

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. 31st Avenue, Melrose Park, IL 60160

800-621-4140 or 708-865-2403 FAX: 708-865-2640

Email: Heckmann@worldnet.att.net.

Website: 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

103 DOVETAIL TRIANGLE TIE 12 gage clip factory assembled to a 3/16 inch (4.76 mm) diameter x [tie length]

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.

1. Exception: Structural Plates, Angles,
and Bars: Hot-dip galvanized.

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.

1. Exception: Dovetail Slots: Stainless
steel.
2. Exception: Dovetail Slots: Mill
galvanized steel.

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.

1. Wire: Minimum 3/16 inch (4.76 mm)
diameter.

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