

ITEM 11608.31 M - GRANITE PAVERS

DESCRIPTION

Under this item, the Contractor shall furnish and place a granite paver system.

MATERIALS

The stone shall be as shown on the drawings. The paving system shall also consist of the following:

<u>Materials</u>	<u>Specifications</u>
Class C concrete Base	Meeting Requirements of Item 502.06
Cement Mortar Setting Bed	608-2.04 Mortar for Stone Block Paving
Granite	
1. Stone	704-09
2. Connecting Matrix - As determined by Supplier Strength of Positioned Below Granite Paver	≥ 21,000kPa
3. Surface Friction	≥ 65 BNP
Mortar Joint Filler	701-01 Portland Cement 703-03 Mortar Sand Ratio 1:2 by volume
Premoulded Joint Filler	705-07

Sample Installation - The contractor must prepare a 2 meter x 2 meter installation including a corner of the pattern including the concrete base, setting bed, all colors of granite, and mortar, acid cleaner installed in accordance with the manufacturer's instructions and these specifications.

CONSTRUCTION DETAILS

The paving system shall be installed as shown on the contract drawings. The pattern, color, and stone size shall be as shown. Installation shall be in accordance with the manufacture's instructions or in accordance with sub section 508-3.04 of the Standard Specifications if no details are provided by the manufacturer.

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All stones which must be cut to fit shall be sawn using a diamond blade. The area between the stones must be mortared flush with the surface of the stones. The face of the granite must be cleaned of excess mortar in accordance with the contract documents and the orders of Engineer.

Expansion joints shall be constructed with premoulded resilient joint filler where shown on the plans or ordered by the Engineer.

METHOD OF MEASUREMENTS

This item shall be measured as the number of square meters of granite pavers furnished and installed in accordance with the contract documents and the orders of the Engineer. The measurement shall be taken between the limits of the adjacent work and shall include the area of the stone and intermediate mortar.

BASIS OF PAVEMENT

The unit price bid per square meter of granite pavers shall include the cost of all labor, materials and equipment necessary to complete the work including preparation of the subgrade, the concrete base, mortar setting bed, granite pavers, intermediate mortar and cleaning of the surface of granite. Excavation or fill shall be paid under their individual items.