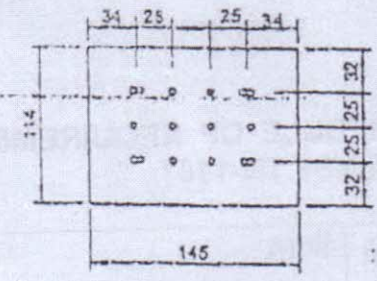
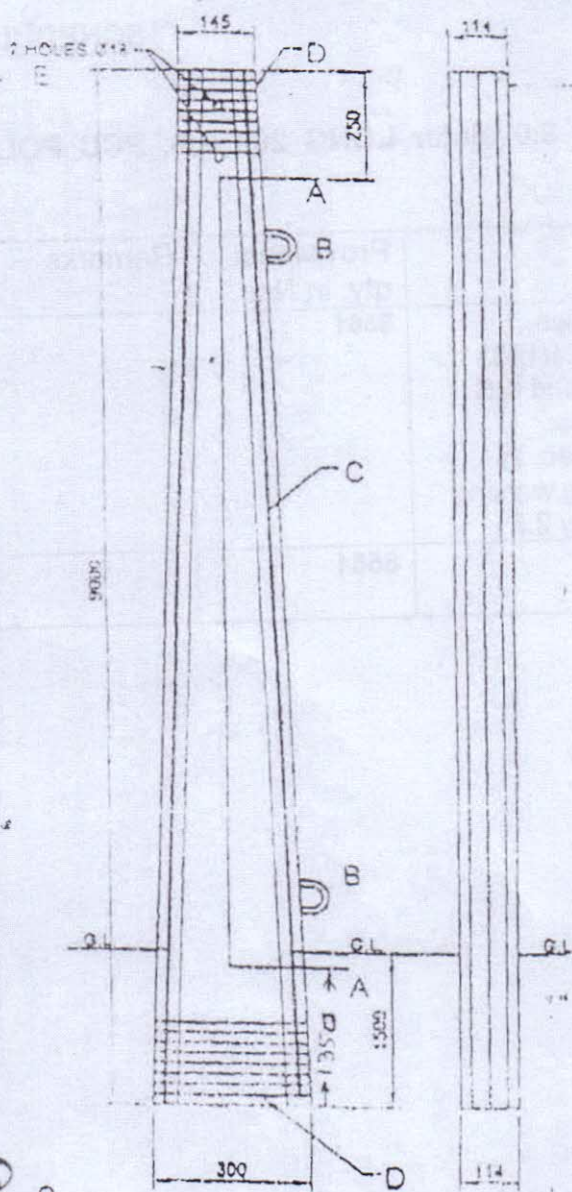
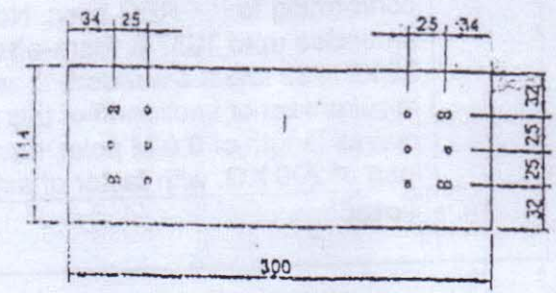


**DRAWING OF 9 MTR. LONG P.C.C. POLE WITH WORKING LOAD 200 KG.**



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	18
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 12 mm DIA M.S. ROUND HAVING INTERNAL DIA OF 40mm AT 2.25 M FROM TOP AND 1.8 M FROM BOTTOM.
- C. 18 NOS. OF 4mm DIA H.T. WIRES TENSIONED.
- D. 8 NOS. OF 4mm DIA H.T. 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 & 150mm FROM TOP ON LONGITUDINAL FACE OF POLE (BROAD FACE).
- F. MAX. INITIAL TENSION IN WIRE SHOULD NOT EXCEED 80% OF ITS ULTIMATE TENSILE STRENGTH
- G. ALL MARKING SHOULD BE ENGRAVED ON TRANSVERSE FACE OF POLE.

ALL DIMENSIONS ARE IN MM. DRAWING NOT TO SCALE.

**JODHPUR VIDYUT VITRAN NIGAM LTD.**

A samp of 20-40 mm shall be painted on three sides of the pole at a plenty depth (1.5 m to 2 m from top) with oil paint of black colour.

GENERALLY APPROVED SUBJECT TO THE OBSERVATION MADE BY THE AENVA. DATE: 4 DEC 2010