IF IN DOUBT ASK. DO NOT SCALE.

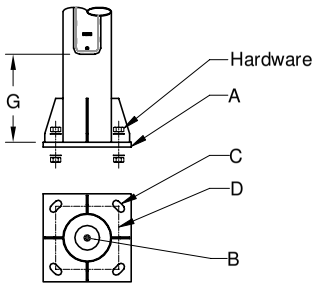
FORMAT No. KL / DS / 40 - 01 (A4L)

ALL DIMENSIONS ARE IN MM

DWG. No. : KP-DFD-111
SHEET No. : 1 of 1

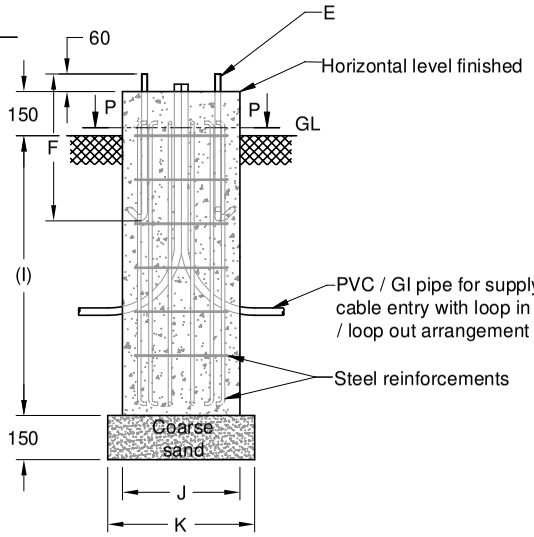
K - LITE STANDARD (S1) POLE FOUNDATION DETAILS

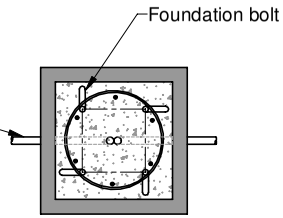
Figure	Pole height	Base plate (A)	Cable entry Hole(B)	No.of holes/ bolts (C)	CC (D)	Bolt (E)	Length (F)	Junction box from base plate (G)	RCC Height below GL / Digging depth (I)	Length of RCC layer (J)	Length of coarse sand layer (K)
KP-51.1	5000	□250 x 12thk	Ø70	4	180	M16	500	300	800	□400	□500
KP-51.2	6000	□250 x 12thk	Ø70	4	180	M16	500	300	1000	□400	□500
KP-51.3	7000	□300 x 16thk	Ø70	4	215	M20	500	300	1000	□400	□500
KP-51.4	8000	□300 x 16thk	Ø70	4	215	M20	500	300	1200	□400	□500
KP-51.5	9000	□300 x 16thk	Ø70	4	215	M20	500	300	1200	□400	□500
KP-51.6	10000	□400 x 16thk	Ø125	4	300	M20	700	300	1500	□500	□600
KP-51.7	11000	□400 x 16thk	Ø125	4	300	M20	700	300	1800	□500	□600
KP-51.8	12000	□400 x 16thk	Ø125	4	300	M24	1000	300	1800	□500	□600



Note :

1. Typical foundation drawing for standard soil condition.
2. Parameters considered in RCC foundation design :
   - Load bearing capacity of soil (LBC) : 10 Mt/m² (Minimum)
   - Basic wind speed : 50 m/s
   - Grade of steel reinforcement : Fe 415
   - Grade of foundation bolt : 4.6
3. Height of foundation above ground level (150mm) may be revised to suit the site conditions especially considering the expected water level stagnation.
4. Template supplied is suggested to be used for locating the CC of foundation bolts.
5. 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.
6. PVC / GI pipe for entry of supply cable and the materials required for foundation are not scope of our supply.





Section: P - P

REV. No.	REVISION DETAILS	DATE	REVISED	CHD	APPD

DRAWN	CHECKED	APPROVED	DATE	SCALE	MATERIAL
THIRUPPATHI			12-06-19	1 : 45	-

Z:\KP\005.FOUNDATION DETAILS\KP - DFD - 111 (KP-51)\REV 00.dwg

K-LITE

K-LITE INDUSTRIES
CHENNAI-600 058

DETAILED FOUNDATION DRAWING FOR KP - 51
SURFACE MOUNTED SWAGED POLE

DRG. NO. KP-DFD-111 | REV 00 | SHEET 1 of 1

DRAFT 18.01.21

THIS DWG SUPERSEDED FROM KP-DFD-51 REV00