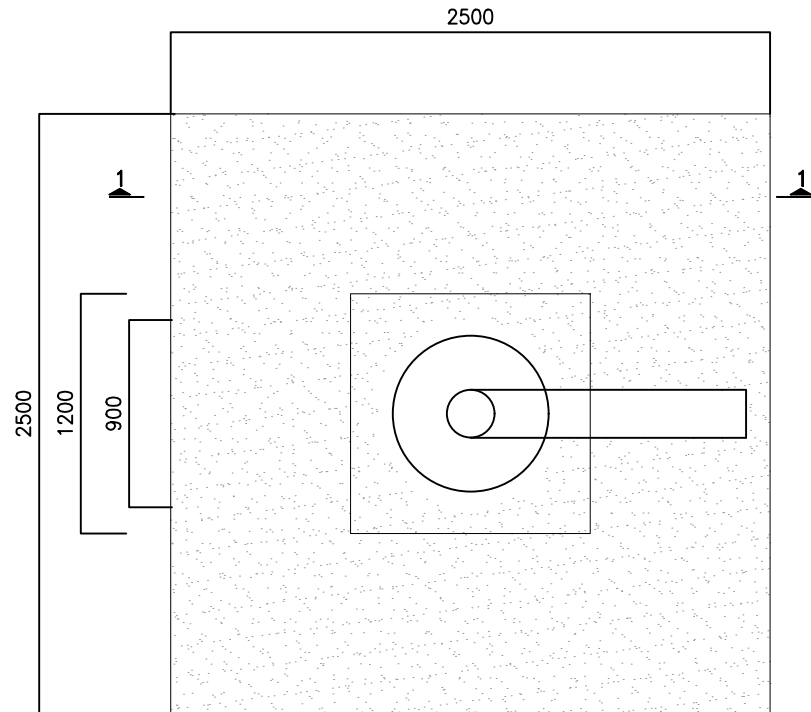
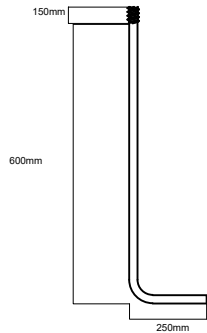
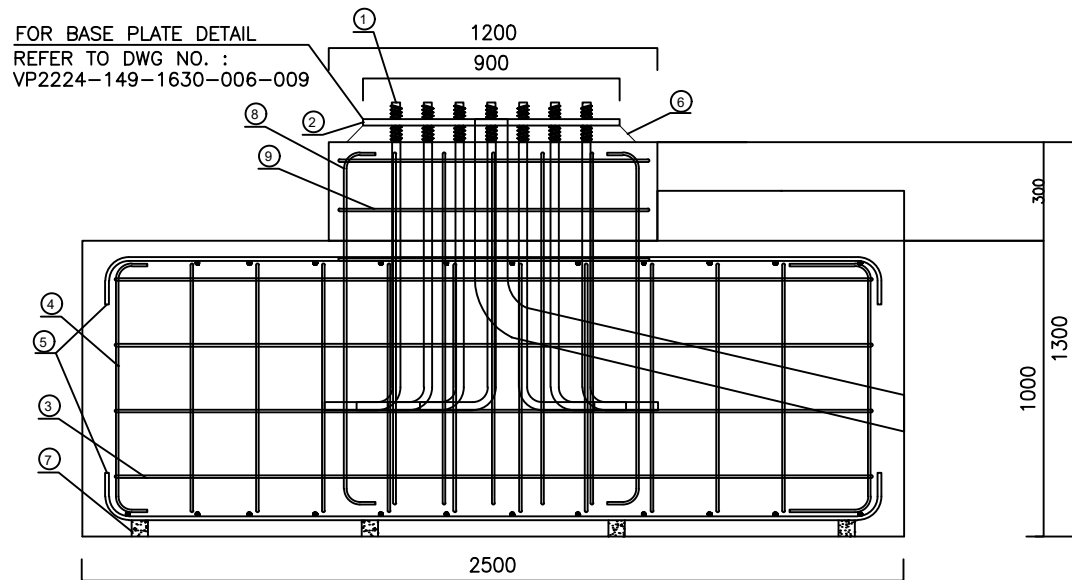




FOUNDATION FRAMEWORK PLAN
Sc. 1:100 STREET LIGHTING POLE FOUNDATION
WITH 25 m HEIGHT



FOUNDATION SECTION 1-1
Sc. 1:100 STREET LIGHTING POLE FOUNDATION
WITH 25 m HEIGHT

NOTES FOR FOUNDATION :

- 1-DRY DENSITY OF SOIL IS ASSUMED $\gamma = 1.9 \pm 10 \text{ (kg/cm}^3\text{)}$
- 2-SOIL BEARING CAPACITY ASSUMED IN DESIGN IS EQUAL TO 4 kg/cm²
- 3-IF SOIL PROPERTIES ARE LOWER THAN ABOVE VALUE CONSULTANT DESIGNER SHALL BE ANNOUNCED BEFORE CONSTRUCTION WORK .
- 4-ALL REINFORCING BARS SHALL BE DEFORMED HIGH TENSILE STRENGTH STEEL BARS GRADE AIII, WITH A MINIMUM YIELD STRESS OF $F_y = 4000 \text{ kg/cm}^2$
- 5-MINIMUM COMPRESSIVE STRENGTH OF CONCRETE MIX SHALL BE $R_c = 400 \text{ kg/cm}^2$ AT 28 DAYS .

No.	Explanation
1	Bolt : 12 M25
2	Base Plate $\varnothing$ 900 mm Th.= 25 mm
3	Shear Rebar : $\varnothing$ 10 @200
4	Longitudinal Rebar : (31 $\varnothing$ 18 L= 1500mm) Longitudinal Rebar :+(17 $\varnothing$ 18 L=1400mm CHEMICAL BOLT)
5	Iron Mesh Each side : 2X13 $\varnothing$ 25 L=295 cm
6	GROUT (SHOULD BE TYPE G2 NON-SHRINKAGE CEMENT)
7	Bar Support (Cont.)
8	Longitudinal Rebar :20 $\varnothing$ 25 L=1800 mm
9	Shear Rebar : $\varnothing$ 10 @150 TIE AND HOOP

REFERENCE DRAWINGS	DWG. No.

NOTE

LEGENDS

	CONCRETE
	LEAN CONCRETE
	VIRGIN SOIL

B.P. THK. PROJ. DIA.	BASE PLATE THICKNESS PROJECTION DIAMETER
-------------------------------	---

REV.	ISSUE DATE	DESCRIPTION	DWN BY	CHKD BY	APPD. BY
PROJECT:					
CLIENT:			FIELD:		
TITLE:					
SCALE NSC	PROJ. NO. :		DWG. NO.		SHEET 1 OF 1 REV. 0