

BUILDING JOB SITE CARD

City of Belle Isle

BUILDING PERMIT 2017-08-032

PERMIT MUST BE POSTED ON SITE

Permit Number: 2017-08-032

Site Address: 4214 Belle Grove Ct, 32812

Subdivision:

BIIII DINC

Description of Work: Swimming pool and spa per attached plans

Issue Date: 08.15.2017

Parcel Number: 20-23-30-1661-01-100

Class: Residential

Issued To: All Seasons Pool Service Inc

Name: Watts, John

INCDECTOD DATE

Business Phone: 407 321 5404

Contractor License #: CPC023576

Payment Date & Method: 8-12-17 check

Schedule Inspections via Email at: BIDscheduling@universalengineering.com SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME Inspection Results Will Be Sent Out the Following Morning

"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."

COMMENTS

BUILDING	INSPECTOR	DAIL	COMMENTS
Demo Final			
Footing			
Stem Wall			
Slab			
Lintel/Tie Beam			
Down Pour	121		
Tilt Panel			
Window In-progress			
Sheathing (wall)			
Sheathing (roof)			
Framing			
Fire Rated Assembly			
Above-Ceiling			
Insulation			
Lathe			
Pool Steel & Ground			
Pool Safety			
Final			

GAS	INSPECTOR	DATE	COMMENTS
Rough Gas			
Final Gas			
-			
ELECTRICAL	INSPECTOR	DATE	COMMENTS
Temp Pole			
TUG			
Underground			
Rough			
Footer Steel Bonding			
Pool Light			
PrePower			
Meter ReSet			
Final			
MECHANICAL	INSPECTOR	DATE	COMMENTS
Above Ceiling			
Rough			
Hood Vent			
Final			
PLUMBING	INSPECTOR	DATE	COMMENTS
Sewer			
Underground			
Rough			
Above Ceiling			
Irrigation			
Final			
ROOF	INSPECTOR	DATE	COMMENTS
In-progress			
Final			

Schedule Inspections via Email at: <u>BIDscheduling@universalengineering.com</u>
SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME
Inspection@esaissiMilwidessesseouOtitetFestoWorginguMoesais@ay

Please call Micheliulen ready 407-803-2150],



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32 11 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

1 AUG 02 2017

Building Permit (Land Use) Application

DATE: 7-31-17	PERMIT# 2017-1	08-033
110 11 0 11 0 0 1 0 0	72	
PROJECT ADDRESS 4614 BOLLE GIOVE CX. PROPERTY OWNER RHET Landram PHONE 352-727-8114	ALUE OF WORK (labor & mail	terial) \$ U 165
PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS		Start of T
t . la		
Inground pool + spa w deck Please provide Information, if applicable.	, a	
Please provide Information, if applicable. SINGLE FAMILY RESIDENCE: 8.5"x11" Plat Survey, Plot Plan of Home and Floor Plans of No. BOAT DOCK: DEP Clearance Required with Application (Call 407-897-4100); please provide a SEPTIC SYSTEM (RESIDENTIAL): – Provide verification of OC Health Dept approval for on-si Homeowners will be required to have a contractor on record for homes that are rented and/o	ew Construction/Revision Re a copy of their report ite septic tank system, per F.	•
Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 2003		
To obtain this information, please vi	sit http://www.ocpafl.org/Searc	hes/ParcelSearch.asp
SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific foundation plan required to show compliance with	Wind Exposure Category:	B C D
zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed	SPRINKLERS REQ'D	Y N
Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.	If Required – SUBMIT COPY OF REVIEW Date: Sent	
PLANNING & ZONING APPROVAL: 8-11-17 Sec April'S Stamp		11.50
DATE	ZONING (Y)	N \$ 165
to llowing page	CERT OF OCC Y	N \$
PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required)	TRAFFIC Y	N \$
CONSTRUCTION TYPE	SCHOOL Y FIRE Y	N \$
OCCUPANCY GROUPComm Res:Single FamMulti Fam	SWIMMING POOL (Y)	N S 197
#BLDG#UNITS _#STORIES	SCREEN ENCLOSURE Y	N \$ 2 8
MAX. FLOOR LOAD	ROOFING Y	N \$
WATER SERVICE WELL SEPTIC	BOAT DOCK Y	N \$
	BUILDING Y	N \$
/ In De I our 17	WINDOW(S) Y	N \$
BUILDING REVIEWER DATE 8-15-17	DOOR(S) Y	N S
	FENCE y	N \$
VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE CO DATE 8-7-17	SHED Y	N \$
NOC	DRIVEWAY Y	N \$
Per FSS 105.3.3:	OTHERY	N <u>\$</u>
An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be	5% FL SURCHARGE	7.09
additional restrictions applicable to this property that may be found in the public records of this county.		1100 01
and there may be additional permits required from other governmental entities such as water	TOTAL	400.50
management districts, state agencies, or federal agencies. The alk 61474	7	
Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste.	By Owner Form	Y NA
and commercial garbage and construction debris collection and disposal services with the city limits of	Notice of Commencement	Y NA
the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-	Power of Attorney	Y NA
293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the	Contractor Packet Incuded?	Y N
contract through its code enforcement office. Failure to comply will result in a stop work order.	OTHER REPAITS REQUIRED	
	OTHER PERMITS REQUIRED: ELECTRICAL	Y NA
SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC. 157 1/4 25	PREPOWER	Y NA
	MECHANICAL	Y NA
Page 1 of 2 41 x 4 1 6 4	PLUMBING	Y NA
18912	ROOFING	Y NA
150= 4.25	GAS	Y NA
2 83.50		

City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, F Tel 407-581-8161 * Fax 407-581-0313 * www.universalengine

Building Permit (Land Use) Application

To be completed as required by State Statute Section 713 and other applicable sections.

Owner's Name Rhet Wordsom	PERMIT # 2017-08-032
Owner's Address 4214 Bell Grove of	
Contractor Name JOHN N. WATTS	Company Name ALL SEASONS POOL SERVICE INC
License # CPC023576	Company Address 185 E AIRPORT BLVD
Contact Phone/Cell 407-871-2020	City, State, ZIP SANFORD FL 32773
Contact Email reception@allseasonspools.com	Contact Fax 407-321-5404
If you intend to obtain financing, consult with your lender or an attornoy	
this permit does not grant permission to violate any applicable City and obtain a permit to do the work and installations as indicated. I certify that no work will be performed to meet the standards of all laws regulating construct all other construction including ROOFING, ELECTRICAL, MECHANICAL, PL	
OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate construction and zoning.	e and that all work will be done in compliance with all applicable laws regulating
Owner Signature Kunder Paul	Impervious Surface Ratio Worksheet Development Zoned A-1. A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per Clty Code, Section 50-74: Impervious Surface Ratio
by	1. Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area 14,800 x 0.35= Allowable Impervious Area (BASE) 5,180
Notary as to Owner. State of Florida County of Orange Mar 3 2020	Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc. House Oriveway Off
Contractor Signature / N. Wall	• Walkway 9 1
COMPANY NAME ALL SEASONS POOL SERIVCE INC	• Accessory Buildings • Pool & Spa
The foregoing instrument was acknowledged before me this 2/26/17	- Deck & Patto 913
by JOHN N WATTS who is personally known to me	
and who produced	• Other
Notary as to Owner State of Florida County of Orange	3. If AIA Is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
MEGAN ELIZABETH REIS	4 If AIA is greater than BASE, then onsite retention must be provided.
Notary Public - State of Florida Commission # FF 977536 My Comm - Expires Mar 31, 2020	Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 Inches p/foot) X (result from line 4) = cubic feet of storage volume needed

Please and Michellewhen ready 407-803-2102.



City of Belle Isle
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengines in

Building Permit (Land Use) Application							
DATE: 7 31-17	PERMIT# 2011	CR (22)					
PROJECT ADDRESS 4214 Belle Grove Ct.		UB-03A					
PROPERTY OWNER RHET Landram PHONE 352-727-811	Belie isle, FL	32809 452812					
PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS	ACOE OF WORK (ISSOT &IN	stenel) 3_7100					
Inground pool+spa w deck							
Please provide information, if applicable							
SINGLE FAMILY RESIDENCE: 8.5"x11" Plat Survey. Plot Plan of Home and Floor Plans of I BOAT DOCK: DEP Classification of the Plant of Home and Floor Plans of I	lew Construction/Revision F	Required					
BOAT DOCK: DEP Clearance Required with Application (Call 407-897-4100); please provide SEPTIC SYSTEM (RESIDENTIAL); - Provide verification of OC Health Dept approval for on-	a copy of their report						
 Homeowners will be required to have a contractor on record for homes that are rented and 	ove septic tank system, per	FAC Chap. 64E-6					
	STAR HOMEStead						
Please Complete for the City of Belie Isle Joning Revier: Partie In Walter 20-33	30-1661-011	20					
To obtain this information, please	visit http://www.ocoafl.org/Sea	rches/ParcelSearch.aspx					
SPECIAL CONDITIONS: STRUCTURES MAY ADT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specification distinct plan required to show compliance with	Wind Exposure Category:	8 C D					
ZURING Setule as MODE: this ZURING ADDITIONAL OF MAY NOT BE IN CONFICE WITH YOUR Dand	SPRINKLERS REQ'D	V N					
Restrictions. For New Single Family Residence, a Traffic Impact See and School Impact will be	If Required - SUBMIT COPY C	NF PLANS FOR FIRE					
absessed. 8/11/M	REVIEW Date: Sen						
PLANNING & ZONING APPROVAL. By:		1150					
DATE	ZONING	N 5 Ma.)					
City of Belle Isle	CERT OF DCC Y TRAFFIC Y	N 5					
PLEASE COMPLETE for Building Review (min_of class of signed/sealed plans required) CONSTRUCTION TYPE	SCHOOL Y	N 5					
OCCUPANCY GROUP Comm Res: Single Fam Multi Fam	FIRE Y	N 5					
#BLDG#UNITS_#STORIESTOTAL SQ.FT	SWIMMENG POOL (P)	N 5					
MAX FLOOR LOADMAX OCCUPANCY	SCREEN ENCLOSURE Y	N 5					
MIN. FLOOD ELEVLOW FLOOR ELEV	ROOFING Y	N 5					
WATER SERVICE WELL SEPTIC	BOAT DOCK Y	N S					
	BUILDING Y	N \$					
BUILDING REVIEWER LA 10 TOPE DATE 8-15-17	WINDOW(S) Y DOOR(S) Y	N 5					
	FENCE	N 5					
VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE DATE	SHED Y	N 5					
	DRIVEWAY Y	N S					
Per FSS 105.3.3:	OTHERY	N 5					
An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE in addition to the requirements of this permit, there may be	3% FL SURCHARGE						
additional restrictions applicable to this property that may be found in the public records of this project.							
and there may be additional permits required from other governmental entities such as water	TOTAL						
management districts, state agencies, or federal agencies."							
Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste,	By Owner Form	Y NA					
and commercial garbage and construction debris collection and disposal services with the city limits of	Notice of Commencement	Y NA					
the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407- 293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates	Power of Attorney Contractor Packet Incuded?	Y NA					
are fixed by contract and are available at City Hall or from Republic Services. The City enforces the	CONTRACTOR FACKET INCUDED?	Y N					
contract through its code enforcement office. Failure to comply will result in a stop work order	OTHER PERMITS REQUIRED:						
SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS,	ELECTRICAL	Y NA					
MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC	PREPOWER.	Y NA					
Page 1 of 2	MECHANICAL	Y NA					
- VAR. : V S	PLUMBING	Y NA					
	ROOFING	Y NA					
	GAS	Y No					



CITY OF BELLE ISLE, FLORIDA

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811

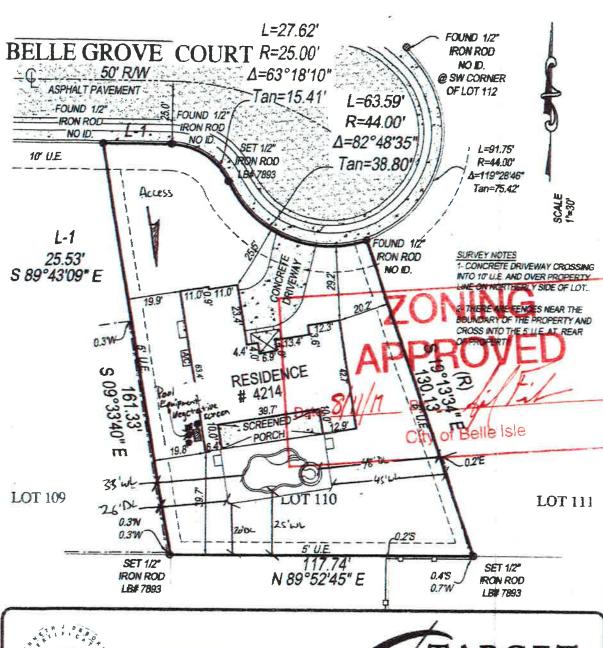
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

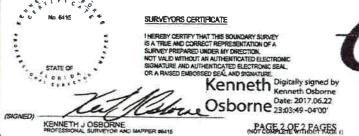
RESIDENTIAL SWIMMING POOL **SAFETY AFFIRMATION**

Date: 8/16/17 Address: 4214 Belle Grove Ct
I, John Nuclean License # CPC 023576 (print contractor's name) hereby affirm that the pool will be isolated from access from within the dwelling AND from adjacent properties by a barrier that meets the pool barrier requirements of Florida Statute 515.29 and the 2014 Florida Building Code Section 454.2.
Check the applicable barrier requirements from the following options and show on the site plan:
The pool will be equipped with an approved safety pool cover that complies with ASTM F1346 (Standard Performance Specifications for Safety Covers for Swimming Pools, Spas and Hot Tubs) per FBC 454.2.17, Exception.
The pool will be isolated from access by a mesh safety barrier that meets the requirements of FBC 454.17.1.15.
The pool will be isolated from access by a screen enclosure that meets the requirements of FBC 454.2.17.1.11.
The pool will be isolated from access by a fence and pedestrian gates that meet the requirements of FBC 454.2.17.1.1 through 454.2.17.1.8.
Does any part of the barrier consist of dwelling walls which contain doors or windows?
Yes No If yes, then check which of the two options below are applicable:
All doors and windows providing direct access from the dwelling to the pool will be equipped with an exit alarm that meets the requirements of FBC 454.2.17.1.9(1) unless Exceptions a, b or c apply.
All doors providing direct access from the dwelling to the pool will be equipped with self-closing, self-latching devices installed 54" above the threshold that meet the requirements of FBC 454.2.17.1.9, exception 2.
understand that the final electrical and barrier code inspection shall be completed prior to filling the pool with water inless it's a viny liner or fiber class FBC 454.2.19.
(contractor's signature) (property owner's signature)



BOUNDARY SURVEY





TARGET

LB #7893

SERVING FLORIDA

6250 N. MILITARY TRAIL, SUITE 102
WEST PALM BEACH, FL 33407
PHONE (551) 540-4800
STATEWIDE PHONE (500) 225-4807
STATEWIDE FACSIMILE (300) 741-0578
WEBSITE http://arrgotsurveying.net

NOTICE OF COMMENCEMENT
FS 713.13
THIS DOCUMENT MUST BE COMPLETED WHEN CONSTRUCTION VALUE EXCEEDS \$2500.00

0

This Instrument Prepared by: AL 185 SAI	L SEASONS POOL SERVICE INC E AIRPORT BLVD NFORD FL 32773	The state of the s
PERMIT #:		TAX FOLIO #: 20-23-30-1661-01-10
STATE: FLORIDA		CITY OF: BELLE ISLE
Legal Description of pro- (and street address if an	perty: Whuly Goves	to certain real property, and in accordance with chapter 713, floridate of the following the followi
a. Interest in pro b. Name and add	perty: FEE SIMPLE	
4. Contractor:	ress of fee simple titleholder (if other	than owner) Phone:
Name:	ALL SEASONS POOL SERVICE INC	ALL SEASONS POOL SCREEN ENCLOSURES INC
Address:	185 E AIRPORT BLVD SANFORD FL 32773	650 HICKMAN CIRCLE SANFORD FL 32771
Phone Number: Fax Number:	407-871-2020 407-321-5404	407-703-2500
5. Surety: Name and add		407-703-2501 DOC# 20170428211 08/02/2017 10:39:27 RM Page 1 of Rec_Fee: \$10.00
Phone:	Fax:	Phil Diamond, Comptroller Orange County, FL MB - Ret To: ALL SEASONS POOL SERV
6. Lander: Name and add	reas:	THE REPORT OF A PARTY
Phone:	Fax:	A MININGS LANGESTS, CALTINES LANGES HINTER
8. In addition to himself, Owner de (b), Florida Statutes: (Name, Address, Phon	ne number and fax number)	ceive a copy of the Lienor's Notice as provided in Section 713/13 (1) ear from the date of recording unless a different date is specified)
PAYING TWICE FOR IMPROVEMENT JOB SITE BEFORE THE FIRST INS BEFORE COMMENCING WORK OF Verification pursuant to Section 92.525, Florida Section 92.525,	NTS UNDER CHAPTER 713, PART 1, S WTS TO YOUR PROPERTY. A NOTICE SPECTION. IF YOU INTEND TO OBTA R RECORDING YOUR NOTICE OF COM	AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE IN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY MENCEMENT. I have read the forgoing and that facts in it are true to the best of my knowledge and belief. [Print Owner's Jame]
(Signature of Cwitter) Note: per Section Segmentate of Granter: or Granter's Aut	on 713.13)1)g. Florida Statutes honzed Office Director/Furtoer/Manager	(Print Owner's Name)
State of Florida, County The foregoing instrument was ackn produced	owledged before methis 36 d	Florida D 7536

Job # 8606

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD STATE OF FLORIDA

LICENSE NUMBER

CPC023576

The COMMERCIAL POOL/SPA CONTRACTOR Named below IS CERTIFIED Under the provisions of Chapter 489 FS. Expiration date: AUG 31, 2018

WATTS, JOHN NICHOLAS
ALL SEASONS POOL SERVICE INC
185 E AIRPORT BLVD
SANFORD
FL 32773

DISPLAY AS REQUIRED BY LAW

SEQ# L1608030001960

ISSUED: 08/03/2016



CERTIFICATE OF LIABILITY INSURANCE

ALLSE-3

OP ID: HP

DATE (MM/DD/YYYY) 11/30/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an AD the terms and conditions of the policy, certain certificate holder in lieu of such endorsement(s	policies may require an en	policy(ies) must be adorsement. A state	endorsed. I ment on this	f SUBROGATION IS WA s certificate does not co	NVED, onfer ri	subject to ghts to the
PRODUCER		CONTACT Kenneth	M Brown			
Insurance By Ken Brown, Inc. PO Box 948117		PHONE (A/C, No. Ext): 321-397 E-MAIL		FAX (A/C, No):	321-39	97-3888
Maitland, FL 32794-8117 Kenneth M Brown		ADDRESS:		Armana para mara		NAIC #
Refined An Stown				DING COVERAGE		19488
		INSURER A: Amerisu	re ins Com	pany		23396
INSURED All Seasons Pool		INSURER B : Amerisu	re Mutual I	ns. Co	_	23380
All Seasons Pool Srv Inc DBA		INSURER C:				
185 E Airport Blvd Sanford, FL 32773		INSURER D:				
Samoru, FL 32113		INSURER E:				
		INSURER F:				
THIS IS TO CERTIFY THAT THE POLICIES OF INS INDICATED. NOTWITHSTANDING ANY REQUIREM CERTIFICATE MAY BE ISSUED OR MAY PERTAIN EXCLUSIONS AND CONDITIONS OF SUCH POLICIE	MENT, TERM OR CONDITION N, THE INSURANCE AFFORD S. LIMITS SHOWN MAY HAVE	ED BY THE POLICIES BEEN REDUCED BY F	THE INSURED OR OTHER DESCRIBED PAID CLAIMS.	HEREIN IS SUBJECT TO) ALL	ICY PERIOD WHICH THIS THE TERMS,
INSR TYPE OF INSURANCE INSD W	POLICY NUMBER	POLICY EFF (MIM/DD/YYYY)	(MM/DD/YYYY)	LIMIT		4 000 000
A X COMMERCIAL GENERAL LIABILITY				EACH OCCURRENCE	5	1,000,000
CLAIMS-MADE X OCCUR	CPP20266931201	01/16/2017	01/16/2018	DAMAGE TO RENTED PREMISES (Ea occurrence)	S	500,000
00 1110 111 121				MED EXP (Any one person)	\$	5,000
				PERSONAL & ADV INJURY	\$	1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	\$	2,000,000
POLICY X PRO- LOC		1 1	ľ	PRODUCTS - COMPIOP AGG	\$	2,000,000
					\$	
AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
1, 197	CA20786140601	01/16/2017	01/16/2018	BODILY INJURY (Per person)	\$	
ALL OWNED SCHEDULED				BODILY INJURY (Per accident)	-	
AUTOS AUTOS X NON-OWNED				PROPERTY DAMAGE (Per accident)	\$	
X HIRED AUTOS X AUTOS					\$	
X UMBRELLA LIAB X OCCUR				EACH OCCURRENCE	s	5,000,000
	CU20812270501	01/16/2017	01/16/2018	AGGREGATE	\$	5,000,000
		i .			\$	
DED X RETENTIONS WORKERS COMPENSATION				X PER OTH-		
AND EMPLOYERS' LIABILITY VIN	WC131559819	01/16/2017	01/16/2018	E.L. EACH ACCIDENT	\$	1,000,000
A ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?			-	E.L. DISEASE - EA EMPLOYE	E S	1,000,000
(Mandatory in NH)	1			E.L. DISEASE - POLICY LIMIT	s	1,000,000
If yes, describe under DESCRIPTION OF OPERATIONS below						
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (AC	CORD 101, Additional Romarks Scho	CANCELLATIO		,		
CERTIFICATE HOLDER						
City of Belle Isle 1600 Nela Avenue	BELLEIS	THE EXPIRATION	ON DATE T	DESCRIBED POLICIES BE HEREOF, NOTICE WILL ICY PROVISIONS.	BE	ELLED BEFORE DELIVERED IN
Belle Isle, FL 32809		AUTHORIZED REPRE		/		
		1				



CITY OF SANFORD

Building & Fire Prevention Division PO Box 1788, Sanford, FL 32772-1788

2017

LOCAL BUSINESS TAX RECEIPT

VALID THROUGH DECEMBER 30, 2017

ALL SEASONS POOLS 185 E AIRPORT BLVD SANFORD FL 32773

This receipt is a local business tax only. It does not permit the local business taxpayer to violate any existing zoning or regulatory laws of the state or county, nor does it exempt the business taxpayer from any other license or permits required by law.

Issue Date:

August 30, 2016

Control Number:

0017075

Business Location:

185 E AIRPORT BLVD

Receipt Number	Classification	Receipt Amount	Penalty Amount	Total
00024289	FIREINS FIRE INSPECTIONS	100.00	.00	100.00
	5030C	7		
00024290	CONTRACTOR 10 OR MORE EMPLOYEES	200.00	.00	200.00
			I	
	1			
	1			

SEMINOLE COUNTY TAX RECEIPT REQUIRED ORIGINAL TAX RECEIPT MUST BE DISPLAYED ON PREMISES

Property Record - 20-23-30-1661-01-100

Orange County Property Appraiser • http://www.ocpafl.org

Property Summary

Property Name

4214 Belle Grove Ct

Names

Isaac Anita

Municipality

BI - Belle Isle

Property Use

0103 - Single Fam Class III

Mailing Address

25939 147Th Dr

Rosedale, NY 11422-2925

Physical Address

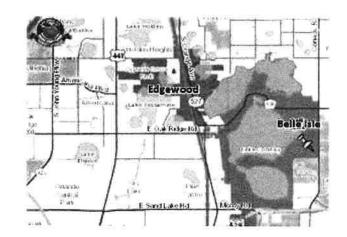
4214 Belle Grove Ct Orlando, FL 32812



QR Code For Mobile Phone



302320166101100 09/28/2006



Value and Taxes

2016 Taxable Value and Certified Taxes

Taxing Authority	Assd Value	Exemption	Tax Value	Millage Rate	Taxes	%
Public Schools: By State Law (Rle)	\$259,893	\$25,000	\$234,893	4.5630 (-8.19%)	\$1,071.82	27 %
Public Schools: By Local Board	\$259,893	\$25,000	\$234,893	3.2480 (0.00%)	\$762.93	19 %
Orange County (General)	\$259,893	\$50,000	\$209,893	4.4347 (0.00%)	\$930.81	24 %
City Of Belle Isle	\$259,893	\$50,000	\$209,893	4.4018 (0.00%)	\$923.91	24 %
Library - Operating Budget	\$259,893	\$50,000	\$209,893	0.3748 (0.00%)	\$78.67	2 %
St Johns Water Management District	\$259,893	\$50,000	\$209,893	0.2885 (-4.57%)	\$60.55	2 %
Lake Conway Mstu	\$259,893	\$50,000	\$209,893	0.4107 (0.00%)	\$86.20	2 %
			,	17.7215	\$3,914.89	

Property Features

Property Description

CONWAY GROVES UNIT 2 40/4 LOT 110

Total Land Area

14,800 sqft (+/-)

0.34 acres (+/-)

GIS Calculated

Land

Land Use Code 0100 - Single Family

Zoning Land Units Unit Price Land Value Class Unit Price R-1-AA 1 LOT(S)

working...

working...

working...

Class Value working...

DOC # 20170398076

07/18/2017 07:45 AM Page 1 of 2

Rec Fee: \$18.50

Deed Doc Tax: \$2,415.00 Mortgage Doc Tax: \$0.00

Intangible Tax: \$0.00 Phil Diamond, Comptroller

Orange County, FL Ret To: SIMPLIFILE LC

THIS INSTRUMENT PREPARED BY AND RETURN TO: C. Mellow
Edgewater Title Company
2518 Edgewater Drive
Orlando, Florida 32804

Our File No.: 368

Property Appraisers Parcel Identification (Folio) Number: 20-23-30-1661-01100 Florida Documentary Stamps in the amount of \$2,415.00 have been paid hereon.

_____SPACE ABOVE THIS LINE FOR RECORDING DATA_____

WARRANTY DEED

THIS WARRANTY DEED, made the 2000 day of June, 2017 by ANITA ISAAC, a single woman, surviving spouse of WILNER ISAAC, whose post office address is 4214 Belle Grove Court, Belle Isle, FL 32812 herein called the Grantor, to RHETT LANDRAM and LINDSEY LANDRAM, husband and wife whose post office address is 4214 Belle Grove Court, Belle Isle, FL 32812, hereinafter called the Grantees:

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

WITNESSETH: That the Grantor, for and in consideration of the sum of TEN AND 00/100'S (\$10.00) Dollars and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee all that certain land situate in ORANGE County, State of Florida, viz.:

Lot 110, CONWAY GROVES UNIT 2, according to the Plat thereof, as recorded in Plat Book 40, Page 4, of the Public Records of Orange County, Florida

Grantor herein covenants and agrees that she was continuously married to WILNER ISAAC, without interruption from the date they first acquired title up until the date of his death of JUNE 12, 2015.

Subject to easements, restrictions and reservations of record and taxes for the year 2017 and thereafter.

TOGETHER, with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. TO HAVE AND TO HOLD, the same in fee simple forever.

AND, the Grantor hereby covenants with said Grantees that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will

File No.: 368

20170398076 Page 2 of 2

defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2016.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in the presence of:

Witness #2

STATE OF FLORIDA **COUNTY OF ORANGE**

The foregoing instrument was acknowledged before me this 28 day of June, 2017, by ANITA ISAAC who is personally known to me or has produced

as identification.

SEAL

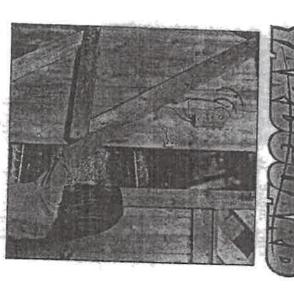
MEAGAN BAUS MY COMMISSION # FF 941235 EXPIRES: December 7, 2019 Bonded Thru Notary Public Underwriten

Notary Bublic

Printed Notary Name

My Commission Expires:

File No.: 368



IMPOKIANI 12	Automatic Continous Monitoring 11	Auto Siren OFF	Automatic Reset Under All Conditions 10	Operation9	Additional PASS/RESET Switch8	Mount On Wall And Glass Doors7	Mount On Metal Gate6	Mount On Wooden Fence5	Auto Battery Check4	Install Battery3	: 1.

PLAJES

Welcome

Congratulation on purchasing this YARDGUARD safety alarm. The YARDGUARD can be used to monitor potential dangerous areas, and provides a high volume alarm/alert when children enter these areas. It can be used indoors or outdoors, mounted on a wooden fence or metal gates. It can be mounted on any doorways or openings that lead to potentially dangerous areas.

Caution

The alarm siren is very loud. Never place the unit close to your ear. Prolonged exposure to the loud siren can affect your hearing.

Install the unit at minimum height 54", high enough to be out of reach of children.

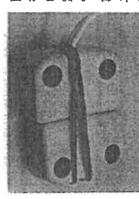
This YARDGUARD is an entry monitor device. Whether expressed or implied, it cannot replace any safety device. All safety precautions should be maintained, including parental supervision.

Neither SmartPool Inc. nor anyone else who has been involved in the creation, reproduction or delivery shall be liable for any direct, indirect, consequential or incidental damages arising out of the use or liability to use the YARDGUARD.

Install Battery

Before installing the battery, use a rubber band to hold the magnet

sensors together temporarily, with dot matched to dot, thereby preventing the alarm from sounding after the battery is installed when mounting the unit



To install battery, remove the four screws at the back then open the battery door.

Install a fresh 9V battery (not included) into the battery compartment. Check the polarity.

Close the battery door and tighten up the four screws.



Now the unit is ON and in working mode. To check if battery is installed properly, press the battery check button located at the lower right corner. The unit will beep when you press this button. If no beep sound is heard, check the battery installation again,

or replace with a new battery.

Auto Battery Check

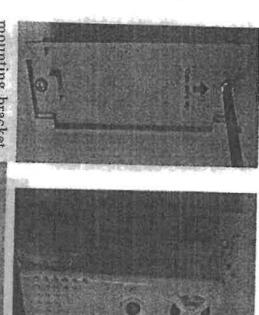
The unit will keep monitoring the battery level. When it detects that the battery is low, you will hear a loud and short beep every minute. Change battery when you hear this beep.

Check battery periodically.
Change battery a minimum of once a year.

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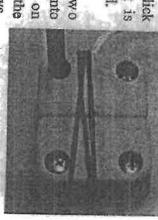
Mount On Wooden Fence

the two bigger screws. Slide the alarm unit onto this Install the mounting bracket onto fence post using



properly installed. when the unit is You will feel a click mounting bracket.

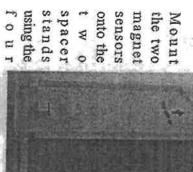
four smaller screws. each side, using the fence post, one on magnet sensors onto Mount the two

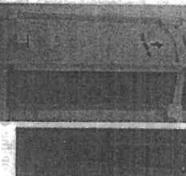


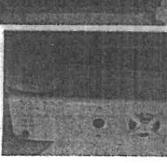
Mount On Metal Gate

nylon straps. Slide the alarm unit onto this mounting bracket. You will feel a click when the unit is Install the mounting bracket onto gate post using two

installed properly







straps. Bursn 1sod onto gate smaller screws and then the nylon mount this sensor assembly

THE PERSON IN CO.





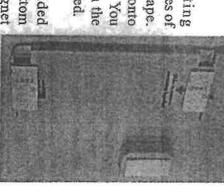
Mount On Wall And Glass Doors

Install the mounting bracket using two pieces of double sided foam tape. Slide the alarm unit onto this mounting bracket. You will feel a click when the unit is properly installed.

Apply the double sided foam tape onto the bottom recessed area of magnet

sensor pair. Mount the magnet sensors, one on the door and the other on the door frame.

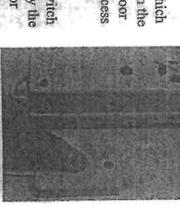
Mount the magnet sensor with the wire onto the stationary surface such as door frame.

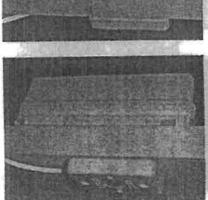


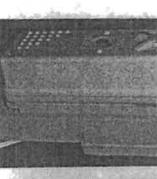
Additional PASS/RESET Switch

This unit provides an additional PASS/
RESET switch, which can be mounted on the other side of the door for convenient access from both sides.

This additional switch can be mounted by the 2 smaller screws or double sided foam







Operation

This YARDGUARD is designed to monitor the opening of gate or door, to alert an adult if a child has opened a gate or door to a potential dangerous area.

Check the battery. Press the CHECK button should give a loud beep, otherwise replace with a new battery. The unit will give a loud siren if gate or door is opened by more than one inch.

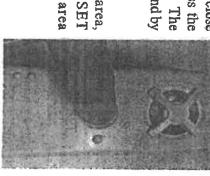
For adult entry, press the PASS button. The unit will allow the door be opened up to 7 seconds without triggering alarm. However, if the gate or door is opened for over 7 seconds, the alarm will trigger.





To reset the alarm, first close the door and then press the PASS/RESET button. The alarm is now back to stand by mode.

To exit the protected area, press the PASS/RESET button and exit the area within 30 seconds.



Automatic Reset Under All Conditions

The unit will be reset automatically in 30 seconds after the last key activation. If the PASS/RESET button is pressed but the adult entry 7 seconds allowance is not utilized, this adult entry allowance will be canceled in 30 seconds, and reset to stand by mode automatically.

Auto Siren OFF

Siren can be turned OFF manually as describe on previous section, or the unit will reset in 4 minutes automatically if the gate is closed.

Automatic Continous Monitoring

If alarm is triggered and reset by itself in 4 minutes, the unit will check the condition of magnet contact sensor to decide if the door remains open or not. If the door is left open, the alarm sounds again for 4 minutes, check the door condition again and continue the cycle until the door is closed.

IMPORTANT

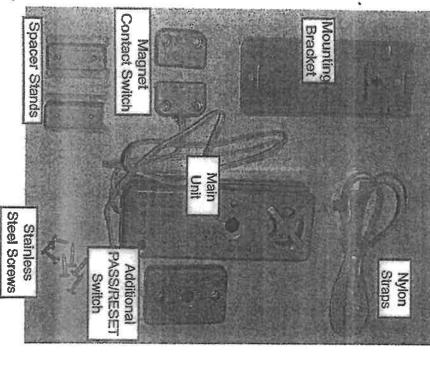
Install the unit at minimum height 54", high enough to be out of reach of children

Keep the distance between the two pieces magnet sensor contacts to a maximum of 3/4"

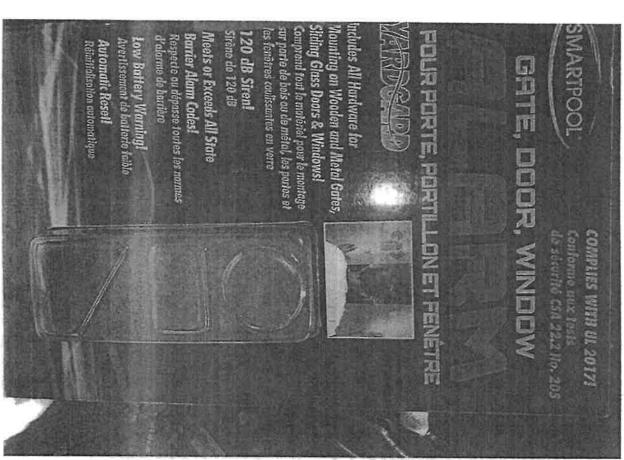
Test the unit by opening the door.

The alarm should go off immediately. Otherwise contact SmartPool Inc. at 877-799-7665.

Do not rely on the alarm until the test results are satisfactory.



ij



Slows

JXi HEATER POOL & SPA HEATER



Jandy Pro/Series

> JXi[™] POOL & SPA HEATER

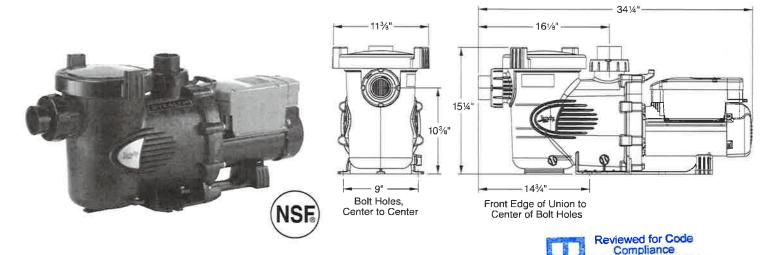
Ultra-Compact Lightweight Design Easy to Install





Technical Specifications

ePump™ Variable Speed Pumps



Part No.	Description	HP
JEP1.5	ePump Variable Speed Pump	1.5 HP
JEP2.0	ePump Variable Speed Pump	2.0 HP

Replacement Motor Guide		
Pump Model A.O. Smith/Century		
JEP2.0	M48A40D58	
JEP1.5 M48A42D58		

ePump Specifications

			Full Rated Pumps			
Model No.	НР	Voltage	Watts	Pipe Size	Carton Weight	Overall Length
JEP1.5	0.25-2.2	208-230VAC	2,100 W	2½-3"	71.5 lbs.	34¼"
JEP2.0	0.25–2.7	208-230VAC	2,300 W	2½-3"	71.5 lbs.	34¼"

When installing the pump, leave a minimum of 2 ft. of clearance above the pump for removal of strainer basket.

Recommended Minimum Wire Size For ePump Series Pumps*					
Distance from Sub-panel 0–50 Feet 50–100 Feet 100–150 Feet 150–200 Fe					
Model	Branch Fuse AMPS Class: CC, G, H, J, K, RK, or T	Voltage	Voltage	Voltage	Voltage
	230 VAC	208-230 VAC	208-230 VAC	208-230 VAC	208-230 VAC
JEP2.0	20A	12	10	8	6
JEP1.5	20A	12	10	8	6

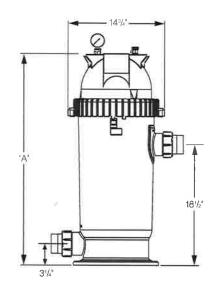
^{*}Assumes three (3) copper conductors in a buried conduit and 3% maximum voltage loss in branch circuit. All National Electrical Code (NEC) and local codes must be followed. Table shows minimum wire size and branch fuse recommendations for typical installation per NEC.



Technical Specifications

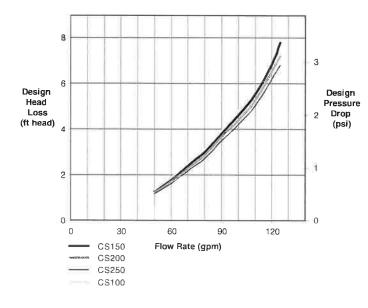
CS Series Filters





Part No.	Description	Size
CS100	CS Cartridge Filter	100 Sq. Ft.
CS150	CS Cartridge Filter	150 Sq. Ft.
CS200	CS Cartridge Filter	200 Sq. Ft.
CS250	CS Cartridge Filter	250 Sq. Ft.

CS Filter Head Loss Curves



Specifications and Dimensions, CS Series Filters					
Model No.	CS100	CS150	CS200	CS250	
Filter Area	100 ft ²	150 ft²	200 ft ²	250 ft²	
Design Flow Rate	1 gpm/ft²	.85 gpm/ft²	.625 gpm/ft²	.5 gpm/ft²	
Maximum Flow	100 gpm	125 gpm	125 gpm	125 gpm	
Six (6) Hour Capacity	36,000 gallons	45,000 gal- lons	45,000 gallons	45,000 gal- lons	
Eight (8) Hour Capacity	48,000 gallons	60,000 gal- lons	60,000 gallons	60,000 gal- lons	
Normal Start Up Pressure	6-15 psi	6-15 psi	6-15 psi	6-15 psi	
Max. Working Pressure	50 psi	50 psi	50 psi	50 psi	
Cartridges Required	1	1	1	1	
Shipping Weight	28 lbs.	28 lbs.	34 lbs.	36 lbs.	
Height ('A')	323/8"	32%"	42½"	42½"	

www.ZodiacPoolSystems.com

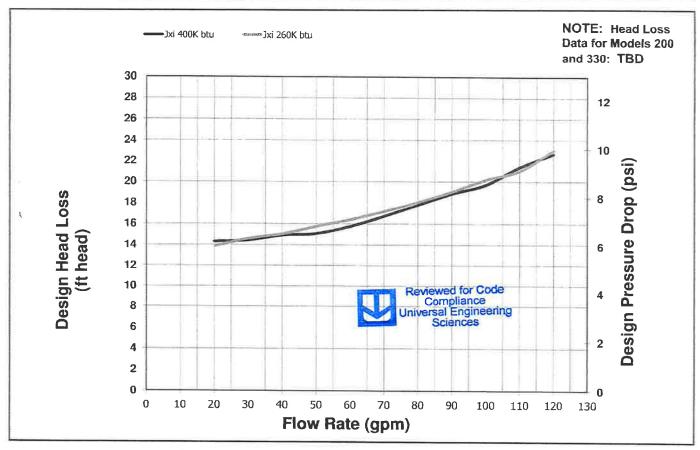


Figure 14. Head Loss Chart

5.3 **Plumbing Connections**

The heater has a standard 2 inch water header and coupling design. With this feature, only nominal two inch PVC or CPVC may be connected to the heater. However, by installing the appropriate pipe adapters and two (2) short pieces of two-inch plastic pipe (supplied by the installer), any size existing pipe may be fitted to the heater.

Optional Water Inlet Piping

The water inlet can be piped in one of two possible configurations. The heater comes with a Zodiac® Sweep Elbow for increased hydraulic performance and efficiency. The sweep elbow also provides the advantage of its exclusive interface with the Zodiac AquaLink® RS temperature sensor. The sweep elbow may be installed in the top inlet connection, and the cap and plug with O-ring installed to close off the unused side port (see Figure 15). This configuration may be preferred for Versa Plumb® piping to mating components

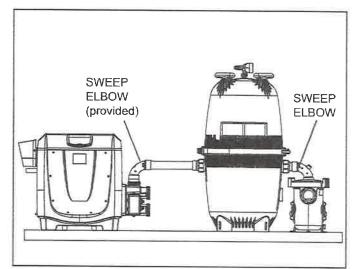


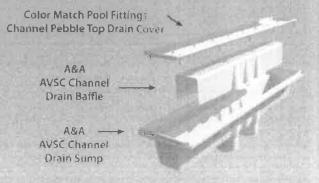
Figure 15. Top Inlet Piping Using the Versa Plumb Sweep Elbow

VGB UNBLOCKABLE CHANNEL PEBBLE TOP DRAIN COVER

Only One Drain Cover Needed

Patent #5 6,209 586 / 6,340 035 / 6,557,588

EATURES



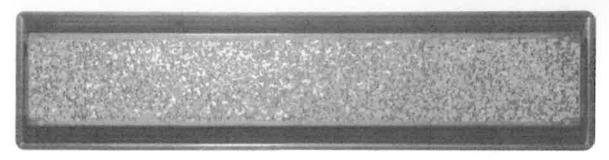
This new Unblockable Channel Pebble Top Drain Cover is designed with our Pebble Top Technology that adheres the same plaster, aggregate, or tile being applied to the pool, directly to the top of the drain cover to virtually disappear into your pool floor.

Channel Pebble Top Drain Cover

- Fits with A&A AVSC Channel Drain (sold separately).
- Safety Engineered: VGB, ANSI/APSP 16-2001 and NSF/ANSI 50-2009a Compliant
- Flow Rates: Single inlet 200 GPM; Dual inlet 208 GPM
- Manufactured from superior UV-Resistant ABS
- Available in 7 designer colors
- Proudly made in the USA

A&A AVSC Channel Drain (sold separately)

- · Unblockable design
- · Large Opening for debris removal
- · Available in Single and Dual Inlet
- Save money: with dual inlet design you can use one AVSC Drain for two pumps
- Perfect for pools, spas, negative/vanishing edges, fountains, and water features
- · Optional Hydrostatic Valve connection



Color Options

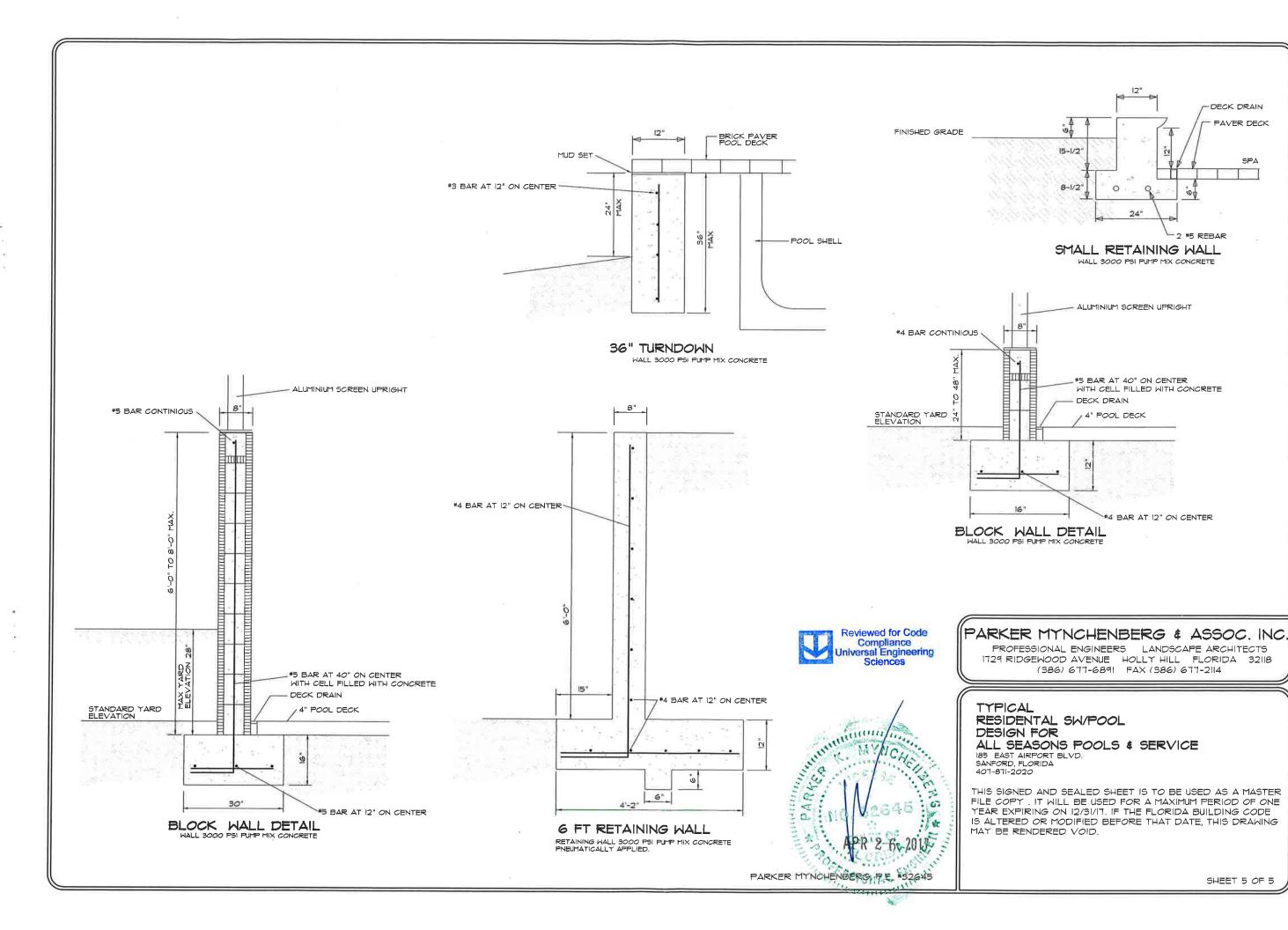












Job Name: Landram # 8606	Determine Simplified TDH:	
Swimming Pool Efficiency Compliance Information NOTE: These Requirments Apply ONLY to the Filtration Pump	Trunk Skimmer &	fps max at 234 gpm System Flow Rate.
ANSI/APSP/ICC-15-2011 Flow Calculation: Pool water volume 7,189 ÷ 360 = 36 gpm - this is the calculated flow rate. Note: for pools under 13,000 gals. the calculated flow rate or 36 gpm whichever is greater = the filtration flow rate.		ps max at 146 gpm System Flow Rate.
Is there an Auxillary load on the filtration pump? YES NO If so, what in the calculated flow rate75 gpm.	Filtration Pump: JEP VS 1.5 HP	laximum Flow Rate 145 gpm
Flow Rate (low speed) 68 gpm @ 1725 rpm. Minimum suction side pipe size @ 6 fps 2.0 in. Minimum suction side branch pipe size @ 6fps 2.0 in. Minimum return side pipe size @ 8 fps 2.0 in. Minimum suction side branch pipe size @ 6fps 2.0 in.	Determine the Number and Type of Required In-Flow Suction Ou Check all that apply.	Main Drain Cover: VGB CHANNEL
Determine Filter Size: Filter Factors (GPM/SF): Cartridge (0.375) DE (2.0) Sand (15)	D D D 3 suction outlets B Compliance Universal Engineering	gpm max. flow
Filter Size: 75 / .375 = 200 (Flow Rate) CS 250 (Filter Fact) (Filter Make & Model)	Total Head in Conversion Chart Inches Mercury (Vacuum Gauge)	Flow and Friction Loss Per Foot Schedule 40 PVC Pipe Valocity - Feet Per Second
Filtration pump has no auxiliary load - standard time clock Filtration pump with auxiliary load - Control model for low speed default whithin 24 hr. JXI 400 LP	0 2 4 6 6 10 12 14 16 18 0 0.0 2.3 4.6 6.8 9.1 11.3 12.6 15.8 19.1 20.3 1 2.3 4.6 6.8 9.1 11.4 30.6 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.2 21.4 22.7 28.0 3 6.9 9.2 11.8 13.7 18.0 18.2 20.4 22.7 28.0 4 9.2 11.8 13.9 10.0 18.3 30.5 22.8 25.1 27.3 29.0 5 14.8 13.6 16.1 10.3 20.6 22.8 26.1 27.4 29.6 31.9 6 13.9 16.1 10.3 20.0 22.9 28.2 27.0 29.7 31.9 34.2	Pipe Size 6 fps 8 fps 10 fps 1" 16 gpm 0.14" 21 gpm 0.23" 28 gpm 1.5" 37 gpm 0.08" 50 gpm 0.14" 62 gpm 2" 62 gpm 0.06" 82 gpm 0.10" 103 gpm 2.5 86 gpm 0.05" 117 gpm 0.09" 146 gpm 3" 136 gpm 0.04" 181 gpm 0.07" 227 gpm 4" 234 gpm 0.03" 313 gpm 0.05" 392 gpm 6" 534 gpm 0.02" 712 gpm 0.03" 392 gpm
Heater Model: 3XI 400 EF Gas Heater efficiency rating 95 Heat Pump efficiency C.O.P. (No Pilot Light)	7 162 19.4 20.7 28.0 25.2 77.6 20.7 22.0 24.3 36.6 38.8 10.5 20.3 13.0 25.3 27.6 20.8 32.0 24.3 36.6 38.8 20.8 20.8 23.1 25.3 27.6 20.8 32.1 34.3 36.6 38.8 10.0 10.0 12.1 12.4 27.6 28.9 32.1 34.3 36.7 36.0 38.0 41.1 10.0 12.1 12.4 27.7 29.9 32.2 34.5 36.7 39.0 41.2 43.4 43.5 45.8 48.1 10.1 11. 25.4 27.7 29.9 32.2 34.5 36.7 39.0 41.2 43.5 45.8 48.1 10.1 13. 30.0 32.3 34.6 38.8 38.8 38.1 41.3 43.5 45.9 48.1 48.1 10.1 13. 30.0 32.3 34.6 38.8 38.1 41.3 43.5 45.9 48.2 10.4 62.7 14.1 32.3 34.6 36.9 38.1 41.4 43.5 45.9 48.2 10.4 52.7 18.0 18.8 38.8 38.8 38.8 48.1 48.8 48.2 60.5 52.7 86.0	For each pump -Check One. Simplified Total Dynamic Head (STDH) Complete STDH Worksheet - Fill in all blanks
ANSI 5 & ANSI 7 Compliance Work Sheet Determine Simplified TDH: 1. Distace from pool to pump in feet: 28	U 10 37.0 39.2 41.5 43.7 48.0 48.1 10.8 67.8 68.0 57.8 17 30.3 41.6 43.8 46.1 48.5 50.6 52.8 15.1 57.4 54.6 19 18 41.8 43.8 46.1 48.4 50.6 52.9 55.1 57.4 59.7 62.0 64.2 10 10 43.0 46.2 48.4 80.7 62.0 55.2 67.4 59.7 62.0 64.2 10 20 40.2 48.5 60.7 53.0 53.2 57.5 53.8 62.0 46.3 66.5 63.9 53.1 57.6 62.0 64.2 10 22 50.9 53.1 50.3 77.6 69.8 62.1 64.3 66.5 63.9 62.2 50.9 53.1 50.3 77.6 59.9 62.1 64.4 68.5 68.9 71.2 62.3 53.1 88.4 67.7 59.9 62.1 64.4 68.5 68.9 71.2	Total Ovnamic Head (TDH) Complete Program or other calcs Fill in required blanks on worksheet & attach calculations Maximum Flow Capacity of the new or replacement pump
2. Friction Loss (in suction pipe) in 3 Inch pipe per 1 ft. @ 181 gpm = .07 (from pipe flow friction loss chart) 3. Friction Loss (in return pipe) in 2.5 Inch pipe per 1 ft. @ 146 gpm = .13 (from pipe flow friction loss chart)	0 51.8 00.0 62.7 04.5 66.7 69.0 71.3 73.5 75.8 75.1 26 51.8 00.0 62.7 94.5 66.8 69.1 71.3 73.5 75.8 75.1 26 50.1 02.3 64.6 66.8 69.1 71.4 73.5 75.9 76.1 80.4 77.4 73.7 75.9 76.2 76.1 80.4 77.4 73.7 75.9 76.2 76.1 80.4 77.4 73.7 75.9 76.2 76.1 80.4 77.4 73.7 75.9 76.2 76.1 76.0 76.2 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	ALL SEASONS POOL SERVICE, INC. 185 EAST AIRPORT BLVD BANFORD, FLORIDAG
Determine Simplified TDH: TDH in Piping:	10	EXPIRES DECEMBER 31, 2017
5. (Length of Return pipe) (Ft of head / 1 ft of Pipe) (TDH Return Pipe) Total Dynamic Head (TDH): 9.6	NOTE: Field TDH Must be Equal to or Heigher Than the Calculation TDH	JAI () 4 2017

Plumbing Sizes

Pool & Spa Main Branch Lines 4" Pipe

Pool Main Drain & Spa Main Drain Trunk Lines Are 3" Pipe

Pool Return & Spa Therapy Trunk Lines Are 2.5" Pipe

Project Notes:

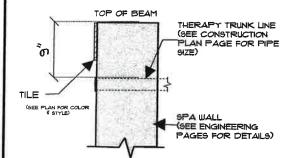
Pool Deck Will be Screen Enclosed

Pool Will Have Caretaker System

Home Will Have 6 door and window alarms

30" PVC at Return Valve for Salt Cell

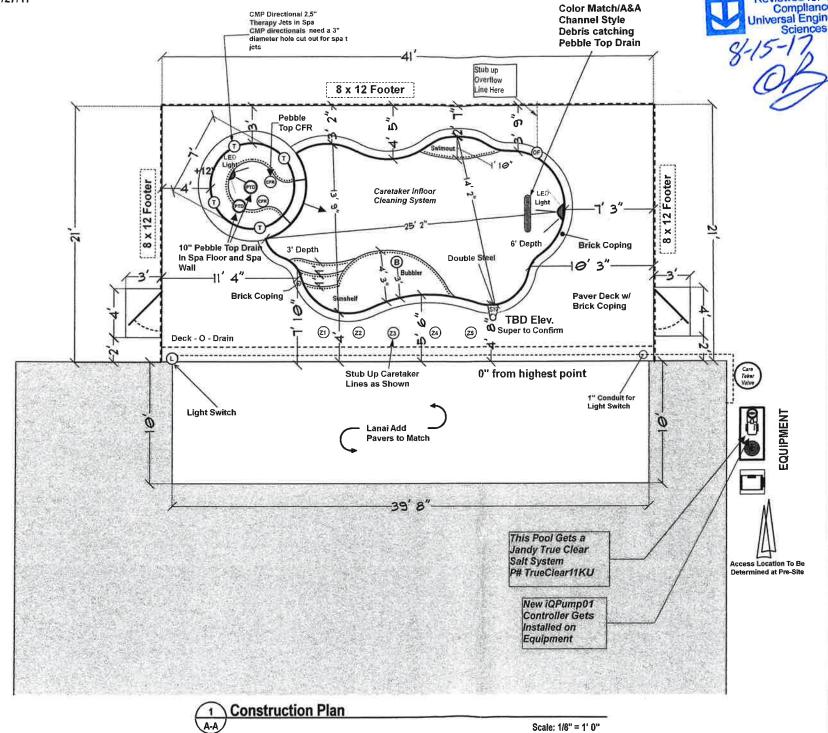
CMP DIRECTIONALS NEED A 3" DIAMETER HOLE CUT OUT FOR SPA T JETS THERAPY TRUNK LINES
ARE 9" FROM
TOP OF BEAM TO
TOP OF TRUNK LINE



SPA THERAPY JET TRUNK HEIGHT

SECTION Not to 5

ORIGINAL: 07/27/17



Finish Pool Depth Profile

Ooder 3ft. 4ft. 6ft. 6ft. 6ft. Customer Inf.

Pool Specifications

PERIMETER: 68'	AREA: 264 sqft
WIDTH: 13' 6"	LENGTH: 25' 1"
DEPTH: 3'	X 6'
M.D: 1 - 4"	RTNS: Caretaker 11 heads
SKIM: <u>1 - 3"</u>	LIGHT: LED
DOUBLE STEEL: Yes	P.C.: <u>N/A</u>
WELL WATER: N/A	GALLONS: 7,189
NOTES:	

SPA Specifications

STYLE: Round	
AREA: 38'	PERM: 22'
T-JETS: 4	RTNS: 2 - CFR
LIGHT: <u>LED</u>	M.D: <u>2</u> - 3"
SPILLWAY: 4'	TYPE: tile
HEIGHT: +12"	BLOWER: 1 HP
NOTES:	

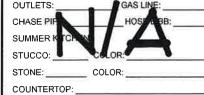
Tile Specifications

+30" _

DECK JETS: N/A	BUBBLER: SUNSHELF
SHEERS: N/A	
STEP TILE: 42 LNFT	
FACE TILE: 146 LNFT	

+36" -

Misc. Options



Screen / Fence

Screen / F	ence
ROOF SQ: 861 SQFT	TYPE: DOME
WALL SQ: 747 SQFT	WALL HGT: 9'
ELITE ROOF: N/A	FAN BEAM: N/A
SCREEN COLOR: BRON	NZE
KICKPLATE: N/A	
FENCE TYPE: N/A	HGT: N/A
LENGTH: N/A	COLOR: N/A
GATES: N/A	-

Deck Specifications

		THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
YPE: Paver De	ck w/ Brick	Coping
IMENSIONS: 21' x 41'		AREA: 516 sqft
00TER: <u>83' 12</u>	x12	COPING: 110'
RAIN: 41'	_CONCR	ETE RISER: 40'
ATIO: 397 sqft		FENCE: N/A
URN DOWN D	ECK EDG	<u>E:</u>
ô" <u></u>	+12"	+18"
24"	+30"	+36"
OTES:		

Equipment

PUMP: <u>JEP VS</u>	HP: <u>1.5</u>
FILTER: CS	SQ: <u>250</u>
PUMP 2: <u>N/A</u>	HP: N/A
CHLOR: TC 11 KU	OZONE: N/A
POOL SWEEP: N/A	
HEAT PUMP: N/A	
GAS HEATER: JXI 400	TYPE: LP
CONTROLS: iQPump01 /	Standard
i	
AUTOFILL & DRAIN <u>N/A</u>	
NOTES: Door and window	alarms (6)

Color Selections

POOL: Quartz Bone Gem	
TILE: Lauderdale Tile Storm OA-60	
TILE GROUT: Cocoa	
STEP TILE: Mastertile VALTOBLU MOS2	
STEP TILE PTRN: Diamonds 12" spacing	
DECK COLOR: Cream / Beige / Charcoal	
DECK PTRN: 3 pc random	
COPING: Cream / Beige / Charcoal	
COPING GROUT: Pale Umber	
FLOORHEAD: White	
DECK DRAIN: Tan	

Site Specifications

DIG TYPE: Dig & Haul /	Shuttle
ELEVATION: TBD	YARDS: 21
NOTES:	

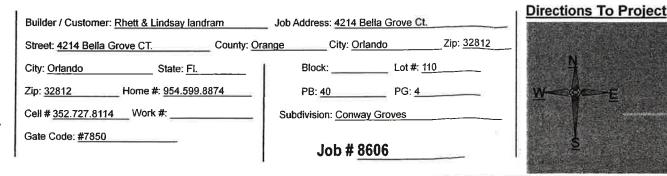
Designer

DESIGNER: Preston Dewey
CONTRACT DATE: <u>07/21/17</u>
APPROVED BY: Samantha Young
DATE: 07/26/17



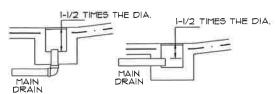
If You Have A Backyard, We Can Put A Pool

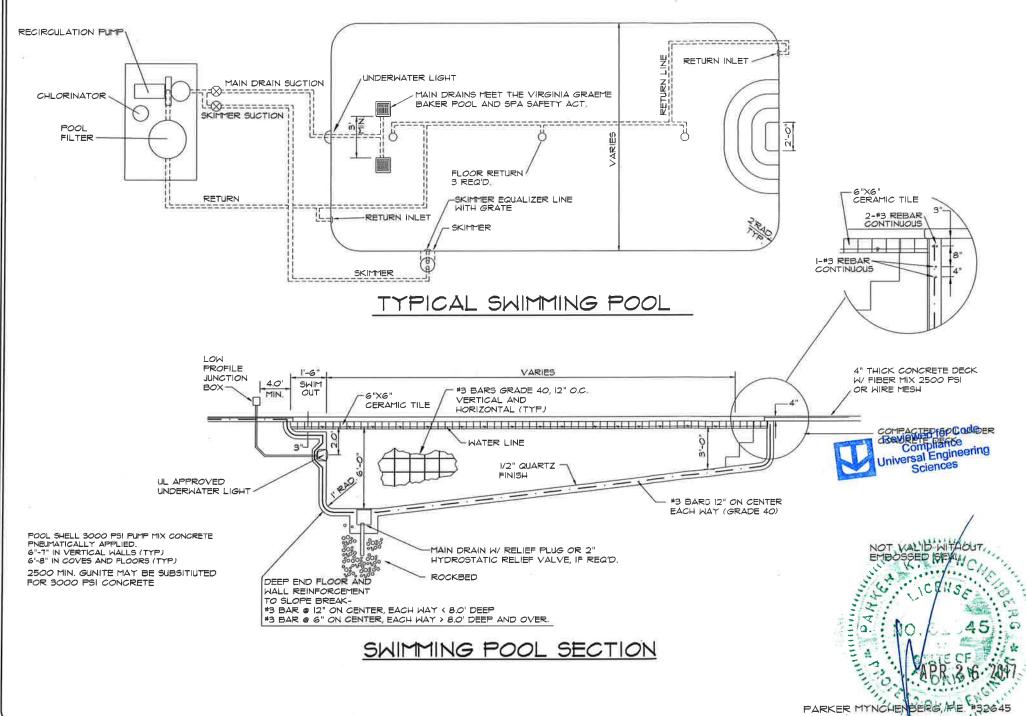
185 E Airport Blvd,Sanford, FL 32773 407-871-2020 www.AllSeasonsPools.com



JOB SPECIFIC PIPE SIZING, TOTAL DYNAMIC HEAD CALCULATIONS AND EQUIPMENT SPECIFICATIONS AND DOCUMENTATION ARE TO BE PROVIDED BY THE POOL CONTRACTOR FOR EACH PROJECT. THE POOL CONTRACTOR MUST USE THE MAXIMUM FLOW CAPACITY OF THE SELECTED PUMP AND PROVIDE HYDRAULIC CALCULATIONS FOR TDH TO DETERMINE PROPER PUMP AND PIPING SIZING. THE MANUFACTURER'S EQUIPMENT SPECIFICATIONS AND OTHER DOCUMENTATION FOR PUMPS, FILTERS, HEATER EQUIPMENT AND MAIN DRAINS AND COVERS ARE TO BE SUBMITTED FOR REVIEW AND DOCUMENTATION FOR SIZING THE CIRCULATION SYSTEM.

THE MAIN DRAIN PIPE INVERT NEEDS TO BE 1.5 TIMES THE DIAMETER DOWN FROM THE TOP OF THE MAIN DRAIN GRATE TO THE TOP OF THE MAIN DRAIN PIPE, IF THE PIPE COMES IN VERTICAL TO THE MAIN DRAIN BOX. IF THE MAIN DRAIN BOX IF THE MAIN DRAIN BOX HORIZONTALLY, THE COVER FROM THE TOP OF THE GRATE TO THE TOP OF THE MAIN DRAIN PIPE NEEDS TO BE 1.5 TIMES THE DIA, OF THE MAIN DRAIN PIPE.





GENERAL NOTES:

- POOL IS TO BE BUILT TO COMPLY WITH FLORIDA,
- COUNTY AND CITY BUILDING CODES.

 2. ALL METAL PARTS WITHIN 5 FT. WILL BE GROUNDED AS PER NATIONAL ELECTRIC CODE AND AS REQUIRED BY LOCAL INSPECTOR.
- 3, FILTRATION SYSTEM WILL HAVE SUFFICIENT CAPACITY TO PROVIDE A COMPLETE TURNOVER OF POOL WATER IN (12) TWELVE HOURS OR LESS,
- 4. POOL CONSTRUCTION TO BE THE SAME REGARDLESS
 OF SIZE AND SHAPE, IF FILL IS REQUIRED FOR 2 FT. TO
 4 FT. OF WALL HEIGHT THEN WALLS HAVE TO BE
 REINFORCED WITH ADDITIONAL STEEL (8" O.C. BOTH WAYS)
 AND/ OR EXTRA WALL THICKNESS (8" TO 10")
 5. ALL PVC PIPE WILL BE SCHEDULE 40.
- 5. ALL PVC PIPE WILL BE SCHEDULE 40. 6. ALL METAL FIXTURES AND POOL LIGHTS TO BE BONDED.
- 6. ALL METAL FIXTURES AND POOL LIGHTS TO BE BONDE! TO POOL STEEL AND GROUND WIRE.
- 7. POOL ALARMS DO NOT NEED TO BE HARDWIRED
- 8. SOIL CONDITIONS AT POOL LOCATION ARE ASSUMED TO BE ADEQUATE FOR A SINGLE FAMILY DWELLING.
- 9. TERMITE CONTROL WILL BE APPLIED UNDER ALL POOL DECKS.
- 10. ALL PUMPS AND FILTERS WILL BE ANCHORED TO A CONCRETE PAD WITH TAP CON ANCHORS.
- II. ALL POOL AND SPA SUCTION INLETS SHALL BR PROVIDED WITH A COVER THAT HAS BEEN TESTED AND ACCEPTED BY A RECOGNIZED TESTING FACILITY AND COMPLY WITH A.N.S.I./A.SM.E. AII2.I4, 8M, "SUCTION FITTINGS FOR USE IN AMMING POOLS, SPAS, HOT TUBS, AND WHIRLPOOLS BATHTUB APPLIANCES"
- 12. THE POOL DESIGN WILL MEET CHAPTERS 42 AND 45 OF THE 2014 FLORIDA BUILDING CODE 5TH EDITION.
- IS. RESIDENTIAL POOLS MUST COMPLY WITH CHAPTERS 42 AND 45 OF THE 2014 FLORIDA BUILDING CODE 5TH EDITION.
- 14. POOL CONSTRUCTION WILL MEET 2011 NATIONAL ELECTRIC CODE. SEE 680.26 (B)(2)(b) FOR PERIMETER BONDING USING AT LEAST ONE(1) *8 AWG BARE SOLID COPPER CONDUCTOR.
- IS, FOR RESIDENTIAL POOLS UP TO A WATER DEPTH OF 8'-0" #3 REBAR 12" O.C.B.M. OVER 8'-0"; SPECIAL ENGINEERING IS REQUIRED AND IS NOT A PART OF THIS DRAWING SPECIFICATIONS. WALL THICKNESS SHALL PROVIDE CODE COVER OVER REINFORCING, FOR OVER 8'-0" A SPECIAL DESIGN WILL BE REQUIRED.
- IG. RESIDENTIAL POOLS SHALL COMPLY WITH THE ANSI/APSP/ICC-5 2011 FOR RESIDENTIAL INGROUND POOLS, ANSI/APSP/ICC-3 2014 FOR PERMANENTLY INSTALLED RESIDENTIAL SPAS, AND ANSI/APSP/ICC-T 2013 FOR SUCTION ENTRAPHENT AVOIDANCE STANDARDS.
 AND ANSI/APSP/ICC-15A 2013 STANDARD FOR RESIDENTIAL SHIMMING POOL AND SPA ENERGY EFFICIENCY
- 17. DO NOT USE OR OPERATE POOL OR SPA IF THE SUCTION FITTING IS MISSING, BROKEN, OR LOOSE,
- 18. IF THE SUCTION INLET SYSTEM, SUCH AS AN AUTOMATIC CLEANING SYSTEM, IS A VACUUM CLEANER SYSTEM WHICH HAS A SINGLE SUCTION INLET, OR MULTIPLE SUCTIONS INLETS WHICH CAN BE ISOLATED BY VALVES, THEN EACH SUCTION INLET SHALL PROTECT AGAINST USER ENTRAPMENT BY EITHER AN APPROVED ANTI-VORTEX COVER, 12" X 12" GRATE OR LARGER, OR OTHER APPROVED MEANS.

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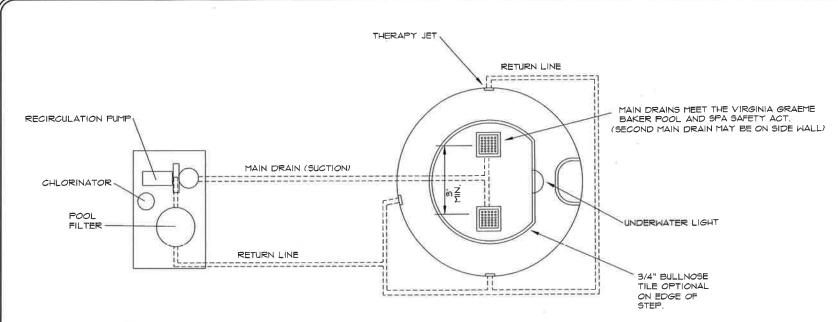
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1729 RIDGEWOOD AVENUE HOLLY HILL FLORIDA 32118
(386) 677-6891 FAX (386) 677-2114

TYPICAL
RESIDENTAL SW/POOL
DESIGN FOR
ALL SEASONS POOLS & SERVICE
185 EAST AIRPORT BLVD.
SANFORD, FLORIDA

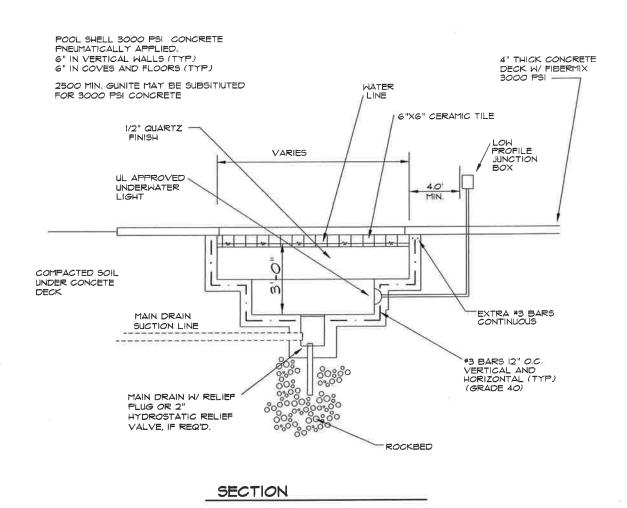
407-871-2020

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SHEET | OF 5

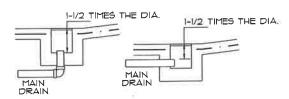


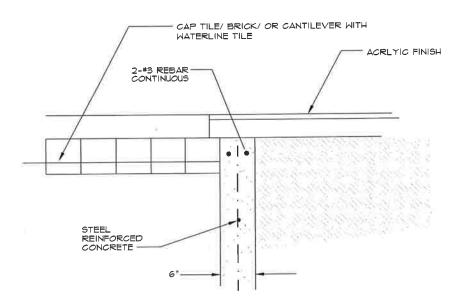
TYPICAL SPA POOL - 2 MAIN DRAINS ON FLOOR



THE MAIN DRAIN PIPE INVERT NEEDS TO BE 1.5 TIMES THE DIAMETER DOWN FROM THE TOP OF THE MAIN DRAIN GRATE TO THE TOP OF THE MAIN DRAIN PIPE, IF THE PIPE COMES IN VERTICAL TO THE MAIN DRAIN BOX.

IF THE MAIN DRAIN PIPE COMES INTO THE MAIN DRAIN BOX HORIZONTALLY, THE COVER FROM THE TOP OF THE GRATE TO THE TOP OF THE MAIN DRAIN PIPE NEEDS TO BE 1.5 TIMES THE DIA. OF THE MAIN DRAIN PIPE.





DECK AND TILE DETAIL



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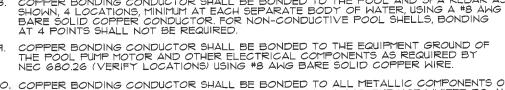
185 EAST AIRPORT BLVD. SANFORD, FLORIDA 407-871-2020

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SHEET 2 OF 5

POOL BONDING NOTES:

- EQUIPOTENTIAL BONDING OF PERIMETER SURFACES REQUIRES A COPPER CONDUCTOR; MINIMUM #8 AWG BARE SOLID COPPER CONDUCTOR WHICH FOLLOWS THE CONTOUR OF THE PERIMETER SURFACE OF THE POOL FROM 18" TO 24" FROM THE INSIDE WALLS OF THE POOL AND WHICH IS SECURED WITHIN OR UNDER THE PERIMETER SURFACE 4" TO 6" BELOW SUBGRADE. THE PERIMETER BONDING SHALL BE ATTACHED TO THE POOL REINFORCING SHELL AT A MINIMUM OF 4 POINTS UNIFORMLY SPACED AROUND THE PERIMETER OF THE POOL.
- 2. ALL UNDERGROUND OR UNDER SLAB CONNECTIONS SHALL BE BY LISTED MEANS PER NEC 250.8. BONDING CABLES UNDER SLAB SHALL BE PLACED AT THE BOTTOM OF EXCAVATION.
- 3. WHEN REBAR IS UTILIZED FOR THE CONSTRUCTION OF PLANTERS AND FOOTERS ADJACENT TO THE POOL (WITHIN 5 FT), THIS REBAR SHALL BE BONDED USING #8 AWG BARE SOLID COPPER CONDUCTOR BY LISTED MEANS PER NEC 250.8 TO THE BONDING CONDUCTOR.
- 4. LOCATION OF COPPER BONDING CONDUCTOR, BONDING JUMPERS, AND CONNECTIONS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL FIELD ROUTE TO DETERMINE EXACT LOCATION. BONDING CONDUCTOR SHALL CONFORM TO THE SHAPE OF THE POOL WILLE MAINTAINING SMOOTH RADIAL CURVES NO 90° RADIUS SHALL BE PERMITTED.
- 5. RESISTANCE OF THE GROUND SYSTEM SHALL NOT EXCEED 25 OHMS.
- 6. IF REQUIRED, ALL GROUND RODS SHALL BE 5/8" COPPER CLAD STEEL, 8' LONG AND DRIVEN TO A DEPTH OF 28" BELOW FINISHED GRADE, MINIMM, AND WHERE USED SHALL BE BONDED USING #8 AWG BARE SOLID COPPER CONDUCTOR BY LISTED MEANS PER NEC 250.8 TO THE BONDING CONDUCTOR.
- 7. SPECIAL CASES MAY INCLUDE, BUT ARE NOT LIMITED TO, VANISHING EDGE POOLS, POOLS WITH PERIMETERS OF VARYING (VERTICAL) GRADES, DIMINISHED PERIMETER SURFACES LIKE EDGE PLANTERS, STOP/RETAINING WALLS, AND ZERO-LOT LINES. IN THESE CASES, THE BONDING CONDUCTOR SHALL BE INSTALLED IN ACCORDANCE WITH NEC 680.26, NOTE I (ABOVE), AND DIRECTION FROM THE AUTHORITY HAVING JURISDICTION (AHJ). THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE BONDING WITH THE AHJ IN THE DETERMINATION OF ITSTYPICAL APPLICATION OF THE NEC.

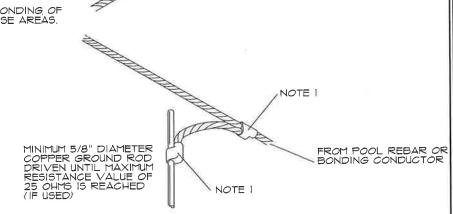


COPPER BONDING CONDUCTOR SHALL BE BONDED TO THE POOL AND SPA REBAR AS

IO. COPPER BONDING CONDUCTOR SHALL BE BONDED TO ALL METALLIC COMPONENTS OF THE POOL AND SPA AND THE METAL STRUCTURES, INCLUDING, BUT NOT LIMITED TO, ALL HANDRAILS, DIVING BOARDS, AND LADDER GRABRAILS IN THE POOL AND SPA AND AND INCLUDE ALL METAL WIRING AND ALL FIXED METAL PARTS THAT ARE WITHIN 5 FT. HORIZONTALLY OF THE INSIDE WALL OF THE POOL (SPA) AND 12 FT VERTICALLY ABOVE THE MAXIMUM WATER LEVEL OF THE POOL USING #8 AWG BARE COPPER WIRE.

I. ALL POOL AND SPA LIGHTING NICHES SHALL BE BONDED TO POOL AND SPA REBAR PER NEC 680. THE COPPER BONDING CONDUCTOR SHALL BE BONDED TO THE REBAR AT BOTH THE POOL AND THE SPA, PER NOTE 8, ABOVE, WHICH SHALL, IN TURN, PROVIDE BONDING OF THE LUMINAIRE NICHES.

12_ ELECTRICAL CONTRACTOR SHALL CALL FOR THE INSPECTION OF THE BONDING OF THE POOL AND ITS PERIMETER SURFACES PRIOR TO COVER-UP OF THESE AREAS.



FROM POOL OR APPARATUS

BONDING CONDUCTOR

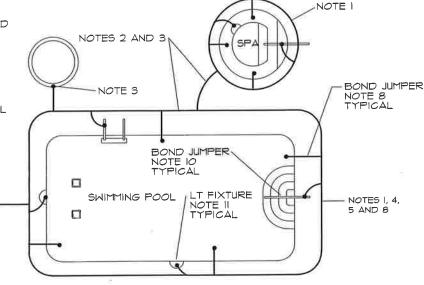
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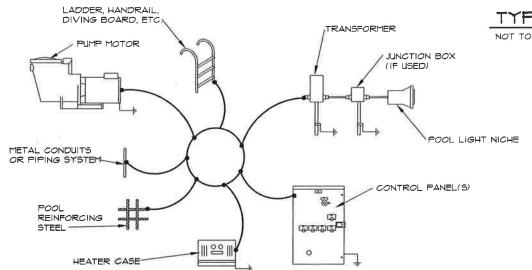
TYPICAL BONDING TYPES

NOT TO SCALE

NOTES

1. SPLICES (WELDED OR MECHANICAL) SHALL BE PERFORMED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.





TYPICAL POOL BONDING SCHEMATIC

NOT TO SCALE

SCHEMATIC NOTES:

1. THE EQUIPOTENTIAL BONDING OF ALL CONDUCTIVE POOL SHELLS, PERIMETER SURFACES, METALLIC COMPONENTS, UNDERWATER LIGHTING, METAL FITTINGS, ELECTRICAL EQUIPMENT, AND METAL WIREWAYS/CONDUITS SHALL BE IN ACCORDANCE WITH NEC 680.26. OR, AS ACCEPTED BY THE AUTHORITY HAVING JURISDICTION (AHJ).

TYPICAL POOL BONDING PLAN

NOT TO SCALE

BOND JUMPER NOTE 9

TYPICAL

BONDING LEGEND

- BOND CONNECTION, PER NEC 250.8
- PARALLEL TAP CONNECTION, PER NEC 250.8 Reviewed UNDERGROUND BONDING CONDUCTOR, #8 AWAY TO THE COMPILE COMPILE COMPILE CONDUCTOR, #8 AWAY TO THE COMPILE COMPILE CONDUCTOR, #8 AWAY TO THE COMPILE COMPILE CONDUCTOR, #8 AWAY TO THE CONDUCTOR OF THE CONTROL OF THE



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SHEET 3 OF 5



