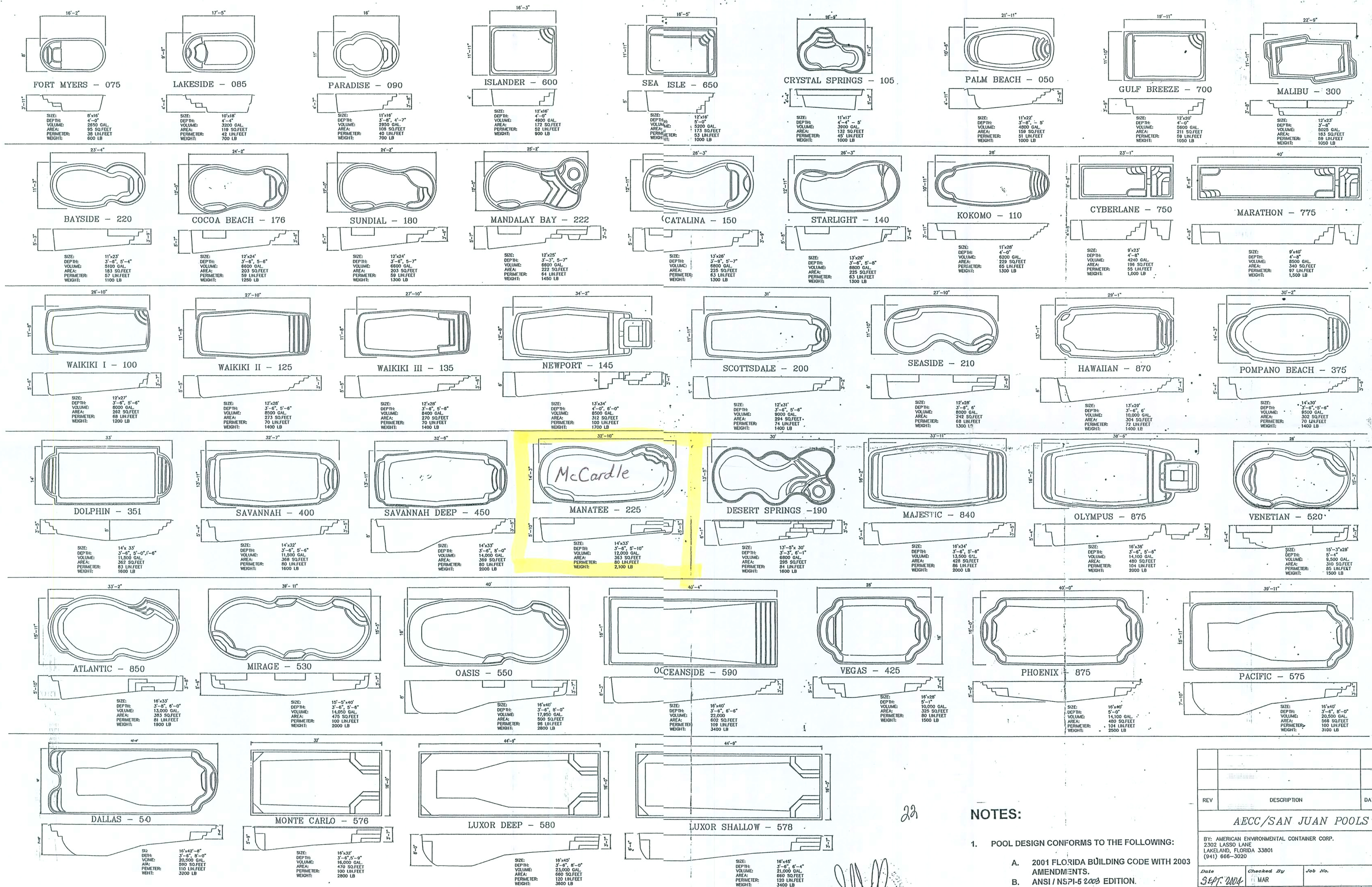





OCT 19 2004

NOTES:

1. POOL DESIGN CONFORMS TO THE FOLLOWING:
 - A. 2001 FLORIDA BUILDING CODE WITH 2003 AMENDMENTS.
 - B. ANSI / NSPI-5 ~~2003~~ EDITION.
2. I.C.B.O. REPORT NO. ER2417.

REV	DESCRIPTION	DATE	APRV
<i>AEEC/SAN JUAN POOLS</i> BY: AMERICAN ENVIRONMENTAL CONTAINER CORP. 2302 LASSO LANE LAKELAND, FLORIDA 33801 (941) 666-3020			
Date <i>SEP. 2004</i>	Checked By <i>JD MAR</i>	Job No.	
Title RESIDENTIAL POOLS		Sheet 1 of 2	

1) - Pool installation shc be by a qualified and licensed (approved by local building department and San Juan pools) pool contractor. The installation shall conform to all state and local building codes, as well as tenants of sy association with Jurisdiction.

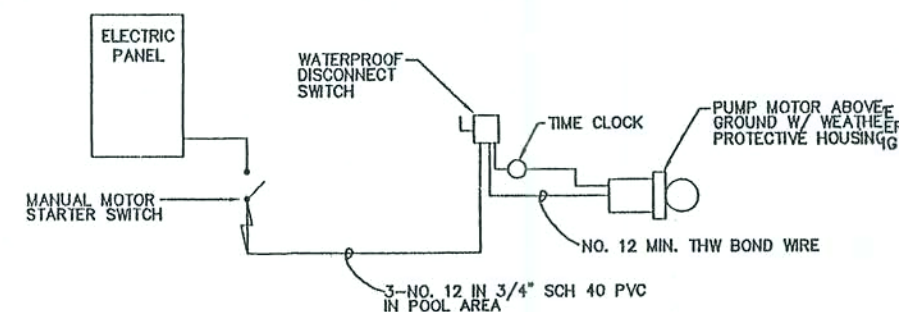
-
- 4" CONC. SLAB W/ 6x6 #1/10WWM
2500 PSI CONC. MIN.
FIBERMESH CONC. MAY BE REJSD IN LIEU
OF 6x6 #10/10WWM AS ALLNED BY CODE
- LIP
- POL. DECK
- 6"
- 4"
- TO 6"
- WATER LINE
- OPTIONAL 6" TILE
- 3/8" FIBERGLASS POOL SHELL
- PLACE CONCRETE DEK ABOVE AND
BELOW POOL 45° SHVEL CUT
- ALTERNATE COPING DETAIL**
- NOT TO SCALE

Quantity	Item
•	Inlet-Return 1 1/2" white cycloc Model SP-1032
•	Inlet-Directional Flow white cycloc "Hydra-stream" with 1/2" hole, Model SP-1419-C

- * Quantities Specified at Construction

Typical properties of a REINFORCED FIBERGLASS pool:

Barcol hardness of 30 mil gel coat	40 - 50
Glass content by weight	27%
Tensile strength, PSI at 77 F	19,500
Tensile elongation	1 - 2%
Flexural strength, PSI at 77 F	23,800 - 27,600
Flexural modulus, PSI x 10 at 77 F	0.72 - 0.77
Izod impact FT-LBS/inch of notch	5.9
Compressive strength, PSI	25,000 to 38,000
Typical thickness inches	3/8"

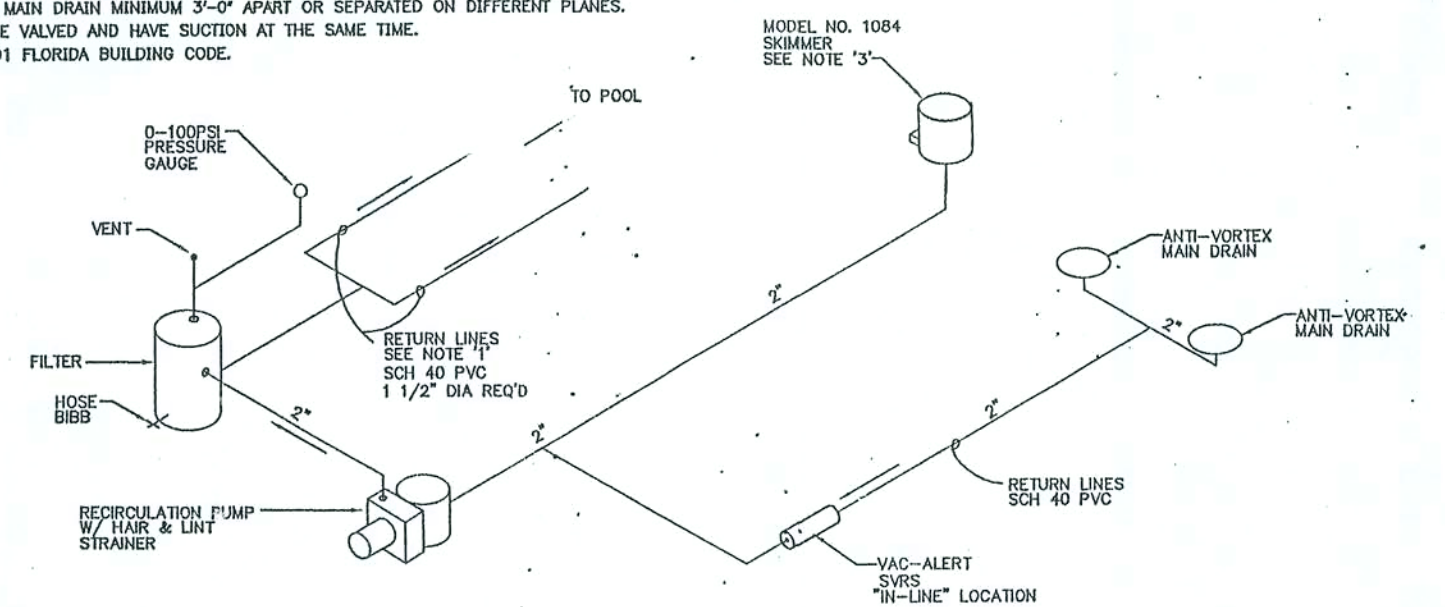
[illegible]

- (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) SUMP LINE (WHEN REQ'D) TO BE: 2 SCH. 40 PVC FROM 4 CUBIC FOOT GRAVEL BED BENEATH MAIN DRAIN TO 18" FROM EQUIPMENT.
- (3) TWO SKIMMERS REQUIRED IF POOL AREA GREATER THAN 450 SQ.FT. OF SURFACE AREA.



- 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) SUMP LINE (WHEN REQ'D) TO BE 2" SCH. 40 PVC FROM 4 CUBIC FOOT GRAVEL BED BENEATH MAIN DRAIN TO 18" FROM EQUIPMENT.
- (3) TWO SKIMMERS REQUIRED IF POOL AREA GREATER THAN 450 SQ.FT. OF SURFACE AREA.
- (4) TESTED IN COMPLIANCE WITH FLORIDA BUILDING CODE 424.2.8.6 SUCTION ENTRAPMENT ATMOSPHERIC VENT TEST PROTOCOL.
- (5) THE ACTUAL SUCTION ENTRAPMENT ATMOSPHERIC VENT TESTING WAS ACCOMPLISHED UNDER MY DIRECTION AND SUPERVISION ON DECEMBER 8, 2001.
- (6) THE MAXIMUM VACUUM WITH ONE SUMP PLUGGED AND A BODY ENTRAPMENT ON THE OTHER SUMP NEVER EXCEED 4.5" OF MERCURY. THE ENTRAPMENT RELEASED IN LESS THAN 3 SECONDS.
- (7) ALL SUCTION PIPING TO BE 2"
- (8) ALL VENT PIPING TO BE 1-1/2"
- (9) MAXIMUM SUCTION PIPE VELOCITY TO BE 8 FEET PER SECOND.
- (10) MAIN DRAIN LOCATED IN DEEPEST PART OF THE POOL.
- (11) POOL MUST HAVE MAIN DRAIN MINIMUM 3'-0" APART OR SEPARATED ON DIFFERENT PLANES.
THEY MUST NOT BE VALVED AND HAVE SUCTION AT THE SAME TIME.
- (12) FITTINGS PER 2001 FLORIDA BUILDING CODE.



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) SUMP LINE (WHEN REQ'D) TO BE 2 SCH. 40 PVC FROM 4 CUBIC FOOT GRAVEL BED BENEATH MAIN DRAIN- TO 18" FROM EQUIPMENT.
- (3) TWO SKIMMERS REQUIRED IF POOL AREA GREATER THAN 450 SQ.FT. OF SURFACE AREA.
- (4) DESIGN CONFORMS WITH FLORIDA 2001 STANDARD BUILDING CODE AND NATIONAL SPA & POOL INSTITUTE.

1. POOL DESIGN CONFORMS TO THE FOLLOWING:
 - A. 2001 FLORIDA BUILDING CODE WITH 2003 AMENDMENTS.
 - B. ANSI / NSPI-5 2003 EDITION.
2. I.C.B.O. REPORT NO. ER2417.

REV	DESCRIPTION	DATE	APRV
<i>AECC/SAN JUAN POOLS</i>			
BY: AMERICAN ENVIRONMENTAL CONTAINER CORP. 2302 LASSO LANE LAKELAND, FLORIDA 33801 (941) 686-3020			
Date	Checked By	Job No.	
SEPT. 2004	MAR		
Title	SPECIFICATIONS/DETAILS		Sheet 2 of 2