

SECTION 03 30 00 CAST-IN-PLACE CONCRETE

PART 1 – GENERAL

1.1 ADMINISTRATIVE REQUIREMENTS

Retain the following for a pre-installation conference held prior to start of product installation.

- A. Pre-Installation Conference:
1. Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder], manufacturer's representative, installer, and related trades.
 2. Review: Project conditions, manufacturer requirements, and product installation.

1.2 SUBMITTALS

- A. Action Submittals:
1. Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.
 2. Product Data: Manufacturer's descriptive data and product attributes.
- B. Informational Submittals:
1. Certificate of Compliance: Certification that installed products meet specified design and performance requirements.

1.3 QUALITY ASSURANCE

Retain the following to specify minimum experience of manufacturer and installer.

- A. Manufacturer Qualifications: Minimum [] years' experience in work of this Section.
- B. Installer Qualifications: Minimum [] years' experience in work of this Section.

PART 2 – PRODUCTS

2.1 MATERIALS

Retain the following for column sockets for connection of steel tube or wide flange columns to column footings. This socket can accommodate any steel column size and eliminates diamond slab leave-outs. It installs 3/8 inch below the top of slab to provide uninterrupted screeding of concrete.

- A. Column Connector:
1. Source: Column Socket by Connect-EZ (www.theconnect-ez.net) [or approved substitute].
 - a. Material: Welded steel.
 - b. Comply with OSHA 1926.755.
 - c. Base Plate, ASTM A572 Grade 50, thickness and hole diameter/location as specified by Engineer of Record (EOR).
 - d. Welds: Comply with AWS D1.1 Structural Welding Code.
 - e. Drainage: Pre-fabricated weep drain.
 - f. Raw material and finished product produced and fabricated in USA.
 - g. Protective Cover: Manufacturer's temporary steel cap, compliant with OSHA requirements

PART 3 – EXECUTION

3.1 INSTALLATION

Commented [cc1]: The following specification text has been prepared by Connect-EZ to assist design professionals in the preparation of a specification section covering shop-fabricated steel components that eliminate field welding of structural connections for columns in tilt-up or precast construction.

Utilize these Specification suggestions to insert text into Master Specifications, typically SECTION 03 30 00 Cast-In-Place Concrete but could also be incorporated into related Sections such as 03 47 13 Tilt-Up Concrete, 03 40 00 Precast Concrete, 03 45 00 Precast Architectural Concrete, 05 12 00 Structural Steel Framing, or similarly titled sections governing this work.

The following should be noted in using this document:

•Text in black is intended to be placed in a project specification. Text in blue comprises notes to the specifier and locations within the CSI/CSC 3-Part Section Format where text should be inserted. Page Format and labeling may require minor adjustments for optimal copy/paste inclusion into master specifications.

•Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: "Source: [PA-12] [PA-18]"

•Items requiring user input are enclosed within brackets and as red text, e.g.: "Manufacturer Qualifications: Minimum [] years' experience..."

•Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

**** OR ****

For assistance on the use of the products in this section, contact Connect-EZ by calling 973-903-7836 or visit their website at www.theconnect-ez.net.

A. Install in accordance with manufacturer's instructions and approved Shop Drawings.