

1. **Design Criteria:**

- a. **Preconstruction Meeting:** Prior to the start of concrete work, a pre-construction meeting shall be held at which representatives of the Owner, Architect, Structural Engineer and Testing Agency and key personnel of the Contractor and Subcontractor, including Polishing or Finishing Subcontractor, shall be present.
 - i. Discussions at the meeting shall form the basis for the performance and inspection of concrete work.
- b. Interior concrete floors that remain exposed to view should be reviewed with Custodial Services to determine acceptable sealing or protective finishes.
- c. All Exterior concrete shall be 5000 PSI except Curbing which shall be 4000 PSI.
- d. The design consultant or project engineer shall provide information for the consultant-prepared and code-required statement of special inspections related to cast in place concrete.

2. **References**

- a. "Building Code Requirements for Structural Concrete" (ACI 318-11), American Concrete Institute.
- b. "Specifications for Structural Concrete for Buildings" (ACI 308-11), American Concrete Institute.
- c. "Detailing Manual" (ACI SP-66), 2004, American Concrete Institute.
- d. "Manual of Standard Practice" (10MSP 27th Edition), Concrete Reinforcing Steel Institute (CRSI).
- e. "Structural Welding Code - Reinforcing Steel" (AWS D1.1-2010), American Welding Society.
- f. "Manual of Concrete Practice 2008", Volumes 1 through 5, American Concrete Institute for ACI Standards and Recommended Practices referred to in this Section.
- g. American Society for Testing and Materials (ASTM) Standards referenced in this Section.

3. **Required Submittals:**

- a. Samples for pigmented concrete.
- b. Any other submittals required by the consultant-prepared and code-required statement of special inspections related to inspection of concrete work during construction.

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