

DATE 12/19/2005

# Columbia County Building Permit

PERMIT


This Permit Expires One Year From the Date of Issue

000023973

APPLICANT ROBERT MCINTOSH PHONE 754-8678  
ADDRESS 289 NW CORINTH DRIVE LAKE CITY FL 32055  
OWNER DONALD & CYNTHIA NORSTRAND PHONE 754-8678  
ADDRESS 238 SE JEFFERSON GLEN HIGH SPRINGS FL 32643  
CONTRACTOR MICHAEL A. DELAHOZ PHONE 754-8678  
LOCATION OF PROPERTY 441 S, L ADAMS RD, L BRAWLEY, SEE SHARP CURVE LOOK LEFT  
1ST HOUSE BEHIND M/H

TYPE DEVELOPMENT SCREEN ENCLOSURE ESTIMATED COST OF CONSTRUCTION 8500.00  
HEATED FLOOR AREA                      TOTAL AREA                      HEIGHT                      STORIES                       
FOUNDATION                      WALLS                      ROOF PITCH                      FLOOR                       
LAND USE & ZONING A-3 MAX. HEIGHT                       
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U.                      FLOOD ZONE X PS DEVELOPMENT PERMIT NO.                     

PARCEL ID 11-7S-17-09983-035 SUBDIVISION BICENTENNIAL ACRES  
LOT 40 BLOCK                      PHASE                      UNIT                      TOTAL ACRES                     

                                          SCC056689   
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING X05-0352 BK JH N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident



COMMENTS: NOC ON FILE

Check # or Cash 2687

## 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 \$ 45.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$                      FIRE FEE \$ 0.00 WASTE FEE \$                       
FLOOD DEVELOPMENT FEE \$                      FLOOD ZONE FEE \$                      CULVERT FEE \$                      TOTAL FEE 45.00  
INSPECTORS OFFICE  CLERKS OFFICE 

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

### This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



For Office Use Only Application # 0512-42 Date Received \_\_\_\_\_ By \_\_\_\_\_ Permit # 23973  
Application Approved by - Zoning Official BLK Date 19.12.05 Plans Examiner OK JTH Date 12-19-05  
Flood Zone XPR Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
Comments Swamp

Applicants Name Robert McIntosh Phone 386-754-8678  
Address 289 NW Corinth Dr Lake City FL 32055  
Owners Name Donald Cynthia Norstrand Phone \_\_\_\_\_  
911 Address 238 SE Jefferson Glen High Springs FL 32643  
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 \_\_\_\_\_  
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 11-75-17-09983-03514X Estimated Cost of Construction 9,500.00  
Subdivision Name Bicentennial Acres Lot 40 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions South on Hwy 441, Left on SE Adams St at end turn Left on Jefferson 1st Driveway on left  
Type of Construction Screened Pool Enclosure Number of Existing Dwellings on Property 1  
Total Acreage 5 Lot Size 6,504 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 300+ Side 1326' Side 150' Rear 175'  
Total Building Height 14' Number of Stories 1 Heated Floor Area \_\_\_\_\_ Roof Pitch 5' 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 DD371494  
Competency Card Number Expires November 14, 2008  
NOTARY STAMP/SEAL  
Notary Signature



Return to: (enclose self-addressed stamped envelope)

Name: Advantage Pools

Address: 757 S.W. SR. 247 Suite 101 Lake City FL 32025

This Instrument Prepared by:

Name: Advantage Pools

Address: 757 S.W. SR. 247 Suite 101 Lake City FL 32025

Property Appraiser's Parcel Identification

Inst:2005026312 Date:10/21/2005 Time:11:21

YMK DC, P. DeWitt Cason, Columbia County B:1062 P:1766

386-758-7522

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

# NOTICE OF COMMENCEMENT

Tax Folio No. \_\_\_\_\_

Permit No. \_\_\_\_\_

State of Florida \_\_\_\_\_

County of Columbia }

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with chapter 713 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

Legal description of property (include Street Address, if available) Brenteniel Acres lot 40  
11-73-17-09983-035 HX, 238 SE Jefferson Glen, High Springs  
FL 32643

General description of improvements Swimming Pools & screen.

Owner's Name Donald & Cynthia Norstrand

Address 238 SE Jefferson Glen, High Springs, FL 32643

Owner's interest in site of the improvement \_\_\_\_\_

Fee Simple Title holder (if other than owner) \_\_\_\_\_

Address \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Contractor Advantage Pools

Address 757 S.W. SR. 247 Suite 101 Lake City FL 32025 Phone: 386-758-7522 Fax: 386-758-6932

Surety \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Address \_\_\_\_\_ Amount of bond \$ \_\_\_\_\_

Lender's Name \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes.

Name \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Address \_\_\_\_\_

In addition to himself, owner designates Ray Hussier at Advantage Pools

Of \_\_\_\_\_ Phone: 758-7522 Fax: 758-6932

to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified)

Donald R. Norstrand  
Signature of Owner

Donald R. Norstrand  
Printed Name of Owner

NOTARY PUBLIC STAMP SEAL



Carman James  
MY COMMISSION # DD223375 EXPIRES  
June 16, 2007  
BONDED THRU TROY FAIR INSURANCE, INC.

I have relied upon the following identification of the Affiant Picture

Sworn to and subscribed before me this 10th day of 1 2005

Carman James

Carman James

Printed Name



# Columbia County Property Appraiser

DB Last Updated: 12/8/2005

Parcel: 11-7S-17-09983-035 HX

## 2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

### Owner & Property Info

Search Result: 1 of 1

|                        |  |
|------------------------|--|
| <b>Owner's Name</b>    | NORSTRAND DONALD & CYNTHIA   |
| <b>Site Address</b>    | JEFFERSON  |
| <b>Mailing Address</b> | 238 SE JEFFERSON GLN<br>HIGH SPRINGS, FL 32643                             |
| <b>Brief Legal</b>     | LOT 40 BICENTENNIAL ACRES UNIT 2. ORB 365-232, 635-257, 635-259, 895-1814, |

|                         |                     |
|-------------------------|---------------------|
| <b>Use Desc. (code)</b> | SFRES/MOBI (000102) |
| <b>Neighborhood</b>     | 11717.01            |
| <b>Tax District</b>     | 3                   |
| <b>UD Codes</b>         | MKTA02              |
| <b>Market Area</b>      | 02                  |
| <b>Total Land Area</b>  | 5.000 ACRES         |

### Property & Assessment Values

|                              |          |              |
|------------------------------|----------|--------------|
| <b>Mkt Land Value</b>        | cnt: (2) | \$39,500.00  |
| <b>Ag Land Value</b>         | cnt: (0) | \$0.00       |
| <b>Building Value</b>        | cnt: (2) | \$99,123.00  |
| <b>XFOB Value</b>            | cnt: (0) | \$0.00       |
| <b>Total Appraised Value</b> |          | \$138,623.00 |

|                            |                        |
|----------------------------|------------------------|
| <b>Just Value</b>          | \$138,623.00           |
| <b>Class Value</b>         | \$0.00                 |
| <b>Assessed Value</b>      | \$114,333.00           |
| <b>Exempt Value</b>        | (code: HX) \$25,000.00 |
| <b>Total Taxable Value</b> | \$89,333.00            |

### Sales History

| Sale Date  | Book/Page | Inst. Type | Sale VImp | Sale Qual | Sale RCode | Sale Price  |
|------------|-----------|------------|-----------|-----------|------------|-------------|
| 12/22/1999 | 895/1814  | WD         | V         | Q         |            | \$20,000.00 |
| 2/27/1987  | 635/257   | WD         | V         | U         |            | \$4,540.00  |

### Building Characteristics

| Bldg Item   | Bldg Desc           | Year Blt | Ext. Walls       | Heated S.F. | Actual S.F. | Bldg Value  |
|---|---------------------|----------|------------------|-------------|-------------|-------------|
| 1   | MOBILE HME (000800) | 1991     | Alum Siding (26) | 840         | 840         | \$17,592.00 |
| 2   | SINGLE FAM (000100) | 2002     | Vinyl Side (31)  | 1600        | 2276        | \$81,531.00 |
| <b>Note:</b> All S.F. calculations are based on exterior building dimensions. |                     |          |                  |             |             |             |

### Extra Features & Out Buildings

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

### Land Breakdown

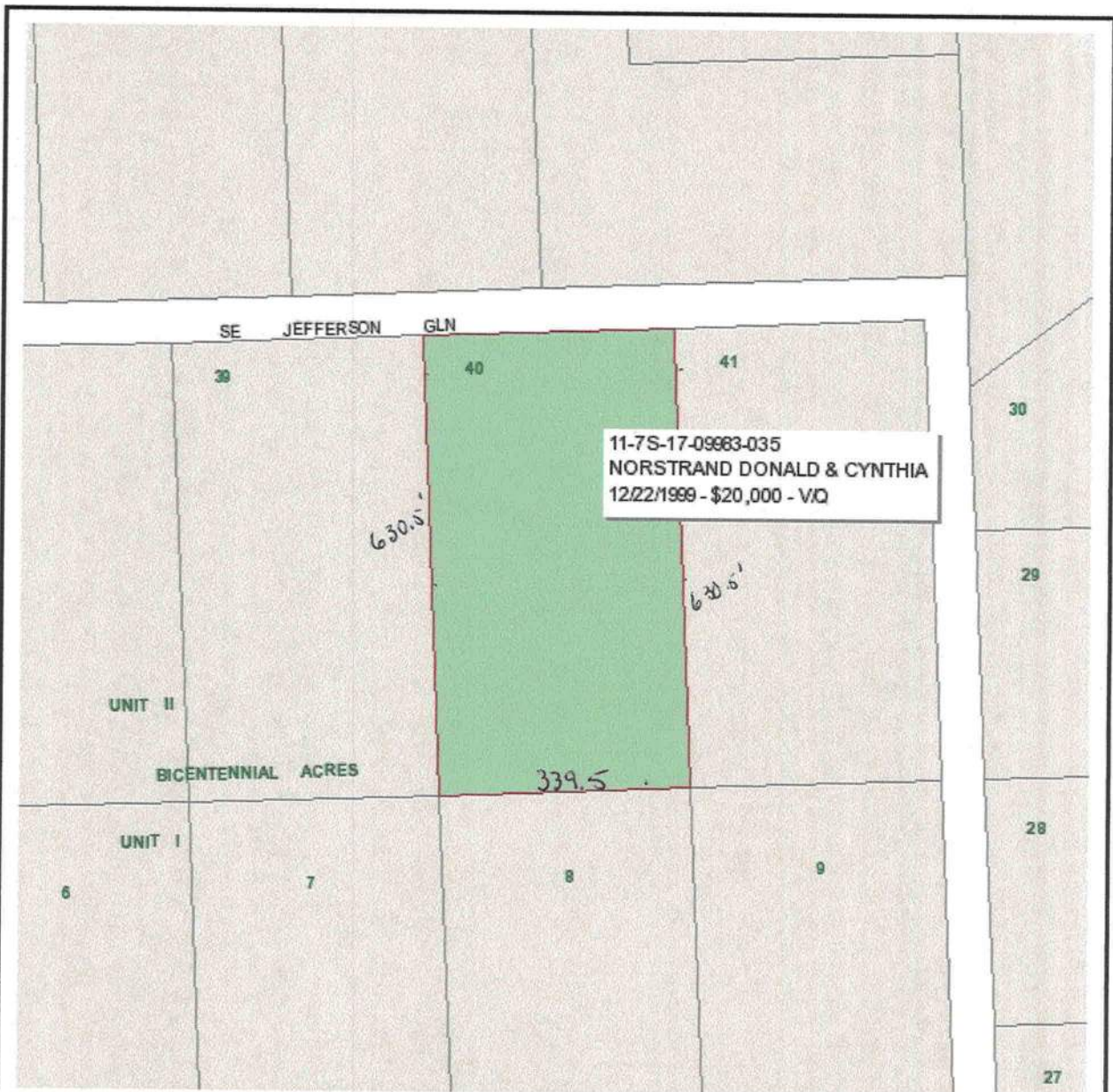
| Lnd Code | Desc            | Units               | Adjustments         | Eff Rate   | Lnd Value   |
|----------|-----------------|---------------------|---------------------|------------|-------------|
| 000200   | MBL HM (MKT)    | 5.000 AC            | 1.00/1.00/1.00/1.00 | \$7,500.00 | \$37,500.00 |
| 009945   | WELL/SEPT (MKT) | 1.000 UT - (.000AC) | 1.00/1.00/1.00/1.00 | \$2,000.00 | \$2,000.00  |

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: 11-7S-17-09983-035 HX** - SFRES/MOBI (000102)

LOT 40 BICENTENNIAL ACRES UNIT 2. ORB 365-232, 635-257, 635-259, 895-1814.

Name: NORSTRAND DONALD &amp; CYNTHIA

Site: JEFFERSON

Mail: 238 SE JEFFERSON GLN

HIGH SPRINGS, FL 32643

Sales 12/22/1999 \$20,000.00V / Q

Info 2/27/1987 \$4,540.00V / U

LandVal \$39,500.00

BldgVal \$99,123.00

ApprVal \$138,623.00

JustVal \$138,623.00

Assd \$114,333.00

Exmpt \$25,000.00

Taxable \$89,333.00

0 97 194 291 ft

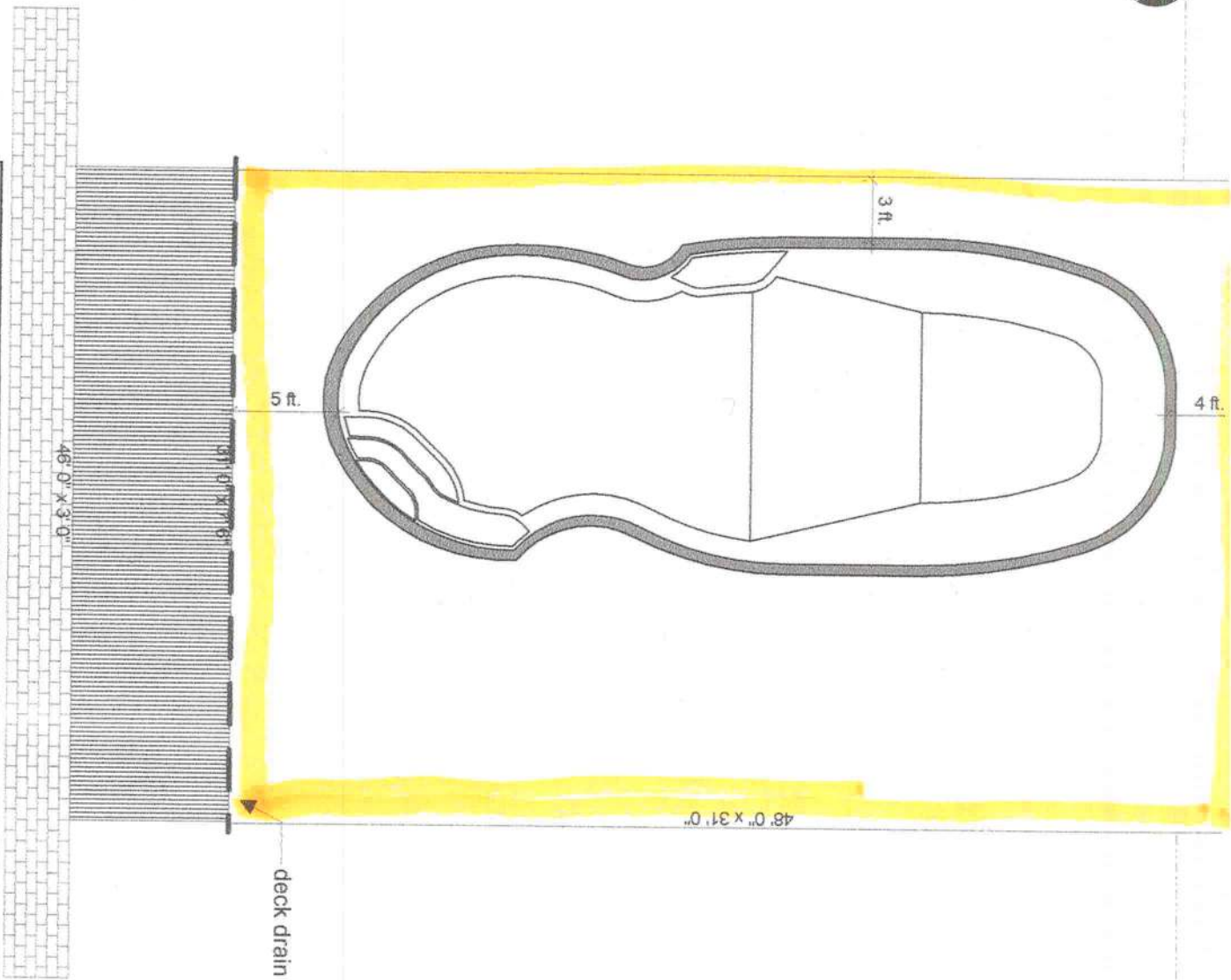
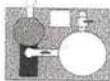


This information, GIS Map Updated: 12/8/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market 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.





Property line



Advantage Pools  
757 SW SR 247 Suite 101  
Lake City FL 32025  
Phone: 386-758-7522  
Fax: 386-758-6932

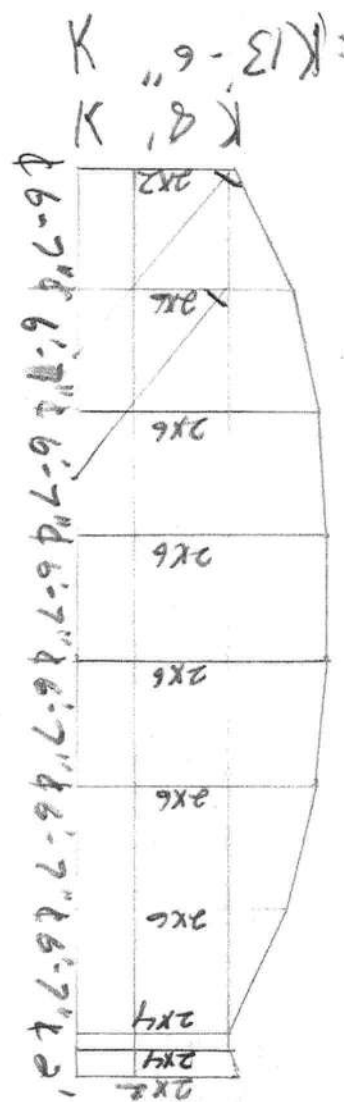
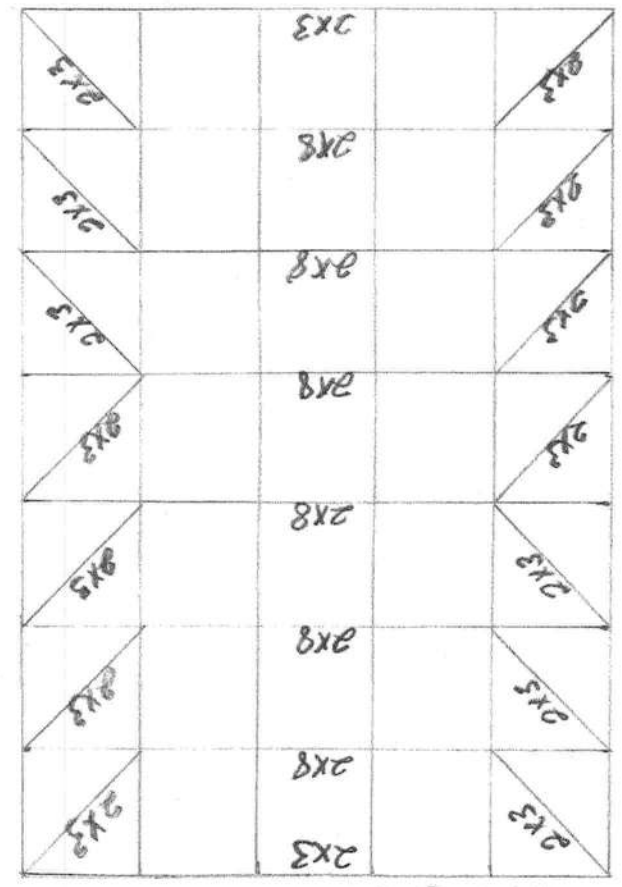
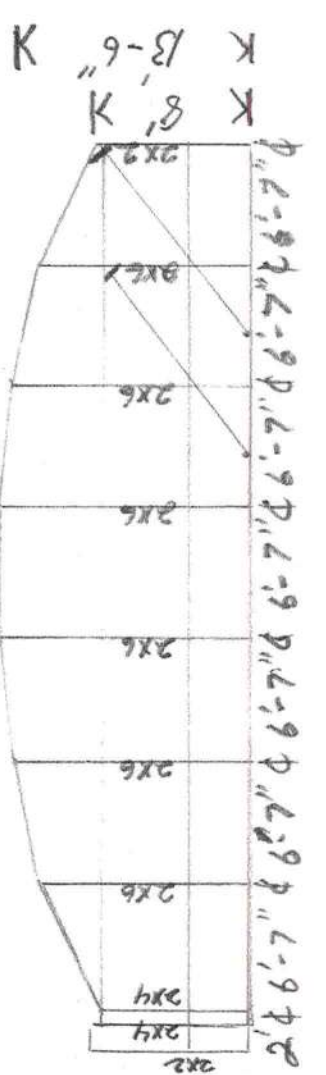
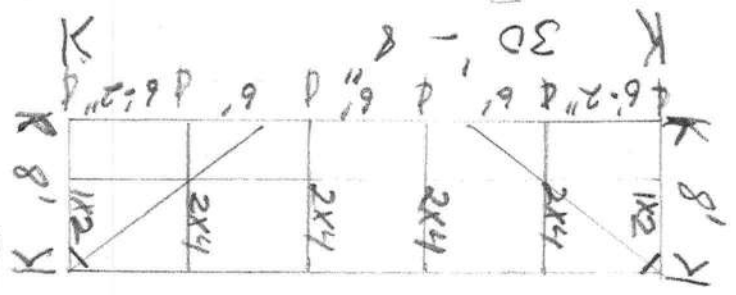
Designed by:  
Ray Lussier

Accepted  
by:

| 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 |

Marstrand

Dome



48'

Existing Floor

# 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

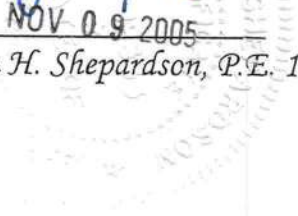
Building Official,

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 1<sup>st</sup>, 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: Donald Norstrand                            |
| Address: 289 Northwest Corinth Dr.<br>Lake City, FL 32055 | Address: 238 SE Jefferson Glen<br>High Springs FL 32643 |
| Phone number: 386-754-8675                                | Legal Description: Lot 40 Bicentennial Acres            |
| Member ID Number:   | Unit 2 11-75-17-09983-035HX                             |

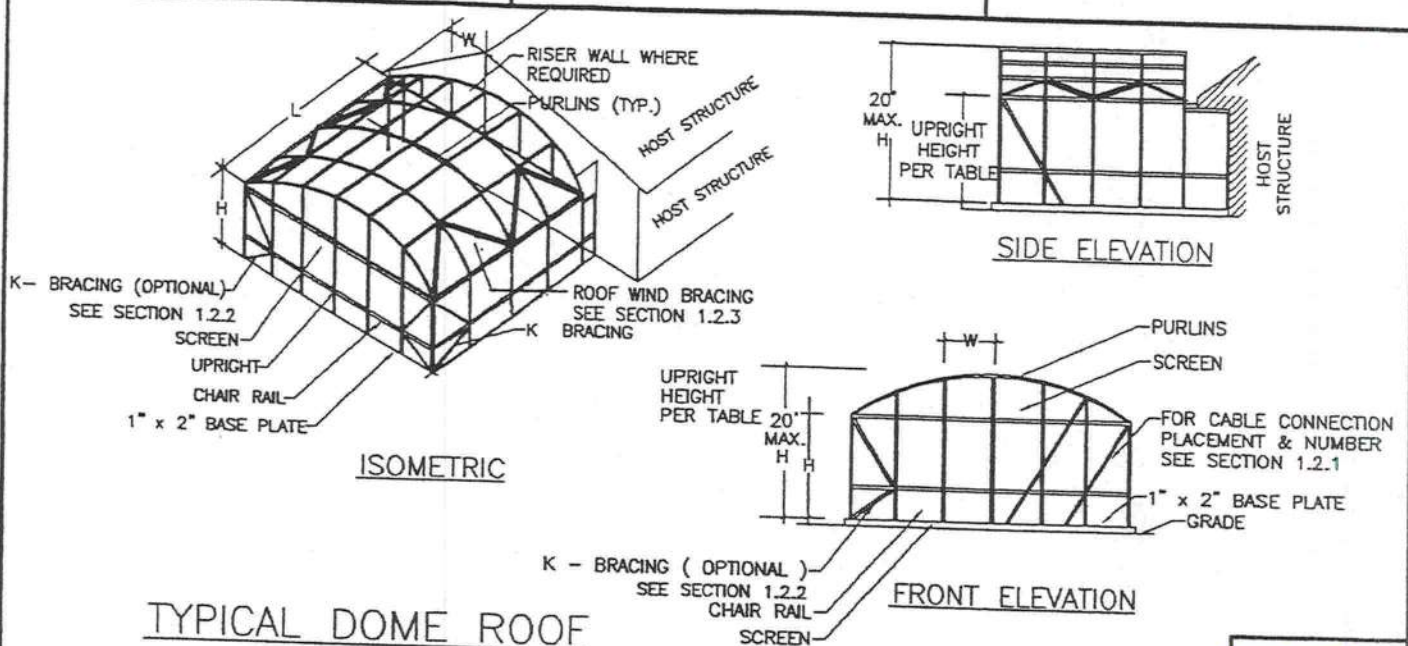
| Dome<br>Screen enclosure | Mansard<br>Screen enclosure | Splice gable &<br>No splice gable<br>Screen enclosure | Flat<br>Screen enclosure | Composite roof with<br>Screen enclosure | Pan roof with<br>Screen enclosure |
|--------------------------|-----------------------------|---|--------------------------|---|-----------------------------------|
| 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







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 (IW) 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<br>02/15/05 |
|---------------|---------|-------------------|-----------------------|

#### FRONT WALL--1/8" STAINLESS STEEL CABLE

2 CABLE FOR EVERY 200 SQ. FT.

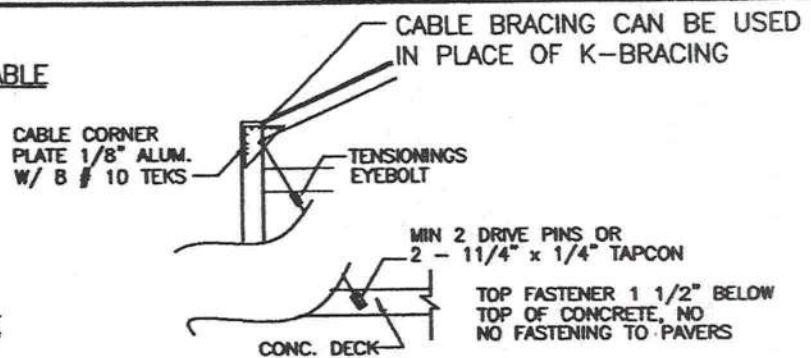
NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL, ABOVE THE TOP CHAIR RAIL.

#### 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.

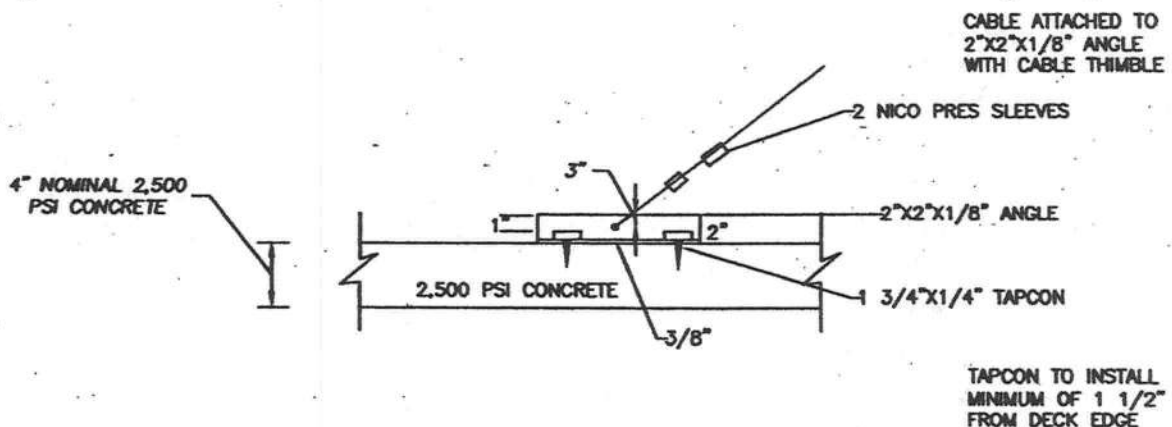
HOMEOWNER MAINTENANCE RESPONSIBILITY:  
CABLE MUST REMAIN TIGHT AT ALL TIMES. CABLE SHOULD BE TIGHTENED PERIODICALLY TO REMOVE SLACK. TO AVOID DAMAGE CONTACT A QUALIFIED SERVICE COMPANY.



SCREEN CABLE BRACING DIAGRAM

### CABLE SCHEDULE FOR SCREEN ENCLOSURE

APPLIES



### CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK

APPLIES

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

FEB 15 2005

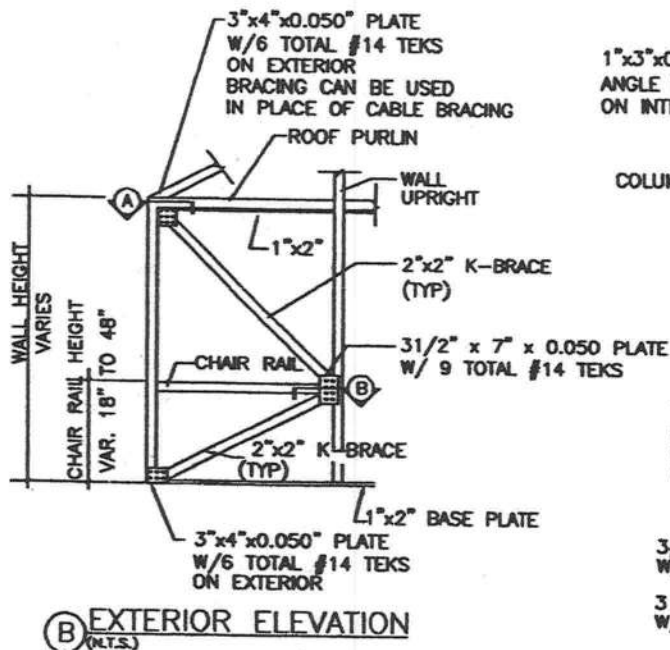
GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 19333



## SECTION 1.2.2

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/051" x 3" x 0.125" x 3" LG.  
ANGLE W/3 #14 TEKS  
ON INTERIORK-BRACING CAN BE USED  
IN PLACE OF CABLE BRACING

COLUMN / POST

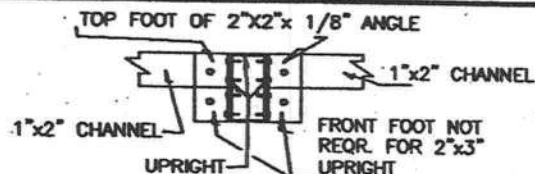
3" x 4" x 0.050" PLATE  
W/5 TOTAL #14 TEKS**(A) PLAN VIEW (N.T.S.)**1" x 2" x 0.125" x 7" LG.  
ANGLE W/ A TOTAL  
#14 TEKS INTO  
BRACE & POST

COLUMN / POST

3 # 1/2" x 7" x 0.050" PLATE  
W/9 TOTAL #14 TEKS3 # 1/2" x 7" x 0.050" PLATE  
W/9 TOTAL #14 TEKS**(B) PLAN VIEW (N.T.S.)**

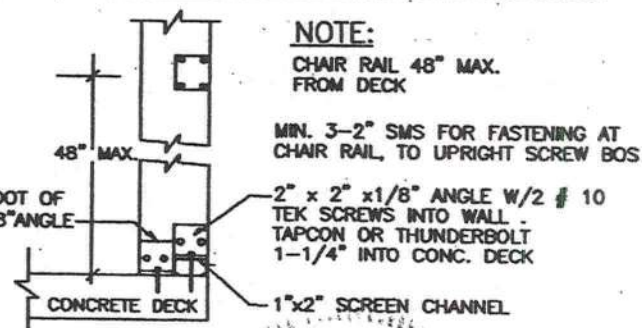
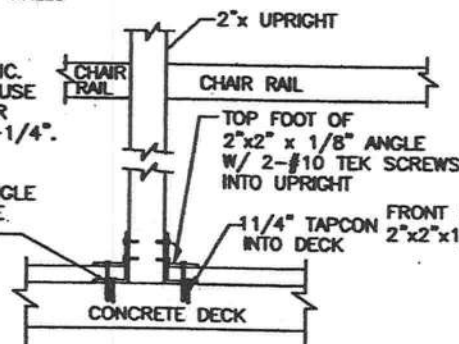
## K-BRACING DETAIL

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<br>SIZES            | x4 | x5 | x6 | x7 | x8 | x9 | x10 |
| 1/4" TAPCON<br>EACH SIDE    | 1  | 2  | 2  | 3  | 3  | 4  | 4   |
| #10 TEK SCREWS<br>EACH SIDE | 2  | 4  | 4  | 6  | 6  | 8  | 8   |
| HIGHLIGHT<br>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 DECKMIN. 3-2" SMS FOR FASTENING AT  
CHAIR RAIL, TO UPRIGHT SCREW BOS2" x 2" x 1/8" ANGLE W/2 # 10  
TEK SCREWS INTO WALL.  
TAPCON OR THUNDERBOLT  
1-1/4" INTO CONC. DECK

## TYPICAL DECK PLATE &amp; POST CONNECTION

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

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 10333



SECTION 1.2.3

DETAILS

SCREEN ENCLOSURES

REVISIONS  
02/15/05

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 TEKS  
EACH SIDE  
5" OR 7" SUPER  
GUTTER

2x2 HOLLOW

4' MAX.

4' MAX.

4' MAX.

2" H CHANNEL  
W/ 6 # 10 TEKS

CENTER  
SCREWS

ROOF BEAM 2x4 5,6,7,8,9,10.

3-#10 TEK

2x2  
KNEE  
BRACE

2" - H CHANNEL  
W/ 6 # 10 TEKS

4' MAX.

WALL  
UPRIGHT

KNEE BRACE DETAIL

STRUCTURAL GUTTER & KNEE BRACE DETAIL

APPLIES

HOUSE

TYP. DIAGONAL  
BRACE

TYP. CORNER  
BRACE

| ROOF WIND BRACE, PURLIN & CHAIR RAIL SIZING |        |               |  |                 |               |
|---|--------|---------------|--|-----------------|---------------|
| ROOF<br>BEAM                                | PURLIN | WIND<br>BRACE |  | WALL<br>UPRIGHT | CHAIR<br>RAIL |
| 2x7<br>OR LESS                              | 2x2    | 2x2           |  | 2x7<br>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

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

FEB 15 2005

GORDON H SHEPARDSON P.E.  
FLORIDA P.E. 10836



## SECTION 1.2.4

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

| 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 |

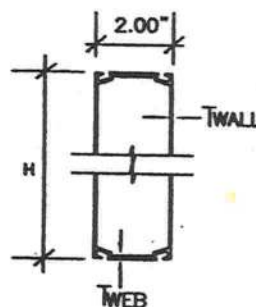
#14 TEK SCREWS EACH SIDE OF BEAM  
X- NO CONNECTION ALLOWEDHOMEOWNER MAINTENANCE RESPONSIBILITY:  
FASTENERS SHOULD BE CHECKED PERIODICALLY FOR DETERIORATION.  
IF DETERIORATION IS DETECTED CONTACT A QUALIFIED SERVICE COMPANY.

## BEAM OVERLAP OR GUSSET PLATE CONNECTION

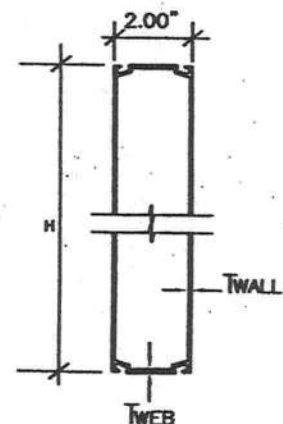
APPLIES

| ALUMINUM            |       |       |                                    |
|---------------------|-------|-------|------------------------------------|
| PHYSICAL PROPERTIES |       |       |                                    |
| 2xH                 | TWALL | TWEB  | SECTION MODULUS (IN <sup>3</sup> ) |
| 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

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

FEB 15 2005

GORDON H SHEPARDSON P.E.  
FLORIDA P.E. 19333



|  |  |  |   |
|--|--|--|---|
| SECTION 1.2.10   | DETAILS  | SCREEN ENCLOSURES  | REVISIONS<br>02/15/05   |
| <div data-bbox="191 317 1594 604"> </div> <div data-bbox="212 620 876 650"> <p>RIBBON FOOTER—WHERE FOOTER IS NOT CONNECTED TO DECK:</p> </div> <div data-bbox="212 658 1008 806"> <p><input type="checkbox"/> USE 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR CONTINUOUS TO SUPPORT UP TO 2" X 6" UPRIGHT</p> <p><input type="checkbox"/> USE 8"x 12" CONCRETE RIBBON FOOTER W/ 2 # 5 REBARS CONTINUOUS TO SUPPORT UPRIGHTS LARGER THAN 2" x 6"</p> </div> <div data-bbox="789 798 1602 991"> <ol style="list-style-type: none"> <li>1) FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (&gt;1500 PSI) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.</li> <li>2) CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.</li> <li>3) 3 - #3 BARS IS EQUIVALENT TO 1 #5 BARS.</li> </ol> </div> <div data-bbox="440 991 1180 1037"> <p><u>TYPICAL SCREEN DECK FOOTER DETAIL</u></p> </div> <div data-bbox="1443 1013 1594 1051"> <p>APPLIES</p> </div> |  |  |   |
| <div data-bbox="282 1083 662 1325"> </div> <p data-bbox="282 1346 480 1378">ALTERNATE 1</p> <div data-bbox="548 1352 873 1593"> </div> <p data-bbox="548 1615 753 1647">ALTERNATE 2</p> <div data-bbox="995 1282 1370 1325"> <p>PAVERS SHOULD BE INSTALLED AFTER COMPLETION OF SCREEN ENCLOSURES</p> </div> <div data-bbox="995 1446 1516 1542"> <p><u>NOTE:</u><br/>SEE TYPICAL SCREEN DECK FOOTER DETAIL FOR FOOTER DETAILS AND SIZING.</p> </div> <div data-bbox="404 1674 1122 1720"> <p><u>RIBBON FOOTERS FOR BRICK PAVERS</u></p> </div> <div data-bbox="1443 1766 1594 1803"> <p>APPLIES</p> </div>   |  |  |   |
|  | <p>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.</p> | <p>FLILINE INC.<br/>1025 S. SEMORAN BLVD.<br/>SUITE 1093<br/>WINTER PARK FL 32792<br/>TEL (407) 679-7500<br/>FAX (407) 679-9188<br/>E-MAIL</p> | <p>FEB 15 2005</p> <p>GORDON H. SHEPHARDSON P.E.<br/>FLORIDA P.E. 19333</p> |



## 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  | 15'0 |
| 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  | 19'0 |
| 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.

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 the upright height is 20ft or greater.

FEB 15 2005

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

REVISED 02/15/05

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

THIS PAGE CAN ONLY BE USED BY A CONTRACTOR THAT IS APPROVED TO USE THE MASTERFILE MANUAL OR THE PAGE HAS AN ORIGINAL SIGNATURE AND SEAL.



DATE 10/25/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023768

APPLICANT RAY LUSSIER PHONE 758-7522  
ADDRESS 757 SE SR 247, SUITE 101 LAKE CITY FL 32055  
OWNER DONALD & CYNTHIA NORSTRAND PHONE 454-8054  
ADDRESS 238 SE JEFFERSON GLEN HIGH SPRINGS FL 32643  
CONTRACTOR ADVANTAGE POOLS PHONE 758-7522  
LOCATION OF PROPERTY 441 S, L ADAMS RD, L BRAWLEY, SEE SHARP CURVE LOOK LEFT  
1ST HOUSE BEHIND M/H

TYPE DEVELOPMENT SWIMMING POOL ESTIMATED COST OF CONSTRUCTION 34518.00  
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES  
FOUNDATION WALLS ROOF PITCH FLOOR  
LAND USE & ZONING AG-3 MAX. HEIGHT 35  
Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 11-7S-17-09983-035 SUBDIVISION BICENTENNIAL ACRES  
LOT 40 BLOCK PHASE UNIT TOTAL ACRES

CPC1256754  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING X05-0292 BK JH N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

Check # or Cash 174

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by  
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by  
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by  
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by  
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by  
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by  
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by  
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 175.00 CERTIFICATION FEE \$ .00 SURCHARGE FEE \$ .00  
MISC. FEES \$ .00 ZONING CERT. FEE \$ FIRE FEE \$ .00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 175.00  
INSPECTORS OFFICE L. N. CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



