

**SECTION 32 14 16
MASONRY UNIT PAVING**

PART 1 - GENERAL

1.1 DESCRIPTION

The requirements for concrete pavers, with sanded joints on a compacted gravel base, are specified in this section.

1.2 RELATED WORK

- A. See drawings for the paving pattern.

1.3 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Samples:
 - 1. Three individual samples of concrete pavers showing extreme variations in color and texture.
 - 2. Perimeter edge containment system, 2'-0" piece, one spike.
- C. Test Samples: Five random pavers taken from the work site by the Resident Engineer for testing, to verify brick meets ASTM C67 freeze thaw tests specified.

1.4 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver masonry materials in original sealed containers marked with name of manufacturer and identification of contents.
- B. Store masonry materials under waterproof covers on planking clear of ground, and protect from handling damage, dirt, stain, water and wind.

1.5 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. American Society for Testing and Materials (ASTM):
 - ASTM C1319 - 14 Standard Specification for Concrete Grid Paving Units
C150-07
 - ASTM C936 / C936M - 16 Standard Specification for Solid Concrete
Interlocking Paving Units

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Concrete Pavers:
 - 1. Size: 8" x 8" x 3-1/8" high
 - 2. Color: natural gray
 - 3. Basis of design: Mutual Materials 'Eco-Priora' or equal.

- 4. Layout Pattern: running bond
- B. Sand: ASTM C144.
- C. Portland Cement: ASTM C150.
- D. Perimeter edge stops: heavy duty 'L' shaped fiberglass or ABS plastic strips abutting the edges of the masonry pavers with 60d galvanized spikes at 1'-0" o.c.

PART 3 - EXECUTION

3.1 INSPECTION

Ensure that substrate is without voids or projections that would interfere with installation of brick paving.

3.2 ALLOWABLE TOLERANCES

- A. Paved surface true to plane within 3 mm (1/8 inch) in 3 m (10 feet) not cumulative.
- B. Joint width deviation not greater than 10 percent of dimension shown.

3.3 APPLICATION

- A. General: Do not use units with chips, cracks, discoloration, or other visible defects.
- B. Installation with sand joints:
 - 1. Install pavers on 4" compacted ¾"- crushed rock base. Sand set joints with mason's sand.
- C. Provide full perimeter edge stops where not abutting a structure or wall.

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