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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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.


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

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.

B. Masonry Anchors:
   Anchors to Stud Backup Screw-on anchor straps or plates allowing vertical movement of tie; minimum of 2 screws:
   Anchors to Structural Steel – weld on anchor straps allowing vertical movement of ties:

   Anchors in Block Backup:
   **No. 262 DOUBLE EYE ROD ANCHOR**
   3/16 inch 94.76 mm) diameter x [width] x [length].
   Anchors in Brick Veneer:
NO. 263 DOUBLE PINTLE WIRE TIE, 3/16 inch (4.76 mm) diameter x [width] x [length].

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.


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

PART 3 EXECUTION

3.1 INSTALLATION

A. Install as specified in applicable masonry section(s).

END OF SECTION