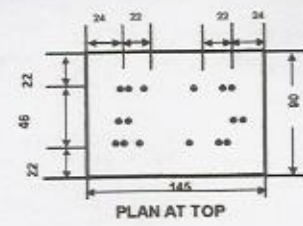
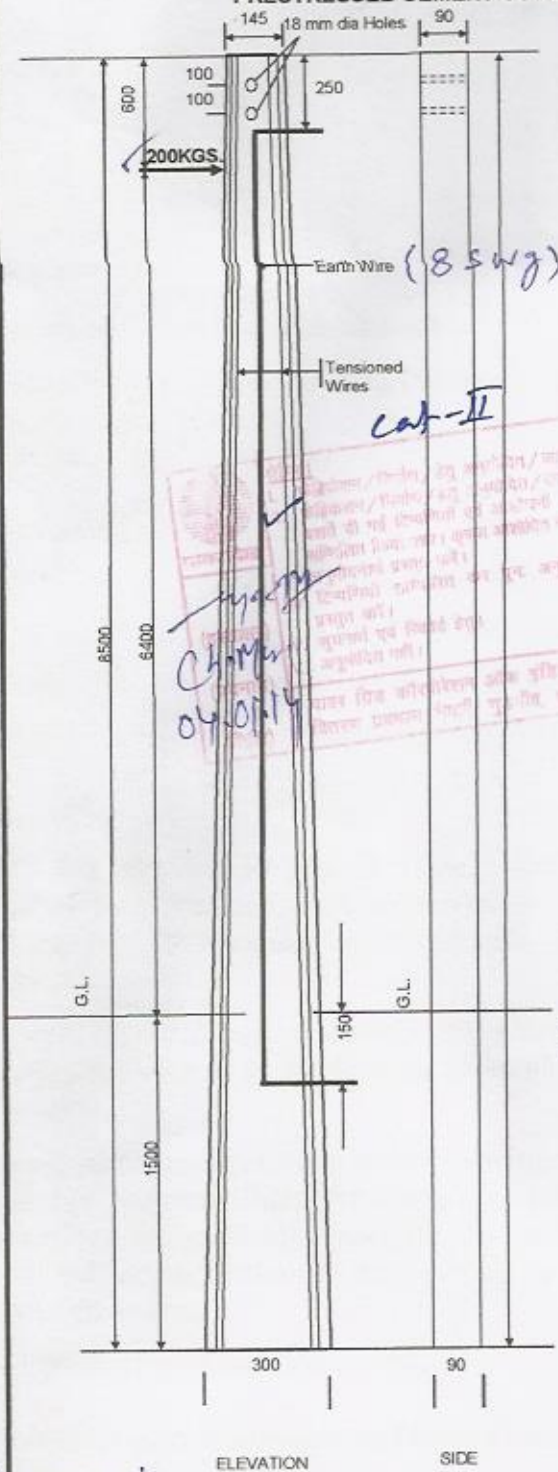
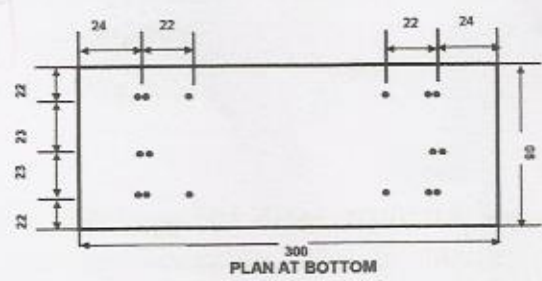
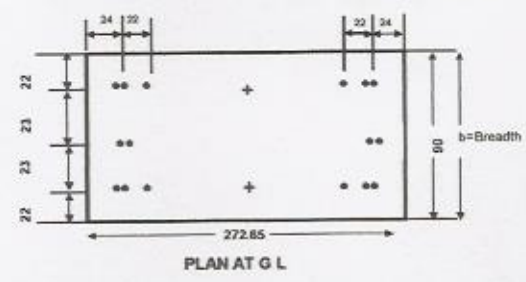


**REINFORCEMENT DETAILS OF 8.5M/200KG
PRESTRESSED CEMENT CONCRETE POLES (FACTOR OF SAFETY = 2.5)**



All dimensions are in mm
Provide lifting eye hook at 1/4th distance from top and 1/5th from the bottom.



Location of holes as per REC Standards
• Denotes Tensioned Wire

+ Possible Position of Earth Wire
Planting depth shall be marked round the pole in black [50mm width]

TECHNICAL GUARANTEE PARTICULARS OF 8.5mtr/200KG WORKING LOAD

SECTION: A) TOP	145 X 90 MM
B) BOTTOM	300 X 90 MM
QUANTITY OF CONCRETE	0.170 M ³
CONCRETE GRADE	M-40 ✓
OVERALL LENGTH SUPPORT	8.5 MTR
PLANTING DEPTH	1.5 MTR
DIA METER OF PRESTRESSING WIRE	4 MM ✓
NUMBER OF TENSIONED WIRES	16 NOS ✓
PRE-TENSIONED APPLIED TO EACH 4MM WIRE	1750KGS
MINIMUM CUBE STRENGTH OF CONCRETE AT 28 DAYS	400 KG/CM ²
CLEAR COVER	20 MM ✓
FACTOR OF SAFETY	2.5 ✓
WORKING LOAD	200 KGS ✓
ULTIMATE LOAD	500 KGS ✓
WEIGHT OF POLE (THEORITICAL)	425 KGS
LOAD APPLICATION AT A POINT FROM THE TOP	600 MM
ULTIMATE TENSION STRENGTH FOR 4MM WIRE	17500KG/CM ² ✓

Poles shall conform to IS 1678.

Marking details

- Month and year of manufacture.
- Transverse strength of pole in kg
- Marker SL No and Mark
- "RGGVY-XI" Marking

MANCHUKONDA PRAKASHAM INDUSTRIES INDIA PVT LTD
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Tel: 040-44507070, Fax: 040-23352543
Email: www.manchukonda.com

	JAS-ANZ
Approved Company	

Owner:	Purvanchal Vidyut Vitaran Nigam Ltd.
Client:	Power Grid Corporation of India Ltd., Gurgaon
Project:	Implementation of RGGVY in Deoria district of Uttar Pradesh
LOA No.:	CC-CS/424-NR1/REW-2252/3/G6/NOA-II/4852 DTD. 3-JAN-2014
Contractor:	Godrej & Boyce Mfg. Co. Ltd., Mumbai

Drp. No. - RE-PGCTL-GEN-001

