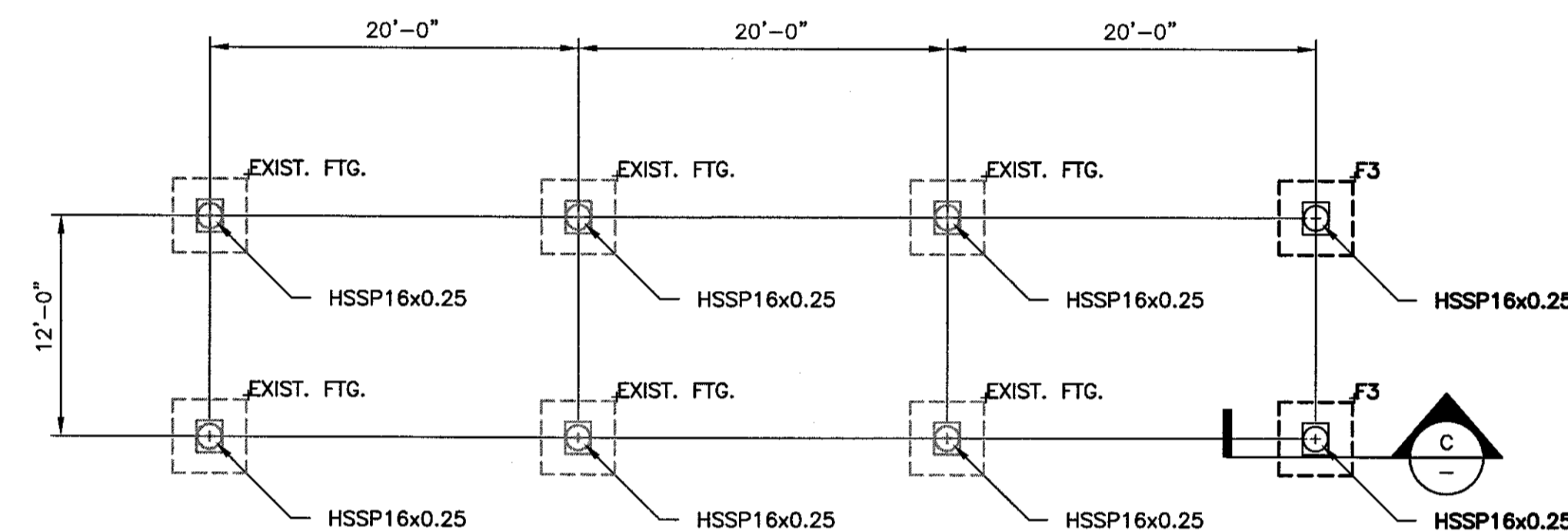


ROOF FRAMING PLAN

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



FOUNDATION PLAN

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

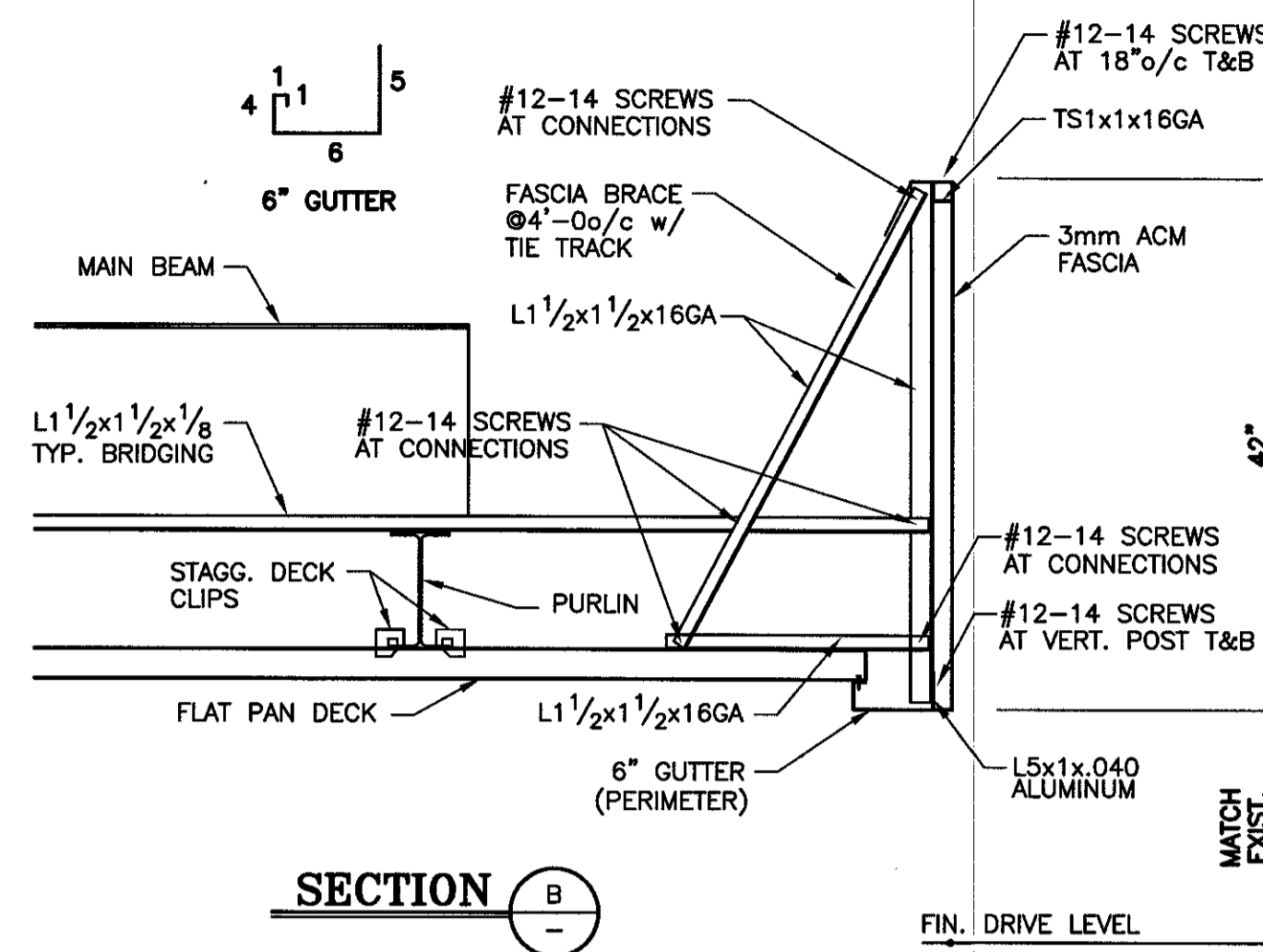
FOOTING SCHEDULE

MARK	DIMENSIONS: LxWxD	#4 STEEL MAT TOP AND BOTTOM	#5 STEEL MAT TOP AND BOTTOM	#6 STEEL MAT TOP AND BOTTOM	REMARKS
F3	4'-0" x 4'-0" x 3'-0"	#4@8"o/c E.W.	#5@10"o/c E.W.	#6@12"o/c E.W.	#4, #5, AND #6 OPTIONS ALL STEEL SHOWN IS TO BE PLACED EACH WAY.

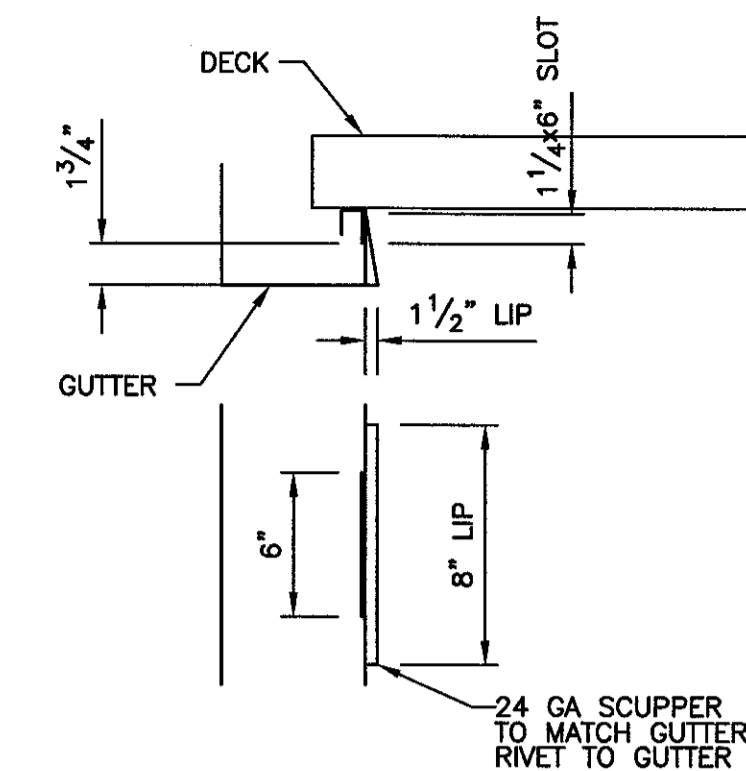
FASCIA TO BE 3mm A.C.M. AROUND ENTIRE CANOPY

DECK TO BE P-16 20 GA

TYPICAL BRIDGING L1 1/2x1 1/2x1/8



SECTION B



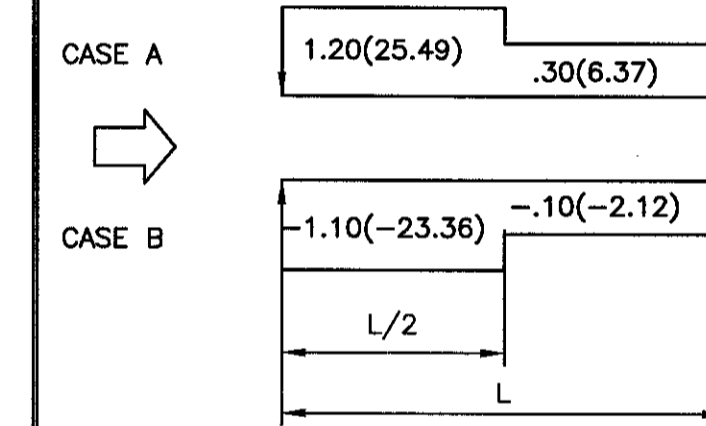
OVERFLOW

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

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. ELEVATIONS ARE TO BE THE SAME UNLESS SHOWN OTHERWISE. IF ELEVATIONS ARE NOT THE SAME, SHADY VENT MUST BE INSTRUCTED OF ELEVATIONS IN WRITING WHEN CANOPY ORDER IS PLACED. FOOTINGS 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 FIT. CONCRETE CONTRACTOR IS RESPONSIBLE FOR RECESSING FOOTINGS 12 - INCHES BELOW FINISH GRADE AND FOR EXTENDING ANCHOR BOLTS 8 - 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. C. 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, SHADY VENT MUST BE INSTRUCTED OF ELEVATIONS IN WRITING WHEN ORDER IS PLACED.
- FOUNDATION NOTE:**
FOOTINGS PROVIDED BY CUSTOMER. SHADY VENT IS NOT RESPONSIBLE OR LIABLE FOR THE USE OF EXIST. FOOTINGS.

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



* CLEAR WIND FLOW

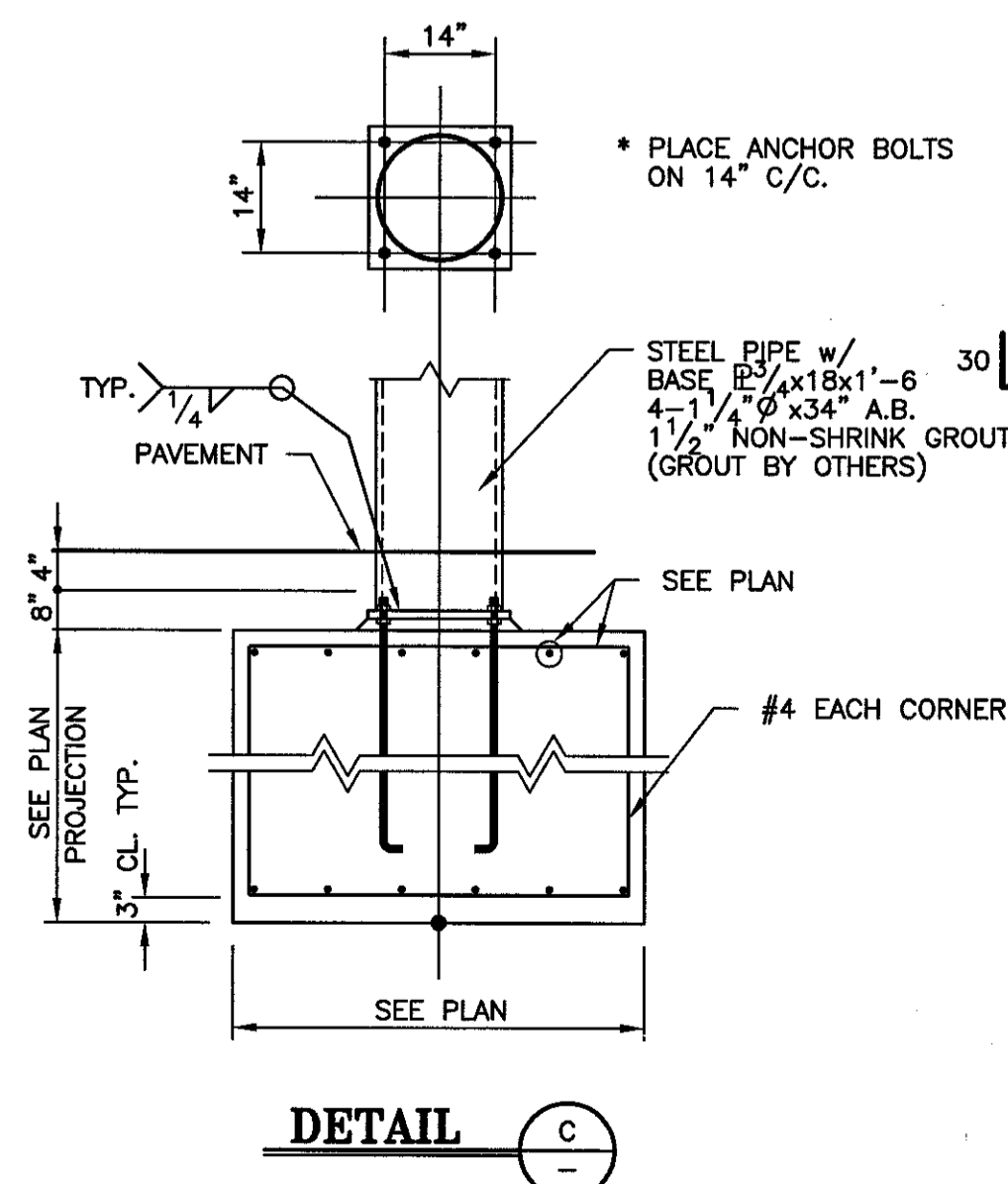
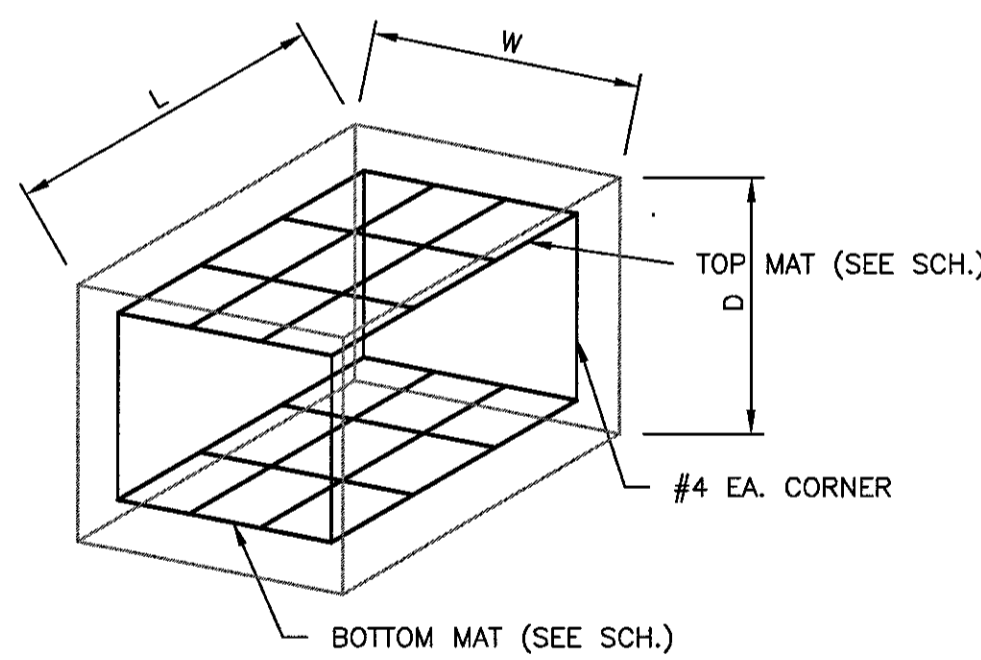
NOTES:

- 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.
Kx = 1.0
Kz = 1.0
- BASES ARE FIXED.

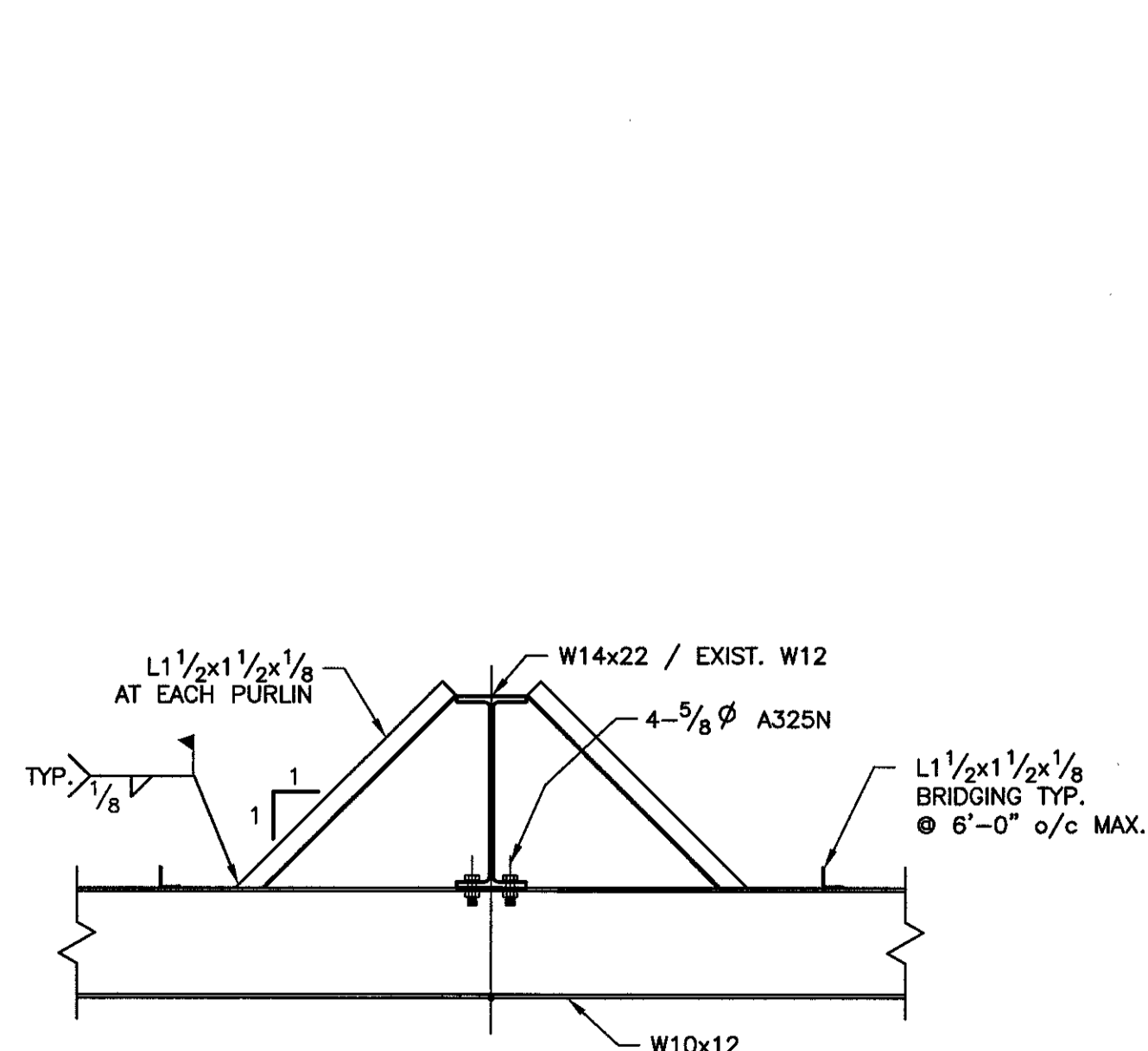
STRUCTURE LOADS

PARAMETER		CODE REFERENCE
		w/ AMENDMENTS
DEAD LOAD	4.0 PSF	1606.1
LIVE LOAD	20.0 PSF (w/ APP. RED.)	1607.12.2.1
SNOW LOAD	5.0 PSF + DRIFTS	ASCE 7-16, PART 7.0
WIND SPEED	110.0 MPH 3 SEC. GUST	23.6 PSF
	CATEGORY II	lw 1.0 EXP. C
VERT. ROOF PRESSURE		
Case A Cnw	Cnl	Case B Cnw Cnl
1.20(25.49)	.30(6.37)	-1.10(-23.36) -1.0(-2.12)
HORIZ. FASCIA PRESSURE		
Case A & B	Cfx	Cfy
	1.90(44.88)	1.84(43.37)
SEISMIC DATA		
.2 SEC. SPECTRUM RESPONSE, Ss		0.1800
1 SEC. SPECTRUM RESPONSE, S1		0.0900
LONG PERIOD TRANSITION PERIOD, Tl		12
RISK CATEGORY		II
SEISMIC FACTOR, Ie		1.00
SITE COEFFICIENT, Fa		1.60
SITE COEFFICIENT, Fv		2.40
SITE CLASSIFICATION		D
SITE ADJUSTMENT COEFFICIENT, Sms		0.2880
SITE ADJUSTMENT COEFFICIENT, Sm1		0.2160
DESIGN SPECTRAL RESPONSE, SDS		0.1921
DESIGN SPECTRAL RESPONSE, SD1		0.1441
W. Kips		12.64
		12.8
SEISMIC RESPONSE COEFFICIENT, Cs		0.1537
BASIC STRUCTURAL SYSTEM - SEISMIC RESISTING SYSTEM		X
SIMF/ORID. CANT. COL.		
RESPONSE MODIFICATION FACTOR, R		1.25
METHOD OF ANALYSIS - EQUIVALENT LATERAL FORCE		V=CwW
BASE SHEAR, Kips		2.43
		2.43

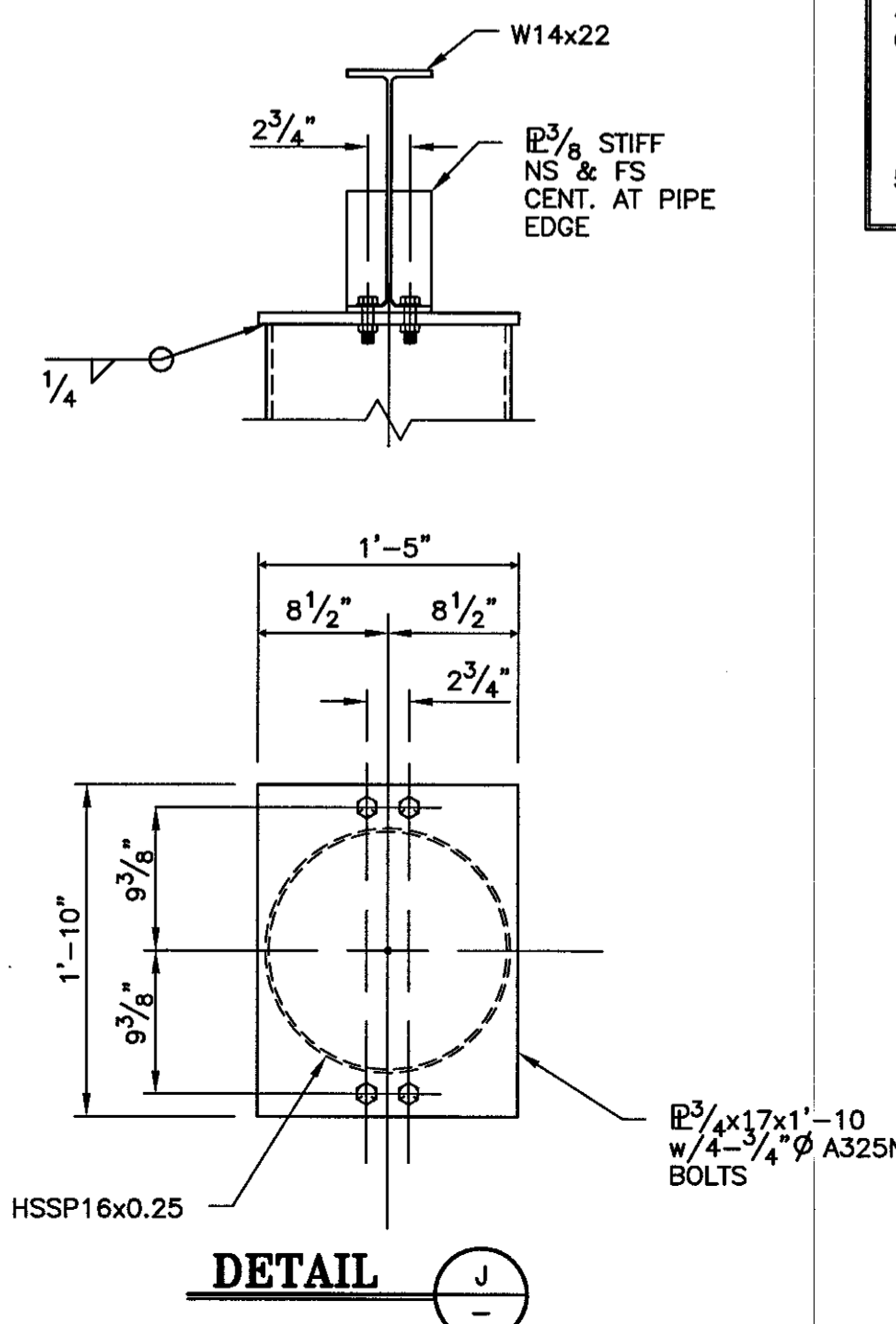
PREPARED BY: CARTER-MILLER-SANSING, LTD., P.O.B 4324, MERIDIAN, MS 39304, 601-483-0601



DETAIL C



SECTION E



DETAIL J

NO.	DATE:	BY:
1		
2		
3		

20'x25' ADDITION

SHADY VENT
315 2ND ST / CEDARTOWN, GA 30125
PHONE: 1-(770) 943-5977

CUSTOMER: _____

SCALE: NOTED

DATE: _____ APPROVED BY: _____

LOCATION: _____

DRAWING NO: _____