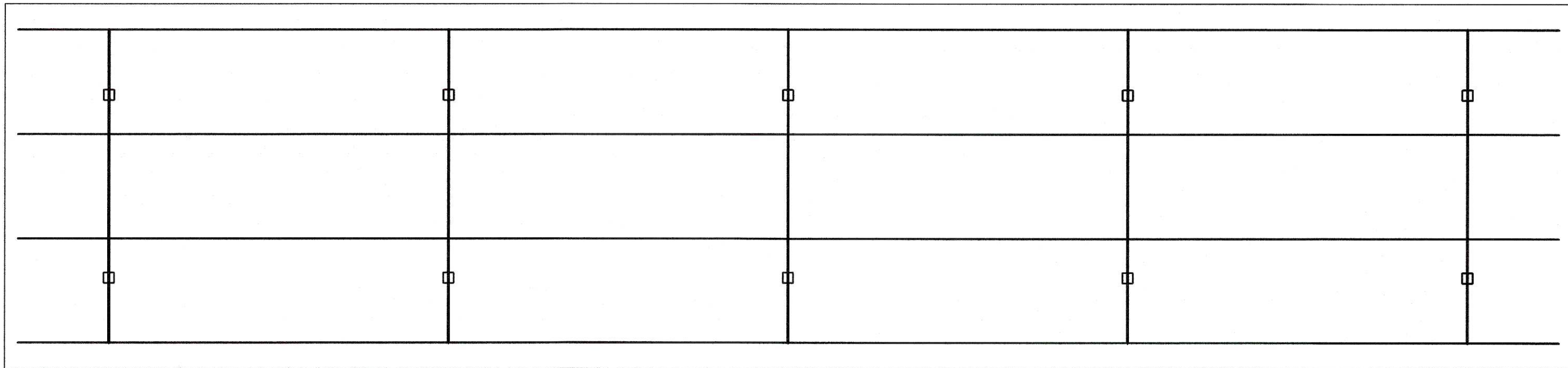
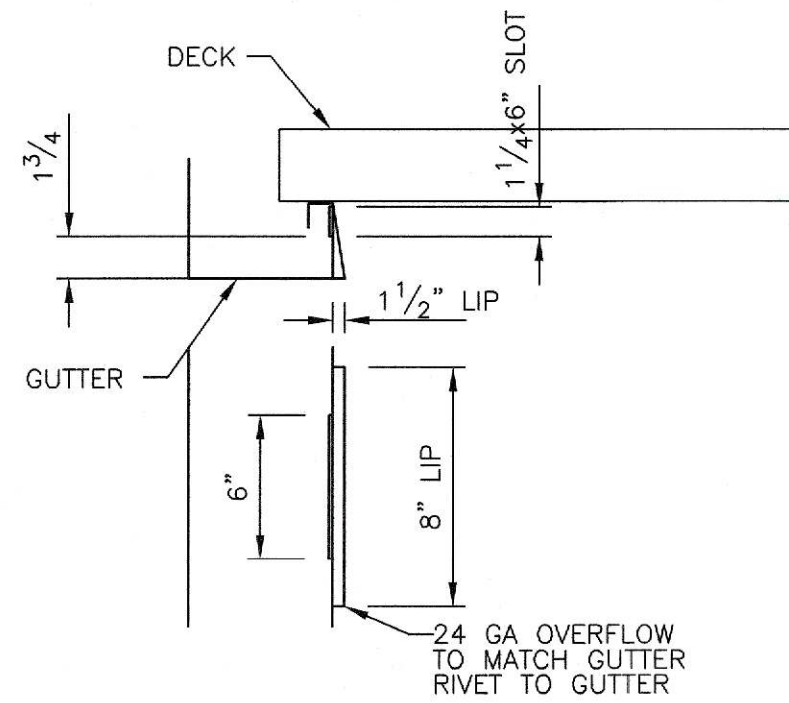


FASCIA TO BE
3mm A.C.M.
AROUND ENTIRE CANOPY



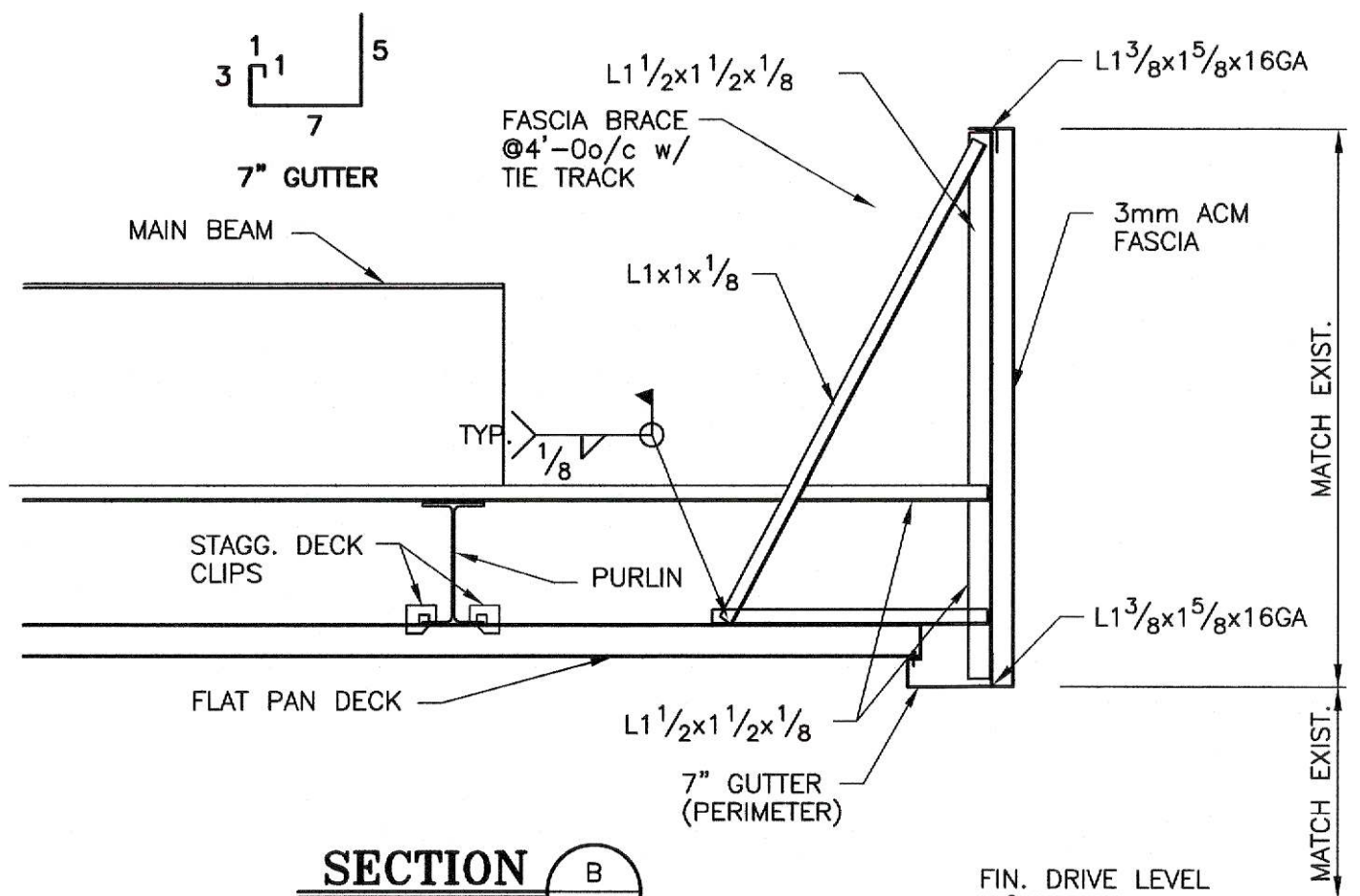
ROOF FRAMING PLAN

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



OVERFLOW

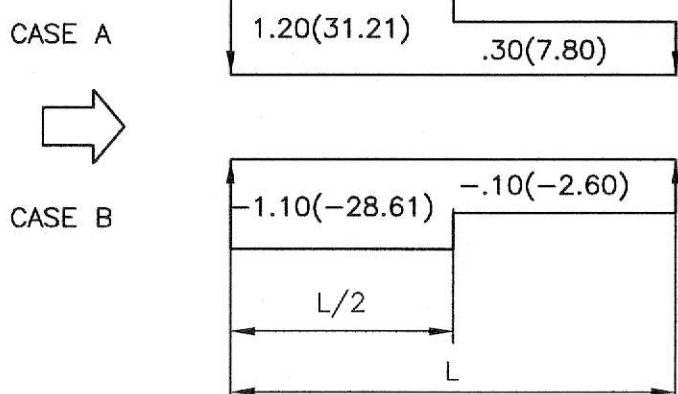
SCALE: 1 1/2" = 1'-0"



SECTION B



NOTE: THIS CANOPY IS DESIGNED PER ASCE 7-22
SEE FIG. 27.3-4, UNBALANCED WIND LOAD



* CLEAR WIND FLOW

NOTES:

- THESE LOADS HAVE BEEN APPLIED TO STRUCTURE IN ACCORDANCE WITH ASCE 7-22, CHAPTER 2, 2.4.1 BASIC COMBINATIONS FOR ALLOWABLE STRESS
- THESE STEEL MEMBERS HAVE BEEN SIZED BASED ON ASD, AISC 15th 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.
 $K_x = 1.0$
 $K_z = 1.0$
- BASES ARE FIXED.

STRUCTURE LOADS

PARAMETER

CODE REFERENCE
FBC 2023
8th Ed.

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 7-22, PART 7.0
WIND SPEED	$V_{ult}=122.0(V_{asd}=94.5)$ MPH 3s Gust $q_z=28.9$ PSF	ASCE 7, PART 26-29
VERT. ROOF PRESSURE	CATEGORY II EXP. C	
Case A Cnw Cnl	Case B Cnw Cnl	ASCE 7, FIG. 27.3-4
1.20(31.21) .30(7.80)	-1.10(-28.61) -.10(-2.60)	
HORIZ. FASCIA PRESSURE		
Case A & B Cfx	Cfy	ASCE 7, FIG. 29.3-1
1.91(55.32) 1.84(53.11)		
SEISMIC DATA		ASCE 7-22
.2 SEC. SPECTRUM RESPONSE, S_s	0.0790	FIG. 22.1
1 SEC. SPECTRUM RESPONSE, S_1	0.0480	FIG. 22.2
LONG PERIOD TRANSITION PERIOD, T_l	12	FIG. 22-14
RISK CATEGORY	II	TAB. 1.5-1
SEISMIC FACTOR, I_e	1.00	TAB. 1.5-2
SITE COEFFICIENT, F_a	1.60	TAB. 11.4-1
SITE COEFFICIENT, F_v	2.40	TAB. 11.4-2
SITE CLASSIFICATION	D	TAB. 20.3-1
SITE ADJUSTMENT COEFFICIENT, S_{ms}	0.1264	EQ. 11.4-1
SITE ADJUSTMENT COEFFICIENT, S_{m1}	0.1152	EQ. 11.4-2
DESIGN SPECTRAL RESPONSE, S_{DS}	0.0843	EQ. 11.4-3
DESIGN SPECTRAL RESPONSE, S_{D1}	0.0768	EQ. 11.4-4
W, Kips	21.00	12.8
SEISMIC RESPONSE COEFFICIENT, C_s	0.0281 0.0674	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	$V=C_sW$	12.8
BASE SHEAR, Kips	.59 1.42	EQ. 12.8-1

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

Digitally
signed by
Gregory R
Miller

Date:

2024.11.25

10:30:56 -06'00'

GREGORY R. MILLER
FLORIDA (CA 31480)
No: 50338(Exp. 2/28/2025)

MANUFACTURER:

CHAPMAN CANOPY, INC.
201 PATRICIA STREET/P.O. BOX 3527/HUEYTOWN, AL 35023
PHONE: 1-(205) 491-4845

CUSTOMER:

S&S FOOD STORES

SCALE: NOTED

DATE: -

LOCATION: 7905 SW US 27
FORT WHITE, FL

APPROVED BY:

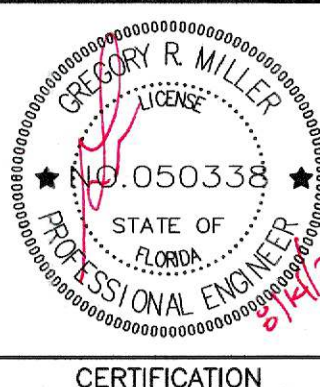
REVISOR:

SHEET 1 of 1

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24194-123

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CARTER MILLER SANSING: 2024-345
DATE: 8/10/2024



CERTIFICATION