

1 of 1 : No. LITEHS
52L-DFD-KL : No. G.W.MD

ALL DIMENSIONS ARE IN MM

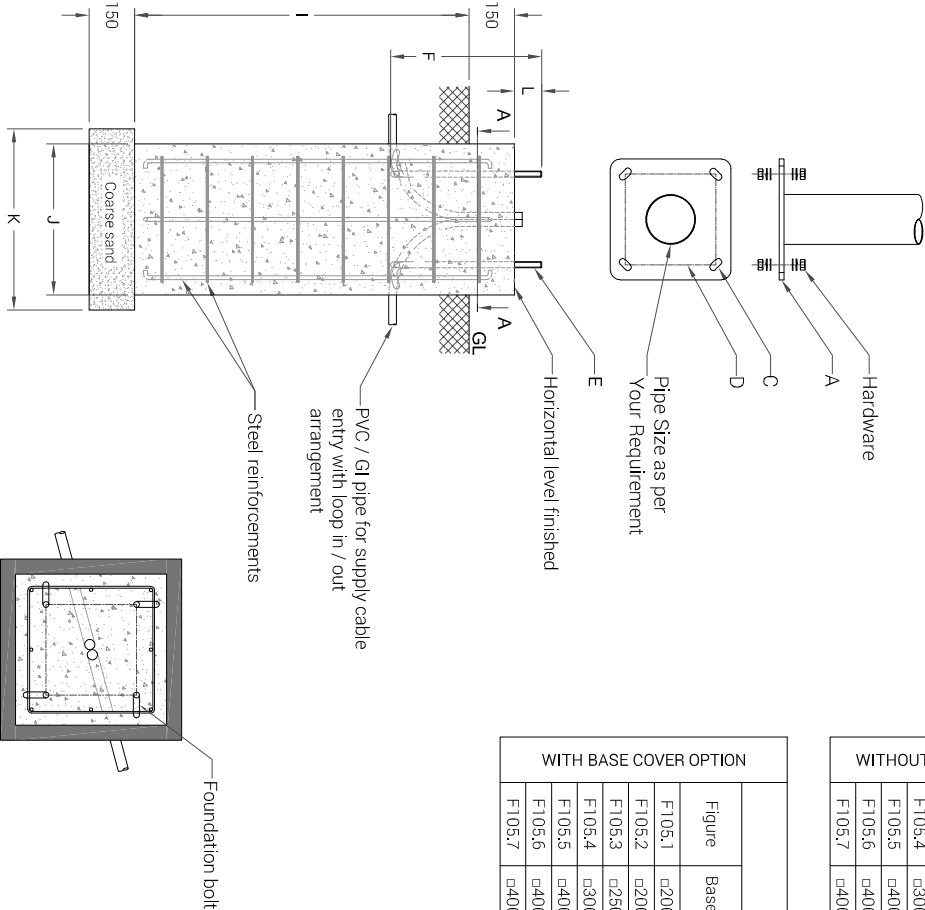
K - LITE STANDARD POLE FOUNDATION DETAILS						
Figure	Base plate (A)	No. of holes/ bolts (C)	CC (D)	Foundation bolt projection height (L)	Bolt (E)	RCC Height below GL / Digging depth (I)
F105.1	ø200 x 12thk	4	140	75	M16	300
F105.2	ø200 x 12thk	4	140	75	M16	500
F105.3	ø250 x 12thk	4	180	75	M16	500
F105.4	ø300 x 16thk	4	215	90	M20	500
F105.5	ø400 x 16thk	4	300	90	M20	500
F105.6	ø400 x 16thk	4	300	90	M20	700
F105.7	ø400 x 16thk	4	300	125	M24	1000

K - LITE STANDARD POLE FOUNDATION DETAILS						
Figure	Base plate (A)	No. of holes/ bolts (C)	CC (D)	Foundation bolt projection height (L)	Bolt (E)	RCC Height below GL / Digging depth (I)
F105.1	ø200 x 12thk	4	140	75	M16	300
F105.2	ø200 x 12thk	4	140	75	M16	500
F105.3	ø250 x 12thk	4	180	75	M16	500
F105.4	ø300 x 16thk	4	215	90	M20	500
F105.5	ø400 x 16thk	4	300	90	M20	500
F105.6	ø400 x 16thk	4	300	90	M20	700
F105.7	ø400 x 16thk	4	300	125	M24	1000

Note:

- This is a typical foundation drawing provided for reference purposes only. K-Lite Industries Pvt. Ltd. shall not be held liable for the structural adequacy, stability, or suitability of the foundation for the specific site conditions.
- Please consult the local structural/site engineer for the detailed foundation design.
- Parameters considered in RCC foundation design :
Load bearing capacity of soil (LBC) : 10 Mt/m² (Minimum)
Grade of steel reinforcement : Fe 415
Grade of foundation bolt : 4.6
- Height of foundation above ground level (150mm) may be revised to suit the site conditions especially considering the expected water level stagnation.
- Template supplied is suggested to be used for locating the CC of foundation bolts.
- 4 Nos. of foundation bolt have to be oriented (located) while casting the foundation such that the door of the electrical junction box face the required direction.
- PVC / GI pipe for entry of supply cable and the materials required for foundation are not scope of our supply.
- Cable entry hole as per base plate size.

Section: A - A



01.	Variable X changed to I	26-10-26	SANKAR		
REV. No.	REVISION DETAILS	DATE	REVISED	CHECKED	APPROVED

DRAWN RSATHISH	CHECKED	APPROVED	DATE 19-09-2026	SCALE 1:40	Z:K - LITE006 FOUNDATION DETAILS.MXD, DFD-125, (F105)KL-DFD-125, REV: 01, (F105)4mg
K-LITE PRIVATE LIMITED CHENNAI-600 058					DETAIL ED FOUNDATION DRAWING FOR F105 SURFACE MOUNTED POLE
K-LITE INDUSTRIES CHENNAI-600 058					DRG. No. KL-DFD-125
					REV. 01 SHEET 1 of 1