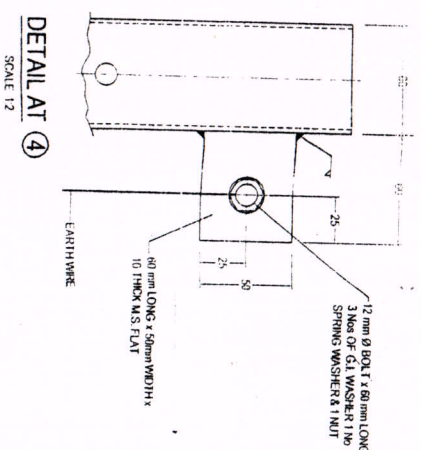
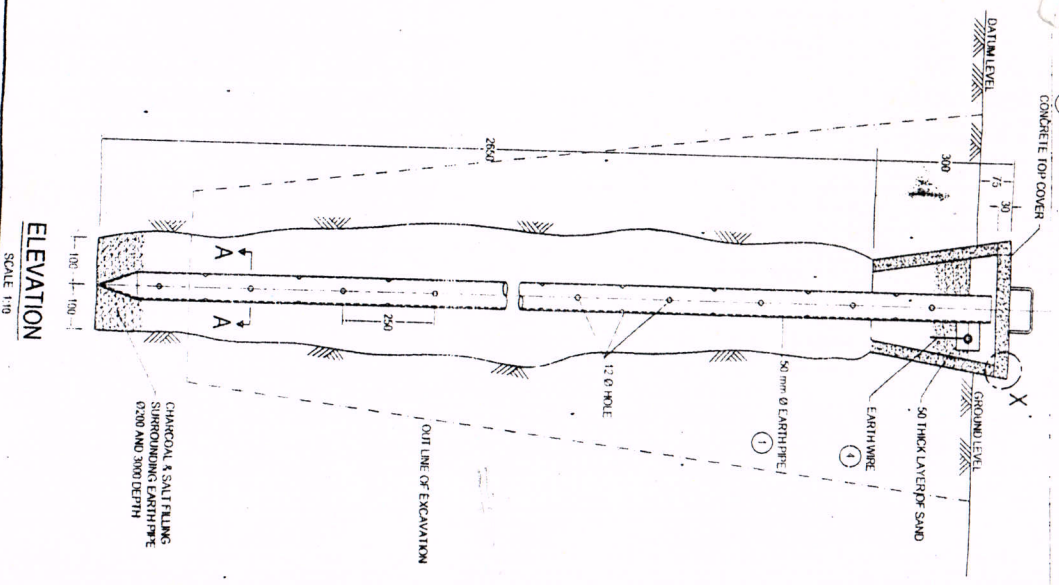


NOTE

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. TUBE DIMENSION : 50 mm NOMINAL BOTE CLASS HEAVY AS PER IS:1239
3. EXCAVATION AND COLE FILLING SHOULD BE DONE ONLY IN ROCKY SOIL OR SOIL OF LOW CONECTIVITY IN ORDINARY SOFT SOIL. THE PIPE WILL BE DRIVEN VERTICALLY IN TO THE GROUND.
4. CHARCOAL FILLING TO BE IN THE FORM OF A CYLINDER Ø 200 mm SURROUNDING THE PIPE.
5. CEMENT CONCRETE MIX SHALL BE OF M:1:50 GRADE AS PER IS: 456.
6. IF SPECIFIED EARTH RESISTANCE CANNOT BE OBTAINED WITH ONE EARTHING STATION, EARTHING STATIONS IN MULTIPLE, SPACED AT A MINIMUM DISTANCE OF 10 m AND INTER-CONNECTED TOGETHER MAY BE ADOPTED.
7. EARTH PIPE TO BE GALVANISED AFTER FABRICATION.
8. EARTH BOX SHALL BE PRECAST EITHER AT DEPOT OR AT SITE AND THEN INSTALLED IN POSITION.
9. THIS DRAWING IS BASED ON R.D.S.C. DRAWING NO. ET/NOE/PT/020 SUB: EARTHING STATION & IS 3043.



SOUTHERN RAILWAY		DESIGN	K. RAJAKUMARAN
EARTHING		DRAWN	CHD
ARRANGEMENT		APPD	
		SCALE	AS SPECIFIED
		STANDARD	
		DATE	
OFFICE OF CHIEF ELECTRICAL ENGINEER		DRAWING NO.	EL/PT/TYPE-1022
CHENNAI-3			

Approved
21/1/18