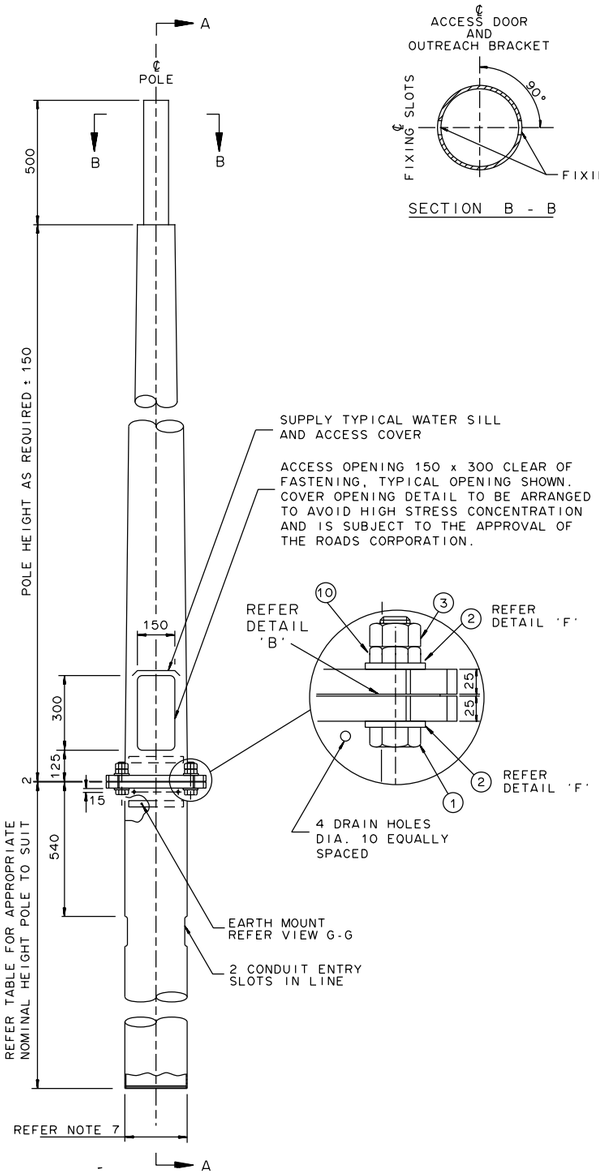
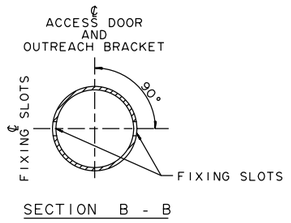
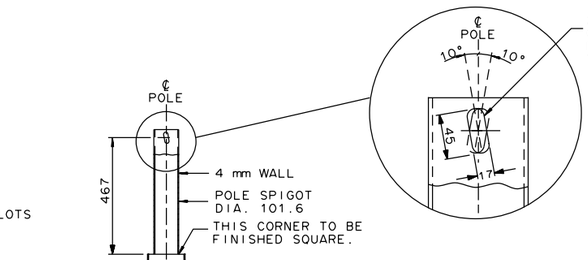
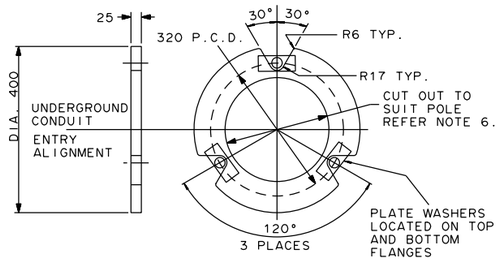
| ITEM | QTY. | DESCRIPTION |
|---|---|---|
| 1 | 3 | BOLT, HEX. HD. M30 x 3.5 x 120 LONG. COMMERCIAL GRADE 4.6 GALVANIZED |
| 2 | 6 | WASHER, 8mm THICK, GRADE 250 PLATE, GALVANIZED WITH 34 Dia HOLE |
| 3 | 3 | FULL NUT, HEX. M30 x 3.5, 26 HEIGHT, GALVANIZED |
| 4 | 4 | SCREW, HEX. HD. M6 x 1.0 x 50 LNG. ZINC PLATED. |
| 5 | 8 | NUT, HEX. M6 x 1.0 ZINC PLATED. |
| 6 | 4 | WASHER, FLAT, 6 I.D. x 12 O.D. x 1.2 THICK, ZINC PLATED. |
| 7 | 1 | STAINLESS STEEL, CHEESE HD. SCREW, M6 x 1.0 x 30 LONG. |
| 8 | 1 | STAINLESS STEEL, FLAT WASHER 6 I.D. x 12 O.D. x 1.2 THICK. |
| 9 | 2 | STAINLESS STEEL, HEX. NUT M6 x 1.0 |
| 10 | 3 | HALF NUT, HEX. M30 x 3.5, 15 HEIGHT, GALVANISED |



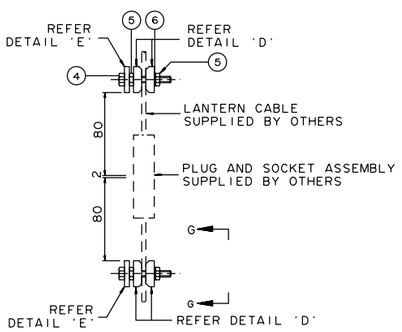




SECTION B - B

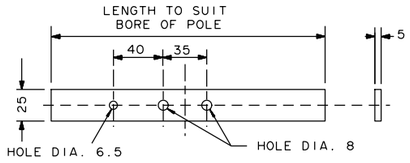


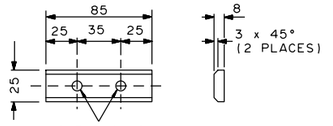

DETAIL 'A'
SLIP FLANGE - 2 NO. REQ'D



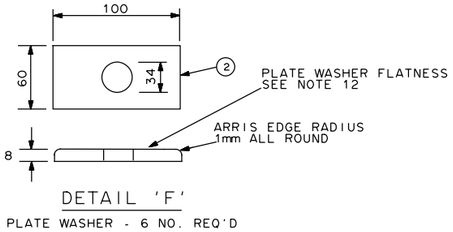

DETAIL 'C'



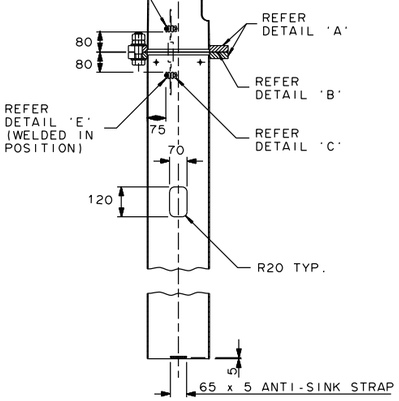

DETAIL 'E'
CLAMP BRACKET - 2 NO. REQ'D



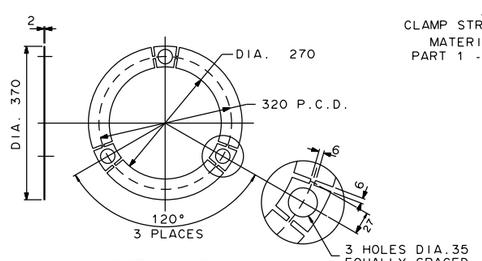

DETAIL 'D'
CLAMP STRIP - 4 NO. REQ'D
MATERIAL - TO A.S. 1795 PART 1 - 1983 TYPE 2 OR TYPE X



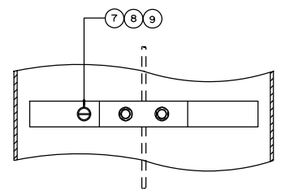

DETAIL 'F'
PLATE WASHER - 6 NO. REQ'D




SECTION A - A




DETAIL 'B'
SLIP WASHER - 1 NO. REQ'D
MATERIAL - M.S. (GALVANIZED)




VIEW G-G
2 PLACES - LOWER CLAMP (AS DRAWN)
- UPPER CLAMP (WITHOUT EARTH MOUNT)

| STANDARD DIMENSIONS FOR 'd' | NOMIMAL POLE HEIGHT ±150 mm TO SUIT 'd' | LANTERN MOUTING HEIGHT |
|---|---|---|
| 1 800 | 8 500 | 10 000 |
| 2 000 | 11 000 | 12 500 |
| 2 500 | 13 500 | 15 000 |

AMENDMENT C NOTES

1. BOLT LENGTH INCREASED TO 120mm (ITEM 1)
2. PLATE WASHER THICKNESS INCREASED TO 8mm (ITEM 2)
3. FULL NUT USED AS LOCK NUT(ITEM 3)
4. HALF NUT ADDED (ITEM 10)
5. RE-TORQUEING OF SLIP BASE BOLTS INCREASED TO 90+/-10Nm (NOTE 2)
6. PLATE WASHER FLATNESS TOLERANCE REQUIREMENT (NOTE 12)
7. PLATE WASHER ARRIS EDGE RADIUS REQUIREMENT (DETAIL F)

NOTES

1. ALL SLIP BASE POLES ARE TO BE FULLY ASSEMBLED PRIOR TO DELIVERY.
2. M30 SLIP BASE BOLTS ARE TO BE FULLY TIGHTENED TO A TORQUE OF 150Nm ON ASSEMBLY AND RE-TORQUED TO TCN 006 UPON INSTALLATION.
3. SLIP BASE BOLTS WASHERS SHOULD NOT FOUL THE STEM TO BASE PLATE WELDS.
4. SLIP PLANE SURFACES OF FLANGES ARE TO BE FREE OF ANY PROTRUSIONS OR IRREGULARITIES.
5. FOR ALTERNATIVE PLATE SET MOUNTED POLE REFER TO DRAWING NO. TC-1066.
6. MAXIMUM POLE DIAMETER/DIMENSION CONTROLLED BY NEED TO ENSURE CLEARANCE BETWEEN BOLT, WASHER AND WELD.
7. CENTRE LINE OF POLE TO BE PERPENDICULAR TO BASE SLIP PLANE PLUS OR MINUS 1°.
8. POLE TOP SECTION SHALL BE TEK SCREWED TO LOWER SECTION.
9. ALL SLOTS AND HOLES ARE TO BE CLEAR OF EXCESS GALVANIZING, METAL BURRS ETC.
10. ALL FABRICATIONS TO BE FINALLY HOT DIP GALVANIZED ACCORDING TO AS/NZS 4680.600 G/Msq. CLASS Z600. AFTER GALVANIZING ADDITIONAL PROTECTIVE COATING TO BE APPLIED TO OCTAGONAL BASE IN ACCORDANCE WITH SPECIFICATION.
11. NUTS AND BOLTS TO BE RE-RUN AFTER GALVANIZING.
12. PLATE WASHER OUT-OF-FLATNESS TOLERANCE NOT TO EXCEED 0.5MM OVER 100mm.
13. SLIP WASHER TO BE INSTALLED CONCENTRIC WITH SLIP FLANGE.

| | | | |
|---|---|---|---|
| D | SP | 22/5/17 | REPLACE NOTE 2 |
| C | SP | 1/4/08 | SEE AMENDMENT C NOTES |
| B | RS | 06/01 | AS/NZS STANDARD UPDATED |
| A | RS | 08/98 | DRAIN HOLES DIMENSIONED |
| AMEND. | APP'D | DATE | AMENDMENT |

GENERAL NOTES/CROSS REFERENCES
UNSPECIFIED DIMENSIONS ARE IN mm
MATERIAL M·S· EXCEPT WHERE OTHERWISE SPECIFIED·
TOLERANCE UNLESS OTHERWISE SPECIFIED:
MACHINED DIM· +/- -·
ANGULAR +/- 1 deg·
FABRICATED DIM· +/- 2·
THIS DRAWING IS PART OF SPECIFICATION TCS-014


INTELLIGENT TRANSPORT SYSTEMS
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VICTORIA, 3101
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FAX (03) 9854 2319


CHECKED R·S· 5/98
APPROVED B· HEARN 8/5/98
CAT:
PROJ:
FILE:
SCALE OF METRES HOR NTS VER

vicroads

STANDARD DRAWING
STREET LIGHTING

# SLIP BASE POLE ASSEMBLY GROUND SET MOUNTED

| FILE NO. | SPEC. REF. | SHEET NO. | DRAWING NO. | AMEND. |
|---|---|---|---|---|
| | | | TC-1065 | D |