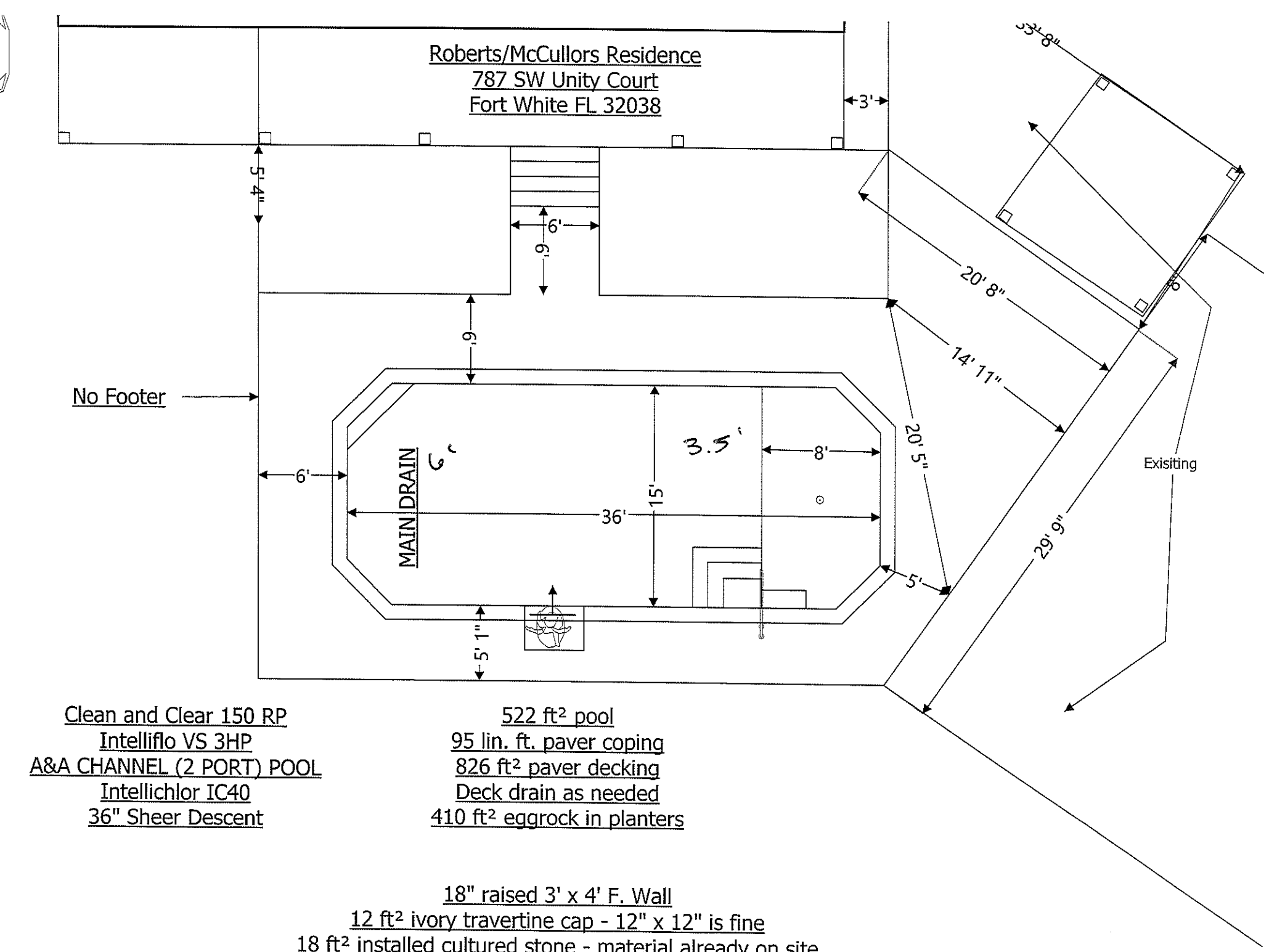


Clean and Clear 150 RP
Intelliflo VS 3HP
A&A CHANNEL (2 PORT) POOL
Intellichlor IC40
36" Sheer Descent

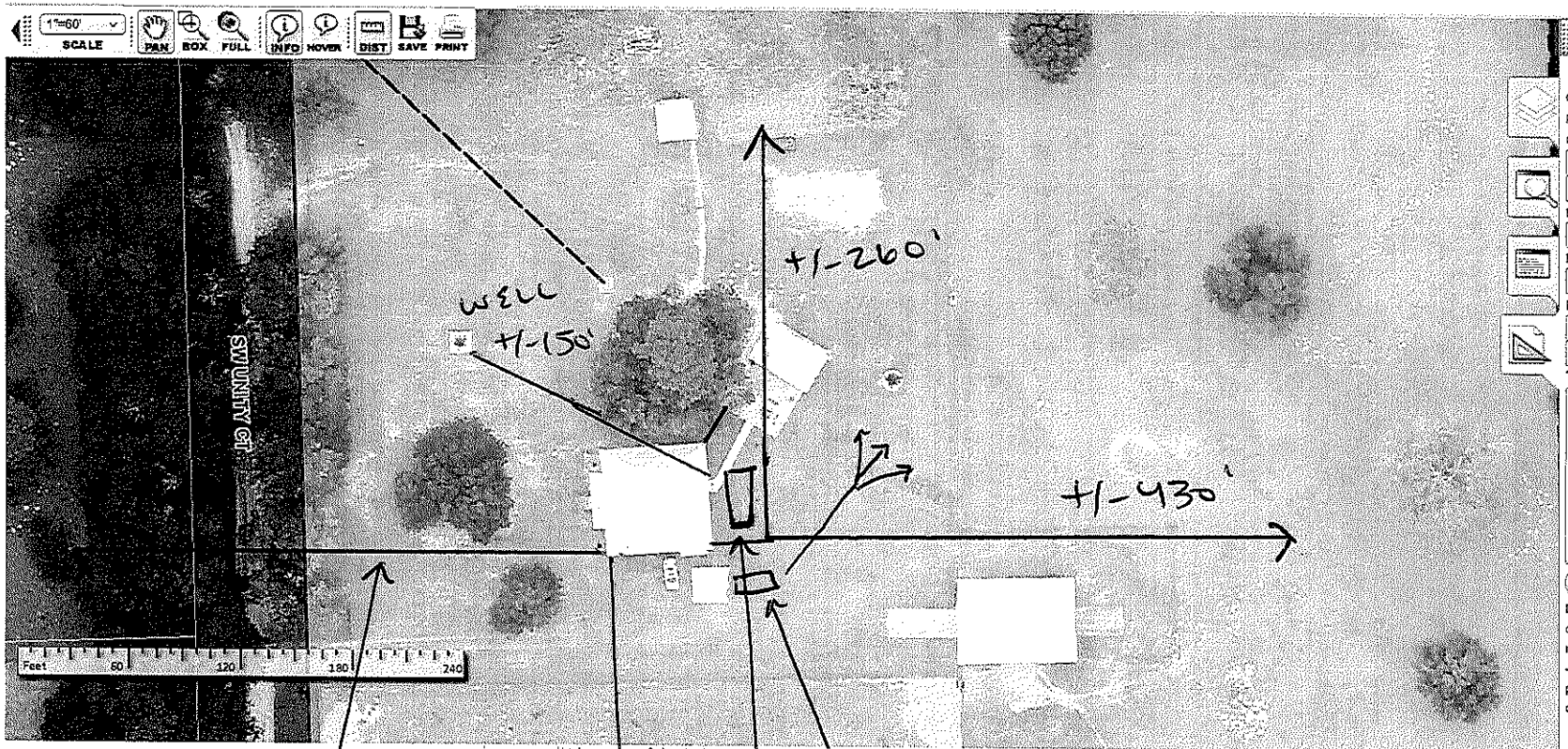
522 ft² pool
95 lin. ft. paver coping
826 ft² paver decking
Deck drain as needed
410 ft² eggrock in planters

18" raised 3' x 4' F. Wall
12 ft² ivory travertine cap - 12" x 12" is fine
18 ft² installed cultured stone - material already on site

HOME

Record Search | Search Results | Parcel Details | GIS Map

Columbia County Property Appraiser
Jeff Hampton
updated: 2/24/2022



Tools

MEASURE OUTPUT

double-click or <shift>click to close polygon

Current Segment:

234.4 ft	> 317.2
0.04 mi	> S47d09'39.9E

Running Length:

2878.27 ft	0.55 mi

Estimated Perimeter:

3109.7 ft	0.59 mi

Estimated Area:

436901.32 sqft	
0.016 sqmi	10.03 ac

Traverse Report: (show: DD | KML)

p1] 82d39'44.7W, 29d51'51.3N
p2] 82d39'44.6W, 29d51'44.9N
s1} 648.8 ft >S01d36'42.8E
p3] 82d39'37.0W, 29d51'45.0N
s2} 674.27 ft >N87d47'11.7E
p4] 82d39'37.1W, 29d51'51.4N
s3} 643.98 ft >N01d31'45.8W
p5] 82d39'44.8W, 29d51'51.3N
s4} 676.82 ft >S88d24'45.1W
p6] 82d39'42.8W, 29d51'49.7N
s5} 234.4 ft >S47d09'39.9E

<< Reset Measure Tool

DISCLAIMER: All measurements and calculations are approximations and shall not be used in any legal documents.
- For Certified maps and dimensions please contact the Property Appraiser's office.

SAVE MAP IMAGE

PRINT MAP

OPTIONS

- [x] Show Scalebar
- [ ] Auto-hide PRINT panel
- [ ] Show Zoom IN/OUT menu icons

FL North, NAD83 | xy 2551107.0800, 0318837.4000 | DMS 82°39'42.8W , 29°51'49.7N | DD -82.6619, 29.8638 | Seg: 234.4 ft > 317.2

by: GrizzlyLogic.com

KIMES ENGINEERING

ENGINEERING REPORT INDEX SHEET

pursuant to Rule 61G15-23.001(4)(b), F.A.C.

SUPPLEMENTAL INFORMATION TO THE SUBJECT RESIDENTIAL POOL/SPA PERMIT APPLICATION meeting 2020 FBC 7th Ed, Section 454.2 Private Swimming Pools

SPECIFICALLY:

- WORKSHEET SHOWING COMPLIANCE WITH ANSI 15
- SITE SPECIFIC INFORMATION SHOWING COMPLIANCE WITH ANSI 7
- TDH CALCULATION SUPPORTING ANSI 7 SUCTION OUTLET INFORMATION
- ATTACHED PRODUCT SHEETS WITH INFORMATION SUPPORTING ANSI 7 AND 15 WORK SHEETS

PROJECT INFORMATION

PROJECT CLIENT: SOUTHERN ESCAPES
PROJECT NAME: DAVID MCCULLORS & CATHY ROBERTS
PROJECT ADDRESS: 787 SW UNITY CT
LOT: M&B
AREA:
City:

J. Kent Kimes, PE, #33678
Principal Engineer

Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

This item has been electronically Signed and sealed by J. Kent Kimes, PE on date & time stamp shown using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

JAMES KENT KIMES LICENSE No. 33678 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by James K Kimes
DN: c=US, o=Kimes Engineering and Management Services Inc, ou=A01410D00000171D188C40C00009AEF, cn=James K Kimes
Reason: I am approving this document
Date: 2021.10.17 17:07:11 -04'00'
Adobe Acrobat Version: 2021.007.20099

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C.A. 27189

KIMES ENGINEERING

CLIENT SOUTHERN ESCAPES
NAME DAVID MCCULLORS & CATHY ROBERTS
ADDRESS 787 SW UNITY CT
LOT: M&B
AREA:

WORKSHEET SHOWING DATA FOR COMPLIANCE WITH ANSI/APSP- 15

ANSI 15 Filtration -

Volume of Pool Area 522 *SF x Avg Depth* 4.75 *FT = Vol* 2,480 *CF*

Vol in CF x 7.48 gal/CF = 18,548 *GALLONS*

Calculate Maximum Filtration Flow Rate: Pool Volume/ 360 = 52 *GPM [if <13,000 MAY use 36 gpm]*

ANSI 15 Auxiliary Flow *MAY USE LESS THAN THIS MAXIMUM*

Calculate Maximum Auxiliary Load Design Flow Rate: *IF AT LEAST ANSI 5 12 HR TURNOVER*

Number of Spa Jets 0 *@ 10 gpm ea.=* 0 *GPM*

Or Water Feature Flow: 30 *GPM* SHEER

ANSI 15 Flow:

[maximum ANSI 15 Filtration Flow, minimum 12 hour turnover] 52 *GPM*

Actual Turnover at ANSI 15 Flow 6.0 *HR*

PUMP FROM APSP LISTING

Select a pump with Curve A (pools <17,000 gal) or Curve C (pools >17,000 gal) flow equal to or less than ***ANSI 15 Filtration Flow****. May select a multi speed pump with flows acceptable for the* ***ANSI 15 Auxiliary Flow****, with acceptable Curve A or C listed flows. Curve A or C flows listed have no relationship or requirement related to* ***ANSI 15 Auxiliary Flow****.*

Pump Make & Model: PENTAIR INTELLIFLO VS 3HP

Pump Flow Rate(s) from Listing: @ Low/Single speed 22 *GPM, & @ High Speed* 100 GPM

Pump Control: Filtration Pump has no auxiliary load: X *, time clock to be installed.*

Filtration Pump with auxiliary load: Control for low speed default w/in 24 hrs: SELF CONTAINED
Make/model

Size filter on "FILTRATION Flow"

Filter Rates: Cartridge= 0.375 gpm/sf; Sand= 15 gpm/sf; DE= 2 gpm/sf

Filter size: ***ANSI 15 Flow*** 52 *GPM /* 0.375 *gpm/sf =* 137.4 *SF Min Filter Size*

See pool plan for filter model or show here: PENTAIR CCRP150, 150SF

ANSI 7 Flow: ***see Site Specific Information Sheet***

ANSI 5 Flow: *Depending on the pipe, use any of the ANSI 15 Filtration, or ANSI 15 flows or the flow at 60 ft TDH on the*
See flow vs velocity vs pipe size on Standard Engineering.
See summary of pipe sizes on ANSI 7 Site Specific Information Sheet

HEATER MODEL: N/A

GAS HEATER EFFICIENCY RATING: *with no pilot light [min 82%]*

HEAT PUMP EFFICIENCY C.O.P.: *[min 4.0]*

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KIMES ENGINEERING

CLIENT SOUTHERN ESCAPES
NAME DAVID MCCULLORS & CATHY RO
ADDRESS 787 SW UNITY CT
Lot: M&B
Area:

SITE SPECIFIC INFORMATION FOR COMPLIANCE WITH ANSI/APSP-7

METHOD OF DETERMINING ANSI 7 PUMP FLOW — Detailed TDH Curve & Calc: X

SUCTION OUTLET FOR: FILTRATION PUMP

Manufacturer & Model: PENTAIR INTELLIFLO VS 3HP

Pump Flow from Pump Curve with method indicated: 117 *GPM*

ANSI/APSP/ICC-7 2013 ADOPTED IN 2020 FBC 7TH ED NO LONGER SIZES BRANCH OR TRUNK SUCTION BASED ON ANSI 7 FLOW

LISTED SUCTION OUTLET COVER/GRATE- POOL OUTLET

Number of Suction Outlets: ONE UNBLOCKABLE — Manufacturer & Model: A&A CHANNEL (2 PORT)

APPROVED Maximum Outlet Flow (GPM) — Floor: 227 *GPM* Wall: 184 *GPM*

BRANCH DRAIN 6 FPS @ ANSI 15 FLOW	NA	*(in)*	-- USE	NA	*(in)*
TRUNK SUCTION 6 FPS @ ANSI 15 FLOW	2	*(in)*	-- USE	2.5	*(in)*

SUCTION OUTLET FOR: NOT USED

Manufacturer & Model

Pump Flow from Pump Curve with method indicated: *GPM*

ANSI/APSP/ICC-7 2013 ADOPTED IN 2020 FBC 7TH ED NO LONGER SIZES BRANCH OR TRUNK SUCTION BASED ON ANSI 7 FLOW

LISTED SUCTION OUTLET COVER/GRATE- SPA OUTLETS

Number of Suction Outlets: — Manufacturer & Model:

APPROVED Maximum Outlet Flow (GPM) — Floor: *GPM* Wall: *GPM*

BRANCH DRAIN 6 FPS @ ANSI 15 FLOW		*(in)*	-- USE		*(in)*
TRUNK SUCTION 6 FPS @ ANSI 15 FLOW		*(in)*	-- USE		*(in)*

ANSI 15 FLOW= 52 *GPM*

MINIMUM CIRCULATION LINES SIZED ON ANSI 15 FLOW PIPE SIZE SUMMARY

MIN. DRAIN/BRANCH/TRUNK/SKIMMER SUCTION:	2	*(in) ANSI 15 Flow @ 6 FPS*
FILTRATION RETURNS:	2	*(in) ANSI 15 Flow @ 8 FPS*
SPA AUXILIARY RETURN:		*(in) ANSI 5 Flow @ 8 FPS*
2ND AUXILIARY RETURNS:	1.5	*(in) ANSI 5 Flow @ 8 FPS*
OPTIONAL VACUUM OR SWEEP LINE:	1.5	*(in) ANSI 5 Flow @ 8 FPS*

SPA AUX. FLOW 0 *GPM*

2ND AUX. FLOW 30 *GPM*

NOTES: LINE SIZES DEFINED FOR EFFICIENT OPERATION
SUCTION OULET COVER/GRATE MEETS ANSI 7 FLOW
FOR POOL USE ONE UNBLOCKABLE A&A CHANNEL (2 PORT) DRAIN. NO BRANCH PIPE REQD.

USE 2.5" DRAIN SUCTION LINES TO PUMP

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C.A. 27189

KIMES ENGINEERING

CLIENT SOUTHERN ESCAPES
NAME DAVID MCCULLORS & CATHY ROBE
ADDRESS 787 SW UNITY CT
LOT: M&B
AREA:

	POOL ONLY		
	Suction	*Pressure*	*Equipment*
Pipe Size (in.)	*2.5"*	*2"*	*2"*
Pipe Length (100% flow)	*20*	*14*	*15*
#EL fittings	*5*	*5*	*5*
#T Run fittings	*2*	*2*	*1*
#T Branch fittings	*1*	*1*	*1*
Gate Valves	*0*	*0*	*0*
# 3 Way valves	*1*	*1*	*1*

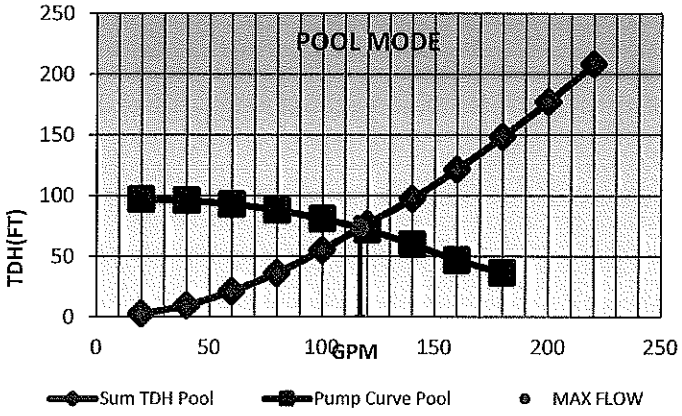
This calculation assumes worst case with 100% suction from drain and none from skimmer.

This calculation is conservative in that it omits the velocity head on the pressure side beyond the first split of return lines.

Pump Curve PENTAIR INTELLIFLO VS 3HP
Filter: PENTAIR CCRP150, 150SF
Heater: NA
Return Fittings 3

Head loss based on Hazen-Williams equation, where c=150
Head Loss per 100 ft =0.2083 (100/c) $^{1.852}$ **q* $^{1.852}$ */d* $_h$ $^{4.8655}$

	DETAILED TDH POOL MODE										
Sum of Pipe Friction	1.9	7.0	14.7	25.1	37.9	53.2	70.8	90.6	112.7	137.0	163.4
Filter(s)	0.0	0.4	1.7	3.7	6.5	9.3	10.3	12.2	14.1	16.0	17.9
Return Fitting(s)	0.8	1.5	3.3	5.0	7.4	10.0	11.2	13.1	14.9	16.8	18.7
Salt System	0.0	0.7	1.4	2.3	3.3	4.3	5.0	5.9	6.7	7.6	8.5
Heater(s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sum TDH (FT H_2O*)*	**2.7**	**9.6**	**21.1**	**36.1**	**55.1**	**76.8**	**97.3**	**121.8**	**148.5**	**177.4**	**208.5**
Flow (GPM)	20	40	60	80	100	120	140	160	180	200	220



	POOL MODE	
MAXIMUM:	117 GPM @ 73' TDH	
NO BRANCH PIPE REQD. FOR UNBLOCKABLE DRAINS.	NA	*(in)*
RECOMMENDED MIN. TRUNK SUCTION TO EQUIP:	2.5	*(in)*

- For Client Use Only -

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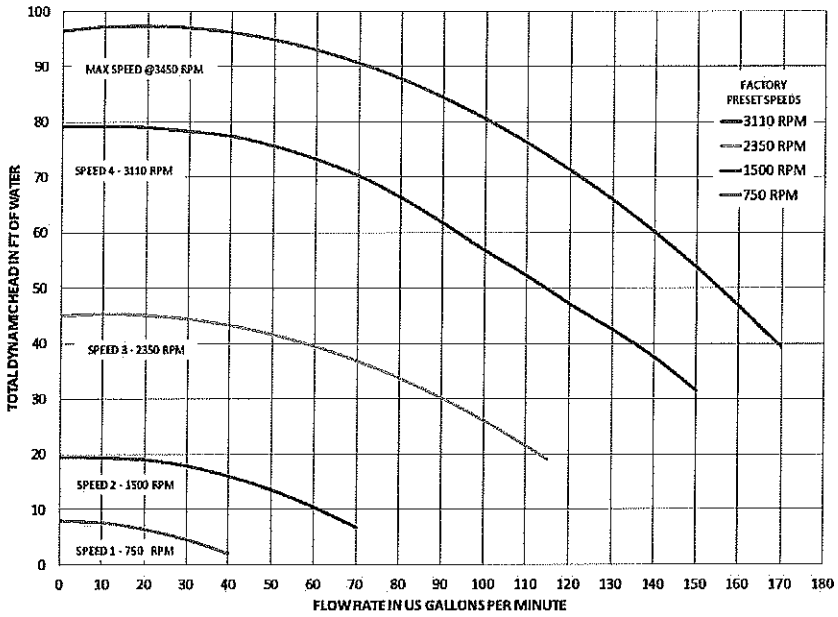
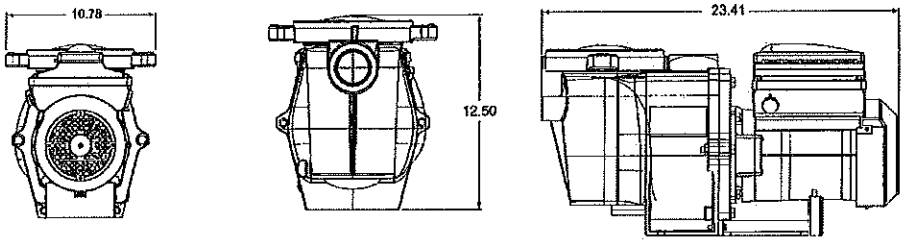
INTELLIFLO® VARIABLE SPEED

HIGH PERFORMANCE PUMP (CONT'D)

Dimensions and Performance



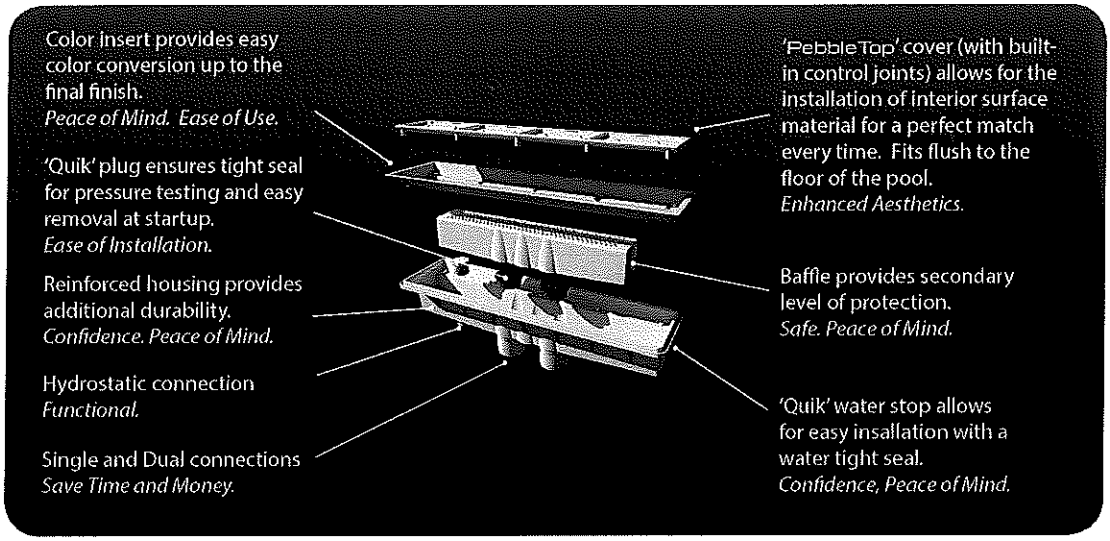
Note: IntelliFlo VS+SVRS minimum speed is 1100 RPM



See page 510 for replacement parts.

DAVID MCCULLORS & CATHY ROBERTS	787 SW UNITY CT

anatomy of the avsc drain

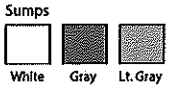


item numbers

	AVSC Drain (Standard Cover)		AVSC Drain (PebbleTop Cover)		Cover		Inserts
Color	*Single*	*Dual*	*Single*	*Dual*	*PebbleTop*	*Standard*	
White	571840	571903	571444	571508	571831	552892	553799
Gray	571858	571911	571452	57151 6	571815	552905	553801
Light Gray	571891	571954	571495	571559	571823	562741	562741
Black	571866	571920	571461	571524	571786	556121	561836
Gold	571882	571946	571487	571541	571807	556113	561844
Dark Blue	571874	571938	571479	571532	571794	558803	561852

Available Colors

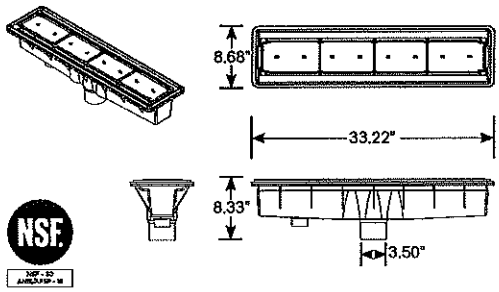
Sumps



Color Inserts

PebbleTop & Standard Covers

Rated Flow (Floor Only): 237 (Single) / 237 (Double)
Rated Flow (Floor Only): 237 (Single) / 237 (Double)



NSF

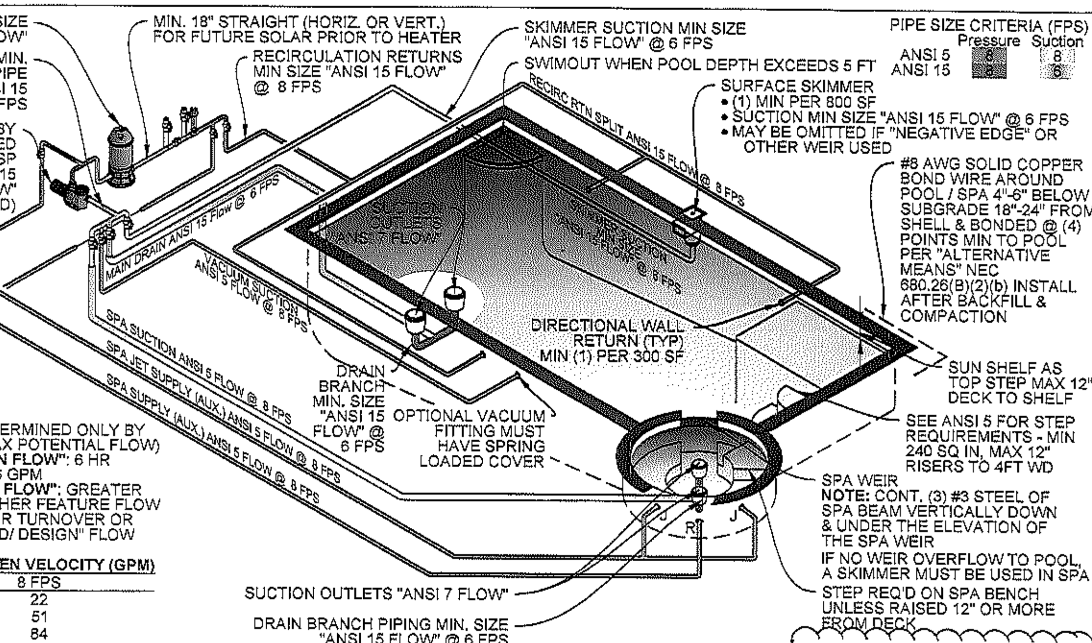
PROUDLY MADE IN THE USA

Developed and Manufactured by A&A Manufacturing
3750 West Indian School Road
Phoenix, AZ 85019
800-851-8492 | 602-256-6935 | aamfg.com

A&A MANUFACTURING Enhancing People's Lives

technology

PebbleTop cover is molded exclusively for A&A Manufacturing by ColorMatch Pool Fittings U.S. Patent Numbers: 6,209,586 / 6,340,035 / 6,557,588 and other patents pending



PIPE SIZE CRITERIA (FPS)

	Pressure	Suction
ANSI 5	8	8
ANSI 15	8	6

- **"ANSI 7 FLOW"**: DETERMINED ONLY BY TDH CALC (E.G. MAX POTENTIAL FLOW)
- **"ANSI 15 FILTRATION FLOW"**: 6 HR TURNOVER, MIN 36 GPM
- **"ANSI 15 AUXILIARY FLOW"**: GREATER OF SPA JET OR OTHER FEATURE FLOW
- **"ANSI 5 FLOW"**: 12 HR TURNOVER OR OTHER "ESTIMATED/ DESIGN" FLOW

PIPE FLOW AT GIVEN VELOCITY (GPM)

PIPE	6 FPS	8 FPS
1"	16	22
1-1/2"	38	51
2"	63	84
2-1/2"	90	120
3"	138	185
4"	238	318
6"	541	721

DIGITAL SIGNATURE INDEX SHEET FOR SHTS S1 S2 PER RULE 61G15-23.001(4)(b), F.A.C.

1 TYPICAL RESIDENTIAL POOL / SPA SCHEMATIC PLAN

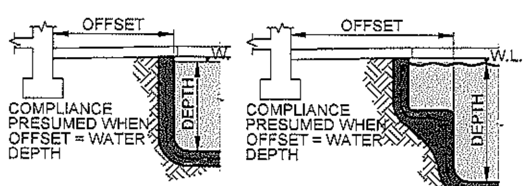
SCALE: N.T.S.

NOTES:

- THIS PLAN IS SCHEMATIC & PIPING SHALL BE CONNECTED TO PROVIDE A FUNCTIONING SYSTEM.
- POOL PIPING SHALL HOLD A STATIC WATER OR AIR PRESSURE NOT LESS THAN 35 PSI FOR 15 MINUTES, PER R4501.12.1
- POOLS SHALL HAVE PUMPS SELECTED TO PROVIDE MINIMUM 12 HR. TURNOVER & MAXIMUM 6 HOUR TURNOVER.
- DETERMINE PIPE SIZING FROM ATTACHED ANSI WORK SHEETS.
- SPA PIPING DETERMINED FROM ATTACHED WORK SHEETS.
- DUAL MAIN DRAINS SHALL HAVE A MINIMUM SEPARATION OF 3 FT, UNLESS ONE IS LOCATED ON A VERTICAL WALL OR A SINGLE UNBLOCKABLE DRAIN IS USED.
- ALL SUCTION COVERS SHALL MEET ANSI/APSP/ICC-16 2017
- ALL PIPING SHALL BE NSF-PW APPROVED & MEET THE REQUIREMENTS OF 7TH ED. (2020) FBC.
- ELECTRICAL EQUIPMENT, WIRING, & INSTALLATION SHALL CONFORM TO THE NFPA 70- 2017 EDITION.
- BONDING OF POOL STEEL & LIGHT TO FOOTING STEEL SHALL BE CONTINUED TO & INCLUDE ALL PUMPS & HEATERS.
- TEMPORARY FENCING SHALL BE INSTALLED & MAINTAINED UNTIL PERMANENT CHILD SAFETY FEATURES ARE INSTALLED.
- THERE SHALL BE A PASSING ELECTRICAL & CHILD SAFETY FINAL INSPECTION PRIOR TO FILLING THE POOL OR SPA WITH WATER.
- POOL SHALL MEET THE APPLICABLE CRITERIA IN ANSI/APSP 3,4,5,6, 7 & 15 STANDARDS ADOPTED IN 7TH ED. (2020) FBC
- REGARDLESS OF THE CRITERIA HERE, THE PROJECT SHALL COMPLY WITH ALL SECTIONS OF THE 7TH ED. (2020) FBC - RESIDENTIAL, BUILDING, MECHANICAL, PLUMBING & GAS CODES, AS APPLICABLE RESPECTIVELY & AMENDED.

SEE INFORMATION ATTACHED TO THIS PERMIT PACKAGE FOR SITE SPECIFIC DETAILS SHOWING ANSI 7 & 15 AND FBC COMPLIANCE

FBC NO LONGER REQUIRES EXCAVATIONS OUT OF THE "ANGLE OF REPOSE PLUS 1 FT". THE CURRENT REQUIREMENT IN 7TH ED (2020) FBC, SECTION 1804.1 STATES THAT "EXCAVATIONS SHALL NOT REMOVE VERTICAL OR LATERAL SUPPORT FROM ANY FOUNDATION." THEREFORE THE FOLLOWING IS REQUIRED:



"ANGLE OF REPOSE" OR SEE CONTRACTOR PLAN

1. WHEN THE POOL DECK DISTANCE IS EQUAL TO OR GREATER THAN WATER DEPTH, NO MITIGATION OF THE SHELL STRUCTURE IS REQUIRED , AND NO SHORING OR FOUNDATION SUPPORT INITIALLY REQUIRED.
2. WHEN THE POOL DECK DISTANCE IS LESS THAN THE WATER DEPTH, THE ENGINEER SHALL PROVIDE A MITIGATION SPECIFICATION, EITHER TO PROTECT THE FOUNDATION DURING EXCAVATION OR STRENGTHEN THE SHELL FROM STRUCTURE LOADS.
3. IF DURING EXCAVATION, SOIL CONDITIONS APPEAR TO LEAD TO LOSS OF FOUNDATION SUPPORT, THE CONTRACTOR SHALL CEASE EXCAVATION AND CONTACT THE ENGINEER FOR MITIGATION SPECIFICATIONS.
4. IF AFTER EXCAVATION THE CONTRACTOR OR INSPECTOR FIND A LOSS OR THREATENED LOSS OF SOIL SUPPORT AT THE FOUNDATION, CONTACT THE ENGINEER FOR A MITIGATION SPECIFICATION.

2 PROXIMITY TO STRUCTURE

SCALE: N.T.S.

NOTE TO REVIEWER:
DETAILED TDH CALCULATIONS ARE REQUIRED TO DETERMINE ANSI 7- SUCTION ENTRAPMENT COMPLIANCE

COMPLIES WITH 7TH ED. (2020) FBC, ALL VOLUMES

THIS DOCUMENT VALID ONLY 12 MONTHS FROM DATE SIGNED

JAMES KENT KIMES LICENSE No. 38678 STATE OF FLORIDA PROFESSIONAL ENGINEER

KIMES ENGINEERING
3990 SR 64 E. Bradenton, FL 34208 Office: 941-749-0311 C.A. 27189

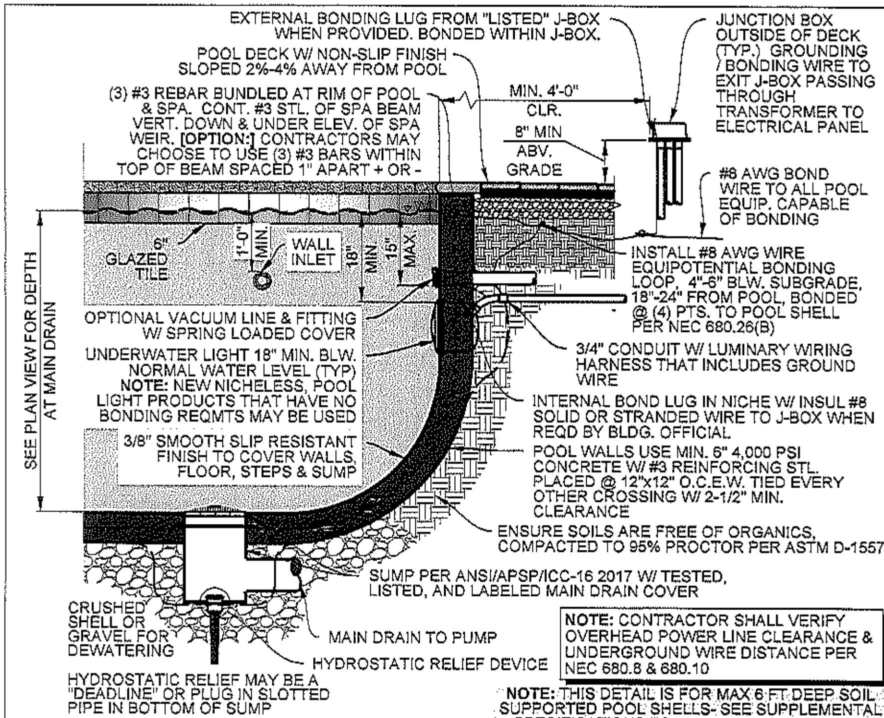
REV.	DATE	DESCRIPTION
PROJ. NO.: KE_RSTD	DWG BY: MCM	CKD BY: JKK	DRAWING: 01-Jan-21	VERSION: 21-Dec-20

787 SW UNITY CR
SOUTHERN ESCAPES

TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA

SHEET
S1
SHEET 1 OF 2

\\kimessrv\Company Shared Docs\2020 FBC 7TH ED\2020 FBC KE Std Eng - r5.dwg

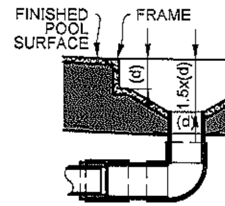


NOTE: CONTRACTOR SHALL VERIFY OVERHEAD POWER LINE CLEARANCE & UNDERGROUND WIRE DISTANCE PER NEC 680.8 & 680.10

NOTE: THIS DETAIL IS FOR MAX 6 FT DEEP SOIL SUPPORTED POOL SHELLS- SEE SUPPLEMENTAL SPECIFICATIONS FOR DEEPER STRUCTURES, LOAD SURCHARGE STRUCTURES, OR APPURTENANT STRUCTURES

1 POOL DEEP END SECTION

SCALE: N.T.S.



SPECIFIED PVC PIPE SIZE (d)
MIN. SUMP DEPTH 1.5x(d)
MIN. LEDGE DEPTH (d)
- OR -
FOR FIELD BUILT SUMPS SEE PRODUCT INSTALLATION INSTRUCTIONS

DRAIN COVERS & SUMPS a.k.a. SUCTION OUTLET FITTING ASSEMBLIES (SOFA) ANSI/APSP/ICC-16 2017

- FOLLOW THE PRODUCT SPECIFICATIONS AND/OR INSTALLATION INSTRUCTIONS FOR MIN./MAX. SUMP DIMENSIONS, DRAIN COVER/GRATE, AND FRAME FASTENING MEETING MFGR'S SOFA CERTIFICATION.
- ***DO NOT USE POWER TOOLS TO INSTALL FASTENERS***
- FIELD MODIFICATIONS TO ANY SOFA NOT AUTHORIZED BY MFGR INSTALLATION INSTRUCTIONS SHALL VOID THE SOFA CERTIFICATION
- HAND CHECK COVER/GRATE SNUGNESS TO SUMP/FRAME AFTER INSTALLATION
- SOFA COMPONENTS HELD IN PLACE BY INTERIOR FINISH OF THE POOL SHALL BE FREE OF DETERIORATION AND VOIDS

2 FIELD BUILT SUMP

SCALE: N.T.S.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
www.call811.com

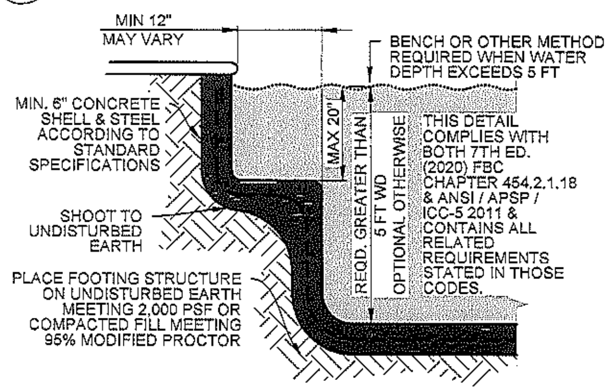
SEE DIGITAL SIGNATURE ON INDEX SHT S1

NOTES:

- APPROVED PRODUCT SPECIFICATION MAY DIFFER FROM FIELD BUILT SUMPS SHOWN ON THIS PAGE

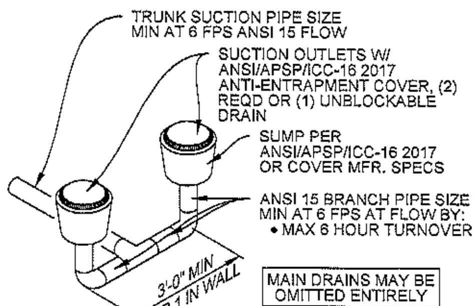
ADDITIONAL STRUCTURAL NOTES:

- USE MINIMUM ASTM A615 GRADE 40 STEEL
- LAP #3 BARS MINIMUM 15"
- LAP #5 BARS MINIMUM 25"
- 6" SHELL THICKNESS AND 2-1/2" CONCRETE COVERAGE ARE MINIMUMS
- USE 4,000 PSI CONCRETE
- CONTRACTOR / OWNER REQUIRED TO:
  - CONTACT ENGINEER IF POOL NOT PLACED ON UNDISTURBED AND DE-WATERED EARTH THAT CAN MEET 2,000 PSF BEARING CAPACITY.
  - WHEN BURIED DEBRIS IS ENCOUNTERED OR QUESTIONABLE CONDITIONS ARE INDICATED AT THE WORK SITE PRIOR / DURING CONSTRUCTION, A SUBSURFACE CONSULTANT SHALL CONDUCT BORING(S) IN THE AREA OF THE POOL TO CONFIRM SOIL BEARING CAPACITY, CLEAR OF BURIED DEBRIS, & VERIFYING GROUND WATER LEVEL
  - ALL MODIFIED SOILS & EARTH FILL UNDER PERSPECTIVE POOL AREA SHALL MEET A SOIL DENSITY AND COMPACTION MINIMUM OF 95% MODIFIED PROCTOR WITHOUT SETTLEMENT.



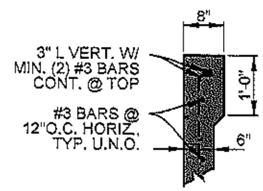
3 BENCH SECTION

SCALE: N.T.S.



4 BRANCH PIPING

SCALE: N.T.S.



5 POOL BEAM 8"x12" OPTION

SCALE: N.T.S.

NOTE: THIS DETAIL IS FOR MAX 6 FT DEEP SOIL SUPPORTED POOL SHELLS- SEE SUPPLEMENTAL SPECIFICATIONS FOR DEEPER STRUCTURES, LOAD SURCHARGE STRUCTURES, OR APPURTENANT STRUCTURES

COMPLIES WITH 7TH ED. (2020) FBC, ALL VOLUMES

THIS DOCUMENT VALID ONLY 12 MONTHS FROM DATE SIGNED

KIMES ENGINEERING
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Office: 941-749-0311
C.A. 27189

REV.	DATE	DESCRIPTION	
PROJ. NO.:	DWG BY:	CKD BY:	DRAWING:	VERSION:

PROJ. NO.: KE_RSTD; DWG BY: MCM; CKD BY: JKK; DRAWING: 01-Jan-21; VERSION: 21-Dec-20

787 SW UNITY CR
SOUTHERN ESCAPES

TYPICAL SECTIONS FOR RESIDENTIAL POOL/SPA

SHEET
S2
SHEET 2 OF 2