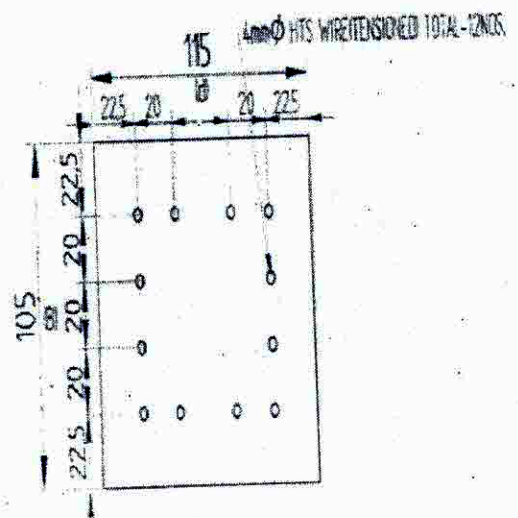
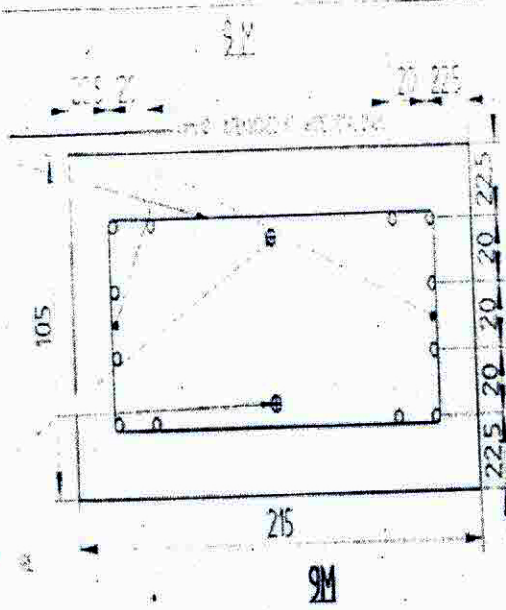
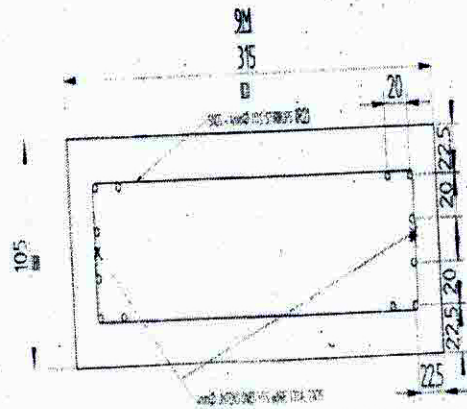


SECTION AT BOTTOM  
SCALE



**TABLE**

LENGTH OF POLE IN CM	DEPTH OF PLANTING IN MM	IF IN MM	Y IN MM	Z IN MM	NUMBER OF TENSIONED HTS WIRE	NUMBER OF UNTENSIONED 4MM DIA HTS WIRE	LENGTH OF EACH UNTENSIONED HTS WIRE IN CM	GRADE OF CONCRETE	QUANTITY OF CONCRETE IN M <sup>3</sup>	APPROX. WEIGHT OF POLE IN KG	WORKING LOAD IN KG	F.O.S. AGAINST BREAK	F.O.S. ON ULTIMATE LOAD
9M	1500	315	115	105	12	2	447	M42	0.203	48	200	1	2.5

- NOTE:**
- THIS DESIGN IS AS EVOLVED AND TESTED BY THE CEMENT RESEARCH INSTITUTE OF INDIA AND IS RECOMMENDED FOR ADOPTION BY THE RURAL ELECTRIFICATION CORPORATION LTD
  - MANUFACTURE, TESTING AND HANDLING OF THESE POLES ARE TO BE DONE IN CONFORMITY WITH THE FOLLOWING CODES
    - IS - 1343/80
    - IS - 1678/98
    - IS - 2505/89
    - IS - 7321/74
    - REC MANUAL 15/79 PART III
  - THE MAXIMUM PRETENSION IN 4MM DIAMETER HTS WIRE IS 1750KG
  - UNTENSIONED HTS WIRE SHOULD BE HELD IN POSITION BY MEANS OF SUITABLE HTS STRIPPERS
  - NECESSARY HOLES MAY BE PROVIDED AT THE TOP OF 9M POLES FOR FIXING POLE TOP BRACKET. USE 4MM DIA HTS HELICAL REINFORCEMENT AT TOP
  - ALL DIMENSIONS SHOWN IN CROSS SECTION ARE IN MILLIMETRES
  - WHEN CASTING IS DONE IN VERTICAL TYPE MULTIPLE MOULDS, THE UNTENSIONED HTS WIRES MAY BE HELD IN POSITION BY TYING TO BE CLOSE LOOPED STRIPPERS OF 4MM HTS WIRE (SPOT WELDED OR LAP JOINTED) RUNNING OVER THE TENSIONED WIRES
  - POSITION OF EARTH WIRE