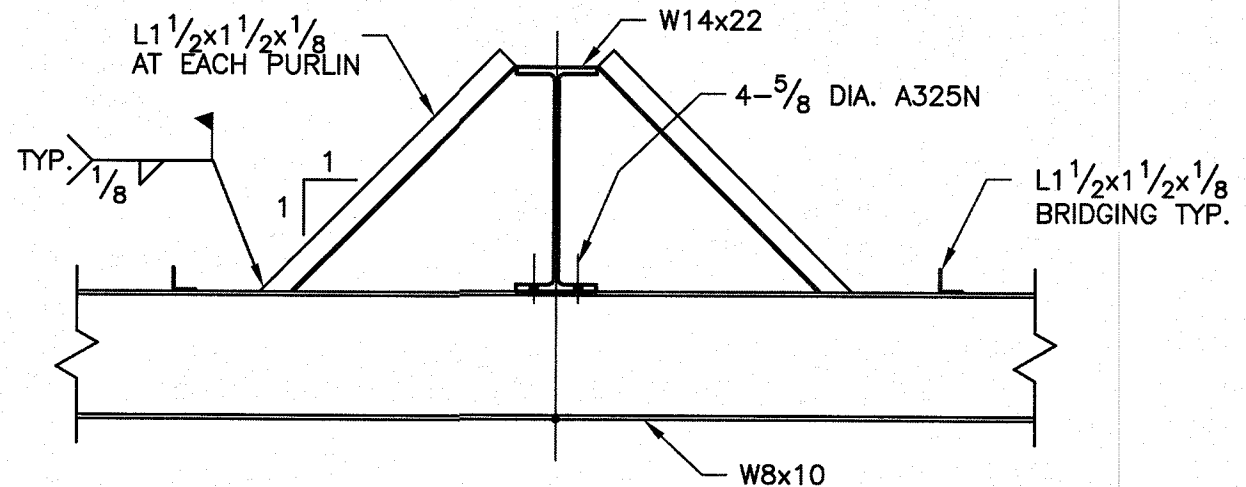
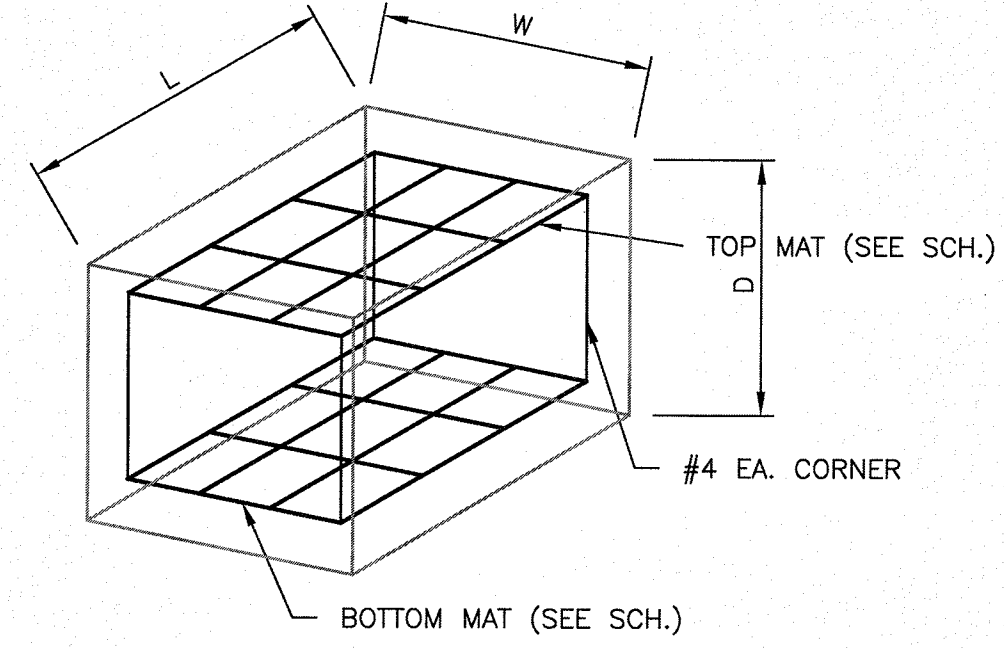
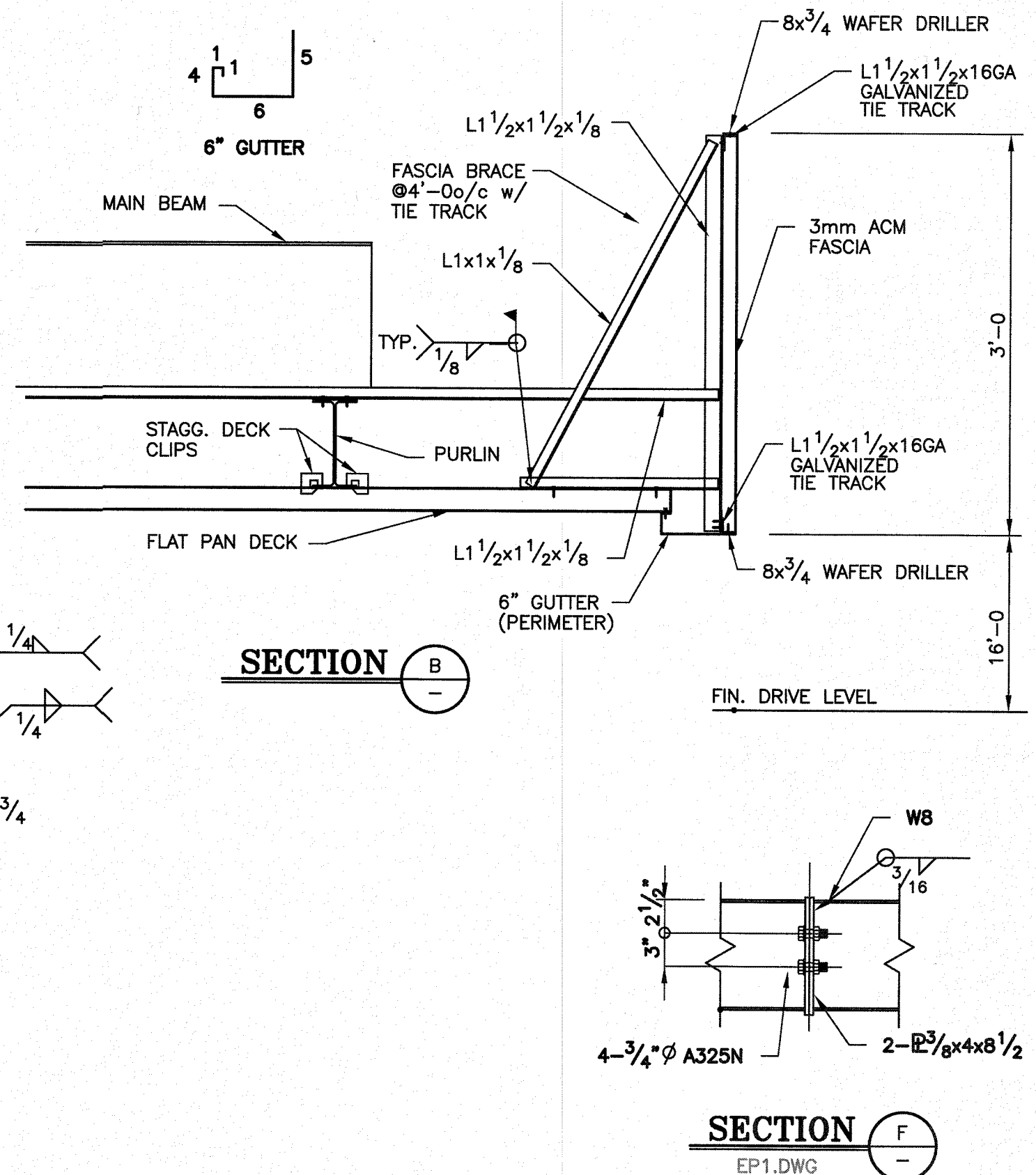
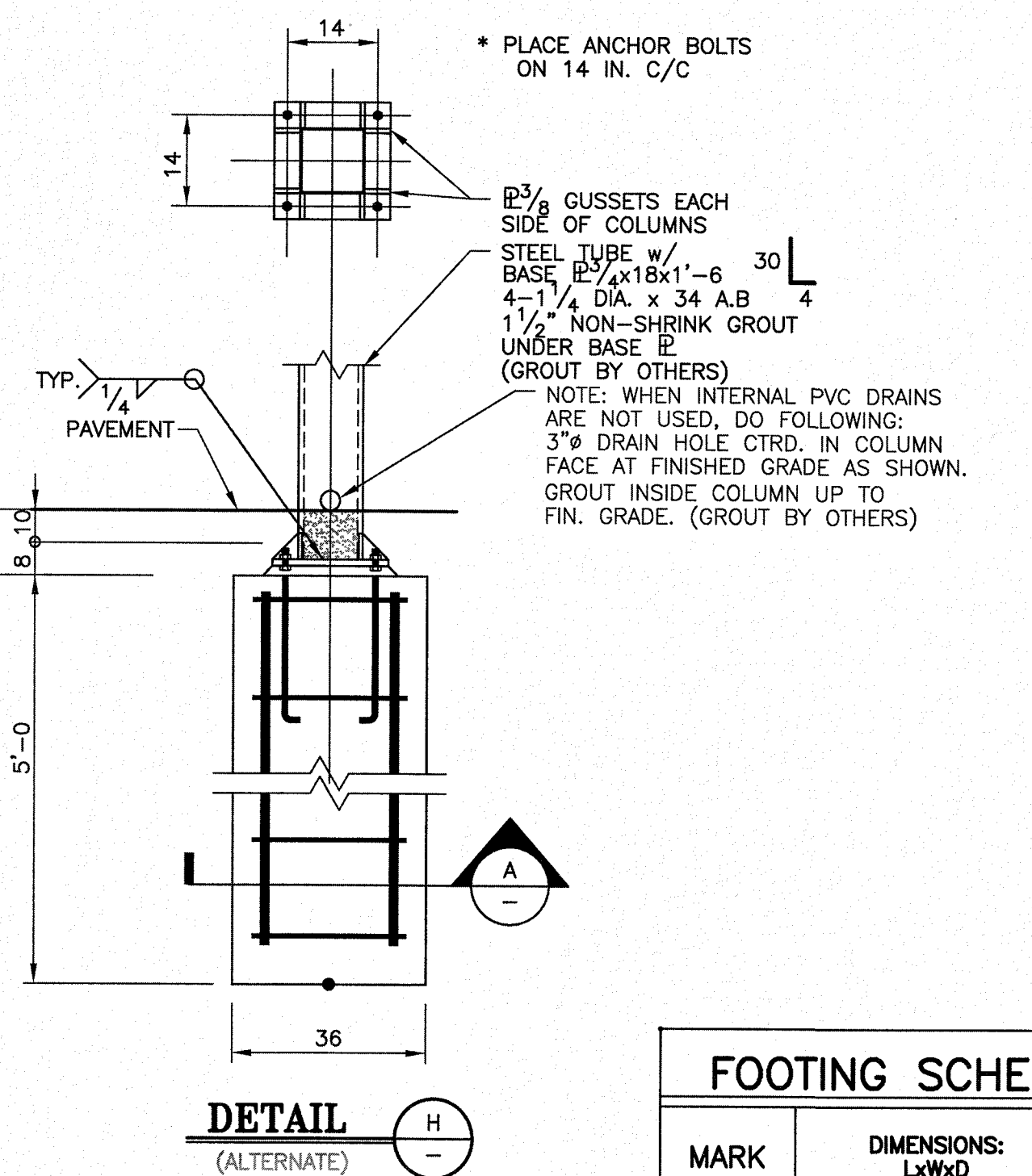
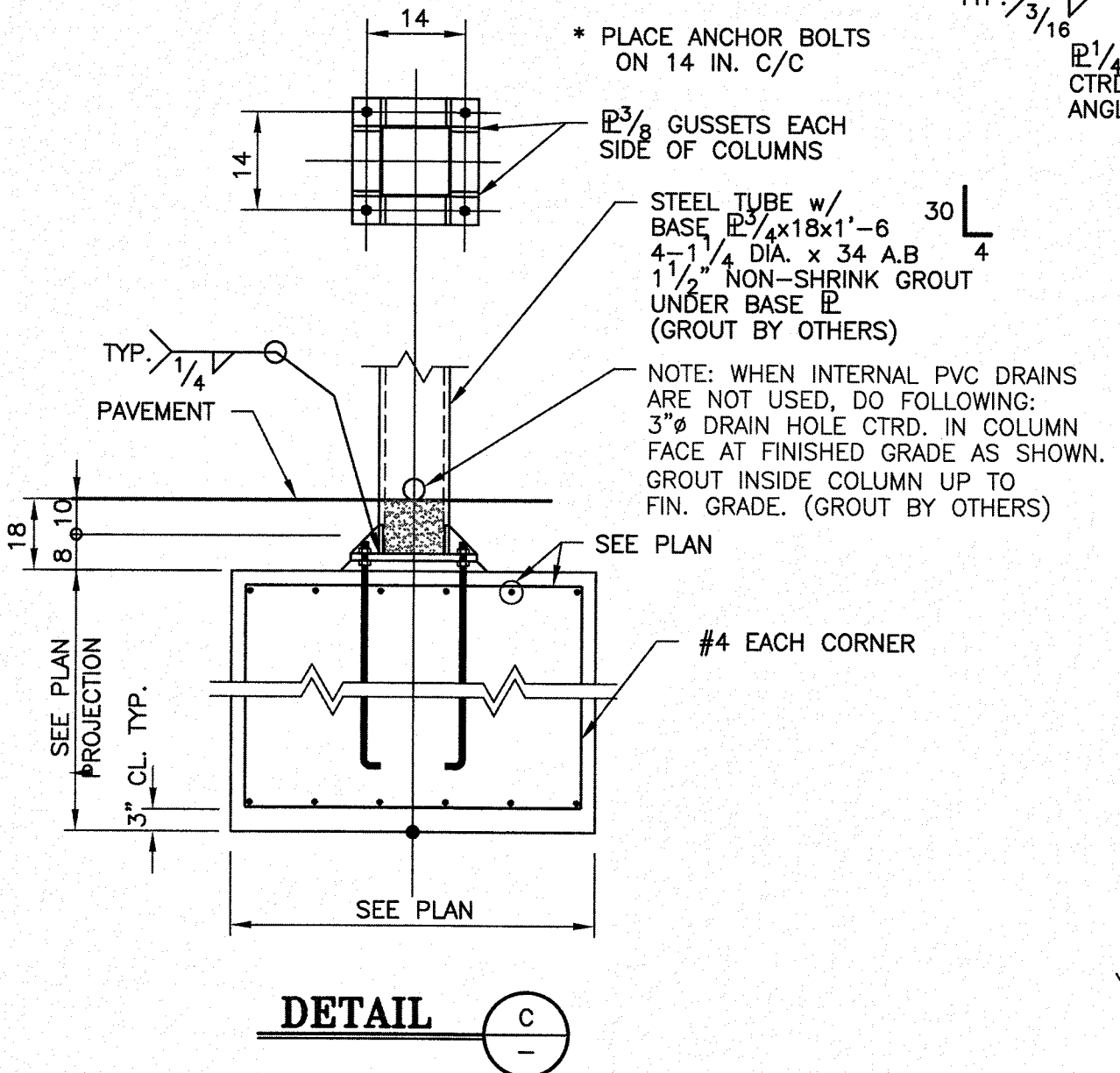
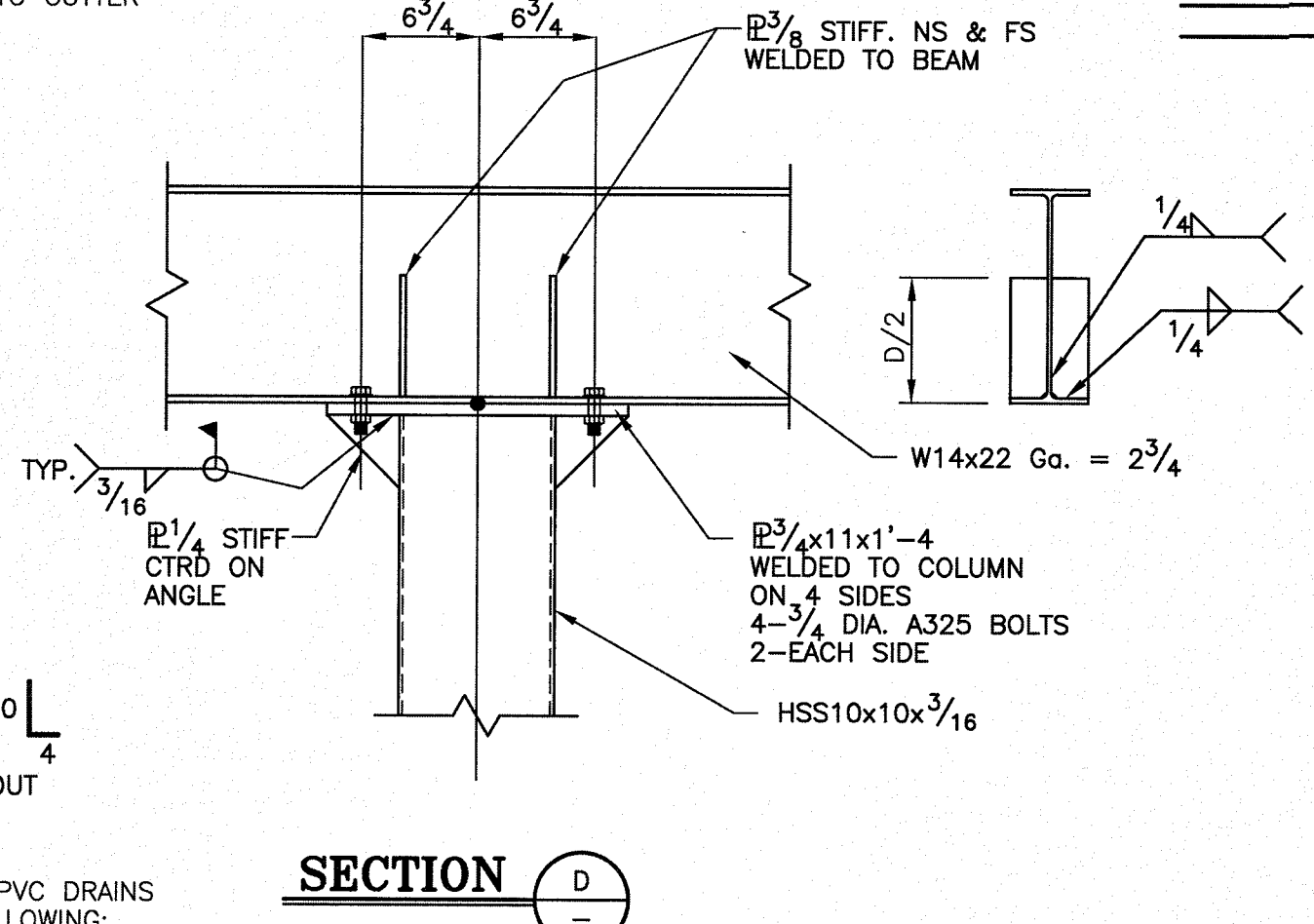
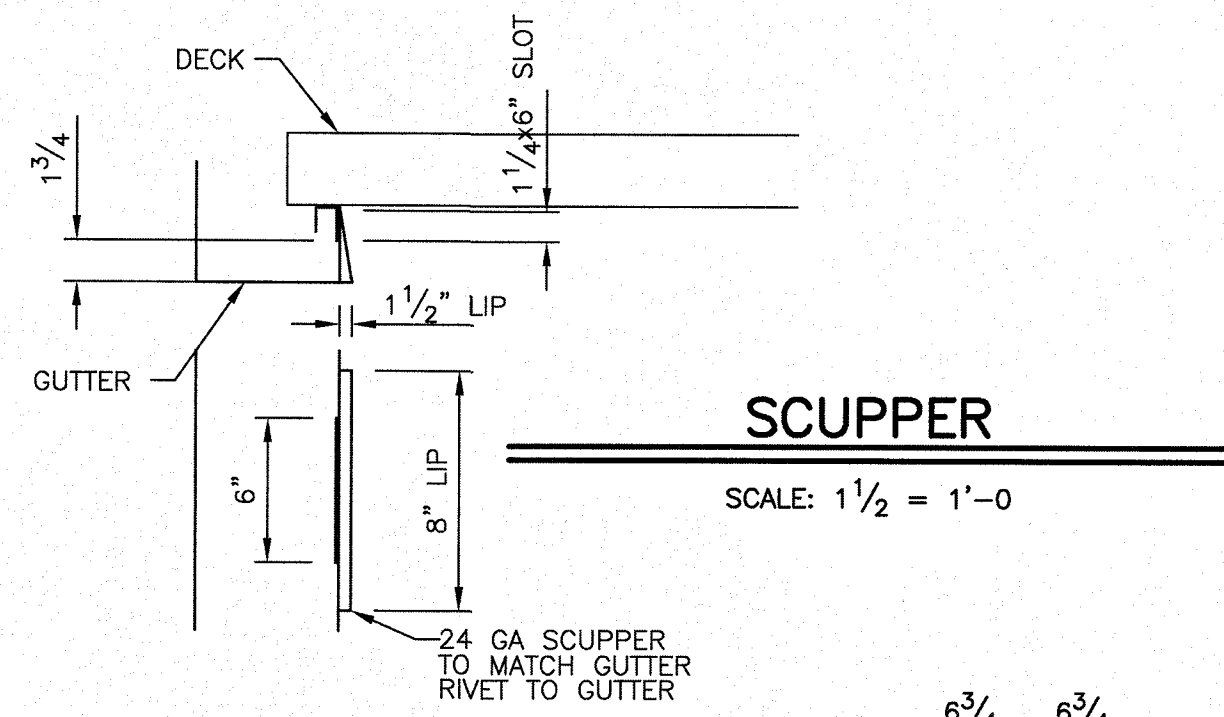
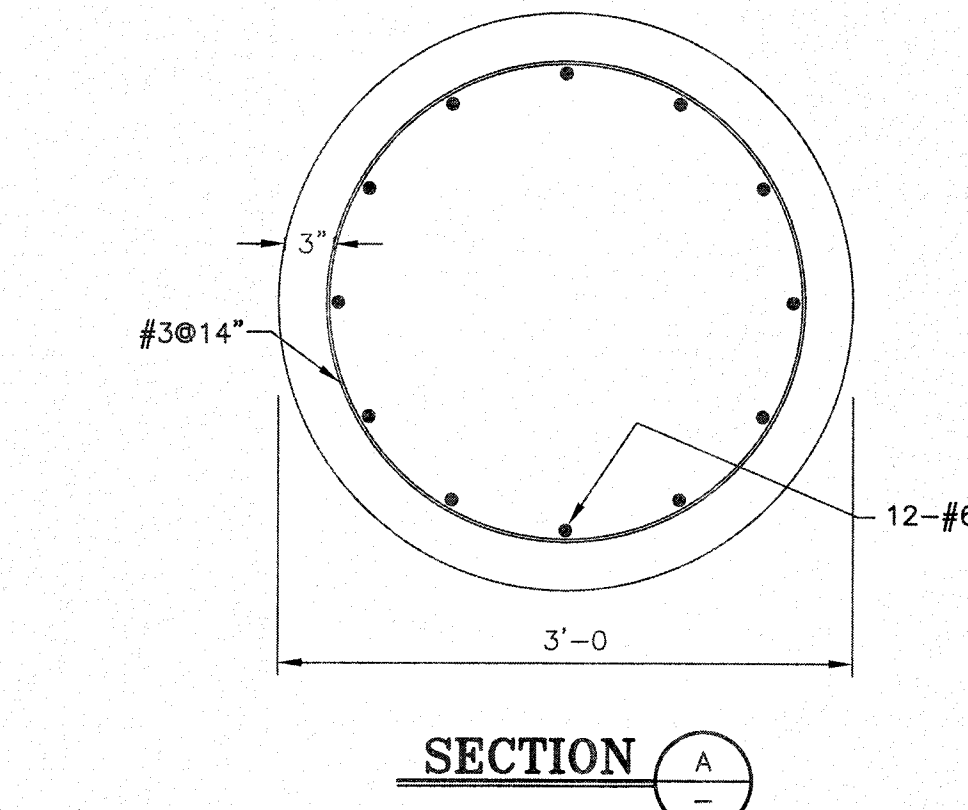
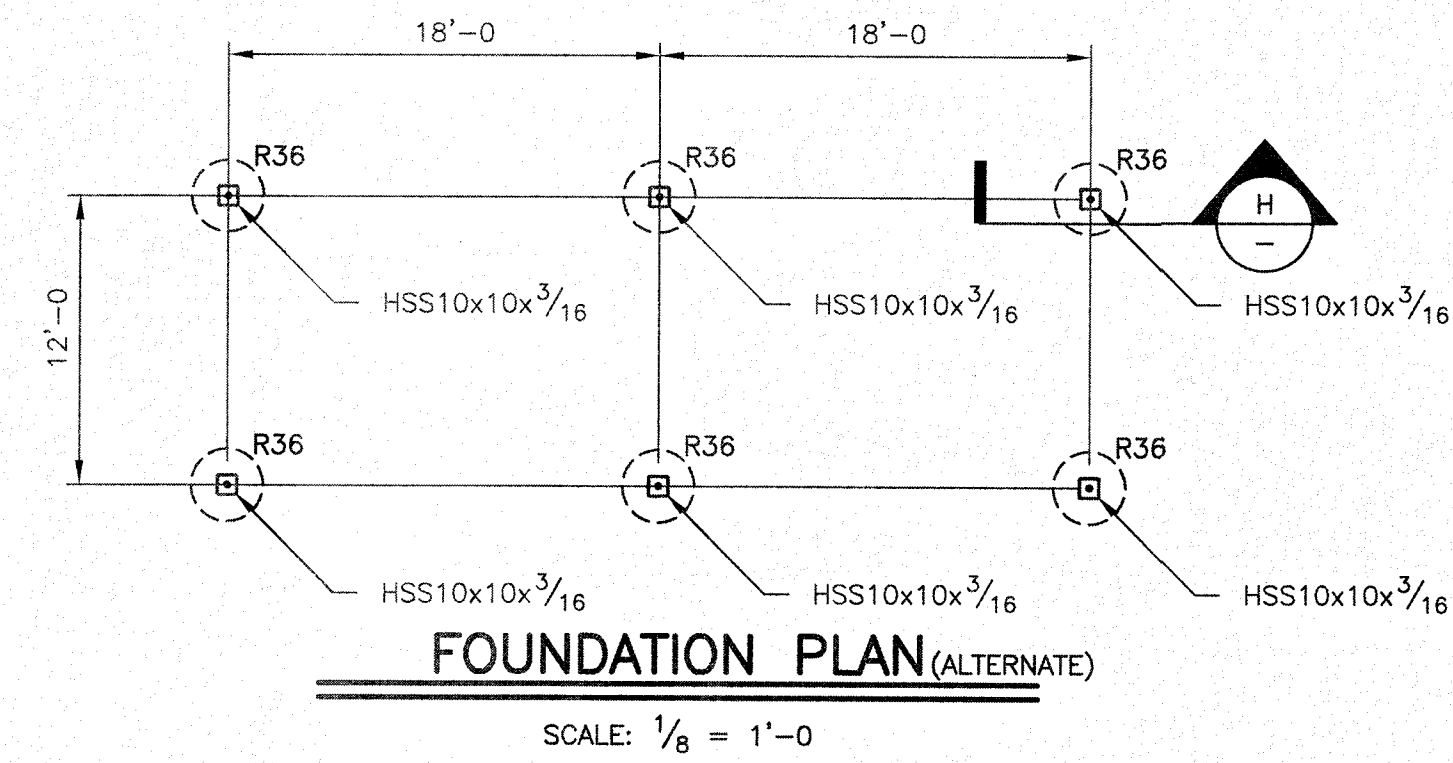
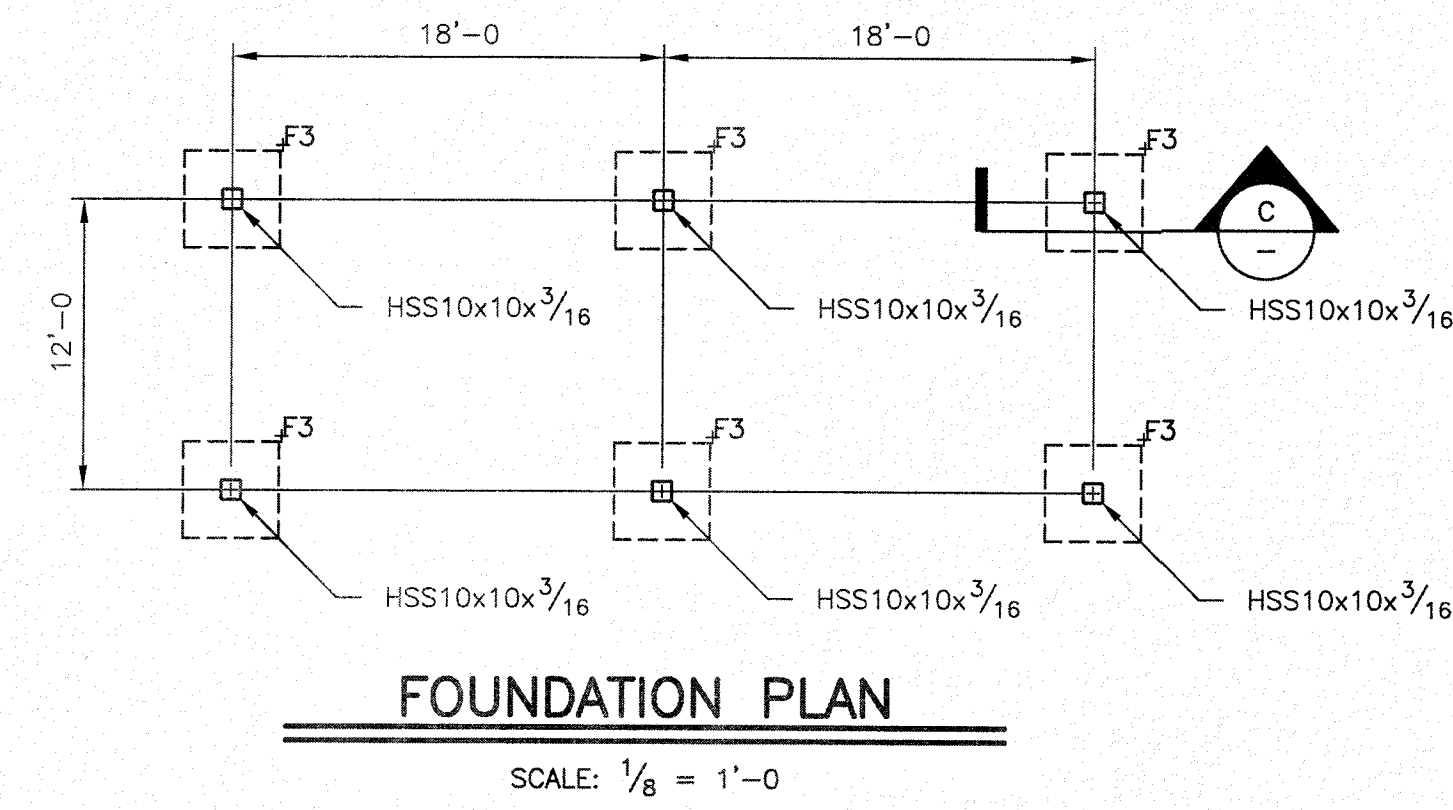
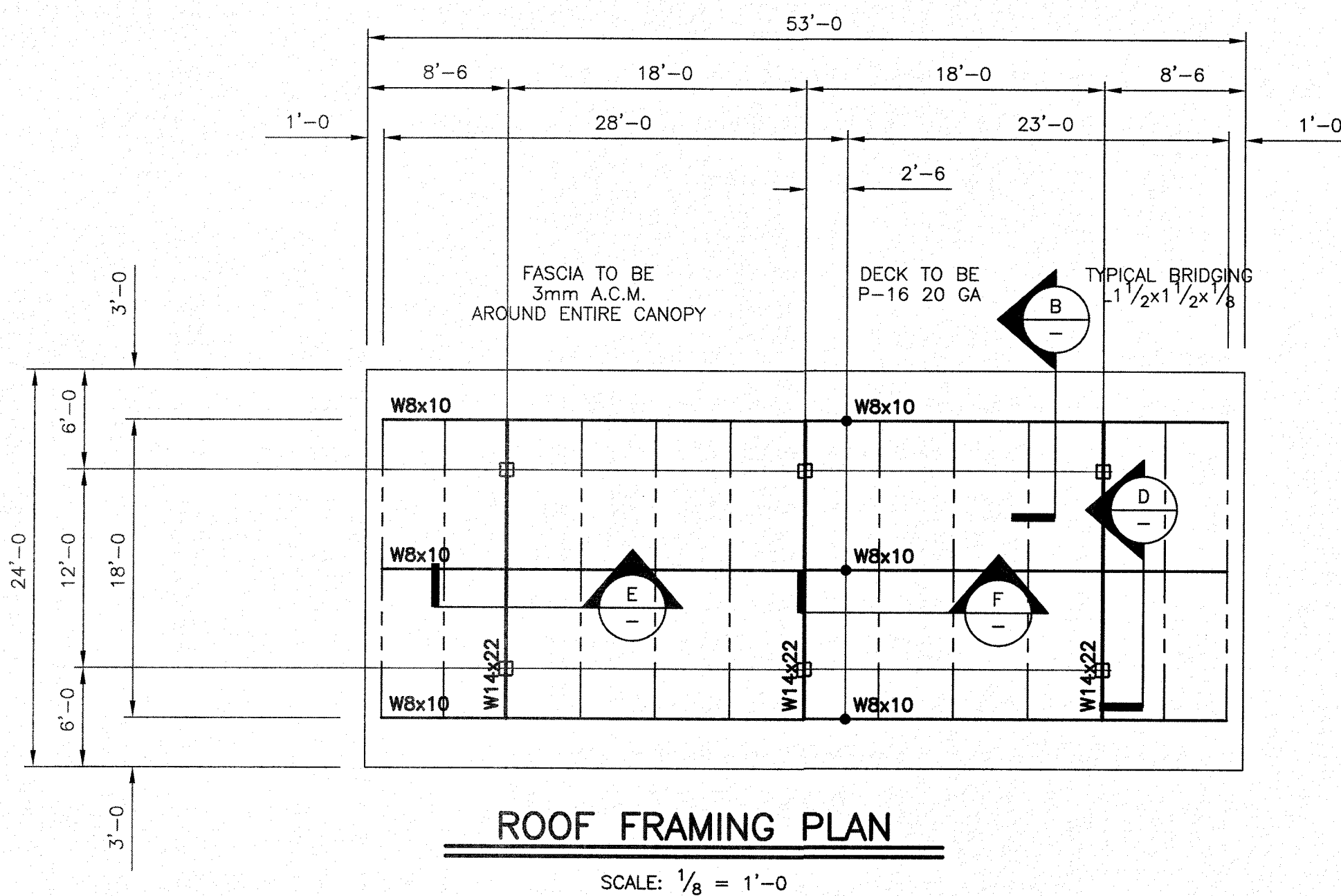


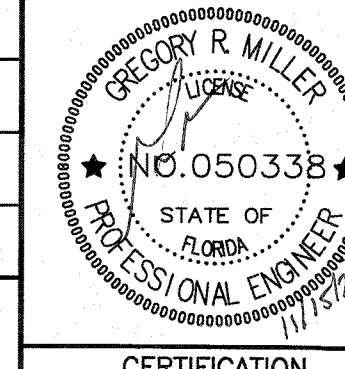


FOOTING SCHEDULE				
MARK	DIMENSIONS: LxWxD	#4 STEEL MAT TOP AND BOTTOM	#5 STEEL MAT TOP AND BOTTOM	#6 STEEL MAT TOP AND BOTTOM
F3	4'-0x4'-0x4'-0	#4@8o/c E.W	#5@10o/c E.W	#6@12o/c E.W

NOTE: THIS CANOPY IS DESIGNED PER ASCE 7-16 SEE FIG. 27.3-4, UNBALANCED WIND LOAD	
CASE A	1.20(29.16) .30(7.29)
CASE B	1.10(-26.73) -1.0(-2.43)
* CLEAR WIND FLOW	
NOTES:	
1. THESE LOADS HAVE BEEN APPLIED TO STRUCTURE IN ACCORDANCE WITH ASCE 7-16, CHAPTER 2, 2.4.1 BASIC COMBINATIONS FOR ALLOWABLE STRESS	
2. THESE STEEL MEMBERS HAVE BEEN SIZED BASED ON ASD, AISC 14th EDITION.	
3. ANALYSIS OF THIS STRUCTURE HAS BEEN ACCOMPLISHED USING THE LATEST GENERATION OF MATRIX BASED SOFTWARE.	
4. COLUMN SLENDERNESS FACTORS ARE BASED ON CHAPTER C, DIRECT ANALYSIS METHOD.	
5. BASES ARE FIXED.	

STRUCTURE LOADS		PARAMETER		CODE REFERENCE
				FLORIDA CODE 2020
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(Vg=91.4)MPH 3s Gust qz=27.0 PSF			ASCE 7, PART 26-29
	CATEGORY II	lw 1.0	EXP. C	
VERT. ROOF PRESSURE				
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, Fg		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
		Z	X	
SEISMIC RESPONSE COEFFICIENT, Cs		0.0306	0.0734	12.8.1.1
BASIC STRUCTURAL SYSTEM - SEISMIC RESISTING SYSTEM				
Non-Detailed Sys./Ord. 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

GREGORY R. MILLER
FLORIDA (CA 31480)
FL REG. 50338



NO.	DATE:	BY:
1		
2		
3		

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

MANUFACTURER:		C & S CANOPY, INC.	
		P.O. BOX 526 / CLANTON, AL 35045	
		PHONE: 1-(800) 932-4549	
CUSTOMER:		SOUTHWEST GEORGIA OIL	
SCALE: NOTED		DRAWN:	
DATE:		APPROVED BY:	
LOCATION: SOUTHWEST GEORGIA OIL		REVISED:	
LAKE CITY, FL		DRAWING NO: 21141	