

DATE 11/29/2005

Columbia County Building Permit

PERMIT


This Permit Expires One Year From the Date of Issue

000023909

APPLICANT ROBERT MCINTOSH PHONE 754-8678
ADDRESS 289 NW CORNITH DR LAKE CITY FL 32055
OWNER DEB HALL PHONE 752-8814
ADDRESS 1634 SW SUNVIEW ST FORT WHITE FL 32038
CONTRACTOR MICHEAL DELAHOZ PHONE 754-8678
LOCATION OF PROPERTY 47 S, R SUNVIEW ST, LOT 14 @ END OF CUL-DE-SAC

TYPE DEVELOPMENT POOL ENCLOSURE ESTIMATED COST OF CONSTRUCTION 9543.00
HEATED FLOOR AREA TOTAL AREA HEIGHT 11.00 STORIES 1
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 32-5S-16-03745-214 SUBDIVISION SUNVIEW EST
LOT 14 BLOCK PHASE UNIT TOTAL ACRES

 SCC053389 
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X05-0336 BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: EXISTING MH & SWIMMING POOL
NOC ON FILE

Check # or Cash 2658

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 \$ 50.00 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 100.00

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

Revised 9-23-04

For Office Use Only Application # 0511-84 Date Received 11-23-05 By LH Permit # 23909
Application Approved by - Zoning Official BLK Date _____ Plans Examiner OKJTH Date 11-23-05
Flood Zone Xpplst Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments _____

Applicants Name Robert McIntosh Phone 386-754-8678
Address 289 NW Corinth Dr Lake City, FL 32055
Owners Name Deb Hall Phone 386-752-8814
911 Address 1634 SW Sunview St Ft White
Contractors Name Michael A. Delahoz Phone 386-754-8678
Address 289 NW Corinth Dr, Lake City FL 32055
Fee Simple Owner Name & Address n/a
Bonding Co. Name & Address n/a
Architect/Engineer Name & Address Gordon Shepardon 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 32-58-16-03745-214 Estimated Cost of Construction 9543.60
Subdivision Name Sunview Estates Lot 14 Block _____ Unit _____ Phase _____
Driving Directions South on RT 47 past Columbia City, right on SW Sunview St, lot #14 on left @ end of Cuddeback
Type of Construction Screened Pool Enclosure Number of Existing Dwellings on Property 1
Total Acreage _____ Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 80' Side 92' Side 42' Rear 100'
Total Building Height 11' Number of Stories 1 Heated Floor Area _____ Roof Pitch 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 10th day of Nov 2005.

Personally known ☒ or Produced Identification _____

X [Signature]
Contractor Signature
Contractors License Number SC056689
Competency Card Number _____
NOTARY STAMP/SEAL Nadean G.S. McIntosh
Commission # DD371494
Expires November 14, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019
[Signature]
Notary Signature

STATE OF FLORIDA
COUNTY OF COLUMBIA

AFFIDAVIT

SUBRANDY LIMITED PARTNERSHIP

This is to certify that I, (We), _____, as the

seller, by an Agreement for Deed, of the below described property:

Tax Parcel No. RD3745-214

Subdivision (Name, lot, Block, Phase) Sunview Estates # 14

Give my permission for Deborah E. Hall to place a
(Mobile Home / Travel Trailer / Single Family Home)

I (We) understand that this could result in an assessment for solid waste and fire
protection services levied on this property.

Bradley N. Dicks
BRADLEY N. DICKS, GENERAL PARTNER
SELLER

(2) Seller Signature

Sworn to and subscribed before me this 10th day of October, 2005 This

(These) person (s) are personally known to me or produced ID
(Type)

Suzanne Davis

Notary Public Signature
State of Florida

My commission expires: 9-29-07

Suzanne Davis

Notary Printed Name



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 32-52-16-03745-214

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

Lot 14 Sunview Estates S/D

2. General description of improvement: Screened Pool Enclosure

3. Owner Name & Address Deb Hall 1634 SW Sunview St Ft White
Interest in Property Owner

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

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

6. Surety Holders Name N/A Phone Number _____
Address _____

Inst: 2005029184 Date: 11/23/2005 Time: 10:51
Amount of Bond 5M DC, P. DeWitt Cason, Columbia County B: 1065 P: 2682

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 FL 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.

[Signature]
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 10th Nov, 2005

NOTARY STAMP  Nadean G.S. McIntosh
Commission # DD371494
Expires November 14, 2008
Bonded Troy Pain - Insurance, Inc. 800-368-7010

[Signature]
Signature of Notary

**Columbia County Property
Appraiser**

DB Last Updated: 9/16/2005

Parcel: 32-5S-16-03745-214

2005 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	SUBRANDY LTD PARTNERSHIP
Site Address	SUNVIEW EST
Mailing Address	P O BOX 513 LAKR CITY, FL 320560513
Brief Legal	LOT 14 SUNVIEW ESTATES S/D

Use Desc. (code)	VACANT (000000)
Neighborhood	32516.00
Tax District	3
UD Codes	MKTA02
Market Area	02
Total Land Area	5.010 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$24,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$24,000.00

Just Value	\$24,000.00
Class Value	\$0.00
Assessed Value	\$24,000.00
Exempt Value	\$0.00
Total Taxable Value	\$24,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.010AC)	1.00/1.00/1.00/1.00	\$24,000.00	\$24,000.00

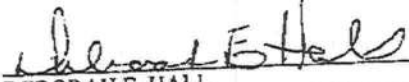
Columbia County Property Appraiser

DB Last Updated: 9/16/2005

1 of 1

Disclaimerhttp://appraiser.columbiacountyfla.com/GIS/D_SearchResults.asp

11/28/2005

TRUTH IN LENDING DISCLOSURE STATEMENT			
Creditor: SUBRANDY LIMITED PARTNERSHIP			
Debtor (s): DEBORAH E. HALL			
Loan Amount: \$28,000.00			
Maturity Date: 07/15/2018			
Property Address: LOT 14, SUNVIEW ESTATES			
ANNUAL PERCENTAGE RATE: The Cost Of Your Credit As a yearly Rate.	FINANCE CHARGE: The Dollar Amount the Credit Will Cost You.	AMOUNT FINANCED: The amount of credit provided to you or on your behalf.	TOTAL OF PAYMENTS: The amount you will have paid after you have made all payments as scheduled
12.50%	\$34,118.00	\$28,000.00	\$62,118.00
YOUR NEXT PAYMENT SCHEDULE WILL BE:			
Number Of Payments	Amount Of Each Payment	When Monthly Payments are Due	
180	\$345.10	MONTHLY BEGINNING	
08/15/03			
INSURANCE: Creditor does not require you to obtain property insurance, flood insurance or credit Insurance.			
Security: You are giving a security interest in:			
<input checked="" type="checkbox"/> The Goods or Property Being Purchased			
<input type="checkbox"/>			
Filing Fees: \$404.50			
Late Charge: You will be charged \$10.00 for any payment received more than 10 days after the due date, and \$10.00 per month for each month that the payment remains outstanding until it is paid.			
Prepayment: If you pay off early, you will not have to pay a penalty and you will not be entitled to a refund of part of the finance charge.			
Assumption: Someone buying your property may not be allowed to assume the remainder of the mortgage on the original terms.			
<input type="checkbox"/> If checked, this obligation has a demand feature.			
SEE YOUR CONTRACT DOCUMENTS FOR ANY ADDITIONAL INFORMATION ABOUT NON-PAYMENT, DEFAULT, ANY REQUIRED REPAYMENT IN FULL BEFORE THE SCHEDULE DATE, AND PREPAYMENT REFUNDS AND PENALTIES.			
ITEMIZATION OF AMOUNT FINANCED			
Amount given to me directly \$0			
Amount paid on my (loan) account \$0			
Amount paid on my behalf:			
Public Officials \$0			
0 \$0			
Less prepaid Finance Charge(s) \$0			
Amount Financed \$28,000.00			
By signing below, I indicate that I have received a copy Of this statement on the indicated date.			
		Date: 7-22-03	
DEBORAH E. HALL			

IN WITNESS WHEREOF, Buyer and Seller have executed this Agreement on the day
and year first above written.

witness
SUZANNE D. ADAMS

BRADLEY N. DICKS, GENERAL PARTNER
SELLER

witness
ANDREW J. DICKS

STATE OF FLORIDA
COUNTY OF COLUMBIA

Before me this 17TH day of JULY, 2003, appeared BRADLEY N. DICKS who is personally known to
me and hereby acknowledged the foregoing instrument.

SUZANNE D. ADAMS
My Commission Expires:

Becca McFadin - NOTARY
witness

Suzanne Adams
witness

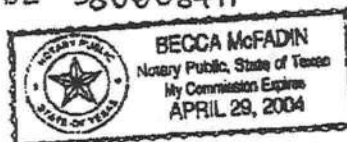
Deborah E. Hall
DEBORAH E. HALL

BUYER

STATE OF TX
COUNTY OF TRAVIS

Before me this 25 day of JULY, 2003, personally appeared DEBORAH E. HALL, who
is personally known/ produced 2 identification and acknowledged the foregoing instrument.
MASS DL 380608411

Becca McFadin
Print Name:
My Commission Expires: 04.29.04



Becca McFadin
witness

witness

BUYER

STATE OF _____
COUNTY OF _____

Before me this _____ day of _____, 20____, personally appeared _____, who is personally
known/ produced _____ identification and acknowledged the foregoing instrument.

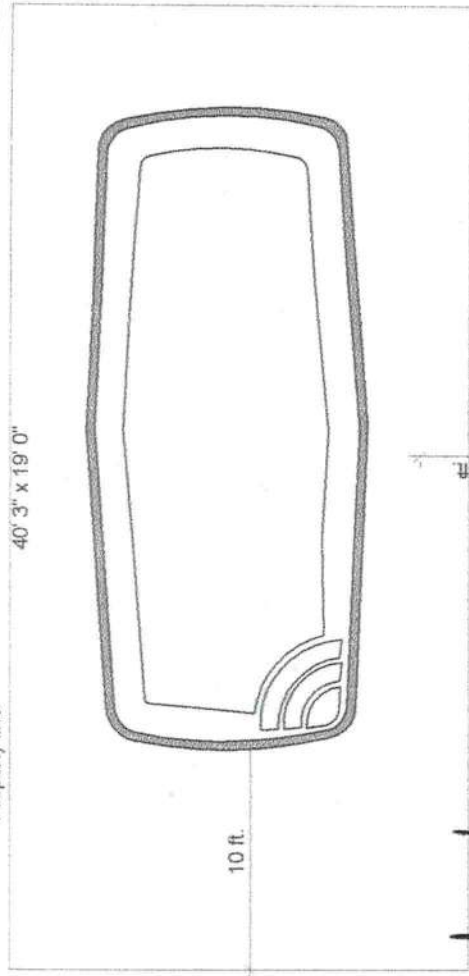
Print Name: _____

My Commission Expires: _____



Property line

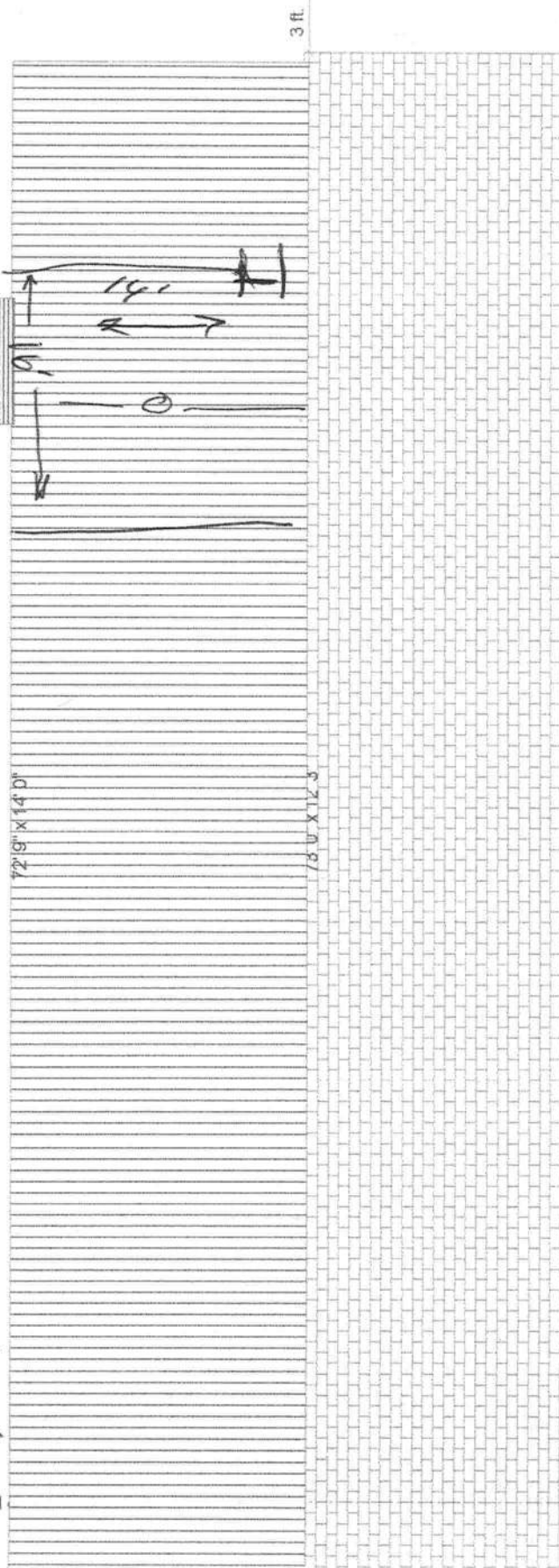
40' 3" x 19' 0"



Deck 16' x 14'
11' 2" x 8' 1/4"

Steps

6' 0" x 2' 0"
6' 0" x 5' 15"



Job Specifications	
Pool Area	0
Pool Perimeter	0
Shallow Depth	0
Deep Depth	0
Spa Area	0
Spa Perimeter	0
Face Tile	0
Coping	0
Deck Area	0
Deck Perimeter	0
Patio Area	0
Patio Perimeter	0
Pool to Equip	0
Spa to Equip	0

Advantage Pools

Phone: 386-758-7522

757 SW SR 247 Suite 101

Lake City FL 32025

Fax: 386-758-6932

Designed by:

Ray Lussier

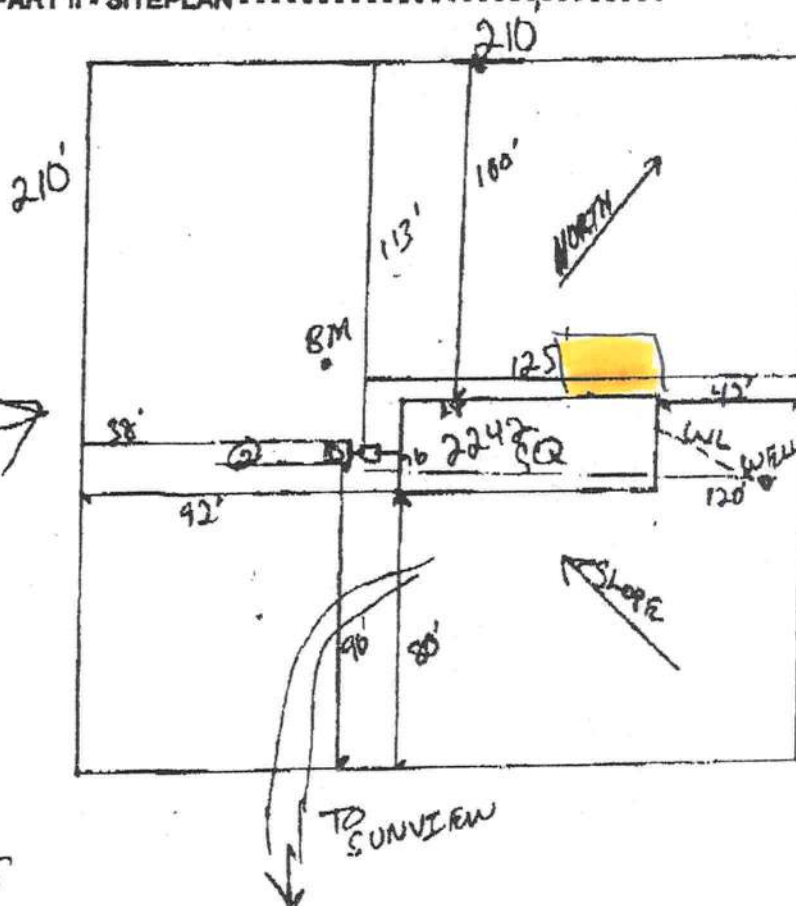
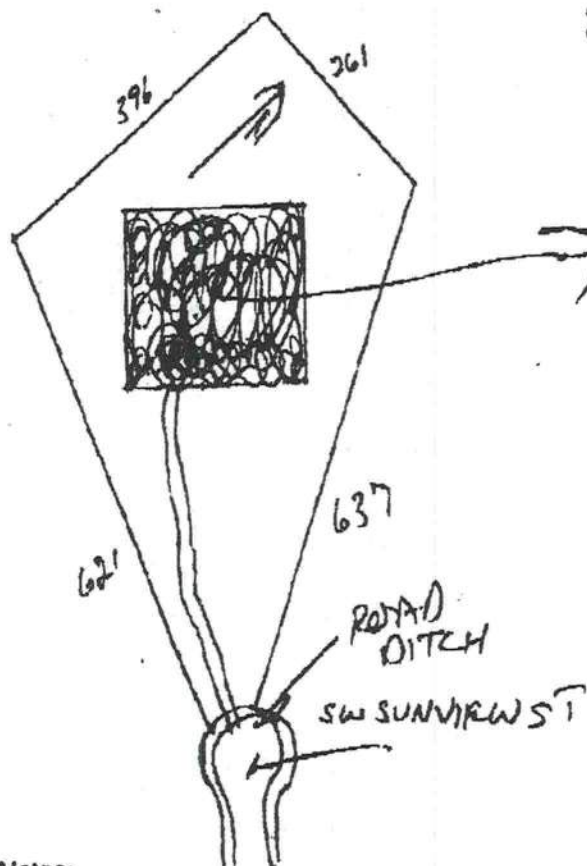
Accepted
by:

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0935N

PART II - SITEPLAN

Scale: 1 inch = 50 feet.



Notes:

Site Plan submitted by;

Plan Approved

Not Approved_____

By

Columbia

MASTER CONTRACTOR

Date 4-13-65

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

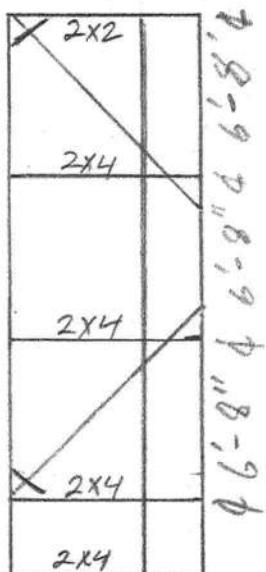
DH 4016, 10/90 (Replaces HHS-H Form 4016 which may be used)
(Stock Number: 5744-012-4016-5)

Page 2 of 4

SEP 20'05 15:09 No.016 P.21

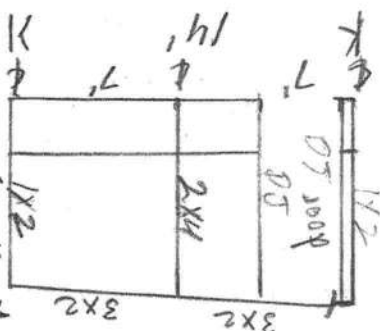
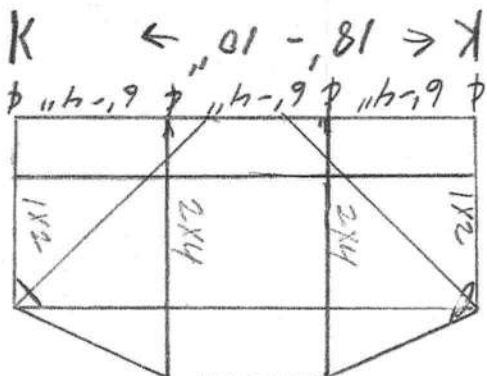
CCL. CO. HEALTH DEPT. ID:386-758-2187

Hall.



K 8' K

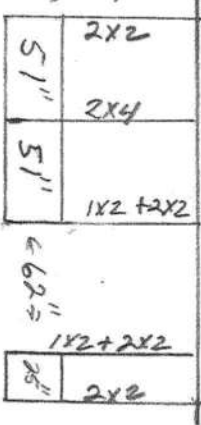
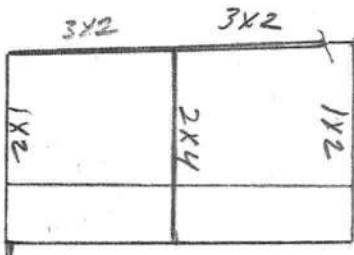
K 11' K
K 8' K



Porch elevation
is 3'-7" higher
than screen room

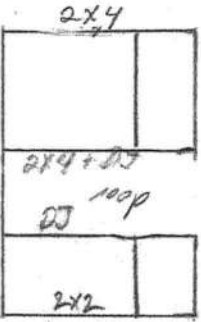
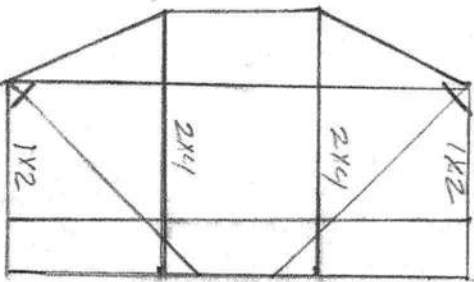
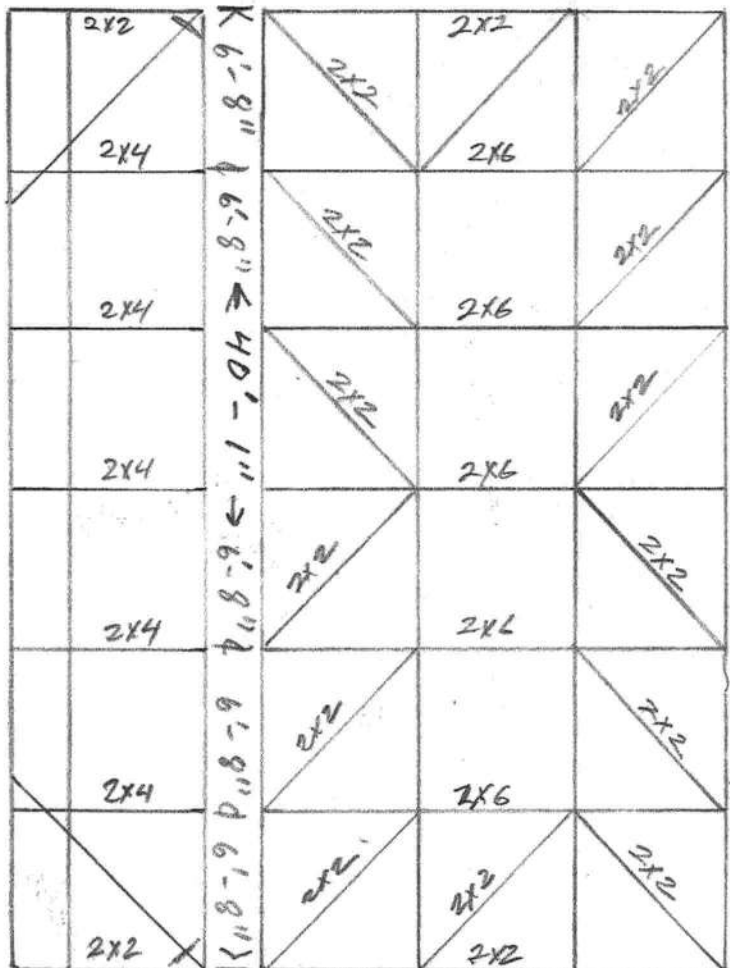
House

18 pms wide
14' foot out



K 16' → K

BOJ screen area
Between porch
- N-Screen room
- 2x6 beam 62" long



FLILINE INC.

A civil engineering firm
1025 South Semoran Boulevard
Suite 1093
Winter Park FL 32792
(407) 679-7500
Fax (407) 679-9188

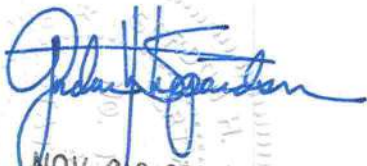
Authorization Letter to use Aluminum Design Manual Master-file

Authorization for: Florida Pool Enclosures, Inc.
289 Northwest Corinth Drive
Lake City, FL 32055

Building Official,

The above referenced contractor is hereby authorized to use our Aluminum Design Manual as a master-file to obtain all permits in your jurisdiction for the time period of October 1st, 2005 thru September 30, 2006. If this authorization is to be revoked prior to the ending date indicated we will notify you in writing via mail or facsimile. Any indication of the alteration of this document will void the authorization. Gordon H. Shepardson's, the engineer of record, signature and raised seal is required on this letter to validate the authorization. Thank you for your cooperation.

Signed:



Date: NOV 09 2005

Gordon H. Shepardson, P.E. 19333

FLILINE INC.

A civil engineering firm
1025 South Semoran Boulevard
Suite 1093
Winter Park FL 32792
(407) 679-7500
Fax (407) 679-9188

Aluminum Engineering Index Sheet

This index sheet specifies the master-file pages that can apply for the appropriate type of structure. Typical and Detail sheets and tables indicated are suggested for the type of structure, but do not need to apply in total. The appropriate typical and detail sheets and tables shall be marked as they apply. The listed pages are the only pages that need to be attached per type of structure. Index sheets should be attached with our engineering pages for issuance of a permit. Any signs of alteration shall void this index sheet. Unauthorized typical and detail sheets or span tables cannot be used in conjunction with our engineering designs.

CONTRACTOR:	JOB REFERENCE:
Company Name: Florida Pool Enclosures	Owner Name: Deb Hall
Address: 289 Northwest Corinth Dr. Lake City, FL 32055	Address: 1634 SW Sunview St Ft. White
Phone number: 386-754-8675	Legal Description: Lot 14 Sunview Estates
Member ID Number:	S/D 32-58-16-03745-214

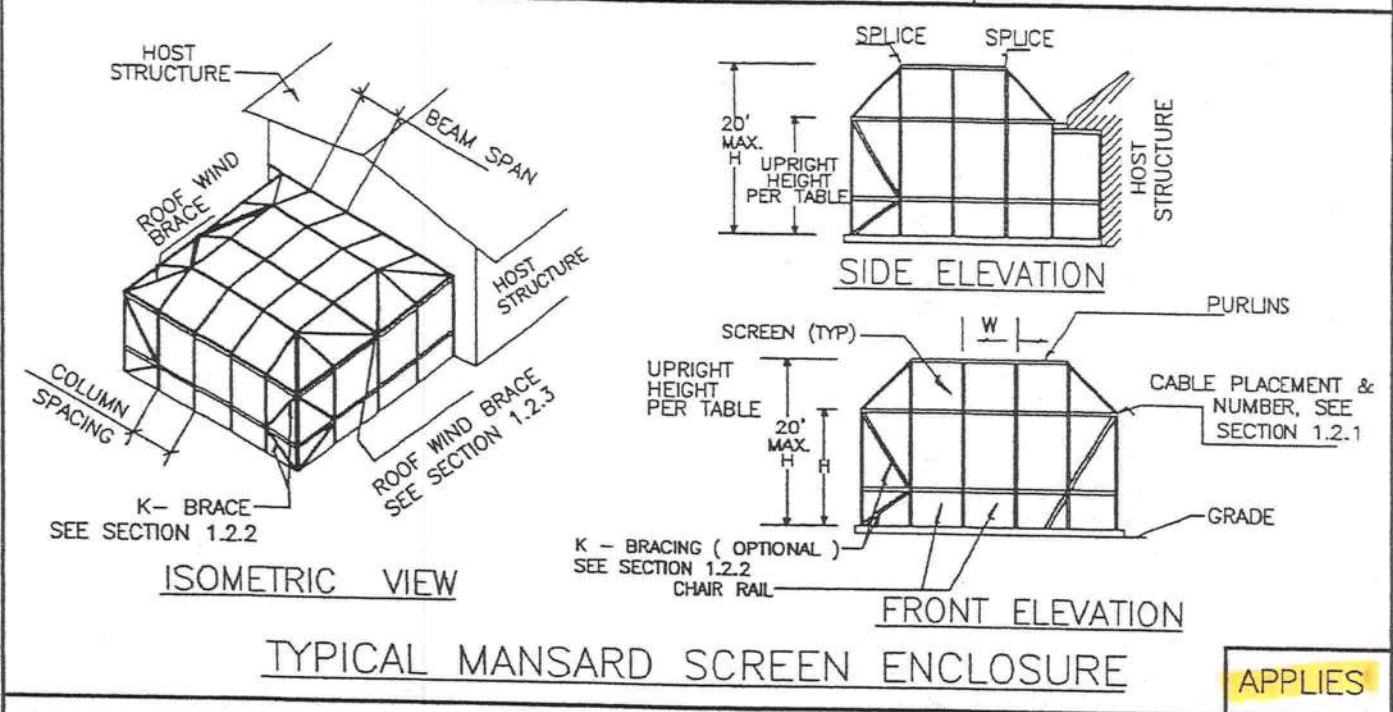
Dome Screen enclosure	Mansard Screen enclosure	Splice gable & No splice gable Screen enclosure	Flat Screen enclosure	Composite roof with Screen enclosure	Pan roof with Screen enclosure
1.1.1	1.1.2	1.1.3	1.1.4	2.2.1	3.2.1
1.2.1	1.2.1	1.2.1	1.2.1	2.2.2	3.2.2
1.2.2	1.2.2	1.2.2	1.2.2	2.2.3	3.2.3
1.2.3	1.2.3	1.2.3	1.2.3	1.2.10	1.2.10
1.2.4	1.2.4	1.2.4	1.2.4	1.2.11	1.2.11
1.2.5	1.2.5	1.2.5	1.2.5		
1.2.6	1.2.6	1.2.6	1.2.6		
1.2.7	1.2.7	1.2.7	1.2.7		
1.2.10	1.2.9	1.2.8	1.2.10		
1.2.11	1.2.10	1.2.10	1.2.11		
	1.2.11	1.2.11			
Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables
100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	2.3.1	3.3.1
110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B		
120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B		
130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B		
140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B		
150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B		
Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables
100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	2.3.1	3.3.1
110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C		
120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C		
130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C		
140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C		
150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C		

Date: MAY 22 2005

Gordon H. Shepardsen, P.E. 19333



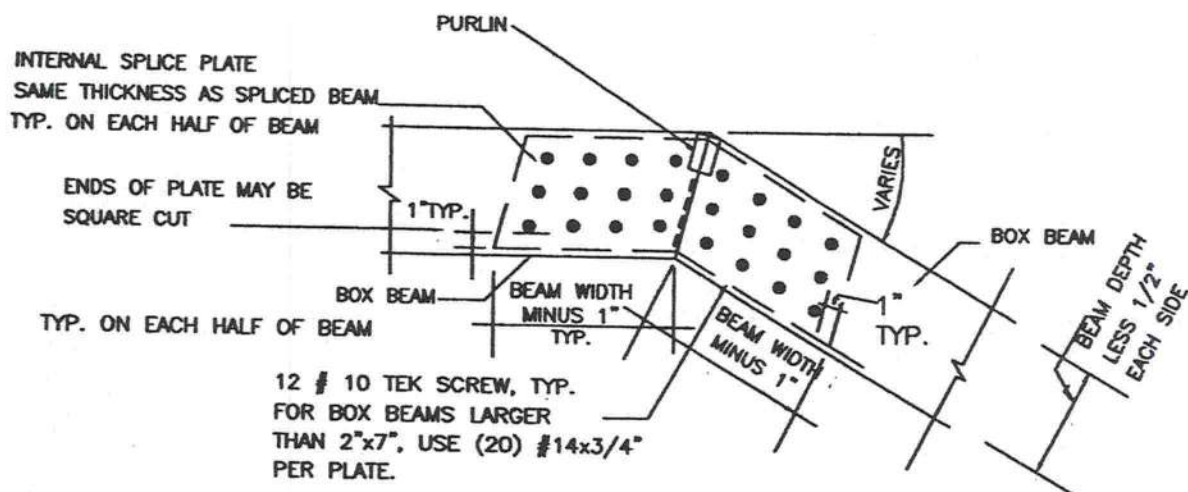
SECTION 1.1.2	MANSARD	SCREEN ENCLOSURES	REVISIONS 02/15/05
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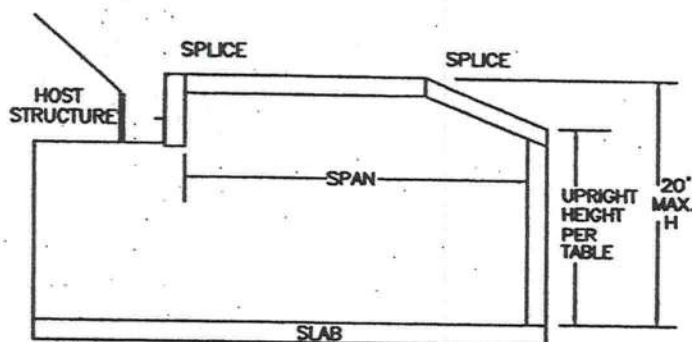
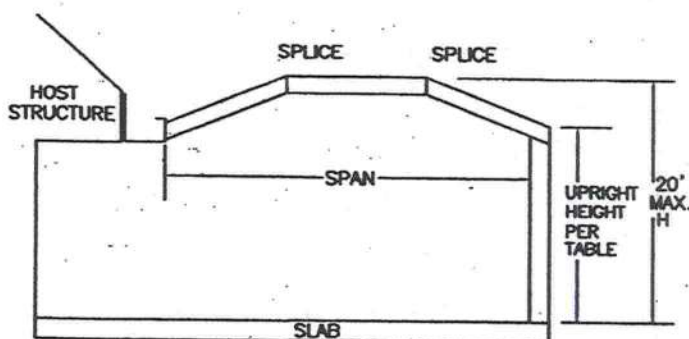
(STANDARDS)

- DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2004 AS AMENDED & THE FLORIDA BUILDING CODE RESIDENTIAL AS AMENDED & ASCE 7-98 FOR WIND LOAD ON THE ATTACHED TABLES.
- ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40'-0" PROJECTION FROM THE HOST STRUCTURE (REGARDLESS OF DIRECTION OF BEAM SPAN) OR WITH A BEAM SPAN GREATER THAN 40'-0", WILL REQUIRE SITE SPECIFIC SIGNED AND SEALED ENGINEERING PLANS AND SIGNED AND SEALED LAYOUT DRAWINGS.
- STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6, 6061-T5, OR 6061-T6 ALUMINUM EXTRUSIONS WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040.
- ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKALI-RESISTANT COATINGS SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LACQUER.
- ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND.
- ALL FASTENERS WILL BE 24" C-C MAX. UNLESS OTHERWISE NOTED. SCREWS SHALL BE COATED WEATHER SEALED.
- NO OPEN AREA BETWEEN ALUMINUM SHALL EXCEED 56 S.F.
- ALL SCREEN ENCLOSURE DOORS SHALL BE SELF LATCHING AND CLOSING AND MAY BE LOCATED INTO ANY SCREEN PANEL OPENING.
- DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES CENTER TO CENTER.
- ALL PURLINS AND CHAIR RAILS WILL BE ATTACHED WITH MIN. OF 3 SCREWS INTO SCREW BOSS EACH SIDE. SEE SECTION 1.2.3 FOR PURLIN AND CHAIR RAIL SCHEDULE.
- ENCLOSURE MUST BE GROUNDED AND BONDED IN ACCORDANCE WITH N.E.C.
- NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- WHEN 6061-T5 OR 6061-T6 ALUMINUM ALLOY IS USED IN A STRUCTURE FOR UPRIGHTS, BEAMS, KNEE BRACES, WIND BRACES, AND K-BRACES, 6063-T6 ALUMINUM ALLOY MAY BE USED FOR PURLINS, CHAIR RAILS, TOP PLATES, AND BOTTOM PLATES.
- THIS IS AN OPEN ALUMINUM FRAMED STRUCTURE WITH SCREEN (MAX MESH OF 20/20) ROOF AND WALLS. IT HAS AN IMPORTANCE FACTOR (I_w) OF 0.77. DESIGN LOADS ARE BASED ON TABLE 2002.4 OF 2004 FLORIDA BUILDING CODE FOR A MEAN HEIGHT UP TO 30 FT.

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TYPICAL MANSARD SPLICE CONNECTION

APPLIES

1 SPLICE MANSARD2 SPLICE MANSARD

*one splice mansard—up to 4 ft on the horizontal may be added to the roof beam span when using a knee brace on the non-splice side.

MANSARD SPAN DETAIL

APPLIES

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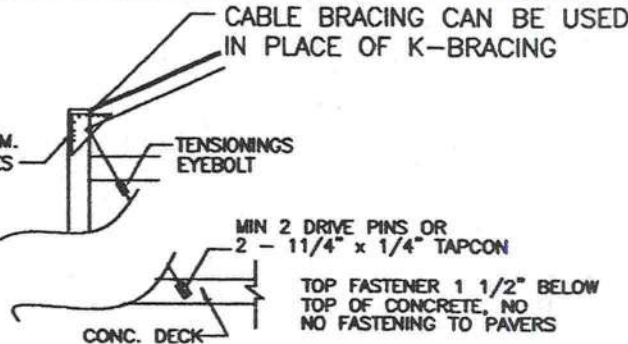
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FLORIDA P.E. 11333

SECTION 1.2.1	DETAILS	SCREEN ENCLOSURES	REVISIONS 02/15/05
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FRONT WALL--1/8" STAINLESS STEEL CABLE
2 CABLE FOR EVERY 200 SQ. FT.

NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL, ABOVE THE TOP CHAIR RAIL

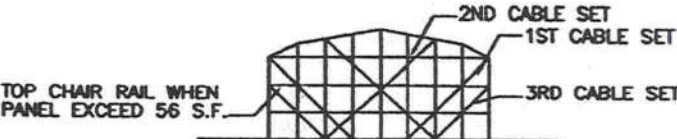
CABLE CORNER
PLATE 1/8" ALUM.
W/ 8 # 10 TEKS



SIDE WALL--1/8" STAINLESS STEEL CABLE

UP TO 200 SQ. FT. OF WALL: NO CABLE NEEDED
OVER 200 SQ. FT.: 1 CABLE PER EVERY 200 SQ. FT.

NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL, ABOVE THE TOP CHAIR RAIL

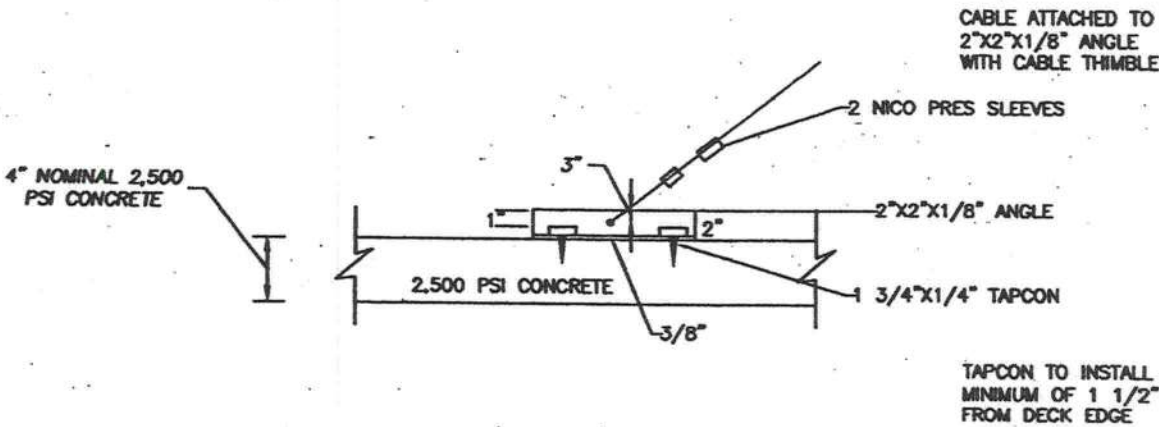


HOMEOWNER MAINTENANCE RESPONSIBILITY:
CABLE MUST REMAIN TIGHT AT ALL TIMES. CABLE SHOULD BE TIGHTENED PERIODICALLY TO REMOVE SLACK. TO AVOID DAMAGE CONTACT A QUALIFIED SERVICE COMPANY.

SCREEN CABLE BRACING DIAGRAM

CABLE SCHEDULE FOR SCREEN ENCLOSURE

APPLIES



CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK

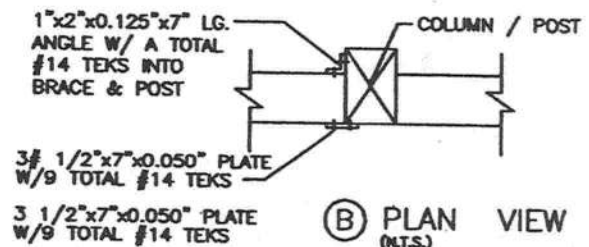
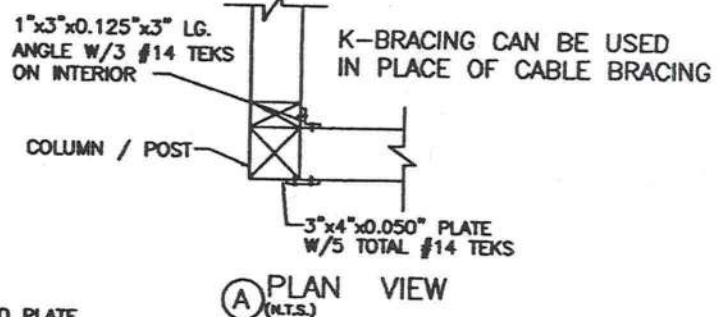
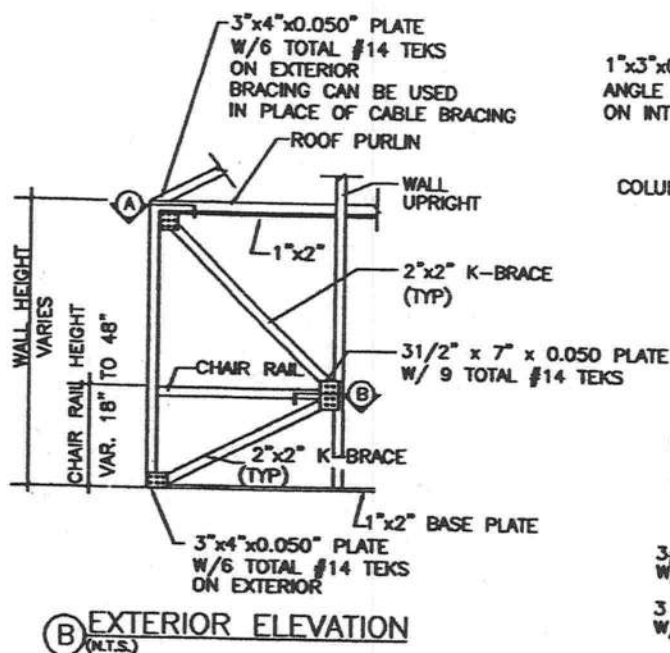
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SECTION 1.2.2

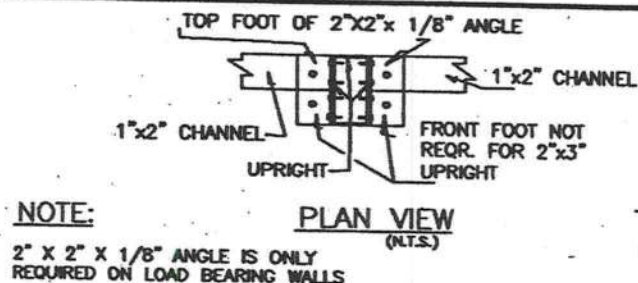
DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05

K-BRACING DETAIL

APPLIES



NOTE:

2" x 2" x 1/8" ANGLE IS ONLY REQUIRED ON LOAD BEARING WALLS

NOTE:

USED WITH ALL SCREEN TYPES

NOTE:

2X2 ANGLE ONLY ON LOAD BEARING WALL

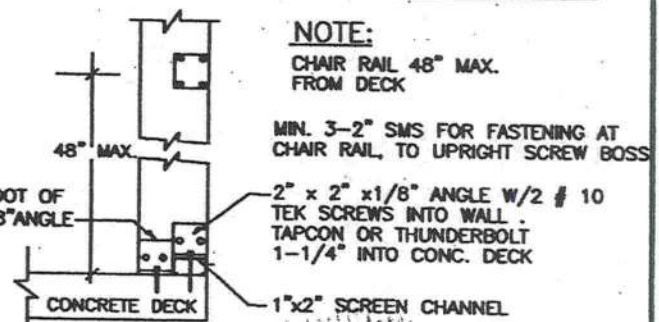
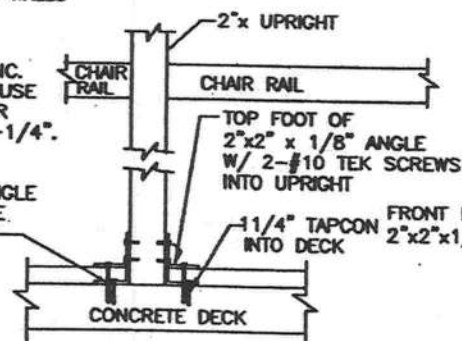
FRONT FOOT TABLE							
UPRIGHT SIZES	x4	x5	x6	x7	x8	x9	x10
1/4" TAPCON EACH SIDE	1	2	2	3	3	4	4
#10 TEK SCREWS EACH SIDE	2	4	4	6	6	8	8
HIGHLIGHT ONE							

SELECT LOADBEARING UPRIGHT SIZES

NOTE:

TAPCON MUST GO INTO CONC. A MINIMUM OF 1-1/4". IF USE PAVERS ON DECK, FASTENER WILL EXTEND INTO DECK 1-1/4".

FRONT FOOT OF 2" x 2" x 1/8" ANGLE SEE ABOVE TABLE FOR FASTENERS



TYPICAL DECK PLATE & POST CONNECTION

APPLIES

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FAX (407) 679-9188
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SECTION 1.2.3

DETAILS

SCREEN ENCLOSURES

REVISIONS
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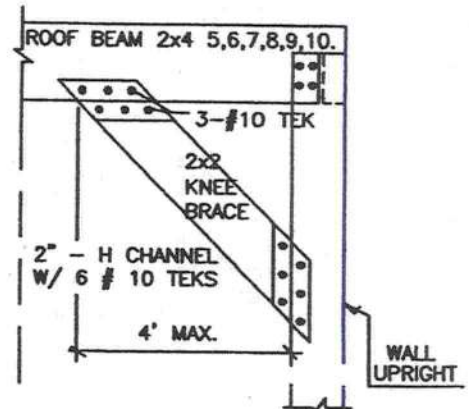
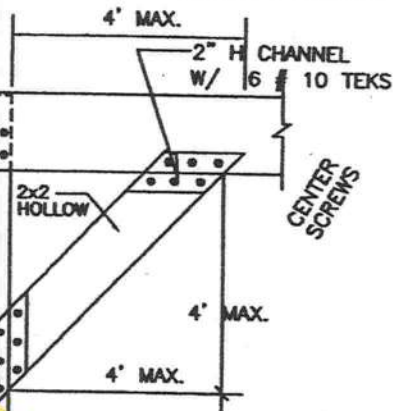
BEAM OVERLAP
OR GUSSET PLATE
FOR CONNECTOR
SCHEDULE SEE SECTION 1.2.4

1'-2"x .040" STRAP AT EACH
UPRIGHT & MIDWAY BETWEEN
UPRIGHTS, W/1 # 10 TEK
AT EACH END

HOST
STRUCTURE

2" SMS @ 2'-0" O.C.

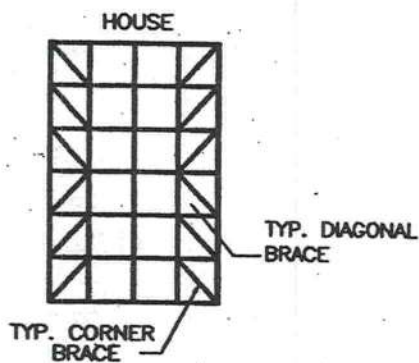
2"x2" ANGLE
W/6 #10 TEK
EACH SIDE
5" OR 7" SUPER
GUTTER



KNEE BRACE DETAIL

STRUCTURAL GUTTER & KNEE BRACE DETAIL

APPLIES



ROOF WIND BRACE, PURLIN & CHAIR RAIL SIZING

ROOF BEAM	PURLIN	WIND BRACE	WALL UPRIGHT	CHAIR RAIL
2x7 OR LESS	2x2	2x2	2x7 OR LESS	2x2
2x8	2x3	2x3	2x8	2x3
2x9	2x3	2x3	2x9	2x3
2x10	2x4	2x4	2x10	2x4

NOTE: WIND BRACING SHALL NOT BE REQUIRED WHERE BEAMS AND PURLINS ARE
LATERALLY SUPPORTED BY CONNECTION TO HOST STRUCTURE.

NOTE: WIND BRACING ATTACHMENT TO BE WITH GUSSET PLATE, H CHANNEL OR
RECEIVING CHANNEL. NO TOE NAILING IS ALLOWED

PLAN VIEW
(N.T.S.)

ROOF WIND BRACING, PURLIN & CHAIR RAIL DETAIL

APPLIES

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UPRIGHT	BEAMS							
	2x4	2x5	2x6	2x7	2x8	2x9	2x10	
	2x4	8	10	10	14	X	X	X
	2x5	10	10	14	16	16	X	X
	2x6	10	14	16	16	18	18	X
	2x7	14	16	16	18	18	20	X
	2x8	16	16	18	18	20	22	22
	2x9	16	18	18	20	22	22	24
	2x10	18	18	20	22	22	24	24

#10 TEK SCREWS EACH SIDE OF BEAM
X- NO CONNECTION ALLOWED

NOTE:

SCREW PATTERN-1"
CLEARANCE ON ALL 4 SIDES
OF THE GUSSET PLATE OR
BEAM OVERLAP.
SCREWS ARE TO BE EQUALLY
SPACED FROM TOP TO BOTTOM
AND SIDE-TO-SIDE. SCREWS
MUST BE WEATHER SEALED.

NOTE:

GUSSET PLATE THICKNESS WILL
BE EQUAL TO OR LARGER THAN
LARGEST BEAM OR UPRIGHT USED.

UPRIGHT	BEAMS							
	2x4	2x5	2x6	2x7	2x8	2x9	2x10	
	2x4	4	4	6	8	X	X	X
	2x5	4	4	8	8	10	X	X
	2x6	6	8	8	10	12	12	X
	2x7	8	8	10	12	12	14	X
	2x8	8	10	12	12	14	14	14
	2x9	10	12	12	14	14	16	16
	2x10	10	12	14	14	14	16	18

#14 TEK SCREWS EACH SIDE OF BEAM
X- NO CONNECTION ALLOWED

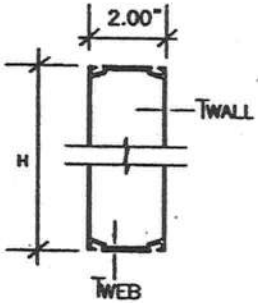
HOMEOWNER MAINTENANCE RESPONSIBILITY:
FASTENERS SHOULD BE CHECKED PERIODICALLY FOR DETERIORATION.
IF DETERIORATION IS DETECTED CONTACT A QUALIFIED SERVICE COMPANY.

BEAM OVERLAP OR GUSSET PLATE CONNECTION

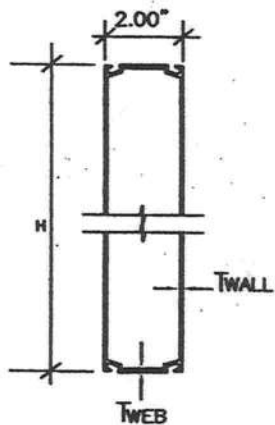
APPLIES

ALUMINUM			
PHYSICAL PROPERTIES			
2xH	TWALL	TWEB	SECTION MODULUS (IN ³)
2x4	0.046	0.100	0.935
2x5	0.050	0.116	1.380
2x6	0.050	0.120	1.920
2x7	0.055	0.220	2.375
2x8	0.072	0.224	4.080
2x9	0.082	0.306	5.910
2x10	0.092	0.389	8.531

HOLLOW BEAM TABLE



SNAP EXTRUSION



SELF MATING
BEAM

ALUMINUM PHYSICAL PROPERTIES

APPLIES

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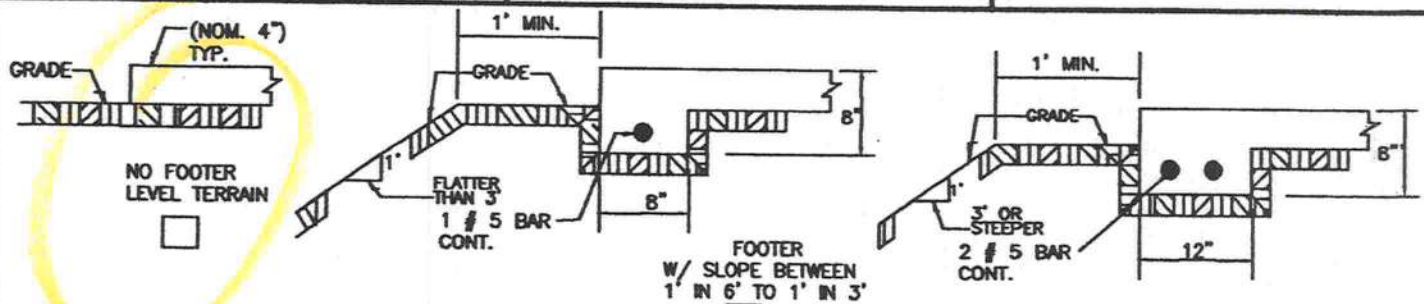
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SECTION 1.2.10

DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05

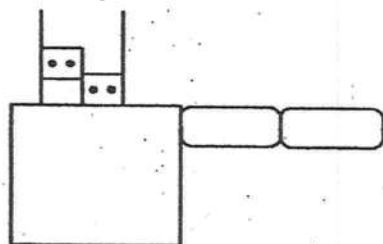
RIBBON FOOTER—WHERE FOOTER IS NOT CONNECTED TO DECK:

☐ USE 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR
CONTINUOUS TO SUPPORT UP TO 2" X 6" UPRIGHT☐ USE 8"x12" CONCRETE RIBBON FOOTER W/ 2 #5 REBARS CONTINUOUS
TO SUPPORT UPRIGHTS LARGER THAN 2" X 6"FOOTER WHEN SLOPE
1' IN 3' OR STEEPER
OR WHEN DECK EXTENDS
33' OR MORE PERPENDICULAR
TO THE SUPPORTING STRUCTURE.

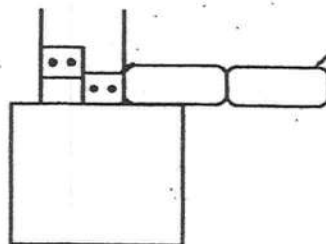
- 1) FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (>1500 PSI) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.
- 2) CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.
- 3) 3 - #3 BARS IS EQUIVALENT TO 1 #5 BARS.

TYPICAL SCREEN DECK FOOTER DETAIL

APPLIES



ALTERNATE 1



ALTERNATE 2

PAVERS SHOULD BE INSTALLED AFTER
COMPLETION OF SCREEN ENCLOSURES

NOTE:

SEE TYPICAL SCREEN DECK FOOTER DETAIL
FOR FOOTER DETAILS AND SIZING.

RIBBON FOOTERS FOR BRICK PAVERS

APPLIES

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BEAM SPAN AND UPRIGHT HEIGHT TABLES

SECTION
1.3.2.110 B

SPAN
TABLES

SCREEN ENCLOSURES

6063-T6 ALLOY
6061-T5 ALLOY
6061-T6 ALLOY
110MPH EXPOSURE B

ALUMINUM ALLOY : 6063-T6, 6061-T5, & 6061-T6 WIND ZONE: 110MPH EXPOSURE B

ALL ROOF STYLES

MAX. SPANS FOR ROOF BEAMS FOR SCREEN ROOF/POOL ENCLOSURES
UP TO 150 MPH WIND LOAD
ALL WIND SPEEDS PRESSURE 10 PSF

MAX. SPANS FOR WALL UPRIGHTS FOR SCREEN ROOF/POOL
ENCLOSURES

ROOF BEAM SPANS

Interpolation between spans is permitted.

WALL UPRIGHT HEIGHTS

Interpolation between spans is permitted.

		ROOF SPACING (number of feet)								UPRIGHT SPACING (number of feet)					
		4'	5'	6'	7'	8'	9'			4'	5'	6'	7'	8'	9'
SPANS								HEIGHTS							
2 X 4 - 0 KNEES		16'0	14'10	14'0	13'3	12'9	12'3	2 X 4 - 0 KNEES		15'7	14'6	13'7	12'11	11'9	11'0
2 X 4 - 1 KNEE		20'0	18'10	18'0	17'3	16'9	16'3	2 X 4 - 1 KNEE		19'7	18'6	17'7	16'11	15'9	15'0
2 X 4 - 2 KNEES		24'0	22'10	22'0	21'3	20'9	20'3								
2 X 5 - 0 KNEES		19'6	18'2	17'2	16'3	15'7	15'0	2 X 5 - 0 KNEES		19'2	17'9	16'8	15'3	14'6	13'7
2 X 5 - 1 KNEE		23'6	22'2	21'2	20'3	19'7	19'0	2 X 5 - 1 KNEE		23'2	21'9	20'8	19'3	18'6	17'7
2 X 5 - 2 KNEES		27'6	26'2	25'2	24'3	23'7	23'0								
2 X 6 - 0 KNEES		23'2	21'6	20'4	19'4	18'2	17'0	2 X 6 - 0 KNEES		22'8	21'0	19'0	17'10	16'9	15'9
2 X 6 - 1 KNEE		27'2	25'6	24'4	23'4	22'2	21'0	2 X 6 - 1 KNEE		26'8	25'0	23'0	21'10	20'9	19'9
2 X 6 - 2 KNEES		31'2	29'6	28'4	27'4	26'2	25'0								
2 X 7 - 0 KNEES		26'2	24'4	22'9	21'9	20'0	19'1	2 X 7 - 0 KNEES		25'7	23'3	21'8	20'0	18'11	18'0
2 X 7 - 1 KNEE		30'2	28'4	26'9	25'9	24'0	23'1	2 X 7 - 1 KNEE		29'7	27'3	25'8	24'0	22'11	22'0
2 X 7 - 2 KNEES		34'2	32'4	30'9	29'9	28'0	27'1								
2 X 8 - 0 KNEES		32'6	30'4	28'7	27'2	25'10	24'3	2 X 8 - 0 KNEES		30'6	29'9	27'3	25'9	24'2	23'0
2 X 8 - 1 KNEE		36'6	34'4	32'7	31'2	29'10	28'3	2 X 8 - 1 KNEE		34'6	33'9	31'3	29'9	28'2	27'0
2 X 8 - 2 KNEES		40'6	38'4	36'7	35'2	33'10	32'3								
2 X 9 - 0 KNEES		35'9	33'4	31'5	29'11	28'1	26'6	2 X 9 - 0 KNEES		33'6	31'3	30'0	27'9	26'0	24'9
2 X 9 - 1 KNEE		39'9	37'4	35'5	33'11	32'1	30'6	2 X 9 - 1 KNEE		37'6	35'3	34'0	31'9	30'0	28'9
2 X 9 - 2 KNEES		43'9	41'4	39'5	37'11	36'1	34'6								
2 X 10 - 0 KNEES		44'4	41'4	39'1	37'3	35'8	34'4	2 X 10 - 0 KNEES		39'3	37'7	35'5	35'0	33'5	30'11
2 X 10 - 1 KNEE		48'4	45'4	43'1	41'3	39'8	38'4	2 X 10 - 1 KNEE		43'3	41'7	39'5	39'0	37'5	34'11
2 X 10 - 2 KNEES		52'4	49'4	47'1	45'3	43'8	42'4								

Interpolation between spans is permitted.

Interpolation between spans is permitted.

NOTE 1: Roof spans using knee braces are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than or greater than 4ft on the horizontal will be deducted from or added to the span.

NOTE 2: Wall spans using knee braces are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than or greater than 4ft on the vertical will be deducted from or added to the span.

NOTE 3: Spans and heights using knee braces are used only for dome, flat, and no splice gable roof styles.

NOTE 4: When using spans or heights in bold bordered areas - site specific sealed engineering and layout drawings are required when enclosure is 40ft or greater in distance from host structure (regardless of which direction beams span) and/or upright height is 20ft or greater.

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SUITE 1093

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TEL (407) 679-7500

FAX (407) 679-9188

FEB 15 2005

REVISED 02/15/05

Gordon H. Shepardson, P.E.
Florida P.E. 19333

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

RISER PANELS ATTACHED PER
CHAPTER 7

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

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. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT
P.O. BOX 214368, SOUTH DAYTONA, FL 32121
TELEPHONE: (386) 767-4774
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PAGE

3A-7

PAN ROOF ANCHORING DETAILS

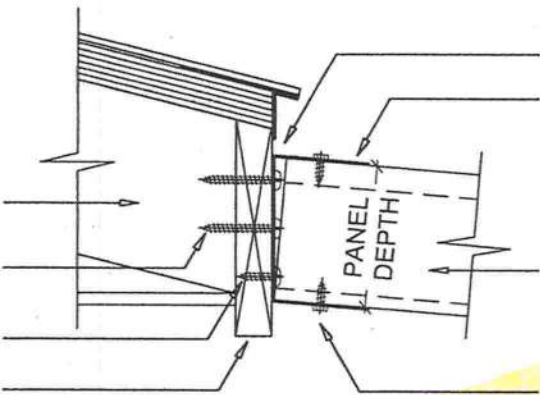
ALTERNATE CONNECTION:
(3) #8 SCREWS PER PAN WITH
1" MINIMUM EMBEDMENT INTO
FASCIA THROUGH PAN BOXED
END

EXISTING TRUSS OR RAFTER

#10 x 1-1/2" S.M.S. (2) PER
RAFTER OR TRUSS TAIL

#10 x 3/4" S.M.S. @ 12" O.C.

EXISTING FASCIA



SEALANT
HEADER (SEE NOTE BELOW)

ROOF PANEL

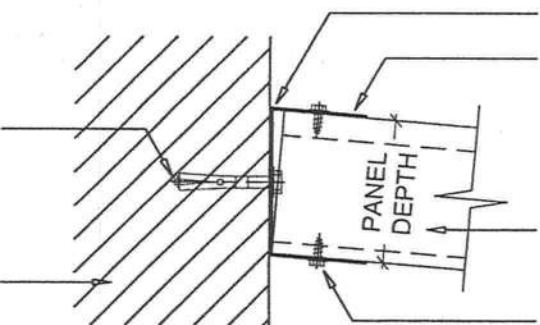
#8 x 1/2" S.M.S. (3) PER PAN
(BOTTOM) AND (1) @ RISER
(TOP) CAULK ALL EXPOSED
SCREW HEADS

ROOF PANEL TO FASCIA DETAIL

SCALE: 3" = 1'-0"

FOR MASONRY USE
1/4" x 1-1/4" MASONRY
ANCHOR OR EQUAL @ 24" O.C.
FOR WOOD USE #10 x 1-1/2"
S.M.S. OR WOOD SCREWS @
2" O.C.

EXISTING HOST STRUCTURE:
WOOD FRAME, MASONRY OR
OTHER CONSTRUCTION



SEALANT
HEADER (SEE NOTE BELOW)

ROOF PANEL

#8 x 1/2" S.M.S. (3) PER PAN
(BOTTOM) AND (1) @ RISER
(TOP) CAULK ALL EXPOSED
SCREW HEADS

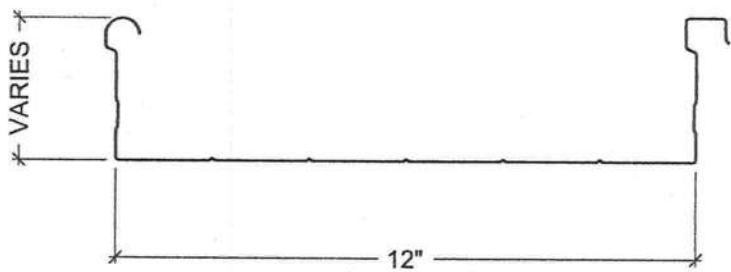
ROOF PANEL TO WALL DETAIL

SCALE: 3" = 1'-0"

ROOF PANELS SHALL BE ATTACHED TO THE HEADER WITH (3) EACH #8 x 1/2" LONG CORROSION RESISTANT SHEET METAL SCREWS WITH 1/2" WASHERS. ALL SCREW HEADS SHALL BE CAULKED OR SHALL HAVE NEOPRENE GASKET BETWEEN THE WASHER AND THE PAN. PAN RIBS SHALL RECEIVE (1) EACH #8 x 1/2" SCREW EACH. THE PANS MAY BE ANCHORED THROUGH BOXED PAN WITH (3) EACH #8 x 1" OF THE ABOVE SCREW TYPES AND THE ABOVE SPECIFIED RIZER SCREW. #8 x 9/16" TEK SCREWS ARE ALLOWED AS A SUBSTITUTE FOR #8 x 1/2" S.M.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



12" x VARIOUS HEIGHT RISER ROOF PANEL

SCALE: 3" = 1'-0"

Table 7.3.1 Allowable Spans for Riser Panels for Various Loads
Metals USA Building Products L.P.
Manufacturers Proprietary Products: Aluminum Alloy 3105 H-28

3" x 12" x 0.024" 2 or 5 Rib Riser Panels

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	14'-7"	17'-11"	18'-4"	13'-8"	17'-5"	17'-9"	11'-2"	14'-3"	14'-7"	4'-0"
110 MPH	14'-1"	17'-11"	18'-4"	12'-9"	15'-9"	16'-0"	10'-6"	13'-5"	13'-9"	3'-11"
120 MPH	13'-4"	17'-5"	17'-9"	11'-9"	15'-1"	15'-5"	9'-11"	12'-7"	12'-10"	3'-9"
123 MPH	13'-2"	16'-3"	17'-4"	11'-7"	14'-10"	15'-1"	9'-9"	12'-5"	12'-8"	3'-8"
130 MPH	12'-9"	15'-9"	16'-0"	11'-2"	14'-3"	14'-7"	9'-5"	11'-8"	11'-10"	3'-7"
140 MPH	10'-1"	12'-6"	12'-9"	10'-1"	12'-6"	12'-9"	8'-11"	11'-1"	11'-3"	3'-4"
150 MPH	10'-1"	12'-6"	12'-9"	10'-1"	12'-6"	12'-9"	8'-6"	10'-6"	10'-9"	3'-3"

3" x 12" x 0.030" 2 or 5 Rib Riser Panels

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	15'-9"	19'-5"	19'-10"	14'-10"	18'-10"	19'-2"	12'-6"	15'-5"	15'-9"	4'-0"
110 MPH	15'-3"	19'-5"	19'-10"	13'-9"	17'-10"	18'-2"	11'-3"	14'-6"	14'-10"	4'-0"
120 MPH	14'-5"	18'-10"	19'-2"	13'-2"	16'-3"	16'-7"	10'-8"	13'-7"	13'-11"	4'-0"
123 MPH	14'-2"	18'-4"	18'-8"	12'-11"	15'-11"	16'-4"	10'-6"	13'-5"	13'-8"	3'-11"
130 MPH	13'-9"	17'-4"	17'-9"	12'-6"	15'-5"	15'-9"	10'-2"	12'-11"	13'-2"	3'-10"
140 MPH	10'-11"	13'-6"	13'-9"	10'-11"	13'-6"	13'-9"	9'-8"	12'-4"	12'-7"	3'-8"
150 MPH	10'-11"	13'-6"	13'-9"	10'-11"	13'-6"	13'-9"	9'-2"	11'-4"	11'-7"	3'-6"

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

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TELEPHONE: (386) 767-4774
FAX: (386) 767-6556



Building Products L.P.

7815 American Way, Groveland, FL 34736
TEL: (352) 787-7766 x202 FAX: (352) 429-2011
TOLL FREE: 1-800-342-9077 bkaufmann@metalsusa.com

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.

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

Table 3A.1.1-110 Allowable Edge Beam Spans - Hollow Extrusions
for Screen, Acrylic or Vinyl Rooms
For 3 second wind gust at 110 MPH velocity; using design load of 11 #/SF (36 #/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'-4" d	6'-7" d	6'-9" d	1'-1" d	5	5'-8" d	6'-11" d	7'-1" d	1'-2" d
6	5'-0" d	6'-2" d	6'-4" d	1'-0" d	6	5'-4" d	6'-7" d	6'-8" d	1'-1" d
7	4'-9" d	5'-11" d	5'-11" b	0'-11" d	7	5'-1" d	6'-3" d	6'-4" d	1'-0" d
8	4'-7" d	5'-8" d	5'-7" b	0'-11" d	8	4'-10" d	5'-11" d	6'-1" b	0'-11" d
9	4'-5" d	5'-5" d	5'-3" b	0'-10" d	9	4'-8" d	5'-9" d	5'-9" b	0'-11" d
10	4'-3" d	5'-2" b	4'-11" b	0'-10" d	10	4'-6" d	5'-6" d	5'-5" b	0'-11" d
11	4'-1" d	4'-11" b	4'-9" b	0'-10" d	11	4'-4" d	5'-4" d	5'-2" b	0'-10" d
12	3'-11" d	4'-8" b	4'-7" b	0'-10" d	12	4'-3" d	5'-2" b	4'-11" 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	6'-0" d	7'-5" d	7'-7" d	1'-2" d	5	6'-9" d	8'-5" d	8'-7" d	1'-4" d
6	5'-8" d	7'-0" d	7'-2" d	1'-2" d	6	6'-5" d	7'-11" d	8'-0" d	1'-3" d
7	5'-5" d	6'-8" d	6'-10" d	1'-1" d	7	6'-1" d	7'-6" d	7'-8" d	1'-3" d
8	5'-2" d	6'-4" d	6'-6" d	1'-0" d	8	5'-10" d	7'-2" d	7'-4" d	1'-2" d
9	4'-11" d	6'-2" d	6'-3" d	0'-11" d	9	5'-7" d	6'-11" d	7'-0" d	1'-1" d
10	4'-9" d	5'-11" d	5'-11" b	0'-11" d	10	5'-5" d	6'-8" d	6'-9" d	1'-1" d
11	4'-8" d	5'-9" d	5'-8" b	0'-11" d	11	5'-3" d	6'-5" d	6'-7" d	1'-0" d
12	4'-6" d	5'-7" d	5'-5" b	0'-11" d	12	5'-1" d	6'-3" d	6'-5" d	1'-0" 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'-6" d	9'-3" d	9'-5" d	1'-6" d	5	9'-8" d	11'-11" d	12'-2" b	1'-11" d
6	7'-0" d	8'-8" d	8'-8" b	1'-5" d	6	9'-1" d	11'-3" d	11'-1" b	1'-10" d
7	6'-8" d	8'-3" d	8'-1" b	1'-4" d	7	8'-8" d	10'-8" b	10'-3" b	1'-9" d
8	6'-5" d	7'-9" b	7'-6" b	1'-3" d	8	8'-3" d	9'-11" b	9'-7" b	1'-8" d
9	6'-2" d	7'-4" b	7'-1" b	1'-3" d	9	7'-11" d	9'-5" b	9'-1" b	1'-7" d
10	5'-11" d	6'-11" b	6'-9" b	1'-2" d	10	7'-8" d	8'-11" b	8'-7" b	1'-6" d
11	5'-9" d	6'-8" b	6'-5" b	1'-2" d	11	7'-5" d	8'-6" b	8'-2" b	1'-6" d
12	5'-7" d	6'-4" b	6'-2" b	1'-1" d	12	7'-3" d	8'-1" b	7'-10" b	1'-5" 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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FAX: (386) 767-6556

CERTIFICATE OF OCCUPANCY

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 32-5S-16-03745-214

Building permit No. 0000233909

Use Classification POOL ENCLOSURE

Fire: 0.00

Permit Holder MICHEAL DELAHOZ

Waste:

Owner of Building DEB HALL

Total: 0.00

Location: 1634 SW SUNVIEW ST(SUNVIEW EST, LOT 14)

Date: 01/05/2006



John Ferce

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)