



NOTES :

1. ALL WELDING AND WELD PREPARATION TO BE IN ACCORDANCE WITH AS1554.
2. CIRCUMFERENTIAL WELDS TO BE JOGGLED BUTT TYPE. LONGITUDINAL WELDS TO BE SINGLE BUTT TYPE. ALL WELDS TO BE MADE BY CONTINUOUS AUTOMATIC PROCESS AND ARE NOT TO BE DRESSED SMOOTH.
3. AFTER FABRICATION ALL COMPONENTS TO BE ACID DE-SCALED AND HOT DIPPED GALVANIZED MINIMUM 450 g/sq.m TO AS1650.
4. WIND LOADINGS TO COMPLY WITH THE REQUIREMENTS OF AS1170.2 - SECTION 4 DESIGNS ARE TO BE BASED ON -
 - MAXIMUM WIND SPEED OF $V_u = 66$ m/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 $V_s = 47$ m/sec DERIVED FROM A DESIGN LIFE OF 25 YEARS WITH A 63% PROBABILITY FACTOR OF V_s BEING EXCEEDED IN THAT PERIOD WITH A MAXIMUM DEFLECTION LIMIT OF 4% OF NOMINAL LENGTH
 - REGION 'C' AND TERRAIN CATEGORY '3'
 - 4.5 m OUTREACH ARMS AS SHOWN ON DRAWING S3-1-1-10
 - LUMINAIRES WITH A WIND AREA OF 0.13 sq.m, A MASS OF 12 kg EACH AND A DRAG CO-EFFICIENT OF 0.5
5. COLUMNS ARE TO CONFORM TO THE REQUIREMENTS OF AS4100 AND AS1798.
6. COLUMNS ARE TO HAVE CONTINUOUS TAPER OVER THEIR ENTIRE LENGTH AND A STEEL THICKNESS OF NOT LESS THAN 3 mm.
7. TWO (OR MORE) PIECE COLUMNS MUST BE ASSEMBLED PRIOR TO DELIVERY.
8. ACCESS DOORS ARE NOT INTERCHANGEABLE. ENSURE THAT INDIVIDUAL COLUMNS AND DOORS ARE SUITABLY MATCHED AND MARKED.
9. EQUIPMENT ACCESS DOOR TO BE PROVIDED (DETAIL C) HAVING 'TAMPER PROOF' LOCKING DEVICE. DOOR ACCESS SCREW TO BE M10 STAINLESS STEEL I.S.O. METRIC BUTTON HEAD SOCKET TYPE.
10. ALL COLUMNS TO BE MANUFACTURED TO ACCEPT THE MOUNTING OF OUTREACHES AS SHOWN ON DRAWING S3-1-1-10.

REFERENCE DRAWINGS :

- S3-1-1-12 : SLIP BASE 12.0 m COLUMN OUTREACH TYPE.
- S3-1-2-2 : RAG BOLT REINFORCEMENT, TYPE 12 & 18 FABRICATION DETAILS.
- S3-1-2-4 : RAG BOLT REINFORCEMENT, SLIP BASE, 12.0 m COLUMN FOUNDATION ARRANGEMENT.
- S3-1-2-5 : INSTALLATION DETAILS, MECHANICAL AND ELECTRICAL
- S3-1-6-3 : MISCELLANEOUS SLIP BASE POLE & PIT CONNECTION DETAILS.
- S3-1-5-14 : ELECTRICAL CONNECTION DETAILS, SLIP BASE 12.0 m COLUMN.

ITEM 1 - 12.0 m DOUBLE O/R
 STOCK CODE 285767
 N.T.S.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	ACCESS PANEL HEIGHT CHANGED	J.C.	MAR'09	A.T.	S.C.
AMENDMENTS					



DES	M. BOCK	POWER STANDARD DRAWING		
DRN	J. LIVESLY	COLUMN, STREET LIGHTING, SLIP BASE TAPERED STEEL 12.0 METRE OUTREACH TYPE		
CKD	M. BOCK	A3	DRAWING NUMBER	S3-1-1-11
APPD	F. ROBSON			
SCALE	AS SHOWN			
ISSUED	04/02/97			
ALL DIM. IN mm				
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		

