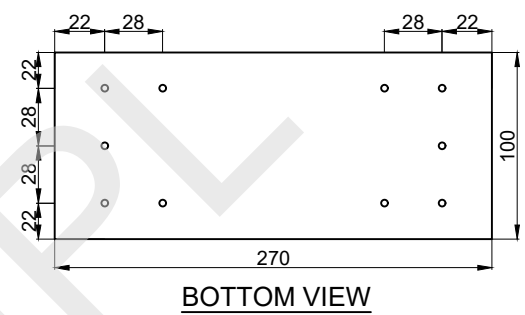
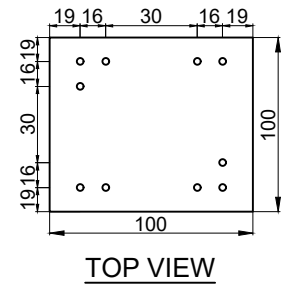


REINFORCEMENT DETAILS OF 8.0M/140KG

PRESTRESSED CEMENT CONCRETE POLES (FACTOR OF SAFETY = 2.5)



○ Denotes Tensioned Wire

TECHNICAL GUARANTEE PARTICULARS 8.0M/140kg WORKING LOAD

TYPE OF POLE	: FLAT
SECTION:	A) TOP : 100 X 100 mm
	B) BOTTOM : 270 X 100 mm
QUANTITY OF CONCRETE	: 0.148 m ³
CONCRETE GRADE	: M-42
OVERALL LENGTH SUPPORT	: 8.0 m
PLANTING DEPTH	: 1.5 m
DIAMETER OF PRESTRESSING WIRE	: 4 mm
DIAMETER OF G.I. WIRE	: 4 mm
NUMBER TENSIONED WIRE	: 10 no's
MINIMUM CUBE STRENGTH OF CONCRETE AT 28 DAYS	: 420 kg/cm ²
CLEAR COVER	: 20 mm
FACTORY OF SAFETY	: 2.5
WORKING LOAD	: 140 kg
ULTIMATE LOAD	: 350 kg
WEIGHT OF POLE (THEORETICAL)	: 385 kg
LOAD APPLICATION AT A POINT FROM THE TOP	: 600 mm
ULTIMATE TENSION STRENGTH FOR 4MM WIRE	: 17500 kg/cm ²
LINE VOLTAGE	: 11 KV - HT & LT Lines
G.I. EARTH WIRE 8SWG	: 1 no
ALL DIMENSIONS ARE IN mm	NOT TO SCALE