

## ITEM 17203.1390 M - EMBANKMENT EXTENSOMETER

### DESCRIPTION

Furnish, install and maintain embankment extensometers at the locations and elevations specified in the contract documents or as directed by the Engineer.

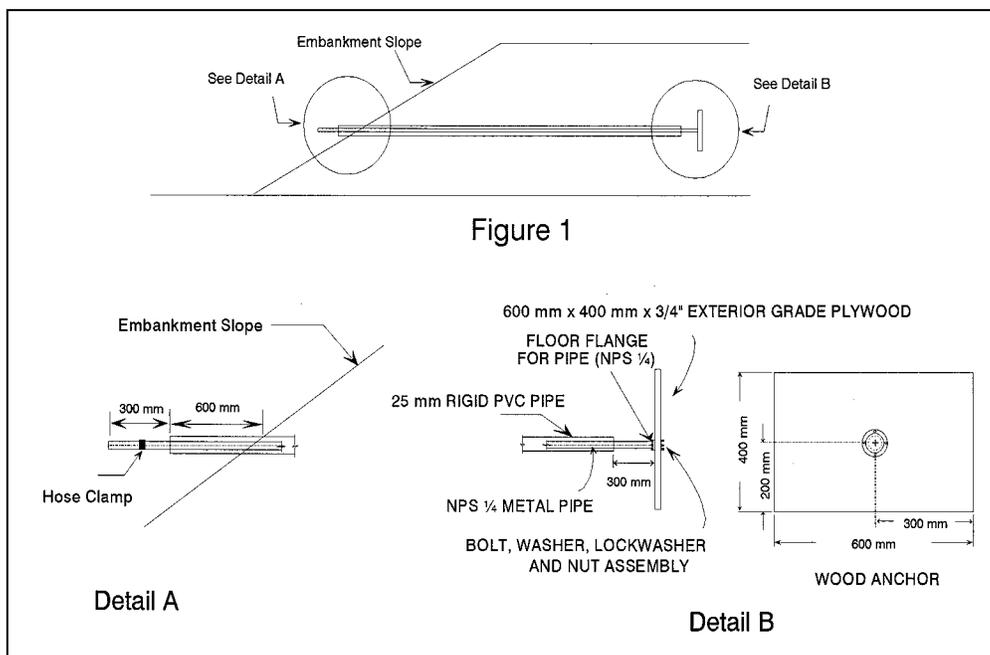
### MATERIALS

- a. 600mm x 400mm x 3/4" exterior grade plywood
- b. 25mm rigid PVC pipe
- c. NPS 1/4 metal pipe
- d. floor flange for NPS 1/4 metal pipe
- e. hose clamp for NPS 1/4 metal pipe

### CONSTRUCTION DETAILS

The installation of all embankment extensometers shall be inspected by a representative of the Geotechnical Engineering Bureau.

- a. Prepare a level surface for the Embankment Extensometer.
- b. Hand excavate a small hole to accept the wood anchor.
- c. Assemble the Embankment Extensometer and install it as shown in Figure 1.
- d. Backfill the anchor hole with excavated material and hand tamp.
- e. Continue embankment construction taking special care not to disturb the Embankment Extensometer.



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### **METHOD OF MEASUREMENT**

The quantity is for each embankment extensometer satisfactorily installed and maintained in accordance with this specification.

### **BASIS OF PAYMENT**

The unit price bid for this item includes the cost of all labor and materials necessary to satisfactorily install the Embankment Extensometer. When each installation is completed, 75 percent of the unit price will be paid. The remaining 25 percent will be paid when all earthmoving and slope work is completed in the vicinity of each installation.