

SECTION 323300- SITE IMPROVEMENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. The Drawings, General Conditions of the Contract and Supplementary General Conditions and all Division 1 Specification Sections apply to the work specified in this section.

1.2 SCOPE:

- A. The work of this section consists of all site improvements and related items as indicated on the drawings and/or as specified herein and includes, but is not limited to, the following:

1. Site signage
2. Metal bollards
3. Screen fencing
4. Bicycle racks
5. Light pole bases

1.3 RELATED WORK UNDER OTHER SECTIONS:

- A. Related sections include the following :
 1. Section 312000 "Earth Moving"
 2. Section 321216 "Asphalt Paving"

1.4 SUBMITTALS:

- A. General: Comply with the requirements of General Requirements Section – SUBMITTALS.
- B. Provide submittals for the following:
 1. Site signage
 2. Screen fencing, include samples
 3. Bicycle racks

1.5 SHOP DRAWINGS:

- A. The contractor shall submit six copies of all required shop drawings, including fabrication details and layout and dimensioning for the approval of the Architect. Shop drawings shall be submitted for the following:
 - 1. Site Signage
 - 2. Metal bollards
 - 3. Bicycle racks, including horizontal layout.
 - 4. Light pole bases

PART 2 - PRODUCTS

2.1 BASIC MATERIALS:

- A. Metal Fasteners: Comply with general requirements.
- B. Painted Surfaces: Comply with general requirements.

2.2 SITE SIGNAGE:

- A. Provide metal van accessible handicapped parking signs as shown on Drawings in accordance with the provisions of the Maine Human Rights Act, Title 5, M.R.S.A. 4551, utilizing the international symbol of accessibility. Install on steel bollards and sign posts as shown on Drawings.
- B. Provide additional metal painted signs as indicated on Drawings. The back of all signs shall be painted with a primer coat and two coats epoxy based paint, black color . All signs shall be installed on 2 inch round sch. 80 steel posts. Posts shall be painted with a primer coat and two coats epoxy based paint, black color . Set posts 30 inches below grade in 12 inch by 36 inch concrete base.

2.3 METAL BOLLARDS:

- A. Schedule 40 galvanized steel, 6 inch square bollards, filled with concrete, primed, painted as indicated on drawings.

2.4 SCREEN FENCING:

- A. PVC fencing, 6 feet high, "Premium Privacy" fencing with "Federation" post style, as manufactured by Husker Vinyl Fencing, clay color – or approved equal.(www.huskervinyl.com).

2.5 BICYCLE RACKS:

- A. Dero "Downtown" bike rack, embedded installation, Color: Black.(www.dero.com).

2.6 LIGHT POLE BASES:

- A. Precast concrete with reinforcing and conduit as indicated on Drawings.

PART 3 – EXECUTION

3.1 General – install all site improvement elements as indicated on Drawings, true to grade, level and plumb.

3.2 Metal fencing posts shall be set in concrete sonatube footings, 8 inch diameter and 36 inches depth – top of footing below pavement.

3.3 Bicycle racks to be set in concrete base as recommended by manufacturer; top of base to be set at bottom of asphalt paving course.

END OF SECTION 323300