



REFERENCE DRAWINGS
 RANGE OF POLE & WALL MOUNTED STREET LIGHTING BRACKETS B1-66251

NOTES

1. ALL STEELWORK TO BE FABRICATED IN ACCORDANCE WITH AS 4100.
2. UNLESS NOTED OTHERWISE:
 (a) ALL HOT ROLLED FLATS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 1594.
 (b) ALL HOT ROLLED SECTIONS TO BE GRADE 250 MINIMUM IN ACCORDANCE WITH AS 3679.
 (c) ALL HOLLOW SECTIONS TO BE GRADE C350 IN ACCORDANCE WITH AS 1163.
3. AFTER FABRICATION, ALL BURRS AND SHARP EDGES TO BE REMOVED.
4. ALL WELDING TO BE IN ACCORDANCE WITH AS 1554 PART 1.
5. 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.
6. UNLESS NOTED OTHERWISE:
 (a) ALL WELDS SHALL BE 6mm CONTINUOUS FILLET WELDS, CATEGORY GP.
 (b) BUTT WELDS SHALL BE CONTINUOUS FULL PENETRATION, CATEGORY SP.
 (c) ALL WELDS TO BE CARRIED OUT IN THE SHOP UNLESS NOTED AS 'WELD ON SITE'.
7. WELDS 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.
8. AFTER FABRICATION, ALL WELDS TO BE CHIPPED FREE OF SLAG.
9. AFTER FABRICATION, ALL STEELWORK TO BE HOT DIP GALVANISED TO AS 4680.
10. AFTER GALVANISING, ALL HOLES TO BE CLEARED AND SHARP EDGES TO BE REMOVED.
11. WHERE THE GALVANISING FINISH HAS BEEN DAMAGED, AREA TO BE TREATED WITH COLD GALVANISING PAINT SIMILAR TO ZINCIFX. COATINGS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
12. ALL BOLTS, NUTS AND WASHERS TO BE HOT DIP GALVANISED TO AS 1214.
13. ALL BOLTS TO BE GRADE 4.6/s TO AS 1111.
14. BRACKET IS NOT TO BE USED ON TIMBER POLES LESS THAN 200mm DIA AT THE POINT OF CONNECTION.
15. TOTAL MASS OF BRACKET IS 45kg.
16. FOR DELIVERY, BOTH SECTIONS OF BRACKET ARE TO BE WIRED TOGETHER WITH GALVANISED STEEL WIRE.
17. BRACKET TO BE SUPPLIED TO THE FIELD WITH BOTH PARTS BOLTED TOGETHER.
18. IF ANY MATERIAL SIZE DETAILED IS CHANGED, PRIOR APPROVAL MUST BE OBTAINED FROM AUSGRID.
19. 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.	ADDITIONAL SET SCREW ADDED TO SPIGOT CONNECTION DETAIL.	7-4-81	KEM	KEM
2.	MODIFICATIONS FOUND NECESSARY FOR MANUFACTURE.	20-5-81	KEM	KEM
3.	ELONGATED SLOT REPLACING Ø18mm HOLE.	10-9-82	KEM	KEM
4.	PLATE DETAILS CLARIFIED.	30/00	KEM	KEM
5.	SLOT IN ITEM 4 WAS PROD. NO. 22-6-85.	9-6-85	KEM	KEM
6.	REDRAWN ON ACAD. DRAWING SIZE FROM A1 TO A2.	22-6-85	KEM	R.MEE.
7.	20A FUSE BASE (MEM OR SIMILAR) WITH FUSE COVER & DETAILS ADDED.	19-02-2013	KEM	KEM
8.	MEM ADVZOFF FUSE BASE WAS MEM 700 (REF F6).	15-12-00	KEM	KEM
9.	DRAWING BORDER UPDATED FUSE COVER WAS SECURED BY 8 GAUGE WIRE AND WELDED TO FUSE LINK CLARIFIED. SEE NOTE 19.	19-02-2013	KEM	KEM

APPROVED: PHIL HUDSON

Ausgrid

MECHANICAL DESIGN
 570 GEORGE STREET
 SYDNEY NSW 2000

SCALE	AS SHOWN
DESIGNED	-
DRAWN	RG
CHECKED	C.J.S.
APPROVED	EM - ES
DATE	4-3-81
PRJTRK No.	-
PROJECT NUMBER	25261

STREET LIGHTING
4.5m OUTREACH
ELEVATED POLE MOUNTED
BRACKET TYPE 3A
ARRANGEMENT & DETAILS

DRAWING No **59737** SHEET - AMD 9 SIZE B1

