



NOTE:

1. WORKING LOAD 400KG ACTING AT 600MM BELOW THE TOP OF THE POLE.
2. FACTOR OF SAFETY = 2.0.
3. DEPTH OF PLANTING BELOW G.L. = 1500MM.
4. H.T. WIRE USED 20 NOS. 4MM DIA. HAVING A MINIMUM TENSILE STRENGTH OF 1715 N/SQ.MM AS PER IS 6003.
5. PRETENSION TO BE APPLIED 4MM ϕ H.T. WIRE EQUAL TO 1758 KG.
6. 20MM THICK CAPPING WITH 1:2 CEMENT MORTAR OR 3 COAT BLACK ANTI CORROSIVE BITUMINOUS PAINT TO BE PROVIDED AT THE ENDS OF THE POLE.
7. 4MM DIA. H.T. WIRE STIRRUPS ARE TO BE PLACED @ 150MM C/C FOR THE DISTANCE OF 600MM FROM THE TOP & BOTTOM. IN REMAINING CENTRAL POSITION ANOTHER 6NOS. STIRRUPS SHALL BE PLACED IN EQUAL SPACING. TOTAL STIRRUPS EQUAL TO 16NOS.
8. GRADE OF CONCRETE IS M42.
9. ALL DIMENSIONS ARE IN MM.
10. THIS HAS REFERENCE TO THE RESOLUTION OF STANDARDIZATION COMMITTEE MEETING HELD ON 27.02.2018

(Signature)

(B.L. Meghwal)
Assistant Engineer (O&M)
AVVNL Rawatbhata

REVISIONS		DISTRIBUTION HQ.	
		PLANNING AND ENGINEERING DEPARTMENT	
DETAILS OF 9MTR. X 400KG SOLID P.C.C. POLE			
DRAWN BY :	<i>B.L. Meghwal</i> 09.03.18 A.E.(C)		DRAWING NO. PLN(D)/SS/124
DESIGNED BY :	<i>B.L. Meghwal</i> 09.03.18 A.E.(C)		
CHECKED BY :	<i>B.L. Meghwal</i> 09.03.18 D.E.(C)	SCALE : N.T.S	SHEET NO. 1 OF 1
RECOMMENDED BY :	<i>A. Meghwal</i> 09.03.18 ADDL. C.E.-II (P & E - Dist.)	DATE : 09.03.2018	REV NO. 0
APPROVED BY :	<i>B.L. Meghwal</i> 09/3/18 C.E. (P & E - Dist.)		