

## **SECTION 02780**

### **UNIT PAVERS**

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Clay Unit Pavers
- B. Flagstone Pavers

##### 1.2 RELATED SECTIONS

- A. Section 03300 – Cast in Place Concrete.

##### 1.3 REFERENCES

- A. ASTM International, Inc. (ASTM):
  - 1. ASTM C 902 - Standard Specification for Pedestrian and Light Traffic Paving Brick.
  - 2. ASTM C 1272 - Standard Specification for Heavy Vehicular Paving Brick.

##### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Cleaning methods.
- C. Verification Samples: For each product and finish specified, two full-size samples representing actual products, colors and textures.

##### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of ten years experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of five years demonstrated experience in installing products of the same type and scope as specified.
- C. Mock-Up: Provide a completely assembled, typical wall areas installed with related accessories, in composite configurations designed to fulfill the

performance criteria, and representative of the design as shown on the Drawings.

1. Locate mock-up in location as directed by the Architect.
2. Do not proceed with remaining work until workmanship is approved by Architect.
3. Mock-up area may become part of finished work.
4. Mock-up area may not become part of finished work.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
- B. Store materials in manufacturer's original sealed, labeled packaging until ready for installation and in accordance with manufacturer's instructions. Protect from damage.

#### 1.7 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.

#### 1.8 WARRANTY

- A. Manufacturer's Standard Material Warranty: At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

### PART 2 PRODUCTS

#### 2.1 CLAY UNIT PAVERS

- A. Pedestrian/Light Vehicular Pavers: Nominal 4 inch x 8 inch brick pavers with wirecut surface texture as manufactured by Endicott Clay Products Co., P.O. Box 17, Fairbury, NE 68352, (402)729-3315
  1. Actual Product Size: 4 x 8 x 2-1/4 inches (102 x 203 x 57 mm).
  2. Color: Medium Ironspot No. 46.
  3. Pattern: Herringbone 90 degree Pattern 10 ' T' spacers/sf; including perimeter spacers.

#### 2.2 FLAGSTONE PAVERS

- A. Manufactured by Lyons Sandstone, 2493 CR 37 E, Lyons, CO 80540, (303)823-5659
  1. Actual Product Size: 2 1/2 inches Depth (widths vary per plans).

### PART 3 EXECUTION

### 3.1 EXAMINATION AND PREPARATION

- A. Prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
- B. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

### 3.2 INSTALLATION

- A. Install pavers accordance with manufacturer's instructions and in proper relationship with adjacent construction.

### 3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION