



**NOTES -**

1. WIND LOADINGS TO COMPLY WITH THE REQUIREMENTS OF AS1170.2-SECTION 4. DESIGNS ARE TO BE BASED ON -
  - MAXIMUM WIND SPEED OF  $V_u = 66m/sec$  DERIVED FROM A DESIGN LIFE OF 25 YEARS WITH A 5% PROBABILITY FACTOR OF  $V_u$  BEING EXCEEDED IN THAT PERIOD
  - MAXIMUM WIND SPEED OF  $V_b = 47m/sec$  DERIVED FROM A DESIGN LIFE OF 25 YEARS WITH A 63% PROBABILITY FACTOR OF  $V_b$  BEING EXCEEDED IN THAT PERIOD WITH A MAXIMUM DEFLECTION LIMIT OF 4% OF NOMINAL LENGTH
  - REGION 'C' AND TERRAIN CATEGORY '3'
  - LUMINAIRES WITH A WIND AREA OF 0.1sq.m. A MASS OF 3.6kg EACH AND A DRAG CO-EFFICIENT OF 0.5
2. SCREW THREAD ON ITEMS NO 2, 8 & 9 SHALL CONFORM TO AS 1275 METRIC SCREW THREADS FOR FASTENERS & SHALL HAVE A CLASS 6H/6g FIT.
3. ALL COMPONENTS SHALL BE HOT DIP GALVANISED TO AS 1650 GALV COATINGS ON FERROUS ARTICLES AFTER FABRICATING EXCEPT ITEM NO 2 & THREADED PORTION OF ITEMS NO 8 & 9 WHICH MUST COMPLY WITH AS 1214 HOT DIP GALV. COATING ON FASTENERS (METRIC COARSE THREAD SERIES).
4. ASSEMBLY SHALL BE PAINTED WITH BITUMINOUS COMPOUND.
5. SCREW THREADS ON ITEMS NO 2, 8 & 9 SHALL BE LIGHTLY OILED PRIOR TO ASSEMBLY.
6. ITEM 4 SHALL FINISH FLUSH WITH LOWER EDGE OF ITEM 6 AS SHOWN.
7. A CABLE SUPPORT ROD IS TO BE FITTED SO AS TO ALLOW THE SECURING OF WIRING TO LANTERNS
8. ALL MATERIAL AND FABRICATION SHALL BE IN ACCORDANCE WITH STEEL STRUCTURES CODE AS4100.

RAG BOLT ASSEMBLY FABRICATION DETAILS		
ITEM	DESCRIPTION	QTY
10	WASHER STEEL SQUARE GALV 24	8
9	STEEL ROD #24 x 1555 LG.	2
8	" " " 1545 LG.	2
7	STEEL BAR FLAT 50x6x223 LG.	2
6	" " " 50x6x240 LG. (REFER DETAIL)	2
5	" " " 25x3x223 LG.	4
4	STEEL ANGLE 32x32x3x635 LG. (REFER DETAIL)	2
3	" " " 51x51x6.5x650 LG.	4
2	NUT STEEL HEX GALV M 24	8
1	BOLT STEEL HEX HD GALV M10x25 C/W NUT-SPRING W/SHR	4
ITEM	DESCRIPTION	QTY

**OBsolete CONSTRUCTION**  
NOT TO BE USED ON NEW WORK

3 NOTE RE OBSOLETE CONSTRUCTION ADDED 2 NOTES AMENDED 1 NOTE 8 ADDED 0	SUPERSEDES DRG No 87351 AMENDMENT	MAR93 NOV'91 FEB91 MAR89	N. S. gmck R.T.F. B. G	 POWER DIRECTORATE	DES _____	STANDARD DRAWING		
					DRN _____	TITLE	COLUMN TAPERED STEEL 6 METRE CURVED OUTREACH INTEGRAL DISTRIBUTION PILLAR	
					CKD gmck	A3		
					APPD B.T. KENT	DRAWING No		
ISSUED MAR 89	SCALE	SHEET						
DRAFTING STANDARD TO A.S. 1100	ALL DIM IN m.m.	AMDT						