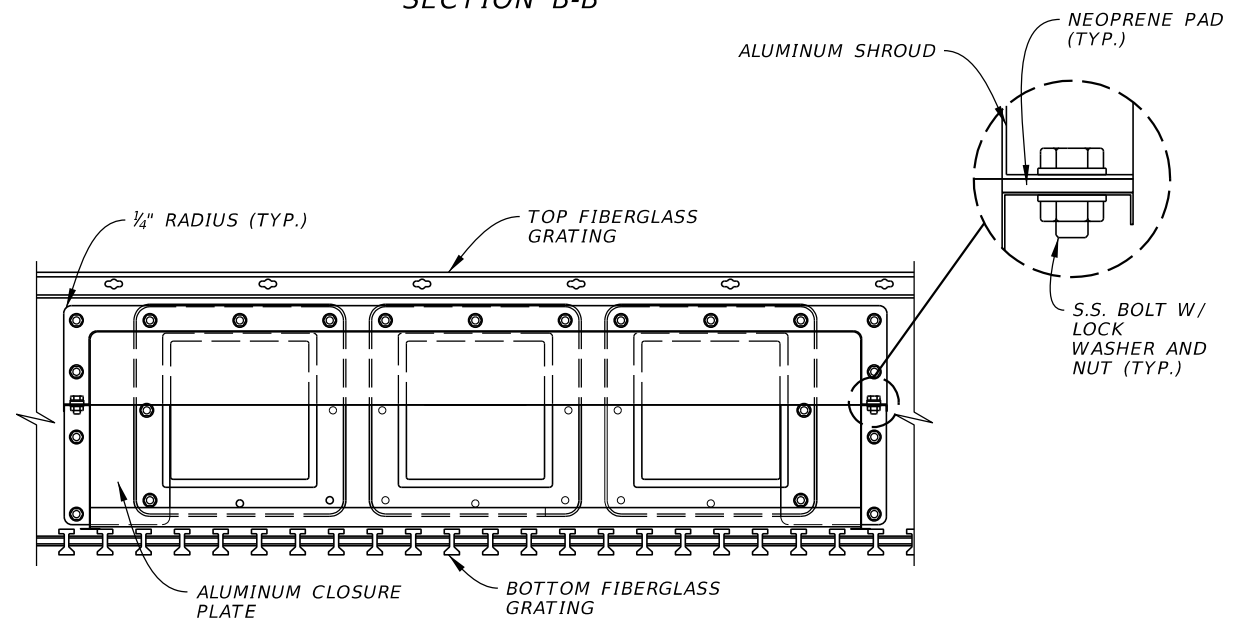
SECTION B-B



DETAIL A

NOTE:

1. ROUND ALL CORNERS OF ALUMINUM SHROUD WITH MINIMUM $\frac{1}{4}"$ RADII.



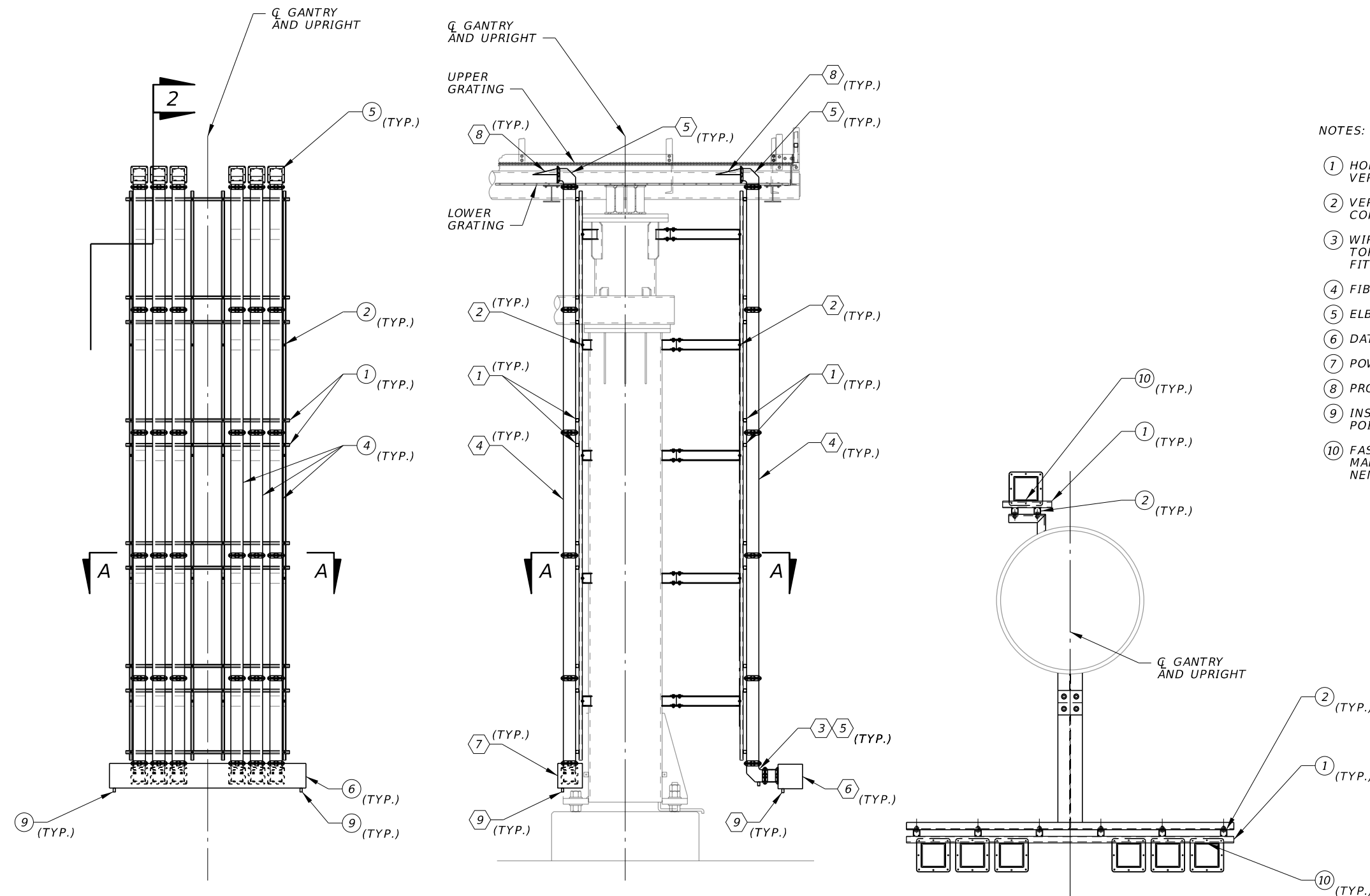
SECTION C-C

NOT TO SCALE

EXHIBIT 284-73

01/01/2027

ACCESSIBLE GANTRY UPRIGHT ELECTRICAL WIREWAY DETAILS



NOTES:

- ① HORIZONTAL STRUT CHANNEL SUPPORT FOR VERTICAL WIREWAY SUPPORT.
- ② VERTICAL STRUT CHANNEL SUPPORT CONNECTION TO STRUCTURAL CHANNEL.
- ③ WIREWAYS MUST NOT TERMINATE INTO THE TOP OF THE WIRE TROUGH. INSTALL A DRAIN FITTING AT THE BOTTOM OF EACH ELBOW.
- ④ FIBERGLASS WIREWAY.
- ⑤ ELBOWS MUST MAINTAIN NEMA 3R RATING.
- ⑥ DATA/E6 WIRE TROUGH.
- ⑦ POWER WIRE TROUGH.
- ⑧ PROTECTIVE RAIN SHROUD.
- ⑨ INSTALL DRAIN FITTING AT WIRE TROUGH LOW POINT.
- ⑩ FASTEN WIREWAYS TO STRUT CHANNEL PER THE MANUFACTURER'S SPECIFICATIONS FOR THE NEMA 3R RATING.

1 VERTICAL WIREWAY END ELEVATION

2 VERTICAL WIREWAY SECTION

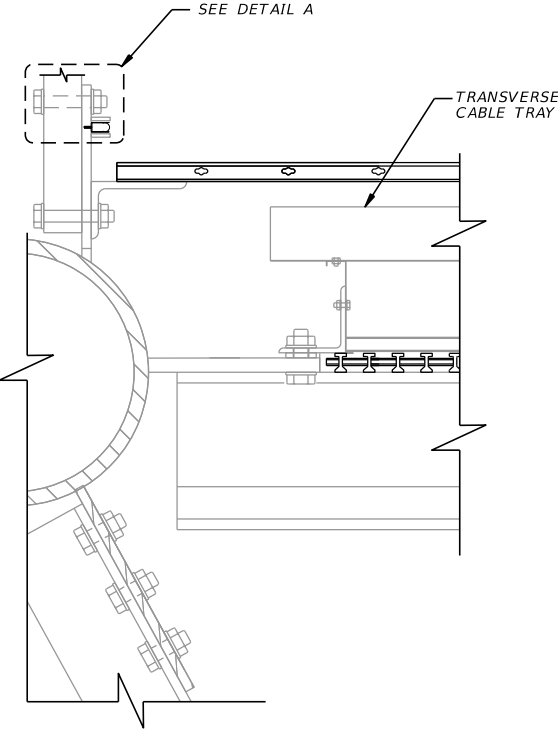
SECTION A-A

NOT TO SCALE

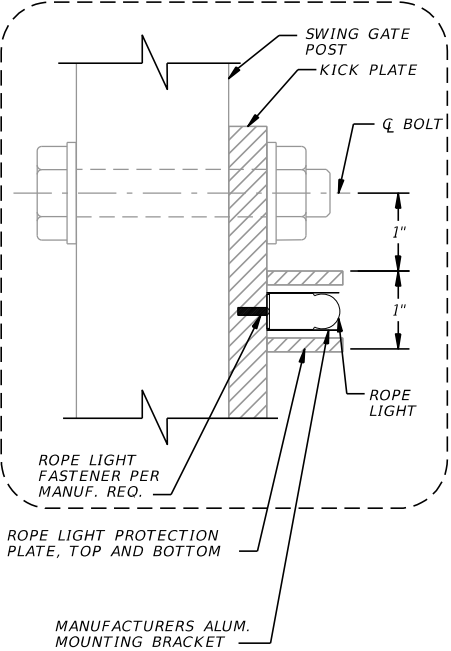
EXHIBIT 284-74

01/01/2027

ACCESSIBLE GANTRY ROPE LIGHT MOUNTING DETAILS



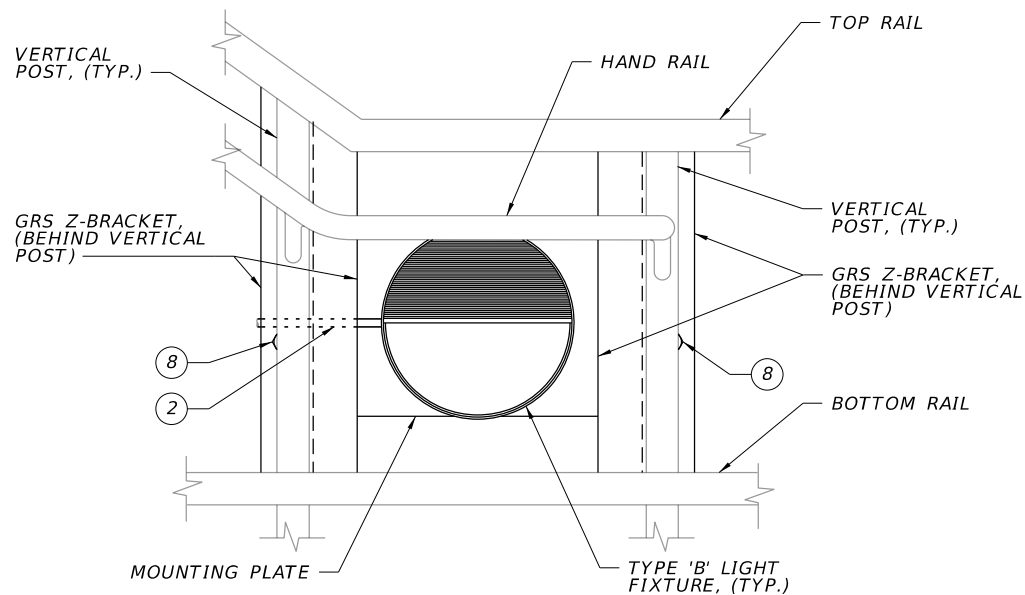
SECTION



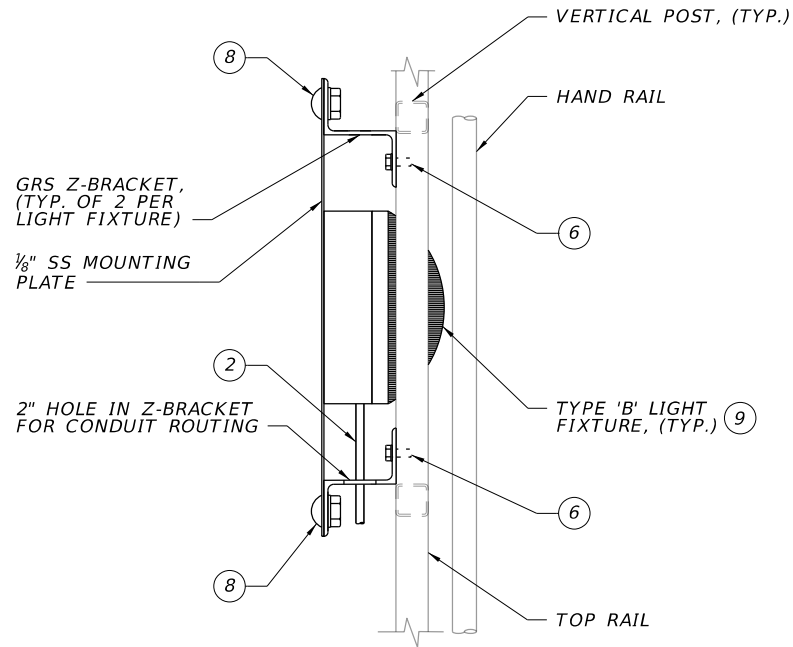
DETAIL A

NOT TO SCALE

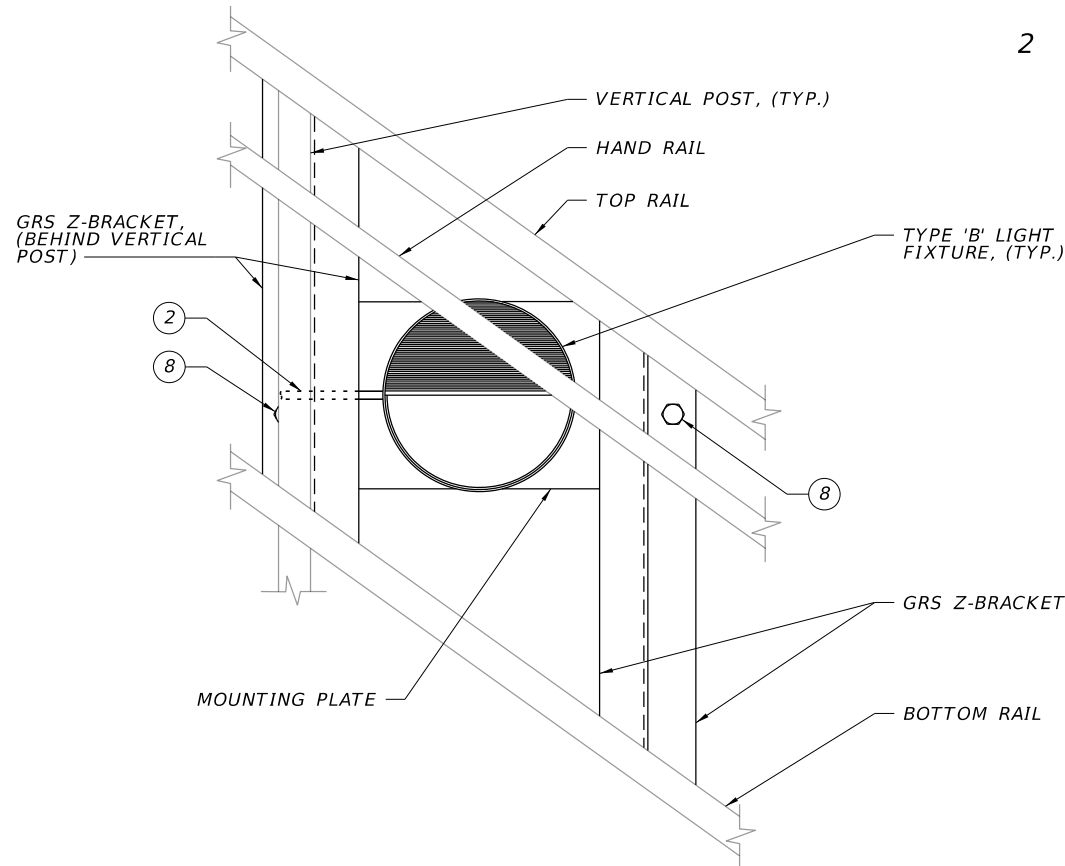
ACCESSIBLE GANTRY STAIR AND PLATFORM LIGHTING



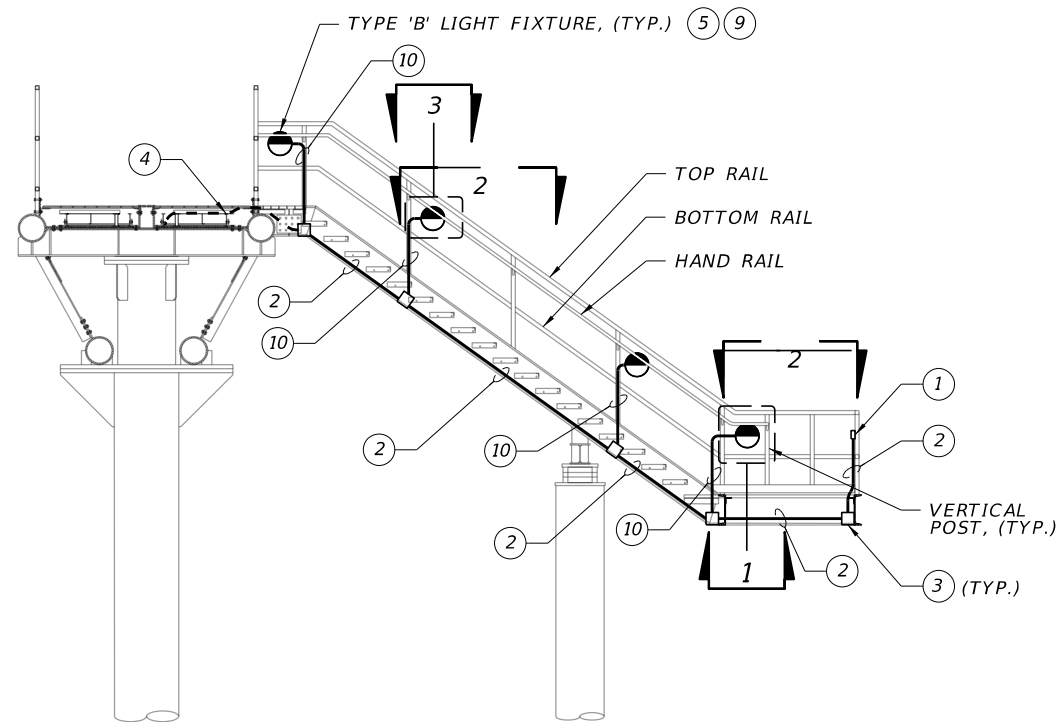
1 STAIRWAY PLATFORM LIGHT FIXTURE MOUNTING DETAIL



2 STAIRWAY LIGHTING DETAIL (TOP VIEW)



3 STAIRWAY LIGHT FIXTURE MOUNTING DETAIL



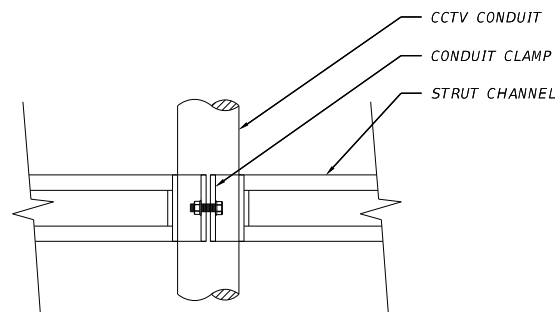
4 STAIRWAY LIGHT FIXTURE MOUNTING DETAIL

NOTES:

- 1 LIGHT (ON TIMER) SWITCH FOR STAIRWAY LTG.
- 2 CONDUIT AND CONDUCTOR DESIGN BY EOR.
- 3 4" SQUARE WEATHER PROOF JB.
- 4 ROUTE CONDUCTORS TO POWER CABLE TRAY.
- 5 STAIRWAY LIGHTING MUST BE LOCATED ON THE ROADWAY SIDE OF THE GANTRY AND FACE AWAY FROM THE ROADWAY.
- 6 HEX HEAD BOLT. PROVIDE A MINIMUM OF (4) PER FIXTURE.
- 7 GRS Z-BRACKET.
- 8 HEX HEAD BOLT, FLAT WASHERS & SELF LOCKING NUTS.
- 9 TYPE 'B' LIGHT FIXTURE WITH SURFACE ADAPTER (JB).
- 10 CONDUIT AND CONDUCTOR DESIGN BY EOR.

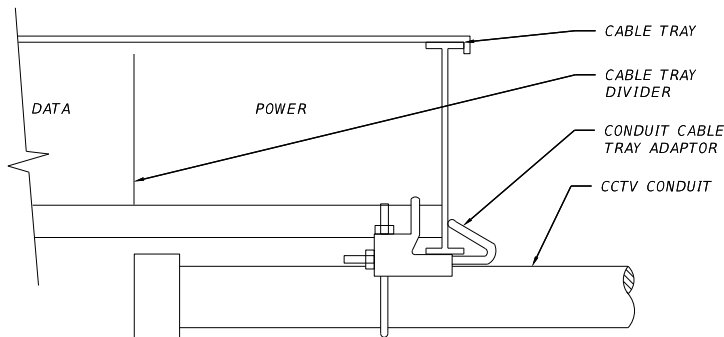
NOT TO SCALE

CCTV CAMERA GANTRY BACKBOX MOUNTING DETAILS

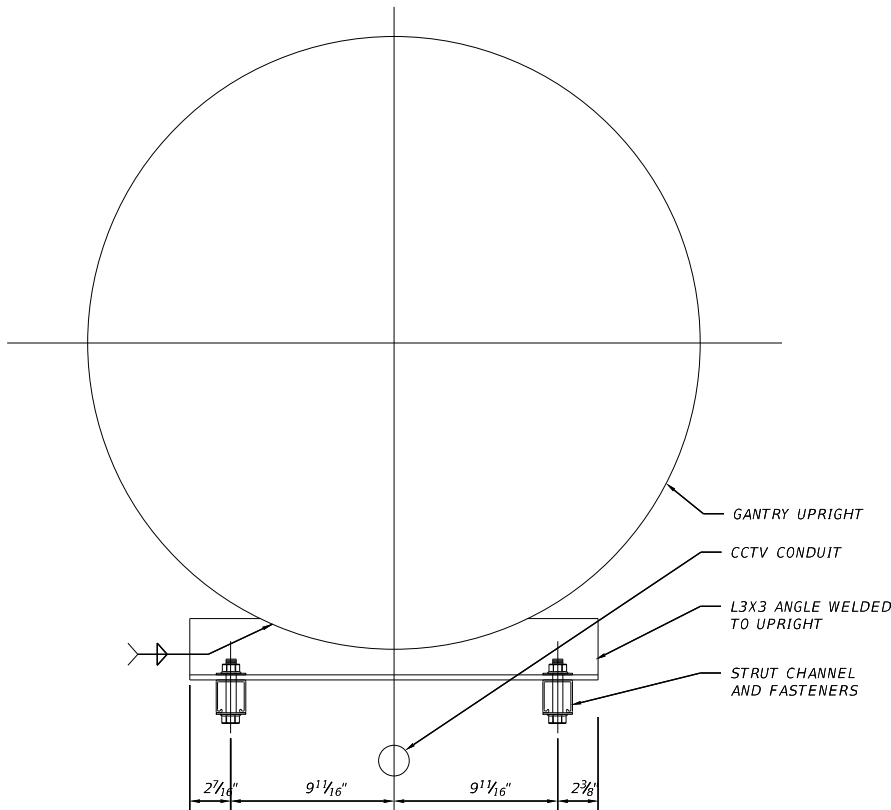


DETAIL B

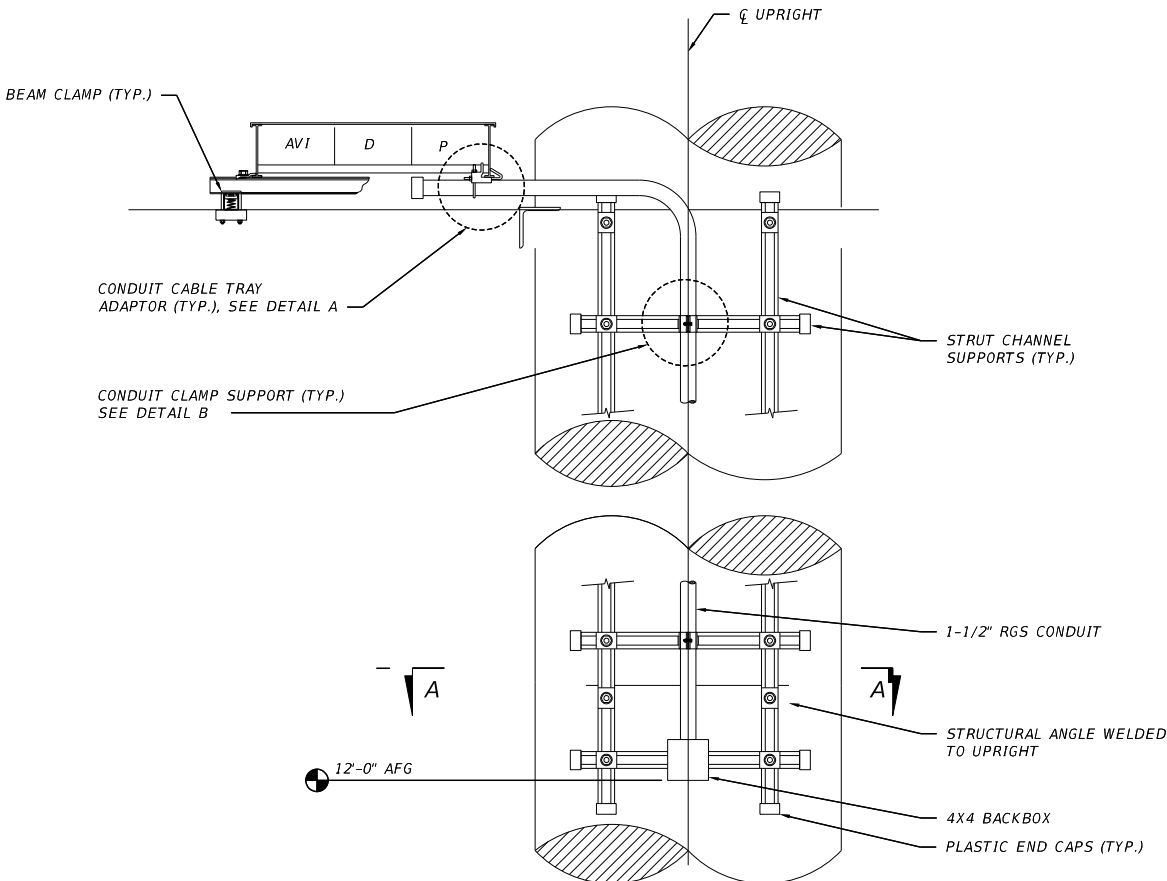
NOTE:
1. CONDITION OCCURS ON THE
SIDE OF THE UPRIGHT FACING
THE TRAVEL WAY.



DETAIL A



SECTION A-A



ELEVATION

NOT TO SCALE