

7.1.4 Submittals for Review

- A. Section 01300 – Submittals: Procedure for Submittals.
- B. Submit Shop Drawings which will indicate layout, unit locations, configuration, unit identification marks, reinforcement, connection and joints details, support items, bearing seats, inserts, anchors, concrete cover, location of lifting devices, dimensions, openings, embedded items and relationship to adjacent materials.
- C. Submit design calculations for the reinforcing, hoisting and connection and anchorage devices.
- D. Do not proceed with the fabrication until the design calculation and the shop drawing are approved by the Engineer.
- E. Submit a method statement for lifting, transporting, and erection of the recast units.
- F. Product Data: Indicate standard component configurations, design loads, deflections, cambers, bearing requirements, and special design condition.

7.1.5 Submittals for Information

- A. Section 01300 - Submittals: Procedures for submittals.
- B. Submit design data reports indicating calculations for loadings and stresses of fabricated, designed framing.
- C. Submit quality assurance and quality control procedures for the fabrication of the pre-cast units.

7.1.6 Quality Assurance

- A. Perform work under the provisions of section 01400 - Quality Control and in accordance with the requirements of PCI MNL-116, and PCI MNL-120.
- B. Design precast concrete members under direct supervision of a Professional licensed Structural Engineer experienced in design of this work.
- C. Maintain plant records on production runs and make records available to the engineer upon request.

7.1.7 Samples

- A. Representative samples, as agreed with the Engineer, must be submitted for at least the following items at the same time as the particulars are submitted. Sample of pre-cast panel as agreed with the Engineer to be representative of the Works to be constructed to demonstrate adequacy of pre-casting operations.