



**TOLERANCES:-**

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

**GENERAL NOTES:-**

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

**FOUNDATION NOTES:-**

- ASSUMED S.B.C. - 10 T/M<sup>2</sup> (MINIMUM)
- GRADE OF STEEL REINFORCEMENT Fe 415 / Fe 500
- CLEAR COVER TO REINFORCEMENT - 50 MM
- CONCRETE VIBRATED
- USE SHUTTERING

Sr. No.	Abbreviation	Parameters	Detail
<b>POLES</b>			
A			
1	H	Height of pole.	3 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
<b>FOUNDATION BOLT</b>			
C			
1	Fal	Foundation Bolt Detail	EN8 Grade, M16x450mm J Type
2	Th	Threaded Length	80mm
<b>FOUNDATION BLOCK DETAIL</b>			
D			
1	Fp	Total Depth	1100mm
2	Fd	Planting Depth	900mm
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:	<b>BAJAJ ELECTRICALS LIMITED</b>				
TITLE:	INDICATIVE GENERAL ARRANGEMENT & FOUNDATION DRAWING OF 3M OCTAGONAL POLE				
DATE:	15-02-2024				
DRWN BY:	MTP	PROJECT CODE:	DRG NO.	PL-OP-24-STD-3M HS-001	SHEET:
DSGD BY:	SK	STD	01 of 01		
CHKD BY:	UM	DESIGN CODE:	00		
APPRD BY:	SA				

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REV. NO.	DATE	REVISION DESCRIPTION	DRWN	CHKD	APPRD