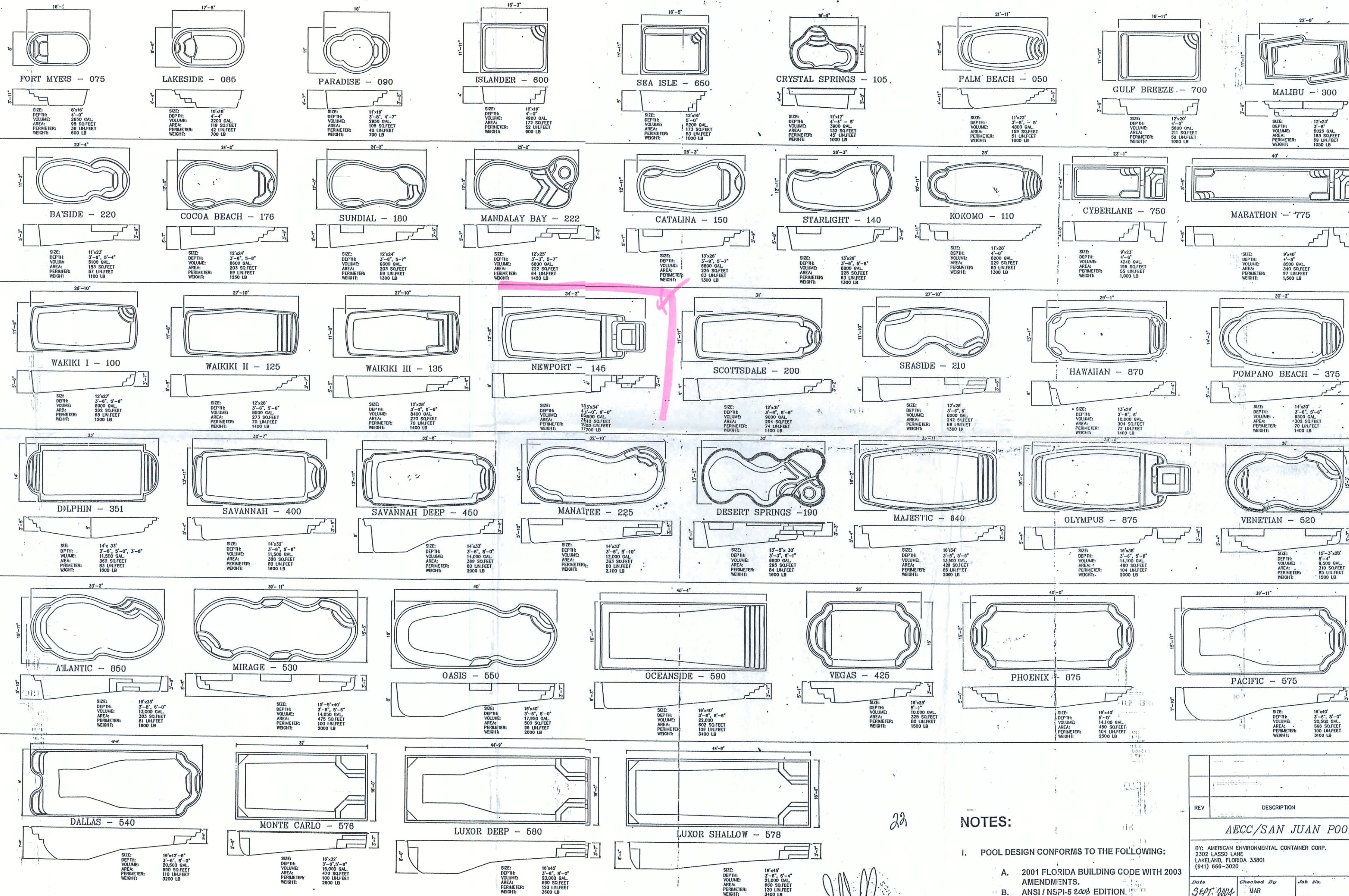


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#### NOTES:

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

| REV                                                                                     | DESCRIPTION | DATE    | APRV   |
|-----------------------------------------------------------------------------------------|-------------|---------|--------|
|                                                                                         |             |         |        |
| AEC/SAN JUAN POOLS                                                                      |             |         |        |
| BY: AMERICAN ENVIRONMENTAL CONTAINER CORP.<br>LAKELAND, FLORIDA 33801<br>(941) 666-3020 |             |         |        |
| Date                                                                                    | Checked By  | Job No. | Sheet  |
| 3/4/04                                                                                  |             |         | 1 of 2 |
| RESIDENTIAL POOLS                                                                       |             |         |        |

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- 
- 4" CONC. SLAB W/ 6x6 #10/10WMM  
2500 PSI CONC. MIN.  
FIBERESH CONC. MAY BE USED IN LIEU  
OF 6x6 #10/10M AS ALLOWED BY CODE
- LIP  
POOL DECK  
6"  
WATER LINE  
OPTIONAL 6" TILE  
3/8" FIBERGL/SS POOL SHIELD

\* Quantities Specified at Construction

|                                    |                  |
|------------------------------------|------------------|
| Barcol hardness of 30 mil gel coat | 40 - 50          |
| Glass content by weight            | 27%              |
| Tensile strength, PSI at 77 F      | 16,500           |
| Tensile elongation                 | 1 - 2%           |
| Flexural strength, PSI at 77 F     | 23,800 - 27,800  |
| 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"             |



- (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.



- (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 ENTRIES POOL SHALL BE 10 FT.
- (2) SUMP LINE (WHEN REQUIRED) TO BE 2" SCH. 40 P.V.C. FROM 4 CUBIC FOOT GRAVEL BED BENEATH MAIN DRAIN OF DRAIN
- (3) TWO SKIMMERS REQUIRED IF POOL AREA GREATER THAN 450 SQ.FT. OF SURFACE AREA.
- (4) TESTED IN COMPLIANCE WITH FLORIDA BUILDING CODE 424.2.6.8 SUCTION ENTRAPMENT ATMOSPHERIC VENT TEST PROTOCOL.
- (5) THE ACTUAL SUCTION ENTRAPMENT ATMOSPHERIC VENT TESTING WAS CONDUCTED UNDER MY DIRECTION ON SURFCESSION DECEMBER 8, 2001.
- (6) THE MAXIMUM VACUUM WITH ONE SUMP PLUGGED AND A BODY ENTRAPPED ON THE OTHER SUMP NEVER EXCEEDED 4.8" OF MERCURY. THE ENTRAPMENT RELEASED IN LESS THAN 3 SECONDS.
- (7) SUCTION PIPING TO BE 1/2"
- (8) ALL VENT PIPING TO BE 1-1/2"
- (9) MAXIMUM SUCTION PIPE VELOCITY TO BE 6 FEET PER SECOND.
- (10) MAIN DRAIN LOCATED IN DEEPEST PART OF THE POOL.
- (11) POOL MUST HAVE MAIN DRAIN MINIMUM 3'-6" APART OR SEPARATED ON DIFFERENT PLANES.
- (12) FITTINGS PER 2001 FLORIDA BUILDING CODE.



- (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 1" ID 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.

A. 2001 FLORIDA BUILDING CODE WITH 2003 AMENDMENTS.

B. ANSI / NSPI-5 2003 EDITION.

|                                                                                                         |             |         |        |
|---------------------------------------------------------------------------------------------------------|-------------|---------|--------|
|                                                                                                         |             |         |        |
| REV                                                                                                     | DESCRIPTION | DATE    | APPROV |
| AEC/SAN JUAN POOLS                                                                                      |             |         |        |
| BY: AMERICAN INDUSTRIAL CONTAINER CORP.<br>2302 LASSO LANE<br>WAKELAND, FLORIDA 33301<br>(414) 666-3020 |             |         |        |
| Date                                                                                                    | Checked By  | Job No. | Sheet  |
| SEPT, 2004                                                                                              | MMR         |         |        |
| SPECIFICATIONS/DETAILS                                                                                  |             |         | 2 of 2 |