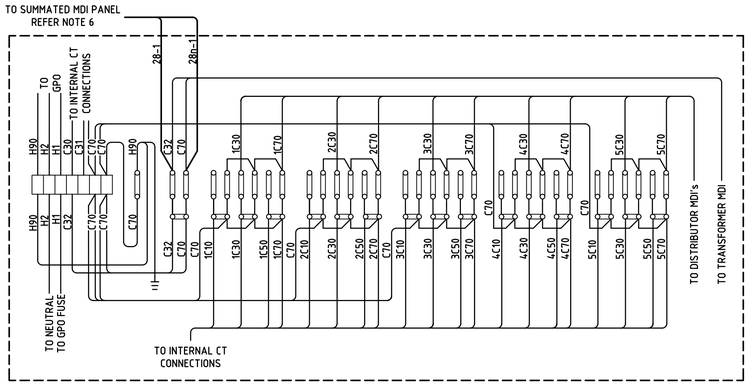
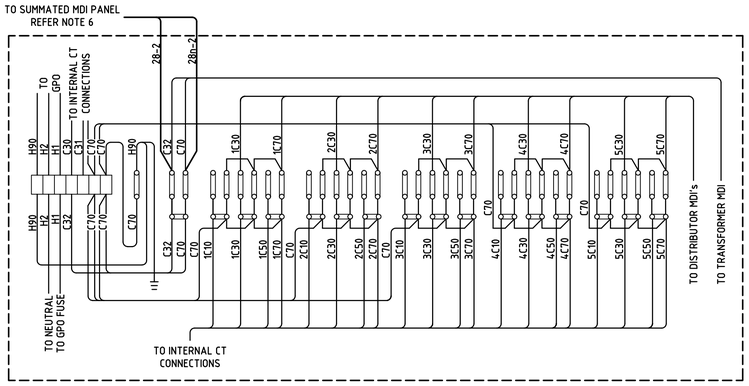


INSET 1

TERMINAL BLOCK ON LEFT HAND SAIF LV BOARD



INSET 2

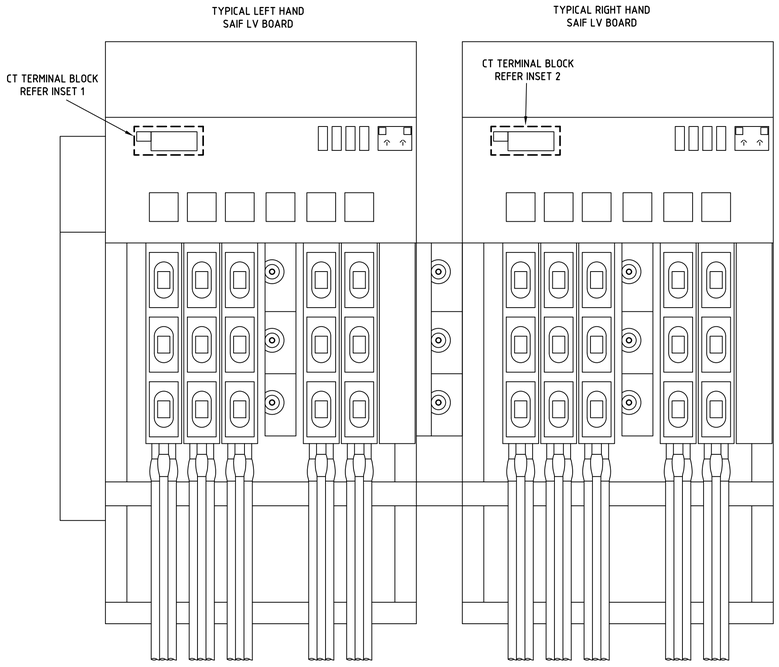
TERMINAL BLOCK ON RIGHT HAND SAIF LV BOARD

MATERIAL LIST

ITEM No	DESCRIPTION	REMARKS	No. OFF
1	WALL MOUNTED BOX	EMPCO W3425	1
2	TERMINAL STRIP (2:1-5)	KLIPPON ST5 85A	5
3	CT SHORTING SWITCH	HPM TYPE A770/1	1
4	MOUNTING BLOCK	HPM TYPE 141	1
5	TEST LINKS	AUSGRID STOCKCODE H28494	2
6	SUMMATED MDI UNIT	AUSGRID STOCKCODE 169920	1

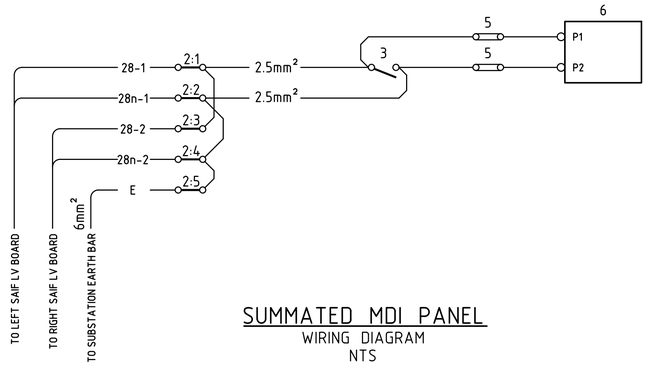
NOTES

1. THIS SUMMATED MDI PANEL IS TO BE USED WHEN A DOUBLE SAIF LV BOARD IS INSTALLED IN A DISTRIBUTION SUBSTATION.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NETWORK STANDARDS.
3. COMPRESSION TYPE CABLE LUGS ARE TO BE USED FOR CABLE TERMINATIONS ONTO ITEM 2.
4. CABLE CONNECTIONS FROM THE SAIF LV BOARDS TO THE SUMMATED MDI PANEL ARE TO BE MADE WITH A MINIMUM OF 2.5mm SDI CABLE.
5. LABELS SHOWN IN DETAILS 1 AND 2 ARE TO BE MADE FROM SELF ADHESIVE MATERIAL. LETTERING IS TO BE BLACK ON A WHITE BACKGROUND.
6. CABLES TO THE SUMMATED MDI PANEL ARE TO BE RUN IN SUITABLY SIZED FLEXIBLE CONDUIT.

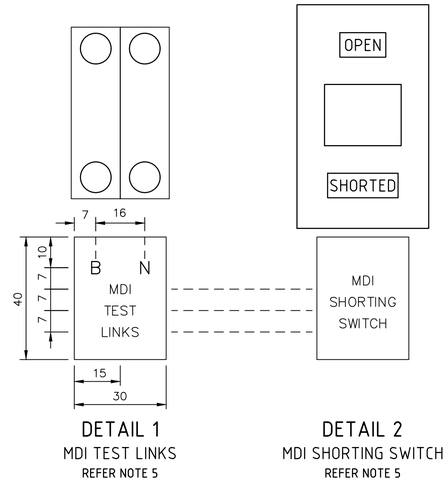


TYPICAL DOUBLE SAIF LV BOARD
FRONT VIEW

CABLE CONNECTIONS	TERMINALS (2)	CABLE SIZE	10A SWITCH (3)	M6 LINK (5)	M.D.I. UNIT (6)



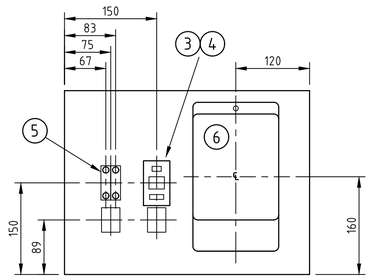
SUMMATED MDI PANEL
WIRING DIAGRAM
NTS



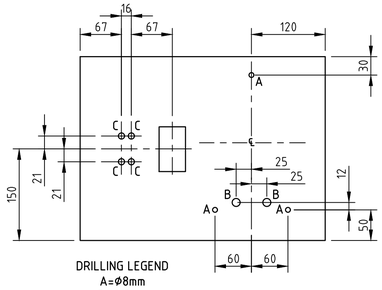
DETAIL 1
MDI TEST LINKS
REFER NOTE 5

DETAIL 2
MDI SHORTING SWITCH
REFER NOTE 5

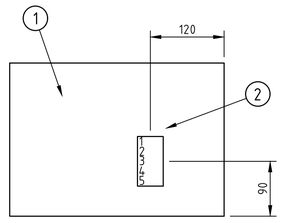
SUMMATED MDI PANEL
LABEL DETAILS
SCALE 1:1



GENERAL ARRANGEMENT



DRILLING DETAILS



INTERNAL MOUNTING PLATE

SUMMATED MDI PANEL
SCALE 1:5

AMENDMENTS		
1. EARTH CONNECTION ADDED. ADDITIONAL TERMINAL ADDED TO ITEM 2.	P.JARVIS CHECKED: APPROVED: PN:	26/02/2015 M.CHARAN P.TURRIN OPEX 6568-1-1-9
2. MDI CT TEST LINKS WERE M6.	M.BENNETT CHECKED: APPROVED:	27/01/2022 L.MARTINUZZI M.BENNETT

CAD DRAWING
DO NOT MANUALLY AMEND

Ausgrid
24 Campbell Street
SYDNEY NSW 2000
P: 9272 3805

ISSUED FOR
CONSTRUCTION

SCALE	AS SHOWN
DESIGNED	P.JARVIS
DRAWN	P.JARVIS
CHECKED	P.TURRIN
APPROVED	P.TURRIN
DATE	28/02/2014
TRIM REF	-
PROJECT NUMBER	PM 02-20130-0-21011

TWO TRANSFORMER DISTRIBUTION SUBSTATION WITH DOUBLE SAIF FUSED STRIP LV BOARD SUMMATED MDI

DRAWING No 224431 | SHEET 1 | AMD 2 | SIZE A1

C&P - DISTRIBUTION SUBS

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