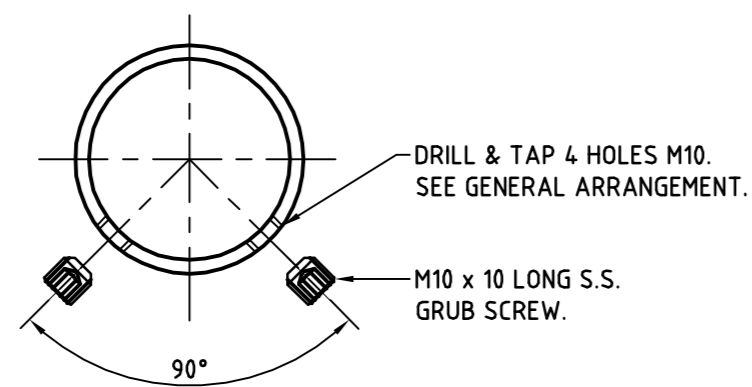
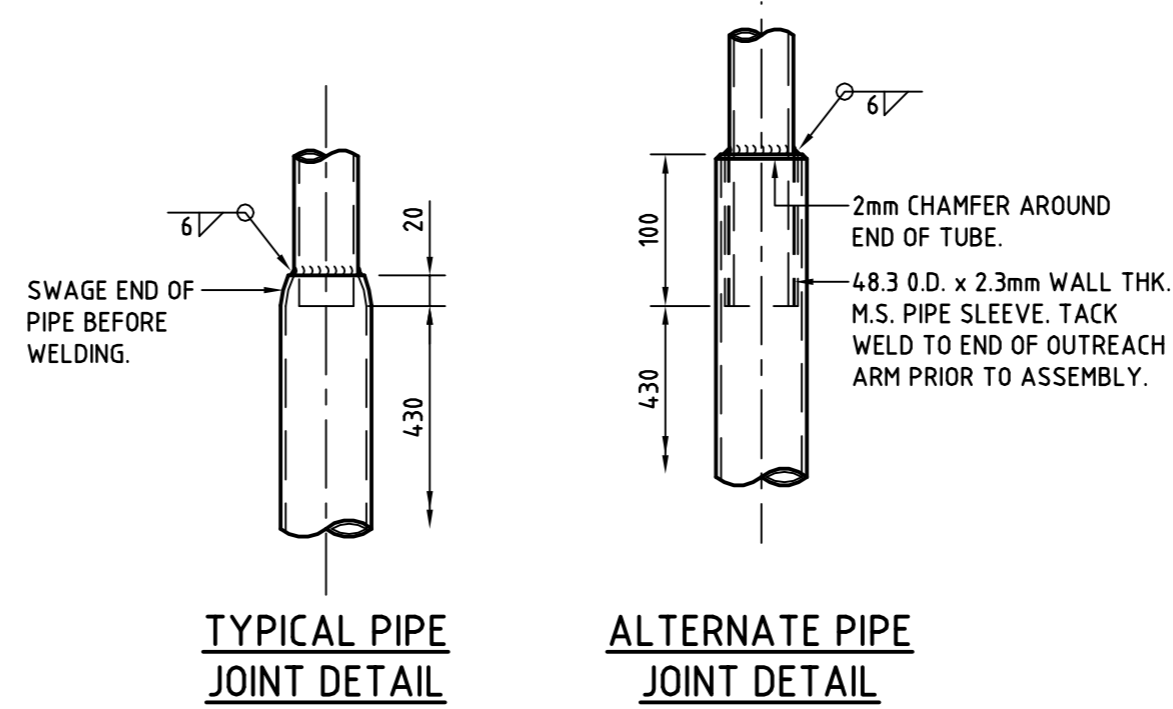


**GENERAL ARRANGEMENT**  
SCALE 1 : 10

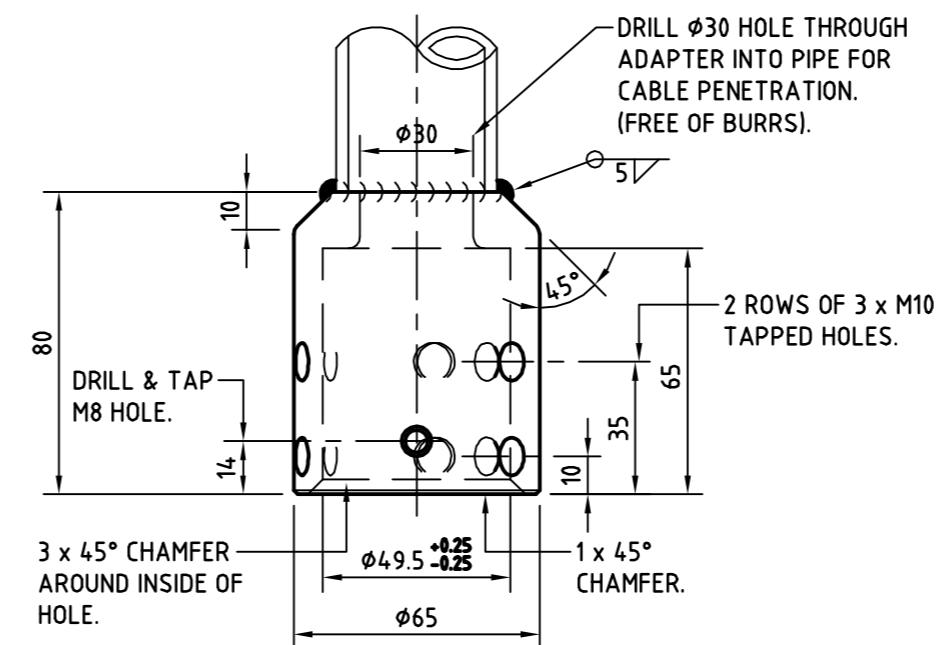


**DETAIL 2**  
SCALE 1 : 2

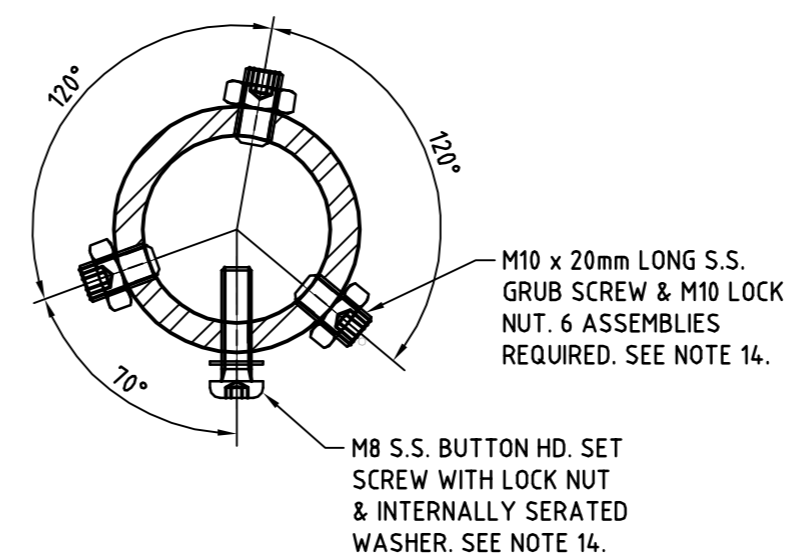


**TYPICAL PIPE JOINT DETAIL**

**ALTERNATE PIPE JOINT DETAIL**



**DETAIL 1**  
**FRONT VIEW**  
SCALE 1 : 2  
SEE NOTE 16.



**BOTTOM VIEW**

**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'.
- 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.
- STEELWORK TO BE HOT DIP GALVANISED TO AS 4680 BEFORE MOULDING.
- AFTER GALVANISING, ALL HOLES TO BE CLEARED, THREADED HOLE RE-TAPPED, SHARP EDGES TO BE REMOVED & EXCESS GALVANISING REMOVED FROM MATING PARTS.
- 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 STAINLESS STEEL.
- TOTAL MASS OF OUTREACH ARM IS 10.2Kg.
- APPLY GREASE TO THE TAPPED THREADS BEFORE INSERTING THE SCREWS.
- PAINTING TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT PAINTING SPECIFICATION.
- THE LUMINAIRE ATTACHMENT POINT SPIGOT SHALL BE IN ACCORDANCE WITH AS/NZS 1158.6 APPENDIX "D".
- IF ANY MATERIAL SIZE AS DETAILED ON EA. DRAWING IS TO BE CHANGED, PRIOR APPROVAL MUST BE OBTAINED FROM EA.

CAD DRAWING  
DO NOT MANUALLY AMEND  
A M E N D M E N T S  
3. DRAWING BORDER UPDATED.  
NOTES UPDATED. DETAIL 1  
UPDATED IN ACCORDANCE  
WITH AUSTRALIAN  
STANDARDS.  
C.SAWDY  
13.06.2013  
APPROVED : PHIL HUDSON

STOCKCODE  
H120477



MECHANICAL DESIGN  
570 GEORGE STREET  
SYDNEY NSW 2000

SCALE	1 : 2 , 10
DESIGNED	PS
DRAWN	PWK
CHECKED	G. SKINNER
APPROVED	07.10.1998
DATE	
PROJECT NUMBER	
PROJTRAK NUMBER	

STREET LIGHTING  
OUTREACH ARM  
SINGLE HOOK ARM  
ARRANGEMENT AND DETAILS

SIZE	DRAWING No	SHEET	AMD
A2	520427	1	3

