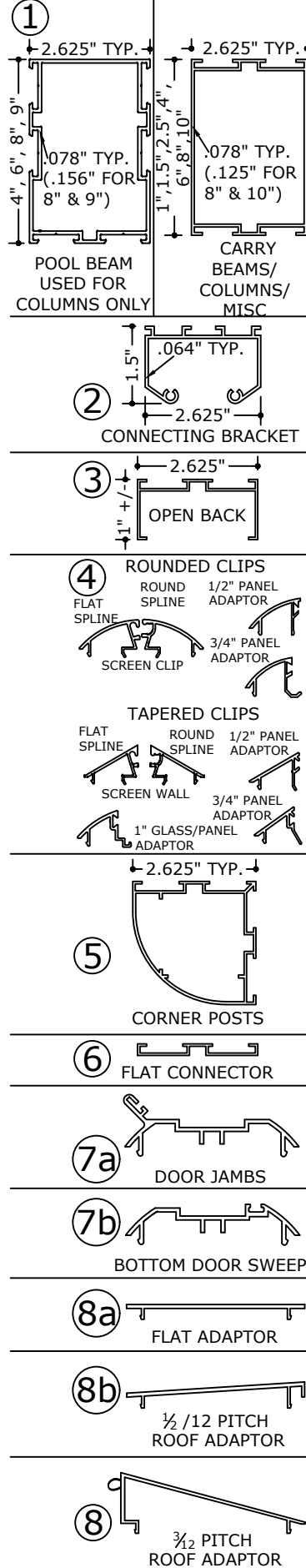
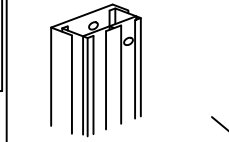


**EXTRUSIONS**

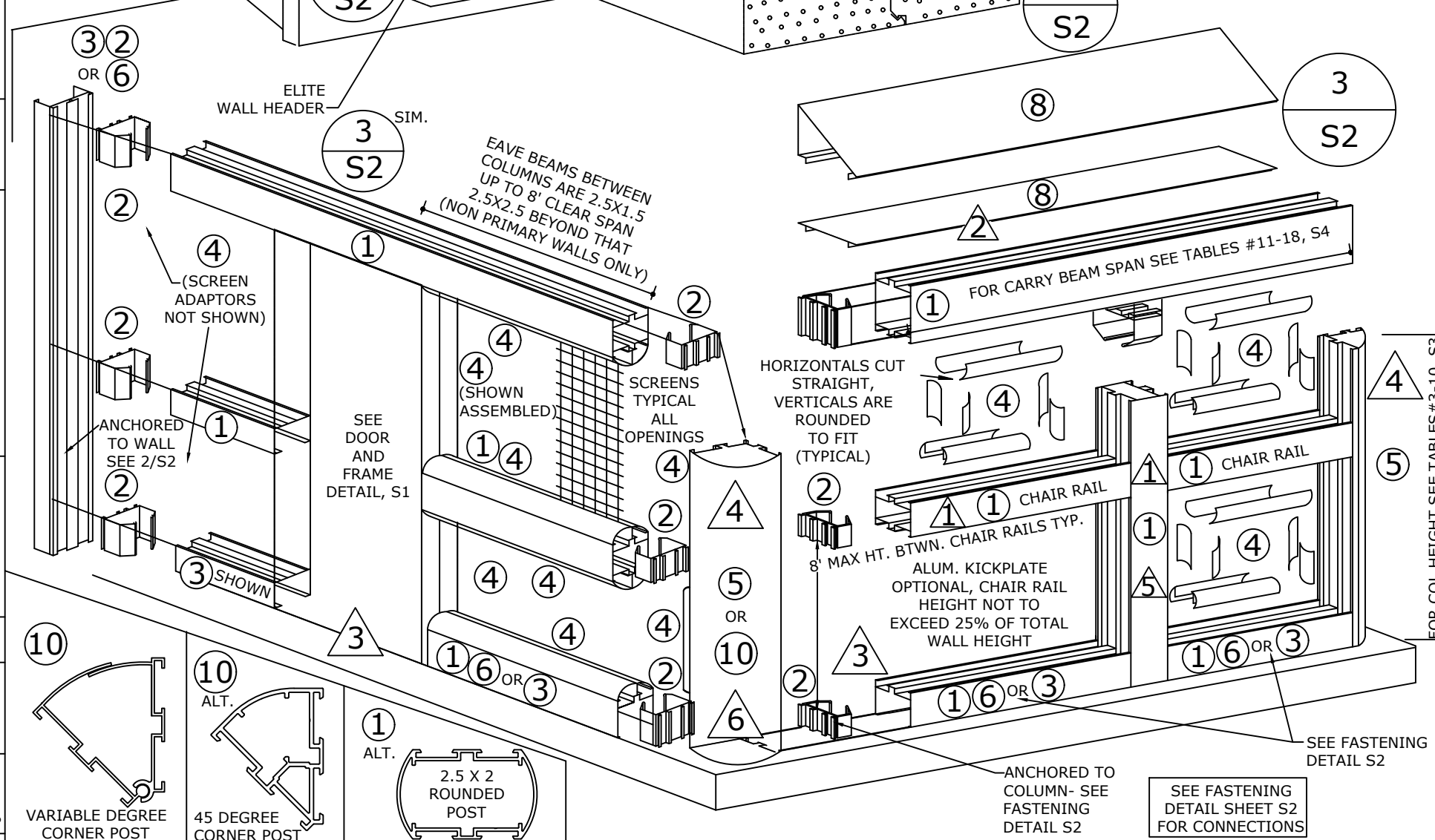


# ELITE 2000 SCREEN WALL SYSTEM

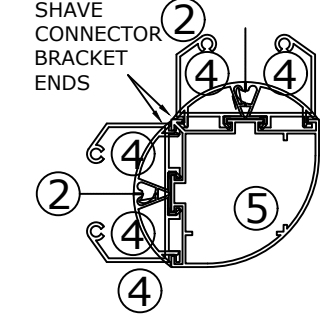
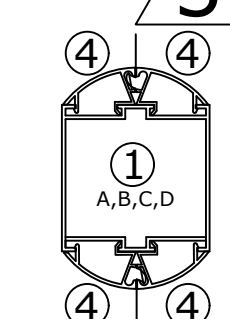
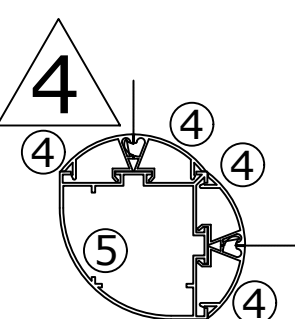
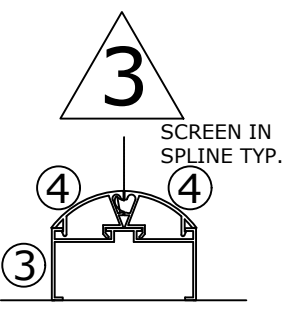
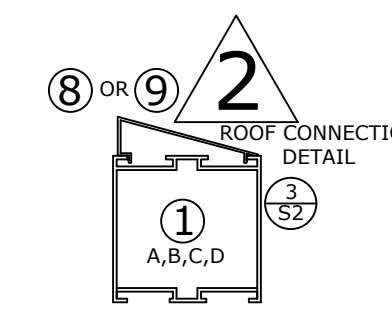
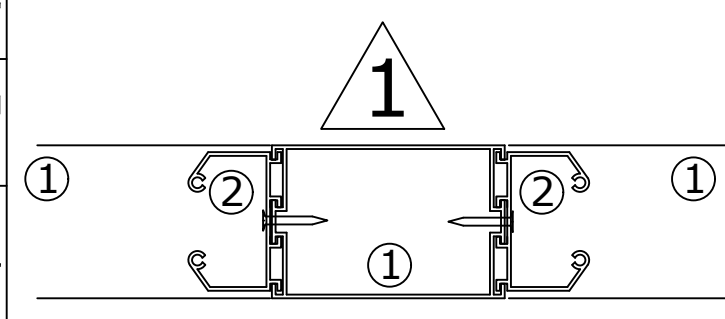
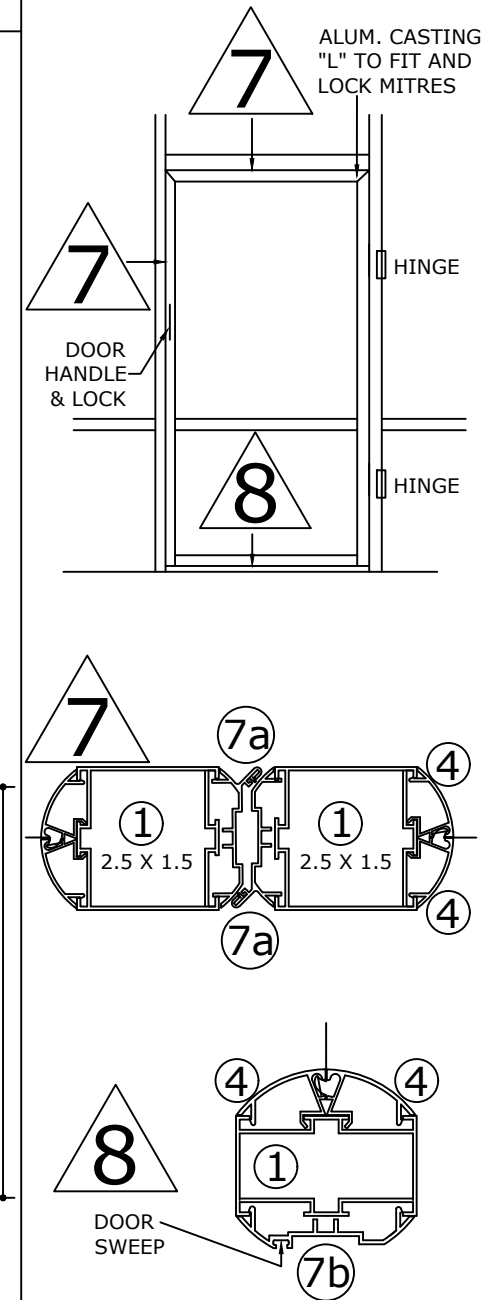
SHOWN WITH RECEIVING CHANNEL & SCREWPOINTS



OPTIONAL: PLACE 2 1/2\"/>



**DOOR & JAMB DETAIL**



C.T. "GUS" TARNOWSKI  
PE0050662



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

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ELITE 2000 ROOF-SCREEN

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# 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'\*

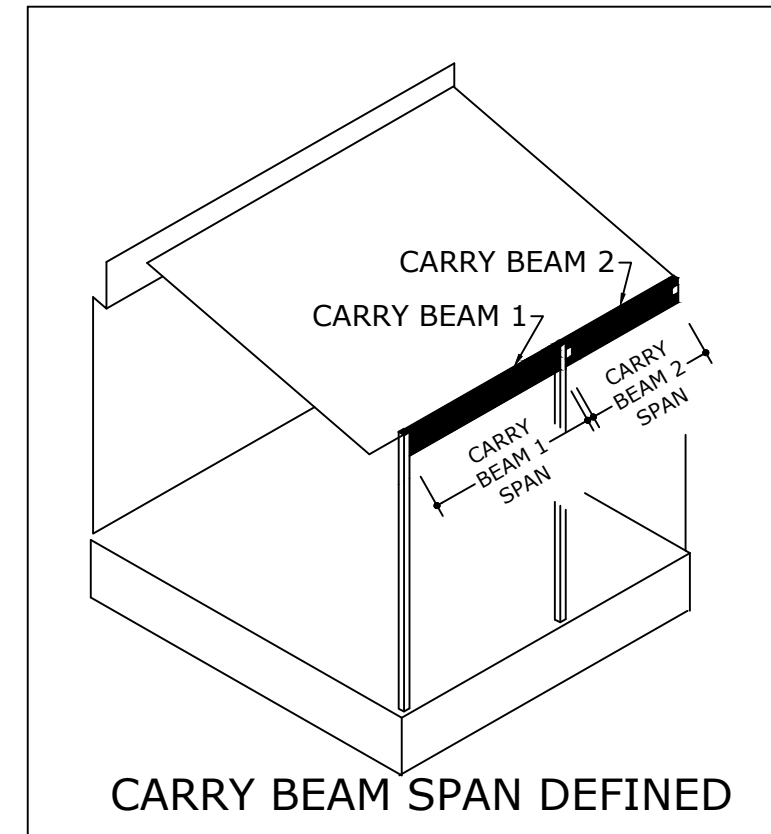
BEAM	ROOF CLEAR SPAN						
	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"
2.5x1.5	3'-5"	3'-9"	3'-8"	3'-6"	3'-5"	3'-4"	3'-2"
2.5x2.5	4'-10"	4'-7"	4'-6"	4'-3"	4'-2"	4'-0"	3'-10"
2.5x2.5 HVY	6'-8"	6'-5"	6'-1"	5'-10"	5'-8"	5'-6"	5'-4"
2.5x4	6'-5"	6'-2"	5'-10"	5'-8"	5'-6"	5'-4"	5'-2"
2.5x6	8'-0"	7'-10"	7'-7"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



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