

DATE 07/08/2009

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027934

APPLICANT RAY LUSSIER PHONE 758-7522
ADDRESS 757 SW SR 247 SUITE 101 LAKE CITY FL 32025
OWNER TEINA LONG PHONE 397-3390
ADDRESS 603 SW LONG LEAF DRIVE LAKE CITY FL 32024
CONTRACTOR RAY LUSSIER PHONE 758-7522
LOCATION OF PROPERTY 247 S, L INTO FOREST COUNTRY, GO R THEN 5TH ON RIGHT

TYPE DEVELOPMENT SWIMMING POOL ESTIMATED COST OF CONSTRUCTION 30000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING RR MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE NA DEVELOPMENT PERMIT NO.

PARCEL ID 21-4S-16-03045-013 SUBDIVISION FOREST COUNTRY
LOT 3 BLOCK PHASE 5 UNIT TOTAL ACRES 0.73

CPC1456754
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X09-0198 CS WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

Check # or Cash 1547

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 Insulation 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 Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 150.00 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 FEE 200.00
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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

SECTION VI. Equipment

- 6.01 Seller reserves the right, without notice, to substitute any of the accessories and equipment agreed upon, for comparable equipment or accessories of equal quality or better, having at least the same functionality, usability and utility.

SECTION VII. Obligations of Customer and Exclusions by Seller

- 7.01 Customer is responsible for providing Seller with accurate information regarding utilities, telephone lines and any other objects which might obstruct pool construction and supervision.
- 7.02 Customer warrants that he is familiar with the location of his property lines and that the pool site herein agreed upon is within said property lines. Any necessary zoning variances, easement waivers, or association permits are the responsibility solely of the Customer.
- 7.03 Dirt or foreign objects in the pool, which are not the result of Seller's actions, will not be the responsibility of Seller.
- 7.04 Customer shall provide Seller with adequate access and a site free of debris or obstacles prior to the start of the work and Customer agrees to pay Seller for all additional costs incurred as a result of Customer's failure to so provide.
- 7.05 Seller is not responsible for damage to patios, driveways, lawns, trees, shrubs, plants, fences, sprinkler systems or sewers which results from normal ingress and egress to the job site by trucks and equipment.
- 7.06 In the event access through adjacent properties is necessary for the installation work, Customer is responsible for obtaining written permission for such use from the owner(s) of said property, and Customer agrees to accept all risks thereof and to hold Seller harmless.
- 7.07 It shall be the responsibility of the Customer to furnish any water, power or utility necessary to construct said pool at said location.
- 7.08 Customer is responsible, over and above the agreed price, for the cost of installing extra circuit(s) in Customer's electrical panel box and/or removing or replacing overhead wires to comply with existing Codes.
- 7.09 Customer is responsible for any damage to any part of the swimming pool by irrigation water, vandals, or any other persons or things not within the control of Seller, during the construction of the pool. Customer is responsible for any pool equipment or appurtenances subject to this agreement which are removed or stolen after delivery to the job site.
- 7.10 In the event Seller encounters excessive ground water, abnormal ground or soil conditions, unexpected or man-made obstacles, Seller will inform Customer of such conditions and provide Customer with an estimate of the additional costs associated therewith, including any other additional equipment needed to complete excavation. Said additional costs will be the responsibility of the Customer.
- 7.11 Seller is not responsible for re-landscaping Customer's yard or providing additional dirt to accommodate Customer's landscape or design plans.
- 7.12 Customer agrees to take all responsibility for excess dirt left on site at Customer's request.
- 7.13 Customer agrees to take all responsibility for cost of relocating, replacement, or repair of all underground obstructions encountered during construction of his pool.
- 7.14 Seller reserves the right to cancel agreement if excessive muck or unstable soil conditions are found at time of excavation. Customer will pay Seller cost incurred to that point. Seller will provide itemized list and receipts for said costs.

SECTION VIII. Title and Agreement Enforcement

- 8.01 Seller reserves the right to title of merchandise and equipment described in agreement until paid for in full by Customer.
- 8.02 Should service of an attorney be required by the Seller for the enforcement of any provision of this agreement including but not limited to anticipatory breach of this agreement or failure to pay any of the sums required hereby or alternatively arising out of any claim made against the Seller by Customer, then, in such event, if the Seller is successful in the recovery of any such sums or does successfully avoid any of the relief sought by the Customer against Seller, then Customer agrees to pay reasonable attorneys fees and all other costs in defense thereof incurred by Seller.

SECTION IX. Seller's Limited Warranty

- 9.01 Conditions: All warranties offered herein are offered only to the Original Customer and conditional upon said Customer (a) keeping the pool full of water at all times except for the purpose of repair or maintenance (permission to drain pool must be given by Seller) and (b) operating the pool with reasonable care, with necessary maintenance, and in accordance with seller's instructions.
- 9.02 Seller warrants, subject to limits stated herein, to the original Customer, all labor materials and equipment to be free of defects for a period of one (1) year from the date that the pool is filled with water.
- 9.03 Contractors warranty is of null force and effect and shall not arise until contractor has been paid in full by customer for the agreement price and any agreement-related addendum.

SECTION X. Subcontractor's Warranty

- 10.01 All subcontractors, pool builders, electricians, concrete masons, and plumbers are required by Seller to extend a 365-day Workmanship and Materials Warranty directly to the Customer. Notification to Seller by Customer as explained in Section XII (Performance on Warranty) is required

SECTION XI. Limitations on Warranty

- 11.01 No warranty extends to any part of the swimming pool, its equipment or appurtenances thereto which are caused by any of the following conditions or events.
- Damages or failure caused by the lack of water in the pool contrary to Seller's instructions.
 - Defects or failure caused by normal wear, abuse, lack of reasonable care, lack of necessary maintenance, improper operation, vandalism or acts of God.
 - Damages or failures to pool, plumbing lines, filter, motors and pumps, caused by freezing.
 - Damages or failures caused by substitution or addition of equipment or service which affect the operation or designed use of the pool and are not expressly authorized.
 - Damages or failures to motors caused by rain or floodwater.
 - Discoloration, staining, check cracks, cracks, and imperfections inherent in pool, deck, and concrete products.
 - Damages or failures caused by surface or subterranean drainage under or around said pool, by underground water, earth fill movement, by expansive soil, or by explosions, wrecking and the like, and not occasioned by Seller.
 - Seller expressly denies any responsibility or liability for incidental or consequential damage arising as a result of the use or ownership of your swimming pool. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

SECTION XII. Performance on Warranty

- 12.01 In the event of defect in materials or workmanship within the stated warranty periods, and upon written notice to Seller by the Original Customer, Seller will remedy any such defect without charge to the Original Customer, with the exceptions listed herein, within a reasonable time provided the Original Customer has complied with all terms of this agreement, including payment in full. Notice should be sent to Seller at address on reverse side.
- 12.02 Seller shall not be responsible for the replacement of water in the pool, chemicals used in treating said water, or energy used to heat said water as a result of performing any repair under this Limited Warranty.
- 12.03 In the event Seller performs repair work to pool deck under the Limited Warranty, it is expressly understood that no Warranty is extended in regards to the repairs matching the existing pool deck in color, shade or texture.
- 12.04 In the event Seller is requested to perform any repair or service under this Limited Warranty, and a service representative is sent to the pool site, and it is determined that no service is required by this Limited Warranty, then the Customer shall be responsible for a reasonable service fee for this call. This warranty gives you specific legal rights. You may also have others which vary from state to state.

SECTION XIII. Manufacturer's Warranties

- 13.01 Manufacturer's Warranties on all products supplied by Seller are the expressed obligation of that Manufacturer. Seller shall not be responsible for cost of removal or replacement of after one (1) year from date pool is filled with water. Except as expressly set forth herein there are no other warranties, expressed or implied, of merchantability or fitness for a particular purpose or otherwise.

SECTION XIV. Normal Imperfections

- 14.01 Contractor shall not be responsible for any staining or blemishes caused by abnormalities, either in the water used for filling the spa/pool, or by poor pool maintenance, or by die in bricks, tile, stone, or deck coating.

SECTION XV. Florida Building Code

15.01 I have received a copy of The Residential Swimming pool Safety Act 515 and Safety Barrier Guidelines for Home Pools.

15.02 Construction Industries Recovery Fund: Payment may be made available from the construction industries recovery fund if you lose money on a project performed under contract, where the loss results from specified violations of Florida Law by a state-licensed contractor. For information about the recovery fund and filing a claim, contact the Florida Construction Industry Licensing Board at the following telephone number and address: 1940 North Monroe Street, Tallahassee, FL 32399-1039 Phone 850-487-1395

ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001 – 713.37, FLORIDA STATUTES), THOSE WHO WORK ON YOUR PROPERTY OR PROVIDE MATERIALS AND ARE NOT PAID-IN-FULL HAVE A RIGHT TO ENFORCE THEIR CLAIM FOR PAYMENT AGAINST YOUR PROPERTY. THIS CLAIM IS KNOWN AS A CONSTRUCTION LIEN. IF YOUR CONTRACTOR OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS OR NEGLECTS TO MAKE OTHER LEGALLY REQUIRED PAYMENTS, THE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR A SUBCONTRACTOR MAY HAVE FAILED TO PAY. FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX AND IT IS RECOMMENDED THAT WHENEVER A SPECIFIC PROBLEM ARISES, YOU CONSULT AN ATTORNEY.

Customer Jeina C. Long

Date 5-22-09

Columbia County Building Permit Application

ck# 1547

For Office Use Only Application # 0906-60 Date Received 6/30/09 By G Permit # 27934
Zoning Official chs Date 7/2/09 Flood Zone N/A Land Use RVLD Zoning RR
FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner (we) Date 7/1/09
Comments _____
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
School _____ = TOTAL _____

Septic Permit No. X09-0198 Fax _____
Name Authorized Person Signing Permit Ray Lussier Phone 386-758-7522

Address _____

Owners Name Terina Long Phone 397-3390

911 Address 603 SW Long Leaf Drive

Contractors Name Advantage Pools Phone 386-758-7522

Address 757 SW SR 247 suite 101 Lake City FL 32025

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address A.E. CC San Juan 2302 Lakeland FL 33801 / Stephen Schwab

Mortgage Lenders Name & Address _____

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

Property ID Number 21-45-110-03045-013 Hx 13 Estimated Cost of Construction \$ 30,000.00

Subdivision Name Forest Country Lot 3 Block _____ Unit _____ Phase 5

Driving Directions Go S on Branford Hwy 247 to a left into Forest Country take a right - 5th house on the right

Number of Existing Dwellings on Property 1

Construction of Swimming pool Total Acreage 0.730 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front 90 Side 64 Side 60 Rear 66

Number of Stories _____ Heated Floor Area _____ Total 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.

Spoke to Stacy 7/2/09

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Jaina C. Long
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

[Signature]
Contractor's Signature (Permitee)

Contractor's License Number *CPC 1456754*
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this *32nd* day of *May* 20*09*.
Personally known _____ or Produced Identification _____

Stephanie L. Parker
State of Florida Notary Signature (For the Contractor)

SEAL:



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 Appraisers Parcel Identification

Inst:200912010820 Date:6/30/2009 Time:9:23 AM

DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1176 P:513

386-758-7522

SPACE ABOVE THIS LINE FOR PROCESSING DATA

NOTICE OF COMMENCEMENT

Permit No. _____

Tax Folio 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) Lot 3 Forest Country 5th
Addition, WD 1020-801

General description of improvements Swimming Pools

Owner's Name TEINA LONG

Address 603 SW Long Leaf Dr. L.C. 32024

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 _____

Address: _____ Phone: _____ Fax: _____

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 Ray Lussier

Address 757 SW SR 247 Suite 101 Lake City Phone: 386-758-7522 Fax: 386-758-6932

In addition to himself, owner designates Frank Federmeier

Of Advantage Pools Phone: 386-758-7522 Fax: 386-758-6932

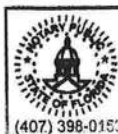
to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

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

Teina C. Long
Signature of Owner

TEINA CASON LONG
Printed Name of Owner

NOTARY RUBBER STAMP SEAL



STEPHANIE L PARKER
MY COMMISSION # DD760555
EXPIRES February 20, 2012
(407) 398-0153 FloridaNotaryService.com

I have relied upon the following identification of the Affiant FL Drivers
License

Sworn to and subscribed before me this 22nd day of May 2009

Notary Signature Stephanie L. Parker
Printed Name Stephanie L. Parker

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 21-4S-16-03045-013 HX 13

Search Result: 1 of 1

Owner & Property Info

Owner's Name	LONG TEINA C		
Site Address	LONG LEAF		
Mailing Address	603 SW LONG LEAF DR LAKE CITY, FL 32024		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	016416.02	Tax District	3
UD Codes	MKTA06	Market Area	06
Total Land Area	0.730 ACRES		
Description	LOT 3 FOREST COUNTRY 5TH ADDITION. WD 1020-801.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$30,600.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$150,211.00
XFOB Value	cnt: (2)	\$4,948.00
Total Appraised Value		\$185,759.00

Just Value	\$185,759.00
Class Value	\$0.00
Assessed Value	\$185,759.00
Exemptions	(code: HX 13) \$185,759.00
Total Taxable Value	County: \$0.00 City: \$0.00 Other: \$0.00 School: \$0.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
7/6/2004	1020/801	WD	V	Q		\$22,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2005	Common BRK (19)	1898	2708	\$150,211.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0120	CLFENCE 4	2005	\$1,944.00	0000432.000	0 x 0 x 0	(000.00)
0166	CONC,PAVMT	2005	\$3,004.00	0001502.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	0000001.000 LT - (0000000.730AC)	1.00/1.00/1.00/1.00	\$30,600.00	\$30,600.00

Residential Swimming Pool Spa and Hot Tub Safety Act Requirement

I, _____ hereby affirm that one of the following 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 a self-closing, self-catching device with a release mechanism 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 will constitute a violation of Chapter 515 F.S., and will be considered as committing a misdemeanor of the second degree.

OWNER'S SIGNATURE

Debra C. Long

ADVANTAGE POOLS

Kay L. L...



SuperFlo® Pumps (Cont'd)

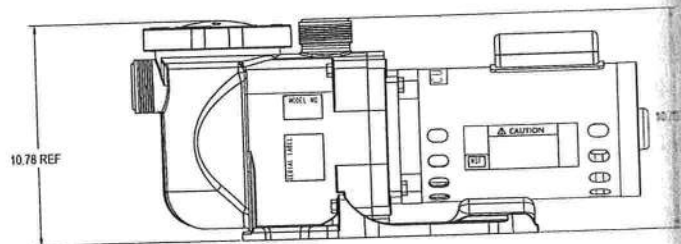
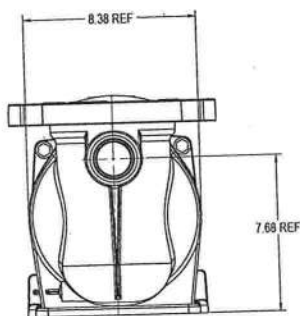
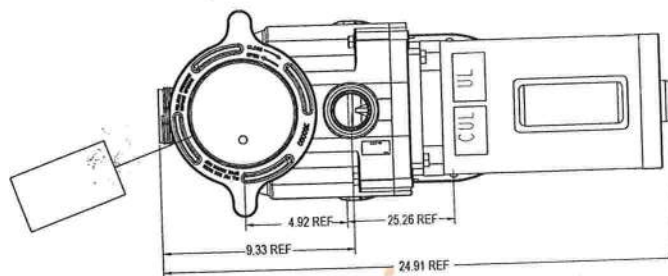
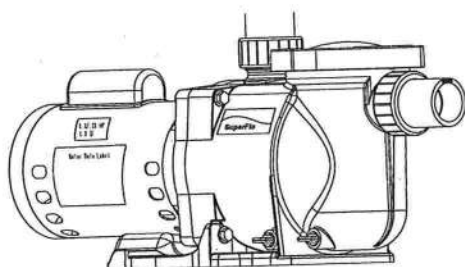
Dimensions and Performance



Pentair Pool Products
Superflo Series Performance Curves



Pumps - Inground



See page 532 for replacement parts.

SuperFlo® Pumps



The SuperFlo® pumps are specifically designed to be the best choice for a variety of inground pools. The SuperFlo features thick walled body parts, a heavy-duty 56 square flange motor, and highly engineered hydraulics. SuperFlo's silent running capability and small footprint allow it to easily drop into a compact equipment pad.



SuperFlo Pump
Protected by US Patent D517,570

Featured Highlights

- SuperFlo by Pentair Pool Products® is a direct replacement for the Hayward® Super Pump®*
- Extremely quiet operation
- Unionized fittings (1.5 in. internal slip and 2 in. external slip)
- Cam and Ramp™ Lid
- Heavy-duty, high service factor 56 square flange motor
- Integral volute and pot reduce hydraulic noise

Catalog Ordering Information

Product	Model	Voltage	Full Load Amps	HP	SF	SFHP	Port Size (FPT) Suct. & Disch.	Carton Wt (Lbs)	Curve Key
SUPERFLO 60 Hz SINGLE-PHASE SINGLE-SPEED PUMPS									
340036	SF N1 1/2F HP	115/230	10.8/5.4	1/2	1.90	0.95	1-1/2"	45	D
340037	SF N1 3/4A HP	115/230	10.8/5.4	3/4	1.30	0.98	1-1/2"	45	E
340038	SF N1 1A HP 115/230V	115/230	14.2/7.1	1	1.25	1.25	1-1/2"	45	F
340039	SF N1 1 1/2A HP 115	115/230	16.0/8.0	1-1/2	1.10	1.65	1-1/2"	45	G
340040	SF N1 2A HP 230V 1PH	230	22.4/11.2	2	1.10	2.20	1-1/2"	45	H
340041	SF N1 2 1/2F	230	11.5	2-1/2	1.04	2.60	1-1/2"	45	I
SUPERFLO 60 Hz SINGLE-PHASE TWO-SPEED PUMPS									
340042	SF N2 1A HP 230V 1PH	230	14.6/4.7	1	1.25	1.25	1-1/2"	45	A, F
340043	SF N2 1 1/2A HP 230V	230	7.8/3.0	1-1/2	1.10	1.65	1-1/2"	45	B, G
340044	SF N2 2A HP 230V 1PH	230	10.0/3.5	2	1.10	2.20	1-1/2"	45	C, H

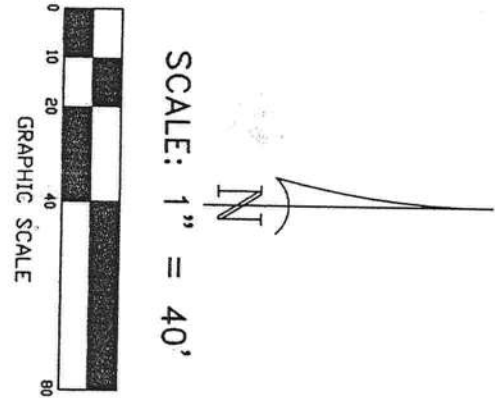
* Hayward and Super Pump are registered trademarks of H-Tech, Inc.

Pumps - Inground

BOUNDARY SURVEY IN SECTIONS 16 & 21, TOWNSHIP 4 SOUTH
RANGE 16 EAST,
COLUMBIA COUNTY, FLORIDA.

SYMBOL LEGEND:

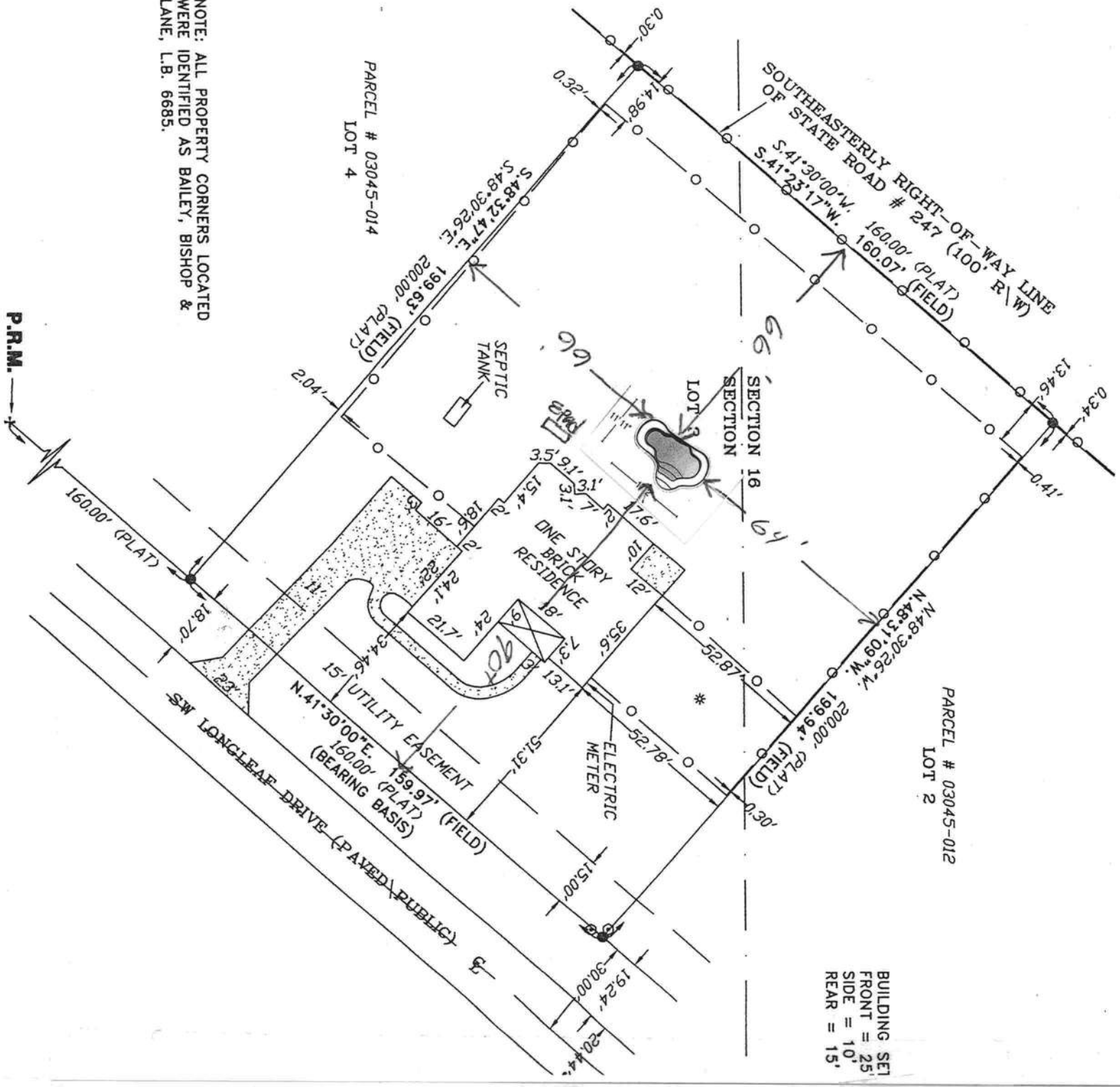
■	4"x4" CONCRETE MONUMENT FOUND
□	4"x4" CONCRETE MONUMENT SET
●	IRON PIPE FOUND
○	IRON PIN AND CAP SET
×	"X" CUT IN PAVEMENT
+	CALCULATED PROPERTY CORNER
⊕	MAIL & DISK
⊙	POWER POLE
⊛	SIGN POST
⊞	WATER METER
⊟	UTILITY BOX
⊠	WELL
⊡	SANITARY MANHOLE
⊢	CENTERLINE
⊣	SECTION LINE
⊤	ELECTRIC LINES
⊥	WIRE FENCE
⊦	CHAIN LINK FENCE
⊧	WOODEN FENCE
⊨	AS PER A PLAT OF RECORD
⊩	(DEED) AS PER A DEED OF RECORD
⊪	(CALC.) AS PER CALCULATIONS
⊫	(FIELD) AS PER FIELD MEASUREMENTS
P.R.M.	PERMANENT REFERENCE MARKER
P.C.P.	PERMANENT CONTROL POINT



BUILDING SETBACKS ARE AS FOLLOWS:
FRONT = 25'
SIDE = 10'
REAR = 15'

DESCRIPTION:
LOT 3 OF "FOREST COUNTRY, 5TH ADDITION" AS PER PLAT THEREOF RECORDED IN PLAT
BOOK 7, PAGE 182-183 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

- SURVEYOR'S NOTES:
- BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
 - BEARINGS ARE BASED ON SAID PLAT OF RECORD.
 - IT IS APPARENT THAT THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 4 FEBRUARY, 2009 FIRM PANEL NUMBER 12023C 0289 C. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
 - THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
 - IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
 - THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.
 - DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF.
 - THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
 - THE ADJACENT OWNERSHIP INFORMATION AS SHOWN HEREON IS BASED ON THE COUNTY PROPERTY APPRAISERS GIS SYSTEM, UNLESS OTHERWISE DENOTED.



NOTE: ALL PROPERTY CORNERS LOCATED WERE IDENTIFIED AS BAILEY, BISHOP & LANE, L.B. 6685.

CERTIFIED TO:
TEJANA C. LONG
COLUMBIA BANK
TERRY McDAVID, ATTORNEY AT LAW
ATTORNEYS' TITLE INSURANCE FUND, INC.
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
FIRST AMERICAN TITLE INSURANCE COMPANY

FIELD BOOK 312 PAGE(S) 13

SURVEYOR'S CERTIFICATION
I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBILITY AND IN ACCORDANCE WITH THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS' REGULATIONS, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO REGISTRATION NO. 12023C 0289 C. DATE OF SURVEY: 06/08/09. DATE OF DRAWING: 06/11/09. I, SCOTT BRITT, P.S.M., CERTIFY THAT THIS IS THE ORIGINAL, RAISED SEAL, DRAFTER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

BRITT & ASSOCIATES, INC.
LAND SURVEYORS AND MAPPERS, L.B. # 7593
830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573
WORK ORDER # L-19926

ANSI/ASP-7 2006 Specifies three methods for determining the maximum system flow rate. The following simplified TDH calculation is one of the methods specified.

Simplified Total Dynamic Head (TDH) Calculation Worksheet

Determine Maximum System Flow Rate:

Minimum Flow Rate Required: 35 gpm Per Skimmer

- Calculate Pool Volume: $\frac{\text{Surf. Area}}{(\text{Avg. Depth})} \times 7.48 \text{ (gal./cubic foot)} = \frac{3900}{340} = 11.47$
 - Determine preferred Turnover Time in hours: $\frac{4}{(\text{Hr.})} \times 60 \text{ (min. / hr.)} = \frac{240}{16.25} = 14.77$
 - Determine Max Flow Rate: $\frac{3900}{14.77} = 264.32$
 - Spa Jets: $\frac{4}{(\text{No. of Jets})} \times \frac{40}{(\text{Jet Flow})} \text{ gpm per jet} = \frac{160}{10} = 16$ flow rate.
- (For single pump pool/spa combo, use the higher of No. 3 or No. 4 in the following calculations for the pool & spa)

Determine Pipe Sizes:

Branch Piping to be 2 inch to keep velocity @ 6 fps max. at 62 gpm Maximum System Flow Rate.
Trunk Piping to be 2 inch to keep velocity @ 8 fps max. at 82 gpm Maximum System Flow Rate.
Return Piping to be 1.5 inch to keep velocity @ 10 fps max. at 62 gpm Maximum System Flow Rate.

Determine Simplified TDH:

- Distance from pool to pump in feet: 30
- Friction loss (in suction pipe) in 2 inch pipe per 1 ft. @ 82 gpm = .045 (from pipe flow/friction loss chart)
- Friction loss (in return pipe) in 1.5 inch pipe per 1 ft. @ 62 gpm = .015 (from pipe flow/friction loss chart)
- $\frac{30}{(\text{Length of Suct. Pipe})} \times \frac{.045}{(\text{ft of head/1 ft of Pipe})} = \frac{.00135}{(\text{TDH Suct. Pipe})}$
- $\frac{30}{(\text{Length of Return Pipe})} \times \frac{.015}{(\text{ft of head/1 ft of Pipe})} = \frac{.0045}{(\text{TDH Return Pipe})}$

TDH in Piping: 28

Filter loss in TDH (from filter data sheet): 7

Heater loss in TDH (from heater data sheet): 2

Total all other loss: 12

Total Dynamic TDH: 49

Selected Pump and Main Drain Cover:

Pump selection 1 HP 54 gpm flow

using pump curve for Simplified TDH & System Flow Rate

Main Drain Cover 5 PE 3 3/4" 16 gpm

(Make and Model) (System Flow Rate must not exceed approved cover flow rate)

Notes: Minimum system flow based on min. flow per skimmer of 35 gpm.

Determine the Number and Type of Required In-Floor Suction Outlets:

Check all that apply.

2 suction outlets @ 35 gpm max. flow (see note 2).

3 suction outlets @ 35 gpm max. flow (see note 3).

Aquastar Channel Drain @ 316 gpm max. flow rate.

A & A Channel Drain @ 217 gpm w/ 2 port & 278 gpm w/ 3 ports (see note 4).

TDH Calculation Options

For each pump

- Check one.
- ☐ Simplified Total Dynamic Head (STDH)
Complete STDH Worksheet – Fill in all blanks.
- ☐ Total Dynamic Head (TDH)
Complete Program or other calcs. Fill in required blanks on worksheet & attach calculations.

Notes

- If a variable speed pump is used, use the max. pump flow in calculations.
- For side wall drains, use appropriate side wall drain flow as published by manufacturer.
- Insert manufacturer's name and approved maximum flow
- See installation instructions for number of ports to be used.
- In-Floor suction outlet cover/grade must conform to most recent edition of ASME/ANSI A112.19.8 and be embossed with that edition approval.
- Pump & Filter make, model and location can not change without submitting a revised plans and TDH worksheet.

Flow and Friction Loss Per Foot

Schedule 40 PVC Pipe

Pipe Size	6 fps	8 fps	10 fps
1"	16 gpm 0.25'	21 gpm 0.28'	26 gpm 0.46'
1.5"	37 gpm 0.16'	50 gpm 0.25'	62 gpm 0.40'
2"	62 gpm 0.15'	82 gpm 0.25'	103 gpm 0.40'
2.5"	88 gpm 0.09'	117 gpm 0.15'	146 gpm 0.23'
3"	138 gpm 0.09'	181 gpm 0.14'	227 gpm 0.23'
4"	234 gpm 0.06'	313 gpm 0.10'	392 gpm 0.15'
6"	534 gpm 0.04'	712 gpm 0.04'	890 gpm 0.10'

Total Head In Feet Conversion Chart

Inches Mercury (Vacuum Gauge)																
0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
0.0	2.3	4.5	6.8	9.0	11.3	13.6	15.8	18.1	20.3	22.6	24.8	27.1	29.4	31.6	33.9	36.2
1	2.3	4.6	6.8	9.1	11.4	13.6	15.9	18.1	20.4	22.7	25.0	27.3	29.6	31.9	34.2	36.5
2	4.6	6.9	9.1	11.4	13.7	15.9	18.2	20.5	22.8	25.1	27.4	29.7	32.0	34.3	36.6	38.9
3	6.9	9.2	11.5	13.7	16.0	18.3	20.5	22.8	25.1	27.4	29.7	32.0	34.3	36.6	38.9	41.2
4	9.2	11.5	13.8	16.1	18.3	20.6	22.8	25.1	27.4	29.7	32.0	34.3	36.6	38.9	41.2	43.5
5	11.5	13.8	16.1	18.3	20.6	22.8	25.1	27.4	29.7	32.0	34.3	36.6	38.9	41.2	43.5	45.8
6	13.8	16.1	18.4	20.6	22.9	25.2	27.5	29.7	32.0	34.3	36.6	38.9	41.2	43.5	45.8	48.1
7	16.2	18.4	20.7	23.0	25.2	27.5	29.7	32.0	34.3	36.6	38.9	41.2	43.5	45.8	48.1	50.4
8	18.5	20.7	23.0	25.3	27.5	29.8	32.1	34.3	36.6	38.9	41.2	43.5	45.8	48.1	50.4	52.7
9	20.8	23.1	25.4	27.6	29.9	32.1	34.4	36.7	39.0	41.2	43.5	45.8	48.1	50.4	52.7	55.0
10	23.1	25.4	27.7	29.9	32.2	34.5	36.7	39.0	41.3	43.6	45.9	48.2	50.4	52.7	55.0	57.3
11	25.4	27.7	29.9	32.2	34.5	36.7	39.0	41.3	43.6	45.9	48.2	50.4	52.7	55.0	57.3	59.6
12	27.7	30.0	32.2	34.5	36.8	39.0	41.3	43.6	45.9	48.2	50.4	52.7	55.0	57.3	59.6	61.9
13	30.0	32.3	34.6	36.8	39.1	41.3	43.6	45.9	48.2	50.4	52.7	55.0	57.3	59.6	61.9	64.2
14	32.3	34.6	36.9	39.1	41.4	43.6	45.9	48.2	50.4	52.7	55.0	57.3	59.6	61.9	64.2	66.5
15	34.6	36.9	39.2	41.4	43.7	45.9	48.2	50.4	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8
16	37.0	39.2	41.5	43.7	46.0	48.3	50.5	52.8	55.1	57.4	59.7	61.9	64.2	66.5	68.8	71.1
17	39.3	41.5	43.8	46.1	48.3	50.6	52.9	55.1	57.4	59.7	61.9	64.2	66.5	68.8	71.1	73.4
18	41.6	43.8	46.1	48.4	50.6	52.9	55.1	57.4	59.7	61.9	64.2	66.5	68.8	71.1	73.4	75.7
19	43.9	46.2	48.4	50.7	52.9	55.2	57.4	59.7	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0
20	46.2	48.5	50.7	53.0	55.2	57.4	59.7	61.9	64.2	66.5	68.8	71.1	73.4	75.7	78.0	80.3
21	48.5	50.8	53.0	55.3	57.6	59.8	62.1	64.3	66.6	68.9	71.2	73.5	75.8	78.1	80.4	82.7
22	50.8	53.1	55.3	57.6	59.9	62.1	64.4	66.7	68.9	71.2	73.5	75.8	78.1	80.4	82.7	85.0
23	53.1	55.4	57.7	59.9	62.2	64.4	66.7	68.9	71.2	73.5	75.8	78.1	80.4	82.7	85.0	87.3
24	55.4	57.7	60.0	62.2	64.5	66.7	69.0	71.3	73.5	75.8	78.1	80.4	82.7	85.0	87.3	89.6
25	57.8	60.0	62.3	64.5	66.8	69.1	71.3	73.6	75.8	78.1	80.4	82.7	85.0	87.3	89.6	91.9
26	60.1	62.3	64.6	66.8	69.1	71.4	73.6	75.9	78.1	80.4	82.7	85.0	87.3	89.6	91.9	94.2
27	62.4	64.6	66.9	69.2	71.4	73.7	75.9	78.2	80.5	82.8	85.1	87.3	89.6	91.9	94.2	96.5
28	64.7	66.9	69.2	71.5	73.7	76.0	78.2	80.5	82.8	85.1	87.3	89.6	91.9	94.2	96.5	98.8
29	67.0	69.3	71.5	73.8	76.0	78.3	80.5	82.8	85.1	87.3	89.6	91.9	94.2	96.5	98.8	101.1
30	69.3	71.6	73.8	76.1	78.3	80.6	82.9	85.1	87.4	89.7	92.0	94.3	96.6	98.9	101.2	103.5
31	71.6	73.9	76.1	78.4	80.7	82.9	85.2	87.4	89.7	92.0	94.3	96.6	98.9	101.2	103.5	105.8
32	73.9	76.2	78.4	80.7	83.0	85.2	87.5	89.7	92.0	94.3	96.6	98.9	101.2	103.5	105.8	108.1
33	76.2	78.5	80.7	83.0	85.3	87.5	89.8	92.1	94.4	96.7	98.9	101.2	103.5	105.8	108.1	110.4
34	78.5	80.8	83.1	85.3	87.6	89.8	92.1	94.4	96.7	98.9	101.2	103.5	105.8	108.1	110.4	112.7
35	80.9	83.1	85.4	87.6	89.9	92.2	94.4	96.7	98.9	101.2	103.5	105.8	108.1	110.4	112.7	115.0

Swimming Pool Specification For:

Long.

Scale: None

Drn. By: GHS

Sheet 1 of 3

POOL, EQUIPMENT AND PROPERTIES

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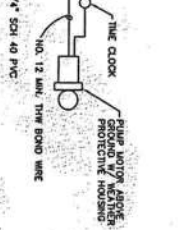
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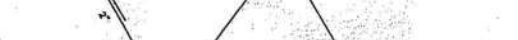
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NOTES



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