


NOTES :-

1. ALL DIMENSIONS ARE IN M.M.
2. DESIGN STANDARD I.L.E TECHNICAL REPORT NO. 7.
3. DESIGN CRITERIA :
 - 3.1. BASIC WIND SPEED - IS : 875 PART III : 1987
 - 3.2. DESIGN LIFE - 25 YEARS.
 - 3.3. TERRAIN CATEGORY - 2
 - 3.4. TOPOGRAPHY - FLAT
4. MATERIALS :
 - 4.1. SHAFT/GUSSETS ; S355 AS PER BS EN 10025.
 - 4.2. FLANGE/DOOR STIFFENER ; AS PER IS-2062.
 - 4.3. FOUNDATION BOLTS ; T.S. 600 N/Sq.mm Y.S.-405 N/Sq.mm.
5. FINISHING : HOT DIP GALVANIZED TO BS EN ISO 1461.
6. THE TOLERANCE IN A/F DIMENSION ARE -0/+3mm.
7. THE A/F DIMENSIONS ARE OUTSIDE TO OUTSIDE.
8. THE DOOR SHALL BE VANDAL PROOF AND WEATHER PROTECTED.
9. THE MAST WILL HAVE PADLOCKING ARRANGEMENT IN THE CENTER AND 2 Nos ALLEN BOLT AT TOP AND BOTTOM.
10. MAKE OF THE MAST "**BAJAJ**".
11. MAKE OF THE INTEGRAL MOTOR SHALL BE HINDUSTAN BRAND .
12. TRAILING CABLE MANSFIELD OR SUN BRAND / BMI.
13. WIRE ROPE : BHARAT WIRE ROPES LTD. / SSWRL.
14. THIS HAS TO BE READ IN CONJUNCTION WITH DATA SHEET / OFFER.

BHMRL30A

CLIENT	-----		
PROJECT	30M HIGH MAST LIGHTING SYSTEM		
CONTRACTOR	-----		
MANUFACTURER	 <p>Engineering, Procurement, Construction Leaders in Lighting & Power Systems</p>		
TITLE	INDICATIVE GENERAL ARRANGEMENT DWG. FOR 30M HIGH MAST		DATE 19.02.2016
DRWN BY	MTP	JOB NO.	DRG. NO.
DSGD BY	HVR		
CHKD BY	SRH		
APPRD BY	CSM		
REV	DATE	REVISION	APPRD
03			
02			
01			

This drawing is the property of "BAJAJ ELECTRICALS LTD." & must be returned on request. It is submitted as confidential information in connection with enquiry, tenders, orders or contracts. It is not to be used for any other purpose or order nor may it re-copied or lent without our authority in writing.

ELEVATION

DETAIL "E"

VIEW "A"- "A"

ENLARGED DETAIL AT BASE WITH LUMINAIRE CARRIAGE LOWERED

DOOR DETAILS

P.C.C. BED

ANCHOR PLATE

75 MMØ EMBEDDED PVC PIPE FOR CABLE ENTRY

300 MM GROUTED IN THE GROUND

FEEDER PILLAR MOUNTED CLEAR OF LUMINAIRE CARRIAGE

CG BOX MOUNTED ON G.I. CLAMPS

LUMINAIRE CARRIAGE

TRAILING CABLE

JUNCTION BOX

7/19 WIRE ROPE SYSTEM

LUMINAIRE CARRIAGE STOPPER

AVIATION OBSTRUCTION LIGHT

FINISHED GROUND LEVEL

INSIDE TO INSIDE

INSIDE TO INSIDE

250

1200

500

3 THK.

4 THK.

5 THK.

150 A/F

DETAIL "E"

30000

10980

10980

500 APPROX [OVERLAP]

700 APPROX [OVERLAP]

20 SIDED POLYGONAL SHAFT

ANCHOR BOLTS WITH HEX. NUTS

BASE PLATE

LEVELING NUTS

FINISHED GROUND

R.C.C. FOUNDATION

460 A/F

Ø670

590 PCD

2 NOS. LIFTING LUG

30MM THK. PLATE

10 NOS. STIFFENER PLATES

12 NOS. Ø36MM HOLE TO SUIT M30x850Lg. ANCHOR BOLTS

PROVISION FOR EARTHING HDG BOLT 2 NOS. Ø12MM WITH 3 NUTS & 2 WASHERS

HDG LIGHTNING FINIAL (1.2M)

HEAD FRAME

3 THK.

4 THK.

5 THK.

150 A/F

DETAIL "E"