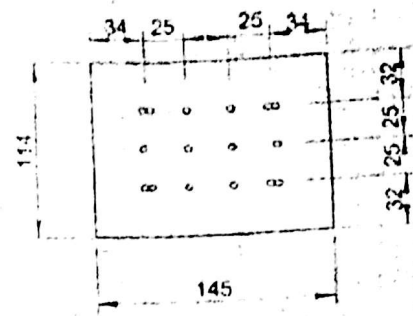
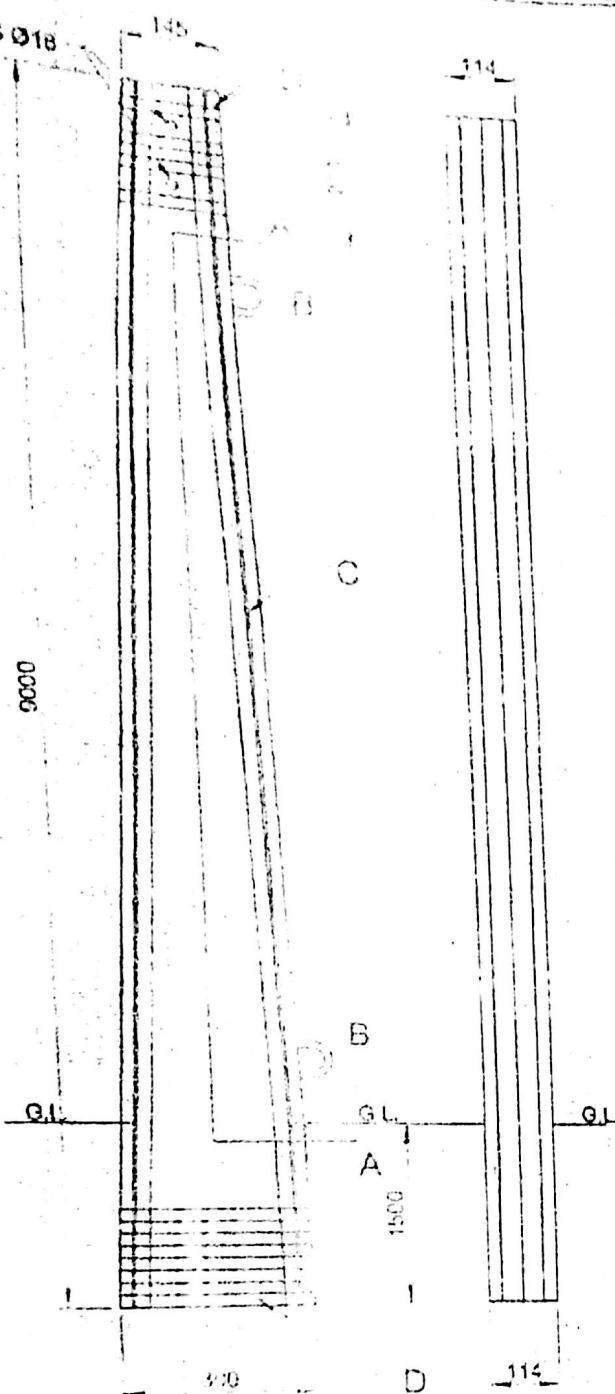
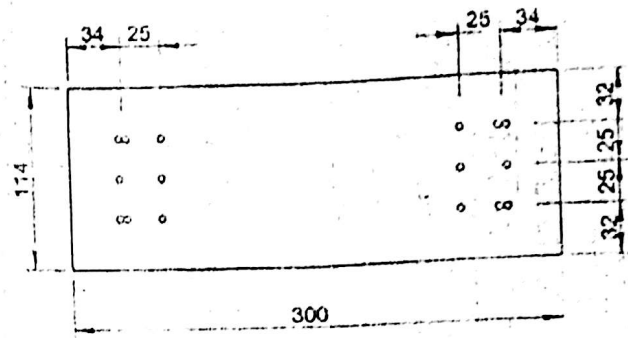


# DRAWING OF 9 MTR LONG P.C.C. POLE WITH WORKING LOAD 200 KG.

TN-1463



VIEW FROM TOP



VIEW FROM BOTTOM

TECHNICAL DATA	
FACTOR OF SAFETY	2.5
CONCRETE GRADE	M-45
DIA OF PRESTRESSING WIRE	4 mm
ULTIMATE TENSILE STRENGTH	17500 Kg/cm <sup>2</sup>
NO. OF TENSIONED WIRE	16
CONCRETE QUANTITY PER POLE	0.228 M <sup>3</sup>
STEEL QUANTITY PER POLE	14.40 Kg
WEIGHT OF POLE (APPROX.)	545 Kg (approx.)
CONCRETE COVER	30 mm - 2 mm

- A. G.I. WIRE OF 4mm DIA WITH A PROJECTION OF 100 mm AT 250mm FROM TOP & 150mm BELOW GROUND LEVEL.
  - B. 2 NOS. OF EYE HOOK OF 12mm DIA M.S. ROUND HAVING INTERNAL DIA OF 40mm AT 2.25 M FROM TOP AND 1.8 M FROM BOTTOM.
  - C. 16 NOS. OF 4mm DIA PRESTRESSING WIRES TENSIONED.
  - D. 8 NOS. OF 4mm DIA PRESTRESSING WIRES OR 4 NOS. OF 6mm DIA M.S. ROUND RINGS ON BOTH ENDS WITH MINIMUM INTERSPACING OF 20mm & 30mm RESPECTIVELY.
  - E. 2 HOLES OF 18mm DIA AT 60mm & 160mm FROM TOP ON LONGITUDINAL FACE OF POLE (BROAD FACE).
- ALL MARKINGS SHOULD BE ENGRAVED ON TRANSVERSE FACE OF POLE.

TN-1463

Design Engineer: *[Signature]*
  
 Check Engineer: *[Signature]*

ALL DIMENSIONS ARE IN MM  
DRAWING NOT TO SCALE

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