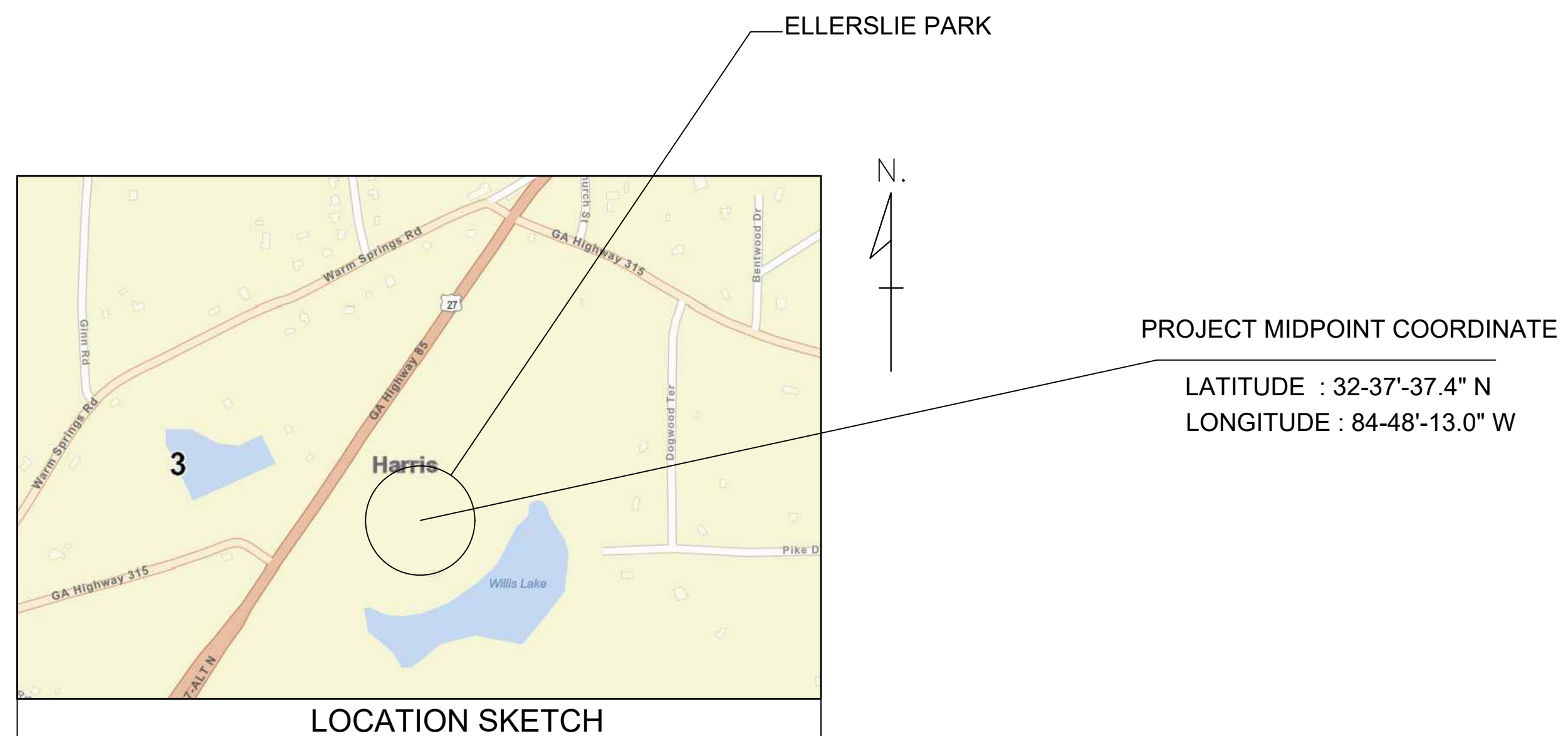


HARRIS COUNTY - GEORGIA BOARD OF COMMISSIONERS

OFFICE OF PUBLIC WORKS

OBSERVATION TOWER
ELLERSLIE PARK, GA



" M/S. C.V.PATIL & ASSOCIATES "

FLAT NO.102, D-11, SPANDAN RESIDENCY, POPULAR NAGAR,
OPP.MAI MANGESHKAR HOSPITAL, PUNE-MUMBAI BYPASS
HIGHWAY : WARJE, PUNE, INDIA - 411058.
Contact : +91 9552541988 Email : cvpcepl@gmail.com



SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375



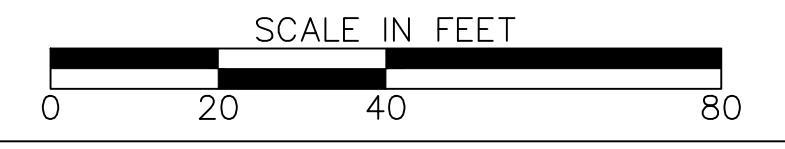
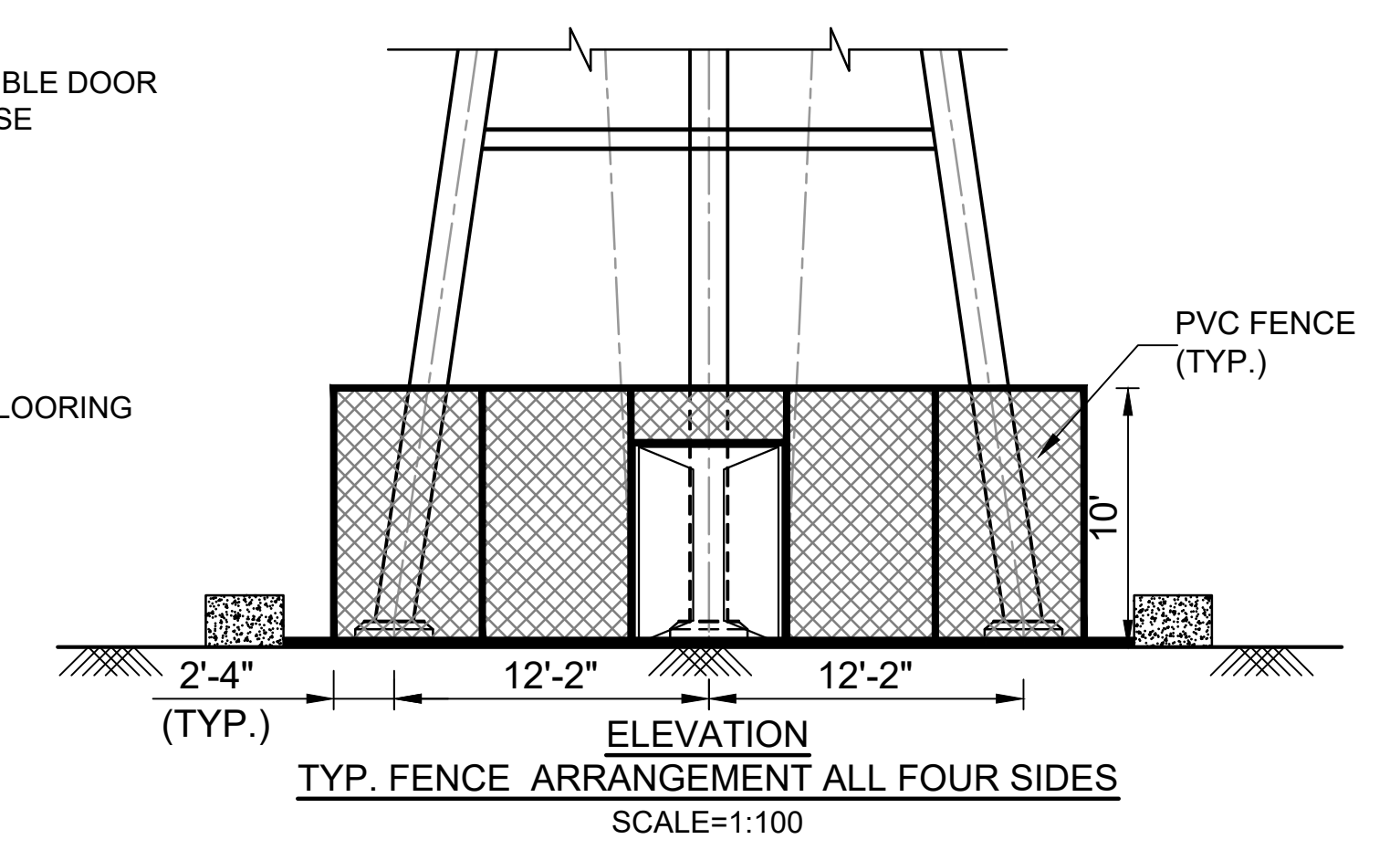
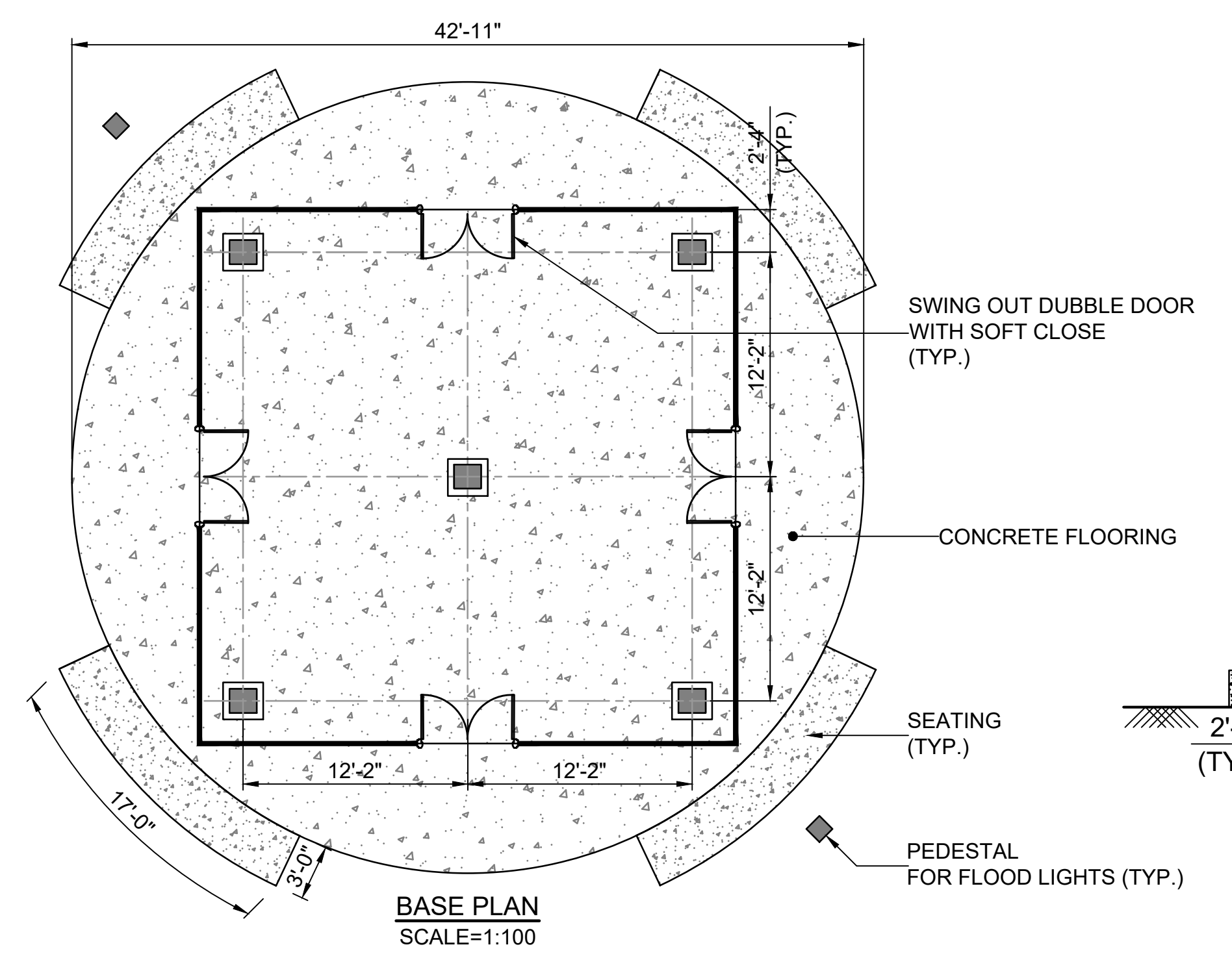
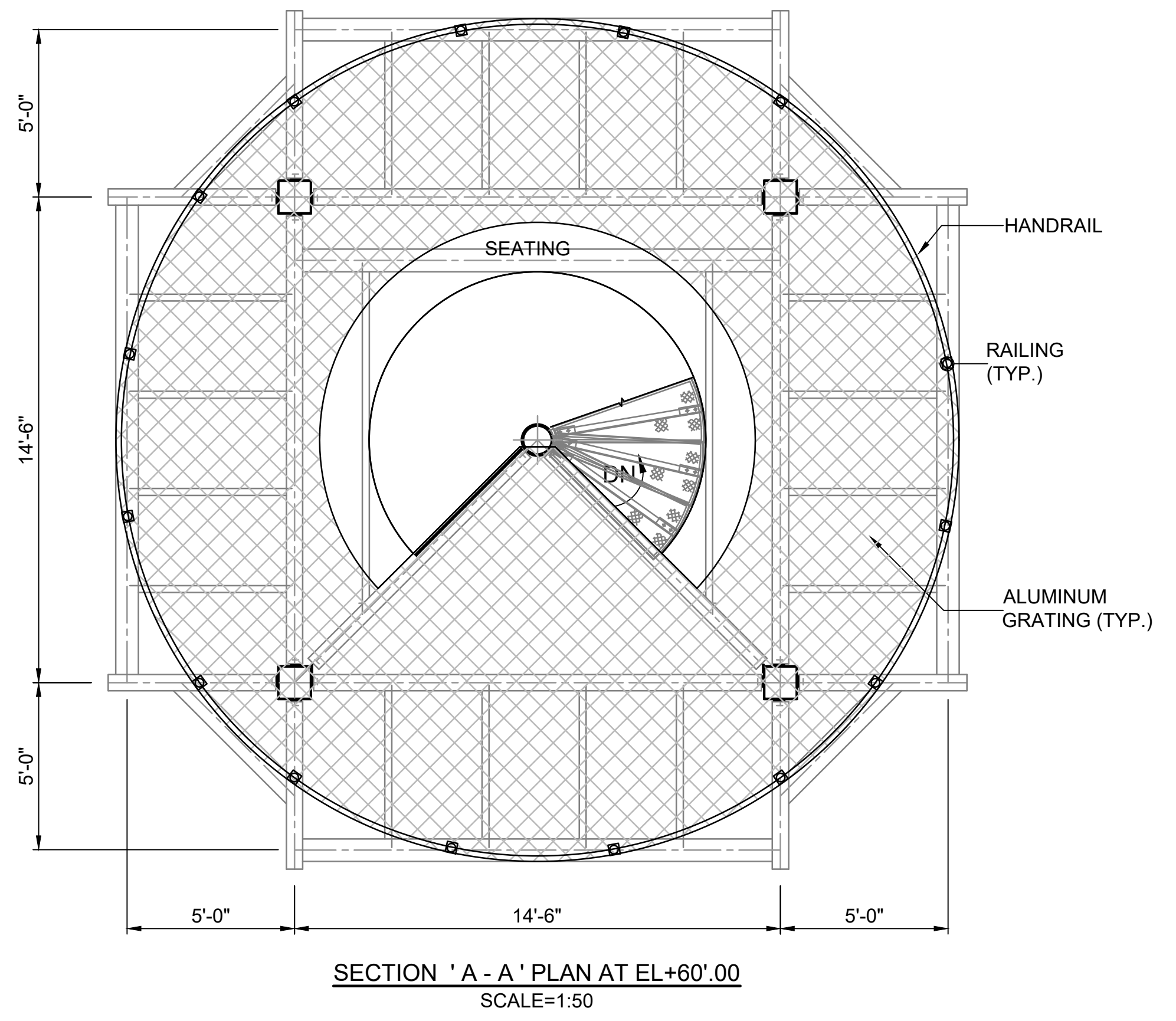
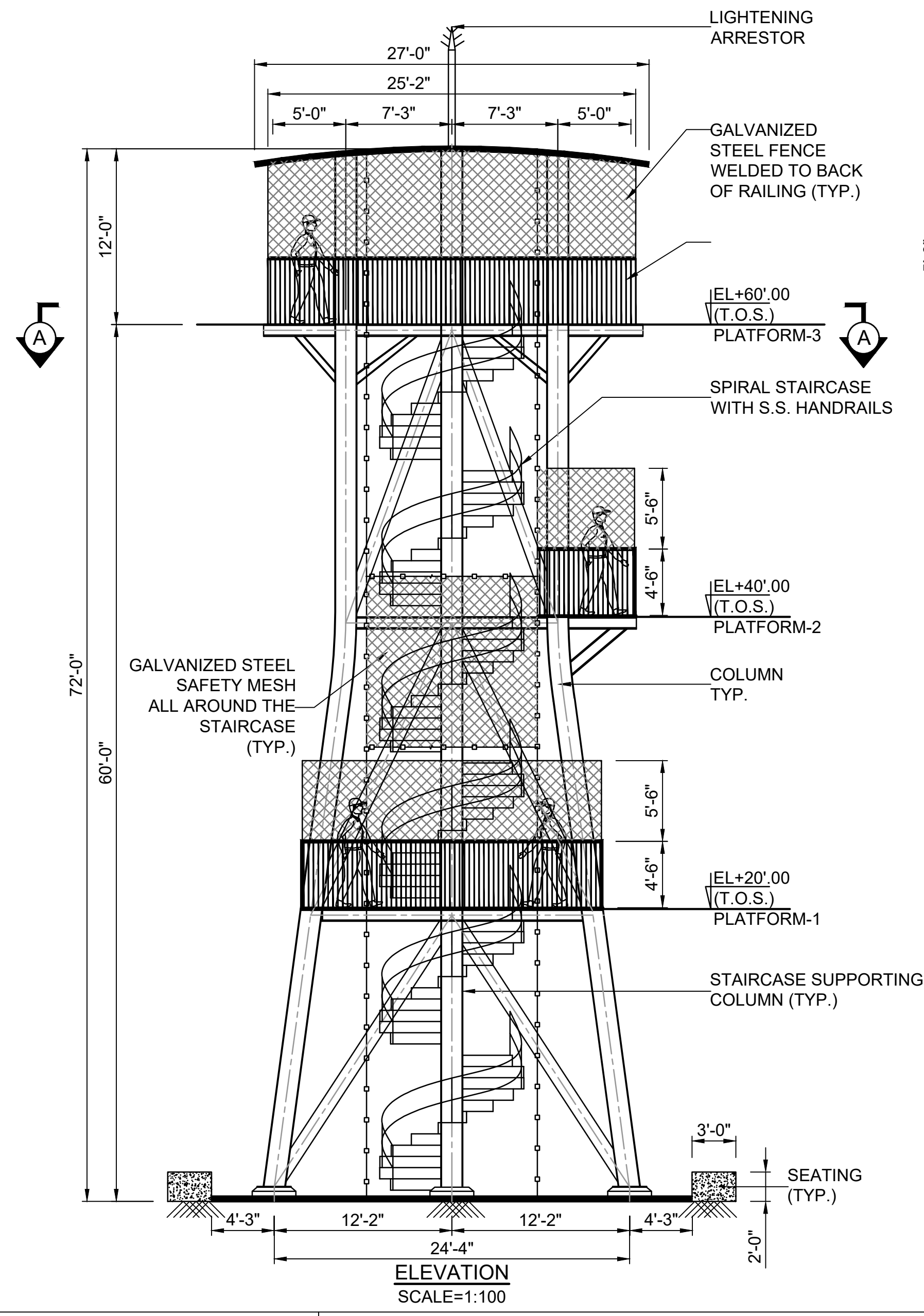
06-14-2023

REVISION DATES

No.	Description	Date

COVER SHEET
OBSERVATION TOWER

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 1 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



" M/S. C.V.PATIL & ASSOCIATES "
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Atlanta
SASTRY & ASSOCIATES, INC.
11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No.19971
06-14-2023

REVISION DATES	

**GENERAL ARRANGEMENT
OBSERVATION TOWER**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 2 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	

DESIGN DATA

SPECIFICATIONS:

- AISC STEEL CONSTRUCTION MANUAL 14TH ED., 2011
- INTERNATIONAL BUILDING CODE, IBC 2018
- ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- ASCE/SEI 7-16 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES

DESIGN LOADS:

- PEDESTRIAN LOADING -----100 PSF
- WIND LOAD ----- 116 MPH
- ROOF LIVE LOAD ----- 20 PSF
- SNOW LOAD ----- 5 PSF
- SESIMIC DATA
 RISK CATEGORY -----III
 SEISMIC DESIGN CATEGORY-----B
 SITE CLASS -----D
 SEISMIC IMPORTANCE FACTOR -----1.25
 SD₁ -----0.116
 SD_s -----0.136

- CONCRETE: -----CLASS A, f_c = 3,000 PSI
- REINFORCEMENT STEEL: -----GRADE 60, f_y = 60,000 PSI
- STRUCTURAL STEEL:
 ROLLED STEEL BEAMS ----- ASTM A572 GRADE 50, f_y = 50,000 PSI
 SQUARE HSS ----- ASTM A500, f_y = 46,000 PSI
 OTHER STRUCTURAL STEEL ----- ASTM 709 GRADE 36, f_y = 36,000 PSI
 CONNECTION BOLTS -----ASTM A325
 CONNECTION NUTS -----ASTM A563
 CONNECTION WASHERS -----F436
 GALVANIZED STEEL GRATING -----ASTM A36

GEOTECHNICAL DATA

SOIL BEARING PRESSURE ----- 4,500 PSF

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2021 EDITION AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.

CONCRETE - PAY ITEM 500-3101 INCLUDES COLUM FOUNDATIONS, CONCRET PAD, AND CONCRETE SEATING AS SHOWN IN THE PLANS.

CONCRETE COVER - MAINTAIN 2 INCHES COVER MINIMUM ON ALL REINFORCING STEEL UNLESS OTHERWISE NOTED.

STRUCTURAL STEEL - ALL STRUCTURAL STEEL TO BE GALVANIZED STEEL.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS WHO HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW-HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES INSTALLATION OF SAFETY MESH AROUND SPIRAL STAIRS AND PLATFORMS AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

FOOTING EXCAVATION - EXCAVATE FOR SPREAD FOOTING WITH CARE TO PREVENT UNDERCUTTING ON UNDISTURBED SOIL. INCLUDE THE COST OF EXCAVATION IN THE OVERALL BID SUBMITTED.

SPIRAL STAIRS - THE COST OF MATERIAL AND LABOR FOR INSTALLATION OF ALUMINUM SPIRAL STAIRS AND ALUMINUM GRATING SHALL BE INCLUDED IN THE PAY ITEM 850-9999.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
005 - 0002	LS	LS	INSTALLATION OF LIGHTING FACILITIES
500 - 3101	85	CY	CLASS A CONCRETE
501 - 3000	85000	LB	STR STEEL
511 - 1000	8250	LB	BAR REINF STEEL
515 - 2105	130	LF	42 IN METAL SAFETY RAIL
515 - 2135	140	LF	54 IN METAL SAFETY RAIL
643 - 1462	116	LF	CH LK FENCE, PVC, 10FT, 9GA
643 - 4000	140	LF	WOVEN WIRE FENCE
643 - 8030	4	EA	GATE, CHAIN LINK PVC COAT
850 - 9999	5050	LB	ALUMINUM SPIRAL STAIRS



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SASTRY & ASSOCIATES, INC.

11030 JONES BRIDGE ROAD, SUITE 201
 ALPHARETTA, GA 30022
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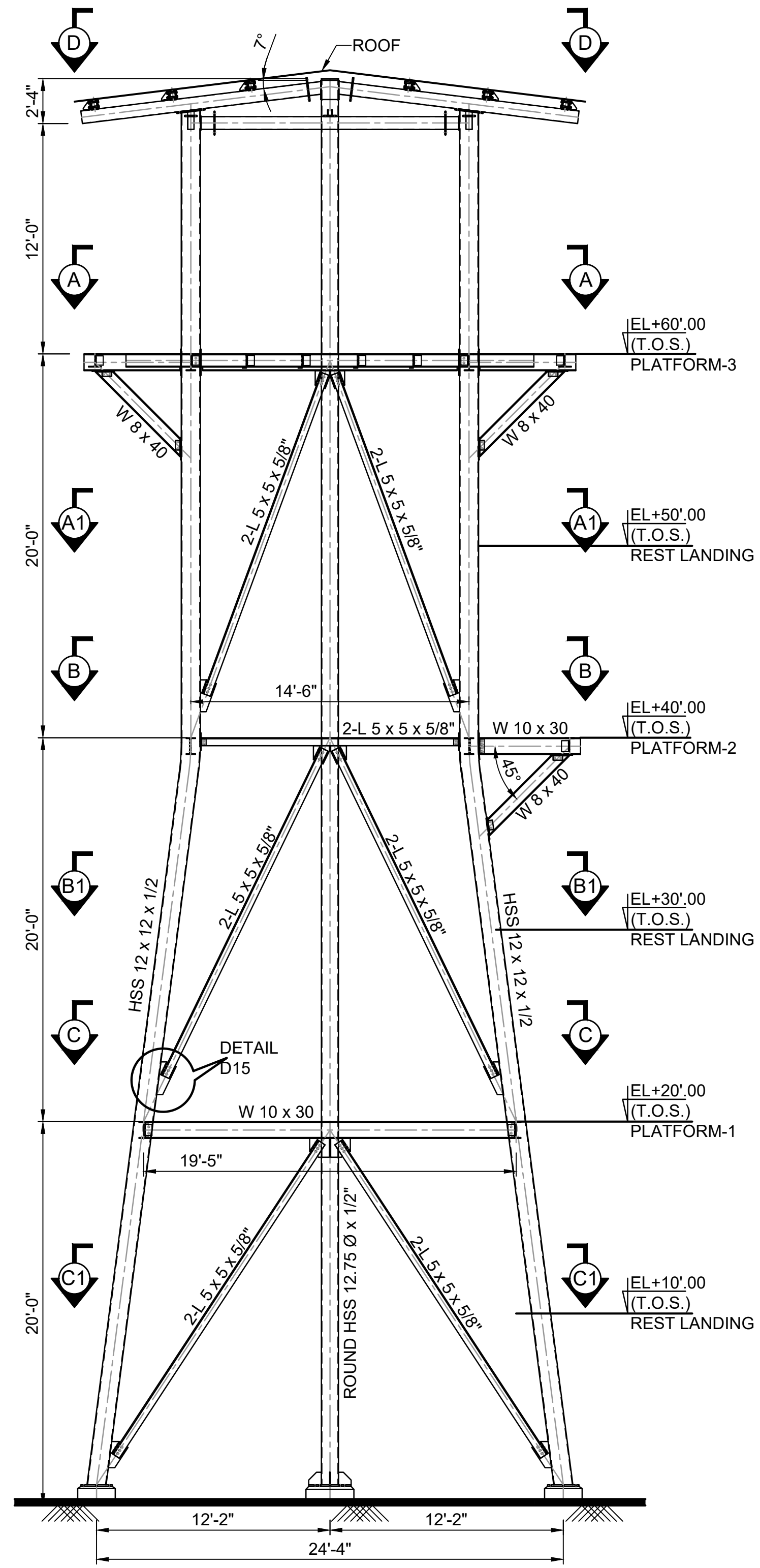
06-14-2023

REVISION DATES

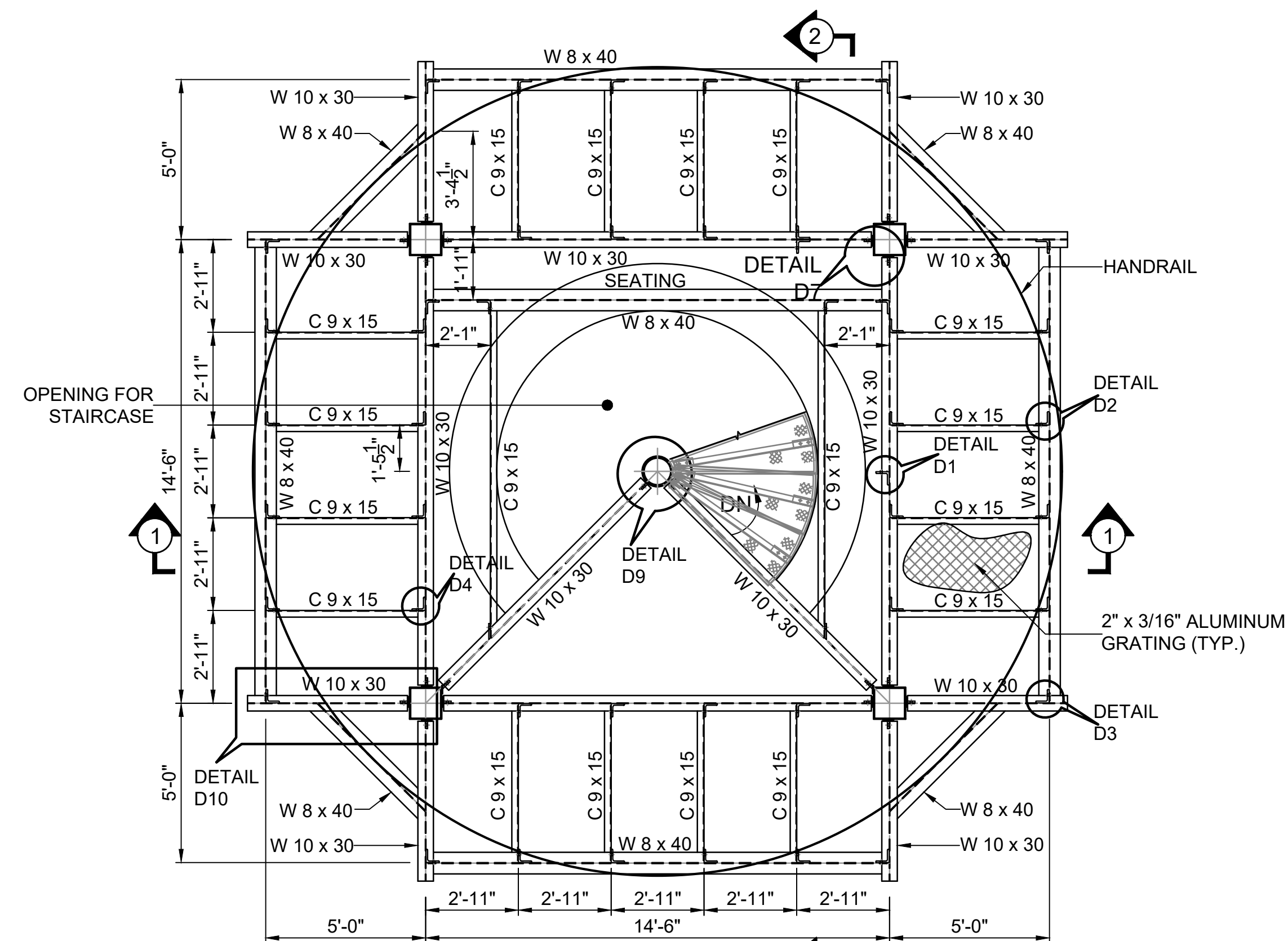
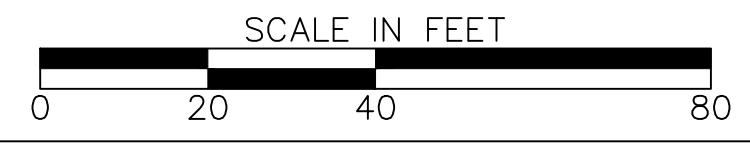
NO.	DATE	DESCRIPTION

**GENERAL NOTES
 OBSERVATION TOWER**

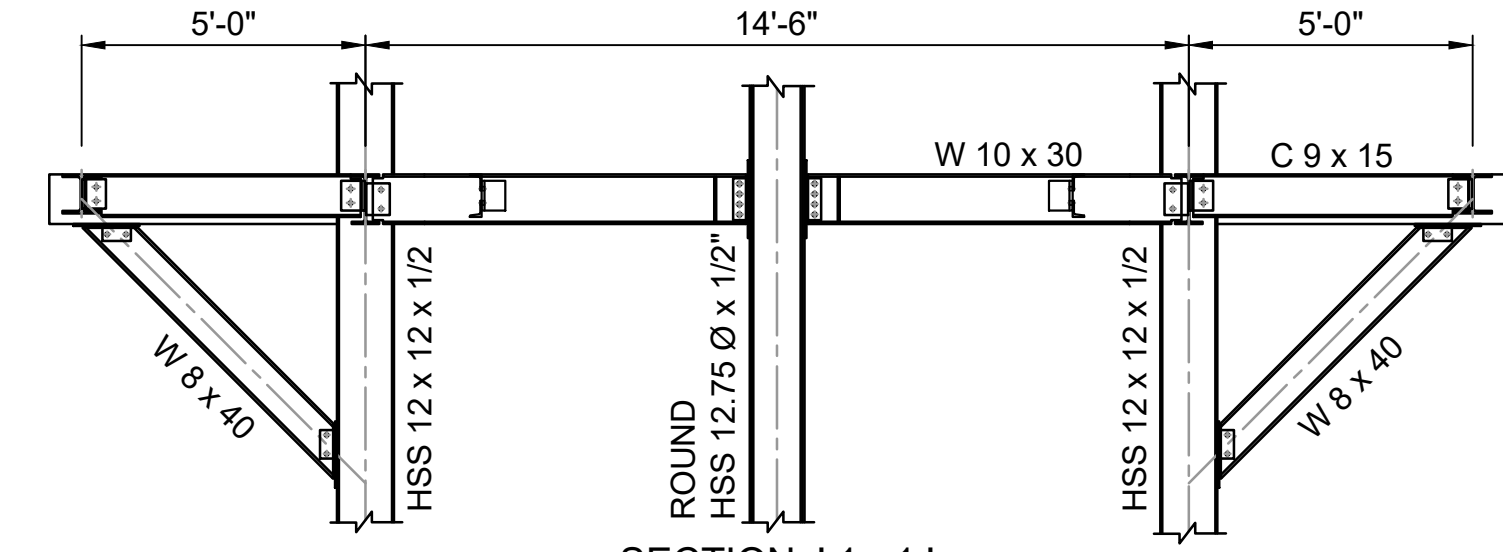
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CORRECTED:	DATE:	
VERIFIED:	DATE:	



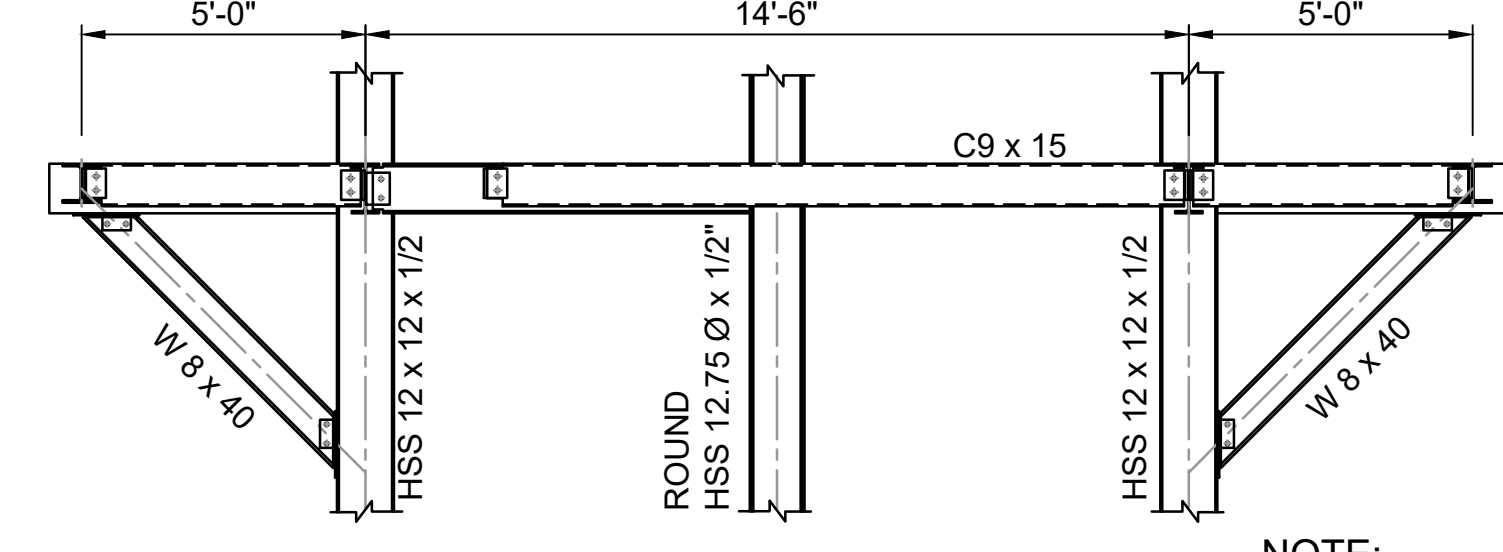
SUPPORT FRAME
SCALE=1:75



SECTION 'A - A'
PLATFORM AT EL+60'.00
SCALE=1:50



SECTION '1 - 1'
PLATFORM 3 AT EL+60'.00
SCALE=1:50



SECTION '2 - 2'
PLATFORM 3 AT EL+60'.00
SCALE=1:50

- NOTE:-**
1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE SPECIFIED.
 2. ALL LEVEL ARE FEET.
 3. ALL STRUCTURAL STEEL TO BE IN GALVANIZED STEEL.
 4. FOR CONNECTION DETAILS D1,2,3,4,7,9 REFER SHEET NO.- 9 OF 10 & FOR DETAILS D10,15 REFER SHEET NO.- 10 OF 10.



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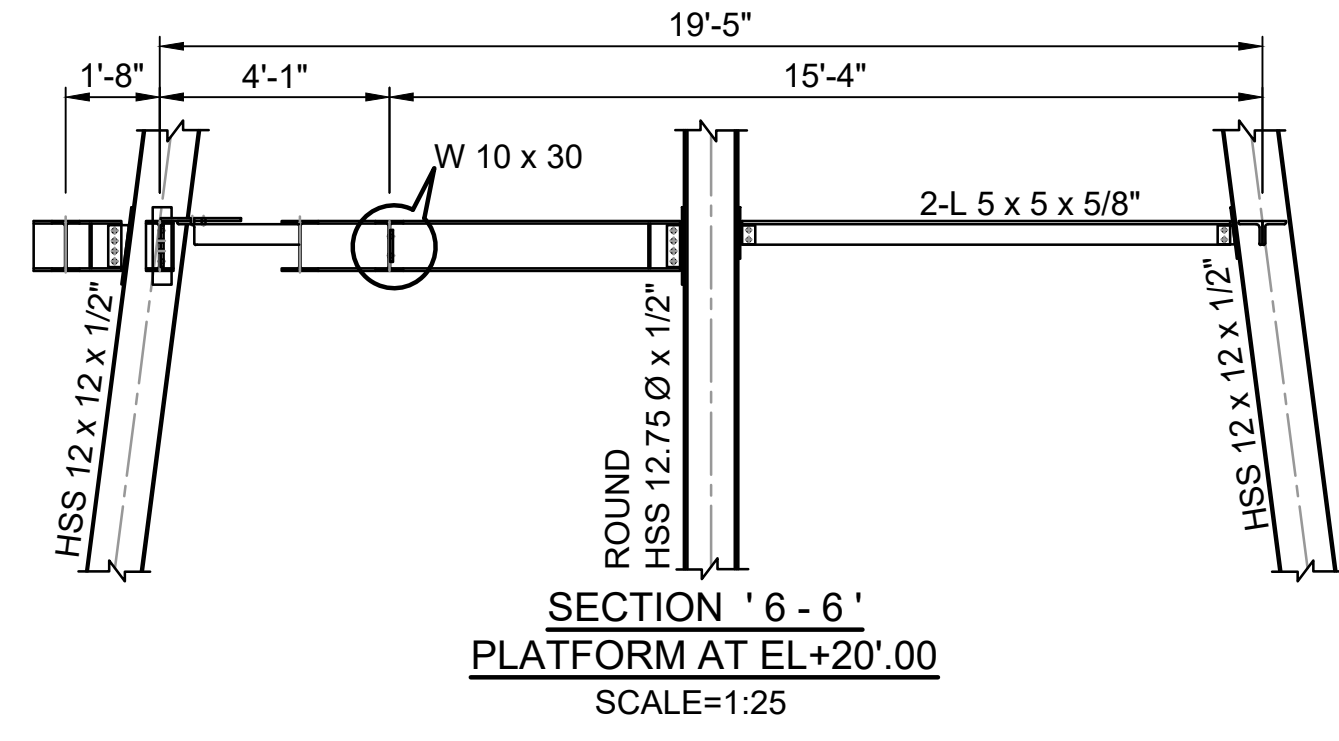
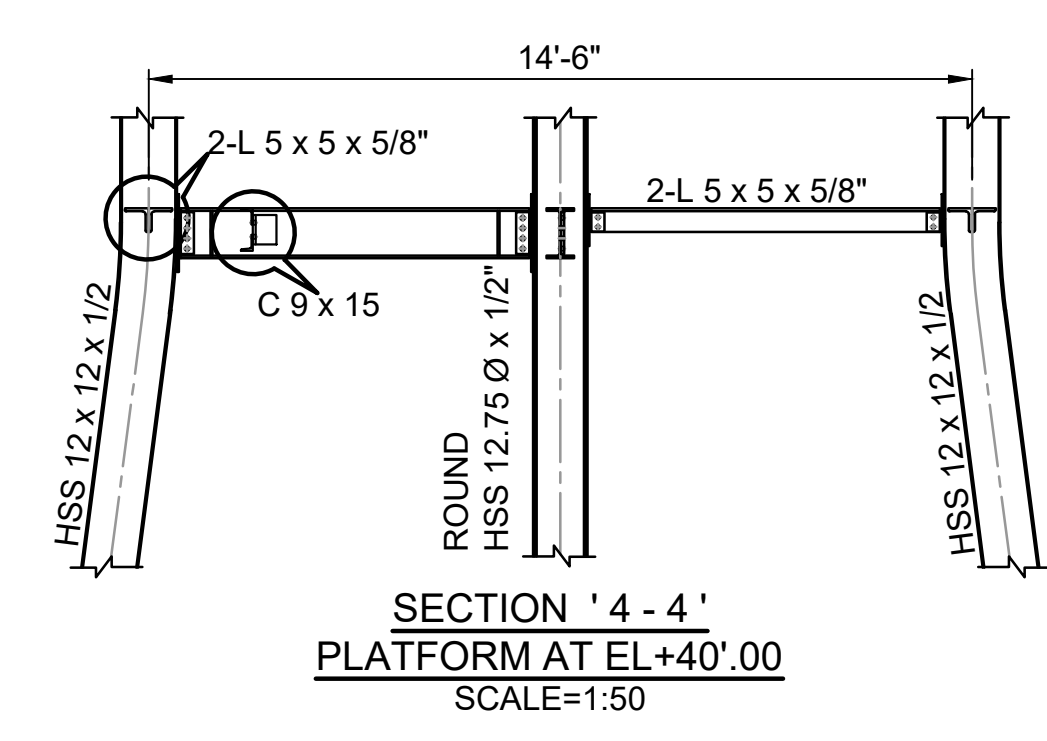
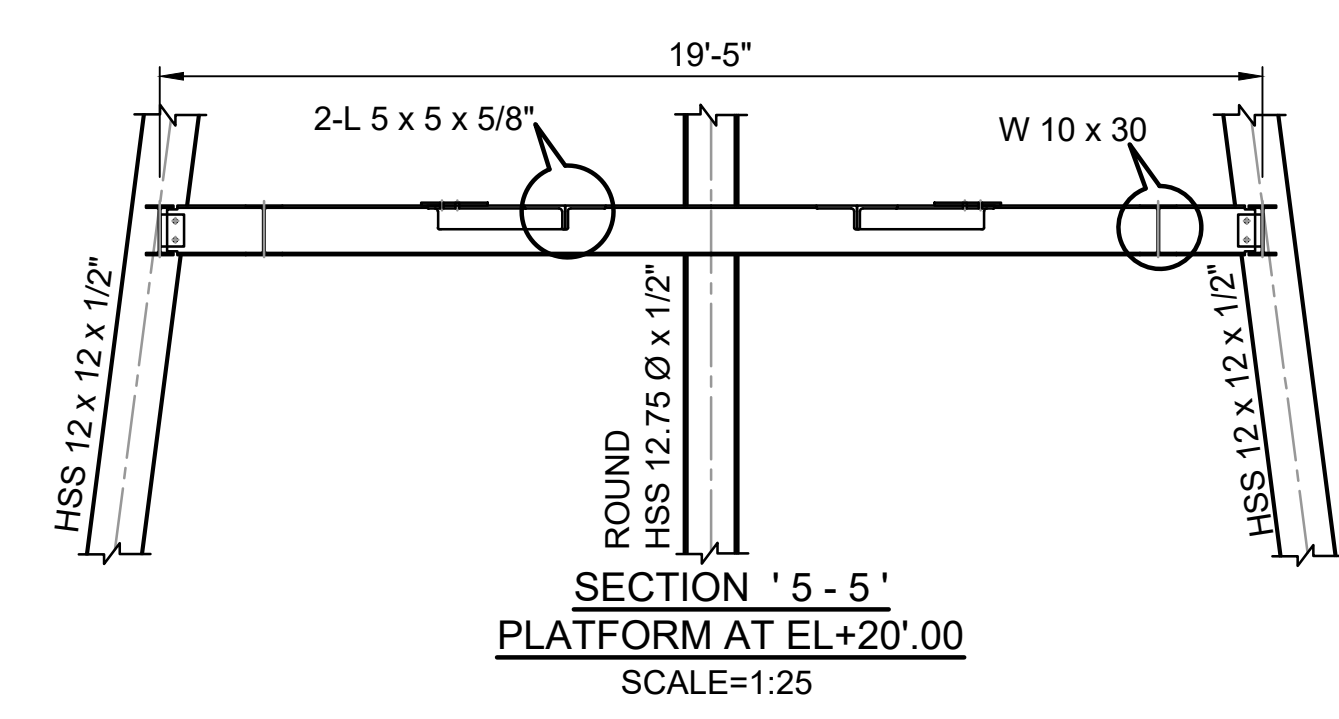
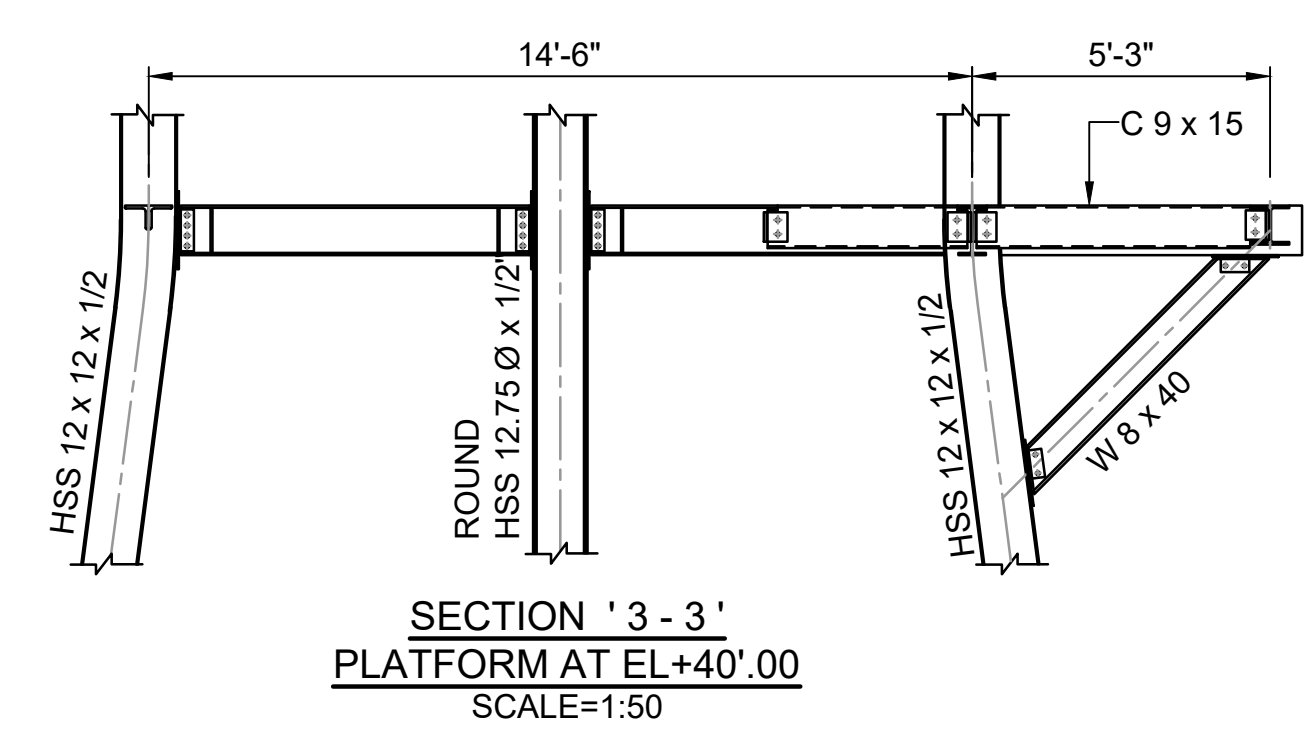
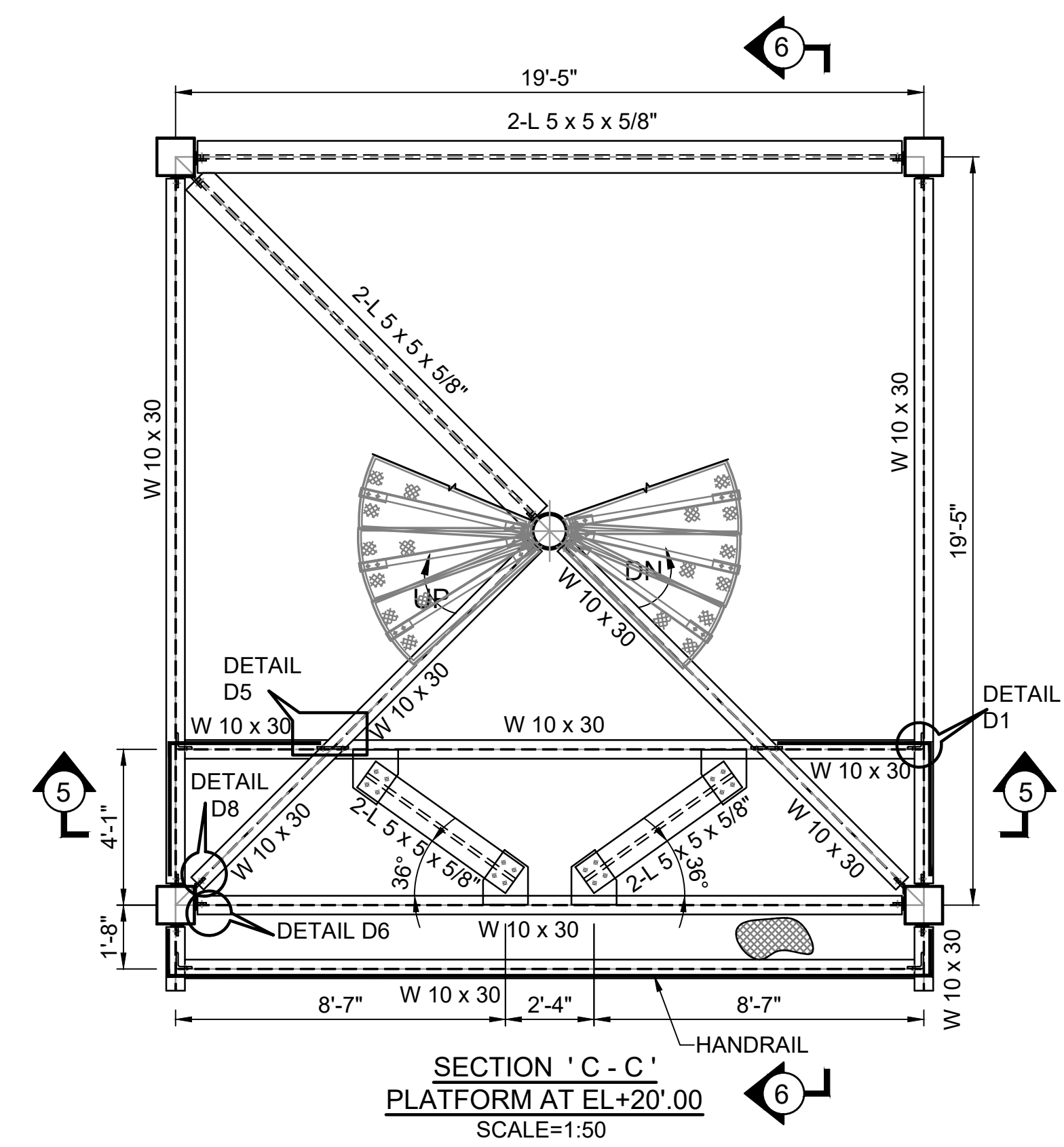
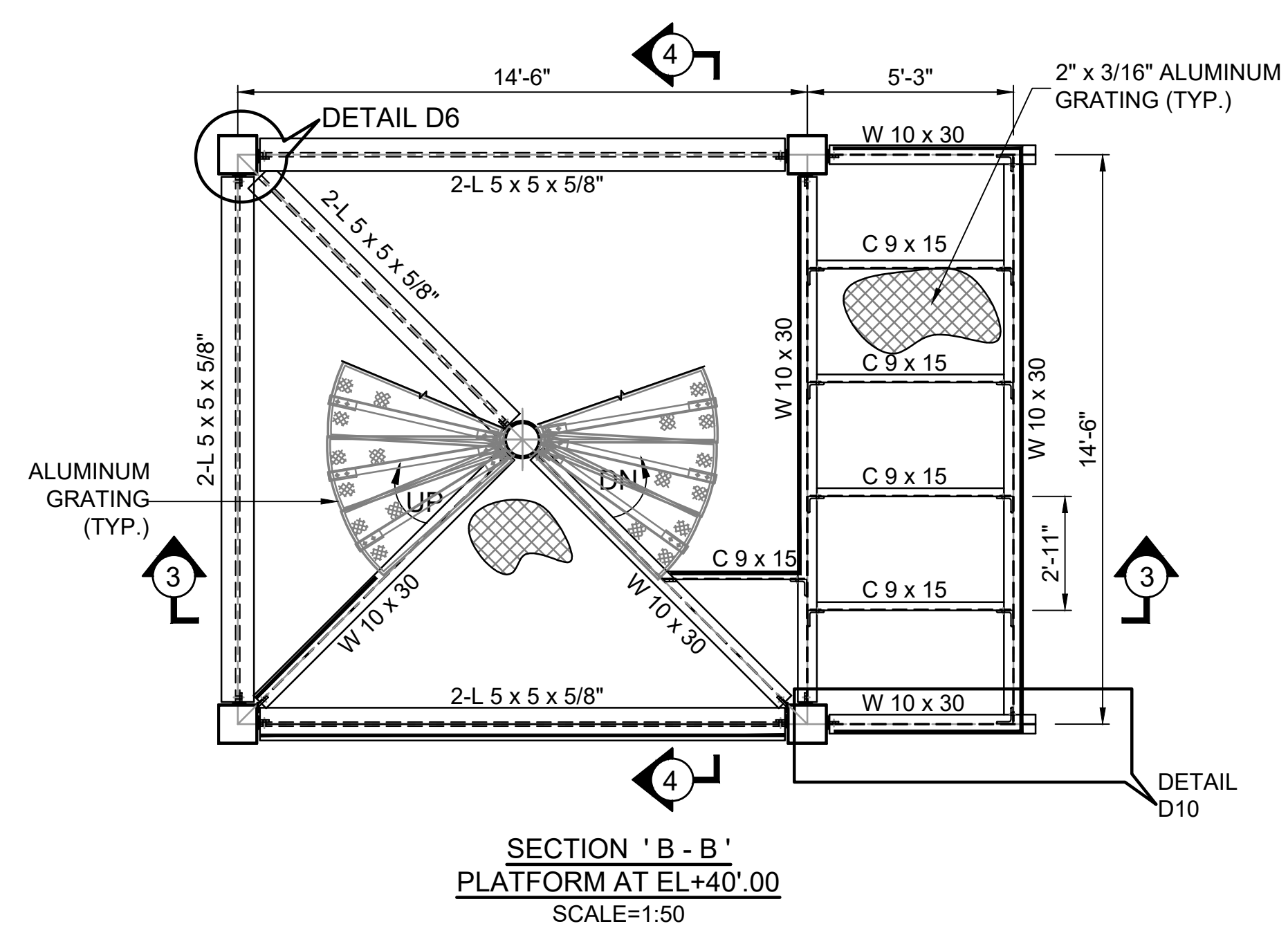


06-14-2023

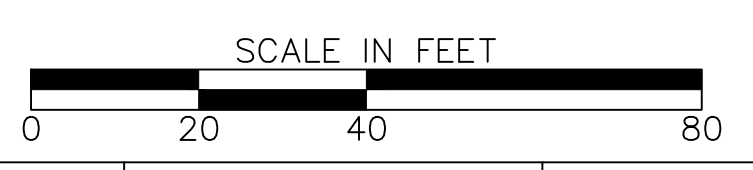
REVISION DATES	

**STRUCTURAL FRAME DETAIL-1
OBSERVATION TOWER**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 4 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NOTE:-
 1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE SPECIFIED.
 2. ALL STRUCTURAL STEEL TO BE IN GALVANIZED STEEL.
 & FOR CONNECTION DETAILS D1,5,6,8 REFER SHEET NO. - 9 OF 10 &
 FOR DETAILS D10 REFER SHEET NO. - 10 OF 10.



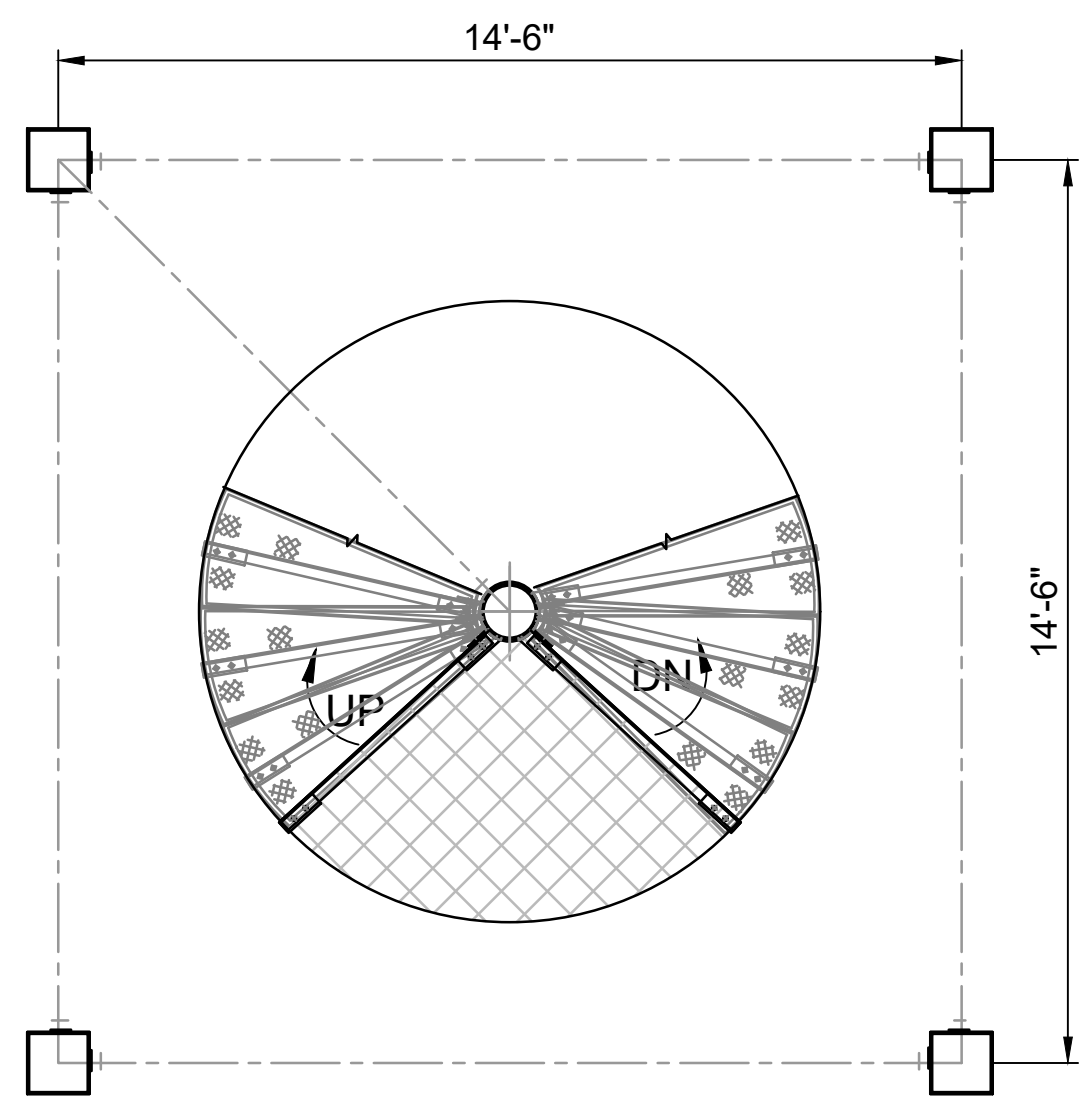
" M/S. C.V.PATIL & ASSOCIATES "
 FLAT NO.102, D-11, SPANDAN RESIDENCY, POPULAR NAGAR,
 OPP.MAI MANGESHKAR HOSPITAL, PUNE-MUMBAI BYPASS,
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S & A
Atlanta
SASTRY & ASSOCIATES, INC.
 11030 JONES BRIDGE ROAD, SUITE 201
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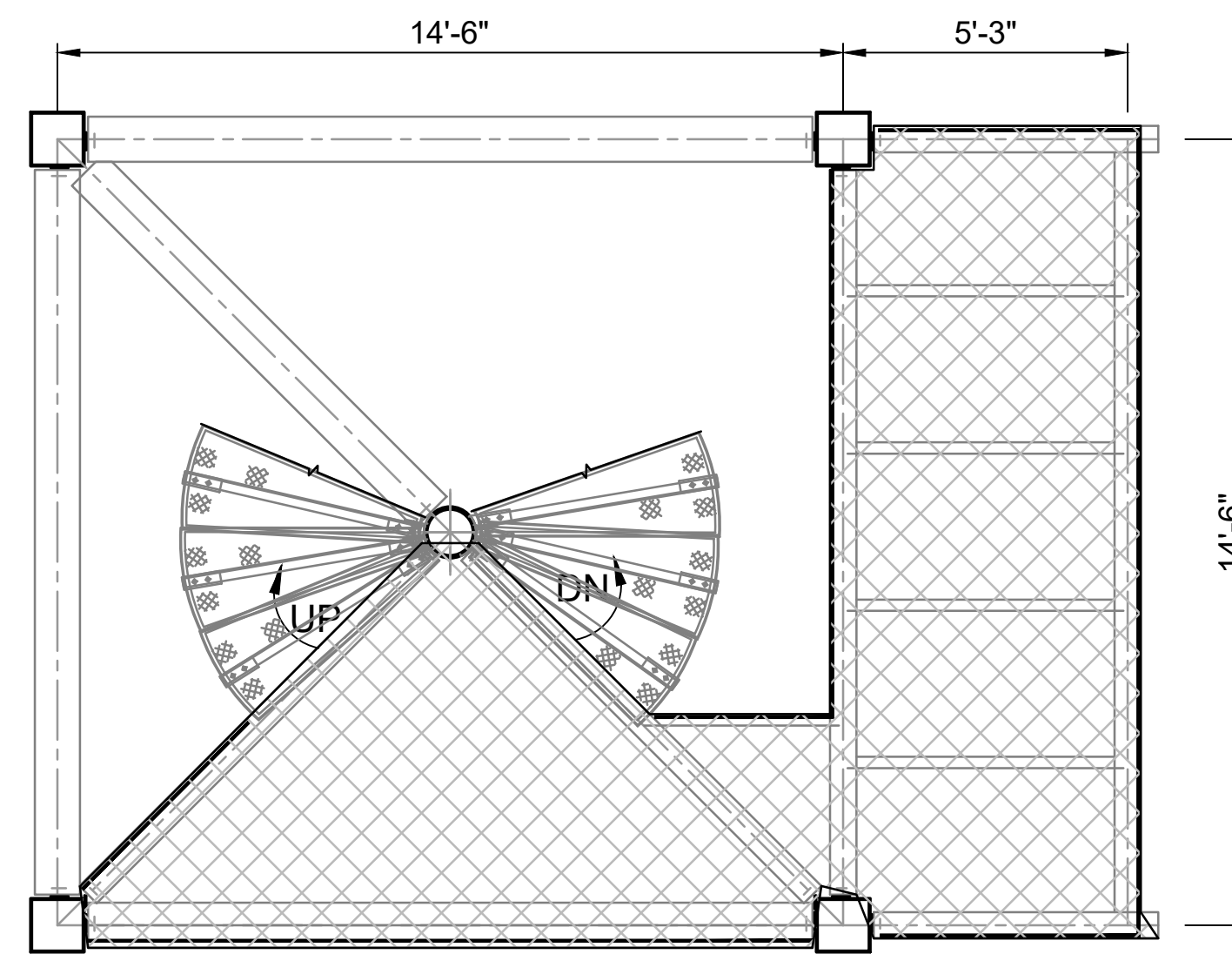
GEORGIA REGISTERED PROFESSIONAL ENGINEER
 No.19971
 SASTRY & ASSOCIATES, INC.
 06-14-2023

REVISION DATES	

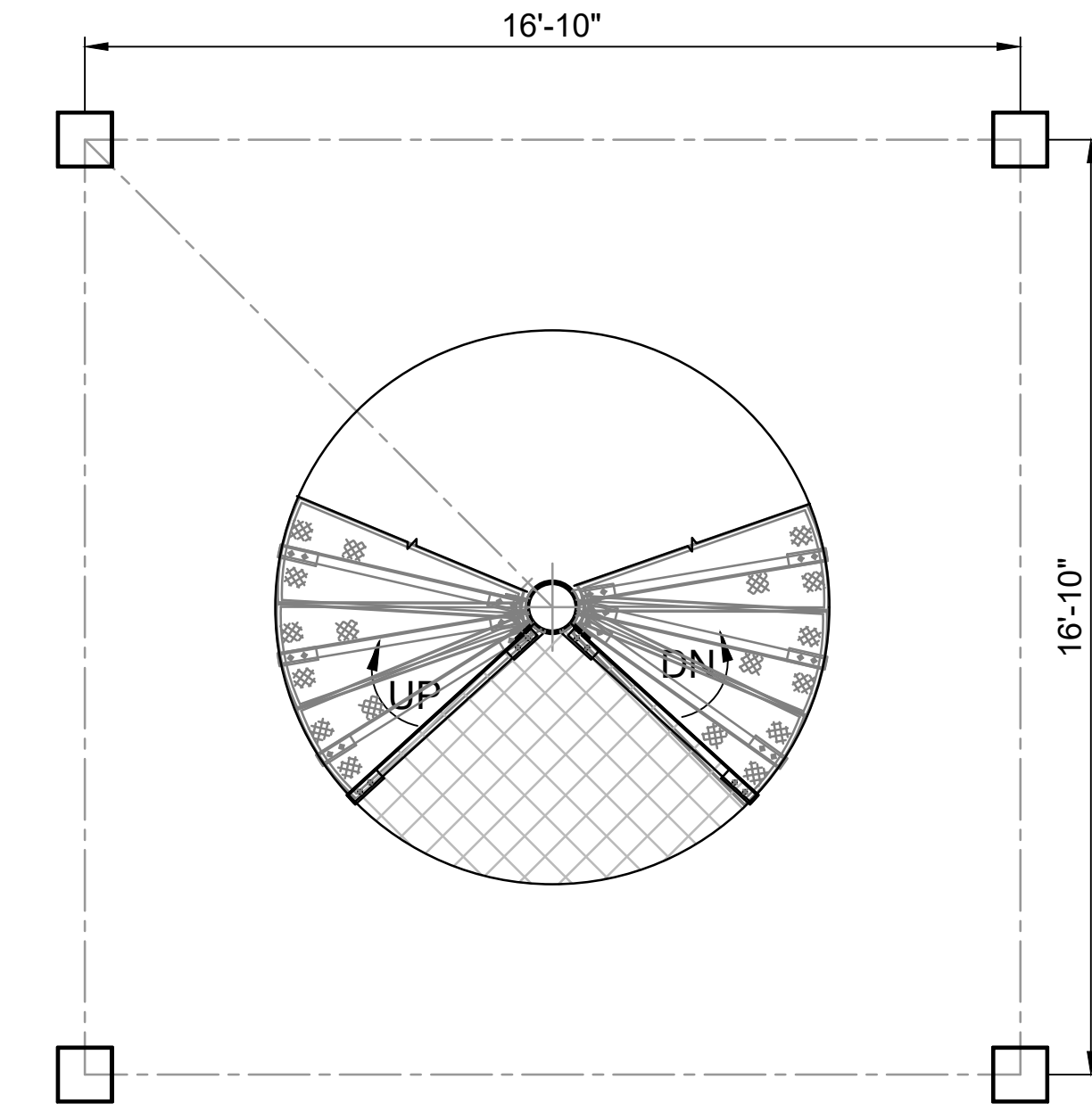
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BACKCHECKED:	DATE:	SHEET 5 OF 10	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



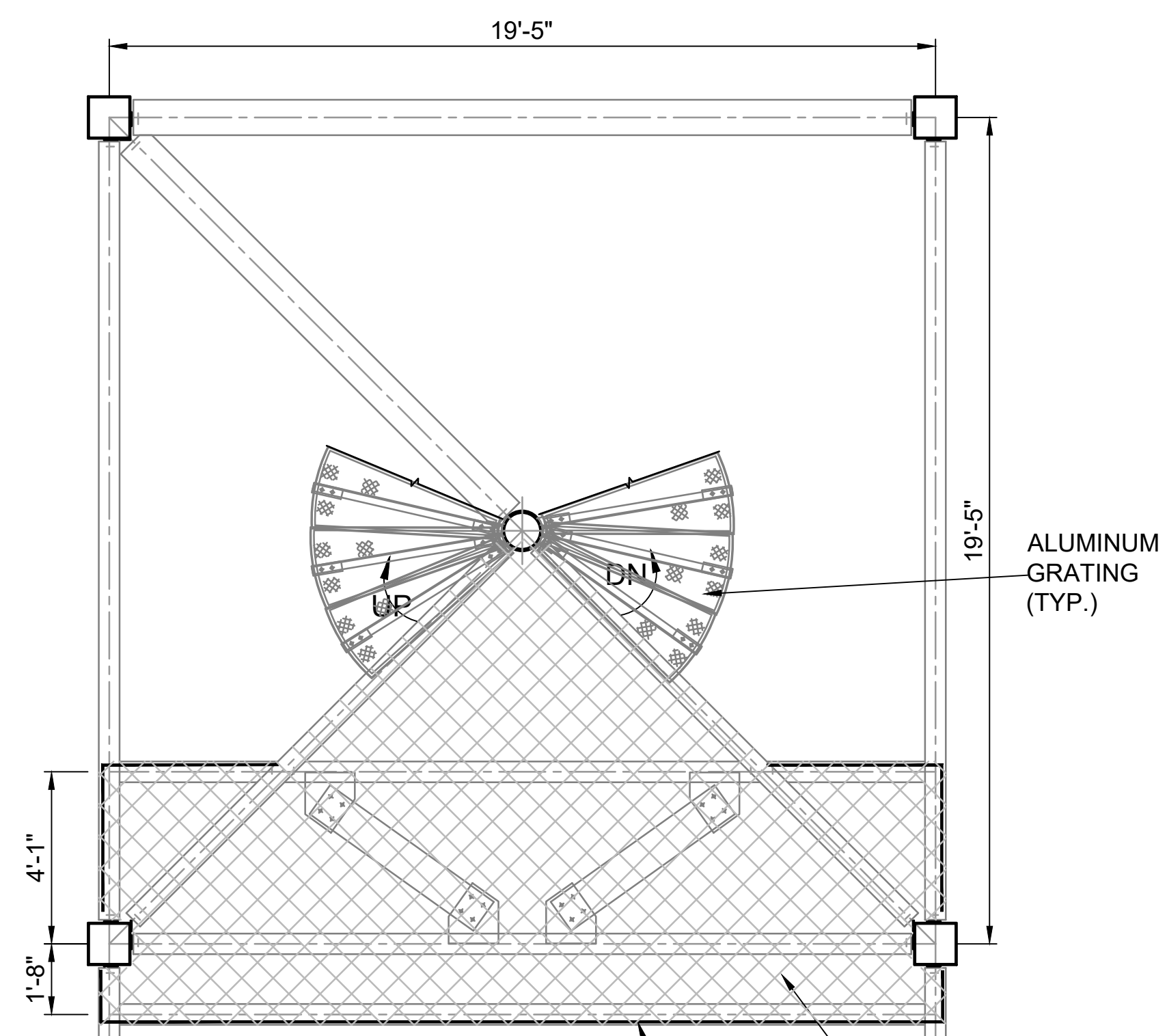
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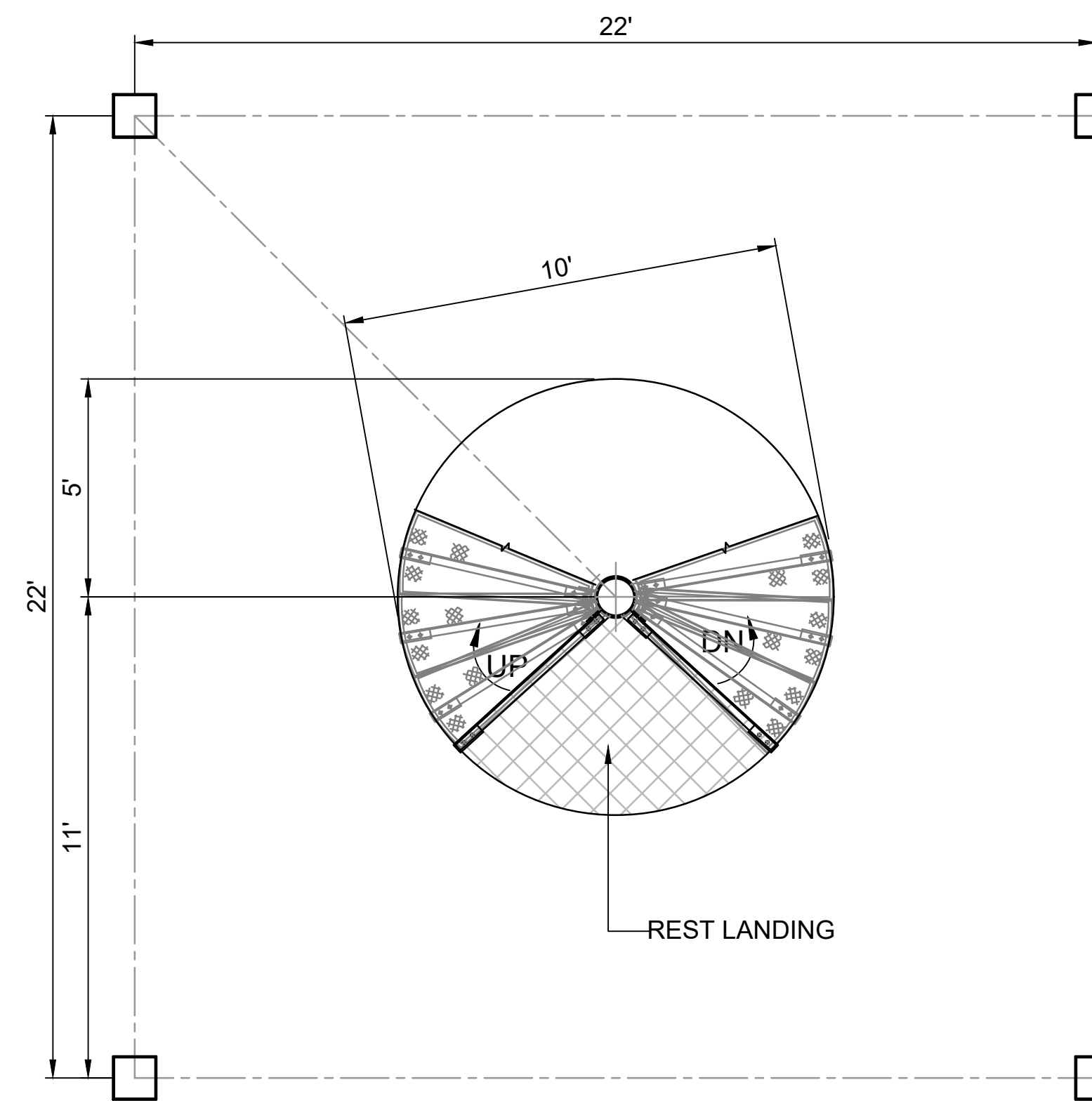
PLAN AT EL+40'.00
SCALE=1:50



SECTION 'B1 - B1'
PLATFORM AT EL+30'.00
SCALE=1:50



PLAN AT EL+20'.00
SCALE=1:50



SECTION 'C1 - C1'
PLATFORM AT EL+10'.00
SCALE=1:50



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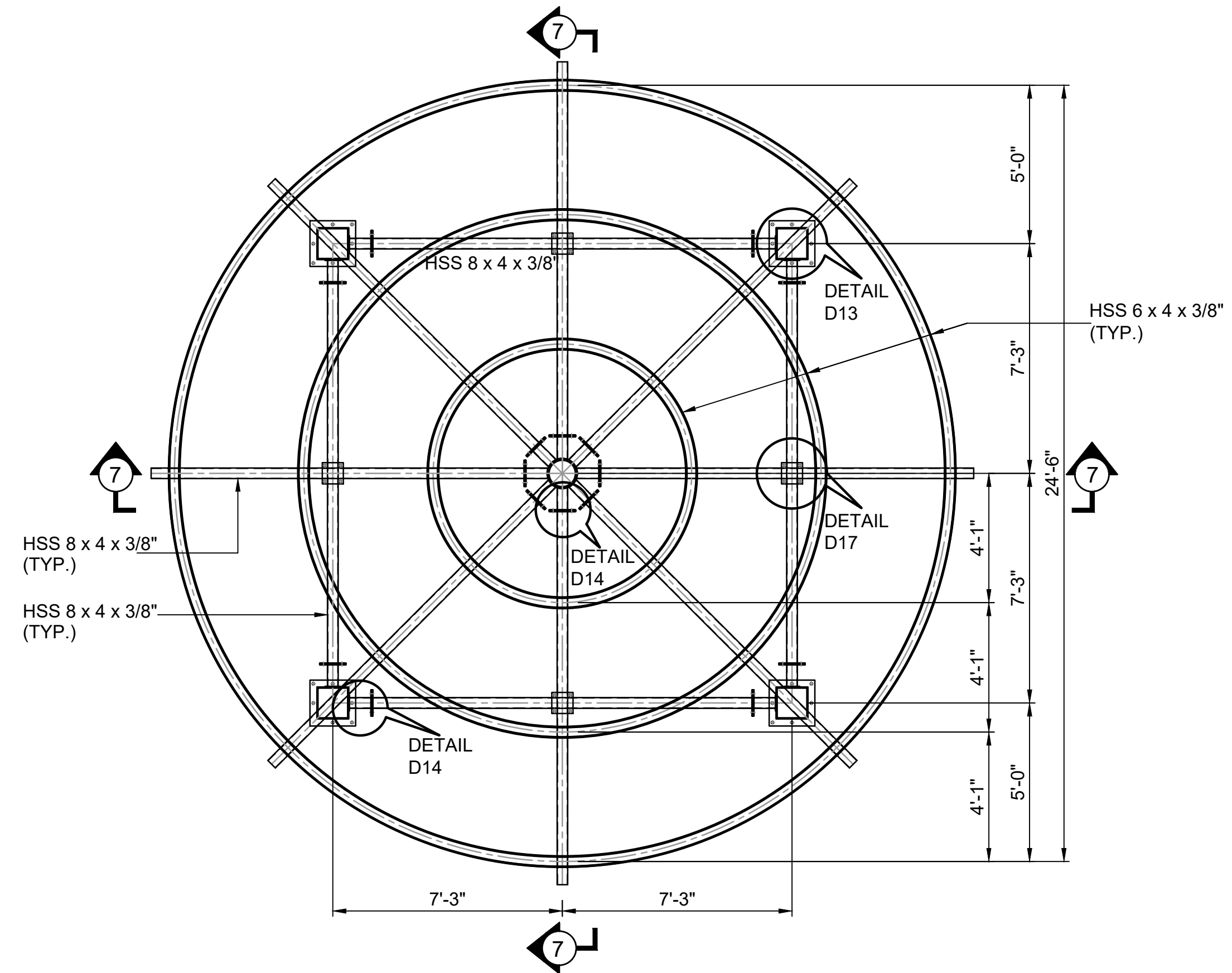
06-14-2023

REVISION DATES

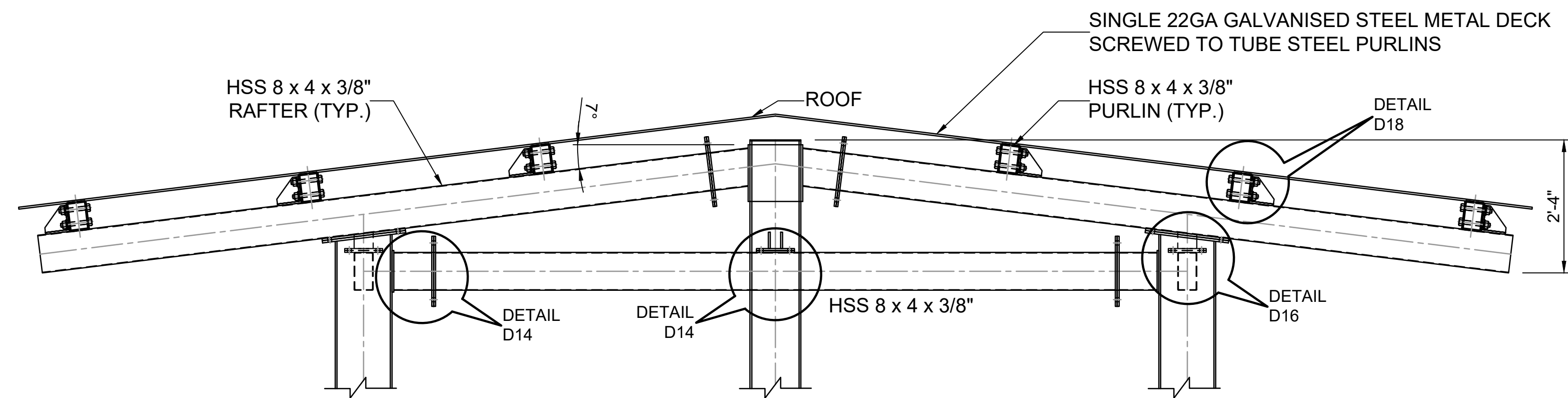
NO.	DATE	DESCRIPTION

**STRUCTURAL FRAME DETAIL-2A
OBSERVATION TOWER**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 5A OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



ROOF PLAN
VIEW FROM - 'D - D'
SCALE=1:25



SECTION '7 - 7'
SCALE=1:25

NOTE:-

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2. ALL LEVEL ARE FEETS.
3. ALL STRUCTURAL STEEL TO BE IN GALVANIZED STEEL.
4. FOR CONNECTION DETAILS D13,14,16,17,18 REFER SHEET NO.- 10 OF 10.



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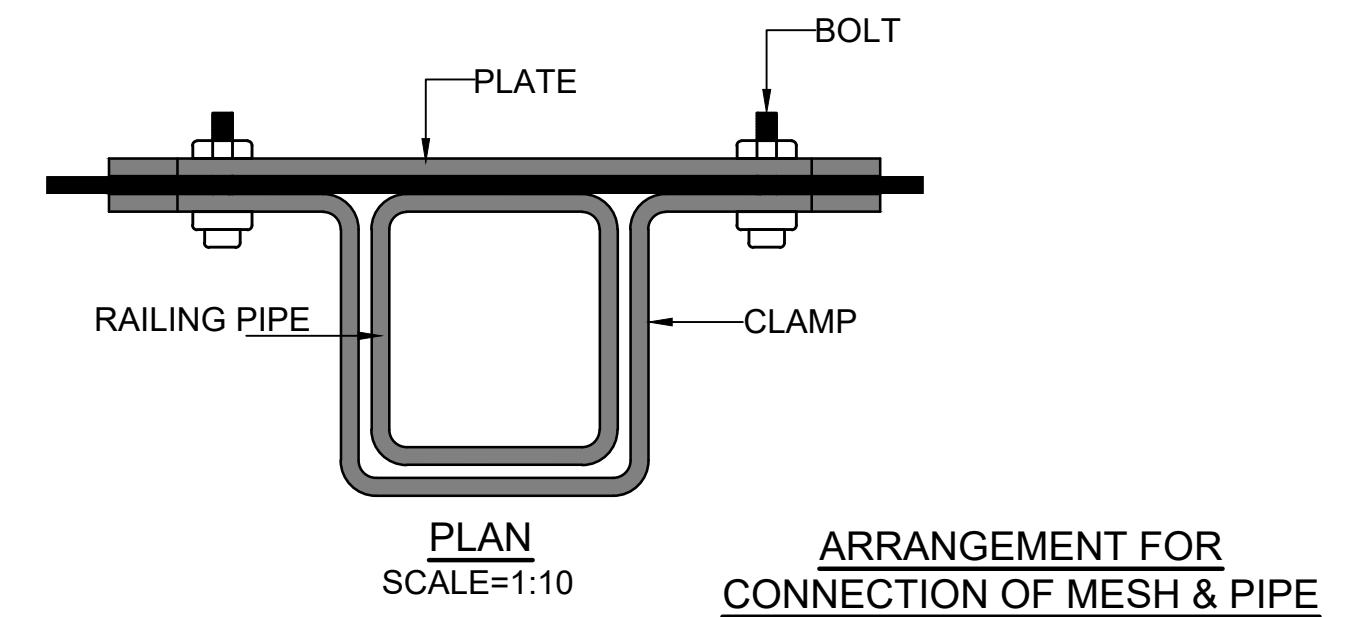
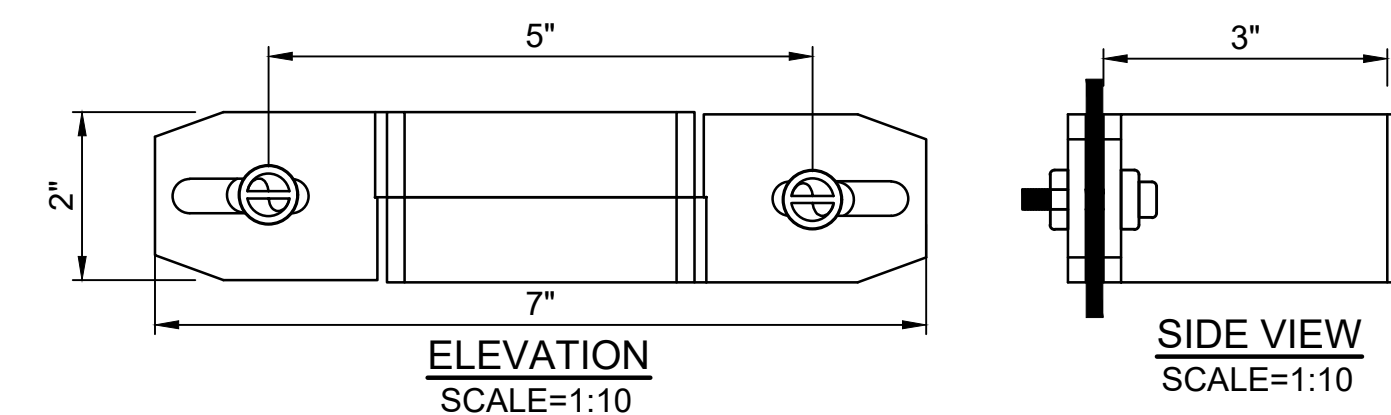
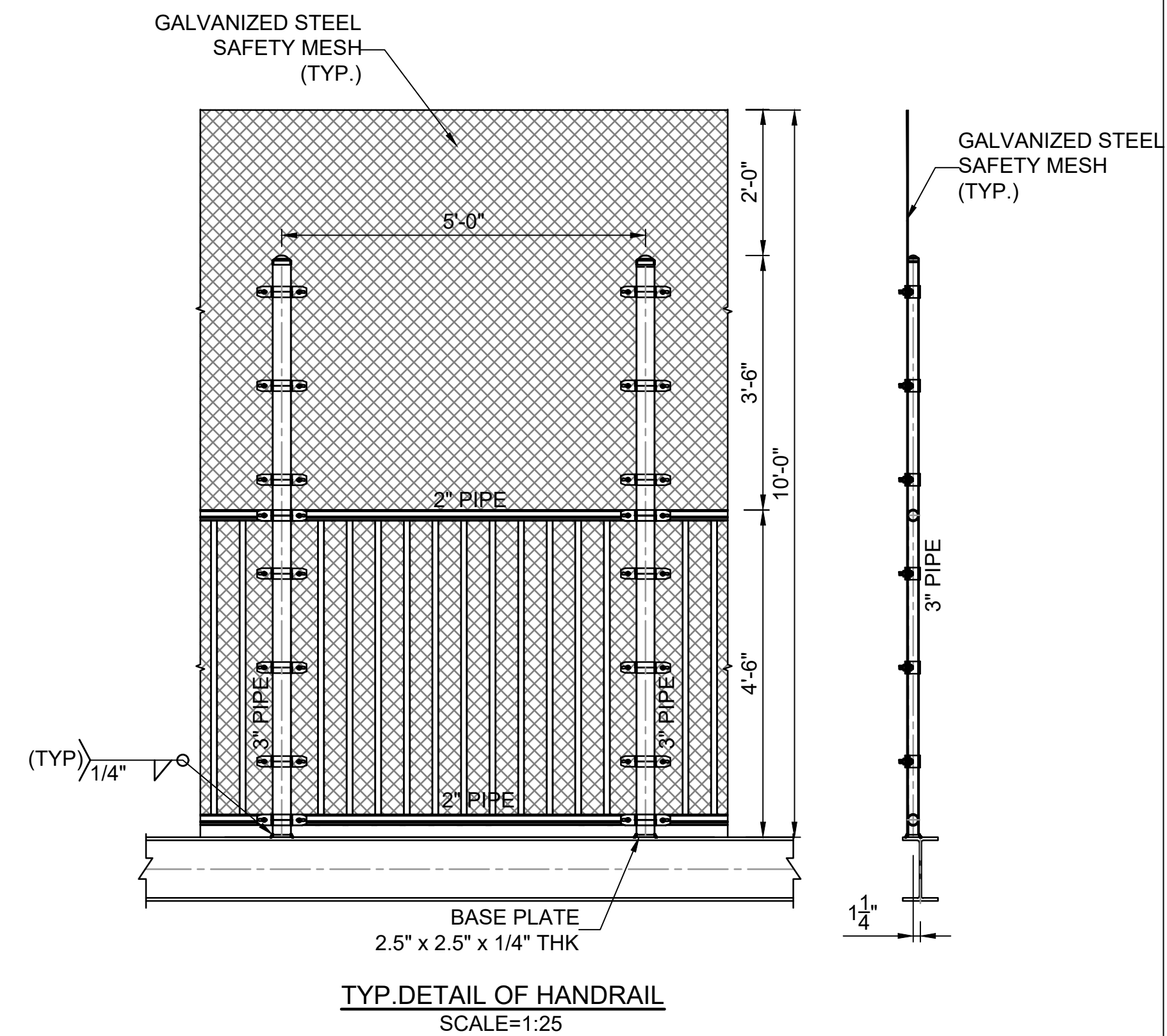
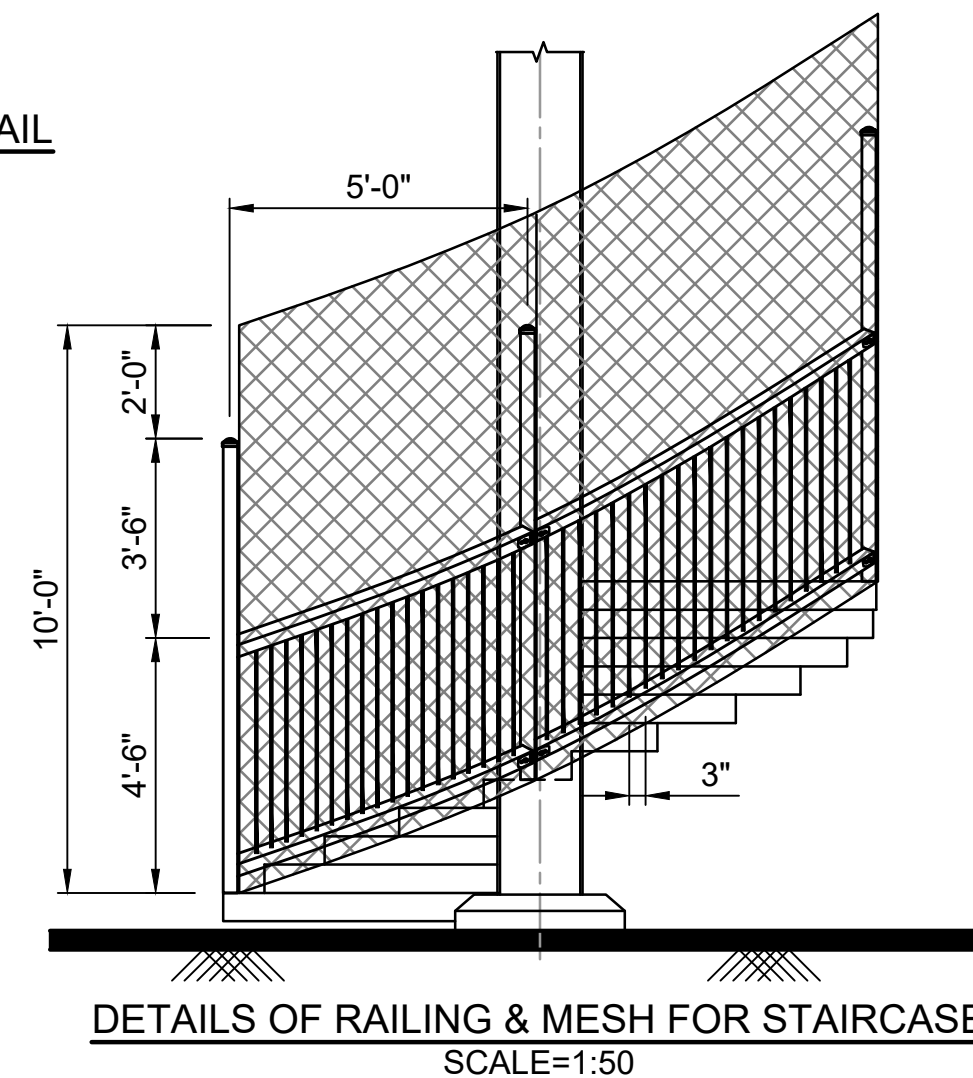
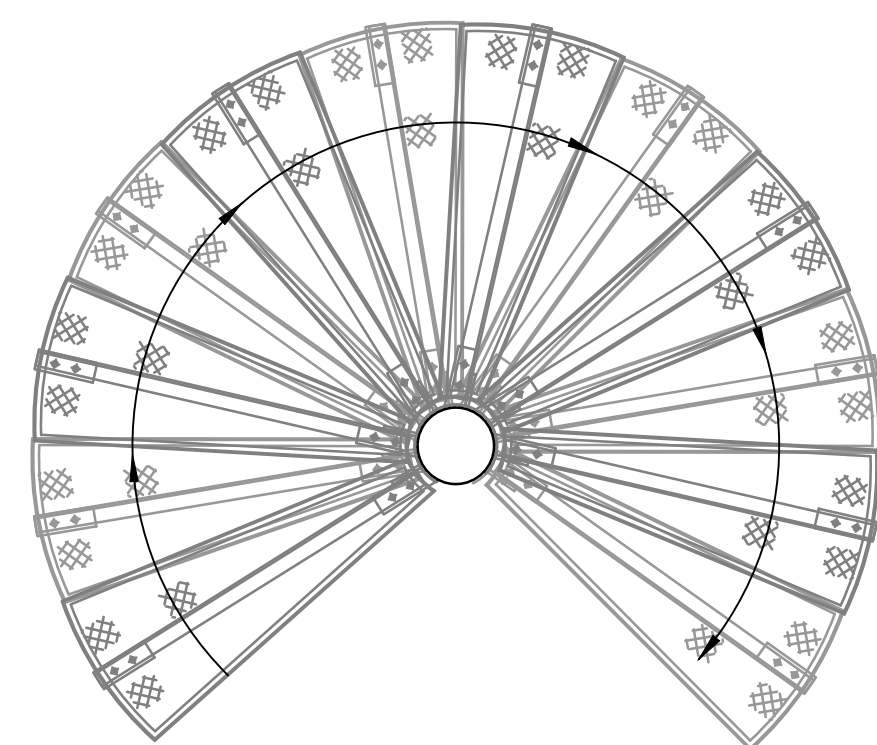
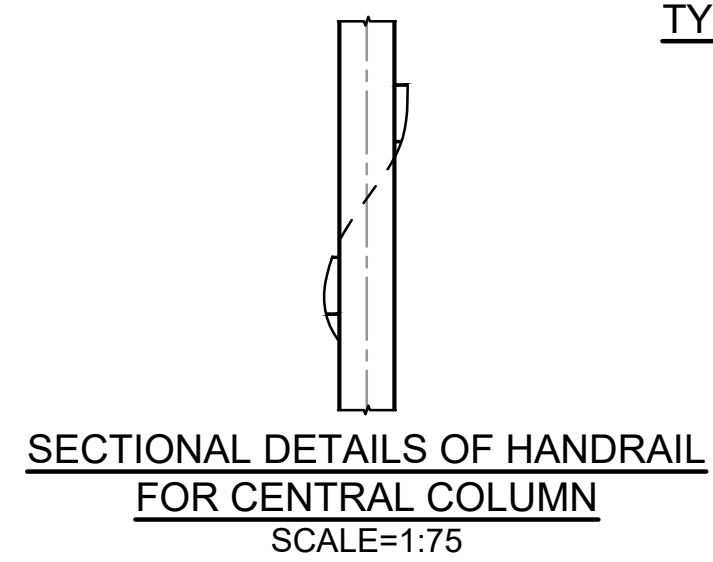
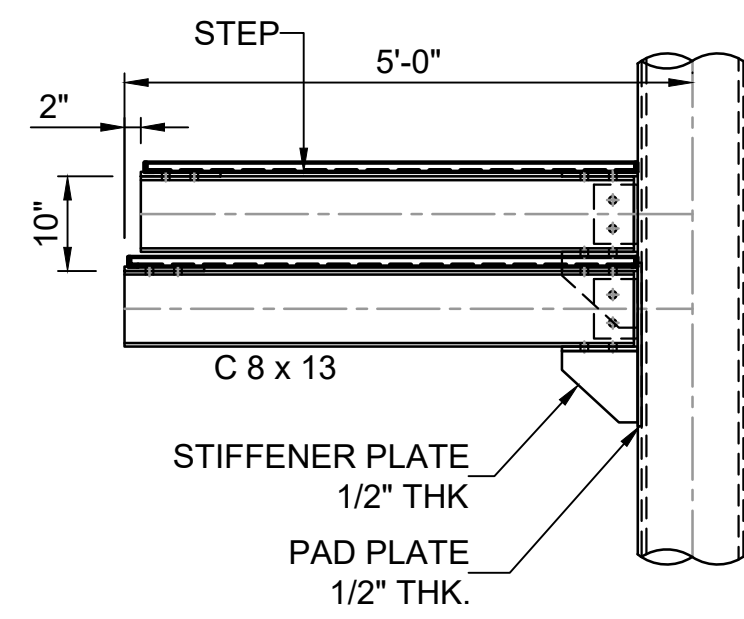
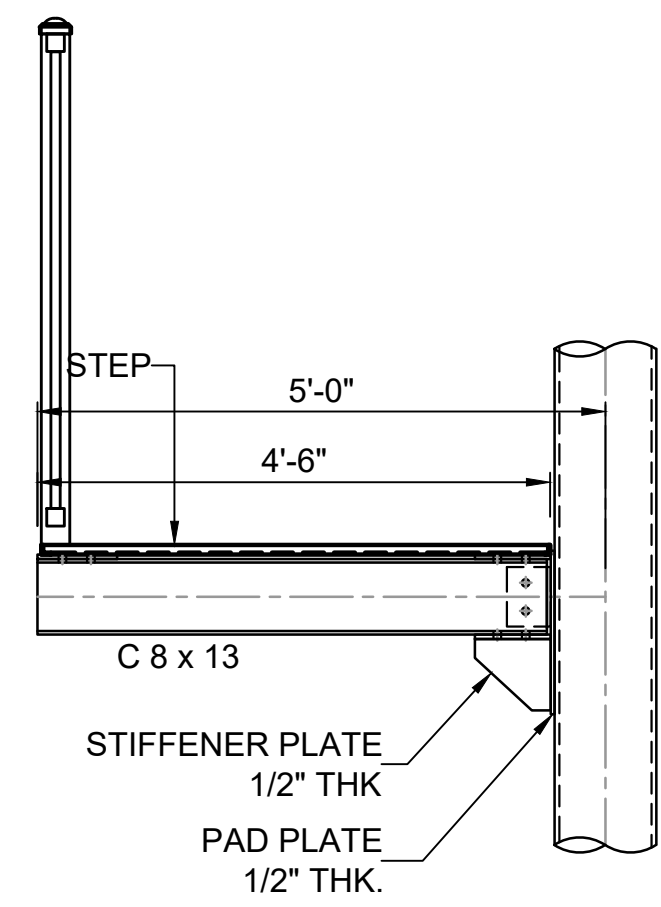
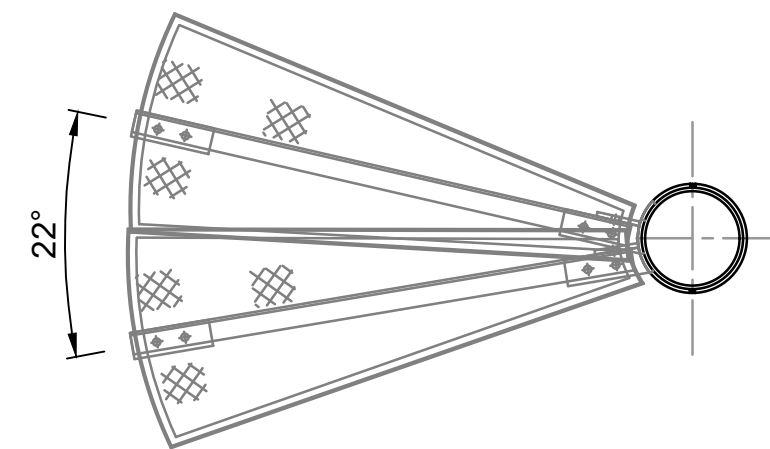
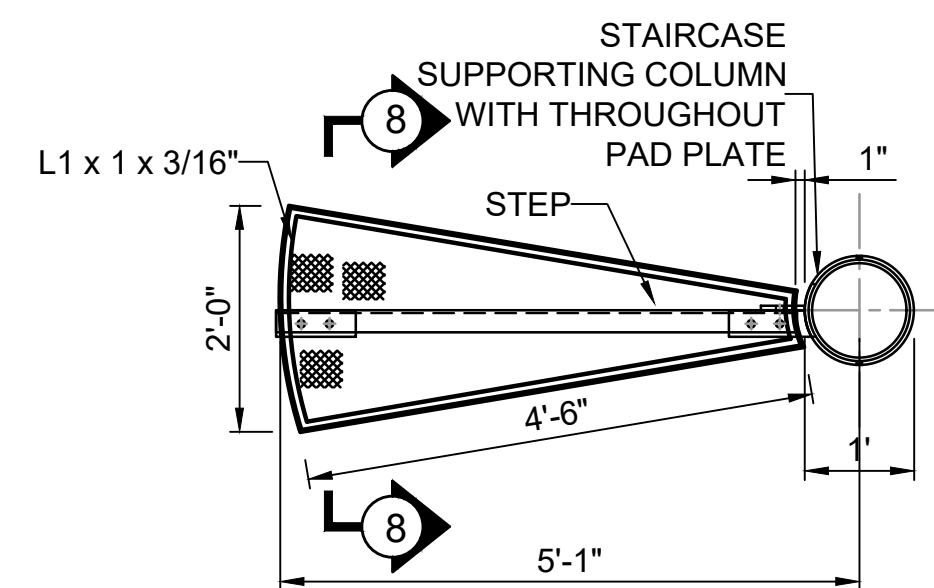
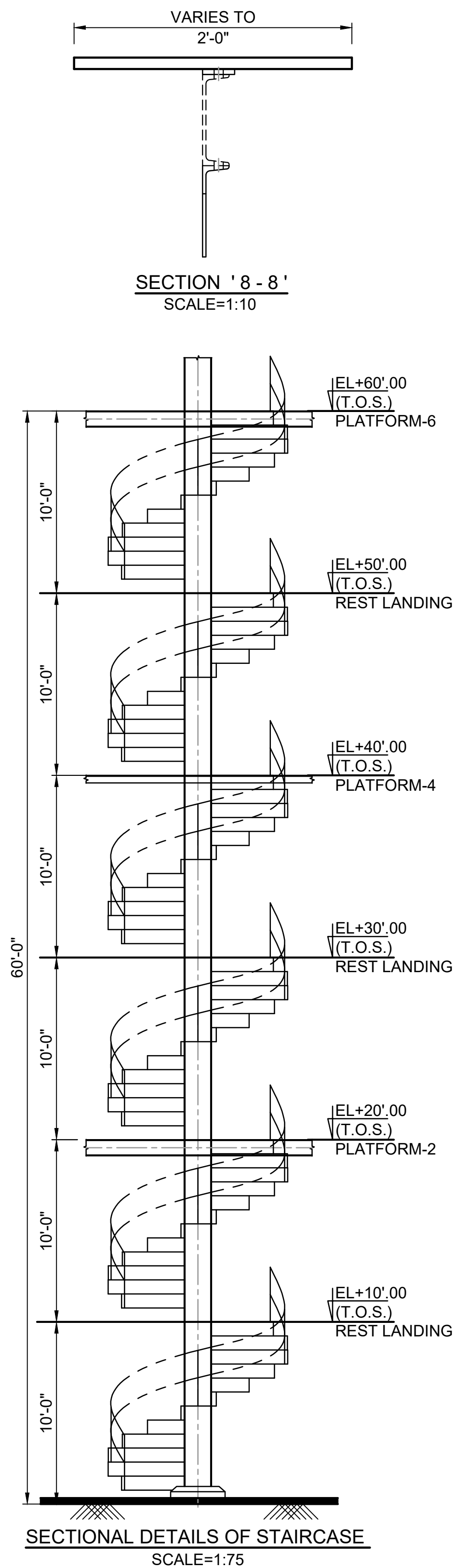
06-14-2023

REVISION DATES

No.	Description	Date

STRUCTURAL FRAME DETAIL-3
OBSERVATION TOWER

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 6 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NOTE:-
1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE SPECIFIED.



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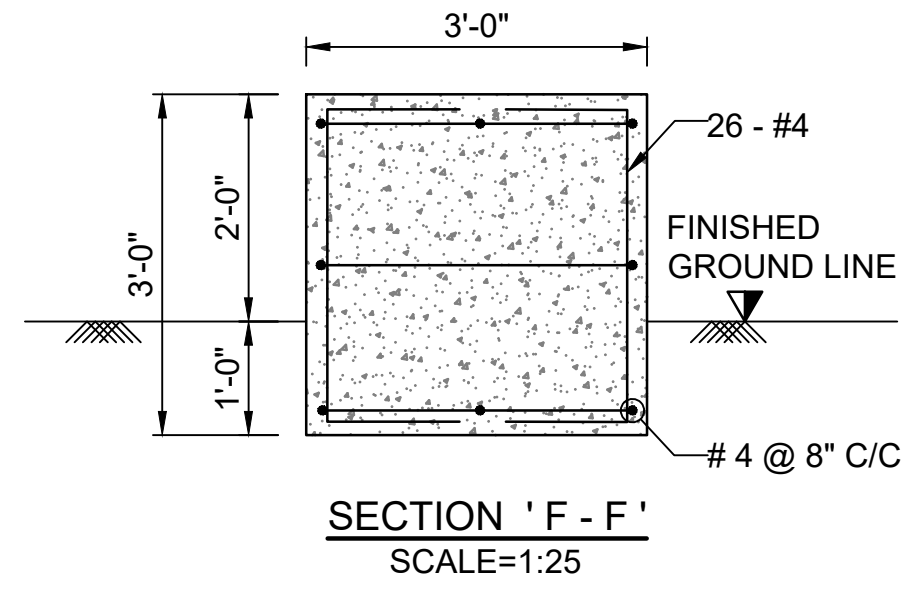
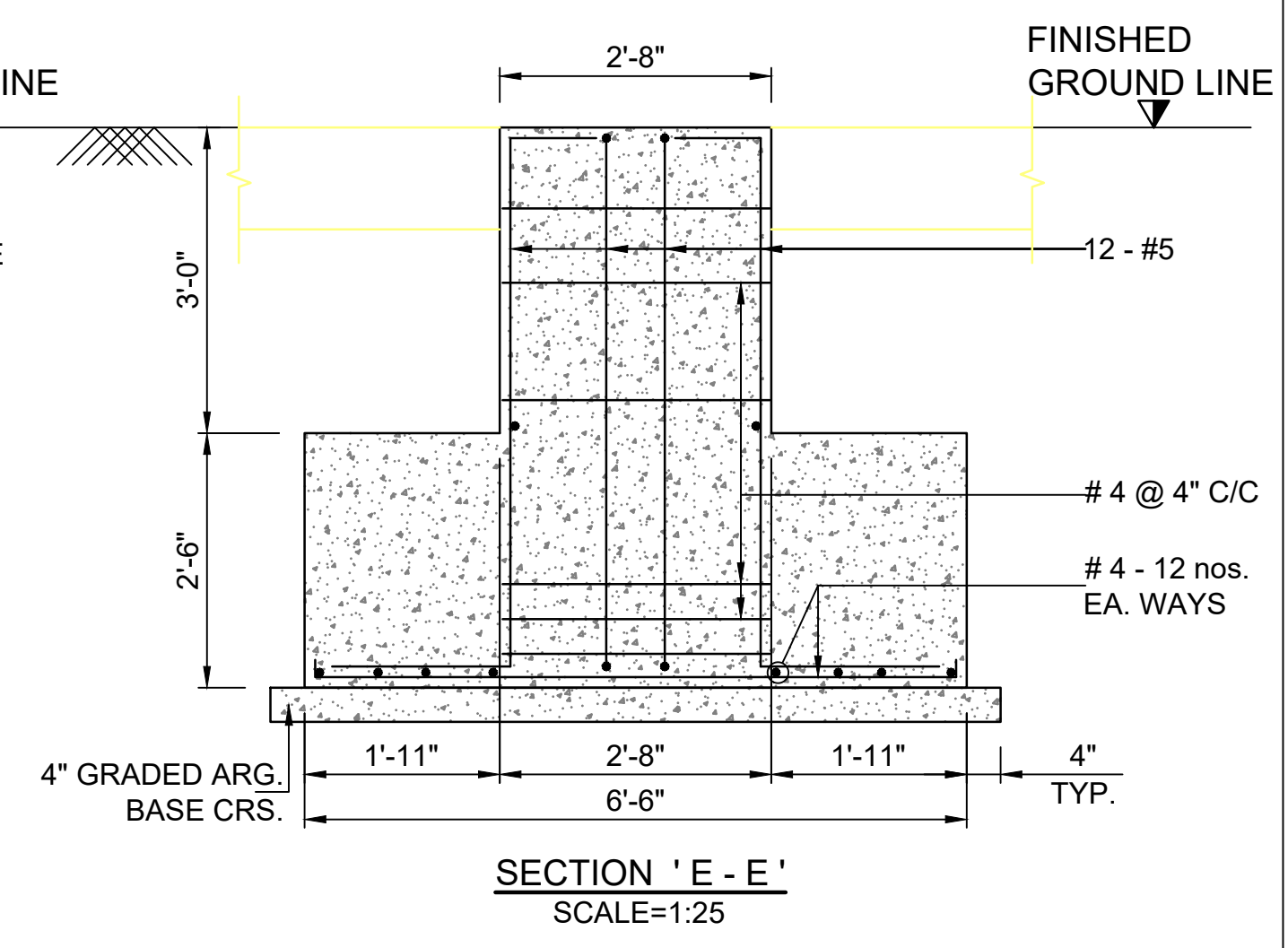
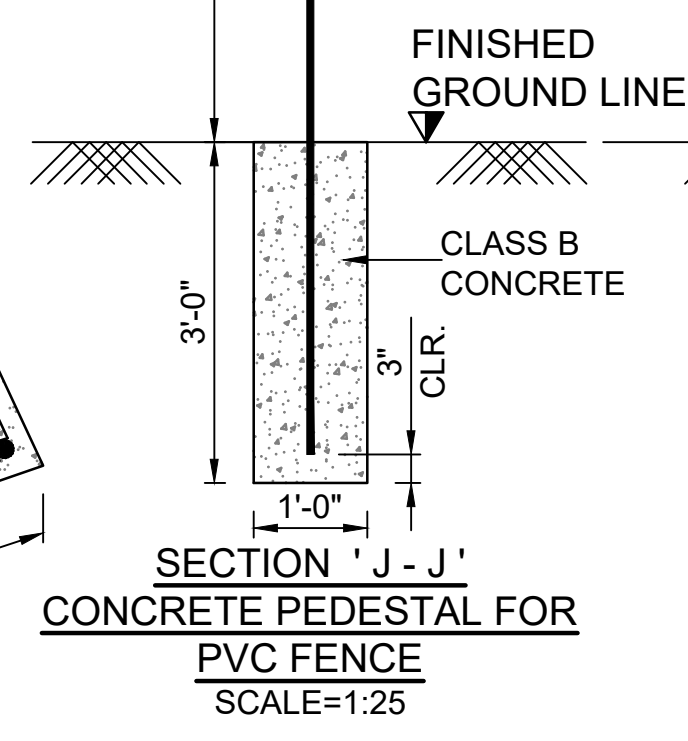
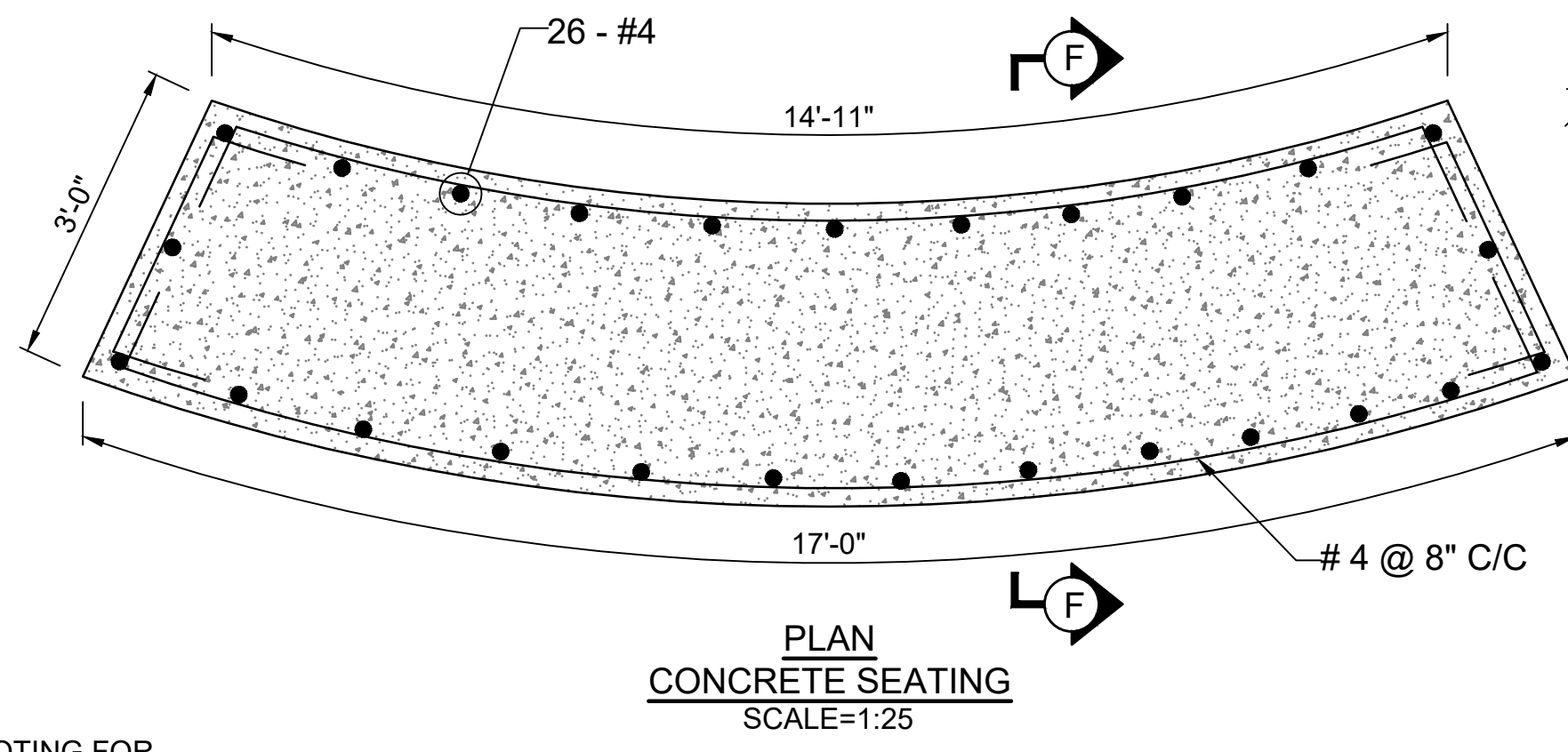
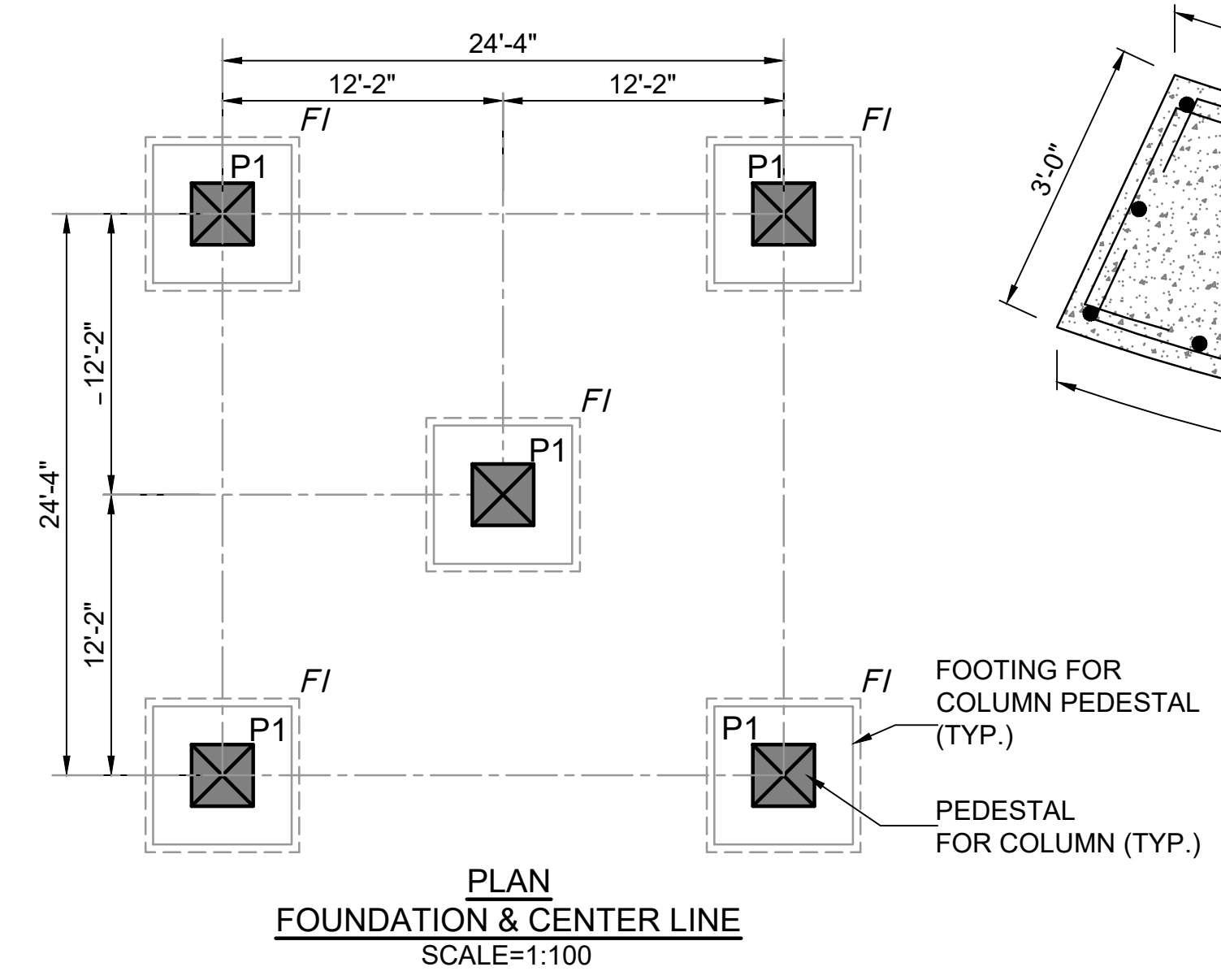
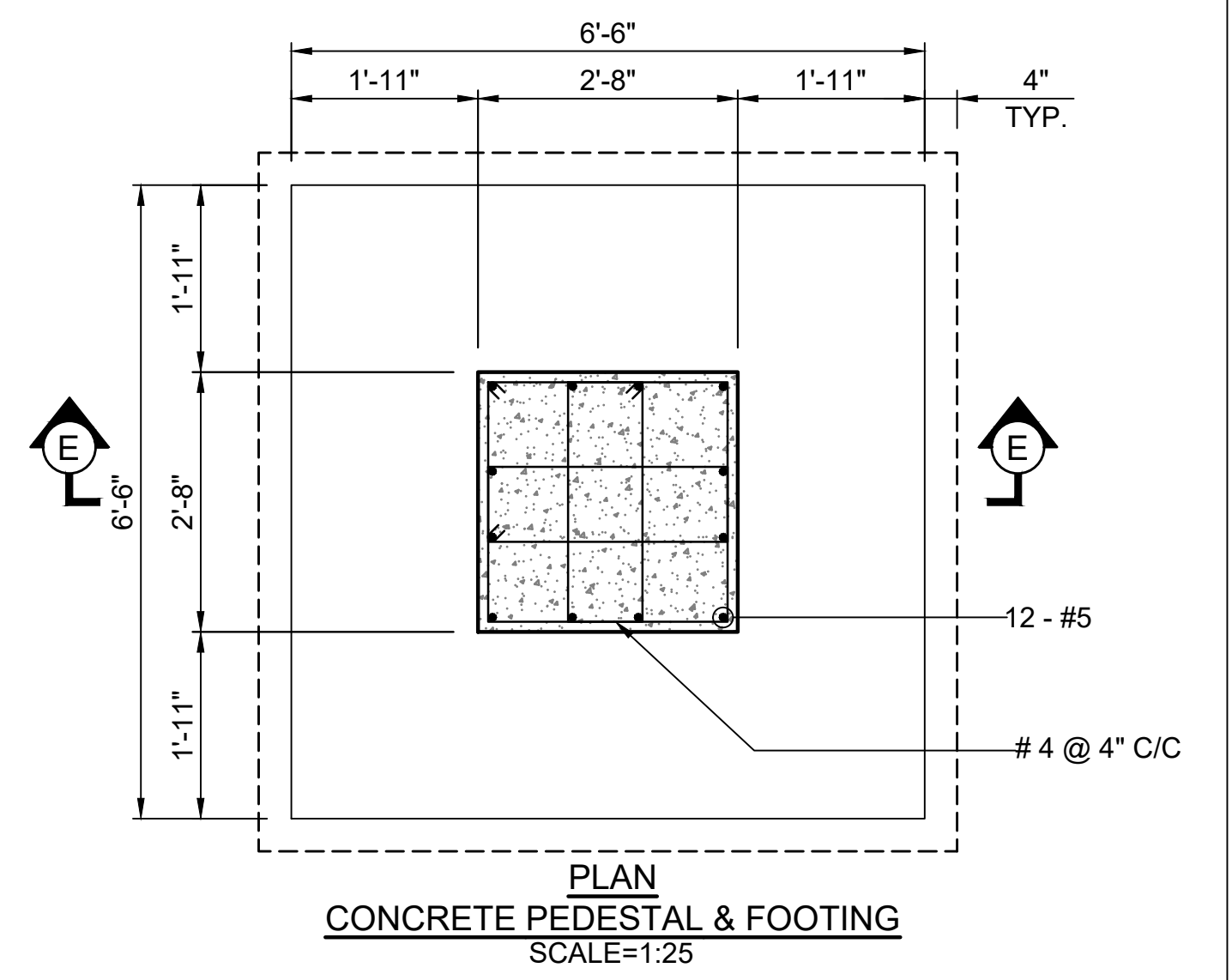
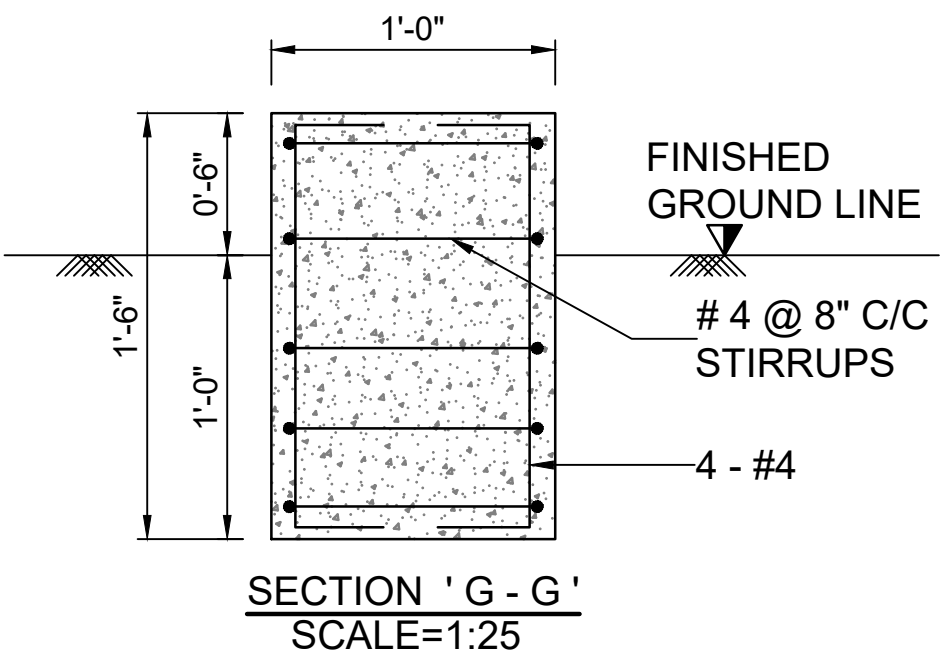
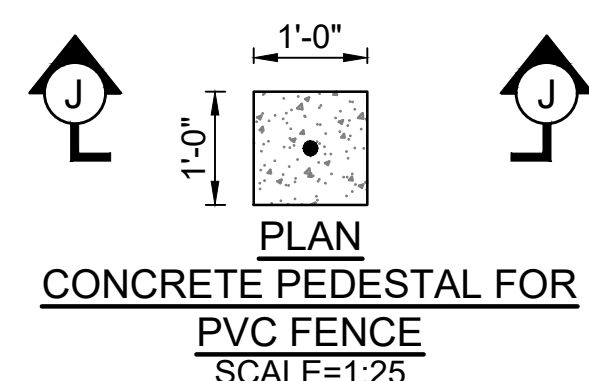
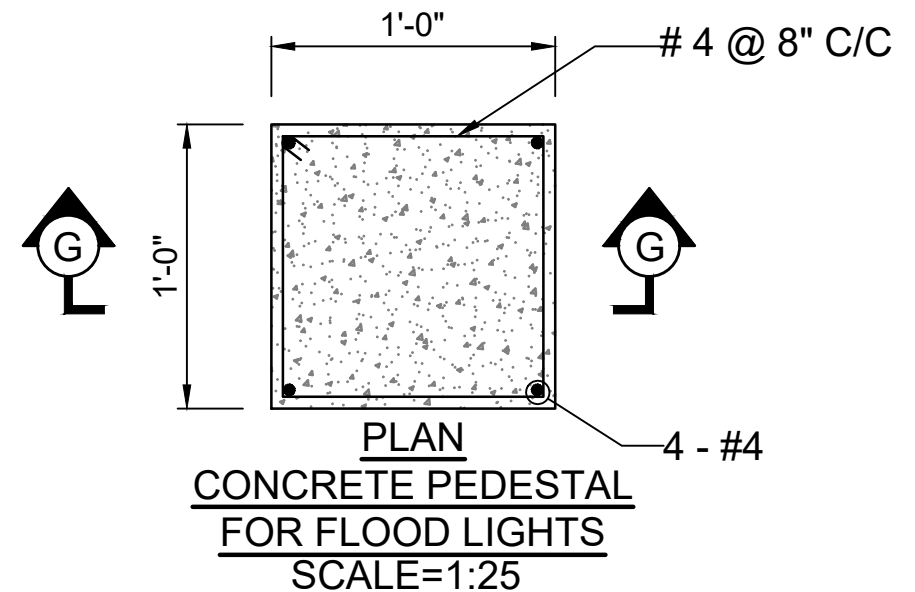
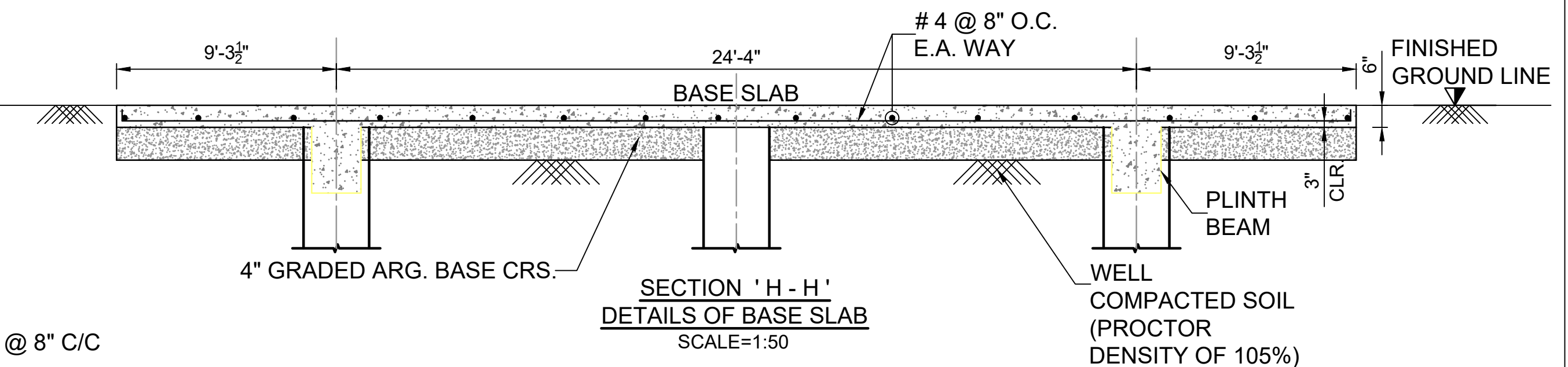
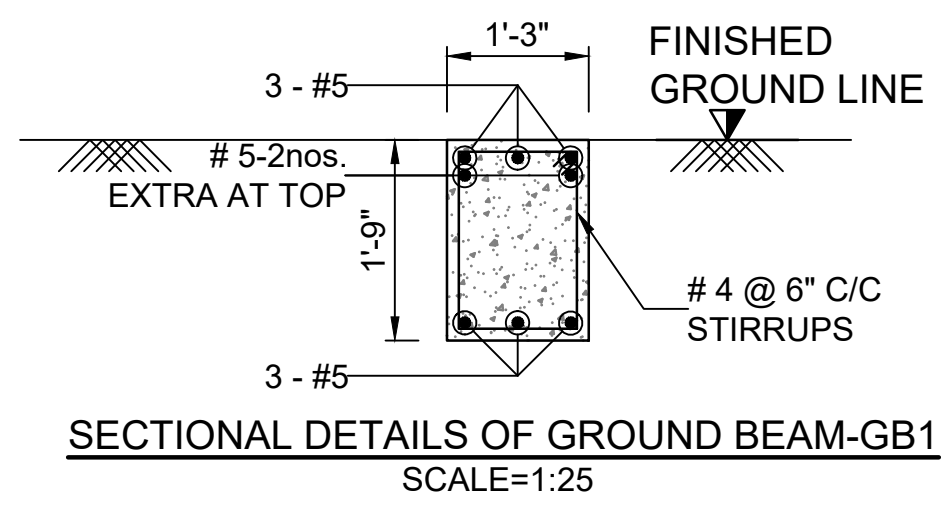
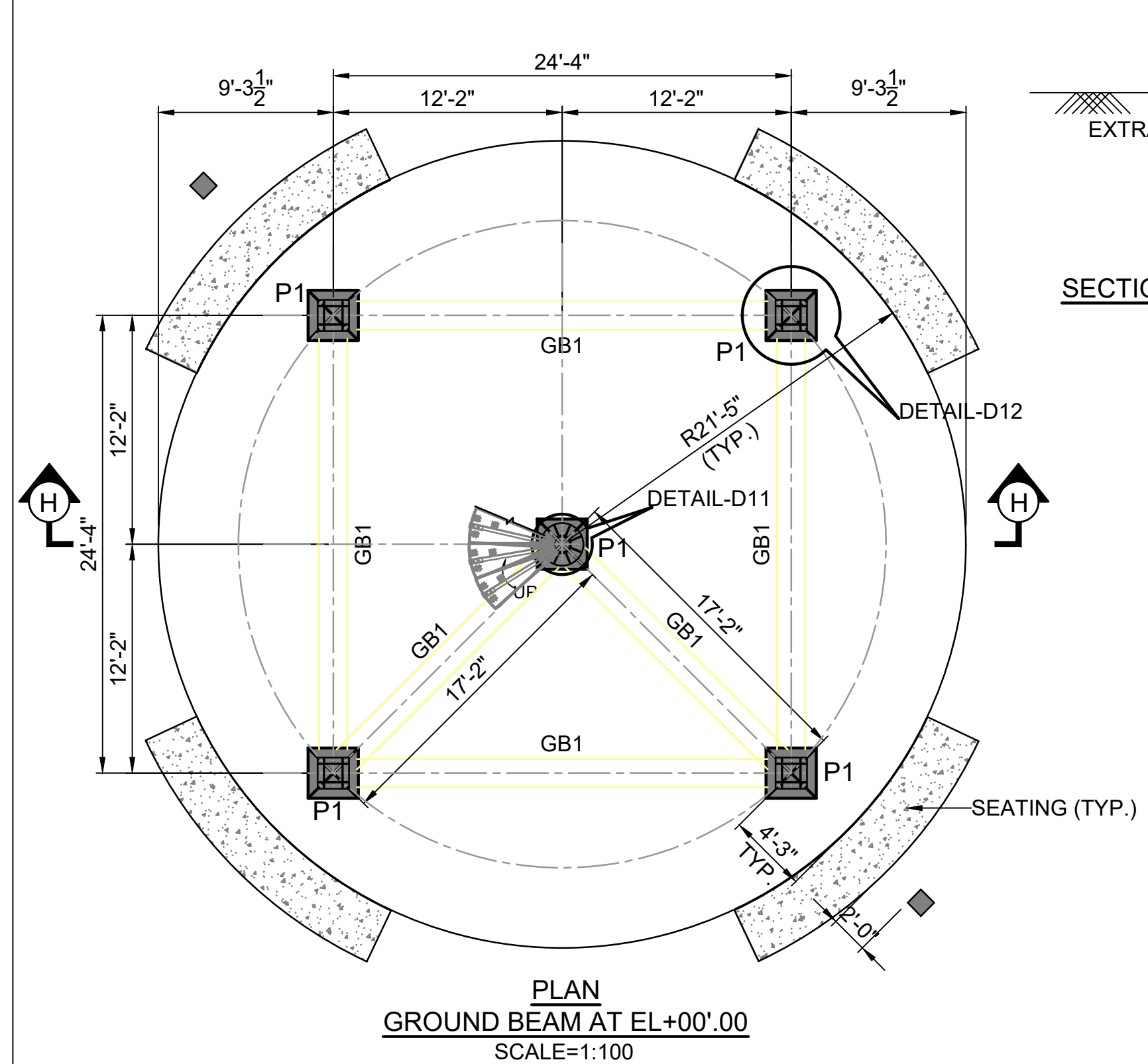
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REVISION DATES

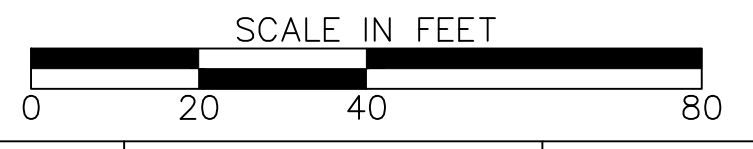
NO.	DATE	DESCRIPTION

STRUCTURAL FRAME DETAIL-4
OBSERVATION TOWER

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 7 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NOTE:-
1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE SPECIFIED.
2. FOR CONNECTION DETAILS D11,12 REFER SHEET NO.- 10 OF 10.



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OPP.MAI MANGESHKAR HOSPITAL, PUNE-MUMBAI BYPASS
HIGHWAY, WARJE, PUNE, INDIA - 411058.
Contact : +91 9552541988 Email : cvpcpl@gmail.com



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ALPHARETTA, GA 30022
PHONE: 678-366-9375

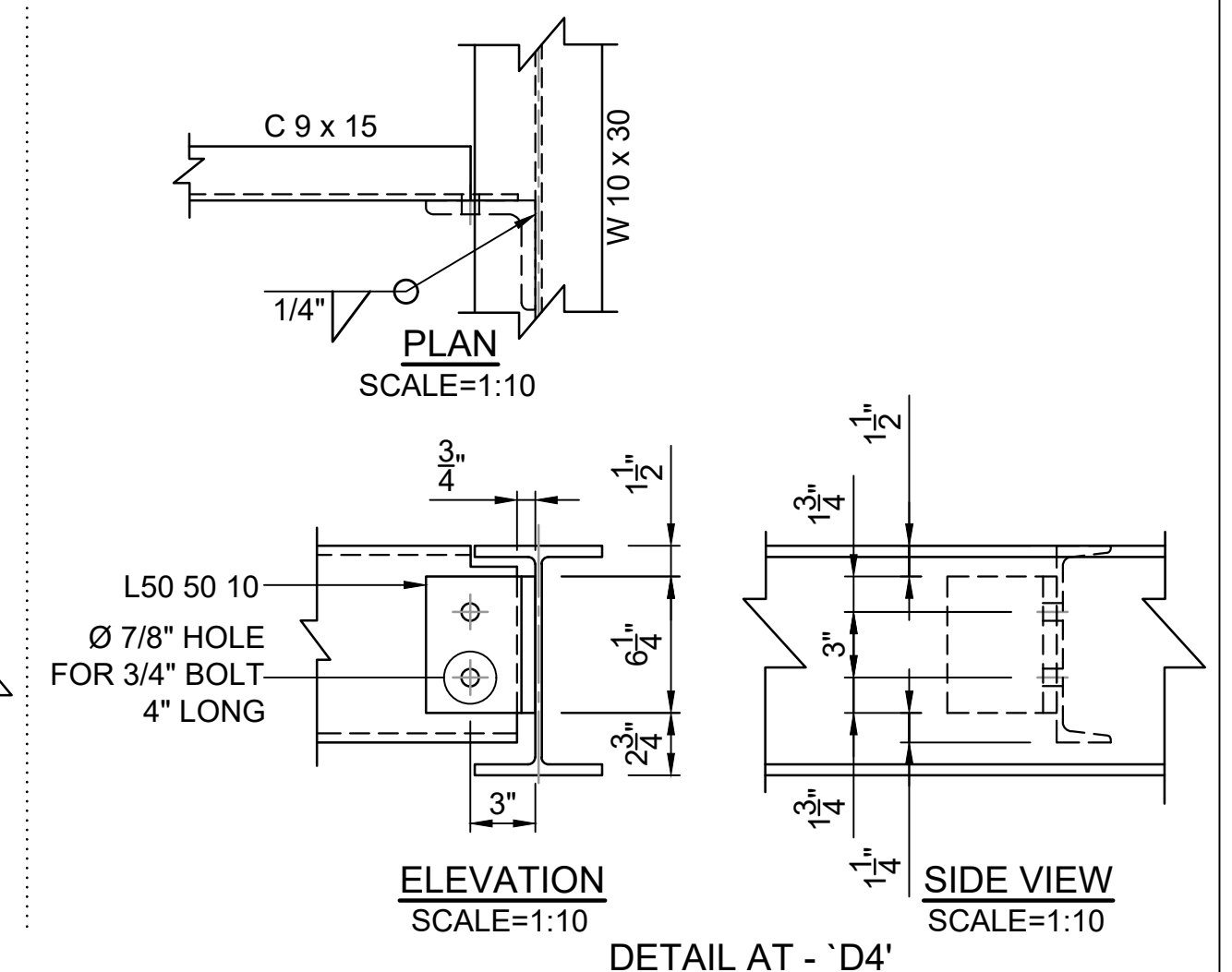
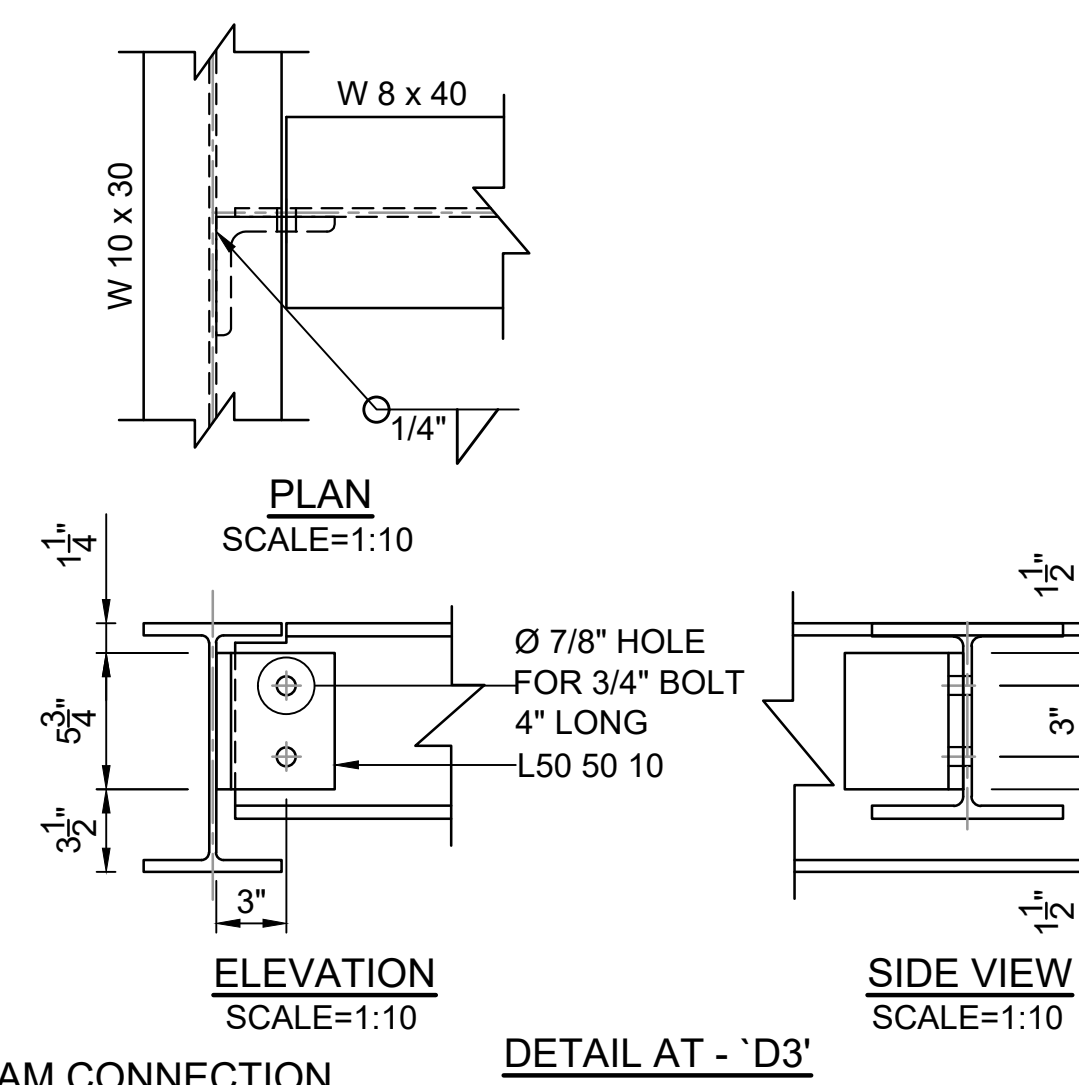
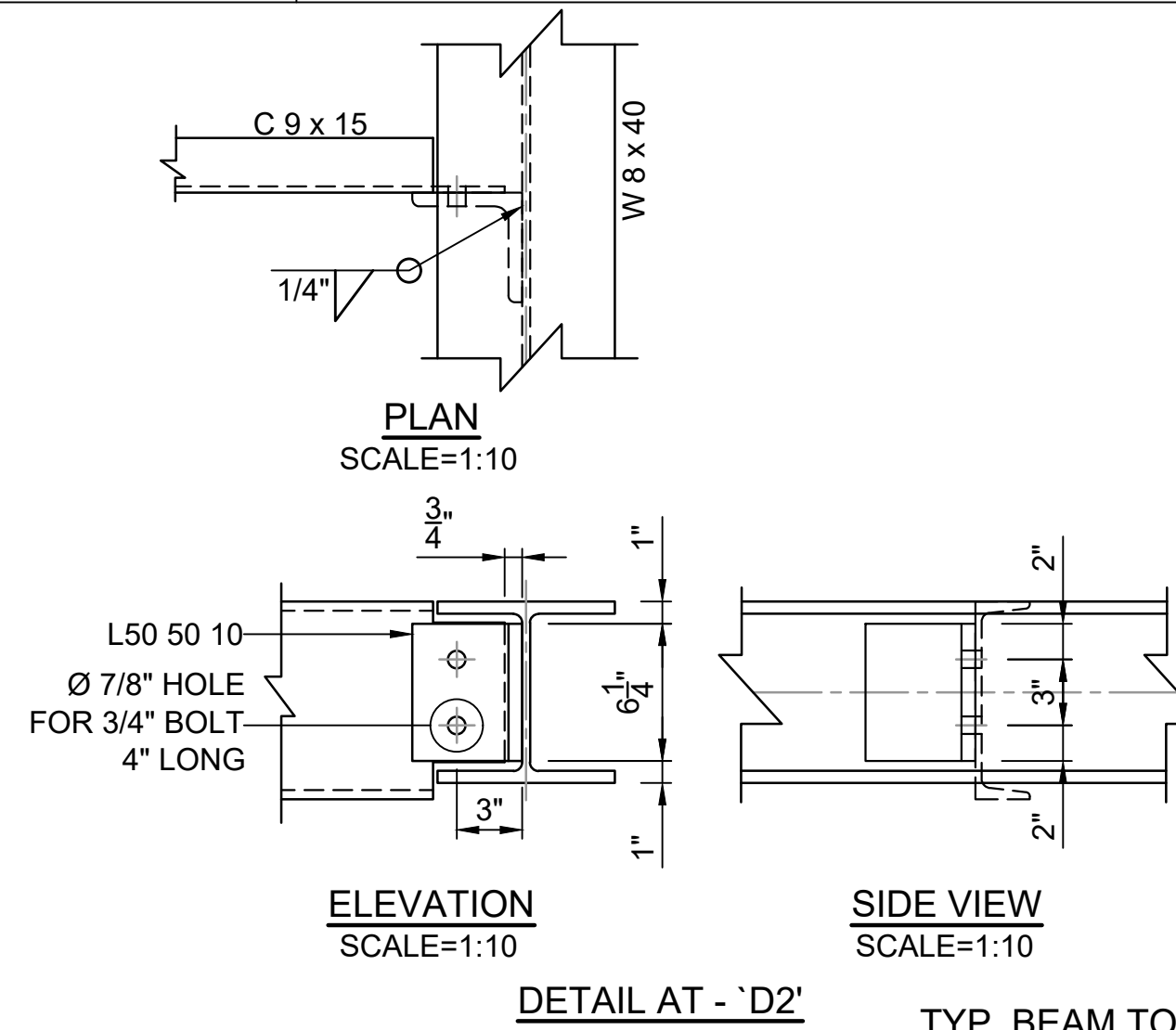
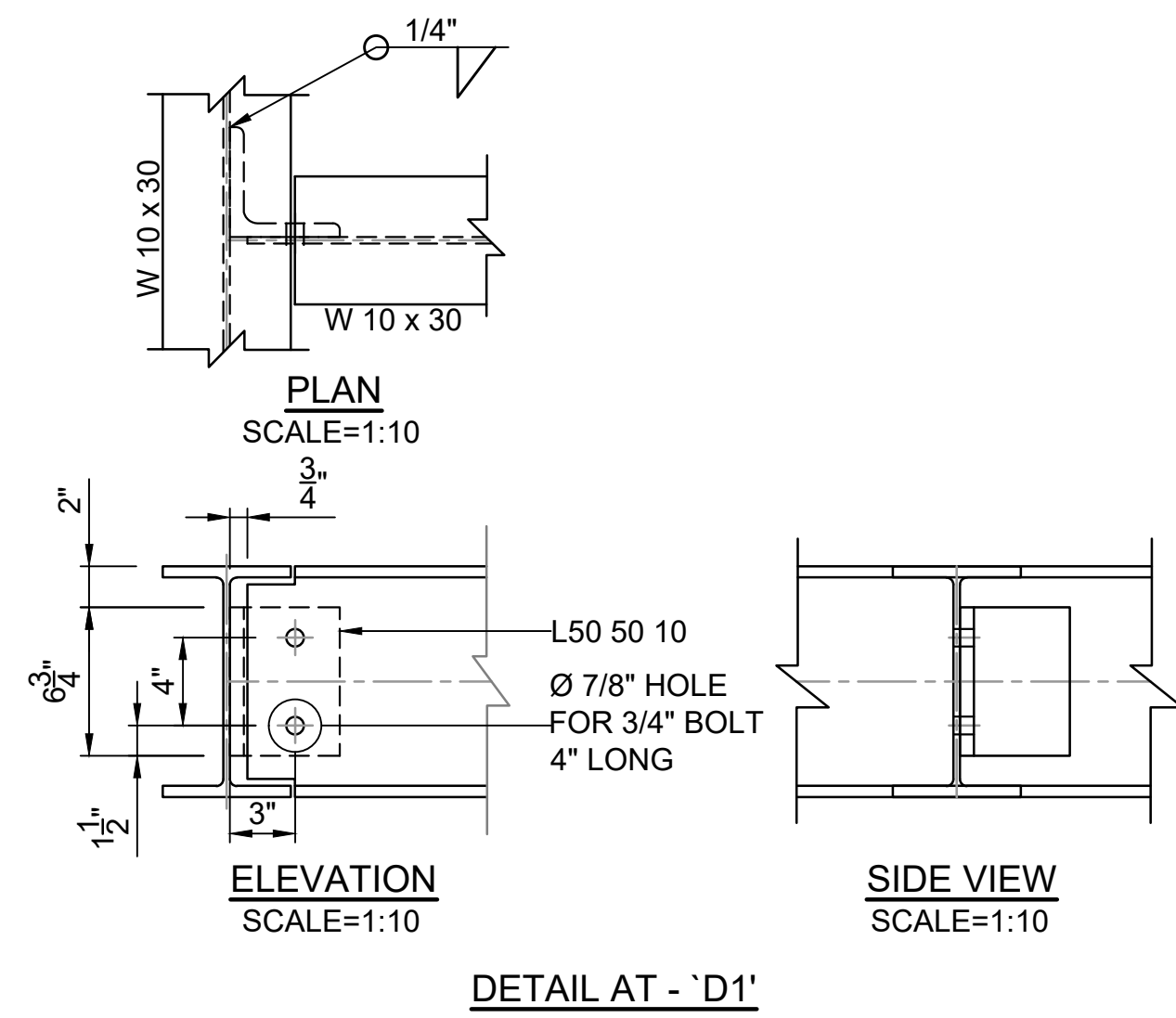


06-14-2023

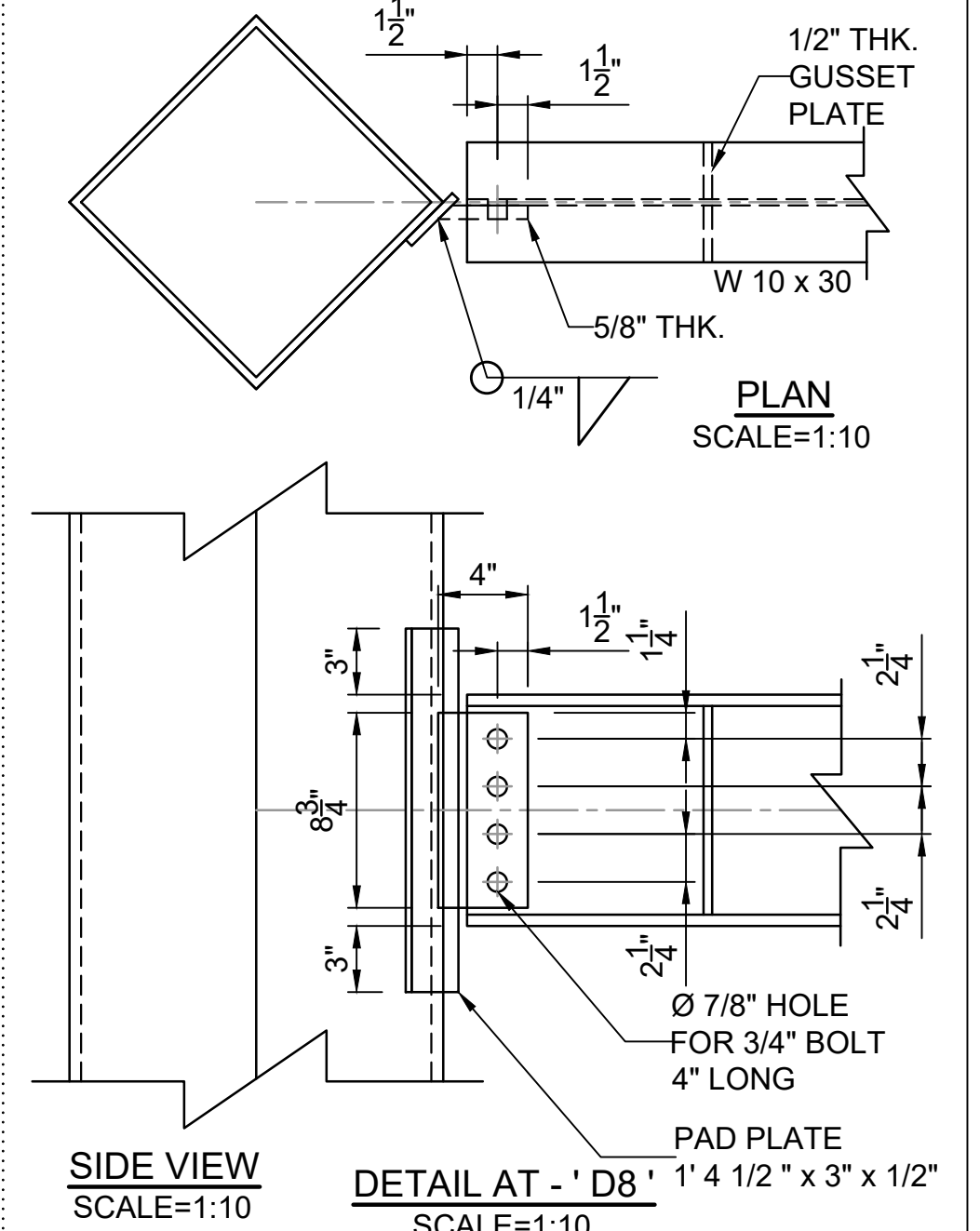
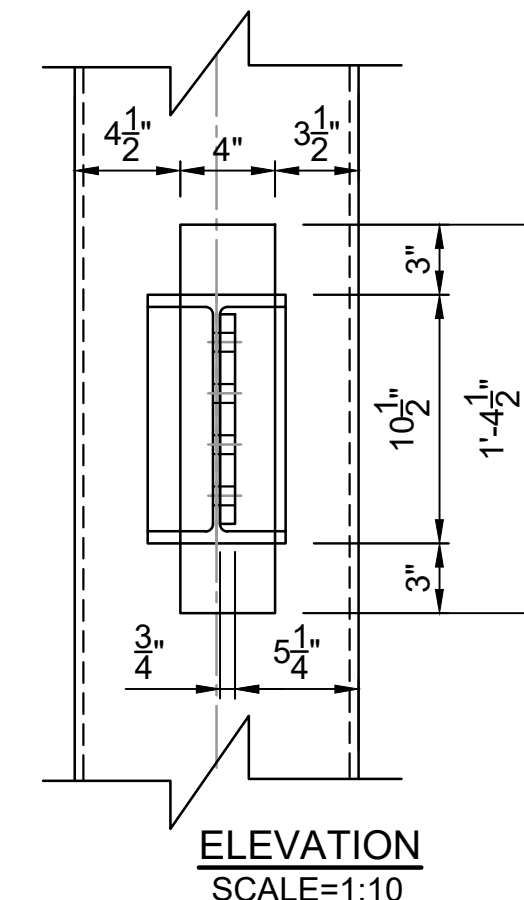
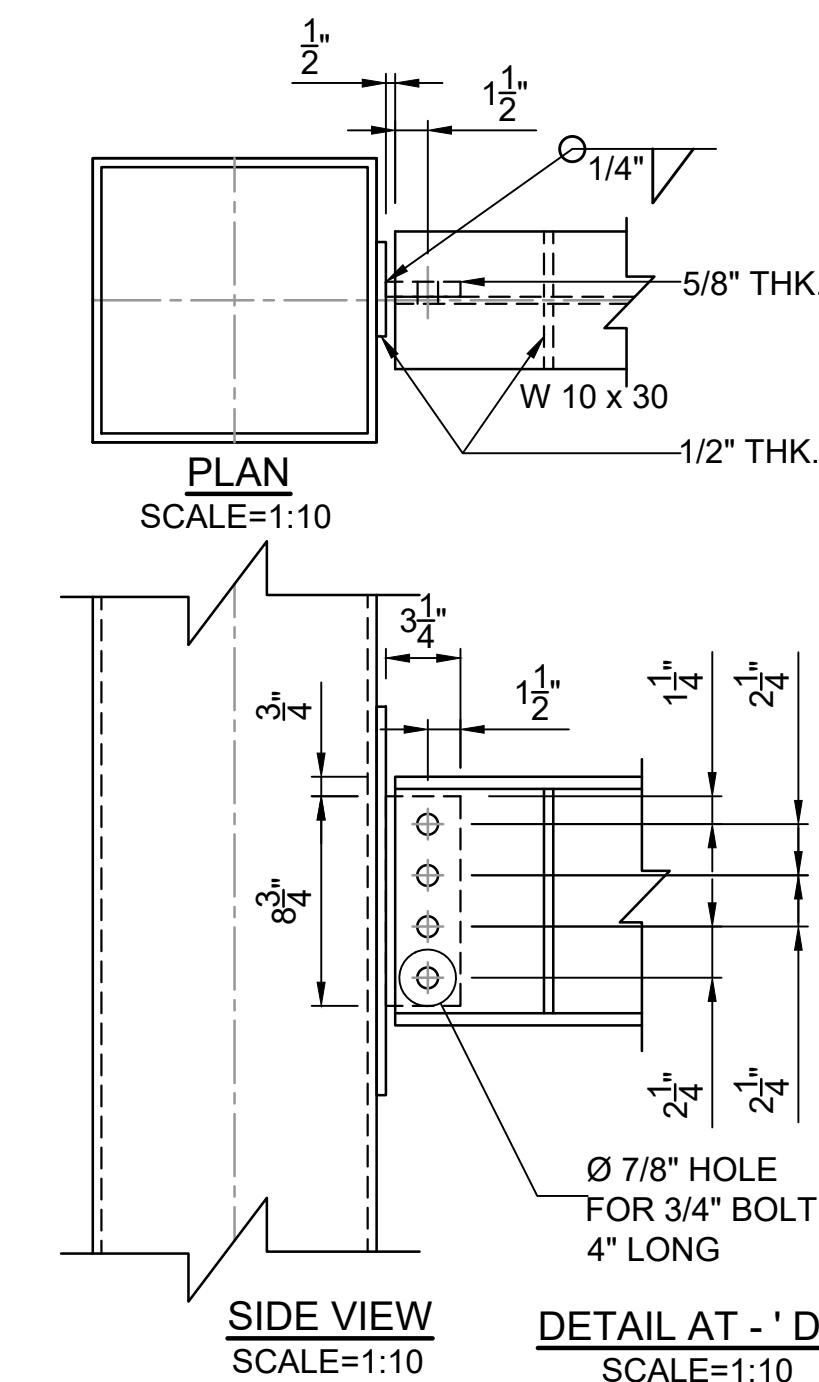
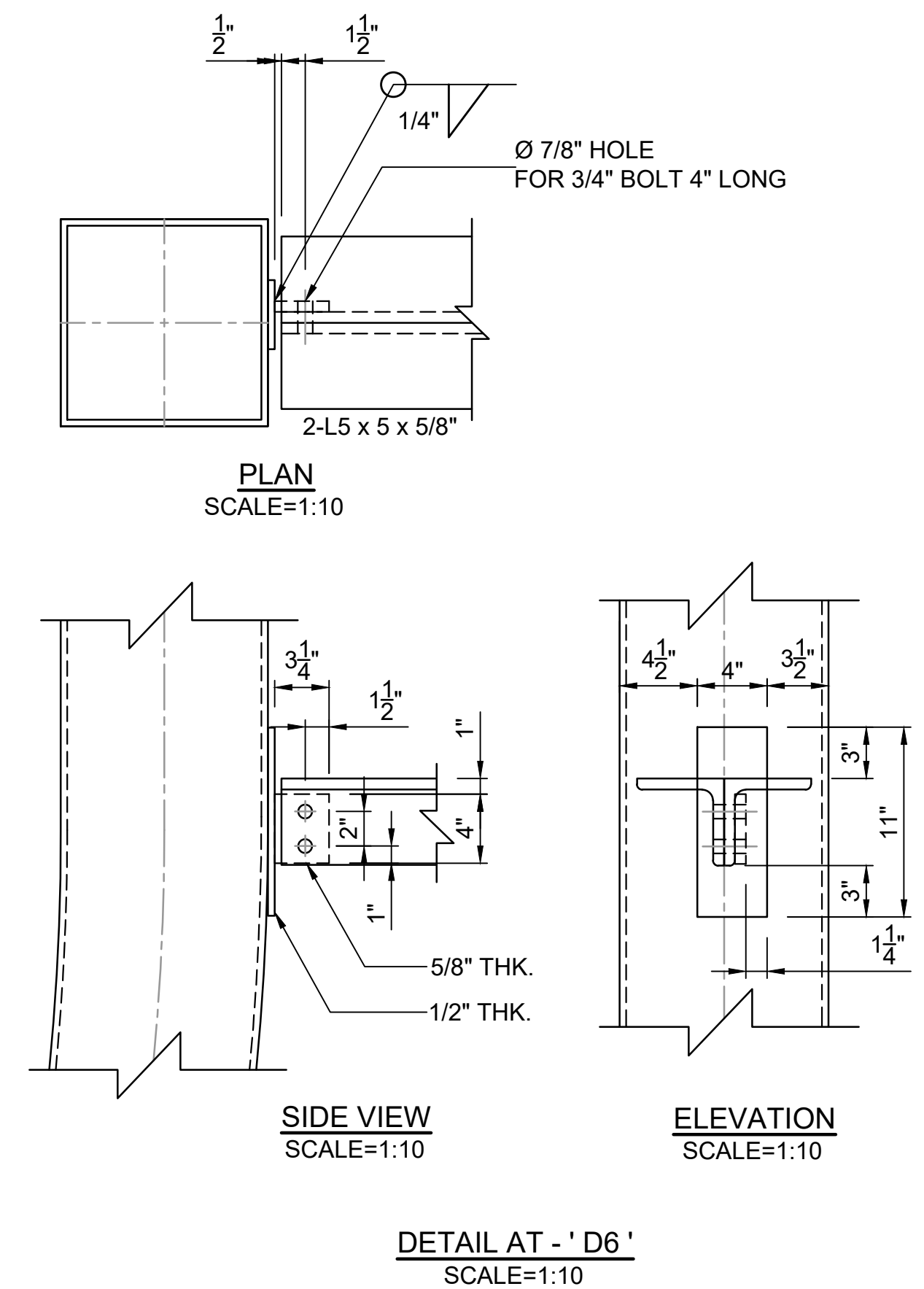
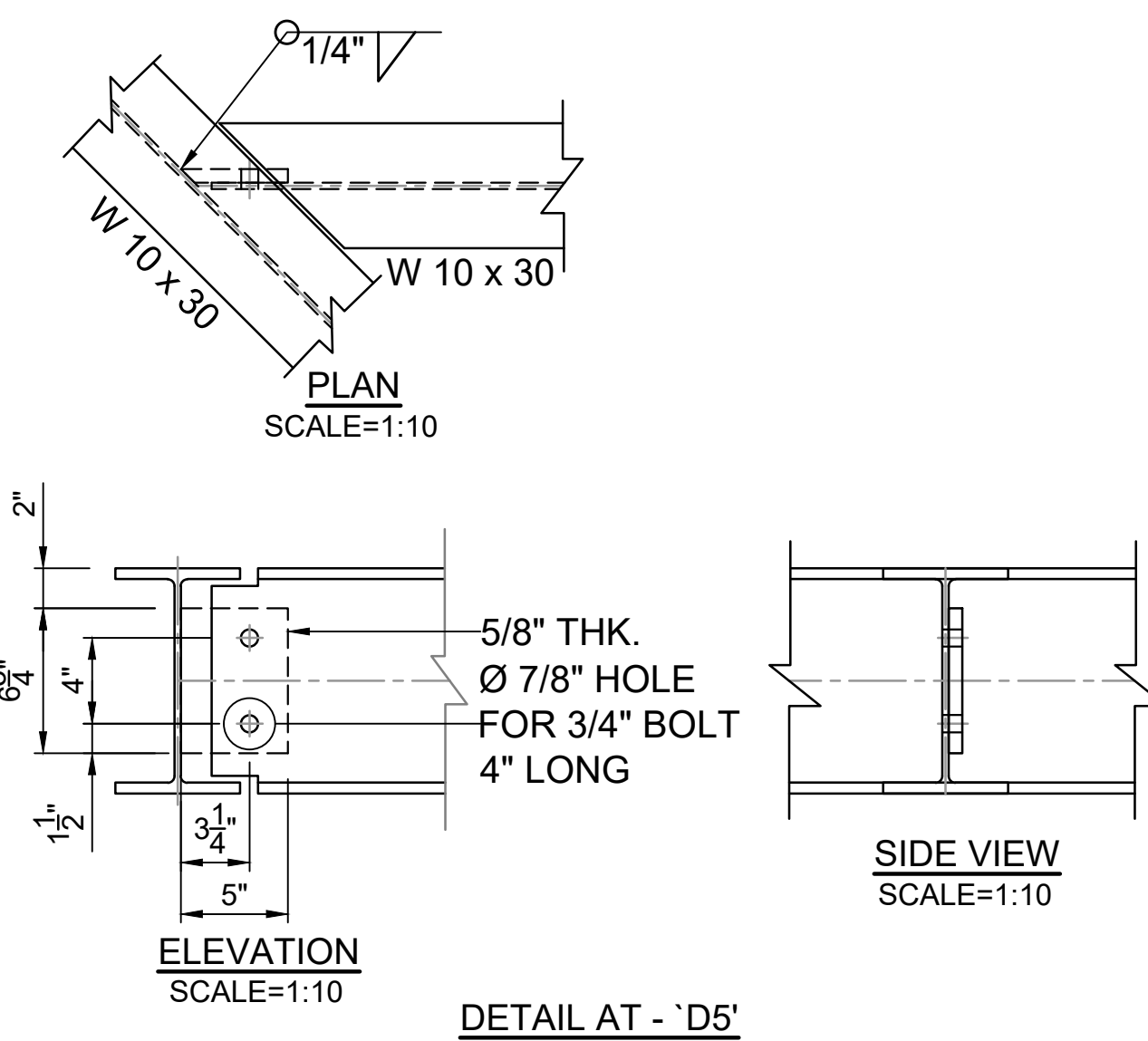
REVISION DATES	

**FOUNDATION & PEDESTAL
OBSERVATION TOWER**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	SHEET 8 OF 10
CORRECTED:	DATE:	
VERIFIED:	DATE:	



TYP. BEAM TO BEAM CONNECTION



TYP. COLUMN TO BEAM CONNECTION

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 HIGHWAY, WARJE, PUNE, INDIA - 411058.
 Contact : +91 9552541988 Email : cvpcpl@gmail.com

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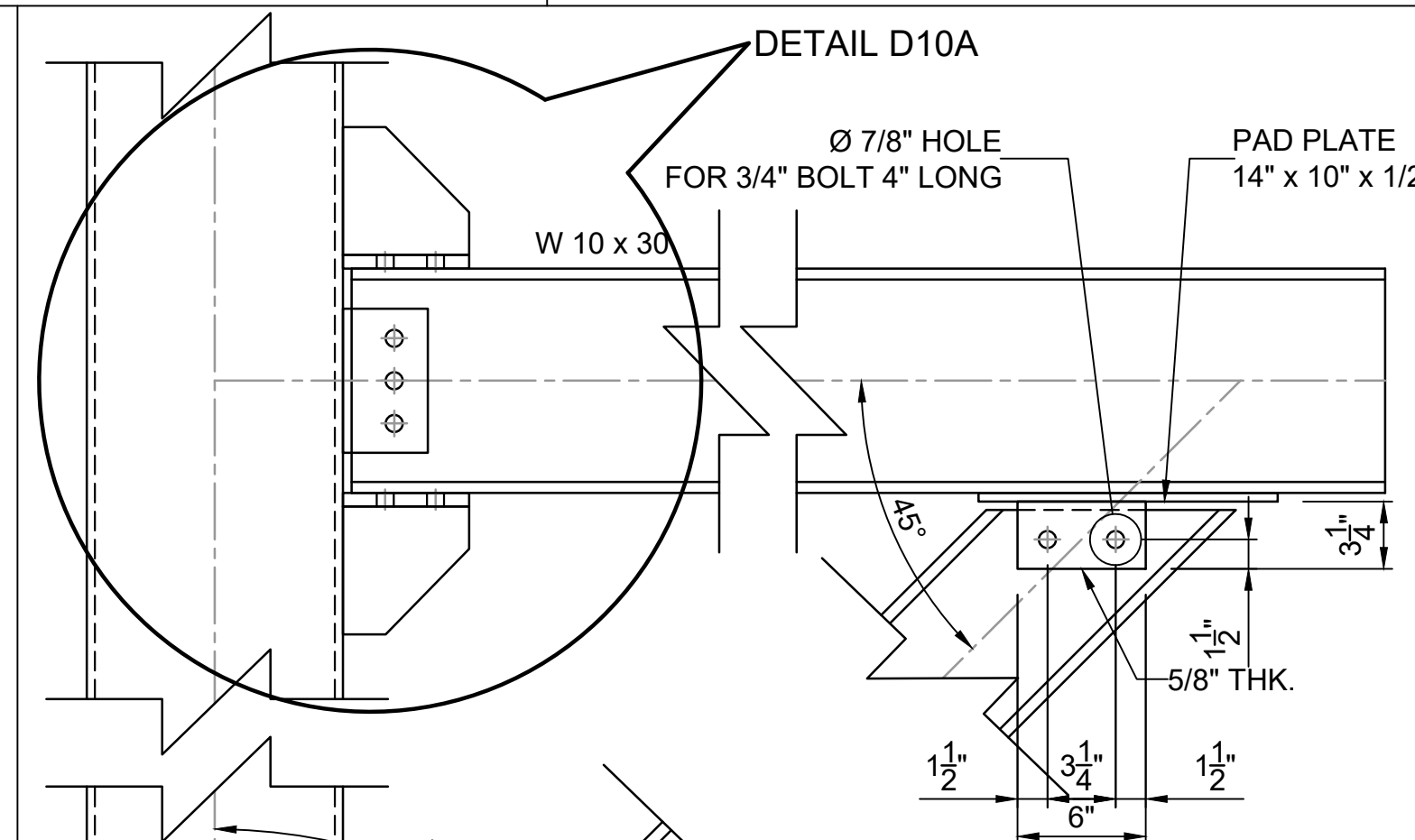


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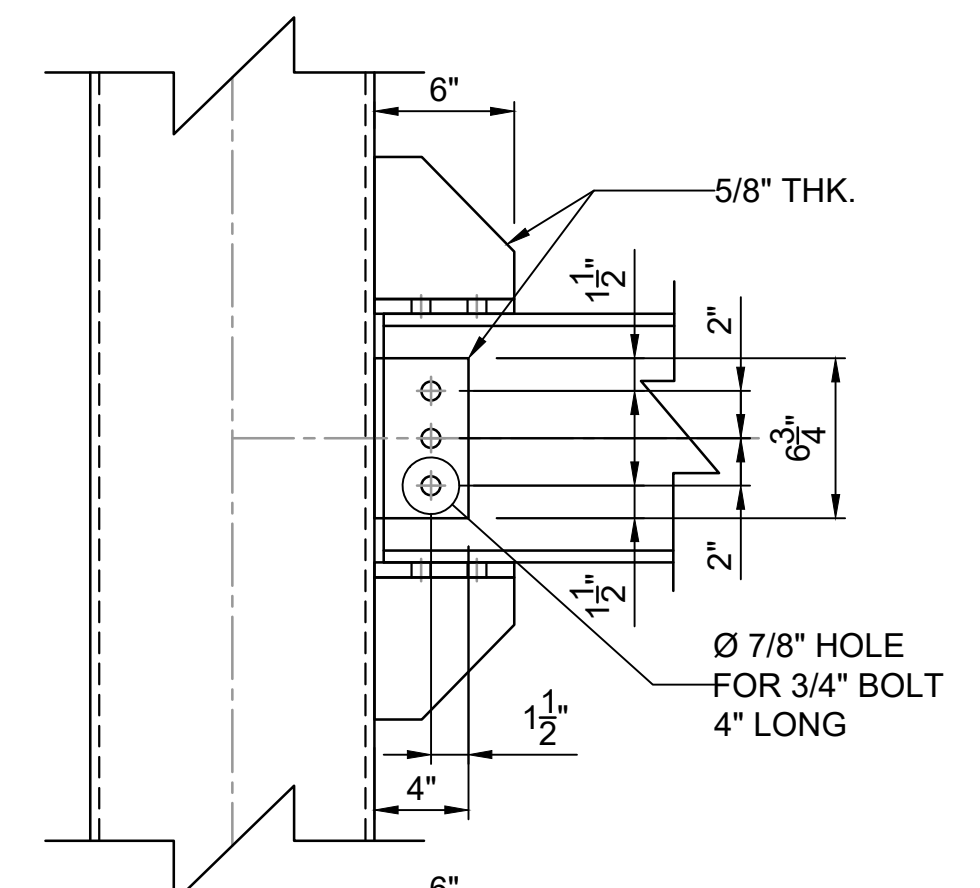
REVISION DATES	

**MISCELLANEOUS DETAILS-1
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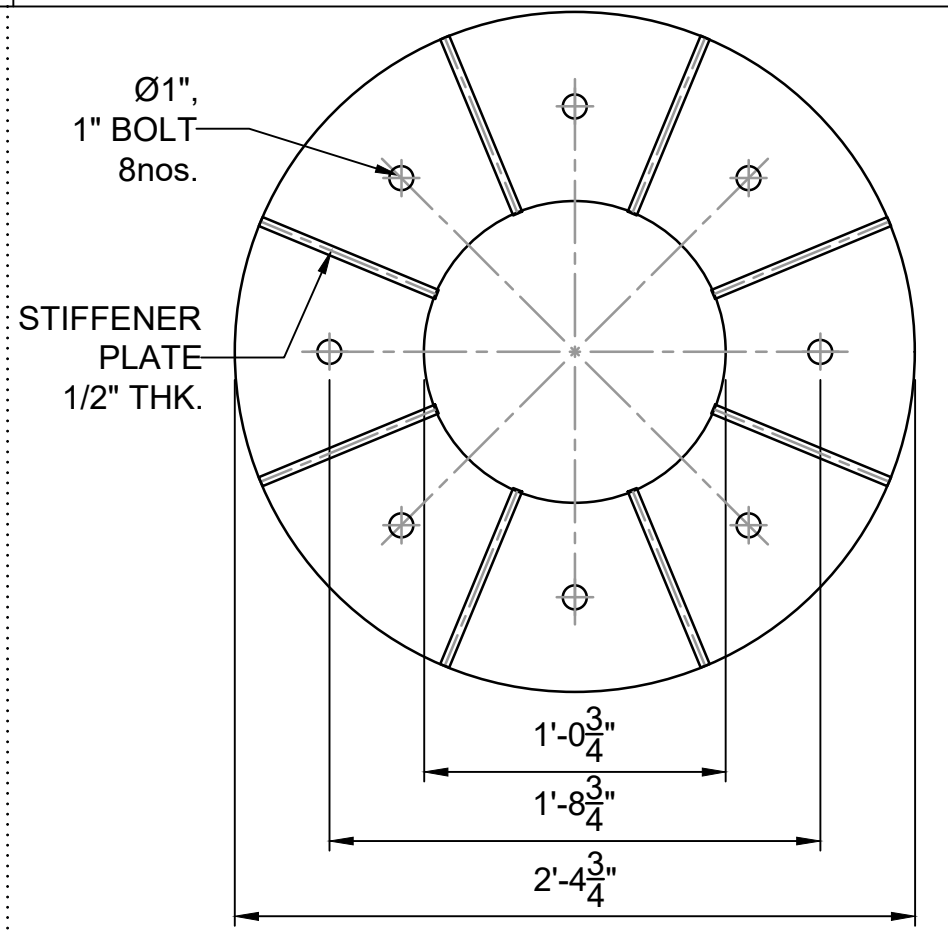
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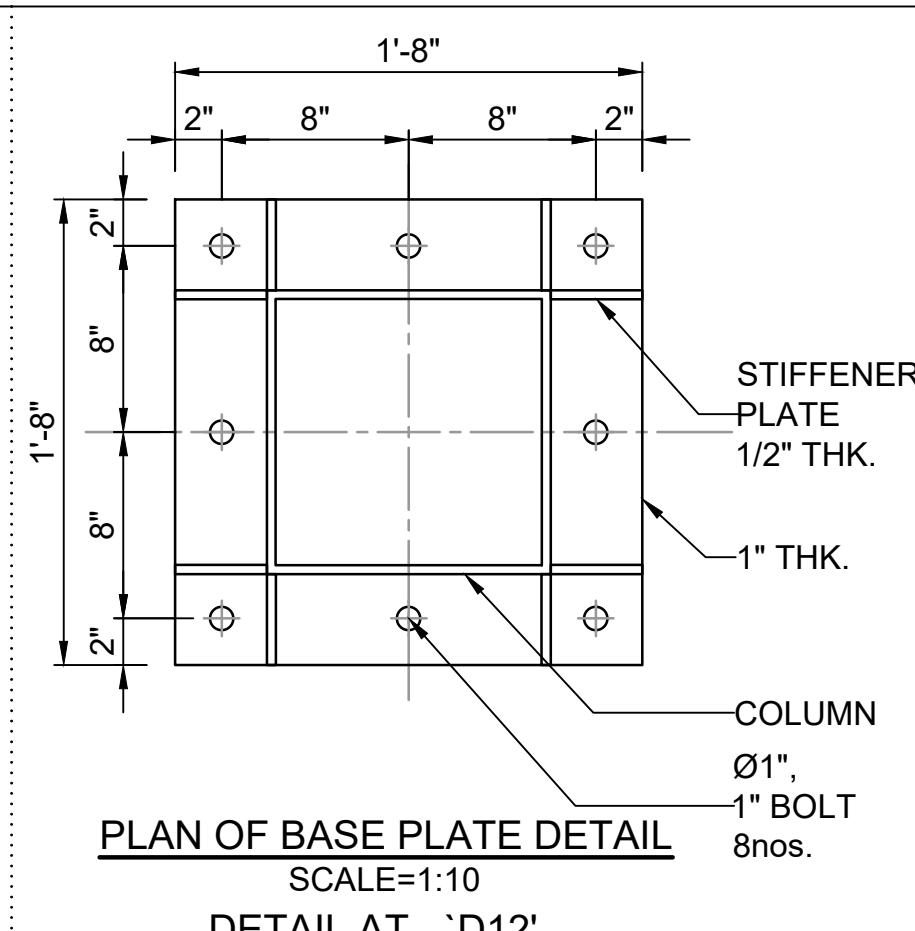
TYP. DETAIL OF KNEE BRACING
SCALE=1:10
DETAIL AT - 'D10'



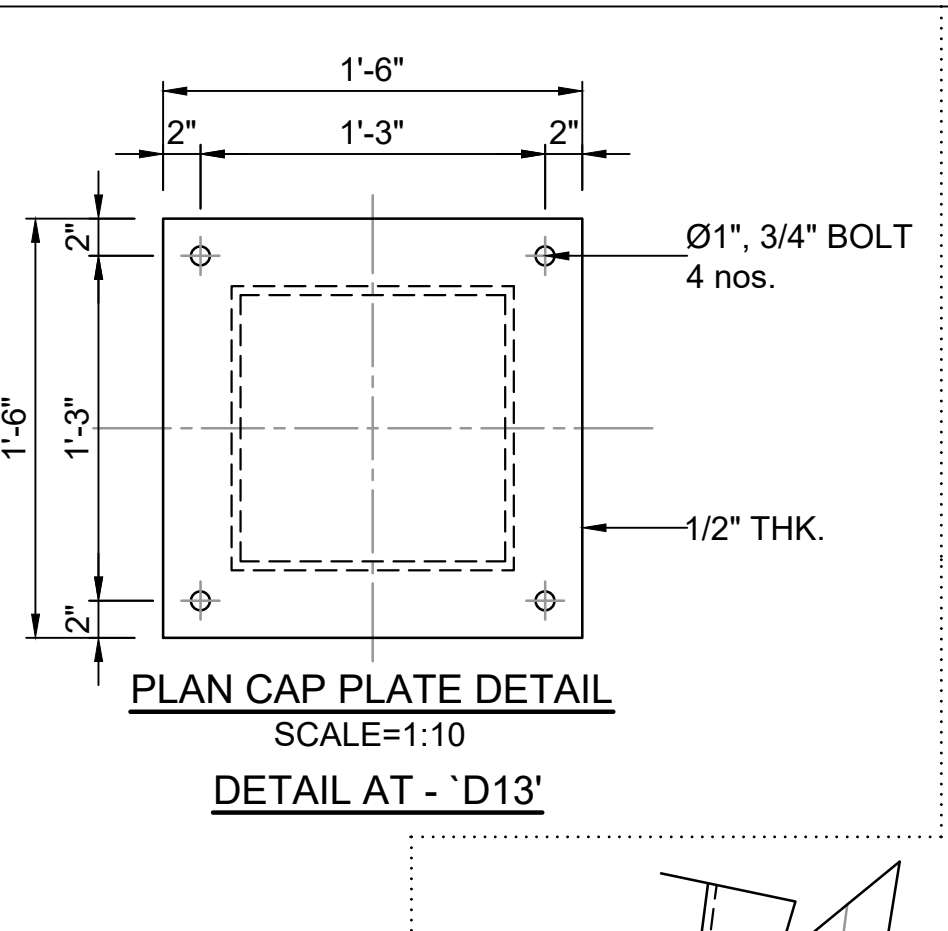
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SCALE=1:10
DETAIL AT - 'D10A'



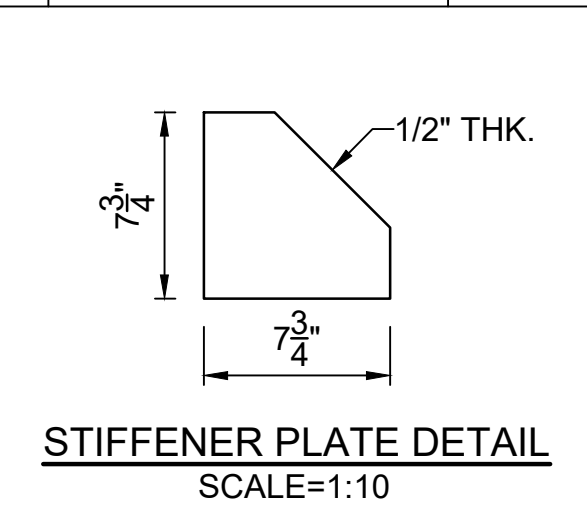
PLAN OF BASE PLATE DETAIL
SCALE=1:10
DETAIL AT - 'D11'



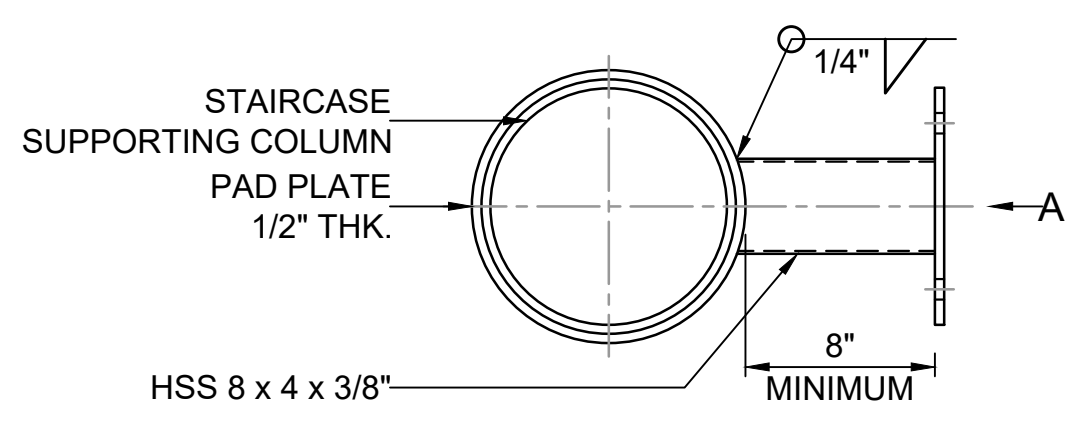
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DETAIL AT - 'D12'



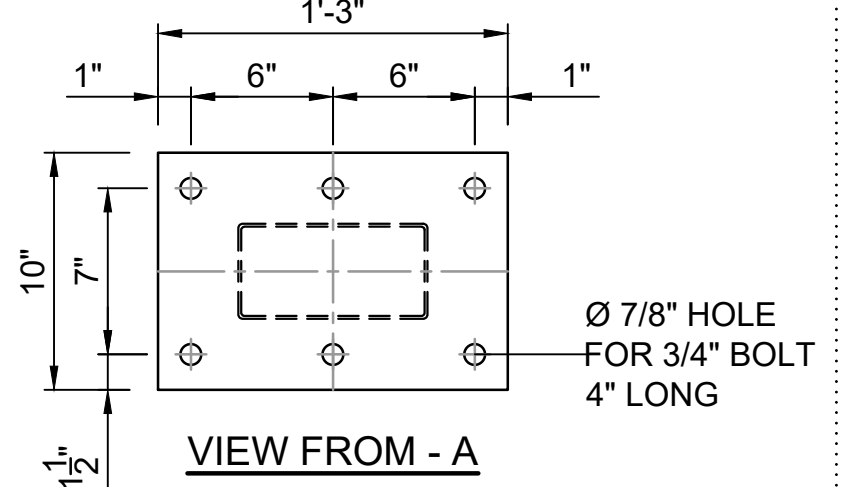
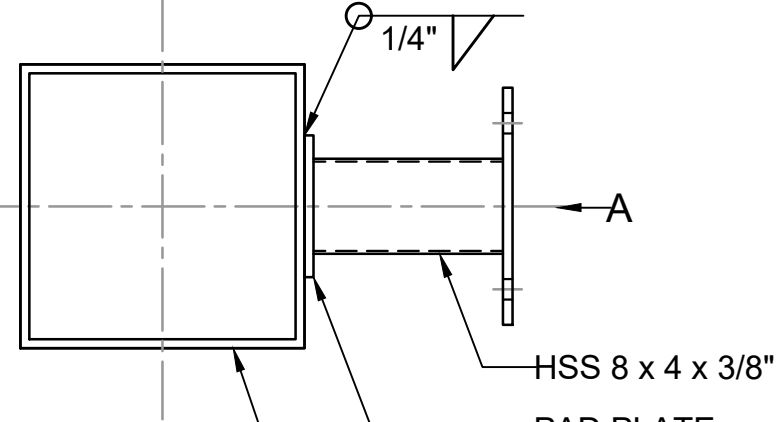
PLAN CAP PLATE DETAIL
SCALE=1:10
DETAIL AT - 'D13'



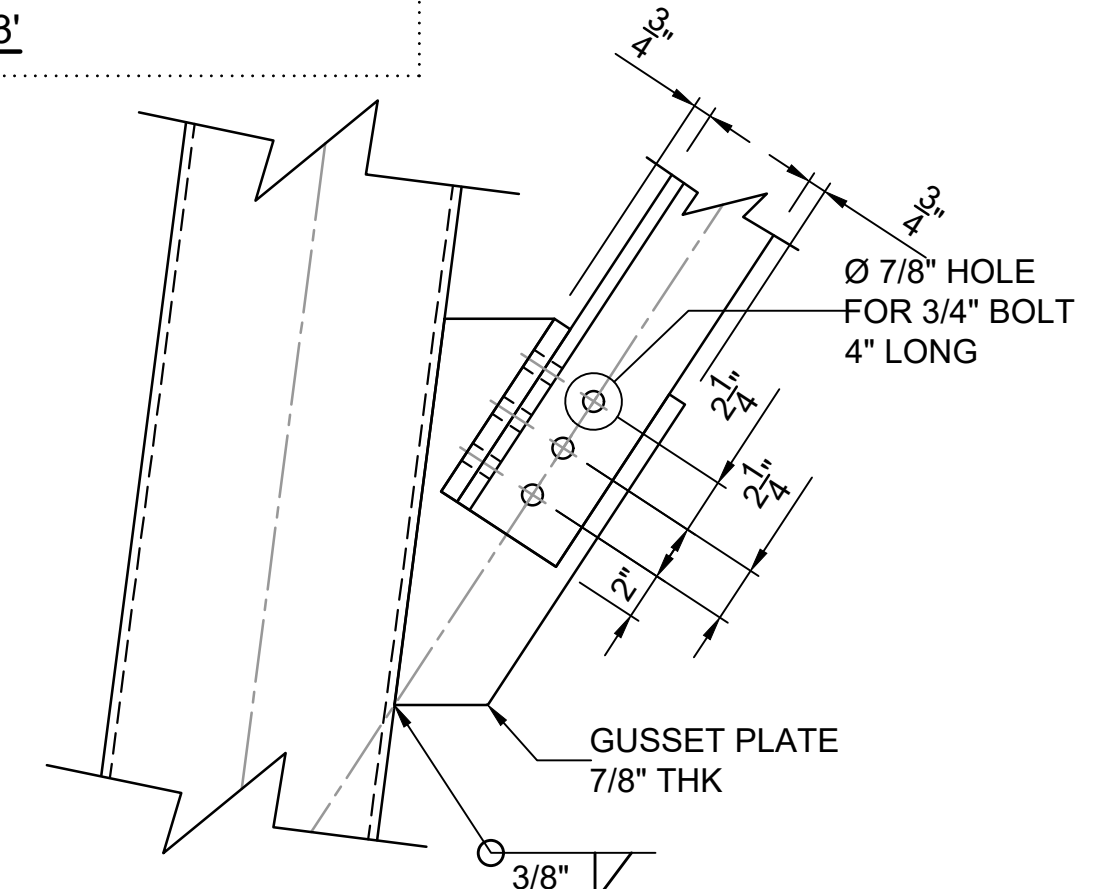
STIFFENER PLATE DETAIL
SCALE=1:10



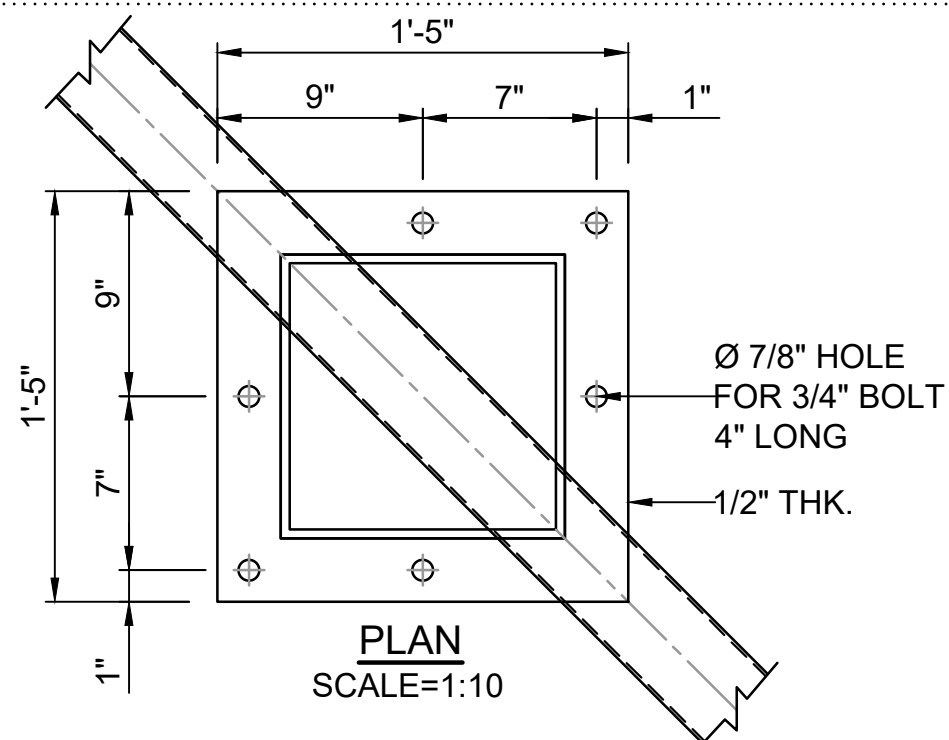
TYP. DETAILS OF COLUMN TO RAFTER WELDING
SCALE=1:10
DETAIL AT - 'D14'



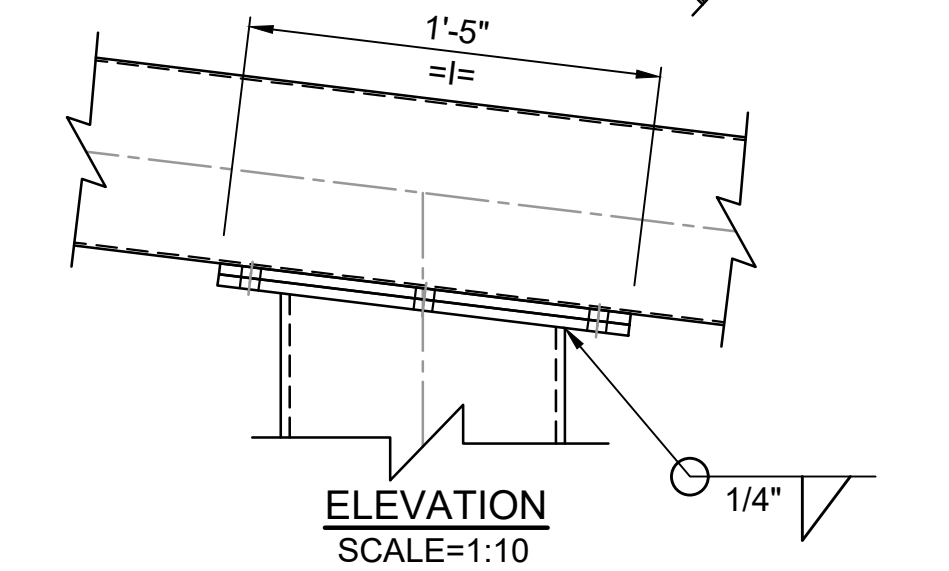
VIEW FROM - A



TYP. DETAIL OF BRACING
SCALE=1:10
DETAIL AT - 'D15'

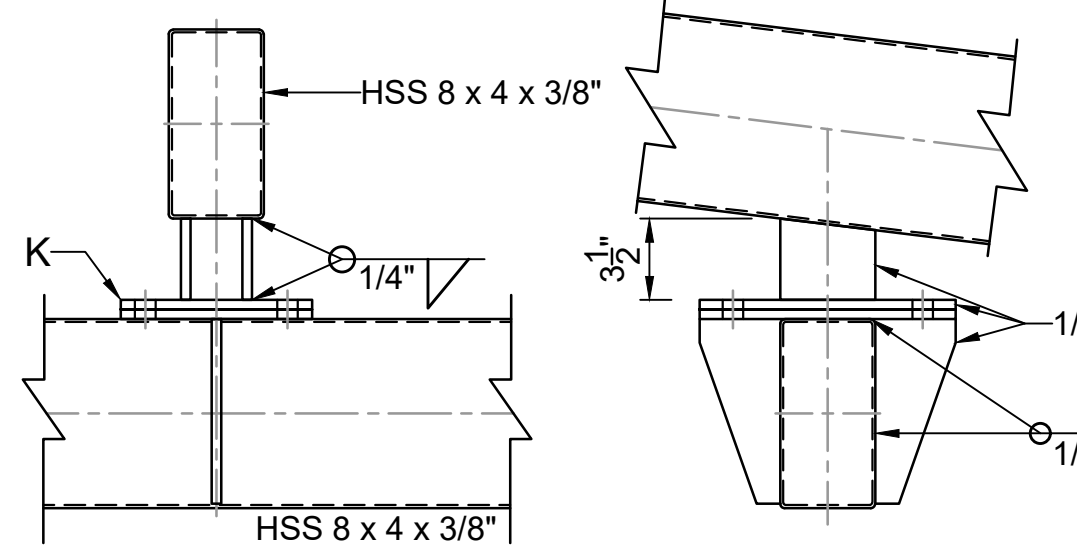


PLAN
SCALE=1:10

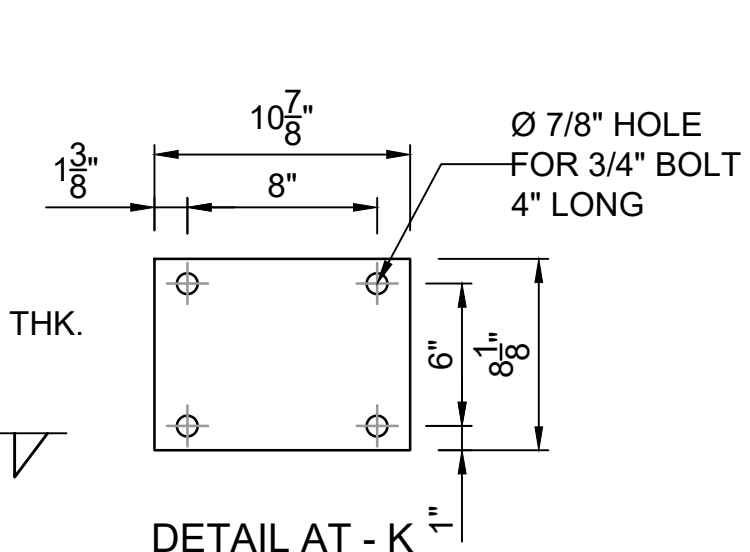


ELEVATION
SCALE=1:10

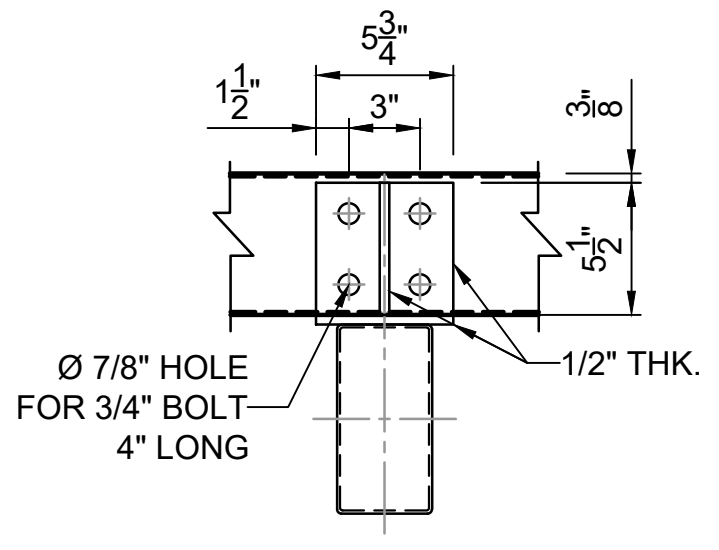
TYP. DETAIL OF COLUMN TO RAFTER JOINT
DETAIL AT - 'D16'



TYP. DETAILS OF RAFTER MOUNTING BRACKET
SCALE=1:10
DETAIL AT - 'D17'

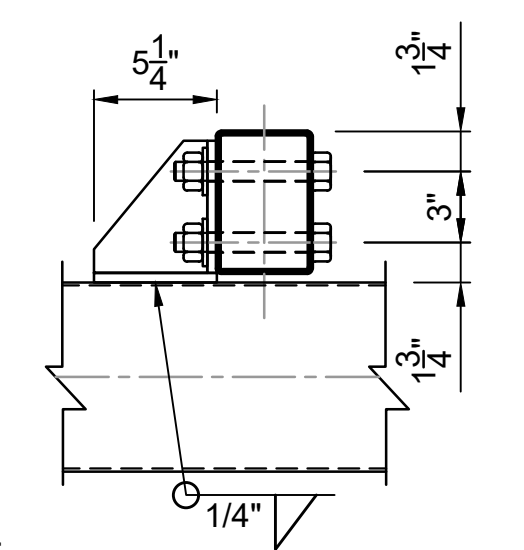


DETAIL AT - K



ELEVATION
SCALE=1:10

TYP. DETAIL OF PURLIN CLEAT
DETAIL AT - 'D18'



SIDE VIEW
SCALE=1:10



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HIGHWAY, WARJE, PUNE, INDIA - 411058.
Contact : +91 9552541988 Email : cvpcpl@gmail.com



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ALPHARETTA, GA 30022
PHONE: 678-366-9375



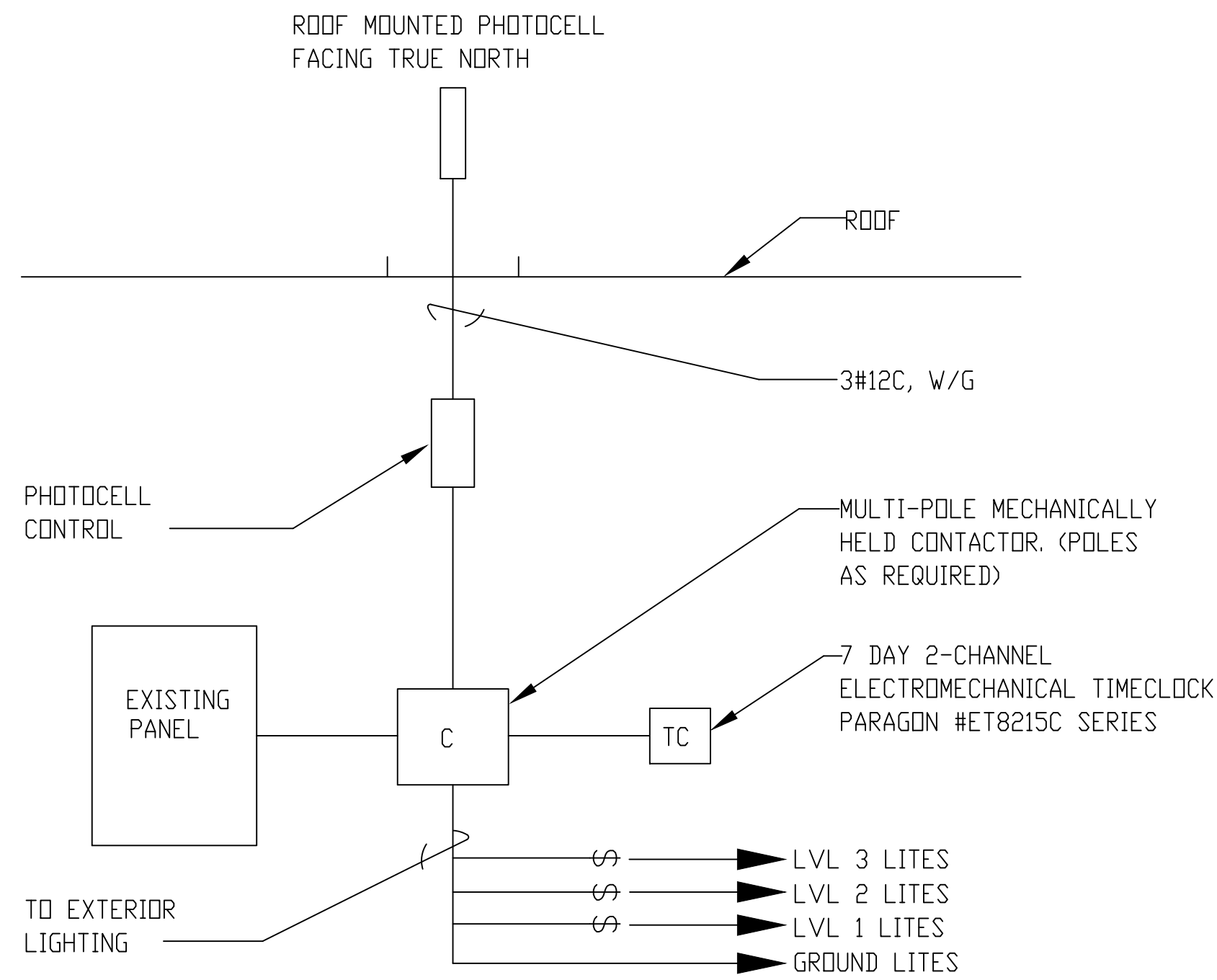
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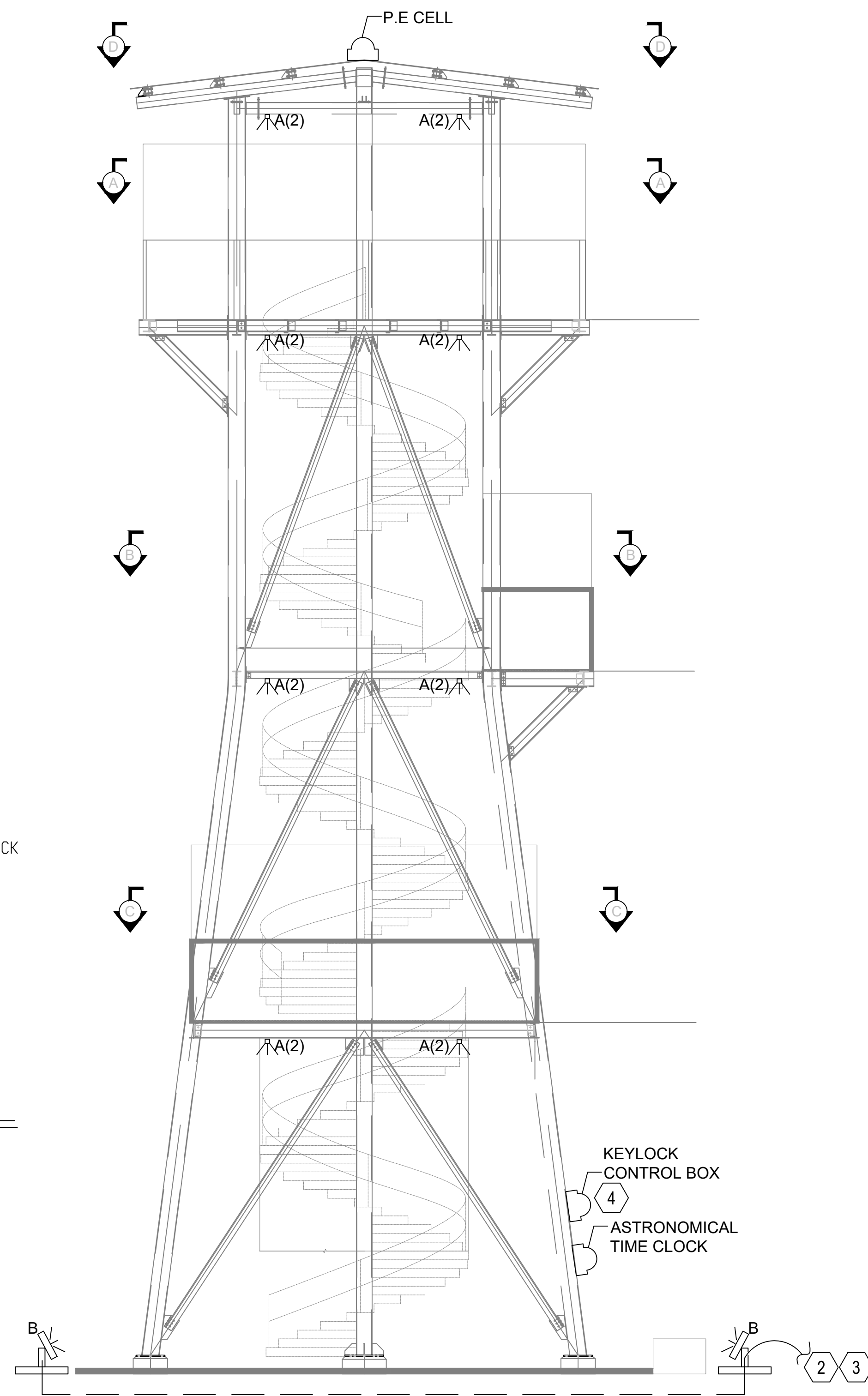
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MISCELLANEOUS DETAILS-2
OBSERVATION TOWER

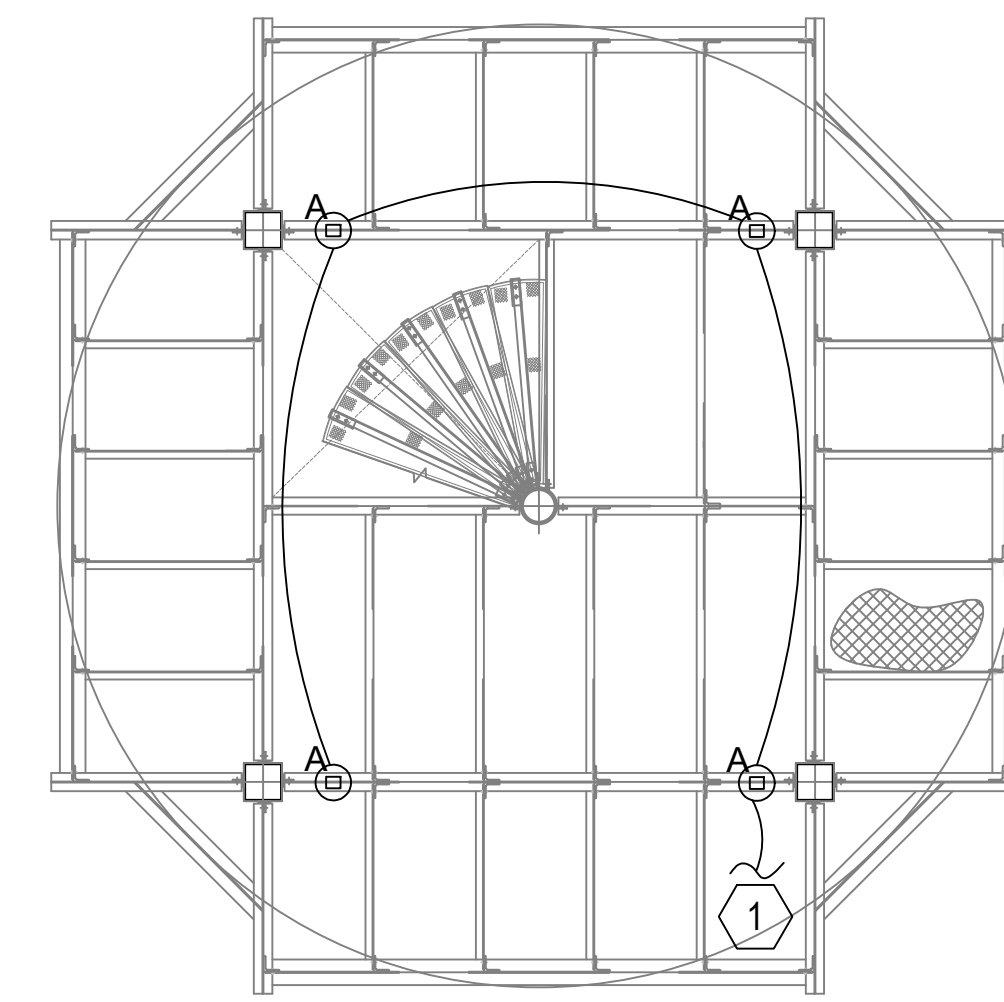
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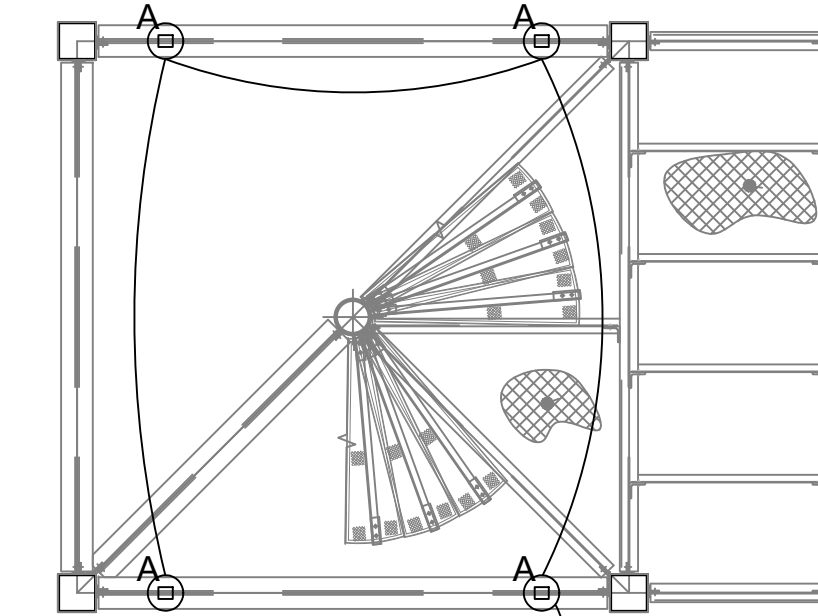
2 EXTERIOR LIGHT CONTROL
E1.00 SCALE: NTS



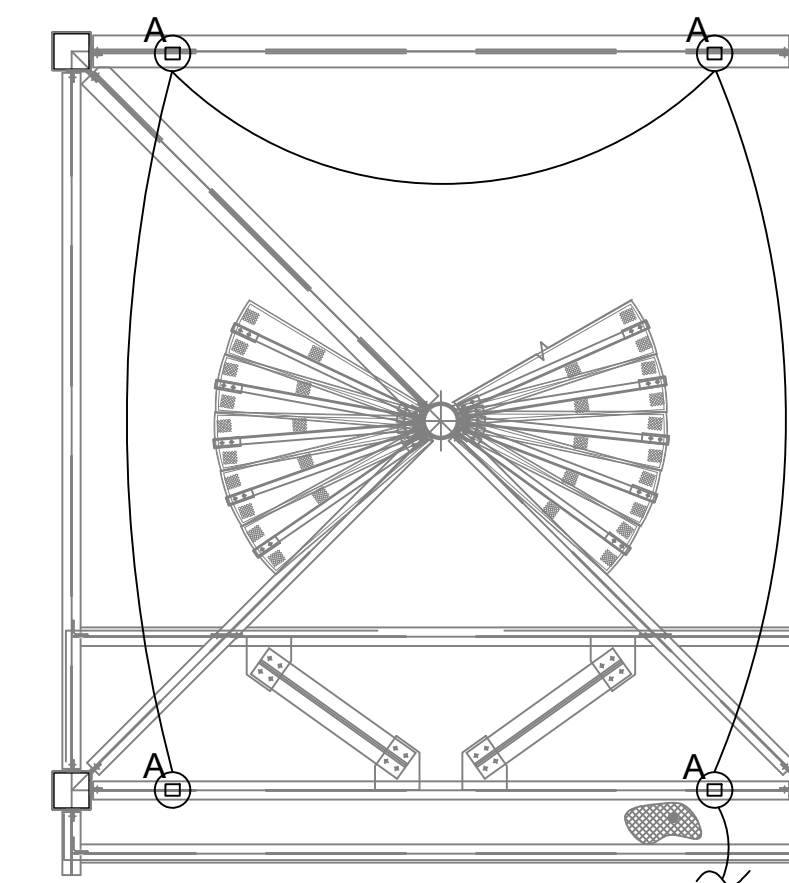
1 LIGHTING PLANS
E1.00 SCALE: NTS



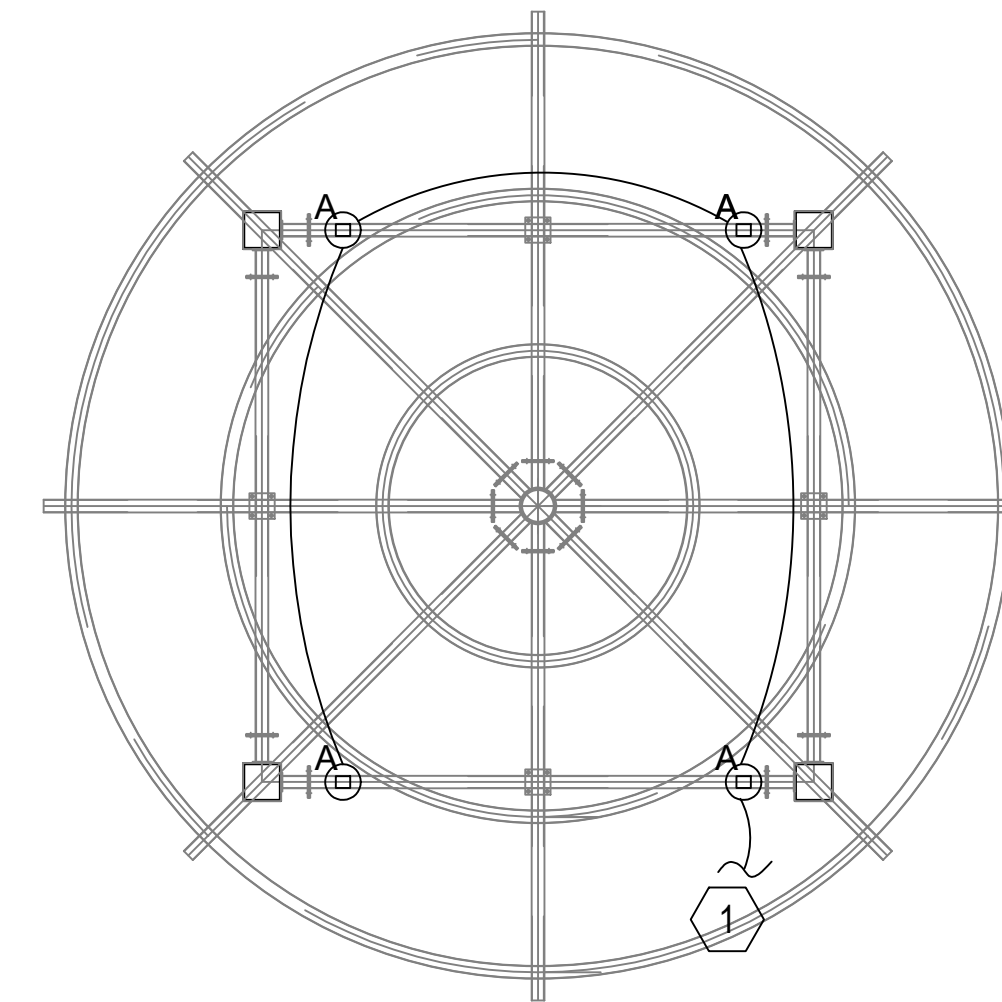
SECTION 'A-A'
PLATFORM AT EL+60'.00



SECTION 'B-B'
PLATFORM AT EL+40'.00



SECTION 'C-C'
PLATFORM AT EL+20'.00



VIEW FROM - 'D-D'
PLAN FOR CANOPY

ELECTRICAL GENERAL NOTES

- G1 PROJECT DESIGN IS BASED UPON THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- G2 WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOMERUN, THE CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.
- G3 REFER TO THE APPROPRIATE DRAWINGS (INCLUDING STRUCTURAL DRAWINGS) FOR THE EXACT LOCATION OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS WHICH REQUIRE ELECTRICAL SERVICE.
- G4 CAPITAL LETTER BESIDE LIGHTING SYMBOL INDICATES FIXTURE TYPE. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE SELECTION.
- G5 CONTRACTOR SHALL ENSURE TO THE GREATEST EXTENT POSSIBLE THAT LOADS ON THE ELECTRICAL DISTRIBUTION SYSTEM ARE PHASE-BALANCED. WHERE MULTI-METER PACKS ARE INSTALLED, EQUIPMENT LUGS SHALL BE ADJUSTED ACCORDINGLY TO BALANCE PHASES.
- G6 ELECTRICAL CONTRACTOR SHALL COORDINATE ALL MOUNTING OF ELECTRICAL DEVICES WITH STRUCTURAL ARCHITECT PRIOR TO ROUGH-IN.

ELECTRICAL KEY NOTES

- 1 ELECTRICAL CONTRACTOR SHALL PROVIDE 120V, 20A-1P VERTICAL CONNECTION TO SURFACE MOUNTED DOWNLIGHTS BELOW / ABOVE. EACH LEVEL OF LIGHTING SHALL BE CONTROLLED BY SEPERATE, DEDICATED CONTROL DEVICE.
- 2 ELECTRICAL CONTRACTOR SHALL LOCATE EXISTING 120V, 20A-1P BREAKER IN EXISTING BUILDING PANEL AND PROVIDE 120V CONNECTION TO LIGHTING SYSTEM. ROUTE 3#10 AWG FROM EXISTING BREAKER TO LIGHTS.
- 3 ELECTRICAL CONTRACTOR SHALL ROUTE ALL LIGHTS THROUGH PHOTOELECTRIC CELL AND WEATHERPROOF TIME CLOCK. COORDINATE EXACT LOCATION OF TIME CLOCK AND ON/OFF SCHEDULE WITH OWNER PRIOR TO ROUGH-IN.
- 4 ELECTRICAL CONTRACTOR SHALL INSTALL / PROVIDE WEATHERPROOF KEYLOCK BOX. KEYLOCK BOX SHALL CONTAIN ALL LIGHTING CONTROL SYSTEM SWITCHES. EXACT LOCATION OF KEYLOCK BOX SHALL BE COORDINATED WITH OWNER. PROVIDE THREE(3) LIGHT SWITCHES. INTERLOCK LIGHTS ON EACH LEVEL TO CONTROL EACH LEVEL OF THE LIGHTS..

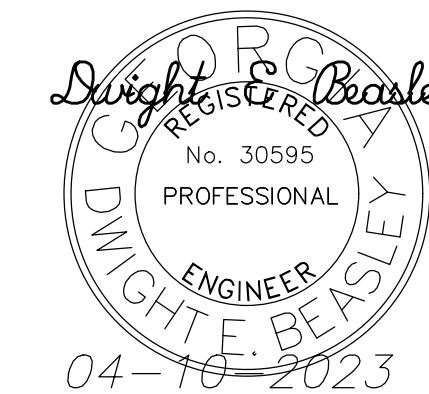
REVISION DATES

NO.	DATE	DESCRIPTION

LIGHTING LAYOUT
OBSERVATION TOWER



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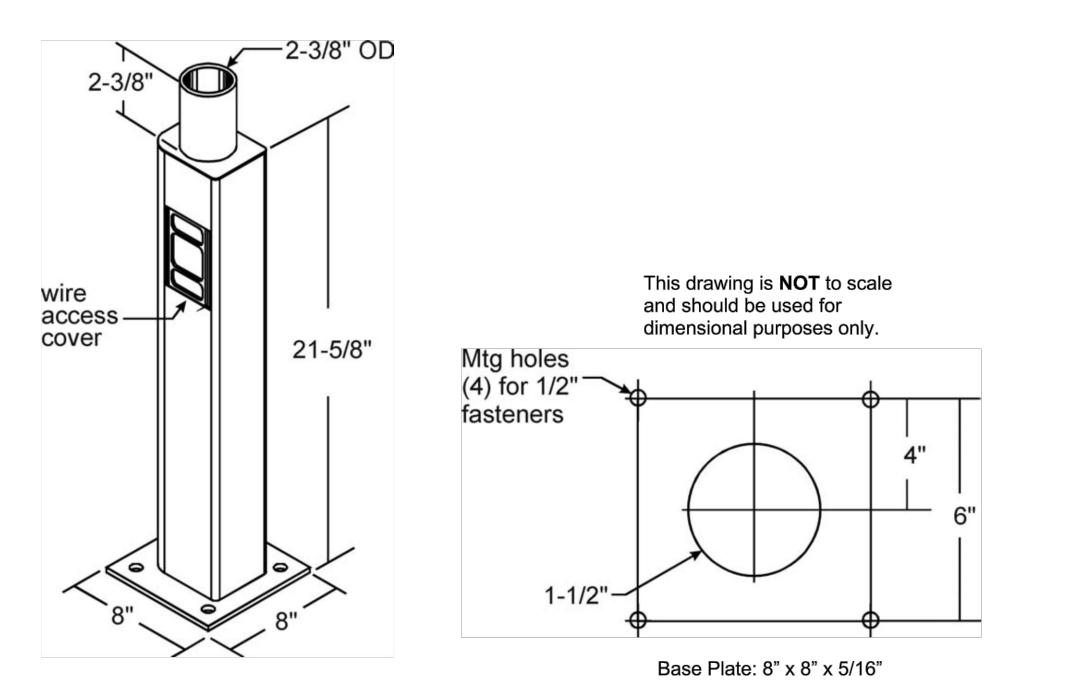
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CORRECTED:		DATE:		
VERIFIED:		DATE:		

AFSTM

Description: Stanchion Mount

Installation: Secure mounting plate to the desired horizontal surface with four fasteners (not provided). The AFSTM is NOT to be mounted horizontally or inverted. Secure the swivel mount to the AFSTM by tightening four set screws.

WARNING: Options are to be installed in the field. DO NOT alter fittings when installing accessories for mounting the fixtures. Recheck all connections and bolts to insure they will not loosen due to vibration.




2-3/8" OD
2-3/8"
21-5/8"
8"
8"
Mtg holes (4) for 1/2" fasteners
1-1/2"
4"
8"
Base Plate: 8" x 8" x 5/16"
This drawing is NOT to scale and should be used for dimensional purposes only.

Dimensions and specifications on this page are based on the most current available data and are subject to change without notice.

LITHONIA LIGHTING
Date: 1/30/06
Author: PJE
File: AFSTM OPTION (Previously KFLSTM)

D-Series DSXF1 LED Floodlight

Category: DSXF1 LED P2 40K WFR MVOLT IS PE
Finish: OWNER TO CHOOSE FINISH COLOR
Type: B



Specifications

EPA: 0.6 ft
Depth: 3.52"
Width: 8.64"
Height: 7.64"
Overall Height: 13.37"
Weight: 7.2 lbs

Ordering Information EXAMPLE: DSXF1 LED P1 40K MPV MOLT THK DBXKD

Series	Performance Package	Color Temperature	Beam Angle	Mounting
DSXF1 LED	P1	3000	30°	MOULT
DSXF1 LED	P2	3000	30°	THK

Options

Shipped as: DSXF1 LED P1 40K MPV MOLT THK DBXKD

Accessories

DSXF1 LED P1 40K MPV MOLT THK DBXKD
DSXF1 LED P2 40K MPV MOLT THK DBXKD
DSXF1 LED P1 40K MPV MOLT THK DBXKD
DSXF1 LED P2 40K MPV MOLT THK DBXKD
DSXF1 LED P1 40K MPV MOLT THK DBXKD
DSXF1 LED P2 40K MPV MOLT THK DBXKD

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Mounting, Options and Accessories

Mountings



External Shields



Accessories



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Performance Data

Lumen Output

Package	Type	Temp	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam	Beam		
P1	270	3000	30°	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
P2	420	3000	30°	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
				100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

Projected LED Lumen Maintenance

DSXF1 LED P1 40K MPV MOLT THK DBXKD

Electrical Load

Series	Lighting Type	Color Temperature	Beam Angle	Finish
DSXF1	LED	3000	30°	DBXKD

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OLCFM Outdoor LED Cast Flush Mount

FEATURES & SPECIFICATIONS

INSTALLATION: The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and entry entrances.

CONSTRUCTION: Rugged cast aluminum top plate and stainless steel mounting hardware are provided by a thermally conductive cast body that provides superior resistance to corrosion and weathering. A highly conductive multi-stage process ensures a minimum 1000-hour salt-crystal test cycle that can withstand extreme climate change without coating peeling.

OPTICS: High performance LED phosphor up to 167 lumens and maintains 70% of light output at 50,000 hours of service.

ELECTRICAL: Features precision 120-volt, 60Hz.

OPERATING TEMPERATURE: -40°C to 40°C.

ANGLE: 120°-180°.

SAFETY: UL Listed for use in wet locations.

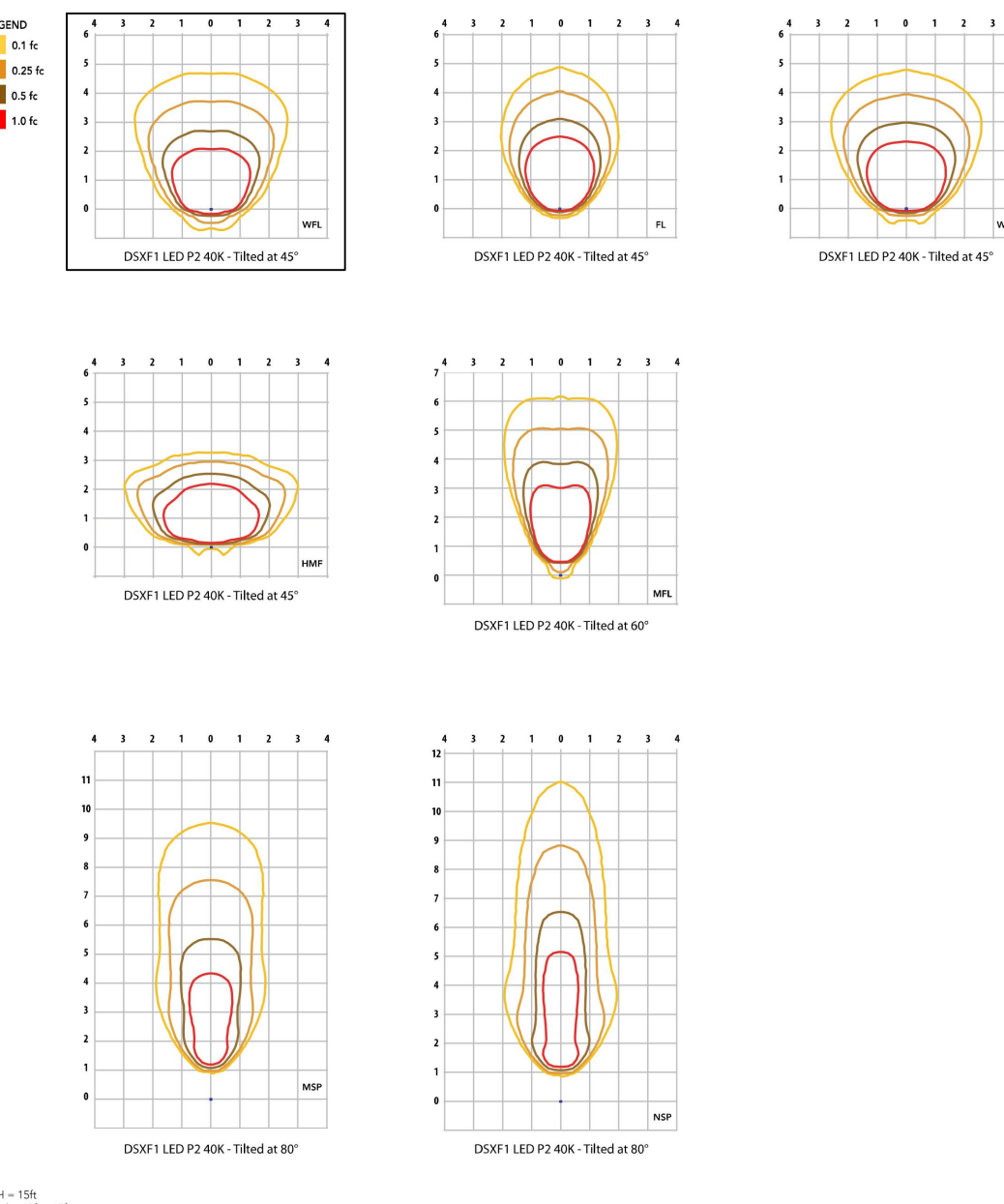
INSTALLATION: Mounts easily to existing junction boxes (by others).

NOTES: All colors are subject to change without notice. All other options and specifications are subject to change without notice.

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Photometric Diagrams

To see complete photometric reports or download, see files for this product, visit Lithonia Lighting's D-Series Flood Size 1 homepage.

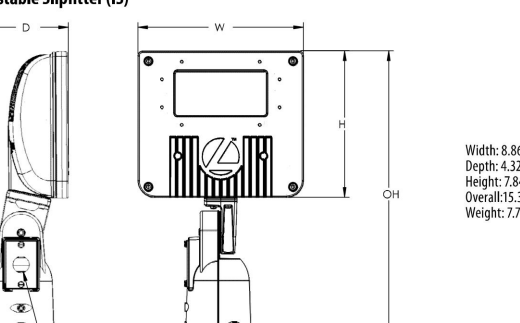


DSXF1 LED P2 40K - Tilted at 45°
DSXF1 LED P2 40K - Tilted at 60°
DSXF1 LED P2 40K - Tilted at 75°
DSXF1 LED P2 40K - Tilted at 80°
DSXF1 LED P2 40K - Tilted at 85°
DSXF1 LED P2 40K - Tilted at 90°

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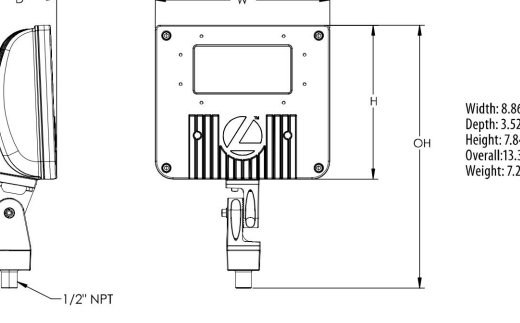
Dimensions

Adjustable Splitter (IS)



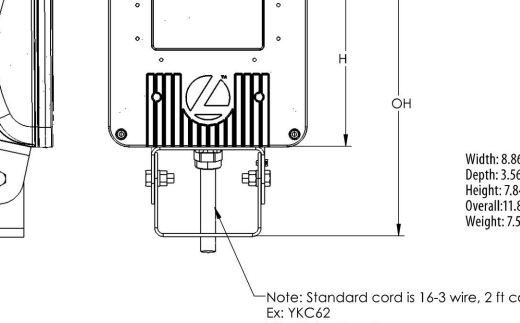
Width: 8.60" (22.1cm)
Depth: 1.57" (4.0cm)
Height: 7.64" (19.4cm) max body
Height: 8.14" (20.7cm) with wire
Weight: 7.2 lbs

Thru-Knuckle (TKH)



Width: 8.60" (22.1cm)
Depth: 1.57" (4.0cm)
Height: 7.64" (19.4cm) max body
Height: 8.14" (20.7cm) with wire
Weight: 7.2 lbs

Yoke (YK) Mounting Detail



Width: 8.60" (22.1cm)
Depth: 1.57" (4.0cm)
Height: 7.64" (19.4cm) max body
Height: 8.14" (20.7cm) with wire
Weight: 7.2 lbs

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Pole Mounting Information

Accessories including ballarms, cross arms and other adapters are available. For the complete list of accessories available, visit the accessories tab at Lithonia's Outdoor Poles and Arms product page.

FEATURES & SPECIFICATIONS

INSTALLATION: The DSXF1 LED floodlight features rugged die-cast aluminum construction with integral heat sink that features thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the cooling to promote low operating temperature and long life. The housing provides a secure, tamper-resistant, weather-resistant and non-combusting construction.

CONSTRUCTION: The DSXF1 LED floodlight features rugged die-cast aluminum construction with integral heat sink that features thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the cooling to promote low operating temperature and long life. The housing provides a secure, tamper-resistant, weather-resistant and non-combusting construction.

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OPERATING TEMPERATURE: -40°C to 40°C.

ANGLE: 120°-180°.

SAFETY: UL Listed for use in wet locations.

INSTALLATION: Mounts easily to existing junction boxes (by others).

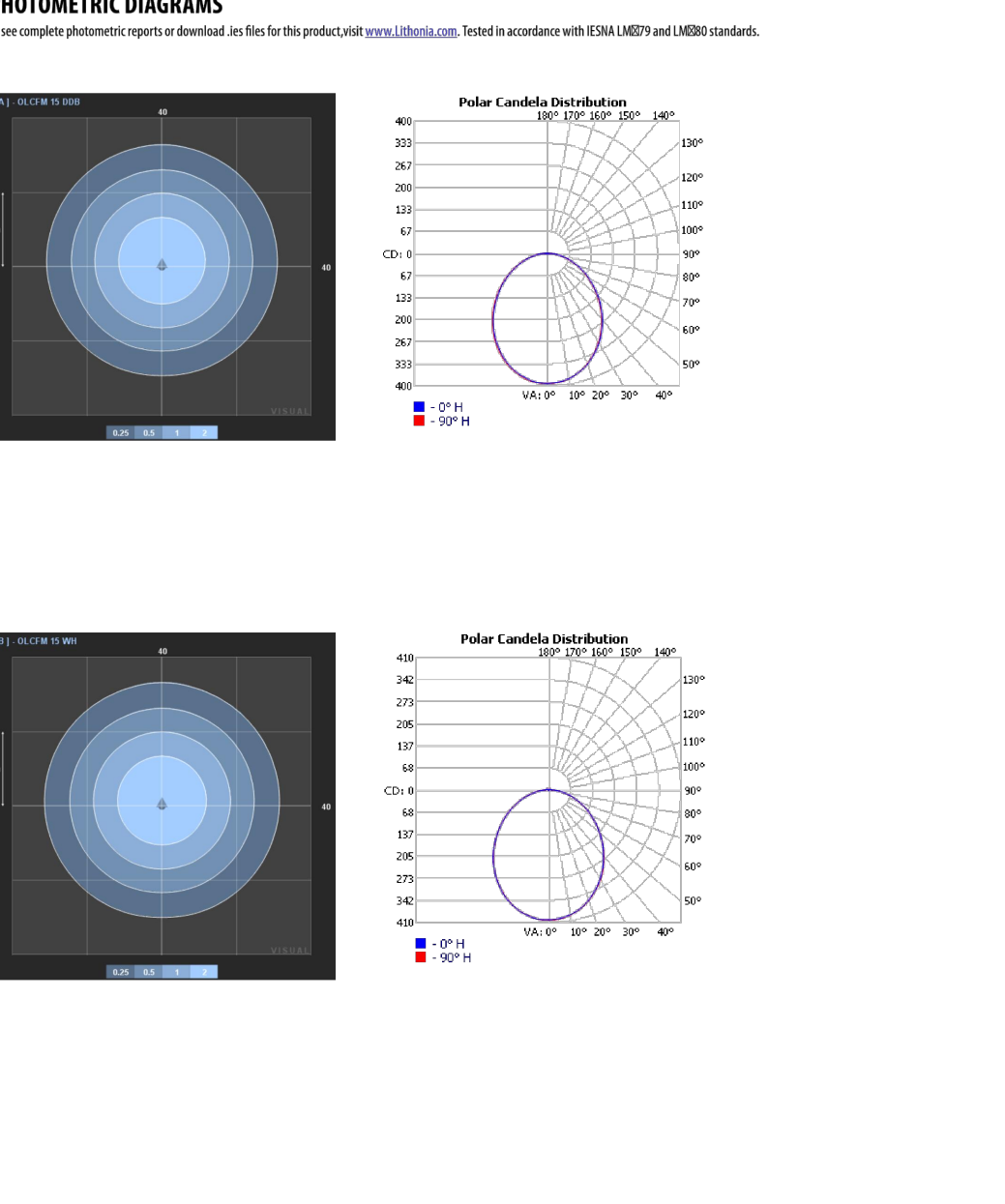
NOTES: All colors are subject to change without notice. All other options and specifications are subject to change without notice.

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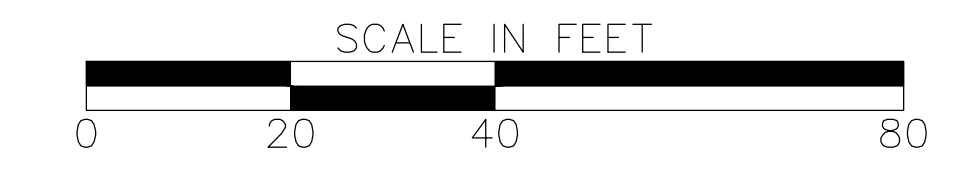
OLCFM Outdoor LED Cast Flush Mount

PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download, see files for this product, visit Lithonia Lighting's OLCFM product page.



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11030 JONES BRIDGE ROAD, SUITE 201
ALPHARETTA, GA 30022
PHONE: 678-366-9375

Dwight F. Beasley
No. 30995
PROFESSIONAL ENGINEER
Dwight F. Beasley
04-16-2023

REVISION DATES

LIGHTING LAYOUT OBSERVATION TOWER

CHECKED:	DEB	DATE:	4/7/23	DRAWING No.
BACKCHECKED:	DEB	DATE:	4/7/23	E1,01
CORRECTED:		DATE:		
VERIFIED:		DATE:		