

1 to 1 : No. 1 SHEETS
DWG. No. : KP-DFD-111

1 2 3 IF IN DOUBT ASK. DO NOT SCALE. 4 5 6 FORMAT No. KL/DS/40-01 (A4)

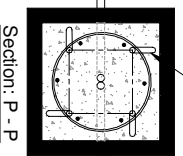
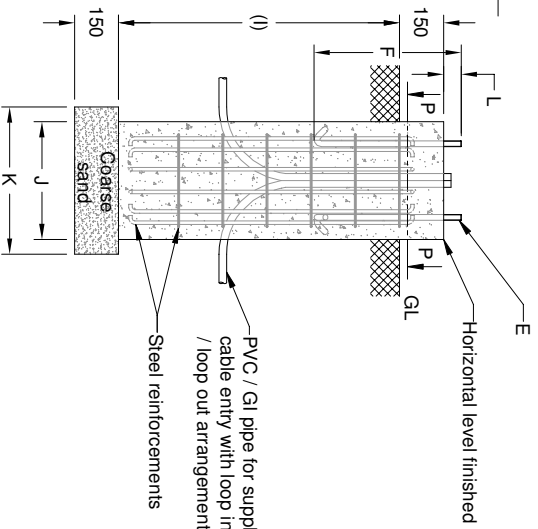
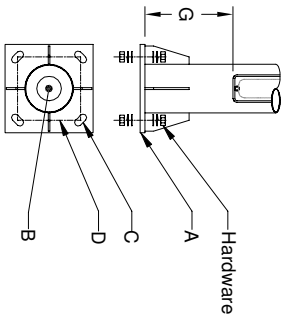
ALL DIMENSIONS ARE IN MM

K - LITE STANDARD (S1) POLE FOUNDATION DETAILS

Figure	Pole height	Base plate (A)	Cable entry Hole(B)	No. of holes/ bolts (C)	CC (D)	Foundation bolt projection height (L)	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 12hk	Ø70	4	180	75	M16	500	300	800	□400	□500
KP-51.2	6000	□250 x 12hk	Ø70	4	180	75	M16	500	300	1000	□400	□500
KP-51.3	7000	□300 x 16hk	Ø70	4	215	90	M20	500	300	1000	□400	□500
KP-51.4	8000	□300 x 16hk	Ø70	4	215	90	M20	500	300	1200	□400	□500
KP-51.5	9000	□300 x 16hk	Ø70	4	215	90	M20	500	300	1200	□400	□500
KP-51.6	10000	□400 x 16hk	Ø125	4	300	90	M20	700	300	1500	□500	□600
KP-51.7	11000	□400 x 16hk	Ø125	4	300	90	M20	700	300	1800	□500	□600
KP-51.8	12000	□400 x 16hk	Ø125	4	300	125	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. 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.



REV. No.	REVISION DETAILS	DATE	REVISED	CHD	APPD

DRAWN THIRUPATHI	CHECKED	APPROVED	DATE 21-02-2022	SCALE 1 : 45	MATERIAL	\\Ks\CADD SERVER\KP\005.FOUNDATION DETAIL\KP - DFD - 111 (KP-51)\REV 00.dwg
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DETAILED FOUNDATION DRAWING FOR KP - 51
SURFACE MOUNTED SWAGGED POLE

K-LITE
K-LITE INDUSTRIES
CHENNAI-600 058

DRG. NO.	KP-DFD-111	REV	00	SHEET	1 of 1
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THIS DWG SUPERSEDED FROM KP-DFD-51 REV00

A

1

2

3

4

5

6

A

B

1

2

3

4

5

6

B

C

1

2

3

4

5

6

C

D

1

2

3

4

5

6

D