

SECTION 32 13 14: CONCRETE PAVING WITH EXPOSED AGGREGATE

1. GENERAL

- A. The intent is to establish consistent paving for all primary campus walkways e.g. the Walk and the athletics complex pedestrian pathways. Provide a 2'x2' sample for review.
- B. Exposed Aggregate:
 - 1. Selected, hard, and durable; washed; free of materials with deleterious reactivity to cement or that cause staining.
 - 2. From a single source, with gapgraded coarse aggregate to be 3/8" crushed bluestone.
- C. Pigment:
 - 1. Tint used for the Walk is Scofield C-24 Charcoal Gray.
 - 2. Provide sample to match
- D. Finishing: Provide exposed aggregate finish by sample review and mockup approval for one of the following methods as determined by architect:
 - 1. Monolithic Exposed Aggregate Finish: Expose coarse aggregate in pavement surfaces as follows:
 - i. Immediately after float finishing, spray-apply chemical surface retarder to pavement according to manufacturer's written instructions.
 - ii. Cover pavement surface with plastic sheeting, sealing laps with tape, and remove when ready to continue finishing operations.
 - iii. Without dislodging aggregate, remove excess mortar by lightly brushing surface with a stiff, nylon-bristle broom.
 - iv. Fine-spray surface with water and brush. Repeat water flushing and brushing cycle until cement film is removed from aggregate surfaces to depth required.
 - 2. Seeded Exposed Aggregate Finish:
 - i. Immediately after initial floating, spread a single layer of aggregate uniformly on pavement surface.
 - ii. Tamp aggregate into plastic concrete, and float finish to entirely embed aggregate with mortar cover of 1/16 inch.
 - iii. Without dislodging aggregate, remove excess mortar by lightly brushing surface with a stiff, nylon-bristle broom.
 - iv. Fine-spray surface with water and brush. Repeat water flushing and brushing cycle until cement film is removed from aggregate surfaces to depth required.