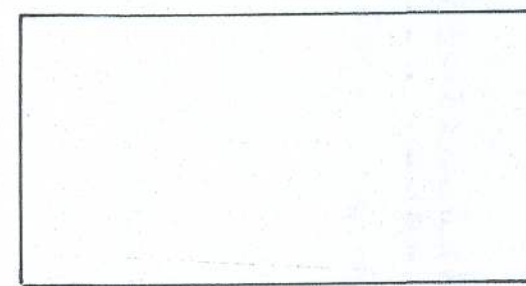
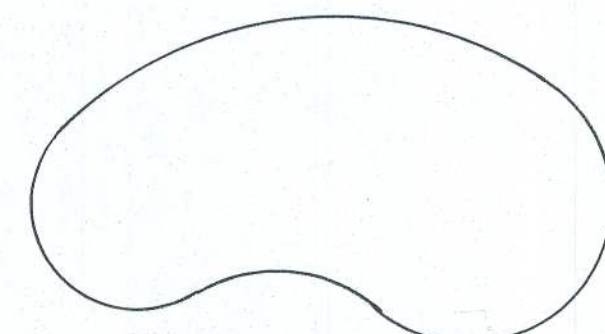


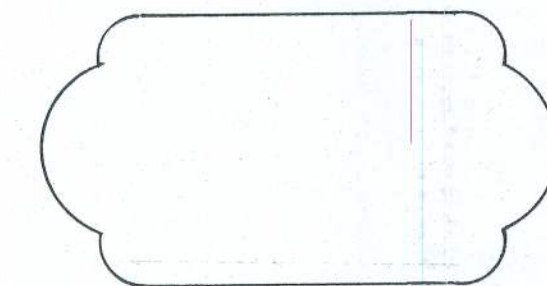
Grecian



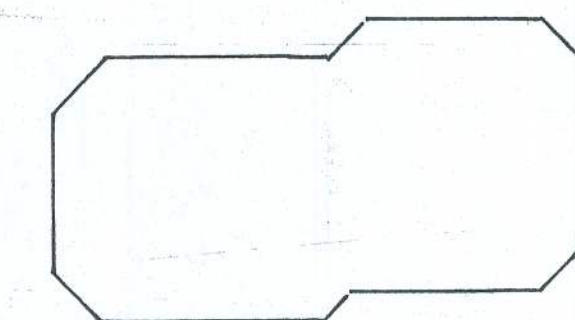
Rectangle



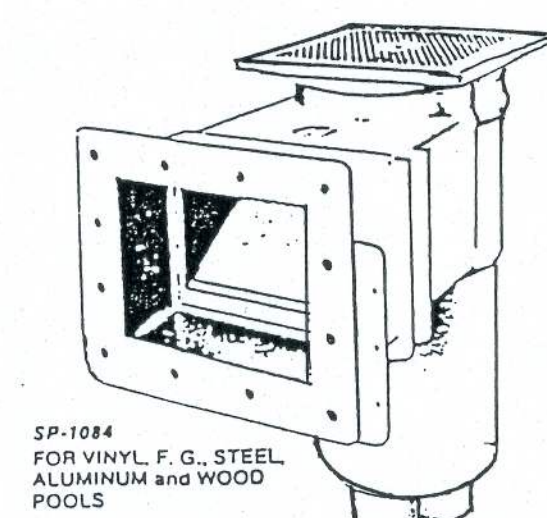
Kidney



Roman End

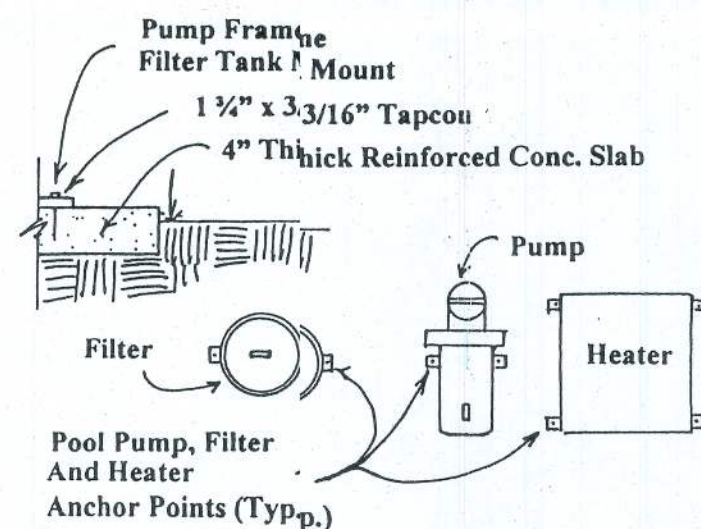


Grecian (Offset)



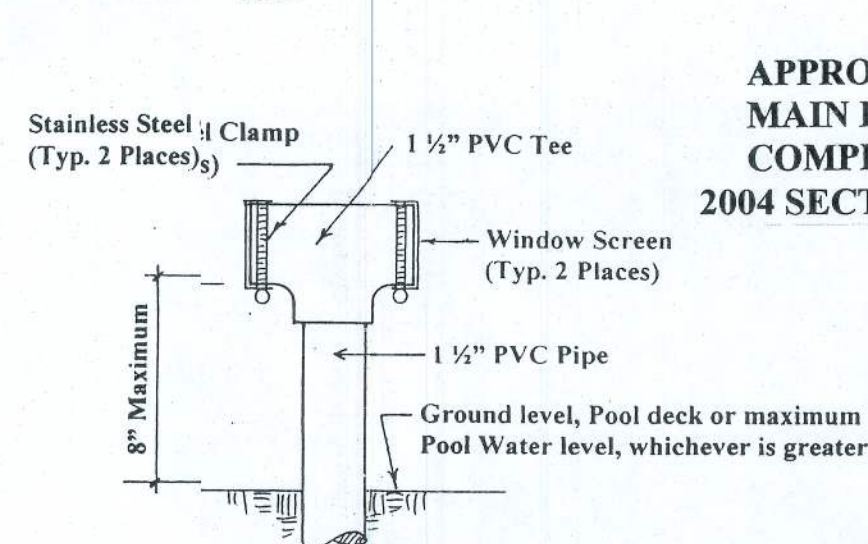
MODEL	PIPE SIZE	DESCRIPTION
SP-1084	2"	Same as SP-1082, but with 8 1/2" throat, ABS face rim (vents), gaskets, screws, plus drilled mounting flange for wood pools.
SP-1084-1	1 1/2"	Same as SP-1084-1, but with 8 1/2" diameter round cover (not illustrated).
SP-1084-1R	1 1/2"	

1. SKIMMER TO BE NSF APPROVED
2. SKIMMER TO HAVE A MIN. FLOW RATE OF 20 GPM
3. 1 SKIMMER REQ'D FOR EACH 600 S.F. OF AREA THEREOF OF WATER SURFACE AREA.



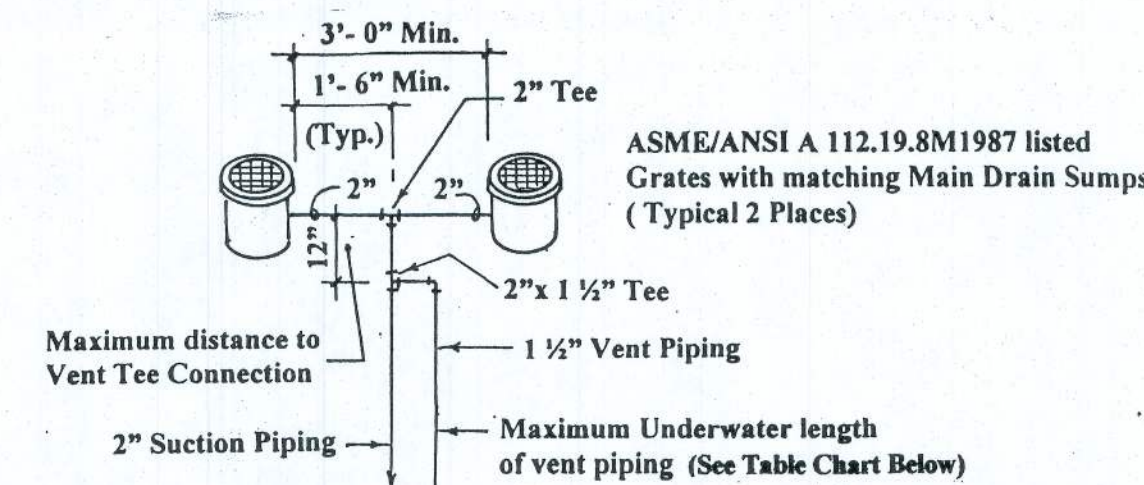
Note: Anchor Bolts Through Base (1 1/2" x 3/16" Tapcons) for Pool Pump & Filter

Pool Equipment Anchoring



The 1 1/2" atmospheric vent tee shall be located not less than 8 inches, measured from the bottom of the straight leg of the 1 1/2" tee, above the ground level, pool deck, or maximum pool water level, whichever provides the greatest elevation.

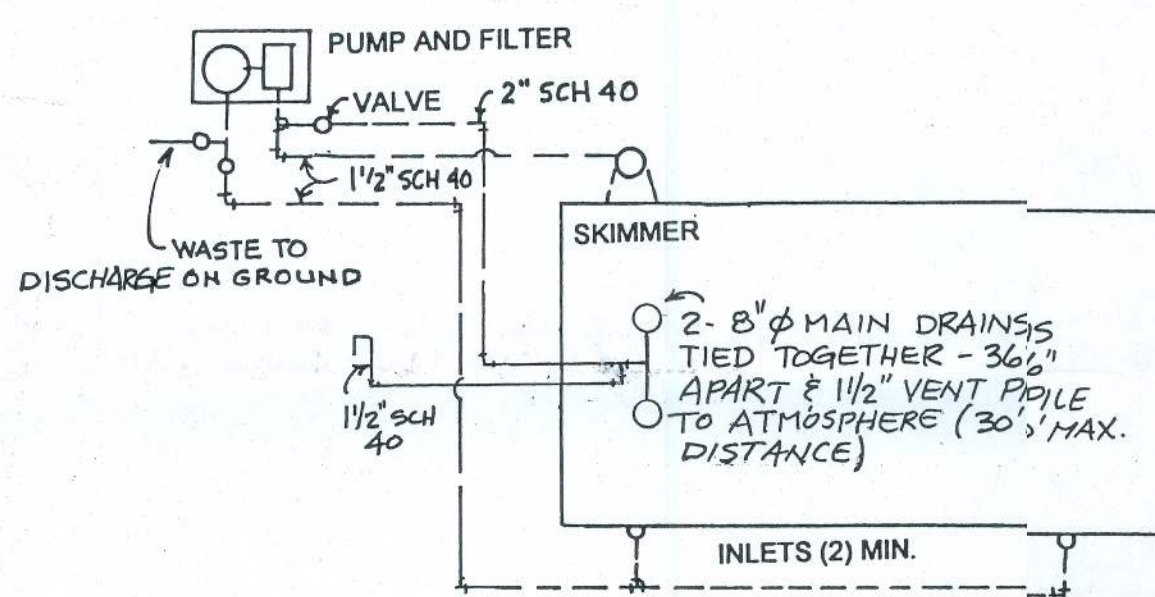
Atmospheric Vent Detail



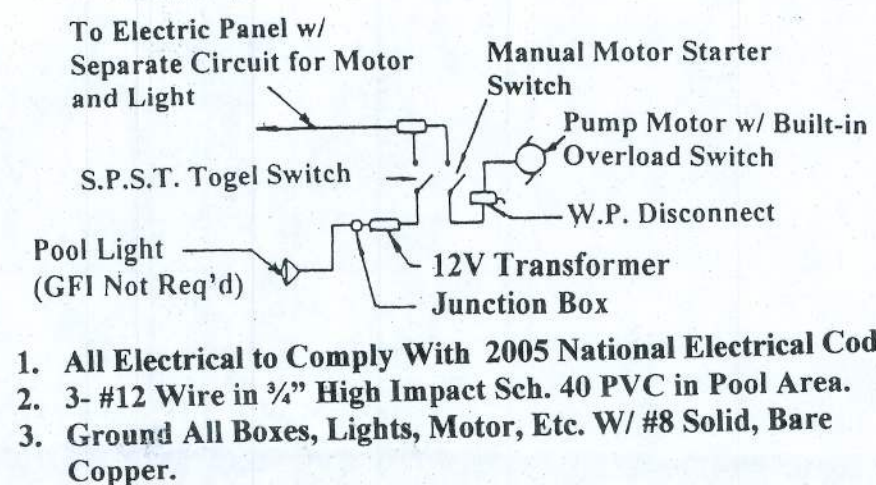
Vent to Atmosphere in a manner that the vent will not be blocked by infestation, debris build-up, or microbiological contamination. Label vent: "POOL SAFETY DEVICE - DO NOT HANDLE"

APPROVED SWIMMING POOL, SPA, AND WADING POOL DUAL MAIN DRAIN ATMOSPHERIC VENT ARRANGEMENT FOR COMPLIANCE WITH THE FLORIDA RESIDENTIAL CODE 2004 SECTION R4101.6.6.4.

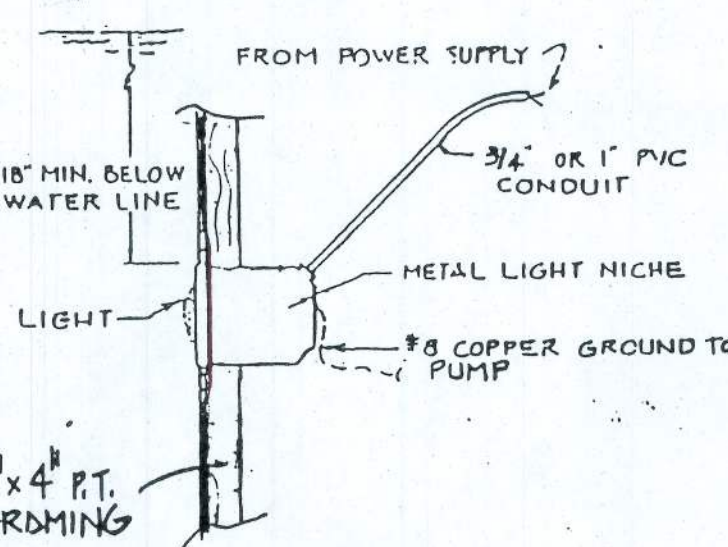
PUMP SIZE	UNDERWATER LENGTH
3/4 HP	12' MIN. - 19' MAX.
1 HP	12' MIN. - 24' MAX.
1 1/2 HP	12' MIN. - 31' MAX.
2 HP	12' MIN. - 41' MAX.



PLUMBING DIAGRAM - SCHEMATIC ONLY Main Drain Locations ALL MAIN DRAINS ARE TO BE LOCATED AT THE DEEPEST POINT OF POOL.



Electrical Diagram



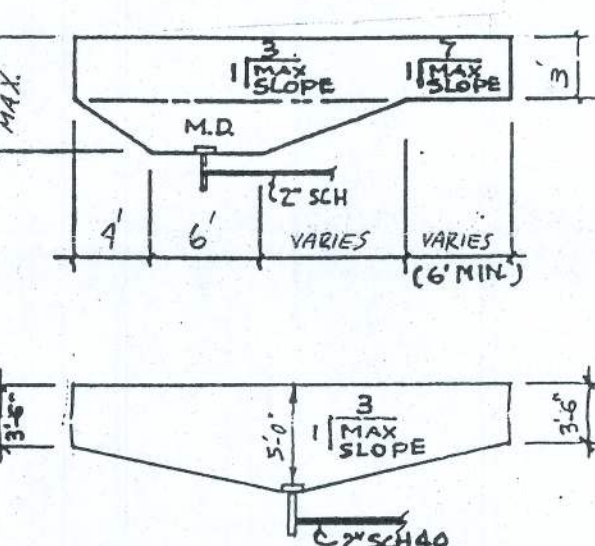
LIGHT DETAIL

GENERAL NOTES:

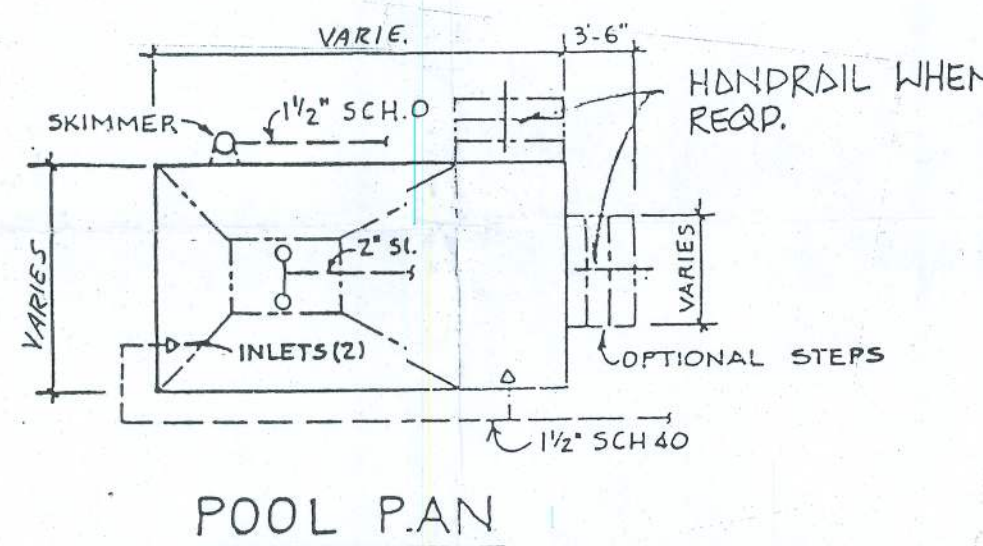
1. ALL LIGHTS, LADDERS, HANDRAILS, ETC. TO BE GROUNDED PER CODE.
2. ALL BACKFILL TO BE CLEAN SAND COMPACTED TO 95% MAX. DRY DENSITY IN 12" LIFTS.
3. ALL POOLS TO BE TYPE "O" NO DIVING.
4. ALL WOOD IMPREGNATED TO DENSITY 0.40 (LP 22) WITH CHROMATED COPPER ARSENATE.
5. ALL CONCRETE TO HAVE MIN. COMPRESSIVE STRENGTH OF 2500 P.S.I. (28 DAYS).
6. GRATE IN MAIN DRAIN SHALL HAVE A FREE AREA OF 4 TIMES THE AREA OF THE SUCTION LINE.
7. STEP TO HAVE 10" MIN. TREAD AND 12" MAX. RISER.
8. POOL TO BE FENCED PER LOCAL CODE, GATES TO BE SELF-CLOSING AND SELF-LATCHING.
9. DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH ANSI/APSP-3-03, ANSI/APSP-4-03, ANSI/APSP-5-03, AND ANSI/APSP-6-03, STANDARD FOR RESIDENTIAL SWIMMING POOLS; PUBLISHED BY THE NATIONAL POOL AND SPA INSTITUTE OR OTHER ACCEPTED ENGINEERING PRACTICES.
10. SPAS AND HEATED SWIMMING POOLS SHALL BE EQUIPPED WITH A COVER DESIGNED TO MINIMIZE HEAT LOSS. EXCEPTIONS: OUTDOOR POOLS DERIVING OVER 70 PERCENT OF THE ENERGY FOR HEATING FROM NON-DEPLETABLE ON SITE-RECOVERED SOURCES COMPUTED OVER AN OPERATING SEASON ARE EXEMPT FROM THIS REQUIREMENT.
11. ALL FEATURES OF THE POOL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLORIDA RESIDENTIAL CODE, SECTION R4101 - PRIVATE SWIMMING POOL, AND LOCAL AMENDMENTS, IF ANY.
12. ONE OF THE FOLLOWING POOL SAFETY FEATURE OPTIONS MUST BE PROVIDED ON ALL SWIMMING POOLS/SPAS.
 1. THE POOL MUST BE ISOLATED FROM ACCESS TO A HOME BY AN ENCLOSURE THAT MEETS THE POOL BARRIER REQUIREMENTS OF THE FLORIDA RESIDENTIAL CODE 2004 SECTION R4101.17.
 2. THE POOL MUST BE EQUIPPED WITH AN APPROVED SAFETY POOL COVER.
 3. ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH AN EXIT ALARM THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85db A AT 10 FEET PER FRC SEC. R4101.17.1.3.
 4. ALL DOORS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH A SELF-CLOSING, SELF-LATCHING DEVICE WITH A RELEASE MECHANISM PLACED NO LOWER THAN 54 INCHES ABOVE THE FLOOR.

PLUMBING NOTES:

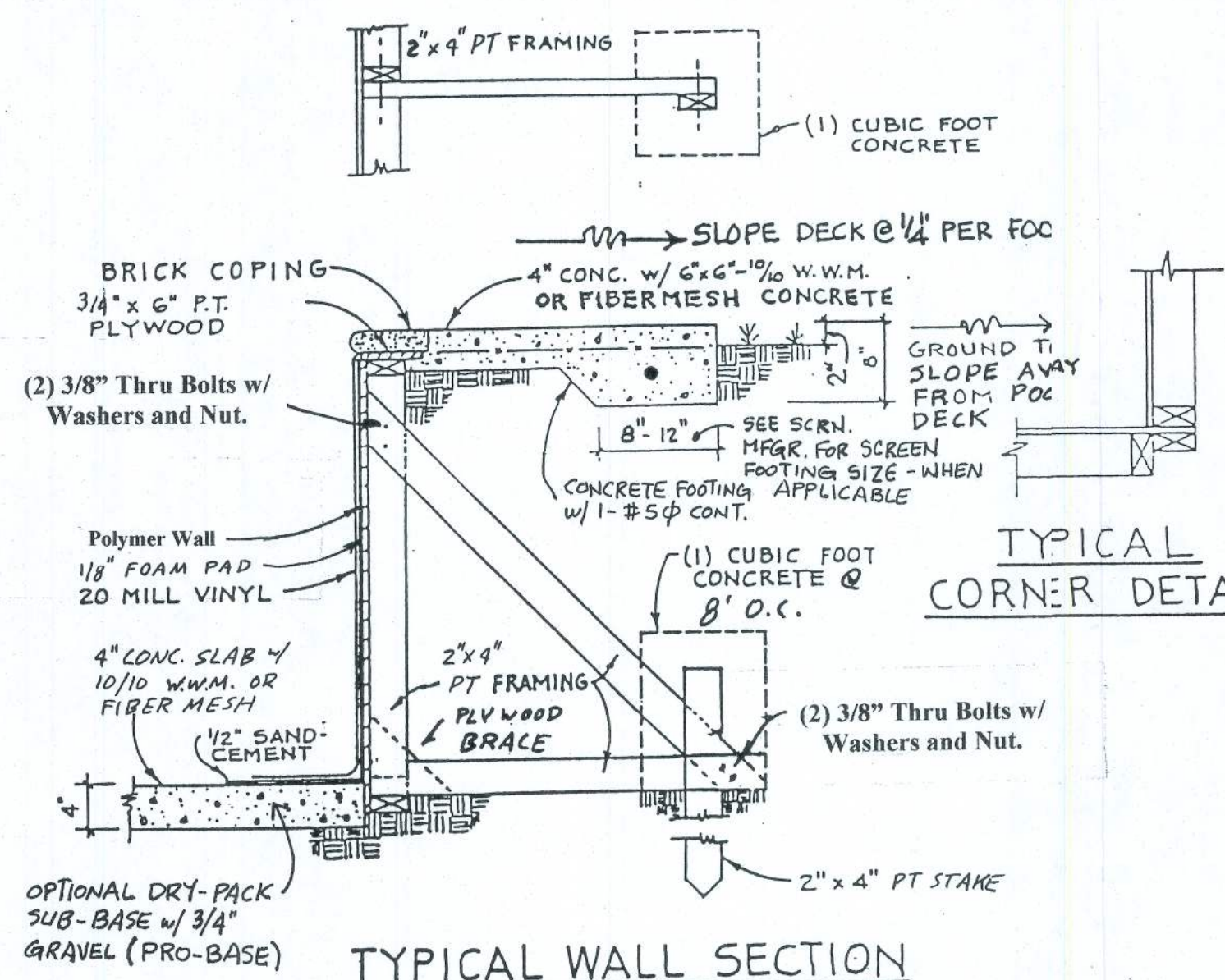
1. ALL PIPING, EQUIPMENT AND MATERIALS USED IN THE PLUMBING SYSTEM OF SWIMMING POOLS THAT ARE BUILT IN PLACE SHALL CONFORM TO THE FLORIDA RESIDENTIAL CODE, PLUMBING AND SECTION R4101 - PRIVATE SWIMMING POOLS.
2. POOL PIPING SHALL BE DESIGNED SO THE WATER VELOCITY WILL NOT EXCEED 10 FEET PER SECOND.
3. VALVES SHALL BE MADE OF MATERIALS THAT ARE APPROVED IN THE FLORIDA BUILDING CODE, PLUMBING. VALVES LOCATED UNDER CONCRETE SLABS SHALL BE SET IN A PIT HAVING AT LEAST A DIMENSION OF FIVE DIAMETERS WITH A MINIMUM OF AT LEAST 10 INCHES AND FITTED WITH A SUITABLE COVER. ALL VALVES SHALL BE LOCATED WHERE THEY WILL BE READILY ACCESSIBLE FOR MAINTENANCE AND REMOVAL.
4. WHERE CHECK VALVES ARE INSTALLED, THEY SHALL BE OF THE SWING OR VERTICAL CHECK PATTERN.
5. ALL HEATERS SHALL BE EQUIPPED WITH AN APPROVED PERMANENT BY-PASS OR ANTI-SIPHON DEVICE INSTALLED TO PROVIDE A POSITIVE MEANS OF RETAINING WATER IN THE HEATER WHEN THE PUMP IS NOT IN OPERATION.
6. ALL POOL PIPING SHALL BE 1 1/2" SCH. 40 PVC EXCEPT AS SHOWN AND SHALL BEAR THE HSP SEAL OF APPROVAL.
7. THIS POOL IS DESIGNED TO WITHSTAND HYDROSTATIC UPLIFT FORCES WHEN EMPTY FOR WATER TABLE UP TO 3'-0" BELOW POOL DECK ELEVATION. HOWEVER, DUE TO SEASONAL VARIATIONS IN WATER TABLE ELEVATIONS, ALL POOLS TO BE FITTED WITH A HYDRO-STATIC RELIEF VALVE.
8. WATER SUPPLY AND DISPOSAL SHALL BE ARRANGED SO THERE IS NO CROSS SUCTION WITH A DOMESTIC WATER SUPPLY OF WATER DISPOSAL.



POOL PROFILES

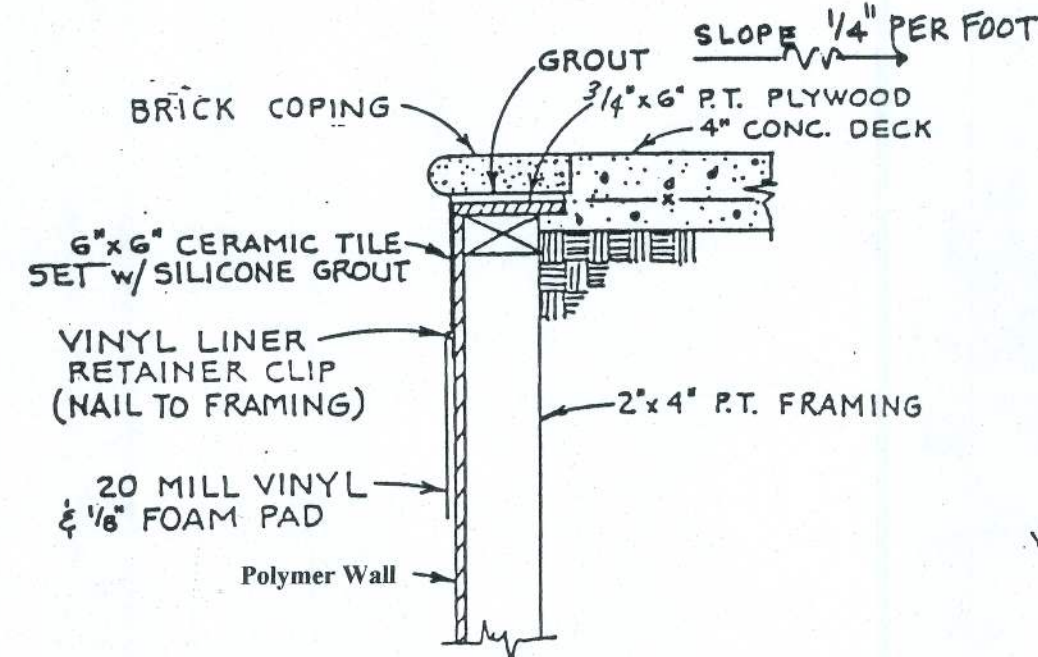


POOL PAN Type "O" - P

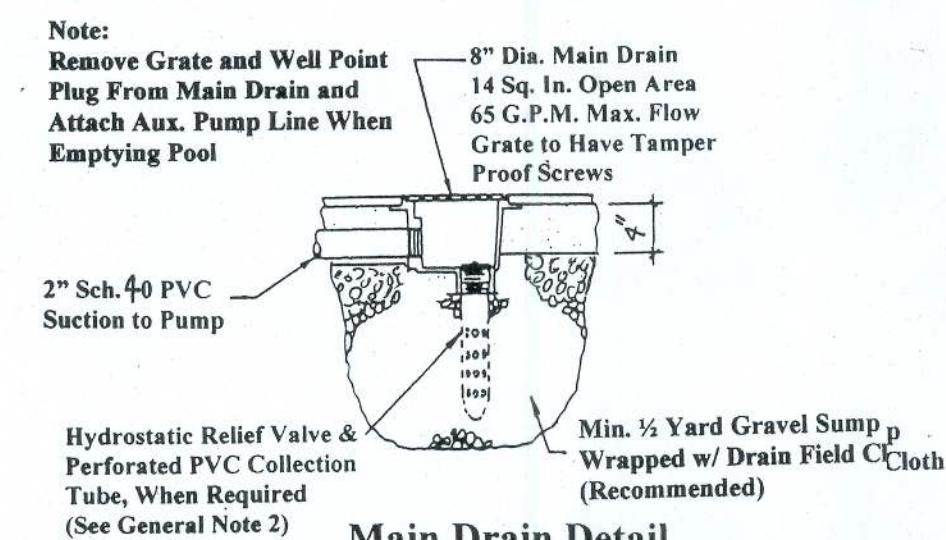


TYPICAL WALL SECTION

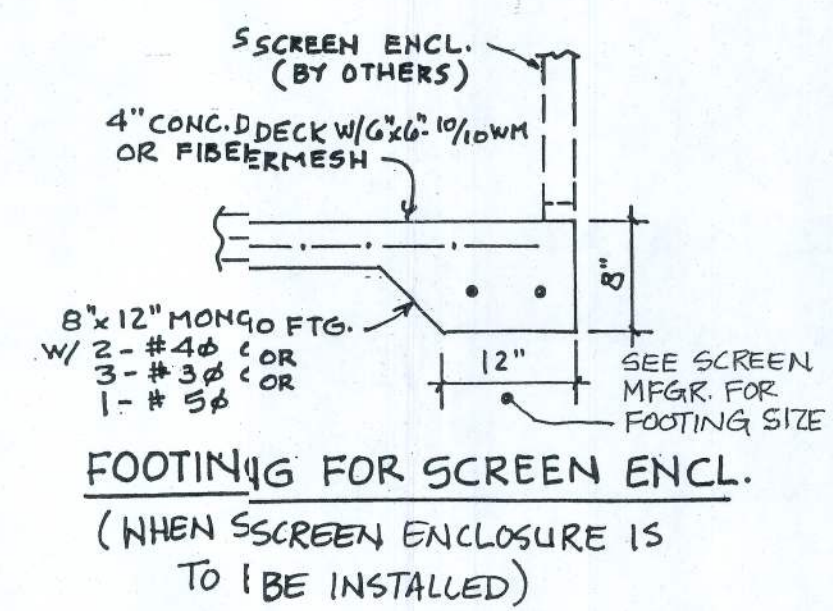
w/ SUPPORT DETAIL



ALTERNATE DETAIL USING CERAMIC TILE

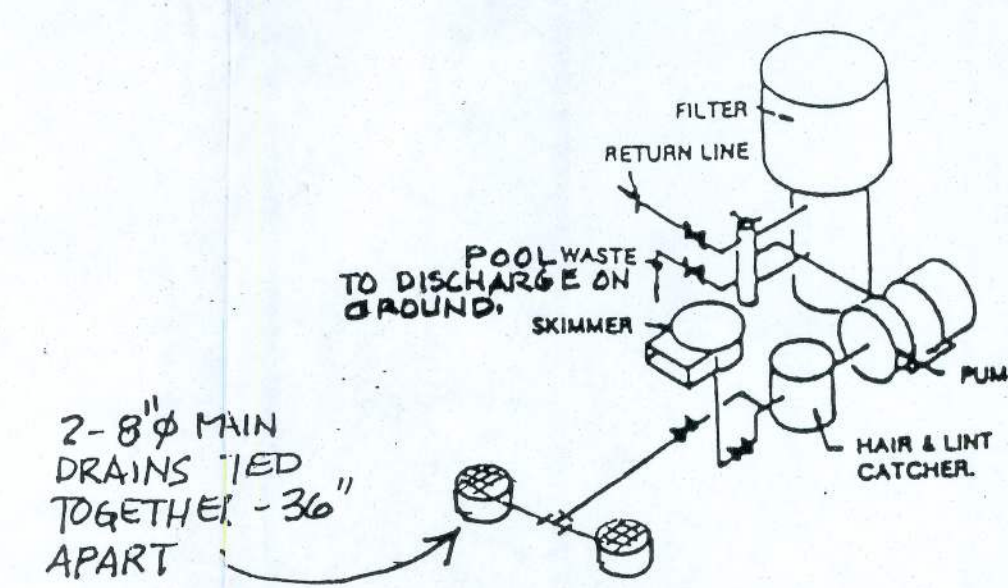


Main Drain Detail

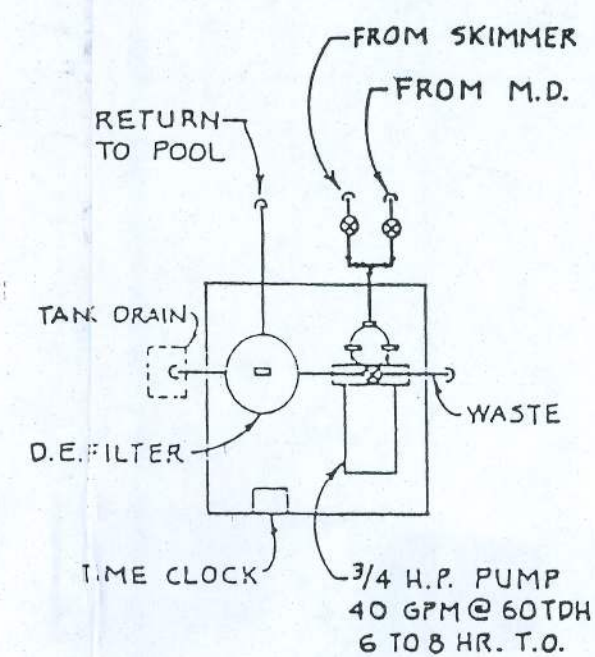


FOOTINGS FOR SCREEN ENCL. (WHEN SCREEN ENCLOSURE IS TO BE INSTALLED)

Pool Name	Size	Gallons	Perimeter	Depth
Grecian	13 x 24	9,0965	68	3' - 5'
	14 x 29	13,397	80	3' - 5'-10"
	17 x 31	17,470	90	3' - 6'
Rectangle	13 x 24	9,335	74	3' - 5'
	15 x 29	14,642	86	3' - 6'
Kidney	14 x 25	8,752	68	3' - 5'
Roman End	18 x 37	19,388	98	3' - 6'
Grecian (Offset)	13 x 26	11,107	72	3' - 5'-10"



PIPING SCHEMATIC



EQUIPMENT PLAN

NTS

POOL CONTRACTOR TO VERIFY ALL POOL DIMENSIONS, POOL LOCATION AND SETBACK PRIOR TO CONSTRUCTION.

CURTIS - SINCLAIR, INC.
8259 N. MILITARY TRAIL, SUITE 3
PALM BEACH GARDENS, FL 33418
PH. 561-630-8534 FAX 561-630-4570
C.O.A. No. 5725

Family Pool, Spa & Billiards

DRAWN	MAP
CHECKED	NJC.
DATE	10-27-03
SCALE	NOTED
DB NO.	03-494
SHEET	1

OF SHEETS

AUG 18 2006