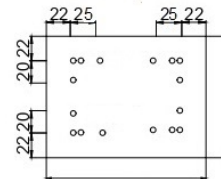
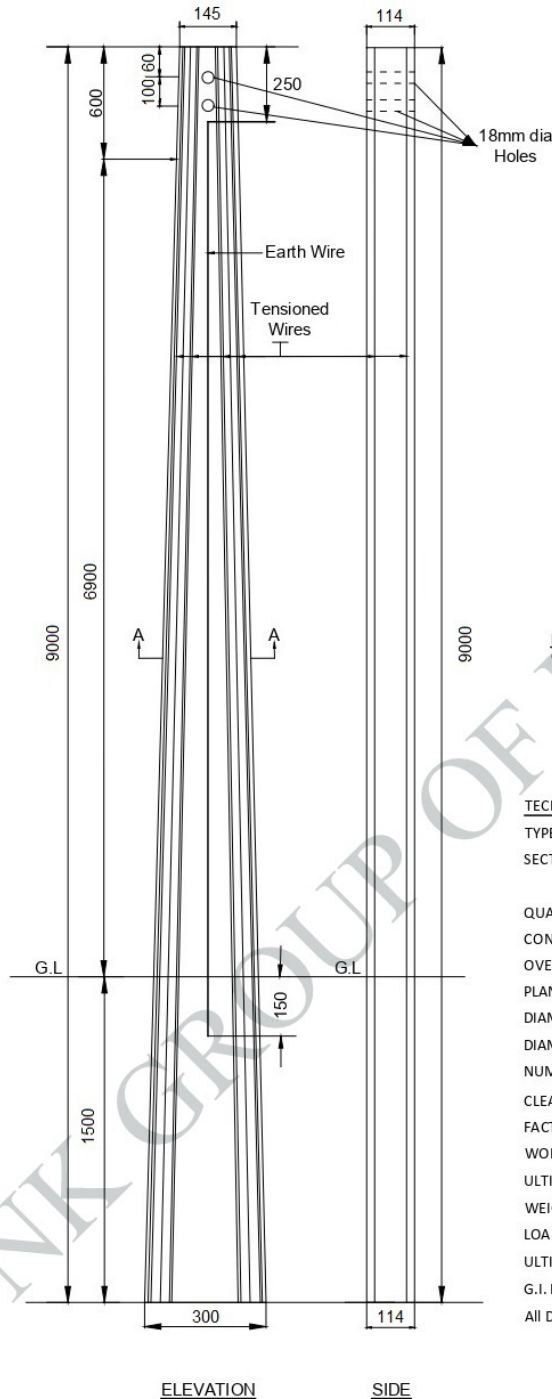
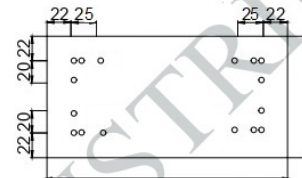




REINFORCEMENT DETAILS OF 9.0M / 200KG PRESTRESSED CEMENT CONCRETE POLES (FACTOR OF SAFETY = 2.5)



PLAN AT TOP



PLAN AT BOTTOM

LOCATION OF POLES AS PER REC STANDINGS
O DENOTES TENSIONED WIRE

TECHNICAL GUARANTEE PARTICULARS 9.0M / 200 KG WORKING LOAD

TYPE OF POLE	: FLAT
SECTION:	A) TOP : 145 x 114 mm
	B) BOTTOM : 300 x 114 mm
QUANTITY OF CONCRETE	: 0.228 M ³
CONCRETE GRADE	: M-45
OVERALL LENGTH SUPPORT	: 9.0 m
PLANTING DEPTH	: 1.5 m
DIAMETER OF PRESTRESSING WIRE	: 4 mm
DIAMETER OF G.I. WIRE	: 4 mm
NUMBER TENSIONED WIRES	: 16 no's
CLEAR COVER	: 22 mm
FACTORY OF SAFETY	: 2.5
WORKING LOAD	: 200 kg
ULTIMATE LOAD	: 500 kg
WEIGHT OF POLE (THEORETICAL)	: 560 kg
LOAD APPLICATION AT A POINT FROM THE TOP	: 600 mm
ULTIMATE TENSION STRENGTH FOR 4MM WIRE	: 17500 kg/cm ²
G.I. EARTH WIRE 8SWG	: 1 no
All Dimensions are in mm.	NOT TO SCALE