

This Permit Expires One Year From the Date of Issue

APPLICANTKATHLEEN MASSIMO

PHONE758-6718

ADDRESS4845W US HIGHWAY 90

LAKE CITYFL32055

OWNERKEVIN PARKS

PHONE397-2158

ADDRESS154NW BLUE DRIVE

WHITE SPRINGSFL32096

CONTRACTORFRANCIS ROBSON

PHONE758-6718

LOCATION OF PROPERTY41N, TL ON SUWANNEE VALLEY RD, TL ON BLUE DRIVE,  
2ND LOT ON LEFT

TYPE DEVELOPMENTSWIMMING POOL

ESTIMATED COST OF CONSTRUCTION28095.00

HEATED FLOOR AREATOTAL AREAHEIGHTSTORIES

FOUNDATIONWALLSROOF PITCHFLOOR

LAND USE & ZONINGA-3

MAX. HEIGHT

Minimum Set Back Requirments:STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.1

FLOOD ZONENA

DEVELOPMENT PERMIT NO.

PARCEL ID19-2S-16-01655-207

SUBDIVISIONJOY EST

LOT7

BLOCK

PHASE

UNIT

TOTAL ACRES

CPC1457492

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTINGX07-0349

BK

JH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE

Check # or Cash1575

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Powerdate/app. by

Foundationdate/app. by

Monolithicdate/app. by

Under slab rough-in plumbingdate/app. by

Slabdate/app. by

Sheathing/Nailingdate/app. by

Framingdate/app. by

Rough-in plumbing above slab and below wood floordate/app. by

Electrical rough-indate/app. by

Heat & Air Ductdate/app. by

Peri. beam (Lintel)date/app. by

Permanent powerdate/app. by

C.O. Finaldate/app. by

Culvertdate/app. by

M/H tie downs, blocking, electricity and plumbingdate/app. by

Pooldate/app. by

Reconnectiondate/app. by

Pump poledate/app. by

Utility Poledate/app. by

M/H Poledate/app. by

Travel Trailerddate/app. by

Re-roofdate/app. by

BUILDING PERMIT FEE \$145.00

CERTIFICATION FEE \$0.00

SURCHARGE FEE \$0.00

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$

CULVERT FEE \$

TOTAL FEE195.00

INSPECTORS OFFICE

CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

# Columbia County Building Permit Application

For Office Use Only Application # 0709-06 Date Received 9/4/07 By LH Permit # 26220  
 Application Approved by - Zoning Official Jds Date 9/5/07 Plans Examiner OK JTH Date 9-5-07  
 Flood Zone N/A Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments \_\_\_\_\_

☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Francis P. Robson Phone 386-758-6718  
 Address 4845 W US Hwy 90 Lake City FL 32055

Owners Name Parks Kevin L. + Cathleen M Phone 386 397 2158  
 911 Address 154 NW Blue Dr. White Springs FL 32096

Contractors Name Pools Plus North Central Inc. Phone 386 758 6718  
 Address 4845 W US Hwy 90 Lake City FL 32055

Fee Simple Owner Name & Address N/A  
 Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A  
 Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 19-25-16-01655-207 HX Estimated Cost of Construction 28,095.00  
 Subdivision Name Joy Estates Lot 7 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions 41 North (D) Suwannee Valley Rd, (D) NW Blue Dr  
2nd on the left

Type of Construction Fiber glass pool Lumber of Existing Dwellings on Property \_\_\_\_\_

Total Acreage 2.55 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 80' Side 158' Side 86' Rear 233'

Total Building Height \_\_\_\_\_ Number of Stories \_\_\_\_\_ 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.

Cathleen D Parks  
 Owner Builder or Authorized Person by Notarized Letter  
 Francis P. Robson

STATE OF FLORIDA  
 COUNTY OF COLUMBIA  
 Commission # DD506674  
 Expires: JAN. 12, 2010  
 Notary Public, State of Florida

Sworn to (or affirmed) and subscribed before me  
 this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

[Signature]  
 Contractor Signature  
 Contractors License Number SCC1305672  
 Competency Card Number CPC1457492  
 NOTARY STAMP/SEAL

[Signature]  
 Notary Public, State of Florida  
 My comm. expires Feb. 14, 2010  
 No. DD 493925  
 (Revised Sept. 2006)

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY  
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

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.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 19-23-16-01655-207 Hx

Permit Number \_\_\_\_\_

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

COMM SW COR OF SW1/4 OF SE1/4, RUN N 333.51 FT, E 332.47 FT FOR POB, CONT E 332.60 FT, N 333.61 FT, W 332.70 FT, S 333.59 FT TO POB. (AKA LOT 7 JOY ESTATES S/D UNREC) ORB 343-525, 970-2619, WD 996-912, CT 1063-914. SWD 1076-1609.

2. General description of improvement:

Fiberglass Swimming Pool

JAG Screen room

3. Owner Name & Address

Kevin L. + Cathleen N Parks

154 NW Blue Dr. White Spring FL 32096 Interest in Property Owner

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

5. Contractor Name

Pools Plus North Central Inc

Phone Number 386 758 6718

Address 4845 W US Hwy 90 Lake City FL 32055

6. Surety Holders Name

Phone Number \_\_\_\_\_

Address \_\_\_\_\_

Amount of Bond \_\_\_\_\_

Inst: 200712020024 Date: 9/4/2007 Time: 3:04 PM  
DC P DeWitt Cason Columbia County Page 1 of 1

7. Lender Name

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 \_\_\_\_\_

Phone Number \_\_\_\_\_

Address \_\_\_\_\_

9. In addition to himself/herself the owner designates \_\_\_\_\_ of

\_\_\_\_\_ to receive a copy of the Lien Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee \_\_\_\_\_

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) \_\_\_\_\_

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Cathleen N. Parks  
Signature of Owner

Sworn to (or affirmed) and subscribed before day of September 4th, 2007.

Signature of Notary

NOTARY STAMP/SEAL

NOTARY PUBLIC-STATE OF FLORIDA  
Francis Robson  
Commission # DD506674  
Expires: JAN. 12, 2010  
Bonded Thru Atlantic Bonding Co., Inc.



AC# 3241562

## STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L07053100092

DATE	BATCH NUMBER	LICENSE NBR
05/31/2007	060690893	CPC1457492

The RESIDENTIAL POOL/SPA CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2008

ROBSON, FRANCIS PATRICK  
POOLS PLUS NORTH CENTRAL INC  
891 PARSONS CIRCLE SE  
PALM BAY FL 32909

CHARLIE CRIST  
GOVERNOR

HOLLY BENSON  
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 3243650

## STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L07053102171

DATE	BATCH NUMBER	LICENSE NBR
05/31/2007	060724539	SCC13056762

The SPECIALTY STRUCTURE CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2008

ROBSON, FRANCIS PATRICK  
POOLS PLUS NORTH CENTRAL INC  
891 PARSONS CIRCLE SE  
PALM BAY FL 32909

CHARLIE CRIST  
GOVERNOR

HOLLY BENSON  
SECRETARY

DISPLAY AS REQUIRED BY LAW

2006-07

COLUMBIA COUNTY BUSINESS TAX RECEIPT  
RONNIE BRANNON, TAX COLLECTOR

RECEIPT EXPIRES 09/30/2007

RECEIPT NUMBER:

7002011

MACHINES

ROOMS

SEATS

EMPLOYEES

1

BUSINESS TYPE: 000113

SWIMMING POOL CONTRACT/CLASS A  
POOL CONSTRUCTION

SUPPLEMENTAL

RENEWAL

X NEW RECEIPT

9.00

TRANSFER

POOLS PLUS NORTH CENTRAL INC  
FRANK ROBSON  
4845 US HWY 90 W  
LAKE CITY, FL 32055-0000

RONNIE BRANNON TAX C  
2304966.0001 of 0001  
DATE 06/11/2007  
OPER JTM  
T111 023  
Paid 9.00

PENALTY

0.00

TOTAL

9.00

LOCATION 4845 US HWY 90 W  
ADDRESS LAKE CITY FL 32055-0000

X



SIGN AND RETURN WITH PAYMENT

I SWEAR THAT THIS APPLICATION FOR RECEIPT IS MADE FOR THE BUSINESS OR  
PROFESSION INDICATED HEREON AND IS TRUE AND CORRECT.

THE APPLICATION MUST COMPLY WITH STATE AND LOCAL ORDINANCE INCLUDING ZONING.

0000000900 0000000900 0000000000003811 1001 5

# Columbia County Property Appraiser

DB Last Updated: 8/2/2007

## 2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

New Super Homestead Taxable Value Calculator

Print

Parcel: 19-2S-16-01655-207 HX

&lt;&lt; Prev

Search Result: 6 of 11

Next &gt;&gt;

### Owner & Property Info

Owner's Name	PARKS KEVIN L & CATHLEEN N		
Site Address	BLUE		
Mailing Address	154 NW BLUE DR WHITE SPRINGS, FL 32096		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	19216.04	Tax District	3
UD Codes	MKTA03	Market Area	03
Total Land Area	2.550 ACRES		
Description	COMM SW COR OF SW1/4 OF SE1/4, RUN N 333.51 FT, E 332.47 FT FOR POB, CONT E 332.60 FT, N 333.61 FT, W 332.70 FT, S 333.59 FT TO POB. (AKA LOT 7 JOY ESTATES S/D UNREC) ORB 343-525, 970-2619, WD 996-912, CT 1063-914. SWD 1076-1609.		

### GIS Aerial



### Property & Assessment Values

Mkt Land Value	cnt: (2)	\$15,800.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$75,085.00
XFOB Value	cnt: (1)	\$1,600.00
Total Appraised Value		\$92,485.00

Just Value	\$92,485.00
Class Value	\$0.00
Assessed Value	\$92,485.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$67,485.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
2/24/2006	1076/1609	WD	I	Q		\$107,000.00
10/12/2005	1063/914	CT	I	U	01	\$100.00
9/29/2003	996/912	WD	V	U	04	\$100.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SFR MANUF (000200)	2002	Vinyl Side (31)	2108	2268	\$75,085.00
Note: All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	2003	\$1,600.00	1.000	0 x 0 x 0	(.00)

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
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Child Safety Act

Permit#

# Residential Swimming Pool, Spa and Hot Tub Safety Act

## Notice of Requirements

I (We) acknowledge that a new swimming pool, spa or hot tub will be constructed or installed at 154 NW Blue Dr. White Springs FL 32096 and hereby affirm that one of the following  
(Please Print Street Address)

methods will be used to meet the requirements of Chapter 515, Florida Statutes.

- ☒ The pool will be isolated from access to the home by an enclosure that meets the pool barrier requirements of Florida Statute 515.29;
- ☐ The pool will be equipped with an approved safety pool cover that complies with ASTM F1346-91 (Standard Performance Specifications for Safety Covers for Swimming Pools, Spas and Hot Tubs);
- ☐ All doors and windows providing direct access from the home to the pool will be equipped with an exit alarm that has a minimum sound pressure rating of 85 decibels at 10 feet;
- ☐ All doors providing direct access from the home to the pool will be equipped with self-closing, self-latching devices with release mechanisms placed no lower than 54" above the floor or deck:

I understand that not having one of the above installed at the time of final inspection, or when the pool is completed for contract purposes, will constitute a violation of Chapter 515, F.S. and will be considered as committing a misdemeanor of the second degree, punishable by fines up to \$500 and/or up to 60 days in jail established in Chapter 775, F.S.

  
CONTRACTOR'S SIGNATURE & DATE

  
OWNER'S SIGNATURE & DATE

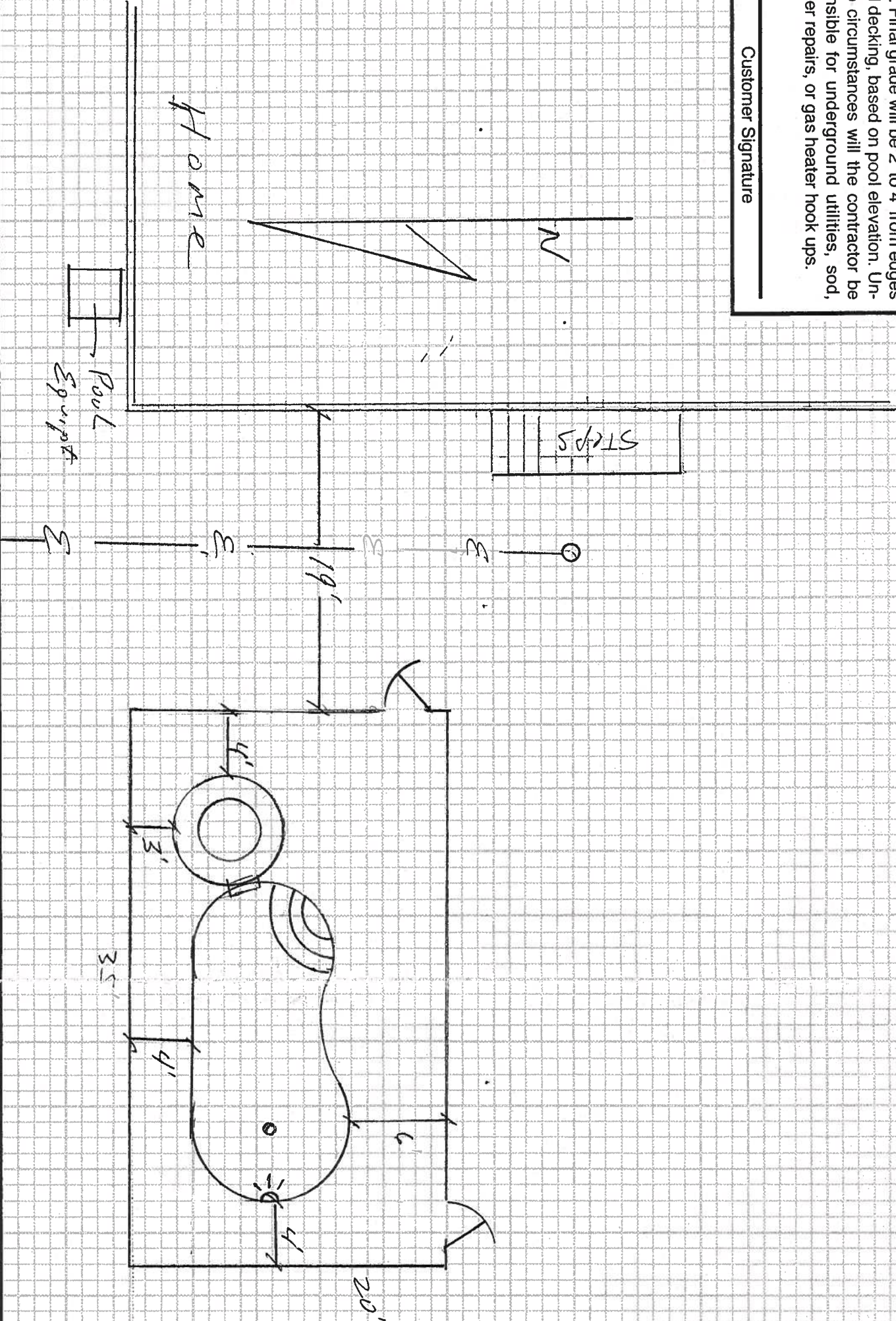
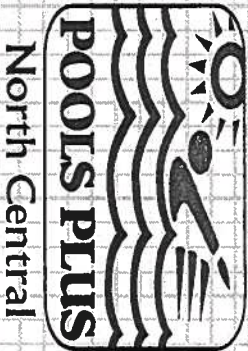
Francis Robson  
Pools Plus North Central Inc.  
CONTRACTOR'S NAME (PLEASE PRINT)

Cathleen Parks  
OWNER'S NAME (PLEASE PRINT)



NOTE: Final grade will be 2' to 4' from edges of pool decking, based on pool elevation. Under no circumstances will the contractor be responsible for underground utilities, sod, sprinkler repairs, or gas heater hook ups.

Customer Signature



SPECIAL NOTES

JOB SITE DIRECTIONS

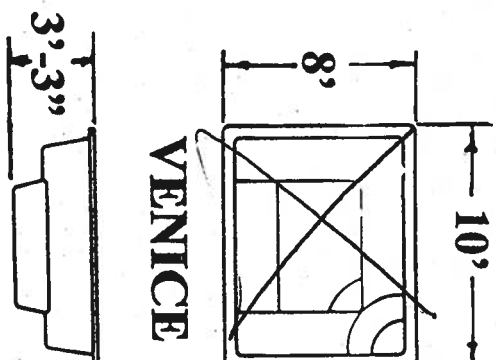
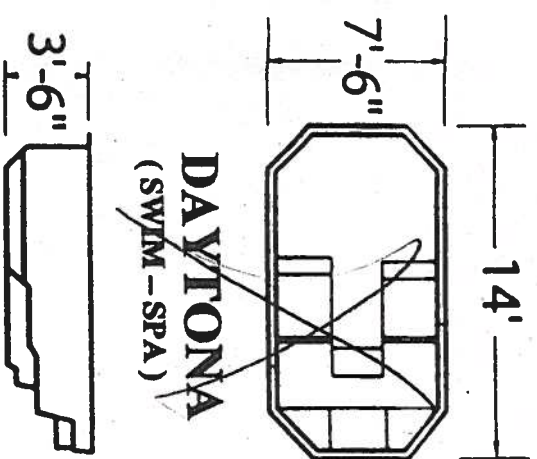
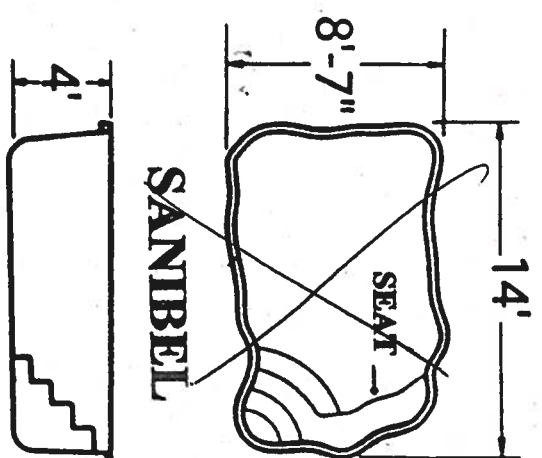
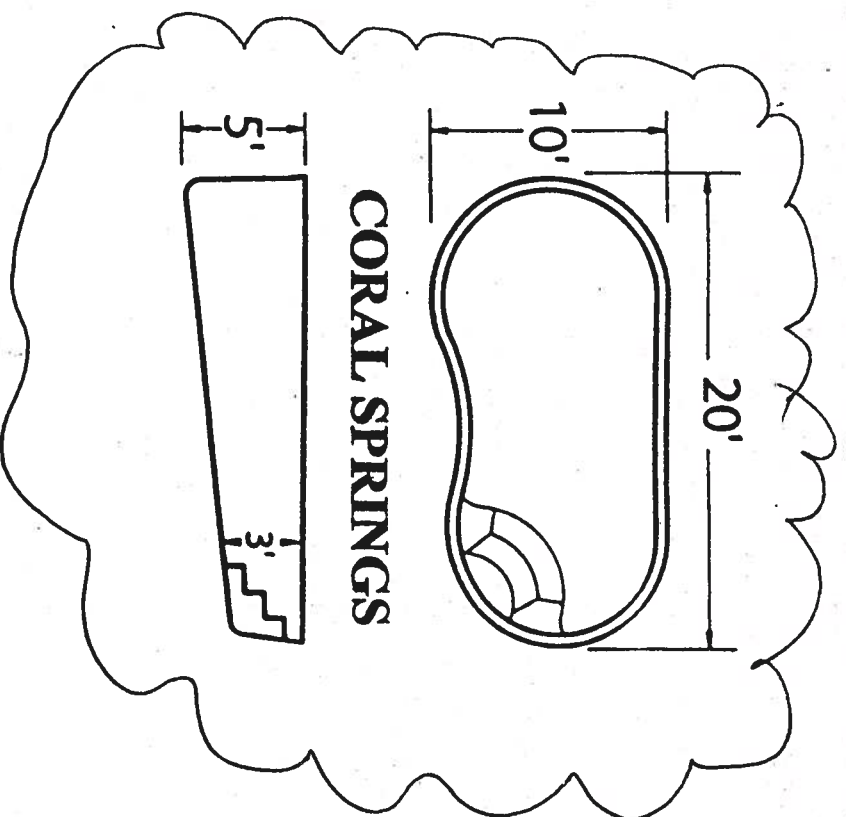
FILE COPY

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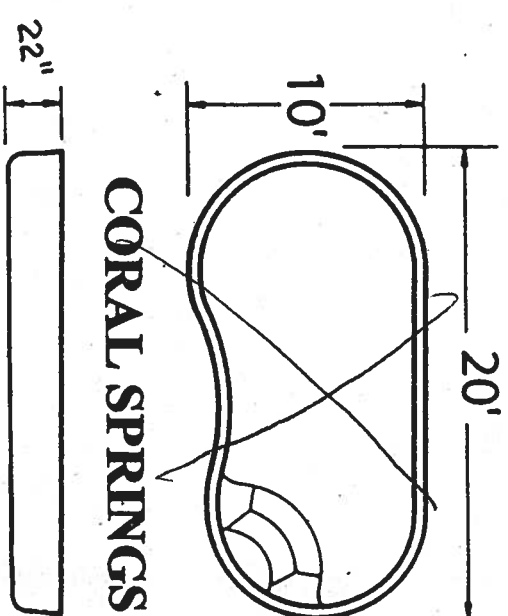
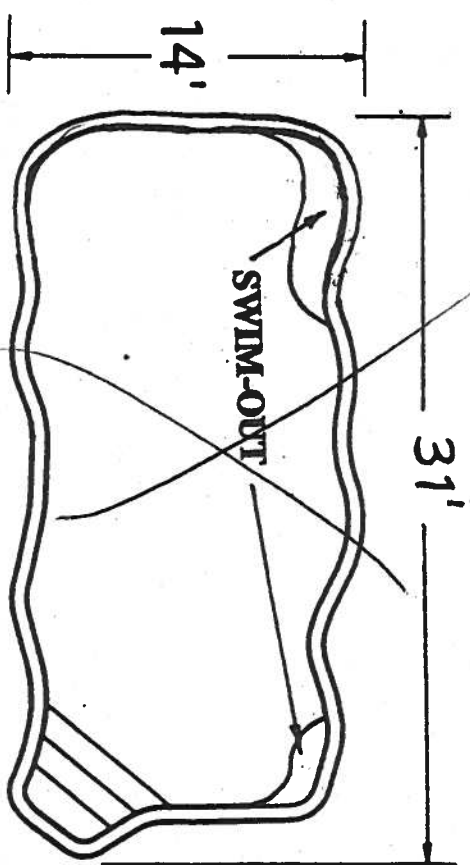
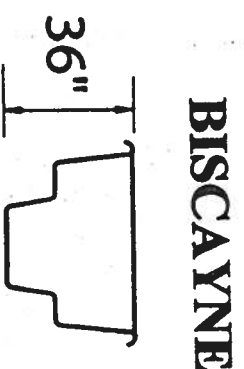
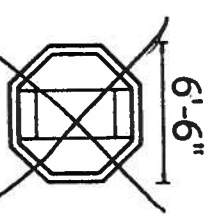
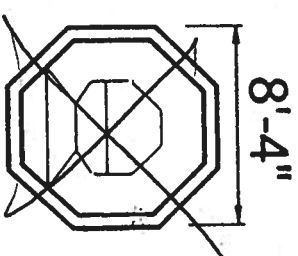
Take Rt 41 North  
in Lake City - pass  
2-10 4 miles, turn  
left on Swannee  
valley - Follow 2.8 mi  
to right on Blue Dr  
to # 154 on left.  
Access on North  
side of property.

GENERAL SPECIFICATIONS	
JOB NO.	SHAPE <u>IDEAL SHAPINGS</u>
SIZE <u>10 X 20</u>	DEPTH <u>3'2"</u> TO <u>5'</u>
SF <u>151</u> PER <u>48</u>	GALS. TO RATE
HTR. <u>1</u>	ELEC. <u>11 KW</u> GAS
FILTER <u>C1147</u>	SQ. FT. <u>50</u> PUMP <u>1 1/2</u> HP.
TILE: <u>6"</u>	<u>YES</u> <u>BRONZ BUREP</u>
DECKING: <u>544</u>	SQ. FT. TOPPING: <u>111</u>
R.B.M: <u>NO</u>	LF <u>N/A.</u>
RISERS: <u>—</u>	LF @ <u>6"</u>
FOOTERS: <u>110</u>	D.O.D. <u>NO</u>
LIGHT/POOL: <u>LED</u>	SPA: <u>NO</u> HALOGEN <input type="checkbox"/>
SWIMOUT: <u>—</u>	BENCH: <u>—</u>
LADDER: <u>NO</u>	HANDRAIL: <u>NO</u>
SKIMMER: <u>INC.</u>	MAIN DRAIN <u>INC.</u>
RETURN LINES/WALL QTY: <u>3</u>	
ELECTRICAL HOOKUP: <u>YES</u>	
POOL CLEANER: <u>P.P.W.C</u>	SUCT LIKE: <u>✓</u>
CHLORINATOR: <u>NOVAIR 4</u>	<u>-SALT</u>
SPA SIZE: <u>7'10"</u>	SQ. FT.: <u>38</u> RAISED: <u>12"</u> JETSL
STEPS: <u>—</u>	GLASS BLK: <u>NO</u>
FENCE: <u>NO</u>	STUMPS: <u>ON SITE</u>
SCREEN: <u>20 X 35</u>	DRS: <u>2</u>
GUTTERS: <u>NO</u>	CHILD BARR: <u>NO</u>
SHORING & OR COMPACTION <u>NO</u>	
MUNICIPALITY: <u>COLUMBIA COUNTY.</u>	
SWIMMING POOL	
DESIGNER <u>WY</u>	DATE <u>8-13-07</u>
Name <u>CATHLEEN PARKES</u>	
Address <u>154 N.W. BLUE DR</u>	
City <u>White</u> Home: <u>397-2158</u>	
SPRINKS <u>ALC 965 9185</u>	
LEGAL DESCRIPTION	
LOT <u>2</u> BLK <u>—</u> SUB. <u>—</u>	
BOOK <u>—</u> PAGE <u>—</u> CO. LOCATION <u>—</u>	

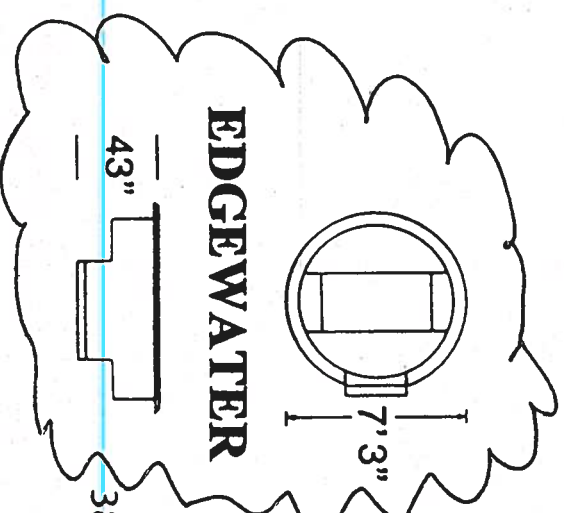
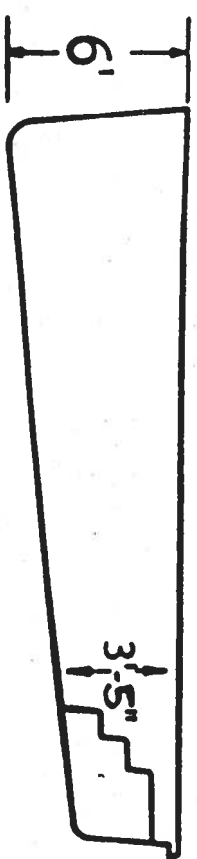




# SPAS



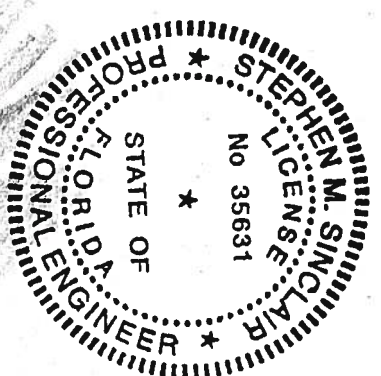
## DISPLAY POOL



**Ocean Reef Pools, Inc.**  
 155 Valencia Drive, Box 510  
 Oak Hill, FL 32759  
 386.345.0267  
 1.888.345.0267  
[www.oceanreefpools.com](http://www.oceanreefpools.com)



**CURTIS - SINCLAIR, INC.**  
 8259 N. MILITARY TRAIL, SUITE 3  
 PALM BEACH GARDENS, FL 33418  
 C.O.A. - 5725

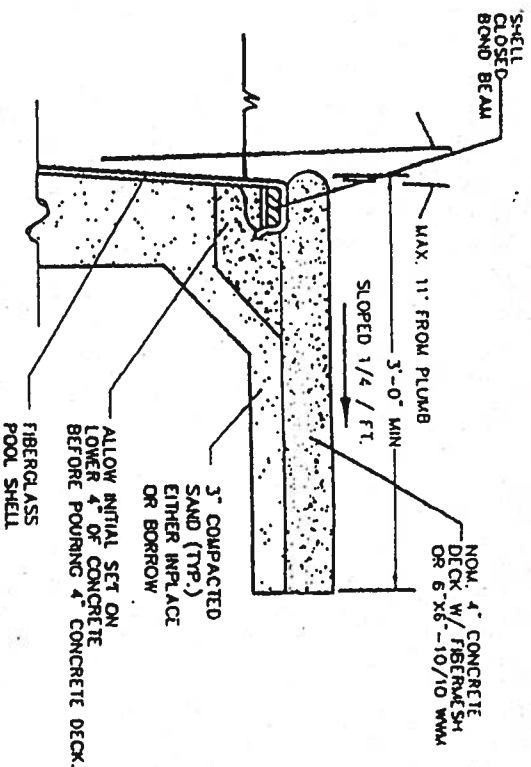


**STEPHEN M. SINCLAIR, P.E.**  
 PROFESSIONAL ENGINEER  
 FLORIDA LICENSE NO. 35631

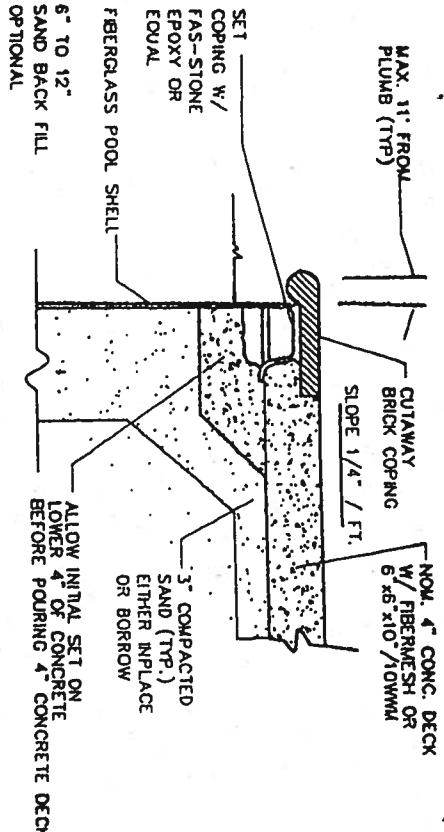
**AUG 17 2007**

SCALE : 1/8" = 1'-0"

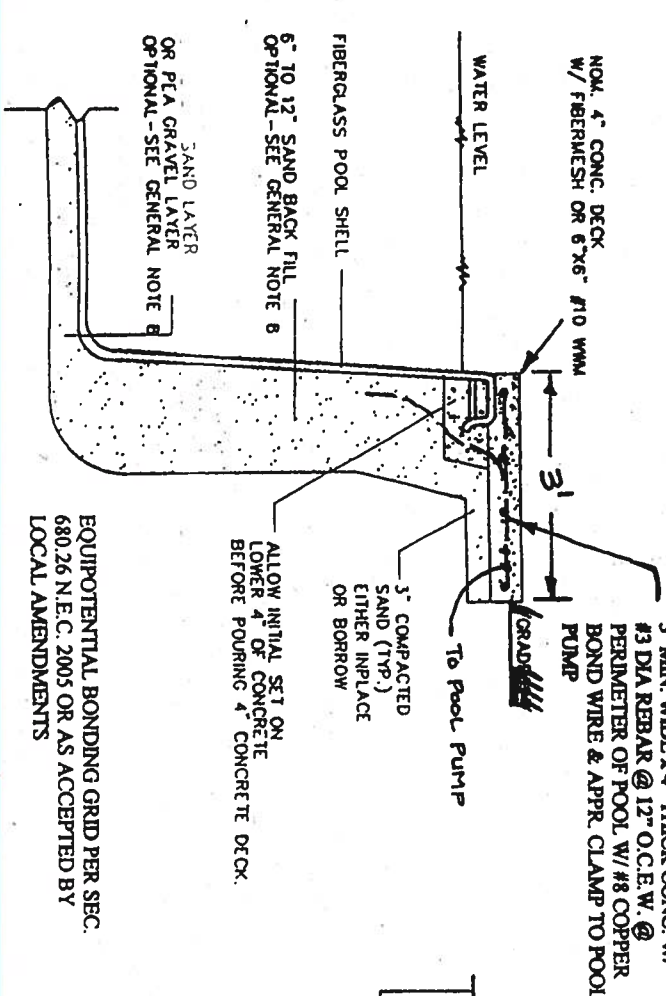




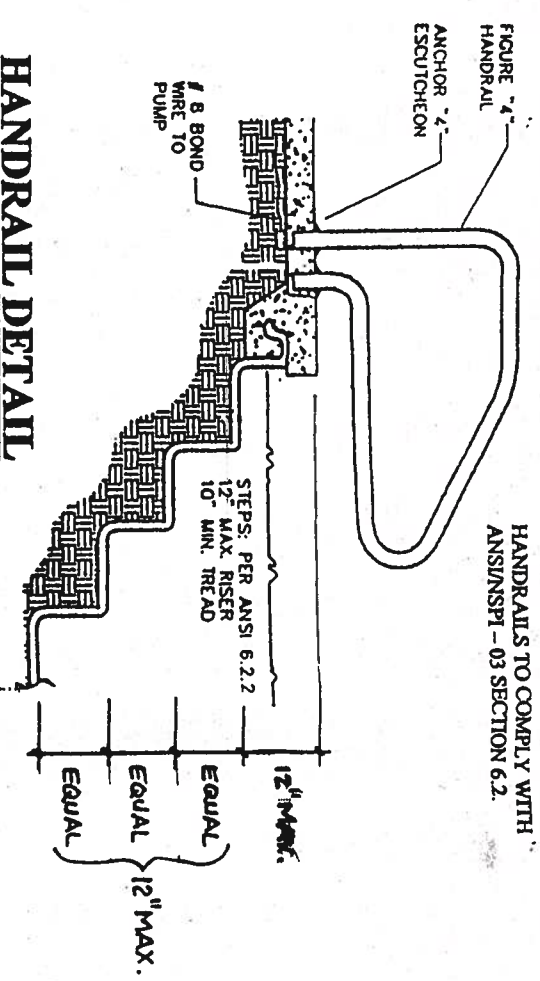
**TYP. CANTILEVER DECK DETAIL**  
N.T.S.



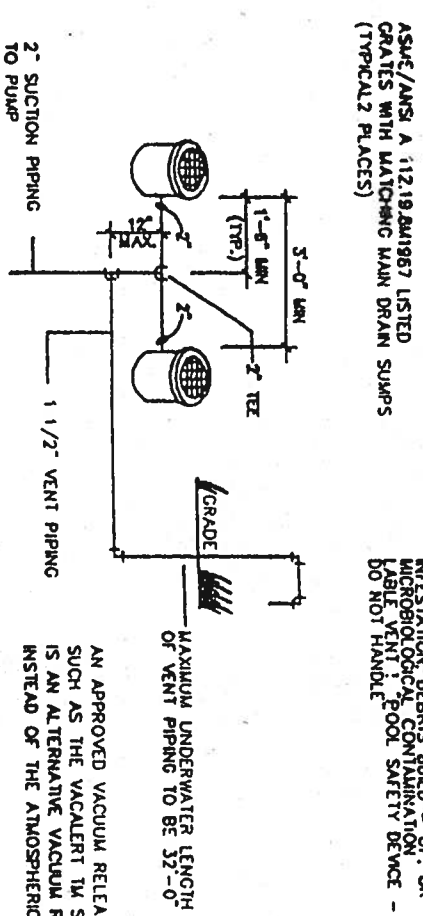
**TYP. BRICK COPING DETAIL**  
N.T.S.



**TYP. INSTALLATION SECTION**  
N.T.S.

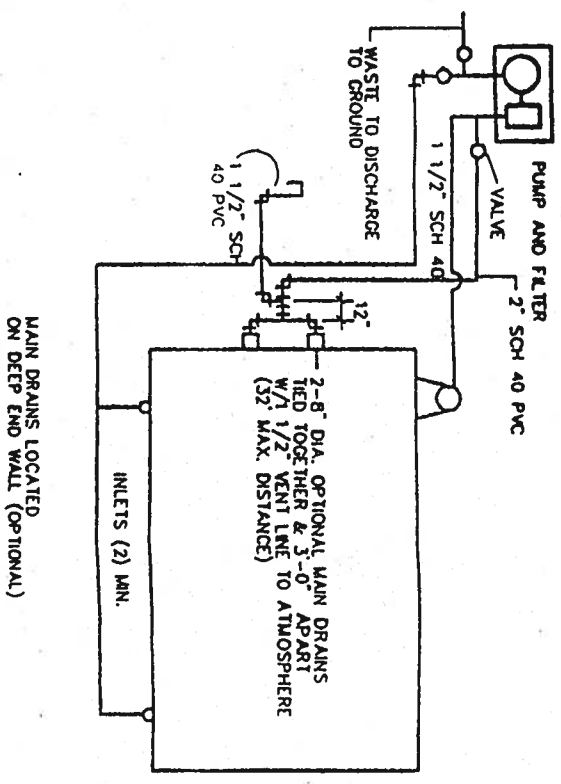


**HANDRAIL DETAIL**  
N.T.S. - WHEN APPLICABLE

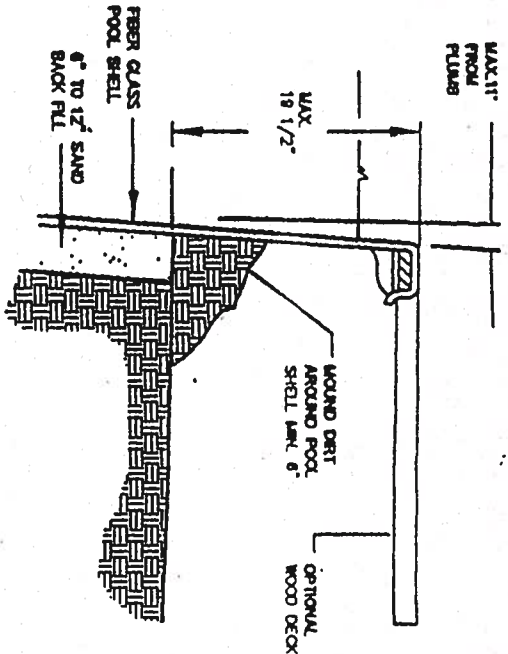


APPROVED SWIMMING POOL, SPA AND WADING POOL DUEL MAIN DRAIN ATMOSPHERIC VENT ARRANGEMENT FOR COMPLIANCE WITH SECTION R 4101.6.3 OF THE 2006 SUPPLEMENT OF THE 2004 FLORIDA CODE - RESIDENTIAL. HANDRAILS TO COMPLY WITH ANS/INSP1 - 03 SECTION 6.2.

**OPTIONAL DRAINS DETAIL**  
N.T.S.

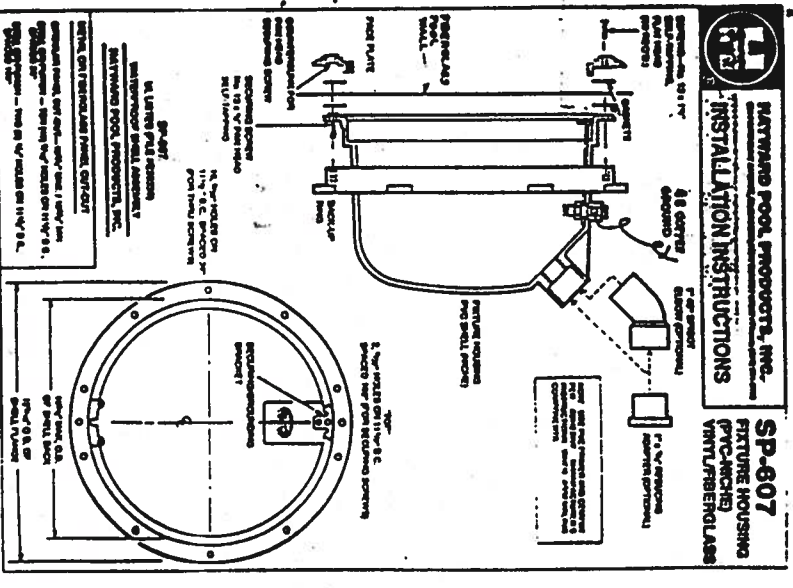


**TYP. PLUMBING SCHEMATIC**  
N.T.S.



**TYP. ABOVE GROUND INSTALLATION**  
N.T.S.

1 1/2" ATMOSPHERIC VENT LENGTH TABLE	
3 SECOND RELEASE	
PUMP SIZE	UNDERWATER LENGTH
3/4 HP	12' MIN. - 19' MAX.
1 HP	12' MIN. - 24' MAX.
1 1/2 HP	12' MIN. - 31' MAX.
2 HP	12' MIN. - 41' MAX.

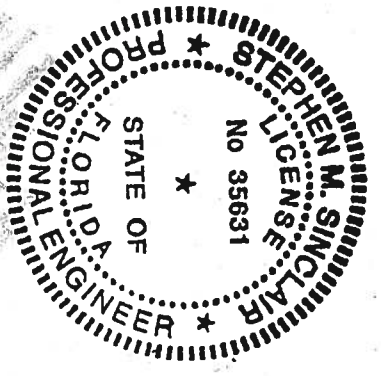


**LIGHT DETAIL**  
N.T.S.

**Ocean Reef Pools, Inc.**  
155 Valencia Drive, Box 510  
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PALM BEACH GARDENS, FL 33418  
C.O.A. - 5725



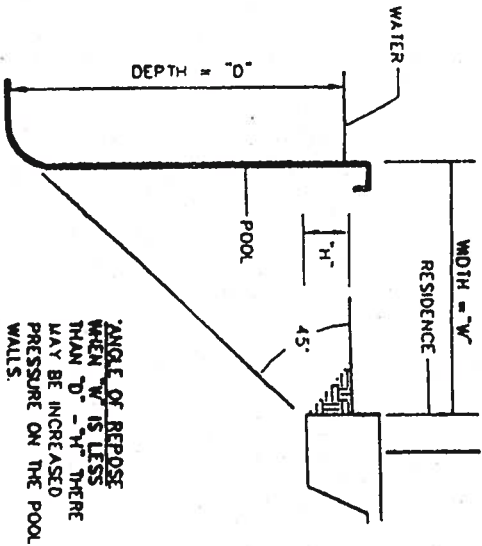
**STEPHEN M. SINCLAIR, P.E.**  
PROFESSIONAL ENGINEER  
FLORIDA LICENSE NO. 35631  
AUG 17 2007



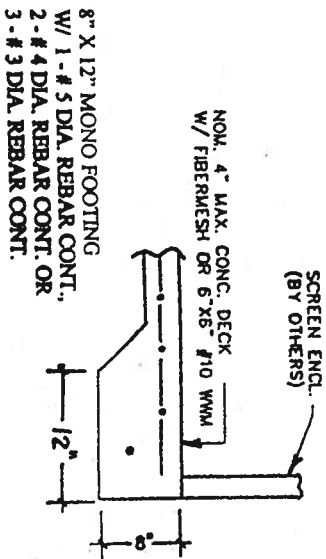
THE OCEAN REEF FIBERGLASS POOL AND SPA.

OCEAN REEF POOLS, INC. PRODUCES VARIOUS STYLES OF SWIMMING POOLS AND SPAS, THE OVERALL POOL DIMENSIONS, DEPTHS AND CAPACITIES ARE SHOWN IN TABLE 1. MEASUREMENTS ARE MADE TO THE OUTSIDE EDGE AND MAY VARY UP TO 3%.

POOL NAME	SIZE	GALLONS	PERIMETER SURFACE			DEPTH	WEIGHT
			FEET	AREA			
ATLANTIC	15' X 33'	14,800	89	400	3'-6"-3'	2,000	
BELLE ISLE	15' X 37'	20,000	98	486	3'5"-82"	2,100	
BISCAYNE - SPA	8' OCTAGON	475	25	40	36"	245	
CORAL SPRINGS	10' X 20'	3,750	48	151	3'-5'	980	
CYRESS - SPA	6' OCTAGON	400	20	34	32"	200	
DAYTONA	76" X 14'	1,200	37	80	36"	340	
EDGEWATER - SPA	7'10" ROUND	525	22	38	43"	275	
FLORIDIAN	16' X 40'	19,620	111	640	36"-7'11"	2,442	
GOLD COAST	12' X 24'	6,000	60	218	36"-5'	1,210	
MALIBAR	12' X 25'	6,000	69	230	37"-5'7"	1,200	
MARATHON	12' X 25'7"	9,000	69	238	3'4"-6'	1,400	
MIAMI	14' X 28'	10,000	70	303	3'5"-5'10"	1,375	
MYSTIC - SPA	6' OCTAGON	500	21	34	38"	225	
THE ORLANDO	14' X 30'	12,000	88	312	36"-6'	1,600	
PALM HARBOR	11' X 20'	4,000	58	171	3'5"-5'	965	
RIVIERA	11'10" X 25'2"	8,100	65	225	46"	1,400	
ROYAL PALM	14' X 31'	12,800	82	372	36"-6'	1,672	
SANIBEL	86" X 14'	2,100	42	87	4'	684	
SEABRING	15' X 34'	13,200	83	408	3'5"-6'6"	2,000	
TALLAHASSEE	14' X 30'	12,500	76	318	3'6"-6'6"	1,600	
THE VENICE	8' X 10'	2,500	36	80	3'3"	525	
CORAL SPRINGS - DISPLAY	10' X 20'	3,750	48	151	22"	980	
KEY LARGO	14' X 31'	13,000	88	395	3'5"-6'	1,672	
THE TITAN	12' X 28'	8800	74	295	4'6"	1400	



ANGLE OF REPOSE  
N.T.S.



FOOTING FOR SCREEN ENCL.  
N.T.S. - WHEN APPLICABLE

ENGINEERING REPORT ON THE OCEAN REEF POOL

MARCH 21, 2005

THIS REPORT DEALS PRIMARILY WITH THE STRENGTH AND CHARACTERISTICS OF THE FIBERGLASS POLYESTER MATERIAL USED IN THE CONSTRUCTION OF THE OCEAN REEF POOLS. THESE POOLS ARE MANUFACTURED BY THE FIRM OCEAN REEF POOLS, INC.

THE ABILITY OF THE POOL STRUCTURE TO CARRY THE LOADS IMPOSED ON IT (WHICH ARE PRIMARILY STATIC LOADS, DUE TO WATER PRESSURE, GROUND SETTINGS AND DYNAMIC LOADS DUE TO EARTHQUAKES) DEPENDS ON THE STRENGTH AND ENERGY ABSORPTION QUALITIES OF THE FIBERGLASS REINFORCED PLASTIC MATERIAL COMPOSED OF ISOPHTHALIC RESIN, VINYL ESTER RESIN, FIBERGLASS AND CERAMIC.

TO ASCERTAIN THE MECHANICAL BEHAVIOR OF THE ABOVE MATERIAL, TENSILE AND FLEXURE SPECIMENS WERE MADE FROM MATERIALS REMOVED FROM THE WALLS OF EXISTING POOLS. ALL OF THESE SPECIMENS WERE TESTED AT STRUCTURAL COMPOSITES, INC. THE TESTS WERE CONDUCTED IN ACCORDANCE WITH ASTM D-638-91 FOR "TENSILE PROPERTIES OF PLASTICS" AND ASTM D-790-92 FOR FLEXURAL PROPERTIES OF UNREINFORCED AND REINFORCED PLASTICS AND ELECTRICAL INSULATING MATERIALS.

FROM THE LOAD TESTS IN TENSION AND FLEXURE, THE FOLLOWING MECHANICAL PROPERTIES WERE EVALUATED:

- (1) TENSILE STRENGTH.
- (2) FLEXURAL STRENGTH.

THE AVERAGE VALUE OF THESE PROPERTIES APPEAR AS FOLLOWS:

ASTM D 638 TENSILE STRENGTH = 19,555 psi, TENSILE MODULUS = 1,053 Mpsi  
ASTM D 790 TENSILE STRENGTH = 29,377 psi, TENSILE MODULUS = 0.9369 Mpsi

THE FIBER REINFORCED PLASTIC IS STRONG, TOUGH AND RESILIENT MATERIAL. COMPARED TO GUNITE, THIS MATERIAL IS STRONGER UNDER TENSILE AND FLEXURAL LOADINGS.

IN CONCLUSION, OCEAN REEF POOLS, WHEN PROPERLY INSTALLED IN COMPACTED GROUND AGAINST A COMPACTED SAND CUSHION (COMPACTED BY WETTING) CAN SAFELY CARRY THE LOADS DUE TO WATER PRESSURE AND GROUND MOVEMENT.

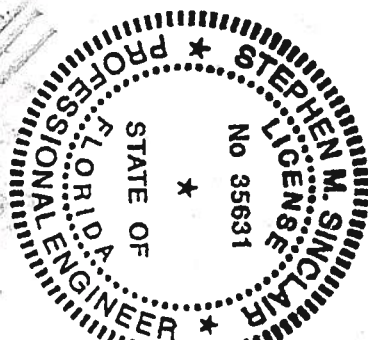
NOTES:

1. PROVIDE MAIN DRAINS W/ ANTI-VORTEX COVER.
2. PROVIDE SKIMMER.
3. AS A SAFETY PRECAUTION, VALVE MAIN DRAIN ONLY.
4. PROVIDE AIR RELIEF VALVE AND PRESSURE GAUGE AT FILTER.
5. ELECTRICAL CONNECTIONS AND BONDING SHALL BE IN ACCORDANCE WITH 2005 NATIONAL ELECTRICAL CODE.
6. SLOPE DECK AT 1/4" PER FOOT AWAY FROM POOL.
7. FENCES, BARRIERS AND OTHER SAFETY REQUIREMENTS TO BE AS REQUIRED BY THE 2006 SUPPLEMENT OF THE 2004 FLORIDA BUILDING CODE - RESIDENTIAL.
8. THIS DRAWING TO BE USED IN CONJUNCTION WITH OCEAN REEF POOLS SPECIFICATIONS AND INSTALLATION REQUIREMENTS.
9. THIS DRAWING IS PREPARED TO SHOW GENERAL INFORMATION REGARDING POOL GEOMETRY AND DIMENSIONS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR MANUFACTURING VARIANCE NOR THE INSTALLATION ON A SPECIFIC SITE WITHOUT KNOWLEDGE AND INVESTIGATION BY THE ENGINEER.
10. A SITE PLAN SHALL ACCOMPANY THIS DRAWING AND SHALL SPECIFY SETBACKS, BARRIER TYPE AND DECK SPECIFICATIONS INCLUDING DRAINAGE.
11. ALL POOLS ARE TYPE "O" - NO DIVING - FLOOR SLOPES ARE CONSTANT. (NO SLOPE BREAK EXCEPT AS SHOWN)
12. STEPS TO HAVE 10" MIN. TREAD, 12" MAX. RISER.
13. THE POOL DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL CONFORM WITH THE FOLLOWING REQUIREMENTS:  
ANSI/SPF 3-99 FOR PERMANENTLY INSTALLED RESIDENTIAL SPAS.  
ANSI/SPF 5-03 STANDARDS FOR RESIDENTIAL INGROUND SWIMMING POOLS.  
2005 NATIONAL ELECTRICAL CODE.
14. PLAN DIMENSIONS ARE TO OUTSIDE EDGE OF POOL COPING. COPING WIDTH IS 6" TYPICAL. WATERLINE DIMENSIONS ARE, THEREFORE, 12" LESS THAN PLAN DIMENSIONS.
15. POOL PLANS ARE DESIGNED TO MEET THE 2006 SUPPLEMENT OF THE 2004 FLORIDA BUILDING CODE - RESIDENTIAL - CHAPTER 41 SWIMMING POOLS - SECTION 4101.6.

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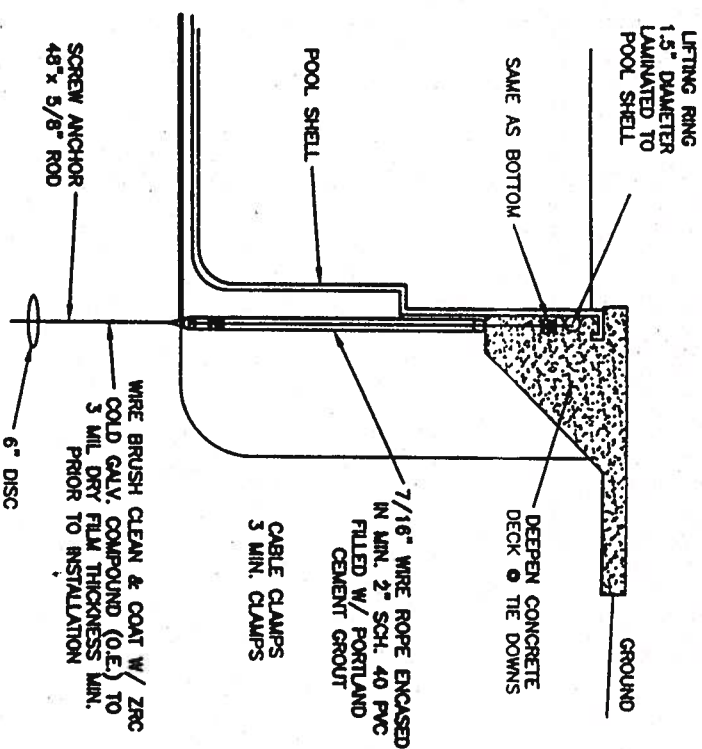
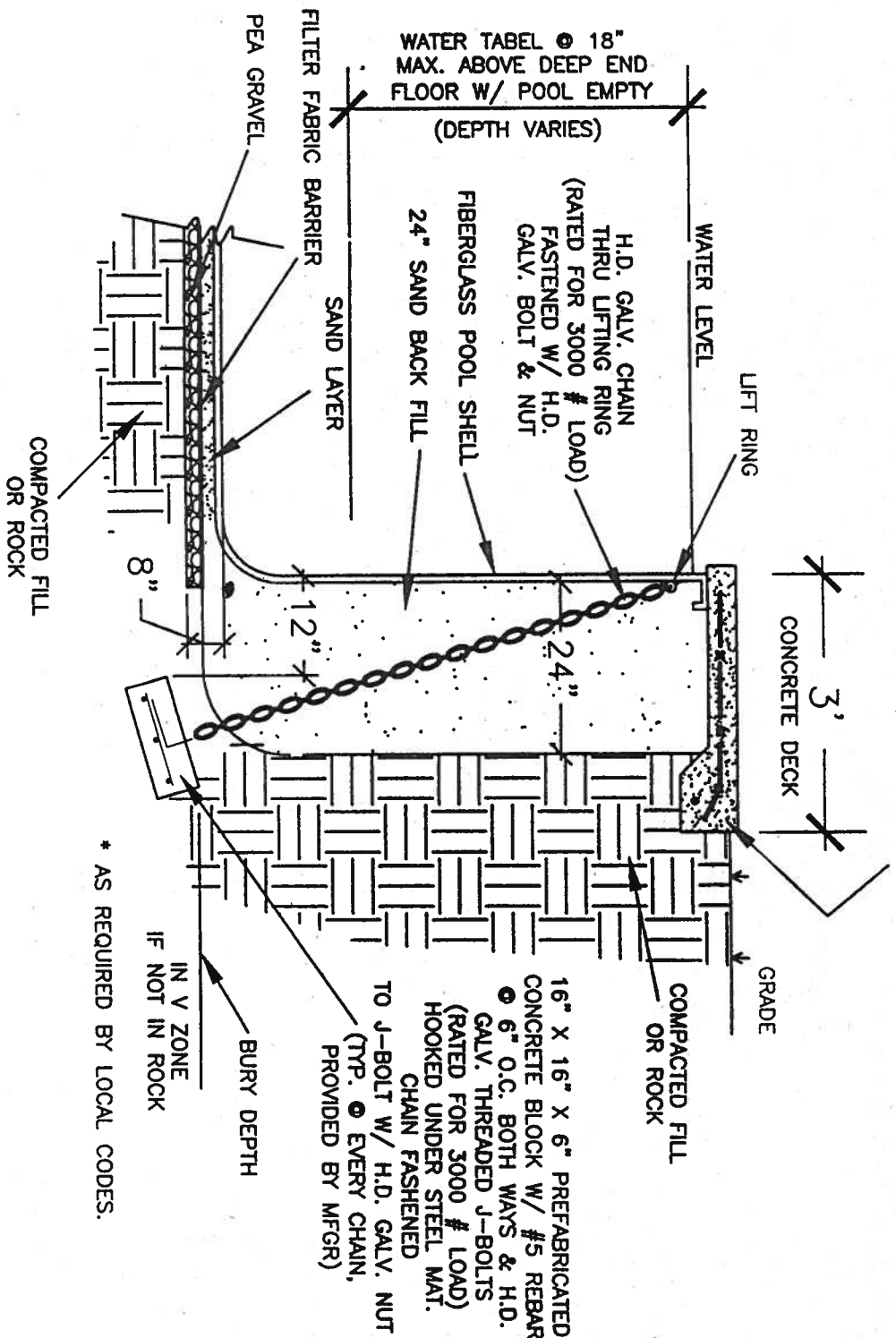


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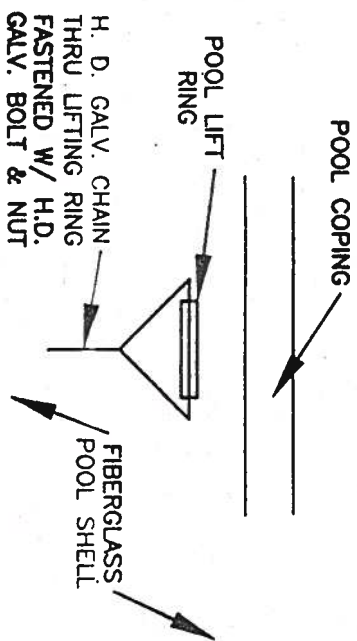


4" CONCRETE DECK W/ 6"x6" 19% W.W.M  
& THICKENED EDGE W/ (1) #5 REBAR CONTINUOUS  
(OR 3500 PSI CONCRETE)



## TYPICAL TIE-DOWN SECTION

N.T.S.



## NOTE:

DESIGN CONFORMS WITH THE F.B.C. 2004 H.V.H.Z.  
& NATIONAL SPA & POOL INSTITUTE

### MAXIMUM ANCHOR PULL PER 1,000#

** DEPTH OF BURY FEET	16" x 16" x 6"	24" x 24" x 8"	30" x 30" x 10"	36" x 36" x 12"
4	2	3.4	4.7	6.2
5	3	5	6.7	8.6
6	4.4	6.8	9	11.5
7	6	9	11.7	14.7
8	8.2	11.8	15	18.7
9	10.6	15	18.7	23

### OPTIONAL POOL TIE-DOWNS (4) LOCATIONS

\* 8,000# TEST UP TO 8,000 GAL. POOL  
12,000# TEST FOR 12,000 GAL. ETC.  
ALL J-BOLTS SIMILAR TENSILE STRENGTH  
\* BASED ON (4) TIE DOWNS

## TYPICAL TIE-DOWN SECTION

N.T.S.

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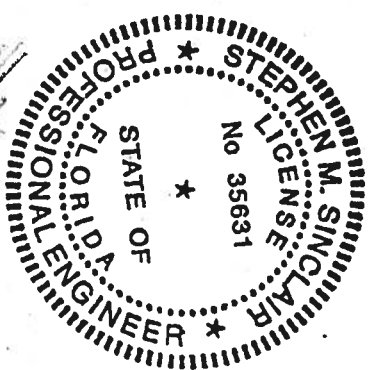
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"THE NEXT GENERATION OF FIBERGLASS"

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