



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 HORIZONTAL FORMATION WHERE PASSING THROUGH CURRENT TRANSFORMER (REFER TO DETAIL 1)
- EARTH WIRE TO BE INSTALLED THROUGH CURRENT TRANSFORMER.
- CURRENT TRANSFORMER TO BE POSITIONED APPROXIMATELY 5400mm ABOVE GROUND LEVEL.
- CURRENT TRANSFORMER SECURED INTO POSITION USING UV STABILISED CABLE TIES (REFER DETAIL 2)
- 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. (REFER TO DETAIL 3)
- 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 DETAIL 4)
- REFER TO DRAWING 160354 FOR CONSTRUCTION DETAILS OF 11kV UG/OH.
- ITEMS 9, 10 & 11 (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
11	BRASS FLAT WASHER 5/32" x 7/16" (REFER NOTE 10).	49890
10	BRASS HEXAGON NUT 5/32" (REFER NOTE 10).	8797
9	BRASS SCREW THREAD 5/32" BSW x 3/4" (REFER NOTE 10).	48017
8	SADDLES, 20mm HOT DIP GALVANISED (AS REQUIRED) REFER NOTE 11	176493
7	COACH SCREWS M6 x 50	50591
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.	186990
3	CABLE TIES, 7.5mm, HEAVY DUTY	59907
2		
1	EARTH FAULT INDICATOR, EARTH ZERO FLAG, WITH CURRENT TRANSFORMER	184993

REFERENCE DRAWINGS.	
11kV UNDERGROUND TO OVERHEAD (UG/OH) CONSTRUCTION	160354
EARTH FAULT INDICATOR TYPE EARTH ZERO FLAG OUTLINE DRILLING & CONNECTION DIAGRAMS	247066-1
MOUNTING BRACKET FOR EARTH FAULT INDICATOR RELAY TYPE EARTH ZERO FLAG	265945 OR 247066-3
H.V. UG/OH CONSTRUCTION CONTROL POINT - GENERAL ARRANGEMENT	27562
CURRENT TRANSFORMER - ARRANGEMENT & DETAILS	247066-2

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: MG 8-06-07
CHECKED: ROL
APPROVED: MP
ES 10350.16

5. NEW AUSGRID BORDER & LOGO ADDED
FLAALAA
14-10-2013
APPROVED: T LAMPARD

DWN: P.R.
CHKD: N.R.
APP'D: P.T.

DATE: 14-10-2013
DRAWING: MATERIAL LIST & NOTES TRANSFORMER CHANGED. REFERENCE DRAWINGS: MATERIAL LIST & NOTES APPROVED. DETAIL 4 REMOVED. DETAIL 1 AMENDED.



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 6 SIZE A1