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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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

A. 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.

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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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F. Material for Anchors and Ties in Exterior Walls:
Stainless steel.
G. Material for Anchors and Ties in Exterior Walls: Hot-dip galvanized.

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

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

2.3 MATERIALS

A. Steel Types

1. Stainless Steel: Type 304.
   A. Sheet Metal: ASTM A 167 or ASTM A 240/A 240M.
   B. Wire: ASTM A 580/A 580M.
   C. Bars: ASTM A 479/A 479M, annealed and ground.
   D. Plates, Bars, and Shapes: ASTM A 167 or ASTM A 276.


B. Products

1. Masonry Wall Stabilizing Anchors: Anchoring top of wall to structure while allowing vertical deflection.
   1. Type: No. 419 Pin Type 12 gage (2.6 mm) plate with 3/8 inch (10 mm) diameter pin; plate anchored to structure overhead, pin sliding in No. 421 Plastic Tube embedded in mortar at top of wall.
      A. Material: Hot-dip galvanized.
      B. Material: Stainless steel.

2. Type: No. 420 Cap 12 gage (2.6 mm) channel cap; attached to structure overhead.
   A. Material: Hot-dip galvanized.
   B. Material: Stainless steel.

3. Type: No. 138-R Channel Slot Threaded Rod Anchor used with a [#130 Welded Channel Slot][#133 Continuous Welded Channel Slot] on a Structural Beam. Channel Slot Anchor 12 gage (2.6 mm) with a welded 3/8 inch (10 mm) threaded rod [length] from channel, pin sliding in No. 421 Plastic Tube embedded in mortar at top of wall.
   A. Material: Hot-dip galvanized.
   B. Material: Stainless steel.

4. Type: No. 138 Channel Slot Flat Anchor used with a [#130 Welded Channel Slot][#133 Continuous Welded Channel Slot] on a Structural Beam. Channel Slot Anchor 12 gage (2.6 mm) x 1-1/4 inch (mm) wide
A. Install as specified in applicable masonry section(s).

END OF SECTION