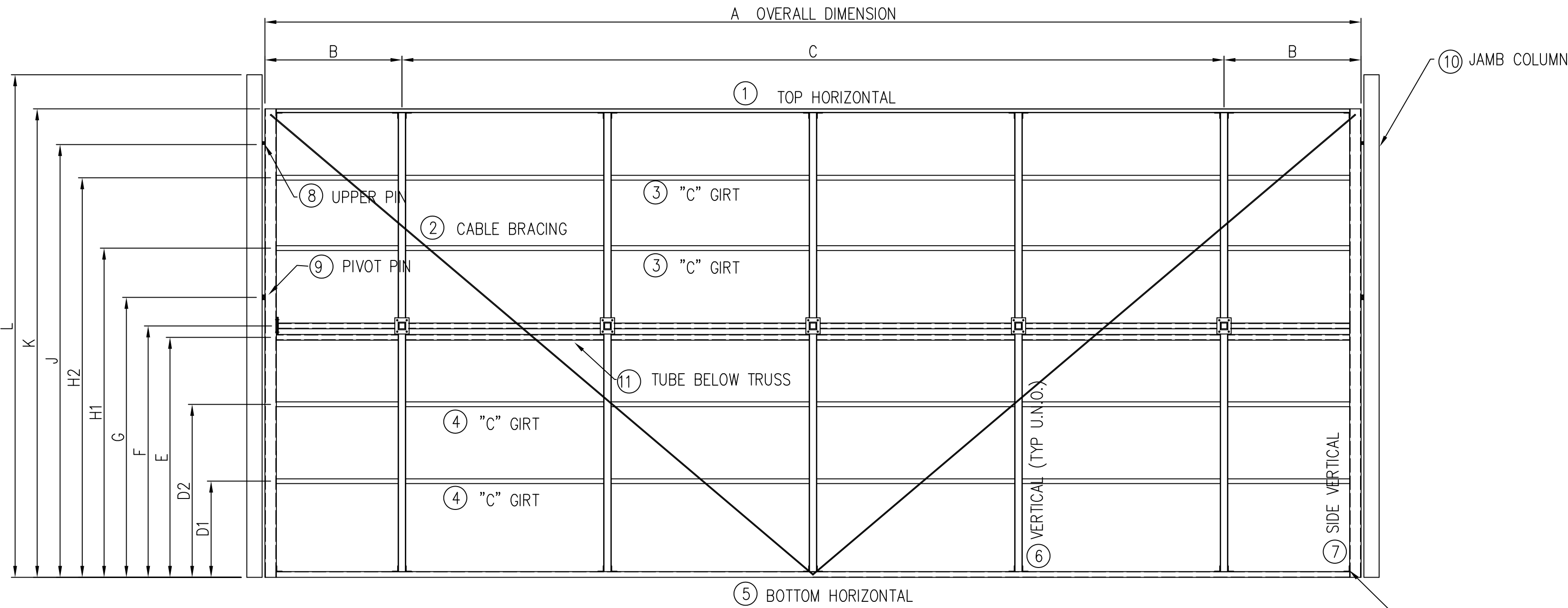
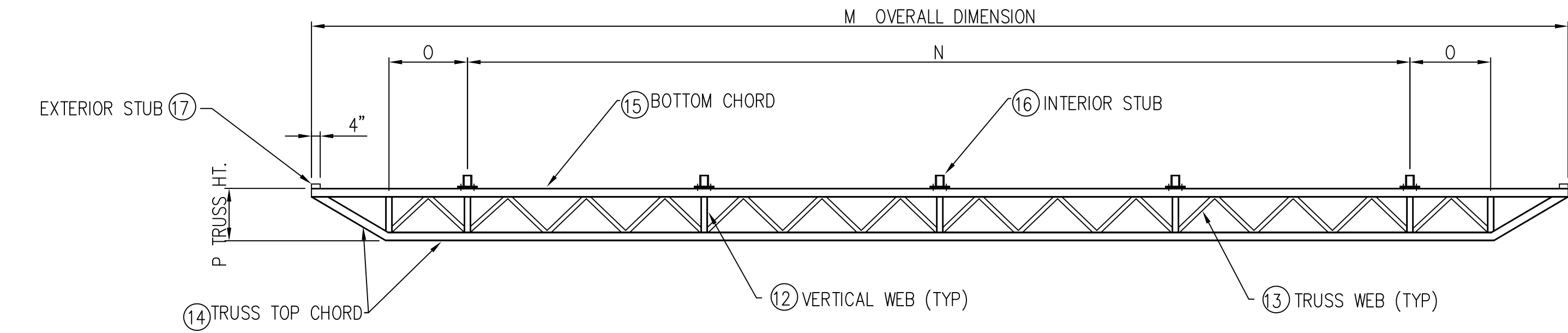
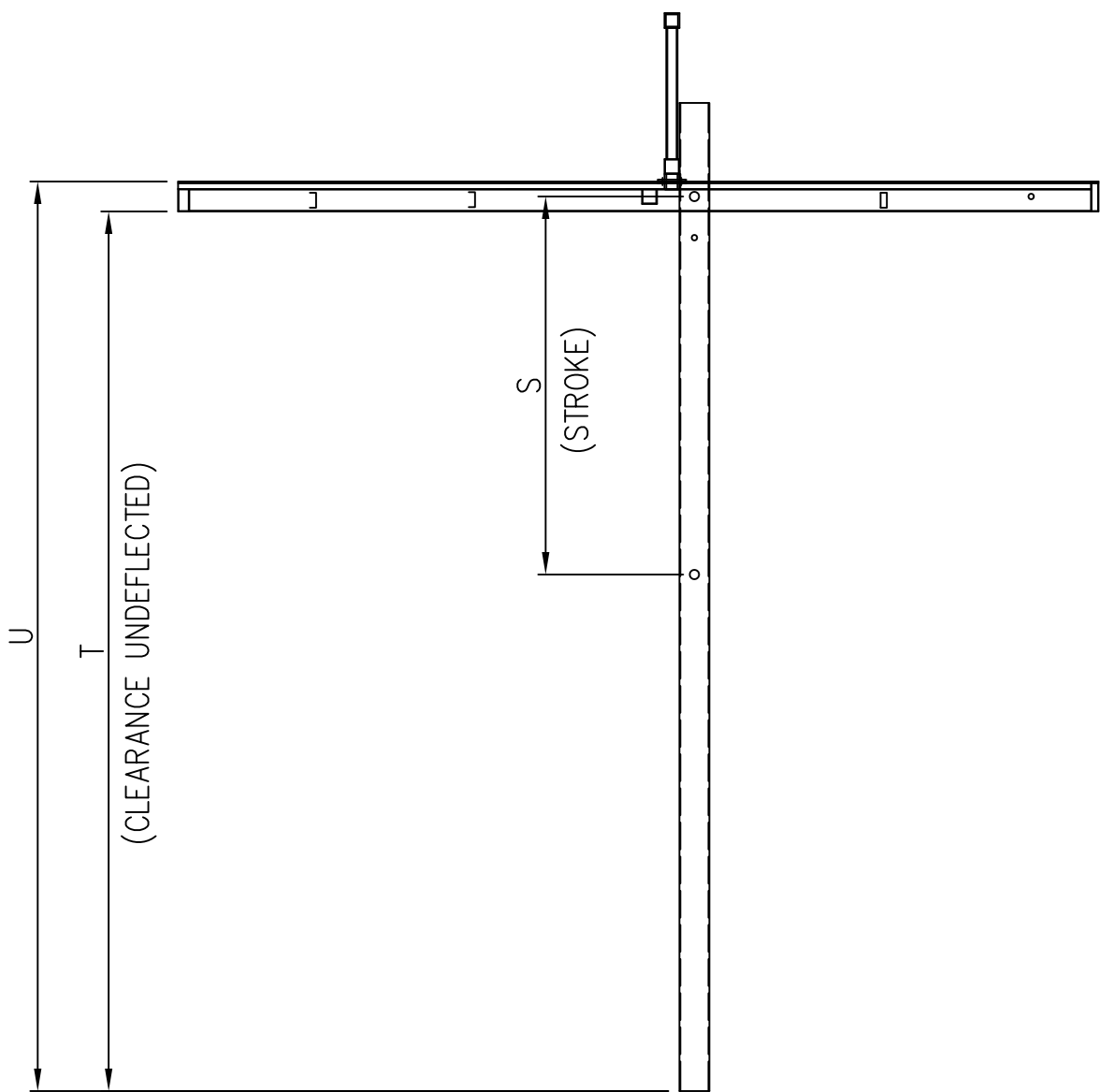




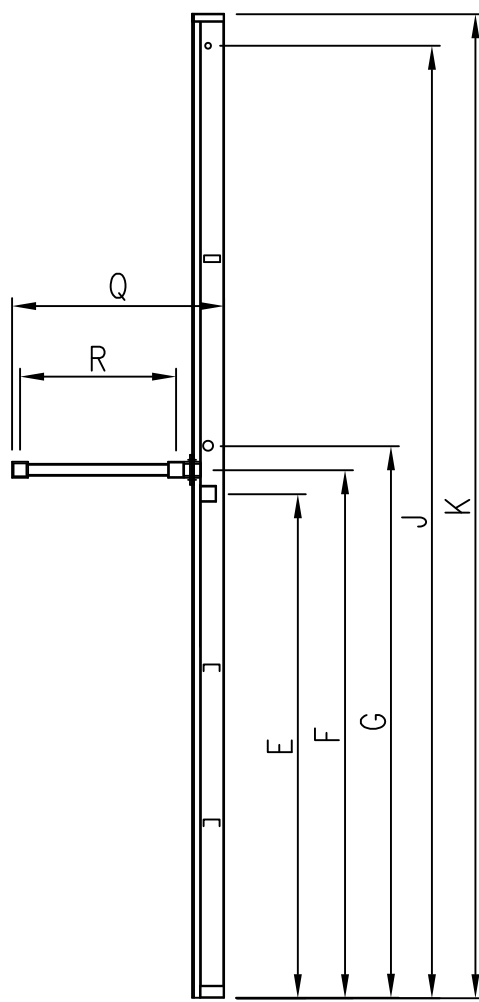
DOOR ELEVATION
SCALE: N.T.S.



TRUSS PLAN
SCALE: N.T.S.

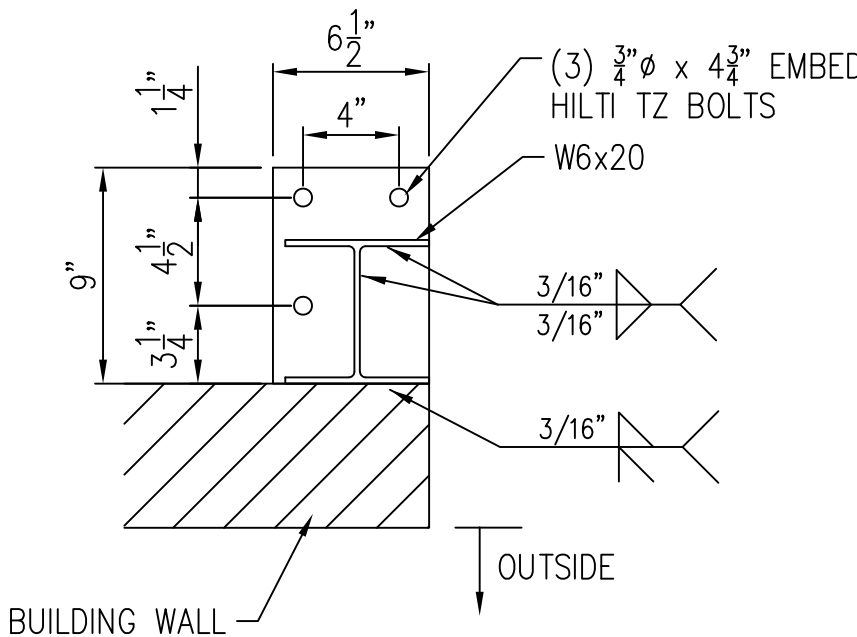


DOOR SECTION - OPEN
SCALE: N.T.S.



DOOR SECTION - CLOSED
SCALE: N.T.S.

BUILDING OWNER IS RESPONSIBLE FOR DESIGNING THE SUPPORTING SLAB/FOOTING, FOR THE BASE PLATE AND ANCHOR PATTERN SHOWN, AND FOR THE ALLOWABLE STRESS DESIGN LOADS SHOWN IN NOTES 6 AND 7.

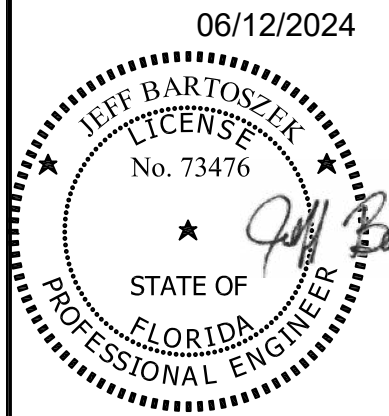


BASE DETAIL
SCALE: N.T.S.
(LEFT SIDE SHOWN
RIGHT SIDE MIRRORED)

	MATERIALS	TYPE	DESCRIPTION	REMARKS
1	6x2x1/8 HSS	A500 GrB	TOP HORIZONTAL	
2		5000#	BREAKING STRENGTH	CABLE BRACING
3	CS4x2x059	A570 Gr50 COLD FORM	"C" GIRT	
4	CS4x2x059	A570 Gr50 COLD FORM	"C" GIRT	
5	4x2x1/8 HSS	A500 GrB	BOTTOM HORIZONTAL	
6	4x4x3/16 HSS	A500 GrB	INTERIOR VERTICAL	
7	6x4x3/16 HSS	A500 GrB	SIDE VERTICAL	
8	1 1/4"Ø	A1045	UPPER PIN	
9	1 1/2"Ø	A1045	PIVOT PIN	
10	W6x20	A992	JAMB COLUMN	
11	4x2x3/16 HSS	A500 GrB	TUBE BELOW TRUSS	
12	3x3x1/8 HSS	A500 GrB	VERTICAL WEB	
13	2x2x1/8 ANGLE	A36	TRUSS WEB	
14	3x3x3/16 HSS	A500 GrB	TRUSS TOP CHORD	
15	3x3x1/8 HSS	A500 GrB	TRUSS BOTTOM CHORD	
16	3x3x3/16 HSS	A500 GrB	INTERIOR STUB	
17	4x3x3/16 HSS	A500 GrB	EXTERIOR STUB	

DIMENSIONS	
A	41'-9"
B	2'-10 1/2"
C	4 SPA. @ 9'-0" = 36'-0"
D1	2'-7"
D2	N/A
E	5'-2"
F	5'-8"
G	7'-2"
H1	8'-11"
H2	N/A
J	11'-1"
K	12'-7"
L	14'-1"
M	41'-9"
N	24 SPA. @ 1'-6" = 36'-0"
O	0
P	1'-6"
Q	2'-2"
R	1'-3"
S	5'-1"
T	12'-0"
U	12'-6"

This item has been digitally signed and sealed by Jeff Bartoszek, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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DRAWING IS NOT TO SCALE AND IS FOR FABRICATION ONLY. DIMENSIONS MAY VARY DUE TO FABRICATOR TOLERANCES OR PREFERENCES. PRIOR TO ORDERING AND INSTALLING SHEETING, WINDOWS, DOORS, ETC., OWNER AND/OR CONTRACTOR SHALL CONTACT HIGHER POWER DOORS FOR A TRIM & CUT SHEET.

- NOTES:
- PROJECT LOCATION: LAKE CITY, FLORIDA.
 - DOOR MAY NOT BE OPERATED, OPEN OR PARTIALLY OPEN WITH WIND SPEEDS $V_{ult} > 50$ MPH (3-SECOND GUST).
 - DOOR DESIGNED AS A COMPONENT/CLADDING, PART 1, INTERIOR ZONE AND CORNER ZONE.
 - WIND DATA (ALL DATA IS ULTIMATE)
RISK CATEGORY II
WIND EXPOSURE C
4A. V_{ult} (CLOSED POSITION) = 120 MPH
DESIGN WIND PRESSURES: 23.4 PSF, -26.1 PSF
4B. V_{ult} (OPENING POSITION) = 50 MPH
DESIGN WIND PRESSURES: 5.8 PSF, -6.2 PSF
4C. V_{ult} (OPEN POSITION) = 50 MPH
DESIGN WIND PRESSURES: 2.8 PSF, -5.1 PSF
5. OWNER TO PROVIDE SIDING MEETING CODE REQUIREMENTS FOR DOOR. SECURE TO FRAMING PER CODE, AT 12" MAXIMUM SPACINGS.
6. LATERAL REACTIONS FROM DOOR TO BUILDING (WORKING STRESS)
= 2,000# @ TOP OF COLUMN
= 2,500# @ SLAB
7. VERTICAL REACTION TO THE SLAB = 2,500#
8. DEFLECTION
 $\frac{1}{8}"$ DEFLECTION IN THE OPEN POSITION
 $\frac{3}{8}"$ AS THE DOOR BEGINS TO OPEN
9. DESIGN OF THIS STRUCTURE MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION.



TITLE		DIMENSIONAL PLAN		42'-0" x 12'-6 1/2" OPENING, 120 MPH	
PROJECT		STROUBE LANDER		LAKE CITY, FLORIDA	
SHEET	PROJECT NO.	DRAWN BY	APPROVED BY	DATE	SCALE
	24070	BKV	JAB	06/12/2024	AS NOTED