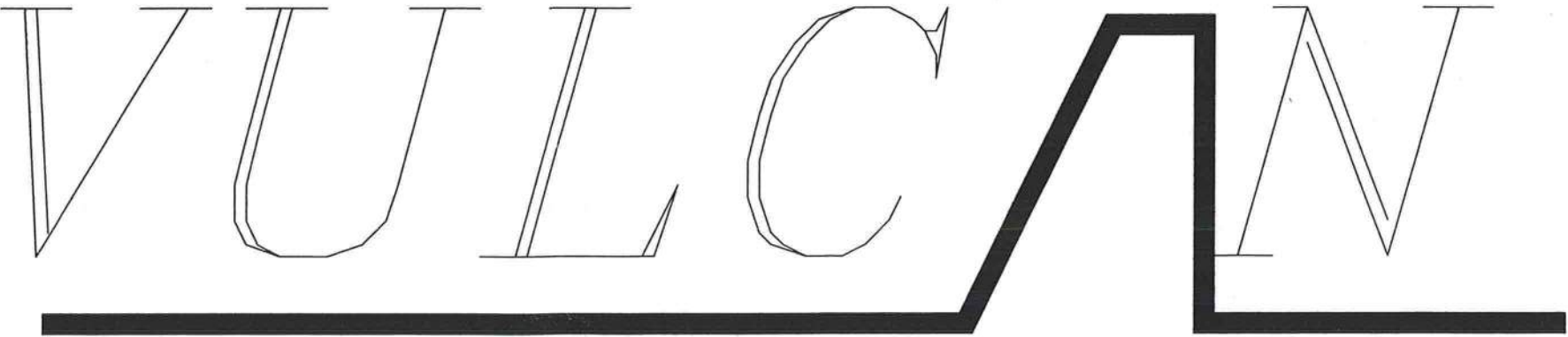


DESIGN NOTE:
THIS BUILDING IS DESIGNED WITH IMPORTANCE FACTORS REQUIRED FOR MINOR STORAGE FACILITIES. MINOR STORAGE FACILITIES ARE THOSE WHICH REPRESENT A LOW HAZARD TO HUMAN LIFE IN THE EVENT OF FAILURE. THIS PROJECT IS STATED TO BE A MINOR STORAGE MINI-WAREHOUSE FACILITY AND CERTAIN STORAGE FACILITIES ARE ACCEPTABLE UNDER THE LOW HAZARD DEFINITION. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO VERIFY THIS IS ACCEPTABLE TO LOCAL CODE AUTHORITIES HAVING JURISDICTION. MANUFACTURER BEARS NO RESPONSIBILITY FOR USE OF REDUCED LOAD IMPORTANCE FACTORS.

DESIGN LOADS			
BUILDING CODE:	FBC	17	
FRAME SELF WEIGHT:	INCLUDED		
ROOF DEAD LOAD:	2.000	psf	
COLLATERAL LOAD:	0	psf	
ROOF LIVE LOAD:	20.00	psf	
<u>WIND</u>			
WIND SPEED: (3-sec Gusts);	110	mph (Vult)	
WIND EXPOSURE:	B		
CLOSURE "C, O, P" :	Closed		
INTERNAL PRESSURE COEFF. :	+/- 0.118		
RISK CATEGORY:	I-LOW		
<u>SEISMIC</u>			
SEISMIC IMPORTANCE FACTOR:	Ie = 1.00		
MAPPED SPECTRAL RESPONSE ACC., SS:	0.098		
MAPPED SPECTRAL RESPONSE ACC., S1:	0.055		
SPECTRAL RESPONSE COEFF: SDS =	0.1045		
(2 SEC PERIOD)			
SPECTRAL RESPONSE COEFF: SDI =	0.088		
(1.0 SEC PERIOD)			
SEISMIC DESIGN CAT.:	B		
SEISMIC COEFFICIENT Cs.:	0.039		
SITE CLASS (ASSUMED):	D		
DESIGN BASE SHEAR: V :	0.71		
BASIC SEISMIC-FORCE RESISTING SYSTEM			
SHEAR DIAPHRAGM			



STORAGE SYSTEMS
A division of Vulcan Steel Structures, Inc.
500 Vulcan Parkway Adel, Georgia 31620



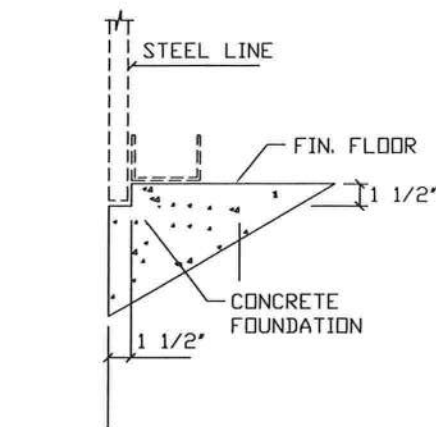
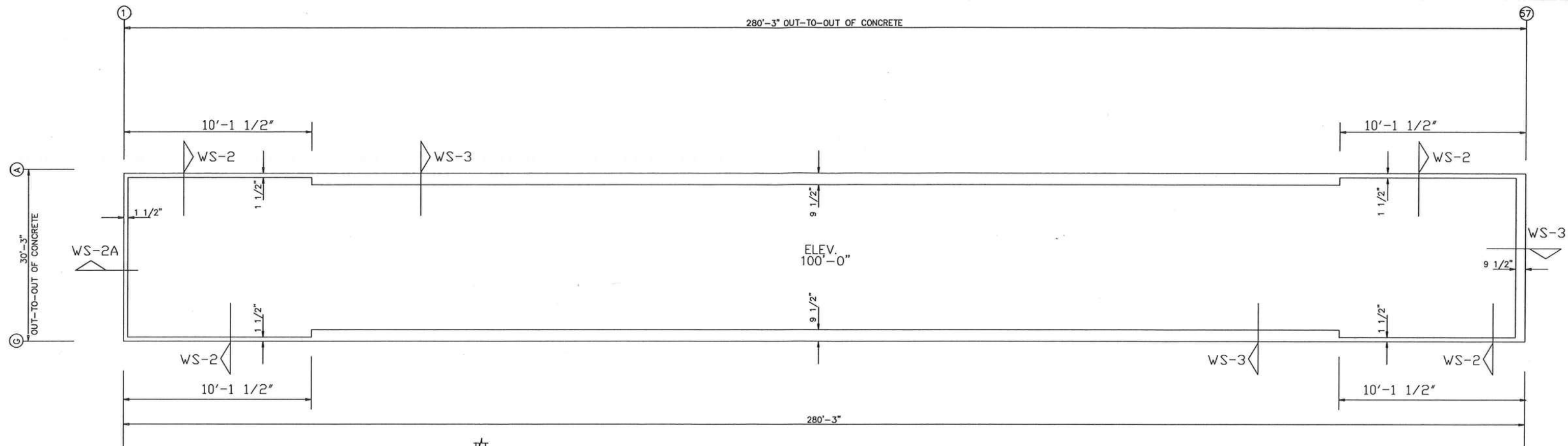
CUSTOMER: MINI-STORAGE & RECORD STORAGE OF LAKE CITY
JOB NUMBER: 27611
STREET ADDRESS: 2529 SW STATE ROAD 47
CITY, STATE, ZIP LAKE CITY, FL 32025
PROJECT NAME: BUILDING #900

DATE	
05/12/22	
SHEET NO.	
CS	
DRN. BY	CK'D BY
KVB	DMC

THE PROJECT DESIGNER IS NOT THE METAL BUILDING MANUFACTURER, THE METAL BUILDING DESIGNER OR THE METAL BUILDING ENGINEER. THE ENGINEER WHOSE SEAL APPEARS ON THE METAL BUILDING PLANS IS A SPECIALTY ENGINEER AND NOT THE PROJECT DESIGNER OR THE PROJECT ENGINEER OF RECORD. THE ENGINEER WHOSE SEAL APPEARS ON THE METAL BUILDING PLANS DOES NOT HAVE FAMILIARITY WITH THE PHYSICAL JOBSITE LOCATION AND THEREFORE CANNOT BE IDENTIFIED AS, SERVE AS OR QUALIFY AS THE PROJECT DESIGNER.

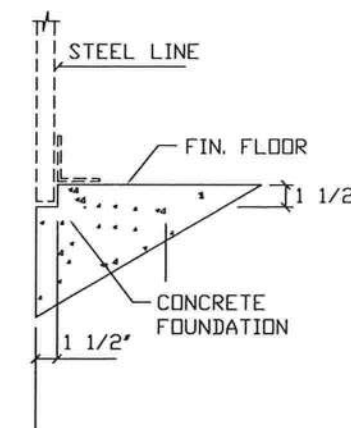
BUILDING DESCRIPTION		ACCESSORIES			PANELS, TRIM & ACCESSORIES			FASTENERS				DRAWING INDEX	
WIDTH	30	DESCRIPTION	QTY	SIZE	DESCRIPTION	SIZE / TYPE	COLOR	APPLICATION	TYPE	LONG LIFE	COLOR	SHEET NO.	DESCRIPTION
LENGTH	280	FACTORY F/D-LEW	(6)	3 W x 7 H	ROOF PANELS	26 PR	Galvalume	ANCHOR BOLT	1/2" x 3 3/4" KWIK BOLTS	-	N/A	CS	COVER SHEET
EAVE HEIGHT/FRONT	10	FACTORY F/D-FSW	(22)	3 W x 7 H	WALL PANELS	26 PR	Light Stone	ROOF MEMBER	#12 x 1 1/4" L.L.S.D. w/ WASHER	Y	Galvalume	F1	REACTIONS & CONC. NOTCH PLAN
EAVE HEIGHT/BACK	10	FACTORY F/D-FSW	(15)	8 W x 7 H	PARTITION PANELS	29 PR	Galvalume	ROOF STITCH	#14 x 7/8" L.L.S.D. w/ WASHER	Y	Galvalume	E1	FLOOR PLAN
ROOF SLOPE/FRONT	0.5:12	FACTORY F/D-REW	(6)	3 W x 7 H	MULLION PANELS	26 PR	Light Stone	WALL MEMBER	#12 x 1 1/4" S.D. w/ WASHER	N	Light Stone	E2	ROOF PLAN
ROOF SLOPE/BACK	0.5:12	FACTORY F/D-BSW	(26)	8 W x 7 H	RAKE TRIM	26 GA.	Burnished Slate	WALL STITCH	#14 x 7/8" S.D. w/ WASHER	N	Light Stone	E3-E4	FRONT SIDEWALL ELEV.
		ROLL - UP DOORS	(34)	3 W x 7 H	SIMPLE EAVE TRIM			TRIM MEMBER	#12 x 1 1/4" S.D. w/ WASHER	N	Burnished Slate	E5-E6	BACK SIDEWALL ELEV.
		ROLL - UP DOORS	(41)	8 W x 7 H	GUTTER	26 GA.	Burnished Slate	TRIM STITCH	#14 x 7/8" S.D. w/ WASHER	N	Burnished Slate	E7	LEFT ENDWALL ELEV.
		WALK DOORS	--		DOWNSPOUTS	26 GA.	Burnished Slate					E8	RIGHT ENDWALL ELEV.
		WALK DOORS			CORNER TRIM	26 GA.	Burnished Slate					E9-E10	PART. FRAMING
		WINDOWS	--	--	FRAMED OPENINGS	26 GA.	Light Stone	FRAMING	#12 x 1 1/4" S.D. w/o WASHER	N	PLAIN	E11	ROOF INSULATION
		OTHER	--	--	ROLL-UP DOORS	BY VSS/M750	Bronze	PARTITION	#12 x 1 1/4" S.D. w/o WASHER	N	PLAIN		
					WALK DOORS	--	--	PARTITION STITCH	#14 x 7/8" S.D. w/o WASHER	N	PLAIN		
					WINDOWS	--	--						



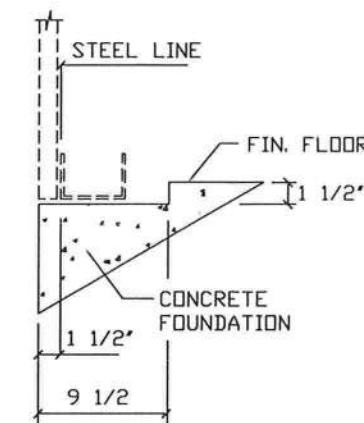


SECTION WS-2A

ANCHOR PLAN



SECTION WS-2



SECTION WS-3

NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:

Width (ft)	= 30.0
Length (ft)	= 280.0
Eave Height (ft)	= 10.0/ 10.0
Roof Slope (rise/run)	= 0.5/ 0.5
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 0.0
Live Load (psf)	= 20.0
Wind Speed (mph)	= 110.0
Wind Code	= IBC 15
Exposure	= B
Closed/Open	= C
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= B
Seismic Coeff (Fa/Ss)	= 0.16

5. Loading conditions are:

- DL+CL+LL
- 0.60DL+0.60WL1+0.60WS
- 0.60DL+0.60WP+0.60LnWd1
- 0.60DL+0.60WR1+0.60WS
- 0.60DL+0.60WR2+0.60WS
- DL+CL+0.60WP+0.60LnWd1
- DL+CL+0.60WL1+0.60WS

WALL COLUMN:

MAXIMUM REACTIONS								
Frm Line	Col Line	Load Id	Hmax	Column Reactions (k)		Load Id	Hmin	Vmin
				V	Vmax			
1	A	5	0.3	0.0	6	-0.2	-0.1	
		1	0.0	0.3	2	0.3	-0.1	
1	G	5	0.3	0.0	6	-0.2	-0.1	
		1	0.0	0.3	7	0.3	-0.1	
57	G	5	0.3	0.0	6	-0.2	-0.1	
		1	0.0	0.3	2	0.3	-0.1	
57	A	5	0.3	0.0	6	-0.2	-0.1	
		1	0.0	0.3	7	0.3	-0.1	
1	B-F	1	0.0	0.6	2	0.0	-0.3	
3-55	G	1	0.0	0.5	7	0.0	-0.2	
		1	0.0	0.6	2	0.0	-0.3	
57	B-F	1	0.0	0.6	2	0.0	-0.3	
3-55	A	1	0.0	0.6	2	0.0	-0.3	
2-56	B-F	5	0.2	-0.4	6	-0.2	-0.4	
		1	0.0	1.1	2	0.2	-0.6	

REVISIONS

REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS

- ☐ FINAL ERECTION
☒ FOR CONSTRUCTION
☐ FOR APPROVAL
☐ OTHER, EXPLAIN

VULCAN STEEL STRUCTURES, INC

PROJECT	BUILDING #900
ID	27611
PROJECT ADDRESS	LAKE CITY, FLA 32025

SEAL

VANESSA L. BANKS
LICENSE
No. 83970
STATE OF FLORIDA
PROFESSIONAL ENGINEER

5/12/22

APPLICATION OF SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.

MINI-STORAGE & RECORD STORAGE OF LAKE CITY
ANCHOR PLAN
DESIGN: VLB DRAFT: KVB CHECK: DMC
DATE: 05/12/22 SHEET F1