

City of Belle Isle SWIMMING POOL PERMIT 2018-03-040

PERMIT MUST BE POSTED ON SITE

Permit Number: 2018-03-040

Issue Date: 3/21/2018

Site Address: 3606 St Moritz St. 32812

Parcel Number: 17-23-30-4384-02-810

Subdivision: Description of Work: SPA ONLY > added to existing

Class: Residential

Issued To: MAJESTY POOLS & SPAS

Business Phone: 407 256-6867

Name: HICKEY, ROBERT J

Contractor License: CPC039928

Payment Date & Method:

/2018

□ Visa

□ Master Card

□ Amex □ Discover □ Check / Money Order

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

"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."

INSPECTOR	DATE	COMMENTS
	1	1
INSPECTOR	DATE	COMMENTS
INSPECTOR	DATE	COMMENTS
	INSPECTOR	INSPECTOR DATE INSPECTOR DATE INSPECTOR DATE

Inspection requests are to be emailed to BIDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 4pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811447
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Swimming Pool Permit Application

DATE: PERMIT# 2018-03 PROJECT ADDRESS 3606 St. Moritz St , Belle Isle, FL ____32809____32812 PROPERTY OWNER NAME David Kinnamon PHONE NUMBER Parcel Id Number: 17-23-30-4384-02-810 To obtain this information, please visit http://www.ocpafl.org/Searches/ParcelSearch.aspx SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific plan required to show compliance with zoning setbacks. Impervious Surface Ratio Worksheet required; see Page 2 of this application. PLANNING & ZONING APPROVAL: 3-27-18 AMIL FISHER Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required) Job Valuation: \$_50,000.00 WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement. **REQUIRED!** Residential Swimming Pool Safety Affirmation form

Building Official;

Verified Contractor's Licenses & Insurance are on file

(A) Date 3-01/18

NOCV

1% BCAIB Fee \$ 3.3 1.5% DCA Fee \$ 4

atal Barmit Fac \$ 57) H

ISTIK 25

Total Permit Fee \$_______

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 additional restrictions applicable to this property that rnay 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."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of 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 are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ELECTRICAL, PLUMBING, GAS, ENCLOSURES, ETC.

104250

Page 1 of 2



City of Belle Isle
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811448
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineeding.com

Swimming Pool Permit Application

DATE:	PERMIT # 2016-03-040
PROJECT ADDRESS 3606 St. Moritz St	Belle Isle, FL3280932812
PROPERTY OWNER NAME David Kinnamon	PHONE NUMBER
17-23-30 //38/ 02 810	nation, please visit http://www.ocpafl.org/Searches/ParcelSearch.aspr
SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROSED INTO ANY EASEMENT show compliance with zoning setbacks. Impervious Surface 8 dis Worksheet required	OR REQUIRED SETBACK. Survey specific plan required to i; see Page 2 of this application.
PLANNING & ZONING APPROVAL: Date: 3/27/12 By: 40 Fine Conflict with Your Beed Restriction	DATE
50,000,00	o record a Notice of Commencement may result in your recorded if job is \$2500(+) or if A/C Replacement \$7500(+), consult with your lender or an attorney before recording
Building Official: Date	Zoning Fee \$ Building Fee \$ Review Fee \$ 1% BCAIB Fee \$
Verified Contractor's Licenses & Insurance are on file Date	1.5% DCA Fee \$

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 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."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of 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 are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Fallure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ELECTRICAL, PLUMBING, GAS, ENCLOSURES, ETC.



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL32811 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Swimming Pool Permit Application

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

PERMIT #

the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4)

= cubic feet of storage volume needed

David Kinnamon Owner's Name

Owner's Address 3606 St. Moritz St

License Holder Name Robert Hickey	Company Name DBA Majesty Pools & Spa
License # CPC039928	Company Address 545 Bison circle
Contact Phone/Cell 407-256-6867	city, State, ZIP Apopka FL, 32712
Contact Email Hickeypools@yahoo.com	Contact Fax

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and /or ordinances. Application is hereby made to obtain a permit to do the 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 will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ELECTRICAL, PLUMBING, GAS, SCREEN ENCLOSURES, ETC.

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 regulation
The foregoing instrument was acknowledged before me this 3 /// DOI 8 by David Kinnamon who is personally known to me and who produced as identification and who did not take an oath. Notary as to Owner State of Florida County of Orange PAMELA D. OWENS Commission # FF 178052 Expires November 19, 2018 Contractor Signature COMPANY NAME DBA Majesty Pools & Spas The foregoing instrument was acknowledged before me this 3 // DOI 8 by Robert Hickey who is personally known to me and who produced NA	Impervious Surface Ratio Worksheet Development Zoned A-1. A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio 1. Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area 11152/66 X 0.35= Allowable Impervious Area (BASE) 3936 1431 2. 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 2574 197 Driveway 632 Walkway 250 Accessory Buildings 2579 Pool & Spa 364 Deck & Patio 290 Other
as identification and who did not take an oath. Notary as to Owner State of Florida County of Orange PAMELA D. OWENS Commission # FF 178052 Expires November 19, 2018	 Actual Impervious Area (AIA) 4 1 2 2 7 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. If AIA is greater than BASE, then onsite retention must be provided. Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40).

Permit Number:	
Folio/Parcel ID #:	DOC# 20180157073 - 03/19/2018 02:54:46 PM Page 1 of 1
Prepared by Podricia Brust	5 F #10 00
1 (opanou a). 1 (M1.1.2.2.2.10)	Phil Diamond, Comptroller
	Phil Diamond, Comptroller Orange County, FL MB - Ret To: ROBEET HICKEY
Return to: Robert Hickey	
545 Bison or	
Apopka FL. 32812	THE PROPERTY OF THE PROPERTY O
NOTICE OF COMMENCEMENT	
State of Florida, County of Orange	
The undersigned bereby gives notice that improvement will be	made to certain real property, and in accordance
with Chapter 713 Florida Statutes, the following information IS	provided in this Notice of Commencement.
4. Becariotics of property (local description of the property (and street address it available)
add CPA TO EXISTING POOL,	207281 LAKE CON WAY ESTATES SRC 5
2. General description of improvement	PLATBOOK 4 PAGE 112 Records Oracke Co,
Add SPATO POOL, & REFINISH POO	,
3. Owner information or Lessee information if the Lessee	contracted for the improvement
Address 3606 ST MohiTZ Bell	e isle FL.
Internet in Deposity	
Name and address of fee simple titleholder (if different f	from Owner listed above)
Name	
Address	
4. Contractor	T. I. Land Nicoland and Atlantics of the
Name ROBELT FICKEY MAjes	Ty Red Telephone Number 40725665
Address 545 BISON CIR. APOPICA F	132712 (\$ (Z)
Surety (if applicable, a copy of the payment bond is attached)	Telephone Number
Name	Amount of Bond \$
Address	
6. Lender	Telephone Number
Name	Telephone Number
Address	as upon whom notices or other documents may
7. Persons within the State of Florida designated by Own	too
be served as provided by §713.13(1)(a)7, Florida Statut	tes. Telephone Number
Name	Telephone Number
Address	following to receive a copy of the Lienor's
8. In addition to himself or herself, Owner designates the	Hollowing to receive a copy of the Library
Notice as provided in §713.13(1)(b), Florida Statutes.	Talanhana Number
Name	Telephone Number
Address	ation data will be 1 year from the date of recording
Expiration date of notice of commencement (the expiration date of notice of commencement)	ation date will be 1 year from the date of 1000 and 1000
unless a different date is specified)	Table to the control of the control

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager

Signatory's Title/Office

The foregoing instrument was acknowledged before me this 1 day of month/year name of person

as for _____

Type of authority, e.g., officer, trustee, attorney in fact

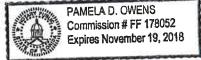
Name of party on behalf of whom instrument was executed

Signature of Notary Public – State of Florida

Frint, type, or stamp commissioned name of Notary Public

Personally Known OR Produced ID NA

Type of ID Produced



2018-03-040



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:_	3/1648	Address:_	3606	ST	monitz
I,	(print contractor's name)		, License	#	CPC639928
by a b	affirm that the pool will be isolated	quirements			dwelling AND from adjacent properties e 515.29 and the 2017 Florida Building
Check	the applicable barrier requirement	ents from	the follow	ing o	ptions and show on the site plan:
	The pool will be equipped with an a (Standard Performance Specification FBC R4501.17, Exception.				nat complies with ASTM F1346 mming Pools, Spas and Hot Tubs) per
	The pool will be isolated from accese FBC R4501.17.1.15.	ss by a mes	h safety ba	rrier t	hat meets the requirements of
	The pool will be isolated from access FBC R4501.17.1.11.	ss by a scre	en enclosur	e that	t meets the requirements of
	The pool will be isolated from accese FBC R4501.17.1.1 through 4501.17		e and pede	strian	gates that meet the requirements of
Does a	any part of the barrier consist of	dwelling v	walls whic	h con	tain doors or windows?
	Yes No If yes, th	nen check w	hich of the	three	options below are applicable:
					to the pool will be equipped with an 1) unless Exceptions a, b or c apply.
	All doors providing direct access fro self-latching devices installed 54" al FBC R4501.2.17.1.9, exception 2.	bove the th	reshold that	meet	
	A floating swimming pool alarm the be provided per FBC R4501.17.1.9(at meets & 3).	is independ	dently	certified of ASTM Standard F2208 will Reviewed for Code Compliance Universal Engineering Sciences
I unders	stand that the above indicated shall be in	istalled befor	e the time o	f pool	
R	(Contractor's Signature)		_b	94	(Property Owner's Signature)



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

POWER OF ATTORNEY

Date:	Permit #: 2018-03-	040
I hereby name and appoint Patricia Brust		of
DBA Majesty Pools & Spa	to be my lawful attorney-i	
(company name)	_	וו-ומכנ נט מכנ וט
me and apply to the City of Belle Isle Building Department for a _		permit
for work to be performed at the following location:	(type of permit)	,
3606 St. Moritz St	, Belle Isle, FL 🗀 32809	□32812 and
to sign my name and do all things necessary to this appointment.		
Certified Contractor's Printed Name: Robert	t Hickey	
License Number: CPC0399	928	=
Certified Contractor's Signature: Pulify/fi	les	=
The foregoing instrument was acknowledged before me this	days of Mary	of 20/ 8
a de la contraction de la cont	personally known to me or w	
as ident	tification and who did not take	e an oath.
State of Florida County of Orange		
Motary Public Orange County 54 11	PAMELA D. OWENS Commission # FF 178052 Evoires November 19, 2018	
Notary Public, Orange County, Florida	Expires November 19, 2018	

(seal)

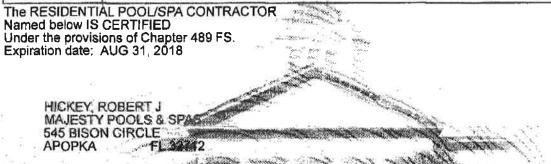
STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD

METAMITTIEME

LICENSE NUMBER

CPC039928







ISSUED: 07/04/2016

DISPLAY AS REQUIRED BY LAW

SEQ# L1607040001995



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/16/2018

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 ADDITIONAL INSURED, the policy(les) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

CONTACT

PRO	DUCER	Winchester Insurance, Inc				CONTA NAME:	.ct Lori	Forrest			
		1425 W. Broadway (S.R. 42				PHONE (A/C, No, Ext): (407) 365-5656 FAX (A/C, No): (407) 366-0				') 366-0031	
		P.O. Box 620969				E-MAIL ADDRESS: lori@winchesterinsurance.com					
		Oviedo			FL 32762			SURER(S) AFFO	RDING COVERAGE		NAIC#
						INSURE		Lloyds of Lone			17370
INSI	JRED					INSURE					
		Hickey & Ellison Construction	ı, Inc.			INSURE	3				
		Majesty Pools & Spas				1					1
		545 Bison Circle			=	INSURE					
		Apopka			FL 32712-	INSURI					
-	VERAGE	e cen	TIEIC	ATE	NUMBER:	INSUR	RF:		REVISION NUM	ADED.	
_		CERTIFY THAT THE POLICIES				VE BEE	N ISSUED TO	O THE INCLID			POLICY PERIOD
11 C	NDICATED ERTIFICA	NOTWITHSTANDING ANY RE TE MAY BE ISSUED OR MAY AS AND CONDITIONS OF SUCH	QUIR PERT POLIC	EME AIN, NES.	NT, TERM OR CONDITION THE INSURANCE AFFORD LIMITS SHOWN MAY HAVE	OF AN	Y CONTRACT	T OR OTHER ES DESCRIBE	DOCUMENT WITH	H RESPECT 1	TO WHICH THIS
INSF	4	TYPE OF INSURANCE	ADDL	SUBR	POLICYNUMBER		POLICY EFF	POLICY EXP-		LIMITS	
A		MERCIAL GENERAL LIABILITY	: (NN817446		07/01/2017	07/01/2018	EACH OCCURRENC	CE \$	1,000,000
		CLAIMS-MADE X OCCUR							DAMAGE TO RENT	ED .	100,000
									MED EXP (Any one		5,000
									PERSONAL & ADV		100,000
	GENT AG	GREGATE LIMIT APPLIES PER:							GENERAL AGGREG		2,000,000
	X POLI	PRO							PRODUCTS - COMP		2,000,000
	(47040)								PRODUCTS - COMIT	\$,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	AMITOMOR	EK. BILE CIABILITY					10.00		COMBINED SINGLE		
								1	(Ea accident) BODILY INJURY (Pe		
		AUTO OWNED SCHEDULED						f	BODILY INJURY (Pe		
	AUTO	DS AUTOS NON-OWNED							PROPERTY DAMAG		
	HIRE	D AUTOS AUTOS						1	(Per accident)	Φ	
-				_				-		\$	
	-	RELLA LIAB OCCUR							EACH OCCURRENCE	CE \$	
	EXC	ESS LIAB CLAIMS-MADE						1	AGGREGATE	\$	
	OED	RETENTION \$						-	pen	5	
		COMPENSATION OYERS' LIABILITY YAN	6.						PER	OTH	(1) 717
		RIETOR/PARTNER/EXECUTIVE IEMBER EXCLUDED?	N/A						E.L. EACH ACCIDE	NT \$	
	(Mandator)	y in NH)							E.L. DISEASE - EA	EMPLOYEE \$	
		ION OF OPERATIONS below							E.L. DISEASE - POL	ICY LIMIT S	
Α	POP-UF	PCOVERAGE			NN817446		07/01/2017	07/01/2018	Occurence Limit	t	50,000
									Aggregate Limit		100,000
DES	CRIPTION O	FOPERATIONS / LOCATIONS / VEHICL	.es (A	CORU	.101, Additional Remarks Schedu	ile, may b	e attached if mo	re space is requir	end)		
CE	RTIFICA	TE HOLDER				CAN	CELLATION				AI 000594
		City of Belle Isle 1600 Nela Ave			,	THE	EXPIRATION	DATE THERE	ESCRIBED POLIC OF, NOTICE WILL CY PROVISIONS.		
		Belle Isle			FL 32809-	AUTHO	RIZED REPRESI	ENTATIVE	In Wes	nd .	-



JIMMY PATRONIS

CHIEF FINANICAL OFFICER

STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION

* * CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW * *

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 9/20/2017

EXPIRATION DATE: 9/20/2019

PERSON: HICKEY

ROBERT

J

FEIN:

202378053

BUSINESS NAME AND ADDRESS:

HICKEY & ELLISON CONSTRUCTION, INC.

MAJESTY POOLS & SPAS

545 BISON CIRCLE

APOPKA

FL

32712

SCOPE OF BUSINESS OR TRADE:

Licensed Pool Contractor

Swimming Pool Construction-Not Iron or Steel -& Drivers

IMPORTANT: Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt. apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filling of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 08-13

QUESTIONS? (850)413-1609

Scott Randolph, Tax Collector **Local Business Tax Receipt Orange County, Florida**

This local business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other awful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

EXPIRES

9/30/2018

1805-1088905

RESIDENTIAL POOL/SPA 1805

\$30.00

EMPLOYEE : 5000 BUSINESS OFFICE

\$30.00

EMPLOYEE :

TOTAL TAX PREVIOUSLY PAID TOTAL DUE

\$60,00 \$60.00 \$0.00

WICKEY'S ELLISON CONSTRUCTION INC HICKEY ROBERT J - QUALIFIER

MAJESTY POOLS & SPAS HICKEY & ELLISON CONSTRUCTION INC PO BOX 1251 APOPKA FL 32704

545 BISON-CIR U - APOPKA, 32712

PAID: \$60.00 0098-00800117 8/26/2017

Local Business Tax Receipt Scott Randolph, Tax Collector Orange County, Florida

This local business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other awful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

2017

RESIDENTIAL POOL/SPA

9/30/2018 **EXPIRES**

1805-1088905

1805

\$30,00

BUSINESS OFFICE

\$30.00

EMPLOYEE :

\$60.00 TOTAL TAX PREVIOUSLY PAID \$60.00 TOTAL DUE \$0.00

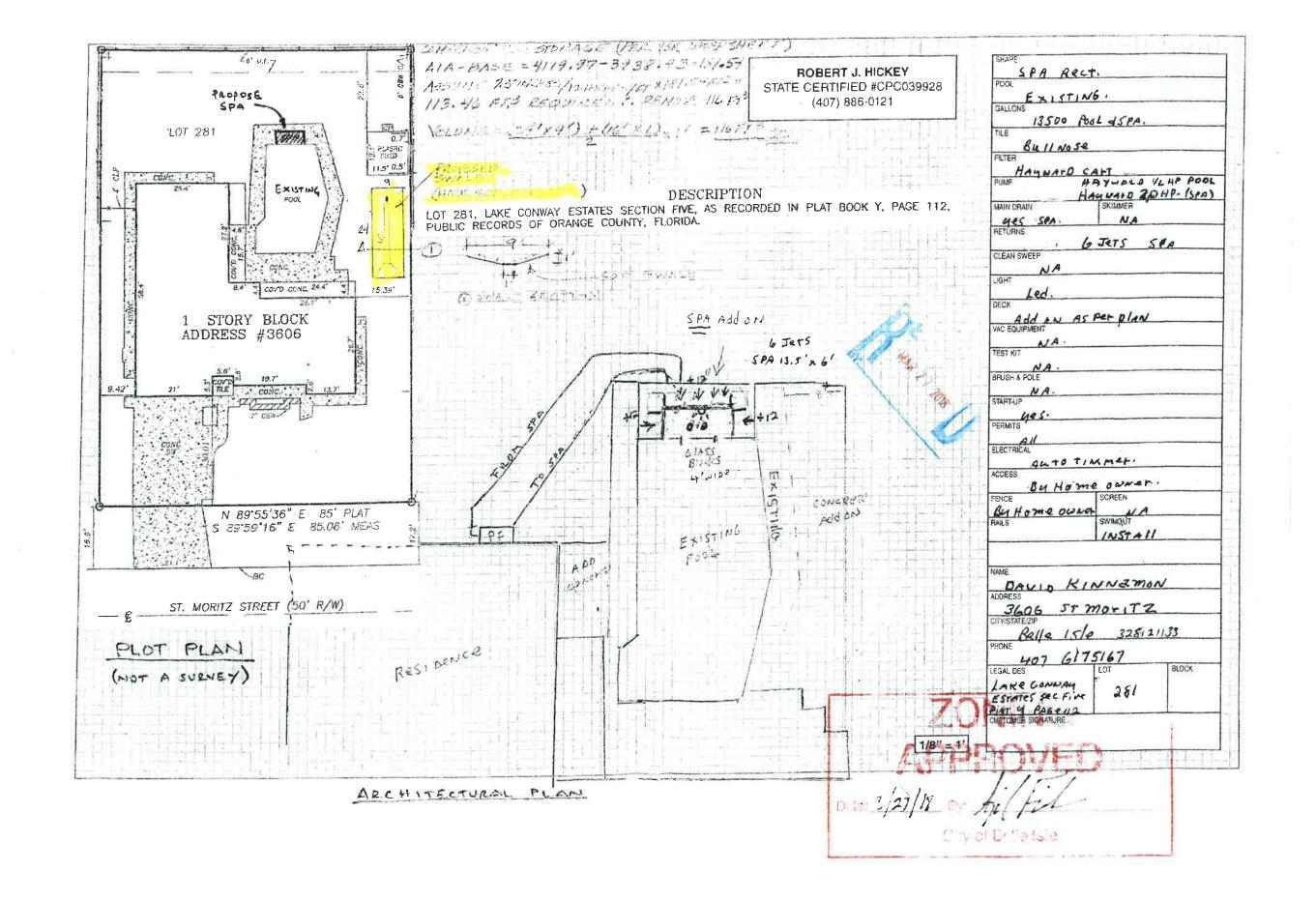
545 BISON CIR U - APOPKA, 32712

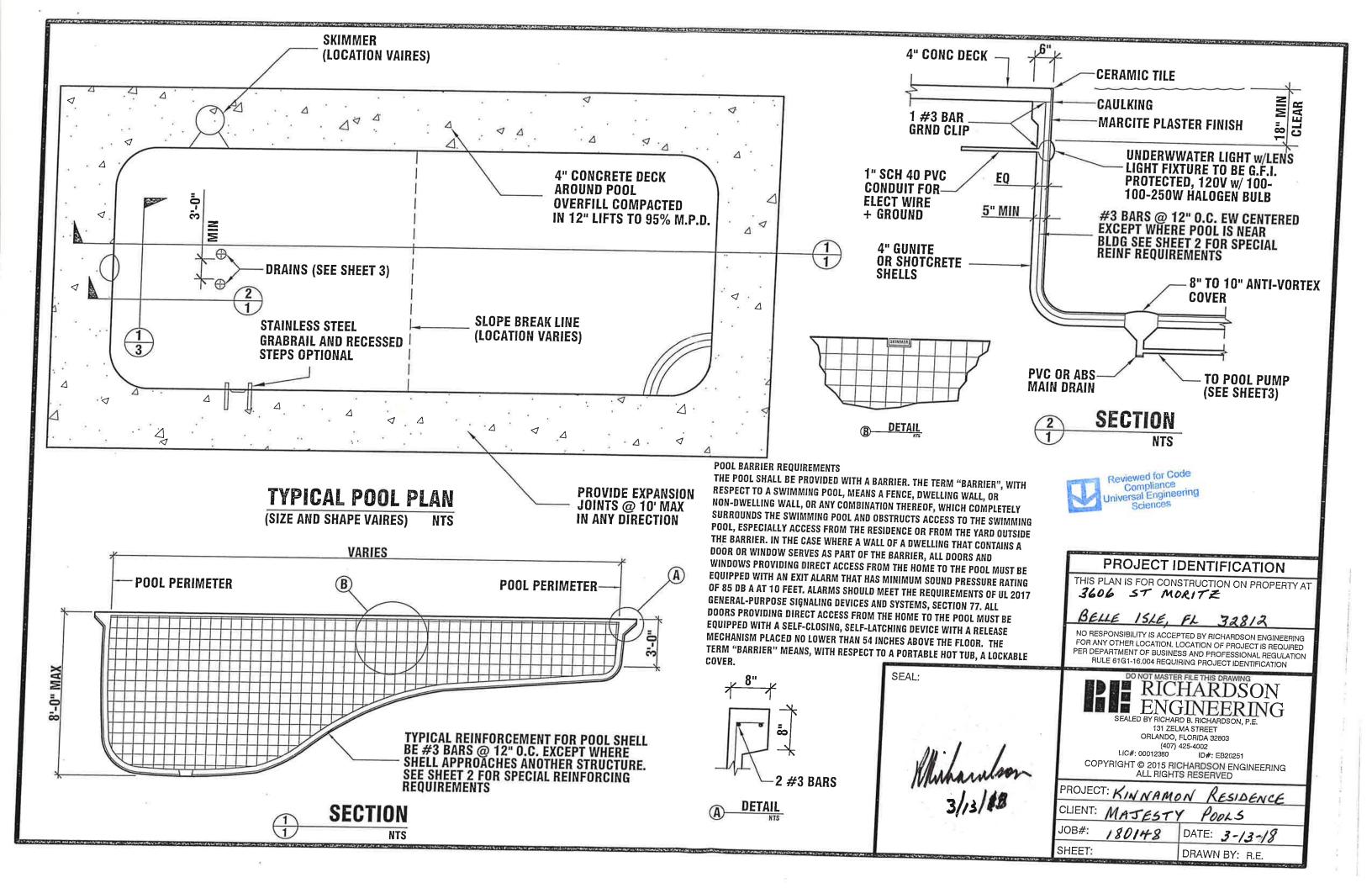
PAID: \$60.00 0098-00800117 8/26/2017

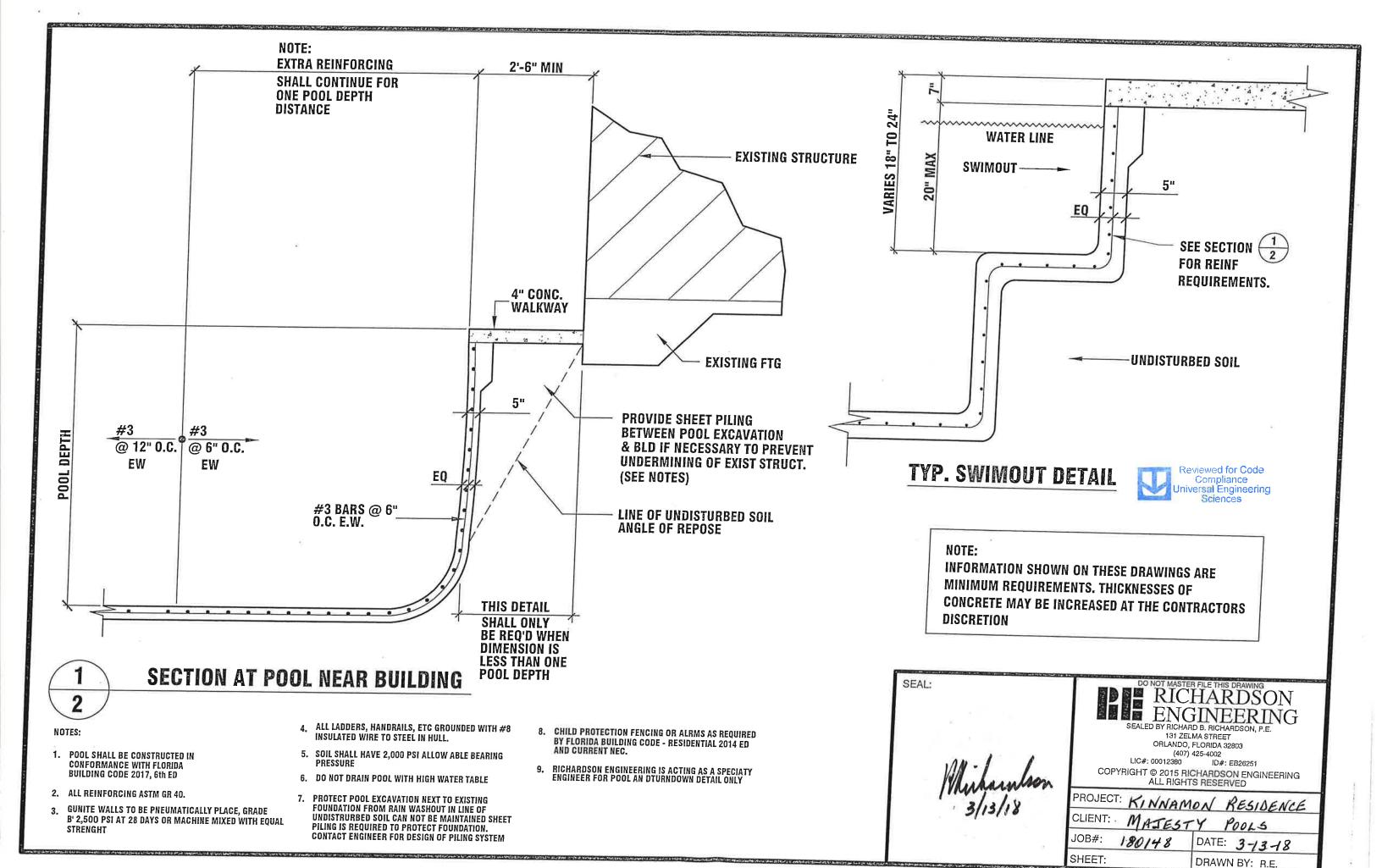
HICKEY & ELLISON CONSTRUCTION INC HICKEY ROBERT J - QUALIFIER

AJESTY POOLS & SPAS AICKEY & ELLISON CONSTRUCTION INC PO BOX 1251 APOPKA FL 32704

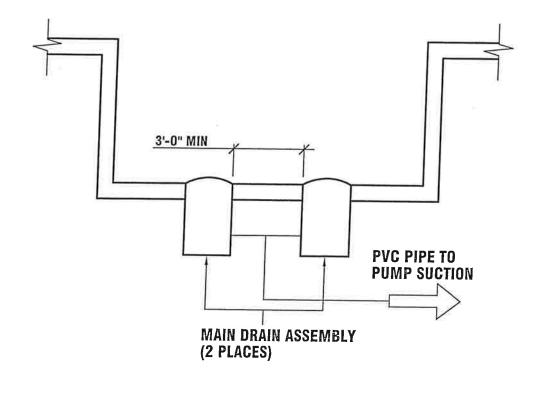
This receipt is official when validated by the Tax Collector.

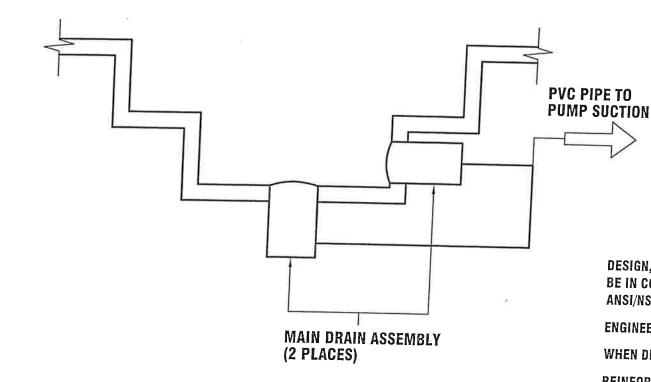






DUAL MAIN DRAINS FOR SPAS AND SWIMMING POOLS





DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH REQUIREMENTS OF ANSI/NSPI-4 THROUGH 7 & FBC 2017, 6th EDITION.

ENGINEERED DESIGN ALSO INCLUDES SPAS

WHEN DEPTH EXCEEDS 5' SEE SWIMOUT DETAIL

REINFORCEMENT SHALL CONFORM TO THE APPLICABLE ASTM STANDARD LISTED IN ACI 318

SUCTION ENTRAPMENT AVOIDANCE SHALL CONFORM W/ANSI/APSP 7. CONTRACTOR SHALL SUBMIT HYDRAULIC CALCULATIONS FOR PUMP SIZING, PIPE SIZING, FLOW RATES AND MAXIMUM VELOCITY RATES TO SHOW TECHNICAL COMPLIANCE W/SUCTION ENTRAPMENT SAFETY STANDARD.

A TIMER IS REQUIRED. PROVIDE CLOCK

2011 NATIONAL ELECTRIC CODE - NFPA NEC-70 ALL BONDING AND GROUNDING NOTES ARTICLE 680 (ALL) SHALL COMPLY WITH 4242.17.1 THROUGH 4242.17.15 FOR BARRIERS

MAIN DRAIN

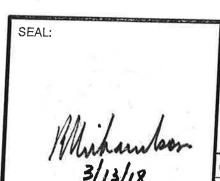
SUCTION PIPING

NTS

ALTERNATE SUCTION PIPING

NTS







SEALED BY RICHARD B. RICHARDS 131 ZELMA STREET ORLANDO, FLORIDA 32803 (407) 425-4002 LIC#: 00012380 ID#: FB2

LIC#: 00012380 ID#: EB26251

COPYRIGHT © 2015 RICHARDSON ENGINEERING

ALL RIGHTS RESERVED

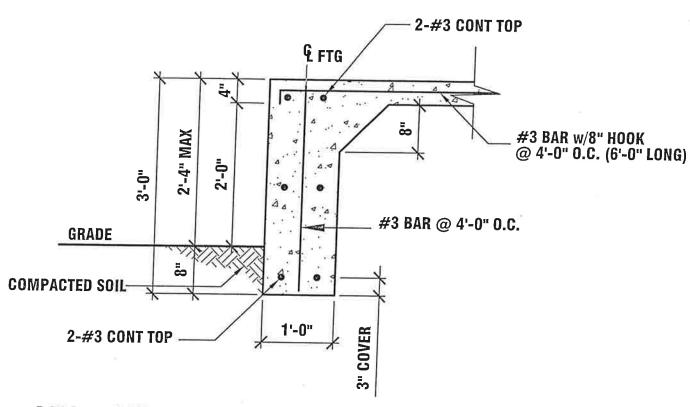
PROJECT: KINNAMON RESIDENCE

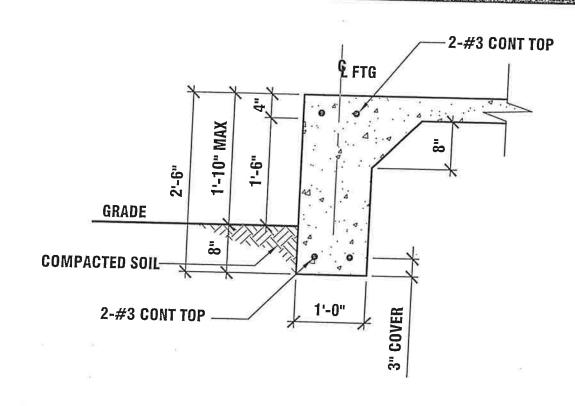
CLIENT: MAJESTY POOLS

JOB#: 180148 DATE: 3-13-18

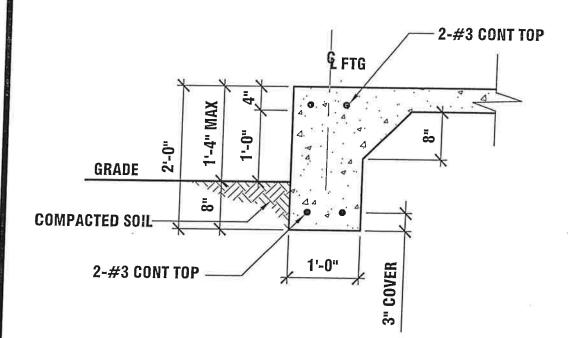
SHEET: D

DRAWN BY: R.E.



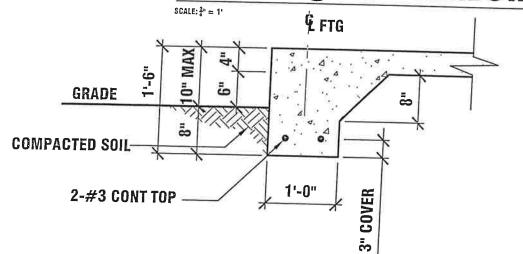


SCALE: 3" = 1"



SECTION @ 24" TURNDOWN + 4" DECK

SECTION @ 18" TURNDOWN + 4" DECK



Reviewed for Code Compliance Universal Engineering Sciences

NOTES:

- 1. CONCRETE (GUNITE) F'C = 3000 P.S.I. MIN @ 28 DAYS
- 2. REBAR: GRADE 40
- 3. SOIL SHALL BE COMPACTED TO 95%

SECTION @ 6" TURNDOWN + 4" DECK

SCALE: 1" = 1"

Merhandon 3/13/18

PO NOT MASTER FILE THIS DRAWING RICHARDSON ENGINEERING

SEALED BY RICHARD B. RICHARDSON, P.E. 131 ZELMA STREET ORLANDO, FLORIDA 32803

LIC#: 00012380 ID#: EB26251

COPYRIGHT © 2015 RICHARDSON ENGINEERING

ALL RIGHTS RESERVED

PROJECT: KINNAMON RESIDENCE

CLIENT: MAJESTY POOLS

OB#: 180148 DATE

DATE: 3-/3-18

DRAWN BY: R.E.

SECTION @ 12" TURNDOWN + 4" DECK

SCALE: 3" = 1"

ENCLOSURE BY OTHERS GRADE-I 3"COVER TYP



NOTES:

- 1. CONCRETE (GUNITE) F'C = 3000 P.S.I. MINIMUM @ 28 DAYS
- 2. REBAR: GRADE 40
- 3. SOIL SHALL BE COMPACTED TO 95%

PROJECT: KINNAMON RESIDENCE

MAJESTY POOLS

JOB#: 180142

DATE: 3-13-18

DRAWN BY:

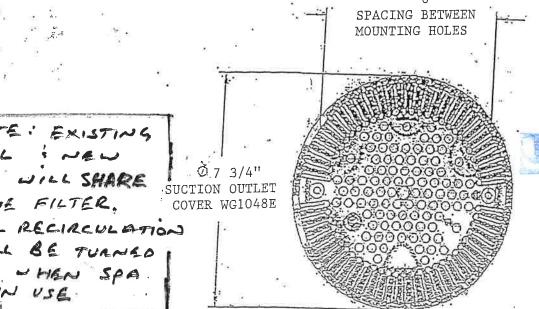
DECK EDGE DETAIL (APPLICABLE WHEN PAVERS USED)

FUTURE SCREENED

, t t	THIS WORKSHEET FOR REPLACEDE GUESTIE BOOM		*
	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.	L PU.	Co
	Simplified Total Dynamic Head (TDH) Calculation Worksheet	ranor r	Ratings: F Certified to Test Results
	Determine Maximum System Flow Rate: Minimum Flow Rate Required: 35 gpm per skimmer		
	1. Calculate Pool Volume: 400 x 4.5 x 7.48 (gal./cubic foot) = 13500 (Volume in gallons)	, a)	90 W. 91
a	2. Determine preferred Turnover Time in hours: 3. Determine Max Flow Rate: 15500 / 1000 = 37.5 + 0	;** ; *!	
ä	4. Spa Jets: (Number of jets) (Jet Flow) (Total Jet 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)	P	management to the second
*	Determine Pipe Sizes: Pool (Existing)	POOL	
D.	Branch Piping to be inch to keep velocity @ 6 fps max. at 37.5 gpm Maximum System Flow Rate.	SPA	WILL SHA
BXISTING	Trunk Piping to beinch to keep velocity @ 8 fps max. atgpm Maximum System Flow Rate. Return Piping to beinch to keep velocity @10 fps max. atgpm Maximum System Flow Rate.	POOL	RECIRCUL
	Determine Simplified TDH:	OFF	- BE TURN SP J USE
	 Distance from pool to pump in feet: 40 Friction loss (in suction pipe) in 1/2 inch pipe per 1 ft. @ 375 gpm = 18 (from pipe flow/friction loss chart) 		
	3. Friction loss (in return pipe) in We inch pipe per 1 ft. @ 375 gpm = • 40 (from pipe flow/friction loss chart)	i i	ল ভ ভ উ
2.6	4. Length of suction pipe 40 x ft. of head/1 ft of pipe 28 = TDH suction pipe //.2	Į.	
	5. Length of return pipe 40 x ft. of head/1 ft of pipe .48 = TDH return pipe 19.2	*	TDH Calculation For each pump
er g	TDH in Piping: 30.4. Filter loss in TDH (from filter data sheet): 2.0 Heater loss in TDH (from heater data sheet):		Check o
	Selected Pump and Main Drain Cover: Total Simplified TDH: 32.4		Complet blanks
	Pump selection SP2600 X 5 using pump curve for Simplified TDH & System Flow Rate Main Dain Company (SINGLE SPEED) 12 HP (Pump model and size in Horsepower)	3	Total Dy. Complete
	Main Drain Cover <u>AGIO48 6</u> (System Flow Rate must not exceed approved cover flow rate) (Make and Model) Notes: Minimum system flow based on minimum flow per skimmer of 35 gpm.		attached
	Determine the Number and Type of Required In Floor Custian Quite A	e .	
	Check all that apply.		FI
¥	3'-0" © 2 suction outlets @ 125 gpm max. flow (see note 2) - Acc 2" Main	•	Pipe 6fb
	© © 3 suction outlets @ gpm max. flow (see note 3) Aquastar Channel Drain @ 316 gpm max. flow rate		1" 16 gpm
	A & A Channel Drain @ 217 gpm w/ 2 port & 278 gpm w/ 3 ports (see note 4)		2" 62 gpm 2.5" 88 gpm
			3" 138 gpm

CERTIFICATION OF COMPLIANCE

Contains: WG1048E Description 8" Round Suction Outlet Cover Ratings: Floor 125 GPM Wall: 72 GPM Open Area: 8.1 sq-in Certified to Comply with Section 1404 of the Virginia Graeme Baker Act (VGB) Pool & Spa Safety Act Test Results can be obtained from www.Havwardnet.com and/or http://www.nsf.org/Certified/Pools/



Compliance Iniversal Engineering

MAIN DRAIN COVER

TDH Calculation Options For each pump

Check one

NEW

WILL SHARE

- HEN SPA.

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 & attached calculations.

	Flo	ow and F	riction Lo	ss Per F	oot				
		Sched	lule 40 PV	C Pipe					
	Velocity Feet Per Second								
Pipe Size	6fbs	3	8 fl	os	10 fbs				
1*2	16 gpm	0.25!	21 gpm	0.66'	26 gpm	0.94'			
1.5"	37 gpm	0.16'	50 gpm	0.28'	62 gpm	0.48			
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'			

Notes:

- 1. If a variable speed pump is used, use the maximum pump flow in calculations.
- 2. For side wall drains, use appropriate side wall drain flow as published by the manufacturer.
- 3. Insert the manufacturer's name and approved maximum flow.
- 4. See installation instructions for number of ports to be used.
- 5. In-floor suction outlet cover/grate must conform to most recent edition of ASME/ANSI A112.12.8 and be embossed with that edition approval.
- 6. Pump & Filter make, model and location can not change without submitting revised plans and TDH worksheet.



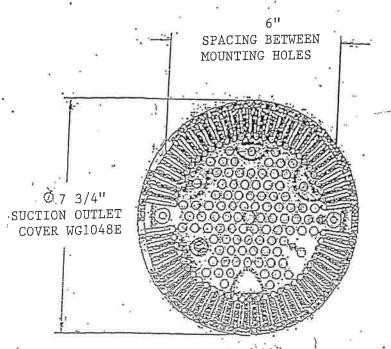
THIS WORK SHEET FOR NEW SPA & FILTER ANSI/ASP-7 2006 Specifies three methods for determining the maximum quiens flow rate. The

simplified TDH calculation is one of the methods specified.
Simplified Total Dynamic Head (TDH) Calculation Worksheet SPA 4001710W
Determine Maximum System Flow Rate: Minimum Flow Rate Required: 35 gpm per skimmer
1. Calculate Pool Volume: x x 7.48 (gal./cubic foot) =
2. Determine preferred furnover time in nours: X 60 (minutes / hour) =
3. Determine Max Flow Rate: (Hours) (Turnover in Minutes)
4. Spa Jets: (Volume in gallons) (Turnover Minutes) (Pool Flow Rate) (Feature Flow Rate) (System Flow Rate) (Number of jets) (Jet Flow) (Total Jet 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 inch to keep velocity @ 6 fps max. at gpm Maximum System Flow Rate.
Trunk Piping to be 2½ inch to keep velocity @ 8 fps max. at 90 gpm Maximum System Flow Rate.
Return Piping to be inch to keep velocity @10 fps max. at gpm Maximum System Flow Rate.
Determine Simplified TDH:
1. Distance from pool to pump in feet:
2. Friction loss (in suction pipe) in 2½ inch pipe per 1 ft. @ 90 gpm = ./5 (from pipe flow/friction loss chart)
3. Friction loss (in return pipe) in 2" inch pipe per 1 ft. @ 90 gpm = .40 (from pipe flow/friction loss chart)
4. Length of suction pipe 25 x ft. of head/1 ft of pipe = TDH suction pipe 3.75
5. Length of return pipe 25 x ft. of head/1 ft of pipe 40 = TDH return pipe 10.75
TDH in Piping: /3.75'
Filter loss in TDH (from filter data sheet):
Heater loss in TDH (from heater data sheet): 7' Total all other loss: _2' <u>'</u>
Selected Pump and Main Drain Cover: Total Simplified TDH: 47.25
HAYWARD SUPER PUMP (TWO SPEED) 2.0 HP
(Pump model and size in Horsepower)
(System Flow Rate must not exceed approved cover flow rate) (Make and Model) Notes: Minimum system flow based on minimum flow per skimmer of 35 gpm.
Determine the Number and Type of Required In-Floor Suction Outlets:
Check all that apply.
3'-0" © 2 suction outlets @ '/25 gpm max. flow (see note 2)
© © 3 suction outlets @ 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)

CERTIFICATION OF COMPLIANCE

Contains	: WG1048E	Description	8" Koun	d Suction Outl	et Cover
Ratings: Floor_	125 GI		72 GPM	Open Area:_	8.1 sq-in
Certified to Comp	ly with Section	1404 of the Virgin	ira Graeme Baker	Act (VGB) Pool	& Spa Safety A
Fest Results can be	e obtained from	www.Havwardne	t com and/or http:/	//www.nsfore/Cu	ertified/Pools/





MAIN DRAIN COVER

TDH Calculation Options For each pump

Simplified Total Dynamic Head (STDH) Complete STDH Worksheet – Fill in all

Total Dynamic Head (TDH)
Complete Program or other calcs. Fill in required blanks on worksheet & attached calculations.

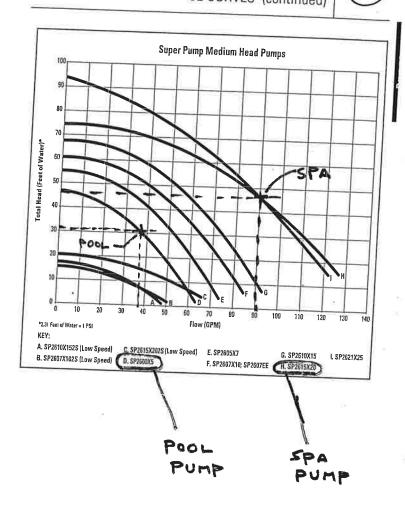
	Flo	w and F	riction Lo	ss Per F	oot	
	<u> </u>					
	Schedule 40 PVC Pipe Velocity – Feet Per Second					
Pipe Size	6fbs		8 fbs		10 fbs	
1"	16 gpm	0.25	21 gpm	0.66'	26 gpm	0.94
1.5"	37 gpm	0.16'	50 gpm	0.28'	62 gpm	0.48
2"	62 gpm	0,15'	82 gpm	0.25	103 gpm	0.40'
2.5"	88 gpm	0.09' 🗼	117 gpm	0.15'	146 gpm	0.23'
3"	138 gpm	0.09'	181 gpm	0.14'	227 gpm	0.23

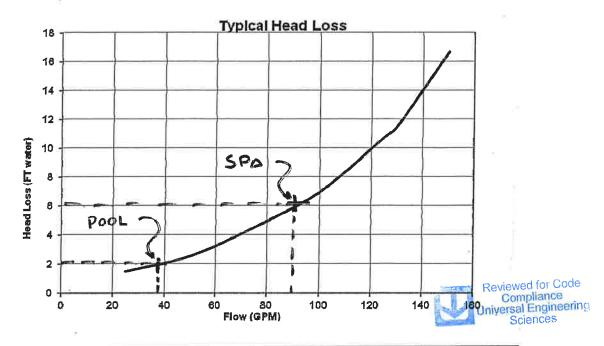
Notes:

- 1. If a variable speed pump is used, use the maximum pump flow in calculations.
- 2. For side wall drains, use appropriate side wall drain flow as published by the manufacturer. *
- 3. Insert the manufacturer's name and approved maximum flow.
- 4. See installation instructions for number of ports to be used.
- 5. In-floor suction outlet cover/grate must conform to most recent edition of ASME/ANSI A112.12.8 and be embossed with that edition approval.
- 6. Pump & Filter make, model and location can not change without submitting revised plans and TDH worksheet.



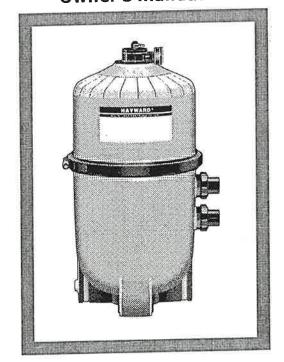
Hydraulics PUMP PERFORMANCE CURVES (continued)





MODEL	EFFECTIVE FILTRATION RATE		DESIGN FLOW RATE Residential Commercial		
	FT ²	M²	GPM	LPM	
C2030	225	20.9	84	318	
C3030	325	30.2	122	462	

Owner's Manual





SwimClear™

Models C2030 C3030 C4030 C5030 C7030

ANSI-15

Swimming Pool Energy Efficiency Compliance Information NOTE: These Requirements apply ONLY to the Filtration Pump

Project Name:	DAYID	KINNAMOR	<u>.</u>		, n
Address:	3606 5	T. MORITE	····	•	2 9
		ISLE 32812			
· · · · · · · · · · · · · · · · · · ·					#10
Flow Calculatio	ns per Standard	- Pool water volume	=_/3500 ÷ 360	= 37.5 gpm = calcul	into 10
toller poole a	rider 15,000 gais.	. the calculated flow	rate or 36 anm which	aliar is associated at	ated flow rate.
50.5 %	Trianilary Todu C	or the illuation bumb	Yes X	over to greater - the h	itration flow rate.
If so, wha	it is the calculated	d auxiliary flow rate _	90 gpm	_	
Maximum Flow F powered by the fil	Rate 90 gpm (tration pump).	greater of the filtratio	on flow rate or the au	xiliary flow rate if the a	auxiliary flow is
Minimum suction	rido filtratia - :		2.200 ¥	•	e e
Minimum return ci	side ilitration pipe	e size @ 6 fps 3 i	n. Minimum suction	side branch pipe size (@ 6 fps <u>3</u> in.
	de umationi bibe	Size (a) 8 fps 2/2 in	Minimum return sig	to bronch nine sine o	01 -01/
rvoice, pipe sizing is	squirements appr	y ONLY to filtration p	piping ÷ do not apply	to auxiliary load piping	3 .
Pipe S	Size: 1.5" 2"	2.5" 3" 3.5"	4" 5" 6"		# **
Nominal GPM @ 6		90 138 185	4" 5" 6" 238 374 540		** ** ×
Nominal GPM @ 8	1 fps 51 84	119 184 247	317 499 720	a g	
					enc E
Filter typeCa	RTRIDGE	Size32J	4,2		e
Minimum Filter Are	a per filter factor	in the Standard .32	× 375 = 12.2	gom (may flav)	8 g gg. (a)
Factor = Filter Area	x .375 (cartridge)	or - x 2.0 (D.E.) or -	x 15 (Sand)	gpm (max. flow t	mough filter)
Backwash volvo2 Vo		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · (cana)	₩. 360	
Backwash valve? Ye	.s No	(If yes, must be	2 inch minimum)	602	, (i) a
	- Marie		*SAR *S	* **	
		(9)	25 DE	ongo a " go a	Ø
Pump Selection as L	isted on (circle o	ne) Curve A (less t	han 17,000 gal.) or-	Curve C (greater than	n 17,000 gal V
make.	ywarp .	IVIOGEI POOL (A	AYWALD SADE	DOYS CARLS	197,000 gar) 192615 × 202.
Flow Rate: 🔟	34 gpm @ <u>3</u> 4	150 rpm. (flow rate	must be <= maximu	m filtration flow rate)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
e i			37.		136 S
Pump Controls - Filtr	ation pump has r	no auxiliary load - sta	andard time clock		.79 39 .79
Filtration pump with au	ıxiliary load – Cor	ntrol model for low s	peed default within 2	4 hr. INTERM	TATIC
Heater Model	YUDAD	400,000 6	ttu ···		•
Gas Heater efficiency r	,		tht)	×	0.5
Heat Pump efficiency (C.O.P.	(140 1 1101 216	<i>y</i> 111.)	(5)	
•		195 CF 200	3 % /		*
Equipment Piping – m Directional return fitting	iinimum 4 pipe di	ameters in front of p	ump and minimum 1	8" after filter for future	solar.
En sedonal return hung.	o wiii be iiistalled			Sil 12	8
I affirm that the i-fa-			Zen.		, L., ?.
I affirm that the informat	ion above is true	and correct:			*

Contractor Signature

ANSI-7 Suction Outlet Safety Compliance Data Sheet

(One sheet for each drain or set of drains in the system)

Job Name: DAYID KINNANDN	*
Address: 3606 ST. PORITZ	
BELL ISLE 32812	e.
	· in
THIS DATA IS FOR THE: POOL AUXII	-IARY (Spa, Feature(s) etc.)
2011	8
SUCTION OUTLET(S)	
Are there drains: yes / X no (if no, go	o to trunk & return pipe size)
Single unblockable Two or more	
(if single unblockable, indicate make, model & flo	w rating then go to trunk & return pipe size)
Listed cover flow rate: /25 \ gpm	
gpm	g p e
SYSTEM FLOW RATE	
System flow rate: gpm	Reviewed for Code
Method of determining system flow:	Compliance
Maximum flow from the pump curv	
Total dynamic head calculation (att	tach calculation sheet)
Simplified total dynamic head (atta	ch pipe length + filter + heater resistance)
DUMP OF FOTOUR	¥7
PUMP SELECTION .	1
Pump make & model: Pool (Wayward Sp?	2600 × 5) SPA (SP2615 X2025)
(attach pump performance curve, indicating flow a	s calculated above)
PIPE SIZE	
Branch piping size inch @ 6 fps or lower	
Trunk line size 21/2 inch @ 8 fps	·
Traine into 0120 men @ 0 tps	
PIPE SIZE SUMMARY – THIS JOB - PER T	HE APPLICABLE CTANDARD.
% × ×	THE AFFEICABLE STANDARD:
Suction side filtration branch piping size =	
Suction side filtration trunk line piping size = "	in. per ANSI-15 or 7 @ 6 fps or 8 fps
Return side filtration branch piping size =	in. per`ANSI-15 @ 8 fps
Return side filtration trunk line piping size = [in. per ANSI-15 @ 8 fps
Auxiliary drain branch suction line piping size =	in. per ANSI-7 @ 6 fps
Auxiliary drain trunk suction line piping size =	2½ in per ANSI-7 @ 8 fps
acuum line, if installed shall be sized to flow at 8 fp	in. per ANSI-5 @ 10 fps
elf-closing, self-latching cover per ANSI-7	be Also-band shall be covered with a