

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0605-58 Date Received 5/16 By DL Permit # 24552
Application Approved by - Zoning Official BLK Date 5/16/06 Plans Examiner OK 5TH Date 5-16-06
Flood Zone X Development Permit N/A Zoning RSF2 Land Use Plan Map Category Res. -
Comments Low Density

Applicants Name Robert McIntosh Phone 386-754-8678
Address 289 NW Corinth Dr Lake City FL 32055
Owners Name Hall, Charles W & Roberta Phone 719-7001
911 Address 822 NW Scenic Lake Dr Lake City FL
Contractors Name Michael A Delattaz 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 _____
Mortgage Lenders Name & Address n/a
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 22-39-16-02268-219 HX Estimated Cost of Construction 7595.00
Subdivision Name Woodborough Lot 19 Block _____ Unit _____ Phase 1
Driving Directions NW Lake Jeffery Rd. Left on NW Scenic Lake Dr
at Woodborough S/D after you curve left house is
on the left
Type of Construction Screen Pool Enclosure Number of Existing Dwellings on Property 1
Total Acreage 1.639 Lot Size 125' x 236.42 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 51 Side 26 Side 37 Rear 102
Total Building Height 12'6" Number of Stories 1 Heated Floor Area _____ Roof Pitch _____

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

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

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

Robert McIntosh
Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

I swear to (or affirmed) and subscribed before me
this _____ day of _____ 20____.
Personally known _____ or Produced Identification _____

Michael A Delattaz
Contractor Signature
Contractors License Number SCC 056669
Competency Card Number _____
NOTARY STAMP/SEAL



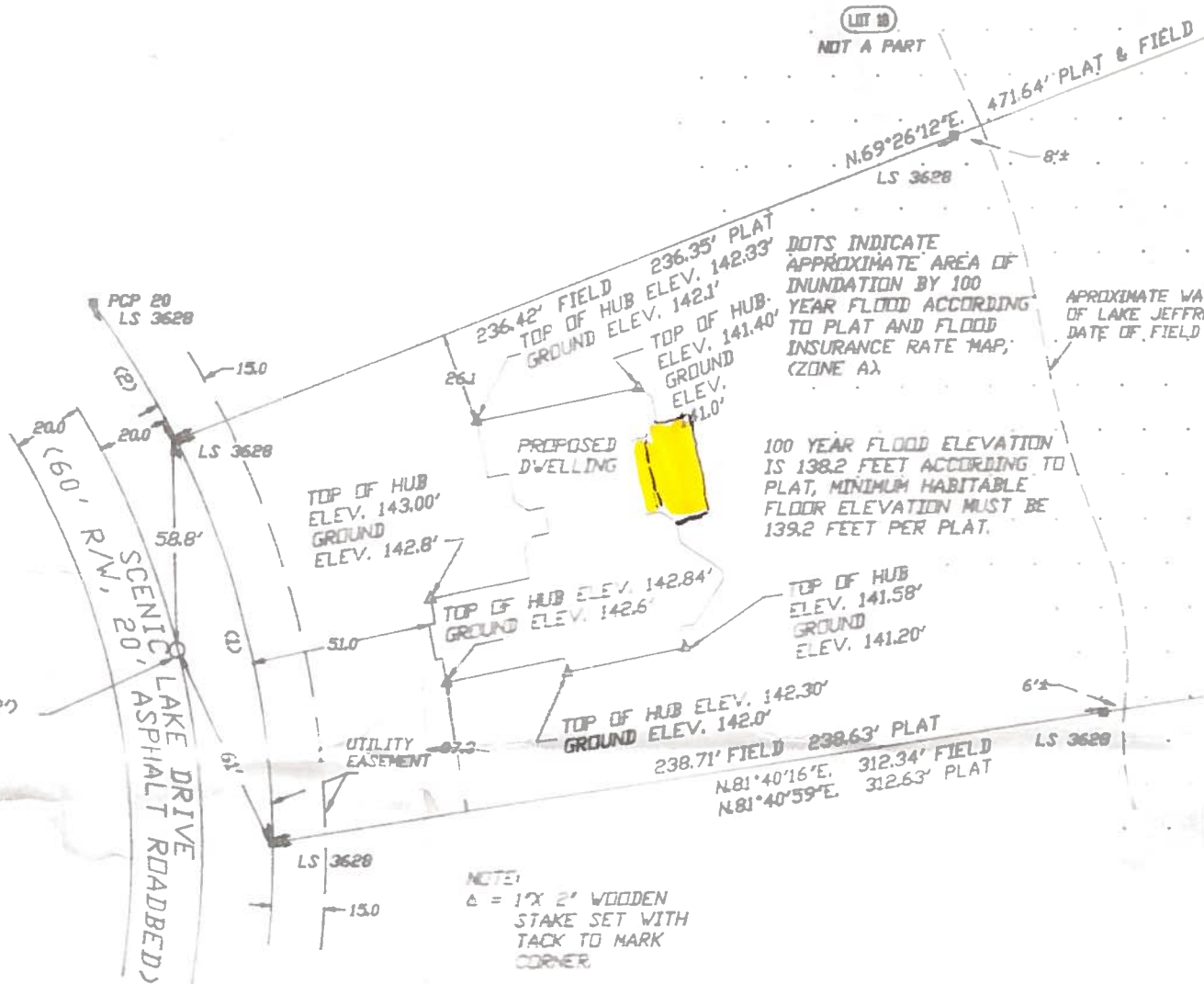
Nadean G.S. McIntosh
Commission # DD371494
Expires November 14, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Notary Signature

JW ADVISED 606 S. 23.06

FIELD
 Radius= 260.00
 Delta= 26°00'41"
 Arc= 118.04
 Tangent= 60.05
 Chord= 117.03
 Chord Brg. S.13°10'44"E.
 PLAT
 Radius= 260'
 Arc= 118.00'

FIELD
 Radius= 260.00
 Delta= 09°56'48"
 Arc= 45.14
 Tangent= 22.63
 Chord= 45.08
 Chord Brg. S.31°08'56"E.
 PLAT
 Radius= 260'
 Arc= 45.11'



(UNIT 2)

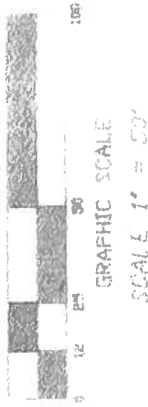
NET A PART

DESCRIPTION

Lot 10 of "WOODBORO" UNIT PHASE I as per Plat thereof recorded in Plat Book 5 Page 114 of the Public Records of Columbia County, Fla.

SURVEYOR'S NOTES

1. Boundary based on monumentation found in accordance with the return of the original survey for said plat of record.
2. Bearings based on said plat of record using monuments found at the N.W. corner of Lot 19 and on the North line of said Lot 19 at the edge of Lake Jeffery.
3. Some portions of this parcel are in zone "A" and may be subject to flooding according to the said record plat of "Woodboro" Phase I and Flood Insurance rate map dated January 6, 1988, Community Panel No. 120070 0125B. However, some portions of this parcel are in zone "X" and are determined to be outside the 500 year flood plain.
4. No easement for drainage is shown on this lot on said plat of record.
5. The improvements, if any, indicated on this survey drawing are as located on date of field survey as shown herein.
6. If they exist, no underground encroachments and/or utilities were located for this survey except as shown herein.
7. This office accepts no responsibility for any survey drawing unless it is signed and a seal embossed thereon.
8. CLOSURE of field survey is 1/9/10/3.
9. CERTIFIED TO:
A. Timothy L. Russell
B. Elizabeth M. Russell



SYMBOL LEGEND

- CONCRETE MONUMENT FOUND
- CONCRETE MONUMENT SET, LS 4708
- IRON PIN OR PIPE FOUND
- 5/8" IRON ROD SET, LS 4708
- WIRE FENCE
- ELECTRIC UTILITY LINE (OVERHEAD)
- CABLE TV LINE (OVERHEAD)
- CHAIN LINK FENCE
- WOODEN FENCE
- CORRUGATED METAL PIPE
- REINFORCED CONCRETE PIPE
- LAND SURVEYOR
- OFFICIAL RECORD BOOK
- PERMANENT REFERENCE MONUMENT
- PERMANENT CONTROL POINT
- UTILITY POLE
- RIGHT-OF-WAY
- NO IDENTIFICATION
- FLA. DEPT. OF TRANSPORTATION

MARK D. DUI
LS 47

KT. 18 BC
SISTERS WELC
LAKE CITY, FL
(904) 758-99
(904) 752-1

FIELD SURVEY DATE 12
DATE DRAWN 12
FOR

FIELD BOOK 13
DRAWN BY M. DUREN

WD# 202-02

Columbia County Property Appraiser

DB Last Updated: 5/5/2006

Parcel: 22-3S-16-02268-219 HX

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 2 Next >>

Owner's Name	HALL CHARLES W & ROBERTA W
Site Address	SCENIC LAKE
Mailing Address	822 NW SCENIC LAKE DR LAKE CITY, FL 32055
Description	LOT 19 WOODBOROUGH PHASE 1. ORB 789-2073, 874-1111, WD 1027-284.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	22316.01
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.639 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$110,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$318,940.00
XFOB Value	cnt: (4)	\$14,618.00
Total Appraised Value		\$443,558.00

Just Value	\$443,558.00
Class Value	\$0.00
Assessed Value	\$378,806.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$353,806.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
9/30/2004	1027/284	WD	I	Q		\$459,000.00
2/9/1999	874/1111	WD	I	Q		\$381,700.00
5/4/1994	789/2073	WD	V	Q		\$56,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	EXCEPT SFR (000900)	1995	Above Avg. (10)	3910	5114	\$318,940.00
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	1995	\$7,028.00	3514.000	0 x 0 x 0	(.00)
0180	FPLC 1STRY	1995	\$2,150.00	1.000	0 x 0 x 0	(.00)
0021	BARN,FR AE	1995	\$2,160.00	216.000	12 x 18 x 0	(.00)
0083	DOCK-LAKE	1993	\$3,280.00	820.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000133	SFR LAKE (MKT)	1.000 LT - (.639AC)	1.00/1.00/1.00/1.00	\$110,000.00	\$110,000.00

Columbia County Property Appraiser

DB Last Updated: 5/5/2006

1 of 2

Next >>

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 22-33-16-02268-219 HX

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

Lot 19 Woodborough Phase 1. ORB 789-2073, 874-1111
WD 1027-284
822 NW Scenic Lake Dr.
Lake City, FL 32055

2. General description of improvement: Screen Pool Enclosure

3. Owner Name & Address Charles - R - Roberta Hall
822 NW Scenic Lake Dr. Lake City, FL 32055 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 _____

7. Lender Name N/A Inst: 2006011889 Date: 05/16/2006 Time: 10:22
Address _____ J.D. DC, P. DeWitt Cason, Columbia County B: 1083 P: 2312

8. Persons within the State of Florida designated by
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.

Charles R. Hall
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of May 15, 2006

NOTARY STATE OF FLORIDA
Nadean G.S. McIntosh
Commission # DD371494
Expires November 14, 2008
Bonded Title Plus - Insurance, Inc. 800-385-7019

Nadean G.S. McIntosh
Signature of Notary

FLILINE INC.

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

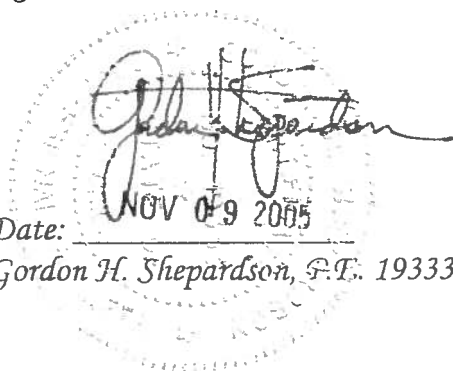
Authorization Letter to use Aluminum Design Manual Master-file

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

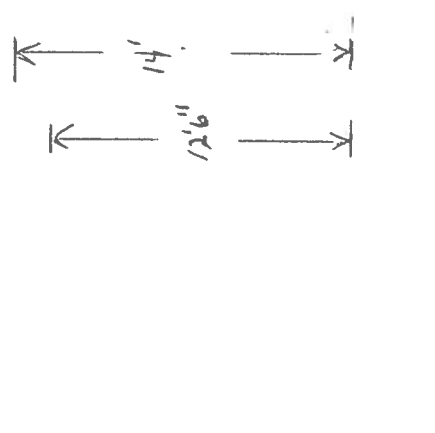
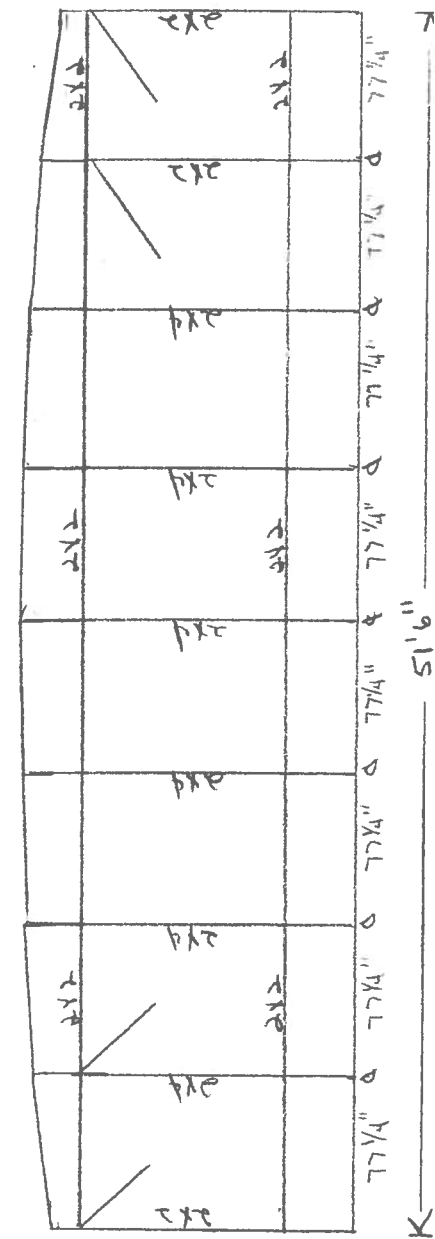
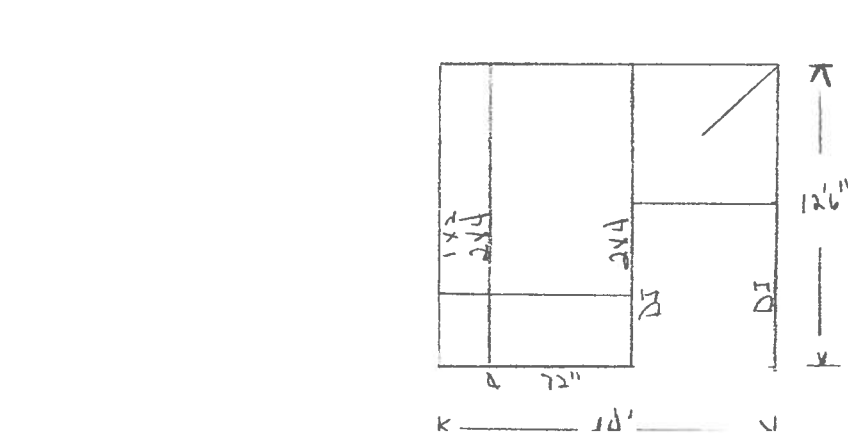
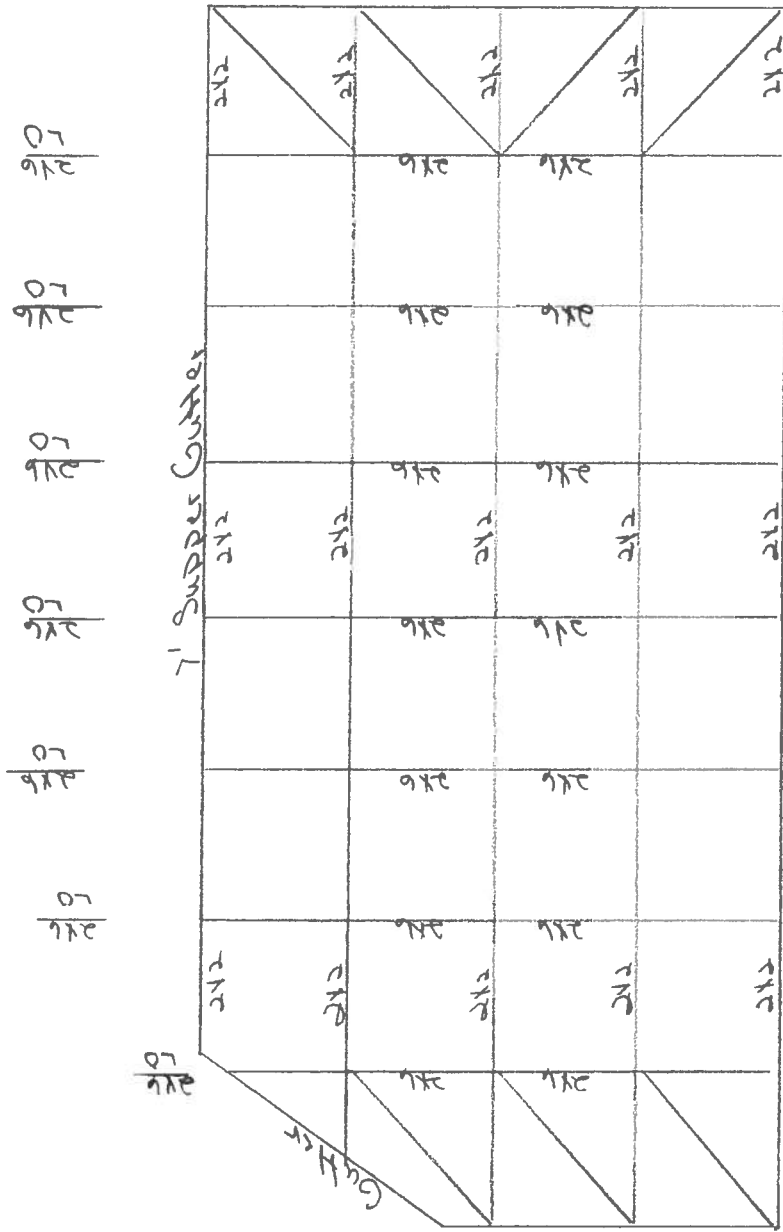
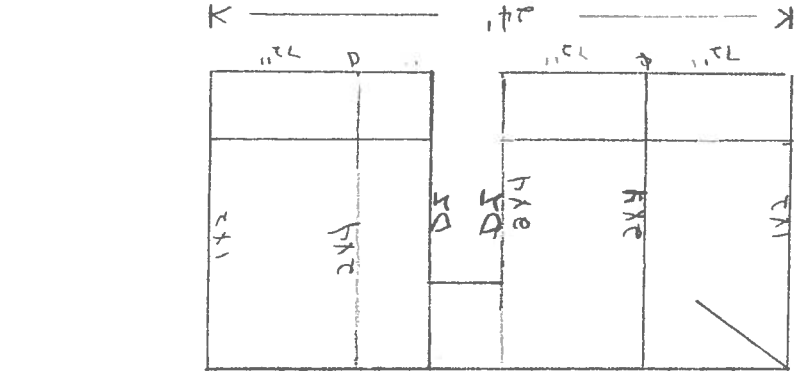
Building Official,

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

Hall - Dome



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.

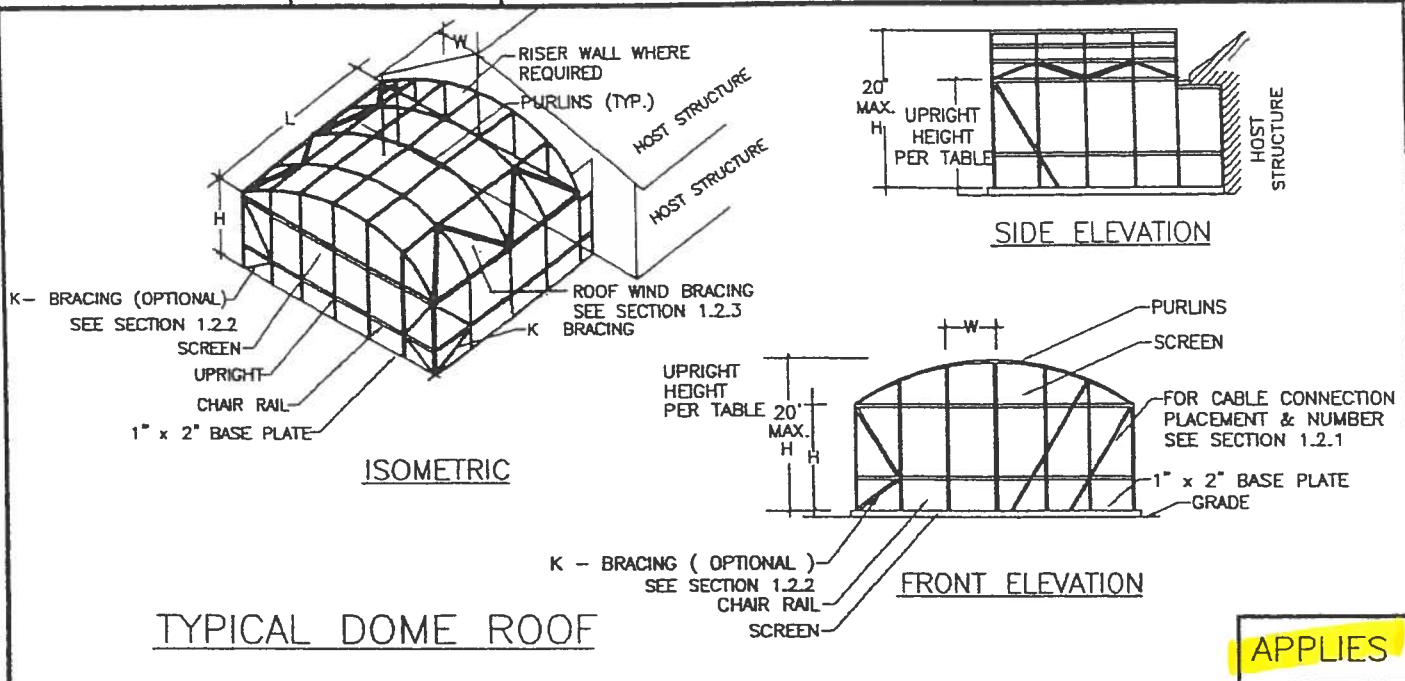
CONTRACTOR:	JOB REFERENCE:
Company Name: Florida Pool Enclosures	Owner Name: Hall, Charles "Roberta"
Address: 289 Northwest Corinth Dr. Lake City, FL 32055	Address: 822 NW Scenic Lake Dr Lake City
Phone number: 386-754-8675	Legal Description: Lot 19 Woodborough S/D
Member ID Number:	

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		
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. Sheppardson, P.E. 19333

SECTION 1.1.1	DOME	SCREEN ENCLOSURES	REVISIONS 02/15/05
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(STANDARDS)

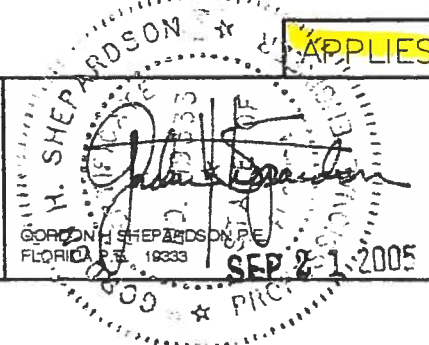
- 1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2004 AS AMENDED & THE FLORIDA BUILDING CODE RESIDENTIAL AS AMENDED & ASCE 7-98 FOR WIND LOAD ON THE ATTACHED TABLES.
- 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40'-0" PROJECTION FROM THE HOST STRUCTURE (REGARDLESS OF DIRECTION 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

APPLIES

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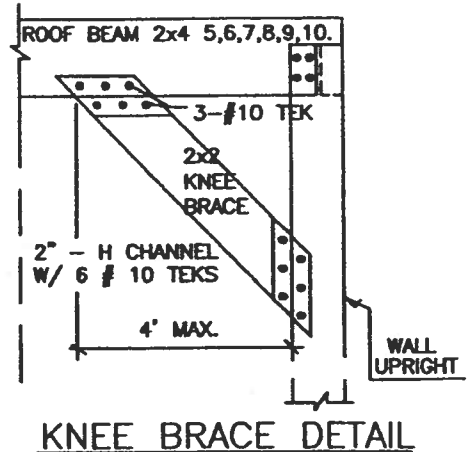
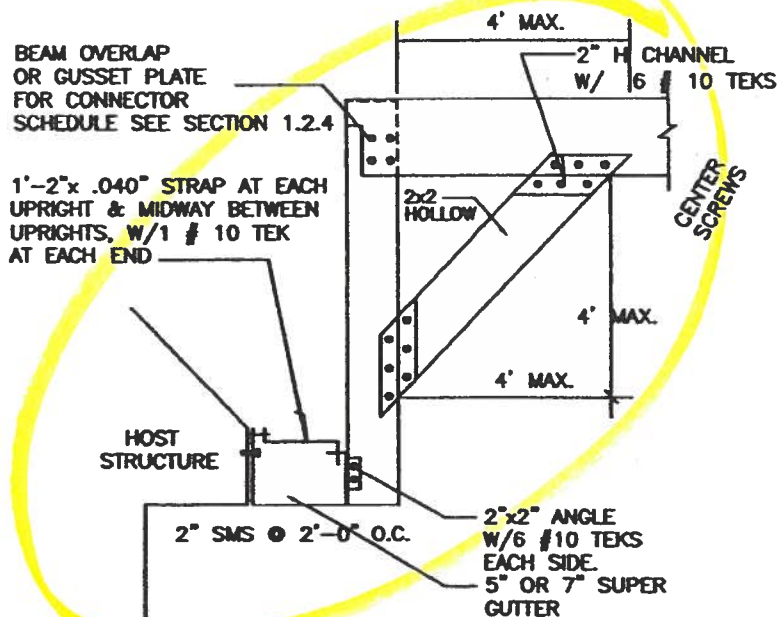
FLILINE INC.
1025 S. SEMORAN BLVD.
SUITE 1093
WINTER PARK FL 32792
TEL (407) 679-7500
FAX (407) 679-9188
E-MAIL



SECTION 1.2.3

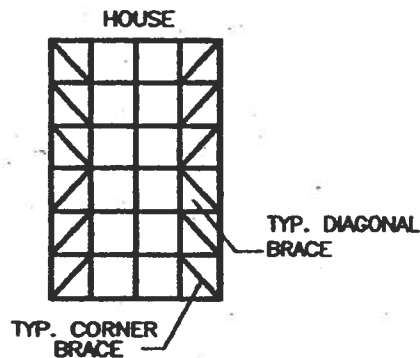
DETAILS

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

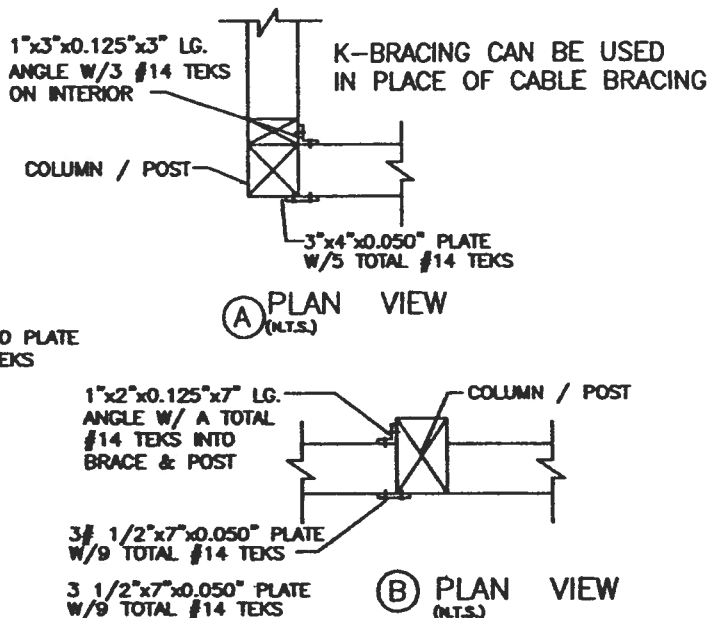
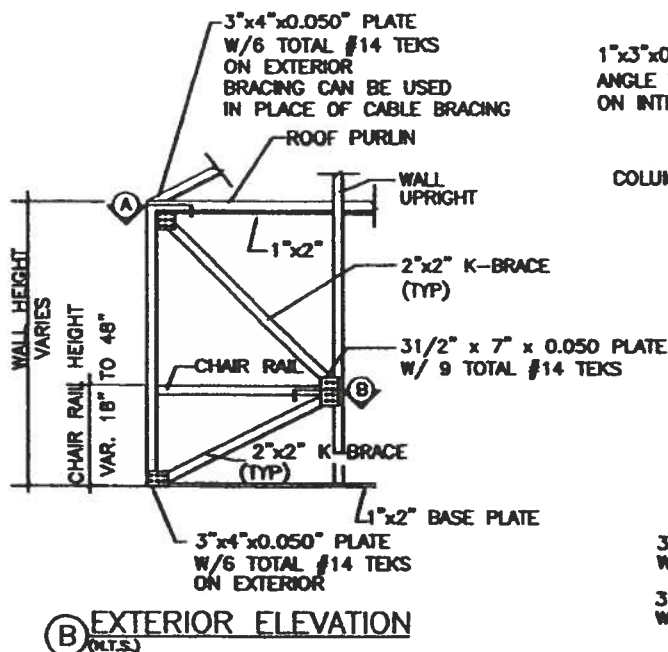
FEB 15 2005

GORDON H SHEPARDSON P.E.
FLORIDA P.E. 19833

SECTION 1.2.2

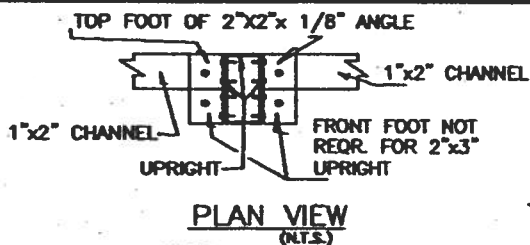
DETAILS

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:

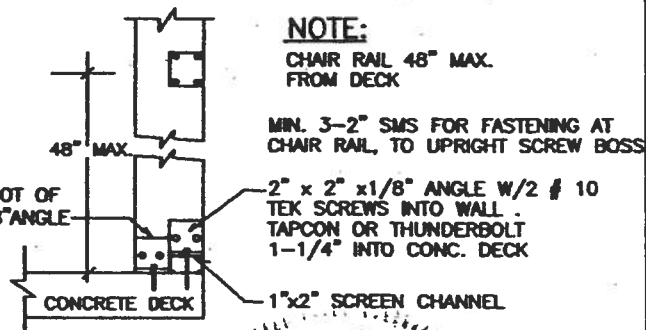
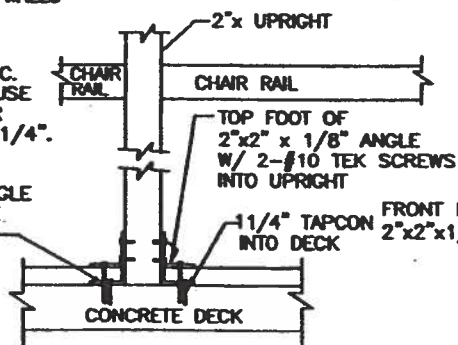
2X2 ANGLE ONLY ON LOAD BEARING WALL

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

**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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FEB 15 2005

GORDON H SHEPARDSON P.E.
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SECTION 1.2.1

DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05FRONT 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.

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

CABLE BRACING CAN BE USED
IN PLACE OF K-BRACING

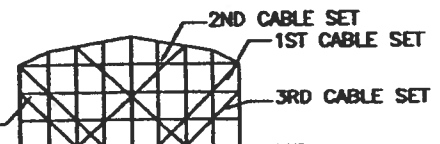
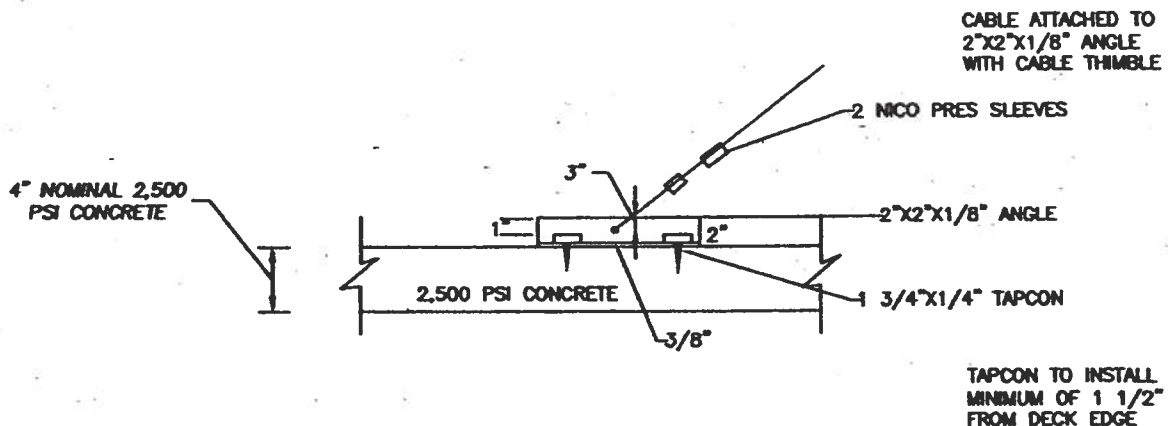
TENSIONING
EYEBOLT

MIN 2 DRIVE PINS OR
2 - 11/4" x 1/4" TAPCON

TOP FASTENER 1 1/2" BELOW
TOP OF CONCRETE, NO
NO FASTENING TO PAVERS

CONC. DECK

TOP CHAIR RAIL WHEN
PANEL EXCEED 56 S.F.

SCREEN CABLE BRACING DIAGRAMCABLE SCHEDULE FOR SCREEN ENCLOSURE**APPLIES**CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK**APPLIES**

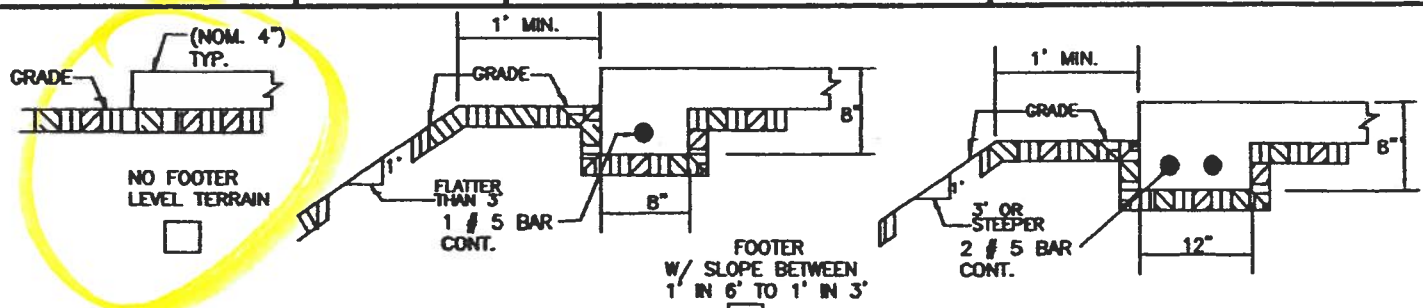
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SECTION 1.2.10	DETAILS	SCREEN ENCLOSURES	REVISIONS 02/15/05
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RIBBON FOOTER—WHERE FOOTER IS NOT CONNECTED TO DECK:

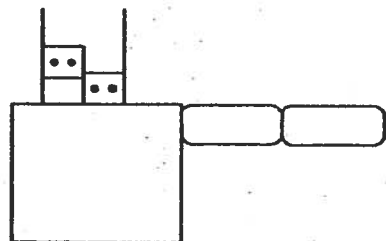
☐ USE 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR CONTINUOUS TO SUPPORT UP TO 2" X 6" UPRIGHT

☐ USE 8"x 12" CONCRETE RIBBON FOOTER W/ 2 # 5 REBARS CONTINUOUS TO SUPPORT UPRIGHTS LARGER THAN 2" X 6"

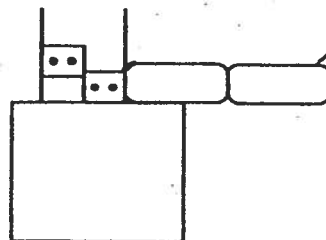
- 1) FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (>1500 PSI:) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.
- 2) CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.
- 3) 3 - #3 BARS IS EQUIVALENT TO 1 #5 BARS.

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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SECTION 1.2.4

DETAILS

SCREEN ENCLOSURES

REVISIONS
02/15/05

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	2x10
UPRIGHT	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.

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	2x10
UPRIGHT	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

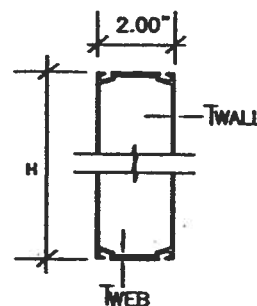
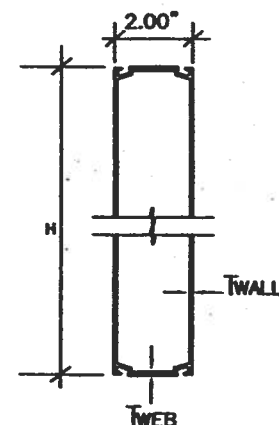
#14 TEK SCREWS EACH SIDE OF BEAM
X- NO CONNECTION ALLOWED

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	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

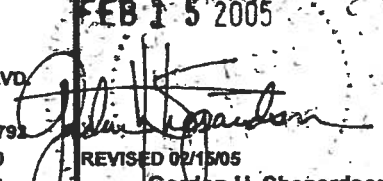
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BEAM SPAN AND UPRIGHT HEIGHT TABLES

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.											
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	31'10	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	30'1
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	34'1
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.				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 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.				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.			
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