DATE 05/10/20	Columbia County B		struction	PERMIT 000028549
APPLICANT BI	RENT HANDY	PHONE	386.984.0917	000028347
2000 CONTRACTOR (CONTRACTOR CONTRACTOR CONTR	95 NW COMMONS LOOP	LAKE CITY	360.964.0917	FL 32055
Water Burner States	BRAM & ANGELA HUBER	PHONE	386.867.1463	32000
Water and Carlotte Water	25 SW FINLEY LITTLE LN	LAKE CITY		FL 32024
CONTRACTOR	BRENT HANDY	PHONE	386.755.7300	
LOCATION OF P	ROPERTY 47-S TO LITTLE RD,TL (SOUTH	WOOD ACRES ENTRA	NCE),TL ON FIN	LEY
	LITTLE LN AND IT'S THE 3RD	LOT DOWN ON THE L.		
TYPE DEVELOP	MENT SWIMMING POOL EST	TIMATED COST OF CO	NSTRUCTION	70000.00
HEATED FLOOR	AREA TOTAL ARE	Α	HEIGHT	STORIES
FOUNDATION	WALLS R	OOF PITCH	FLC	OOR
LAND USE & ZO	NING A-3	MAX	HEIGHT	
Minimum Set Back	Requirments: STREET-FRONT 30.00	REAR	25.00	SIDE 25.00
NO. EX.D.U.	1 FLOOD ZONE	DEVELOPMENT PERM	MIT NO.	1
PARCEL ID 01	-5S-16-03387-012 SUBDIVISION	N		
LOT BI	LOCK PHASE UNIT	ТОТА	L ACRES 2.0	0
	CPC1456799			
Culvert Permit No.	Culvert Waiver Contractor's License Num	aber /	Applicant/Owner/O	Contractor
EXISTING	X-10-116 BLK	н		N
Driveway Connecti	_	g checked by App	roved for Issuance	New Resident
COMMENTS: NO	OC ON FILE. SWIMMING POOL ONLY. PERMIT F	OR ELECTRCAL & DEC	CK MUST BE	
PULLED PRIOR T	O DECK OR ELECTRICAL BEING DONE.			
			Check # or Ca	sh 3372
	FOR BUILDING & ZONIN	G DEPARTMENT	ONLY	(footer/Slab)
Temporary Power	Foundation		Monolithic	(100ter/Stab)
	date/app. by	date/app. by		date/app. by
Under slab rough-in			Sheathing/N	lailing
Framing	date/app. by	date/app. by		date/app. by
	date/app. by Insulation date	e/app. by		
Pough-in plumbing	above slab and below wood floor		ectrical rough-in	
Rough-in plumonig		ate/app. by		date/app. by
Heat & Air Duct	Peri. beam (Linte	1)	Pool	
Permanent power	date/app. by C.O. Final	date/app. by	-	date/app. by
	CAPATA NOTAN 12 TO 10 P. C.	ate/app. by	Culvert	date/app. by
Pump pole date/	Utility Pole M/H tie do	owns, blocking, electricity	and plumbing _	date/app. by
Reconnection	RV		Re-roof	
	date/app. by	date/app. by		date/app. by
BUILDING PERM	TT FEE \$ 350.00 CERTIFICATION FEE	E.\$0.00	SURCHARGE	FEE \$0.00
MISC. FEES \$	0.00 ZONING CERT. FEE \$ 50.00	FIRE FEE \$	WASTE	FEE \$
FLOOD DEVELOP	MENT FEE \$ FLOOD ZONE PEE \$	CULVERT FEE \$ _	тота	AL FEE 400.00
INSPECTORS OF	TICE fale 18thlu	- CLERKS OFFICE	CH	
	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION. CFA 3372

Columbia County Building Permit Application

For Office Use Only Application # 1004-55 Date Received 4/28/1	0 By <i>Uf</i> Permit # <u>28549</u>
Zoning Official 1924 Date 1000 Flood Zone NA Land	
FEMA Map # N/A Elevation N/A MFE N/A River N/A Pla	
Comments	Is fand App fre
NOC EH Deed or PA Site Plany State Road Info - Parent Parcel #_	
Dev Permit # □ In Floodway □ Letter of Auth. from Cont	tractor 🛘 🗆 F W Comp. letter
IMPACT FEES: EMS Fire Corr	Road/Code
School = TOTAL N/A Por	I Licenso uportes
Septic Permit No. X10-116 (Inbop)	Fax
, , , , , , , , , , , , , , , , , , , ,	Phone 386-984-0917
Address 295 NW Connors Coop, Ste 115-343, Lake City 1	CL 32055
Owners Name Abram Huber	Phone 386-867-1463
911 Address 225 SW Finnley Little Cn, Lake City, AC 3	73.00
Contractors Name Brent Handy alba Paragon Pools	Phone 386-755-800
Address 295 NW Commons Coop. Ste 115-343, Lake Cid	Ly. 46, 32055
Fee Simple Owner Name & Address V	
Bonding Co. Name & Address	
Architect/Engineer Name & Address Kines Engineering . 1767 Lakewood	Ranch BLUD, Bradendon, DC 34211
Mortgage Lenders Name & Address	
Circle the correct power company — FL Power & Light — Clay Elec. — Suw	annee Valley Elec. – Progress Energy
Property ID Number 01-55-16-03387-012 Estimated Cost	of Construction 70,000
Subdivision Name 12 47 South 10 Lot	Block Unit Phase
Driving Directions Hwy 47 South to Brentward Rd Lur	n Lest Centrerce to SouthWood
Estates Sub) to Glenwood Cir durn Right to Cittle	Rd Jun Left to Linkey Litt
Number of Existing	ng Dwellings on Property /
	dal Acreage
Do you need a - <u>Culvert Permit</u> or <u>Culvert Waiver</u> or <u>Have an Existing Drive</u>	Total Building Height
Actual Distance of Structure from Property Lines - Front 246 = Side 58	1 Side 63 + Rear 160 +
Number of Stories Heated Floor Area Total Floor Area	1400 sy ft Roof Pitch
Application is hereby made to obtain a permit to do work and installations as installation has commenced prior to the issuance of a permit and that all work	

of all laws regulating construction in this jurisdiction.

The special and the submitted together.)

Page 1 of 2 (Both Pages must be submitted together.)

Revised 6-19-09

Columbia County Building Permit Application

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

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

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

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

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature

**OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.

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

Contractor's Signature (Permitee)

Contractor's License Number_

Columbia County

Competency Card Number

3 10 COLUM

Affirmed under penalty of perjury to by the <u>Contractor</u> and subscribed before me this <u>28</u> day of _

or Produced Identification FL-DL
SEAL:

State of Florida Notary Signature (For the Contractor)

NOTARY PUBLIC-STATE OF FLORIDA
George R. Morse
Commission # DD924178
Expires: SEP. 27, 2013
BONDED THRU ATLANTIC BONDING CO., INC.

COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

)	

NOTICE TO SWIMMING POOL OWNERS

have been informed and I understand that prior to the final inspection approval and use of my pool, I will need all the inspections approved and the required fencing installed in accordance with applicable regulations. The Florida Building Code Chapter 4 Section 24 requires private residential swimming pools, hot tubs, or non-portable spas containing water over 24 inches deep to meet the following pool barrier safety feature requirements:
--

- The pool access must be isolated by a barrier at least 4 feet high and installed around the perimeter of the pool. Unless the pool is equipped with a safety cover complying with the specifications of American Society for Testing and Materials standard F-1346-91.
- · The barrier shall not have any gaps or openings which would allow a child to crawl under, squeeze through or climb over and must be placed no less than 20 inches from the water's edge.
- · Gates located in the pool barrier must open outward away from the pool and be both self-closing and self latching, with a release mechanism not less than 54" above the standing surface at the gate.
- · The barrier must be separate from any other fence, wall, or other enclosure surrounding the yard unless the fence, wall or other enclosure or portion thereof is situated on the perimeter of the pool and meets the pool barrier requirements.
- · Where a wall of a dwelling serves as part of the barrier one of the following shall apply:
 - 1) All doors and first floor windows with a sill height of less than 48 inches providing direct access from the home
 - to the pool must be equipped with an alarm that has a minimum sound pressure rating of 85 decibels at 10 feet. The alarm shall sound immediately upon opening the window or door unless the temporary bypass mechanism is activated.
 - 2) Or; all doors providing direct access from the home to the pool must be equipped with a self-closing.

latching device with a release mechanism located at least 54 inches above the floor.

According to Florida statutes, failure to comply with these requirements is a misdemeanor of the second degree, punishable by imprisonment for up to 60 days or a fine of up to \$500, except that no penalty shall be imposed if within 45 days after arrest or issuance of a summons or notice to appear, the pool is equipped with the aforementioned safety features and the responsible person attends a drowning prevention education program developed by the Florida Department of Health. I also understand that there are several inspections required in addition to a final inspection for my swimming pool.

May Little LD, Lke City, De

Contractor Signature / Date

License Number

Columbia County Property Appraiser

DB Last Updated: 3/29/2010

Parcel: 01-5S-16-03387-012

<< Next Lower Parcel Next Higher Parcel >>

Owner & Property Info

HUBER ABRAM B 8	& ANGELA D	
P O BOX 932 LAKE CITY, FL 320	056-0932	
225 SW FINLEY LI	TTLE LN	
SINGLE FAM (000	100)	
3 (County)	Neighborhood	1516
2.050 ACRES	Market Area	01
	P O BOX 932 LAKE CITY, FL 320 225 SW FINLEY LI SINGLE FAM (000 3 (County) 2.050 ACRES	LAKE CITY, FL 32056-0932 225 SW FINLEY LITTLE LN SINGLE FAM (000100) 3 (County) Neighborhood

N 495 FT, W 180.50 FT, S 495 FT TO POB. ORB 337-164, 960-265.

2009 Tax Roll Year

Tax Collector	Tax Estimato	r Property Card
	Pa	rcel List Generator
	Interactive GI	S Map Print



Property & Assessment Values

2009 Certified Values		
Mkt Land Value	cnt: (0)	\$23,624.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (1)	\$411,664.00
XFOB Value	cnt: (5)	\$28,115.00
Total Appraised Value		\$463,403.00
Just Value		\$463,403.00
Class Value		\$0.00
Assessed Value		\$463,403.00
Exempt Value	(code: HX)	\$50,000.00
		Cnty: \$413,403
Total Taxable Value	Othe	r: \$413,403 Schl:
	5	\$438,403

2010 Working Values

NOTE:

2010 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
			NONE			

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2007	WD FR STUC (16)	4580	6651	\$396,951.00
	Note: All S.F. calculatio	ns are based	d on <u>exterior</u> buildin	ng dimensions.		

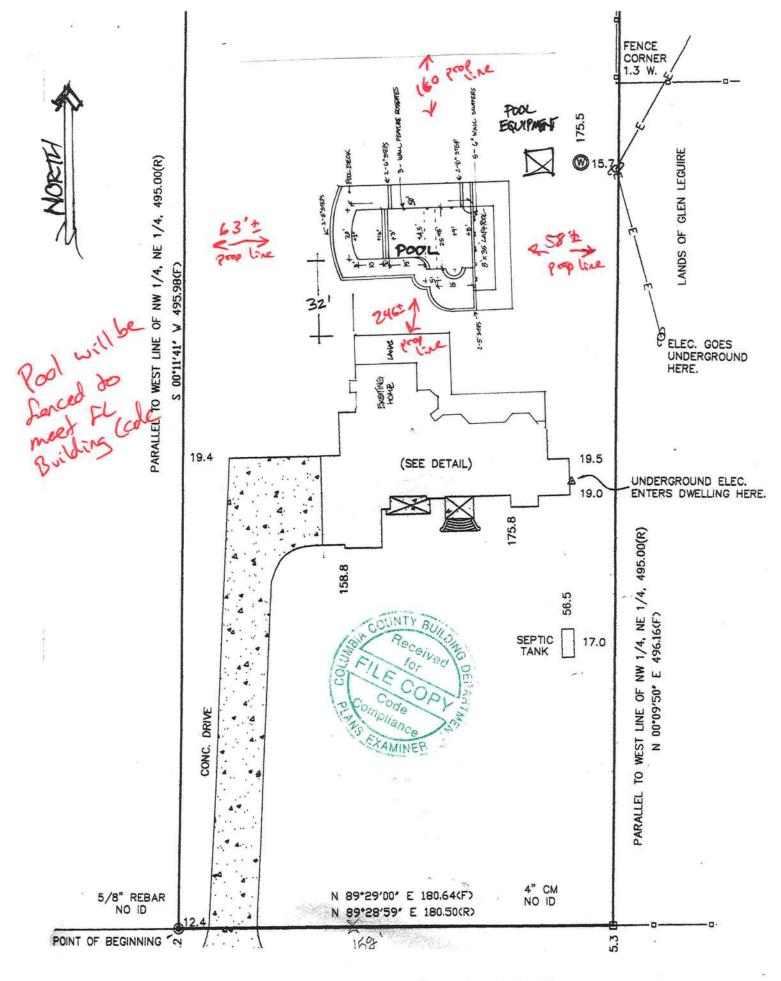
Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0180	FPLC 1STRY	2007	\$2,000.00	0000001.000	0 x 0 x 0	(00.00)
0166	CONC,PAVMT	2007	\$15,663.00	0005221.000	0 x 0 x 0	(000.00)
0021	BARN,FR AE	2007	\$9,072.00	0000648.000	24 x 27 x 0	(000.00)
0251	LEAN TO W/	2007	\$540.00	0000108.000	4 x 27 x 0	(000.00)
0251	LEAN TO W/	2007	\$540.00	0000108.000	4 x 27 x 0	(000.00)

Land Breakdown

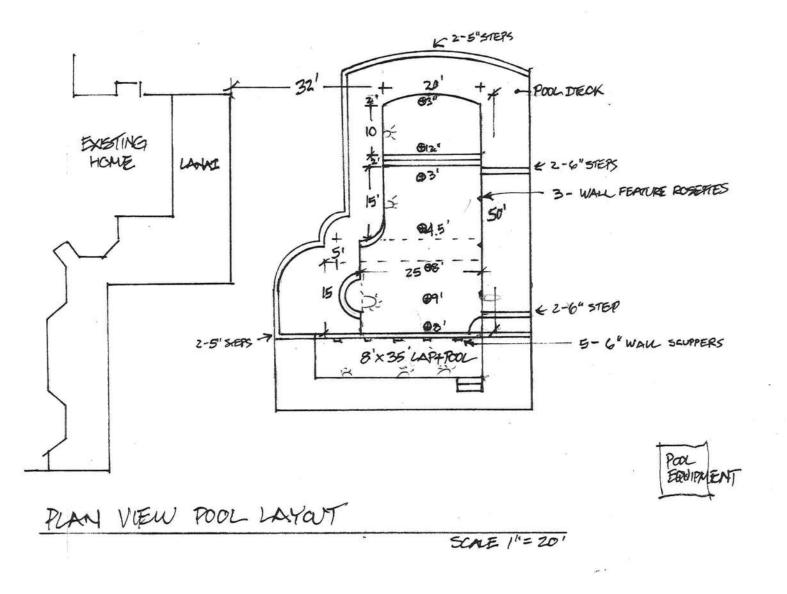
NOTICE OF COMMENCEMENT	Inst.201012006727 Date:4/28/2010 Time:11:25 AM DC, P. DeWitt Cason, Columbia County Page 1 of 1 B:1193 P:1128
Tax Parcel Identification Number 01-55-16-03387-	County Clerk's Office Stamp or Seal
THE UNDERSIGNED hereby gives notice that improvements will be made Florida Statutes, the following information is provided in this NOTICE OF	to certain real property, and in accordance with Section 713.13 of the COMMENCEMENT.
1. Description of property (legal description): a) Street (job) Address: ZZS SW Francy Ci 2. General description of improvements: ingrava SW:	He CN Loke City FC
3. Owner Information a) Name and address: b) Name and address of fee simple titleholder (if other than owne c) Interest in property Current	PORDX 937 / cho (:L. M 72054
4. Contractor Information a) Name and address: Breat Heady dla Resserved b) Telephone No.: 386-755-5300 5. Surety Information	Pads 295 NW Conners Lap Ste 115-343 AC 3205 Fax No. (Opt.)
a) Name and address: D/A b) Amount of Bond:	E- V- (C-)
6. Lender a) Name and address: b) Phone No.	Fax No. (Opt.)
7. Identity of person within the State of Florida designated by owner upon was a) Name and address:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
b) Telephone No.:	Fax No. (Opt.)
8. In addition to himself, owner designates the following person to receive a Florida Statutes: a) Name and address:	copy of the Lienor's Notice as provided in Section 713.13(I)(b).
b) Telephone No.:	Fax No. (Opt.)
Expiration date of Notice of Commencement (the expiration date is one is specified):	war from the data of war the sales
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS I STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IN COMMENCEMENT MUST BE RECORDED AND POSTED ON THE TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTO YOUR NOTICE OF COMMENCEMENT.	AFTER THE EXPIRATION OF THE NOTICE OF INDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA IPROVEMENTS TO YOUR PROPERTY; A NOTICE OF
STATE OF FLORIDA	
COUNTY OF COLUMBIA 10.	are of Owner's Authorized Office/Director/Partner/Manager
Print N	ABRAM HUBEL
	28th
Abram Huher as Owiger	day of Here!, 20 / 0, by: (type of authority, e.g. officer, trustee, attorney
fact) for	(name of party on behalf of whom instrument was executed).
Personally Known OR Produced Identification Type	RONALD N. BARKER
11/1/1/	NOTARY PUBLIC STATE OF FLORIDA ry Stamp or Seal: Commit DD968561
—AND- 11. Verification pursuant to Section 92.525, Florida Statutes. Under penalt facts stated in it are true to the best of my knowledge and belief.	**************************************

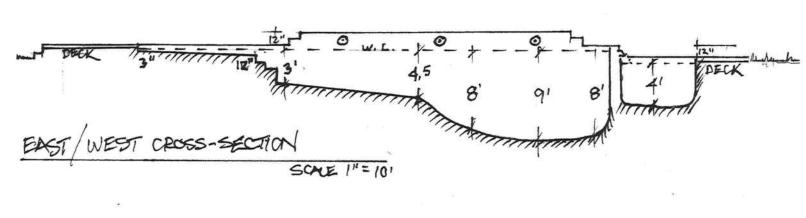
Signature of Natural Person Signing (in line #10 above.)



POOL SITE PLAN-ABBAM + ANGIE HUBER RESIDENCE

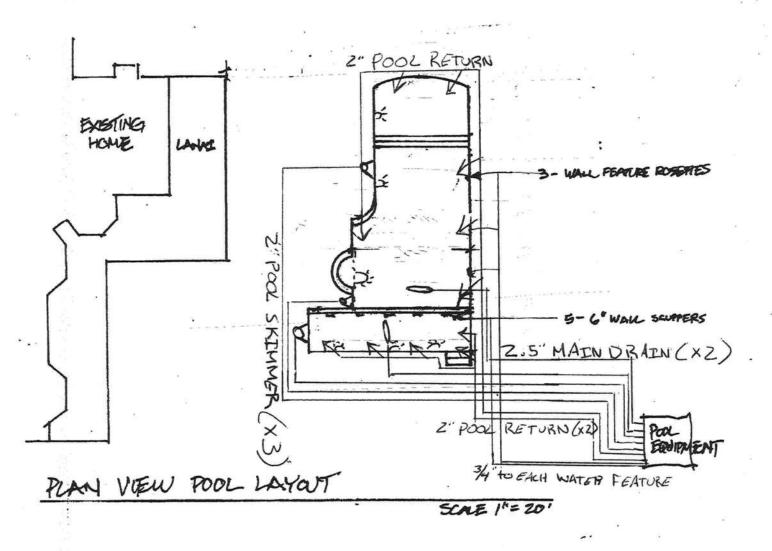
SCALE 1"=401

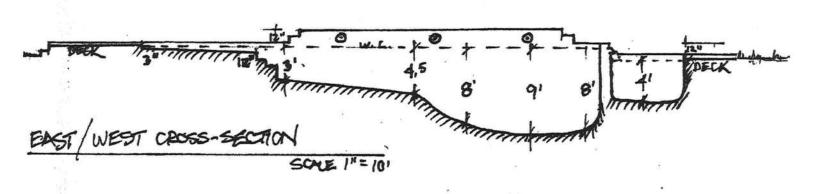




ABRAM & ANGIE HUBER POOL LAYOUT PLAN

PLUMBENG DETAIL



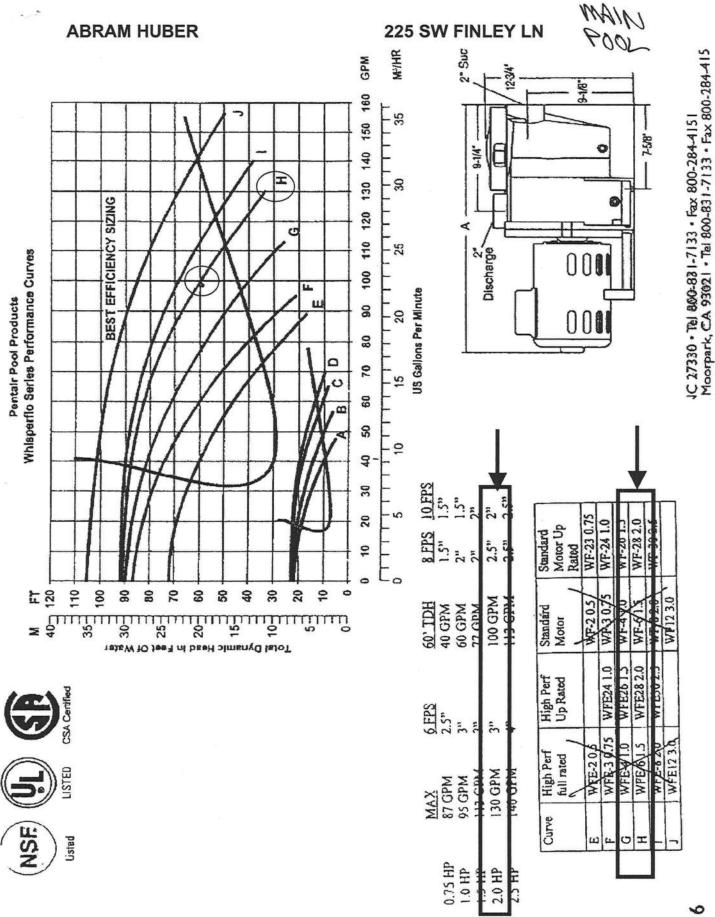


ABRAM & ANGIE HUBER POOL LAYOUT PLAN

AND MANAGEMENT SERVICES, INC.	wner: ABF
102	Droporty Add

Permit # 0	LN MAIN POOL	Lot: 0	7)	AP FEATURE	0	0	OUTLETS /				D CPM	COLUMBIA	(nch Pipe	TYY Re E Co	cei or		1		GPM GPM	Inch Pipe Inch Pipe		GPM / GPM	
Owner: ABRAM HUBER	Property Address: 225 SW FINLEY LN	Area: LAKE CITY	ation for Compliance with 2007 FBC	FILTRATION PUMP SPA PUMP		2.0 HP 0	JUM SYSTEM FLOW AT SUCTION	×			130 GPM C	GPM	Inch Pipe	Listed Suction Cover/Grate	ONE UNBLOCKABLE	AQUASTAR 32CDFL / 0	316 20 208	Frunk/Suction Bipe Sizing	100 GPM /	2.5 Inch Pipe	Pressure/Return Pipe Sizing	_	
AIMES ENGINEEKING		2	Site Specific Inform	のないとなっ	Pump Selection- Brand & Model PENTAIR WHISPERFLO	EXISTING POOL PUMP	Choose Option for DETERMINING MAXIMUM SYSTEM FLOW AT SUCTION OUTLETS	Maximum Flow from Pump- (Attach product pump curve)	Simplified TDH- (Attach pump curve & Calculation)	stailed TDH Calculation- (Attach pump curve & Calculation)	Pump Flow from Pump Curve with method indicated	Adjusted Maximum Pump Flow for sizing Branch Pipe & Suction based on number of Suction Outlets used	Minimum Branch Pipe Size given flow at 6 FPS	S. Pater S.	Number of Suction Outlets	Manufacturer Model	Maximum Flow Floor(GPM)/ Maximum Flow Wall (GPM)	Frunk/S	Flow Using Product Pump Curve at 60 FT TDH (1)	Minimum Trunk Pipe Size given flow @ 8 FPS	Pressur	Flow Using Product Pump Curve at 60 FT TDH (1)	

NOTE:(1) ANSI/APSP concludes that trunk or pressure piping may be sized at normal flow, not maximum flow as required for branch piping. Site Specific Descriptions as needed: MAY USE LARGER TRUNK SUCTION AND RETURN PIPING





32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and Three-Port Manufactured Sump

VGB Series

Product Specification Sheet

The AquaStar line of suction outlet covers, compliant with the new Virginia Graeme-Baker Pool and Spa Safety Act (ASME/ANSI A112.19.8a-2008)

Features

A single, unblockable suction outlet that exceeds the new VG8 mandate and ASME/ ANSI A112.19.8a-2008 standard

For single or multiple drain use (see iretaliation instructions for plumbing. hydrostatic valve/drain pipe and single or multi-pump connections)

Floor: 316 GPM at 3.9 lps Wall: 208 GPM at 2.6 fps

Floor: 632 GPM at 3.9 tps Walt: 416 GPM at 2.6 fps Floor/wall: 242 GPM at 1.5 fps

25.9 square inch opening

#316 stainless steel screws

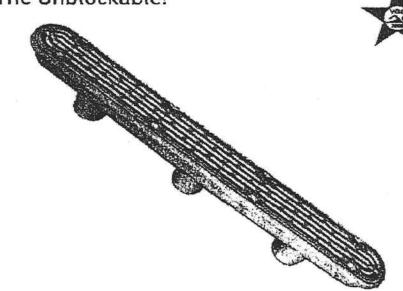
Manufactured from superior UV-resistant engineered polymers

Three ports: bottom 2 %* 00, 2.0" ID S/S; inside 2.0" threaded FPT; two 2" threaded plugs included

Meets or exceeds MSF 50/ASME/ANSI A112.19.8a-2008 national standards and ASTM G15.4 UV (esting

Listed with IMPMORAT 4 per case

The Unblockable!™



With sump (concrete pools)* Model # 32CDFLxxx

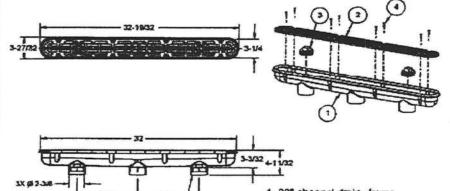
Two Drains in One!!!

*Also available for vinyl/fiberglass model # 32CDFU/xxx

Part Numbers / Colors

- ☐ 32CDFL101 White*
- 32CDFL102 Black*
- 32CDFL103 Lt. Gray*
- 32CDFL104 Blue*
- 32CDFL105 Dk. Gray* 32CDFL106 Bone*
- 32CDFL107 Taupe*
- 32CDFL108 Tan*

VGB 2008 Compliant



1. 32" channel drain, frame 2. 32" channel drain, cover, flat

3. 32" channel drain, plug

4. #10 flat head phillips scraw, qty 8

P 877-768-2717 F 877-276-POOL info@aquastarpoolproducts.com www.aquastarpoolproducts.com

*PROUDLY MADE *IN THE USA

Owner: ABRAM HUBER

Permit #

LAP POOL

Lot: 0

0

225 SW FINLEY LN

Site Specific Information for Compliance with 2007 FBC Area: LAKE CITY Property Address:

FEATURE	0	/ 0 /					MdD	CAPM		\\Inch Pipe		0/	\ 0 /	\ //	
SPA PUMP	, 0	/ 0 /	AT\SUCTION OUTLETS				GPM	Md/b	/ /	/Inch Pipe		X	0/	/ / /	/
FILTRATION PUMP	PENTAIR WHISPERFLO	1.5 HP	MUM SYSTEM FLOW	×			113 GPM	GPM		N/A Inch Pipe	Listed Suction Cover/Grate	ONE UNBLOCKABLE	AQUASTAR 32CDFL	316 / 208	Trunk/Suction Pine Sizing
	Pump Selection- Brand & Model PENTAIR WHISPERFLO	EXISTING POOL PUMP	Choose Option for DETERMINING MAXIMUM SYSTEM FLOW AT SUCTION OUTLETS	Maximum Flow from Pump- (Attach product pump curve)	Simplified TDH- (Attach pump curve & Calculation)	Detailed TDH Calculation- (Attach pump curve & Calculation)	Pump Flow from Pump Curve with method indicated	Adjusted Maximum Pump Flow for sizing Branch Pipe &	Suction based on number of Suction Outlets used	Minimum Branch Pipe Size given flow at 6 FPS	Listed	Number of Suction Outlets	Manufacturer & Model	Maximum Flow Floor(GPM)/ Maximum Flow Wall (GPM)	Trunk/s

NOTE:(1) ANSI/APSP concludes that trunk or pressure piping may be sized at normal flow, not maximum flow as required for branch piping.

Inch Pipe

Inch Phpe

2 Inch Pipe

Minimum Pressure Pipe Size given flow @ 10 FPS

Flow Using Product Pump Curve at 60 FT TDH (1)

77 GPM

GPM

Pressure/Return Pipe Sizing

GPM

Inch Pip GPM

Inch Pipe

2 Inch Pipe

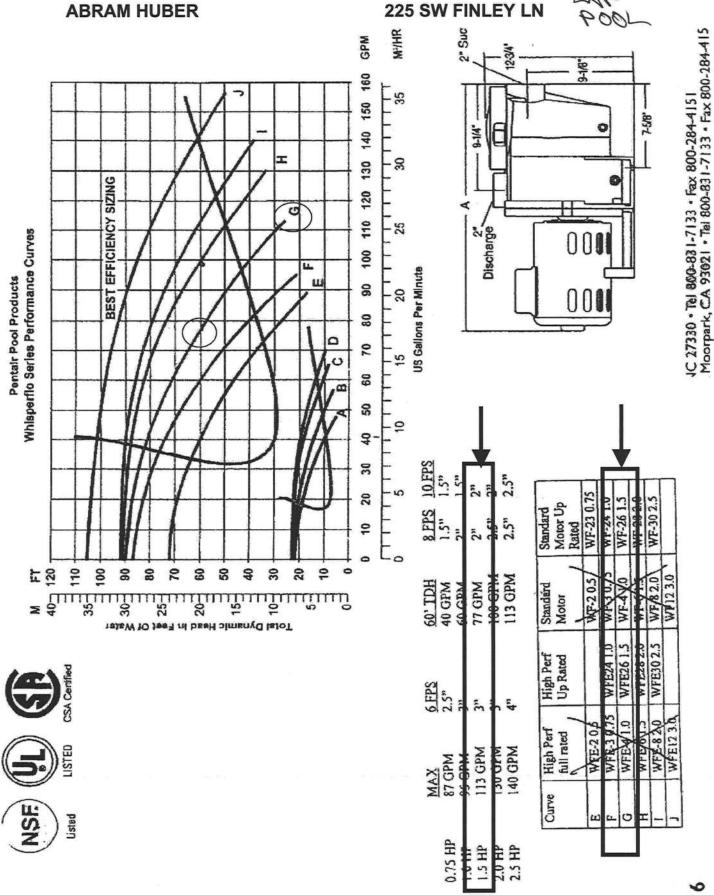
Minimum Trunk Pipe Size given flow @ 8 FPS

Flow Using Product Pump Curve at 60 FT TDH (1)

77 GPM

GPM

Site Specific Descriptions as needed: MAY USE LARGER TRUNK SUCTION AND RETURN PIPING





32" Channel Drain Flat Grate
Anti-Entrapment Suction Outlet Cover
and Three-Port Manufactured Sump

VGB Series

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Dual Roon: 632 GPM at 3.9 fps Walt: 416 GPM at 2.6 fps Roor/well: 242 GPM at 1.5 fps

25.9 square inch opening

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

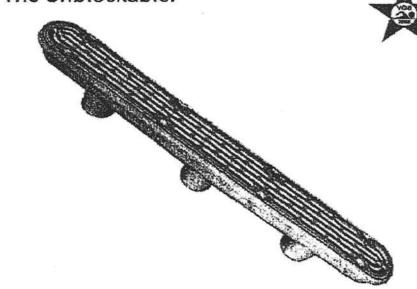
Three ports: bottom 2 % * OD, 2.0 * ID S/S; inside 2.0 * threaded FPT; two 2 * threaded plugs included

Meets or exceeds NSF 50/ASME/ANSI A112.19.8a-2008 national standards and ASTM G154 UV resting

Listed with IAPMO RAT

4 per case

The Unblockable!™



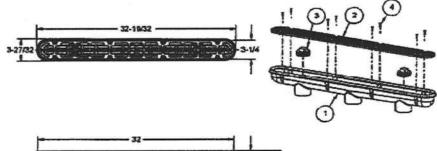
With sump (concrete pools)*
Model # 32CDFLxxx

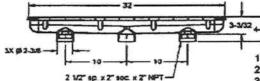
Two Drains in One!!!

*Also available for vinyl/fiberglass model # 32CDFLVxxx

Part Numbers / Colors

- 32CDFL101 White*
- 32CDFL102 Black*
- 32CDFL103 Lt. Gray*
- 32CDFL104 Blue*
- 32CDFL105 Dk. Gray* 32CDFL106 Bone*
- 32CDFL107 Taupe*
- 32CDFL108 Tan*
 VGB 2008
 Compliant





- 1. 32" channel drain, frame
- 2. 32" channel drain, cover, flat
- 3. 32" channel drain, plug
- 4. #10 flat head phillips screw, qty 8

P 877-768-2717 F 877-276-POOL info@aquastarpoolproducts.com www.aquastarpoolproducts.com

* *PROUDLY MADE

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER	CONTRACTOR	Boot Hardy	Pasagon	Parts PHONE 386	-984-091	7
THIS	FORM MUST BE SUBMITTED PRIC	7,1				

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

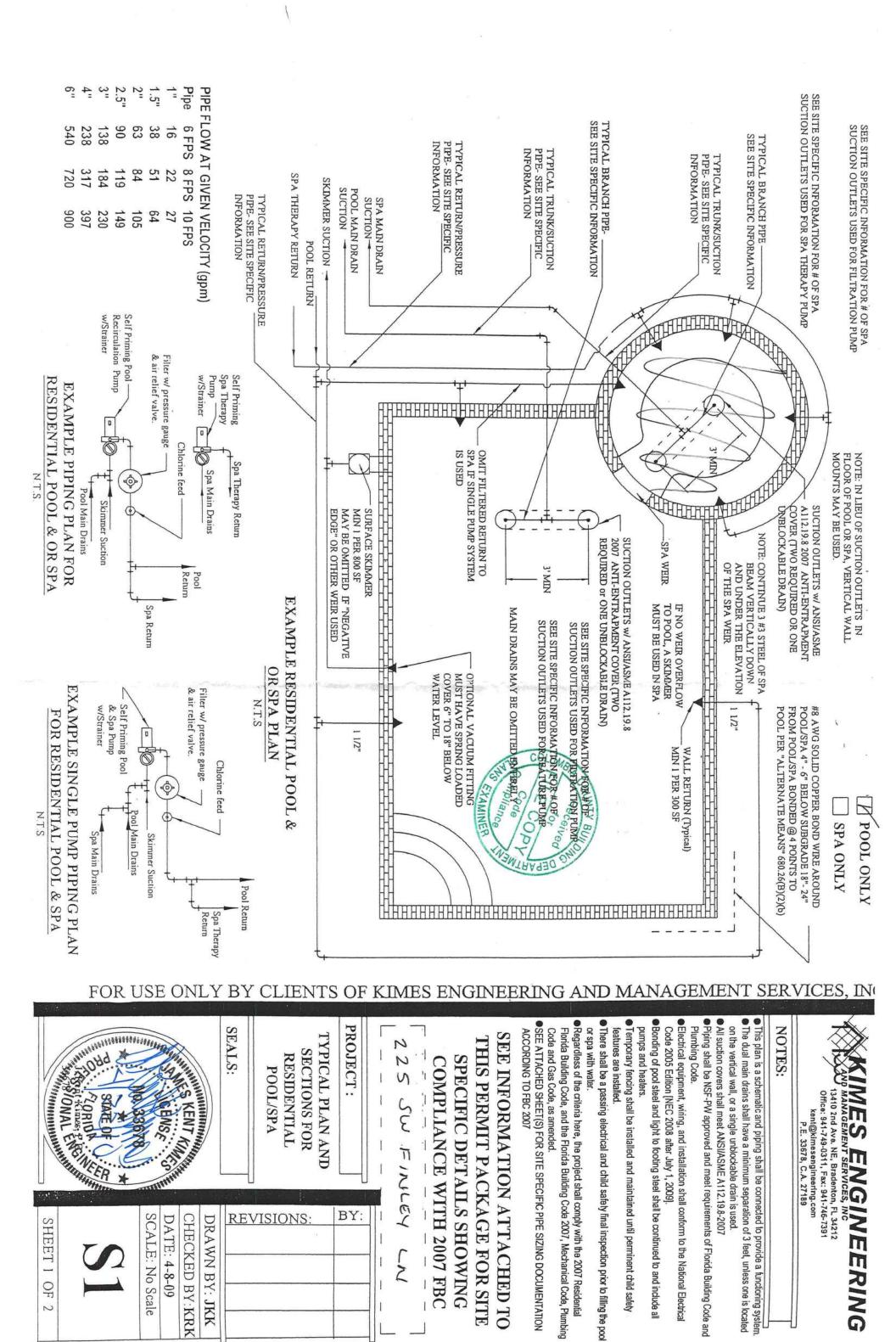
Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name	Signature Phone #:
MECHANICAL/ A/C	Print NameLicense #:	SignaturePhone #:
PLUMBING/ GAS	Print NameLicense #:	SignaturePhone #:
ROOFING	Print Name License #:	SignaturePhone #:
SHEET METAL	Print Name License #:	SignaturePhone #:
FIRE SYSTEM/ SPRINKLER	Print Name License#:	Signature Phone #:
SOLAR	Print Name License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			104
CONCRETE FINISHER		/	
FRAMING		1/2	
INSULATION			
STUCCO	10		
DRYWALL .			
PLASTER	M		
CABINET INSTALLER		1	
PAINTING	50		
ACOUSTICAL CEILING	1		
GLASS		11/6	
CERAMIC TILE			
FLOOR COVERING	N		
ALUM/VINYL SIDING	//		
GARAGE DOOR			
METAL BLDG ERECTOR			

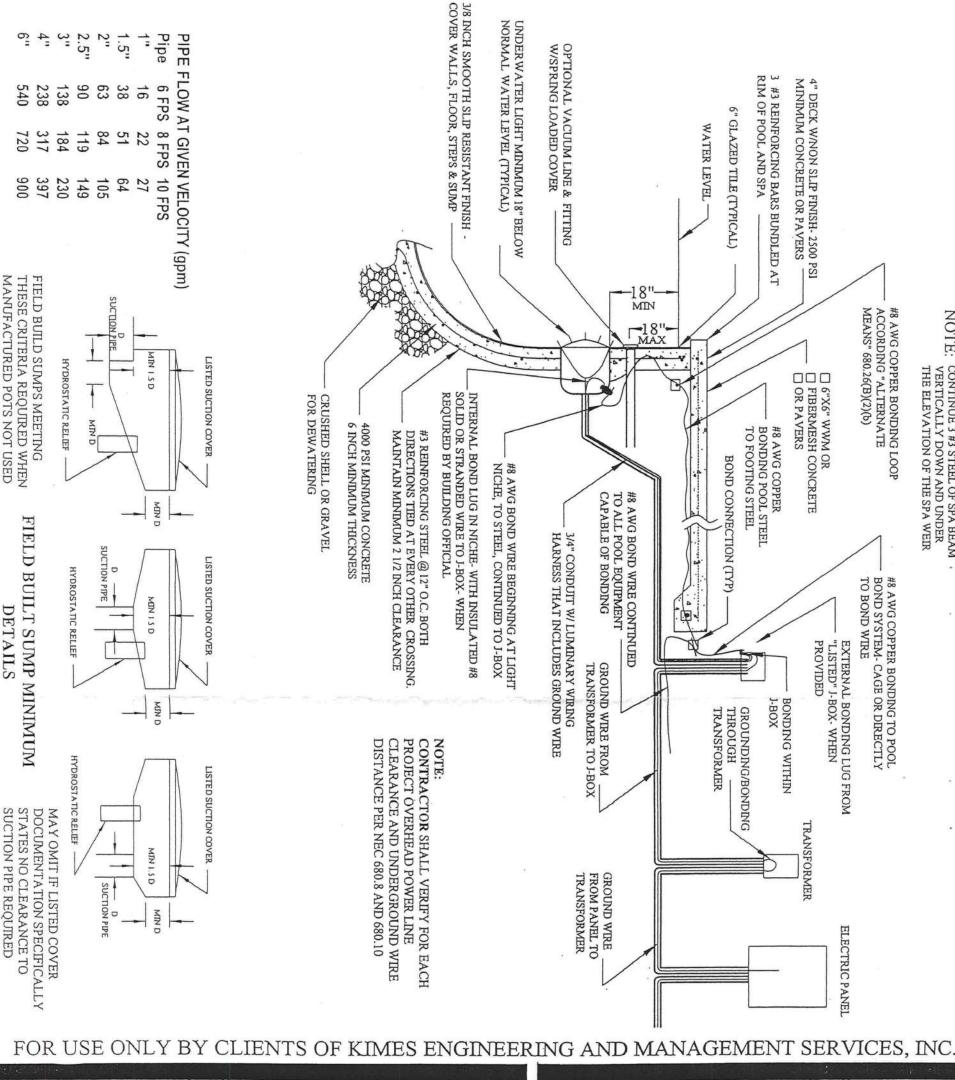
F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Forms: Subcontractor form: 6/09



QF







13410 2nd Ave. NE, Bradenton, FL 34212 Office: 941-749-0311, Fax: 941-746-7391 .E. 33678, C.A. 27189

NOTES:

- This plan is a schematic and piping shall be connected to provide a functioning
- Pool piping shall hold a static water or air pressure not less than 35 psi for 15 minutes, per R4101.12.1.
- Pools shall have pumps selected to provide minimum 12 hour turnover
- Determine pipe sizing from attached work sheet.
- Spa piping determined from attached work sheet
- Piping shall be NSF-PW approved, anmd meet requirements of the Florida Building Code and Plumbing Code.
- Electrical equipment, wining, and installation shall conform to the National Electrical Code 2005 Edition [2008 NEC after July 1, 2009].
- Pool shall meet the applicable critera in ANSI/APSP 3, 4, 5, 6, & 7 standards
- Regardless of the criteria here, the project shall comply with the 2007 Residential Plumbing Code and Gas Code, as amended. Florida Building Code, and the Florida Building Code 2007, Mechanical Code,
- SEE ATTACHED SHEET(S) FOR SITE SPECIFIC PIPE SIZING DOCUMENTATION ACCORDING TO FBC 2007

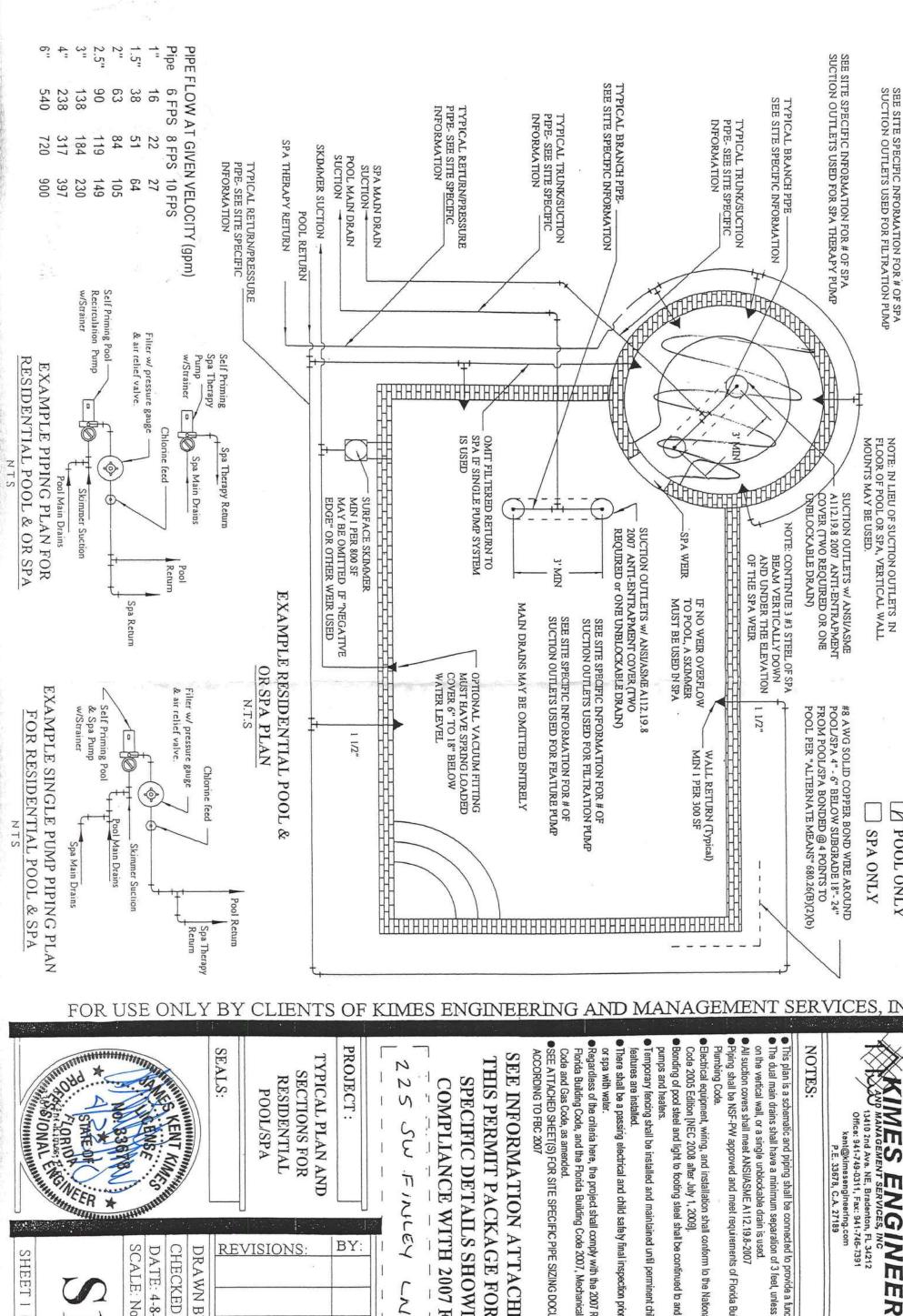
SEE INFORMATION ATTACHED TO THIS PERMIT PACKAGE FOR SITE 225 SPECIFIC DETAILS SHOWING COMPLIANCE WITH 2007 FBC SU FINCEY UN

STATE OF STATE OF THE PARTY OF	ES KENT KINDER	AND THE PROPERTY OF THE PARTY O	SEALS:	PROJECT: TYPICAL PLAN AND SECTIONS FOR RESIDENTIAL POOL/SPA	
DATE: 4-2-09	CHECKED BY: KRK	DRAWN BY: JKK	REV	/ISIONS: BY:	
	KRK	JKK			

SOUND SOUND STATE OF THE STATE SCALE: No Scale CHECKED BY: KRK DATE: 4-2-09

SHEET 2

OF



IES ENGINEERING

POOL ONLY

13410 2nd Ave. NE, Bradenton, FL 34212 Office: 941-749-0311, Fax: 941-746-7391

This plan is a schematic and piping shall be connected to provide a functioning system.

 The dual main drains shall have a minimum separation of 3 feet, unless one is located on the vertical wall, or a single unblockable drain is used.

 Piping shall be NSF-PW approved and meet requirements of Florida Building Code and All suction covers shall meet ANSI/ASME A112.19.8-2007

Electrical equipment, wining, and installation shall conform to the National Electrical

Bonding of pool steel and light to footing steel shall be continued to and include all

Temporary fencing shall be installed and maintained until perminent child safety

There shall be a passing electrical and child safety final inspection prior to filling the pool

 Regardless of the criteria here, the project shall comply with the 2007 Residential Florida Building Code, and the Florida Building Code 2007, Mechanical Code, Plumbing

SEE ATTACHED SHEET(S) FOR SITE SPECIFIC PIPE SIZING DOCUMENTATION

SEE INFORMATION ATTACHED TO THIS PERMIT PACKAGE FOR SITE SPECIFIC DETAILS SHOWING COMPLIANCE WITH 2007 FBC

BY: CHECKED BY: KRK DRAWN BY: JKK

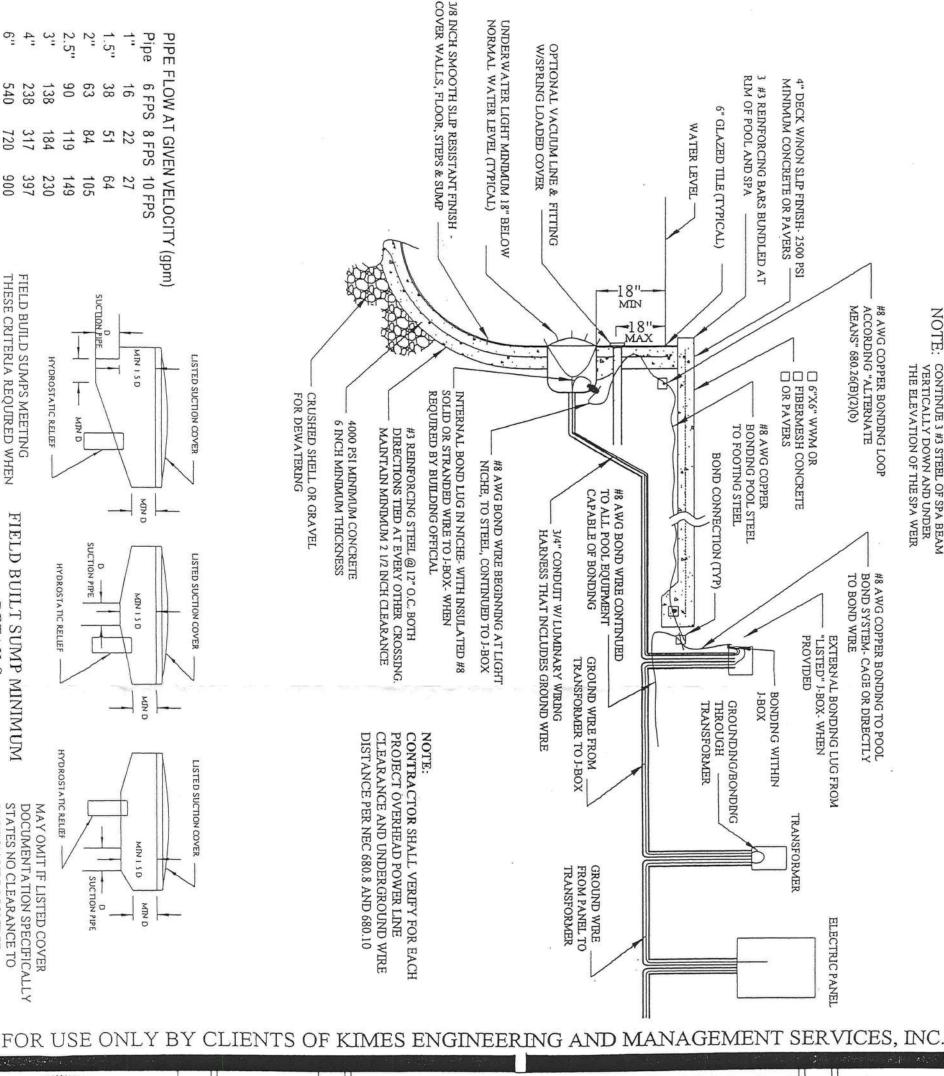
SCALE: No Scale

SHEET

OF

DATE: 4-8-09







3410 2nd Ave. NE, Bradenton, FL 34212 Office: 941-749-0311, Fax: 941-746-7391 kent@kimesengIneering.com P.E. 33678, C.A. 27189

NOTES:

- This plan is a schematic and piping shall be connected to provide a functioning
- Pool piping shall hold a static water or air pressure not less than 35 psi for 15 minutes, per R4101.121.
- Pools shall have pumps selected to provide minimum 12 hour turnover
- Determine pipe sizing from attached work sheet. Spa piping determined from attached work sheet
- Piping shall be NSF-PW approved, anmd meet requirements of the Florida Building Code and Plumbing Code.
- Electrical equipment, wining, and installation shall conform to the National Electrical Code 2005 Edition [2008 NEC after July 1, 2009]
- Pool shall meet the applicable critera in ANSI/APSP 3, 4, 5, 6, & 7 standards Regardless of the criteria here, the project shall comply with the 2007 Residential Florida Building Code, and the Florida Building Code 2007, Mechanical Code,
- SEE ATTACHED SHEET(S) FOR SITE SPECIFIC PIPE SIZING DOCUMENTATION Plumbing Code and Gas Code, as amended. ACCORDING TO FBC 2007

SEE INFORMATION ATTACHED TO THIS PERMIT PACKAGE FOR SITE SPECIFIC DETAILS SHOWING COMPLIANCE WITH 2007 FBC SU FINCEY UN

	SEALS:	TYPICAL PLAN AND SECTIONS FOR RESIDENTIAL POOL/SPA	PROJECT:	
-(1)	- Jan			100
DRAWN BY: JKK	REV	/ISIONS:	BY:	

SKENT KUMMINING SKENT SCALE: No Scale CHECKED BY: KRK DATE: 4-2-09 SHEET 2 OF

397

MANUFACTURED POTS NOT USED THESE CRITERIA REQUIRED WHEN FIELD BUILD SUMPS MEETING

FIELD BUILT SUMP MINIMUM

DETAILS

SUCTION PIPE REQUIRED STATES NO CLEARANCE TO DOCUMENTATION SPECIFICALLY MAY OMIT IF LISTED COVER

2