SECTION 04085

MASONRY ANCHORS AND ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

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NOTE: Delete items below not required for project.
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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

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NOTE: Delete references from the list below that are not actually required by the text of the edited section.
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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: info@heckmannanchors.com
Website: www.heckmannanchors.com.

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

B: Dovetail Slots cast in forms.

1. Anchors to Concrete:

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.

C. Material for Anchors and Ties in Exterior Walls: Stainless steel.
1. Exception: Structural Plates, Angles, and Bars: Hot-dip galvanized.

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

E. 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.

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

2.3 MATERIALS

A. Stainless Steel: Type 304.
   Sheet Metal: ASTM A 167 or ASTM A 240/A 240M.


C. Mill Galvanized Steel:
   2. Wire: ASTM A 641, regular coating; minimum 3/16 inch (4.76 mm) diameter.

D. Dovetail Slots: Heckmann No. 100-A LARGE DOVETAIL ANCHOR SLOT.
   1. Size: 2 inches (50 mm) wide by 1-1/2 inches (38 mm) deep by 1-3/8 inch (35 mm) throat.

Note: Delete all but one of the following metal thicknesses.

1. Metal Thickness: 16 gage (1.5 mm).
2. Metal Thickness: 18 gage (1.2 mm).
3. Metal Thickness: 20 gage (0.9 mm).

PART 3 EXECUTION

3.1 INSTALLATION

A: Dovetail Anchor Slot: Nail filler side down to concrete forms. Nails should be placed every 12 inches (305 mm). Space Slots [vertically][horizontally] every [specify distance between slots].
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