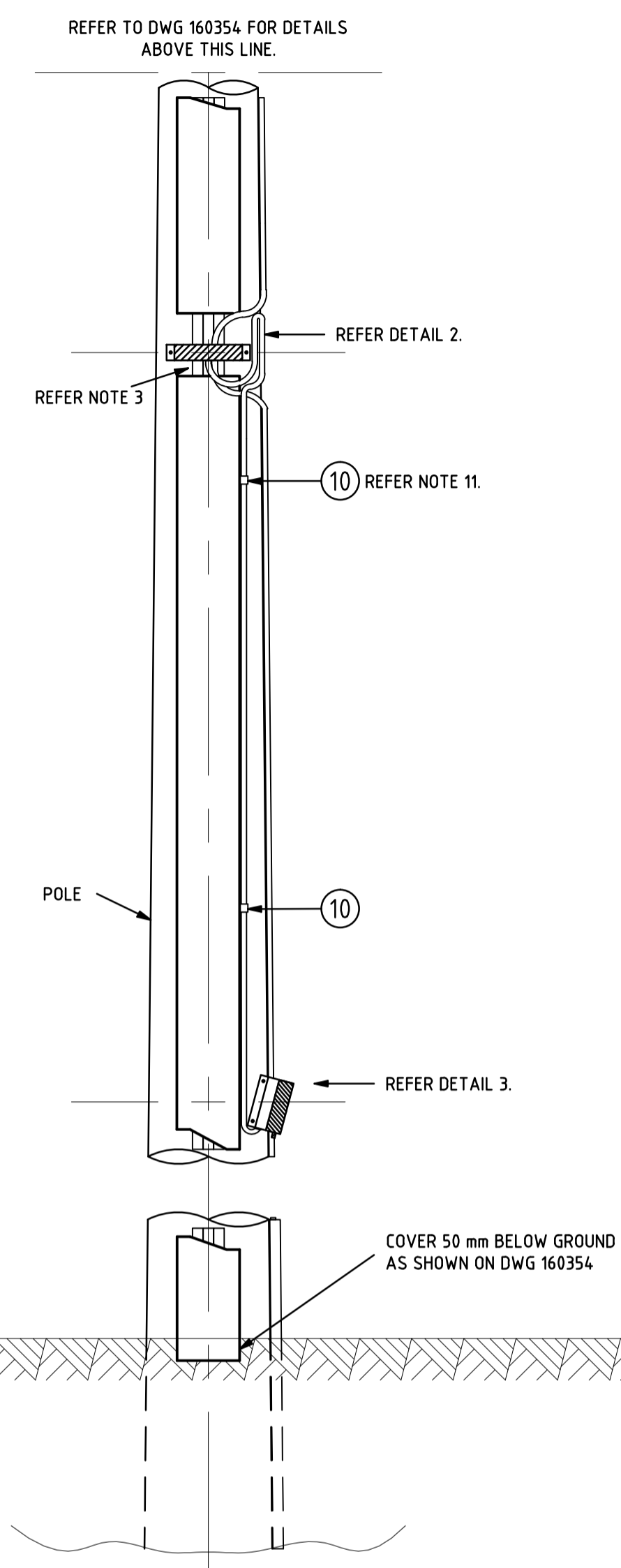
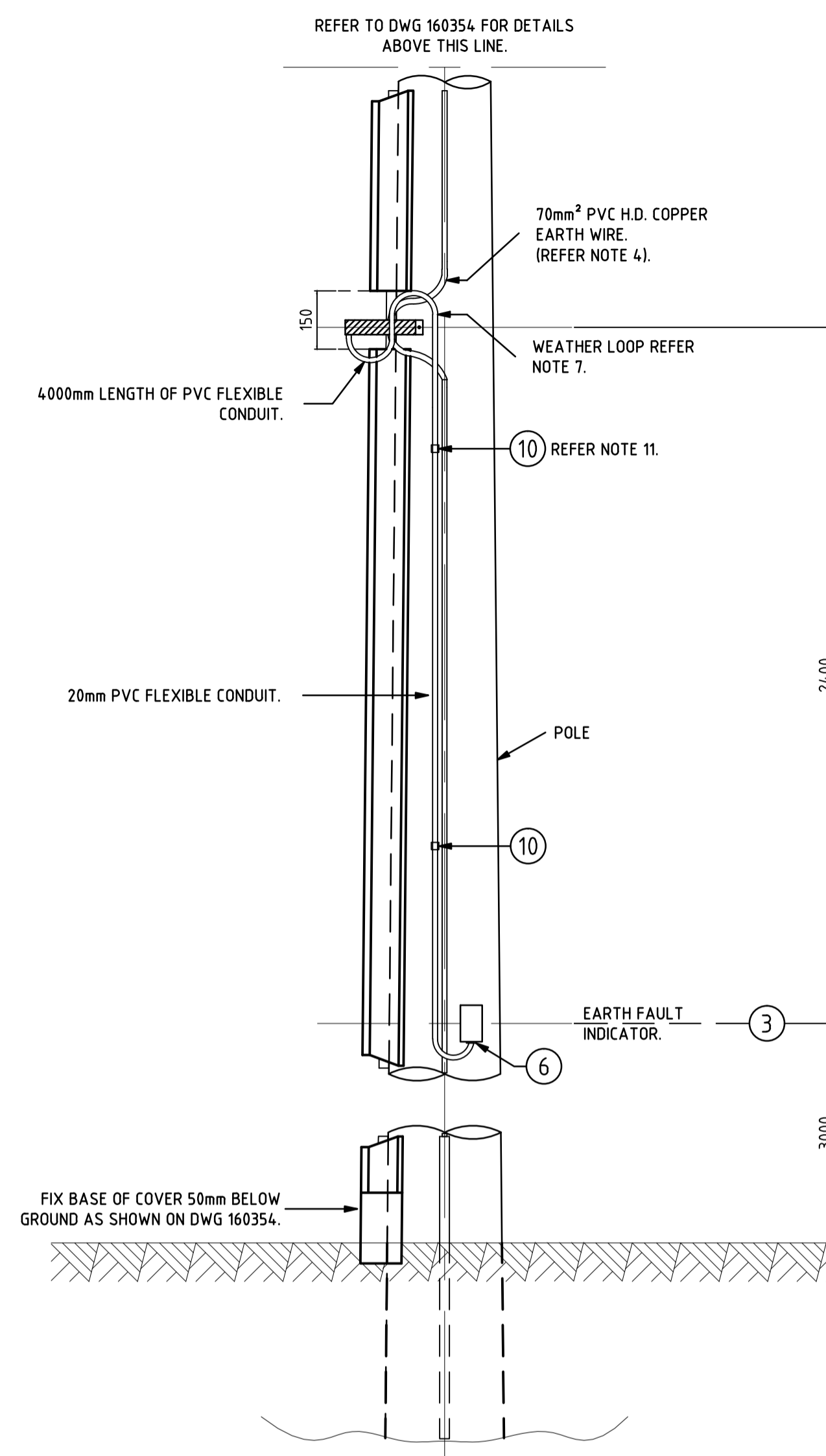


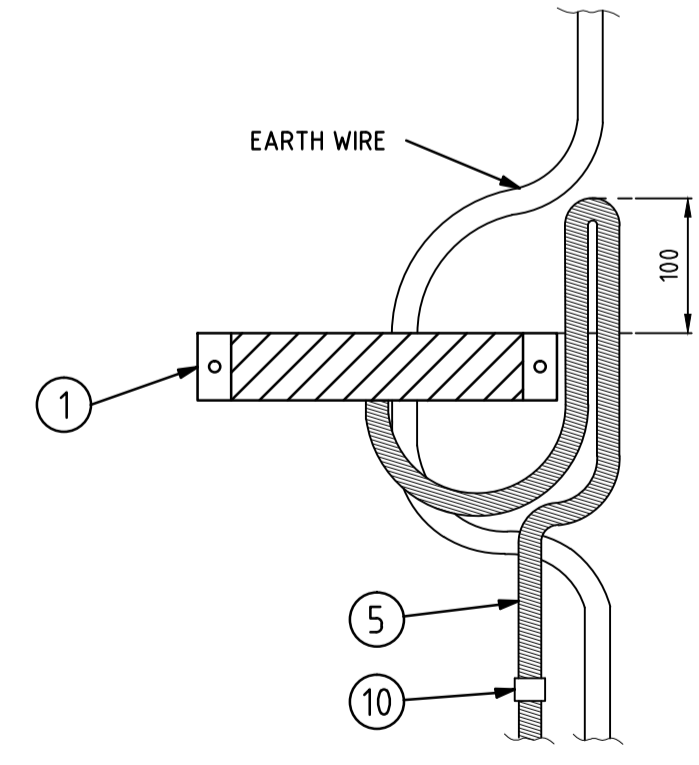
DETAIL 1
REFER NOTE 6



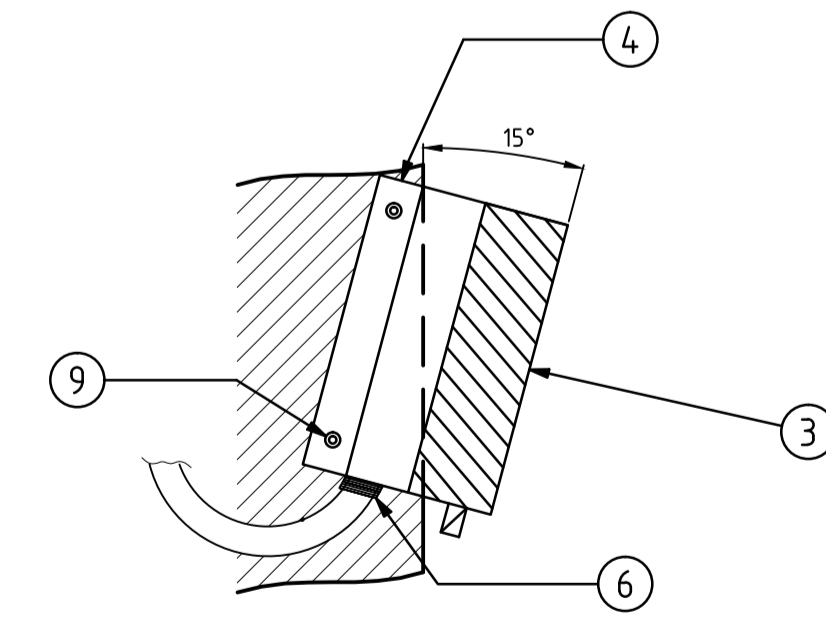
FRONT VIEW
NOT TO SCALE



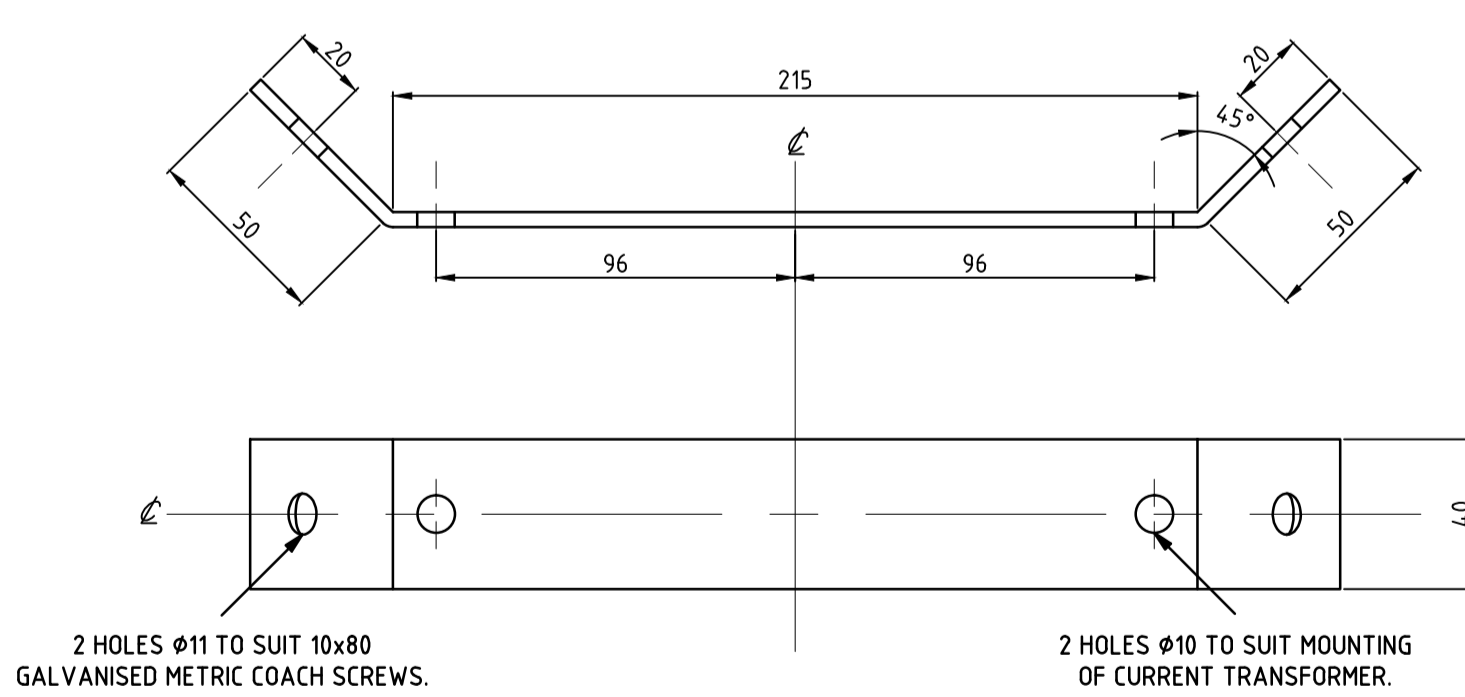
SIDE VIEW
NOT TO SCALE



DETAIL 2
REFER NOTE 7



DETAIL 3
REFER NOTE 8



DETAIL 4
ITEM 2

CURRENT TRANSFORMER MOUNTING BRACKET
MATERIAL: 6.35mm (1/4") H.D. COPPER
SCALE 1:2

NOTES:

- OPENINGS IN EARTH FAULT INDICATOR, MOUNTING HOLES, CONDUIT ENTRY ETC. TO BE EFFECTIVELY SEALED AGAINST INGRESS OF WATER.
- OPEN END OF THE PVC FLEXIBLE CONDUIT CONNECTED TO THE EARTH FAULT INDICATOR TO BE EFFECTIVELY SEALED.
- HV CABLES SHALL BE INSTALLED IN TREFOIL FORMATION WHERE PASSING THROUGH CURRENT TRANSFORMER.
- EARTH WIRE TO BE INSTALLED THROUGH CURRENT TRANSFORMER.
- CURRENT TRANSFORMER TO BE POSITIONED APPROXIMATELY 5400mm ABOVE GROUND LEVEL.
- INSERT THE SPACERS BETWEEN POLE AND CURRENT TRANSFORMER BRACKET TO ALLOW THE INSTALLATION OF THE BRACKET WITHOUT CHECKING THE POLE. (REFER DETAIL 1).
- CREATE A WEATHER LOOP IN THE FLEXIBLE CONDUIT ADJACENT TO THE CURRENT TRANSFORMER. HIGHEST POINT OF THE WEATHER LOOP TO BE 100mm ABOVE CURRENT TRANSFORMER.
- EFI MOUNTING BRACKET TO BE MOUNTED AT AN ANGLE OF 15 DEGREES TO THE VERTICAL LINE OF THE POLE SO THAT THE FLAG WILL BE CLEARLY VISIBLE FROM GROUND.
- REFER TO DRAWING 160354 FOR CONSTRUCTION DETAILS OF 11kV UG/OH.
- ITEMS 11, 12, & 13 (NOT SHOWN IN DIAGRAM) USED FOR MOUNTING EFI TO MOUNTING BRACKET.
- CONDUIT SADDLES SHALL BE SPACED AT INTERVALS NOT EXCEEDING 1000mm.

ITEM No.	DESCRIPTION	STOCK CODE.
13	BRASS FLAT WASHER 5/32" x 7/16" (REFER NOTE 10).	49890
12	BRASS HEXAGON NUT 5/32" (REFER NOTE 10).	8797
11	BRASS SCREW THREAD 5/32" BSW x 3/4" (REFER NOTE 10).	48017
10	SADDLES, 20mm HOT DIP GALVANISED. (AS REQUIRED). REFER NOTE 11.	176493
9	COACH SCREWS M6 x 50.	50591
8	COACH SCREWS M10 x 80.	50534
7	SPACER SLEEVE MK 8 UNIVERSAL SPACER.	116483
6	ADAPTER, ELECTRICAL CONDUIT 20mm PVC FLEX TERMINATOR.	54551
5	4000mm LENGTH OF PVC FLEXIBLE CONDUIT, 20mm DIAMETER (GREY).	176566
4	EARTH FAULT INDICATOR MOUNTING BRACKET.	107466
3	EARTH FAULT INDICATOR, WEATHERPROOF TYPE EFI 3-W.	83550
2	CURRENT TRANSFORMER MOUNTING BRACKET. (REFER DETAIL 4).	127019
1	CURRENT TRANSFORMER 300/5, 10VA.	65664

DESCRIPTION	STOCK CODE
11kV UNDERGROUND TO OVERHEAD (UG/OH) CONSTRUCTION.	A0-160354
WEATHERPROOF EARTH FAULT INDICATOR TYPE EFI 3-W OUTLINE DRILLING & CONNECTION DIAGRAMS	A3-65850
MOUNTING BRACKET FOR WEATHERPROOF EARTH FAULT INDICATOR RELAY TYPE EFI 3-W	A3-65335
H.V. UG/OH CONSTRUCTION CONTROL POINT - GENERAL ARRANGEMENT	27562
EARTH FAULT INDICATOR TYPE EFI OUTLINE DRILLING & CONNECTION DIAGRAM	A3-113666
CURRENT TRANSFORMER - ARRANGEMENT & DETAILS	A1-29712

REFERENCE DRAWINGS.

SCALE	AS SHOWN
DESIGNED	SEE ORIGINAL
DRAWN	D.J.O
CHECKED	SEE ORIGINAL
APPROVED	SEE ORIGINAL
DATE	15-07-66
PRJTRK No.	-
PROJECT NUMBER	-

H.V. UG/OH CONSTRUCTION
INSTALLATION OF
EARTH FAULT INDICATOR

DRAWING No	31318	SHEET	1	AMD	5	SIZE	A1
------------	-------	-------	---	-----	---	------	----

CAD DRAWING
DO NOT MANUALLY AMEND
AMENDMENTS
4. RE-DRAWN INTO AUTO CAD,
DETAILS 1, 2, & 3 ADDED AND NOTES 10
AND 11 ADDED.
POSSUM GUARD DELETED.
DRAWING ITEM LIST, REFERENCE
DRAWINGS REVISED.
DRAWN MC 8-06-07
CHECKED RDL
APPROVED MP
ES-103.601.16
5. NEW AUSGRID BORDER & LOGO
ADDED.
14-10-2013
RELAALAA
TLAMPARD
APPROVED

NETWORK STANDARD
Ausgrid
DESIGN SERVICES
24 CAMPBELL ST SYDNEY, NSW
2000