

SECTION 03 13 14 -- CONCRETE PAVING WITH EXPOSED AGGREGATE

PART 1 – GENERAL

1. Design Requirements:

- 1) Design Intent: 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 by the Architect.
- 2) Exposed Aggregate: Selected, hard, and durable; washed; free of materials with deleterious reactivity to cement or that cause staining; from a single source, with gapgraded coarse aggregate as follows: aggregate to be 3/8" crushed bluestone.
- 3) Pigment: Tint used for the Walk- 'Scofield C-24 Charcoal Gray'. Provide sample to match for approval.
- 4) Finishing Technique– Provide exposed aggregate finish by one of the following methods as determined by Architect by sample review and mockup approval process.
 - a. 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.
 - b. Seeded Exposed-Aggregate Finish: Immediately after initial floating, spread a single layer of aggregate uniformly on pavement surface. Tamp aggregate into plastic concrete, and float finish to entirely embed aggregate with mortar cover of 1/16 inch:
 - i. 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 sheeting 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.

END OF SECTION