

ITEM 10613.0110 M - PLANTER BACKFILL MIX

DESCRIPTION:

Under this item the Contractor shall furnish and place planter backfill mix in accordance with the plans and specifications and as directed by the Engineer.

The following mix shall be used in all landscape locations where plants are installed in planters; between a roadway barrier and noise wall or retaining wall. Additionally, this mix will be used all other places in proximity to the mainline pavement indicated on the plans and as directed by the Regional Landscape Architect.

MATERIALS:

Topsoil: Approved organic material shall be premixed with topsoil meeting the requirements of Subsection 713-01 at the rate specified herein. A synthetic water absorbent polymer approved by the Regional Landscape Architect shall be premixed with topsoil at the rate of 0.9 kg per cu. meter of topsoil. Existing premixed soil may be used with the incorporation of all amendments listed herein as approved by the Engineer.

Organic Material: Subsection 713-15.1, Humus or Peat.

Expanded Shale: Shall be lightweight aggregate meeting size gradations 9.5 mm to 2.36 mm and shall comply with ASTM Standards C-330 and C-331. Dry weight shall be approximately 720 kg per cu. meter. A certified test report shall be submitted to the Engineer and approval received prior to inclusion.

The proportions of the planter mix by volume shall be:

Expanded Shale	60%
Topsoil with Synthetic Polymer	25%
Organic Material	15%

CONSTRUCTION DETAILS:

Planter backfill material shall be thoroughly premixed in the proportions stated above and shall be placed to the depths and dimensions shown in the contract documents. The backfill mix shall be thoroughly settled by firming or tamping in a manner approved by the Engineer.

METHOD OF MEASUREMENT:

The quantity will be the number of cubic meters of material, computed from payment lines shown on the plans or, where changes have been ordered, from payment lines established by the Engineer or Regional Landscape Architect prior to performing the work.

BASIS OF PAYMENT:

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The unit price bid for this work shall include the cost of furnishing all labor, material and equipment necessary to complete the work. No direct payment will be made for losses of material resulting from compaction, foundation settlement, erosion or any other cause. The cost of such losses shall be included in the price bid for this item. No deductions will be made for the volumes occupied by lightpoles, sign pedestals and any other such objects.

DISAPPROVED
BY EI 12-001