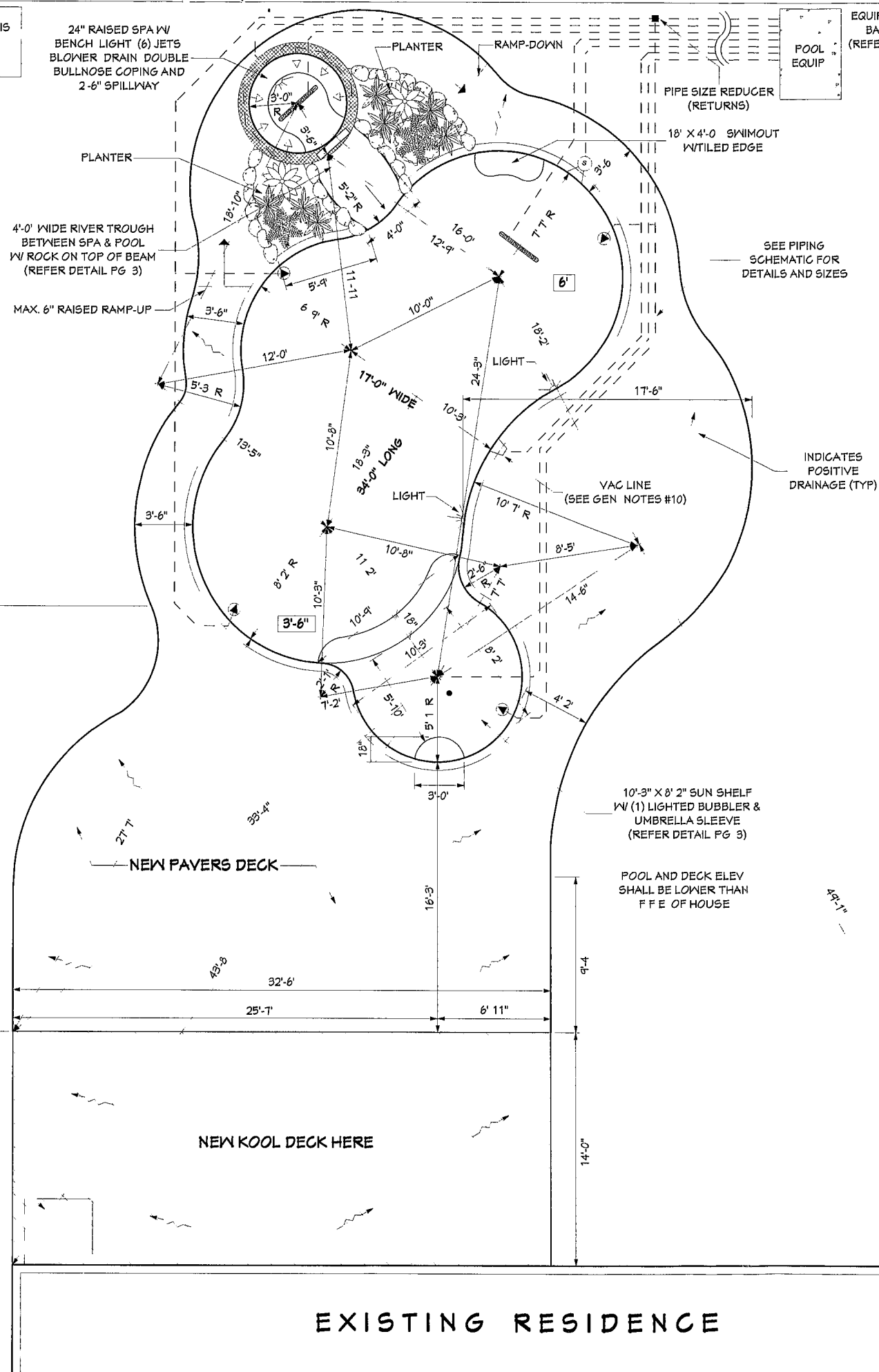


NOTES
-ALL DECKS ARE MEASURED FROM WATERLINE
OF POOL TO EDGE OF DECK
-DIVING EQUIPMENT ABSOLUTELY PROHIBITED
VAC LINE TO HAVE VAC LOCK



EQUIP PAD TO BE LOCATED 10'-0"
BACK OF SPA TO THE RIGHT
(REFER SITE PLAN FOR LOCATION)

LANDSCAPE
EQUIPMENT SCREEN
PER CODE

POOL SIZE	17'-0" X 34'-0"	POOL DEPTH	3'-6" TO 6'
POOL CAPACITY	20,145 GAL	TURNOVER	5.99 HR @ 56 GPM-DEFAULT
POOL SF	567 SF	POOL PERIMETER	104.5 LF

PUMP SIZE	PENTAIR VARIABLE SPD	MODEL	V5-3050 INTELLIFLO/36-146 GPM
FILTER	CARTRIDGE	MODEL	PENTAIR
CHLORINATOR	SALT SYS	MODEL	PENTAIR
POOL RETURNS	4	SKIMMER	1
CLEANING LINE	YES	LIGHT	(2) LED
HEATER TYPE	HEAT PUMP	MODEL - SIZE	PENTAIR

ROSETTE	NONE	LION HEADS	NONE
SHEER DESCENT	NONE	DECK JETS	NONE
SPRITZER	NONE	JET ON S-O	NONE
FEED LINE(S)	NONE	BUBBLER	YES (1)

COPING	BULLNOSE	HANDHOLD TYPE	NONE
TILE	6"	NEW DECK	PAVERS & KOOL DECK
SWIMOUT SIZE	18" X 4'-0"	NEW DECK SF	P-1,120 SF / KD-455 SF
EXIT RAILINGS	NONE	CAPPING SF	NONE
AUTOMATION	PENTAIR P5-4	BENCH SIZE	NONE
INTERIOR FINISH	DIAMOND BRITE	DECK-O-DRAIN	NONE

SCREEN ENCL	NONE	FOOTER	NONE
-------------	------	--------	------

SPA SIZE	6'-0" DIA	DEPTH	3'-0"
SPA PUMP	NONE	SPA PERIMETER	20 LF
JETS	6	SPA SF	29 SF
SPA CAPACITY	650 GAL	TURNOVER	0 12 HR
RAISED	24'	LIGHT	(1) LED
GLASS BLOCKS	NONE	BLOWER	YES
SPILLWAY SIZE	2'-6"	ENTRY STEP	NONE

PERIMETER BARRIER CHILD FENCE OR ALARMS BY OWNER PER SAFETY REQUIREMENTS PAGE 2

VAC LINE W/ VALVE

(1) STUMP TO BE REMOVED & HAUL AWAY
AIR BLOWER ON REMOTE / EXCESS FILL STAYS ON SITE

APPROVED FOR LAYOUT, DIMENSIONS & EQUIPMENT I/WE UNDERSTAND
THAT ANY CHANGES WILL INVOLVE AN ADDITIONAL CHARGE OF \$350.00 FOR
EVERY CHANGE MADE ALSO NO ENGINEERED PLANS WILL BE PROCESSED
WITHOUT ORIGINAL SIGNED SALES DRAWING NO EXCEPTIONS

X DATE

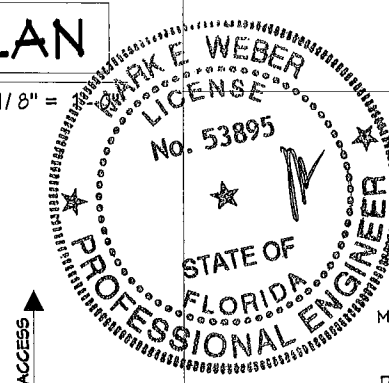
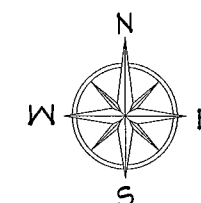
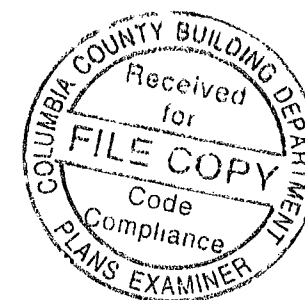
931 NW SAVANNAH CIRC
LAKE CITY, FL . 32055

Phon : (386) 755-9860-6677 / Fax (386) 292-9295

MIKE PARLATTI
337 SW SHORT LEAF DR.
LAKE CITY, FL. 32024

POOL PLAN

SCALE 1/8" =



Mark E Weber, P E 53895
MW Engineering
339 SW 35TH AVE
Deerfield Beach, FL 33442
561-305-0476
7-24-2013

ORDER#	DATE
B D D #	SHEET
132T04-JA	7-20-13
	1 OF 4

4 THICK REINFORCED CONCRETE SLAB PER F B C 2010/ SECT 1820.3

FILTER HEATER (IF INDICATED) PUMP MOTOR(S)

NOTE
•ANCHOR BOLTS THROUGH BASE WITH 1-3/4" x 3/16" TAPCON SCREW FOR POOL PUMP & FILTER
•HEAT PUMP - (4) ANGLE BRACKETS EA 2 1/2" IN LENGTH EACH BRACKET SHALL BE ATTACHED TO THE CONC WITH (1) 1-3/4" x 3/16" TAPCON SCREW AND ATTACHED TO THE EQUIP WITH (1) 1/2" SELF TAPPING SHEET METAL SCREW
•POOL HEATER SHALL BE PROVIDED WITH A THERMOSTATIC OR HIGH PRESSURE CONTROL SWITCH OR OTHER ACCEPTABLE OVER HEATING PROTECTION DEVICE SO POOL WATER DOES NOT EXCEED 104 °F
•COMPLIANT WITH FBC 2010

COMPLIANT W/ F B C 2010/301 12

POOL EQUIPMENT ANCHORING

PER FBC 2010 R4101.17.1 THROUGH R4101.17.3 & SECT. 424.2.17.1.1 THROUGH 424.2.17.1.14 RESIDENTIAL SWIMMING POOL MUST MEET ONE OF THE BELOW SAFETY FEATURES :

- 1 POOL MUST BE ISOLATED FROM ACCESS TO A HOME BY AN ENCLOSURE THAT MEETS THE POOL BARRIER REQ OF 5 515 24
- 2 THE POOL MUST BE EQUIPPED W. AN APPROVED SAFETY POOL COVER.
- 3 ALL DOOR & WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH AN EXIT ALARM THAT HAS A MIN SOUND PRESSU RATING OF 85dB A AT 10 FEET
- 4 ALL DOOR & WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH A SELF CLOSING SELF LATCHING DEVICE WITH A RELEASE MECHANISM PLACED NO LOWER THAN 54 IN ABOVE THE FLOOR

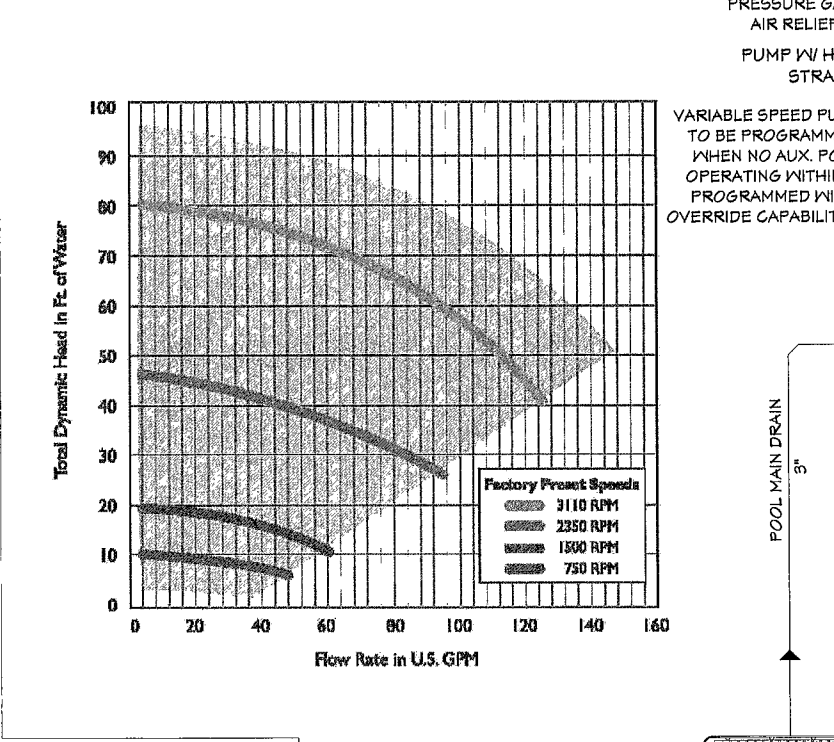
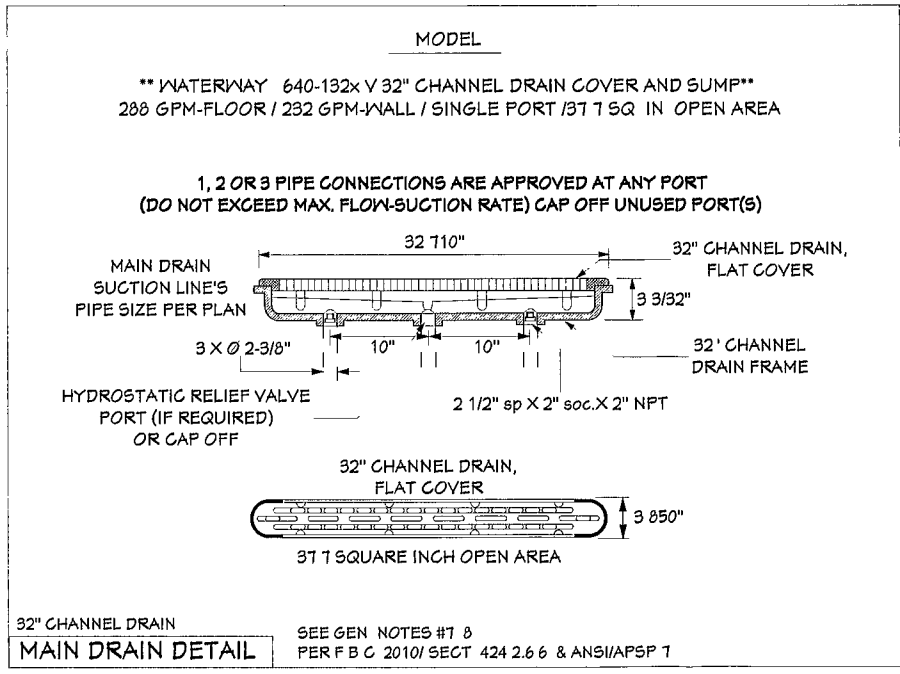
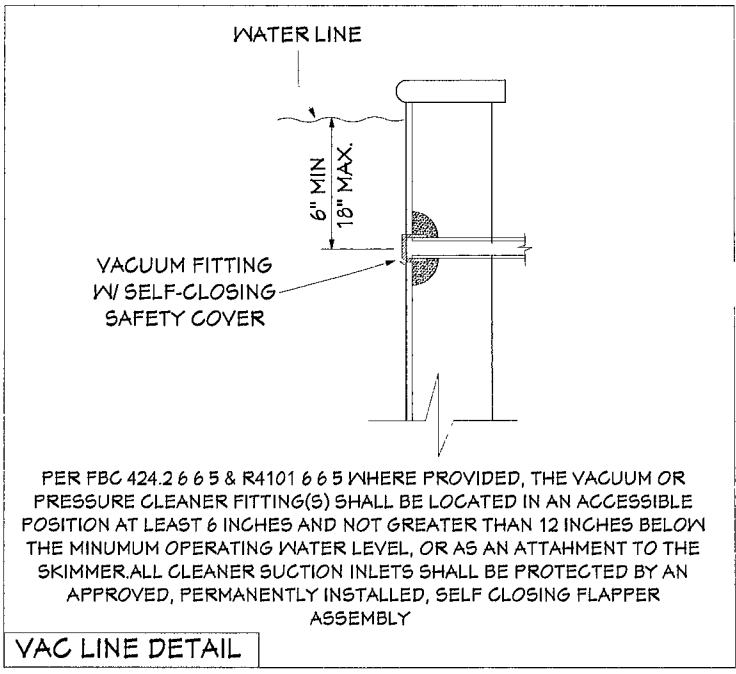
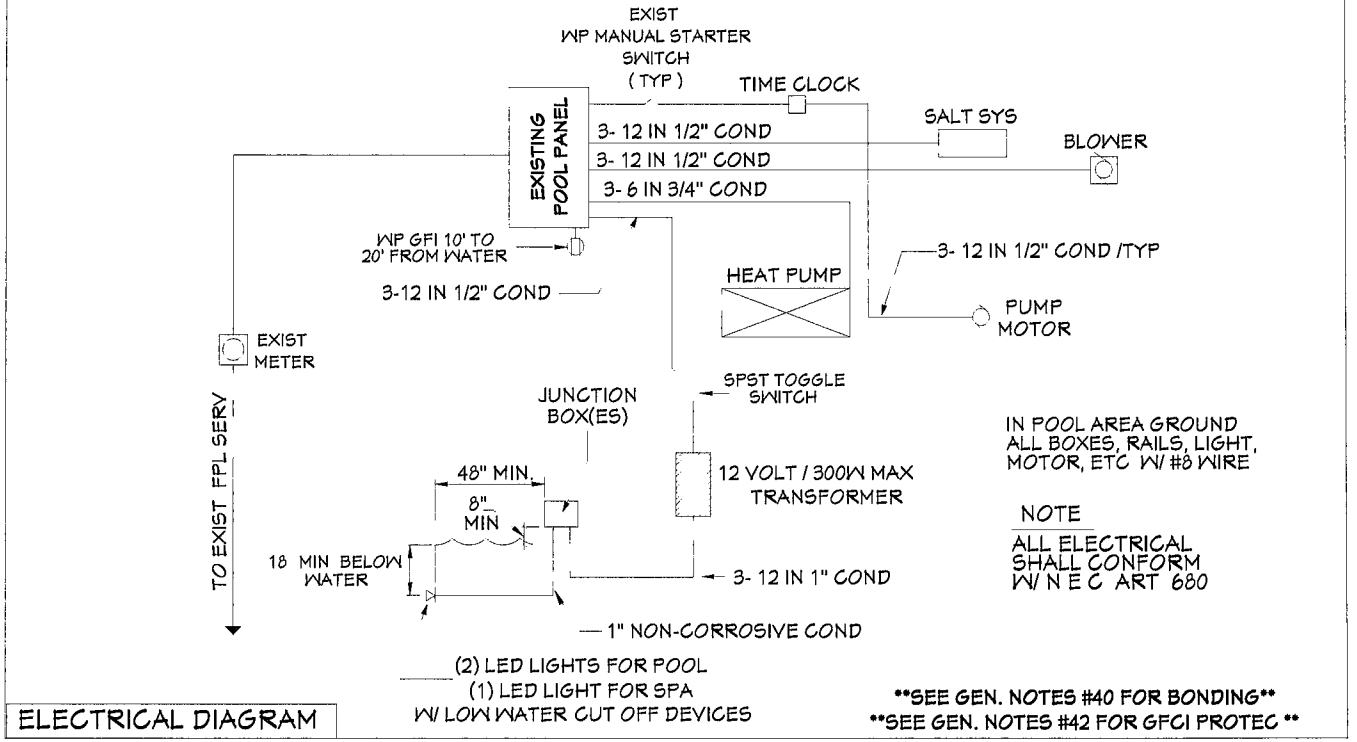
SAFETY REQUIREMENTS

ENERGY EFFICIENCY COMPLIANCE
PER ANSI/APSP-15 AND FBC 2010 403.9.1 THROUGH 403.9.4 & ANSI/APSP-15

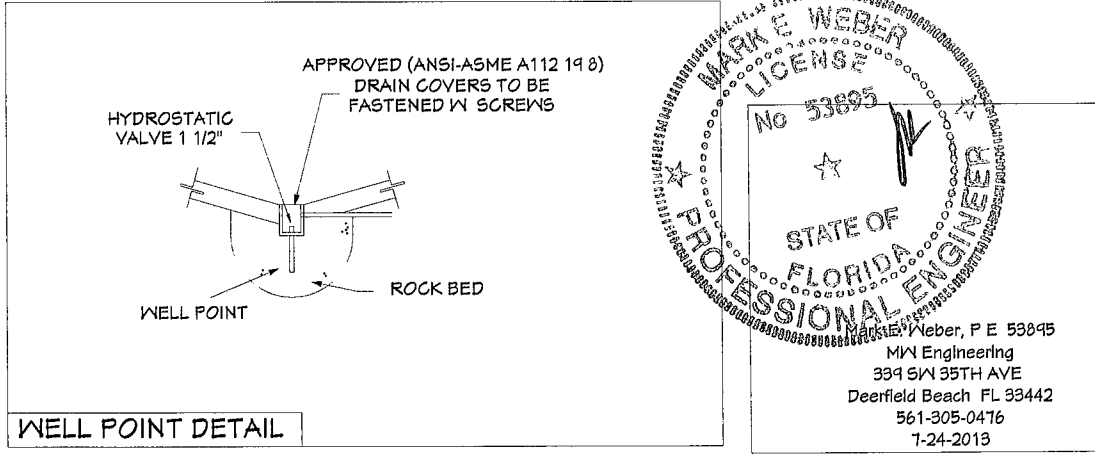
POOL CAPACITY 20 145 GAL
- TURNOVER 5 99 HR. AT 56 GPM
- MAX. FILTRA. FLOW RATE 36 GPM-DEFAULT SET (MIN 36 GPM OR LARGER)
- AUX. POOL LOAD SPA JETS
MAX POOL FLOW 90 GPM
MIN SUCTION PIPE DIA. 2 1/2" AT 90 GPM
- MIN RETURN PIPE DIA. 2 1/2" AT 90 GPM
FILTER CARTRIDGE
BACKWASH VALVE 2 1/2" MIN (WHEN USING)
PUMP BRAND PENTAIR INTELLIFLO
PUMP MODEL VS-3050

ANSI/APSP-15 sect. 5.3.2 / PUMP CURVE A" RATING

Manufacturer	Brand	Model Number	Speed RPM	Motor Design	Curve-A gpm Flow
Pentair	Pentair	IntelliFlo VS-3050 011013	3450	Variable-speed	73
Pentair	Pentair	IntelliFlo VS-3050 011013	1725	Variable-speed	37
Pentair	Pentair	IntelliFlo VS-3050 011013	850	Variable-speed	18
Pentair	Pentair	IntelliFlo VS-3050 011013	400	Variable-speed	11



PIPING SCHEMATIC



OUTBACK POOLS & WATERFALLS, INC.
431 NW SAVANNAH CIRC
LAKE CITY, FL 32055
Phon (386) 755-9860-6677 / Fax (386) 292-9295

CONTRACTOR

CUSTOMER

DATE 7-22-13
SHEET 2 OF 4

ORDER#
B D D #
132704-B

PARLATTI RESIDENCE

MARK E. WEBER
LICENSED PROFESSIONAL ENGINEER
No 53895
STATE OF FLORIDA
Mark E. Weber, P.E. 53895
M/E Engineering
339 SW 35TH AVE
Deerfield Beach FL 33442
561-305-0476
7-24-2013

GENERAL NOTES

1- CODE REQUIREMENTS :

PRIVATE SWIMMING POOL AND SPAS MUST COMPLY WITH CHAPTER 4 SECTION 424 & CHAPTER 41 SECTION R4101 FLORIDA BUILDING CODE 2010

2- MECHANICAL REQUIREMENTS

ALL PIPING EQUIPMENT AND MATERIALS USED IN THE PLUMBING SYSTEM OF SWIMMING POOLS AND SPAS THAT ARE BUILT IN PLACE SHALL CONFORM TO THE FLORIDA BUILDING CODE 2010 PLUMBING 424.2.3 & R4101.3 ALL PIPING MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION STANDARDS

3- COMPLIANCE :

ALL MATERIALS, PIPING, VALVES, EQUIPMENT OR APPLIANCES ENTERING INTO THE CONSTRUCTION OF SWIMMING POOLS-SPAS OR PORTIONS THEREOF SHALL BE OF A TYPE COMPLYING WITH THE CODE OR OF A TYPE RECOMMENDED AND APPROVED BY A NATIONALLY RECOGNIZED TESTING AGENCY OR CONFORMING TO OTHER RECOGNIZED STANDARDS ACCEPTABLE TO ADMINISTRATIVE AUTHORITY

4- ENGINEERING DESIGN :

DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH FBC-2010 SEC 424.2.6 1 & SECTION R4101 6.1 PRIVATE SWIMMING POOLS, ALSO ANS/NSPI 3 4 5 6 AND ANSI/APSP-7 PUBLISHED BY THE INTERNATIONAL AQUATICS FOUNDATION OR OTHER ACCEPTED ENGINEERING PRACTICES

5- TESTING AND CERTIFICATION :

ALL POOL AND SPA SUCTION INLETS SHALL BE PROVIDED WITH A COVER THAT HAS BEEN TESTED AND ACCEPTED BY A RECOGNIZED TESTING FACILITY AND COMPLY WITH ANSI/ASME A112.19.6M "SUCTION FITTINGS FOR USE IN SWIMMING POOLS, SPAS, HOT TUBS AND WHIRPOOL BATHTUB APPLIANCES" EXCEPTION: SURFACE SKIMMERS

6- SAFETY NOTE :

DO NOT USE OR OPERATE POOL OR SPA IF THE SUCTION INLET FITTING IS BROKEN, MISSING OR LOOSE

7-WATER VELOCITY PER ANSI/APSP-7 2006 #4.4

WATER VELOCITY IN FIELD FABRICATED PIPING IS BASED ON THE MAX. SYSTEM FLOW RATE. MAX. WATER VELOCITY IN BRANCH PIPING (THE PIPING BETWEEN THE DRAINS) SHALL BE LIMITED TO 6 FEET PER SECOND (FPS) WHEN ONE OF A PAIR IS BLOCKED. IN NORMAL OPERATION THEN THE BRANCH SUCTION PIPING VELOCITY IS 3 FEET PER SECOND (FPS). ALL OTHER SUCTION PIPING VELOCITIES SHALL BE 6 FPS FOR PUBLIC POOLS OR 8 FPS FOR RESIDENTIAL POOLS.

8-MAX. SYSTEM FLOW RATE PER ANSI/APSP-7 2006 #4.4 1

THE MAXIMUM SYSTEM FLOW RATE SHALL BE DETERMINED BY ONE OF THE FOLLOWING: TDH CALCULATION FOR THE CIRCULATION SYSTEM OF EACH PUMP OR SIMPLIFIED TDH CALCULATION OR THE MAX. FLOW CAPACITY (DETERMINE FROM PUMP FLOW CURVE) OF THE NEW OR REPLACEMENT PUMP, WHICH SHALL BE LIMITED BY THE CRITERIA OF ANSI/APSP 7 #4.4.

IMPORTANT NOTE: IF THE MAX. PUMP FLOW RATE IS GREATER THAN DRAIN FLOW RATE OR 8 FPS SUCTION FLOW RATE OR 10 FPS DISCHARGE FLOW RATE, THEN THE MAX. FLOW FROM THE PUMP CURVE OPTION HAS FAILED.

IF SO, THE TOTAL DYNAMIC HEAD (TDH) CALCULATION SHALL BE REQUIRED TO DETERMINE IF THE SYSTEM IS ACCEPTABLE. USING TDH, DETERMINE NEW MAX. FLOW RATE FROM PUMP CURVE, IF IT IS GREATER THAN DRAIN FLOW RATE OR 8 FPS SUCTION FLOW RATE OR 10 FPS DISCHARGE FLOW RATE, THE SYSTEM IS NOT ACCEPTABLE.

IF A VARIABLE SPEED PUMP IS USED, USE THE MAX. PUMP FLOW IN CALCULATIONS.

FOR SIDE DRAINS, USE APPROPRIATE SIDE WALL DRAIN FLOW AS PUBLISHED BY MANUFACTURER.

IN FLOOR SUCTION OUTLET COVER/GRATE MUST CONFIRM TO MOST RECENT EDITION OF ASME/ANSI A112.19.6 AND BE EMBOSSED WITH THAT EDITION PUMP, FILTER & HEATER MAKE AND MODEL. CANNOT CHANGED AND EQUIPMENT LOCATION CANNOT BE MOVED CLOSER TO POOL WITHOUT SUBMITTING A REVISED PLAN AND

TDH CALCULATION FOR APPROVAL.

MIN. SYSTEM FLOW BASED ON MIN. FLOW PER SKIMMER OF 35 GPM.

SYSTEM FLOW RATE MUST NOT EXCEED APPROVED COVER FLOW RATES.

CENTER TO CENTER DISTANCE BETWEEN THE SUCTION PIPE OUTLETS SHALL BE 36 INCH MIN.

CHANNEL TYPE (WITH 2 OR 3 OUTLETS IN ONE PORT) SHALL BE AT LEAST 3" WIDE BY 31" LONG.

9- PUMP :

PER FBC 2010 SECTION 424.2.7 1 STRAINER. POOL CIRCULATING PUMPS SHALL BE EQUIPPED ON THE INLET SIDE WITH AN APPROVED TYPE HAIR AND LINT STRAINER WHEN USED WITH A PRESSURE FILTER. PER 424.2.7.2 INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PER 424.2.7.3 CAPACITY: PUMPS SHALL HAVE DESIGN CAPACITY AT THE FOLLOWING HEADS: 1) PRESSURE DIATOMACEOUS EARTH-A LEAST 60 FEET, 2) VACUUM DE 20 INCH VACUUM ON THE SUCTION SIDE AND 40 FEET TOTAL HEAD, 3) RAPID SAND- AT LEAST 45 FEET, 4) HIGH RATE SAND- AT LEAST 60 FEET. PER 424.2.7.4 PUMP IMPELLERS, SHAFT, WEAR RINGS AND OTHER WORKING PARTS SHALL BE CORROSION RESISTANT MATERIALS.

10- CLEANER FITTINGS :

PER ANS/NSPI-5 9.12.10 THE VACUUM OR PRESSURE CLEANER FITTING(S) SHALL BE LOCATED IN AN ACCESSIBLE POSITION AT LEAST 6 INCHES AND NOT GREATER THAN 18 INCHES BELOW THE MINIMUM OPERATING WATER LEVEL. OR AS AN ATTACHMENT TO THE SKIMMER. ALL CLEANER SUCTION INLETS SHALL BE PROTECTED BY AN APPROVED, PERMANENTLY INSTALLED, SELF-CLOSING FLAPPER ASSEMBLY.

11- VALVE :

PER FBC 2010 SECTION 424.2.8 1 & R4101 8.1 VALVES SHALL BE MADE OF MATERIALS THAT ARE APPROVED IN THE FLORIDA BUILDING CODE. PLUMBING VALVES LOCATED UNDER CONCRETE SLABS SHALL BE SET IN A PIT HAVING A LEAST DIMENSION OF FIVE PIPE DIAMETERS. MINIMUM 10 INCHES. FITTED WITH A SUITABLE COVER.

12- WASTE WATER DISPOSAL :

PER FBC 424.2.10 & R4101.10 DIRECT OR INDIRECT CONNECTIONS CANNOT BE MADE TO EXISTING FACILITIES UNLESS APPROVED BY THE ADMINISTRATIVE AUTHORITY.

13- PIPING :

PIPING SHALL BE SCH 40 BEARING NSF APPROVAL PER FBC 2010 R4101. PIPING CAN BE (IF NEEDED) ENCASED IN THE CONCRETE OF THE POOL SHELL.

14- TESTS

ALL POOL PIPING SHALL BE INSPECTED AND APPROVED BEFORE COVER OR CONCEALMENT. IT SHALL BE TESTED AND APPROVED TIGHT UNDER A STATIC WATER OR AIR PRESSURE TEST OF NOT LESS THAN 35 PSI FOR 15 MINUTES. PER MANUFACTURER'S RECOMMENDATIONS. NO AIR TEST SHALL BE APPROVED FOR PVC PIPE AND FITTINGS. SECTION 424.2.12 1 & R4101.12 1 & R4101.12.2 PRESSURE TESTS.

15- WATER HEATING EQUIPMENT :

SWIMMING POOL WATER HEATING EQUIPMENT SHALL CONFORM TO THE DESIGN, CONSTRUCTION AND INSTALLATION REQUIREMENTS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND SHALL BEAR THE LABEL OF A RECOGNIZED TESTING AGENCY. AND SHALL INCLUDE A CONSIDERATION OF COMBUSTION, AIR VENTING AND GAS SUPPLY REQUIREMENTS FOR WATER HEATERS. SEC. 424.2.14 1 & R4101.14 1. IT MUST CONTAIN A THERMOSTATIC OR HIGH PRESSURE CONTROL SWITCH SO THE POOL WATER DOES NOT EXCEED 104 DEGREES F. SEC. 424.2.14.4 & R4101.14.4 WATER HEATING EQUIPMENT SHALL BE INSTALLED WITH FLANGES OR UNION CONNECTIONS ADJACENT TO THE HEATER. WATER HEATING EQUIPMENT-SWIMMING POOL WATER HEATING EQUIPMENT SHALL COMPLY WITH FBC 2010 SECTION 412.1.1 ALL HEATERS MUST HAVE AN INTERNAL CHECK VALVE. PER FBC 13-612.1.ABC 2.3.2 THE POOL AND SPA SHALL BE PROVIDED WITH A COVER TO REDUCE HEAT LOSS (IF REQUIRED BY THE CITY). HEATER EFFICIENCY: GAS/OIL FIRED 78% MIN. HEAT PUMP COP 4.0 MIN.

16- GAS PIPING

GAS PIPING SHALL COMPLY WITH FBC 2010 SECTION 424.2.15 & R4101.15 FUEL GAS.

17- ELECTRICAL :

POOL LOCATION AND ELECTRICAL WIRING AND EQUIPMENT SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE 2008 SPECIFICALLY SECTION 680.

18- LADDERS AND STEPS

PER FBC 2010 SECTION 424.2.18 & R4101.18 ALL POOLS SHALL BE PROVIDED WITH A LADDER OR STEPS IN THE SHALLOW END WHERE WATER EXCEEDS 24 INCHES. WHERE WATER DEPTH EXCEEDS 5 FEET, THERE SHALL BE LADDERS, STAIRS OR UNDERWATER BENCHES/STAIRWAYS IN THE DEEP END.

19- FILTERS :

PER FBC 2010 SECTION 424.2.20 & R4101.20 THE ENTIRE DESIGN OF MATCHED COMPONENTS SHALL HAVE SUFFICIENT CAPACITY TO PROVIDE A COMPLETE TURNOVER OF POOL WATER IN 12 HOURS OR LESS.

20- POOL FITTINGS :

PER FBC 2010 SECTION 424.2.21 & R4101.21 POOL FITTINGS SHALL BE OF AN APPROVED TYPE AND DESIGN AS TO BE APPROPRIATE FOR THE SPECIFIC APPLICATION. PER FBC 2010 SECTION 424.2.13.2 JOINTS AND G CONNECTIONS: FBC PLUMBING SEC. 605.21 PURPLE PRIMER REQUIRED ON PVC PIPING.

21- SKIMMERS :

PER FBC 2010 SECTION 424.2.21 2 & R4101.21.2 SKIMMERS SHALL BE INSTALLED ON THE BASIS OF ONE PER 800 SF OF SURFACE AREA OR FRACTION THEREOF.

22- HYDROSTATIC RELIEF DEVICE :

PER FBC 2010 SECTION 424.2.21.4 & R4101.21.4 IN AREAS OF ANTICIPATED WATER TABLE, AN APPROVED HYDROSTATIC RELIEF DEVICE SHALL BE INSTALLED. EXCEPTION: IS PLASTIC LINER POOLS.

23- CONCRETE / STEEL :

CONCRETE IS TO BE A MIX DESIGNED IN ACCORDANCE WITH ASTM C-644 BY A RECOGNIZED TESTING LABORATORY TO ACHIEVE A STRENGTH OF 3000 PSI AT 28 DAYS (UNLESS OTHERWISE NOTED) WITH A PLASTIC AND WORKABLE MIX. PNEUMATICALLY APPLIED CONCRETE AND/OR SHOTCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304.2R-04 AND ACI 506.2-04, RESPECTIVELY. ALL OTHER CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304R-04. A CERTIFICATE OF MANUFACTURER'S MIX AND STRENGTH IS TO BE PROVIDED. NO WATER IS TO BE ADDED AFTER TRUCK LEAVES PLANT WITHOUT APPROVAL OF ENGINEER. PLANT CONTROL IS REQUIRED. MAXIMUM MIX TIME AT POINT OF DEPOSIT IS 90 MINUTES. CONCRETE WORK SHALL BE AS PER REQUIREMENTS AND RECOMMENDATIONS OF ACI 301-04. REINFORCING DEFORMED STEEL BARS SHALL BE A615 GRADE 40 (UNLESS OTHERWISE NOTED), FREE FROM OIL, LOOSE SCALE AND LOOSE RUST. REINFORCING DEFORMED STEEL BARS SHALL BE BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES (ACI 315-04) AND THE BUILDING CODE REQUIREMENTS FOR REINFORCING CONCRETE (ACI 318-04). IN CASE OF CONFLICT, THE MORE CONSERVATIVE VALUE(S) SHALL BE USED.

24- SOIL STATEMENT.

IN ACCORDANCE WITH FBC SECTION 1818, HVHZ BEARING CAPACITY OF SOIL, BASED UPON RATIONAL ANALYSIS AND KNOWN VALUES IN THE VICINITY, THE IN-PLACE BEARING CAPACITY OF THE SOIL BENEATH THE POOL AND RELATED STRUCTURES SHOWN WITHIN THESE PLANS IS 2000 PSF AFTER EXCAVATION AND COMPACTION IN ACCORDANCE WITH CURRENT EDITION OF FBC. SHOULD ANY MUCK, MARL OR OTHER ORGANIC SOILS BE DISCOVERED ON EXCAVATION, THEY SHOULD BE REMOVED IN THEIR ENTIRETY. ALL CONSTRUCTION SHALL STOP AND THE ENGINEER OF RECORD SHALL BE CONTACTED TO CONDUCT AN INSPECTION. STRUCTURAL ELEMENTS ARE DESIGNED WITH A REQUIRED BEARING CAPACITY OF 2000 PSF, UNLESS OTHERWISE SPECIFIED.

25- POOL STAKING :

THIS DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR POOL CONSTRUCTION IN EASEMENT OR REQUIRED SETBACKS AREAS. PLOT PLANS NOT PREPARED FROM LEGAL SURVEYS OF THE EXISTING LOT AND RESIDENCE ARE SO INDICATED. THE POOL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND ESTABLISH LOT LINES & LOCATION OF UTILITIES AT THE SITE AND CONTACT THE H.C.E. IF DIFFERENT THAN INDICATED ON PLAN. MINIMUM CLEARANCE DIMENSIONS SHALL BE HELD AS REQUIRED BY THE LOCAL REGULATORY AGENCY.

26- EXISTING STRUCTURES

THE POOL CONTRACTOR SHALL ALWAYS TAKE ALL PRECAUTIONS TO PROTECT EXISTING STRUCTURES FROM FAILURE BY SHEETING AND/OR SHORING OR OTHER METHODS. THE DESIGN ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE SAFETY OF EXISTING STRUCTURES. IN CASE OF FOOTINGS UNDERMINING, CONTRACTOR SHALL POUR CONCRETE BETWEEN POOL AND FOOTING. TOP OF CONCRETE SHALL BE BOTTOM OF FOOTING. WIDTH OF POURED CONCRETE SHALL BE FOOTING WIDTH AT A MINIMUM.

27- WATER SERVICE :

PER FBC 2010 SECTION 424.2.9 & R4101.9 UNLESS AN APPROVED TYPE OF FILLING SYSTEM IS INSTALLED, ANY WATER SUPPLY WHICH IN THE JUDGMENT OF THE ADMINISTRATIVE AUTHORITY MAY BE USED TO FILL THE POOL, SHALL BE EQUIPPED WITH BACKFLOW PROTECTION. NO OVER-THE-RIM FILL SPOUT SHALL BE ACCEPTED UNLESS LOCATED UNDER A DIVING BOARD OR PROPERLY GUARDED.

28- CONCRETE SLABS :

ALL POOL EQUIPMENT SLABS SHALL COMPLY WITH SECTION 1820.3 OF FBC 2010.

29- HANDHOLD :

ANSI-NSPI-5 ARTICLE XV SECTION 15.13, A SECURED ROPE OR CERAMIC HANDHOLDS MUST BE PLACED AT OR NO MORE THAN 12" ABOVE THE NORMAL WATERLINE OF THE POOL.

30- POWER LINE :

OVERHEAD ELECTRIC LINES MUST BE LOCATED 10 FEET AND UNDERGROUND ELECTRIC LINES MUST BE LOCATED 5 FEET FROM POOL WATER EDGE.

31- BACKFILL & COMPACTION

REMOVE FROM EXCAVATION ALL FORMS, WOOD, DEBRIS AND OTHER DELETERIOUS MATERIALS. BACKFILL CONSTRUCTION AREAS TO PROPER ELEVATION AS NEEDED USING PROPERLY COMPACTED CLEAN GRANULAR MATERIAL, FREE OF ORGANICS AND OTHER DELETERIOUS MATERIALS.

32- WARNING

TO EMPTY POOL AFTER CONSTRUCTION FOR REPAIRS OR ANY OTHER REASON, THE HYDROSTATIC UPLIFT PRESSURES BENEATH THE POOL MUST BE ELIMINATED TO PREVENT THE POOL FROM FLOATING UPWARD. THE OWNER MUST CONSULT A POOL CONTRACTOR OR POOL REPAIR CONTRACTOR EXPERIENCED IN ELIMINATING UPLIFT PRESSURES.

33- NOTE 1 :

THIS PLAN IS NOT TRANSFERABLE FROM ONE CONTRACTOR TO ANOTHER.

34- NOTE 2

UNLESS OTHERWISE SPECIFIED, ALL DETAILS SHOWN ARE NOT TO SCALE.

35- NOTE 3 :

POOL WALL SHALL BE REINFORCED WITH #3@6" O.C. E.W. WHERE LESS THAN 5 FEET FROM ANY EXISTING STRUCTURE OR PATIO (SEE SHEETING & SHORING DETAIL).

36- NOTE 4 :

POOL AND DECK ELEVATION SHALL BE LOWER THAN FINISH FLOOR ELEVATION OF THE HOUSE.

37- NOTE 5

THERE IS ALWAYS THE POSSIBILITY THAT CONDITIONS IN THE FIELD MAY BE DIFFERENT FROM THOSE INDICATED IN AN ENGINEERING PERMIT DRAWINGS; THEREFORE, IF DIFFERENT CONDITIONS ARE ENCOUNTERED BEFORE OR DURING CONSTRUCTION, THE ENGINEER OF RECORD SHALL BE NOTIFIED TO REVIEW THE FINDINGS AND MAKE RECOMMENDATIONS AS NEEDED.

38- NOTE 6

STRUCTURAL ENGINEER MUST CERTIFY OR DESIGN REPLACEMENT ANCHOR AND DEADMAN SYSTEM FOR SEAWALL WITHIN 15 FEET OF POOL SEAWALL. ANCHOR SYSTEM INSTALLATION MUST BE COMPLETE PRIOR TO START OF POOL CONSTRUCTION.

39- NOTE 7

NO DIVING BOARD AND NO DIVING IS ALLOWED ON ANY POOL LESS THAN 8 FEET DEEP AND SPECIFICALLY DESIGN FOR DIVING.

40- BONDING

CONTINUOUS SINGLE #8 AWG BARE COPPER WIRE SHALL BE BURIED TO A MIN. 4" TO 6" BELOW SUBGRADE, 18" TO 24" FROM INSIDE THE WALL OF SWIMMING POOL-SPA. AROUND THE SWIMMING POOL-SPA PERIMETER, AND SHALL BE CONNECTED TO THE POOL STEEL REINFORCEMENT AT A MIN. 4" DIFFERENT LOCATIONS, EQUALLY SPACED.

41- NOTE 8

THIS LAYOUT HAS BEEN REPRODUCED USING A LEGAL SURVEY PROVIDED BY POOL CONTRACTOR. POOL AND SPA DESIGNS SHALL NOT BE HELD RESPONSIBLE FOR INACCURATE OR ILLEGIBLE INFORMATION REPRESENTED ON THE SURVEY PROVIDED BY THE POOL CONTRACTOR. ALL LOT LINES AND EASEMENT LINES SHALL BE LOCATED IN FIELD PRIOR TO CONSTRUCTION. THE DIMENSIONS SHOWN IN THIS LAYOUT SHALL ALSO BE CONFIRMED FOR ACCURACY. POOL AND SPA DESIGNS, INC. SHALL NOT BE HELD LIABLE FOR ANY CONSTRUCTION ERRORS RESULTING IN FAILURE TO COMPLY WITH THIS RECOMMENDATION.

42- GFCI PROTECTION

GFCI PROTECTION: OUTLETS SUPPLYING POOL PUMP MOTORS FROM BRANCH CIRCUITS WITH SHORT-CIRCUIT AND GROUND FAULT PROTECTION RATED 15 OR 20 AMPERES, 125 VOLT OR 240 VOLT, SINGLE PHASE, WHETHER BY RECEPTACLE OR DIRECT CONNECTION SHALL BE PROVIDED WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL PER NEC 2008 680.22 (B).

43- ENERGY EFFICIENCY COMPLIANCE

THE ENERGY REQUIREMENTS FOR RESIDENTIAL POOLS AND INGROUND SPAS SHALL BE AS SPECIFIED IN FBC 2010 SECTIONS 403.9.1 THROUGH 403.9.4 AND ANSI/APSP 15.

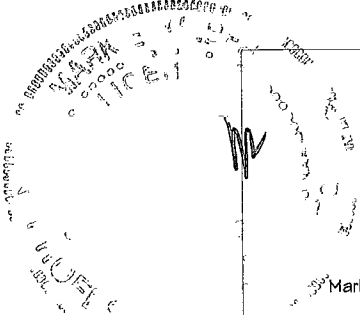
44- BARRIER NOTE

OUTDOOR SWIMMING POOLS AND SPAS SHALL BE PROVIDED WITH A PERMANENT BARRIER THAT SHALL BE INSTALLED, INSPECTED & APPROVED PRIOR TO PLASTERING OR FILING WITH WATER. SUCH PERMANENT BARRIER SHALL BE IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE SECT. R4101.11.1.

45- EXISTING STRUCTURES

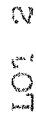
CONTRACTOR MUST APPLY PROPER MEANS AND METHODS OF CONSTRUCTION TO PROTECT ALL EXISTING STRUCTURES. UNLESS OTHERWISE NOTED, THE DESIGN ENGINEER HAS NOT BEEN ENGAGED TO CONDUCT NOR HAS HE CONDUCTED ANY FIELD TESTS, EVALUATIONS OR SITE VISITS WITH RESPECT TO CONDITIONS AS THEY MAY EXIST AT THE SITE. THEREFORE, THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR, AND ASSUMES NOT LIABILITY FOR, EXISTING STRUCTURES, INCLUDING THE CONDITION OF EXISTING SEAWALLS AND APPLICABILITY FOR EXCAVATION IN ITS PROXIMITY. SHOULD ANY EXISTING STRUCTURE BE ENCOUNTERED, STOP CONSTRUCTION AND IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND BUILDING OFFICIAL PRIOR TO PROCEEDING. THIS INCLUDES BUT IS NOT LIMITED TO ENCOUNTERING THE FOLLOWING:
*WALL ANCHOR RODS
*FOUNDATIONS OF SEAWALLS, BUILDINGS, POWER POLES
*BURIED VAULTS AND DRAINAGE STRUCTURES AND OTHER BELOW GROUND STRUCTURES

SHOULD THE CONTRACTOR COMPROMISE THE INTEGRITY OF A SEAWALL, THE CONTRACTOR SHALL IMMEDIATELY ENGAGE IN CORRECTIVE MEASURES AS DIRECTED BY A LICENSED QUALIFIED SEAWALL CONTRACTING SPECIALIST. THESE PROCEDURES SHALL BE IN FULL COMPLIANCE WITH ALL RECOMMENDATIONS MADE BY THE DESIGN ENGINEER AND LOCAL BUILDING OFFICIAL. THE CONTRACTOR SHALL SECURE THE STRUCTURE WITHIN 48 HOURS, BASED ON SAID RECOMMENDATIONS, TO INCLUDE, BUT NOT LIMITED TO, THE EMERGENCY INSTALLATION OF HELICAL PILES OR BATTER PILES.



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7-24-2013

PLAT BOOK 5 PAGE 3



PLS 3048 DUND
444' WEST

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F
Q

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S. 88° 52' 10" W. 155.00' (PLAT)
S. 88° 48' 49" W. 155.06' (FIELD)

FENCE CORNER
IS 15' SOUTH
& 06' EAST

FENCE CORNER
IS 586' SOUTH
& 738' WEST

POOL EQUIP
PAD ☐

199.80' (FIELD) 200.00' (PLAT)

S.01°07'50"E. 200.00' (PLAT)
S.01°11'44"E. 199.65' (FIELD)

44'-2"

84'-8"

-BARRY FENCE
ER FL CODE
ER EQUIV.

77'-2"

၆၅
FOL

10
11
12

ELECTRIC METER.	289	SPLIT LEVEL RESIDENCE
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ELECTRIC
TRANSFDR

15' UTILITY EASEMENT

N. 88° 52' 10" E. 154.95' (FIELD)
155.00' (PLAT)
(BEARING BASIS)

~~SW SHORTEAF DRIVE (PAVED, PUBLIC) &~~

NOTE: ALL CONCRETE MONUMENTS LOCATED AS SHOWN HEREON ARE IDENTIFIED AS L.E. BRITT P.L.S. 1079.

2,804,348

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE
TECHNICAL STANDARDS AS SET FORTH BY THE FL
IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CI

04/29/11	04/29/11
FIELD SURVEY DATE	DRAWING DATE

NOTE UNLESS IT BEARS THE SIGNATURE AND THE DR. MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR

Pol
Coul