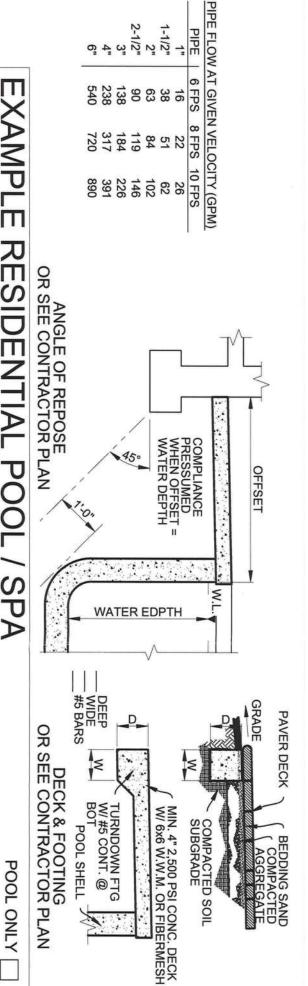


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2-1/2 3 4 6

16 38 63 90 138 238 540

SCALE: N.T.S.

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## NOTES:

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- 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
- 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. 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.

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

**PARAGON POOLS** NOT FOR MASTER NG SKENT THE STANDARD OF THE STAN

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

SECTIONS FOR

RESIDENTIAL

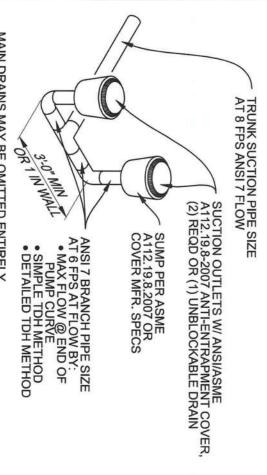
POOL/SPA

SHEET

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SPA ONLY





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MAIN DRAINS MAY BE OMITTED ENTIRELY

NOTES:
• FIELD BUILD SUMPS MEETING THESE CRITERIA REQD WHEN
• MER POTS NOT USED
• MAY OMIT IF LISTED COVER DOCUMENATION STATES OTHER
CLEARANCE TO SUCTION PIPE REQD GENERAL NOTES:

a. D = INSIDE DIA. OF PIPE
b. ALL DIMENSIONS SHOWN ARE MINIMUMS.
c. ALL HIDDEN LINES INDICATE SUGGESTED SUMP CONFIGURATIONS. D MIN. 5(D) MIN. D MIN. 1.5(D) 1.5(D) (3) #3 REBAR BUNDLED AT RIM OF POOL & SPA. CONTINUE (3) #3 STL. OF SPA BEAM VERTICALLY DOWN & UNDER ELEVATION OF SPA WEIR UNDERWATER LIGHT 18" MIN. BLW. NORMAL WATER LEVEL (TYP) OPTIONAL VACUUM LINE & FITTING
W/ SPRING LOADED COVER 3/8" SMOOTH SLIP RESISTANT FINISH TO COVER WALLS, FLOOR, STEPS & SUMP CRUSHED SHELL OR GRAVEL FOR DEWATERING DECK TYPE: □CONCRETE
□6x6 W.W.M. 4" DECK W/ NON-SLIP
□FIBERMESI#INISH SLOPED AWAY
□PAVERS FROM POOL 2%-4% (TYP) GLAZED TILE 1'-6" MIN. 15" MAX EXTERNAL BONDING LUG FROM "LISTED" J-BOX WHEN PROVIDED. BONDED WITHIN J-BOX. #8 AWG COPPER TO
POOL BONDING
POOL BONDING
TO BOND WIRE
BOND CONNECTION
(TYP.) INTERNAL BOND LUG IN NICHE W/ INSUL #8 SOLID OR STRANDED WIRE TO J-BOX WHEN REQD BY BLDG. OFFICIAL POOL WALLS USE MIN. 6" 4,000 PSI CONCRETE W/#3 REINFORCING STL. PLACED @ 12"x12" O.C.E.W. TIED EVERY OTHER CROSSING W/ 2-1/2" MIN. CLEARANCE MAIN DRAIN TO COLLECTOR TANK WIRE FROM POOL TO FTG 3/4" CONDUIT W/ LUMINARY WIRING HARNESS THAT INCLUDES GROUND WIRE NOTE:
CONTRACTOR SHALL VERIFY FOR EA. PROJECT OVERHEAD POWER LINE CLEARANCE & UNDERGROUND WIRE DISTANCE PER NEC 680.8 & 680.10 - INSTALL #8 AWG WIRE EQUIPOTENTIAL BONDING LOOP, 4"-6" BLW. SUBGRAD 18"-24" FROM POOL, BONDE @ (4) PTS. TO POOL SHELL PER NEC 680.26(B)(2)(b) OF DECK (TYP.)
OF DECK (TYP.)
GROUNDING / BONDI
WIRE TO EXIT J-BOX
PASSING THROUGH
TRANSFORMER TO
ELECTRICAL PANEL - #8 AWG BOND WIRE TO ALL PC EQUIP. CAPABLE OF BONDING

D. MIN.

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5(D) AIN.



## 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

- 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.

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PARAGON POOLS

NOT FOR MASTER

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YPICAL PLAN & RESIDENTIAL **ECTIONS FOR** /SPA

SHEET

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SCALE: N.T.S.

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SECTION

SUMP PER ASME A112.19.8-2007 W/VGB COMPLIANT DRAIN COVER.

DATE: CHKD. BY:

29-Feb-12

JKK | SCALE: AS NOTED

HYDROSTATIC RELIEF VALVE

SCALE: N.T.S.

N

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