

ITEM 01586.97 M - DRILLING AND INSTALLATION OF WEEP DRAINS

DESCRIPTION:

Under this item the Contractor will be required to drill holes through existing walls and install and seal a weep pipe as detailed in the plans or proposal. /the locations shall be shown on the plans or as ordered by the Engineer.

MATERIALS:

Pipe and pipe cap shall consist of Polyvinyl Chloride (PVC), Schedule 40, or as approved by the Engineer.

Geotextile Underdrain shall be non-woven and conform to Subsections 207-1 and 207-2.

Silicone sealant shall be of quality and packaging that will allow installation as detailed and approved by the Engineer.

Jute shall be of sufficient diameter to securely hold the PVC pipe in position and prevent loss of silicone sealant.

CONSTRUCTION DETAILS:

A core hole shall be drilled horizontally through the wall to the diameter shown on the plans or details. The wall backfill shall be reamed out with a pipe or bar sufficiently to allow installation of the weep pipe into the backfill material as detailed. The PVC pipe shall be slotted or drilled, wrapped in geotextile and capped with as oversized end cap and installed flush to the face of the wall. The pipe shall be centered in the hole with jute and the annular space sealed with silicone sealant as shown on the plans or details.

METHOD OF MEASUREMENT:

The quantity paid for this item shall be the number of meters of wall drilled to install weep drains. Measurement shall be made by measuring the cores removed from the wall or as measured from the face of wall to the wall backfill material. No extra payment shall be made for the extra length of PVC pipe and Geotextile needed to install the weep drain.

BASIS OF PAYMENT:

The unit price bid, per meter, for this work shall include the cost of furnishing all labor, equipment and materials necessary to complete the work.