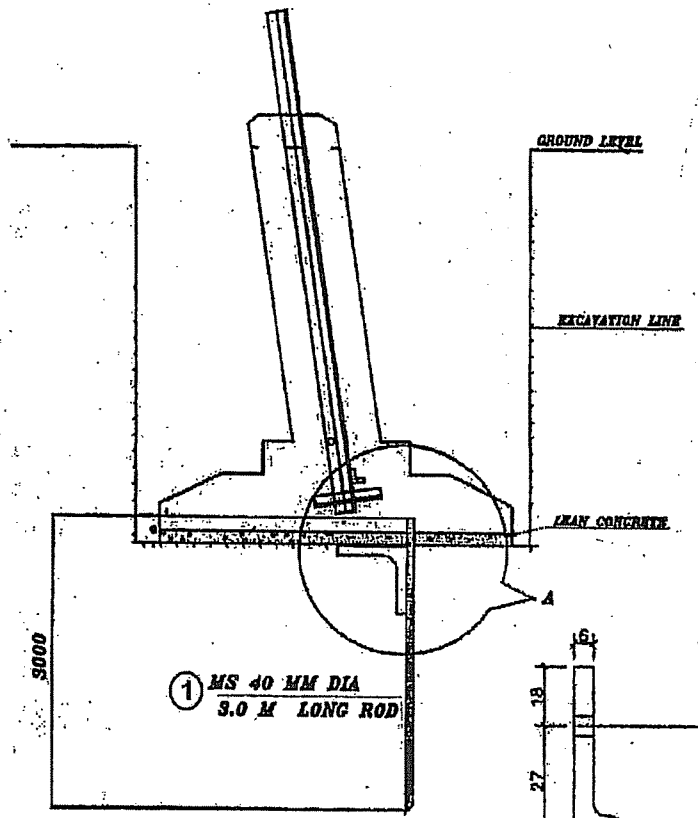
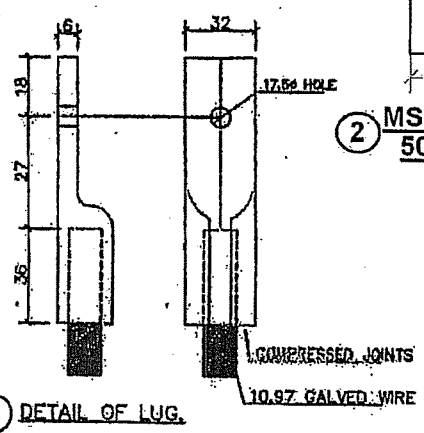
Sr No	Size	Qty/ TWR
1	M16x40	1
2	16mm Dia 3.5mm Thk SP Washer	1

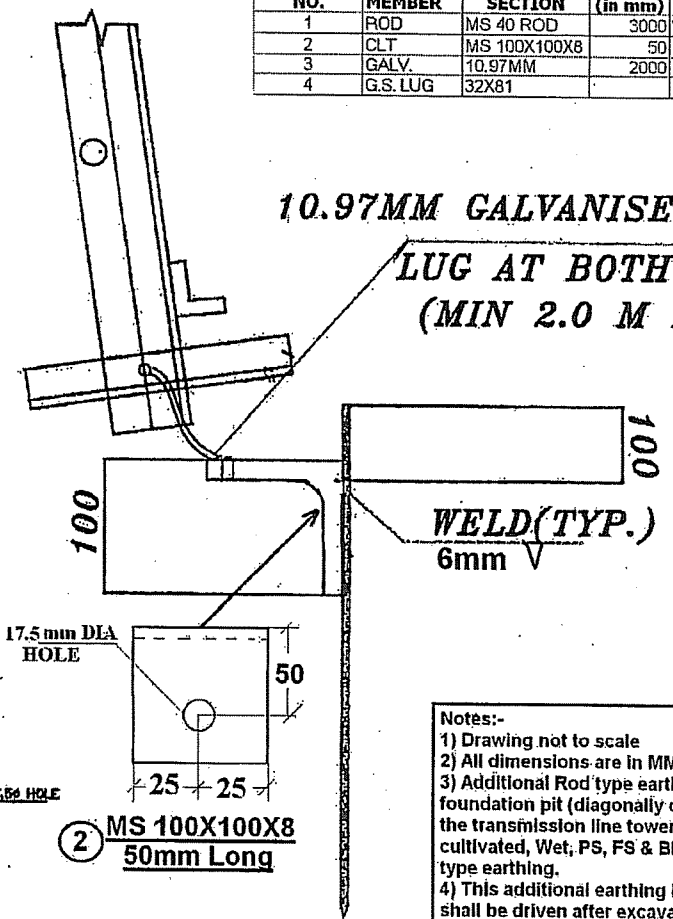
MARK NO.	MEMBER	SECTION	LENGTH (in mm)	Req/set	Remark
1	ROD	MS 40 ROD	3000 @	1	IS:2062-2011 Gr.250A
2	CLT	MS 100X100X8	50	1	(DESIGNATED YIELD-250MPa)
3	GALV.	10.97MM	2000	1	
4	G.S. LUG	32X81		2	



1 MS 40 MM DIA 3.0 M LONG ROD



4 DETAIL OF LUG.



10.97MM GALVANISED WIRE WITH G.S LUG AT BOTH END (MIN 2.0 M LENGTH) 3

WELD(TYP.) 6mm

2 MS 100X100X8 50mm Long

DETAIL A

Notes:-
1) Drawing not to scale
2) All dimensions are in MM unless otherwiss stated.
3) Additional Rod type earthing shall be provided in one of the foundation pit (diagonally opposite to pipe type earthing) of all the transmission line towers in normal soil (i.e.Dry, Wet cultivated, Wet, PS, FS & Black Cotton soil) in addition to pipe type earthing.
4) This additional earthing MS Rod of 40 mm dia & 3.0 M length shall be driven after excavation of foundation pit and connected to stub cleat.
5) Hot dip galvanising after welding

POWER GRID CORPORATION OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

REVISION					CLEARED BY		
REV. No	DESCRIPTION	ISSUED BY	DATE	SIGN	DATE	SIGN	
			CLEARED BY		CHKD	CHKD	DSN

PROJECT: TRANSMISSION LINE

TITLE: STANDARD ROD TYPE EARTHING

SCALE N.T.S. | DRAWING NO:CC:ENGG/TL: STD/ROD/EARRH/001 | REV. 0