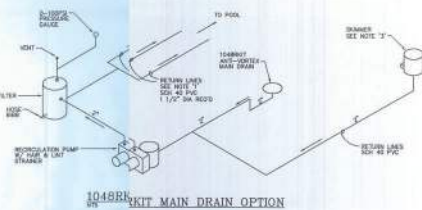


[illegible]

Quantity	Part	Manufacturer
1	Idle-Return 1 1/2" White Synthetic Model SP-1532	Raymond MFG. Co. or Equiv.
1	Idle-Loading Flow White Synthetic "Hydra-Stream" with 1 1/2" Inlet Model SP-1450-C	Raymond MFG. Co. or Equiv.
1	Main Drain Air-Valve Model SP-1040-AV or 1030-AV	Raymond MFG. Co. or Equiv.
1	Hydraulic Relief Valve Model SP-1006	Raymond MFG. Co. or Equiv.
1	Manual Valve SP-1076	Raymond MFG. Co. or Equiv.
1	Roller Light Assembly PNC 39007 with 1" Conduit connector	Raymond MFG. Co. or Equiv.
1	Light Assembly 100 watt, 12 volt with Power Cord	American Products of Spain.

Barrel hardness of 35 mil gal coat	40 - 50
Gloss content by weight	27%
Tensile strength, PSI at 77 F	98,900
Elastic elongation	1 - 2%
Flexural strength, PSI at 77 F	33,000
Flexural modulus, PSI at 77 F	37,000
Load impact FT-LBS/inch of notch	5.9
Compressive strength, PSI	28,000
Typical thickness inches	3/16"

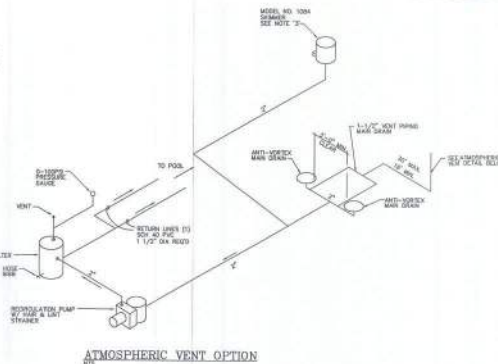


NOTES:

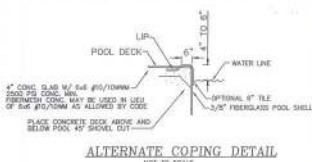
(1) ONE RETURN LINE REQUIRED FOR POOL:
50 FT. OF SURFACE AREA REQUIRES POOLS LESS THAN 450 SQ. FT. OF SURFACE AREA. GREATER THAN 450
SQ. FT. TWO LINES. MINIMUM SEPARATION OF LINES ENTERING POOL SHALL BE 10 FT.

(2) SUMP LINE (WHEN REQ'D) TO BE 2" SOI. 40 PVC FROM 4' CLIENT FOOT GRAVEL BED BENEATH MAIN DRAIN

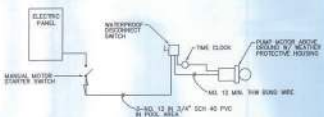
(3) TWO SWIMMERS REQUIRED IF POOL AREA GREATER THAN 450 SQ. FT. OF SURFACE AREA.



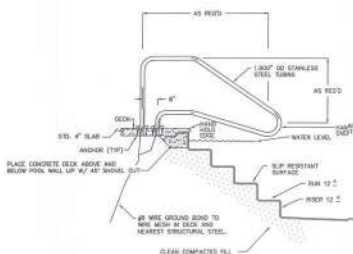
- 1) DUE RETURN LINE REQUIRES FOR PULLS LESS THAN 450' OF SURFACE AREA, GREATER THAN 450' BUT OF SHORT DEPTH, AND OTHER AREAS DEPENDENT OF DATES ENTERING PULL. SHALL BE 10% TO 15% FROM EXHAUST.
- 2) SUM LINE (FROM EXHAUST) TO BE 3" DIA. AND HAVE A GROSS FLOAT GRADE, BE SLOPED IN A DIRECTION TO 1" FROM GRADE.
- 3) DUE TO COMPLETION OF PULL, AREA GREATER THAN 450' OF SURFACE AREA.
- 4) TESTED IN COMPLIANCE WITH FLUORINE BUILDING CODE 424.5.6.5 SECTION ENTIREMENT BY AN INDEPENDENT TEST PROVIDER.
- 5) THE ACTUAL BURN TEMPERATURE AT ANY GIVEN TIME WAS DOCUMENTED AS PER THE SPECIFICATIONS AND SUPERVISION ON DRAWINGS A, 3001.
- 6) THE MAXIMUM WIND VELOCITY SHALL BE 10 MPH OR LESS AND AN ADJUSTMENT ON THE OTHER MAP SHALL EXCEED 4.50' IF NECESSARY. THE PULLS SHALL BE COMPLETED IN LESS THAN 2 SECONDS.
- 7) ALL SECTION PULLS SHALL BE 100' TO 150'.
- 8) ALL VOLT PERMS TO BE 1-1/2" TO 2"
- 9) MAXIMUM SMOKE PIPE VELOCITY TO BE 50' PER FEET FOR SECTIONS.
- 10) WHEN DRAWN LOCATED IN REPEATED PART OF THE PULL.
- 11) PULLS MUST HAVE MAXIMUM DRAWN AREA OF 100' PER FEET FOR SECTIONS ON DIFFERENT PLANS.
- 12) THEY MUST NOT BE EXPOSED AND HAVE SECTIONS AT THE SAME TIME.
- 13) 20' PER FEET MAXIMUM PULL FLOWS.



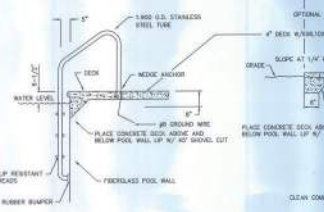
ALTERNATE COPING DETAIL



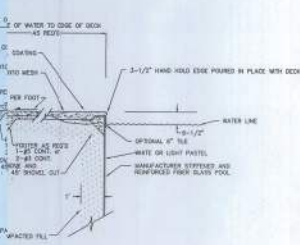
ELECTRICAL DIAGRAM



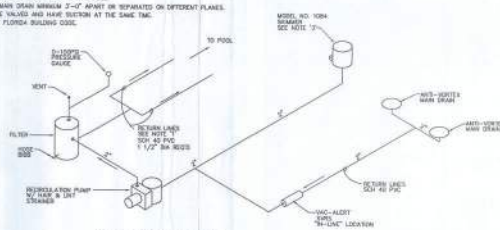
STEP HANDRAIL SECTION



LADDER SECTION



WALL SECTION



VAC-ALERT OPTION

NOTES

- (1) ONE RETURN LINE REQUIRED FOR POOLS LESS THAN 450 SQ. FT. OF SURFACE AREA. GREATER THAN 450 SQ. FT. OF SURFACE AREA REQUIRES TWO LINES. MINIMUM SEPARATION OF LINES ENTERING POOL SHALL BE 10 FT.
- (2) SLIP LINE (WHEN REQ'D) TO BE 2 SOL. 45 PVC FROM 4 CLARK FOOT GRAVEL BED BENEATH MAIN DRAIN TO 18" FROM EQUIPMENT.
- (3) TWO SHAKES REQUIRED IF POOL AREA GREATER THAN 450 SQ. FT. OF SURFACE AREA.

MICHAEL A. ROBINSON, P.E.
(JULY)
STRUCTURAL ENGINEERING
INDUSTRIAL, COMMERCIAL, & RESIDENTIAL

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E-MAIL ADDRESS: eashy@aol.com

REV	DESCRIPTION	DATE	APPROVED
<i>AECC/SAN JUAN POOLS</i>			
BY: AMERICAN ENVIRONMENTAL CONTAINER CORP 2302 LAGO LANE LONGVIEW, ALABAMA 38070 (904) 888-3030			
Date	Revised By	Job No.	
12-22-88	MAH		
Phone	SPECIFICATIONS/DETAILS		Sheet