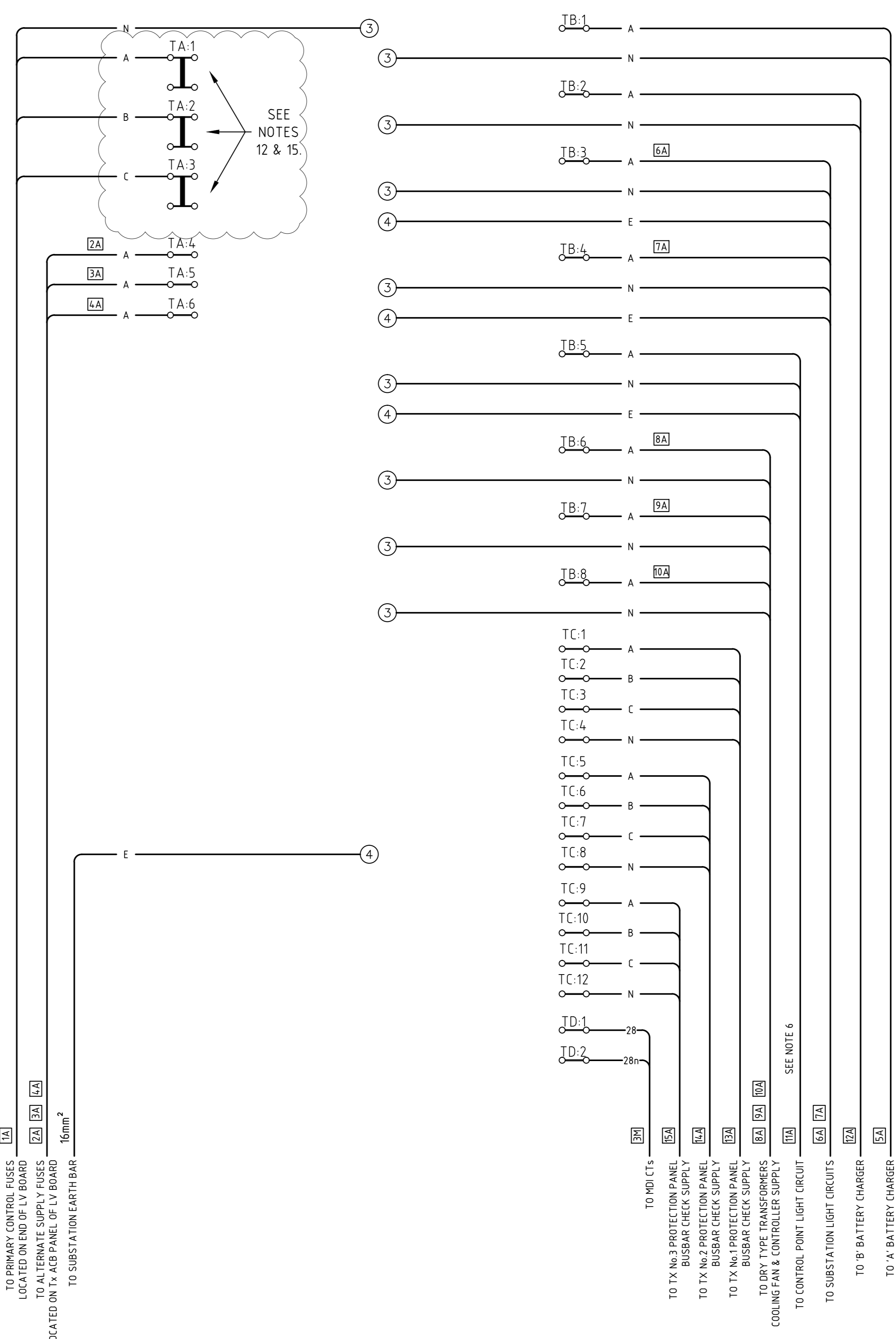
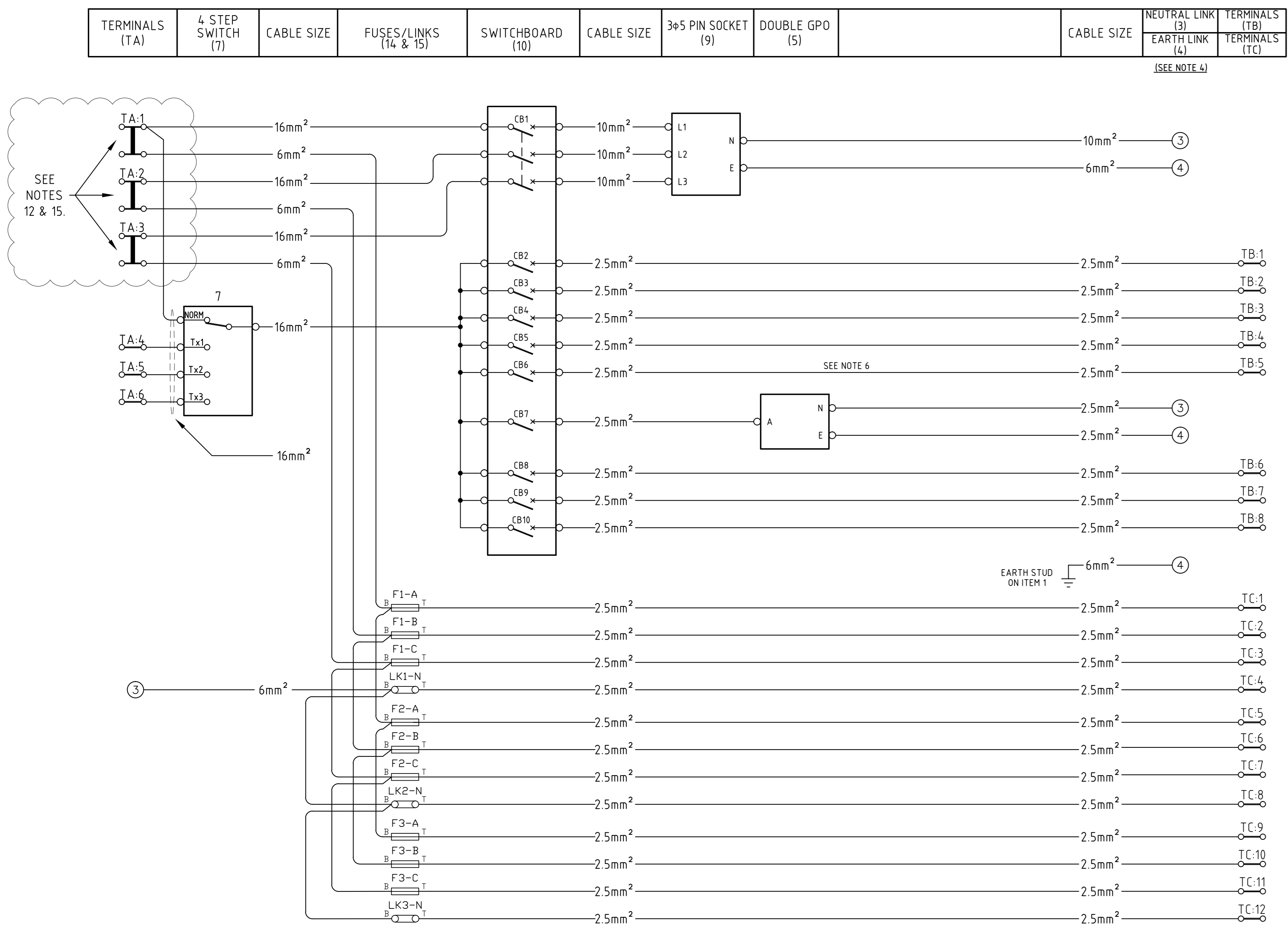
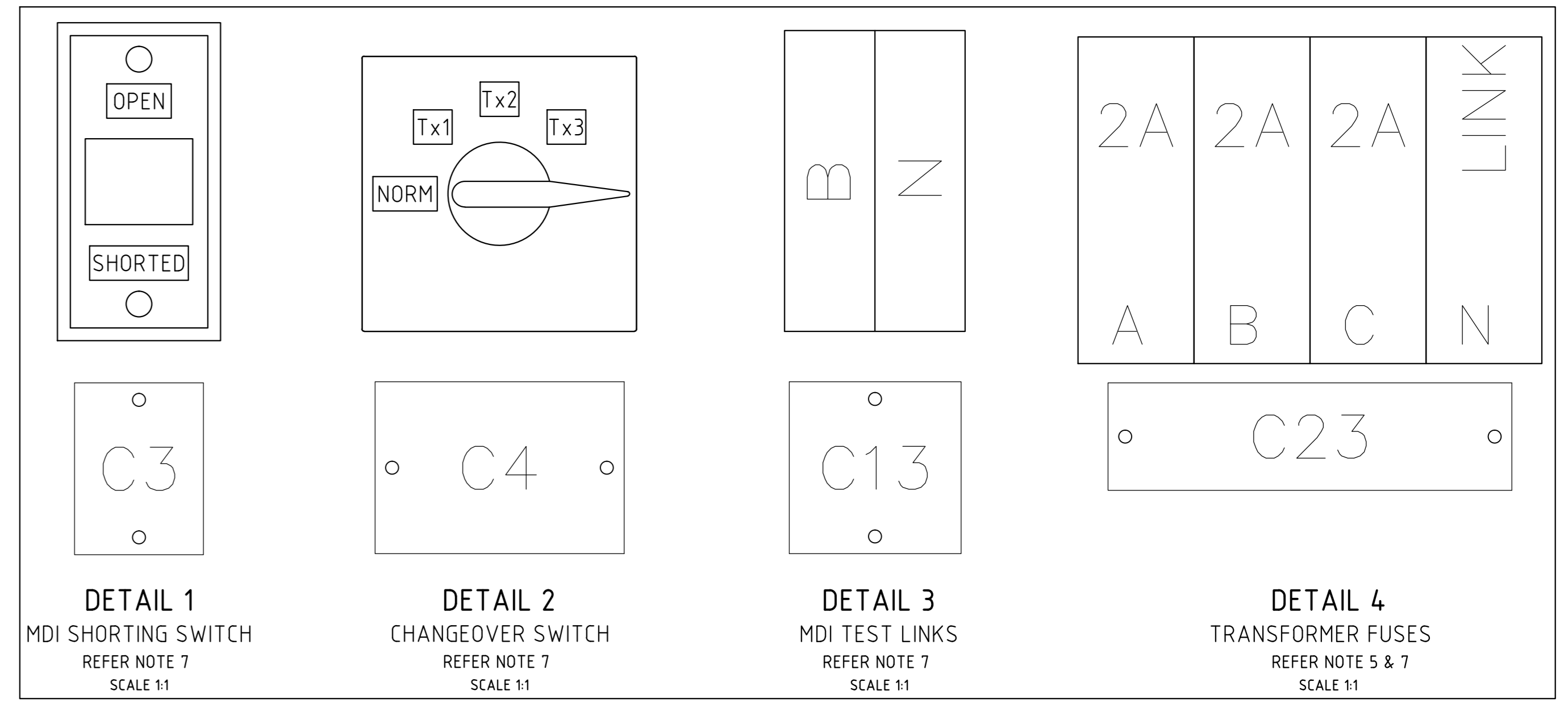


LABEL DETAILS

LABEL	LABEL SIZE	COLOUR	TEXT LINE	TEXT HEIGHT	ENGRAVING	QTY
1	C3	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2 LINE 3	2.5 2.5 2.5	MDI SHORTING SWITCH	1
2	C4	GRAVOPLY No.200 WHITE/BLACK	LINE 1 LINE 2 LINE 3	2.5 2.5 2.5	ESSENTIAL SERVICES STANDBY SUPPLY CHANGEOVER SWITCH	1
3	C13	GRAVOPLY No.259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	B M D I N TEST LINKS	1
4	C23	GRAVOPLY No.259 PINE GREEN/WHITE	LINE 1 LINE 2 LINE 3	4.0 2.5 2.5	A B C N TRANSFORMER # BUSBAR CHECK SUPPLIES	3

LABEL CONSTRUCTION and DRILLING DETAILS REFER DRAWINGS B1-050998
TYPICAL LABEL ENGRAVING DETAILS REFER DRAWING A0-064825
SEE NOTE 5



- #### NOTES:
- THIS SERVICE BOARD IS DESIGNED FOR SUBURBAN SUBSTATIONS WITH 1500VVA TRANSFORMERS AND WHERE OPTICAL ARC FLASH DETECTION IS INSTALLED.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT NETWORK STANDARDS.
 - ALL DIMENSIONS ARE IN MILLIMETRES. DRILLING DETAILS FOR REFERENCE ONLY. CAM FILE TO BE PRODUCED FROM THIS DRAWING FOR MACHINE MANUFACTURE.
 - THE EARTH AND NEUTRAL LINK CONNECTIONS DESIGNATED BY TA & TB MUST BE INDIVIDUALLY CONNECTED AS SEPARATE CABLES TO THEIR RESPECTIVE LINK.
 - FOR LABELS WITH "M" SUBSTITUTE THE RELEVANT TRANSFORMER NUMBER.
 - CABLE TO BE OF ADEQUATE SIZE TO PREVENT VOLTAGE DROP. REFER TO AS 3000 FOR CABLE SIZE.
 - FOR LABEL CONSTRUCTION AND DRILLING DETAILS REFER TO DRAWINGS B1-050998 & A0-064825 FOR ENGRAVING DETAILS.
 - CABLE NAMES ARE SHOWN THIS WAY REFER TO DWG 227355H01 & 02.
 - COMPRESSION TYPE CABLE LUGS ARE TO BE USED FOR TERMINATIONS ONTO ITEMS T0, T1 AND T5.
 - LINKS SHOULD BE MOUNTED SO THAT THE MOVABLE LINK FALLS OPEN WHEN RELEASED.
 - ALL PANEL WIRING TO BE 7/0.47, 94V GRADE PVC INSULATED COLOURED GREY UNLESS OTHERWISE SPECIFIED. ALL EARTH WIRING TO BE COLOURED GREEN/YELLOW.
 - STANDARD WARNING LABEL TO HIGHLIGHT THE 415V AC HAZARD TO BE MOUNTED AS SHOWN. ANY EXPOSED TERMINALS ARE TO BE APPROPRIATELY COVERED AND THE HAZARD LABELLED.
 - ALL CIRCUIT BREAKERS TO BE CLEARLY AND APPROPRIATELY LABELLED.
 - MOUNTING PLATE TO BE BAKELITE OR SIMILAR NON-CONDUCTIVE, ELECTRICALLY INSULATED, HEAT RESISTANT MATERIAL 6mm THICK.
 - BRIDGED TERMINALS USING EXPOSED TYPE BAR LINKS ARE TO HAVE END COVER PLATE TYPE INSTALLED BETWEEN A, B & C PHASES TO ENSURE ELECTRICAL ISOLATION. THE TERMINALS ARE TO BE APPROPRIATELY INSULATED AS PER NOTE 12.

ITEM No	DESCRIPTION	REMARKS	No. OFF
15	FUSE BACK CONNECTED	SAFECLIP SC32BW (BLACK)	9
14	LINK BACK CONNECTED 2 STUDS	SAFECLIP SC32PWH (WHITE)	3
13	MOUNTING BLOCK	HPM TYPE T40	1
12	10A SINGLE POLE SWITCH	HPM TYPE A770/1	1
11	M6 MOULDED LINK	EUGAQUIP BATTERY TEST LINK (REF DWG 3884/1)	2
CB10	20A 10 10kA MINATURE C/B (TX 3 SUPPLY DRY TYPE ONLY)	CLIPSAL TYPE 4CB120	1
CB9	20A 10 10kA MINATURE C/B (TX 2 SUPPLY DRY TYPE ONLY)	CLIPSAL TYPE 4CB120	1
CB8	20A 10 10kA MINATURE C/B (TX 1 SUPPLY DRY TYPE ONLY)	CLIPSAL TYPE 4CB120	1
CB7	20A 10 10kA MINATURE C/B (POWER ON SWITCH BOARD)	CLIPSAL TYPE 4CB120	1
CB6	16A 10 10kA MINATURE C/B (CONTROL POINT LIGHTS)	CLIPSAL TYPE 4CB116	1
CB5	16A 10 10kA MINATURE C/B (LIGHTS)	CLIPSAL TYPE 4CB116	1
CB4	16A 10 10kA MINATURE C/B (LIGHTS)	CLIPSAL TYPE 4CB116	1
CB3	10A 10 10kA MINATURE C/B 'B' BATTERY CHARGER	CLIPSAL TYPE 4CB110	1
CB2	10A 10 10kA MINATURE C/B 'A' BATTERY CHARGER	CLIPSAL TYPE 4CB110	1
CB1	50A 30 10kA MINATURE C/B	CLIPSAL TYPE 4CB350	1
10	T2 MODULE SWITCHBOARD	CLIPSAL TYPE 4CS12FD	1
9	50A 3 PHASE, 5 PIN SOCKET	CLIPSAL CAT No. 5650550	1
8	MDI UNIT	LOGISTICS SERVICES STOCK CODE 169946	1
7B	TERMINAL COVERS	KRAUS & NAIMER TYPE S1M160/B03	1
7A	ADJUSTABLE SHAFT	KRAUS & NAIMER TYPE S1M004E/000B070	1
7	4 STEP CHANGEOVER SWITCH	KRAUS & NAIMER TYPE C32 A231 603 E	1
6	MOUNTING BLOCK	HPM TYPE T40	1
5	10A & 15A DOUBLE GPO	HPM TYPE 777/1015 OR 777EL30/1015 (WITH RCD)	1
4	EARTH LINK	CLIPSAL TYPE L18	1
3	NEUTRAL LINK	CLIPSAL TYPE L18	1
TA	TERMINAL STRIP 1 (TA 1-6) SEE NOTES 12 & 15	WEIDMULLER SAK 35/EN - RAIL MOUNTED TERM.	9
TB	TERMINAL STRIP 2 (TB 1-8)	WEIDMULLER SAK 2.5/EN - RAIL MOUNTED TERM.	8
TC	TERMINAL STRIP 3 (TC 1-12)	WEIDMULLER SAK 2.5/EN - RAIL MOUNTED TERM.	12
TD	TERMINAL STRIP 4 (TD 1-2)	UTILUX H3820 - RAIL MOUNTED TERMINAL	2
2	TERMINAL MOUNTING RAIL	UTILUX H2233A - 1 METRE MOUNTING RAIL	1
1	WALL MOUNTED ENCLOSURE	B&R N106063	1

CAM DRAWING
DATE: 28/06/2012
BY: M.BENNETT
CHECKED: M.BENNETT
APPROVED: M.BENNETT

1. REF B/S CHECKED FOR ACTUAL MANUFACTURE DIMENSIONS
2. REF J/S CHECKED FOR STOCK CODE CHANGED
3. REF T/S CHECKED FOR STOCK CODE CHANGED
4. REF P/S CHECKED FOR STOCK CODE CHANGED
5. REF F/S CHECKED FOR STOCK CODE CHANGED
6. REF E/S CHECKED FOR STOCK CODE CHANGED
7. REF A/S CHECKED FOR STOCK CODE CHANGED
8. REF I/S CHECKED FOR STOCK CODE CHANGED
9. REF O/S CHECKED FOR STOCK CODE CHANGED
10. REF U/S CHECKED FOR STOCK CODE CHANGED
11. REF M/S CHECKED FOR STOCK CODE CHANGED
12. REF L/S CHECKED FOR STOCK CODE CHANGED
13. REF N/S CHECKED FOR STOCK CODE CHANGED
14. REF V/S CHECKED FOR STOCK CODE CHANGED
15. REF W/S CHECKED FOR STOCK CODE CHANGED
16. REF X/S CHECKED FOR STOCK CODE CHANGED
17. REF Y/S CHECKED FOR STOCK CODE CHANGED
18. REF Z/S CHECKED FOR STOCK CODE CHANGED

NOTE: 1. TO CLARIFY MATERIAL TO BE MOUNTING PLATE DRAWINGS ADDED
NOTE: 2. TO CLARIFY MATERIAL TO BE MOUNTING PLATE DRAWINGS ADDED
NOTE: 3. TO CLARIFY MATERIAL TO BE MOUNTING PLATE DRAWINGS ADDED
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NOTE: 39. TO CLARIFY MATERIAL TO BE MOUNTING PLATE DRAWINGS ADDED
NOTE: 40. TO CLARIFY MATERIAL TO BE MOUNTING PLATE DRAWINGS ADDED



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SCALE	AS SHOWN
DESIGNED	N.RAHAM
DRAWN	N.RAHAM
CHECKED	L.MARTINUZZI
APPROVED	M.BENNETT
DATE	28/06/2012
PROJ/TK NUMBER	SM 6717-1-2

RMICB SUBSTATIONS WITH E TYPE LV BOARD SUBURBAN TYPE SUBSTATION WITH 1500kVA TRANSFORMERS SERVICE BOARD GENERAL ARRANGEMENT AND WIRING DIAGRAM

DRAWING No: **227356** SHEET 1 AMD 3 SIZE A0