Section 05 05 19 - Post-Installed Anchors in Concrete and Masonry (CMU)

PART 1 - GENERAL

1.01 DESCRIPTION

A. Work Included:
   1. Furnish all work, labor, materials, equipment and supervision necessary to provide and install anchors in previously poured concrete and in masonry as indicated on Structural Drawings, as specified herein, or as otherwise required to anchor or support materials and equipment from structure.

B. Work Not Included:
   1. Anchors, embeds, and other materials placed prior to concrete pour and cast into concrete - See Section 03 30 00
   2. Concrete reinforcing steel - See Section 03 20 00.

1.02 QUALITY ASSURANCE

A. Applicable Specifications: Latest edition of following specifications and recommended practices shall become part of this specification as if written herein. Wherever requirements conflict, the more stringent shall govern.
   a. ACI 318, Appendix D.
   b. Mechanical Anchors: ACI 355.2, "Qualification of Post-Installed Mechanical Anchors in Concrete".
   c. Expansion and Screw Anchors (Concrete): ICC-ES AC193.
   d. Expansion Anchors (Masonry) ICC-ES AC01.
   e. Screw Anchors (Masonry) ICC-ES AC106.
   f. Adhesive Anchors: ACI 355.4, "Qualification of Post-Installed Adhesive Anchors in Concrete".
   g. Adhesive Anchors (Concrete) ICC-ES AC308.
   h. Adhesive Anchors (Masonry) ICC-ES AC58.
   i. Manufacturer's published specifications and installation requirements.

B. All post-installed anchors in concrete shall have current published ICC-ES Evaluation Report indicating the anchor is approved for installation in cracked concrete.

C. Special inspection where required by code shall be in accordance with a current published ICC-ES Evaluation Report.

C. Where material or equipment must be supported from the structure, the installer of that material or equipment support shall be responsible for supplying the anchors and meeting the requirements of this specification unless specifically noted otherwise on the plans.