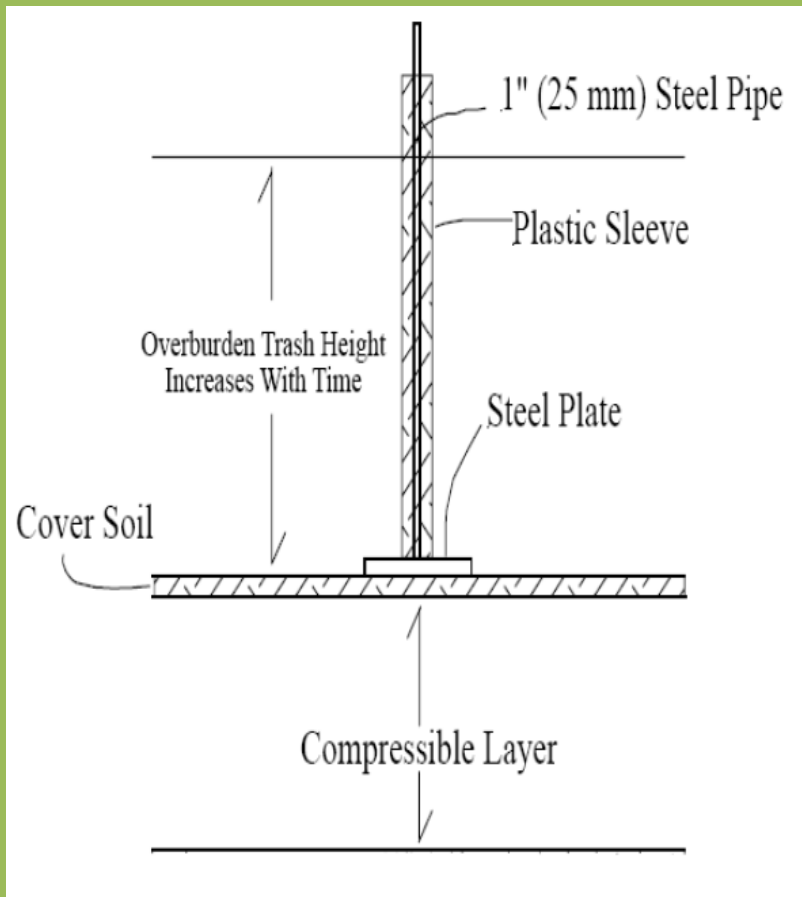




# ADHAR INSTRUMENTS & SERVICES



## Base Plate Settlement System

Foundation settlement (base plate) apparatus are installed on the foundation under dams and embankments to permit measurements of vertical settlement of the foundation during construction and later during operation. This type of apparatus generally is used where the foundation is unconsolidated sand, silt, or clay material.

### APPLICATIONS

Monitoring the settlement in embankment foundation, dam foundation, soil consolidation, ground improvement etc.

2015

### Advantages:

- ◆ Accurate, robust, high resolution and good long term stability.
- ◆ Capable of withstanding thermal shock without defeating performance.

### Specification:

Sl. #	Item	Dimensions
1.	Base Plate	300 x 300 x 5mm to 1500mm x 1500mm x 5mm as per site requirement
2.	Extension/Raiser Rod	MS Rod with male & female threads, 20mm dia, 25mm dia, 32mm dia as per site requirement
3.	Protective Pipe	PVC, 50mm Id, 1.7mm wall thickness, 6Kg/cm <sup>2</sup> water pressure or more as per site requirement.
4.	Coupling	PVC, 52mm ID, 1.7mm wall thickness