



- REFERENCE DRAWINGS**
 RANGE OF POLE & WALL MOUNTED STREET LIGHTING BRACKETS B1-66251
- NOTES**
- ALL STEELWORK TO BE FABRICATED IN ACCORDANCE WITH AS 4100.
 - UNLESS NOTED OTHERWISE:
 - ALL HOT ROLLED FLATS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 1594.
 - ALL HOT ROLLED SECTIONS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 3679.
 - ALL HOLLOW SECTIONS TO BE GRADE C350 IN ACCORDANCE WITH AS 1163.
 - AFTER FABRICATION, ALL BURRS AND SHARP EDGES TO BE REMOVED.
 - ALL WELDING TO BE IN ACCORDANCE WITH AS 1554 PART 1.
 - CONSUMABLES (ELECTRODES) SHALL BE MATCHED WITH THE STEEL TYPE IN COMPLIANCE WITH AS/NZS 1554.1 TABLE 4.6.1(A) & THE RELEVANT COLUMNS OF THE TABLE DEPENDING ON THE TYPE OF WELDING PROCESS BEING UNDERTAKEN.
 - UNLESS NOTED OTHERWISE:
 - ALL WELDS SHALL BE 6mm CONTINUOUS FILLET WELDS, CATEGORY GP.
 - BUTT WELDS SHALL BE CONTINUOUS FULL PENETRATION, CATEGORY SP.
 - ALL WELDS TO BE CARRIED OUT IN THE SHOP UNLESS NOTED AS "WELD ON SITE".
 - WORK SHALL BE INSPECTED TO AS/NZS 1554.1 CLAUSE 7.3 (VISUAL INSPECTION OF WORK) UNLESS THE WELDING PROCESS IS SUPERVISED AND CARRIED OUT BY QUALIFIED PERSONNEL AS DEFINED IN AS/NZS 1554.1 CLAUSE 4.12.1 AND CLAUSE 4.12.2.
 - AFTER FABRICATION, ALL WELDS TO BE CHIPPED FREE OF SLAG.
 - AFTER FABRICATION, ALL STEELWORK TO BE HOT DIP GALVANISED TO AS 4680.
 - AFTER GALVANISING, ALL HOLES TO BE CLEARED AND SHARP EDGES TO BE REMOVED.
 - WHERE THE GALVANISING FINISH HAS BEEN DAMAGED, AREA TO BE TREATED WITH COLD GALVANISING PAINT SIMILAR TO ZINCFIX. COATINGS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
 - ALL BOLTS, NUTS AND WASHERS TO BE HOT DIP GALVANISED TO AS 1214.
 - ALL BOLTS TO BE GRADE 4.6/5 TO AS 1111.
 - BRACKET IS NOT TO BE USED ON TIMBER POLES LESS THAN 200mm DIA AT THE POINT OF CONNECTION.
 - TOTAL MASS OF BRACKET IS 4.1kg.
 - FOR DELIVERY, BOTH SECTIONS OF BRACKET ARE TO BE WIRED TOGETHER WITH GALVANISED STEEL WIRE.
 - BRACKET TO BE SUPPLIED TO THE FIELD WITH BOTH PARTS BOLTED TOGETHER.
 - IF ANY MATERIAL SIZE DETAILED IS CHANGED, PRIOR APPROVAL MUST BE OBTAINED FROM AUSGRID.
 - THE FUSE HOLDER SHALL BE A FULLY SHROUDED 20A, FRONT CONNECTED TYPE REFERENCE "F1" TO AS 60269.2.1. THE FUSE LINK SHALL BE 10A, REFERENCE "F1" TO AS 60269.2.1.

CAD DRAWING
 DO NOT MANUALLY AMEND

AMENDMENTS

NO.	DESCRIPTION	DATE	BY	CHECKED
1	DIMENSION 1300mm TO PIPE CENTRE ALTERED.	7-5-80	KEM	
2	ELONGATED SLOT REPLACING Ø18mm HOLE.	7-5-80	KEM	
3	BASEPLATE DETAILS	30/00	KEM	
4	SLOT IN ITEM 4 WAS CLARIFIED.	7-5-80	KEM	
5	MEM ADVISORY FUSE BASE WAS MEM 700 (REF EB).	22-1-85	KEM	
6	MEM ADVISORY FUSE BASE WAS MEM 700 (REF EB).	15-12-00	JC	
7	DRAWING BORDER UPDATED FUSE HOLDER & FUSE LINK SCHEMATIC AND NOTES UPDATED FUSE HOLDER & FUSE LINK. CLARIFIED SEE NOTE 19.	19/02/2013	CSAWDY	
8	APPROVED: PHIL HUDSON			

AUSGRID

MECHANICAL DESIGN
 570 GEORGE STREET
 SYDNEY NSW 2000

SCALE	DESIGNED	DRAWN	CHECKED	APPROVED	DATE	PRJTRK No.	PROJECT NUMBER
1 : 2, 5, 50	-	RG	C.J.S.	EM - ES	3-4-81	-	28980

DRAWING No **58188** SHEET 1 AMD 8 SIZE B1

STREET LIGHTING
 3m OUTREACH
 ELEVATED POLE MOUNTED
 BRACKET TYPE 2A
 ARRANGEMENT & DETAILS

0 0.25 0.5 m
 METRES ON ORIGINAL DRAWING AT SCALE 1:5