

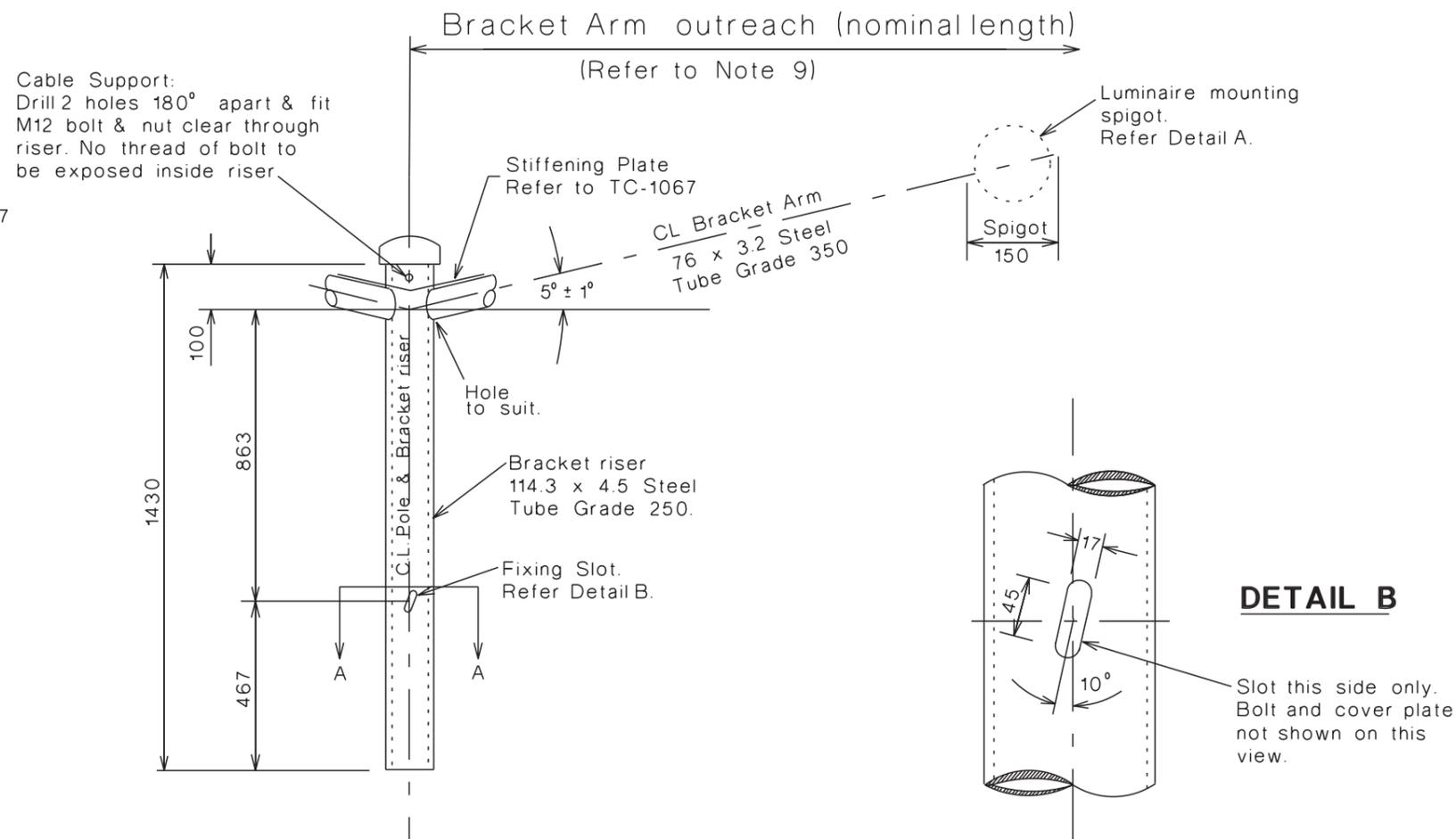
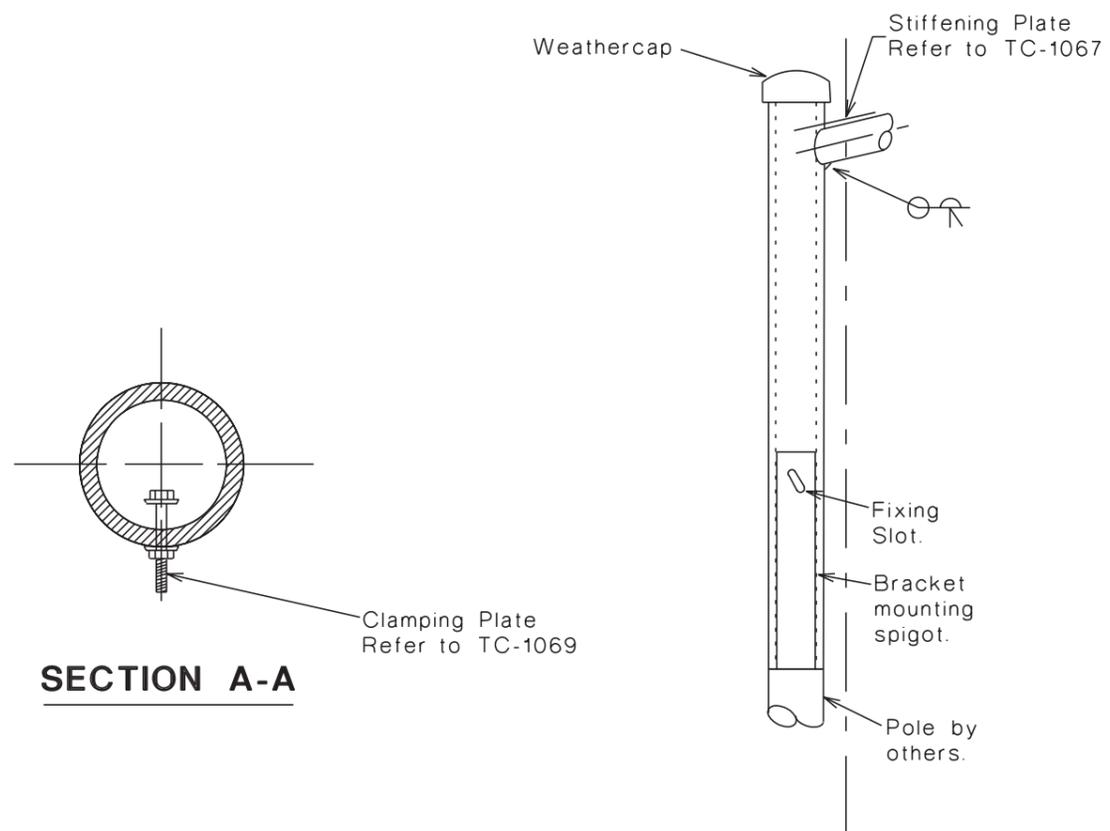
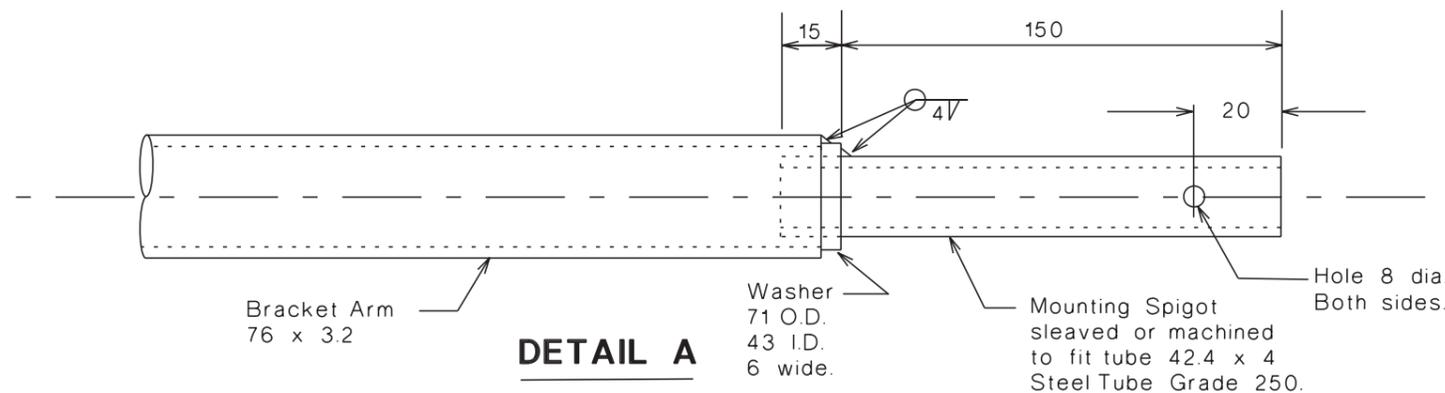
VicRoads (DTP) Standard Drawings

Street Lighting (1050-1099)

Drawing No.		Title
TC-1060		Withdrawn
TC-1061	D	<i>Bracket Single & Double Type 2 – currently under review</i>
TC-1062	D	Distribution Box – Foundation Detail
TC-1063		Withdrawn
TC-1064	B	Impact Absorbing Pole Assembly – Ground Set Mounted
TC-1065	E	Slip Base Pole Assembly – Ground Set Mounted
TC-1066		Withdrawn
TC-1067	A	<i>Bracket - Single & Double -Stiffening Plate– currently under review</i>
TC-1068		Rigid Street Lighting Pole-Base Section
TC-1069		<i>Clamping Plate - Pole To Spigot– currently under review</i>
TC-1070	A	Cable Support for Outreach
TC-1071	C	Impact Absorbing Pole – Electrical Installation Details
TC-1072	C	Slip Base Pole – Electrical Installation Details
TC-1073	B	Slip Base Pole – Electrical Disconnect Details
TC-1074	B	Distribution Cabinet Type-2 – Foundation Detail
TC-1075	A	Distribution Cabinet Type-2 – Rag-bolt Assembly
TC-1076	A	Pole Location Identifier
TC-1077		Typical Location Numbering Arrangement
TC-1078		Pole Labe Installation Location

NOTES:

1. Remove all sharp edges and burrs.
2. All tubular work shall comply with AS1163 & AS1074.
3. All welding shall comply with AS/NZS1554.1 Category SP, using E41XX electrodes.
4. All parts to be galvanised after fabrication to AS/NZS4680.
5. All pipe threads shall comply with AS1722 - Part 2.
6. Install cable support after galvanising.
7. Weathercap to TC-1108.
Install weathercap after galvanising.
8. Bracket outreach - length as specified, up to 5.0 metres maximum for 10.5 kg luminaire or 4.5 metres maximum for 15 kg luminaire.
9. All dimensions are in millimeters
10. Bracket to comply with relevant power company standard requirements.
11. Dimensions are common to both single & double outreach brackets unless otherwise stated.
12. Unless otherwise specified, all steel shall be Steel Tube Grade 250 and Grade 350 for bracket arm.
13. All welds shall be 6mm fillet unless otherwise specified.
14. Completed bracket assembly shall be clearly labelled "Type 2".
15. See TC-1067 for detail of Stiffening Plate.



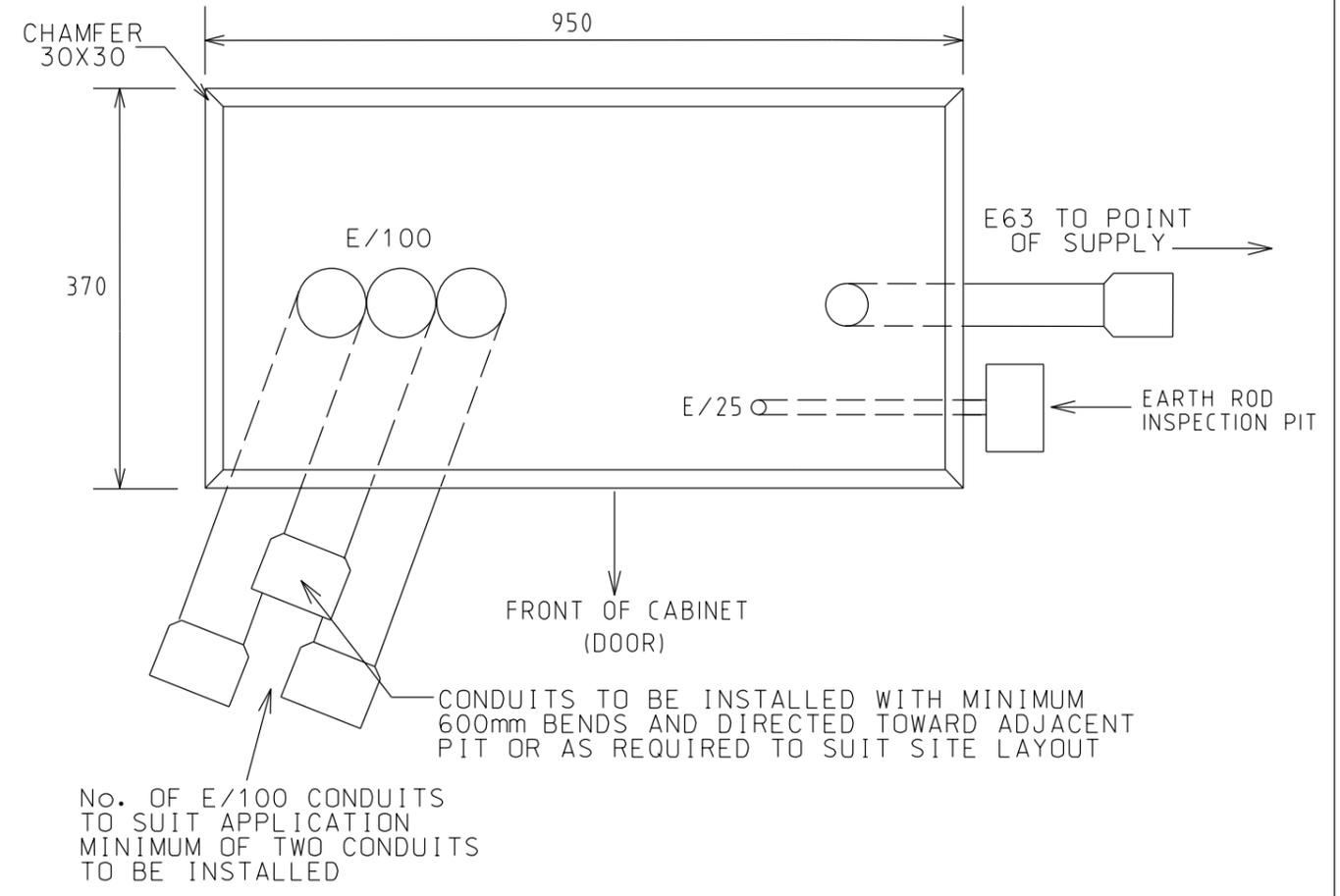
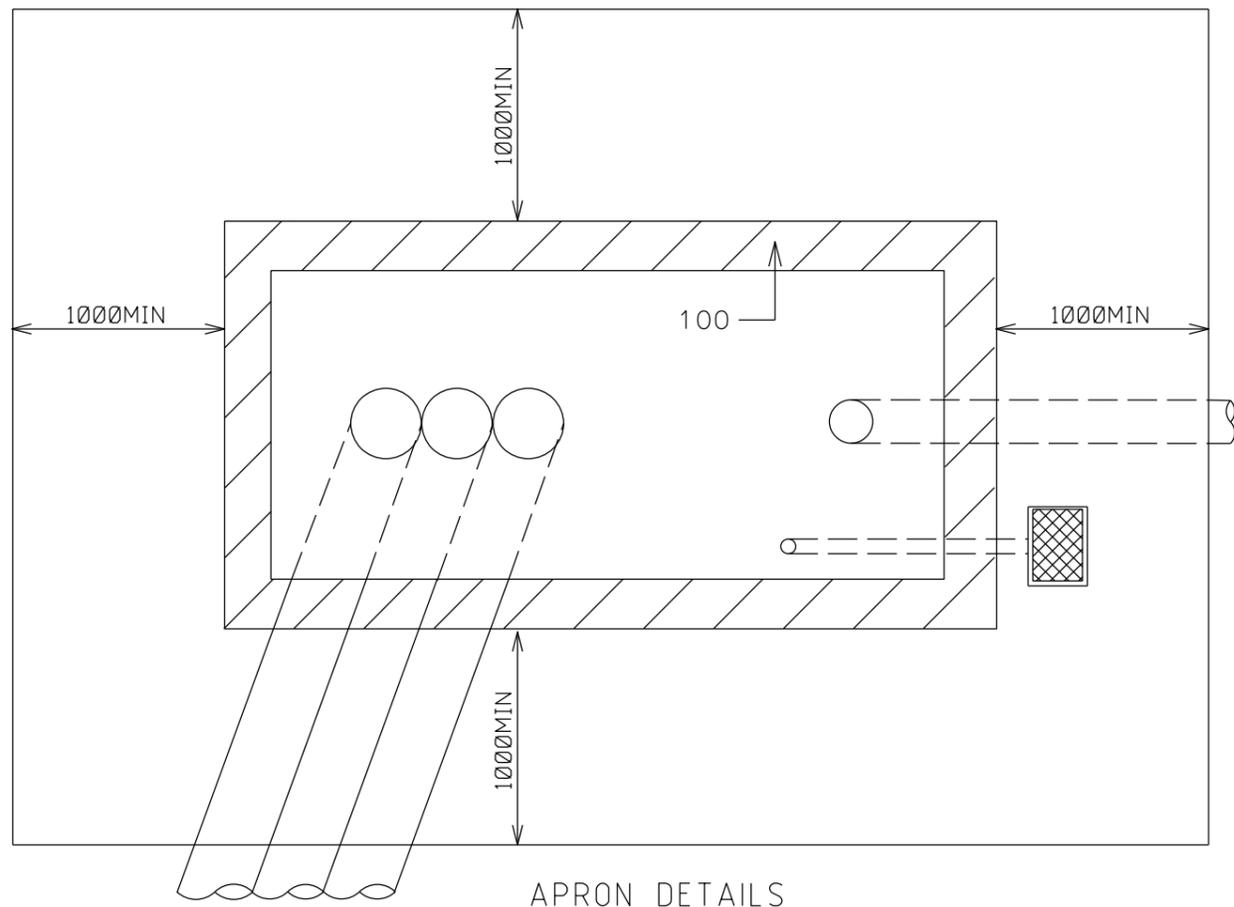
E			
D	SB	19/9/06	REFERENCE TO SEC DELETED
C	RS	6/01	AS/NZS STANDARDS UPDATED
B	RS	11/6/97	WELDS UPDATED
A	RS	4/6/97	STIFFENING PLATE ADDED
AMEND.	Appd.	DATE	AMENDMENTS

GENERAL NOTES / CROSS REFERENCES
UNSPECIFIED DIMENSIONS ARE IN mm.

ASSOCIATED DRAWINGS:
TC-1060, TC-1067, TC-1108,
TC-1069, TC-1070

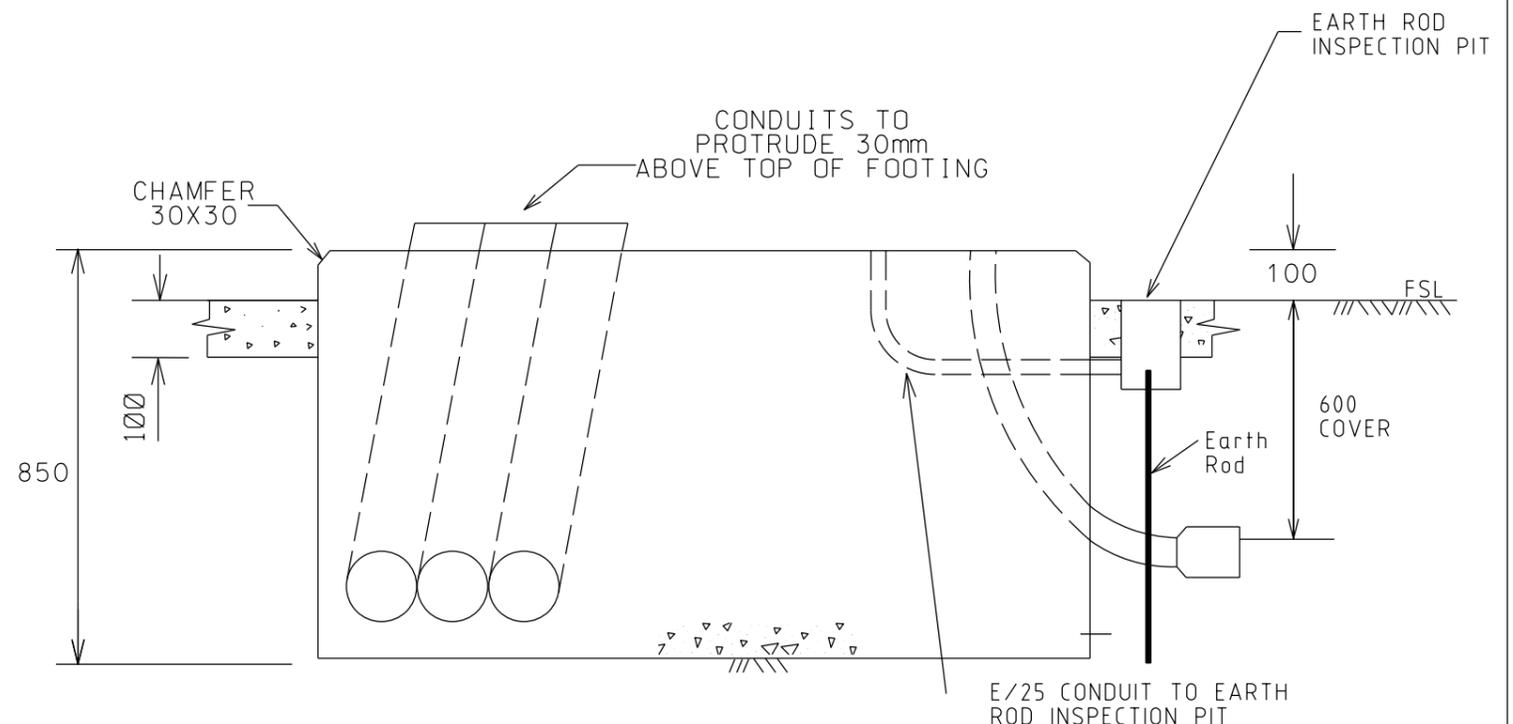


STANDARD DRAWING					
STREET LIGHTING BRACKET SINGLE & DOUBLE - TYPE 2					
UP TO 5m OUTREACH FOR 10.5 kg LUMINAIRE					
UP TO 4.5m OUTREACH FOR 15 kg LUMINAIRE					
CHECKED	DATE	APPROVED	DATE	SPEC. REF.	SHEET No.
R.S.	9/9/96	B. HEARN	11/9/96		
		MANAGER ITS		DRAWING No.	AMENDMENT
				TC-1061	D



CONDUIT SPECIFICATION (TO AS 2053)

- E/100 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 100 DIA
- E/63 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 63 DIA
- E/25 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 25 DIA



- GENERAL NOTES (CONTINUED)
- 4 A CLEARANCE OF 1000mm MUST BE MAINTAINED IN FRONT OF THE CABINET
 - 5 FOUNDATION TO BE MINIMUM CLEARANCE OF 500mm TO BACK OF KERB AND 200mm FROM BUILDING LINES, POLES, ETC
 - 6 CONDUIT ARRANGEMENT TO COMPLY WITH STANDARD DRAWING TC-1207
 - 7 100mm ON EACH SIDE TO BE KEPT CLEAR OF CONDUITS FOR CABINET BASE RETURN (REFER HATCHED AREA IN APRON DETAILS)

ISSUE	APP'D	DATE	AMENDMENT
E			
D	ZS	12/23	APRON DIMENSIONS AND NOTES UPDATE
C	SP	13/2/13	DIMS NOTES AND TITLE BLOCK UPDATED
B	SB	19/09/96	EARTH ROD INSP PIT & SINGLE PHASE DIM
A	RS	12/01	NOTE 4 DELETED

- GENERAL NOTES / CROSS REFERENCES
- 1 UNSPECIFIED DIMENSIONS ARE IN mm
 - 2 IN UNSEALED AREAS, A COURTESY APRON SHALL BE PROVIDED CONSISTING OF 100MM THICK CONCRETE WITH SL82 MESH EXTENDING 1000MM AROUND THE FOOTING (APRON NOT REPRESENTED TO SCALE ON DRAWING)
 - 3 CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF STANDARD SECTION 610 USING A MINIMUM CONCRETE GRADE OF VR400/40

DESIGNED
RS 26/10/96

APPROVED
B HEARN 28/10/96

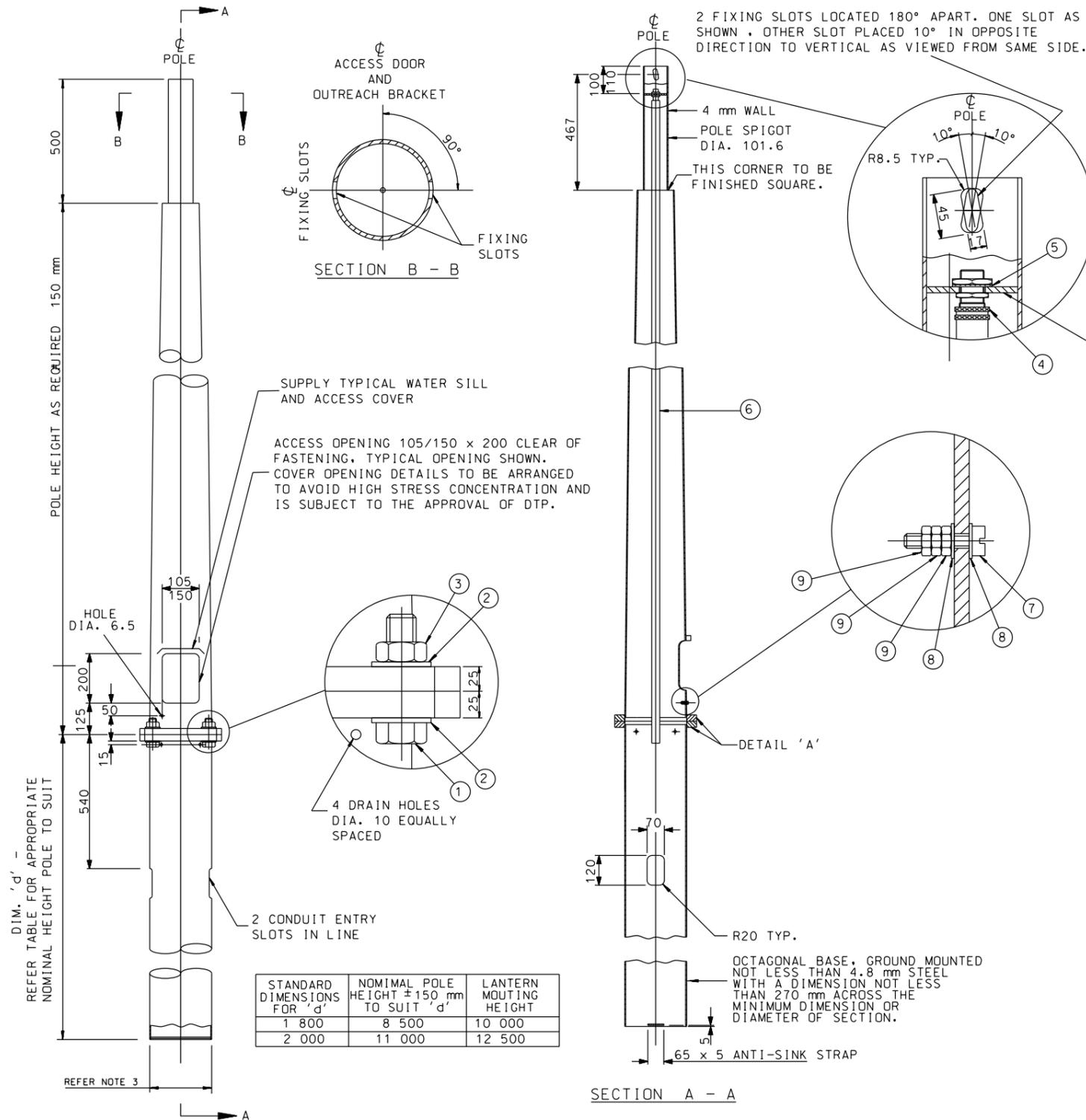
CAT: Street Lighting
PROJ (a)General
FILE: TC-1062.dgn

SCALE OF METRES

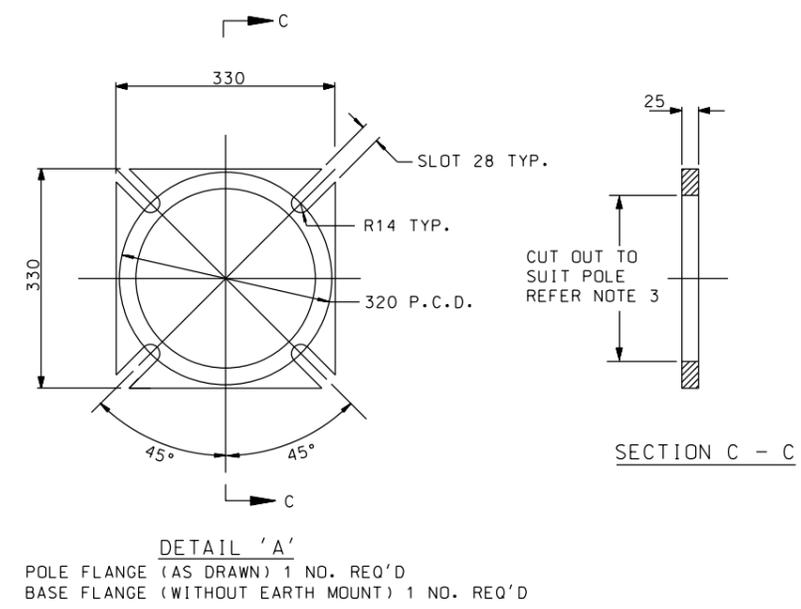
HOR _____

VER _____

STANDARD DRAWING				
STREET LIGHTING				
DISTRIBUTION BOX-FOUNDATION DETAIL				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-1062	D



ITEM	QTY.	DESCRIPTION
1	4	BOLT, HEX. HD. M24 x 3.0 x 110 LNG. TO ISO COMMERCIAL GRADE GALVANIZED.
2	8	WASHER, FLAT, 24 I.D. x 44 O.D. x 4 THICK GALVANIZED.
3	4	NUT, HEX. M24 x 3.0 GALVANIZED
4	1	BRASS COUPLING FOR P.V.C. CONDUIT CAT. No. E43M.
5	1	STEEL LOCK WASHER EXTERNAL TOOTH TYPE DIA. 25 mm
6	1	P.V.C. FLEXIBLE CONDUIT 25 I.D. x 32 O.D. LENGTH TO SUIT POLE HEIGHT.
7	1	STAINLESS STEEL, CHEESE HD. SCREW, M6 x 1.0 x 30 LNG.
8	2	STAINLESS STEEL, FLAT WASHER 6 I.D. x 12 O.D. x 1.2 THICK.
9	3	STAINLESS STEEL, HEX. NUT M6 x 1.0



- GENERAL NOTES (CONTINUED)
- ALL FABRICATIONS TO BE FINALLY HOT DIP GALVANIZED ACCORDING TO AS/NZS 4680 AFTER GALVANIZING ADDITIONAL PROTECTIVE COATING TO BE APPLIED TO OCTAGONAL BASE IN ACCORDANCE WITH THE SPECIFICATION
 - THE PVC FLEXIBLE CONDUIT SHALL BE STRAIGHT AND FREE OF KINKS, TWISTS AND BENDS TO ENABLE FREE TRAVEL OF THE DRAW WIRE AND ELECTRICAL CABLES
 - THE DRAW WIRE SHALL BE FASTENED TO FIXING SLOTS FOR TRANSPORT
 - POLE TOP SECTION SHALL BE TEK SCREWED TO LOWER SECTION
 - NUTS AND BOLTS TO BE RE-RUN AFTER GALVANIZING
 - MAY BE PLATE SET MOUNTED ON RAG BOLT ASSEMBLY REFER TO DRAWING TC-1601

ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C			
B	ZS	12/23	UPDATED NOTES
A	RS	6/01	AS/NZS STANDARD UPDATED

GENERAL NOTES

- UNSPECIFIED DIMENSIONS ARE IN mm
- ALL SLOTS, HOLES AND BOLTS ARE TO BE CLEAR OF EXCESS GALVANIZING, METAL BURRS ETC
- ALL IMPACT ABSORBING POLES ARE TO BE FULLY ASSEMBLED PRIOR TO DELIVERY
- MAXIMUM POLE DIAMETER/DIMENSION CONTROLLED BY NEED TO ENSURE CLEARANCE BETWEEN BOLT, WASHERS AND WELD
- CENTRE LINE OF POLE TO BE PERPENDICULAR TO BASE PLANE PLUS OR MINUS 1°
- IN EACH CASE THE CONDUIT MOUNT SHALL BE CAPABLE OF SUPPORTING A LOAD OF 500N
- MATERIAL M.S EXCEPT WHERE OTHERWISE SPECIFIED

CHECKED
RS 26/10/96

APPROVED
B HEARN 28/10/96

CAT: Street Lighting
PROJ (a)General
FILE TC-1064.dgn

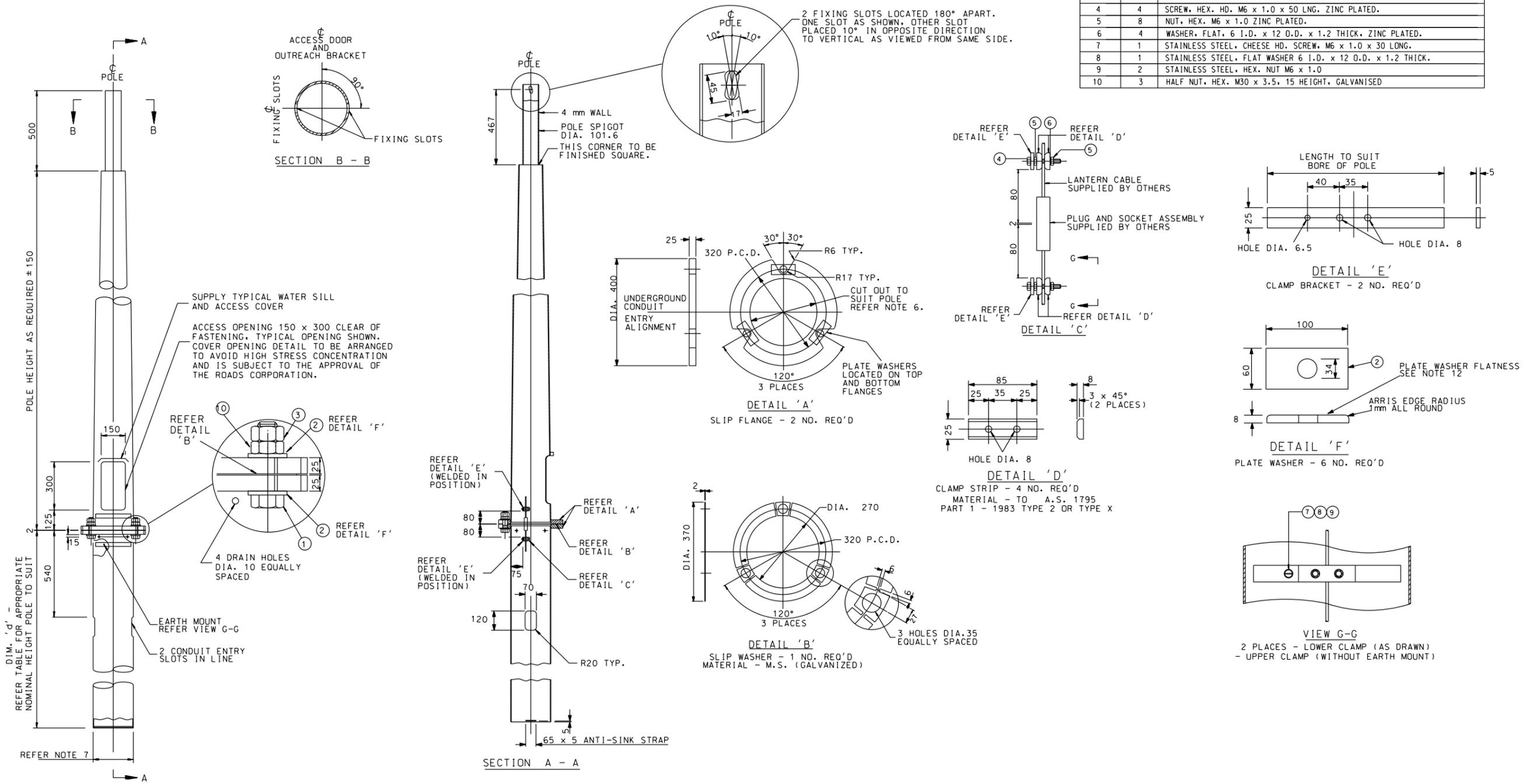
SCALE OF METRES

HOR _____

VER _____

STANDARD DRAWING STREET LIGHTING				
IMPACT ABSORBING POLE ASSEMBLY GROUND SET MOUNTED				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1064	ISSUE B

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



STANDARD DIMENSIONS FOR 'd'	NOMINAL POLE HEIGHT ±150, mm TO SUIT 'd'	LANTERN MOUNTING HEIGHT
1 800	8 500	10 000
2 000	11 000	12 500
2 500	13 500	15 000

- GENERAL NOTES (CONTINUED)
- MAXIMUM POLE DIAMETER/DIMENSION CONTROLLED BY NEED TO ENSURE CLEARANCE BETWEEN BOLT, WASHERS AND WELD
 - CENTRE LINE OF POLE TO BE PERPENDICULAR TO BASE SLIP PLANE PLUS OR MINUS 1°
 - POLE TOP SECTION SHALL BE TEK SCREWED TO LOWER SECTION
 - ALL SLOTS, HOLES AND BOLTS ARE TO BE CLEAR OF EXCESS GALVANIZING, METAL BURRS ETC
 - MATERIAL M.S EXCEPT WHERE OTHERWISE SPECIFIED
 - ALL FABRICATIONS TO BE FINALLY HOT DIP GALVANIZED ACCORDING TO AS/NZS 4680 AFTER GALVANIZING ADDITIONAL PROTECTIVE COATING TO BE APPLIED TO OCTAGONAL BASE IN ACCORDANCE WITH THE SPECIFICATION
 - NUTS AND BOLTS TO BE RE-RUN AFTER GALVANIZING
 - PLATE WASHER OUT-OF-FLATNESS TOLERANCE NOT TO EXCEED 0.5MM OVER 100mm
 - SLIP WASHER TO BE INSTALLED CONCENTRIC WITH SLIP FLANGE

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

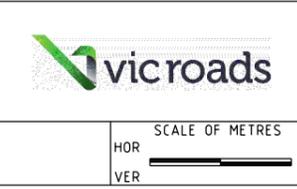
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E	ZS	12/23	UPDATED NOTES
D	SP	22/5/17	REPLACE NOTE 2
C	SP	1/4/08	SEE AMENDMENT C NOTES
B	RS	06/01	AS/NZS STANDARD UPDATED
A	RS	08/98	DRAIN HOLES DIMENSIONED

- GENERAL NOTES
- UNSPECIFIED DIMENSIONS ARE IN mm
 - ALL SLIP BASE POLES ARE TO BE FULLY ASSEMBLED PRIOR TO DELIVERY
 - M30 SLIP BASE BOLTS ARE TO BE FULLY TIGHTENED TO A TORQUE OF 150Nm ON ASSEMBLY AND RE-TORQUED TO TCN 006 UPON INSTALLATION
 - SLIP BASE BOLTS WASHERS SHOULD NOT FOUL THE STEM TO BASE PLATE WELDS
 - SLIP PLANE SURFACES OF FLANGES ARE TO BE FREE OF ANY PROTRUSIONS OR IRREGULARITIES

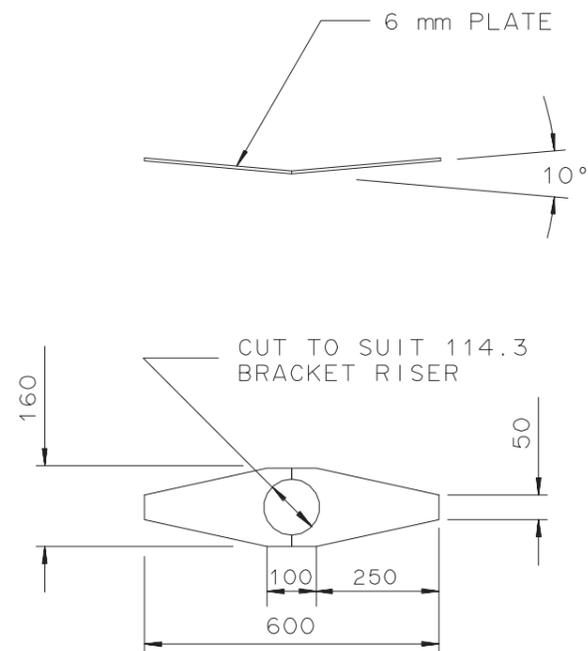
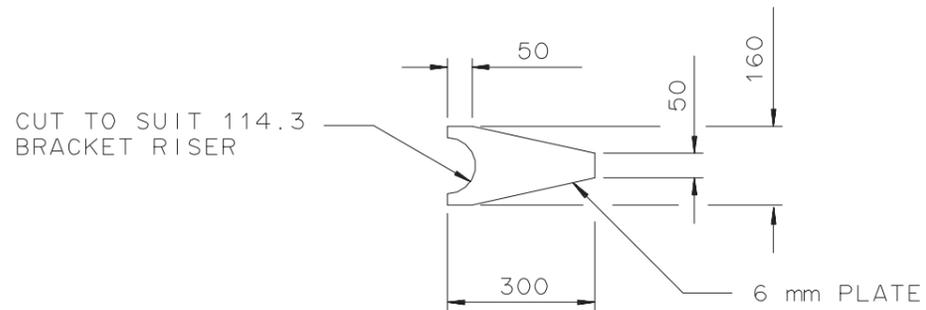
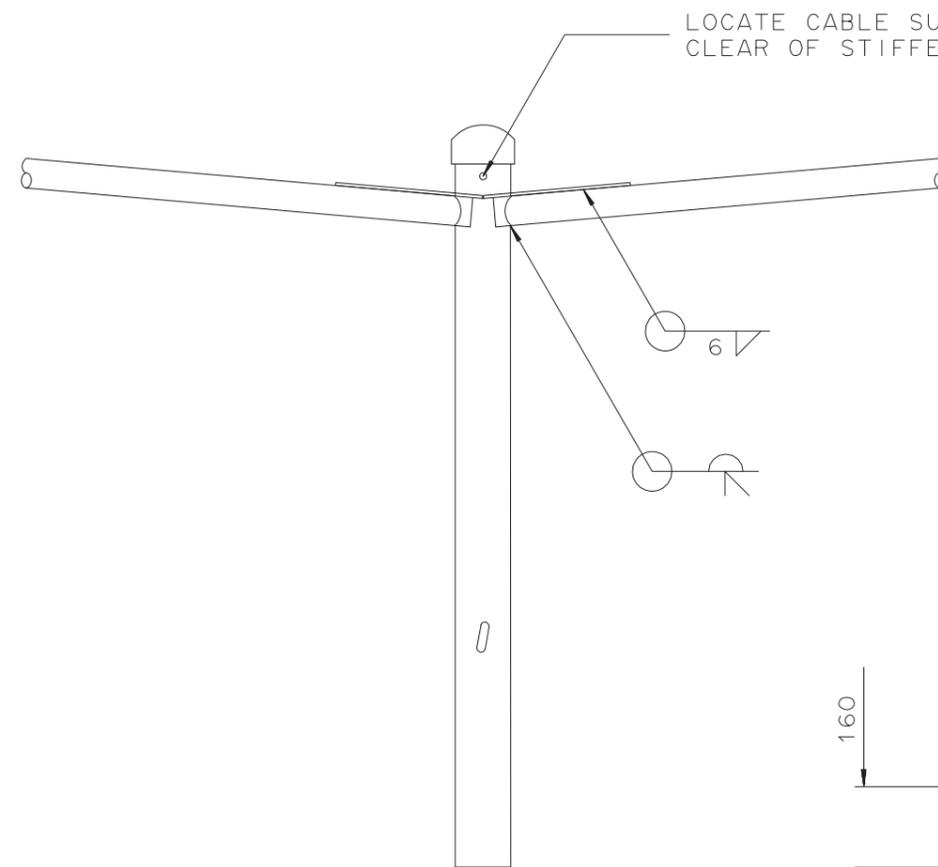
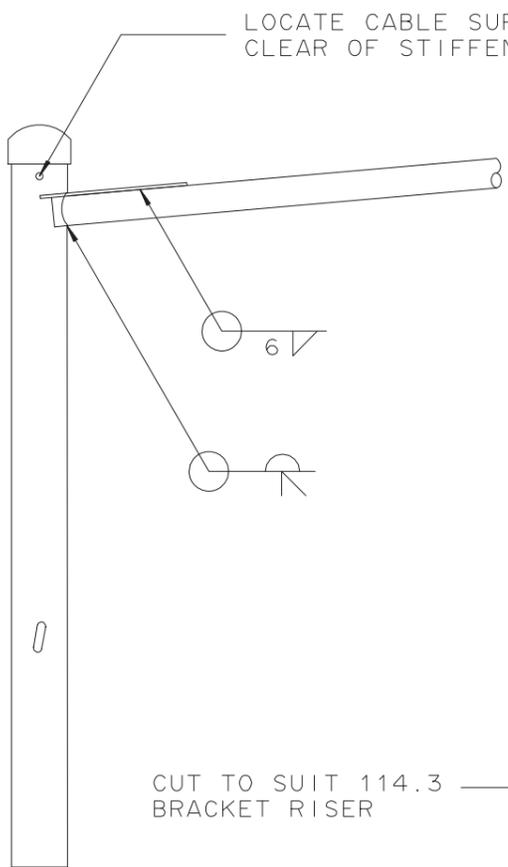
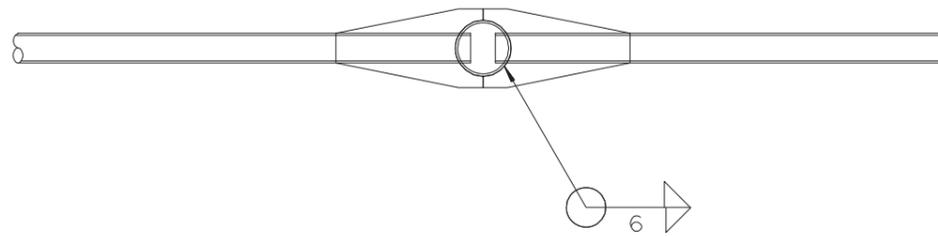
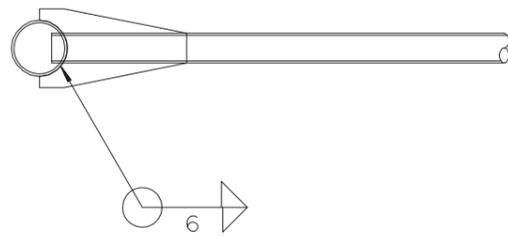
CHECKED
RS 5/98

APPROVED
B HEARN 8/5/98

CAT: Street Lighting
PROJ (a)General
FILE: TC-1065.dgn



STANDARD DRAWING STREET LIGHTING				
SLIP BASE POLE GROUND SET MOUNTED				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1065	ISSUE E



E			
D			
C			
B			
A	RS	6/97	WELDS UPDATED
AMEND.	Appd.	DATE	AMENDMENTS

GENERAL NOTES / CROSS REFERENCES
 UNSPECIFIED DIMENSIONS ARE IN mm.
 ASSOCIATED DRAWINGS:
 TC-1060, TC-1061

vicroads 
 TRAFFIC AND ROAD USE
 MANAGEMENT DEPARTMENT

TRAFFIC SYSTEM OPERATION

STANDARD DRAWING
 STREET LIGHTING BRACKET
 SINGLE AND DOUBLE
 TYPE-1 AND TYPE-2
 STIFFENING PLATE

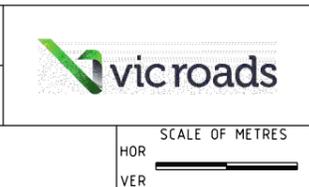
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RS	4/6/97	BH	6/97			TC-1067	A
		T.S.O. MANAGER					



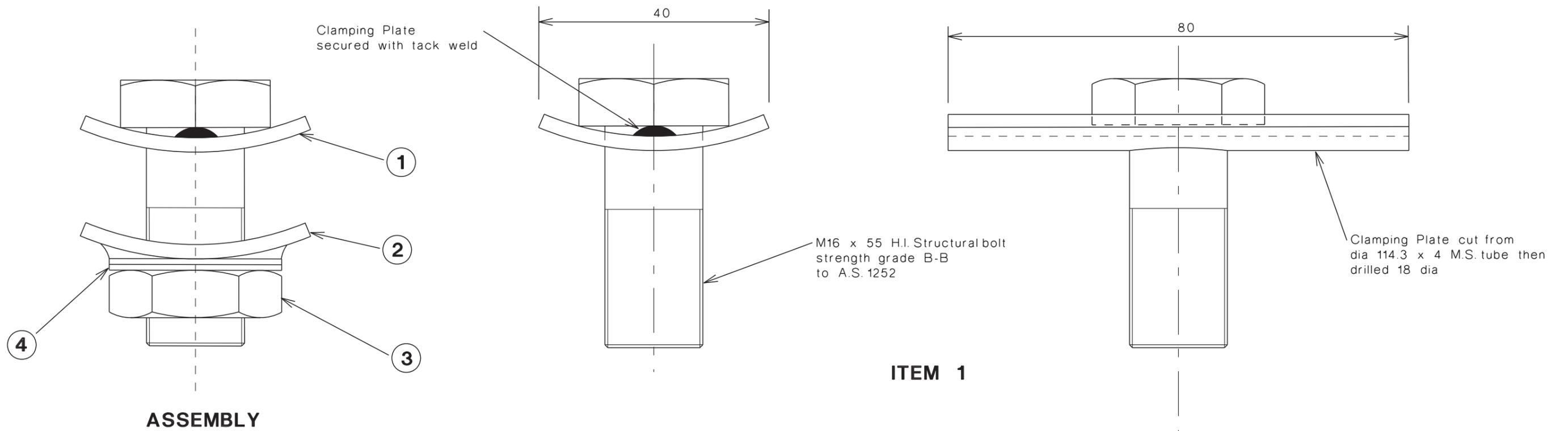
ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C			
B			
A			

GENERAL NOTES
 1 UNSPECIFIED DIMENSIONS ARE IN mm
 2 IDAF - INTERNAL DIAMETER ACROSS FLATS
 3 ODAF - OUTSIDE DIAMETER ACROSS FLATS
 4 POLE CROSS SECTION SHAPE SHALL BE OCTAGONAL
 5 FOR USE WITH STREET LIGHTING EXTENSION UP TO A MAXIMUM LUMINAIRE MOUNTING HEIGHT OF 15 metres
 6 BASE PLATE TO TC-1107

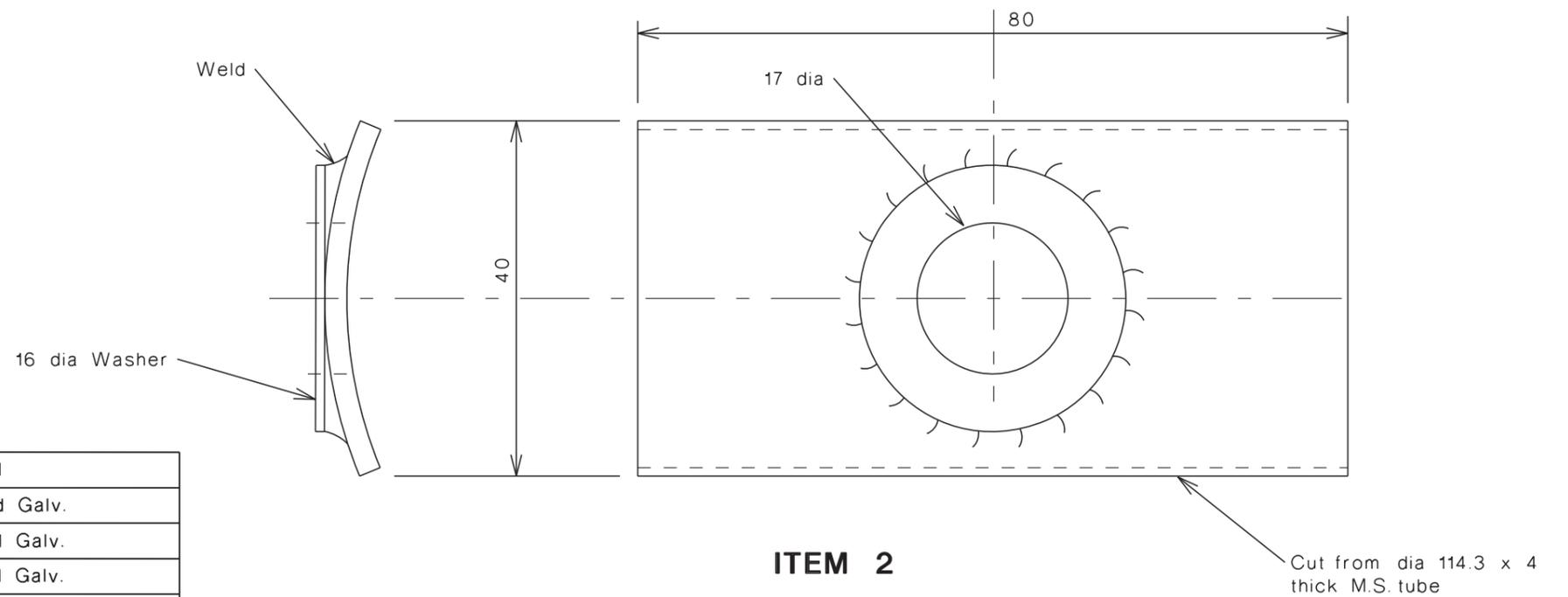
CHECKED
 R S 17/02/2000
 APPROVED
 B H 23/02/2000
 CAT: Street Lighting
 PROJ (a)General
 FILE: TC-1068.dgn



STANDARD DRAWING STREET LIGHTING				
RIGID STREET LIGHTING POLE BASE SECTION				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1068	ISSUE



ITEM 1



Heat Treatment for Item 1 Only:
Temper for 45 minutes minimum at 430° to 450°
before Pickling or Galvanising

4	16 dia Flat Washer	1	M.S	Galvanised
3	Nut, M16	1	M.S	Hot Dipped Galv.
2	External Clamping Plate	1	Steel	Hot Dipped Galv.
1	Internal Clamping Plate	1	Steel	Hot Dipped Galv.
ITEM	DESCRIPTION	No. OFF	MATERIAL	REMARKS

E			
D			
C			
B			
A			
AMEND.	Appd.	DATE	AMENDMENTS

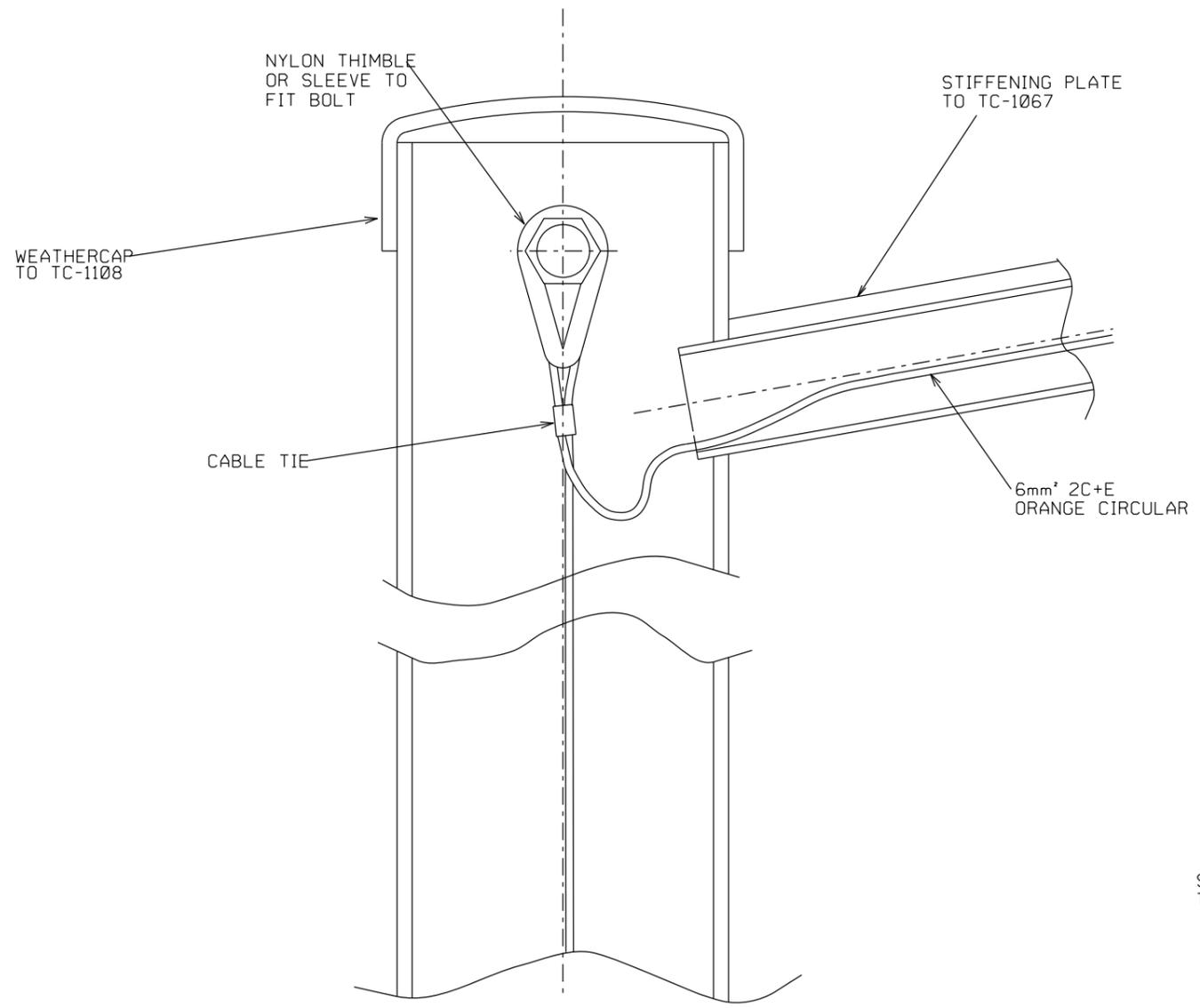
GENERAL NOTES / CROSS REFERENCES
UNSPECIFIED DIMENSIONS ARE IN mm.

ASSOCIATED DRAWINGS:
TC-1060, TC-1061

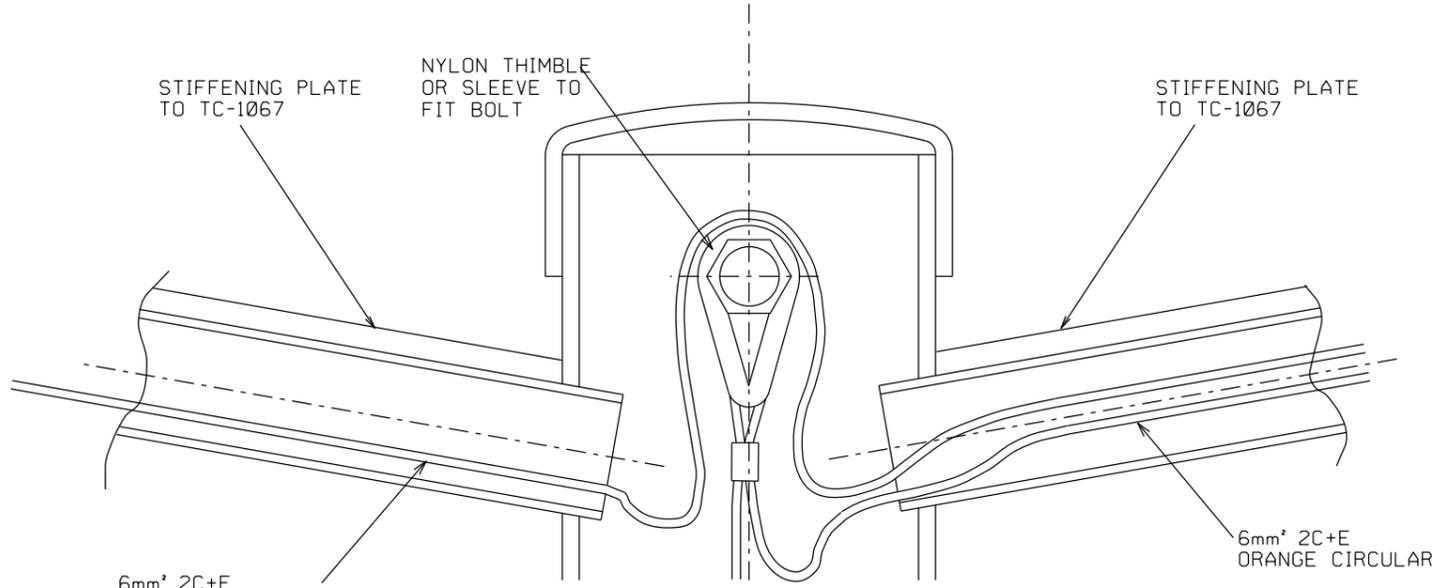
vic roads

INTELLIGENT TRANSPORT
SYSTEMS GROUP

STANDARD DRAWING									
STREET LIGHTING									
CLAMPING PLATE - BRACKET TO POLE SPIGOT									
CHECKED	DATE	APPROVED	DATE	SPEC. REF.	SHEET No.	DRAWING No.	AMENDMENT		
SP	18/9/06	SB	19/9/06			TC-1069			
		MANAGER ITS							



SINGLE OUTREACH DETAIL



DOUBLE OUTREACH DETAIL

E			
D			
C			
B			
A	Z S	12/23	CHANGED CABLE TO ORANGE CIRCULAR
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES / CROSS REFERENCES
UNSPECIFIED DIMENSIONS ARE IN mm

DESIGNED
S P 18/09/06

APPROVED
S B 19/09/06

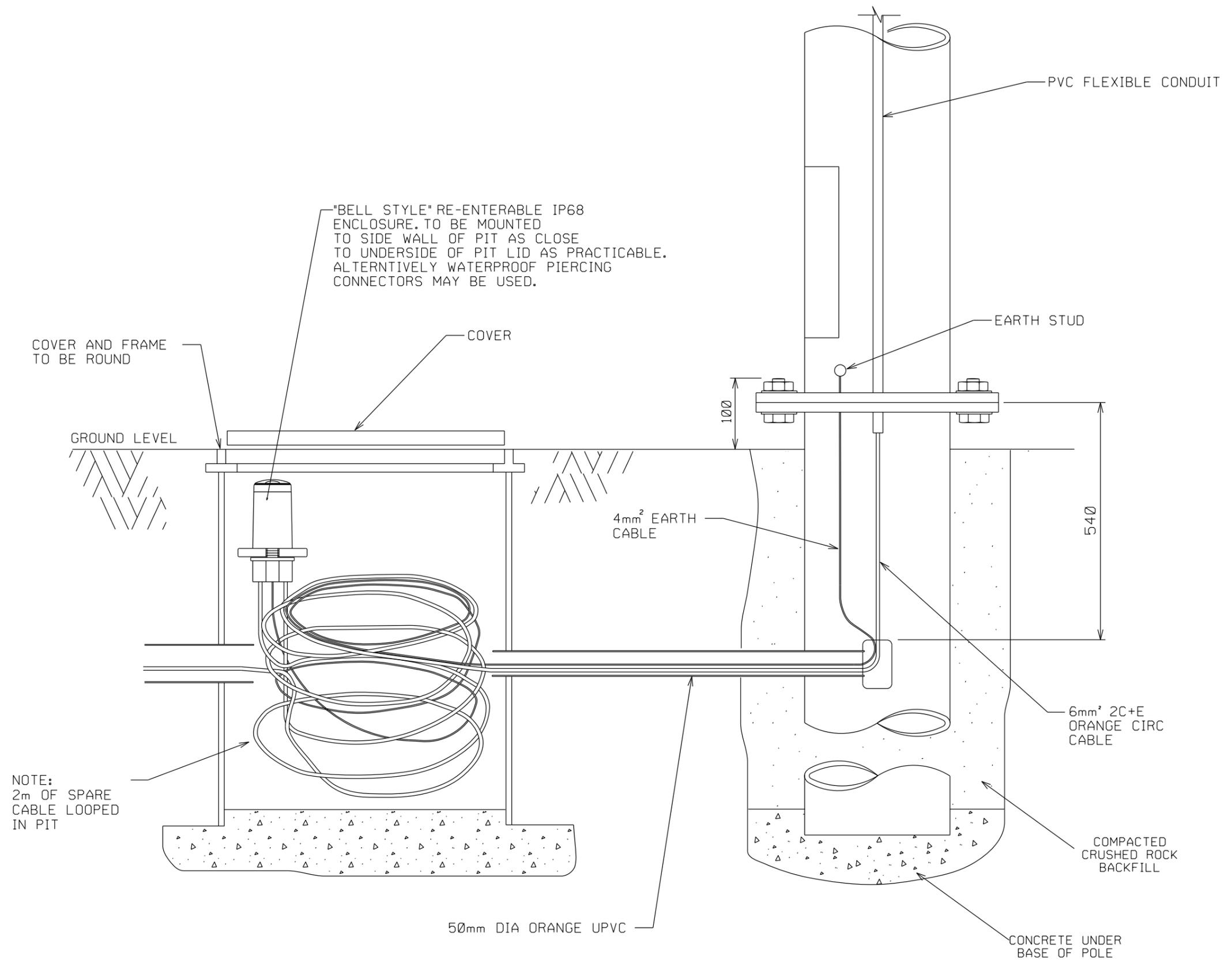
CAT: Street Lighting
PROJ (a)General
FILE: TC-1070.dgn

SCALE OF METRES

HOR _____

VER _____

STANDARD DRAWING STREET LIGHTING CABLE SUPPORT FOR OUTREACH				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1070	ISSUE A



"BELL STYLE" RE-ENTERABLE IP68 ENCLOSURE. TO BE MOUNTED TO SIDE WALL OF PIT AS CLOSE TO UNDERSIDE OF PIT LID AS PRACTICABLE. ALTERNATIVELY WATERPROOF PIERCING CONNECTORS MAY BE USED.

COVER AND FRAME TO BE ROUND

GROUND LEVEL

COVER

4mm² EARTH CABLE

EARTH STUD

PVC FLEXIBLE CONDUIT

NOTE:
2m OF SPARE CABLE LOOPED IN PIT

6mm² 2C+E ORANGE CIRC CABLE

COMPACTED CRUSHED ROCK BACKFILL

50mm DIA ORANGE UPVC

CONCRETE UNDER BASE OF POLE

E			
D			
C	ZS	12/23	CHANGE PIT TO POLE AND POLE INTERNAL CABLE TO O/C
B	SP	1/9/17	CHANGE CABLE AND NEW NOTE
A	SP	1/6/14	INCLUSION OF BELL STYLE ENCLOSURE
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES
 1 UNSPECIFIED DIMENSIONS ARE IN mm
 2 NO ADDITIONAL CABLE JOINTS ARE ALLOWED BETWEEN THE JOINT IN THE ELECTRICAL PIT AND THE LUMINAIRE
 3 ASSOCIATED DRAWINGS TC-1210, TC-1220 AND TC-1230

CHECKED
S P 18/09/06

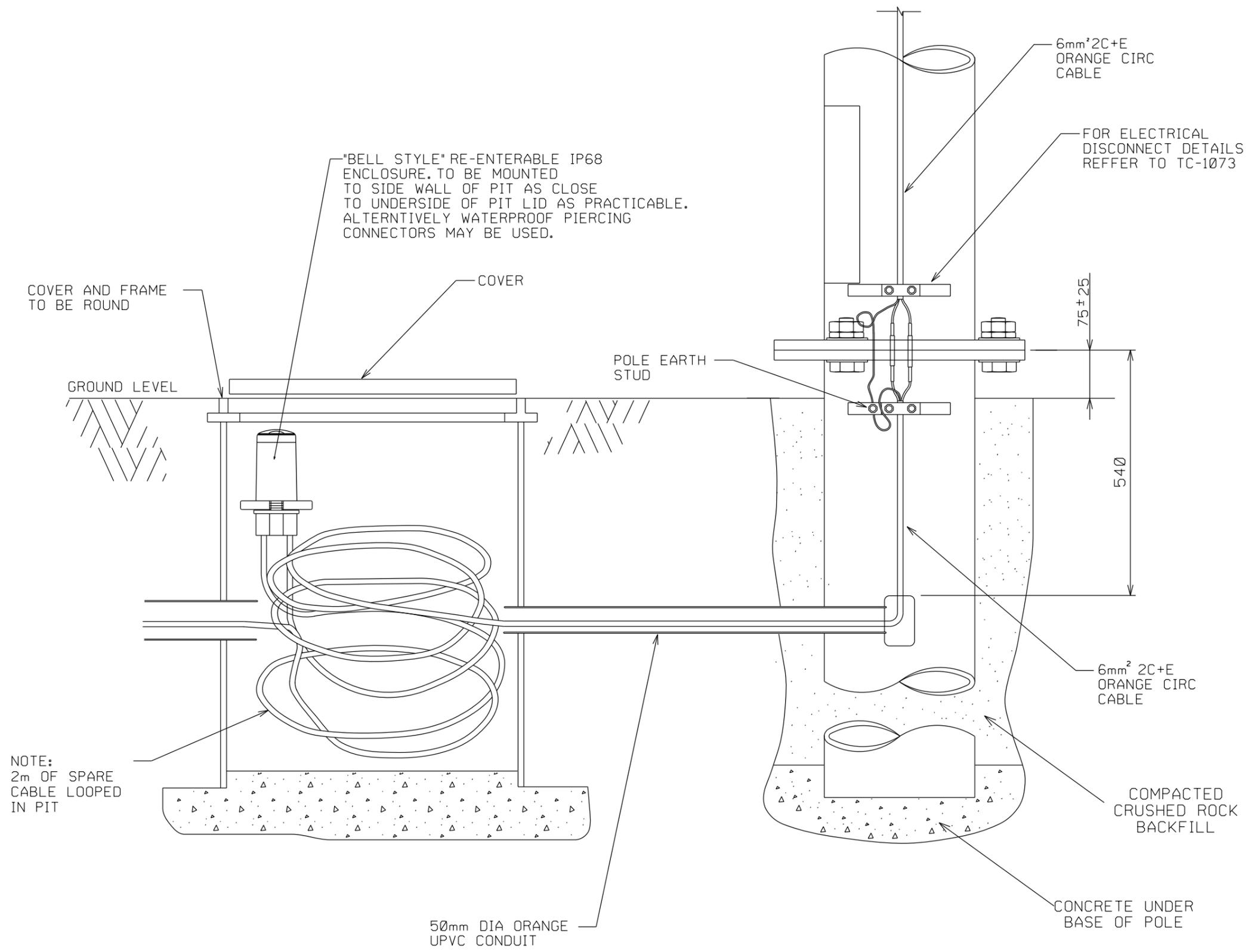
APPROVED
S B 19/09/06

CAT: Street Lighting
 PROJ (a)General
 FILE: TC-1071.dgn



SCALE OF METRES
 HOR
 VER

STANDARD DRAWING STREET LIGHTING				
IMPACT ABSORBING POLE ELECTRICAL INSTALLATION DETAILS				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1071	ISSUE C



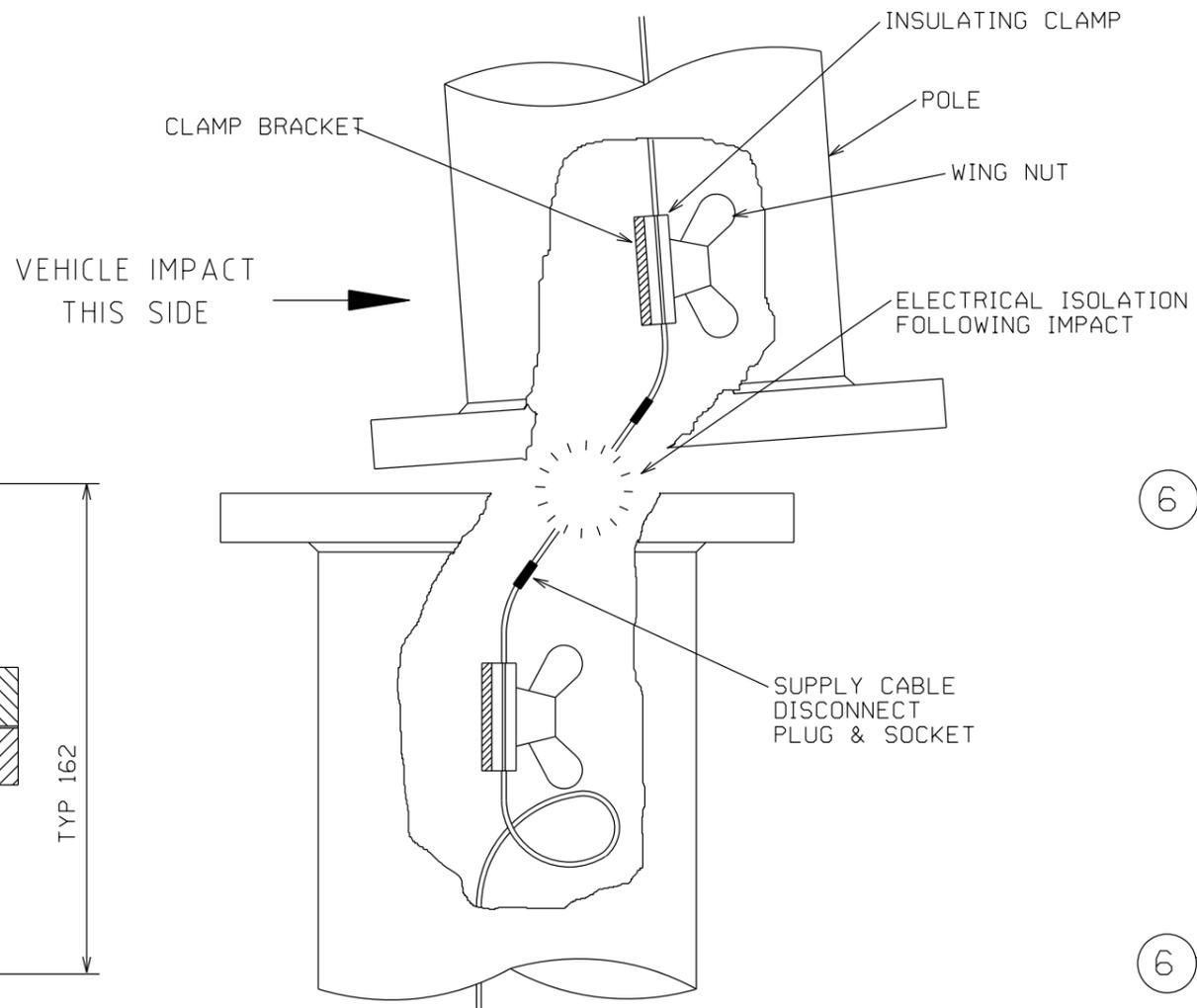
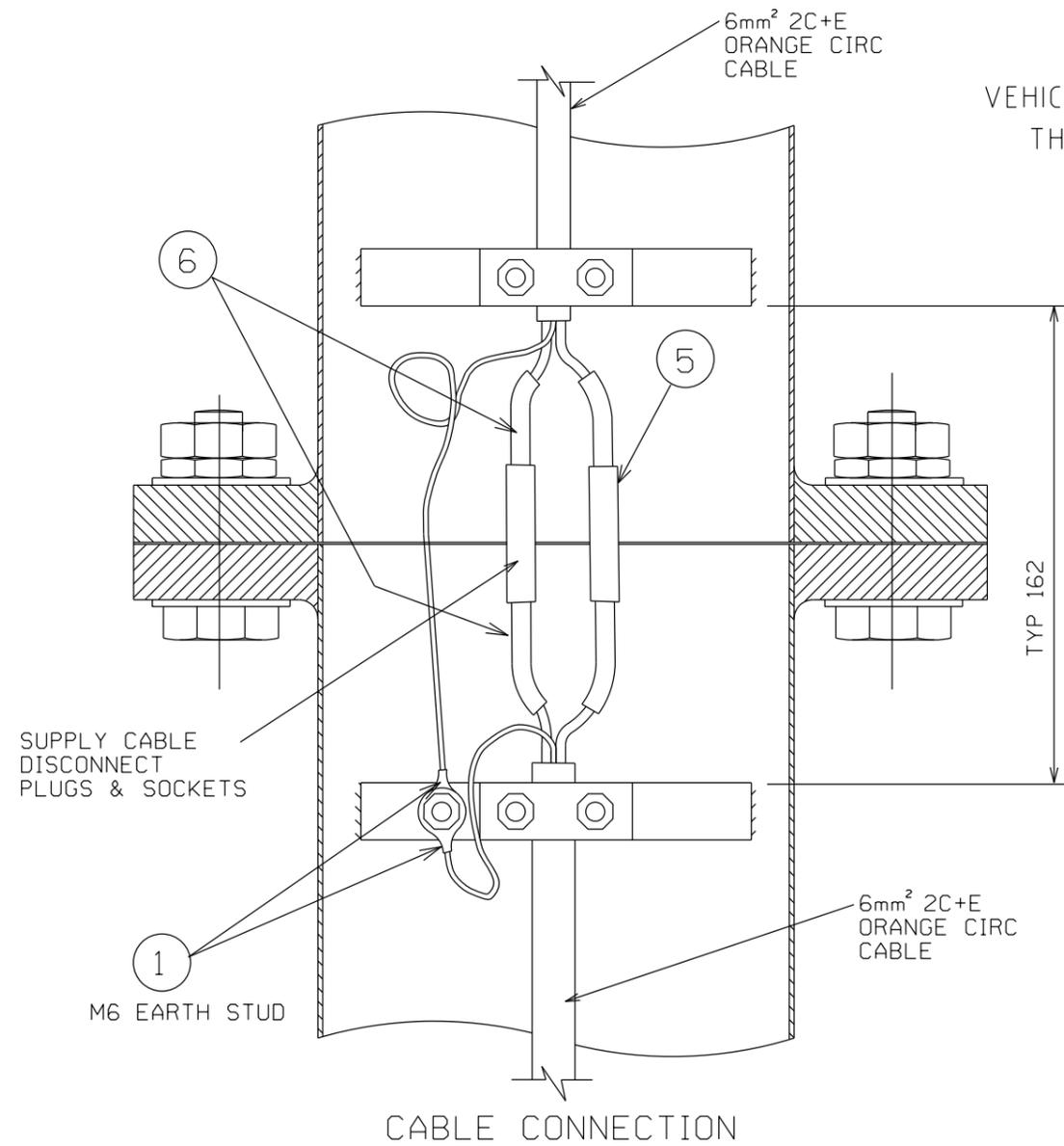
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D			
C	ZS	12/23	CHANGE PIT TO POLE AND POLE INTERNAL CABLE TO O/C
B	SP	1/9/17	CHANGE CABLE AND NEW NOTE
A	SP	1/6/14	INCLUSION OF BELL STYLE ENCLOSURE
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES
 1 UNSPECIFIED DIMENSIONS ARE IN mm
 2 NO ADDITIONAL CABLE JOINTS ARE ALLOWED BETWEEN THE JOINT IN THE ELECTRICAL CABLE PIT AND THE DISCONNECT JOINT NOR BETWEEN THE DISCONNECT JOINT AND THE LUMINAIRE
 3 ASSOCIATED DRAWINGS TC-1210, TC-1220, TC-1230 AND TC-1073

CHECKED
 S P 18/09/06
 APPROVED
 S B 19/09/06
 CAT: Street Lighting
 PROJ (a)General
 FILE: TC-1072 dgn

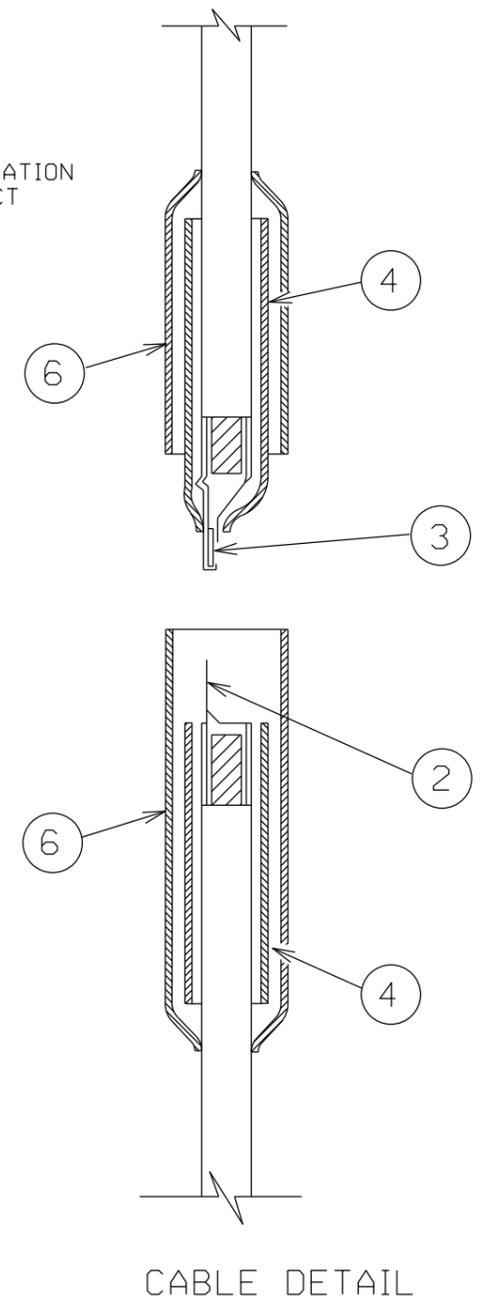
SCALE OF METRES
 HOR _____
 VER _____

STANDARD DRAWING STREET LIGHTING				
SLIP BASE POLE ELECTRICAL INSTALLATION DETAILS				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1072	ISSUE C



ELECTRICAL DISCONNECTION

ITEM	DESCRIPTION
1	Lug, Cable Crimp 6
2	Utilux connector Cat. No. H2846 or similar approved
3	Utilux connector Cat. No. H3562 or similar approved
4	Sleeve, Heatshrink with Inner Mastic 19/5
5	Tubing Polyolefin 13/6, Red
6	Tubing Polyolefin 13/6, Black



ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C			
B	ZS	12/23	GENERAL DETAILS UPDATE, CABLE CHANGE TO ORANGE CIRC
A	SP	1/9/17	CABLE CHANGE

GENERAL NOTES
UNSPECIFIED DIMENSIONS ARE IN mm

CHECKED
S P 18/09/06

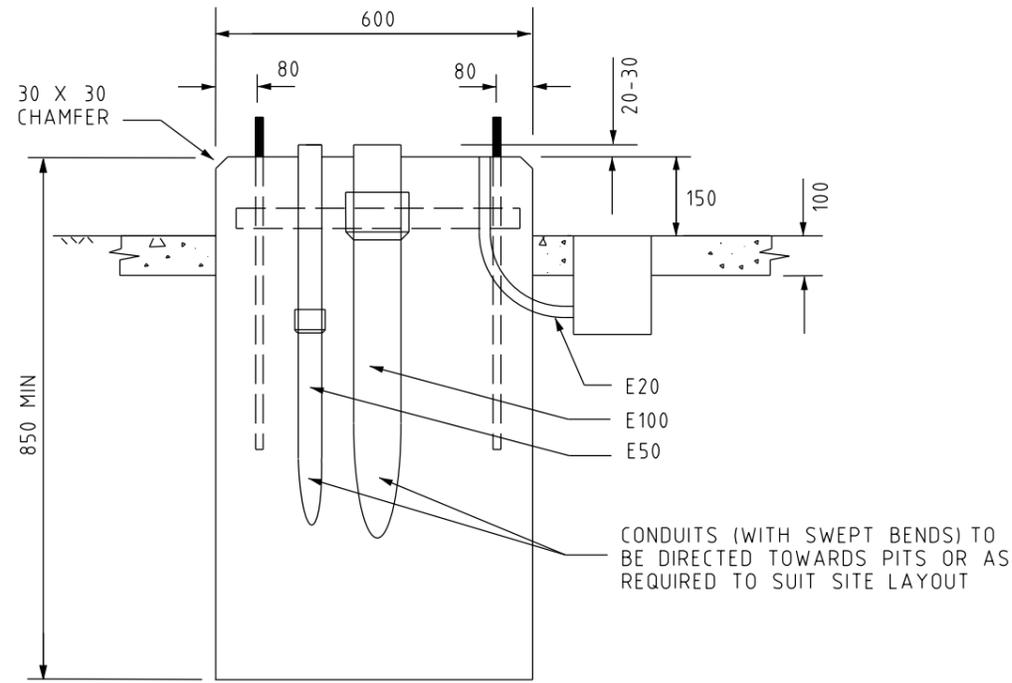
APPROVED
S B 19/09/06

CAT: Street Lighting
PROJ (a)General
FILE: TC-1073.dgn

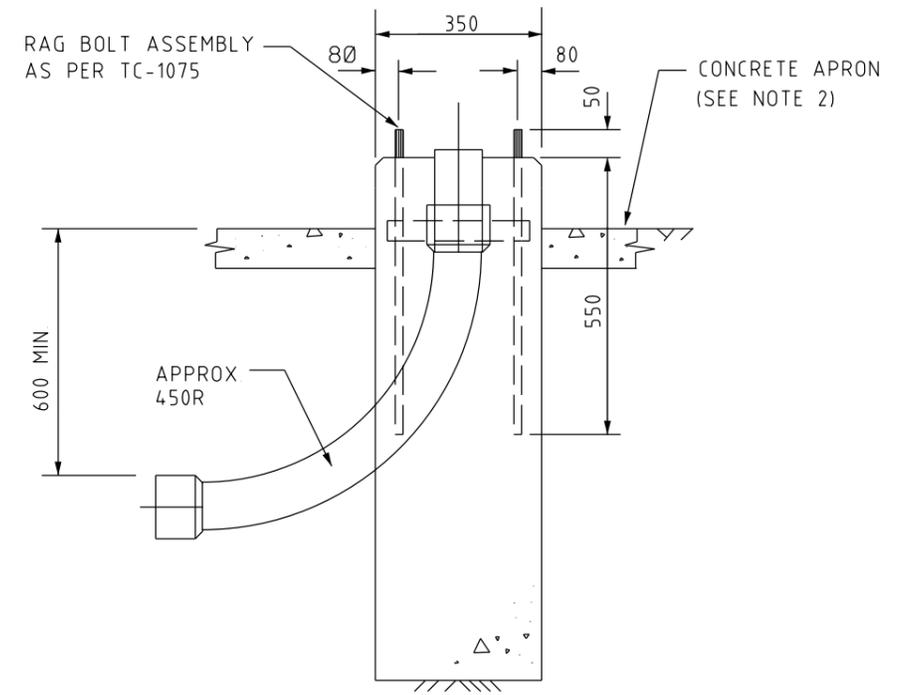


SCALE OF METRES
HOR
VER

STANDARD DRAWING				
SLIP BASE POLE ELECTRICAL DISCONNECT DETAILS				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-1073	B

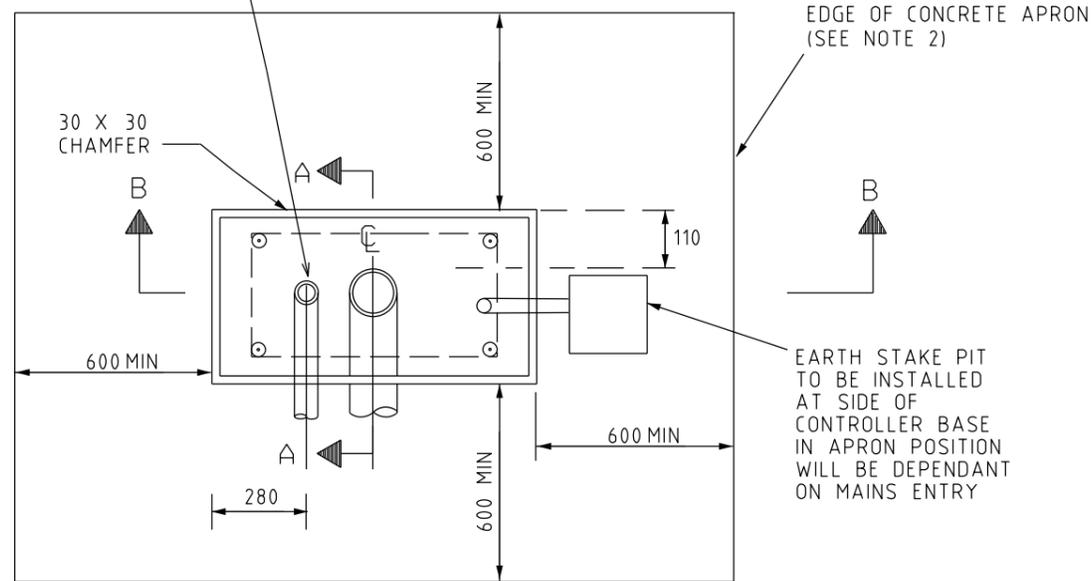


SECTION B-B



SECTION A-A

SUPPLY AUTHORITIES MAINS ENTRY DIRECTED TO POINT OF SUPPLY



FRONT OF CABINET (DOOR)
FOUNDATION DETAIL PLAN

CONDUIT SPECIFICATION (TO AS 2053)

- E100 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 100 dia
- E50 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 50 dia
- E20 = ELECTRICAL (ORANGE) HEAVY DUTY CONDUIT 20 dia

GENERAL NOTES (CONTINUED)

- 5 FOUNDATION TO BE MINIMUM CLEARANCE OF 500mm TO BACK OF KERB AND 200mm FROM BUILDING LINES, POLES etc

GENERAL NOTES

- 1 UNSPECIFIED DIMENSIONS ARE IN mm
- 2 IN UNSEALED AREAS A COURTESY APRON SHALL BE PROVIDED CONSISTING OF 100mm THICK CONCRETE WITH SL82 MESH EXTENDING 600MM AROUND THE FOOTING (APRON NOT REPRESENTED TO SCALE ON DRAWING)
- 3 CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF STANDARD SECTION 610 USING A CONCRETE GRADE OF VR400/40
- 3 THREADED PORTION OF RAG BOLTS TO BE COATED WITH GRAPHITE GREASE OR SIMILAR AND PROTECTED FROM DAMAGE DURING ASSEMBLY
- 4 A CLEARANCE OF 1000mm MUST BE MAINTAINED IN FRONT OF THE CABINET.

DESIGNED
S Purhill 24/04/14

APPROVED
W Harvey 24/04/14

CAT Street Lighting
PROJ (a)General
FILE TC-1074 dgn

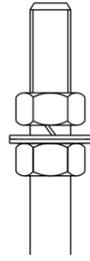


SCALE OF METRES
HOR
VER

STANDARD DRAWING
DISTRIBUTION CABINET
TYPE-2 - FOUNDATION DETAIL

ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C			
B	ZS	12/23	UPDATED NOTES AND APRON DETAILS
A	S.P	23/5/17	CONCRETE APRON INCREASED

FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-1074	B



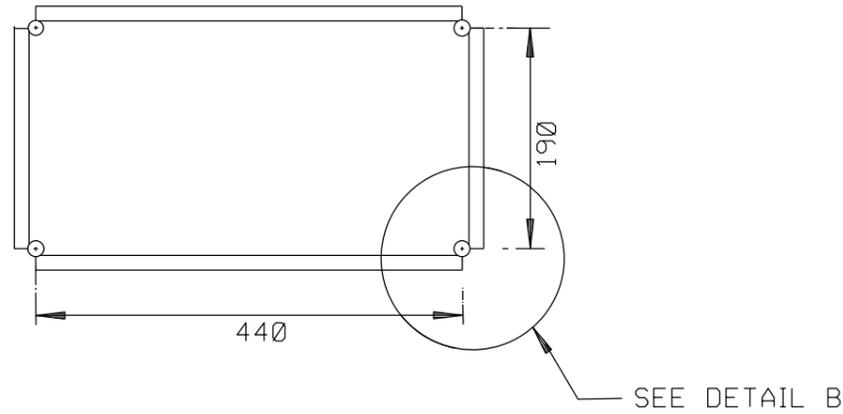
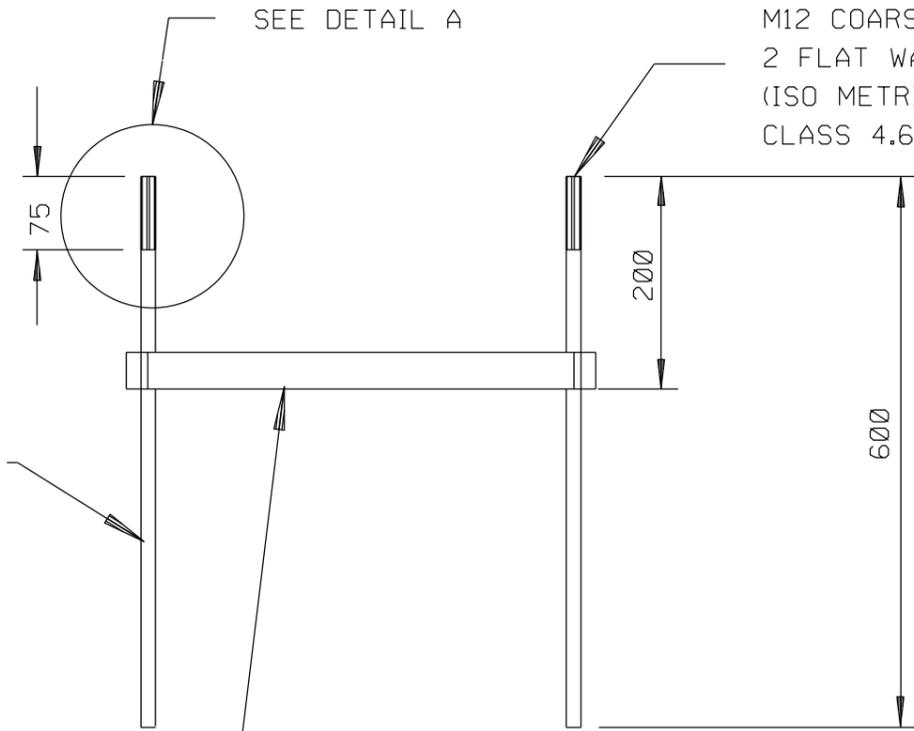
DETAIL A

SEE DETAIL A

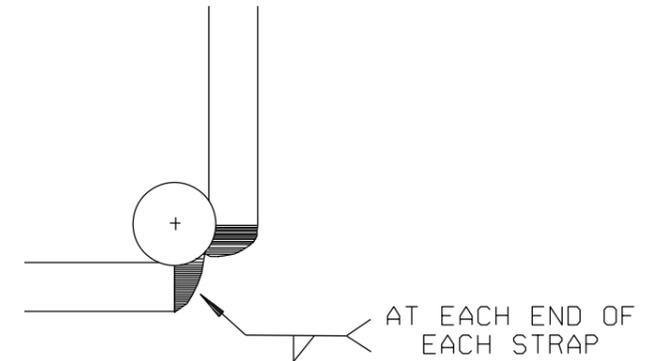
M12 COARSE THREAD BOLTS EACH ASSEMBLED WITH 2 NUTS,
2 FLAT WASHERS AND ONE SPRING WASHER ALL GALVANISED
(ISO METRIC HEXAGON BOLTS TO AS 1110.1 WITH PROPERTY
CLASS 4.6 TO AS 4291.1)

4 No. 12mm RAG
BOLTS, 600 LONG

4 No. 6X32 BLACK STEEL STRAP
WELDED TO RAG BOLTS.



SEE DETAIL B



DETAIL B

E			
D			
C			
B			
A	S.P.	12/23	UPDATE BOLT REFERENCE
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES
1 UNSPECIFIED DIMENSIONS ARE IN mm
2 RAG BOLTS TO BE USED FOR TYPE-2 DISTRIBUTION
CABINET (TC-1074)

CHECKED
J RANDALL 21/12/95

APPROVED
B HEARN 21/12/95

CAT: Street Lighting
PROJ (a)General
FILE: TC-1075.dgn



SCALE OF METRES
HOR
VER

FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1075	ISSUE A
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STANDARD DRAWING
RAG BOLT ASSEMBLY FOR TYPE-2
DISTRIBUTION CABINETS

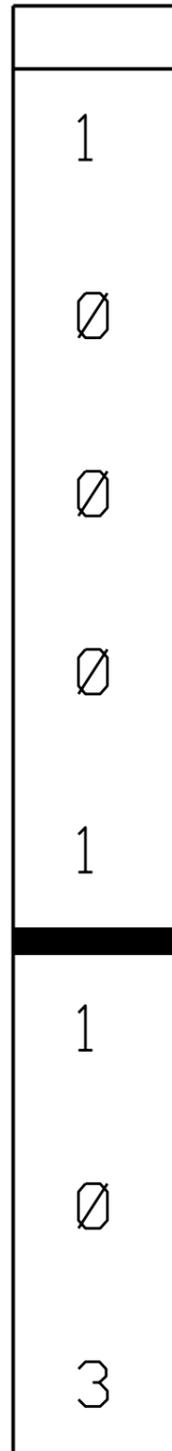
8 DIGIT POLE ASSET NUMBER

EXAMPLE

EG. LABEL: 10001103

CABINET SITE IDENTIFIER
NUMBER

POLE LOCATION IDENTIFIER
NUMBER



POLE LOCATION IDENTIFIER SYSTEM INSTRUCTION GUIDE

- 0 - INBOUND LHS LIGHTING AN ARTERIAL ROAD (001-099)
- 1 - OUTBOUND LHS LIGHTING AN ARTERIAL ROAD (101-199)
- 2 - CENTRE/MEDIAN LHS/RHS/CM LIGHTING AN ARTERIAL ROAD (201-299)
- 3 - FREEWAY RAMPS - 1B EXIT LHS/RHS (301-349) & 1B ENTRY (351-399)
- 4 - 1B FREEWAY THROUGH MOVEMENT - LHS ONLY (401-499) EXCL RAMP EXTENSION
- 5 - CENTRE/MEDIAN FREEWAY LHS/RHS/CM (501-549 & 551-599)
- 6 - ON ANY UNDER STRUCTURE (601-629)
- 6 - ON ANY BRIDGE STRUCTURE (631-699)
- 7 - OB FREEWAY THROUGH MOVEMENT - LHS ONLY (701-799) EXCL RAMP EXTENSION
- 8 - FREEWAY RAMPS - OB EXIT LHS/RHS (801-849) & OB ENTRY (851-899)
- 9 - FEATURE/ONLY PEDESTRIAN UNDER/BRIDGE OVER PASS LIGHTING
- 9 - TUNNEL/(ROW ID+SERIAL No) - FREEWAY PHONE ID (EG 10999+9188)

E			
D			
C			
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A	ZS	12/23	UPDATED NOTES, REMOVED REFERENCE TO INSTRUCTION GUIDE
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES
UNSPECIFIED DIMENSIONS ARE IN mm

ASSOCIATED DRAWINGS TC-1077, TC-1078, TC-2106
THIS DRAWING IS PART OF STANDARD SECTION 731

CHECKED
S P JUN '17

APPROVED
W H JUN '17

CAT: Street Lighting
PROJ (a)General
FILE: TC-1076.dgn

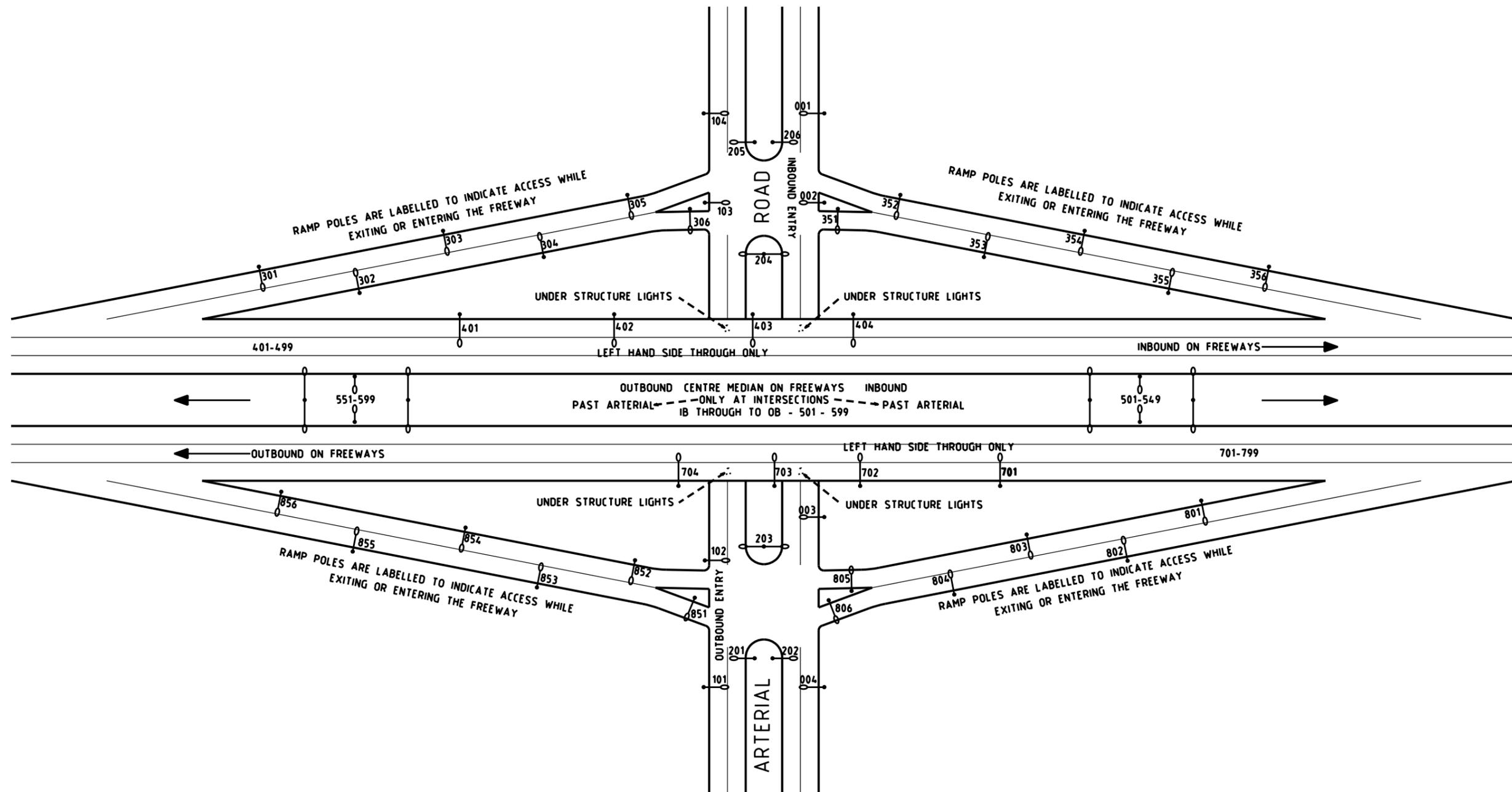


SCALE OF METRES

HOR _____

VER _____

STANDARD DRAWING STREET LIGHTING				
STREET LIGHTING LIGHTING POLE LOCATION IDENTIFIER				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1076	ISSUE A



E			
D			
C			
B			
A			
ISSUE	APP'D	DATE	AMENDMENT

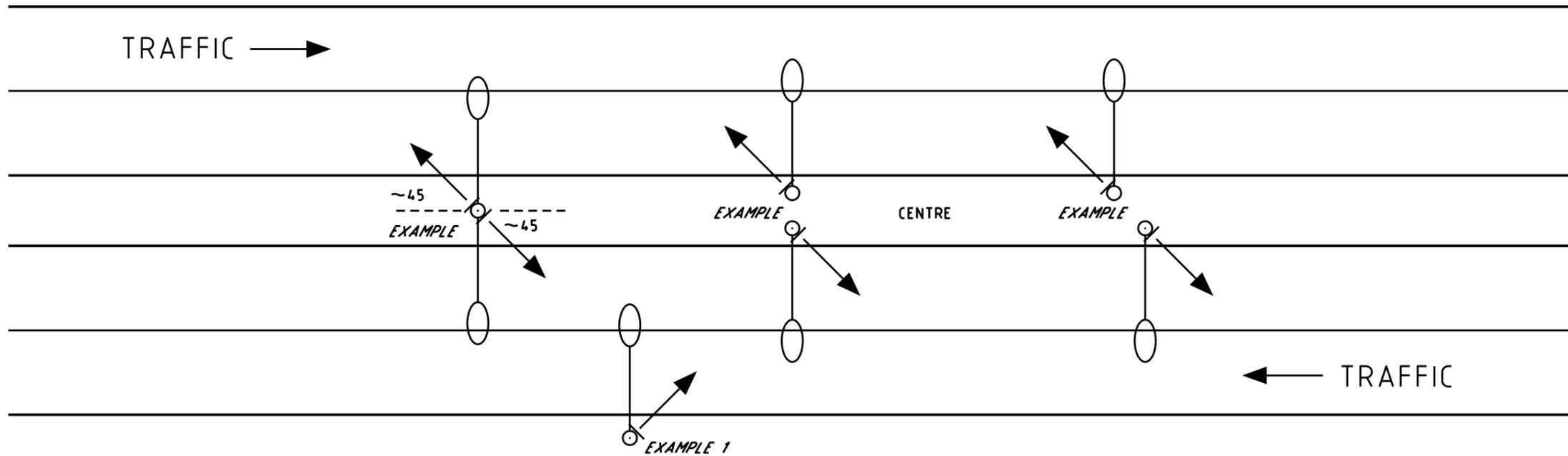
GENERAL NOTES / CROSS REFERENCES
 UNSPECIFIED DIMENSIONS ARE IN mm
 ASSOCIATED DRAWINGS: TC-1076, TC-1078, TC-2106
 THIS DRAWING IS PART OF STANDARD SECTION 731

DESIGNED
 S P JUN '17
 APPROVED
 W H JUN '17
 CAT: Street Lighting
 PROJ: (a)General
 FILE: TC-1077.dgn



SCALE OF METRES
 HOR _____
 VER _____

STANDARD DRAWING STREET LIGHTING				
TYPICAL POLE LOCATION NUMBERING ARRANGEMENT				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1077	ISSUE



E			
D			
C			
B			
A			
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES / CROSS REFERENCES
 UNSPECIFIED DIMENSIONS ARE IN mm
 ASSOCIATED DRAWINGS: TC-1076, TC-1077, TC-2106
 THIS DRAWING IS PART OF STANDARD SECTION 731

DESIGNED
 S P JUN '17
 APPROVED
 W H JUN '17
 CAT: Street Lighting
 PROJ (a)General
 FILE: TC-1078.dgn



SCALE OF METRES
 HOR _____
 VER _____

STANDARD DRAWING STREET LIGHTING				
STREET LIGHTING POLE LABEL INSTALLATION LOCATION				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO TC-1078	ISSUE