Screen Room, Covered Patio Room, and Pool Enclosure

"OPEN" Structures ONLY

Project Name Project Location 251 SW Jasmine St H white

Thomas E. Beitelman,

2626 E. Park Ave., Unit 4303, Tallahas (321) 543-6750 - beitelman@gmail.co

64

Permit Number Columbia

DESIGN CRITERIA

Wind Velocity: 120 mph, 3 sec. gust 130 mph, 3 sec. gust

Risk Category: (FBC-2020 rev 7)

Endosure Class.: "OPEN" or "ENCLOSED"

Coefficient: nternal Pressure +/- 0.0 (Open) +/- 0.18 (Enclosed) Mind Exposure Type:

"B" or "C" (See tables)

pplicable Sunroom - Roof with screens Roof with enclosed walls Roof with enclosed walls (Non-conditioned) orced entry protection, air

ral Drawings

SCALE:

(Non-conditioned)
IV - Type III + Conditioned
**Type V Category is not applicable for these plans eakage and water resistan

OSHA, AISC, ACI and ASCE codes as well as with the current recognized versions of the All construction shall be provided in accordance

all applicable local requirements.

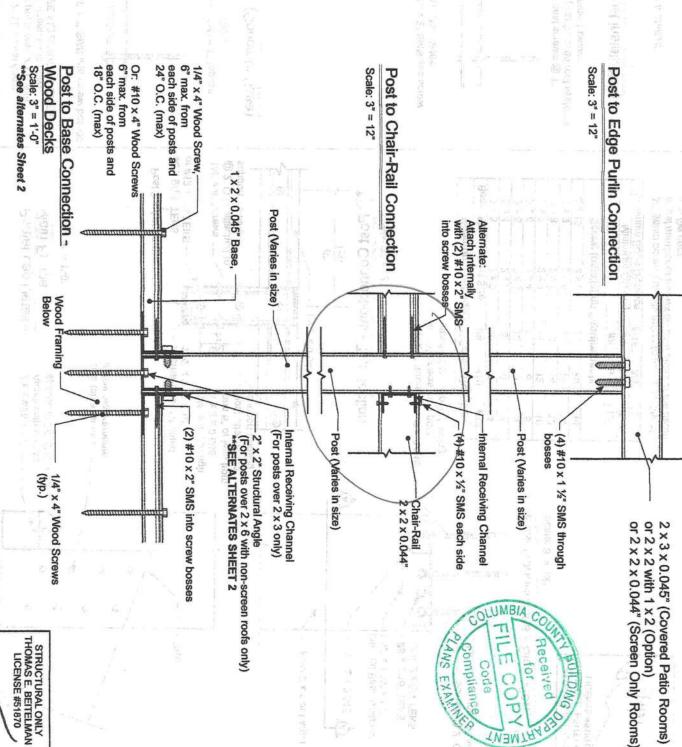
Base connections shall be provided as shown and shall be field adjusted on the basis of the manufacturer's requirements for actual soil type

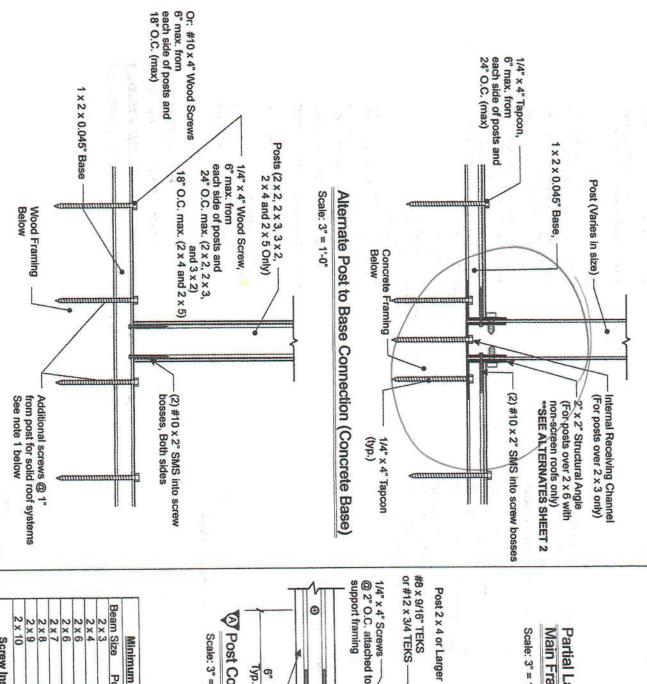
All materials identified by manufacturer name may be substituted with comparable materials that exceed or equal the specifications for the

All field connections shall be #10 SMS or better, unless noted otherwise.

PROJECT: TITLE: Details

All Aluminum shall be Alloy 6065T5 and/or 6061T6 for oof panels and Super Gutter, which are norizontal and vertical framing members, except proprietary to the manufacturer





equal number of screws on both sides of the beam into the post Minimum screw quantity refers to total quantity of Alternate Post to Base Connection (Small post installation)

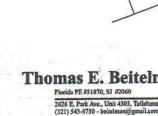
Scale: 3" = 1'-0"

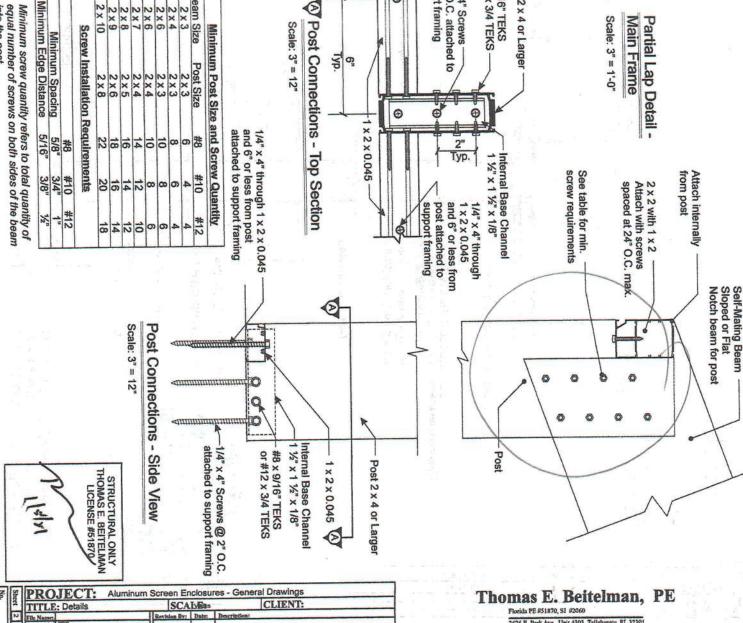
2 - Alternately for concrete base, substitute

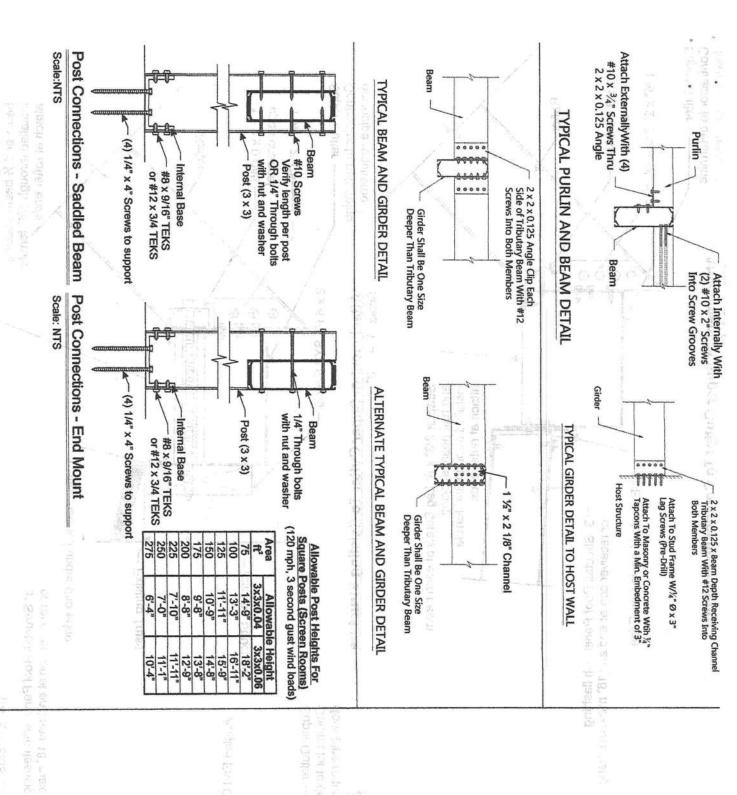
1/4" x 4" Tapcon for wood screws with dantical enacina requirements

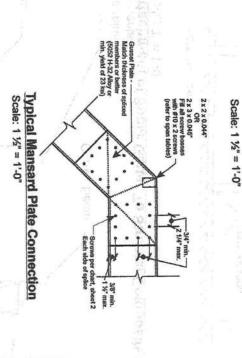
as noted above.

1 - Screen Roof Systems only, unless additional screws installed











She	PRO	JECT:	Aluminum	Screen E	nclosu	res - Gene	eral Drawings
2		: Details			ALE:		CLIENT:
w	File Name:		The second second	Revision By	: Date:	Description:	
0		TEB				Company of the Parket	
_	Drawn:	YEB		12.0			
8	Checked:	TEB					
_	Dates	03/15/20					

Typical Roof Peak Plate Connection

Thomas E. Beitelman, PE Plorida PE #51870, SI #2060 2026 E. Park Ave., Unit 4303, Tallahassee, FL 32301 (321) 543-6750 - beitelman@gmail.com

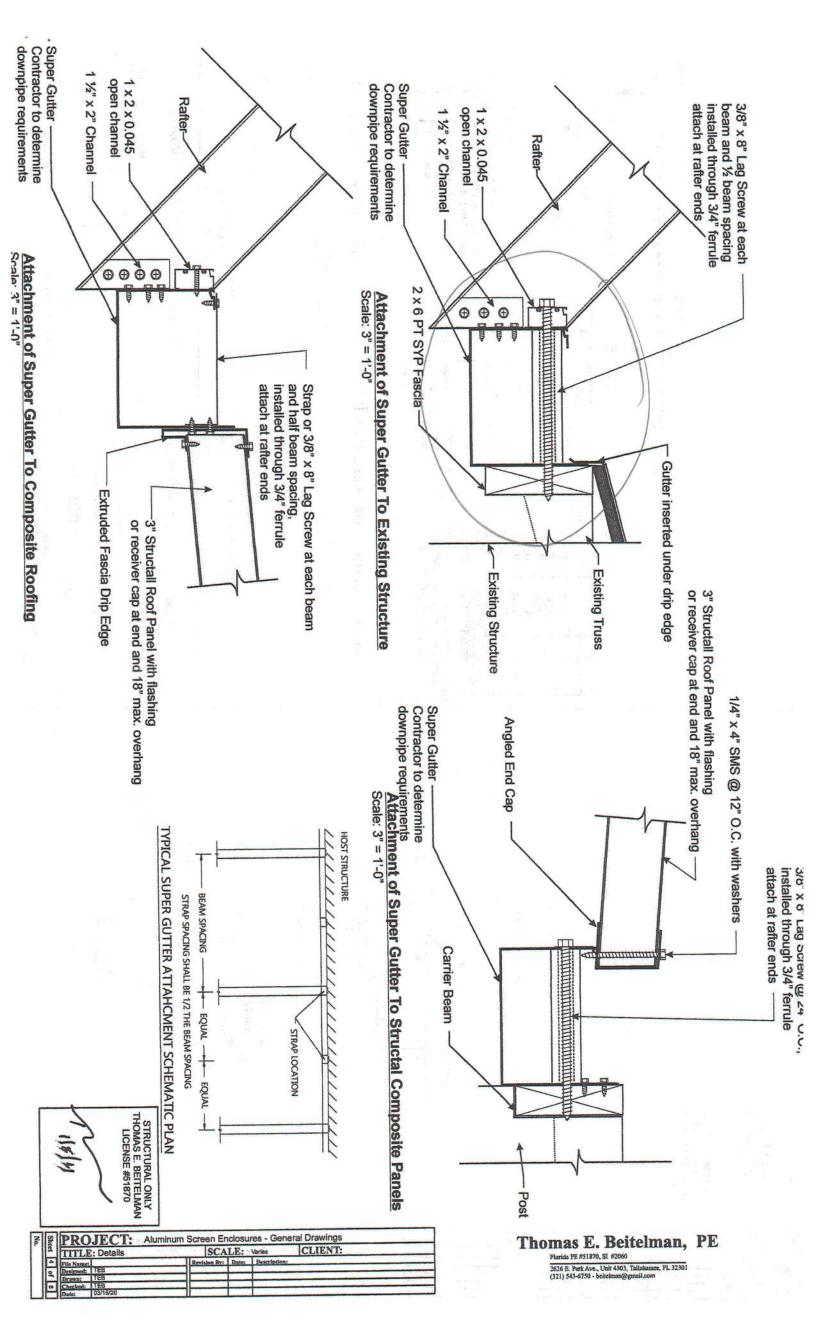
Gusset Plate - Match thickness of sp Match thickness of sp members or better (5052 H-32 Alloy or min. yield of 23 ksl)

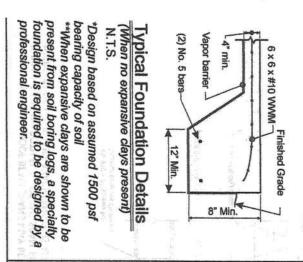
\$214" mir

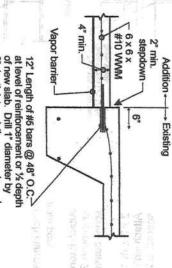
2 x 2 x 0.044*
OR
2 x 3 x 0.045*
Fill all screwbosses with \$10 x 2 screws (refer to span tables)

Sorews per chart, sheet 2 Each side of splice

7.38 min.







N.T.S. Connection to Existing Foundation

6" depth into existing concrete and epoxy grout into place

3 1/2" Min Finished Grade

(2) 2 x 8 No. 2 PT SYP band beam min.

(2) 1/2" diameter through bolts (Carriage or hex-head)

Posts to be notched no more than 1"

ypical Flat Slab Detail

(When no expansive clays present)

SCREEN ROOMS ONLY

Requirements for Flat Slab Detail

- Concrete to be 2500 psi min.
- 2 Reinforcement to be either 6 x 6 #10 WWW or Fiber-Mesh (must be verified for existing slabs on grade)
- 3 Slope along perimeter of slab to be maximum of 1" per foot for the first 24" beyond the end
- 4 Maximum projection of slab beyond host structure to be 20'-0" in 120 mph, 3 sec. wind zones.

Post

(2) 1/2" x 12" dia. bars through posts

5 - Local ordinances may require a minimum footing verify with local authority

Finished Grade Dimension "X" Dimension

(When no expansive clays present) N.T.S. Typical Alternate Ribbon Footing

SCREEN ROOMS ONLY

Requirements for Alternate Ribbon Footing

Finished — Grade

"H" See Table

fill cells containing #4 Vertical, hook bar

see table for spacing

3" cover all faces (1) #5 bar (Gr. 60)

Per local code

vertical bars.

6 x 6 x #10 WWW

in cap or lintel course

Continuous No. 5

- Concrete to be 2500 psi min
- 2 Applicable where slope and or span exceed flat slab and 8" x 8" allowables.
- 3 See table below for allowable room spans in wind zones up to 120 mph, 3 sec. gust winds.

Match Joist Size)

Post Spacing Joist Span

Beam Size

Beam Span/

Maximum

48'-4"	3	12	24
38'-0"	2	12	18
38'-10"	2	12	16
24'-8"	2	12	12
24'-0"	-	œ	12
22'-6"	_	12	œ
Max. Projection (ft.)	No. bars	(in)	(in.)

When no expansive clays present Typical Knee-Wall Detail

(See Table

(2) No. 5 bars, except as shown in ribbon footing detail to right.
3" min. cover

Vapor barrier 4º min

2 - Slope along perimeter of footing to be maximum of 2" per foot for the first 24" beyond the end

1 - Concrete to be 2500 psi min.

Requirements for 8" x 8" Ribbon Footing:

SCREEN ROOMS ONLY

When no expansive clays present) Typical 8" x 8" Ribbon Footing

3 - Maximum projection of slab beyond host structure

to be 16'-0" in 120 mph, 3 sec. wind zones.

all sides

N.T.S.

(in.) (in.) ŧ

Spacing 8'-0" 4'-0" 2'-8"

W.

Vertical Bar

64 56

See table for quantity 3" cover all faces 恭 bars (Gr. 60) Per local code — Finished Grade

Deck Post Support Requirements

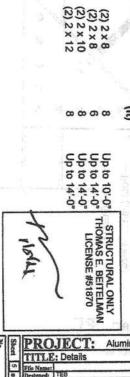
Scale: NTS Notes:

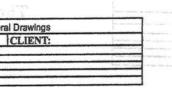
bearing strength = 1500 psf Design assumes a minimum soil

Note: Use 4 x 4 Posts for clear heights up to 4'-0" above grade Use 6 x 6 Posts for clear heights up to 8'-0" above grade **6 x 6 Posts over 6'-0" require 24" knee braces!

en Enclosures

SCALE:





3000 psi concrete

24"



Joist

Florida PE #5187u, Sa. 2626 E. Park Ave., Unit 4303, Talla (321) 543-6750 - beitelman@gmail

PLAN VIEW

及 Of Self-Mating Beam

2 x 2 x 0.125 Angle Trim Outstanding Leg To Fit Beam Width

½ Of Self-Mating Beam

SECTION VIEW

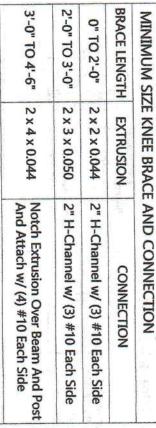
(4) #10 x 2" Screws Into Internal Grooves Of Purlin

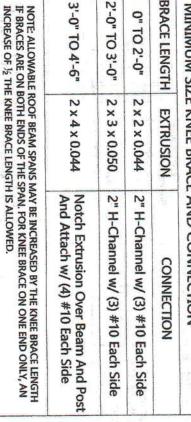
2 x 2 x 0.125 Angle Trim Outstanding Leg To Fit Beam Width

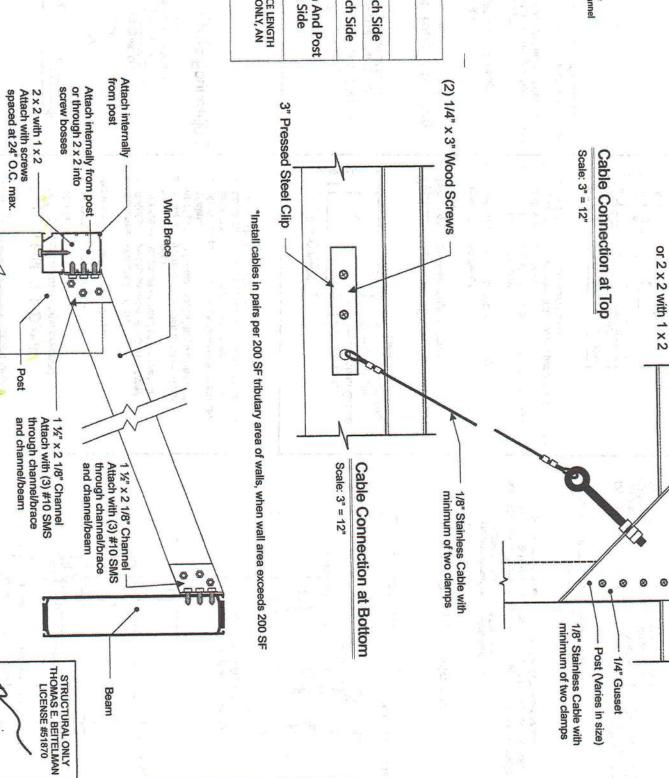
2 x 3 x 0.045"

8 8 0

NOTE: KNEE BRACES ARE NOT REQUIRED FOR THE TABLUATED SPANS. TYPICAL KNEE BRACE DETAIL AND SCHEDULE







Typical Wind Brace Detail at Roof Framing

Required for rooms extending beyond 12'-0" from host structure

PROJECT:
TITLE: Details

1/6/31

eral Drawings CLIENT:

SCALE:

Thomas E. Beitelman,

Florida PE #51870, SI #2060 2026 E. Park Ave., Unit 4303, Taliaha (321) 543-6750 - beitelman@gmall.cu

3" Structall Roof Panel with flashing or receiver cap at end and 24" max. overhang 1/4° SMS with washers per table

To Aluminum Attachment of Composite Roof Panel

Scale: 2" = 1'-0"

48		1/4" x 4" @ each
1 1	Drip Edge	1/4" x 4" Wood Screws @ each stud
_		rews -
		5
		Drip Edge Flashing

5 "	tachment of Composite Roof Pa	panels or Metal Pan
	oof Panel	rews at 8" O.C. rd bottom

Attachment of Com Existing Structure

Scale: 2" = 1'-0"

Angle	-	r*	Ŧ	Ridg tructall Roof Panel with ashing or receiver cap at end nd 24" max, overhang
Angled End Cap	B Listyry Re		1	Ridge Cap with cap at end 7
	\geq		*	لر
	#8 Screws @ 8" O.C.		*	#8 Scre

Scale: 3" = 1'-0" Panels at Ridge

Attachment of Structal Composite

Attachmen	SIP panels or Metal Pan—J Composite roof panel seat—	00 01 01		
tachment of Composite Roof Panel To	oan I	1	` #8	COLOR AND
ite Roof Par	#8 Screws at 8" O.C. top and bottom	and of basic at		ACT.
el To		40.0	1\	

Span Tables and Fastener Spacing Specifications APPLICABLE TO STRUCTALL SNAP N LOCK SYSTEM ONLY

- 1 Min. Roof Slope per FBC-2020 Rev 7
- 2 Span is measured from center to center of supporting members2 24" max. overhang beyond support framing
- 3 Fasteners must be installed a minimum of 2 1/2" from end of panel and include 1 1/2" diameter x 0.4" thick washers

120 mph, Panel Thickness	Max. Span	Exposure "B" Fastener Spacing
O X O COO	10-7	2 2
3" x 0.030	19'-6"	9"
3" x 26 Ga.	19'-6"	ශු
4" x 0.240	18'-2"	10"
4" x 0.030	20'-11"	9"
4" x 26 Ga.	21'-5"	ထူ
6" x 0.240	22'-7"	10"
6" x 0.030	26'-1"	တ္ဒ
6" x 26 Ga.	26'-9"	ထ္ခ

130 mph,	3 Sec. Gust,	Exposure "B"
anel Thickness	Max. Span	Fastener Spacing
3" x 0.240	16'-2"	တ္ခ
3" x 0.030	18'-11"	7 1/2"
3" x 26 Ga.	19'-0"	6 1/2"
4" x 0.240	16'-9"	ထ္မ
4" x 0.030	19'-4"	7 1/2
4" x 26 Ga.	19'-9"	61%
6" x 0.240	20'-10"	ထူ
6" x 0.030	23'-11"	7 1/2"
6" x 26 Ga.	24'-8"	61/2

Allowable Spans For 3" Rib Riser Metal Pans "Screen Rooms Only"
(120 mph, 3 second gust wind loads)

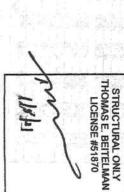
Allowable Spans For 3" Rib Riser Metal Pans (130 mph, 3 second gust wind loads) "Screen Rooms Only"

10-7	0-71	0.024 Inickness
C	B	

Allowable Spans For 3" Rib Riser Metal Pans "Open Structures Only"
(120 mph, 3 second gust wind loads)

14'-6" 12'-	024" Thickness
ВС	1 25 THE TOTAL STREET

Allowable Spans For 3" Rib Riser Metal Pans



She	PROJEC	T: Aluminu	m Screen E	nclosu	res - Gene	ral Drawings	
2	TITLE: Details	s	SCA	LE:	Varies	CLIENT:	January and
7	File Name:		Revision By:	Date:	Description:		
a	Designed: TEB						-
	Drawa: TEB						
0	Checked: TEB						
_	Date: 03/15/20			1			

Thomas E. Beitelman, Florida PE #51870, SI #2060 2626 E. Park Ave., Unit 4303, Tellohassee, FL 32301. (321) 543-6750 - beitelman@grásil.com

Metal Pan Roof At Edge Beam (Steel Pans)

Edge Beam

Metal Pan

#8 x 3/4 SMS with washer (3) per pan

Scale: NTS

Allowable Spans for Screen Enclosure Gable, Hip and Half Mansard Roof Beams
*For half-mansard roofs increase table span by 10%, for full-mansard roofs increase table span by 20%
*For 18 x 14 x 0.013 Screen, spans are permitted to be increased by 5% *For half-mansard roofs increase table span by 10%, for full-mansard roofs inc *For 18 x 14 x 0.013 Screen, spans are permitted to be increased by 5% 120 mph, 3 Sec., Gust, Exposure "B" Allowable Spans For Screen Enclosure Posts with Wind Speeds up to 120 mph, 3 sec. Gust and Exposure "B"

	Self-I	2×4	2 × 5	2×6	2×7	2 × B	6 X 4	2×9	2 x 10		2×2	e v c
	Wating Beams	x 0.046 x 0.100	x 0.050 x 0.116	x 0.050 x 0.120	× 0.055 × 0.120	x 0.072 x 0.224	*0072 ×0224	× 0.082 × 0.306	x 0.092 x 0.374	Snap	x 0.044 x 0.044	3 × 3 × 0 045 × 0 045
	4'-0"	10'-0"	15'-3"	19'-0"	22'-0"	30'-0"	34'-3"	34'-3"	40'-0"		4'-3"	F. S.
Post	6.00	10'-0"	15'-3"	17'-9"	20'-9"	30'-0"	32'-3"	32'-3"	40'-0"		4'-3"	6.4.8
Spacing	6'-0"	10'-0"	14'-3"	17:-3"	20'-9"	29'-9"	30.6	30'-6"	40'-0"		4'-3"	6'-6"
	7'-0"	10'-0"	13'-8"	17:-30	20'-3"	27'-8"	29'-3"	29'-3"	39'-0"		4.3	6-6
	8'-0"	10.0	13'-3"	17'-0"	18'-3"	26'-3"	28'-0"	28'-0"	37'-3"		4-3	6,9

2	N		2)	2	N	2	2	N	N	2	c
x 3 x 0.045 x 0.045	x 2 x 0.044 x 0.044	Snap	(10 × 0.092 × 0.374	x 9 x 0.082 x 0.306	X 9 x 0.072 x 0.224	x 8 x 0.072 x 0.224	x7x0.056 x 0.120	x6x0.050x0.120	x 5 x 0.050 x 0.116	x 4 x 0.046 x 0.100	Self-Mating Beams
6'-6"	4-3		40'-0"	34'-3"	34'-3"	30'-0"	22'-0"	19'-0"	15'-3"	10'-0"	4-6
6'-6"	4'-3"		40'-0"	32'-3"	32'-3"	30'-0"	20'-9"	17'-9"	15'-3"	10'-0"	0-0
6'-6"	4'-3"		40'-0"	30'-6"	39-6	29'-9"	26-9	17'-3"	14'-3"	10'-0"	0-0
6-6	43		39-0	29-3	29'-3"	27'-8"	20-3	17:3	13-8	10:-0"	1
6.6	4-3		31-3	28-0	28-0	26-3	19-3	17.0	13-3	10:0	
	x3x0.045 x 0.045 6.6" 6.6" 6.6" 6.6"	x2x0.044 x 0.044 4:3 4:3 4:3 4:3 x3x0.045 x 0.045 6:6 6:6 6:6 6:6 6:6	4-3" 4-3" 6-6" 6'-6"	092 x 0 374 40'-0" 40'-0" 40'-0" 39'-0" 1810 1810 1814 1815 1815 1815 1815 1815 1815 1815	34:3 32:3 30:6 29:3 40:0 40:0 40:0 39:0 4:3 4:3 4:3 4:3 6:6 6:6 6:6 6:6	34.3 32.3 30.6 28.3 34.3 32.3 30.6 29.3 40.0 40.0 40.0 39.0 4.3 4.3 4.3 4.3 6.6 6.6 6.6 6.6	30.0° 30.0° 29.4° 27.4° 30.5° 39.0° 39.0° 29.3° 30.4° 29.3° 30.0° 39.0° 40.0° 39.0° 40.3° 4.3° 4.3° 6.6° 6.6° 6.6° 6.6° 6.6°	22.4° 20.4°	18-O 17-9 17-3 17-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-3 20-9 20-9 20-9 20-9 20-9 20-9 20-9 20-9	16.3 16.3 14.3 13.4 12.3 12.4 12.4 12.4 12.4 12.4 12.4 12.4 12.4	10.0° 10.0°

2 x 3 x 0.045 x 0.0	2 x 2 x 0.044 x 0.0	Snap	2 x 10 x 0.092 x 0.374	2 x 9 x 0.082 x 0.3	ZX9x0.072x0.2	2 x 8 x 0.072 x 0.2	$2 \times 7 \times 0.055 \times 0.1$	2 x 6 x 0.050 x 0.1	2 x 5 x 0.050 x 0.1	2 x 4 x 0.046 x 0.10	CHIPPOT KINDIN-1190
045	44		74	96	24	24	20	90	6	8	9
6-6	4'-3"		40'-0"	34'-3"	34'-3"	30'-0"	22'-0"	19'-0"	15'-3"	10'-0"	4
6.6	4'-3"		40'-0"	32'-3"	32'-3"	30'-0"	20'-9"	17'-9"	15'-3"	10'-0"	0 0
6-6	4-3		40'-0"	30'-6"	39-6	29'-9"	20-9	17:-3"	14'-3"	10'-0"	4
0-0	43		39-0	29-3	29'-3"	27:8	20-3	17-3		10-0	-
0-0	4-3		31-3	0-87	0-82	20-3	18-3	1/-0	13-3	0-0	10101
_	_	_	1		_	_	1		_	L	1

130 mph. 3 Sec. Gust, Exposure "B"

20.4° 20.4° 30.4° 32.3° 32.3° 32.3° 40.4° 40.4° 40.4° 40.4°		
	17'-9"	-
	1	5-3
6 4 40 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	17:3"	14'-3"
277-8 289-3 8-6	17:30	13-B
8 4 37 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17'-0"	13-3

		Post	Spacing		
Self-Wating	4'-0"	6'-0"	-6'-0"	7'-0"	8'-0"
× 4 × 0 046 × 0 100	12'-0"	11'-0"	10-0	9'-3"	8.6
v 5 x 0 050 x 0 116	14'-6"	13'-0"	12'-0"	11'-0"	10'-0
x 6 x 0 050 x 0 120	15'-0"	13'-6"	12.6"	11'-6"	10'-6"
x 7 x 0 055 x 0 120	16'-0"	14'-6"	13'-6"	12'-6"	11'-6"
x 8 x 0.072 x 0.224	17'-0"	15'-9"	14.5	13'-6"	12'-6
x 9 x 0.082 x 0.306	18'-0"	16'-9"	15'-6"	14'-6"	13-6
x 10 x 0.092 x 0.389	19'-0"	17:-9"	16'-6"	15'-6"	14'-6
Snap					
2×2×0.044	7'-0"	6.6	6-0	5-6	0.0
2 x 3 x 0.05 x 0.05	8'-0"	7'-6"	6'-9"	6:3"	5-6
2 x 4 x 0.05 x 0.05	9'-0"	8'-0"	7:-3"	6'-6"	5-9

														201 1						2395		1	1			
2 x 4 x 0.05 x 0.05	2 x 3 x 0.05 x 0.05	2×2×0.044	Snap	2 x 10 x 0.092 x 0.389	2 x 9 x 0.082 x 0.306	2 x 8 x 0.072 x 0.224	2 x 7 x 0.055 x 0.120	2 x 6 x 0.050 x 0.120	2 x 5 x 0.050 x 0.116	2 x 4 x 0.046 x 0.100	Self-Mating		Speeds up to 130	Allowable Spans For Screen Enclosure Posts with Wind	2 x 4 x 0.05 x 0.05	2 x 3 x 0.05 x 0.05	2×2×0.044	Snap	2 x 10 x 0.092 x 0.389	2 x 9 x 0.082 x 0.306	2 x 8 x 0.072 x 0.224	2 x 7 x 0.055 x 0.120	2 x 6 x 0.050 x 0.120	2 x 5 x 0.050 x 0.116	2 x 4 x 0.046 x 0.100	Self-Wating
8'-0"	7:-6°	6-9"		18'-0"	17'-0"	16'-0"	15'-0°	14'-0"	13'-6"	11'-3"	4'-0"		130 mph, 3 sec. Gust and Exposure "B"	For Scn	9.0°	8'-0"	7'-0"		19'-0"	18'-0"	17:-0"	16'-0"	15'-0"	14'-6"	12'-0"	4'-0"
7-3	6-9	6-0		16-6	15-6	14.6	13'-6"	12'-6"	12'-0"	10'-0"	5'-0"	Post	sec. G	een En	8'-0"	7-6	6.6		17'-9"	16-9	15-8	14.6	13.6	13'-0"	11'-0"	5'-0"
6-6	6-0	0-3		15-6	14-6	13-6	12.6	11.6	11'-0"	9-0-	6'-0"	Post Spacing	ust and	closure	7-3	8-9	6-0		16.6	15.6	14-6	13.6	9.21	12'-0"	10-0	6.0
0-0	0.0	0-0	-	14-6	10-6	9-71	11.6	10-6	10-0	8-6	7'-0"		Expo	Posts	0.6	0.3	0.0		15-6	14-6	13-6	9.71	11-6	11-0	8-3	0.7
0-0	0-0	400		13-0	10.0	11-6	9-01	9-6	0.6	8-0	8-0-8		sure "E	with V	9-6	0.0	0.0		74-0	13-0	0.71	17-6	0-0	10-0	8-6	0
													الم	Vind												

																								75.2			
																								1			
2 x 10 x 0.092 x 0.374	2 S C O OR2 x O 308	2 x 9 x 0.072 x 0.224	2 x 8 x 0 072 x 0 224	2 × 7 × 0 055 × 0 120	2 x 6 x 0.050 x 0.120	2 x 5 x 0.050 x 0.116	2 x 4 x 0 046 x 0 100	Single Self-Mating Bean				**	2 × 40 × 0 092 × 0 374	2 X 9 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0	2 20 20 77 20 774	2 × 8 × 0 072 × 0 224	Double Salf-Matino Beams	2 × 10 × 0.092 × 0.374	3 - 9 × 0 0 0 × 0 306	2 × 9 × 0 072 × 0 224	2 × 8 × 0 072 × 0 224	2 7 7 0 055 x 0 120	2 X 5 X 0.050 X 0.110	2 x 4 x 0.040 x 0.100	Stringer Ringwar-mac arbure	Cincle Colf Making Basma	
17.6	15:-0	14'-0"	12:-9"	10-3	9'-0		_	25 10'-0"		120	Allo		33-3	28'-9"	27.0	24-9		27'-0"	23'-0"	21.9	19'-9"	16:00	14.5	300	0,50	10.00	
						7'-0"		" 14'-0"		mph a	wable		30'-0"	25'-9"	24'-3"	22'-3"		24:3	20'-9"	19:-6"	17-9"	14-3	12.6	10.00	8.8	14'-0"	
						6-3				and 13	Span	O.A.G	27'-8"	23'-9"	22'-6"	20'-6"		22'-3"	18'-0"	18'-0"	16'-3"	13:3	11.6	9'-9"	81-0"	18'-0"	
6" 13-6"	3" 11'-6"					6:0			П	20 mph and 130 mph, 3 sec. gust, exposure of	s For S	40.41	26'-0"	22'-3"	21'-0"	19'-3"		21.0"	17'-9"	16'-9"	15'-3"	12'-3"	10'-9"	9:-3	7.6	22'-0"	
6" 12'-9"	8" 11'-0"					5-6			=	3 sec	OLID		24'-9"	21'-3°	20'-0"	18'-3"		19'-9"	17"-0"	15'-9"	14'-6"	11'-9"	10'-3"	8-9	7'-0"	26'-0"	Tributary
9" 12-3"			9-0			5-3				. gust.	ROOF		23'-9"	20-3	19'-0"	17:3		19-0	16:-0"	15-3	13-9	11'0"	99.	8:3	6.9	30'-0"	ibutary Load Width
3 11-9		1		1	1	3-0	1		Load Width	EXPOS	Enclo		6	19-6				18-0	15-6	14-0	13-3	10-9	9'-3"	8'-0"	6'-6"	34.0	din
1					1	0-0	1	١.	10 18F 40	GAINS	Sure C	11/9	22.0						1	14-0	6.71	10-3	9'-0"	7:-9"			1
11-3 11		1	1	1		- t- t-	1	1	יים יכא		arrier		21-3		1	1	1	0-71		10-0		10-0	8-9	7.6	6-0		1
10-11	1		1	1	1	20.00	1	1			Allowable Spans For SOLID ROOF Enclosure Carrier Beams -		20-0			10-0	1	10-0	1	1	1	1	8-6	l	6-6	1	1
0-0		30	200	000	200	2	200	2	0" 6		1		ı	17.		1		1	1	1	1	1	8-3	1	1	1	1

Sections as Horizontals Fastened to Posts - 120 mph, 3 Sec. gust. Exposure B

Sections as Horizontals Fastened to Posts - 120 mph. 3 Sec. gust. Exposure C

6.6

Snap 2 x 2 x 0.044

					Tributary	-	dih	40 18E	40° CA	ARION	50
Single Self-Mating Beams	10'-0"	14'-0"	18'-0"	22'-0"	26'-0"	30'-0"	34'-0"	38-0	47.0	80.0	6.6
2 x 4 x 0.046 x 0.100	10:-0	9-9-	9.0	8.6	9-0	1910	01.00	8'-0	20.00	R1.30	8-0-8
2 x 5 x 0.050 x 0.116	13'-6"	12-3	11-3	0-0	10-0	0.0	10.00	1013	10.00	00.00	9.4
2 x 6 x 0.050 x 0.120	15-9	14-3	13-3	12-3	B-11	10.0	10-3	111-9	111-3	11'0'	10-9
2 x 7 x 0.055 x 0.120	18:-0	16-3	10-0	0-61	6-01	1610	15:00	14'6"	14.0	13.9	13'
2 x 8 x 0.072 x 0.224	22'-6"	20:-3	18-8	1/-0	0-0	10-0	40.00	100	18.80	450	14.
2 x 9 x 0.072 x 0.224	24-6	22'-0"	20'-6"	19-3	18-0	11-0	10-0	0-01	0.00	10.0	15
2 x 9 x 0 082 x 0 306	26:3*	23'-6"	21'-9"	20'-3"	19-3	18-0	8-71	200	200	20.00	18:20
2 × 10 × 0.092 × 0.374	30'-6"	27'-6"	25'-6"	23'-9"	22'-6"	21-6	5-07	20-0	D-81	10-8	10
Double Self-Mating Beams					200	10,00	1000	181.30	47:0	471.30	16:9
2 x 8 x 0.072 x 0.224	28'-0"	25-3	23-3	6-17	B-07	10.0	30.00	20.00	10'0'	0.0	18'
2 x 9 x 0.072 x 0.224	30'-6"	27-6	Q-62	24-0	6-77	200	2000	24.00	20.00	20'5	19'-6'
The same of the sa	32'-3"	29-3	21-0	0-07	6-67	10 10 TO	36,00	351.04	24.75	27.50	22.9
2 x 9 x 0.082 x 0.306	27:50		241 64	29'-9"	28-3	11./6	A-C7	20-0	6-69	0.03	24
2x9x0082x0304 37:5 29:3 27:0 25:5 24:3 25:0 25:5 22:3 27:0 25:5 25:0 24:3 23:5 22:3 22:3 22:0 25:0 25:0 25:0 24:3 23:5 22:3 22:3 22:0 25:0 25:0 25:0 25:0 25:0 25:0 25:0	or SC	REEN	Enclos	ure Ca	arrier E	deams	- 120 n	nph. 3	sec. gi	st. Ex	Isod
2x10x0092x0.306 2x10x0092x0.374 Allowable Spans F	or SC	REEN	Enclos	ure Ca	Tributar	geams y Load W	- 120 r	nph. 3	sec, gi	ISL EX	post
2x 9x 0.082 x 0.306 2x 10 x 0.092 x 0.374 Allowable Spans F	or SC	REEN	Enclos	ure Ca	Tributar	rier Beams - 1	- 120 r	nph. 3	sec. gi	st. Ex	SO-
2x9x0.082x0.306 2x10x0.092x0.374 Allowable Spans F	or SC	REEN	Enclos	ure Ca	Tributar 28'-0	Jeams y Load Wi	- 120 n	nph. 3	8ec. gi	46-0- EX	50.5
2 x 9 x 0 082 x 0 306 2 x 10 x 0 092 x 0 374 Allowable Spans F Single Self-Mating Beams 2 x 4 x 0 046 x 0 160 2 x 4 x 0 046 x 0 160	or SC	REEN REEN	Enclos	22'-0"	Inbutar 28'-0" 9'-0"	yLoad W	- 120 n	38'-0"	sec. gi	48'-0" Ex	50°-
2×9×0.082×0.306 2×10×0.092×0.374 Allowable Spans F Single Self-Mading Beans 2×4×0.046×0.100 2×3×0.006×0.110 2×3×0.006×0.110	18:-0" SC	REEN 9:0	18:49 10:33	22'-6"	Tributar 28'-0 7'-3' 10'-6'	yLoad W 30'-0" 7'-0" 8'-9"	- 120 n	38-0 8-0 9-3	42-0 6-3-0	46-0-0	50 S
2x9x0082x0306 2x10x0092x0374 2x10x0092x0374 Allowable Spans F Single Self-Mating Beams 2x4x0046x0100 2x4x0046x0110 2x5x0050x0116 2x6x0050x0110	100 Or SC	REEN 34-0	10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	22'-0" 7'-9" 9'-6" 11'-3" 12'-9"	10-6 12-0	Jeans 30 J	- 120 r	00-00 00-00 00-00 00-00 00-00 00-00 00-00 00-00 00-00	8ec. qi	48'-0" EX	900 500 100 100 100 100 100 100 100 100 1
2 x 10 x 10 82 x 0.306 2 x 10 x 0.092 x 0.374 Allowable Spans F Single Self-Mading Beams 2 x 4 x 0.048 x 0.100 2 x 8 x 0.095 x 0.120 2 x 7 x 0.055 x 0.120 2 x 7 x 0.055 x 0.120	18-0-1-18-0-18-0-18-0-18-0-18-0-18-0-18	REEN 34-0	Enclos	22 g. C.	17:-0 15:-0	Jeams Jeams Jeams Jeans	- 120 n	38-0 8-0 9-3-0 13-3-0	42-0 6-3-0 10-3-1	46-0" 6-0" 7-6-0" 12-6-0"	50 50 50 50 50 50 50 50 50 50 50 50 50 5
2x10x0.092x0.306 2x10x0.092x0.374 2x10x0.092x0.374 Allowable Spans F Single Self-Mating Beams 2x4x0.046x0.106 2x5x0.050x0.176 2x5x0.050x0.176 2x6x0.000x0.176 2x6x0.000x0.176 2x6x0.000x0.176 2x6x0.000x0.176	07 SC	REEN 44-0	Enclos 18-49 17-0	22'-0" 7'-0" 11'-3" 17'-6" 17'-6"	Tributar 17:3	Jeams 30-0 10-0 11-5 15-9	- 120 m	38-49 8-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	42-0 6-3 7-9 9-0 10-3	46-4-4-10-4-10-4-10-4-10-4-10-4-10-4-10-	90SU
2×9×0082×0396 2×10×0092×0374 2×10×0092×0374 Allowable Spans F Single Self-Mading Beams 2×4×0096×0100 2×5×0096×0100 2×5×0096×0120 2×7×0096×0120 2×7×0096×0120 2×8×0076×0120 2×8×0076×0120 2×8×0076×0120 2×8×0076×0120 2×8×0076×0120	222 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REEN 34-0-14-0-14-0-14-0-14-0-14-0-14-0-14-0-	18:49 18:49 18:49 18:49	22 4 C	71-3-0-17-6-17-6-17-6-17-6-17-6-17-6-17-6-17	30 - 40 - 61 - 61 - 61 - 61 - 61 - 61 - 61 - 6	120 n	38-49 8-60 13-60 14-60 14-60 14-60 14-60	\$ec. qi	48-4 9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9	905U
2×9×0.082×0.306 2×10×0.092×0.374 2×10×0.092×0.374 Allowable Spans F Single Self-Mading Beans 2×4×0.046×0.100 2×3×0.066×0.110 2×3×0.066×0.1120 2×17×0.065×0.1120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×17×0.065×0.0120 2×10×0.062×0.0306 2×10×0.062×0.0306	22 22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	REEN 34-4-	Enclos	22 4 7'-9' 11'-5-9'-6' 11'-5-9'-6' 11'-5-9'-6'	3rrier E 77-3-7-18-0-18-0-18-0-18-0-18-0-18-0-18-0-18	Beams 10 0 16 9 16 9	120 n	1000 000 000 000 000 000 000 000 000 00	42.0 6.3 7.0 10.4 11.0 11.0	48-0 6-0 7-0 10-0 13-0 13-0 17-0	50 POSE
2×9×0.082×0.306 2×10×0.092×0.374 Allowable Spans F Allowable Spans F Single Self-Mating Beams 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.176 2×6×0.050×0.050 2×6×6×6×6×6×6×6×6 2×6×6×6×6×6×6 2×6×6×6×6×6 2×6×6×6×6×6 2×6×6×6×6×6 2×6×6×6×6 2×6×6×6×6 2×6×6×6×6 2×6×6 2×6 2	222220 6 14 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	REEN 34-0-14-0-14-0-14-0-14-0-14-0-14-0-14-0-	Enclos	22 4 2 2 4 2 11-5-5 11-5-5 18-6-5 11-5-5 18-6-5 18-	Tributar 10-8-0-17-6-17-6-17-6-17-6-17-6-17-6-17-6-17	Jeams Jeams Jeams Jeans	120 n	100 St. 20 St. 2	42 - 42 - 42 - 42 - 42 - 42 - 42 - 42 -	48-49 10-0 11-0 11-0 11-0 11-0 11-0 11-0 11-	DOSU(6
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Thomas E. Beitelman, PE

Florida PE #51870, SI #2060

2625 E. Purk Ave., Unit 4303, Tallahassee, FL 32301
(321) 543-6750 - beitelman@gmail.com

