

SECTION 04085

MASONRY ANCHORS AND ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

\*\*\*\*\*  
NOTE: Delete items below not required for project.  
\*\*\*\*\*

- A. Masonry veneer anchors and ties.
- B. Stone veneer anchors and ties.
- C. Masonry accessories.

1.2 RELATED SECTIONS

- A. Section 04810 - Unit Masonry Assemblies.
- B. Section 04851 - Cut Stone Veneer.
- C. Section 04852 - Stone Masonry Veneer.

1.3 REFERENCES

\*\*\*\*\*  
NOTE: Delete references from the list below that are not actually required by the text of the edited section.  
\*\*\*\*\*

- A. ASCE/ACI 530.1 - Specifications for Masonry Structures; 1995.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data on each type of product furnished.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Heckmann Building Products, Inc.,  
1501 N. 31<sup>st</sup> Avenue, Melrose Park, IL 60160  
800-621-4140 or 708-865-2403 FAX: 708-865-2640  
Email: [info@heckmannanchors.com](mailto:info@heckmannanchors.com).  
Website: [www.heckmannanchors.com](http://www.heckmannanchors.com).

\*\*\*\*\*  
NOTE: Delete paragraph below; coordinate with Division 1 requirements.  
\*\*\*\*\*

- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.

## 2.2 APPLICATIONS

- A. Provide anchoring systems that comply with ACI 530.1/ASCE 6/TMS 602.

## 2.3 MATERIALS

- A. Stone Anchors:

\*\*\*\*\*  
NOTE: Delete products not required for project  
NOTE: Specify Lengths as Inside Dimensions (ID) or Outside Dimensions (OD)  
\*\*\*\*\*

- 140 Z-TYPE STONE ANCHOR** [gage] x [width] x [length] x [bend length] x [bend length]
- 141 U-TYPE STONE ANCHOR** [gage] x [width] x [length] x [bend length] x [bend length]
- 143 TWISTED -TYPE STONE ANCHOR** [gage] x [width] x [length] x [bend length] x [bend length]
- 144 L-TYPE STONE ANCHOR** [gage] x [width] x [length] x [bend length]
- 145 SPLIT BEND STONE ANCHOR** [gage] x [width] x [length] x [bend length] x [split bend length]
- 147 TWISTED SPLIT-BEND STONE ANCHOR** [gage] x [width] x [length] x [bend length] x [split bend length] x [location of twist]
- 148 FLAT SPLIT-BEND STONE ANCHOR** [gage] x [width] x [length] x [split bend length]
- 148-T TWISTED SPLIT BEND ANCHOR** [gage] x [width] x [length] x [split bend length] x [location of twist]
- 150 FLAT-TYPE STONE PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin]
- 150-T TWISTED STONE PIN ANCHORS** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [location of twist]
- 151 CORRUGATED STONE PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin]
- 152 L-TYPE STONE PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [bend length]
- 152-A L-TYPE STONE HALF-PIN ANCHOR** [gage] x [width] x [length] x

[pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [bend length]

**152-S SPLIT BEND PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [split bend length]

**152-T TWISTED STONE PIN ANCHOR WITH BEND** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [bend length] x location of twist

**153 FLANGE-HOOK STONE PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location] x [welded pin][fixed pin][loose pin] x [length of hook]

**154 TWO-WAY STONE PIN ANCHOR** [gage] x [width] x [length] x [pin diameters] x [pin lengths] x [pin locations] x [welded pins][fixed pins][loose pins]

**154-A DOUBLE HALF-PIN STONE ANCHOR** [gage] x [width] x [length] x [pin diameters] x [pin lengths] x [pin locations] x [welded pins][fixed pins][loose pins]

**155 DOWEL** [diameter] x [length]

**157-A DOWEL-CENTERED PIN ANCHOR** [gage] x [width] x [length] x [pin diameter] x [pin length] x [pin location]

**160 L-ANCHOR ROD W/PLATE** [gage] x [width] x [length] x [pin diameter] x [pin length] x [bend length]

**160-S STRAIGHT ANCHOR ROD W/PLATE** [gage] x [width] x [length] x [pin diameter] x [pin length]

**161 L-TYPE ANCHOR ROD** [pin diameter] x [pin length] x [bend length]

**162 Z-TYPE ANCHOR ROD** [pin diameter] x [pin length] x [bend length] x [bend length]

**163 U-TYPE ANCHOR ROD** [pin diameter] x [pin length] x [bend length] x [bend length]

**166 J-TYPE ANCHOR ANCHOR ROD** [pin diameter] x [pin length] x [diameter of J-hook] x [return length of hook]

**166-A J-TYPE ANCHOR ROD WITH BEND** [pin diameter] x [pin length] x [diameter of J-hook] x [return length of hook] x [length of bend]

**166-B J-TYPE ANCHOR ROD WITH BEND** [pin diameter] x [pin length] x [diameter of J-hook] x [return length of hook] x [length of bend]

**166-C J-TYPE ANCHOR ROD WITH BEND** [pin diameter] x [pin length] x [diameter of J-hook] x [return length of hook] x [length of bend]

**166-D J-TYPE ANCHOR ROD WITH BEND** [pin diameter] x [pin length] x [diameter of J-hook] x [return length of hook] x [length of bend]

**167 EYE ROD ANCHOR** [pin diameter] x [shaft length] x [eye diameter]

**167-A EYE ROD ANCHOR WITH BEND** [pin diameter] x [shaft length] x [eye diameter] x [bend length]

**167-B EYE ROD ANCHOR WITH BEND** [pin diameter] x [shaft length] x [eye diameter] x [bend length]

**167-C EYE ROD ANCHOR WITH HOOK** [pin diameter] x [shaft length] x [eye diameter] x [hook diameter] x [hook return length]

**170 ANCHOR BOLT** [diameter] x [length] x [bend length] x [thread length]

**174 EYE BOLT** [diameter] x [shaft length] x [eye diameter] x [thread length]

**177-B THREADED T-BOLT** [diameter] x [shaft length] x [thread length] x [T-Pin length]

**298 THREADED BARREL ANCHOR** 3/4 inch (19 mm) diameter barrel x [Length] with a 3/8 inch (9.5 mm) diameter threaded rod [Length] long.

**355 SPRING LOADED DOWELS** [3/8 inch (9.5 mm)][1/2 inch (12.7 mm)][5/8 inch (15.9 mm)][3/4 inch (19 mm)] diameter x [length] with a spring to extend [length] beyond the dowel.

### PART 3 EXECUTION

#### 3.1 INSTALLATION

- A. Install as specified in applicable masonry section(s).

END OF SECTION