

Copyright 2010 by The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc (ARCOM) for the AIA

SECTION 321400 - UNIT PAVING

1.1 QUALITY ASSURANCE

- A. Mockups for each form and pattern of unit paver.

1.2 MATERIALS

- A. Regional Materials for LEED: [**Brick pavers**] [**concrete paver aggregates**] [**concrete paver cement**] [**mortar aggregate**] [**mortar cement and lime**] [**grout aggregate**] [**and**] [**grout cement**].
- B. Brick Pavers: [**Light-traffic**] [**and**] [**heavy vehicular**] paving brick, without frogs or cores.
- C. Concrete Pavers: Solid [**interlocking units**] [**custom or large-size units**] [**and**] [**lightweight units**].
- D. Asphalt-Block Pavers: Solid units with [**natural, smooth**] [**ground**] [**ground and sandblasted**] finish.
- E. Stone Pavers: Rectangular paving slabs made from [**granite**] [**limestone**] [**marble**] [**quartz-based stone**] [**slate**] [**travertine**] with [**honed**] [**thermal**] [**sand-rubbed**] [**natural-cleft**] [**smooth**] [**chat sawed**] [**shot sawed**] <Insert finish> finish.
- F. Stone Pavers: Random polygonal flagstones made from [**quartz-based stone**] [**slate**] with [**honed**] [**thermal**] [**sand-rubbed**] [**natural-cleft**] <Insert finish> finish.
- G. Rough-Stone Pavers: Rectangular[**tumbled**] granite stones, with split[**or thermal-finished**] faces and edges.
- H. Edge Restraints: [**Plastic**] [**Steel**] [**Aluminum**] [**Job-built concrete**].
- I. Curbs: [**Precast concrete**] [**and**] [**granite**].
- J. Grout: [**Job mixed; portland cement and sand**] [**prepackaged; standard sanded cement**] [**or**] [**prepackaged; polymer modified sanded cement**].

1.3 INSTALLATION

- A. Joint Pattern: [**Running bond**] [**Herringbone**] [**Basket weave**] [**Grid**] [**As indicated**] [**Match existing**].
- B. Aggregate Setting Bed:

1. Aggregate[**subbase and**] base[**over compacted subgrade**] [**and geotextile**].
 2. Leveling course of 1 to 1-1/2 inches (25 to 38 mm)[**over geotextile**] [, **treated with herbicide**].
 3. Pavers set with 1/16- to 1/8-inch (1.5- to 3-mm) sand-filled joints.
- C. Bituminous Setting Bed:
1. Bituminous setting bed of 3/4-inch- (19-mm-) deep hot-mix asphalt[**over asphalt primer**] on concrete slab or binder course.
 2. Pavers set in neoprene-modified asphalt adhesive.
 3. Pavers placed with hand-tight, sand-filled joints.
- D. Mortar Setting Bed:
1. [**Portland cement-lime**] [**Latex-modified, portland cement**] mortar setting bed[, **wire fabric reinforced**].
 2. Pavers placed with [**3/8-inch (10-mm)**] [**1/2-inch (13-mm)**] [**3/4-inch (19-mm)**] joints, filled with grout.

END OF SECTION 321400