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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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.


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.

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

117 DOVETAIL SPLIT BEND ANCHOR [gage] x [width] x [length from face of concrete] x [i.d. split-bend length]

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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.
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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.
   1. Exception: Dovetail Slots: Stainless 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.


C. Mill Galvanized Steel:
   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