

DATE 04/12/2006

Columbia County Building Permit

PERMIT  
000024381

This Permit Expires One Year From the Date of Issue

APPLICANT VINCE RICHARDSON PHONE 755-5779

ADDRESS 696 SW ARLINGTON BLVD LAKE CITY FL 32025

OWNER DAWN & RICHARD MADDEN PHONE 386-755-2193

ADDRESS 126 SW WILSHIRE DR LAKE CITY FL 32025

CONTRACTOR VINCE RICHARDSON PHONE 755-5779

LOCATION OF PROPERTY C-247, TO CALLOWAY S/D, 2ND STREET TO RIGHT, L AT DEAD END, HOUSE ON SW CORNER

TYPE DEVELOPMENT SCREEN ROOM ESTIMATED COST OF CONSTRUCTION 5114.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES

FOUNDATION WALLS SCREEN ROOF PITCH FLOOR

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 1 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 15-4S-16-03023-377 SUBDIVISION CALLOWAY

LOT 77 BLOCK PHASE 3 UNIT 0 TOTAL ACRES 0.59

5129 VINCE RICHARDSON

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

EXISTING X06-0117 BK JH N

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

Check # or Cash 1928

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic date/app. by date/app. by date/app. by

Under slab rough-in plumbing Slab Sheathing/Nailing date/app. by date/app. by date/app. by

Framing Rough-in plumbing above slab and below wood floor date/app. by date/app. by

Electrical rough-in Heat & Air Duct Peri. beam (Lintel) date/app. by date/app. by date/app. by

Permanent power C.O. Final Culvert date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing Pool date/app. by date/app. by

Reconnection Pump pole Utility Pole date/app. by date/app. by date/app. by

M/H Pole Travel Trailer Re-roof date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 30.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00

MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 80.00

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

## Columbia County Building Permit Application

ck 1928

Revised 9-23-04

For Office Use Only

Application #

0004-07

Date Received

4/4/06

By

Permit #

24381

Application Approved by - Zoning Official

BLK

Date

05.04.06

Plans Examiner

OKJTH

Date

4-4-06

Flood Zone

A p plat

Development Permit

N/A

Zoning

RSF-2

Land Use Plan Map Category

Res. Low Dev.

Comments

Applicants Name

Richardson ALUMINUM. LLC

Phone

386-755-5779

Address

692 S.W. Arlington Blvd. LAKE City, FL 32025

Owners Name

Dawn + Richard madden

Phone

386-755-2193

911 Address

126

Willshire drive

Lake City

Fla. 320

Contractors Name

Richardson ALUMINUM LLC

Phone

386-755-5779

Address

692 S.W. Arlington Blvd LAKE City, FL 32025

Fee Simple Owner Name &amp; Address

Bonding Co. Name &amp; Address

Architect/Engineer Name &amp; Address

LAURENCE KENNEDY P.E.

Mortgage Lenders Name &amp; Address

CASH

Circle the correct power company - FL Power &amp; Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number

15-4S-16-03023-377

Estimated Cost of Construction

5,113.75

Subdivision Name

Calloway

Lot

17

Block

Unit

Phase 3

Driving Directions

247 South to Calloway Sub. Turn 2nd street for right

Turn D at dead End house on S.W. Corner. 126 Willshire Dr.

Type of Construction

Screen Room

Number of Existing Dwellings on Property

1

Total Acreage

.59

Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front

97

Side

40

Side

64

Rear

104

Total Building Height

8'

Number of Stories

1

Heated Floor Area

0

Roof Pitch

1/2"

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 4th day of April 2006.

Personally known X or Produced Identification

Contractor Signature

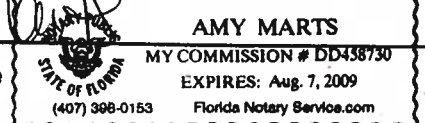
Contractors License Number

Competency Card Number

5129

NOTARY STAMP/SEAL

Notary Signature



## NOTICE OF COMMENCEMENT

PERMIT NUMBER: \_\_\_\_\_

STATE OF: FLORIDA COUNTY OF: Columbia CITY OF: LAKE CITY

THE UNDERSIGNED HEREBY gives notice that improvement(s) will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

### DESCRIPTION OF PROPERTY

LOT: 77 BLOCK: \_\_\_\_\_ SECTION: \_\_\_\_\_ TOWNSHIP: \_\_\_\_\_ RANGE: \_\_\_\_\_

TAX PARCEL NUMBER: 15-49-16-03023-377

SUBDIVISION: Canaway PLATBOOK: \_\_\_\_\_ MAP PAGE: \_\_\_\_\_

STREET ADDRESS: 126 SW WILSHIRE DR

### GENERAL DESCRIPTION OF IMPROVEMENTS

TO CONSTRUCT: Screen Enclosure

### OWNER INFORMATION

OWNER NAME: RICHARD + DAWN MADDEN

ADDRESS: 126 SW WILSHIRE DR PHONE NUMBER: 755-2193

CITY: LAKE CITY STATE: FL ZIP CODE: 32024

INTEREST IN PROPERTY: \_\_\_\_\_

FEE SIMPLE TITLEHOLDER NAME: \_\_\_\_\_

FEE SIMPLE TITLEHOLDER ADDRESS: \_\_\_\_\_

(if other than owner)

CONTRACTOR NAME: Richardson Aluminum L.L.C

ADDRESS: 692 S.W. Arlington Blvd PHONE NUMBER: 386-755-5779

CITY: Lake City STATE: Fla. ZIP CODE: 32025

BONDING COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

LENDER NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., Florida Statutes:

NAME: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

In addition to himself, Owner designates \_\_\_\_\_ of \_\_\_\_\_ to receive a copy of Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

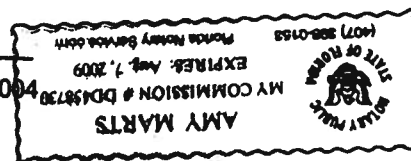
Expiration date is one (1) year from date of recording unless a different date is specified.

SIGNATURE OF OWNER: Dawn Madden

SWORN to and subscribed before me this 4th day of April, A.D. 2004

Notary Public: [Signature]

My commission Expires: August 7, 2009



Inst: 2006008902 Date: 04/12/2006 Time: 09:30  
7 DC, P. Dewitt Cason, Columbia County B: 1080 P: 874

January 01, 2006

LAWRENCE E. BENNETT, P.E.  
P.O. BOX 214368  
SOUTH DAYTONA, FL 32121  
386-767-4774

TO ALL BUILDING DEPARTMENTS

Re: Master File Engineering  
"ALUMINUM STRUCTURES DESIGN MANUAL"  
2004 edition & 2006 edition

Dear Building Official/Plans Examiner,

This is to certify that the following contractor/company is hereby authorized to use my 2004 ed "ALUMINUM STRUCTURES DESIGN MANUAL" during the year 2006. When we publish and distribute the 2006 ed of the "ALUMINUM STRUCTURES DESIGN MANUAL", they will be authorized to use that manual for the remainder of 2006.

Our authorization is based on a January to January basis regardless of the edition of the manual. This authorization also applies to contractor master file drawings, "ONE PERMIT ONLY" drawings or any "site specific" drawings that I may furnish the contractor.

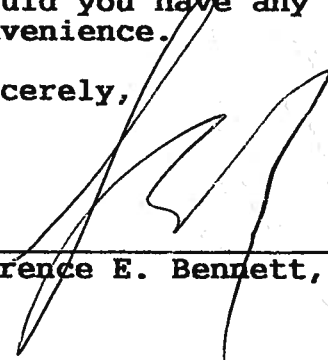
Vince Richardson

Richardson Aluminum LLC  
692 SW Arlington Blvd  
Lake City, FL 32025

They are hereby added to my 2006 MASTERFILE LIST

Should you have any questions please contact me at your convenience.

Sincerely,



---

Lawrence E. Bennett, P.E. #16644

15-4S-16-03023-377

LOT 77 CALLAWAY S/D PHASE 3. MADDEN RICHARD W & DAWN L 15-4S-16-03023-377 Columbia Cou  
WD 1012-435, WD 1029-914. 126 SW WILSHIRE DR

LAKE CITY

FL 32024

PRINTED 3/07/2006 9:34  
APPR 9/30/2004 HC

USE 000100 SINGLE FAM	AE? Y	1879 HTD AREA	136.858 INDEX	15416.00 NBHD	PROP USE 000
MOD 1 SFR	BATH	2.00	2253 EFF AREA	61.586 E-RATE	100.000 INDX
EXW 16 WD FR STUC	FIXT	138753 RCN	2004 AYB	MKT AREA 06	
% 0000000000	BDRM	3	98.50 %GOOD	136,671 B BLDG VAL	2004 EYB
RSTR 08 IRREGULAR	RMS				(PUD1
RCVR 03 COMP SHNGL	UNTS				AC .590
% N/A	C-W%				NTCD
INT 05 DRYWALL	HGHT				APPR CD
% N/A	PMTR				CNDO
FLR 14 CARPET	STYS	1.0			SUBD
30% 15 HARDTILE	ECON				BLK
HTTP 04 AIR DUCTED	FUNC				LOT
A/C 03 CENTRAL	SPCD				MAP# 46-A
QUAL 04 ABOVE AVG.	DEPR 52				HX
FNDN N/A	UD-1	N/A			TXDT 003
SIZE 04 IRREGULAR	UD-2	N/A			
CEIL N/A	UD-3	N/A			
ARCH N/A	UD-4	N/A			
FRME 02 WOOD FRAME	UD-5	N/A			
KTCH N/A	UD-6	N/A			
WNDO N/A	UD-7	N/A			
CLAS N/A	UD-8	N/A			
OCC N/A	UD-9	N/A			
COND N/A	%	N/A			
SUB A-AREA % E-AREA	SUB VALUE				
BAS04 1879 100 1879	113984				
FOP04 252 30 76	4610				
FGR04 542 55 298	18077				

TOTAL 2673 2253 136671

-----EXTRA FEATURES----- FIELD CK:  
AE BN CODE DESC LEN WID HGHT QTY QL YR ADJ UNITS UT PRICE ADJ UT PR SPCD %  
Y 0166 CONC, PAVMT 1 2004 1.00 1404.000 SF 2.000 2.000 1

LAND DESC ZONE ROAD {UD1 {UD3 FRONT DEPTH FIELD CK:  
AE CODE TOPO UTIL {UD2 {UD4 BACK DT ADJUSTMENTS UNITS UT PRICE ADJ UT P  
Y 000100 SFR RSF-1 0007 1.00 1.00 1.00 1.00 1.000 LT 34000.000 34000.1  
0002 0003

2006

Prepared by:  
Elaine R. Davis  
American Title Services of Lake City, Inc.  
330 SW Main Boulevard  
Lake City, Florida 32025

File Number: 04-264

Inst: 2004024295 Date: 10/29/2004 Time: 09:37  
Doc Stamp-Deed : 1435.00  
YMK DC, P. DeWitt Cason, Columbia County B: 1029 P: 914

## General Warranty Deed

Made this October 29, 2004 A.D. By **Rennie G. Thomas**, hereinafter called the grantor, to

**Richard W. Madden and Dawn L. Madden, husband and wife**, whose post office address is: 126 SW Wilshire Drive, Lake City, Florida 32024, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth**, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 77, of Callaway Phase Three, a subdivision, according to the Plat thereof, as recorded in Plat Book 7, at Pages 145-146, of the Public Records of Columbia County, Florida

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: 03023-099 (2004) 03023-377 (2005)

**Together** with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

**To Have and to Hold**, the same in fee simple forever.

**And** the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2004.

**In Witness Whereof**, the said grantor has signed and sealed these presents the day and year first above written.

*Signed, sealed and delivered in our presence:*

*Elaine R. Davis*

*Rennie G. Thomas* (Seal)

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*Signed, sealed and delivered in our presence:*

Elaine R. Davis

Witness Printed Name ELAINE R. DAVIS

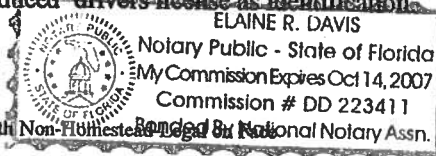
Rennie G. Thomas (Seal)  
Rennie G. Thomas

Johnny M. Hamm

Witness Printed Name Johnny M. Hamm

State of Florida  
County of Columbia

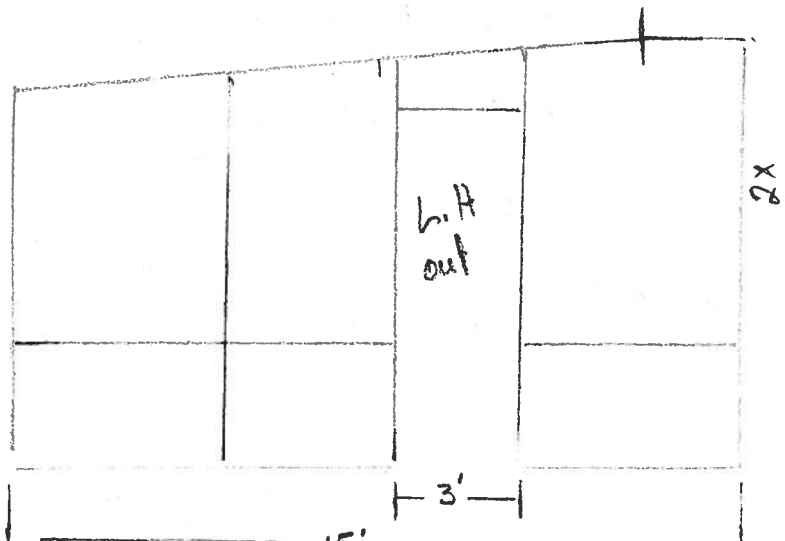
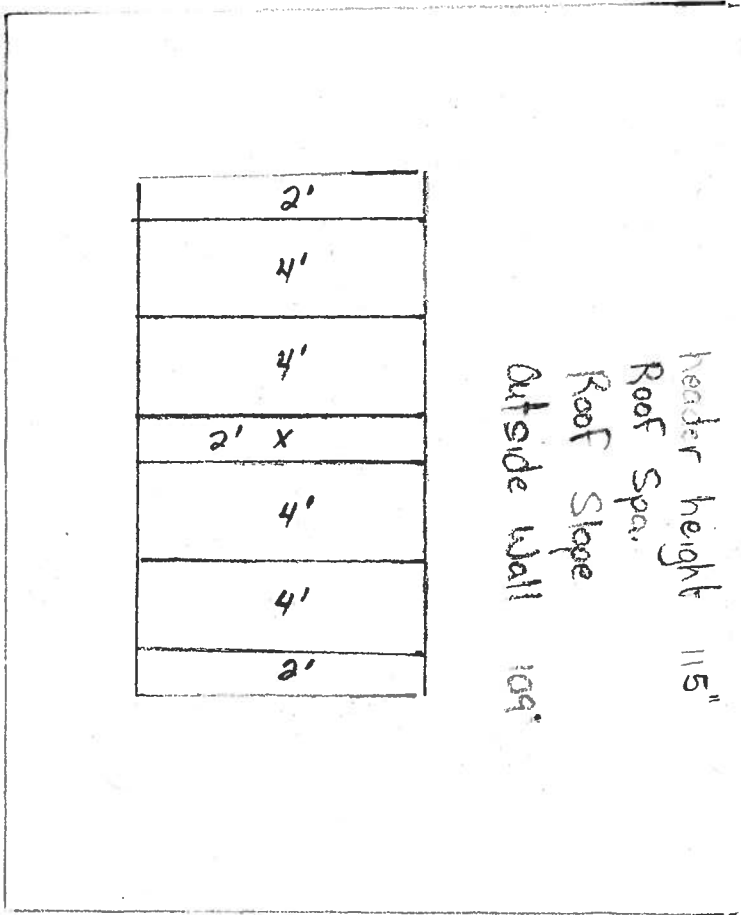
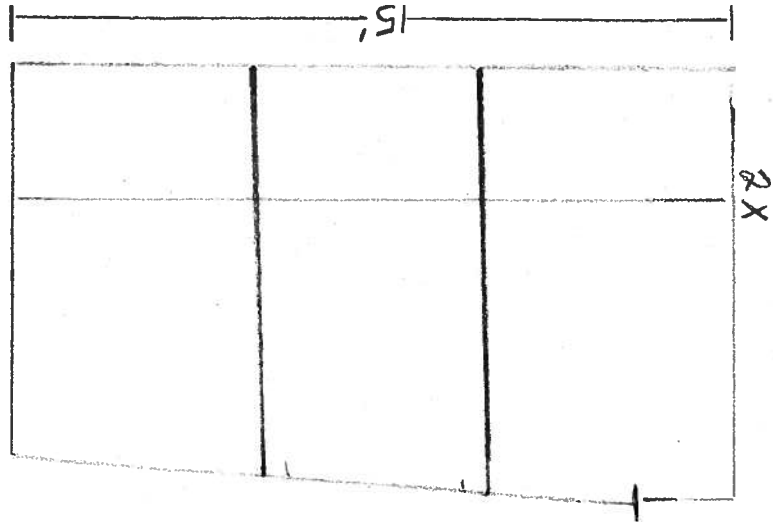
The foregoing instrument was acknowledged before me this 29th day of October, 2004, by Rennie G. Thomas, who is/are personally known to me or who has produced ~~drivers license as identification~~



Elaine R. Davis  
Notary Public  
Print Name: ELAINE R. DAVIS

# Richardson Aluminum L.L.C

## Madden Job

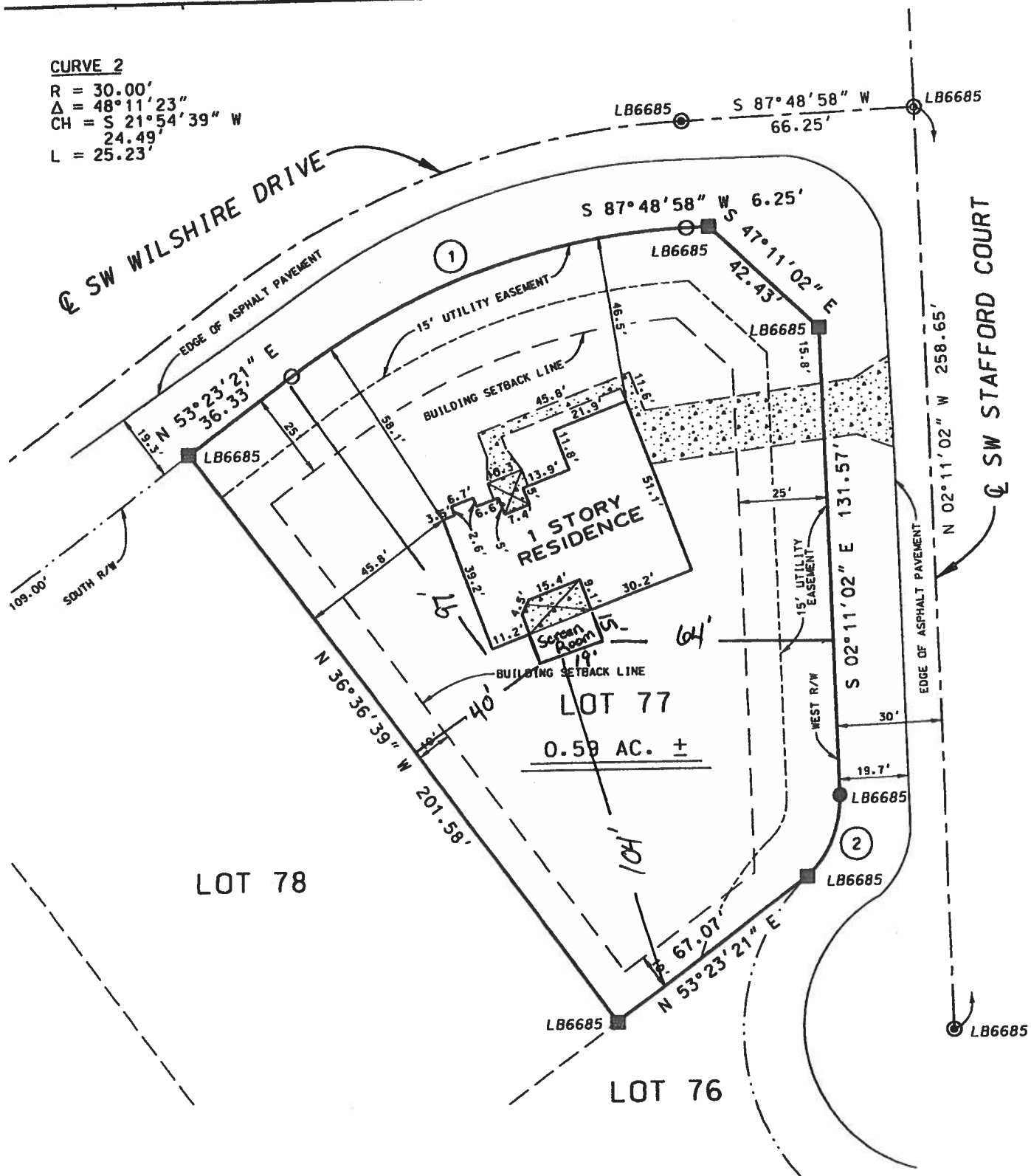


15' x 15' x 10' high



# CURVE 2

R = 30.00'  
 $\Delta = 48^{\circ}11'23''$   
 CH = S  $21^{\circ}54'39''$  W  
 24.49'  
 L = 25.23'



THE CENTERLINE OF SW STAFFORD COURT, BEING N 01°11'02" W.

IN FLOOD ZONE "X", AN AREA OUTSIDE OF THE 500-YEAR FLOOD PLAIN  
 SITE MAP COMMUNITY PANEL NO. 120070 0175 B. LAST REVISION DATE  
 3D ZONE LINES, IF ANY, ARE SCALED FROM FLOOD INSURANCE RATE MAPS.

TERIOR IMPROVEMENTS AND IMPROVEMENTS PERTINENT TO THE SUBJECT  
 CATED AS SHOWN HEREON. EXCEPTION IS MADE HEREON TO UNDERGROUND  
 IMPROVEMENTS NOT VISIBLE OR KNOWN AT DATE OF SURVEY.

RED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE,  
 IN REGARDING EASEMENTS, RESERVATIONS AND RESTRICTIONS OF RECORD NOT  
 F.

),000.

## **SECTION 3A**

# **SCREEN, ACRYLIC & VINYL ROOMS**

### **General Notes and Specifications:**

1. The following structures are designed to be married to block and wood frame structures of adequate structural capacity. The contractor / home owner shall verify that the host structure is in good condition and of sufficient strength to hold the proposed addition.
2. If there is a question about the host structure, the owner (at his own expense) shall hire an architect, engineer, or a certified home inspection company to verify host structure capacity.
3. The structures designed using this section shall be limited to a maximum projection of 16' from the host structure. Freestanding structures shall be limited to the maximum spans and size limits of component parts. Larger than these limits shall have site specific engineering.
4. The following rules apply to attachments involving mobile and manufactured homes:
  - a. Structures to be placed adjacent to a mobile / manufactured home built prior to 1994 shall use "fourth wall construction" or shall provide detailed plans of the mobile / manufactured home and inspection report along with addition plans for site specific review and seal by the engineer. This applies to all screen / glass rooms and / or structures to be attached.
  - b. "Fourth wall construction" means the addition shall be free standing with only the roof flashing of the two units being attached. The most common "fourth wall construction" is a post & beam frame adjacent to the mobile / manufactured home. The same span tables can be used as for the front wall beam. For fourth wall beam use the carrier beam table. The post shall be sized according to this manual and/or as a minimum be a 2" x 3" x 0.050" with an 18" x 2" x 0.044" knee brace at each end of the beam.
  - c. For mobile / manufactured homes built after 1994, structures may be attached, provided the project follows the plan provided in this manual. The contractor / owner shall provide verification that the structural system of the host structure is adequate for the addition to be attached.
  - d. If the mobile / manufactured home manufacturer certifies in writing that the mobile home may be attached to, then a "fourth wall" is NOT required.
5. Section 7 contains span tables and the attachment details for pans and composite panels.
6. Screen walls between existing walls, floors, and ceilings are considered infills and shall be allowed and heights shall be selected from the same tables as for other screen walls.
7. When using TEK screws in lieu of S.M.S., longer screws must be used to compensated for drill head.
8. For high velocity hurricane zones the minimum live load / applied load shall be 30 PSF.
9. All specified anchors are based on an enclosed building with a 16' projection and a 2' over hang for up to a wind velocity of 120 MPH.
10. Spans may be interpolated between values but not extrapolated outside values.
11. For Design Check List and Inspection Guides for Sreen, Acrylic & Vinyl Rooms, see Appendix (Section 10).
12. When notes refer to screen rooms, they shall apply to acrylic / vinyl rooms also.

## Section 3A Design Statement:

The structures designed for Section 3A are solid roofs with screen or vinyl walls and are considered part of an open structural system which is designed to be married to an existing structure.

The design wind loads used for screen & vinyl rooms are from Chapter 20 of the 2004 Florida Building Code. The loads assume a mean roof height of less than 30'; roof slope of 0° to 20°;  $I = 0.77$ . All loads are based on 20 / 20 screen or larger. All pressures shown in the below table are in PSF (#/SF). Negative internal pressure coefficient is 0.00 for open structures.

Anchors for composite panel roof systems were computed on a load width of 10' and 16' projection with a 2' overhang. Any greater load width shall be site specific.

## General Notes and Specifications for Section 3A Tables:

### Section 3A Design Loads for Screen, Acrylic & Vinyl Rooms

	Roof	Wall	Over Hang All Roofs
100 MPH	+10 / -10	9	+20 / -30
110 MPH	+10 / -11	11	+20 / -36
120 MPH	+10 / -13	13	+20 / -43
123 MPH	+10 / -14	14	+20 / -45
130 MPH	+10 / -15	15	+20 / -50
140A MPH	+30 / -17	18	+30 / -58
140B MPH	+30 / -18	18	+30 / -58
150 MPH	+30 / -20	20	+30 / -67

**Note 1:** Framing systems of screen, vinyl, and glass rooms are considered to be main frame resistance components. Wind loads are listed as minus loads for roofs and plus loads for walls. To convert above wind loads to "C" Exposure loads multiply by 1.4.

### Conversion Table 3A-A

#### Wind Zone Conversions for Screen & Vinyl Rooms

From 120 MPH Wind Zone to Others

Wind Zone MPH	Roofs			Walls		
	Applied Load (#/SF)	Deflection (d)	Bending (b)	Applied Load (#/SF)	Deflection (d)	Bending (b)
100	10	1.09	1.14	10	1.12	1.18
110	11	1.06	1.09	11	1.08	1.13
120	13	1.00	1.00	14	1.00	1.00
123	14	0.98	0.96	15	0.98	0.97
130	15	0.95	0.93	16	0.96	0.94
140A	17	0.91	0.87	18	0.92	0.88
140B	18	0.90	0.85	18	0.92	0.88
150	30	0.76	0.66	21	0.87	0.82

### Conversion Table 3A-B

#### Wind Zone Conversions for Over Hangs All Room Types

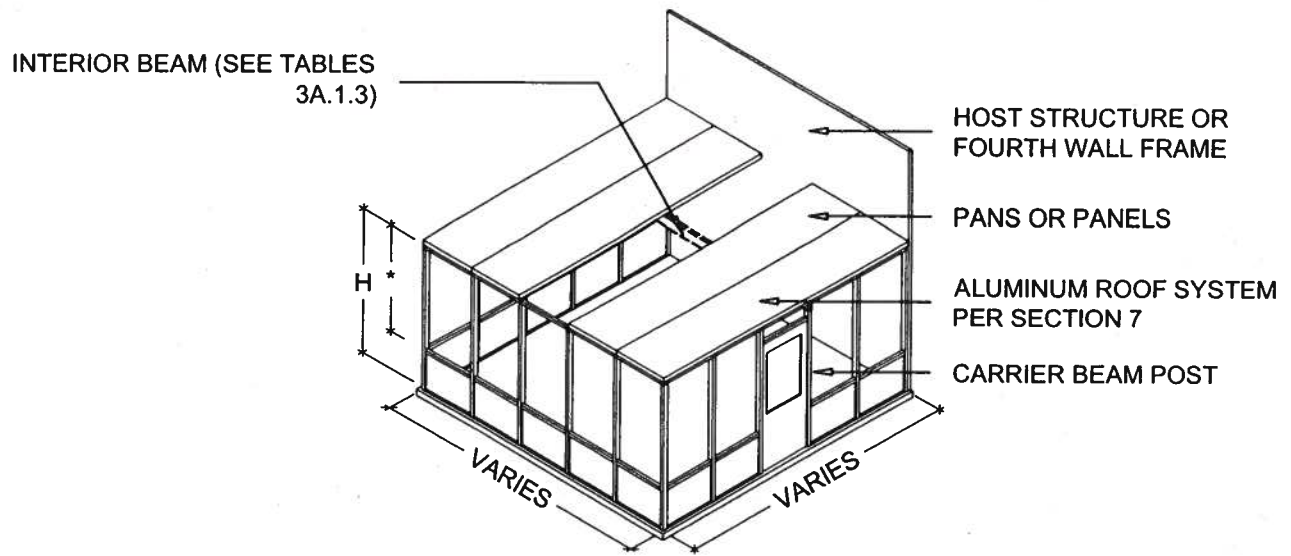
From 120 MPH Wind Zone to Others

Wind Zone MPH	Applied Load (#/SF)	Deflection (d)	Bending (b)
100	30	1.13	1.20
110	36	1.06	1.09
120	43	1.00	1.00
123	45	0.98	0.98
130	50	0.95	0.93
140A	58	0.91	0.86
140B	58	0.91	0.86
150	67	0.86	0.80

### Conversion Table 3A-C

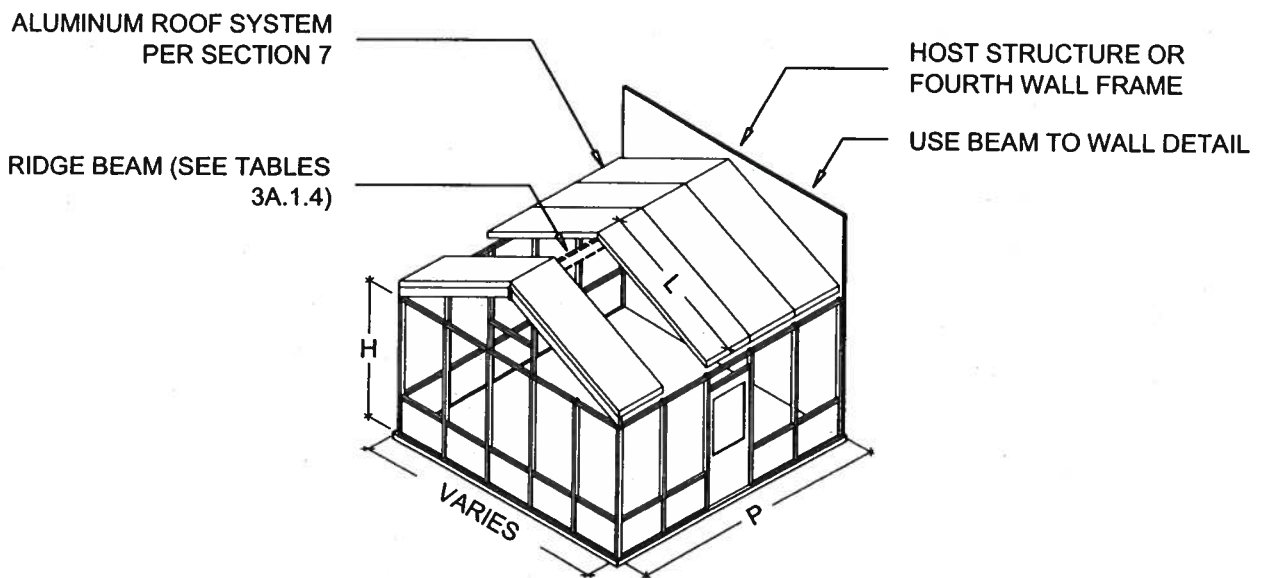
#### Conversion Based on Mean Height of Host Structure for Screen Rooms From Exposure 'B' to 'C'

Mean Host Structure Height	Load Multiplier	Span Multiplier	
		Pans	Composite Panels
0 - 15'	1.21	0.94	0.91
15' - 20'	1.29	0.92	0.88
20' - 25'	1.34	0.91	0.86
25' - 30'	1.40	0.89	0.85



**TYPICAL SLOPED SOLID ROOF ENCLOSURE**

SCALE: N.T.S.



**TYPICAL GABLE SOLID ROOF ENCLOSURE**

SCALE: N.T.S.

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

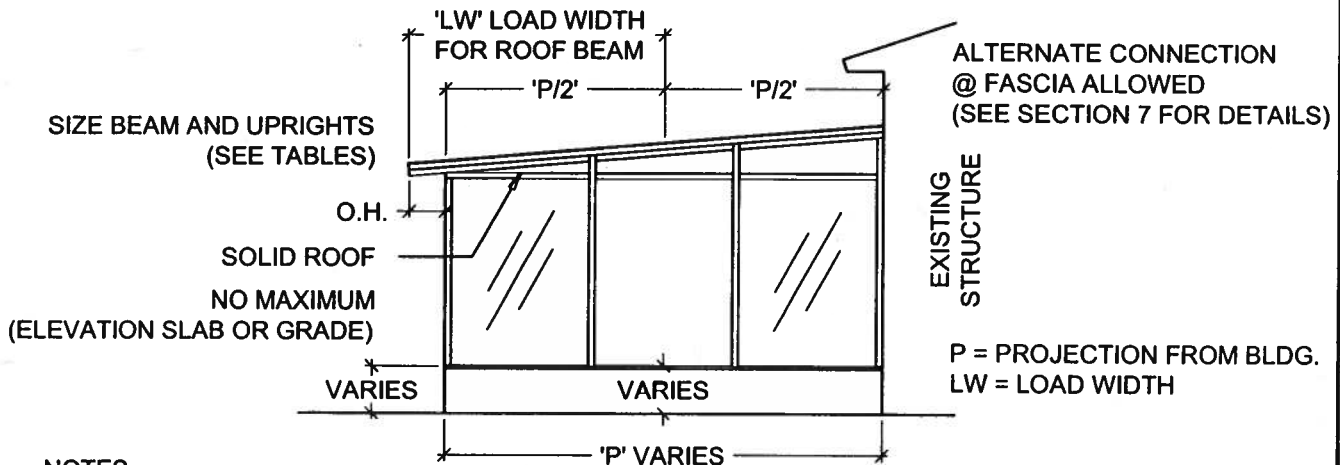
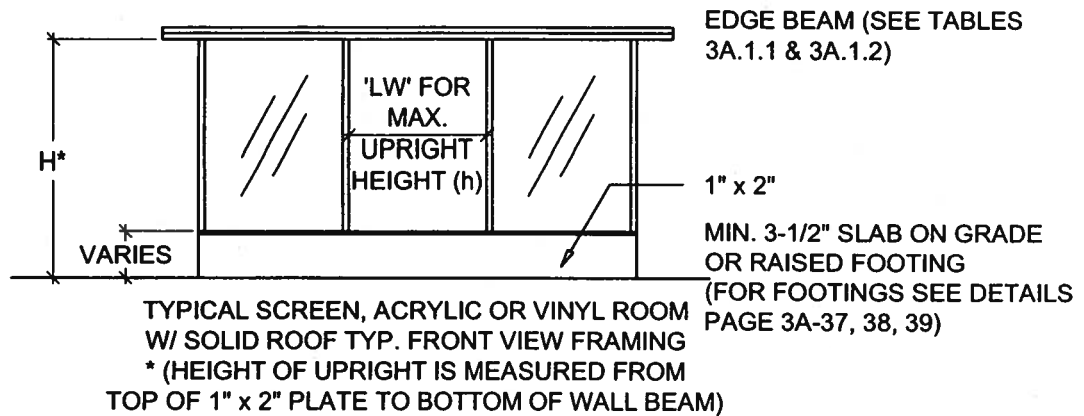
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# SECTION 3A

# SCREEN, ACRYLIC & VINYL ROOMS



## NOTES:

1. ANCHOR 1" x 2" OPEN BACK EXTRUSION W/ 1/4" x 2-1/4" CONCRETE FASTENER MAX. OF 2'-0" O.C. AND W/ IN 6" EACH SIDE OF UPRIGHT ANCHOR 1" x 2" TO WOOD WALL W/ #10 x 2-1/2" S.M.S. W/ WASHERS OR #10 x 2-1/2" WASHER HEADED SCREW 2'-0" O.C.. ANCHOR BEAM AND COLUMN INTERNALLY OR W/ ANCHOR CLIPS AND (2) #8 SCREWS W/ WASHERS @ EACH POINT OF CONNECTION.
2. SELECT FRONT WALL BEAM FROM TABLE USING LARGER LOAD WIDTH VALUE OF P/2 OR P/2 + O.H.
3. SELECT SCREEN ROOM FORTH WALL BEAM FROM TABLES 3A.1.3
4. ANCHORS BASED ON 120 MPH WIND VELOCITY. FOR HIGHER WIND ZONES USE THE FOLLOWING CONVERSION:

100 -123	130	140	150
#8	#10	#12	#12

## TYPICAL SCREEN ROOM

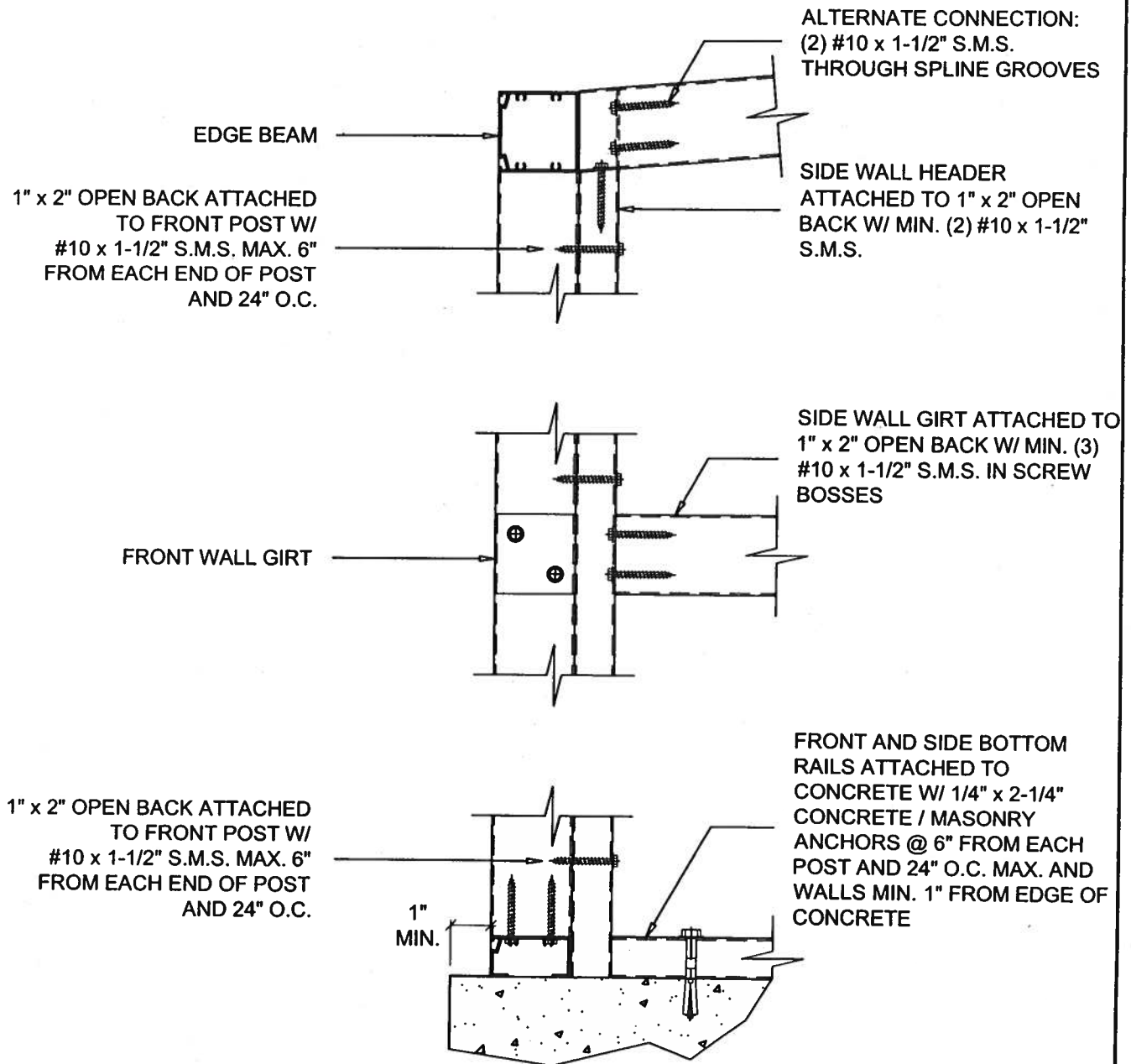
SCALE: 3/16" = 1'-0"

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# SECTION 3A

# SCREEN, ACRYLIC & VINYL ROOMS



## TYPICAL & ALTERNATE CORNER DETAIL

SCALE: 3" = 1'-0"

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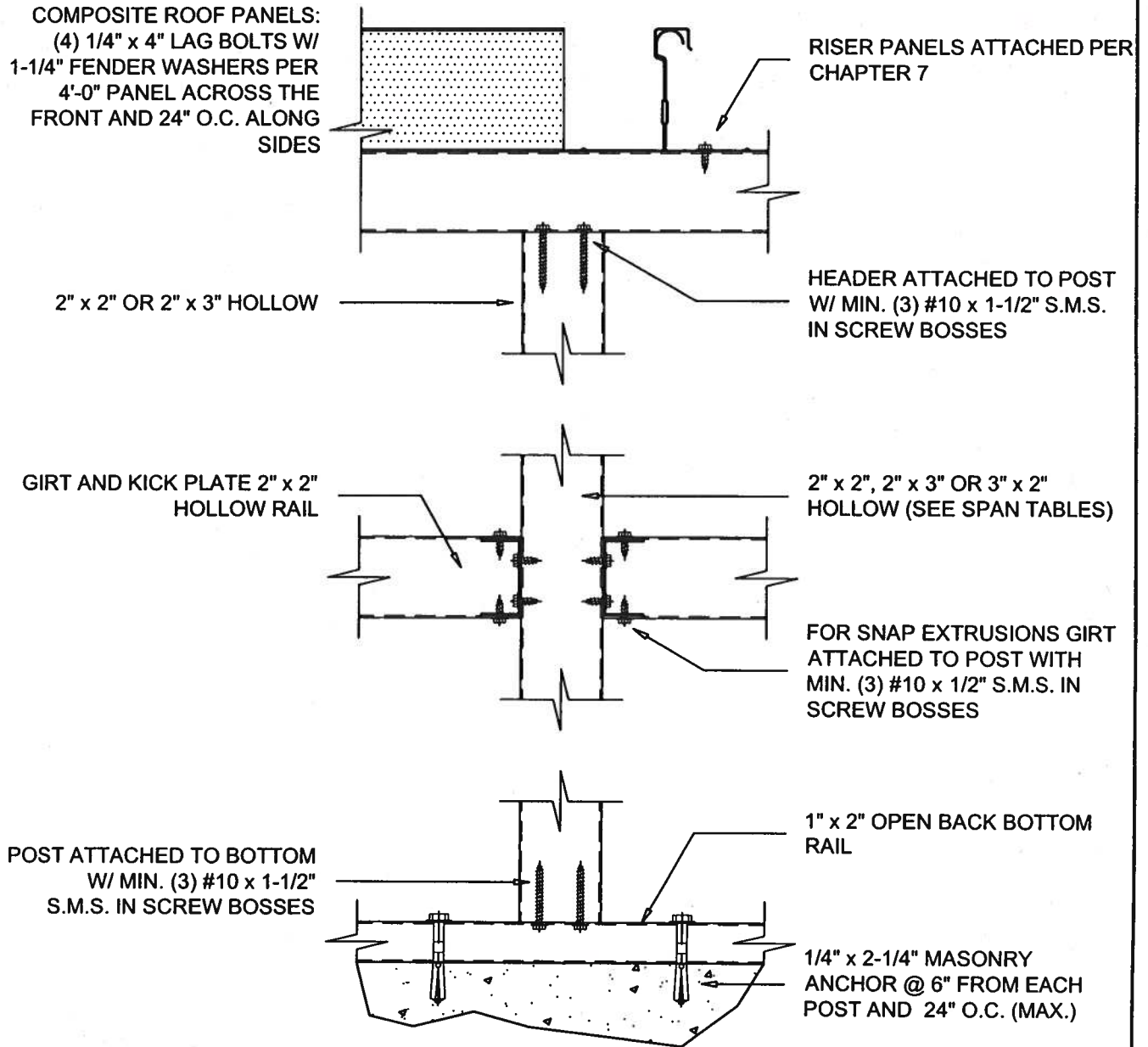
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PAGE

3A-6

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**TYPICAL UPRIGHT DETAIL**

SCALE: 3" = 1'-0"

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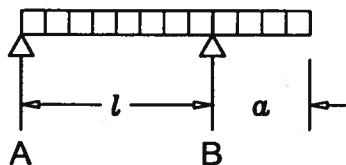
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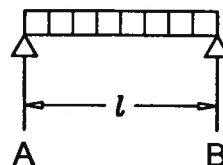
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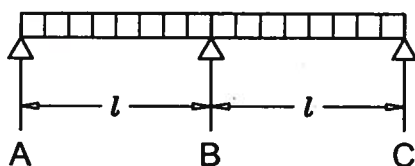
UNIFORM LOAD

**SINGLE SPAN CANTILEVER**

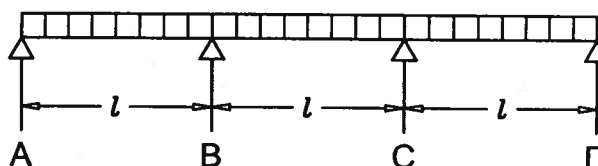
UNIFORM LOAD

**1 OR SINGLE SPAN**

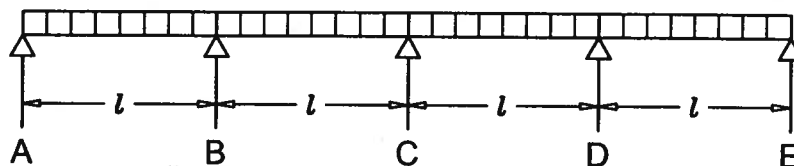
UNIFORM LOAD

**2 SPAN**

UNIFORM LOAD

**3 SPAN**

UNIFORM LOAD

**4 SPAN****NOTES:**1)  $l$  = Span Length $a$  = Overhang Length

2) All spans listed in the tables are for equally spaced distances between supports or anchor points.

3) Hollow extrusions shall not be spliced.

4) Single span beams shall only be spliced at the quarter points and splices shall be staggered.

**SPAN EXAMPLES FOR SECTION 3 TABLES**

SCALE: N.T.S.

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# SECTION 3A

# SCREEN, ACRYLIC & VINYL ROOMS

**Table 3A.2.1 Allowable Upright Heights, Chair Rail Spans or Header Spans  
for Screen, Acrylic or Vinyl Rooms**

Aluminum Alloy 6063 T-6

For 3 second wind gust at 110 MPH velocity; using design load of 11 #/SF

Sections	Tributary Load Width 'W' = Purlin Spacing									
	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"
	Allowable Height 'H' / bending 'b' or deflection 'd'									
2" x 2" x 0.044" Hollow	9'-5" b	8'-9" b	8'-2" b	7'-8" b	7'-4" b	6'-11" b	6'-8" b	6'-5" b	6'-2" b	5'-11" b
2" x 2" x 0.055" Hollow	10'-3" b	9'-6" b	8'-11" b	8'-5" b	7'-11" b	7'-7" b	7'-3" b	6'-11" b	6'-9" b	6'-6" b
3" x 2" x 0.045" Hollow	11'-3" b	10'-5" b	9'-9" b	9'-3" b	8'-9" b	8'-4" b	7'-11" b	7'-8" b	7'-5" b	7'-2" b
3" x 2" x 0.070" Hollow	12'-9" d	12'-2" d	11'-7" d	10'-11" b	10'-5" b	9'-11" b	9'-6" b	9'-2" b	8'-10" b	8'-6" b
2" x 3" x 0.045" Hollow	12'-9" b	11'-9" b	11'-0" b	10'-5" b	9'-10" b	9'-5" b	8'-11" b	8'-8" b	8'-4" b	8'-1" b
2" x 4" x 0.050" Hollow	16'-3" b	15'-1" b	14'-1" b	13'-3" b	12'-7" b	12'-0" b	11'-6" b	11'-0" b	10'-8" b	10'-3" b
2" x 4" x 0.046" S.M.B.	19'-1" b	17'-8" b	16'-6" b	15'-7" b	14'-9" b	14'-1" b	13'-6" b	12'-11" b	12'-6" b	12'-1" b
2" x 5" x 0.050" S.M.B.	23'-7" b	21'-10" b	20'-5" b	19'-3" b	18'-3" b	17'-5" b	16'-8" b	16'-0" b	15'-5" b	14'-11" b
2" x 6" x 0.050" S.M.B.	26'-1" b	24'-2" b	22'-7" b	21'-3" b	20'-2" b	19'-3" b	18'-5" b	17'-9" b	17'-1" b	16'-6" b
2" x 2" x 0.044" Snap	11'-3" b	10'-5" b	9'-9" b	9'-2" b	8'-8" b	8'-3" b	7'-11" b	7'-7" b	7'-4" b	7'-1" b
2" x 3" x 0.045" Snap	14'-4" b	13'-4" b	12'-5" b	11'-9" b	11'-2" b	10'-7" b	10'-2" b	9'-9" b	9'-5" b	9'-1" b
2" x 4" x 0.045" Snap	17'-7" b	16'-3" b	15'-3" b	14'-4" b	13'-7" b	12'-11" b	12'-5" b	11'-11" b	11'-6" b	11'-1" b

For 3 second wind gust at 120 MPH velocity; using design load of 13 #/SF

Sections	Tributary Load Width 'W' = Purlin Spacing									
	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"
	Allowable Height 'H' / bending 'b' or deflection 'd'									
2" x 2" x 0.044" Hollow	8'-8" b	8'-0" b	7'-6" b	7'-1" b	6'-8" b	6'-5" b	6'-1" b	5'-11" b	5'-8" b	5'-6" b
2" x 2" x 0.055" Hollow	9'-5" b	8'-9" b	8'-2" b	7'-9" b	7'-4" b	6'-11" b	6'-8" b	6'-5" b	6'-2" b	5'-11" b
3" x 2" x 0.045" Hollow	10'-5" b	9'-7" b	8'-11" b	8'-6" b	8'-0" b	7'-8" b	7'-4" b	7'-1" b	6'-10" b	6'-7" b
3" x 2" x 0.070" Hollow	12'-1" d	11'-5" b	10'-8" b	10'-1" b	9'-7" b	9'-2" b	8'-9" b	8'-5" b	8'-1" b	7'-10" b
2" x 3" x 0.045" Hollow	12'-10" b	11'-11" b	11'-2" b	10'-6" b	9'-11" b	9'-6" b	9'-1" b	8'-9" b	8'-5" b	8'-2" b
2" x 4" x 0.050" Hollow	14'-11" b	13'-10" b	12'-11" b	12'-2" b	11'-7" b	11'-0" b	10'-7" b	10'-2" b	9'-9" b	9'-5" b
2" x 4" x 0.046" S.M.B.	17'-6" b	16'-3" b	15'-2" b	14'-4" b	13'-7" b	12'-11" b	12'-5" b	11'-11" b	11'-6" b	11'-1" b
2" x 5" x 0.050" S.M.B.	21'-8" b	20'-1" b	18'-9" b	17'-9" b	16'-10" b	16'-0" b	15'-4" b	14'-9" b	14'-2" b	13'-9" b
2" x 6" x 0.050" S.M.B.	23'-11" b	22'-2" b	20'-9" b	19'-7" b	18'-7" b	17'-9" b	16'-11" b	16'-3" b	15'-8" b	15'-2" b
2" x 2" x 0.044" Snap	10'-4" b	9'-7" b	8'-11" b	8'-5" b	7'-11" b	7'-7" b	7'-4" b	7'-0" b	6'-9" b	6'-6" b
2" x 3" x 0.045" Snap	13'-3" b	12'-3" b	11'-5" b	10'-9" b	10'-3" b	9'-9" b	9'-4" b	8'-11" b	8'-8" b	8'-4" b
2" x 4" x 0.045" Snap	16'-2" b	14'-11" b	14'-0" b	13'-2" b	12'-6" b	11'-11" b	11'-5" b	10'-11" b	10'-7" b	10'-3" b

## Notes:

1. Above spans do not include length of knee brace. Add horizontal distance from upright to center of brace to beam connection to the above spans for total beam spans.
2. Spans may be interpolated.

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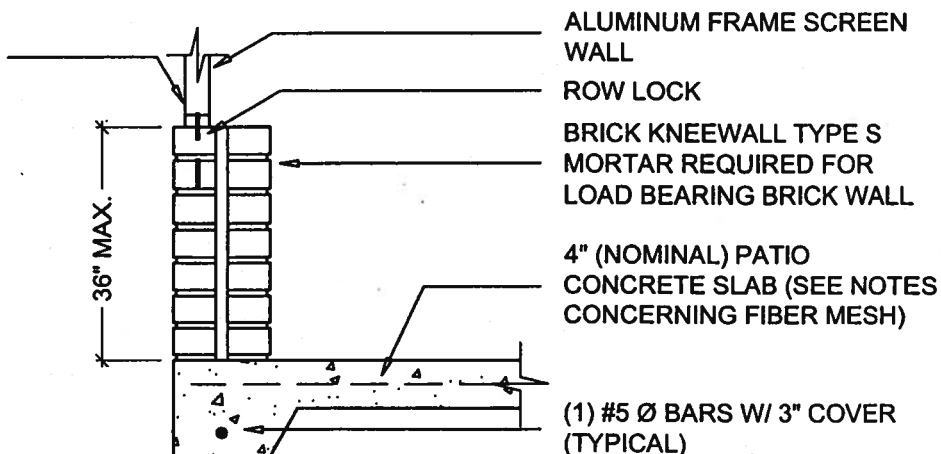
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# SECTION 3A

# SCREEN, ACRYLIC & VINYL ROOMS

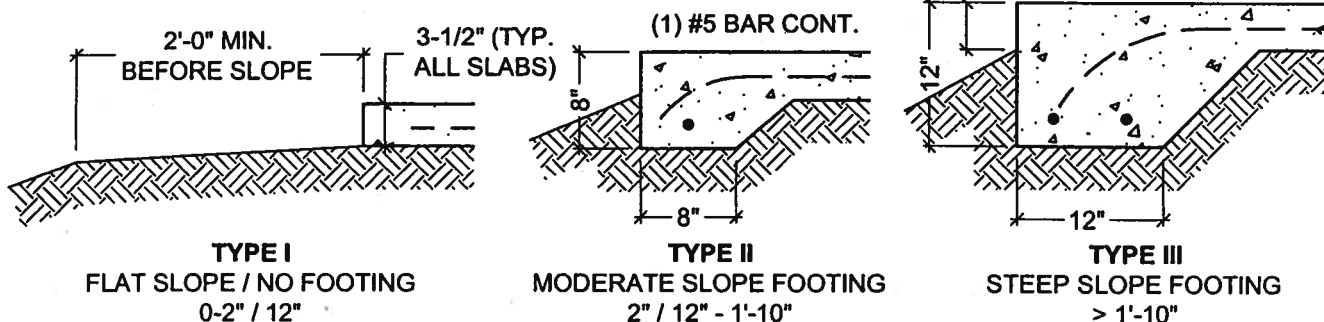
1/4" x 6" RAWL TAPPER  
THROUGH 1" x 2" AND ROW  
LOCK INTO FIRST COURSE OF  
BRICKS

ALTERNATE CONNECTION OF  
SCREENED ENCLOSURE FOR  
BRICK OR OTHER NON-  
STRUCTURAL KNEE WALL  
1" WIDE x 0.063" THICK STRAP  
@ EACH POST FROM POST TO  
FOOTING W/ (2) #10 x 3/4"  
S.M.S. STRAP TO POST AND  
(1) 1/4" x 1-3/4" TAPCON TO  
SLAB OR FOOTING



## BRICK KNEE WALL AND FOUNDATION FOR SCREEN WALLS

SCALE: 3/4" = 1'-0"



### Notes:

1. The foundations shown are based on a minimum soil bearing pressure of 1,500 psf. Bearing capacity of soil shall be verified, prior to placing the slab, by field soil test or a soil testing lab.
2. The slab / foundation shall be cleared of debris, roots, and compacted prior to placement of concrete.
3. No footing other than 3-1/2" (4" nominal) slab is required except when addressing erosion until the projection from the host structure of the carport or patio cover exceeds 20'-0". Then a minimum of a Type II footing is required. All slabs shall be 3-1/2" (4" nominal) thick.
4. Monolithic slabs and footings shall be minimum 2,500 psi concrete with 6 x 6 - 10 x 10 welded wire mesh or crack control fiber mesh: Fibermesh ® Mesh, InForce™ e3™ (Formerly Fibermesh MD) per manufacturer's specification may be used in lieu of wire mesh.
5. If local building codes require a minimum footing use Type II footing or footing section required by local code. Local code governs.  
(See additional detail for structures located in Orange County, FL)
6. If a carrier beam or fourth wall frame is required use a Type II footing minimum.

## SLAB-FOOTING DETAILS

SCALE: 3/4" = 1'-0"

- Existing

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## **SECTION 7**

# **SOLID ROOF PANEL PRODUCTS**

### **General Notes and Specifications:**

1. The following attachments are designed to be married to block and wood frame structures of adequate structural capacity. The contractor / home owner shall verify that the host structure is in good condition and of sufficient strength to hold the proposed addition.
2. If there is a question about the host structure, the owner (at his own expense) shall hire an architect, engineer, or a certified home inspection company to verify host structure capacity.
3. Roll formed roof panels (pans) are designed for uniform loads and can not be walked on unless plywood is laid across the ribs. Pans have been tested and perform better in wind uplift loads than dead load + live loads. Spans for pans are based on deflection of  $L/80$  for high wind zone criteria.
4. Composite panels can be loaded as walk on or uniform loads and have, when tested performed well in either test. The composite panel tables are based on bending properties determined at a deflection limit of  $L/180$ .
5. The following rules apply to attachments involving mobile and manufactured homes:
  - a. Structures to be placed adjacent to a mobile / manufactured home built prior to 1994 shall use "fourth wall construction" or shall provide detailed plans of the mobile / manufactured home along with addition plans for site specific review and seal by the engineer. This applies to all screen / glass rooms, and / or other structures to be attached.
  - b. For mobile / manufactured homes built after 1994, structures may be attached provided the project follows the plan for attachment of this manual. The contractor / home owner shall provide verification of the structural system used to build the host structure.
6. The shapes and capacities of pans and composite panels are from "Industry Standard" shapes, except for manufacturers proprietary shapes. Unless the manufacturer of the product is known, use the "Industry Standard" Tables for allowable spans.
7. When converting a screen room to a glass room or a carport to a garage, the roof must be checked and reinforced for the enclosed building requirements.
8. When using TEK screws in lieu of S.M.S. longer screws must be used to compensate for drill head.
9. For high velocity hurricane zones the minimum live load / applied load shall be 30 PSF.
10. Interior walls & ceilings of composite panels may have 1/2" sheet rock added by securing the sheet rock w/ 1" fine thread sheet rock screws at 16" O.C. each way.
11. All fascia gutter end caps shall have water relief ports.
12. Spans may be interpolated between values but not extrapolated outside values.
13. Design Check List and Inspection Guides for Solid Roof Panel Systems are included in inspection guides for sections 2, 3A & B, 4 & 5. Use section 2 inspection guide for solid roof in Section 1.
14. All exposed screw heads through roof panels into the roof sub structure shall be caulked w/ silicon sealant.

## Section 7 Design Statement:

The roof systems designed for section 7 are Main Wind Force Resisting Systems and Components and Cladding. In conformance with the 2004 Florida Building Code such systems must be designed using loads for components & cladding. Thus, Section 7 uses several different categories of these loads as described below. All pressures shown in the table below are in PSF (#/SF).

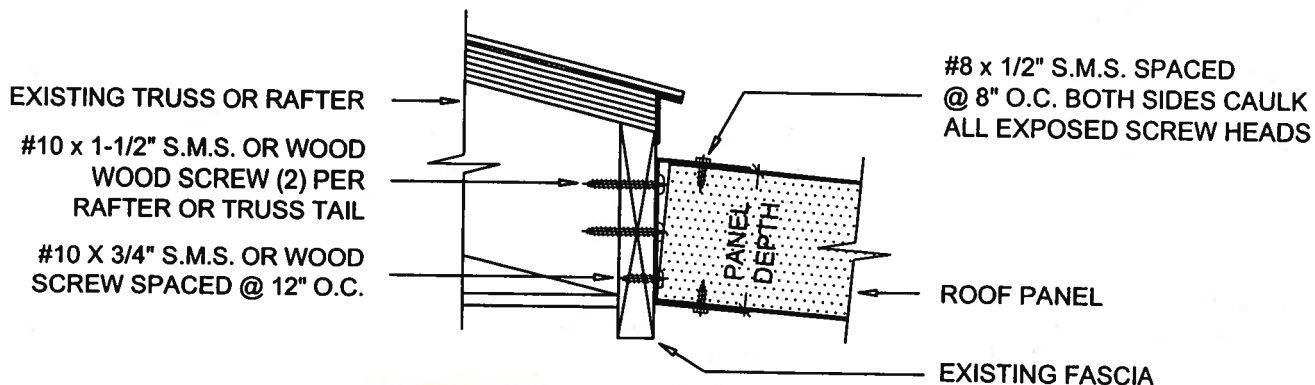
1. **Free-standing Structures with Mono-sloped Roofs** with a minimum live load of 10 PSF except for 140B and 150 MPH loads which are 30 PSF. The design wind loads used are from ASCE 7-98 Section 6.5, Analytical Procedure. The loads assume a mean roof height of less than 30'; roof slope of 0° to 10°;  $I = 0.77$  for open structures & 1.00 for all others. Negative internal pressure coefficient is 0.18 for enclosed and 0.55 for partially enclosed structures.
2. **Attached Covers** such as carports, patio covers, gabled carports, and screen rooms with a minimum live load of 10 PSF except for 140B and 150 MPH loads which are 30 PSF. The design wind loads used are from ASCE 7-98 Section 6.5, Analytical Procedure. Roof slope of 0° to 25° (+/- 10°);  $I = 1.00$ . Negative internal pressure coefficient is 0.18 for enclosed and 0.55 for partially enclosed structures.
3. **Glass & Modular Rooms** design loads use a minimum live load of 20 PSF and wind loads are from ASCE 7-98 Section 6.5, Analytical Procedure and the 2004 Florida Building Code. The loads assume a mean roof height of less than 30'; roof slope of 20° to 30° (+/- 10°);  $I = 1.00$ .
  - a. **Enclosed** structural systems use a negative internal pressure coefficient = +/- 0.18.
  - b. **Partially Enclosed** structural systems use a negative internal pressure coefficient = +/- 0.55.
4. **Overhangs** use a minimum live load of 20 PSF except for 140B and 150 MPH loads which are 30 PSF. Wind loads are from ASCE 7-98 Section 6.5, Analytical Procedure for Components & Cladding for Enclosed or Partially Enclosed Structural Systems. The loads assume a mean roof height of less than 30'; roof slope of 20° to 30° (+/- 10°);  $I = 1.0$ . Negative internal pressure coefficient is 0.18 for enclosed and 0.55 for partially enclosed structures.
5. Anchors for composite panel roof systems were computed on a load width of 10' and 16' projection with a 2' overhang. Any greater load width shall be site specific.

**Conversion Table 7A**  
Load Conversion Factors Based on  
Mean Roof Height of Host Structure  
For All Components  
Exposure "B" to "C"

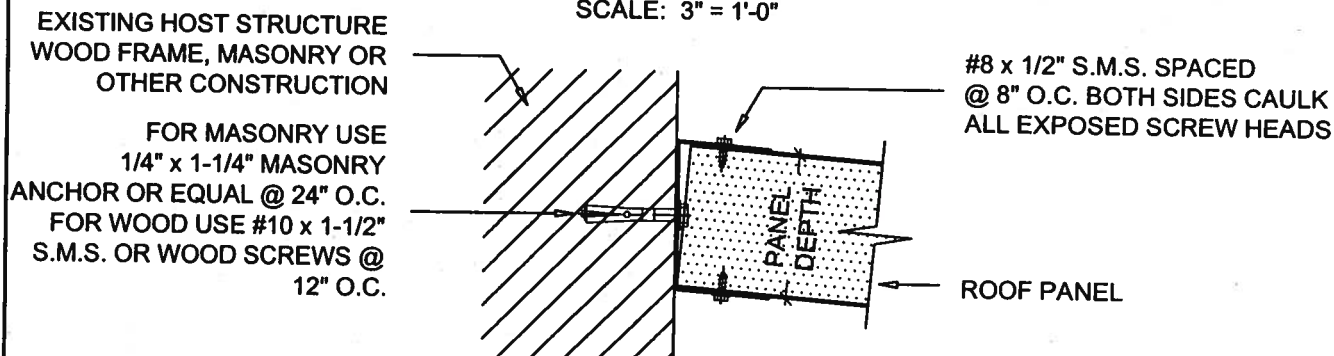
Mean Host Structure Height	Pans	Composite Panels
0 - 15'	0.91	0.94
15' - 20'	0.88	0.92
20' - 25'	0.86	0.91
25' - 30'	0.85	0.89

**Conversion Table 7B**  
Conversion Based on Mean Height of Host  
Structure for Solid Roof Systems  
From Exposure 'B' to 'C'

Mean Host Structure Height	Load Multiplier	Span Multiplier	
		Pans	Composite Panels
0 - 15'	1.21	0.94	0.91
15' - 20'	1.29	0.92	0.88
20' - 25'	1.34	0.91	0.86
25' - 30'	1.40	0.89	0.85

**COMPOSITE ROOF ANCHORING DETAILS****ROOF PANEL TO FASCIA DETAIL**

SCALE: 3" = 1'-0"

**ROOF PANEL TO WALL DETAIL**

SCALE: 3" = 1'-0"

WOOD STRUCTURES SHOULD CONNECT TO TRUSS BUTTS OR THE SUB-FASCIA FRAMING WHERE POSSIBLE ONLY. 15% OF SCREWS CAN BE OUTSIDE THE TRUSS BUTTS. SUB-FASCIA AND THOSE AREAS SHALL HAVE DOUBLE ANCHORS. ALL SCREWS INTO THE HOST STRUCTURE SHALL HAVE MINIMUM 1-1/4" WASHERS OR SHALL BE WASHER HEADED SCREWS.

HEADER INSIDE DIMENSION SHALL BE EQUAL TO PANEL OR PAN'S DEPTH "t". THE WALL THICKNESS SHALL BE THE THICKNESS OF THE ALUMINUM PAN OR COMPOSITE PANEL WALL THICKNESS. HEADERS SHALL BE ANCHORED TO THE HOST STRUCTURE WITH ANCHORS APPROPRIATE FOR THE MATERIAL CONNECTED TO. THE ANCHORS DETAILED ABOVE ARE BASED ON A LOAD FROM 120 M.P.H. FOR SBC SECTION 1606 FOR A MAXIMUM POSSIBLE SPAN OF THE ROOF PANEL FROM THE HOST STRUCTURE.

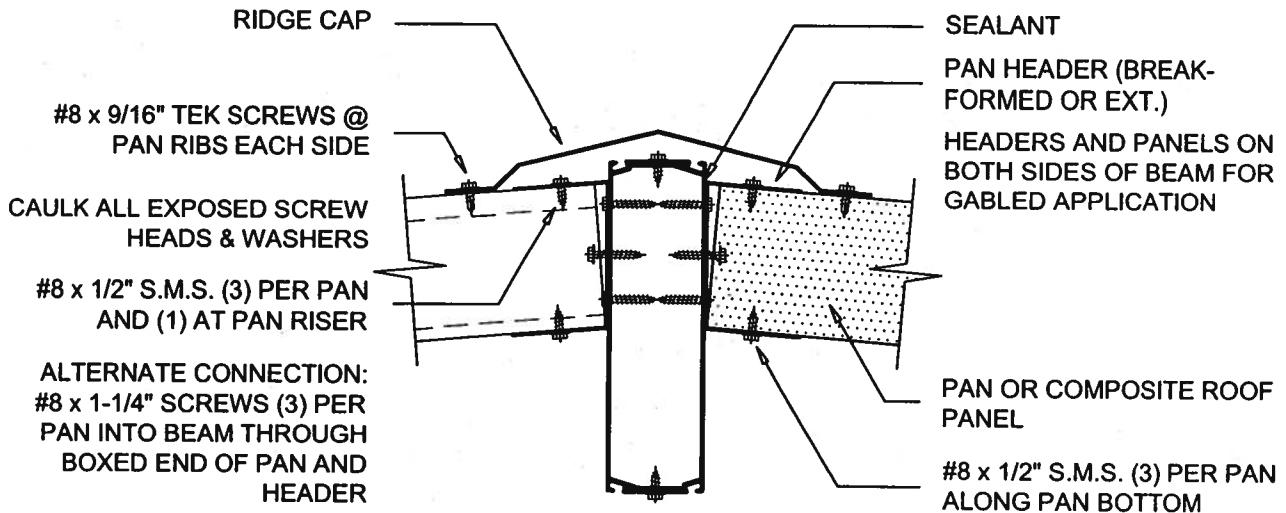
ANCHORS BASED ON 120 MPH WIND VELOCITY. FOR HIGHER WIND ZONES USE THE FOLLOWING CONVERSION:

100 -123	130	140	150
#8	#10	#12	#12

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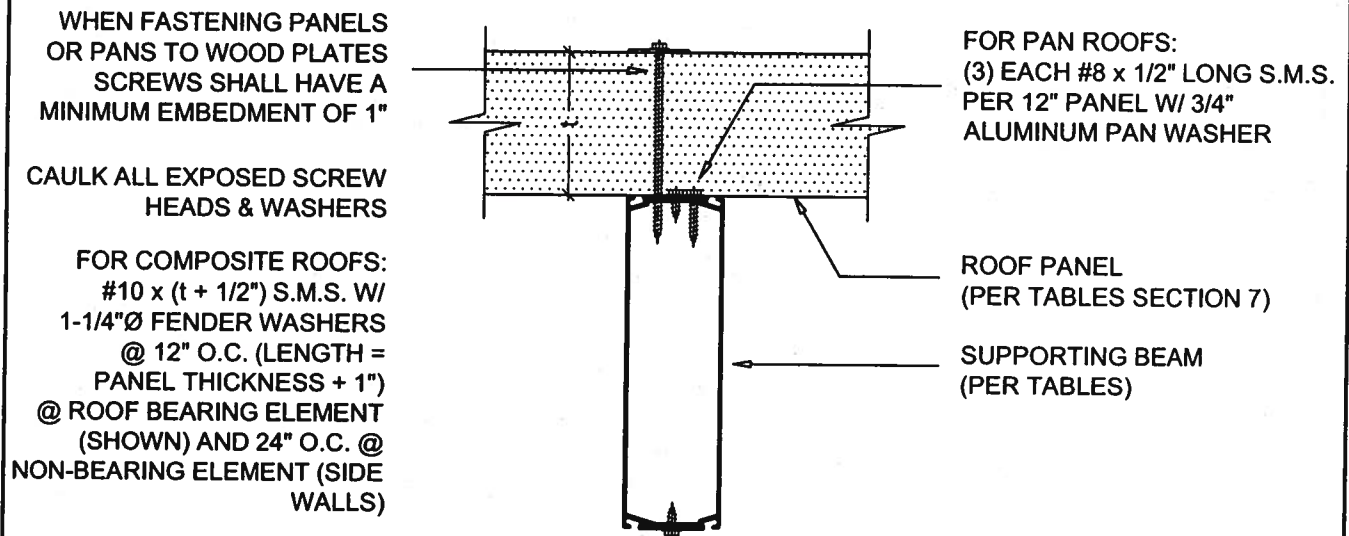
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**PAN ROOF ANCHORING DETAILS**



**ROOF PANEL TO BEAM DETAIL**

SCALE: 3" = 1'-0"



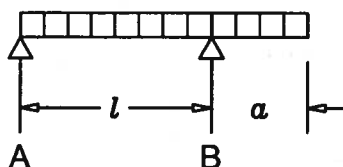
**ROOF PANEL TO BEAM FASTENING DETAIL**

SCALE: 3" = 1'-0"

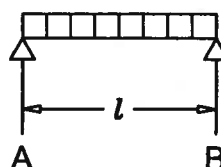
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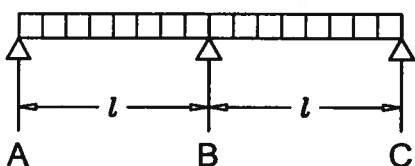
UNIFORM LOAD

**SINGLE SPAN CANTILEVER**

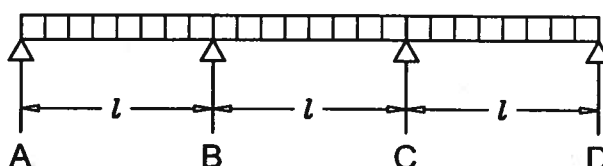
UNIFORM LOAD

**1 OR SINGLE SPAN**

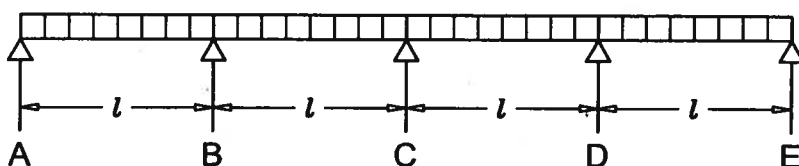
UNIFORM LOAD

**2 SPAN**

UNIFORM LOAD

**3 SPAN**

UNIFORM LOAD

**4 SPAN****NOTES:**1.  $l$  = Span Length $a$  = Overhang Length

2. All spans listed in the tables are for equally spaced distances between supports or anchor points.

3. Panels shall not be spliced except at supports.

**SPAN EXAMPLES FOR SECTION 7 TABLES**

SCALE: N.T.S.

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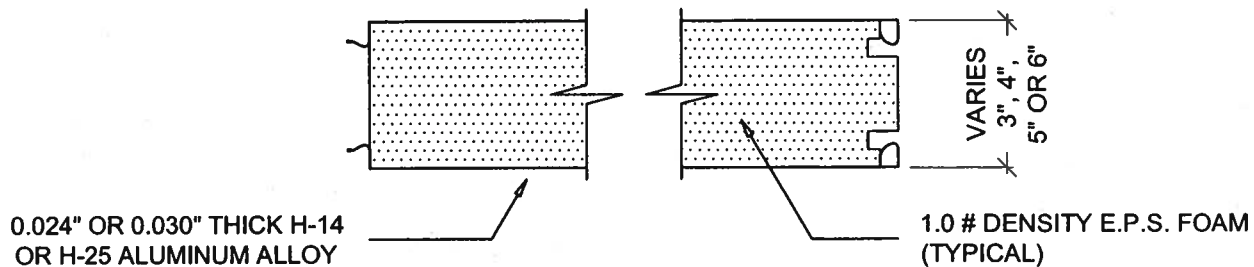
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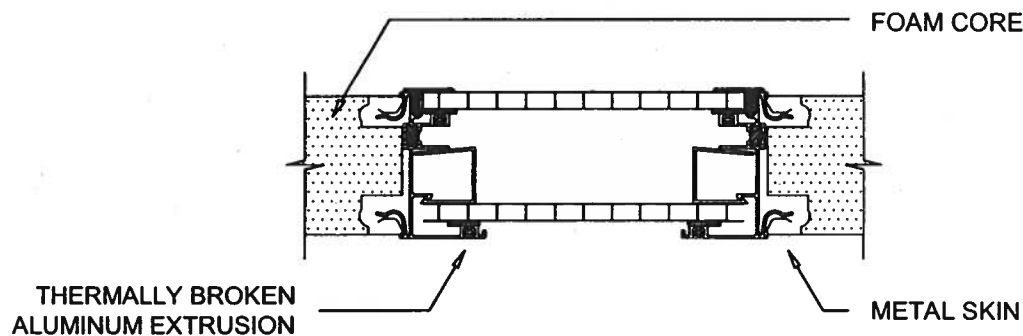


**MANUFACTURERS PROPRIETARY PRODUCTS**
**METALS USA BUILDING PRODUCTS L.P.**  
**PRO-FAB COMPOSITE PANEL W/ EZ-LOK**

SCALE: 3" = 1'-0"

**Notes:**

- 1) Total roof panel width = room width + wall width + overhang.
- 2) Spans may be interpolated between values but not extrapolated outside values.
- 3) The Sun Ray roof panel system is designed to span from support to support mated to a full 48" PRO-FAB panel between Sun Ray panels or between (2) 24" solid panels. Reference Table 7.3.6 or 7.3.7 for allowed spans of the Sun Ray roof panel system.


**SUN RAY ROOF PANEL**  
**3" x 24" - TWIN WALL FULL LENGTH SYSTEM**

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

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# SOLID ROOF PANEL PRODUCTS

# SECTION 7

**Table 7.3.6 Allowable Spans for 0.024" PRO-FAB Composite Panels  
w/ EZ-LOCK for Various Loads  
Metals USA Building Products L.P.**

Manufacturers Proprietary Products: Aluminum Alloy 3105 H-14 or H-25 Foam Core E.P.S. #1 Density  
**3" x 48" x 0.024" Roof Panel w/ EZ-LOCK**

Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Glass & Modular Rooms Enclosed			Overhang / Cantilever All Roofs
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	21'-4"	23'-10"	23'-0"	20'-4"	22'-9"	21'-11"	15'-1"	17'-9"	16'-3"	4'-0"
110 MPH	21'-4"	23'-10"	23'-0"	18'-8"	20'-11"	20'-2"	13'-9"	15'-4"	14'-10"	4'-0"
120 MPH	20'-4"	22'-9"	21'-11"	17'-5"	19'-5"	18'-10"	12'-6"	13'-11"	13'-6"	4'-0"
123 MPH	19'-6"	21'-10"	21'-1"	15'-11"	18'-11"	18'-3"	11'-8"	13'-8"	13'-2"	4'-0"
130 MPH	18'-0"	20'-2"	19'-5"	15'-1"	17'-9"	16'-3"	11'-1"	12'-11"	12'-6"	4'-0"
140 MPH	12'-4"	13'-9"	13'-3"	12'-4"	13'-9"	13'-3"	10'-3"	11'-6"	11'-1"	4'-3"
150 MPH	12'-4"	13'-9"	13'-3"	12'-4"	13'-9"	13'-3"	9'-6"	10'-8"	10'-4"	3'-11"

**4" x 48" x 0.024" Roof Panel w/ EZ-LOCK**

Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Glass & Modular Rooms Enclosed			Overhang / Cantilever All Roofs
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	23'-5"	26'-2"	25'-3"	22'-3"	24'-11"	24'-1"	17'-5"	19'-6"	18'-10"	4'-0"
110 MPH	23'-5"	26'-2"	25'-3"	20'-6"	22'-11"	22'-2"	15'-1"	18'-0"	17'-5"	4'-0"
120 MPH	22'-3"	24'-11"	24'-1"	19'-1"	21'-4"	20'-7"	13'-9"	15'-4"	14'-10"	4'-0"
123 MPH	21'-5"	23'-11"	23'-2"	18'-6"	20'-9"	20'-0"	13'-5"	14'-11"	14'-6"	4'-0"
130 MPH	19'-9"	22'-1"	21'-4"	17'-5"	19'-6"	18'-10"	12'-8"	14'-2"	13'-8"	4'-0"
140 MPH	13'-6"	15'-1"	14'-7"	13'-6"	15'-1"	14'-7"	11'-3"	13'-3"	12'-9"	4'-0"
150 MPH	13'-6"	15'-1"	14'-7"	13'-6"	15'-1"	14'-7"	10'-5"	12'-4"	11'-4"	4'-0"

**5" x 48" x 0.024" Roof Panel w/ EZ-LOCK**

Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Glass & Modular Rooms Enclosed			Overhang / Cantilever All Roofs
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	26'-5"	29'-6"	28'-6"	25'-2"	28'-1"	27'-2"	19'-8"	21'-11"	21'-3"	4'-0"
110 MPH	26'-5"	29'-6"	28'-6"	23'-2"	25'-10"	24'-11"	18'-2"	20'-4"	19'-8"	4'-0"
120 MPH	25'-2"	28'-1"	27'-2"	21'-6"	24'-1"	23'-3"	15'-6"	18'-8"	18'-0"	4'-0"
123 MPH	24'-2"	27'-0"	26'-1"	20'-11"	23'-5"	22'-7"	15'-1"	18'-1"	17'-6"	4'-0"
130 MPH	22'-4"	24'-11"	24'-1"	19'-8"	21'-11"	21'-3"	14'-4"	15'-11"	15'-5"	4'-0"
140 MPH	15'-3"	17'-0"	16'-5"	15'-3"	17'-0"	16'-5"	13'-4"	14'-11"	14'-5"	4'-0"
150 MPH	15'-3"	17'-0"	16'-5"	15'-3"	17'-0"	16'-5"	12'-5"	13'-11"	13'-5"	4'-0"

**6" x 48" x 0.024" Roof Panel w/ EZ-LOCK**

Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Glass & Modular Rooms Enclosed			Overhang / Cantilever All Roofs
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	29'-1"	32'-6"	31'-5"	27'-8"	30'-11"	29'-11"	21'-8"	24'-3"	23'-5"	4'-0"
110 MPH	29'-1"	32'-6"	31'-5"	25'-6"	28'-6"	27'-6"	20'-1"	22'-5"	21'-8"	4'-0"
120 MPH	27'-8"	30'-11"	29'-11"	23'-9"	26'-6"	25'-8"	18'-5"	20'-7"	19'-10"	4'-0"
123 MPH	26'-8"	29'-9"	28'-9"	23'-1"	25'-9"	24'-11"	17'-10"	19'-11"	19'-3"	4'-0"
130 MPH	24'-7"	27'-6"	26'-6"	21'-8"	24'-3"	23'-5"	15'-9"	18'-9"	18'-2"	4'-0"
140 MPH	16'-9"	18'-9"	18'-2"	16'-9"	18'-9"	18'-2"	14'-9"	17'-4"	15'-11"	4'-0"
150 MPH	16'-9"	18'-9"	18'-2"	16'-9"	18'-9"	18'-2"	13'-8"	15'-4"	14'-10"	4'-0"

Note: Total roof panel width = room width + wall width + overhang



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# COLUMBIA COUNTY OFFICE OCCUPANCY

## COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

*This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.*

Parcel Number 15-4S-16-03023-377

Building permit No. 000024381

Use Classification SCREEN ROOM

Fire: 0.00

Permit Holder VINCE RICHARDSON

Waste:           

Owner of Building DAWN & RICHARD MADDEN

Total: 0.00

Location: 126 SW WILSHIRE DRIVE, CALLAWAY LOT 77-3

Date: 05/02/2006



*[Signature]*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)