

FE 06/03/2005

## Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023224

APPLICANT ROBERT MCINTOSH PHONE 754-8678  
ADDRESS 289 NW CORINTH DRIVE LAKE CITY FL 32055  
OWNER RICHARD & KATHLEEN JERNIGAN PHONE 752-2239  
ADDRESS 1454 NW FRONTIER DRIVE LAKE CITY FL 32055  
CONTRACTOR MIKE DELCHOZ/BOB MCINTOSH PHONE 754-8678

LOCATION OF PROPERTY 90W, TR ON COMMERCE BLVD, TL ON FAIRWAY DRIVE, TR ON EGRET  
LANE, TL ON HARRIS LAKE DR, TL ON FRONTIER, 1454 ON LEFT

TYPE DEVELOPMENT SCREEN ROOM ESTIMATED COST OF CONSTRUCTION 6000.00

HEATED FLOOR AREA                      TOTAL AREA                      HEIGHT .00 STORIES                     

FOUNDATION                      WALLS                      ROOF PITCH                      FLOOR                     

LAND USE & ZONING RSF-2 MAX. HEIGHT                     

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

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

PARCEL ID 26-3S-16-02307-121 SUBDIVISION VILLAGE ON THE GREEN

LOT 21 BLOCK                      PHASE                      UNIT                      TOTAL ACRES                     

SCC056689

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

EXISTING                      X05-0135                      BK                      N                     

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

COMMENTS: NOC ON FILECheck # or Cash 2395

## FOR BUILDING &amp; 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                      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                      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 \$ .00 SURCHARGE FEE \$ .00

MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$                      WASTE FEE \$                     

FLOOD ZONE DEVELOPMENT 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.



For Office Use Only Application # 0505-57 Date Received 5-17-05 By LA Permit # B224  
Application Approved by - Zoning Official BLK Date 02.06.05 Plans Examiner OK JH Date 5-20-05  
Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den  
Comments \_\_\_\_\_

Applicants Name Robert L McIntosh Phone 386-754-8678  
Address 289 N.W. Corinth Dr Lake City, FL 32055  
Owners Name Richard + Kathleen Terrigan Phone 752-2239  
911 Address 1484 NW Frontier Dr Lake City FL  
Contractors Name Mike Delcholz Phone 386-754-8678  
Address 289 N.W. Corinth Dr Lake City FL 32055  
Fee Simple Owner Name & Address N/A  
Bonding Co. Name & Address N/A  
Architect/Engineer Name & Address Gordon Shepardson 1025 S. Semoran Blvd Winter Park FL  
Mortgage Lenders Name & Address N/A  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number R02307-121 24-35-16 Estimated Cost of Construction 6,000  
Subdivision Name Village on the Green Lot 21 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions 90 West, Right on NW Commerce Blvd, Left on NW Fairway Dr, Right on NW Egret Ln, Left NW Harris Lake Dr, Left NW Frontier Dr 1454 on Left.  
Type of Construction Screen & Vinyl room Number of Existing Dwellings on Property 1  
Total Acreage \_\_\_\_\_ Lot Size 84.87 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 27.32 Side 32.68 Side 21 Rear 50  
Total Building Height 8' Number of Stories 1 Heated Floor Area 0 Roof Pitch 1/2 to 1'

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.

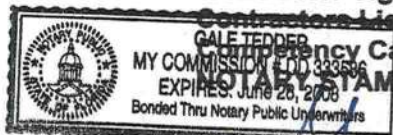
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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.

Robert L McIntosh  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
this 3rd day of June 2005.  
Personally known ✓ or Produced Identification \_\_\_\_\_



Florida Pool Enclosures Inc  
Contractor Signature  
Contractors License Number SCC056689  
Competency Card Number \_\_\_\_\_  
NOTARY STAMP/SEAL  
Gale Tedder  
Notary Signature



NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement 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.

Tax Parcel ID Number RD2307-121

Description of property: (legal description of the property and street address or 911 address)

Lot 21 of Village on the Green as per Plat thereof recorded  
in Plat Book 5, Page 95 + 95A

2. General description of improvement: Screen & Vinyl room

3. Owner Name & Address Richard & Kathleen Terrigan  
1454 NW Frontier Dr Lake City Interest in Property Owners

4. Name & Address of Fee Simple Owner (if other than owner): n/a

5. Contractor Name Mike Delatos Phone Number 386-754-8678  
Address 289 NW Corinth Dr Lake City, FL 32055

6. Surety Holders Name n/a

Address \_\_\_\_\_

Amount of Bond \_\_\_\_\_

Inst: 2005011309 Date: 05/13/2005 Time: 10:39

MK DC, P. DeWitt Cason, Columbia County B: 1046 P: 64

7. Lender Name n/a

Address \_\_\_\_\_

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name n/a

Phone Number \_\_\_\_\_

Address \_\_\_\_\_

9. In addition to himself/herself the owner designates FI Pool Enclosures of  
289 NW Corinth Dr Lake City FL 32055 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-754-8678

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,  
(Unless a different date is specified) \_\_\_\_\_

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Richard E Terrigan  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of May 5, 2005

NOTARY STAMP



Nadean G.S. McIntosh  
Commission # DD371494  
Expires November 14, 2008  
Bonded Troy Fain - Insurance, Inc. 800-345-7019

Nadean G.S. McIntosh  
Signature of Notary



BOUNDARY SURVEY IN SECTION 26, TOWNSHIP 3 SOUTH,  
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

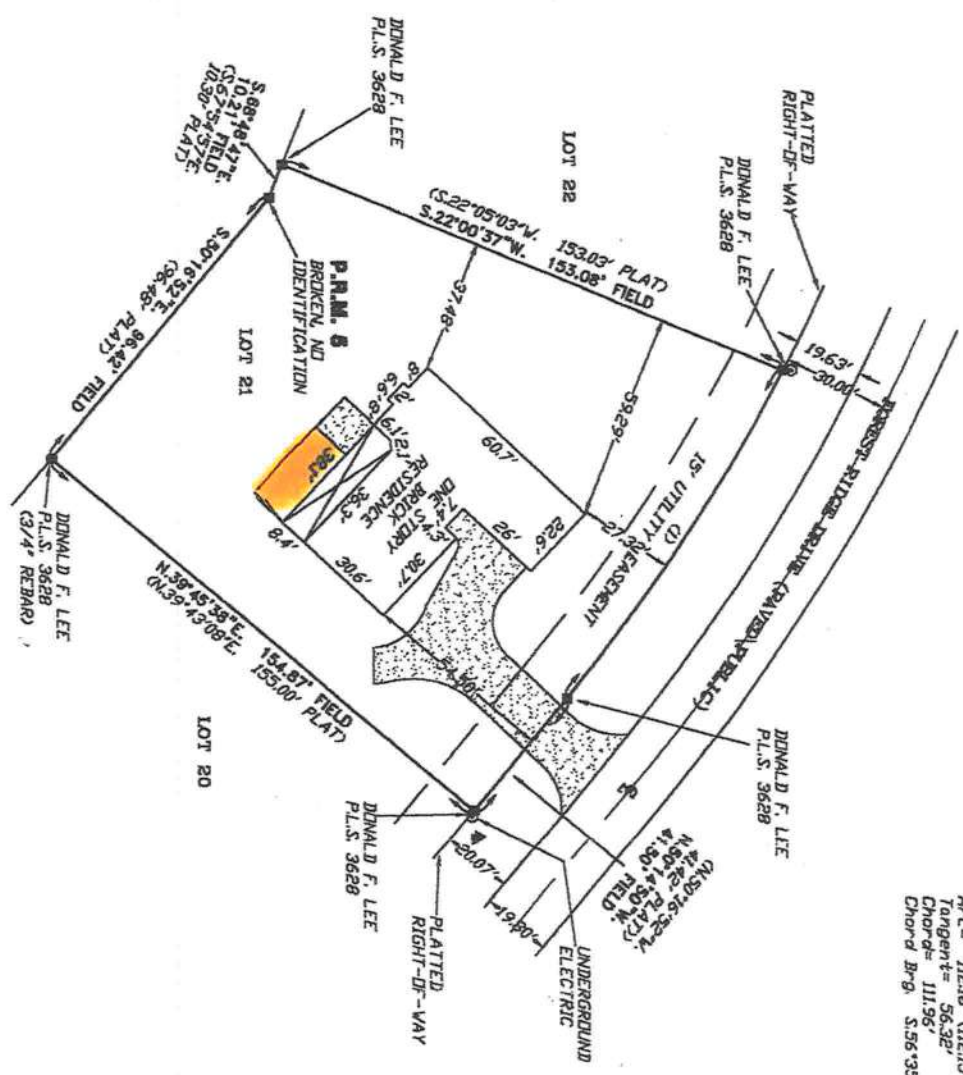
Curve number 1  
Radius= 510.00'  
Delta= 12°36'11"  
Arc= 112.18' (112.15' PLAT)  
Tangent= 56.32'  
Chord= 111.96'  
Chord Brg. S. 56°35'33"E.

SYMBOL LEGEND

- 4"x4" CONCRETE MONUMENT FOUND
- 4"x4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- POWER POLE
- WATER METER
- CENTERLINE
- WELL
- SATELLITE DISH
- TELEPHONE BOX
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE

SCALE: 1" = 40'

N



- DESCRIPTION:  
LOT 21 OF "VILLAGE ON THE GREEN" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 5,  
PAGES 95 & 96 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.
- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
  2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
  3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOODED PLAIN AS PER FLOODED RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 DITS B. HOWEVER, THE FLOODED INSURANCE RATE MAPS ARE SUBJECT TO CHANGE. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
  4. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED ON THIS SURVEY EXCEPT AS SHOWN HEREON.
  5. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

CERTIFIED TO:

LEON L. & LOIS J. DRAKE, JR.  
ABSTRACT AND TITLE SERVICES, INC.  
CHICAGO TITLE INSURANCE COMPANY

FIELD BOOK 236 PAGE(S) 15

DRAWER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY PERSONAL SUPERVISION AND THAT THE MANNER OF THE SURVEYING WAS IN ACCORDANCE WITH THE FLORIDA SURVEYING ACT AND THE RULES AND REGULATIONS OF THE FLORIDA SURVEYING BOARD. I AM A LICENSED SURVEYOR AND MAPPER IN THE STATE OF FLORIDA. MY LICENSE NUMBER IS 10187. I HAVE NOT BEEN DISQUALIFIED OR REVOKED OF MY LICENSE. I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM PRACTICING SURVEYING. I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM PRACTICING SURVEYING. I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM PRACTICING SURVEYING.

FIELD SURVEY DATE 10/18/01  
DRAWING DATE 10/18/01  
CERTIFICATION # 5707

**BRITT** **BRITT SURVEYING**  
LAND SURVEYORS AND MAPPERS  
1486 WEST DUVAL STREET LAKE CITY, FLORIDA 32805  
(904) 752-7163 FAX (904) 752-5573  
WORK ORDER # L-11966



<b>A.</b> U.S. DEPARTMENT OF HOUSING & URBAN DEVELOPMENT <b>SETTLEMENT STATEMENT</b>	<b>B. TYPE OF LOAN</b>				
	1. <input type="checkbox"/> FHA    2. <input type="checkbox"/> FmHA    3. <input type="checkbox"/> CONV. UNINS.    4. <input checked="" type="checkbox"/> VA    5. <input type="checkbox"/> CONV. INS				
	6. FILE NUMBER 14861			7. LOAN NUMBER 83187724	
	8. MORTGAGE INS CASE NUMBER LAP171761389742				

**C. NOTE:** This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "[POC]" were paid outside the closing; they are shown here for informational purposes and are not included in the totals.

<b>D. NAME AND ADDRESS OF BORROWER</b>	<b>E. NAME AND ADDRESS OF SELLER</b>	<b>F. NAME AND ADDRESS OF LENDER</b>
Richard E. Jernigan, and his wife, Kathleen M. Jernigan 185 SW Gremlin Way Lake City, Florida 32024	Leon L. Drake, Jr., and his wife, Lois J. Drake 1454 NW Frontier Drive Lake City, Florida 32055	Country Wide Home Loans 2234 NW 40th Terrace. Ste. A Gainesville, FL 32605
<b>G. PROPERTY LOCATION</b> 1454 NW Frontier Drive Lake City, FL 32055 Columbia County, Florida TAX ID: R02307-121	<b>H. SETTLEMENT AGENT</b> 59-1714459 Abstract & Title Services, Inc.  <b>PLACE OF SETTLEMENT</b> 382 SW Baya Drive Lake City, Florida 32025	<b>I. SETTLEMENT DATE</b> March 30, 2005

<b>J. SUMMARY OF BORROWER'S TRANSACTION</b>		<b>K. SUMMARY OF SELLER'S TRANSACTION</b>	
<b>100. GROSS AMOUNT DUE FROM BORROWER:</b>		<b>400. GROSS AMOUNT DUE TO SELLER:</b>	
101. Contract Sales Price	217,500.00	401. Contract Sales Price	217,500.00
102. Personal Property		402. Personal Property	
103. Settlement Charges to Borrower (Line 1400)	7,978.60	403.	
104.		404.	
105.		405.	
<i>Adjustments For Items Paid By Seller in advance</i>		<i>Adjustments For Items Paid By Seller in advance</i>	
106. City/Town Taxes to		406. City/Town Taxes to	
107. County Taxes to		407. County Taxes to	
108. Assessments 03/31/05 to 10/01/05	108.38	408. Assessments 03/31/05 to 10/01/05	108.38
109.		409.	
110.		410.	
111.		411.	
112.		412.	
<b>120. GROSS AMOUNT DUE FROM BORROWER</b>	<b>225,586.98</b>	<b>420. GROSS AMOUNT DUE TO SELLER</b>	<b>217,608.38</b>
<b>200. AMOUNTS PAID BY OR IN BEHALF OF BORROWER:</b>		<b>500. REDUCTIONS IN AMOUNT DUE TO SELLER:</b>	
201. Deposit or earnest money	500.00	501. Excess Deposit (See Instructions)	
202. Principal Amount of New Loan(s)	222,176.25	502. Settlement Charges to Seller (Line 1400)	16,375.00
203. Existing loan(s) taken subject to		503. Existing loan(s) taken subject to	
204.		504. Payoff of first Mortgage	
205.		505. Payoff of second Mortgage	
206.		506.	
207.		507. (Deposit disb. as proceeds)	
208.		508.	
209.		509.	
<i>Adjustments For Items Unpaid By Seller</i>		<i>Adjustments For Items Unpaid By Seller</i>	
210. City/Town Taxes to		510. City/Town Taxes to	
211. County Taxes 01/01/05 to 03/31/05	518.23	511. County Taxes 01/01/05 to 03/31/05	518.23
212. Assessments to		512. Assessments to	
213.		513.	
214.		514.	
215.		515.	
216.		516.	
217.		517.	

January 01, 2004

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

TO ALL BUILDING DEPARTMENTS

Re: Master File Engineering  
2004 "ALUMINUM STRUCTURES DESIGN MANUAL"

Dear Building Official/Plans Examiner,

This is to certify that the following contractor/company is hereby authorized to use my "ALUMINUM STRUCTURES DESIGN MANUAL" for the year 2004.

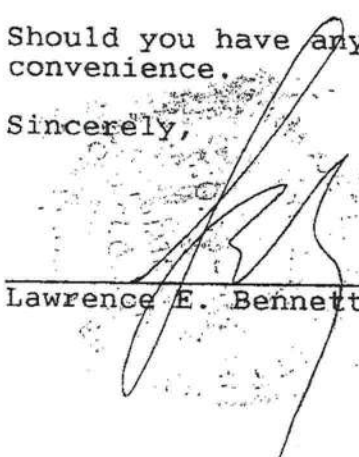
This authorization also applies to contractor Master File Drawings, "ONE JOB ONLY" drawings, or any "SITE SPECIFIC" drawings that I may furnish for the contractor.

Mike Delahoz  
AAF Mid Fl  
Florida Pool Enclosures Inc  
P.O. Box 521136  
Longwood, FL 32752

The 2004 "ALUMINUM STRUCTURES DESIGN MANUAL" will be sent out in March of 2004, so as to include any 2004 code changes. They are hereby added to my 2004 Master File.

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

Sincerely,

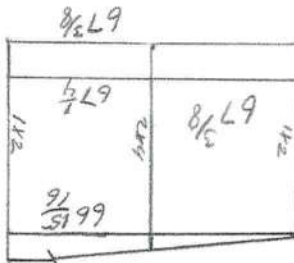


\_\_\_\_\_  
Lawrence E. Bennett, P.E. #16644



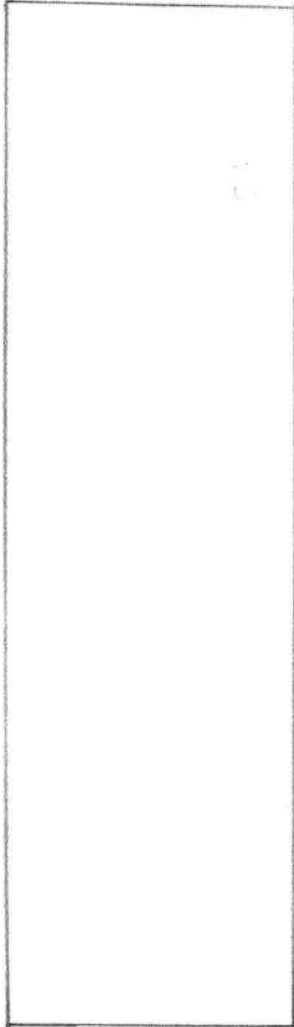
OFFICE COPY

K 11'-9" K



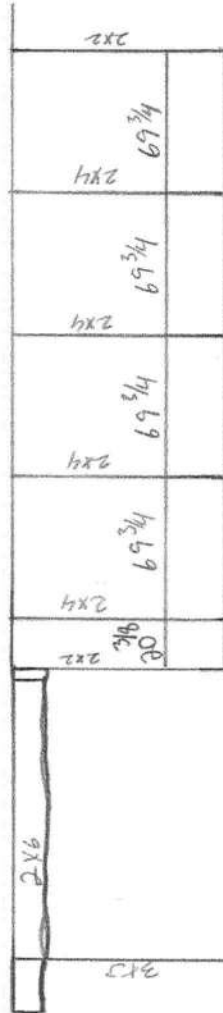
23 3/4 L.P.

House Foundation



42'

K 7'-6" K

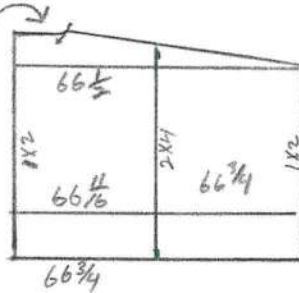


K

38'

K

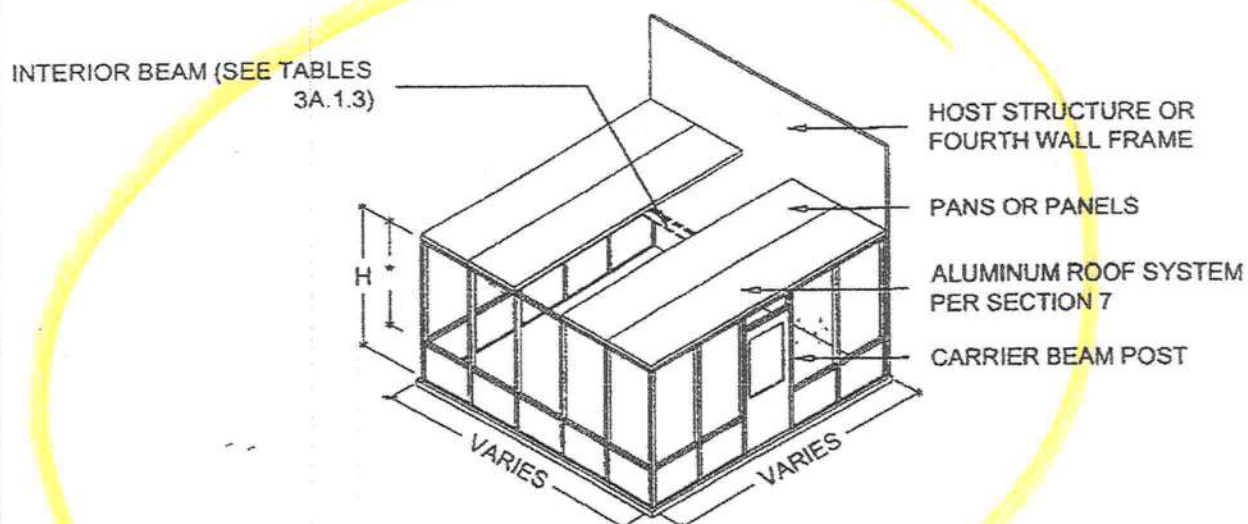
23 3/4 L.P.



K 7'-6" K

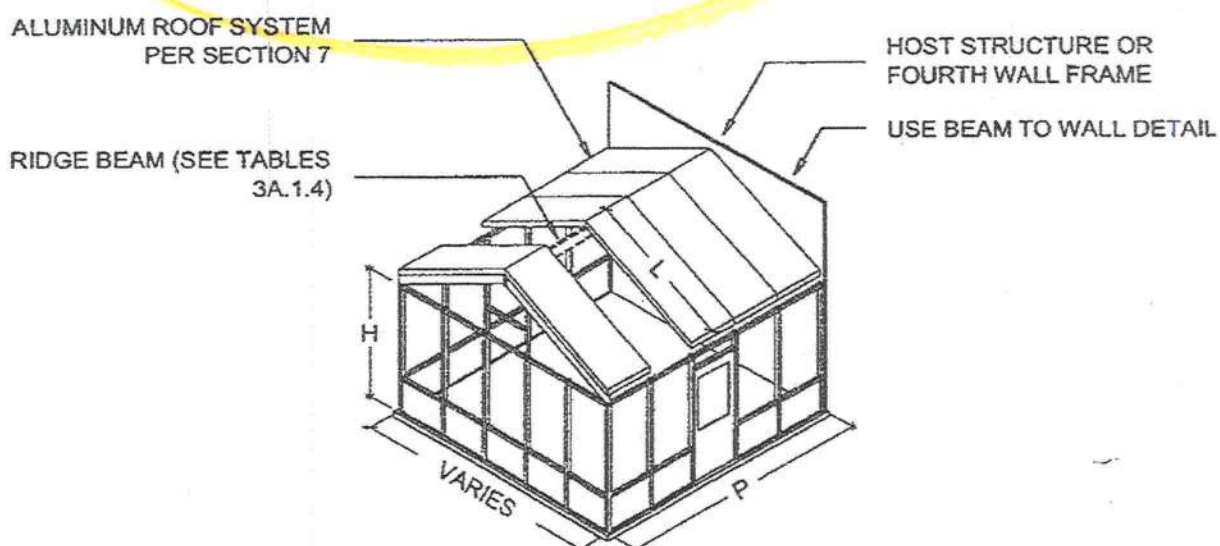
K 11'-9" K

Terminator



**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

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

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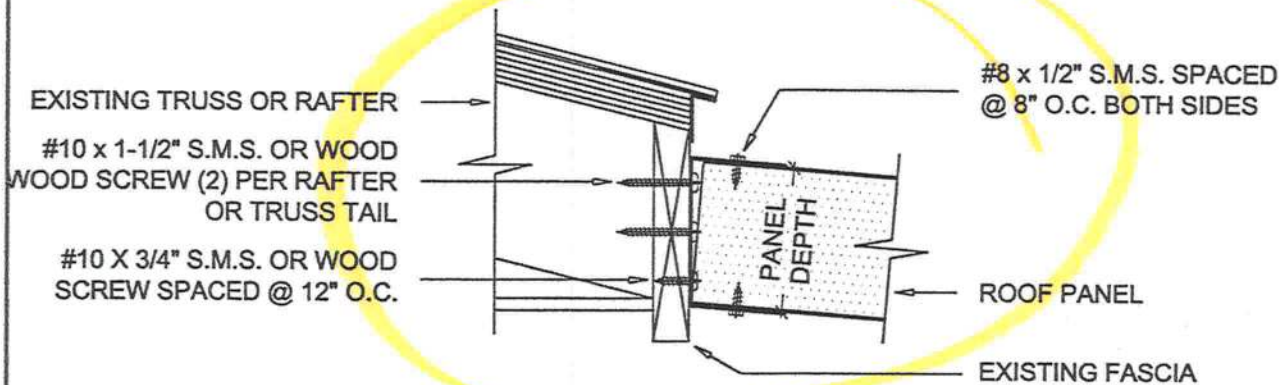
PAGE

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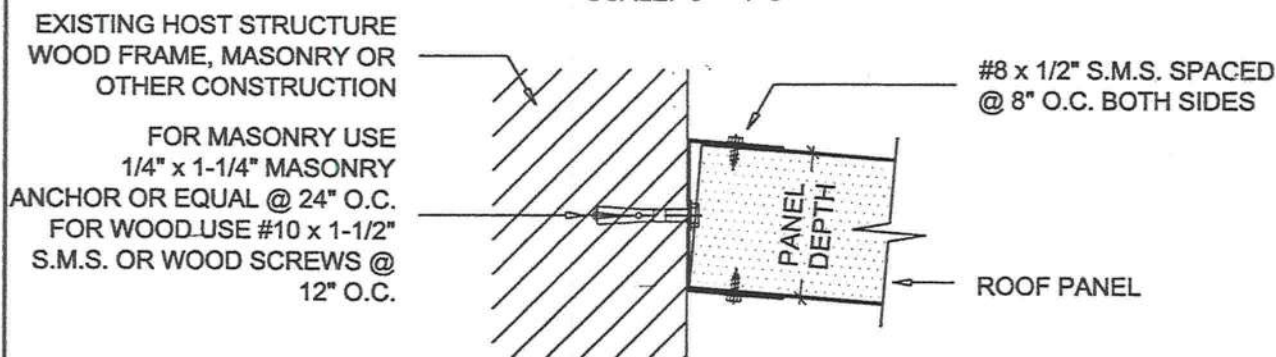
Apr 18 2005 11:41 P.01

FLUORIN HULL ENCLOSURE FAX: 407/2606411



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

SCALE: 3" = 1'-0"

**ROOF PANEL TO WALL DETAIL**

SCALE: 3" = 1'-0"

NOTES: 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.

Lawrence E. Bennett, P.E.

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE (386) 767-4774

FAX (386) 767-6556

## SECTION 3A

## SCREEN, ACRYLIC &amp; VINYL ROOMS

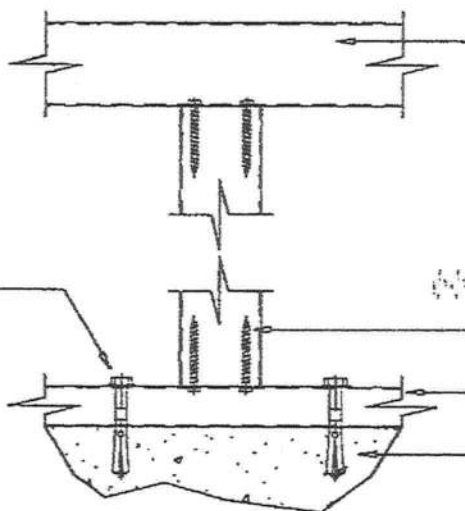
ALTERNATE CONNECTION  
DETAIL 1" x 2" WITH  
(3) #10 x 1-1/2" S.M.S. INTO  
SCREW BOSS

(2) #10 x 1 1/2" S. M. S. INTO  
SCREW BOSS

ANCHOR 1" x 2" PLATE TO  
CONCRETE W/ 1/4" x 2-1/2"  
CONCRETE ANCHORS WITHIN  
6" OF EACH SIDE OF EACH  
POST AND 24" O.C. MAX.

MIN. 3-1/2" SLAB 2500 PSI  
CONC. 6 x 6 - 10 x 10 W.W.M.  
OR FIBER MESH

VAPOR BARRIER UNDER  
CONCRETE



BEAM / HEADER

ANGLE CLIPS MAY BE  
SUBSTITUTED FOR INTERNAL  
SCREW SYSTEMS

MIN. (3) #10 x 1 1/2" S.M.S.  
INTO SCREW BOSS

1" x 2" EXTRUSION

1-1/8" MIN. IN CONCRETE

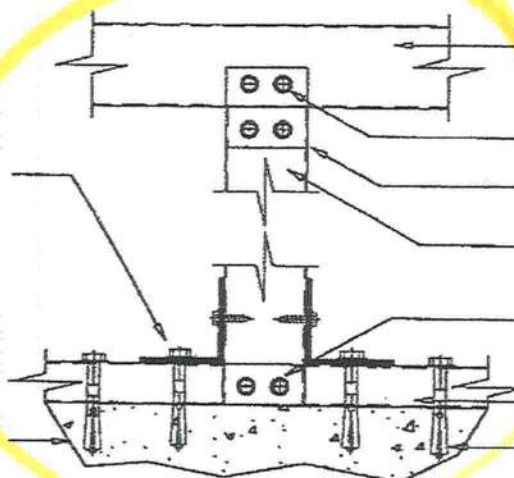
**ALTERNATE HOLLOW UPRIGHT TO BASE AND  
HOLLOW UPRIGHT TO BEAM DETAIL**

SCALE: 3" = 1'-0"

ANCHOR 1" x 2" CHANNEL TO  
CONCRETE WITH  
1/4" x 2-1/4" CONCRETE  
ANCHORS WITHIN 6" OF EACH  
SIDE OF EACH POST AT 24"  
O.C. MAX. OR THROUGH  
ANGLE AT 24" O.C. MAX.

MIN. 3-1/2" SLAB 2500 PSI  
CONC. 6x6-10x10 W.W.M. OR  
FIBER MESH

VAPOR BARRIER UNDER  
CONCRETE



HEADER BEAM

(4) #10 x 1/2" S.M.S. EACH SIDE  
OF POST

H-BAR OR GUSSET PLATE

2" x 2" OR 2" x 3" OR 2" S.M.B.  
POST

MIN. (4) #10 x 1/2" S.M.S. @  
EACH POST

1" x 2" EXTRUSION

1-1/8" MIN. IN CONCRETE

**ALTERNATE PATIO SECTION TO UPRIGHT AND  
PATIO SECTION TO BEAM DETAIL**

SCALE: 3" = 1'-0"

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

CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
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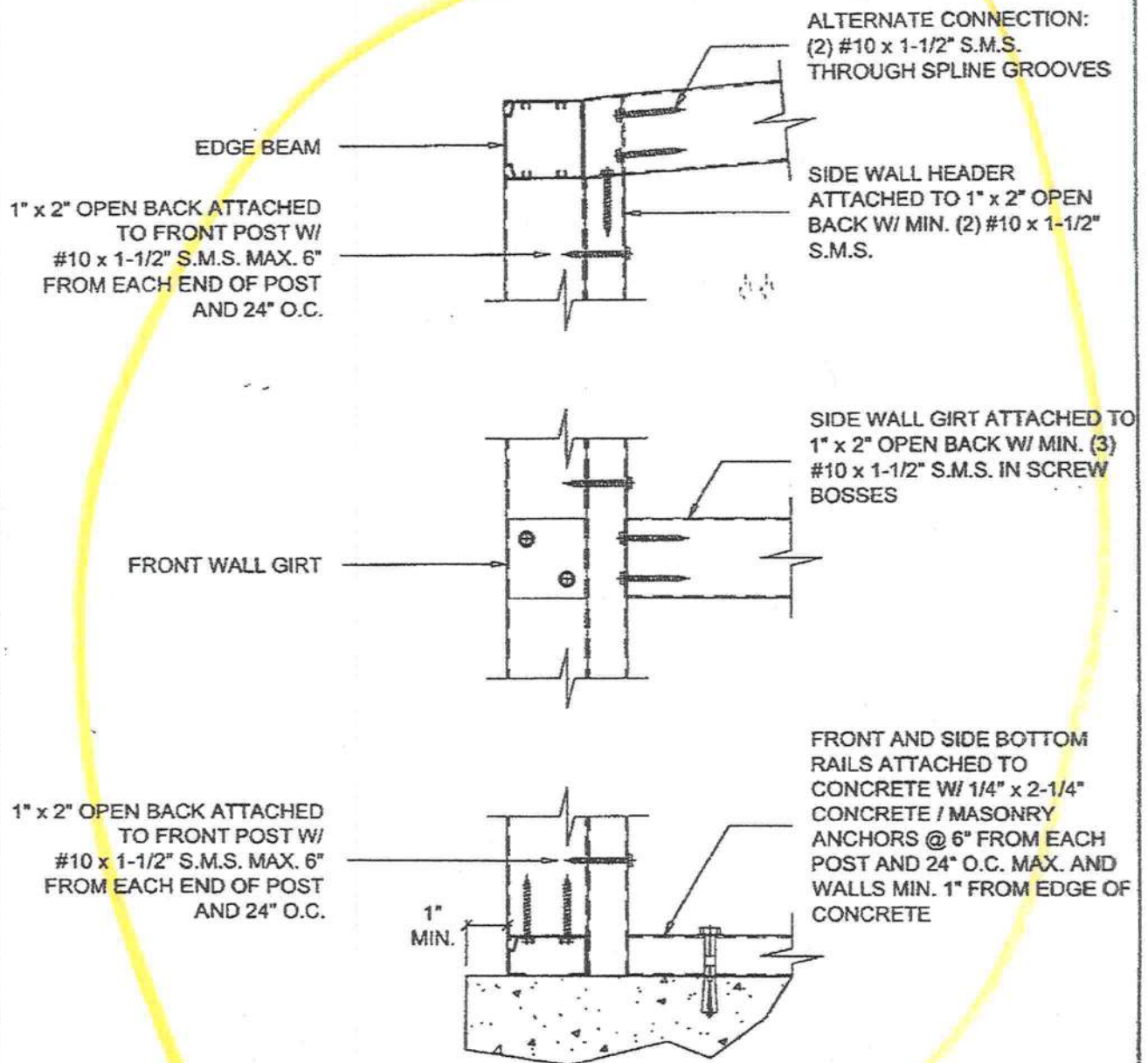
Apr 18 2005 11:42 P.03

FLUKE FLUKE FULL ENGLISH FAX:4072606411



SECTION 3A

SCREEN, ACRYLIC & VINYL ROOMS



**TYPICAL & ALTERNATE CORNER DETAIL**

SCALE: 3" = 1'-0"

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

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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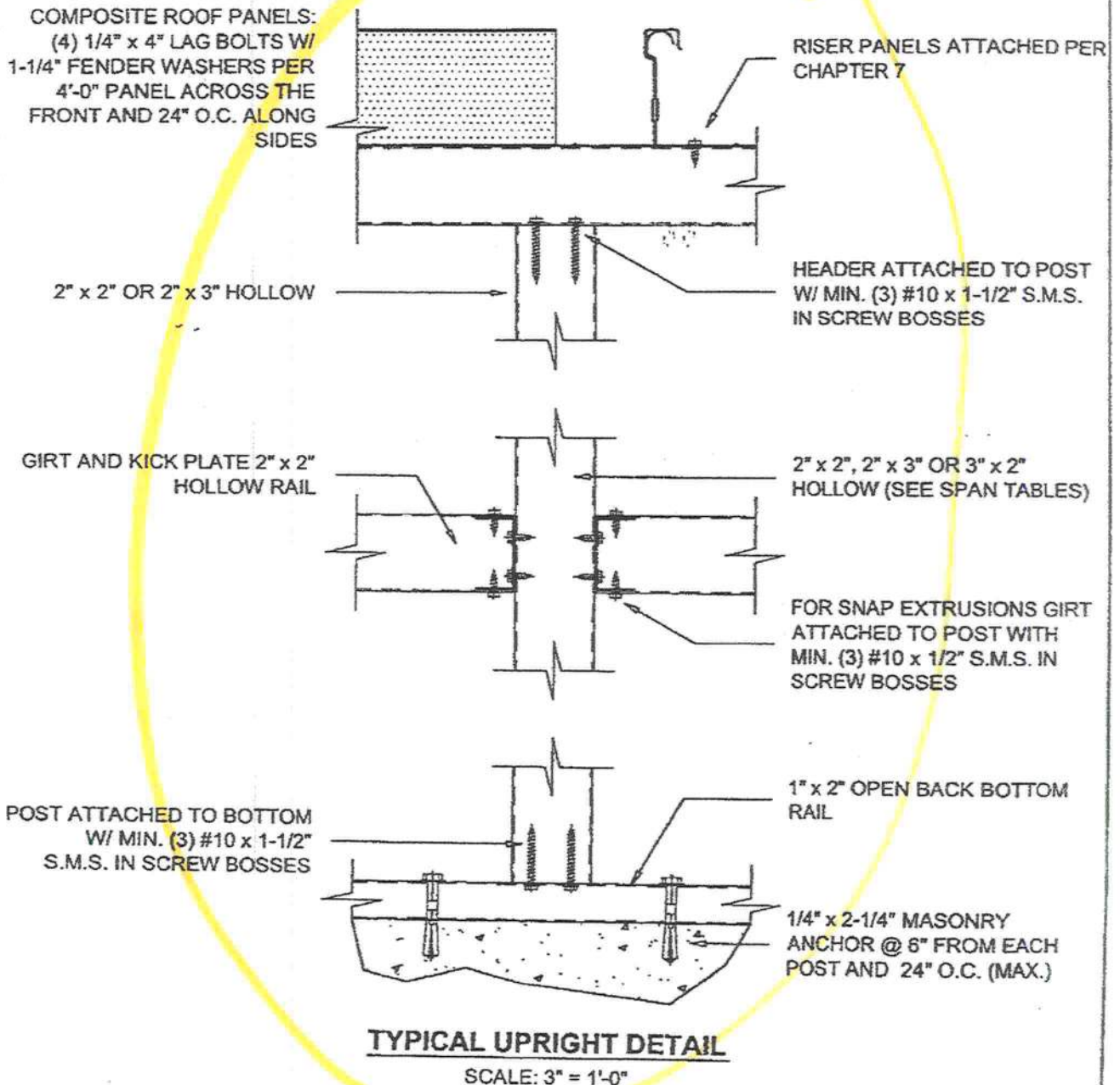
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FLUORID PULL ENCLOSURE Fax:4072606411



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Table 3A.1.1-120 Allowable Edge Beam Spans - Hollow Extrusions  
For Screen or Vinyl Rooms

For 3 second wind gust at 120 MPH velocity; using design load of 13 #/SF (43 #/SF for Max. Cantilever)  
Aluminum Alloy 6063 T-6

2" x 2" x 0.044"					2" x 2" x 0.055"				
Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')				Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')			
	1 & 2 Span	3 Span	4 Span	Max. Cantilever		1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	5'-1" d	6'-3" d	6'-4" d	1'-0" d	5	5'-4" d	6'-7" d	6'-9" d	1'-1" d
6	4'-9" d	5'-10" d	5'-11" b	0'-11" d	6	5'-0" d	6'-3" d	6'-4" d	1'-0" d
7	4'-6" d	5'-7" d	5'-6" b	0'-11" d	7	4'-9" d	5'-11" d	5'-11" b	0'-11" d
8	4'-4" d	5'-4" b	5'-1" b	0'-10" d	8	4'-7" d	5'-8" d	5'-7" b	0'-11" d
9	4'-2" d	5'-11" b	4'-10" b	0'-10" d	9	4'-5" d	5'-5" d	5'-3" b	0'-10" d
10	4'-0" d	4'-9" b	4'-7" b	0'-10" d	10	4'-3" d	5'-2" b	5'-0" b	0'-10" d
11	3'-11" d	4'-6" b	4'-4" b	0'-9" d	11	4'-1" d	4'-11" b	4'-9" b	0'-10" d
12	3'-9" d	4'-4" b	4'-2" b	0'-9" d	12	3'-11" d	4'-9" b	4'-7" b	0'-10" d
3" x 2" x 0.045"					3" x 2" x 0.070"				
Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')				Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')			
	1 & 2 Span	3 Span	4 Span	Max. Cantilever		1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	5'-8" d	7'-1" d	7'-2" d	1'-2" d	5	6'-5" d	7'-11" d	8'-1" d	1'-3" d
6	5'-4" d	6'-8" d	6'-9" d	1'-1" d	6	6'-0" d	7'-5" d	7'-7" d	1'-2" d
7	5'-1" d	6'-4" d	6'-5" d	1'-0" d	7	5'-9" d	7'-1" d	7'-3" d	1'-2" d
8	4'-11" d	6'-0" d	6'-2" b	0'-11" d	8	5'-6" d	6'-9" d	6'-11" d	1'-1" d
9	4'-8" d	5'-10" d	5'-9" b	0'-11" d	9	5'-3" d	6'-6" d	6'-8" d	1'-1" d
10	4'-6" d	5'-7" d	5'-6" b	0'-11" d	10	5'-1" d	6'-3" d	6'-5" d	1'-0" d
11	4'-5" d	5'-5" b	5'-3" b	0'-10" d	11	4'-11" d	6'-1" d	6'-3" d	0'-11" d
12	4'-3" d	5'-2" b	5'-0" b	0'-10" d	12	4'-9" d	5'-11" d	5'-11" b	0'-11" d
2" x 3" x 0.045"					2" x 4" x 0.050"				
Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')				Load Width (ft.)	Max. Span 'L' / (bending 'b' or deflection 'd')			
	1 & 2 Span	3 Span	4 Span	Max. Cantilever		1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	7'-1" d	8'-9" d	8'-9" b	1'-5" d	5	9'-2" d	11'-4" d	11'-2" b	1'-10" d
6	6'-8" d	8'-3" d	7'-11" b	1'-4" d	6	8'-8" d	10'-7" b	10'-3" b	1'-9" d
7	6'-4" d	7'-8" b	7'-5" b	1'-3" d	7	8'-2" d	9'-9" b	9'-5" b	1'-8" d
8	6'-1" d	7'-2" b	6'-11" b	1'-2" d	8	7'-10" d	9'-2" b	8'-10" b	1'-7" d
9	5'-10" d	6'-9" b	6'-6" b	1'-2" d	9	7'-6" d	8'-8" b	8'-4" b	1'-6" d
10	5'-7" d	6'-5" b	6'-2" b	1'-1" d	10	7'-3" d	8'-2" b	7'-11" b	1'-5" d
11	5'-5" d	6'-1" b	5'-11" b	1'-1" d	11	6'-11" b	7'-10" b	7'-7" b	1'-5" d
12	5'-3" b	5'-10" b	5'-8" b	1'-1" d	12	6'-8" b	7'-6" b	7'-3" b	1'-4" d

## 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.

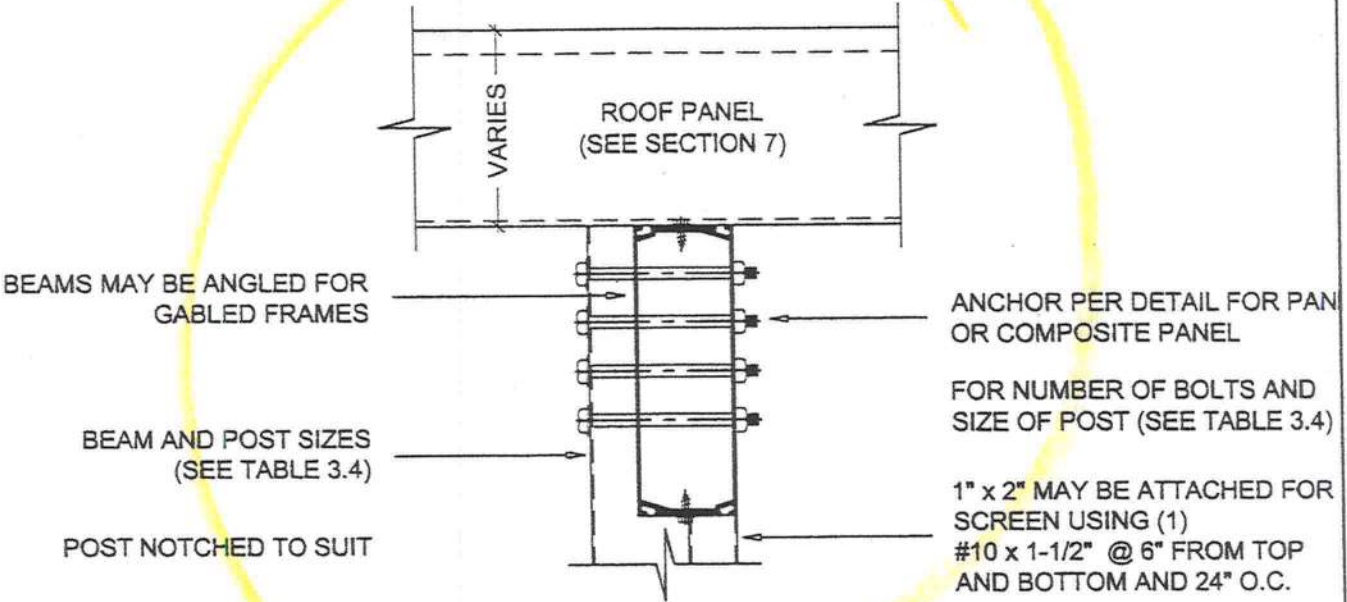
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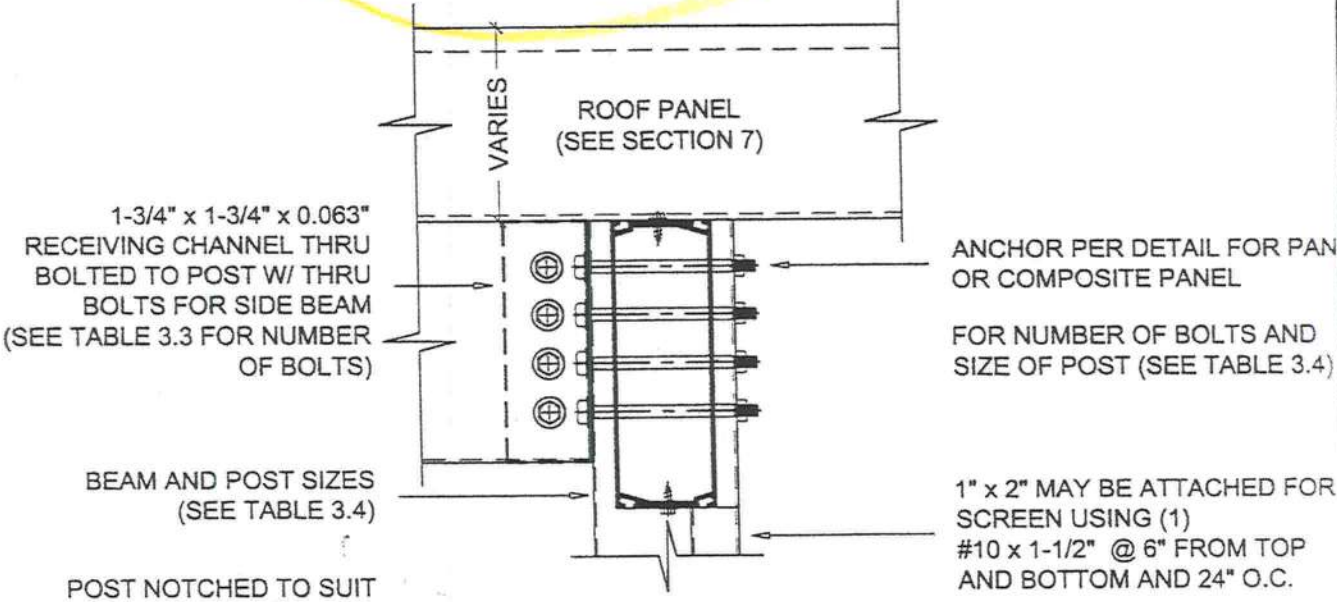
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**SIDE NOTCH POST TO CARRIER BEAM CONNECTION**

SCALE: 3" = 1'-0"



**CENTER NOTCH POST TO CARRIER BEAM CONNECTION**

SCALE: 3" = 1'-0"

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## SECTION 3A

## SCREEN, ACRYLIC &amp; 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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Table 2.1.2-130 Allowable Roof Beam Spans

For Attached Covers, Fourth Wall Structures, or Freestanding Gabled Carports  
For 3 sec. wind gust at 130 MPH; using design load of 16 #/SF (50 #/SF for Max. Cantilever)

Aluminum Alloy 6063 T-6

2" x 3" x 0.045" Hollow					2" x 3" x 0.050" Hollow Tilt				
Load	Max. Span 'L' / (bending 'b' or deflection 'd')				Load	Max. Span 'L' / (bending 'b' or deflection 'd')			
Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	6'-7" d	8'-2" d	7'-11" b	1'-4" d	5	6'-6" d	7'-11" b	7'-8" b	1'-4" d
6	6'-3" d	7'-5" b	7'-2" b	1'-3" d	6	6'-1" d	7'-3" b	7'-0" b	1'-3" d
7	5'-11" d	6'-11" b	6'-8" b	1'-2" d	7	5'-10" d	6'-9" b	6'-6" b	1'-2" d
8	5'-8" d	6'-5" b	6'-3" b	1'-2" d	8	5'-7" d	6'-4" b	6'-1" b	1'-1" d
9	5'-5" d	6'-1" b	5'-11" b	1'-1" d	9	5'-4" b	5'-11" b	5'-9" b	1'-1" d
10	5'-2" b	5'-9" b	5'-7" b	1'-1" d	10	5'-0" b	5'-8" b	5'-5" b	1'-1" d
11	4'-11" b	5'-6" b	5'-4" b	1'-0" d	11	4'-10" b	5'-4" b	5'-2" b	1'-0" d
12	4'-9" b	5'-3" b	5'-1" b	0'-11" d	12	4'-7" b	5'-2" b	4'-11" b	0'-11" d
2" x 4" x 0.045" Hollow Tilt					2" x 4" x 0.044" x 0.100" Self Mating Beam				
Load	Max. Span 'L' / (bending 'b' or deflection 'd')				Load	Max. Span 'L' / (bending 'b' or deflection 'd')			
Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	8'-2" d	9'-10" b	9'-6" b	1'-8" d	5	9'-7" d	11'-10" d	11'-10" b	1'-11" d
6	7'-9" d	8'-11" b	8'-8" b	1'-7" d	6	8'-11" d	11'-1" d	10'-10" b	1'-10" d
7	7'-4" d	8'-3" b	7'-11" b	1'-6" d	7	8'-6" d	10'-4" b	9'-11" b	1'-9" d
8	6'-11" b	7'-9" b	7'-6" b	1'-5" d	8	8'-2" d	9'-8" b	9'-4" b	1'-8" d
9	6'-6" b	7'-4" b	7'-1" b	1'-4" d	9	7'-10" d	9'-1" b	8'-10" b	1'-7" d
10	6'-2" b	6'-11" b	6'-8" b	1'-4" d	10	7'-7" d	8'-8" b	8'-4" b	1'-6" d
11	5'-11" b	6'-7" b	6'-5" b	1'-3" d	11	7'-4" d	8'-3" b	7'-11" b	1'-6" d
12	5'-8" b	6'-4" b	6'-1" b	1'-3" d	12	7'-1" b	7'-11" b	7'-8" b	1'-5" d
2" x 5" x 0.050" x 0.100" Self Mating Beam					2" x 6" x 0.050" x 0.120" Self Mating Beam				
Load	Max. Span 'L' / (bending 'b' or deflection 'd')				Load	Max. Span 'L' / (bending 'b' or deflection 'd')			
Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever	Width (ft.)	1 & 2 Span	3 Span	4 Span	Max. Cantilever
5	11'-10" d	14'-7" d	14'-8" b	2'-5" d	5	13'-10" d	17'-1" d	16'-11" b	2'-10" d
6	11'-2" d	13'-9" d	13'-4" b	2'-3" d	6	13'-0" d	15'-11" b	15'-5" b	2'-8" d
7	10'-7" d	12'-10" b	12'-4" b	2'-2" d	7	12'-5" d	14'-10" b	14'-4" b	2'-6" d
8	10'-1" d	11'-11" b	11'-7" b	2'-1" d	8	11'-10" d	13'-10" b	13'-5" b	2'-5" d
9	9'-9" d	11'-3" b	10'-11" b	1'-11" d	9	11'-5" d	13'-1" b	12'-7" b	2'-4" d
10	9'-5" d	10'-9" b	10'-4" b	1'-11" d	10	10'-11" d	12'-5" b	11'-11" b	2'-3" d
11	9'-1" d	10'-3" b	9'-10" b	1'-10" d	11	10'-7" b	11'-10" b	11'-5" b	2'-2" d
12	8'-9" b	9'-9" b	9'-5" b	1'-10" d	12	10'-1" b	11'-4" b	10'-11" b	2'-1" d

\* Gabled sloped roofs include gables with a roof slope greater than 1" in 12".

## 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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Table 2.3 Schedule of Post to Beam Size and Number of Thru-Bolts Required  
Aluminum Alloy 6063 T-6

Beam Size	Minimum Post Size	# Thru-Bolts @ L=D+½"		Minimum Knee Brace*	Minimum # Knee Brace Screws
		1/4" Ø	3/8" Ø		
Hollow Sections					
2" x 3" x 0.050" Hollow Tilt	3" x 3"x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 4" x 0.050" Hollow	3" x 3" x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
Self Mating Beams					
2" x 4" x 0.038" X 0.100	3" x 3"x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 5" x 0.050" X 0.100	3" x 3"x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #8
2" x 6" x 0.050" X 0.120	3" x 3"x 0.060" Scaloped	2	-	2" x 3" x 0.050"	(3) #10
2" x 7" x 0.055" x 0.120"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #10
2" x 7" x 0.055" x 0.120"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #10
2" x 8" x 0.072" x 0.224"	3" x 3" x 0.093"	3	2	2" x 4" x 0.050"	(3) #12
2" x 9" x 0.072" x 0.224"	3" x 3" x 0.125"	4	3	2" x 4" x 0.050"	(3) #14
2" x 9" x 0.082" x 0.306"	3" x 3" x 0.125"	4	3	2" x 4" x 0.050"	(3) #14
2" x 10" x 0.092" x 0.369"	4" x 4" x 0.125"	6	4	2" x 4" x 0.050"	(4) #14

The minimum number of thru bolts is (2)

\* Minimum post/beam may be used as minimum knee brace

Table 2.4.1 Footings - Maximum Roof Area for Attached Carport Posts

Wind Zone =	100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
Attached Cover Uplift * =	10 #/SF	45 #/SF	14 #/SF	15 #/SF	16 #/SF	19 #/SF	21 #/SF
Free Standing Uplift =	8 #/SF	9 #/SF	11 #/SF	12 #/SF	13 #/SF	15 #/SF	17 #/SF
Existing Slab on Grade with unknown reinforcement	22	19	15	15	13	11	10

Isolated Footing Dimensions**	Uplift Rating (lbs.)	Maximum Attributable Roof Area in Square Feet						
		100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
1'-0" x 1'-0" x 1'-0"	520	26	21	18	17	15	13	11
1'-4" x 1'-4" x 1'-4"	1000	50	41	34	33	29	26	22
1'-6" x 1'-6" x 1'-6"	1320	66	55	45	43	39	34	29
1'-8" x 1'-8" x 2'-0"	2040	102	85	70	67	60	52	45
1'-8" x 1'-8" x 2'-6"	2540	127	106	88	84	75	65	57
2'-0" x 2'-0" x 2'-0"	2640	132	110	91	87	78	68	59
2'-0" x 2'-0" x 2'-6"	3300	165	138	114	108	97	85	73
2'-6" x 2'-6" x 2'-6"	4000	230	191	158	151	135	118	102
2'-6" x 2'-6" x 3'-0"	4800	276	230	190	181	162	141	123

\* Roof areas based on attached cover uplift loads.

Notes:

1. Isolated Footing is a poured concrete rectangular solid (Length x Width x Depth).
2. Slab on grade must be new or in good condition.
3. For free standing covers, multiply above roof areas by 2.0.

#### Pre-Cast Block Footing

Pre-cast footing block ( 16" x 16" x 4" ) at 24" below grade with 80 # bag pre-mix concrete and backfilled to grade.

Dimensions	Uplift Rating (lbs.)	Maximum Attributable Roof Area in Square Feet						
		100 MPH	110 MPH	120 MPH	123 MPH	130 MPH	140 MPH	150 MPH
(1) x 80# Bag	1,734	87	72	60	57	51	44	38
(2) x 80# Bag	1,819	91	76	63	59	54	46	40
(3) x 80# Bag	1,904	95	79	66	62	56	49	42

Note: Maximum uplift on post is determined by multiplying maximum attributable roof area x applied load.

Example: Post tributary roof area = 77', Applied load for 110 MPH wind zone = 24#/Sq. Ft., Uplift on post = 77 x 24 = 1,540#

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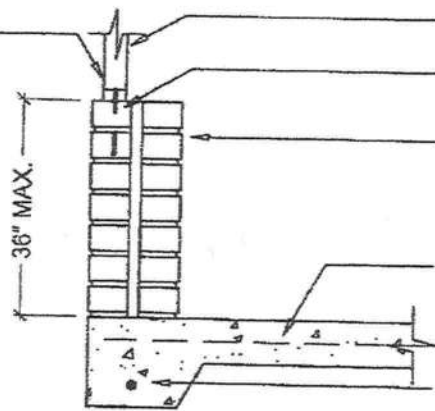


## GLASS &amp; MODULAR ROOMS

## SECTION 3B

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

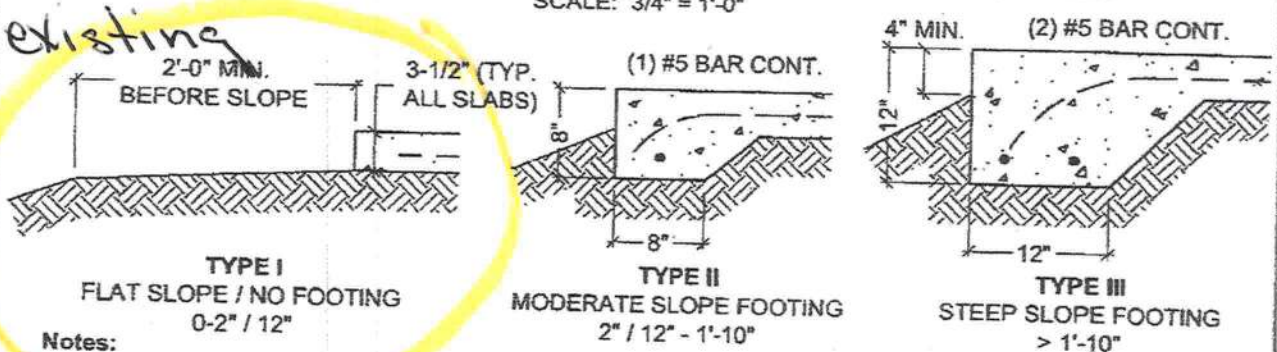
ALTERNATE CONNECTION OF  
SCREENED ENCLOSURE FOR  
BRICK OR OTHER NON-  
STRUCTURAL KNEE WALL  
1" WIDE x 0.063" THICK STRAP  
@ EACH POST FROM POST TO  
FOOTING W/ (2) #10 x 3/4"  
S.M.S. STRAP TO POST AND  
(1) 1/4" x 1-3/4" TAPCON TO  
SLAB OR FOOTING



ALUMINUM FRAME SCREEN  
WALL  
ROW LOCK  
BRICK KNEEWALL TYPE S  
MORTAR REQUIRED FOR  
LOAD BEARING BRICK WALL  
4" (NOMINAL) PATIO  
CONCRETE SLAB W/ 6 x 6 -  
10 x 10 WELDED WIRE MESH  
(SEE NOTES CONCERNING  
FIBER MESH)  
(1) #5 Ø BARS W/ 3" COVER  
(TYPICAL)

## 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"

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Apr 18 2005 11:45 P.11

FLORIDA FULL ENCLOSURE FAX: 4072606411



# SOLID ROOF PANEL PRODUCTS

## SECTION 7

**Table 7.4.1**      **Structall Building Systems Inc. Snap & Lock ® Composite Roof Panels**  
**Allowable Spans for Composite Roof Panels @ Various Loads**  
**Aluminum Alloy 3105 H-14, H-25 Foam Core E.P.S. 1# Density**  
**Manufacturers Proprietary Products:**

3" x 48" x 0.024" Roof Panel

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"

3" x 48" x 0.030" Roof Panel

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	24'-11"	27'-11"	27'-0"	23'-10"	26'-8"	25'-9"	18'-8"	20'-10"	20'-2"	4'-0"
110 MPH	24'-11"	27'-11"	27'-0"	21'-11"	24'-6"	23'-8"	16'-2"	19'-3"	18'-8"	4'-0"
120 MPH	23'-10"	26'-8"	25'-9"	20'-5"	22'-10"	22'-1"	14'-8"	17'-8"	15'-10"	4'-0"
123 MPH	22'-11"	25'-7"	24'-9"	19'-10"	22'-2"	21'-5"	14'-4"	16'-0"	15'-6"	4'-0"
130 MPH	21'-2"	23'-7"	22'-10"	18'-8"	20'-10"	20'-2"	13'-7"	15'-2"	14'-8"	4'-0"
140 MPH	14'-5"	16'-2"	15'-7"	14'-5"	16'-2"	15'-7"	12'-8"	14'-2"	13'-8"	4'-0"
150 MPH	14'-5"	16'-2"	15'-7"	14'-5"	16'-2"	15'-7"	11'-2"	13'-2"	12'-9"	4'-0"

4" x 48" x 0.024" Roof Panel

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"

4" x 48" x 0.030" Roof Panel

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	27'-11"	31'-4"	30'-3"	26'-8"	29'-10"	28'-10"	20'-10"	23'-4"	22'-6"	4'-0"
110 MPH	27'-11"	31'-4"	30'-3"	24'-7"	27'-5"	26'-6"	19'-4"	21'-7"	20'-10"	4'-0"
120 MPH	26'-8"	29'-10"	28'-10"	22'-10"	25'-7"	24'-8"	17'-8"	19'-10"	19'-1"	4'-0"
123 MPH	25'-8"	28'-8"	27'-9"	22'-2"	24'-10"	23'-11"	16'-0"	19'-3"	18'-7"	4'-0"
130 MPH	23'-8"	26'-5"	25'-7"	20'-10"	23'-4"	22'-6"	15'-2"	18'-1"	17'-6"	4'-0"
140 MPH	16'-2"	18'-1"	17'-6"	16'-2"	18'-1"	17'-6"	14'-2"	15'-10"	15'-4"	4'-0"
150 MPH	16'-2"	18'-1"	17'-6"	16'-2"	18'-1"	17'-6"	13'-2"	14'-9"	14'-3"	4'-0"

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



350 BURBANK ROAD,  
 OLOSMAR, FLORIDA 34677  
 NATIONWIDE 1-800-229-5257  
 LOCAL 813-855-2627  
 FAX 813-855-8128

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P.10 Apr 18 2005 11:44

FLUKTIDR FUL ENLUSURE FAX:4072606411



Notice of Prevention for Subterranean Termites  
(As required by Florida Building Code (FBC) 104.2.6)

23224



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17856 U.S. 129 • McALPIN, FLORIDA 32062  
(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

1454 Frontier Dr Lake City

Address of Treatment or Lot/Block of Treatment

8/16/05

Date

6:05

Time

John Froddasio

Applicator

Terminator S.C.

Product Used

Fipronil

Chemical used (active ingredient)

21

Number of gallons applied

.06%

Percent Concentration

440

Area treated (square feet)

52

Linear feet treated

adjoining slab

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

As per 104.2.6 - If soil chemical barrier method for Subterranean termite prevention is used, final exterior treatment shall be completed prior to final building approval.  
If this notice is for the final exterior treatment, initial and date this line.