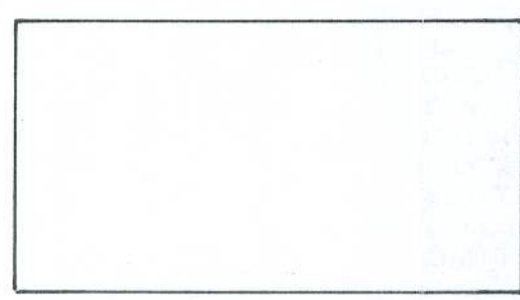
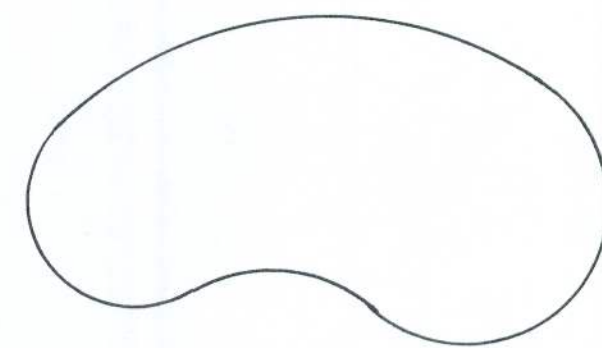


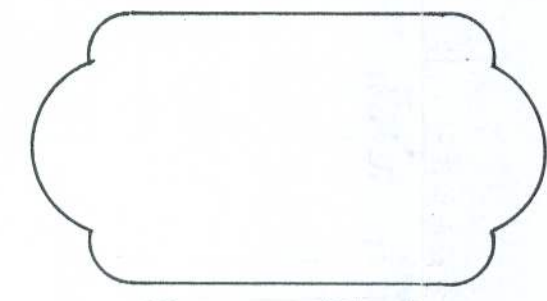
Grecian



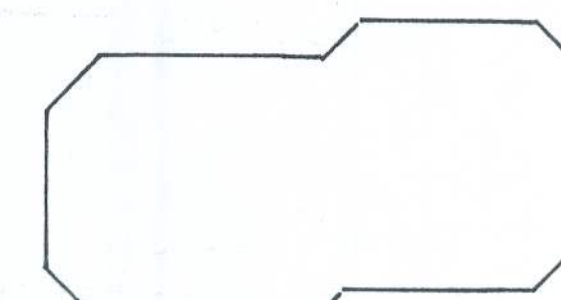
Rectangle



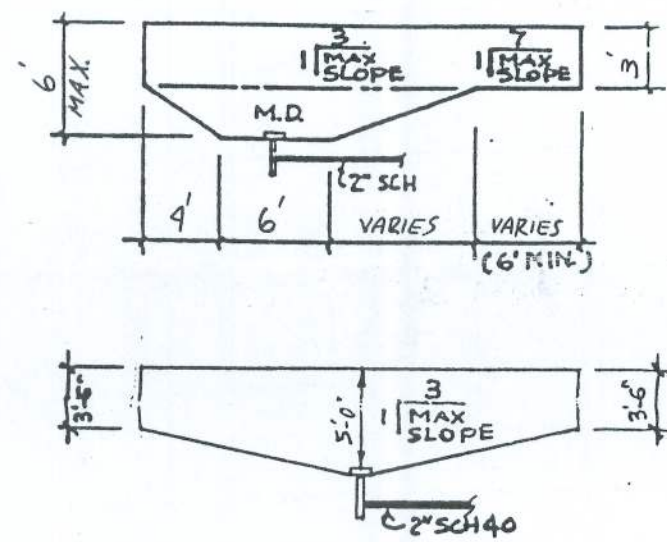
Kidney



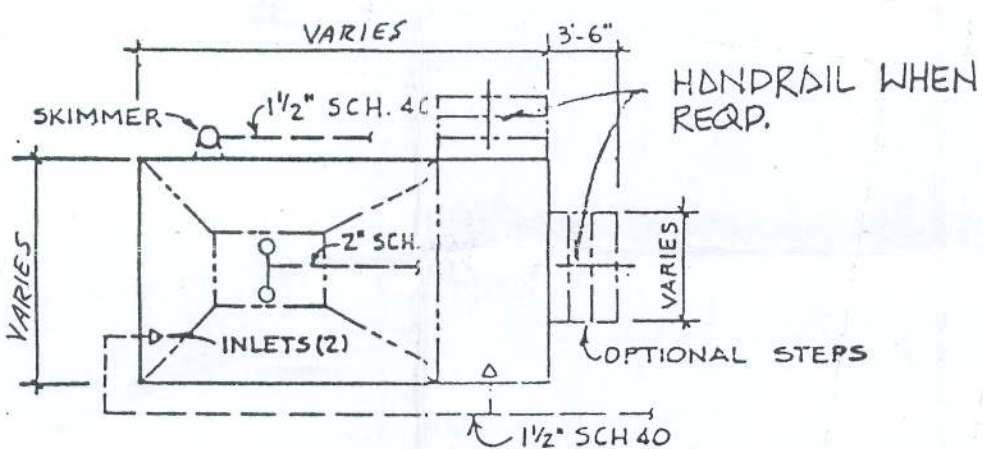
Roman End



Grecian (Offset)

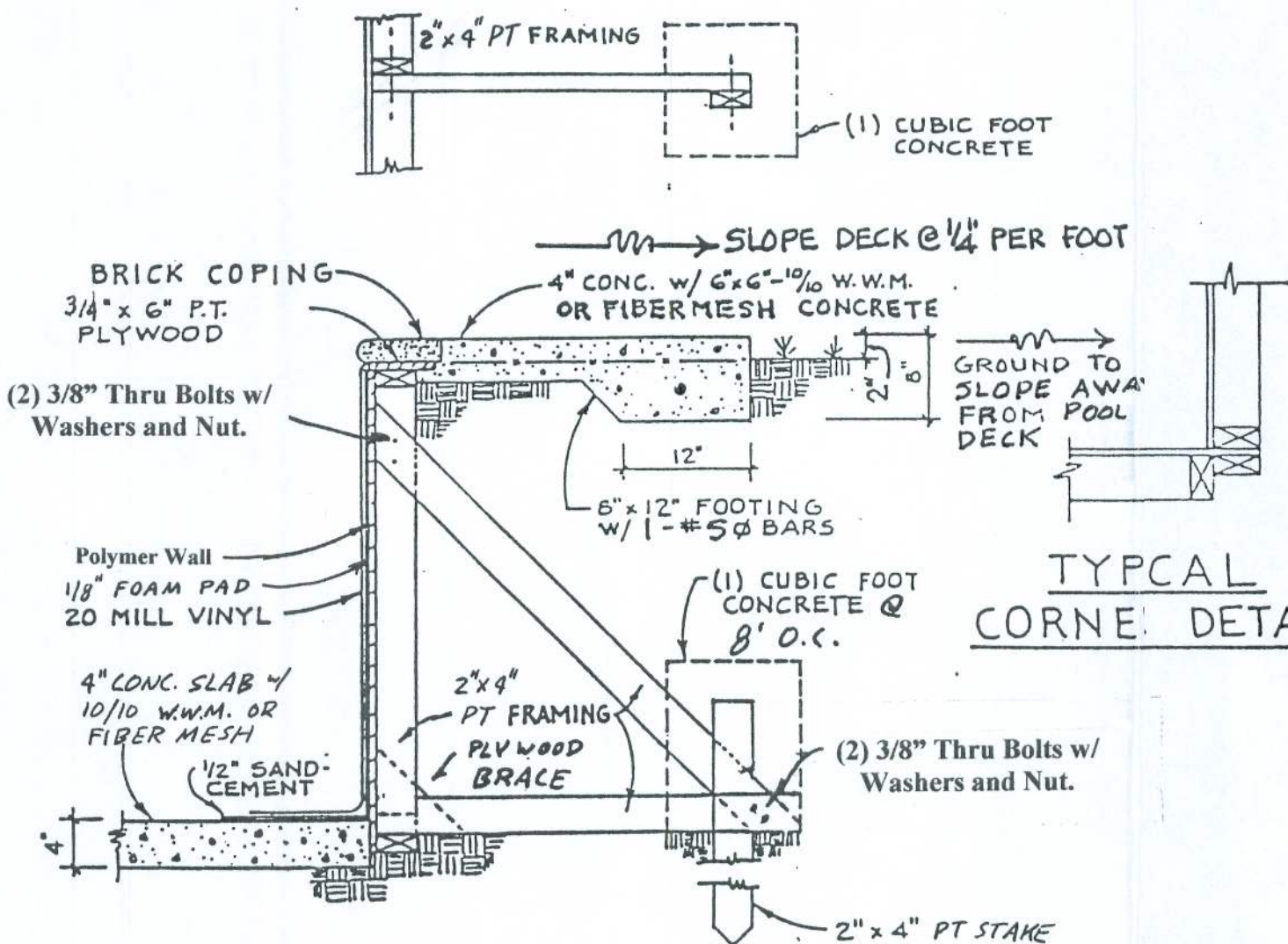


POOL PROFILES



POOL PLAN

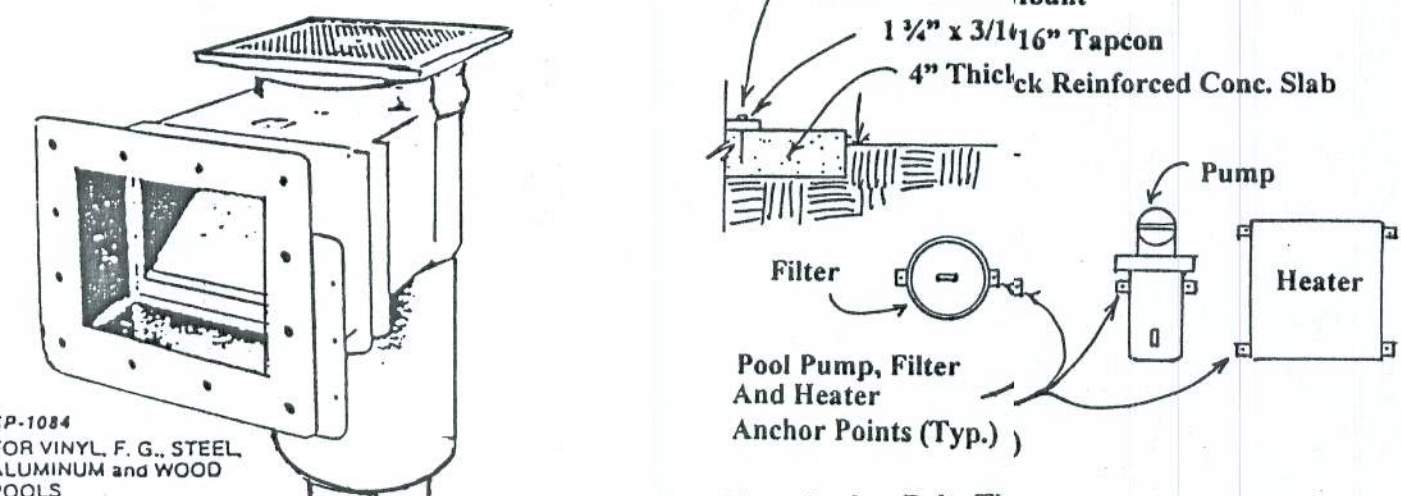
Type "O" Pool



TYPICAL WALL SECTION

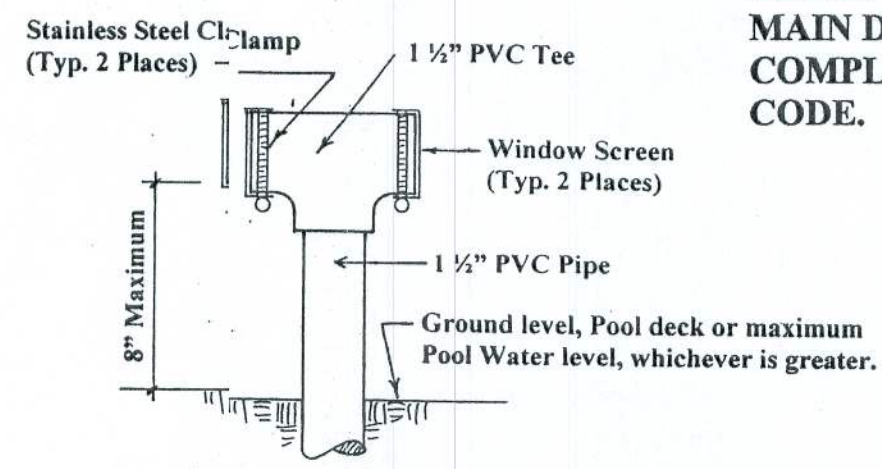
w/ SUPPORT DETAIL

Pool plan is designed to meet Florida Building Code 2001. Minimum soil bearing capacity under pool is 550 P.S.F.



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

Pool Equipment Anchoring

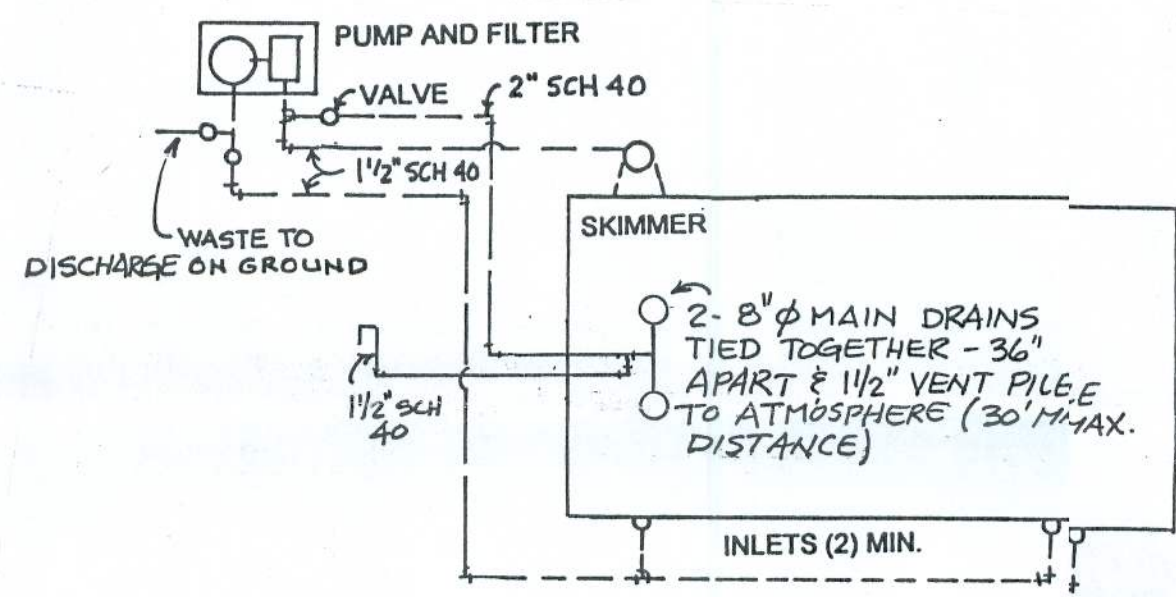


The 1 1/2" atmospheric vent tee shall be located not less than 8 inches, measured from the bottom of the straight leg of the 1 1/2" tee, above the ground level, pool deck, or maximum pool water level, whichever provides the greatest elevation.

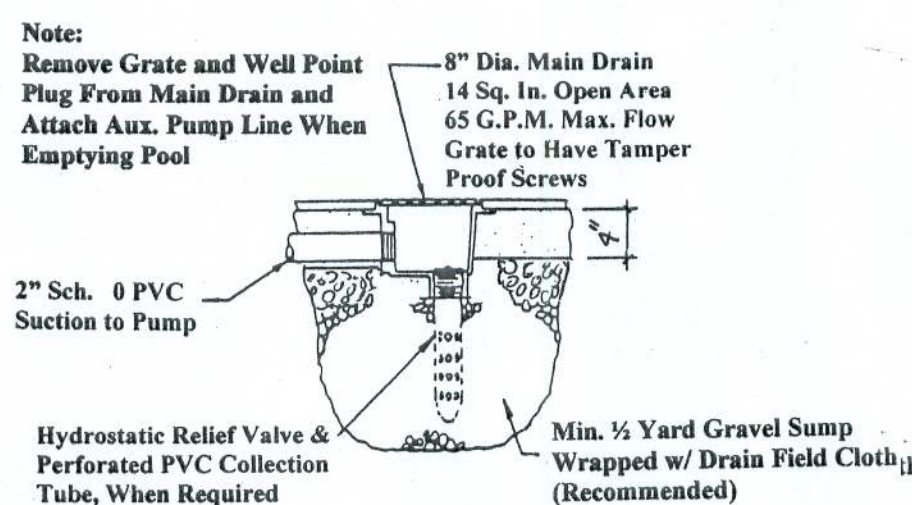
Atmospheric Vent Detail

MODEL NO.	PIPE SIZE	DESCRIPTION
SP-1084	2"	Same as SP-1082, but with 8 1/2" throat, ABS face rim (vent), gaskets, screws, plus drilled mounting flange for wood pools.
SP-1084-1	1 1/2"	
SP-1084-1R	1 1/2"	Same as SP-1084-1, but with 9 1/4" diameter ROUND cover (not illus.).

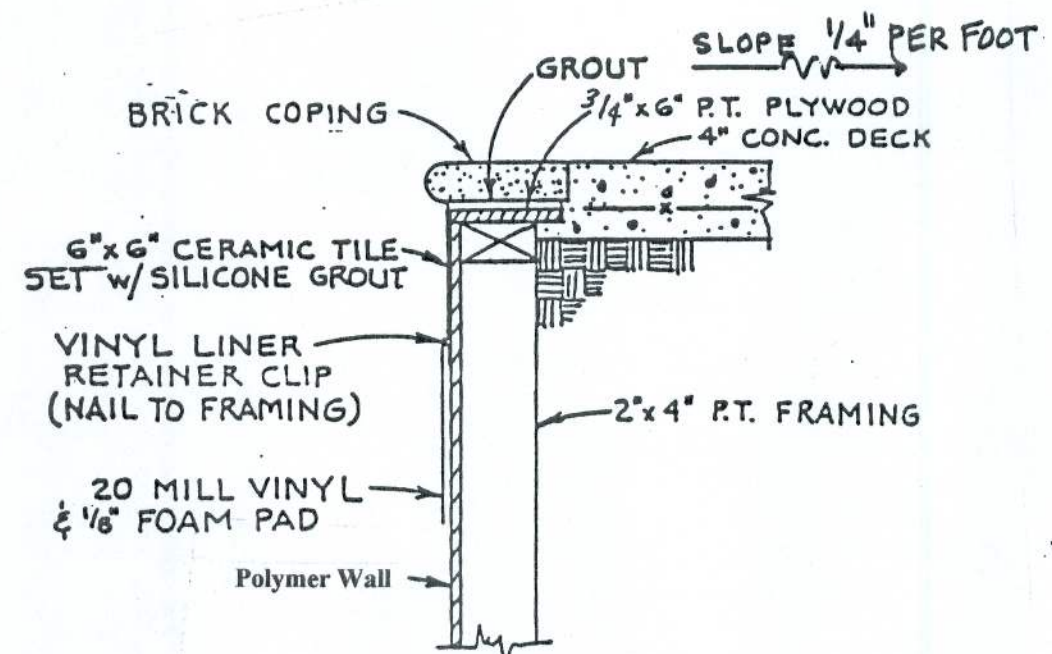
1. SKIMMER TO BE NSF APPROVED
2. SKIMMER TO HAVE A MIN. FLOW RATE OF 20 GPM
3. 1" SKIMMER REQD FOR EACH 200 S.F. OR FRACTION THEREOF OF WATER SURFACE AREA.



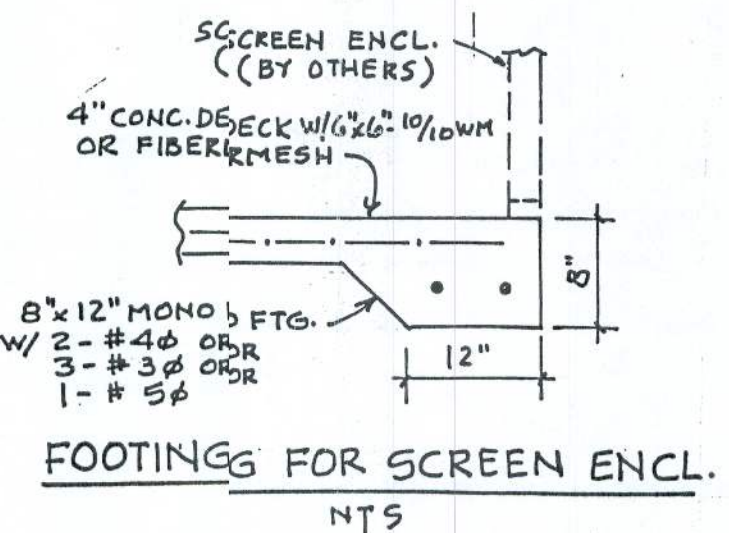
PLUMBING DIAGRAM - SCHEMATIC ONLY
Main Drain Locations
ALL MAIN DRAINS ARE TO BE LOCATED AT THE DEEPEST POINT OF POOL.



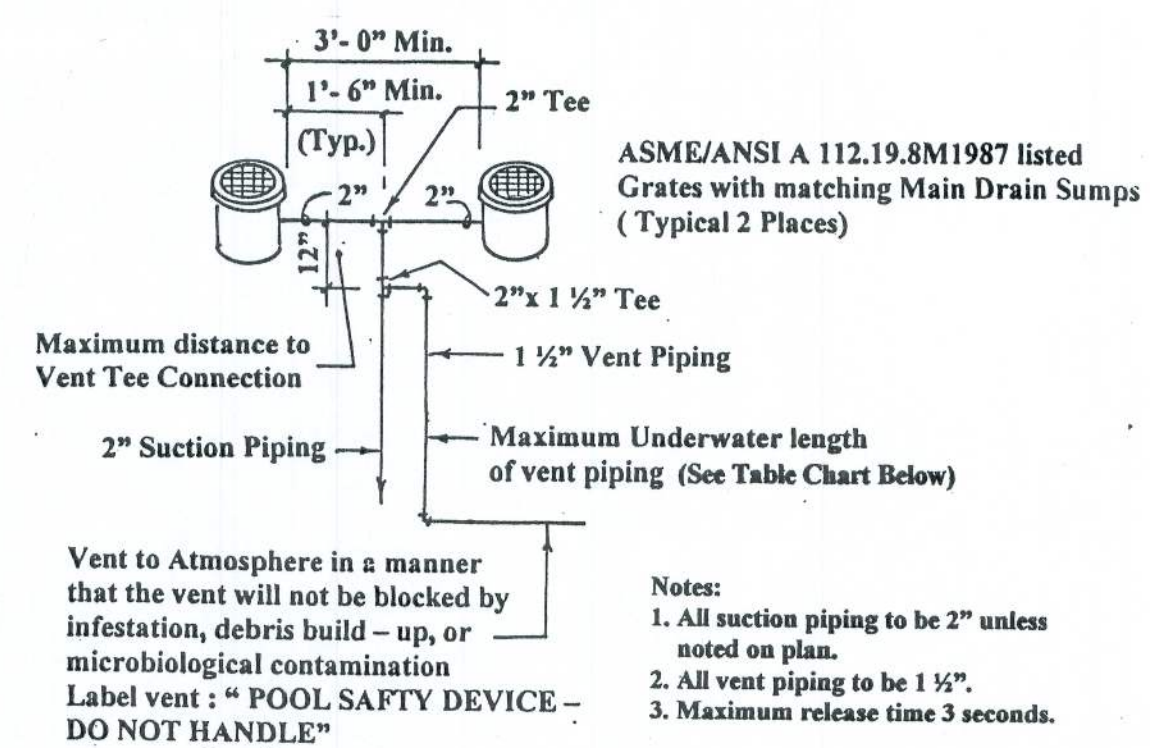
Main Drain Detail



ALTERNATE DETAIL USING CERAMIC TILE

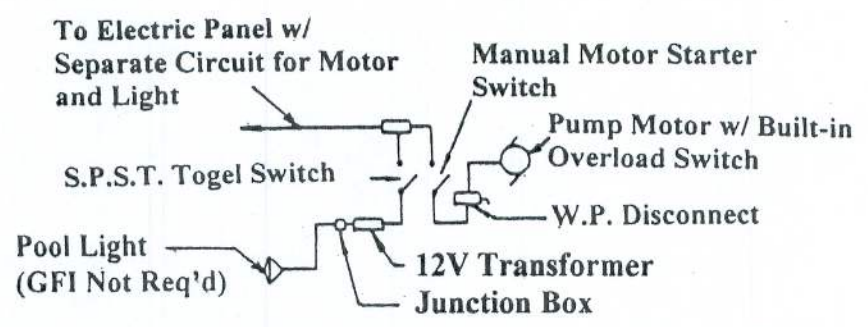


NTS

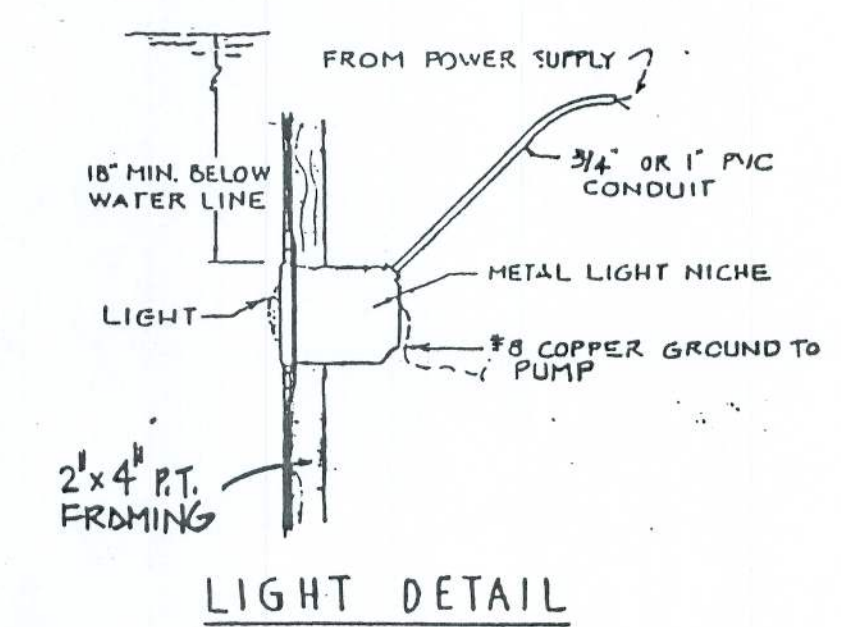


APPROVED SWIMMING POOL, SPA, AND WADING POOL DUAL MAIN DRAIN ATMOSPHERE VENT ARRANGEMENT FOR COMPLIANCE WITH 424.2.6.6 OF THE FLORIDA BUILDING CODE.

Pump Size	Underwater Length
1/2 HP	12 Ft. Max.
3/4 HP	19 Ft. Max.
1 HP	24 Ft. Max.
1 1/2 HP	31 Ft. Max.
2 HP	41 Ft. Max.



Electrical Diagram



LIGHT DETAIL

GENERAL NOTES:

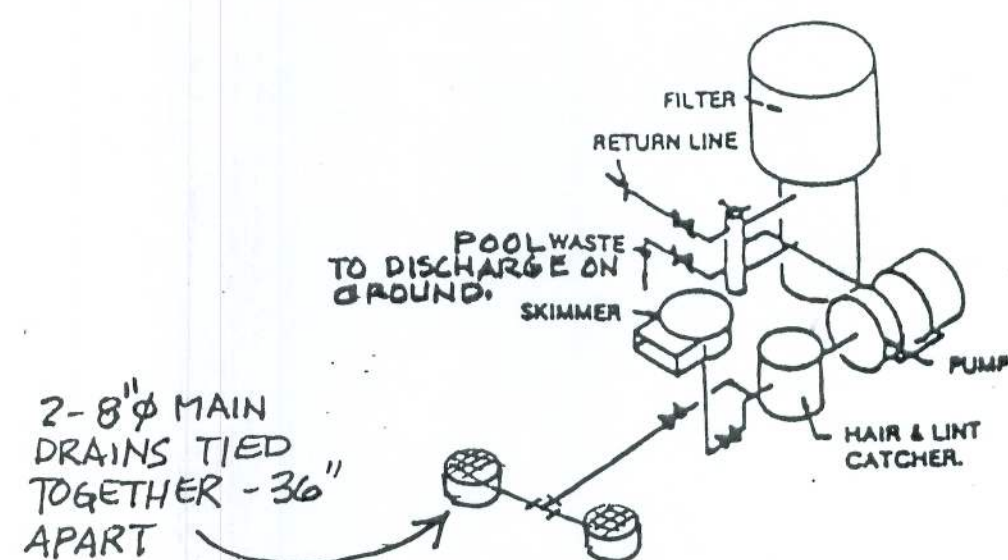
1. ALL LIGHTS, LADDERS, HANDRAILS, ETC TO BE GROUNDED PER CODE.
2. ALL BACKFILL TO BE CLEAN SAND COMPACTED TO 95% MAX. DRY DENSITY IN 12" LIFTS.
3. ALL POOLS TO BE TYPE "O" NO DIVING.
4. ALL WOOD IMPREGNATED TO DENSITY 0.40 (LP 22) WITH CHROMATED COPPER ARSENATE.
5. ALL CONCRETE TO HAVE MIN. COMPRESSIVE STRENGTH OF 2500 PSI (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 12" 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/NSF-5, 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 BUILDING CODE, SECTION 424.2, AND LOCAL AMENDMENTS, IF ANY.

PLUMBING NOTES:

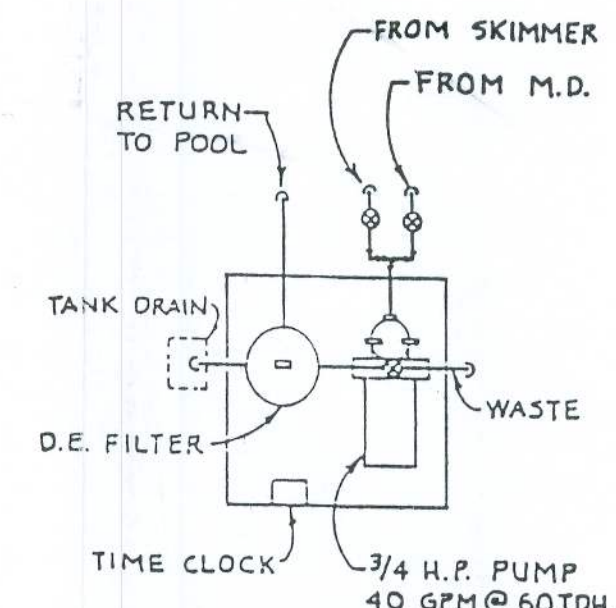
1. ALL PIPING, EQUIPMENT AND MATERIALS USED IN THE PLUMBING SYSTEM OF SWIMMING POOLS THAT ARE BUILT IN PLACE SHALL CONFORM TO THE FLORIDA BUILDING CODE, PLUMBING AND SECTION 424.2 - PRIVATE SWIMMING POOLS.
2. POOL PIPING SHALL BE DESIGNED SO THE WATER VELOCITY WILL NOT EXCEED 10 FEET PER SECOND.
3. VALVES 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.

NOTE: ONE OF THE FOLLOWING POOL SAFETY FEATURE OPTIONS MUST BE PROVIDED:

1. THE POOL MUST BE ISOLATED FROM ACCESS TO A HOME BY AN ENCLOSURE THAT MEETS THE POOL BARRIER REQUIREMENTS OF 424.2.17 OF THE FLORIDA BUILDING CODE.
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 OR:
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.



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 6
PALM BEACH GARDENS, FL 33418
PH. 561-630-8534 FAX 561-630-4570

EB - 5725

Family Pool, Spa & Billiards

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