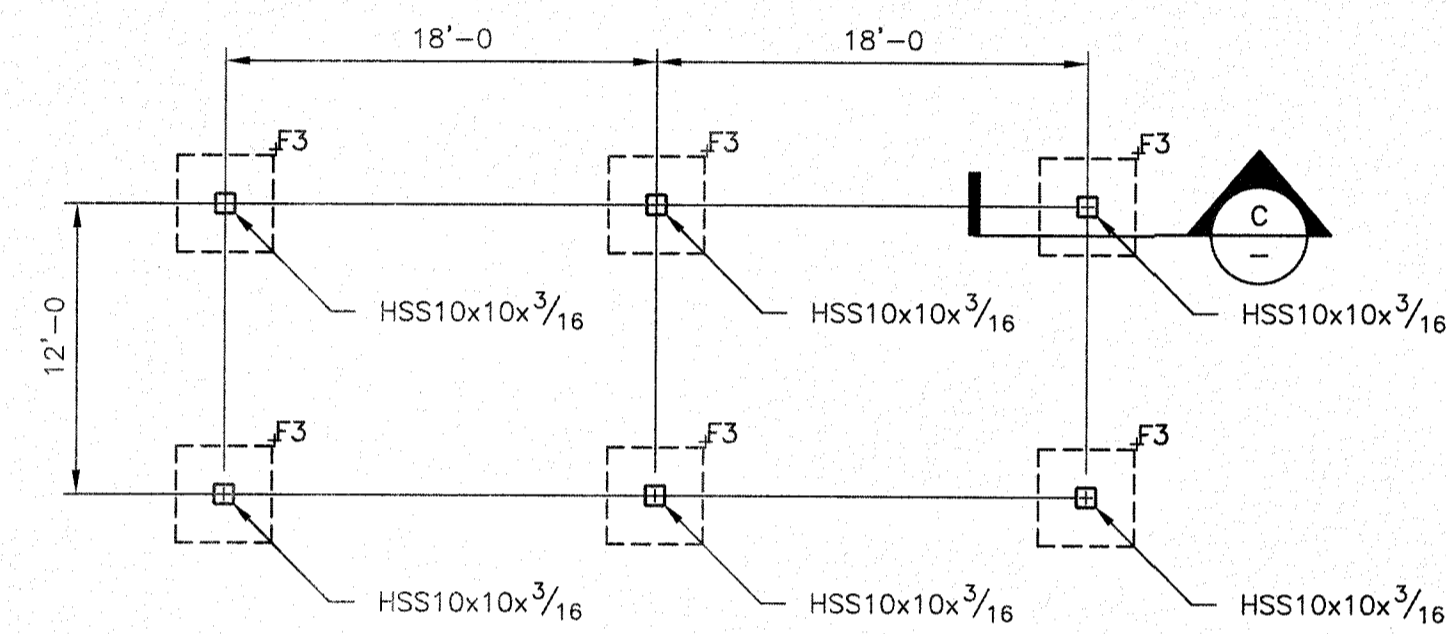
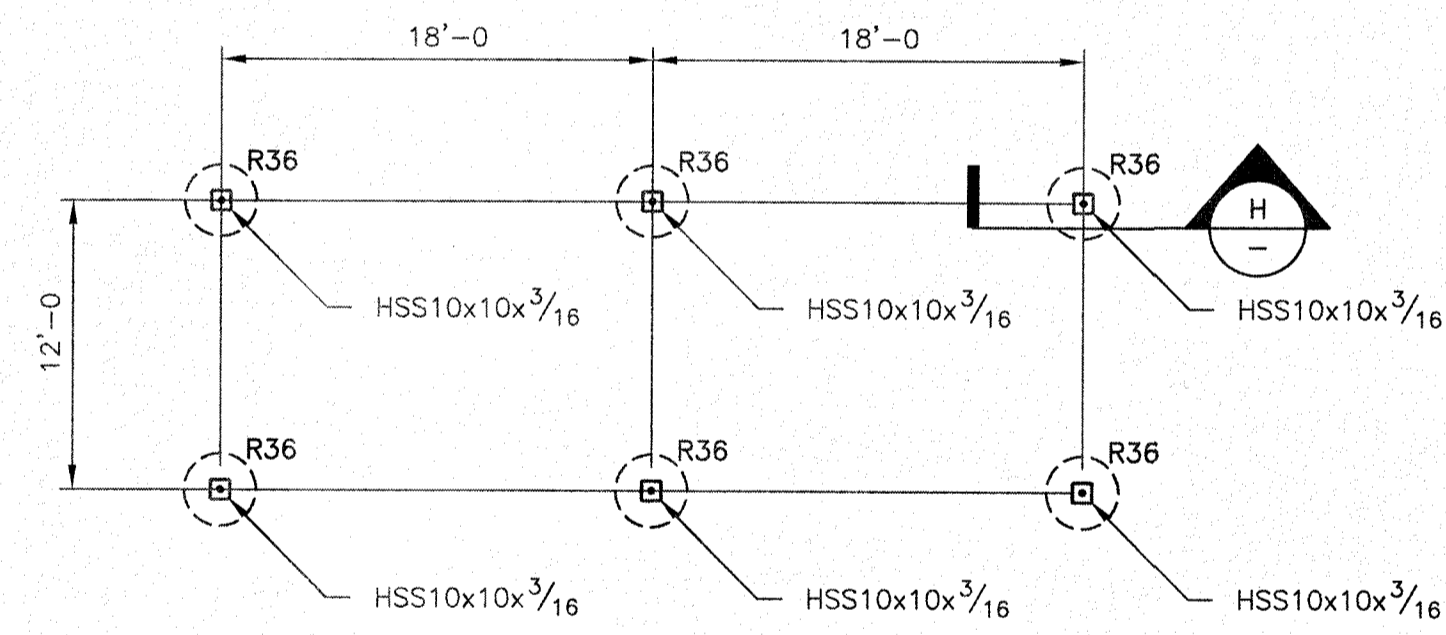


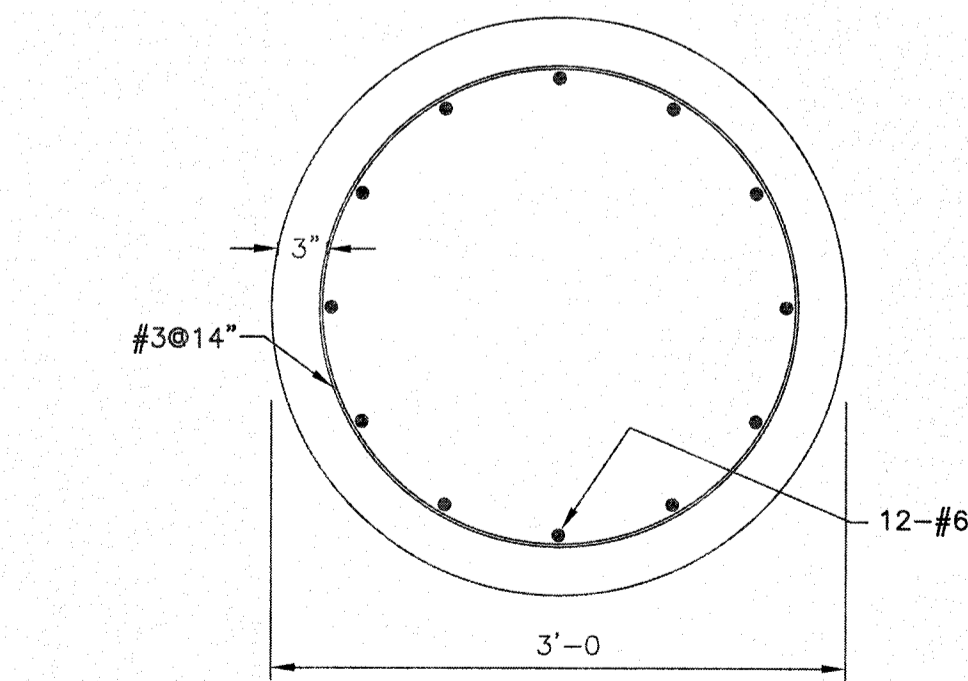
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



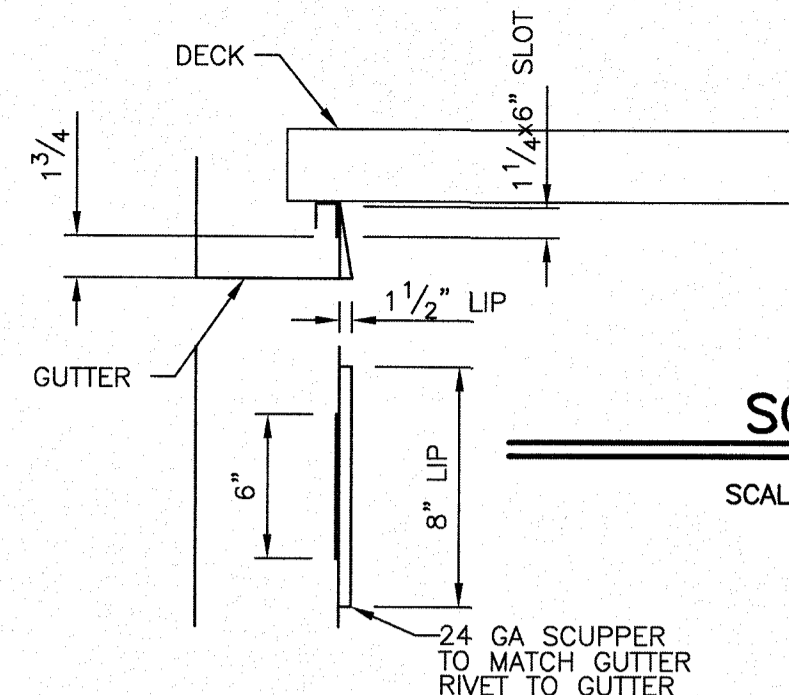
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



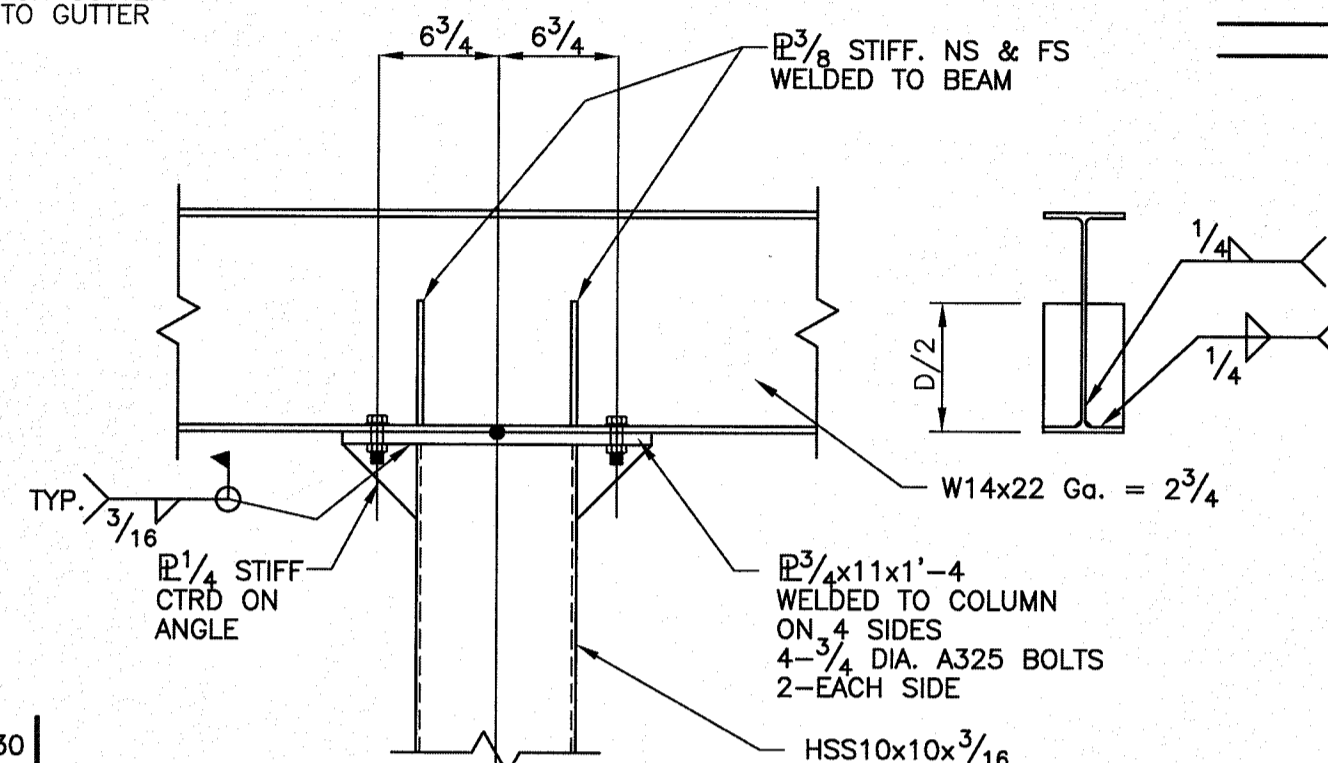
FOUNDATION PLAN (ALTERNATE)
SCALE: 1/8" = 1'-0"



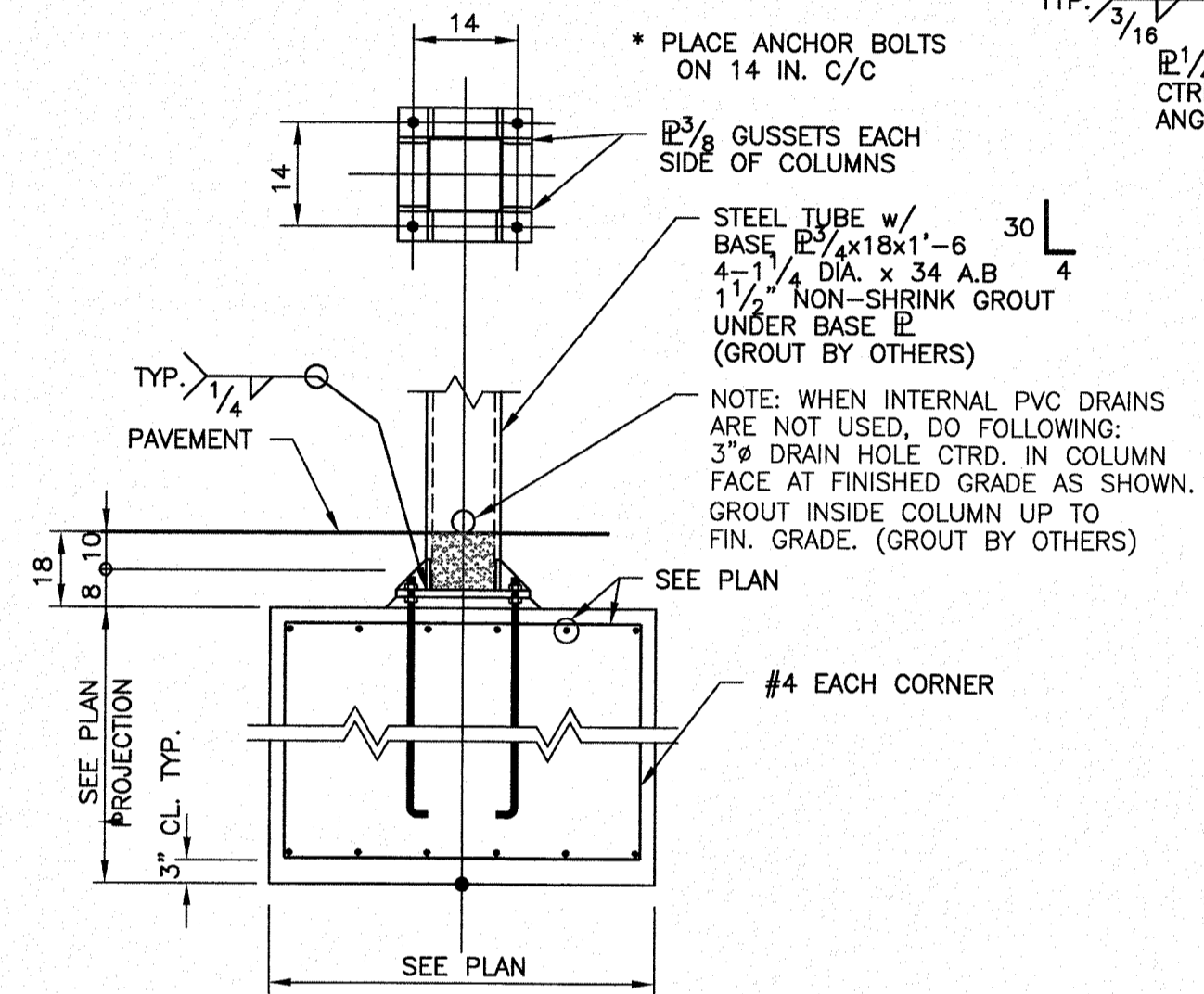
SECTION A



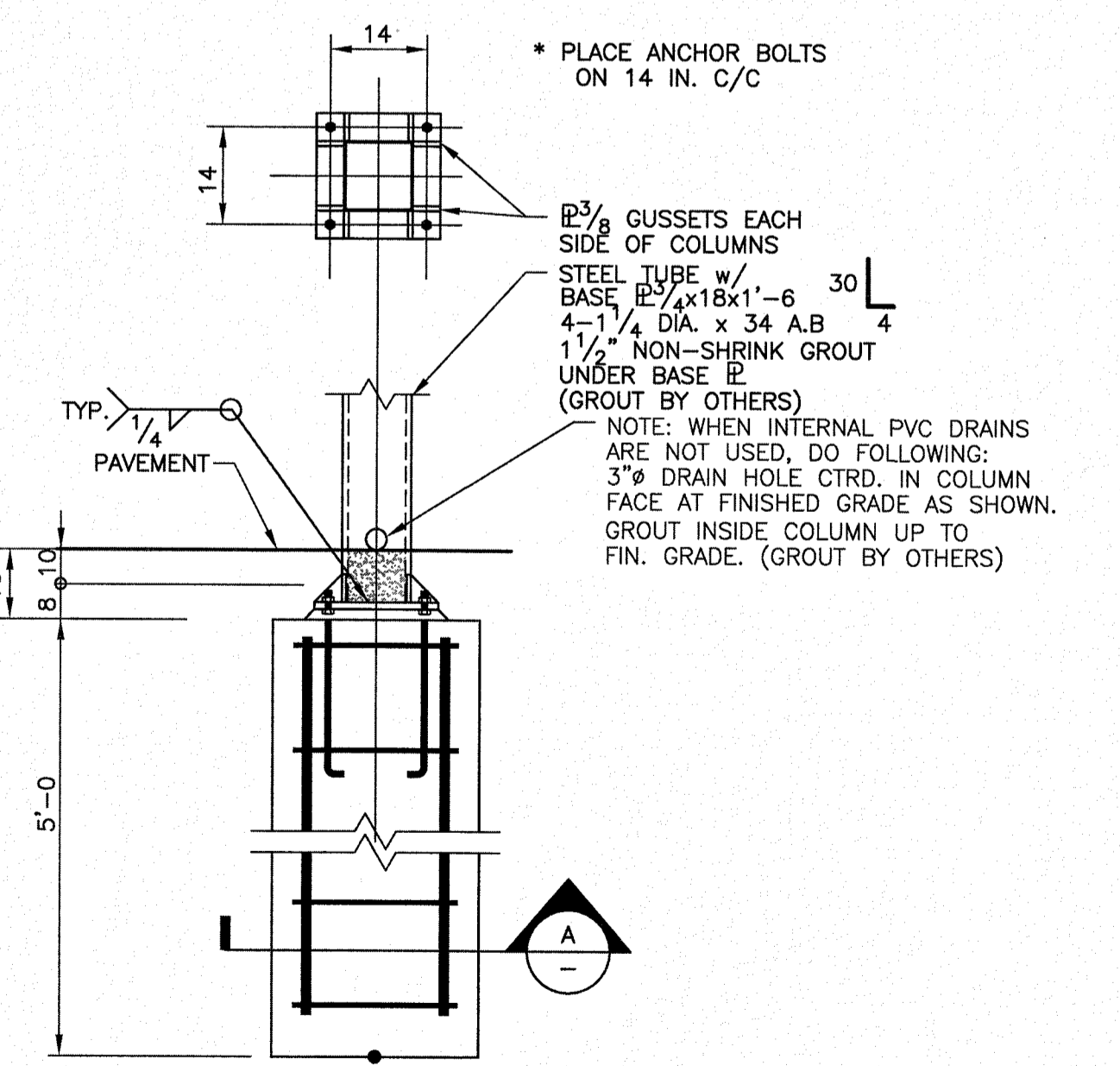
SCUPPER
SCALE: 1 1/2" = 1'-0"



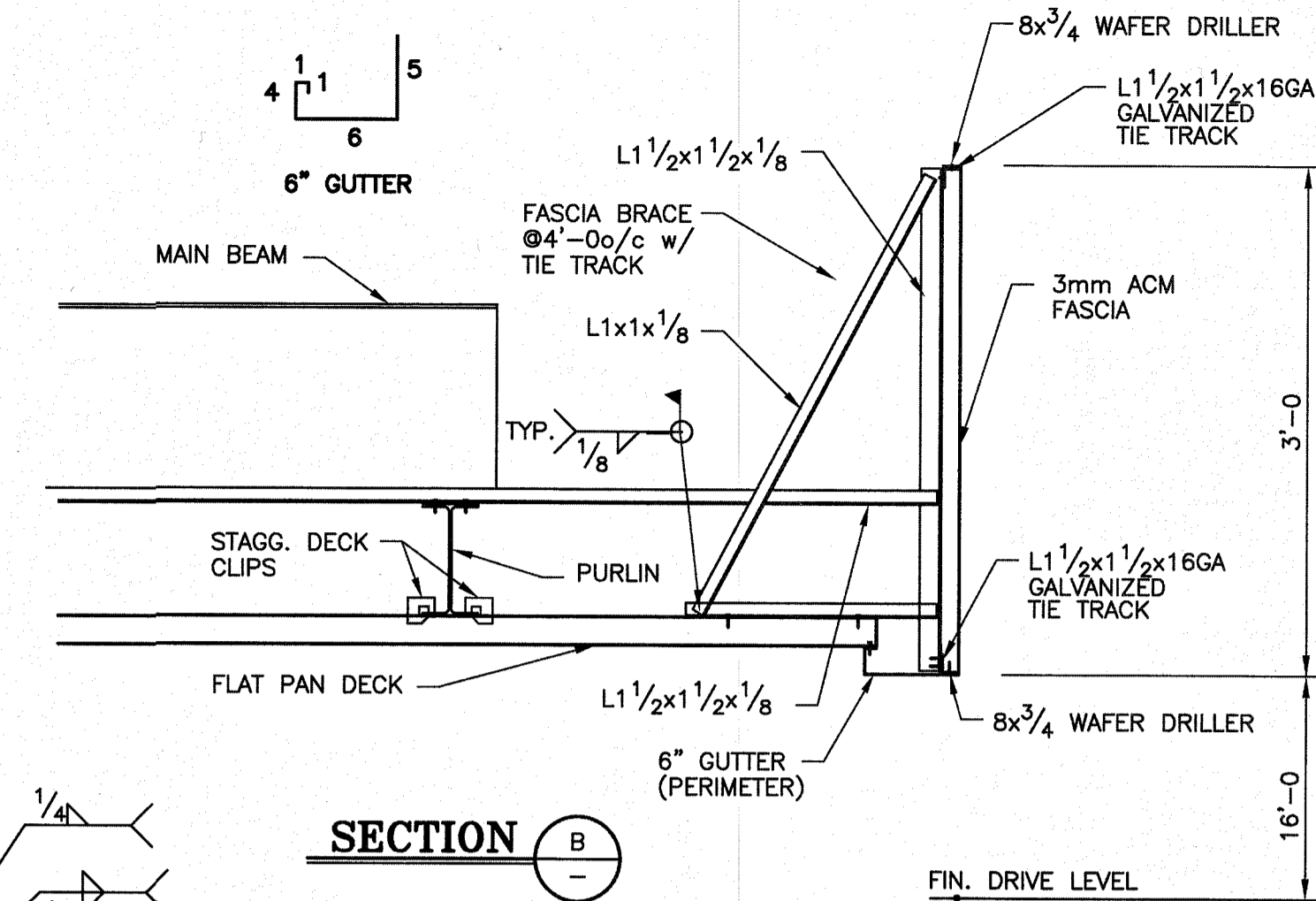
SECTION D



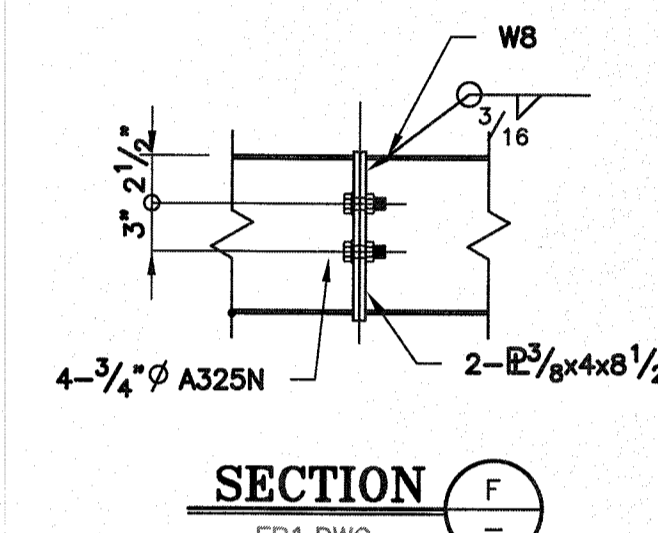
DETAIL C



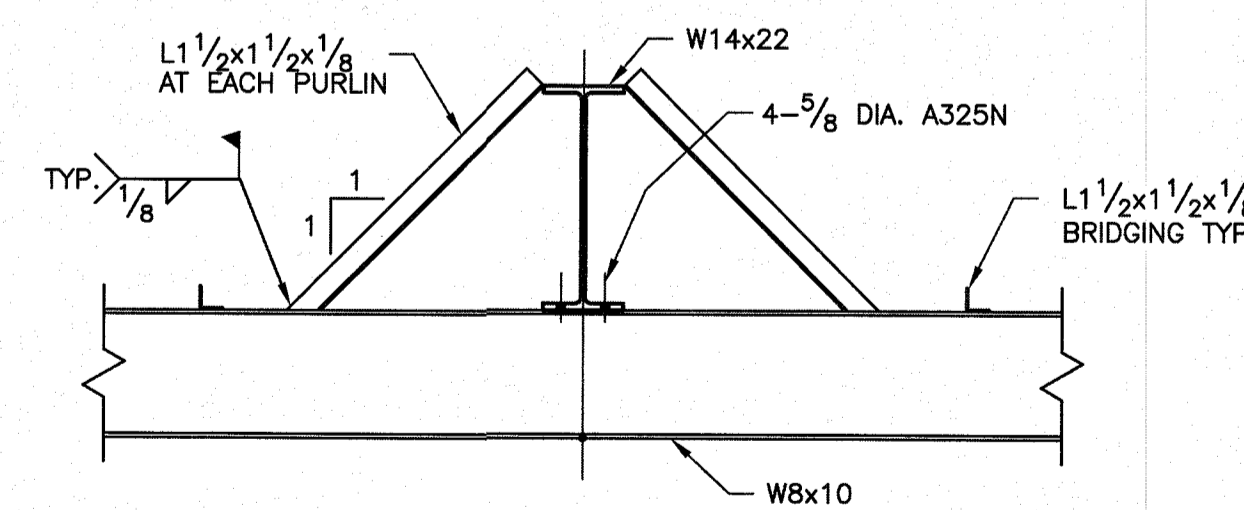
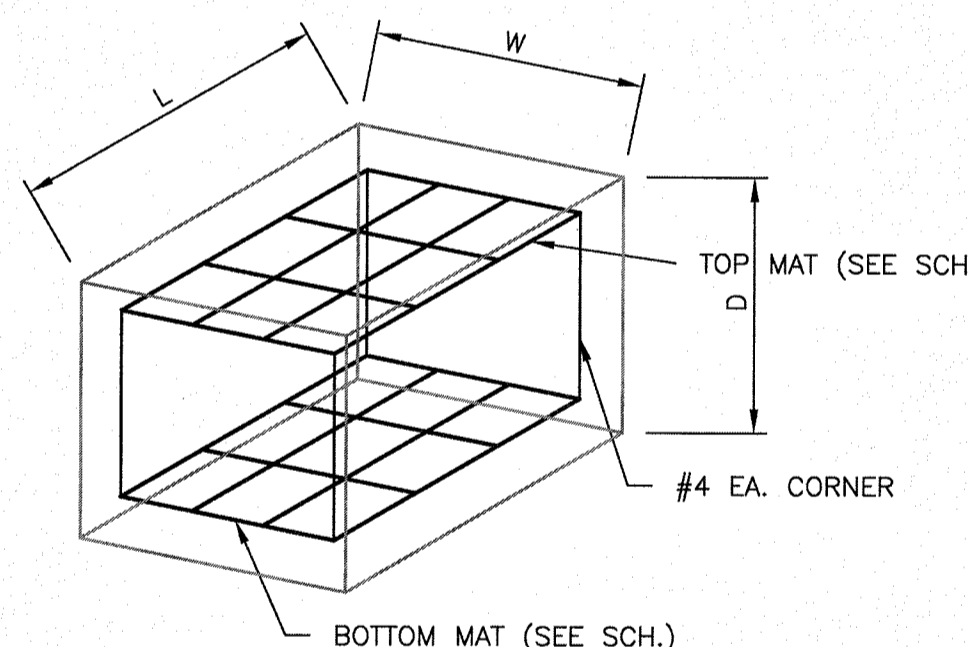
DETAIL H (ALTERNATE)



SECTION B



SECTION F

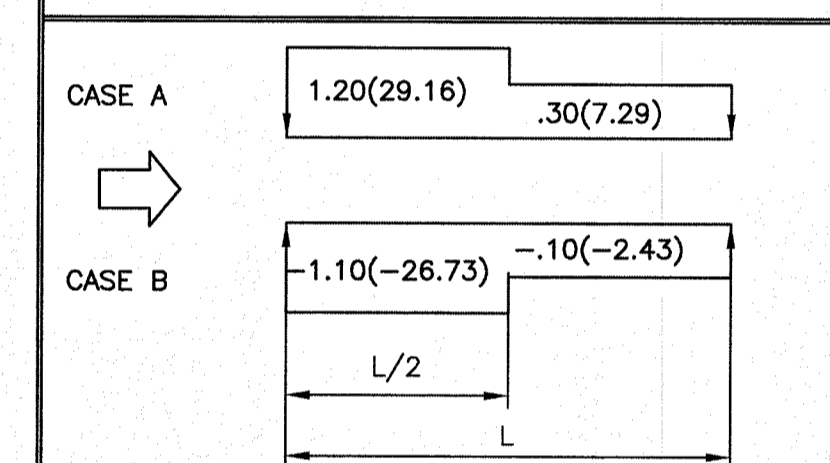


SECTION E

FOOTING SCHEDULE

MARK	DIMENSIONS: LxWxD	#4 STEEL MAT TOP AND BOTTOM	#5 STEEL MAT TOP AND BOTTOM	#6 STEEL MAT TOP AND BOTTOM	REMARKS
F3	4'-0x4'-0x4'-0	#4@8o/c E.W	#5@10o/c E.W	#6@12o/c E.W	#4, #5, AND #6 OPTIONS ALL STEEL SHOWN IS TO BE PLACED EACH WAY.

NOTE: THIS CANOPY IS DESIGNED PER ASCE 7-16 SEE FIG. 27.3-4, UNBALANCED WIND LOAD



- * CLEAR WIND FLOW
- NOTES:
- THESE LOADS HAVE BEEN APPLIED TO STRUCTURE IN ACCORDANCE WITH ASCE 7-16, CHAPTER 2, 2.4.1 BASIC COMBINATIONS FOR ALLOWABLE STRESS
 - THESE STEEL MEMBERS HAVE BEEN SIZED BASED ON ASD, AISC 14TH EDITION.
 - ANALYSIS OF THIS STRUCTURE HAS BEEN ACCOMPLISHED USING THE LATEST GENERATION OF MATRIX BASED SOFTWARE.
 - COLUMN SLENDERNESS FACTORS ARE BASED ON CHAPTER C, DIRECT ANALYSIS METHOD.
 - BASES ARE FIXED.

STRUCTURE LOADS

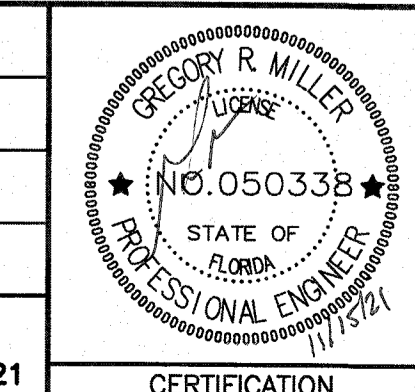
PARAMETER	CODE REFERENCE
DEAD LOAD	4.0 PSF (plus SELFWEIGHT) 1606.1
LIVE LOAD	20.0 PSF (w/ APP. RED.) 1607.12.2.1
SNOW LOAD	1.0 PSF + DRIFTS ASCE 7-16, PART 7.0
WIND SPEED	Vult=118.0(Vgnd=91.4)MPH 3s Gust qz=27.0 PSF ASCE 7, PART 26-29
VERT. ROOF PRESSURE	CATEGORY II lw 1.0 EXP. C
CASE A Cnw Cnl	Case B Cnw Cnl ASCE 7, FIG. 27.3-4
1.20(29.16) .30(7.29)	-1.10(-26.73) -1.0(-2.43)
HORIZ. FASCIA PRESSURE	Case A & B Cfx ASCE 7, FIG. 29.3-1
1.89(51.05)	1.85(50.01)
SEISMIC DATA	ASCE 7-16
2 SEC. SPECTRUM RESPONSE, Ss	0.0860 FIG. 22.1
1 SEC. SPECTRUM RESPONSE, S1	0.0510 FIG. 22.2
LONG PERIOD TRANSITION PERIOD, Tl	8 FIG. 22-14
RISK CATEGORY	II TAB. 1.5-1
SEISMIC FACTOR, Ie	1.00 TAB. 1.5-2
SITE COEFFICIENT, Fp	1.60 TAB. 11.4-1
SITE COEFFICIENT, Fv	2.40 TAB. 11.4-2
SITE CLASSIFICATION	D TAB. 20.3-1
SITE ADJUSTMENT COEFFICIENT, Sms	0.1376 EQ. 11.4-1
SITE ADJUSTMENT COEFFICIENT, Sm1	0.1224 EQ. 11.4-2
DESIGN SPECTRAL RESPONSE, SDS	0.0918 EQ. 11.4-3
DESIGN SPECTRAL RESPONSE, SD1	0.0816 EQ. 11.4-4
W, Kips	07.00 12.8
SEISMIC RESPONSE COEFFICIENT, Cs	0.0306 0.0734 12.8.1.1
BASIC STRUCTURAL SYSTEM - SEISMIC RESISTING SYSTEM	
Non-Detailed Sys./Orid. Cant. Col.	
RESPONSE MODIFICATION FACTOR, R	3.00 1.25 TAB. 12.2-1
METHOD OF ANALYSIS - EQUIVALENT LATERAL FORCE	V=CaW 12.8
BASE SHEAR, Kips	.21 .51 EQ. 12.8-1

PREPARED BY: CARTER-MILLER-SANSING, LTD., P.O.B 4324, MERIDIAN, MS 39304, 601-483-0601

GENERAL NOTES

- FOUNDATIONS:**
THE SOIL BEARING VALUE SHALL NOT BE LESS THAN 2000 PSF. THE BEARING VALUE SHALL BE VERIFIED BY THE G.C. FOOTINGS SHALL BEAR IN UNDISTURBED SOIL. ALL 1/FOOT ELEVATION ARE TO BE THE SAME UNLESS SHOWN OTHERWISE. IF ELEVATIONS ARE NOT THE SAME C&S CANOPY MUST BE INSTRUCTED OF ELEV.'S IN WRITING WHEN CANOPY ORDER IS PLACED. FOOTING DESIGN COMPLIES W/ACI-318.
- REINFORCING STEEL:**
ALL DEFORMED BARS SHALL COMPLY W/ASTM A615 Fy=60 AND SHALL BE WIRE TIED AT ALL JOINTS. RUSTY, OILY, OR DIRTY STEEL SHALL NOT BE USED.
- ANCHOR BOLTS:**
ANCHOR BOLTS MUST BE INSTALLED WITH A TEMPLATE AND WITHIN 1/8-INCH OF MEASUREMENTS OF THE BASE PLATE OR COLUMN WILL NOT BE CONSIDERED. CONTRACTOR IS RESPONSIBLE FOR RECESSING FOOTINGS 18 - INCHES BELOW FINISH GRADE AND FOR EXTENDING ANCHOR BOLTS 6 - INCHES ABOVE FOOTINGS IN ORDER FOR CANOPY TO ERECT PROPERLY. ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 36.
- CONCRETE:**
ALL CONCRETE SHALL BE 3000 PSI IN 28 DAYS. ALL CONC. SHALL BE PLACED IN ACCORDANCE WITH ACI-318.
- STRUCTURAL STEEL:**
ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS. W-SHAPES SHALL BE ASTM A992. MISCELLANEOUS STEEL, PLATES, ANGLES, AND CHANNELS ARE TO BE ASTM A36. HSS SHAPES SHALL BE ASTM A500 GR. B. PROOF OF WELDERS CERTIFICATION SHALL BE AVAILABLE ON REQUEST. ALL BOLTS SHALL BE IN ACCORDANCE W/ASTM A325.
- OTHER CONCRETE ITEMS:**
OTHER CONCRETE ITEMS SUCH AS DRIVE THRU SLAB, BUILDING SLAB, PERIMETER FOOTING AND LOAD BEARING FOOTINGS NOT USED FOR THE CANOPY ARE TO BE AT THE SAME ELEVATION UNLESS SHOWN OTHERWISE. IF ELEVATIONS ARE TO VARY, C & S CANOPY MUST BE INSTRUCTED OF ELEVATIONS IN WRITING WHEN ORDER IS PLACED.
- FOUNDATION NOTE:**
FOOTINGS PROVIDED BY CUSTOMER. C & S CAN. IS NOT RESPONSIBLE OR LIABLE FOR THE USE OF EXIST. FOOTINGS.

GREGORY R. MILLER
FLORIDA (CA 31480)
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MANUFACTURER:	C & S CANOPY, INC.
CUSTOMER:	SOUTHWEST GEORGIA OIL
SCALE: NOTED	DRAWN:
DATE:	APPROVED BY:
LOCATION: SOUTHWEST GEORGIA OIL	REVISD:
LAKE CITY, FL	DRAWING NO: 21141

NO.	DATE:	BY:
1		
2		
3		

CARTER MILLER SANSING: 2021-607
DATE: 11/11/2021