

32 15 01 GRANITE SCREENING

1.00 GENERAL

1.01 SCOPE OF WORK

- A. Work included in this section.
 - 1. Granite or crushed 3/8" minus aggregate.

1.02 SYSTEM DESCRIPTION

- A. Granite or crushed 3/8" minus aggregate.

1.03 SUBMITTALS

- A. Products; 5 (five) lb. sample of each color and sieve analysis for grading of granite or crushed 3/8" minus aggregate.

1.04 TESTS

- A. Perform gradation of granite material or 3/8" minus crushed aggregate in accordance with ASTM C 136 — Method for Sieve Analysis for Fine and Course.

1.05 ENVIRONMENTAL CONDITIONS

- A. NONE.

1.06 EXCESS MATERIALS

- A. NONE

PRODUCTS

GRANITE OR 3/8" CRUSHED AGGREGATE SCREENINGS

- 2.00** A. Crushed Stone Sieve Analysis Percentage of Weight Passing a Square Mesh Sieve AASHTO T11-82 and T27-82.

2.01

3/8" MINUS AGGREGATE GRADATION	
Sieve Size	% Passing
3/8 inch	100
No. 4	91-100
No. 8	66-80
No. 16	45-65
No. 30	31-45

3/8" MINUS AGGREGATE GRADATION	
Sieve Size	% Passing
No. 50	21-30
No. 100	13-20
No. 200	8-12

Note: Gradation based upon AASHTO T11-82 and T27-82

- B. Granite Screening or 3/8" crushed aggregate screenings are to be the following color (color must be uniform):
 - 1. Color to be approved by owner
 - 2. Submit sample for approval by Owner.
- C. Products from Minick Materials, Tim Shanahan, 405-834-8280, tims@minickmaterials.com or equivalent approved by Engineer.

EXECUTION

3.00 BLENDING STABILIZER

- A. Blend 12-16 lbs. of Stabilizer per ton of decomposed granite or crushed 3/8" minus aggregate screenings. It is critical that Stabilizer be thoroughly and uniformly mixed throughout decomposed granite or crushed 3/8" minus aggregate screenings.

3.01 PLACEMENT OF DECOMPOSED GRANITE SCREENINGS OR CRUSHED 3/8" MINUS AGGREGATE SCREENINGS

- A. Upon thorough moisture penetration, compact aggregate screenings to 95% relative compaction by compaction equipment such as double drum roller (2-4 ton) or single drum roller (1000 lbs.) vibratory plate tamp. Do not begin compaction for 6 hours after placement and up to 48 hours.
- B. Take care in compacting decomposed granite or crushed 3/8" minus aggregate screenings when adjacent to existing trees, new planting and irrigation systems.

END OF SECTION