SECTION 32 39 13 – MANUFACTURED METAL BOLLARDS

PART 1: GENERAL

1.1 SUMMARY

   A. Section Includes
      1. Steel Bollards

1.2 SUBMITTALS

   A. General Requirements: Refer to Division 1

1.3 QUALITY ASSURANCE

   A. Manufacturer Qualifications: Minimum 5 years of experience manufacturing similar products.
   B. Installer Qualifications: Minimum 2 years of experience installing similar products.

1.4 STORAGE AND HANDLING

   A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
   B. Handling: Handle materials to avoid damage.

1.5 PROJECT CONDITIONS

   A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

PART 2: PRODUCTS

2.1 SPECIFICATIONS

   A. 1-800-Bollards 4” Padlock Removable Carbon Steel Bollard.
      1. Material PCS04040 Sch 40 ASTM A-53 Carbon Steel
      2. Dome Cap
      3. RAL#: 2008
      4. Diameter: 4.5”
      5. Height: 42”
      6. Embed Depth: 12”

   B. 1-800-Bollards 4” Embedment Sleeve 12” Depth
      1. Embed Sleeve Diameter 8.75” when closed.

   C. Substitutions: Requests for substitutions will be considered in accordance with provisions of Section 01 31 00 Project Administration Part 2: Products.
PART 3: EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. Before proceeding with work, notify the Owner's Designated Representative in writing of unsuitable conditions and conflicts.

3.2 INSTALLATION

A. Comply with manufacturer’s recommendations for installation.

END OF SECTION