



## SECTION 02800 – SITE IMPROVEMENTS

### PART 1 - GENERAL

#### 1.01 DESCRIPTION OF WORK:

- A. Provide all labor, materials, equipment and services necessary for proper and complete installation of the following as indicated on the drawings and herein specified:

1. Wood Privacy Fence
2. River Stone Maintenance Path
3. Raised Sidewalk Planters
4. Bicycle Racks

#### 1.02 SUBMITTALS:

- A. Furnish samples or manufacturers' product cutsheets for the following:

1. Fence (shop drawing) and fence stain (cutsheet)
2. River Stone (sample)
3. Root Barrier (cutsheet)
4. Bicycle Rack (cutsheet)

### PART 2 – PRODUCTS

#### 2.01 WOOD PRIVACY FENCE:

- A. Wood: Eastern White Cedar.
- B. Finish: Exterior penetrating stain with wood preservative, manufactured by Sherwin Williams, or approved equal. Color: weathered gray, to coordinate with building finish colors.

#### 2.02 RIVER STONE MAINTENANCE PATH:

- A. Stone: 1" to 1 ½" diam. rounded river stone; color – blend of browns and grays. Aggregate shall be free from vegetable matter, lumps or balls of clay, and other deleterious substances.
- B. Soil separation fabric: Mirafi 140-N, or approved equal.

#### 2.03 RAISED SIDEWALK PLANTERS

- A. Granite Edge: 4" wide x 12" deep x 3' min. length. Edge pieces near curb ramp shall be 18" deep. Thermal finish top and outside face; other sides sawn.
- B. Root Control Barrier: Deep Root ® UB-24-2 black polypropylene mechanical root control barrier.



## 2.04 BICYCLE RACKS

- A. Classic bollard bike rack, with in-ground anchor mount and 2-piece grout cover, manufactured by Belson, Model BOL-2-IG-P. Powdercoat finish, color: Lexington Green or Black, or approved equal. Quantity: Two (2).

## PART 3 – EXECUTION

### 3.01 WOOD PRIVACY FENCE:

- A. Centerline of fence shall be approximately 3” offset from property boundary, in the locations shown in the Drawings.
- B. Posts shall be 6’ on center, imbedded 4’ into the ground.
- C. Panels shall be constructed to the dimensions as shown in the Drawings.

### 3.02 RIVER STONE MAINTENANCE PATH:

- A. Identify areas to receive river stone treatment as shown in the Drawings. Install river stone 4” deep over soil separation fabric, as shown in the detail.

### 3.03 RAISED SIDEWALK PLANTERS:

- A. Install the granite edge pieces in accordance with the details. The top surface of the planter edge pieces shall be continuous with the other granite pieces, and sloped consistently with the slope of the sidewalk; the outside reveal shall be a consistent 4”, except at the curb ramp and adjacent street transition curb. End joints shall be tight.
  - 1. The granite pieces next to the curb ramp and sloped street transition curb shall be 18” in depth. The outside reveal varies between 4” and 10”; the top surface shall slope consistently with the top surfaces of the opposing granite edge pieces.
- B. Install the root control barrier along 3 sides of the planters, with the ridges facing away from the sidewalk. The top of the barrier shall be 4” below the top of the granite.
- C. Excavate planter as needed to a minimum depth of 28” from top of granite edge, 24” below finished sidewalk grade. Carefully set tree rootball on a slightly mounded, compacted base at an appropriate depth so the exposed trunk flare is level with the top of the granite edge. Backfill with planting media in accordance with the landscape specifications.

### 3.04 BICYCLE RACKS

- A. Install bike rack bollards and inground anchor mounts in concrete footings in the locations shown in the Drawings and in accordance with the detail.

END OF SECTION