



1. BENEFITARY BASED ON UNDERTAKING FOUND IN ACCORDANCE WITH THE DETRAIMENT OF
2. PREVIOUS SURVEY BY SAILOR BISHOP & LANE, LR 6685 ON 04/02/78
3. BENEFICIARIES WERE BASED ON SAID PREVIOUS SURVEY BY SAILOR BISHOP & LANE, LR 6685.
4. THIS PANEL IS IN ZONE "A" AND IS DETERMINED TO BE OUTSIDE THE 300 YARD FLOOD
5. FLOOD PLAIN AS PER FLOOD RISK MAP DATED 1 JANUARY 1998 COMMUNITY PANEL NUMBER
6. LEADON 04/73 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
7. THE IMPEDIMENTS, IF ANY, INDICATED ON THIS SITE, NEW DRAINING ARE AS LOCATED ON
8. DATE OF FIELD SURVEY AS SHOWN HEREON.
9. THIS SURVEY, EXCEPT FOR UNDERRUN ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR
10. THIS SURVEY, EXCEPT AS SHOWN HEREON.
11. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE
12. POLICY.

POINT OF BEGINNING

BAILEY, BISHOP & LANE
L.B. 6685

POINT OF BEGINNING
OF EASEMENT

Pat will be
forced to meet
FL Building
Code

WCU + do
side pap
line

400' ± to
near prop
line

290 ft to
from + pop
line

SCALE: 1" = 30'

ONE STORY RESIDENCE UNDER CONSTRUCTION

INSERT "A"

Dimensions: 26.1', 31', 13.9', 22.8', 29.2', 60.6'

SCALE: 1" = 100'

[illegible]

A BOUNDARY SURVEY IN SECTION 33, TOWNSHIP 4 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

DESCRIPTION.
COMMENCE AT THE NORTHWEST CORNER OF THE NE 1/4 OF SECTION 33 EAST, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE N89°15'39"E, ALONG THE NORTH LINE OF SAID SECTION 33, 1022.6 FEET; THENCE S06°55'32"W, 6151.0 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S06°55'32"W, 6'53.6 FEET TO THE SOUTH LINE OF THE NORTH 1/4 OF THE EAST 1/2; THENCE N89°16'16"E, ALONG SAID SOUTH LINE, 7892.0 FEET; THENCE N06°58'28"E, 6'56.53 FEET; THENCE S89°15'28"W, 782.63 FEET TO THE POINT OF BEGINNING; THE SOUTH 60 FEET AND THE EAST 30 FEET SUBJECT TO AN EASEMENT FOR HIGHWAY AND FOREST, CONTAINING 12.03 ACRES, MORE OR LESS.

TOGETHER WITH AN EASEMENT FOR HIGHWAYS AND FOREST, DESCRIBED AS FILLMORE, THE SOUTH 60.00 FEET OF THE NORTH 1/4 OF THE EAST 1/2 OF SECTION 33, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, EXTENDING FROM THE WEST RIGHT-OF-WAY LINE OF MULBURN ROAD TO THE WEST LINE OF THE EAST 1/2 OF SECTION 33.

ALSO,
A STRIP OF LAND 60.00 FEET WIDE, BEING 30.00 FEET EACH SIDE OF A CENTERLINE DESCRIBED AS FOLLLOWS:
COMMENCE AT THE NORTHWEST CORNER OF THE NE 1/4, SECTION 33, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE S06°55'32"W, ALONG THE WEST LINE OF THE EAST 1/2 OF SAID SECTION 33, 18889.6 FEET; THENCE N89°16'16"E, ALONG THE SOUTH LINE OF THE NE 1/4 OF SAID EAST 1/2, 18542.95 FEET; THENCE N06°58'28"E, 6054 FEET TO THE POINT OF BEGINNING OF SAID CENTERLINE; THENCE CONTINUE N06°58'28"E, 646.00 FEET TO THE POINT OF TERMINATION OF SAID CENTERLINE.

[illegible]

CERTIFIED TO:


SURVEYOR'S CERTIFICATION

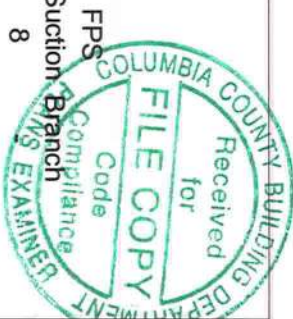
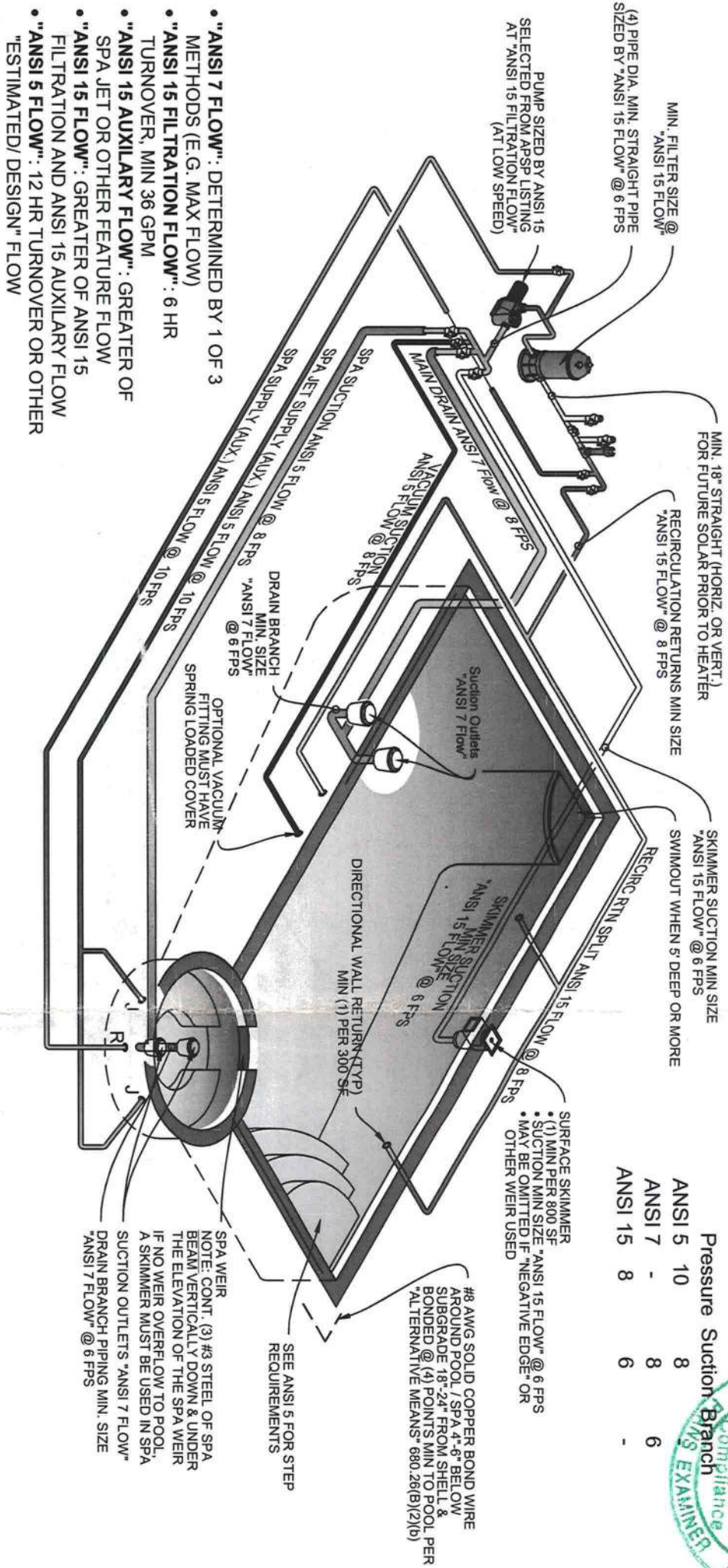
Eddie Anderson 754-0771
MARK FEARLE 752-7191

DWIGHT & STACEY BROTHERS
COLUMBIA COUNTY BANK
PRIME HOME MORTGAGE
ASSOCIATED LAND TITLE GROUP, INC.
FIRST AMERICAN TITLE INSURANCE COMPANY

03/12/02 03/12/02
FIELD SURVEY DATE DRAWING DATE
I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.02, FLORIDA STATUTES.

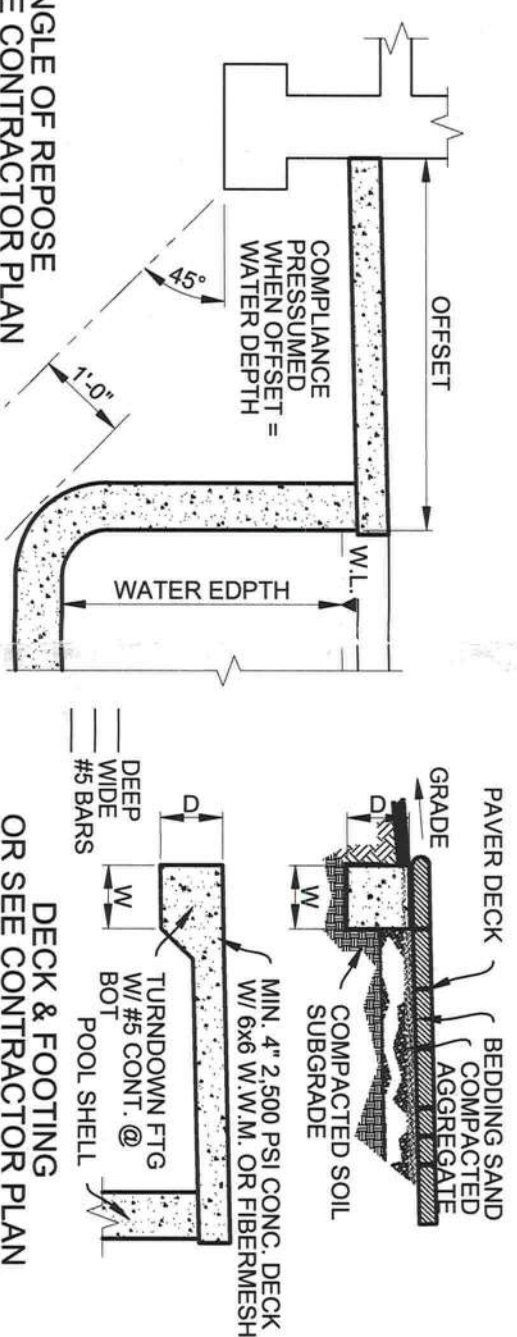
C. J. HORTON, P.E.
CERTIFICATION # 3578
NOTICE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

 **BRITT SURVEYING**
LAND SURVEYORS AND MAPPERS
1426 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055
TELEPHONE: (386) 752-7163 FAX: (386) 752-5573 WORK ORDER # L-12388



Pressure	Suction	FPS
ANSI 5	10	8
ANSI 7	-	8
ANSI 15	8	6

PIPE	6 FPS	8 FPS	10 FPS
1"	16	22	26
1-1/2"	38	51	62
2"	63	84	102
2-1/2"	90	119	146
3"	138	184	226
4"	238	317	391
6"	540	720	890



EXAMPLE RESIDENTIAL POOL / SPA SCHEMATIC PLAN & NOTES

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 R4101.12.1
 - Pools shall have pumps selected to provide minimum 12 hr. turnover & maximum 6 hour turnover.
 - Determine pipe sizing from attached work sheets.
 - Spa piping determined from attached work sheets.
 - The dual main drains shall have a minimum separation of 3 ft. unless one is located on the vertical wall or a single unblockable drain is used.
 - All suction covers shall meet ANSI/ASME A112.19.8-2007
 - All piping shall be NSF-PW approved & meet the requirements of Florida Building Code.
 - Electrical equipment, wiring, & installation shall conform to the National Electrical Code 2008 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.
 - Regardless of the criteria here, the project shall comply with all sections of the 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

NOT FOR MASTER
PARAGON POOLS

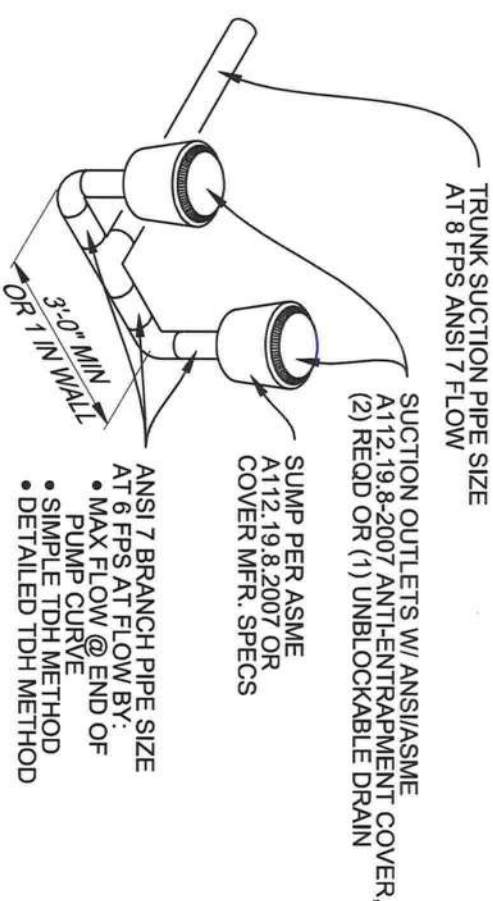
KIMES ENGINEERING
KIMES ENGINEERING & MANAGEMENT SERVICES, INC.
13410 2nd Ave. NE, Bradenton, FL 34211
Office: 941-749-0311, Fax: 941-746-7391
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P.E. 33678, C.A. 27189

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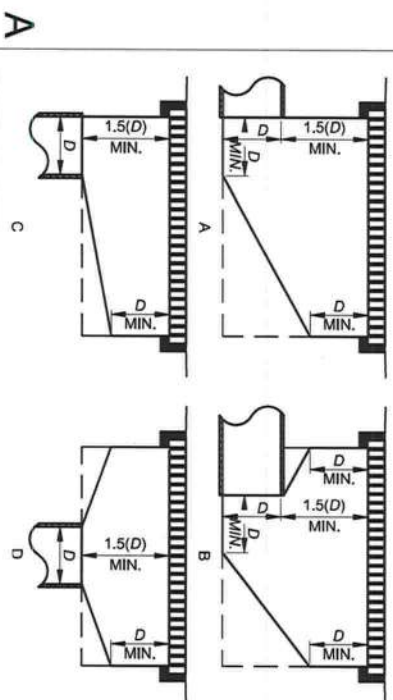
DATE:	REVISIONS:
DWG. BY: MCM	PRINTED: 6-Mar-12
CHKD. BY: JKK	SCALE: AS NOTED
DATE: 29-Feb-12	

TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA

ORIG. DWG: 17"x11" (ANSI B)



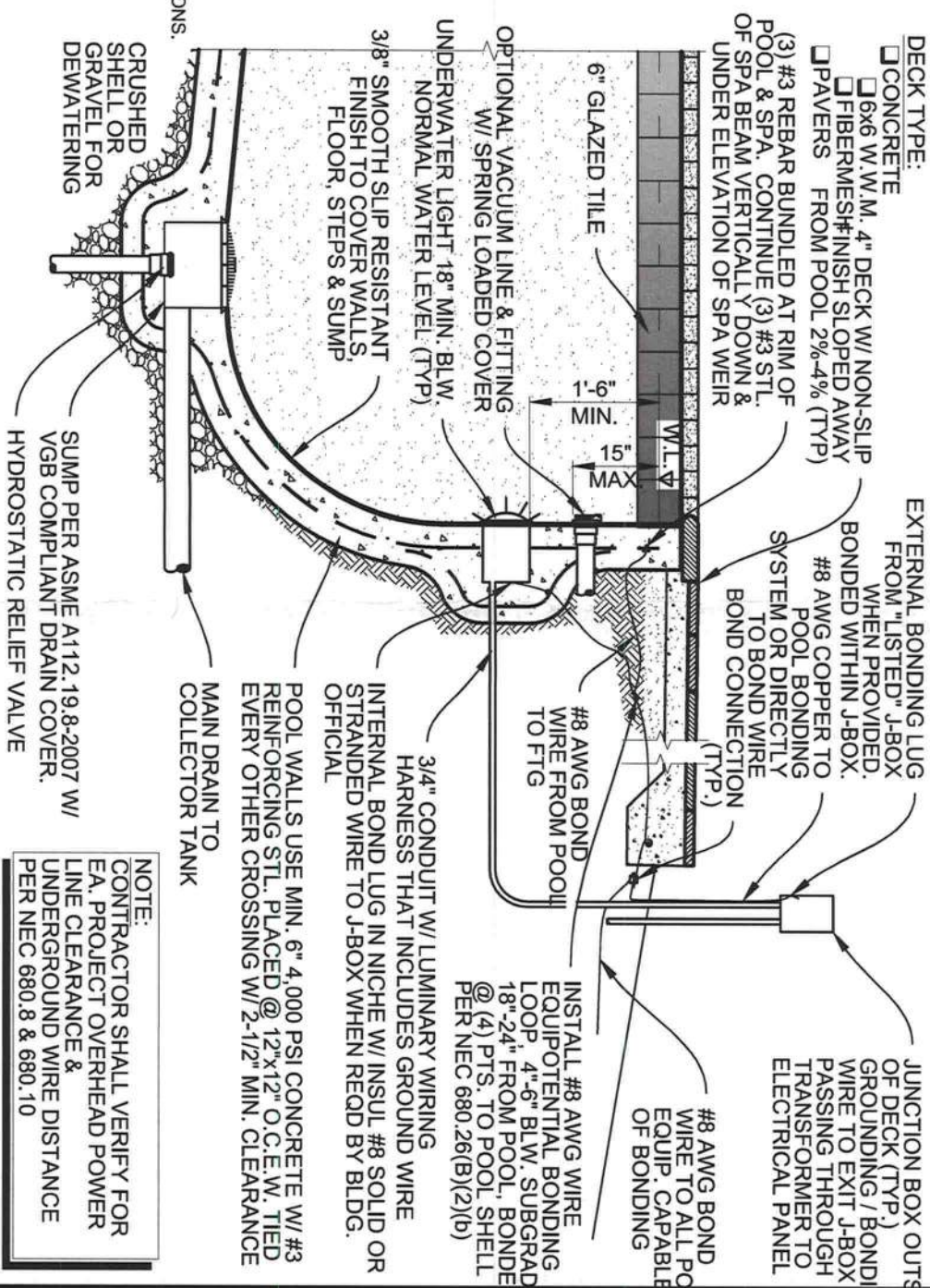
MAIN DRAINS MAY BE OMITTED ENTIRELY



- GENERAL NOTES:**
- D = INSIDE DIA. OF PIPE
 - ALL DIMENSIONS SHOWN ARE MINIMUMS.
 - ALL HIDDEN LINES INDICATE SUGGESTED SUMP CONFIGURATIONS.
- NOTES:**
- FIELD BUILD SUMPS MEETING THESE CRITERIA REOD WHEN MFR POTS NOT USED
 - MAY OMIT IF LISTED COVER DOCUMENTATION STATES OTHER CLEARANCE TO SUCTION PIPE REOD

SUMP SECTIONS PER ASME A112.19.8-2007

SCALE: N.T.S.



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

POOL DEEP END SECTION

SCALE: N.T.S.

NOTE

- APPROVED PRODUCT SPECIFICATION MAY DIFFER FROM FIELD BUILT SUMPS SHOWN ON THIS PAGE
- ### ADDITIONAL STRUCTURAL NOTES
- Use minimum ASTE A815 Grade 40 Steel
 - Lap #3 bars minimum 15"
 - Lap #5 bars minimum 25"
 - 6" Shell thickness and 2-1/2" concrete coverage are minimum
 - Use 4,000 psi concrete
 - It is highly recommended to use shotcrete and to have nozzle man or supervisor of shoot to hold an ACI Nozzleman Certification.
 - Contractor / Owner required to:
 - Obtain a soils report for the pool area to confirm a minimum 2,000 psf soil 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.



NOT FOR MASTER
PARAGON POOLS



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DATE: REVISIONS:

DWG. BY: MCM PRINTED: 6-Mar-12
CHKD. BY: JKK SCALE: AS NOTED
DATE: 29-Feb-12

TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA

S2

SHEET OF

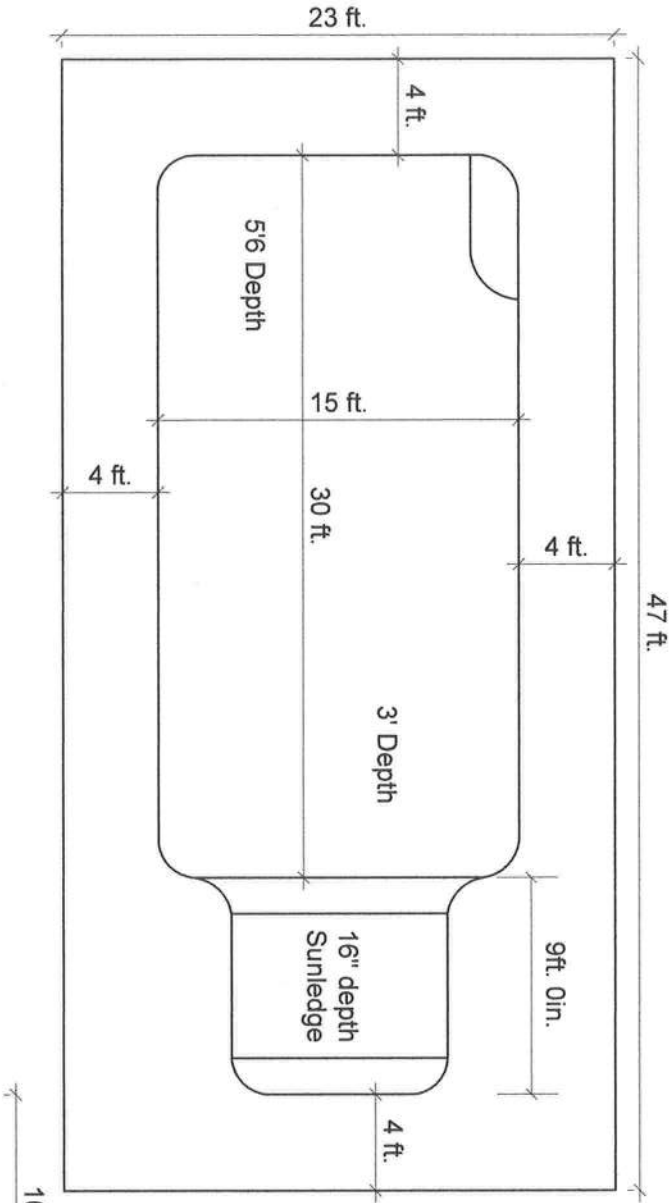
ORIG. DWG: 17"x11" (ANSI B)



Yergler, Mike and Lois
342 SW Mauldin Rd
Lake City, FL 32024

Do not duplicate - This drawing is the property of Paragon Pools and may be purchased separately. No duplication allowed.

Paragon Pools (386) 755-7300			
License CPC1456799	DESIGNER: Brent Handy Brent@ParagonPoolsOnline.com	REV 3	
SCALE 1/8" = 1'	Drawing View	SHEET 1 OF 1	



10 ft.



House

Patio:
29.0' X 14.0'

House

