



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

POINT OF COMMENCEMENT
NW CORNER OF NE 1/4
OF SECTION 33, TOWNSHIP
4 SOUTH, RANGE 16 EAST

- SURVEYOR'S NOTES
1. BOUNDARY BASED ON INFORMATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF A PREVIOUS SURVEY BY BAILEY, BISHOP & LANE, L.B. 6685 ON 04/28/88.
 2. THIS SURVEY IS IN ZONE 17 AND IS DETERMINED TO BE WITHIN THE 500 YARD FLOOD PLAIN AS PER FLOOD MAP DATED 6 JANUARY 1988 COMMUNITY PLAN NUMBER 120070 0125 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
 3. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREIN.
 4. IF THEY EXIST NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREIN.
 5. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

POINT OF BEGINNING

POINT OF TERMINATION

SCALE: 1" = 30'

SCALE: 1" = 100'

- SYMBOL LEGEND
- 4"x4" CONCRETE MONUMENT FOUND
 - 4"x4" IRON MONUMENT SET
 - IRON PIPE AND CAP SET
 - POWER POLE
 - WATER METER
 - CENTERLINE
 - WELL
 - SATELLITE DISH
 - ELECTRIC BOX
 - ELECTRIC LINES
 - CHAIN FENCE LINES
 - CHAIN FENCE
 - WOODEN FENCE

DESCRIPTION
BEGINNING 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°12'39"E, ALONG THE NORTH LINE OF SAID SECTION 33, 1072.76 FEET; THENCE S06°55'52"W, 615.10 FEET TO THE POINT OF BEGINNING; THENCE S06°55'52"W, 675.63 FEET TO THE SOUTH LINE OF THE EAST 1/2 OF THE EAST 1/2 OF SAID SECTION 33, 782.63 FEET; THENCE N06°58'28"E, 646.08 FEET TO THE POINT OF BEGINNING; THE SOUTH 60 FEET AND THE EAST 30 FEET SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS, CONTAINING 12.03 ACRES, MORE OR LESS.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS, DESCRIBED AS FOLLOWS: THE SOUTH 60.00 FEET OF THE NORTH LINE 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 MAULDIN ROAD TO THE WEST LINE OF THE EAST 1/2 OF SECTION 33.

AS TO A STRIP OF LAND 60.00 FEET WIDE, BEING 30.00 FEET EACH SIDE OF A CENTERLINE DESCRIBED AS FOLLOWS: 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°55'52"W, ALONG THE WEST LINE OF THE EAST 1/2 OF SAID SECTION 33, 1288.96 FEET; THENCE N89°18'16"E, ALONG THE SOUTH LINE OF THE NE 1/4 OF SAID SECTION 33, 1854.55 FEET; THENCE N06°58'28"E, 603.54 FEET TO THE POINT OF BEGINNING OF SAID CENTERLINE; THENCE CONTINUE N06°58'28"E, 646.08 FEET TO THE POINT OF TERMINATION OF SAID CENTERLINE.

Pool will be
fenced to meet
FL Building
Code

400'± to
rear pool
line

200'± to
pool line

290'± to
rear pool
line

400'± to
side pool
line

Eddie Anderson 754-0771
MHR FENCE 752-7191

CERTIFIED TO:

DWIGHT A. STACEY, BRODER
COLUMBIA COUNTY BANK
ASSOCIATED LAND TITLE GROUP, INC.
FIRST AMERICAN TITLE INSURANCE COMPANY

FIELD BOOK, 239 PAGE(S) 30/31

SURVEYOR'S CERTIFICATION

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 6102-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 473.007, FLORIDA STATUTES.

03/12/02
FIELD SURVEY DATE
DRAWING DATE
COLUMBIA COUNTY, FLORIDA
COLUMBIA COUNTY, FLORIDA
COLUMBIA COUNTY, FLORIDA



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



- 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
AND MANAGEMENT SERVICES, INC.
13410 2nd Ave. NE, Bradenton, FL 34211
ENGINEERING

kent@kimesengineering.com

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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

51

SHEET OF

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

EXAMPLE RESIDENTIAL POOL / SPA SCHEMATIC PLAN & NOTES

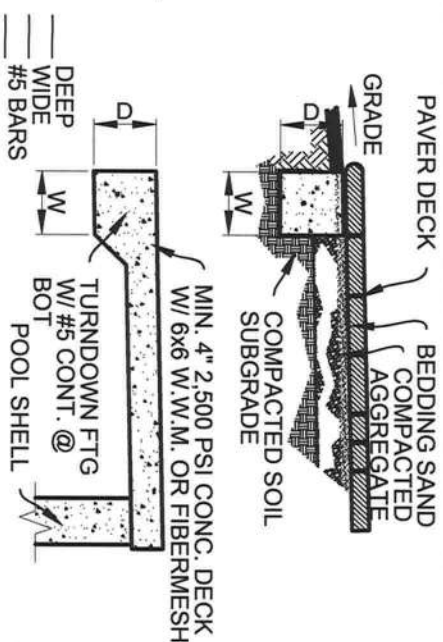
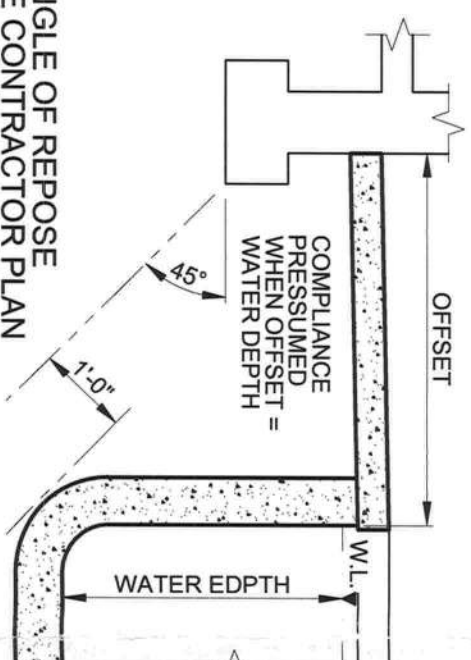
SCALE: N.T.S.

ANGLE OF REPOSE
OR SEE CONTRACTOR PLAN

DECK & FOOTING
OR SEE CONTRACTOR PLAN

POOL ONLY ☐SPA ONLY ☐

PIPE FLOW AT GIVEN VELOCITY (GPM)			
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

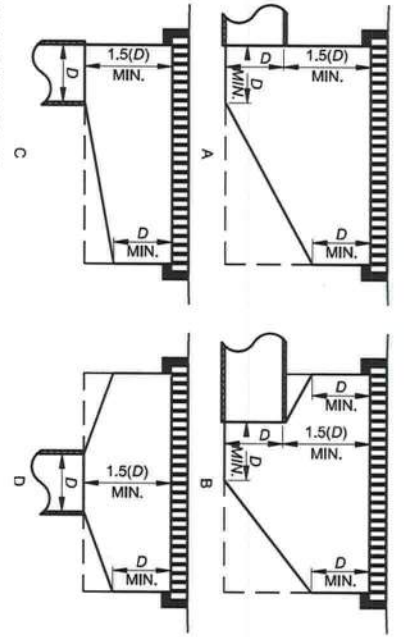
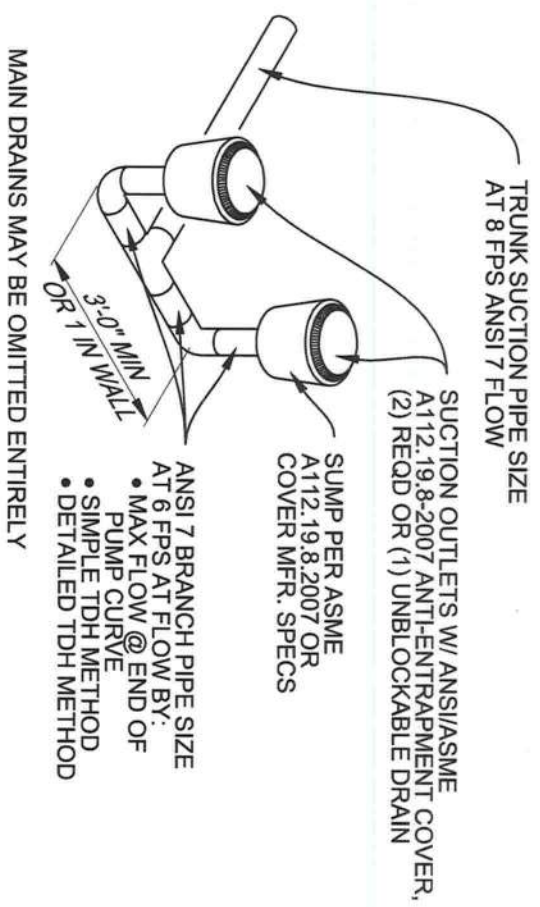


1

2

53.

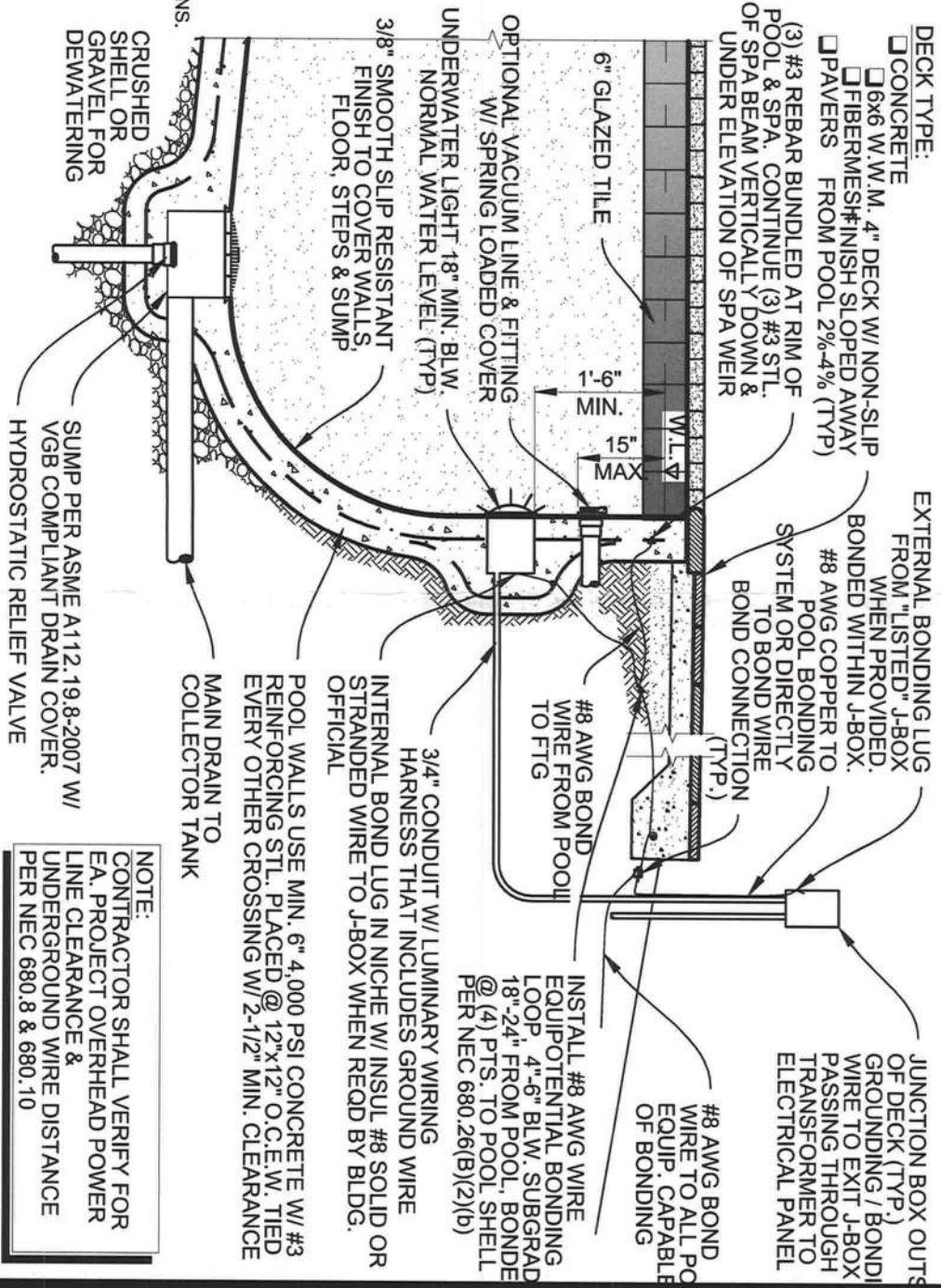
ORIG. DWG: 17"x11" (ANSI B)



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

SUMP SECTIONS PER ASME A112.19.8-2007

SCALE: N.T.S.



POOL DEEP END SECTION

SCALE: N.T.S.



NOTE
1. APPROVED PRODUCT SPECIFICATION MAY DIFFER FROM FIELD BUILT SUMPS SHOWN ON THIS PAGE
ADDITIONAL STRUCTURAL NOTES

- Use minimum ASME 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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P.E. 33678, C.A. 27189
ken@kimesengineering.com
13410 2nd Ave. NE, Bradenton, FL 34201
Office: 941-749-0311, Fax: 941-749-7391

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TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA
S2

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

SHEET OF