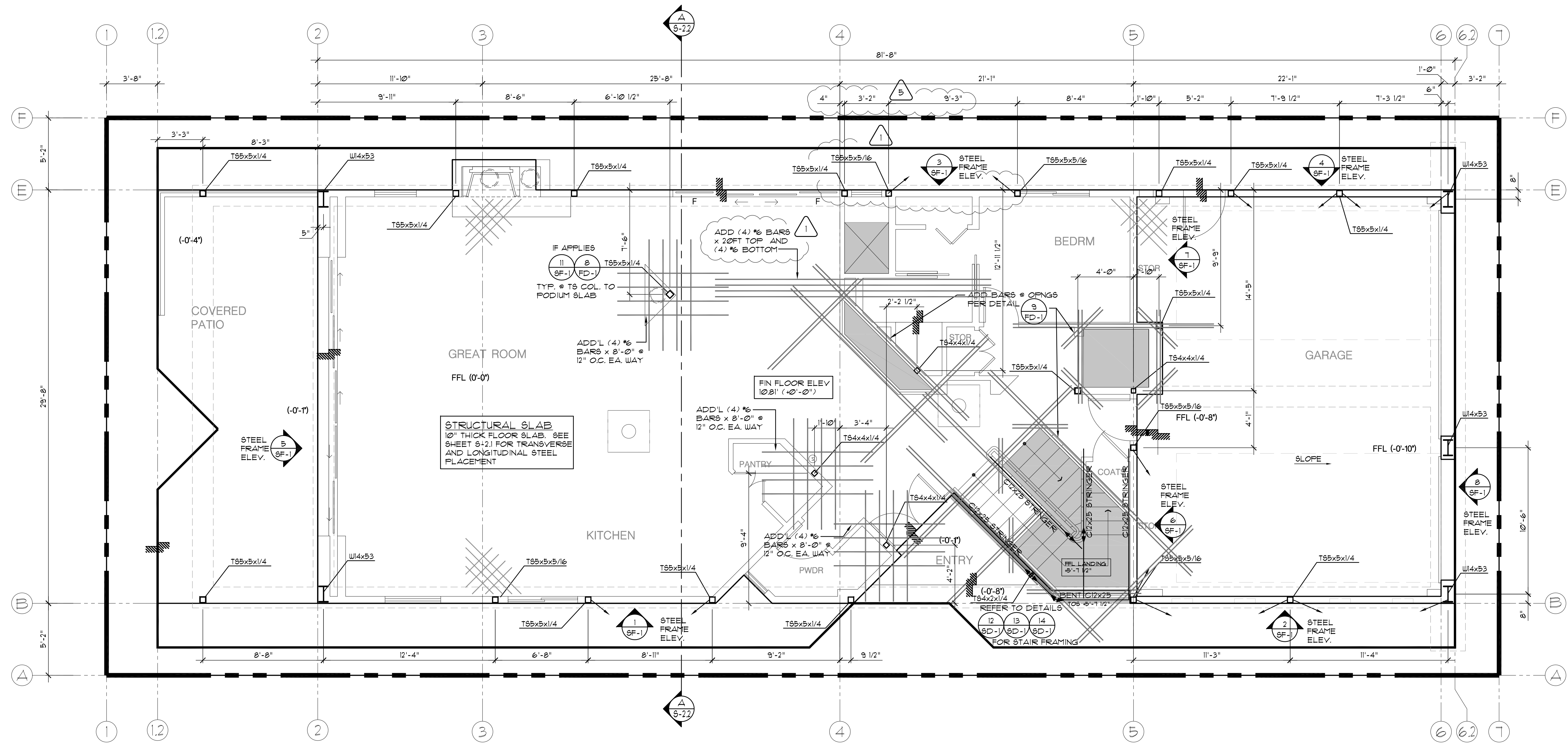


**SECTION AA - STRUCTURAL SLAB PROFILE**  
SCALE: 1/2" = 1'-0"



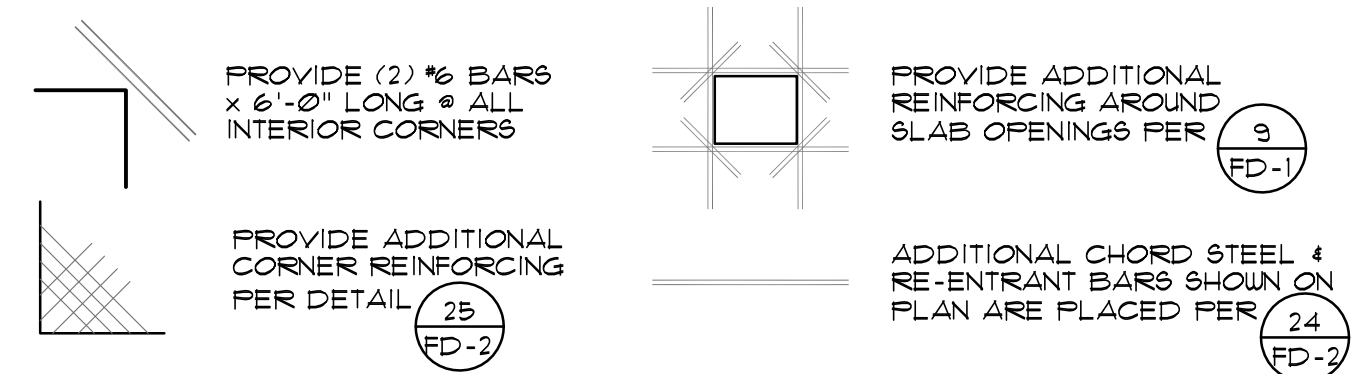
**GROUND FLOOR SLAB SURFACE PLAN**  
SCALE: 1/4" = 1'-0"

**GROUND FLOOR SLAB NOTES:**

- USE 10 INCH THICK CONCRETE STRUCTURAL SLAB WITH REINFORCING EA WAY TOP AND BOTTOM AS SHOWN ON SHEET 9-2.1. WHERE STRUCTURAL SLAB EXTENDS FROM BASEMENT WALLS TO GRADE BEAMS AT TOP CAISSONS, SLAB SHALL BE CAST ON 2" SAND OVER MIN. 15 MIL. POLY-ETHYLENE MOISTURE BARRIER ATOP PREPARED GRADE PER SOILS ENGINEER'S RECOMMENDATIONS.
- REFER TO SOILS REPORT FOR MORE INFORMATION NOT SHOWN.
- CONCRETE STRENGTH SHALL BE FC=4,500 PSI, TYPE V, W/C 0.45 U.O.N.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- ALL STEEL TEMPLATES, BENT BARS, EMBEDS, ETC. MUST BE TIED IN PLACE PRIOR TO FOUNDATION INSPECTION.
- REINFORCING BARS SPECIFIED ON THIS PLAN ARE IN ADDITION TO BARS SPECIFIED ON SHEET 9-2.1.
- GENERAL CONTRACTOR TO PROCEED WITH CONCRETE WORK ON HIS OWN VOLITION WITHOUT FIRST OBTAINING A CONCEPTUAL WRITTEN APPROVAL AT HIS OWN EXPENSE FROM THE PROJECT SOILS ENGINEER FOR FOUNDATION PLAN AND DETAILS. CONTRACTOR SHALL PROVIDE A COPY TO THE PROJECT ARCHITECT AND STRUCTURAL ENGINEER.

**STRUCTURAL STEEL (SEE SGN FOR MORE INFORMATION)**

- STRUCTURAL STEEL PLATES SHALL CONFORM TO ASTM A-36
- WIDE FLANGE BEAMS & COLUMNS SHALL CONFORM TO ASTM GRADE 50 OR A992 (F<sub>y</sub>=50 ksi)
- STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A-53, GRADE "B".
- STRUCTURAL STEEL TUBE SHALL CONFORM TO ASTM A-501, GRADE "B" (F<sub>y</sub>=46 ksi)



**CONSTRUCTION NOTE:**  
THE ENGINEER ASSUMES RESPONSIBILITY FOR CONSTRUCTION BASED UPON THE LATEST DRAWING REVISIONS AND ASSUMES NO RESPONSIBILITY FOR CONTRACT BIDS OR PROJECT CONSTRUCTION MADE FROM DRAWINGS WHICH DO NOT REFLECT BUILDING DEPARTMENT CORRECTIONS AND A CONCURRENT ENGINEERING CHECK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF BOTH OFFICES PRIOR TO STARTING CONSTRUCTION.

REVISIONS	
CITY OF NPB PC 1908-2007 MAY 15, 2008	1
CLIENT REV. S-1, FDI, FDS OCT. 15, 2008	4
FIELD REVISIONS MARCH 12, 2009	5

structural design & consulting  
ASSOCIATES, INC.  
3851 BIRCH ST., SUITE 200  
SAN DIEGO, CA 92106  
619-750-1525 FAX 619-750-0208

Professional Engineer  
Exp. 12-31-2010  
Civil  
State of California  
MARCH 12, 2009

**EMERY RESIDENCE**  
NEWPORT BEACH, CALIFORNIA

Architect: [Redacted]

DRAWN SMB
ENGINEER MMEAD
DATE 03/12/09
SCALE AS NOTED
JOB NO. 2006-636

SHEET  
**S-2.2**

THESE DRAWINGS ARE THE PROPERTY OF COICOR ASSOCIATES AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.