

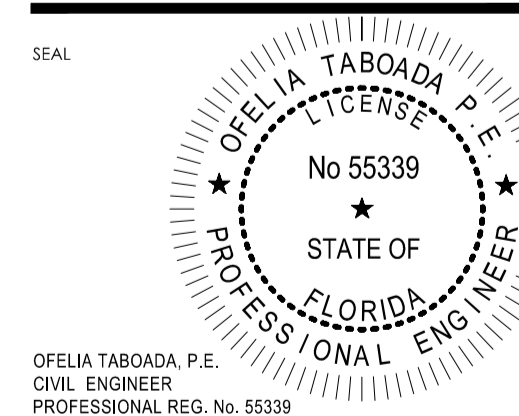


**ALLEGUEZ ARCHITECTURE, INC.**  
 7294 SW 48TH STREET  
 MIAMI, FLORIDA 33155  
 tel: 305.461.4001 fax: 305.461.6002  
 www.alleguezarchitecture.com  
 A A C 0 0 2 7 4 6

CONSULTANTS:  
**ARCHITECT:**  
**CARTY ARCHITECTURE**  
 2055 S LE JEUNE ROAD, SUITE 400  
 CORAL GABLES, FLORIDA 33134  
 TEL: (786) 717-7100  
**LANDSCAPE ARCHITECTS:**  
**LAURA LLERENA AND ASSOCIATES, INC.**  
 13170 SW 128TH STREET, SUITE 207  
 MIAMI, FLORIDA 33186  
 TEL: (305) 256-1199 FAX: (305) 256-1155  
**CIVIL ENGINEER:**  
**SRS ENGINEERING**  
 5001 SW 74TH COURT, SUITE 201  
 MIAMI, FL 33155  
 TEL: (305) 662-8887 FAX: (305) 662-8858  
**STRUCTURAL ENGINEER:**  
**BLISS & NYTRAY**  
 5835 BLUE LAGOON DRIVE, SUITE 400  
 MIAMI, FLORIDA 33126  
 TEL: (305) 442-7086 FAX: (866) 832-5291  
**MEP ENGINEER:**  
**FRAGA ENGINEERS**  
 135 SAN LORENZO AVENUE  
 CORAL GABLES, FLORIDA 33146  
 TEL: (305) 444-8210  
**AQUATIC ENGINEER:**  
**AQUADYNAMICS DESIGN GROUP, INC.**  
 5000 SW 75TH AVENUE, SUITE 103  
 MIAMI, FLORIDA 33155  
 TEL: (305) 667-8975 FAX: (305) 662-1002

PROJECT:  
**ELIZABETH VIRRICK PARK  
 NEW AQUATIC FACILITY,  
 PROJECT #B-40571**  
 3255 PLAZA STREET  
 MIAMI, FLORIDA, 33133  
 CONTACT: ANDRE BRYAN  
 CITY PROJECT MANAGER  
 OFFICE OF CAPITAL IMPROVEMENTS  
 PHONE: 305-416-1211

DRAWING TITLE:  
**MULTIPURPOSE POOL SECTIONS**



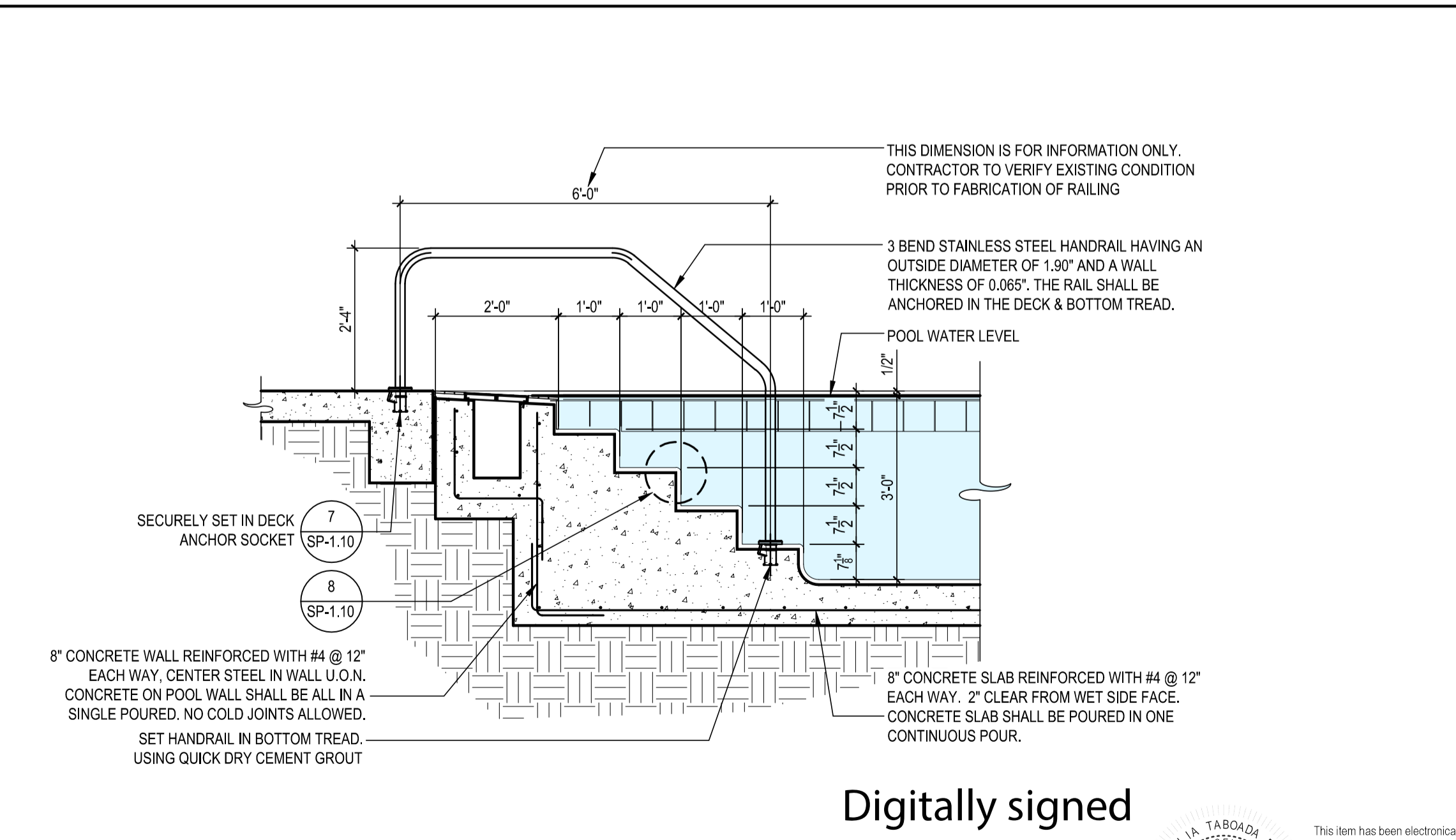
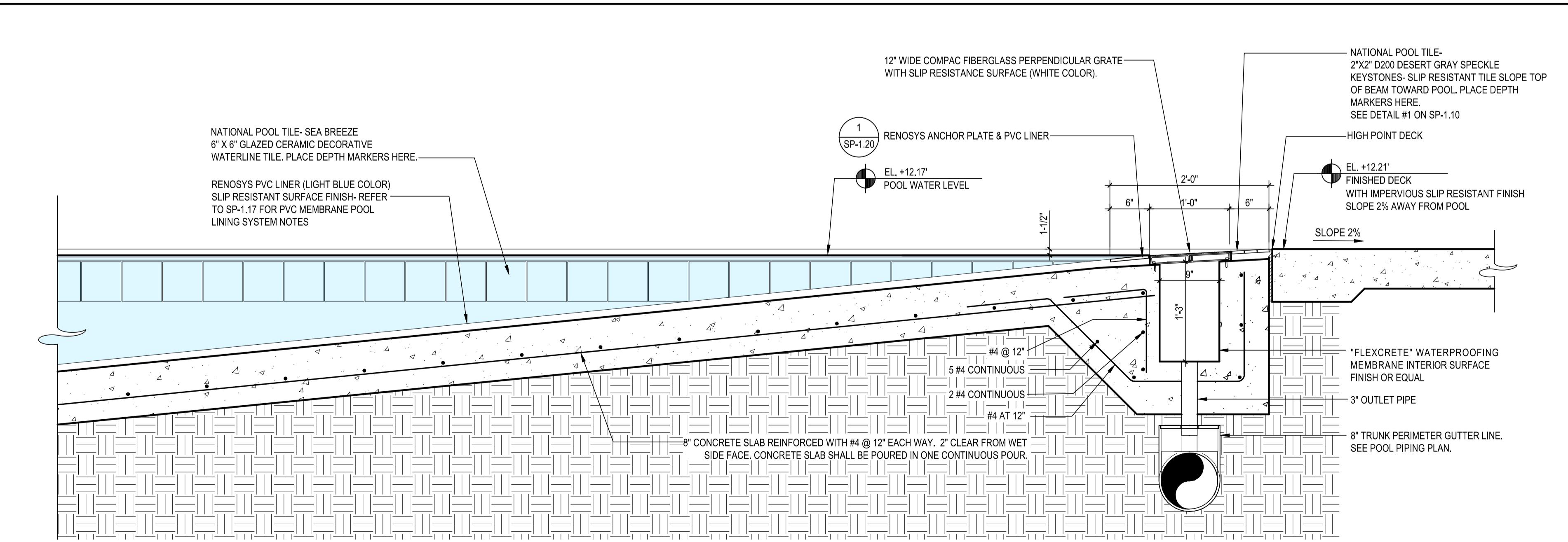
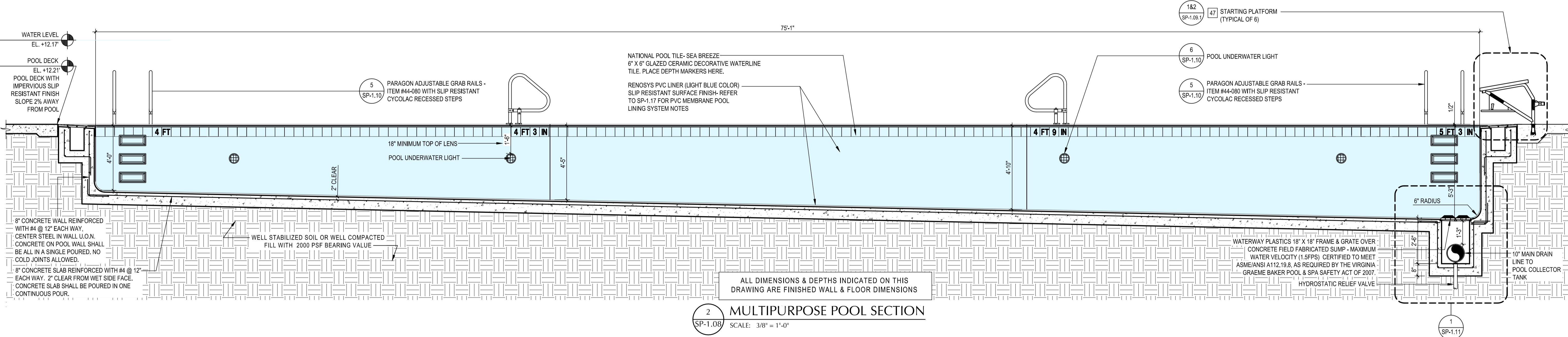
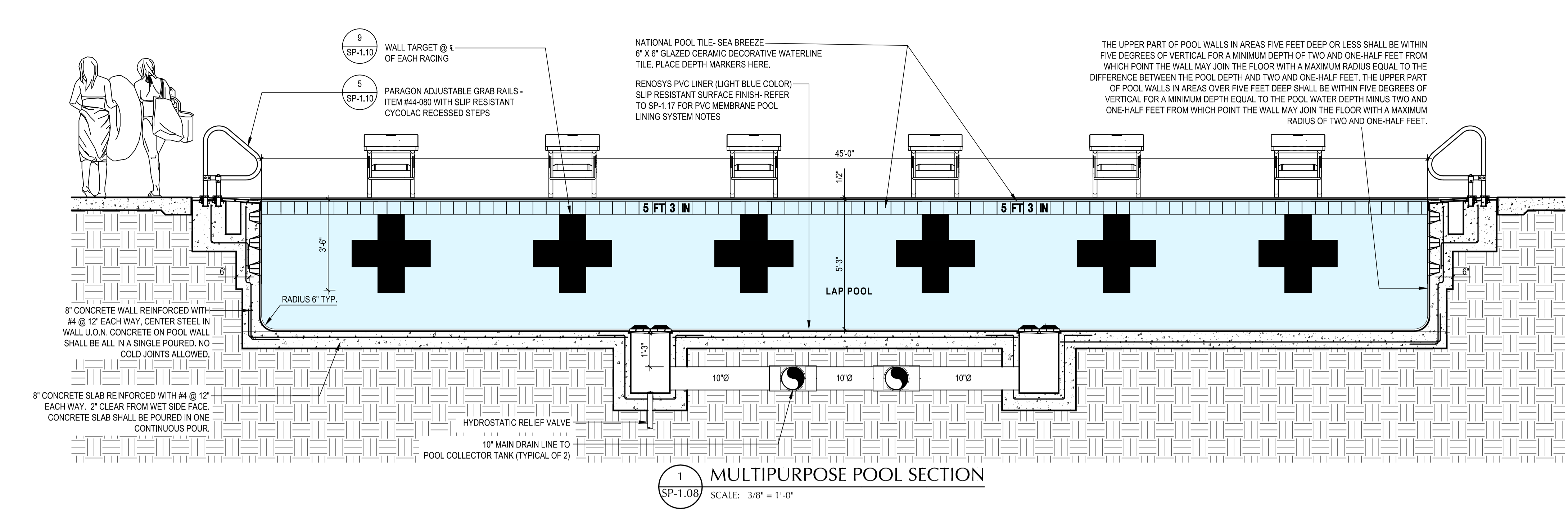
DATE: February 8th, 2019  
 REVISED:  
 CAD DRAWING NAME: SP-1.08  
 SHEET NO. SPH-1.08

**SP-1.08**

- GENERAL REQUIREMENTS:**
- POOL FLOORS AND WALLS SHALL BE WHITE OR LIGHT PASTEL IN COLOR AND SHALL HAVE THE CHARACTERISTIC OF REFLECTING RATHER THAN ABSORBING LIGHT. THE INTERIOR FINISH COATING FLOORS AND WALLS SHALL BE COMPRISED OF A NONPIGMENTED WHITE CEMENTITIOUS BINDER COMPONENT TOGETHER WITH A SAND/AGGREGATE COMPONENT. THE FINISH COATING SHALL HAVE A DRY LIGHTNESS LEVEL (DIE L VALUE) OF 80.0 OR GREATER AND A WET LUMINOUS REFLECTANCE VALUE (DIE Y VALUE) OF 50.0 OR GREATER, AS DETERMINED BY TEST RESULTS PROVIDED BY THE MANUFACTURER, UTILIZING TESTING METHODOLOGY FROM AMERICAN STANDARD ASTM D4086, ASTM E1477, ASTM E1347.
  - INTERIOR POOL FINISH IS IMPERVIOUS AND SLIP RESISTANT.
  - THE MAXIMUM VELOCITY THROUGH THE MAIN DRAIN GRATE DOES NOT EXCEED 1.5 F.P.S.
  - SECURE THE MAIN DRAIN GRATE WITH TAMPERPROOF SCREWS. (THE MAIN DRAIN GRATE IS NOT READILY REMOVABLE.)
  - THE ACTUAL DEPTH AT OPERATING WATER LEVEL SHALL NOT DEVIATE MORE THAN 3 INCHES FROM THE DEPTH SPECIFIED BY THE MARKER WHEN MEASURED 3 FEET FROM THE POOL WALL.

**UPLIFT DATA**

TOP OF POOL WALL ELEVATION	12.21'
BOTTOM SLAB ELEVATION	6.25'
COUNTY FLOOD CRITERIA	6.50'
DEDUCT BOTTOM SLAB ELEVATION	6.25'
POOL UPLIFT FORCE	0.25'
DEDUCT 2.00' ALLOWED FOR USE OF 2" HYDROSTATIC PRESSURE RELIEF VALVE (-2.00')	
RESULTANT UPLIFT FORCE	-1.75'
SLAB THICKNESS REQ'D =	6"



Digitally signed  
 by Ofelia Taboada  
 Date: 2019.02.08  
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