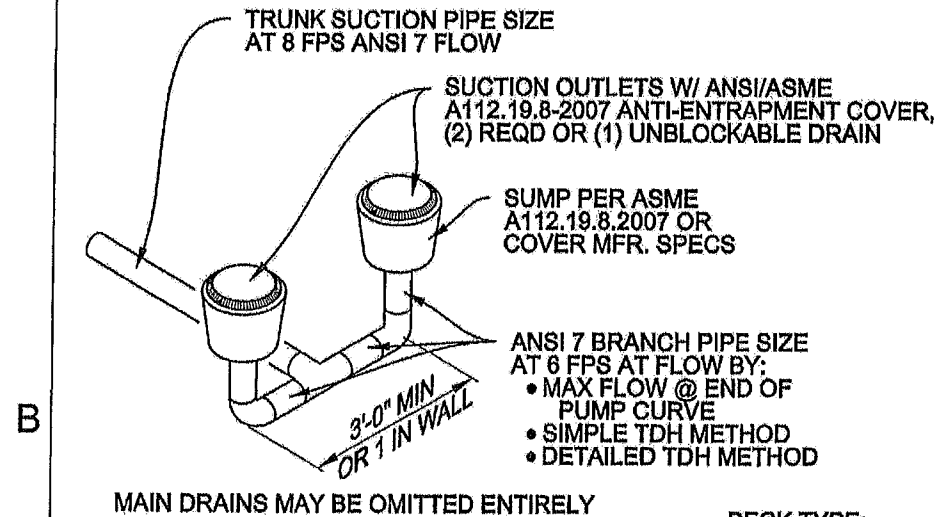


1

2



DECK TYPE:
☐ CONCRETE
☐ 6x6 W.W.M.
☐ FIBERMESH
☐ PAVERS

4" DECK W/ NON-SLIP
FINISH SLOPED AWAY
FROM POOL 2%-4% (TYP)

(3) #3 REBAR BUNDLED AT RIM OF
POOL & SPA. CONT. #3 STL. OF SPA
BEAM VERT. DOWN & UNDER ELEV. OF
SPA WEIR. [OPTION:] CONTRACTORS
MAY CHOOSE TO USE (3) #3 BARS
WITHIN TOP OF BEAM SPACED 1"
APART + OR -

EXTERNAL BONDING LUG
FROM "LISTED" J-BOX
WHEN PROVIDED.
BONDED WITHIN J-BOX.
#8 AWG COPPER TO
POOL BONDING
SYSTEM OR DIRECTLY
TO BOND WIRE

JUNCTION BOX OUTSIDE
OF DECK (TYP.)
GROUNDING / BONDING
WIRE TO EXIT J-BOX
PASSING THROUGH
TRANSFORMER TO
ELECTRICAL PANEL

BOND CONNECTION
(TYP.)

#8 AWG BOND
WIRE TO ALL POOL
EQUIP. CAPABLE
OF BONDING

INSTALL #8 AWG WIRE
EQUIPOTENTIAL BONDING
LOOP. 4"-6" BLW. SUBGRADE,
18"-24" FROM POOL, BONDED
@ (4) PTS. TO POOL SHELL
PER NEC 680.26(B)(2)(b)

3/4" CONDUIT W/ LUMINARY WIRING
HARNESS THAT INCLUDES GROUND WIRE
INTERNAL BOND LUG IN NICHE W/ INSUL #8 SOLID OR
STRANDED WIRE TO J-BOX WHEN REQD BY BLDG.
OFFICIAL

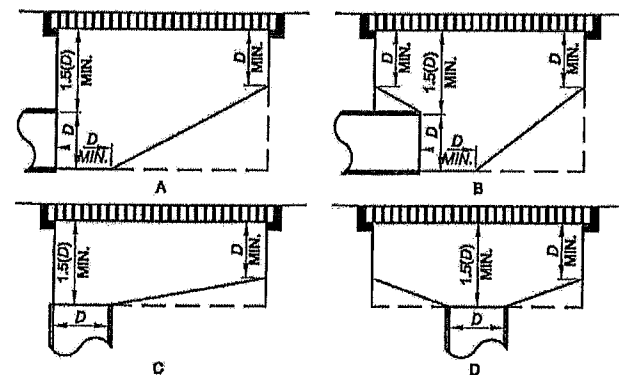
POOL WALLS USE MIN. 6" 4,000 PSI CONCRETE W/ #3
REINFORCING STL. PLACED @ 12"x12" O.C.E.W. TIED
EVERY OTHER CROSSING W/ 2-1/2" MIN. CLEARANCE

MAIN DRAIN TO
PUMP

CRUSHED
SHELL OR
GRAVEL FOR
DEWATERING

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

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



GENERAL NOTES:
a. D = INSIDE DIA. OF PIPE
b. ALL DIMENSIONS SHOWN ARE MINIMUMS.
c. ALL HIDDEN LINES INDICATE SUGGESTED SUMP CONFIGURATIONS.

NOTES:
• FIELD BUILT SUMPS MEETING THESE CRITERIA REQD WHEN
MFR POTS NOT USED
• MAY OMIT IF LISTED COVER DOCUMENTATION STATES OTHER
CLEARANCE TO SUCTION PIPE REQD

**SUMP SECTIONS PER
ASME A112.19.8-2007**

SCALE: N.T.S.

1

**POOL
DEEP END SECTION**

SCALE: N.T.S.

2



NOTE

1. 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 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.

INFORMATION ON THIS SHEET COMPLIES WITH 2010 FBC
INCLUDING 2010 FBC ENERGY CONSERVATION CODE

182 SW WINDSOR HILL GLN
PARAGON POOLS

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DATE: REVISIONS:

DWG. BY: MCM PRINTED: 13-Apr-12
CHKD. BY: JKK SCALE: AS NOTED
DATE: 13-Apr-12

**TYPICAL PLAN &
SECTIONS FOR
RESIDENTIAL
POOL/SPA**

S2

SHEET OF

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