

Columbia County Building Permit Application

18621

Revised 9-23-04

For Office Use Only Application # 0001-26 Date Received 1/10/06 By G Permit # 24053
Application Approved by - Zoning Official BLK Date 17.01.06 Plans Examiner OK JTH Date 1-13-06
Flood Zone N/A Development Permit N/A Zoning RSF-1 Land Use Plan Map Category RES. U. L. DEN.
Comments _____

Applicants Name Robert McIntosh Phone 386-754-8678
Address 289 NW Corinth Dr Lake City FL 32055
Owners Name Hugh P. Skidmore Phone 859-200-1685
911 Address 228 SW Fantasy Glen Lake City 32024
Contractors Name Michael A. Delahoy Phone 386-754-8678
Address 289 NW Corinth Dr, Lake City FL 32055
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Gordon Sheppardson 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 16-43-16-03025-114 Estimated Cost of Construction \$8213.00
Subdivision Name Meadow Vista S/D Lot 14 Block _____ Unit _____ Phase _____
Driving Directions SW SR 247, Right on SW Upchurch Av, 3rd Left on SW Fantasy Glen, 4th House on left
Type of Construction Screened Pool Enclosure Number of Existing Dwellings on Property 1
Total Acreage _____ Lot Size 264' x 159' Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 75' Side 34' Side 98' Rear 126'
Total Building Height 1 Number of Stories 1 Heated Floor Area _____ Roof Pitch 4'6"

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 9th day of Dec 2005.

Personally known ☒ or Produced Identification _____

Nadean G.S. McIntosh
Contractor Signature

Contractors License Number SCC056689

Competency Card Number _____

NOTARY STAMP/SEAL

Nadean G.S. McIntosh

Commission # DD371494

Expires November 14, 2008

Bonded Trust Firm - Insurance, Inc. 800-385-7019

Nadean G.S. McIntosh
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 16-45-16-03025-117

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

Lot 14, of Meadow Vista Subdivision, Plat Book 6, Pg 140

Inst: 2006000531 Date: 01/10/2006 Time: 13:18

B DC, P. DeWitt Cason, Columbia County B: 1070 P: 1907

2. General description of improvement: Screened Pool Enclosure

3. Owner Name & Address Hugh P Skidmore 228 SW Fantasy

Glen Lake City, FL 32024 Interest in Property Owner

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 Phone Number _____

Address _____

Amount of Bond _____

7. Lender Name n/a Phone Number _____

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.

Hugh P Skidmore
Signature of Owner

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

NOTARY STAMP



Nadean G.S. McIntosh
Commission # DD371494
Expires November 14, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7015

Nadean G.S. McIntosh
Signature of Notary

104-1

Prepared by and Return to:

Katie Lilly

Gateway Title Agency, LLC

4255 SW Cambridge Glen

Lake City, Florida 32024

File Number: 34518GW

Parcel I.D. Number: R03025-114

incidental to the issuance of a Title Insurance Policy

Return To Keystone Title Agency, Inc.
8735 U.S. Hwy. 19
Port Richey, FL 34668
File #34518GW

Inst: 2005024595 Date: 10/04/2005 Time: 12:24

Doc Stamp-Deed: 1575.00

DC, P. DeWitt Cason, Columbia County B: 1060 P: 1872

General Warranty Deed

Made this 9-22-05 A.D. By Lowell A. Hires and Brigitte B. Hires, husband and wife, whose address is: 6635 Dumont Lane #308, Columbus, OH 43235 hereinafter called the grantor, to Hugh P. Skidmore and Nova B. Skidmore, husband and wife, whose post office address is: 228 SW Fantasy Glen, Lake City, FL 32024, hereinafter called the grantee:

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

Witnesseth, that the grantor, for and in consideration of the sum of Two Hundred Twenty Five Thousand dollars & no cents, (\$225,000.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 14, of Meadow Vista Subdivision, according to the Plat thereof, as recorded in Plat Book 6, at Page 140, of the Public Records of Columbia County, Florida.

Subject to covenants, conditions, restrictions, reservations, limitations, easements and agreements of record, if any; taxes and assessments for the year 2005 and subsequent years; and to all applicable zoning ordinances and/or restrictions and prohibitions imposed by governmental authorities, if any

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

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

Signed, sealed and delivered in our presence:

Nancy E. Montgomery
Witness Printed Name Nancy E. Montgomery

Philip S. Peltok
Witness Printed Name Philip S. Peltok

State of Ohio
County of Franklin

Lowell A. Hires (Seal)
Lowell A. Hires

Brigitte B. Hires (Seal)
Brigitte B. Hires

The foregoing instrument was acknowledged before me this September 22, 2005 by Lowell A. Hires and Brigitte B. Hires, husband and wife, who has produced a drivers license as identification.

Notary Public
seal:
exp: 12-9-09



NANCY E. MONTGOMERY
Notary Public, State of Ohio
My Commission Expires Dec. 9, 2009

Columbia County Property Appraiser

DB Last Updated: 12/8/2005

Parcel: 16-4S-16-03025-114

2006 Proposed Values

[Tax Record](#)
[Property Card](#)
[Interactive GIS Map](#)
[Print](#)

Owner & Property Info

Search Result: 1 of 1

Owner's Name	SKIDMORE HUGH P & NOVA B
Site Address	FANTASY
Mailing Address	228 SW FANTASY GLN LAKE CITY, FL 32024
Brief Legal	LOT 14 MEADOW VISTA S/D. ORB 803-1448, 932-1845, WD 1018-2502, WD 1060-1872.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	16416.03
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	0.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$20,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$132,459.00
XFOB Value	cnt: (4)	\$18,405.00
Total Appraised Value		\$170,864.00

Just Value	\$170,864.00
Class Value	\$0.00
Assessed Value	\$163,567.00
Exempt Value	\$0.00
Total Taxable Value	\$163,567.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
9/22/2005	1060/1872	WD	I	Q		\$225,000.00
6/18/2003	1018/2502	WD	I	Q		\$192,900.00
8/6/2001	932/1845	WD	I	Q		\$144,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2001	Above Avg. (10)	1967	2672	\$132,459.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2001	\$5,073.00	2029.000	0 x 0 x 0	(.00)
0280	POOL R/CON	2001	\$10,752.00	512.000	16 x 32 x 0	(.00)
0166	CONC,PAVMT	2001	\$1,380.00	552.000	28 x 38 x 0	(.00)
0169	FENCE/WOOD	2001	\$1,200.00	1.000	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	\$20,000.00	\$20,000.00

Columbia County Property Appraiser

DB Last Updated: 12/8/2005

1 of 1



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 16-4S-16-03025-114 - SINGLE FAM (000100)

LOT 14 MEADOW VISTA S/D. ORB 803-1448, 932-1845, WD 1018-2502, WD 1060-1872.

Name: SKIDMORE HUGH P & NOVA B

Site: FANTASY

228 SW FANTASY GLN

Mail: LAKE CITY, FL 32024

Sales 9/22/2005 \$225,000.001 / Q

Info 6/18/2003 \$192,900.001 / Q

8/6/2001 \$144,900.001 / Q

LandVal \$20,000.00

BldgVal \$132,459.00

ApprVal \$170,864.00

JustVal \$170,864.00

Assd \$163,567.00

Exmpt \$0.00

Taxable \$163,567.00

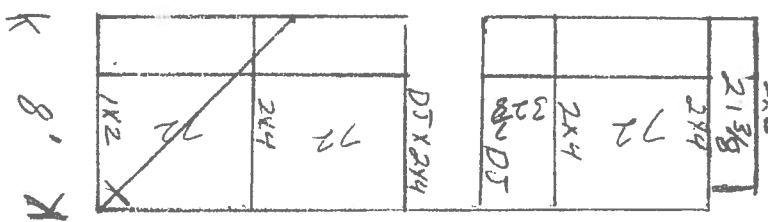
0 42 84 126 ft



This information, GIS Map Updated: 12/8/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Not to fix

6'-3" + 6'-2" + 6'-2" + 6'-2" + 6'-2"

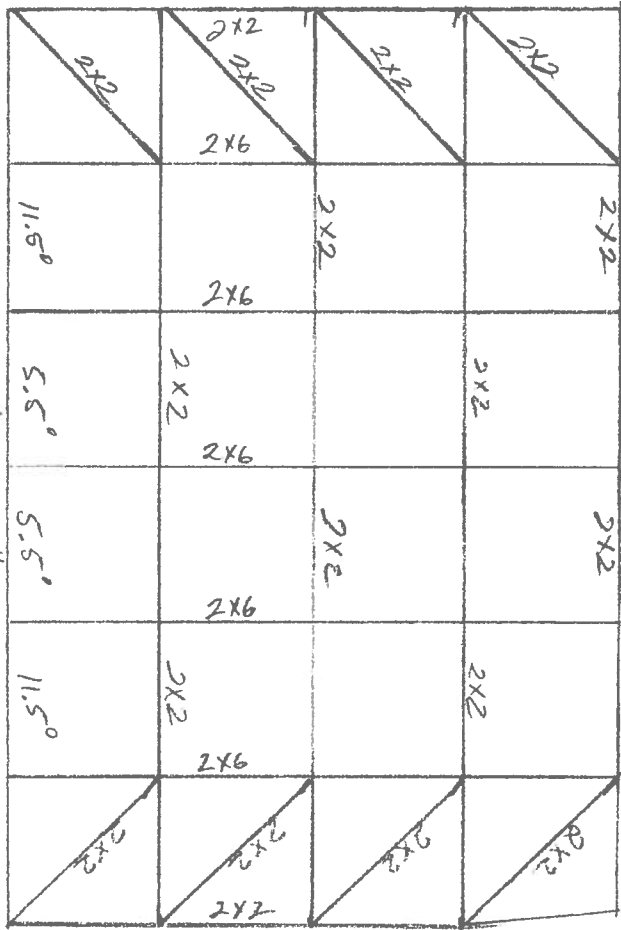


K

24'-11"

12'-6"

299 224 150 76



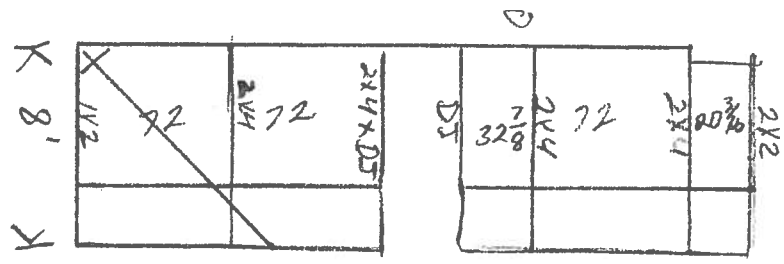
224/225 150 76

5'-0" depth

2x2

6'-4" + 6'-4" + 6'-4" + 6'-4" + 6'-4" + 6'-4"

37'-10"



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: <i>Hugh P Skidmore</i>	
Address: 289 Northwest Corinth Dr.		Address: <i>228 SW Fantasy Glen</i>	
Lake City, FL 32055		<i>Lake City FL 32024</i>	
Phone number: 386-754-8675		Legal Description: <i>14 Lot Meadow Vista S/D</i>	
Member ID Number:		<i>16-48-16-03025-114</i>	

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	
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		
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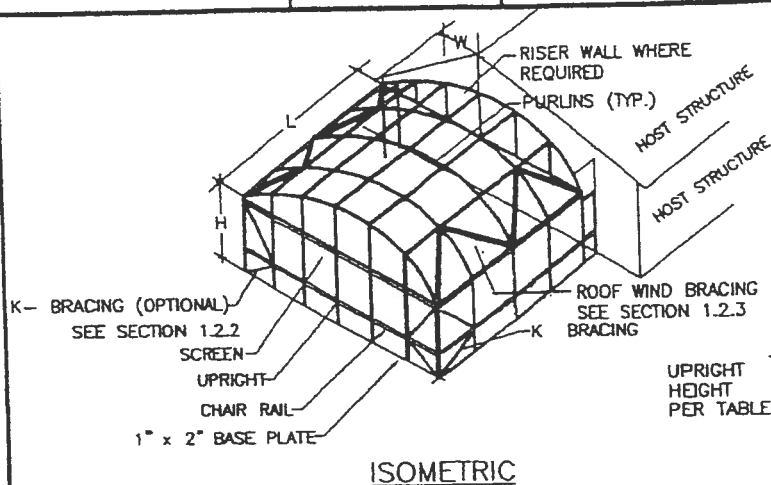
Date: **MAY 22 2005**

Gordon H. Shephardson, P.E. 19333

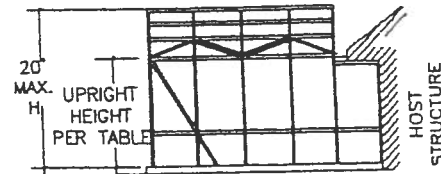
SECTION 1.1.1

DOME

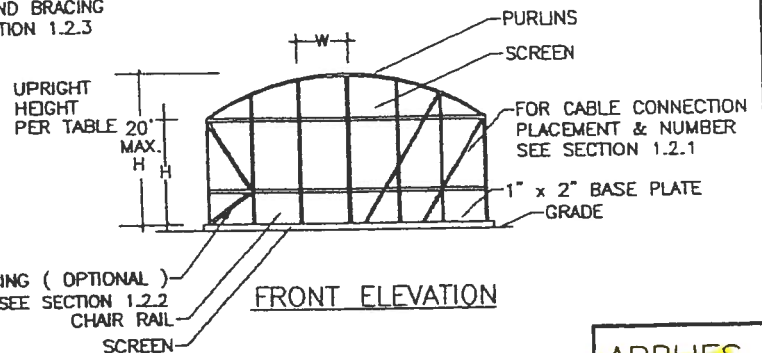
SCREEN ENCLOSURES

REVISIONS
02/15/05

ISOMETRIC



SIDE ELEVATION



FRONT ELEVATION

TYPICAL DOME ROOF

APPLIES

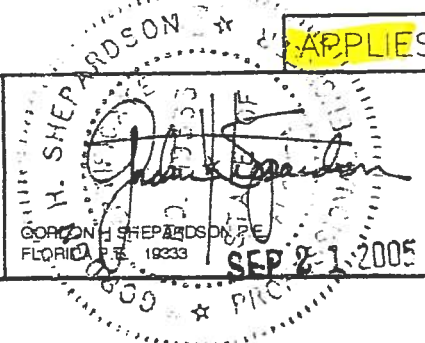
(STANDARDS)

- 1) 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.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) ALL FASTENERS WILL BE 24" C - C MAX. UNLESS OTHERWISE NOTED. SCREWS SHALL BE COATED WEATHER SEALED.
- 7) NO OPEN AREA BETWEEN ALUMINUM SHALL EXCEED 56 S.F.
- 8) ALL SCREEN ENCLOSURE DOORS SHALL BE SELF LATCHING AND CLOSING AND MAY BE LOCATED INTO ANY SCREEN PANEL OPENING.
- 9) DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES CENTER TO CENTER.
- 10) 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.
- 11) ENCLOSURE MUST BE GROUNDED AND BONDED IN ACCORDANCE WITH N.E.C.
- 12) NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- 13) 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.
- 14) 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.

APPLIES

THIS PAGE CAN ONLY BE USED IF THE CONTRACTOR IS AUTHORIZED TO USE THE MASTER FILE MANUAL OR IF THE PAGE HAS AN ORIGINAL SIGNATURE AND SEAL

FLILINE INC.
1025 S. SEMORAN BLVD.
SUITE 1093
WINTER PARK FL 32792
TEL. (407) 679-7500
FAX (407) 679-9188
E-MAIL



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.

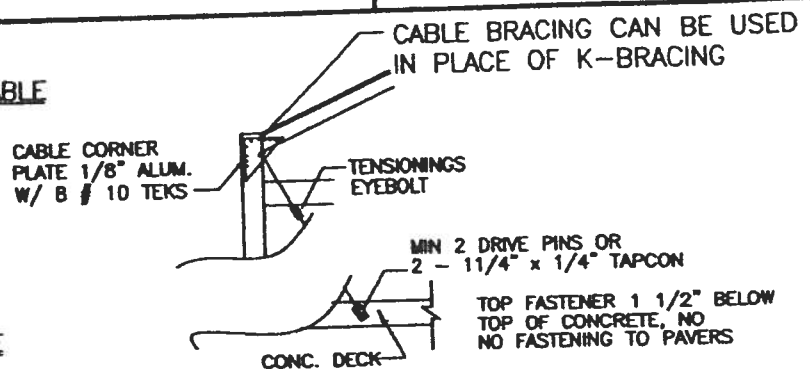
NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL ABOVE THE TOP CHAIR RAIL

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

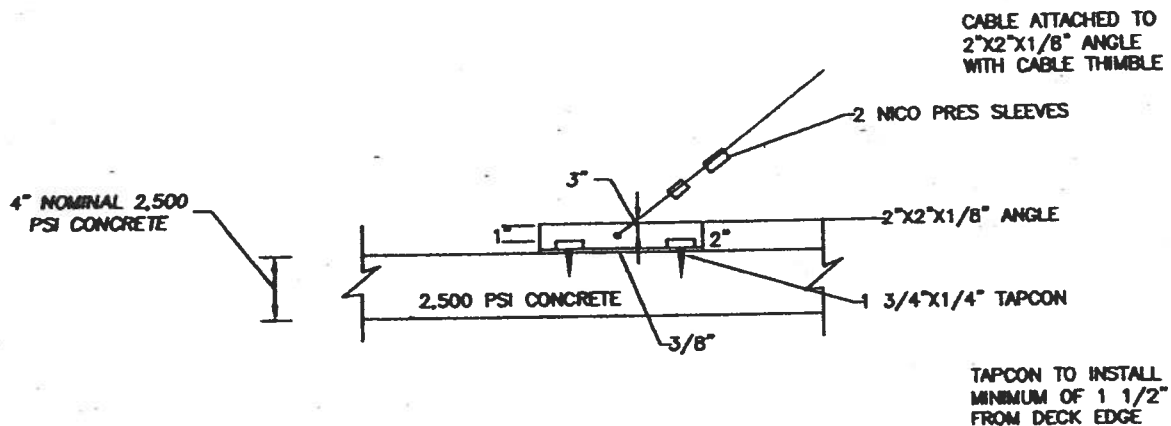
HOMEOWNER MAINTENANCE RESPONSIBILITY:
CABLE MUST REMAIN TIGHT AT ALL TIMES. CABLE SHOULD BE TIGHTENED PERIODICALLY TO REMOVE SLACK. TO AVOID DAMAGE CONTACT A QUALIFIED SERVICE COMPANY.



SCREEN CABLE BRACING DIAGRAM

CABLE SCHEDULE FOR SCREEN ENCLOSURE

APPLIES



CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK

APPLIES

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FLILINE INC.
1025 S. SEMORAN BLVD.
SUITE 1093
WINTER PARK FL. 32792
TEL (407) 679-7500
FAX (407) 679-9188
E-MAIL

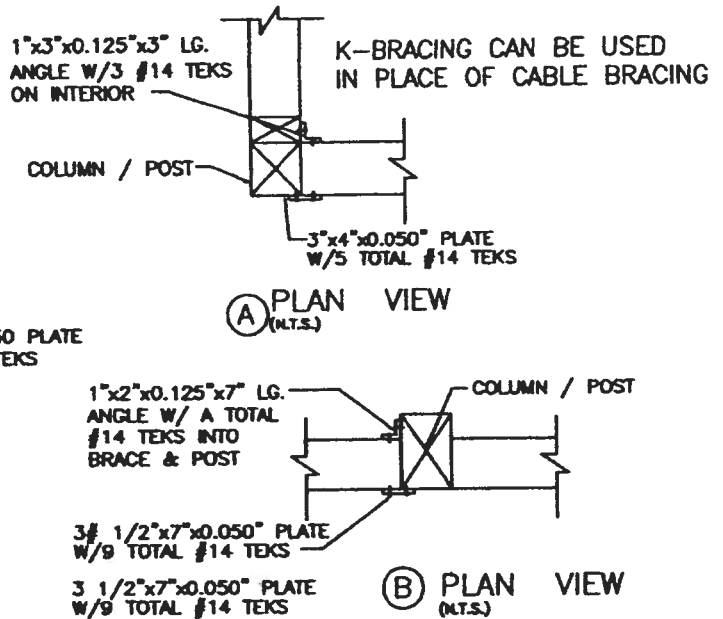
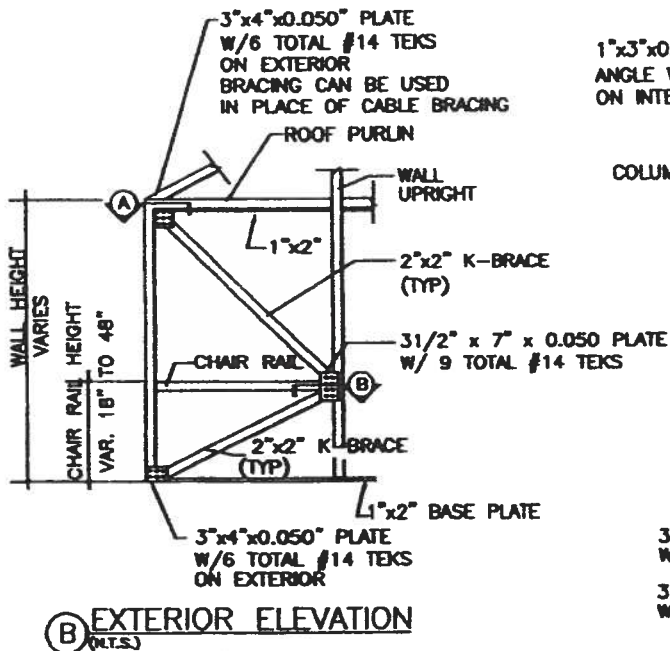
FEB 15 2005

GORDON H. STEPHANSON P.E.
FLORIDA P.E. 11833

SECTION 1.2.2

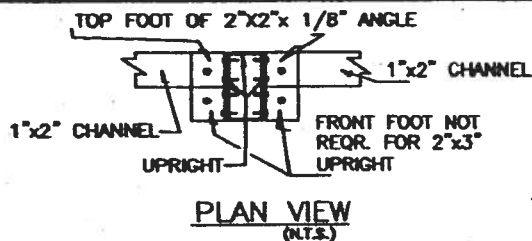
DETAILS

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

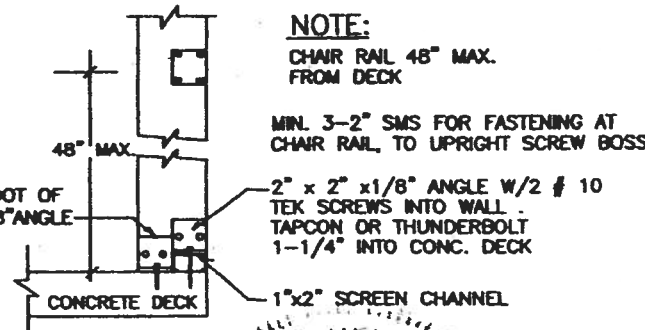
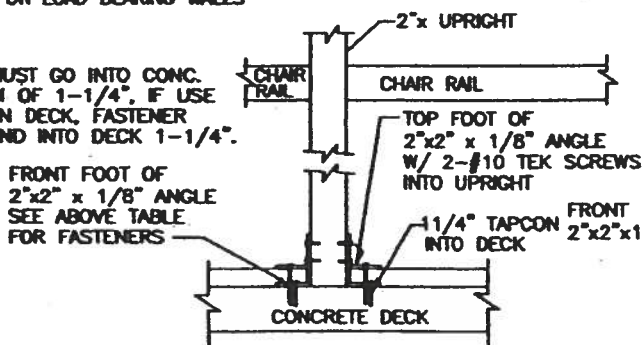
NOTE:

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".

**NOTE:**

CHAIR RAIL 48" MAX. FROM DECK

MIN. 3-2" SMS FOR FASTENING AT CHAIR RAIL TO UPRIGHT SCREW BOSS

TYPICAL DECK PLATE & POST CONNECTION

APPLIES

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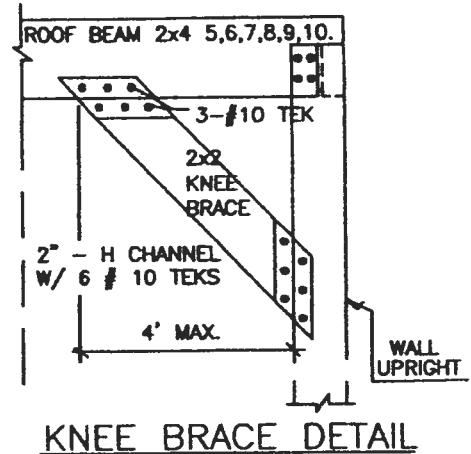
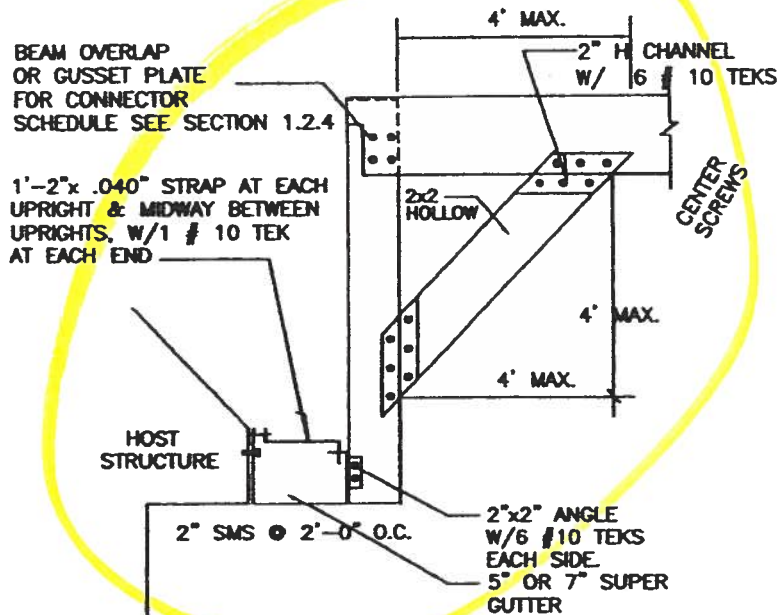
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SECTION 1.2.3

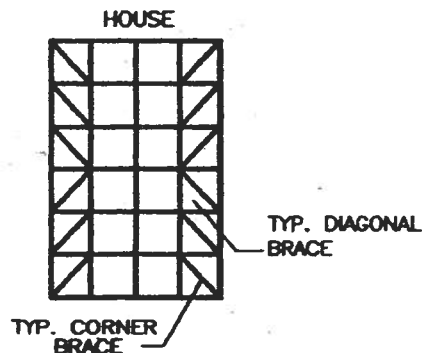
DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05

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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SECTION 1.2.4

DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05

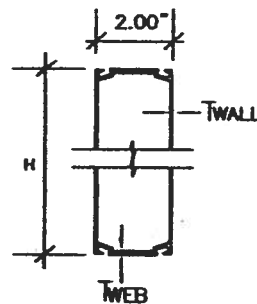
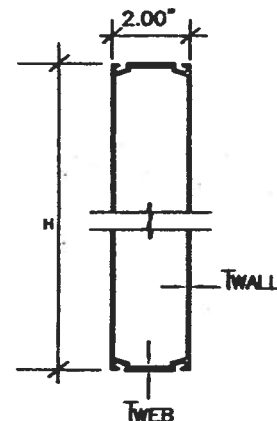
UPRIGHT	BEAMS							
	2x4	8	10	10	14	X	X	X
	2x5	10	10	14	16	X	X	
	2x6	10	14	16	16	18	18	X
	2x7	14	16	16	18	18	20	X
	2x8	16	16	18	18	20	22	22
	2x9	16	18	18	20	22	22	24
	2x10	18	18	20	22	22	24	24

#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	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 ALLOWEDHOMEOWNER 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	T _{WALL}	T _{WEB}	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 TABLESNAP EXTRUSIONSELF MATING
BEAMALUMINUM PHYSICAL PROPERTIES**APPLIES**THIS PAGE CAN ONLY BE USED
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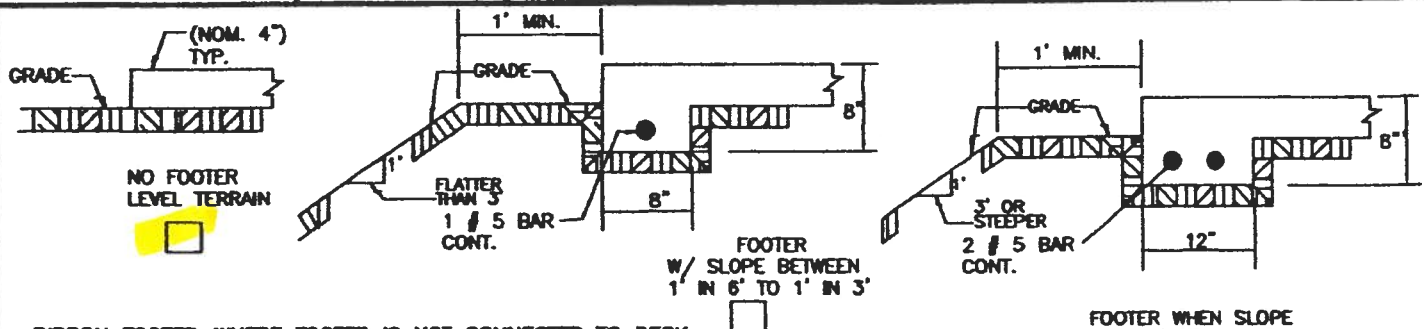
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SECTION 1.2.10

DETAILS

SCREEN ENCLOSURES

REVISIONS
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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

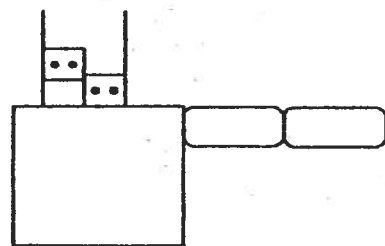
☐ USE 8"x12" CONCRETE RIBBON FOOTER W/ 2 #5 REBARS CONTINUOUS TO SUPPORT UPRIGHTS LARGER THAN 2" X 6"

- 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.

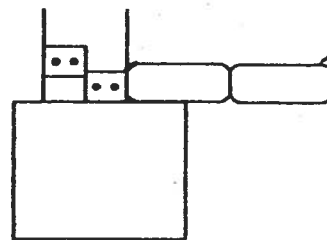
FOOTER WHEN SLOPE 1' IN 3' OR STEEPER OR WHEN DECK EXTENDS 33' OR MORE PERPENDICULAR TO THE SUPPORTING STRUCTURE.

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
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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
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ROOF BEAM SPANS

Interpolation between spans is permitted.

SPANS	ROOF SPACING (number of feet)						HEIGHTS	UPRIGHT SPACING (number of feet)					
	4'	5'	6'	7'	8'	9'		4'	5'	6'	7'	8'	9'
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	35'6	35'0	33'6	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	39'6	39'0	37'6	34'11
2 X 10 - 2 KNEES	52'4	49'4	47'1	45'3	43'8	42'4							

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 3: Spans and heights using knee braces are used only for dome, flat, and no splice gable roof styles.
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 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 wall upright height is 20ft or greater.

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