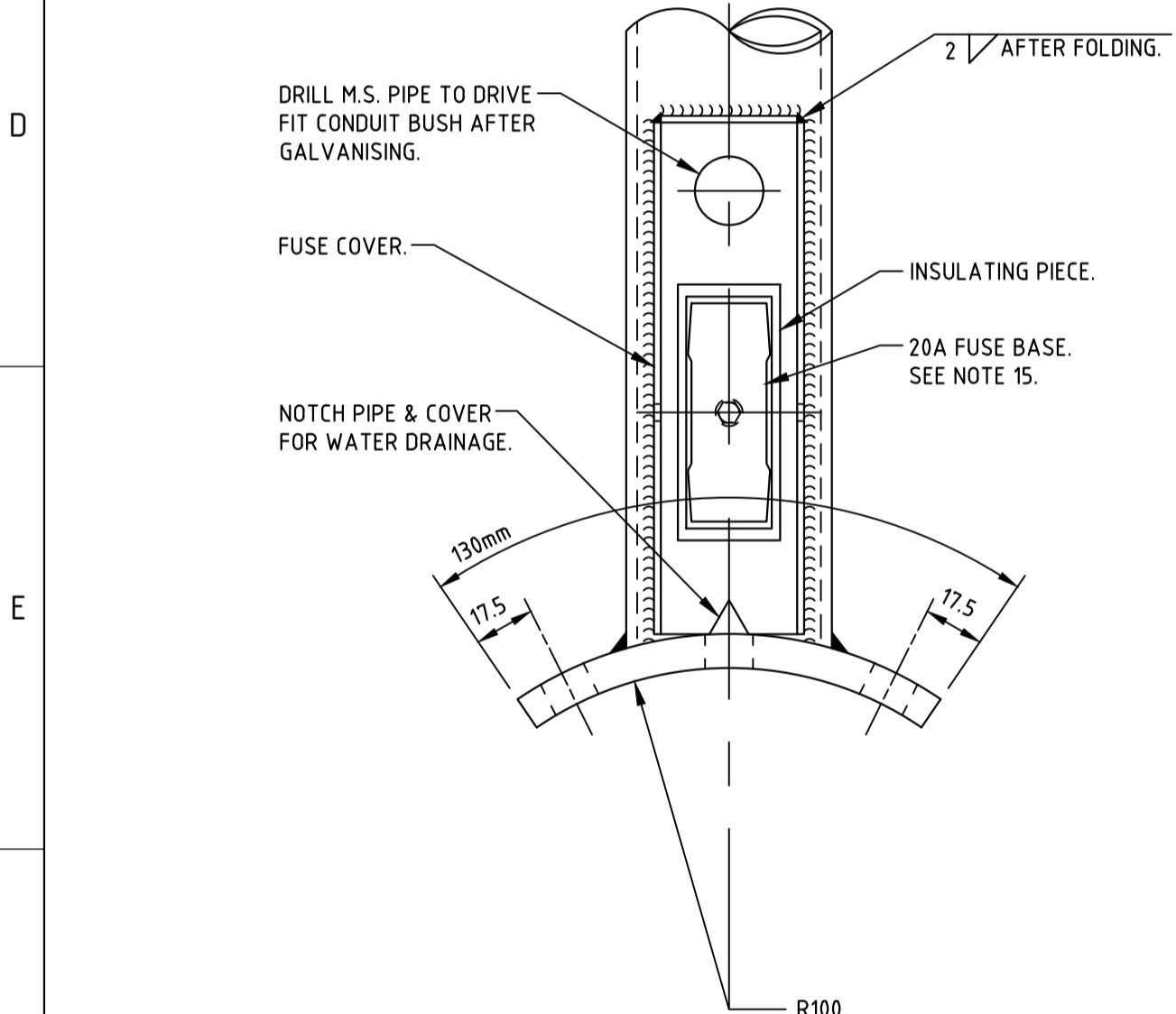


SECTION A - A

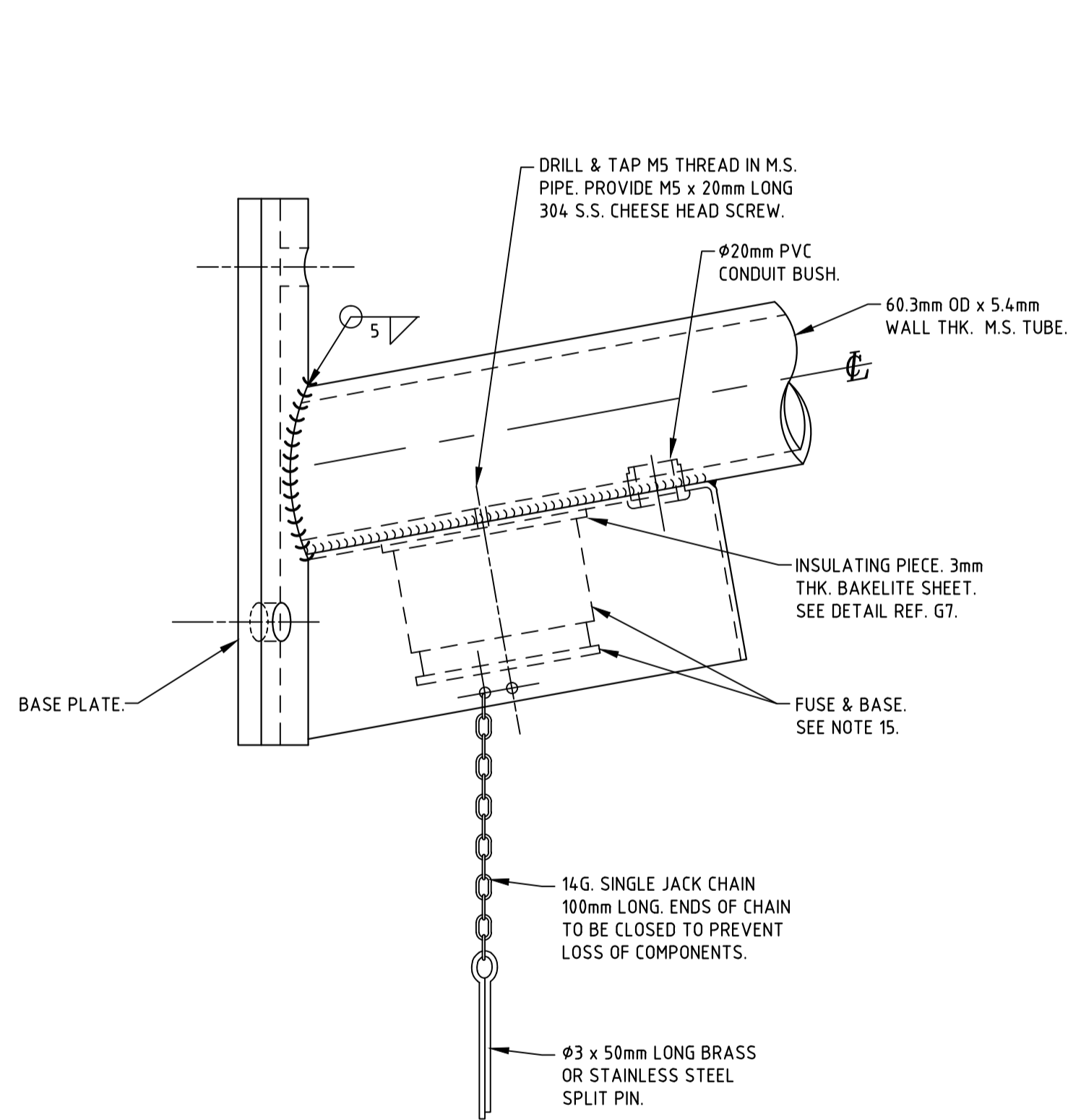
TUBE JOINT DETAIL

WATER DRAINAGE NOTCH

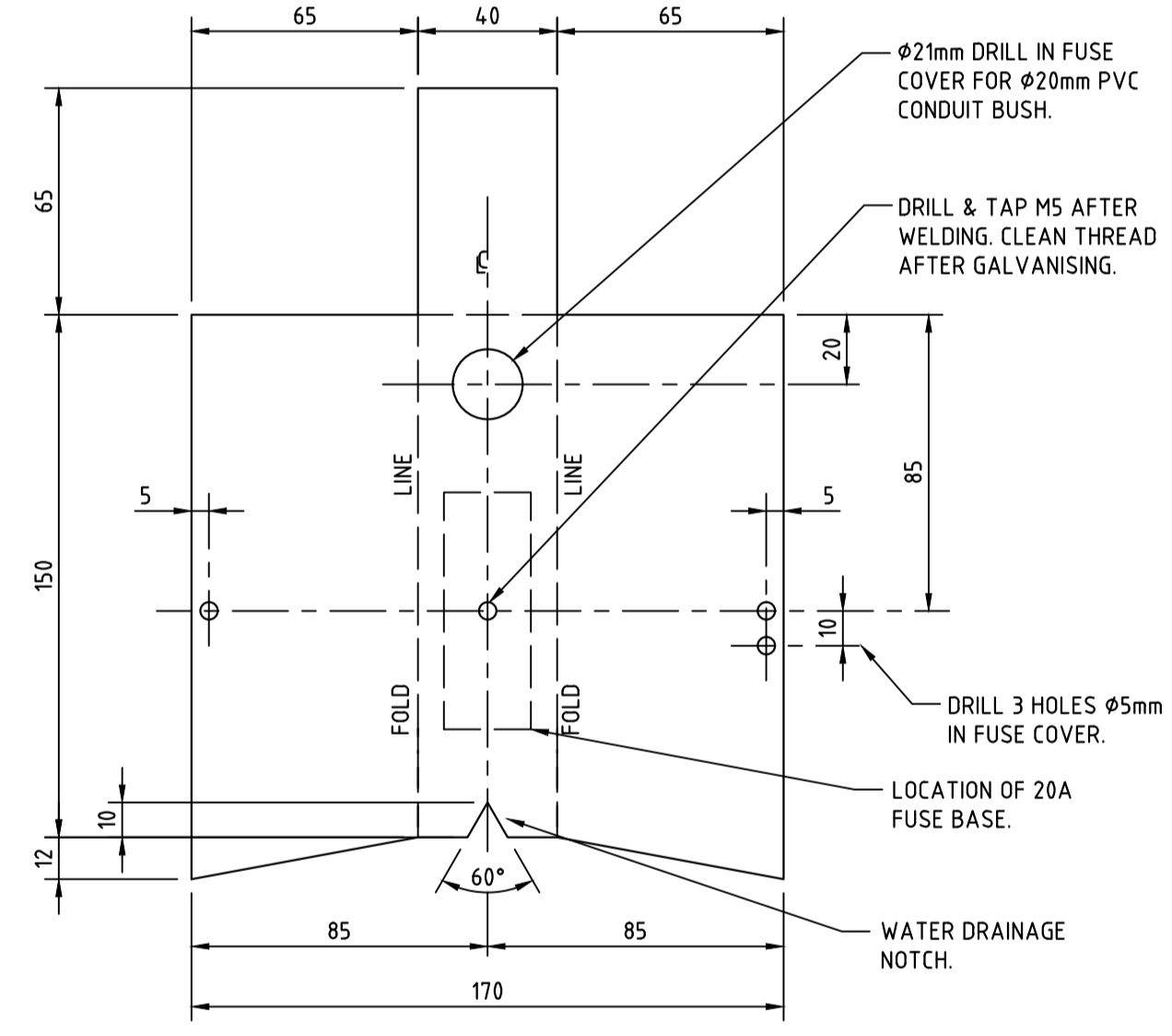
2m STREET LIGHTING BRACKET ARRANGEMENT



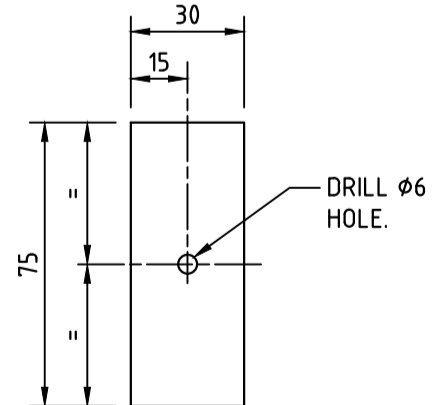
**BOTTOM VIEW**  
 MATERIAL: - 10mm M.S. BASEPLATE  
 - 1.6mm THK. M.S. SHEET  
 - M5 x 20 mm LONG 304 S.S. CHEESE HEAD SCREW.



FUSE COVER ARRANGEMENT



**DEVELOPMENT OF FUSE COVER**  
 MATERIAL: 1.6mm THK. MILD STEEL.

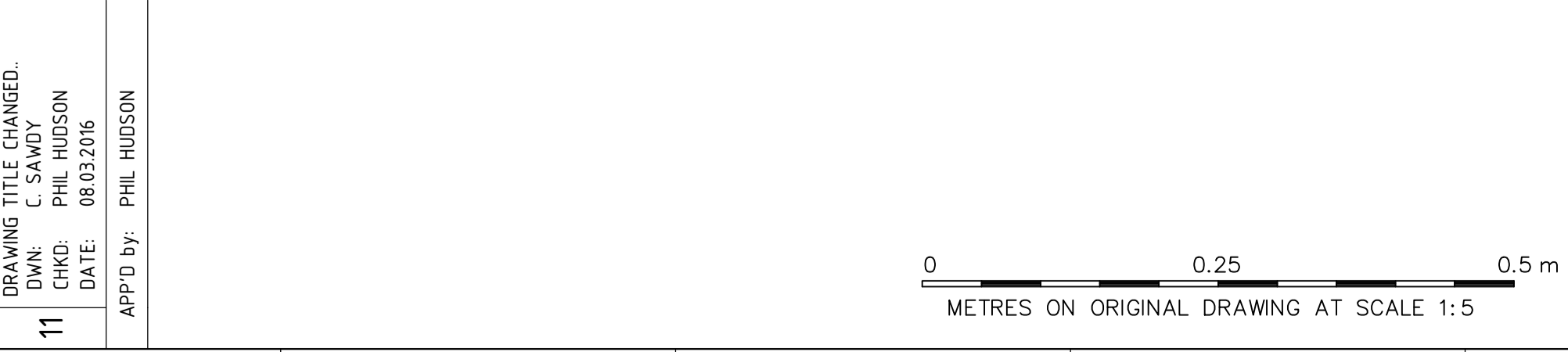


**INSULATING PIECE**  
 MATERIAL: 3mm BAKELITE SHEET.

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

- NOTES**
- ALL STEELWORK TO BE FABRICATED IN ACCORDANCE WITH AS 3990.
  - 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'.
  - 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.
  - 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.
  - BRACKET TO BE SUPPLIED WITH ONE FUSE FITTED AS SHOWN.
  - TOTAL MASS OF BRACKET IS 12Kg.
  - 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	
4. REDRAWN & REDESIGNED TO CURRENT STANDARDS C.SAWDY 27/07/05 PROJ No. 21664	
5. REDRAWN ON ACAD. MAIN BRACKET TUBE FROM 42.4mm OD TO 48.3mm OD. FUSE BASE FROM 60mm TO 60.3mm. SA-A-G1 PORCELAIN TO SA-A-G1 OR SIMILAR. FUSE COVER SCREWED TO LIGHTING BRACKET INSTEAD OF WELDING. AMC CHECKED NOVEMBER 92 C.J.S. 83139	
6. MEM ADV20FF FUSE BASE WAS APPROVED MEM 700 REF E-7 JC CHECKED 14.12.00 PIE	
7. DIM 12 REF E-9 WAS 15mm. NOTES UPDATED. C.SAWDY 13.8.2001 P.H.	
8. FUSE COVER WAS SECURED BY 8 GAUGE TEK SCREWS. ANGLE 5° WAS 10° REF A-12. REDESIGNED FOR 80W MBF OR 7/20W FLUORESCENT LANTERN. DRAWING TITLE CHANGED. P.J.H. CHECKED 31.03.04 G.A.	
9. DRAWING BORDER UPDATED. NOTES UPDATED. FUSE HOLDER & FUSE LINK CLARIFIED. SEE NOTE 15. C.SAWDY 19.02.2013	
BRACKET MOUNTING HOLES TO POLE RELOCATED. TOP HOLE NOW Ø22. DES: C. SANDY DWR: P. HUDSON CHKD: P. HUDSON DATE: 03.05.2015	
DRAWING TITLE CHANGED. DWN: C. SAWDY CHKD: PHIL HUDSON DATE: 08.03.2016	
APP'D by: PHIL HUDSON	



NETWORK STANDARD  
**Ausgrid**  
 MECHANICAL DESIGN  
 570 GEORGE STREET  
 SYDNEY NSW 2000

SCALE	1:2, 5
DESIGNED	-
DRAWN	C.J.S.
CHECKED	K.E.M.
APPROVED	EM - ES J.H.
DATE	5.11.85
PRJ/TRK No.	-
PROJECT NUMBER	21664

STREET LIGHTING  
 2m OUTREACH  
 POLE MOUNTED BRACKET  
 ARRANGEMENT AND DETAILS

DRAWING No **32330** SHEET 1 AMD 11 SIZE A1