

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 530-05 - Specifications for Masonry Structures; 2005.
- B. ASTM A 153/A 153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 1998.
- C. ASTM A 167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip; 1996.
- D. ASTM A 240/A 240M - Standard Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels; 1998b.
- E. ASTM A 276 - Standard Specification for Stainless Steel Bars and Shapes; 1998b.
- F. ASTM A 479/A 479M - Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels; 1997a.
- G. ASTM A 580/A 580M - Standard Specification for Stainless Steel Wire; 1998.

H. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 1998.

I. ASTM B 633 : Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel; (Reapproved 1994).

#### 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

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: [Heckmann@worldnet.att.net](mailto:Heckmann@worldnet.att.net).

Website: [www.heckmannbuildingprods.com](http://www.heckmannbuildingprods.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.

NOTE: The following masonry ties must be used with #100 Dovetail Anchor Slot

**121 DOVETAIL THREADED ROD ANCHOR** [gage] x [width] x [overall length from face of concrete] x [rod diameter]

\*\*\*\*\*  
Note: Select one of the following 3 combinations of materials: all stainless steel, all hot-dip galvanized or hot-dip galvanized except for items completely embedded in mortar. Delete the inappropriate choices.  
\*\*\*\*\*

B. Material for Anchors and Ties in Exterior Walls:  
Stainless steel.

C. Material for Anchors and Ties in Exterior Walls:  
Hot-dip Galvanized After Fabrication.

D. Material for Anchors and Ties Exposed to Air in  
Exterior Walls: Hot-dip galvanized After  
Fabrication.

E. Material for Ties Completely Embedded in Mortar  
Joints: Mill galvanized.

## 2.3 MATERIALS

A. Stainless Steel: Type 304.

1. Sheet Metal: ASTM A 167 or ASTM A 240/A  
240M.
2. Wire: ASTM A 580/A 580M.

B. Hot-Dip Galvanized Steel: Hot-dip galvanized  
after fabrication in accordance with ASTM A 153/A  
153M, Class B-2.

C. Mill Galvanized Steel:

1. Sheet Metal: ASTM A 653/A 653M, G60  
coating.
2. Wire: ASTM A 641, regular coating;  
minimum 3/16 inch (4.76 mm) diameter.

## PART 3 EXECUTION

### 3.1 INSTALLATION

B: Anchors: Insert anchor at desired height into Dovetail  
Anchor Slot. Turn 90 degrees to lock into the slot. Place  
mortar above and below anchor in the mortar joint.  
[Specify spacing of anchors].

END OF SECTION