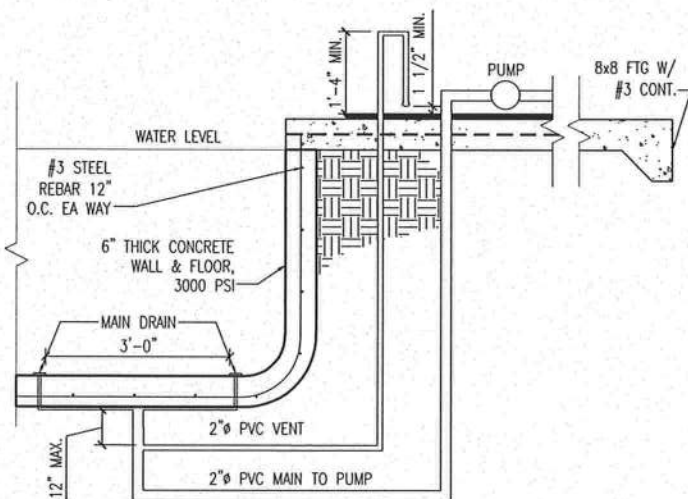


SECTION
 $\frac{3}{16}'' = 1'$

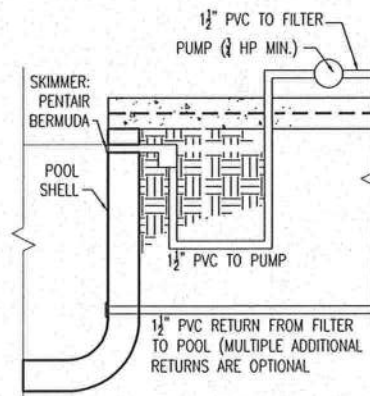
PIPE SIZING CHART (MAX.)		
PIPE	SUCTION	PRESSURE
1½"	35 GPM	60 GPM
2"	60 GPM	100 GPM



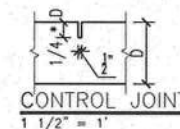
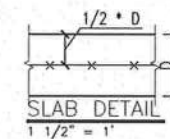
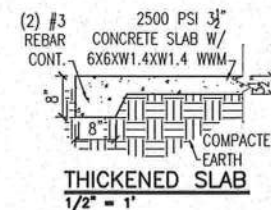
NOTES:

1. MAIN SUCTION LINE IS TO BE 2"Ø
2. VENT LINE IS TO BE 2"Ø
3. LABEL VENT "HANDS-OFF; POOL SAFETY DEVICE"
4. MAXIMUM UNDERWATER LENGTH OF VENT PIPE IS 30'. 90° BENDS SHOULD BE COUNTED AS 3' OF PIPE, 45° BENDS AS 2'
5. MINIMUM PUMP FLOW REQUIRED IS 42 GPM; TEST FLOW RATE OF 60 GPM CLEARED VENT LINE IN LESS THAN 3 SECONDS

MAIN DRAIN WITH AIR VENT
 $\frac{1}{2}'' = 1'$



**SKIMMER MAIN RETURN SYSTEM
SUCTION PIPEWORK DIAGRAM**
 $\frac{1}{8}'' = 1'-0''$



REV.	DATE	REVISION NOTES
0	05/13/10	ISSUED FOR CONSTRUCTION

P.O. BOX 167
130 W. HOWARD STREET
LIVE OAK, FL 32064
TEL: (904) 382-8133
FAX: (904) 382-8133
CARY J. GILL, PE 51942
AUTH. # 0461



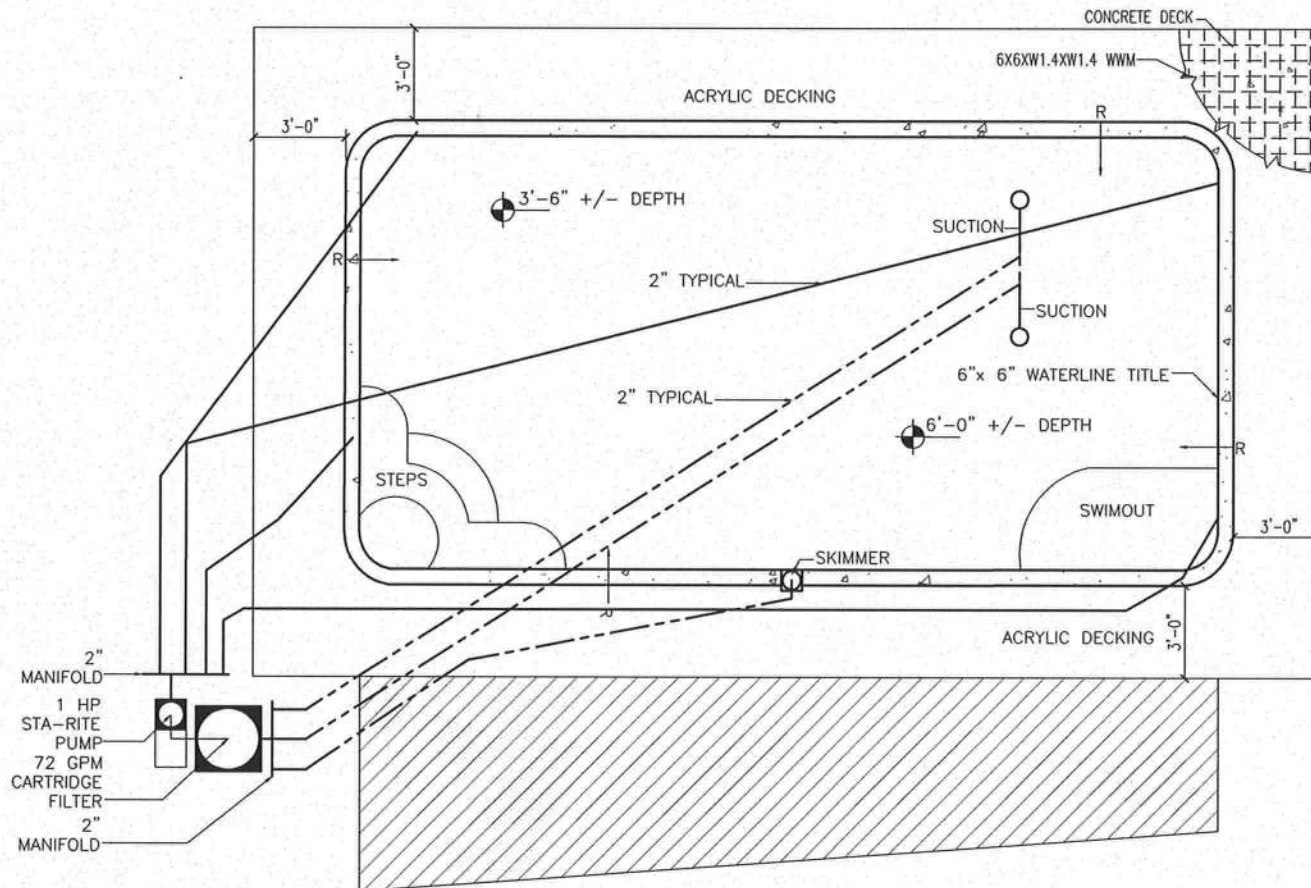
PEELER POOLS
CERTIFIED POOL PLANS
FLORIDA

SECTIONS

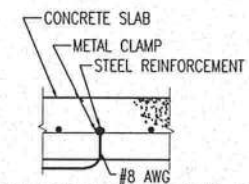
PROJECT NUMBER
PF10-074
DESIGNED BY
F. VULETICH
CHECKED BY
G.J.G.

S-1.0

SHEET 2 OF 3



- NOTE:
1. *EQUIPOTENTIAL BONDING GRID
 - A. USE SOLID #8 AWG OR LARGER COPPER CONDUCT TO BOND ALL THE METAL IN AND AROUND THE POOL TOGETHER INTO AN INTERCONNECTED GRID.
 - B. THE REINFORCED CONCRETE DECK AND POOL SHELL WILL SERVE AS AN EQUIPOTENTIAL BONDING GRID
 2. CONTRACTOR TO SPEC. AND DESIGN FINAL PUMPING AND PIPING



EQUIPOTENTIAL BOND DETAIL
1 1/2" = 1'

PLAN VIEW		PEELER POOLS		REVISION NOTES	
CERTIFIED POOL PLANS		130 W. HOWARD STREET		REV.#	DATE
FLORIDA		P.O. BOX 187		0	05-18-10
		LIVE OAK, FL 32066			
		PHONE (850) 383-3978			
		FAX (850) 383-8153			
		GARY J. GILL, PE 01942			
		ELECTRICAL CONTRACTING AUTH. # 9481			
					
		</			