

DATE 10/07/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023694

APPLICANT VINCE RICHARDSON PHONE 755-5779

ADDRESS 692 SW ARLINGTON BLVD LAKE CITY FL 32025

OWNER DAVID & TRACY LACAGNINA PHONE 755-7985

ADDRESS 487 NW LAKE VALLEY TERR LAKE CITY FL 32055

CONTRACTOR VINCE RICHARDSON PHONE 755-5779

LOCATION OF PROPERTY LAKE JEFFREY RD, TL ON SCENIC LAKE DRIVE, TR ON LAKE VALLEY RD, 11TH LOT ON LEFT

TYPE DEVELOPMENT SCREEN ROOM ESTIMATED COST OF CONSTRUCTION 5847.00

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 X PP DEVELOPMENT PERMIT NO.

PARCEL ID 22-3S-16-02269-113 SUBDIVISION WOODBOROUGH

LOT 13 BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No. Culvert Waiver Contractor's License Number 5129 Applicant/Owner/Contractor Vince Richardson

EXISTING X05-0276 BK JH N

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

COMMENTS:

Check # or Cash 1813

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE \$ 30.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00

MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$.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 INCONVENIENCE, 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

Revised 9-23-04

For Office Use Only Application # 0509-94 Date Received 9/29/05 By GT Permit # 23694
Application Approved by - Zoning Official B2K Date 05.10.05 Plans Examiner OK JTH Date 10-5-05
Flood Zone Xp Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. L. Dev.
Comments _____

Applicants Name Vince Richardson Richardson ALUMINUM. LLC Phone 386-755-5779
Address 692 S.W. Arlington Blvd. LAKE CITY, FL 32025
Owners Name Lacagnina David W + Tracy A Phone 386-755-7985
911 Address 187 NW Lake Valley Terr. Lake City Fla. 32055
Contractors Name Richardson ALUMINUM LLC Vince Richardson Phone 386-755-5779
Address 692 S.W. Arlington Blvd LAKE CITY, FL 32025
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address _____
Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 22-3S-16-02269-113 HX Estimated Cost of Construction 5,847.30
Subdivision Name Woodborough Lot 13 Block _____ Unit _____ Phase 8
Driving Directions Lake Jeffery to Woodborough Sub. Take 1st (R)
Lake Valley. House on Left (Look for Job sign) house on (L)

Type of Construction Screen Room Number of Existing Dwellings on Property 1
Total Acreage .5 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 106 ✓ Side 43 ✓ Side 78 ✓ Rear 128 ✓
Total Building Height 9' Number of Stories 1 Heated Floor Area 0 Roof Pitch 1/2/12

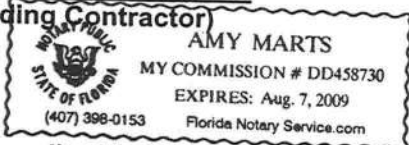
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

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) Vince Richardson

STATE OF FLORIDA
COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me

this 29th day of September 2005.

Personally known X or Produced Identification _____

Vince Richardson
Contractor Signature

Contractors License Number _____

Competency Card Number 5129

NOTARY STAMP/SEAL

Amy Marts
Notary Signature

Columbia County Property Appraiser

DB Last Updated: 8/3/2005

Parcel: 22-3S-16-02269-113 HX

2005 Proposed Values

Tax Record Property Card Interactive GIS Map Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	LACAGNINA DAVID W & TRACY A
Site Address	LAKE VALLEY
Mailing Address	487 NW LAKE VALLEY TERR LAKE CITY, FL 32055
Brief Legal	AKA LOT 13 LAKE VALLEY IN WOODBOROUGH PHASE 8: COMM SW COR OF E 350 FT OF NW1/4 OF

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	22316.01
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$21,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$171,895.00
XFOB Value	cnt: (2)	\$6,314.00
Total Appraised Value		\$199,209.00

Just Value	\$199,209.00
Class Value	\$0.00
Assessed Value	\$199,209.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$174,209.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
11/15/2004	1031/397	WD	I	Q		\$254,900.00
2/5/2003	974/1927	WD	V	Q		\$24,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2004	WD FR Stucco (16)	2342	3183	\$171,895.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0180	FPLC 1STRY	2004	\$2,000.00	1.000	0 x 0 x 0	(.00)
0166	CONC,PAVMT	2004	\$4,314.00	2157.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	\$21,000.00	\$21,000.00

Columbia County Property Appraiser

DB Last Updated: 8/3/2005

Disclaimer



Columbia County Tax Collector

Site Provided by...
governmax.com T1.2

Tax Record

print

Account Number
1 of 1

Details

Tax Record

» Print View
Shopping Cart
License Renewal
Property Info →

Searches

Account
Number
Owner Name
Mailing Address

Site Functions

Welcome
Tax Search
Occupational Lic.
Feedback
Online Help
Home

DATA VIEW AS OF: 8/12/2005 9:53:04 AM ET

Ad Valorem Taxes and Non-Ad Valorem Assessments

The information contained herein does not constitute a title search and should not be relied on as such.

Account Number	Tax Type	Tax Year	
R02269-113	Real Estate	2004	
Mailing Address ISAAC CONSTRUCTION INC RT 9 BX 646 LAKE CITY FL 32024			
Parcel ID 106020.0000			
Assessed Value	Exempt Amount	Taxable Value	
\$21,000.00	\$0.00	\$21,000.00	
Exemption Detail NO EXEMPTIONS		Millage Rate 002 19.14740	
Legal Description AKA LOT 13 LAKE VALLEY IN WOODBOROUGH PHASE 8: COMM SW COR OF E 350 FT OF NW1/4 OF SE1/4, RUN E 7.22 FT TO PT OF A CURVE, BEING A PT ON E R/W OF NW LAKE VALLEY DR, RUN SE'LY ALONG ARC OF CURVE 8.64 FT, S 37 DEG E ALONG R/W 165.86 FT FOR POB, RUN N 52 DEG E 255.67 FT, S 29 DEG E 146.48 FT, S 52 DEG W 234.89 FT TO E R/W OF NW LAKE VALLEY DR, N 37 DEG W ALONG R/W 145 FT TO POB. ORB 974-1927,			
Tax Districts Detail			
Code	Description	Exemption	Amount
C001	BOARD OF COUNTY COMMISSIONERS	\$0.00	\$183.25
S002	COLUMBIA COUNTY SCHOOL BOARD	\$0.00	\$174.13
W SR	SUWANNEE RIVER WATER MGT DIST	\$0.00	\$10.32
HLSH	LAKE SHORE HOSPITAL AUTH	\$0.00	\$31.50
IIDA	INDUSTRIAL DEVELOPEMENT AUTH	\$0.00	\$2.90
FFIR	FIRE ASSESSMENTS	\$0.00	\$5.22
		Total Gross	\$407.32
		Discount	(\$16.29)
		Total	\$391.03
If Paid By		Amount Due	
		\$0.00	

Date Paid	Transaction	Receipt	Amount Paid
11/30/2004	PAYMENT	2700648.0001	\$391.03

Prior Year Taxes Due
NO DELINQUENT TAXES

AKA LOT 13 LAKE VALLEY IN LACAGINA DAVID W & TRACY A 22-35-16-02269-113
WOODBROUGH PHASE 8: COMM SW 487 NW LAKE VALLEY TERR
COR OF E 350 FT OF NW1/4 OF
SE1/4, RUN E 7.22 FT TO PT OF LAKE CITY FL 32055

Columbia County 2005 R
CARD 001 of 001
PRINTED 8/03/2005 13:41 BY JEFF
APPR 10/12/2004 HC

Columbia County 2005 R

USE 000100 SINGLE FAM	AE? Y	2342 HTD AREA	154.487 INDEX	22316.01 NBHD	PROP USE	000100 SINGLE FAMILY
MOD 1 SEP	BATH 2 00	2761 SEE AREA	62 340 E-DIST	100 000 TRND	OWN 00 23 100	

1 ----- BLDG TRAVEER
2 BAS2004-W29 S15 W3 FOP2004-W22S E8 /S3 E3
3 / E8 N6 /E3 N3\$/ /S3 W3/ S6 W8 /W3 N3/ W8
4 /S3 W3/ S40 E7 S1 E6 N1 E3 FOP2004= S3 E8
5 N6 W1 N4 W6 S4 W3 E1 N7E6 S4 E12 FGR2004=
6 S2S E2S N2S W2S E2S N51\$.

3	NUMBER	DESC	PERMITS	AMT	ISSUED
3	21457	SFR		618	2/02/2004
3					
3			SALE		
3	BOOK	PAGE	DATE	PRICE	

TOTAL	3183	2751	171895	-----	GRANTEE ISAAC CONST INC
-------	------	------	--------	-------	-------------------------

LAND AE CODE Y 000100	DESC SFR	ZONE TOPO	ROAD UTL1 {UD2 {UD4	FRONT BACK	DEPTH DT	FIELD CK: ADJUSTMENTS	UNITS UT	PRICE LT	ADJ UT PR 21000.00	LAND VALUE 21,000
0003	0003					1.00 1.00 1.00 1.00	1.000	21000.000		

2005

COMPOSITE ROOF PANELS:
(4) 1/4" x 4" LAG BOLTS W/
1-1/4" FENDER WASHERS PER
4'-0" PANEL ACROSS THE
FRONT AND 24" O.C. ALONG
SIDES

2" x 2" OR 2" x 3" HOLLOW

RISER PANELS ATTACHED PER
CHAPTER 7

HEADER ATTACHED TO POST
W/ MIN. (3) #10 x 1-1/2" S.M.S.
IN SCREW BOSSES

GIRT AND KICK PLATE 2" x 2"
HOLLOW RAIL

2" x 2", 2" x 3" OR 3" x 2"
HOLLOW (SEE SPAN TABLES)

FOR SNAP EXTRUSIONS GIRT
ATTACHED TO POST WITH
MIN. (3) #10 x 1/2" S.M.S. IN
SCREW BOSSES

POST ATTACHED TO BOTTOM
W/ MIN. (3) #10 x 1-1/2" S.M.S. IN
SCREW BOSSES

1" x 2" OPEN BACK BOTTOM
RAIL

1/4" x 2-1/4" MASONRY
ANCHOR @ 6" FROM EACH
POST AND 24" O.C. (MAX.)

TYPICAL UPRIGHT DETAIL

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E.
CIVIL ENGINEER - DEVELOPMENT CONSULTANT
P.O. BOX 214368, SOUTH DAYTONA, FL 32121
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FAX (386) 767-6556

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SECTION 3

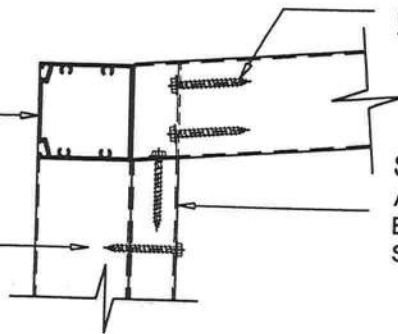
SCREEN, ACRYLIC / VINYL, GLASS & MODULAR ROOMS

ALTERNATE CONNECTION:
(2) #10 x 1-1/2" S.M.S.
THROUGH SPLINE GROOVES

EDGE BEAM

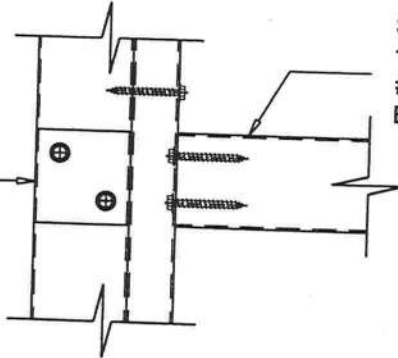
1" x 2" OPEN BACK ATTACHED
TO FRONT POST W/
#10 x 1-1/2" S.M.S. MAX. 6"
FROM EACH END OF POST
AND 24" O.C.

SIDE WALL HEADER
ATTACHED TO 1" x 2" OPEN
BACK W/ MIN. (2) #10 x 1-1/2"
S.M.S.



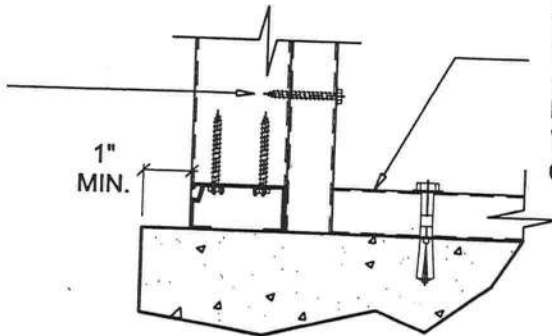
FRONT WALL GIRT

SIDE WALL GIRT ATTACHED TO
1" x 2" OPEN BACK W/ MIN. (3)
#10 x 1-1/2" S.M.S. IN SCREW
BOSSSES



1" x 2" OPEN BACK ATTACHED
TO FRONT POST W/
#10 x 1-1/2" S.M.S. MAX. 6"
FROM EACH END OF POST
AND 24" O.C.

FRONT AND SIDE BOTTOM
RAILS ATTACHED TO
CONCRETE W/ 1/4" x 2-1/4"
CONCRETE / MASONRY
ANCHORS @ 6" FROM EACH
POST AND 24" O.C. MAX. AND
WALLS MIN. 1" FROM EDGE OF
CONCRETE



TYPICAL & ALTERNATE CORNER DETAIL

SCALE: 3" = 1'-0"

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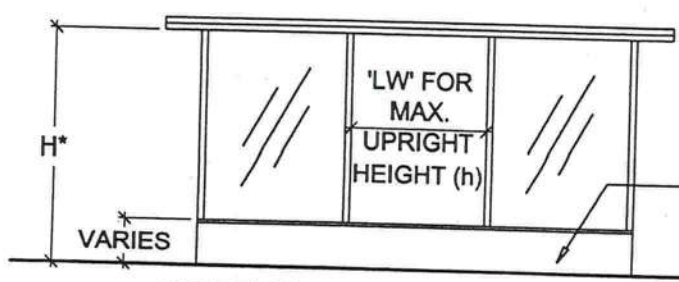
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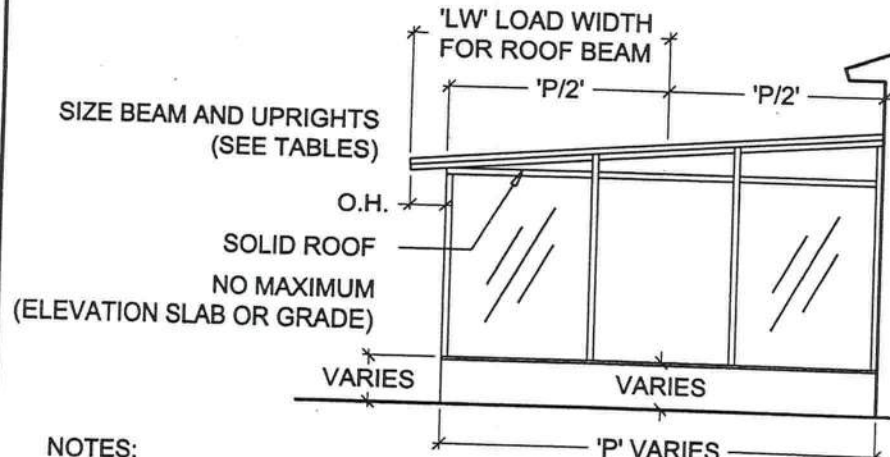
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EDGE BEAM TABLES:
SCREEN & VINYL ROOMS:
3.1.1, 3.1.2
GLASS ROOMS:
(PARTIALLY ENCLOSED) 3.2.1,
3.2.2
(ENCLOSED) 3.3.1, 3.3.2, 3.3.3



1" x 2"
MIN. 3-1/2" SLAB ON GRADE
OR RAISED FOOTING
(FOR FOOTINGS SEE DETAILS
PAGE 3-23, 24, 25)

TYPICAL GLASS ROOM WITH SOLID ROOF
TYPICAL FRONT VIEW FRAMING
* (HEIGHT OF UPRIGHT IS MEASURED FROM
TOP OF 1" x 2" PLATE TO BOTTOM OF WALL BEAM)



ALTERNATE CONNECTION
@ FASCIA ALLOWED
(SEE SECTION 7 FOR DETAILS)

P = PROJECTION FROM BLDG.
LW = LOAD WIDTH

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 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 TABLE 3.1.3 AND GLASS ROOM FOURTH WALL BEAMS FROM TABLE 3.1.5 USING P/2
- 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 / GLASS ROOM

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

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**Table 3.1.5 Allowable Upright Heights, Chair Rail Spans or Header Spans
For Screen Rooms 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 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 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

For 3 second wind gust at 130 MPH velocity; using design load of 15 #/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'-1" b	7'-6" b	6'-11" b	6'-7" b	6'-3" b	5'-11" b	5'-8" b	5'-6" b	5'-3" b	5'-1" b
2" x 2" x 0.055" Hollow	8'-10" b	8'-2" b	7'-7" b	7'-2" b	6'-10" b	6'-6" b	6'-3" b	5'-11" b	5'-9" b	5'-7" b
3" x 2" x 0.045" Hollow	9'-8" b	8'-11" b	8'-4" b	7'-11" b	7'-6" b	7'-2" b	6'-10" b	6'-7" b	6'-4" b	6'-1" b
3" x 2" x 0.070" Hollow	11'-6" b	10'-8" b	9'-11" b	9'-5" b	8'-11" b	8'-6" b	8'-2" b	7'-10" b	7'-6" b	7'-3" b
2" x 3" x 0.045" Hollow	11'-11" b	11'-1" b	10'-4" b	9'-9" b	9'-3" b	8'-10" b	8'-5" b	8'-2" b	7'-10" b	7'-7" b
2" x 4" x 0.050" Hollow	13'-11" b	12'-11" b	12'-1" b	11'-4" b	10'-9" b	10'-3" b	9'-10" b	9'-5" b	9'-1" b	8'-10" b
2" x 5" x 0.050" S.M.B.	20'-2" b	18'-8" b	17'-6" b	16'-6" b	15'-8" b	14'-11" b	14'-3" b	13'-9" b	13'-3" b	12'-9" b
2" x 6" x 0.050" S.M.B.	22'-4" b	20'-8" b	19'-4" b	18'-3" b	17'-3" b	16'-6" b	15'-9" b	15'-2" b	14'-7" b	14'-1" b
2" x 2" x 0.044" Snap	9'-7" b	8'-11" b	8'-4" b	7'-10" b	7'-5" b	7'-1" b	6'-9" b	6'-6" b	6'-3" b	6'-1" b
2" x 3" x 0.045" Snap	12'-4" b	11'-5" b	10'-8" b	10'-1" b	9'-6" b	9'-1" b	8'-8" b	8'-4" b	8'-1" b	7'-9" b
2" x 4" x 0.045" Snap	15'-1" b	13'-11" b	13'-0" b	12'-4" b	11'-8" b	11'-1" b	10'-8" b	10'-3" b	9'-10" b	9'-6" 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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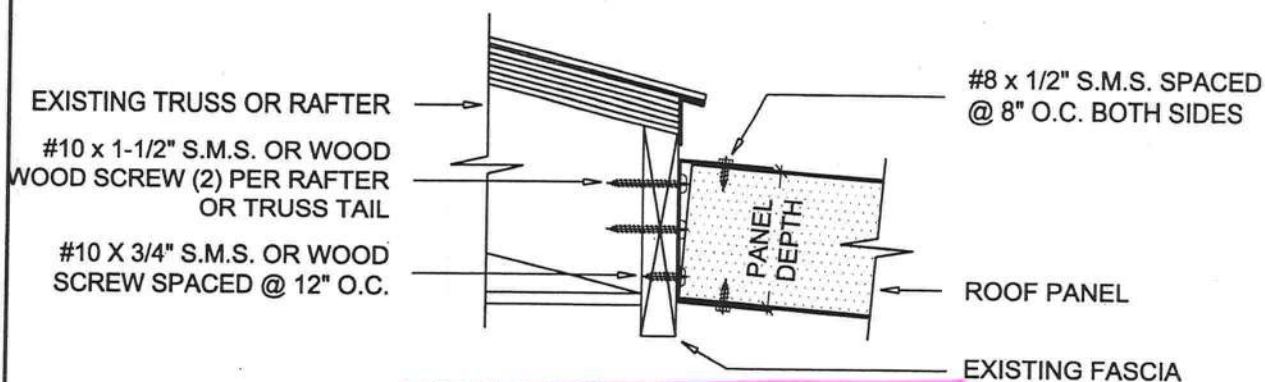
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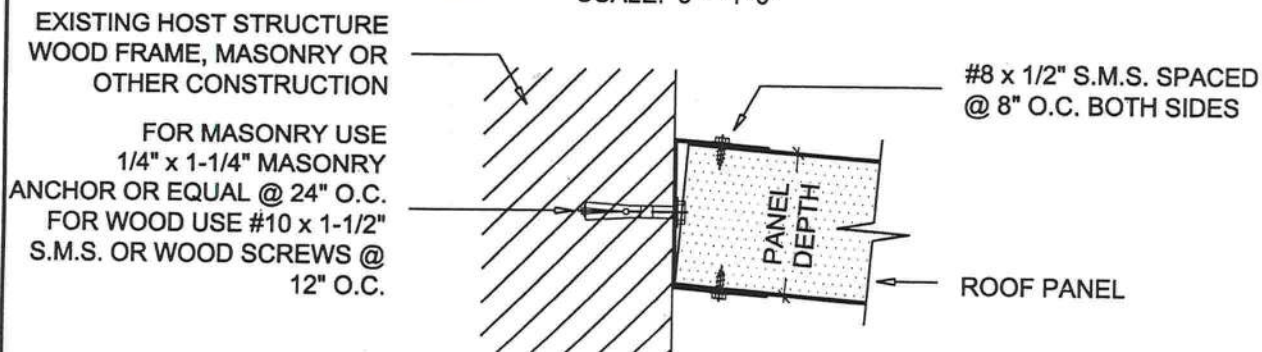
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COMPOSITE ROOF ANCHORING DETAILS**ROOF PANEL TO FASCIA DETAIL**

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.

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Table 7.1.4 Allowable Spans for Industry Standard Riser Panels for Various Loads
Aluminum Alloy 3105 H-28

3" x 12" x 0.024" 2 or 5 Rib Riser Panels							Glass Rooms						Overhang / Cantilever All Roofs
Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Partially Enclosed			Enclosed			
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	16'-1"	19'-10"	20'-3"	15'-1"	19'-2"	19'-7"	11'-5"	14'-7"	14'-11"	12'-9"	15'-9"	16'-1"	4'-0"
110 MPH	15'-7"	19'-10"	20'-3"	14'-0"	18'-2"	18'-6"	10'-8"	13'-7"	13'-10"	11'-6"	14'-10"	15'-1"	4'-0"
120 MPH	14'-8"	19'-2"	19'-7"	13'-5"	17'-4"	17'-8"	10'-1"	12'-10"	13'-1"	10'-11"	13'-11"	14'-2"	4'-0"
123 MPH	14'-6"	18'-9"	19'-1"	13'-3"	16'-4"	17'-4"	9'-11"	12'-7"	12'-10"	10'-9"	13'-8"	13'-11"	4'-0"
130 MPH	14'-0"	17'-9"	18'-1"	12'-9"	15'-9"	16'-1"	9'-7"	11'-10"	12'-5"	10'-4"	13'-2"	13'-5"	3'-11"
140 MPH	11'-2"	13'-9"	14'-0"	11'-2"	13'-9"	14'-0"	9'-2"	11'-4"	11'-6"	9'-10"	12'-7"	12'-10"	3'-9"
150 MPH	11'-2"	13'-9"	14'-0"	11'-2"	13'-9"	14'-0"	8'-9"	10'-10"	11'-0"	9'-5"	11'-7"	12'-3"	3'-7"

3" x 12" x 0.030" 2 or 5 Rib Riser Panels							Glass Rooms						Overhang / Cantilever All Roofs
Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Partially Enclosed			Enclosed			
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	17'-4"	21'-5"	21'-10"	16'-4"	20'-9"	21'-2"	12'-9"	15'-9"	16'-1"	13'-9"	17'-7"	17'-11"	4'-0"
110 MPH	17'-4"	21'-5"	21'-10"	15'-2"	19'-7"	20'-0"	11'-6"	14'-8"	14'-11"	12'-11"	15'-11"	16'-4"	4'-0"
120 MPH	15'-10"	20'-9"	21'-2"	14'-6"	18'-8"	19'-1"	10'-11"	13'-10"	14'-1"	11'-9"	15'-0"	15'-4"	4'-0"
123 MPH	15'-8"	20'-2"	20'-7"	14'-3"	18'-4"	18'-9"	10'-9"	13'-7"	13'-11"	11'-7"	14'-9"	15'-1"	4'-0"
130 MPH	15'-2"	19'-2"	19'-6"	13'-9"	17'-7"	17'-11"	10'-4"	13'-2"	13'-5"	11'-2"	14'-3"	14'-6"	4'-0"
140 MPH	12'-0"	14'-10"	15'-2"	12'-0"	14'-10"	15'-2"	9'-11"	12'-6"	12'-9"	10'-8"	13'-7"	13'-10"	4'-0"
150 MPH	12'-0"	14'-10"	15'-2"	12'-0"	14'-10"	15'-2"	9'-5"	11'-8"	11'-11"	10'-2"	12'-11"	13'-3"	3'-10"

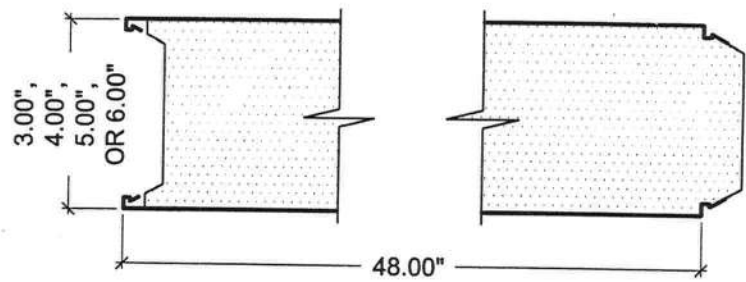
3" x 12" x 0.050" 2 or 5 Rib Riser Panels							Glass Rooms						Overhang / Cantilever All Roofs
Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms & Attached Covers			Partially Enclosed			Enclosed			
	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	1&2 span	3 span	4 span	
100 MPH	20'-3"	25'-0"	25'-6"	19'-7"	24'-3"	24'-9"	14'-11"	18'-11"	19'-4"	16'-1"	20'-7"	20'-11"	4'-0"
110 MPH	20'-3"	25'-0"	25'-6"	18'-7"	22'-11"	23'-5"	13'-11"	17'-9"	18'-1"	15'-2"	19'-7"	19'-11"	4'-0"
120 MPH	19'-7"	24'-3"	24'-9"	17'-8"	21'-10"	22'-4"	13'-1"	16'-2"	16'-6"	14'-2"	18'-5"	18'-10"	4'-0"
123 MPH	19'-1"	23'-7"	24'-1"	17'-4"	21'-5"	21'-10"	12'-11"	15'-11"	16'-3"	13'-11"	18'-1"	18'-5"	4'-0"
130 MPH	18'-1"	22'-4"	22'-10"	16'-1"	20'-7"	20'-11"	12'-5"	15'-5"	15'-8"	13'-6"	17'-4"	17'-8"	4'-0"
140 MPH	14'-1"	17'-4"	17'-8"	14'-1"	17'-4"	17'-8"	11'-7"	14'-8"	14'-11"	12'-10"	15'-11"	16'-3"	4'-0"
150 MPH	14'-1"	17'-4"	17'-8"	14'-1"	17'-4"	17'-8"	11'-0"	14'-0"	14'-4"	12'-3"	15'-2"	15'-6"	4'-0"

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

Not Using

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MANUFACTURERS PROPRIETARY PRODUCTS



1.0 # DENSITY E.P.S. FOAM & 3105 H-14 OR H-25 ALUMINUM ALLOY
(PATENT # 4,769,963 AND 5,086,599)

Structall Building Systems

SNAP - N - LOCK PANEL®

SCALE: 3" = 1'-0"



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SECTION 7

SOLID ROOF PANEL PRODUCTS

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: Aluminum Alloy 3105 H-14 or H-25 Foam Core E.P.S. #1 Density

3" x 48" x 0.024" Roof Panel

Wind Region	Open Structures Mono-Sloped Roof			Screen Rooms Mono-Sloped Roof			Partially Enclosed			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	1&2 span	3 span	4 span	
100 MPH	21'-4"	23'-10"	23'-0"	20'-4"	22'-9"	21'-11"	13'-6"	15'-1"	14'-7"	15'-1"	17'-9"	16'-3"	4'-0"
110 MPH	21'-4"	23'-10"	23'-0"	18'-8"	20'-11"	20'-2"	11'-7"	13'-6"	13'-1"	13'-9"	15'-4"	14'-10"	4'-0"
120 MPH	20'-4"	22'-9"	21'-11"	17'-5"	19'-5"	18'-10"	10'-8"	12'-5"	11'-6"	12'-6"	13'-11"	13'-6"	4'-0"
123 MPH	19'-6"	21'-10"	21'-1"	15'-11"	18'-11"	18'-3"	10'-5"	11'-7"	11'-3"	11'-8"	13'-8"	13'-2"	4'-0"
130 MPH	18'-0"	20'-2"	19'-5"	15'-1"	17'-9"	16'-3"	9'-10"	10'-11"	10'-7"	11'-1"	12'-11"	12'-6"	4'-0"
140 MPH	12'-4"	13'-9"	13'-3"	12'-4"	13'-9"	13'-3"	9'-2"	10'-3"	9'-11"	10'-3"	11'-6"	11'-1"	4'-3"
150 MPH	12'-4"	13'-9"	13'-3"	12'-4"	13'-9"	13'-3"	8'-7"	9'-7"	9'-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 Mono-Sloped Roof			Partially Enclosed			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	1&2 span	3 span	4 span	
100 MPH	24'-11"	27'-11"	27'-0"	23'-10"	26'-8"	25'-9"	15'-10"	18'-5"	17'-10"	18'-8"	20'-10"	20'-2"	4'-0"
110 MPH	24'-11"	27'-11"	27'-0"	21'-11"	24'-6"	23'-8"	14'-2"	15'-10"	15'-4"	16'-2"	19'-3"	18'-8"	4'-0"
120 MPH	23'-10"	26'-8"	25'-9"	20'-5"	22'-10"	22'-1"	12'-11"	14'-6"	14'-0"	14'-8"	17'-8"	15'-10"	4'-0"
123 MPH	22'-11"	25'-7"	24'-9"	19'-10"	22'-2"	21'-5"	12'-8"	14'-2"	13'-9"	14'-4"	16'-0"	15'-6"	4'-0"
130 MPH	21'-2"	23'-7"	22'-10"	18'-8"	20'-10"	20'-2"	11'-6"	13'-6"	13'-0"	13'-7"	15'-2"	14'-8"	4'-0"
140 MPH	14'-5"	16'-2"	15'-7"	14'-5"	16'-2"	15'-7"	10'-9"	12'-6"	11'-7"	12'-8"	14'-2"	13'-8"	4'-0"
150 MPH	14'-5"	16'-2"	15'-7"	14'-5"	16'-2"	15'-7"	10'-0"	11'-3"	10'-10"	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 Mono-Sloped Roof			Partially Enclosed			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	1&2 span	3 span	4 span	
100 MPH	23'-5"	26'-2"	25'-3"	22'-3"	24'-11"	24'-1"	14'-9"	16'-6"	15'-11"	17'-5"	19'-6"	18'-10"	4'-0"
110 MPH	23'-5"	26'-2"	25'-3"	20'-6"	22'-11"	22'-2"	13'-3"	14'-10"	14'-4"	15'-1"	18'-0"	17'-5"	4'-0"
120 MPH	22'-3"	24'-11"	24'-1"	19'-1"	21'-4"	20'-7"	11'-8"	13'-7"	13'-2"	13'-9"	15'-4"	14'-10"	4'-0"
123 MPH	21'-5"	23'-11"	23'-2"	18'-6"	20'-9"	20'-0"	11'-5"	13'-3"	12'-10"	13'-5"	14'-11"	14'-6"	4'-0"
130 MPH	19'-9"	22'-1"	21'-4"	17'-5"	19'-6"	18'-10"	10'-9"	12'-7"	11'-8"	12'-8"	14'-2"	13'-8"	4'-0"
140 MPH	13'-6"	15'-1"	14'-7"	13'-6"	15'-1"	14'-7"	10'-1"	11'-3"	10'-10"	11'-3"	13'-3"	12'-9"	4'-0"
150 MPH	13'-6"	15'-1"	14'-7"	13'-6"	15'-1"	14'-7"	9'-5"	10'-6"	10'-2"	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 Mono-Sloped Roof			Partially Enclosed			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	1&2 span	3 span	4 span	
100 MPH	27'-9"	30'-11"	29'-11"	26'-5"	29'-6"	28'-7"	18'-3"	20'-5"	19'-9"	20'-8"	23'-1"	22'-4"	4'-0"
110 MPH	27'-9"	30'-11"	29'-11"	24'-4"	27'-2"	26'-3"	15'-9"	18'-6"	17'-11"	19'-1"	21'-5"	20'-8"	4'-0"
120 MPH	26'-5"	29'-6"	28'-7"	22'-8"	25'-4"	24'-5"	14'-5"	16'-1"	15'-7"	17'-6"	19'-7"	18'-11"	4'-0"
123 MPH	25'-5"	28'-5"	27'-5"	21'-11"	24'-7"	23'-9"	14'-1"	15'-9"	15'-2"	15'-10"	19'-0"	18'-5"	4'-0"
130 MPH	23'-5"	26'-2"	25'-4"	20'-8"	23'-1"	22'-4"	13'-4"	14'-11"	14'-5"	15'-0"	17'-11"	16'-3"	4'-0"
140 MPH	15'-11"	17'-11"	17'-3"	15'-11"	17'-11"	17'-3"	12'-5"	13'-10"	13'-5"	14'-0"	15'-8"	15'-2"	4'-0"
150 MPH	15'-11"	17'-11"	17'-3"	15'-11"	17'-11"	17'-3"	11'-2"	12'-11"	12'-6"	13'-1"	14'-7"	14'-1"	4'-0"

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

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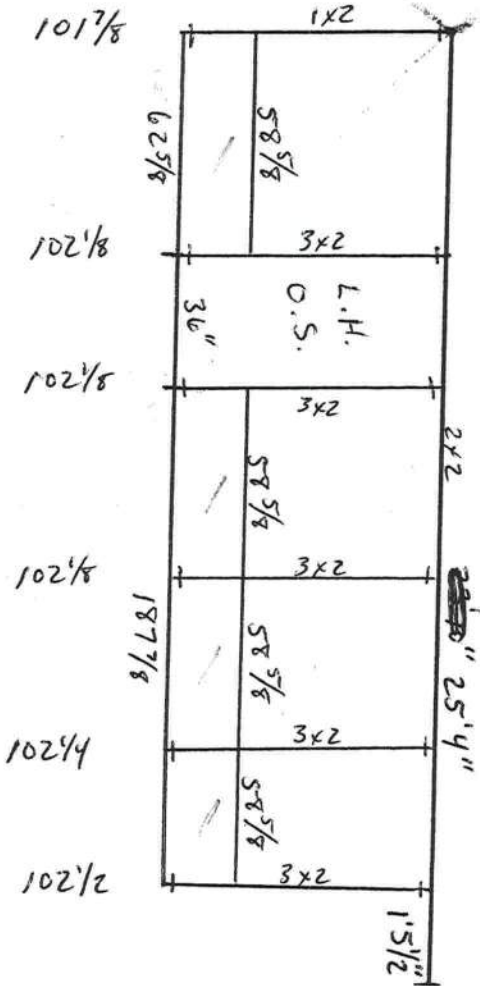
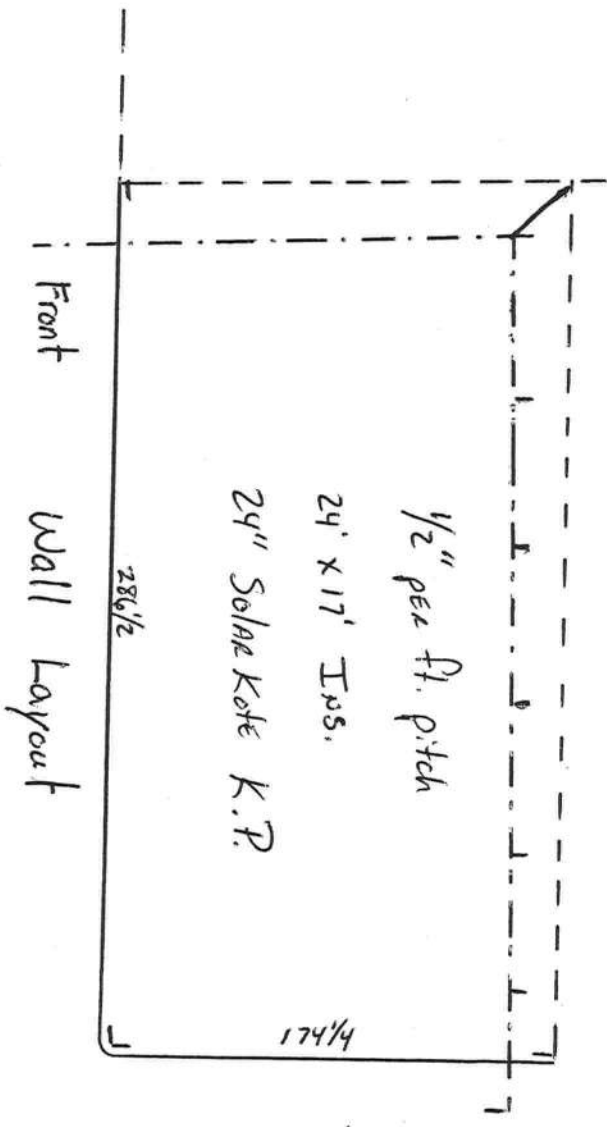
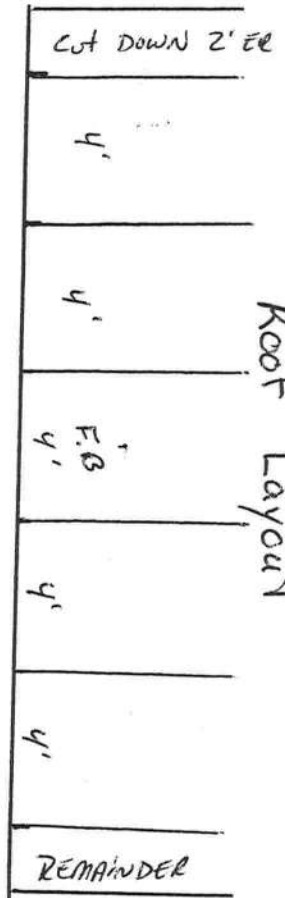
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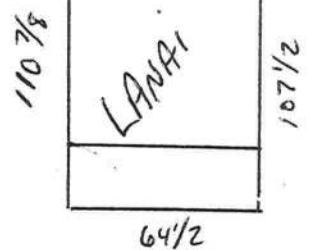
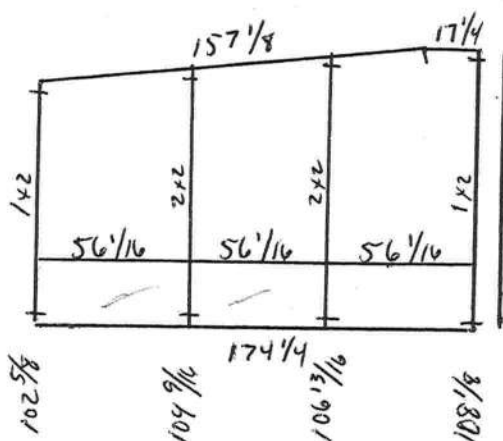
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All White

Roof Layout

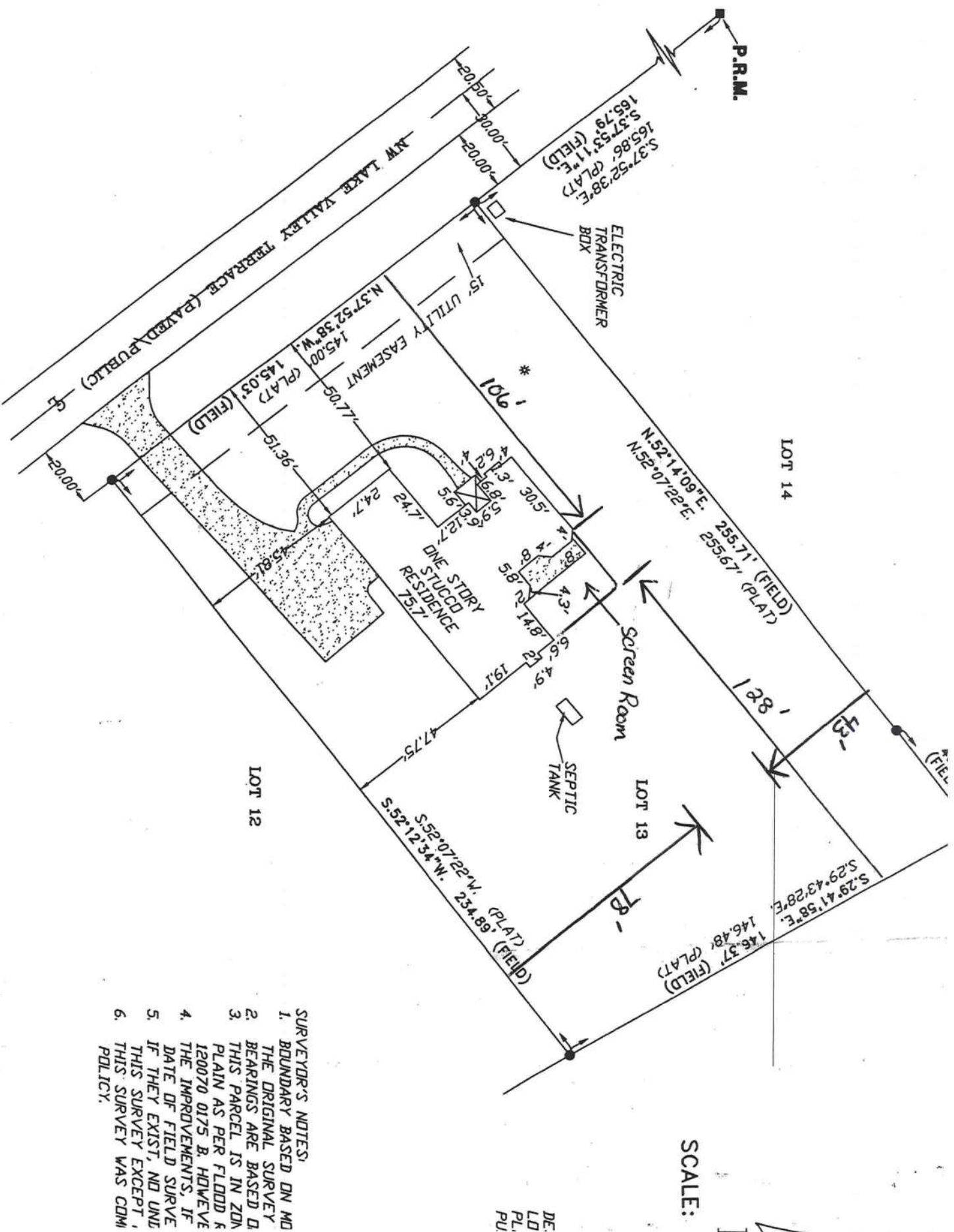


Side wall Layout →



I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS

SURVEYOR'S CERTIFICATION



January 01, 2005

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 2005.

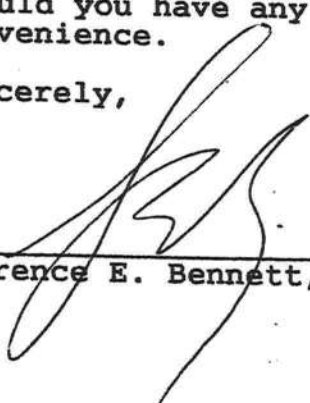
This authorization also applies to contractor Master File Drawings, "ONE JOB ONLY" drawings, or any "SITE SPECIFIC" drawings that I may furnish for the contractor.

Vince Richardson

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

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

Sincerely,



Lawrence E. Bennett, P.E. #16644

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

NOTICE OF COMMENCEMENT

PERMIT NUMBER: _____
STATE OF: FLORIDA COUNTY OF: Columbia CITY OF: _____

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: 13 BLOCK: _____ SECTION: _____ TOWNSHIP: _____ RANGE: _____
TAX PARCEL NUMBER: 22-35-16-02269-113 HX
SUBDIVISION: Woodborough PLATBOOK: _____ MAP PAGE: _____
STREET ADDRESS: _____

GENERAL DESCRIPTION OF IMPROVEMENTS

TO CONSTRUCT: Screen Room

OWNER INFORMATION

OWNER NAME: Lacagnina David W & Tracy A
ADDRESS: 487 N.W. Lake Valley Terr PHONE NUMBER: 386-755-7985
CITY: Lake City STATE: Fla. ZIP CODE: 32055

INTEREST IN PROPERTY: Owner

FEE SIMPLE TITLEHOLDER NAME: _____ Inst:2005024977 Date:10/07/2005 Time:11:02
FEE SIMPLE TITLEHOLDER ADDRESS: MK DC,P.Dewitt Cason,Columbia County B:1061 P:221
(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: David Lacagnina
SWORN to and subscribed before me this 29th day of September, A.D. 2005

Notary Public: Amy Marts
My commission Expires: August 7, 2009

