


- NOTES :-**
- ALL DIMENSIONS ARE IN M.M.
  - DESIGN STANDARD - PLG 07 OF ILP
  - 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 / BS EN 10025 OR EQUIVALENT GRADE.
    - FOUNDATION BOLTS : T.S. 600 N/Sq.mm.
  - FINISHING : HOT DIP GALVANIZED TO BS EN ISO 1461.
  - THE TOLERANCE IN A/F DIMENSION ARE  $\pm 3$ mm.
  - THE TOLERANCE IN THICKNESS DIMENSION ARE  $\pm 5$ %.
  - THE A/F DIMENSIONS ARE OUTSIDE TO OUTSIDE.
  - THE DOOR SHALL BE VANDAL PROOF AND WEATHER PROTECTED.
  - THE MAST WILL HAVE PADLOCKING ARRANGEMENT IN THE CENTER AND 2 Nos ALLEN BOLT AT TOP AND BOTTOM.
  - MAKE OF THE MAST "BAJAJ".
  - MAKE OF THE INTEGRAL MOTOR SHALL BE HEM OR EQUIVALENT.
  - TRAILING CABLE MAKE SHALL BE SUN BRAND / BMI / BHUWAL OR EQUIVALENT.
  - WIRE ROPE MAKE SHALL BE SSWRL / RELIANCE / APOLLO ROPE AND ALLOYS INDIA PVT. LTD. OR EQUIVALENT.
  - THIS HAS TO BE READ IN CONJUNCTION WITH DATA SHEET/OFFER.
  - THERE SHALL BE ONE OR MORE LONGITUDINAL WELDS DEPENDING ON THE AVAILABILITY OF SHEET.
  - IN CASE OF NON AVAILABILITY OF MATERIALS OF DESIRED SIZE / THICKNESS MATERIAL OF HIGHER SIZE / THICKNESS MAY BE USED.

**BHMRL20E-LED**

CLIENT	-----		
PROJECT	<b>20M HIGH MAST LIGHTING SYSTEM</b>		
CONTRACTOR	-----		
MANUFACTURER	 <b>BAJAJ ELECTRICALS</b> Engineering, Procurement, Construction Leaders in Lighting & Power Systems		
TITLE	<b>INDICATIVE GENERAL ARRANGEMENT DRAWING OF 20M HIGH MAST</b>		DATE <b>31.01.2022</b>
DRWN BY	<b>MTP</b>	PROJECT CODE	DRG. NO.
DSGD BY	<b>HVR</b>	-----	SHT <b>01</b> OF <b>01</b>
CHKD BY	<b>UM</b>	DESIGN CODE	<b>EPC-HM-20M-460-150-33-590 PCD-LED</b>
APPRD BY	<b>SA</b>	<b>STD</b>	REV. NO. <b>00</b>

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REV NO	DATE	REVISION DESCRIPTION	DRWN	CHKD	APPRD