



TOLERANCES:-

DIAMETERS A/F	± 2.5 %
POLE TOTAL LENGTH	± 1.2 %
POLE STRAIGHTNESS	± 0.3 %

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN M.M.
2. DESIGN STANDARD BS EN 40-3-1&3
3. DESIGN CRITERIA :
 - 3.1. BASIC WIND SPEED - IS: 875 PART III : 2015
 - 3.2. DESIGN LIFE - 25 YEARS.
 - 3.3. TERRAIN CATEGORY - 2
 - 3.4. TOPOGRAPHY - FLAT
4. MATERIALS:
 - 4.1. SHAFT : HOT ROLLED STEEL PLATE CONFORM TO IS-2062/ BSEN 10025 OR EQUIVALENT GRADE.
 - 4.2. FLANGE/GUSSETS/DOOR STIFFENER : AS PER IS-2062/ BSEN 10025 OR EQUIVALENT GRADE.
 - 4.3. FOUNDATION BOLTS: EN-8 GRADE
5. FINISHING: HOT DIP GALVANIZED TO BS EN ISO 1461.
6. TOLERANCES SHALL BE AS PER BS EN 40-2 UNLESS OTHERWISE SPECIFIED IN THE DRAWING
7. MAKE OF THE POLE "BAJAJ".
8. THIS HAS TO BE READ IN CONJUNCTION WITH FINAL OFFER

FOUNDATION NOTES:-

1. ASSUMED S.B.C. - 10 T/M² (MINIMUM)
2. GRADE OF STEEL REINFORCEMENT Fe 415 / Fe 500
3. CLEAR COVER TO REINFORCEMENT - 50 MM
4. CONCRETE VIBRATED
5. USE SHUTTERING

Sr. No.	Abbreviation	Parameters	Detail
POLES			
1	H	Height of pole.	5 Mtr.
2	T	Pole Top A/F.	70mm
3	B	Pole Bottom A/F.	130mm
4	Tk	Shaft Thickness.	3mm
5	Dh	Door Height	500mm
6	De	Door elevation	500mm
7	Bp	Base plate dim.	200x200x12mm
8	Sh	Slot / Hole dim.	20x34mm
9	Sn	No. of slot/holes.	4 nos.
10	PCD	PCD	200mm
11	S	Pole Shape/sides	Octagonal
FOUNDATION BOLT			
1	Fal	Foundation Bolt Detail	EN8 Grade, M16x450mm J Type
2	Th	Threaded Length	80mm
FOUNDATION BLOCK DETAIL			
1	Fp	Total Depth	1300mm
2	Fd	Planting Depth	1100mm
3	Fa	Elevation above ground	200mm
4	Fw	Width	400mm
5	T1	Bar dia & qty in nos.	Ø12mm - 04 nos.
6	T2	Bar dia & CTC spacing	Ø8mm at 190 C/C
7	RCC (GR)	Concrete Grade	M-20

CLIENT:	----		
PROJECT:	STREET LIGHTING		
DEALER:	----		
MANUFACTURER:	BAJAJ ELECTRICALS LIMITED		
TITLE:	INDICATIVE GENERAL ARRANGEMENT & FOUNDATION DRAWING OF 5M OCTAGONAL POLE		DATE: 15-02-2024
DRWN BY:	MTP	PROJECT CODE: STD	DRG NO. PL-OP-24-STD-5M HS-001
DSGD BY:	SK	DESIGN CODE:	
CHKD BY:	UM		
APPRD BY:	SA		SHEET: 01 of 01
			REV. NO.: 00

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REV. NO.	DATE	REVISION DESCRIPTION	DRWN	CHKD	APPRD