

ITEM 02615.24 M - BOULDER PLACEMENT - OFF-SITE SUPPLY

Description

This work shall consist of procuring boulders and stones from local quarries, gravel pits, or other approved sources and placing them generally as shown on the plans and specifically as directed in the field by the Engineer-in-Charge and/or the Regional Landscape Architect. Locations shall include any areas within the length of project site on the R.O.W.

Materials

Boulders shall be natural native, indigenous selected stones and boulders typical of the region. No boulders or stones shall be taken from the creek bed or banks or other undisturbed areas. They shall be roughly round, oval, or other varying shapes with the smallest dimension a minimum of 0.5 meters and maximum of 1.25 meters with an average of about 0.75 meters. The quantity shall represent the size range proportionately. Surfaces shall be weathered but free of construction scars or scrapes and fractured faces unless on the bottom or otherwise directed. The presence of moss, lichens, or other plants is acceptable and desirable. The Regional Landscape Architect is available for tagging stones and boulders if desired.

Construction Details

Stockpiling of boulders may be required in a place and manner acceptable to the Engineer. The bottom of some stones shall be set firmly into the surrounding ground so as to have the natural appearance of glacial deposition which may require some minimal cutting and filling of earth either by machine or by hand, but no more than 1/3 the depth of the rock. See accompanying Typical Section illustrations. The Regional Landscape Architect will assist in the placement of stones in the field. They may be placed singularly, in groups, or in piles. Piled stones and boulders shall be stable to withstand approximately 200 kilograms of force from any direction and/or to the satisfaction of the E.I.C. Excess stone shall be disposed of A.O.B.E.

Method of Payment

This work will be measured as the number of boulders placed as specified.

Basis of Payment

The unit price bid for each boulder placed shall include cost of furnishing storage, labor, materials, equipment, transport and any excavation, backfill and disposal necessary to complete the work.