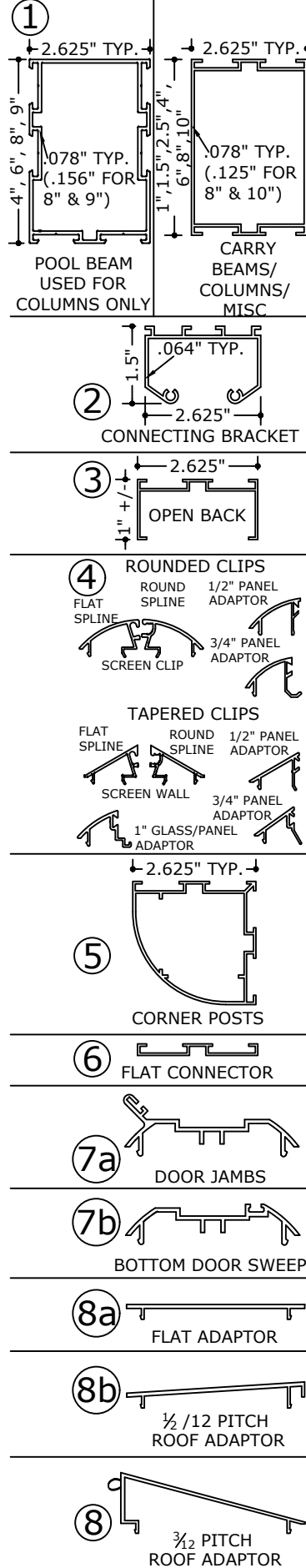
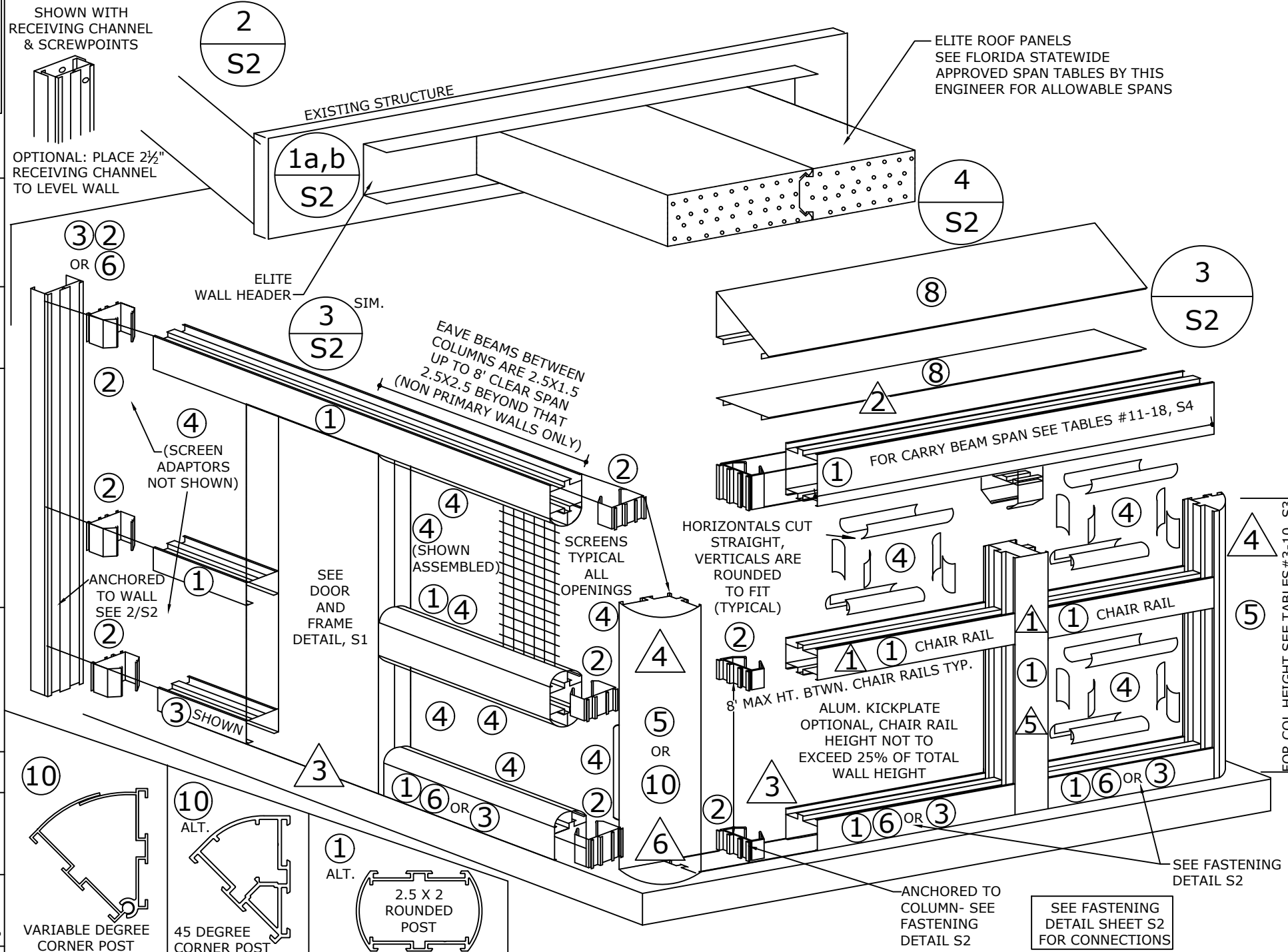


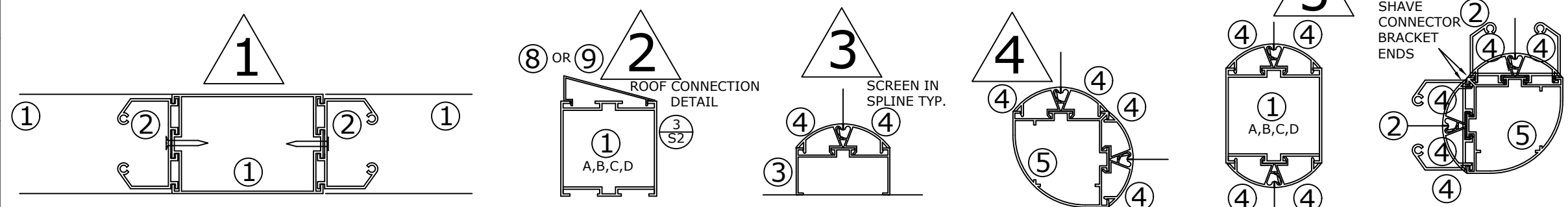
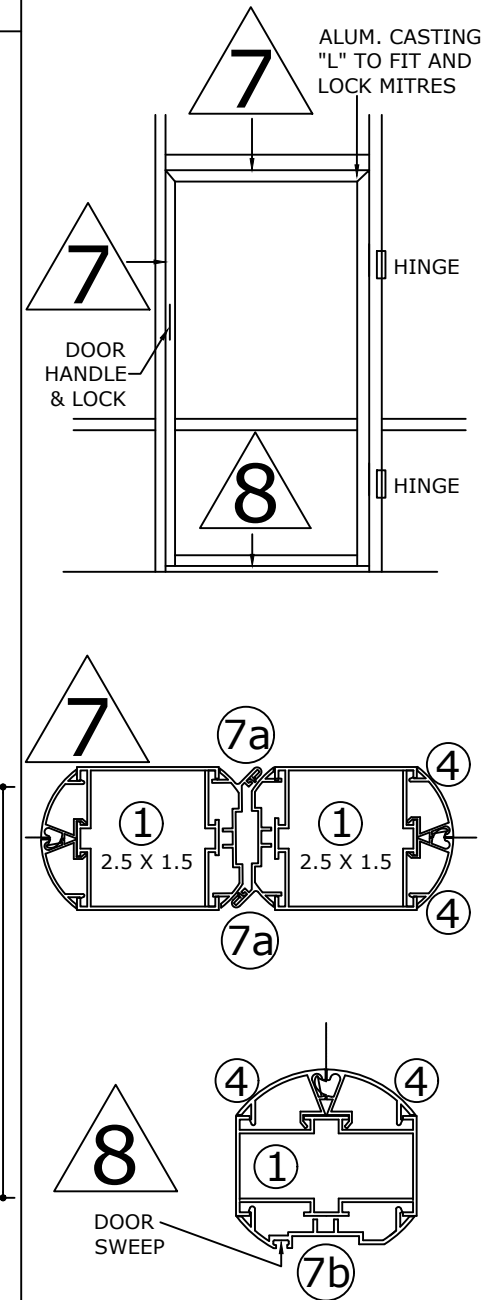
EXTRUSIONS



ELITE 2000 SCREEN WALL SYSTEM



DOOR & JAMB DETAIL



C.T. "GUS" TARNOWSKI
PE0050662

VALID FOR (1) JOB(S) ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

TARNOWSKI ENGINEERING

ENGINEERING BUSINESS CA 00009677
CIVIL & STRUCTURAL ENGINEERING
7360 N.W. 5th Street Phone (954) 727 - 2027
Plantation, FL 33317 Fax (954) 727 - 9644

ELITE ALUMINUM CORPORATION
4650 LYONS TECHNOLOGY PARKWAY
COCONUT CREEK, FL 33073

ELITE 2000 ROOF-SCREEN

Building Innovation
ELITE
Panel Products

DRWN	CHKD	DATE	07/01/15
WTF	CT		
REMARKS	FBC2014	ISSUE	
<small>THIS DOCUMENT IS THE PROPERTY OF TARNOWSKI ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE, REPRODUCTION, OR ALTERATION WITHOUT THE WRITTEN CONSENT OF TARNOWSKI ENGINEERING, INC. IS STRICTLY PROHIBITED. ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.</small>			
COPYRIGHT TARNOWSKI ENGINEERING, INC.			
00-EAC-1025			
SCALE: N.T.S. 01			
PAGE DESCRIPTION:			
1			
OF 4			
<small>C. TARNOWSKI, P.E.</small>			

END WALL CARRY BEAM CLEAR SPAN TABLE:

6063-T6

18X14 SCREEN MESH

C.T. "GUS" TARNOWSKI
PE0050662



VALID FOR (1) JOB(S) ONLY
VALID ONLY WITH RAISED ENGINEER SEAL

TABLE 12: 130MPH, EXP 'C', 140MPH, EXP 'B'

BEAM	ROOF CLEAR SPAN						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	22'-0"
2.5x1.5	4'-9"	4'-6"	4'-2"	4'-0"	3'-9"	3'-7"	3'-4"
2.5x2.5	5'-10"	5'-5"	5'-1"	4'-9"	4'-6"	4'-4"	4'-0"
2.5x2.5 HVY	7'-8"	7'-4"	6'-10"	6'-7"	6'-2"	6'-0"	5'-6"
2.5x4	7'-8"	7'-2"	6'-8"	6'-5"	6'-0"	5'-9"	5'-4"
2.5x6	8'-0"	8'-0"	8'-0"	8'-0"	7'-9"	7'-6"	6'-10"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 13: 140MPH, EXP 'C', 150MPH, EXP 'B'

BEAM	ROOF CLEAR SPAN						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	22'-0"
2.5x1.5	4'-8"	4'-5"	4'-1"	3'-10"	3'-8"	3'-6"	3'-4"
2.5x2.5	5'-9"	5'-5"	5'-0"	4'-8"	4'-6"	4'-4"	4'-0"
2.5x2.5 HVY	7'-8"	7'-4"	6'-10"	6'-6"	6'-2"	5'-10"	5'-5"
2.5x4	7'-7"	7'-1"	6'-7"	6'-4"	6'-0"	5'-8"	5'-4"
2.5x6	8'-0"	8'-0"	8'-0"	8'-0"	7'-8"	7'-5"	6'-9"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 14: 150MPH, EXP 'C', 160MPH, EXP 'B'

BEAM	ROOF CLEAR SPAN						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"
2.5x1.5	4'-7"	4'-4"	4'-1"	3'-10"	3'-7"	3'-6"	3'-5"
2.5x2.5	5'-8"	5'-4"	5'-0"	4'-8"	4'-6"	4'-4"	4'-1"
2.5x2.5 HVY	7'-8"	7'-4"	6'-9"	6'-6"	6'-1"	5'-10"	5'-7"
2.5x4	7'-6"	7'-0"	6'-7"	6'-2"	5'-10"	5'-8"	5'-5"
2.5x6	8'-0"	8'-0"	8'-0"	8'-0"	7'-7"	7'-4"	7'-0"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 15: 160MPH, EXP 'C', 170MPH, EXP 'B'

BEAM	ROOF CLEAR SPAN						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	19'-0"
2.5x1.5	4'-7"	4'-4"	4'-0"	3'-9"	3'-7"	3'-6"	3'-5"
2.5x2.5	5'-7"	5'-2"	4'-10"	4'-8"	4'-5"	4'-2"	4'-1"
2.5x2.5 HVY	7'-8"	7'-2"	6'-9"	6'-5"	6'-1"	5'-9"	5'-8"
2.5x4	7'-4"	6'-10"	6'-6"	6'-1"	5'-9"	5'-7"	5'-6"
2.5x6	8'-0"	8'-0"	8'-0"	7'-10"	7'-6"	7'-3"	7'-1"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 16: 170MPH, EXP 'C'

BEAM	ROOF CLEAR SPAN						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	17'-0"	18'-0"
2.5x1.5	4'-6"	4'-3"	4'-0"	3'-9"	3'-7"	3'-6"	3'-5"
2.5x2.5	5'-6"	5'-3"	4'-10"	4'-7"	4'-5"	4'-4"	4'-3"
2.5x2.5 HVY	7'-7"	7'-1"	6'-8"	6'-4"	6'-0"	5'-10"	5'-9"
2.5x4	7'-2"	6'-8"	6'-5"	6'-0"	5'-9"	5'-7"	5'-6"
2.5x6	8'-0"	8'-0"	8'-0"	7'-9"	7'-5"	7'-4"	7'-3"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 17: 170MPH, EXP 'C'*

BEAM	ROOF CLEAR SPAN						
	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"
2.5x1.5	4'-6"	4'-4"	4'-1"	4'-0"	3'-10"	3'-8"	3'-7"
2.5x2.5	5'-6"	5'-2"	5'-0"	4'-10"	4'-8"	4'-6"	4'-4"
2.5x2.5 HVY	7'-5"	7'-1"	6'-10"	6'-8"	6'-5"	6'-2"	6'-0"
2.5x4	7'-2"	7'-0"	6'-8"	6'-4"	6'-2"	6'-0"	5'-9"
2.5x6	8'-0"	8'-0"	8'-0"	8'-0"	7'-9"	7'-8"	7'-7"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 18: 175MPH, EXP 'C'*

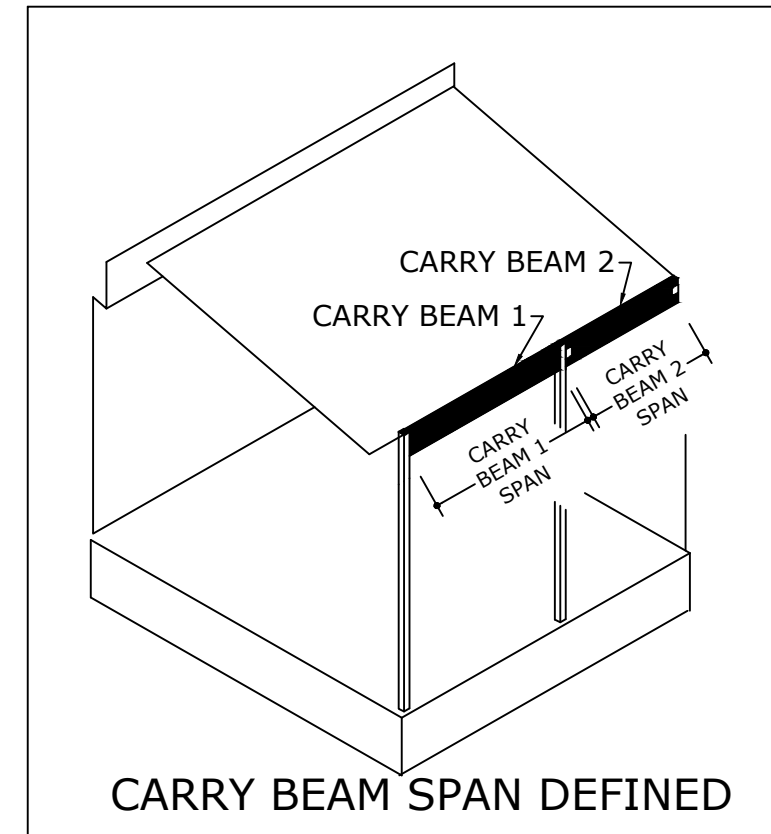
BEAM	ROOF CLEAR SPAN						
	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"
2.5x1.5	3'-5"	3'-9"	3'-8"	3'-6"	3'-5"	3'-4"	3'-2"
2.5x2.5	4'-10"	4'-7"	4'-6"	4'-3"	4'-2"	4'-0"	3'-10"
2.5x2.5 HVY	6'-8"	6'-5"	6'-1"	5'-10"	5'-8"	5'-6"	5'-4"
2.5x4	6'-5"	6'-2"	5'-10"	5'-8"	5'-6"	5'-4"	5'-2"
2.5x6	8'-0"	7'-10"	7'-7"	7'-5"	7'-1"	6'-10"	6'-8"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

TABLE 19: 180MPH, EXP 'D'*

BEAM	ROOF CLEAR SPAN						
	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"
2.5x1.5	3'-6"	3'-5"	3'-2"	3'-1"	N/A	N/A	N/A
2.5x2.5	4'-4"	4'-1"	3'-10"	3'-9"	3'-7"	3'-6"	3'-5"
2.5x2.5 HVY	5'-10"	5'-7"	5'-5"	5'-2"	5'-0"	4'-9"	4'-8"
2.5x4	5'-7"	5'-5"	5'-2"	5'-0"	4'-9"	4'-8"	4'-6"
2.5x6	7'-4"	7'-0"	6'-8"	6'-6"	6'-3"	6'-0"	5'-10"
2.5x8	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
2.5x10	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

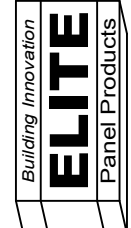
TABLE 12-19 NOTES:

- 1) 2010 ALUMINUM DESIGN MANUAL, ALLOWABLE STRESS DESIGN METHOD USED IN ALL TABLES.
 - 2) USE APPROPRIATE TABLE REQUIRED BY THE FLORIDA BUILDING CODE & GOVERNING LOCAL BUILDING CODES. VERIFY REQUIREMENTS WITH BUILDING DEPARTMENT.
 - 3) DEFLECTION LIMIT = L/120 *
 - 4) MAXIMUM EAVE BEAM SPANS ONLY NOTED IN TABLES 12-19.
 - 5) 10PSF MINIMUM SOLID ROOF LIVE LOAD USED OR RESPECTIVE ROOF WINDLOAD (PER FBC TABLE 2002.4)USED, WHICHEVER GOVERNS.
 - 6) ROOF CLEAR SPAN IS FROM HOST STRUCTURE TO THE CARRY BEAM.
 - 7) 12" MAXIMUM OVERHANG ON FRONT AND SIDES OF ENCLOSURE.
 - 8) COLUMNS TO BE Laterally SUPPORTED EVERY 8' MAX.
 - 9) ALL WIND SPEEDS SHOWN ARE ULTIMATE DESIGN WIND SPEEDS (Vult)
- *HVHZ ONLY, IF ROOF CLEAR SPAN IS <= 12FT, DEFLECTION = L/80, IF ROOF CLEAR SPAN IS > 12FT, DEFLECTION = L/180, MINIMUM SOLID ROOF LIVE LOAD = 30PSF



ENGINEERING BUSINESS CA 00009677
TARNOWSKI ENGINEERING
CIVIL & STRUCTURAL ENGINEERING
7360 N.W. 5th Street
Plantation, FL 33317
Phone (954) 727 - 2027
Fax (954) 727 - 9644

ELITE ALUMINUM CORPORATION
4650 LYONS TECHNOLOGY PARKWAY
COCONUT CREEK, FL 33073



ELITE 2000 ROOF-SCREEN

REMARKS	DRWN	CHKD	DATE
FBC2015 ISSUE	WTF	CT	07/01/15

THIS DOCUMENT IS THE PROPERTY OF TARNOWSKI ENGINEERING, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND AT THE LOCATION SPECIFIED HEREIN. WRITERS CONSENT OF TARNOWSKI ENGINEERING, INC. ALTERATIONS, ADDITIONS, HIGHLIGHTING OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

COPYRIGHT TARNOWSKI ENGINEERING, INC.

00-EAC-1025

SCALE: N.T.S. 01

PAGE DESCRIPTION: