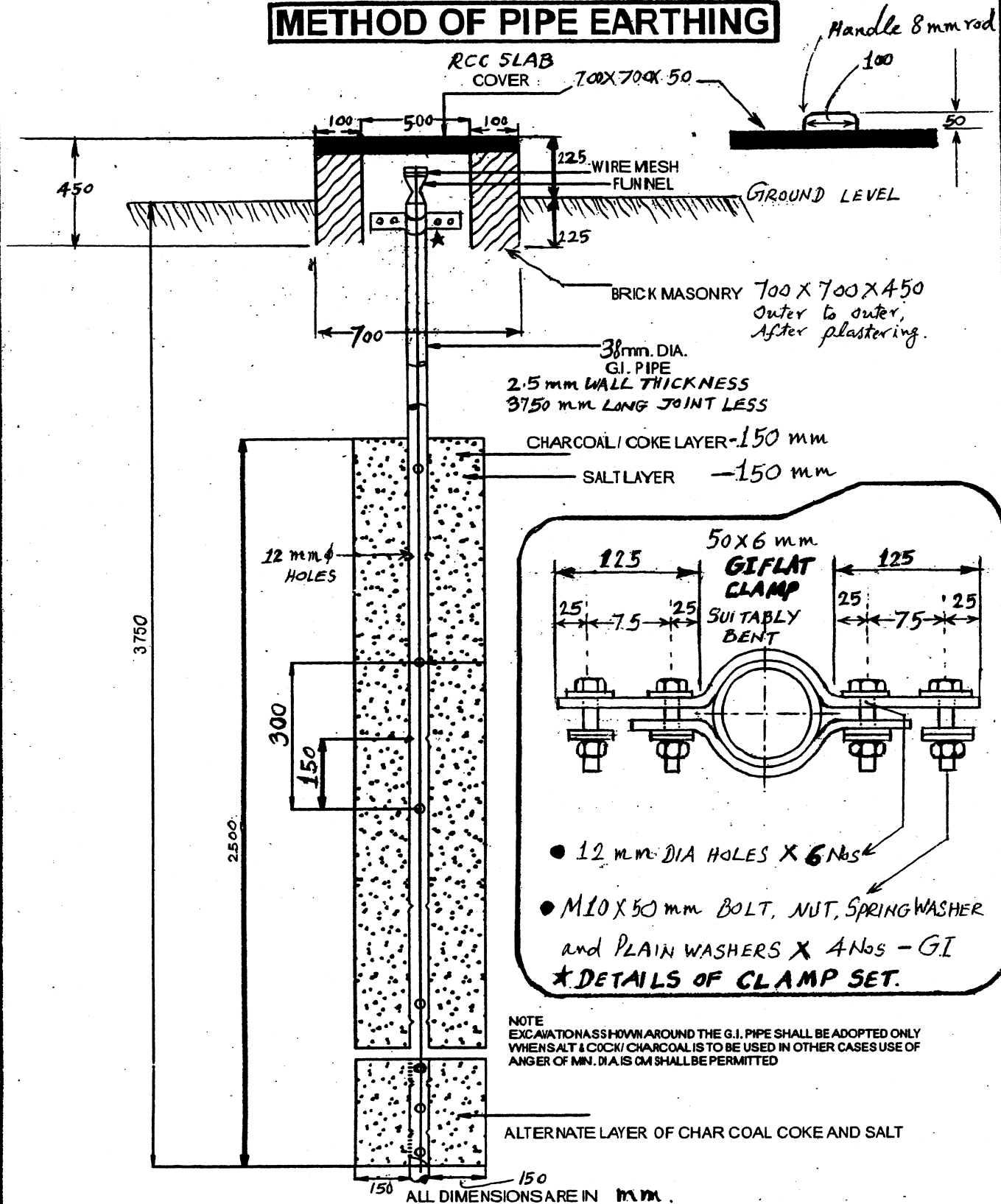


REFERENCE DRAWING No: **BAP: M&S: EL: PLNG: 001-08**

NOT TO SCALE

METHOD OF PIPE EARTHING

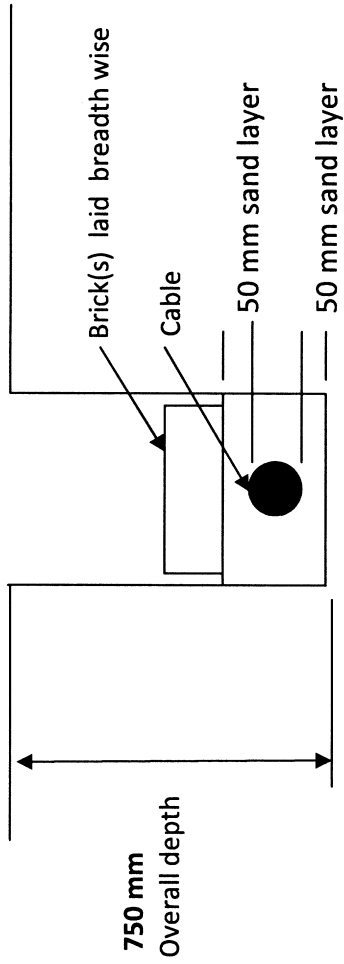


THE EARTH PIT RESISTANCE VALUE HAS TO BE MEASURED & THE RESISTANCE VALUE SHOULD BE NEATLY WRITTEN WITH PAINT ON THE PIT SLAB COVER.

<p>W. N. (N.A. NARASIMHAN)</p>	<p>M. V. Ramana Murthy</p>	<p><i>[Signature]</i></p>
<p>PREPARED BY</p>	<p>CHECKED BY</p>	<p>APPROVED BY</p>

1 IF CABLE / CABLES HAS TO BE LAID IN GROUND THE FOLLOWING SPECIFICATIONS SHOULD BE FOLLOWED.

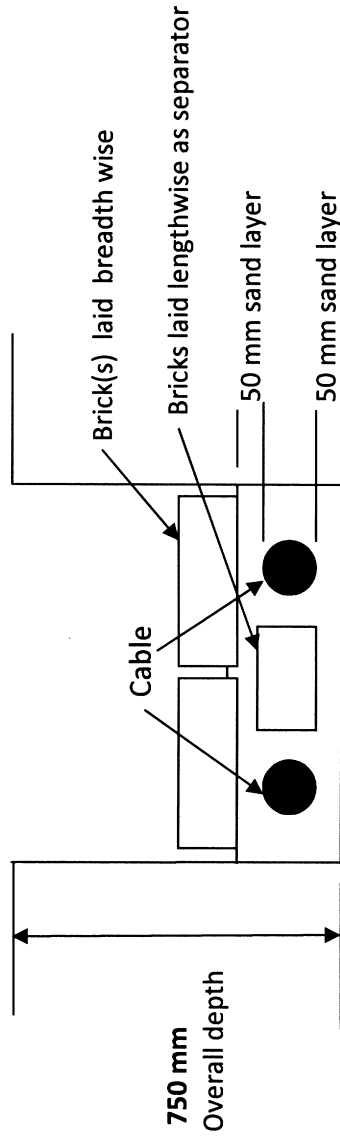
A For LOW TENSION cable SINGLE run



For ONE run of cable : The trench should be excavated to a depth, such that the cable will be laid at a **minimum depth of 750 mm** as shown above. Spread 50 mm deep layer of sand below the cable in trench, after laid the cable, also spread 50 mm deep layer of sand above the cable. Lay good quality bricks **breadth wise** only and cover the sand layer all along the cable / trench. Then complete the earth filling. The bricks shall be of good quality with size 100 mm x 75 mm x 225 mm.

B If MORE than ONE cable :

For LOW TENSION cables DOUBLE run (or) more the cables shall be laid as shown below:



The cables should be laid in horizontal plane. The trench should be excavated to a depth and breadth, such that the cables will be laid at a **minimum depth of 750 mm in horizontal plane** as shown above. Spread 50 mm deep layer of sand below the cables. Lay the cables in horizontal plane & place **good quality bricks** in between them **length wise continuously** all along the cable / trench. Further sand filling to be done for 50 mm over the cables.

Lay **good quality bricks breadth wise** only and cover the sand layer all along the cable / trench. Then complete the earth filling. The bricks shall be of good quality with size 100 mm x 75 mm x 225 mm.