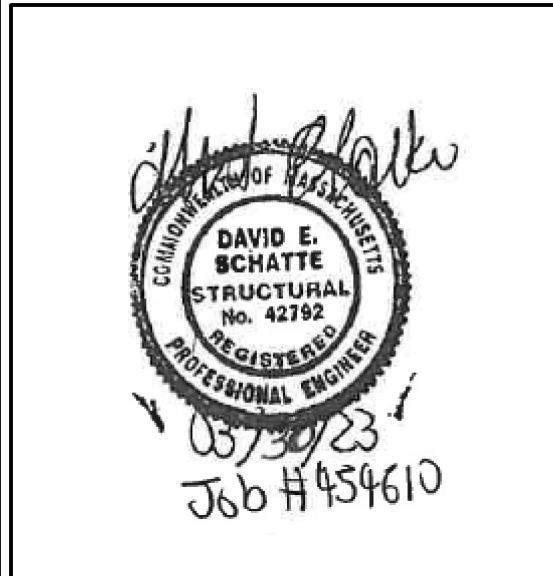


REV	DATE	BY	PERMIT / APPROVAL	DESCRIPTION
0	3/29/23	TJH	PERMIT / APPROVAL	REVISION HISTORY



DAVID E. SCHATTE
10609 99TH STREET
OVERLAND PARK, KS. 66214
LICENSE #42792



P.O. Box 90
Clayville, New York 13322
Phone: 315.867.9799

THESE PLANS ARE SUBJECT TO
FEDERAL COPYRIGHT LAWS
ANY USE OF SAME WITHOUT THE
EXPRESS WRITTEN PERMISSION
OF VFS, LLC IS PROHIBITED

SITE:
UNBRANDED CANOPY
WEYMOUTH, MA
24' x 30'
(2) COLUMN CANOPY

SCALE:
AS SHOWN

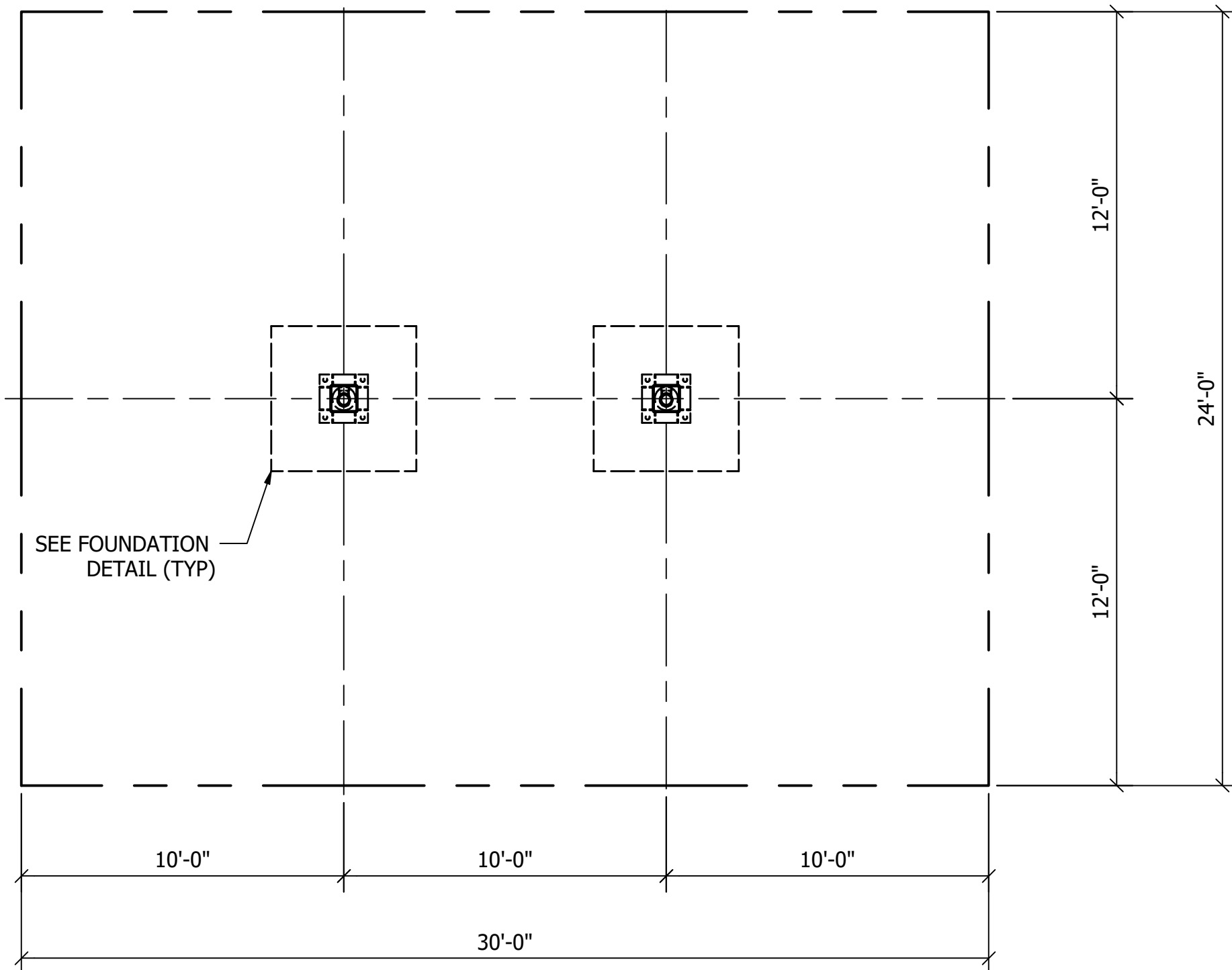
DRAWN BY:
TJH

CHECKED BY:
DES

JOB NUMBER:
454610

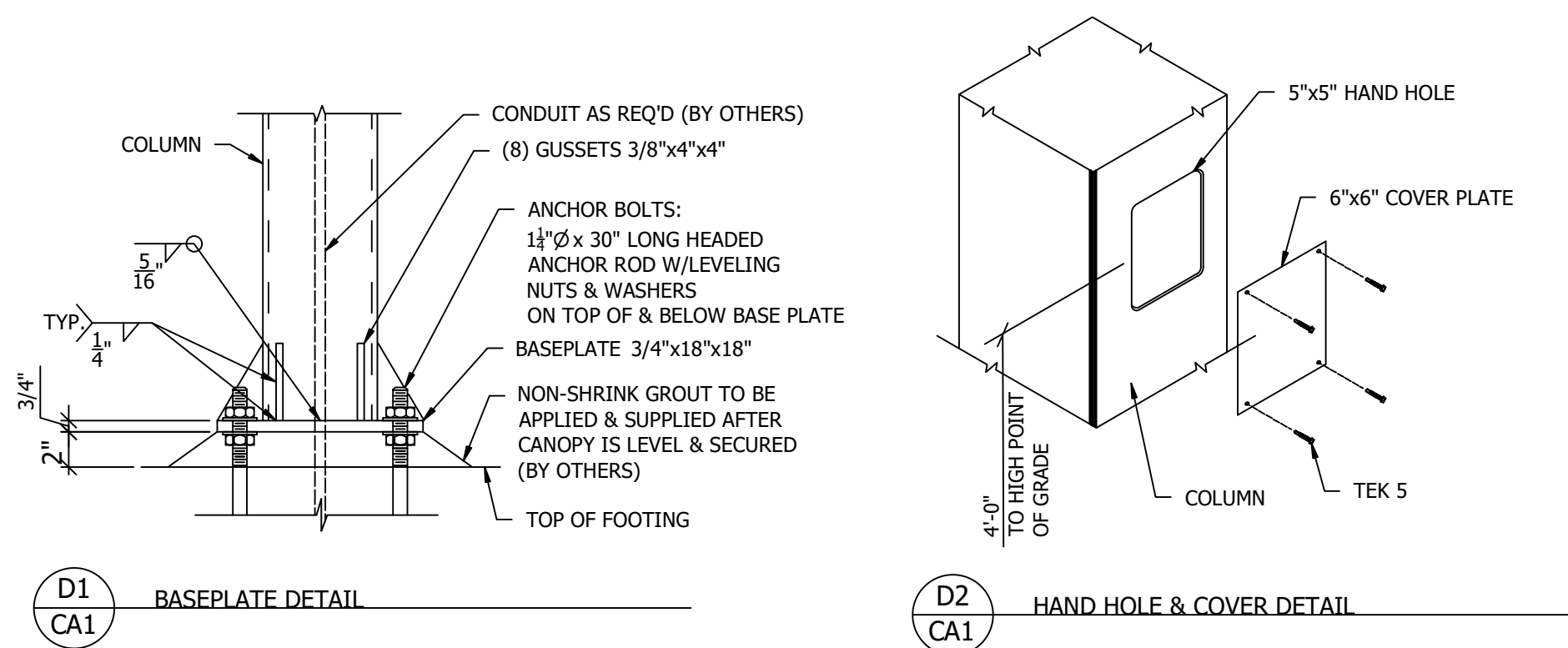
SHEET TITLE:
FOUNDATION PLAN

SHEET NUMBER:
CA1 of 2

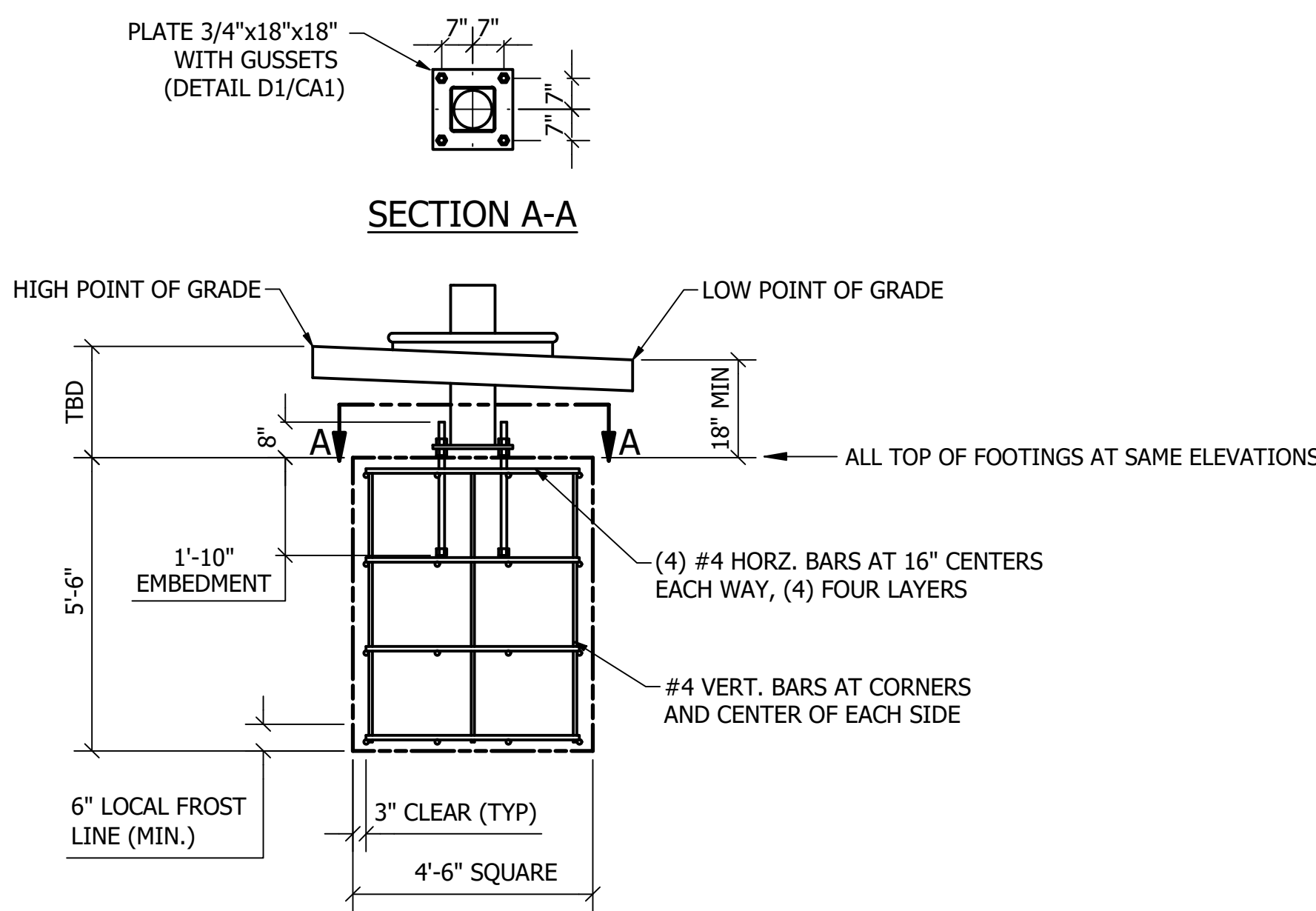


FOUNDATION PLAN

SCALE 1/4"=1'-0"

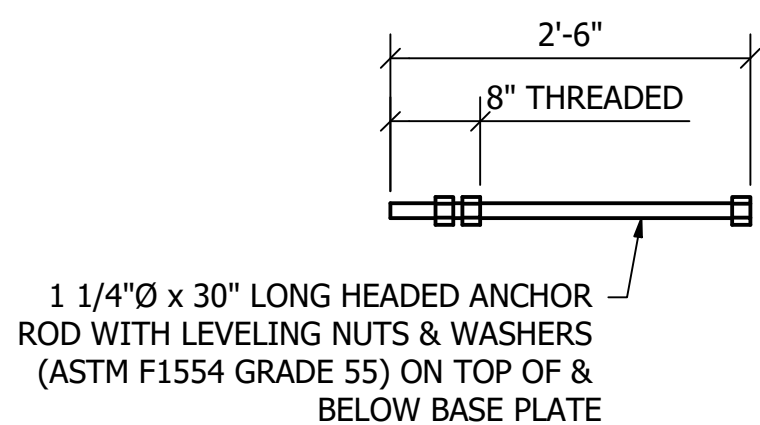


- FOOTING NOTES
1. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FOOTING AND ANCHOR BOLT INSTALLATION.
 2. ALL FOOTINGS SHALL BE CAST ON LEVEL UNDISTURBED SOIL, ROCK OR PROPERLY COMPACTED STRUCTURAL FILL PER GEOTECH REPORT. BOTTOM OF FOOTING TO BE ABOVE WATER TABLE. FOOTING SIZE BASED ON MINIMUM 1500 PSF SOIL BEARING CAPACITY AT BASE AND 150 PSF PER FOOT OF DEPTH LATERAL BEARING CAPACITY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SOIL PARAMETERS.
 3. ALLOWABLE SOIL BEARING INDICATED IN NOTE 2 ABOVE BASED ON FOUNDATIONS BEARING IN UNDISTURBED SOIL OR PROPERLY PREPARED / COMPACTED STRUCTURAL FILL.
 4. FOOTING CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 5. TOPS OF ALL FOOTINGS ARE ASSUMED TO BE AT SAME ELEVATION. OWNER / GENERAL CONTRACTOR SHALL PROVIDE BURIAL DEPTH FROM HIGH GRADE UNDER CANOPY. WHERE TOPS OF FOOTINGS ARE AT DIFFERENT ELEVATIONS, THE OWNER / GENERAL CONTRACTOR SHALL PROVIDE THE CANOPY MANUFACTURER WITH ALL FOOTING AND GRADE ELEVATIONS PRIOR TO CANOPY FABRICATION. VARIATIONS FROM DESIGN ELEVATIONS MAY RESULT IN INADEQUATE CLEARANCE AND UNDER SIZED FOOTINGS.
 6. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING NON-SHRINK GROUT UNDER ALL COLUMN BASES AFTER CANOPY IS LEVELED AND SECURED.
 7. FOOTING REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 DEFORMED BILLET STEEL BARS WITH SPACING AS SHOWN ON DRAWING.
 8. FOOTINGS ARE ASSUMED TO BE CONSTRAINED BY DRIVE MAT CONCRETE. WHERE THIS CONDITION DOES NOT EXIST, THE OWNER SHALL NOTIFY CANOPY MANUFACTURER.
 9. ANCHOR RODS SHALL BE PLACED IN ACCORDANCE WITH THIS DRAWING. TEMPLATES SHALL BE USED TO ENSURE PROPER PLACEMENT OF ANCHOR RODS. ANCHOR RODS ARE TO BE INSTALLED SUCH THAT A MINIMUM OF 7" OF THREAD IS EXPOSED ABOVE TOP OF FOOTING. BOTTOM OF THREADS SHALL NOT END MORE THAN 3/4" ABOVE TOP OF FOOTER.



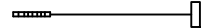
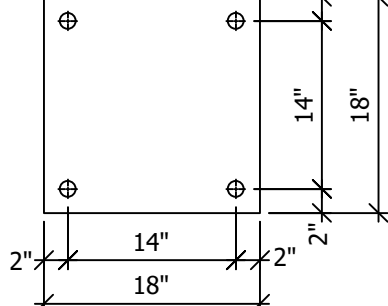
FOUNDATION DETAIL

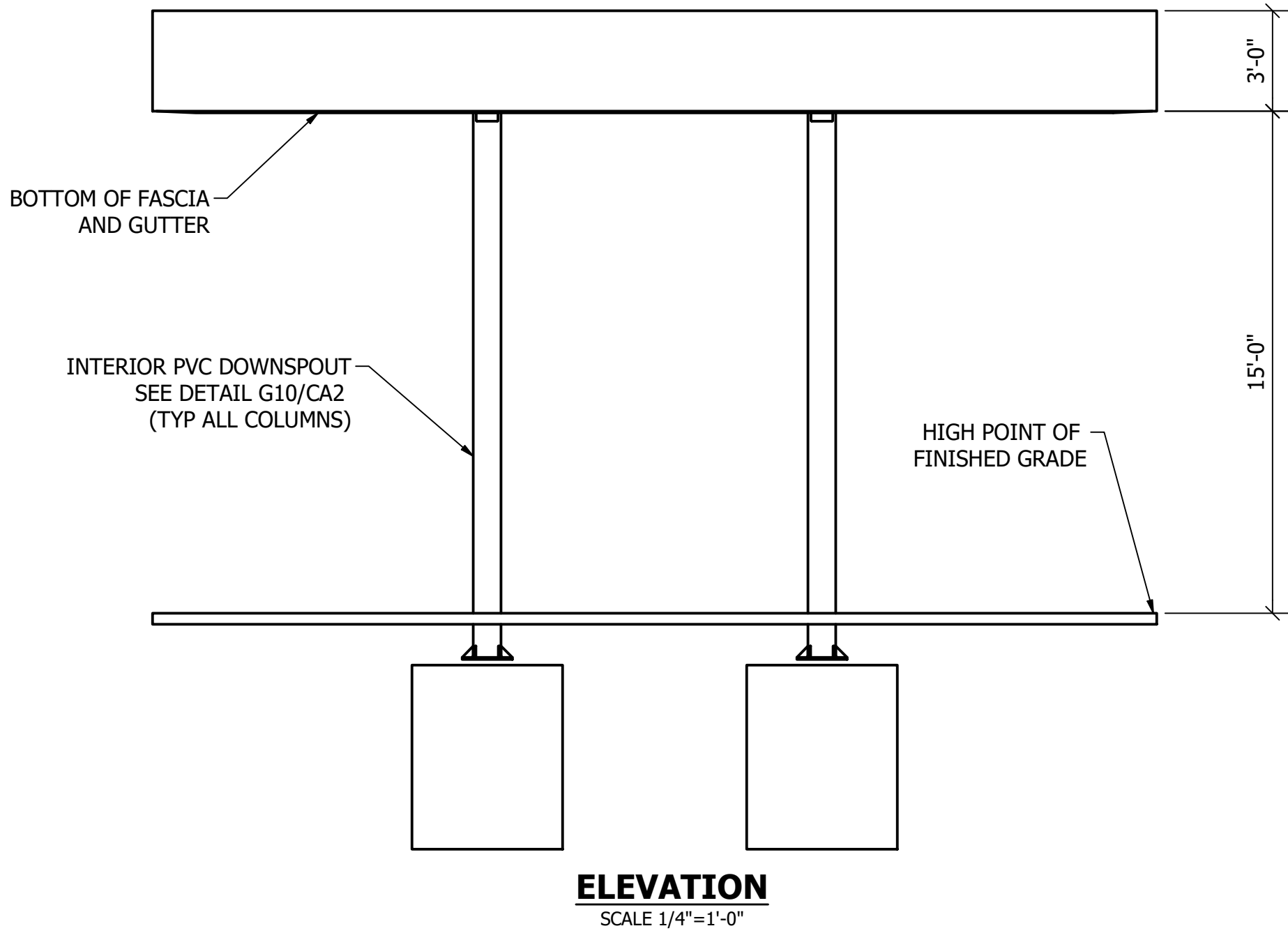
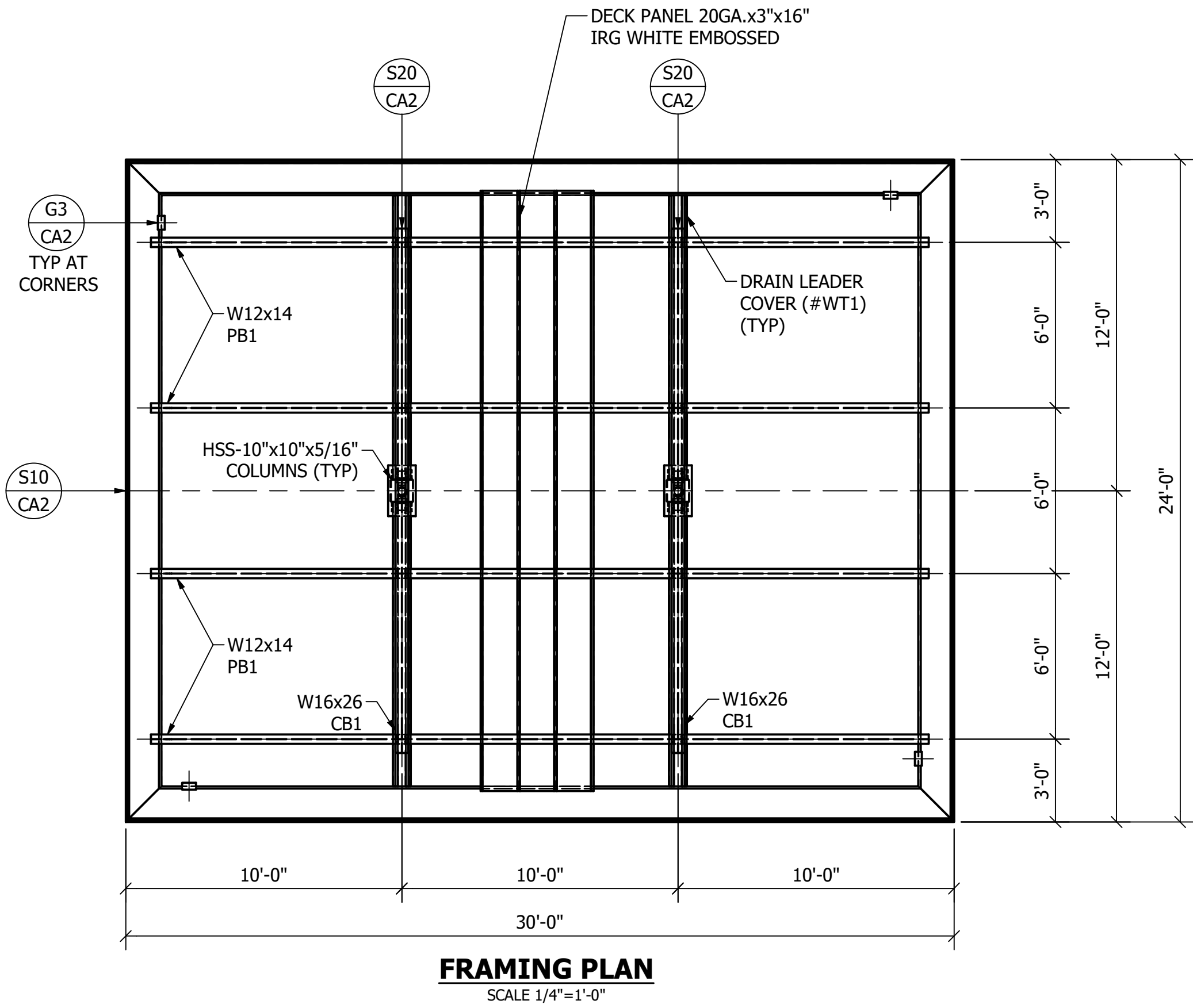
SCALE 3/8" = 1'-0"



ANCHOR BOLTS

(4) REQ'D. PER FOOTING

FOR ANCHOR BOLT SHIPMENT		
		
8	-AB3 (1 1/4"Ø x 30" ANCHORBOLT)	
 <p>ABT1 (TEMPLATE)</p>		
2	WOOD	TEMPLATE



STEEL NOTES
1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS. DESIGN, FABRICATION AND ERECTION OF COLD FORMED STEEL SECTIONS SHALL CONFORM TO THE LATEST AISI SPECIFICATIONS.
2. STRUCTURAL MATERIALS:
WIDE FLANGE SECTIONS - ASTM A992 OR A572 GRADE 50 (Fy = 50 KSI)
ANGLES / CHANNELS - ASTM A36 (Fy = 36 KSI)
HOLLOW STRUCTURAL SECTIONS (TUBE) - ASTM A500 GRADE B (Fy = 46 KSI)
PIPE SECTIONS - ASTM A53, GRADE B (Fy = 35 KSI)
PLATE - ASTM A36 (Fy = 36 KSI)
ROOF DECK - ASTM A653, GRADE 50 (Fy = 50 KSI), GALVANIZED (G60) WITH FULL COAT OF POLYESTER PAINT BAKED ON OVER AN EPOXY PRIMER.
STEEL OUTRIGGERS - ASTM A653 GR. CS (Fy = 25 KSI), GALVANIZED (G90) PER ASTM 924
STRUCTURAL BOLTS - ASTM F3125 GR A325
ANCHOR BOLTS - ASTM F1554 GR. 55 (Fy = 55 KSI)
3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI / AWS D1.1
4. FIELD CONNECTIONS SHALL BE BOLTED CONNECTIONS UNLESS SPECIFIED ON DRAWING.
5. ALL STRUCTURAL BOLTED CONNECTIONS SHALL USE ASTM F3125 GR A325 BOLTS. BOLTED JOINTS SHALL BE TIGHTENED TO SNUG TIGHT PER LATEST KCSC SPECIFICATION.
6. STRUCTURAL STEEL SHALL BE SHOP COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER. FIELD TOUCH-UP, FINISH PAINTING, AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER (UNLESS OTHERWISE SPECIFIED).
7. DESIGN LOADS PER ASCE7-10 AND 2012 IBC:

RISK CATEGORY II

ROOF LIVE LOAD = 20 PSF (ERECTION & MAINTENANCE ONLY - NO PUBLIC ACCESS)

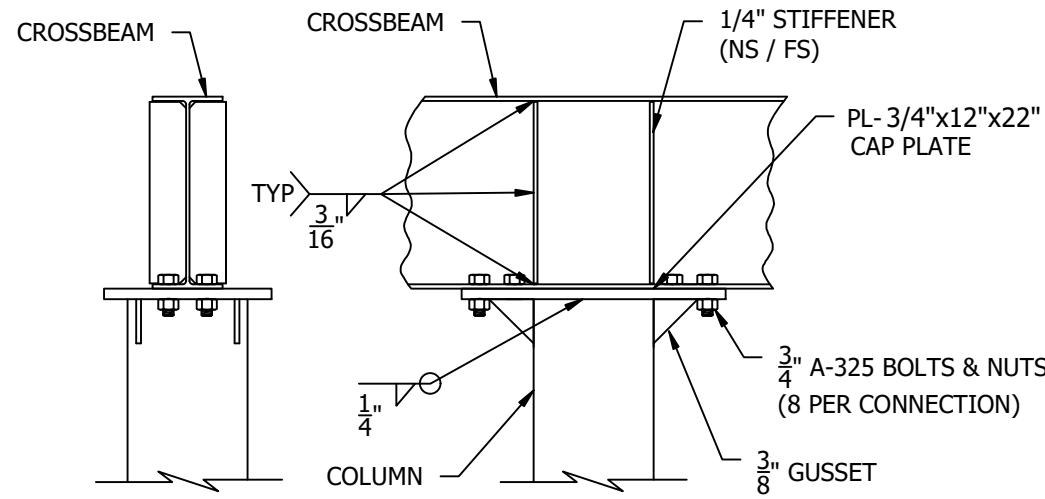
FLAT ROOF SNOW LOAD = 35 PSF
BASED ON GROUND SNOW LOAD = 35 PSF
Is = 1.0; Ct = 1.2; Ce = 1.0

WIND LOADS:
LATERAL = +/- 35 PSF (MWFRS)(USING 0.6 W FOR ASD)
UPLIFT = +/- 20 PSF (MWFRS)(USING 0.6 W FOR ASD)
BASED ON 132 MPH ULTIMATE WIND SPEED PER ASCE 7 EXPOSURE "C"
IMPORTANCE FACTOR = 1.0; OPEN STRUCTURE, NO INTERNAL PRESSURE

SEISMIC LOADS:
SEISMIC RISK CATEGORY II, SITE CLADD "D", SEISMIC DESIGN CATEGORY "B"
Sds = 0.22G (Ss = 0.20G, Fa = 1.6), Sd1 = 0.11G (S1 = 0.066G, Fv = 2.4)
SEISMIC FORCE RESISTING SYSTEM IS INVERTED PENDULUM CANTILEVERED COLUMN, R = 2.0
Cs = 0.11 DESIGN BASE SHEAR, Cs x W = 0.0,58K/COLUMN USING EQUIVALENT LATERAL FORCE PROCEDURE

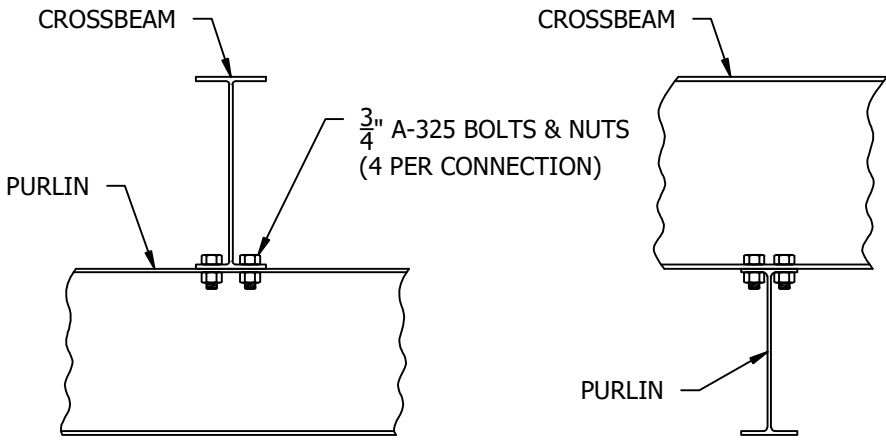
DEAD LOADS:
DECK / GUTTER / LIGHTS - 5 PSF
FASCIA - 10 PLF
STRUCTURAL STEEL - SELF WT
CONCRETE - 145 PCF

8. CANOPY USE GROUP "M" / CONSTRUCTION TYPE II-B



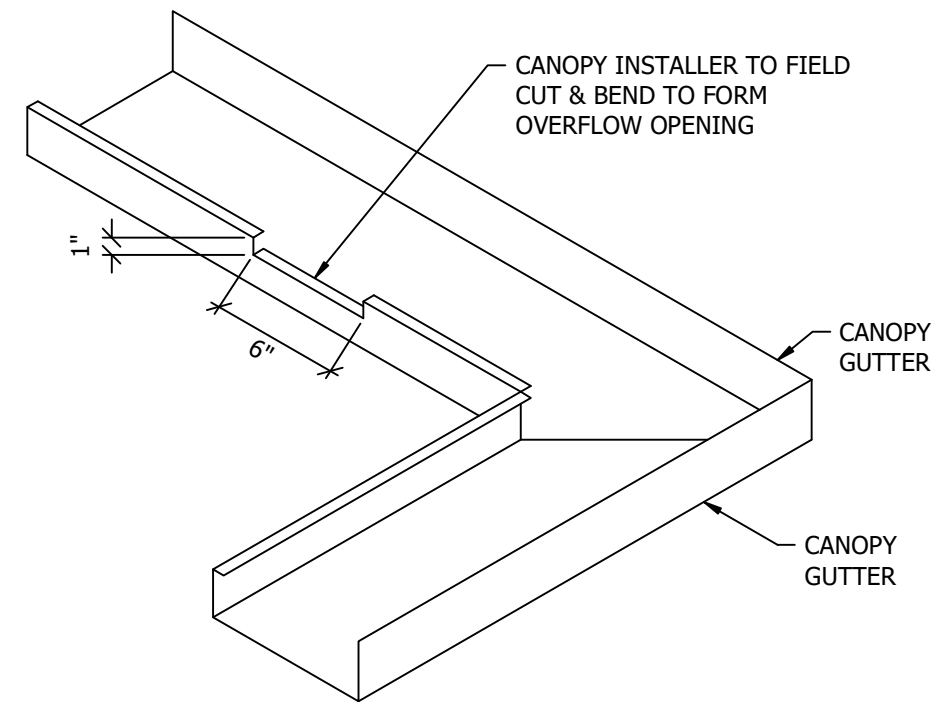
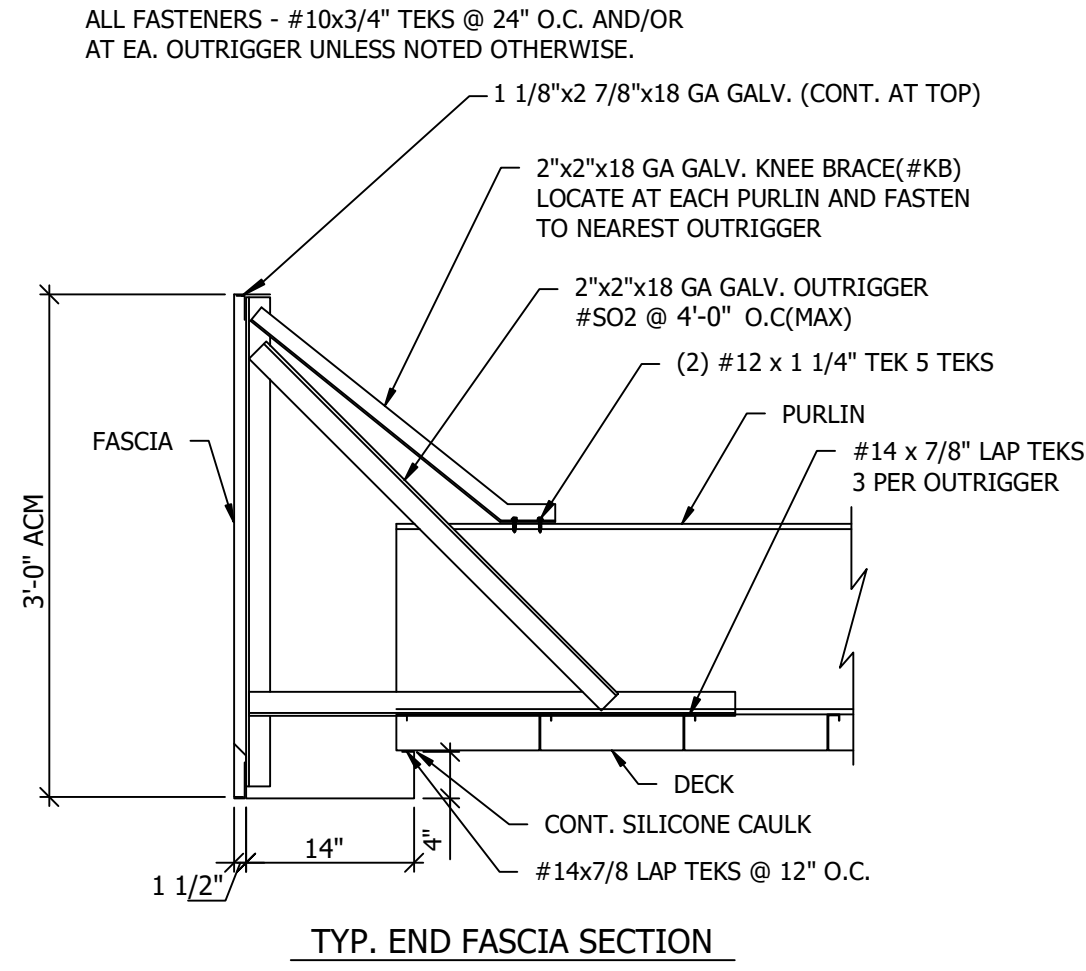
S10
CA2

CROSSBEAM TO COLUMN CONNECTION



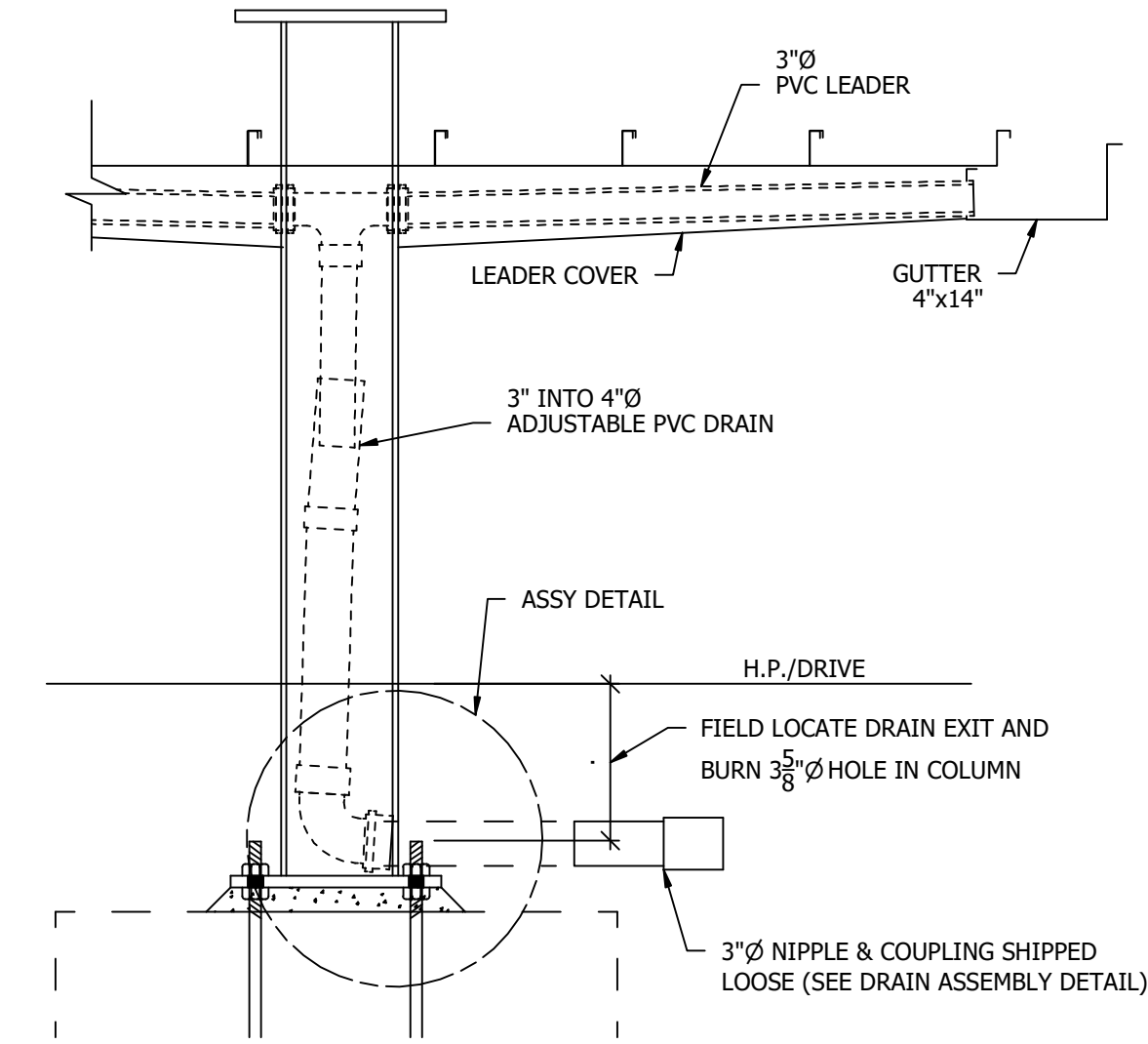
S20
CA2

CROSSBEAM TO PURLIN CONNECTION



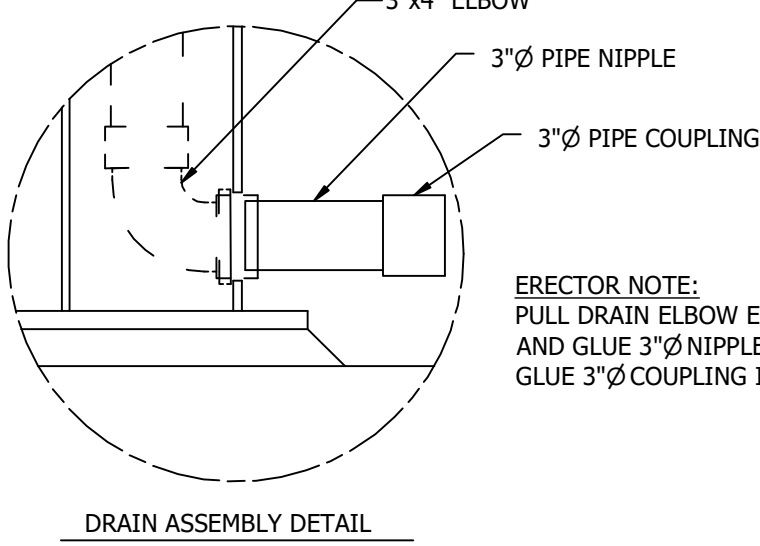
G3
CA2

FIELD CUT GUTTER OVERFLOW DETAIL



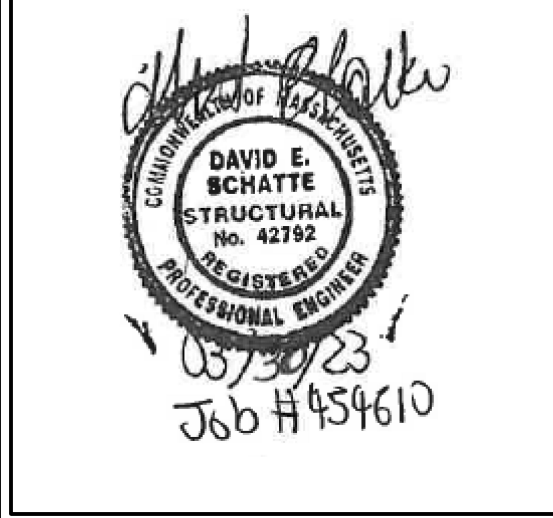
G10
CA2

ADJUSTABLE DRAIN DETAIL



REV	DATE	BY	PERMIT / APPROVAL	DESCRIPTION
0	3/29/23	TJH	PERMIT / APPROVAL	

REVISION HISTORY



DAVID E. SCHATTE
10609 99TH STREET
OVERLAND PARK, KS. 66214
LICENSE #42792



P.O. Box 90
Clayville, New York 13322
Phone: 315.867.9799

THESE PLANS ARE SUBJECT TO
FEDERAL COPYRIGHT LAWS
ANY USE OF SAME WITHOUT THE
EXPRESS WRITTEN PERMISSION
OF VFS, LLC IS PROHIBITED

SITE:
UNBRANDED CANOPY
WEYMOUTH, MA
24' x 30'
(2) COLUMN CANOPY

SCALE:
AS SHOWN

DRAWN BY:
TJH

CHECKED BY:
DES

JOB NUMBER:
454610

SHEET TITLE:
FRAMING PLAN

SHEET NUMBER:
CA2 of 2