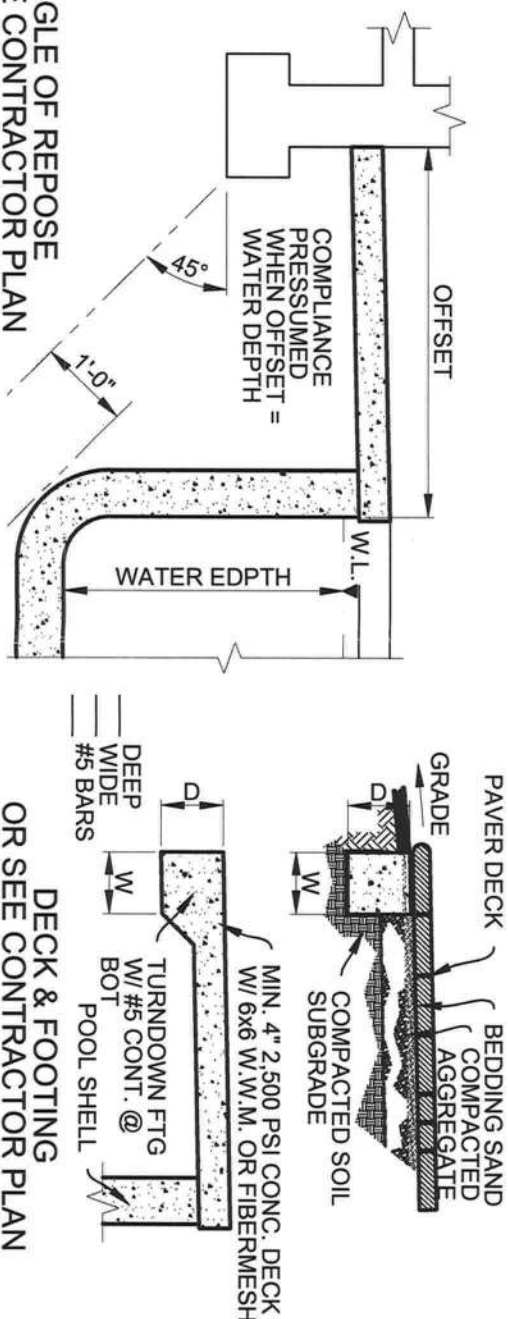


Pressure Suction Branch		FPS	
ANSI 5	10	8	-
ANSI 7	-	8	6
ANSI 15	8	6	-

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	



EXAMPLE RESIDENTIAL POOL / SPA SCHEMATIC PLAN & NOTES

POOL ONLY ☐
SPA ONLY ☐

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



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

TYPICAL PLAN & SECTIONS FOR RESIDENTIAL POOL/SPA

S1

