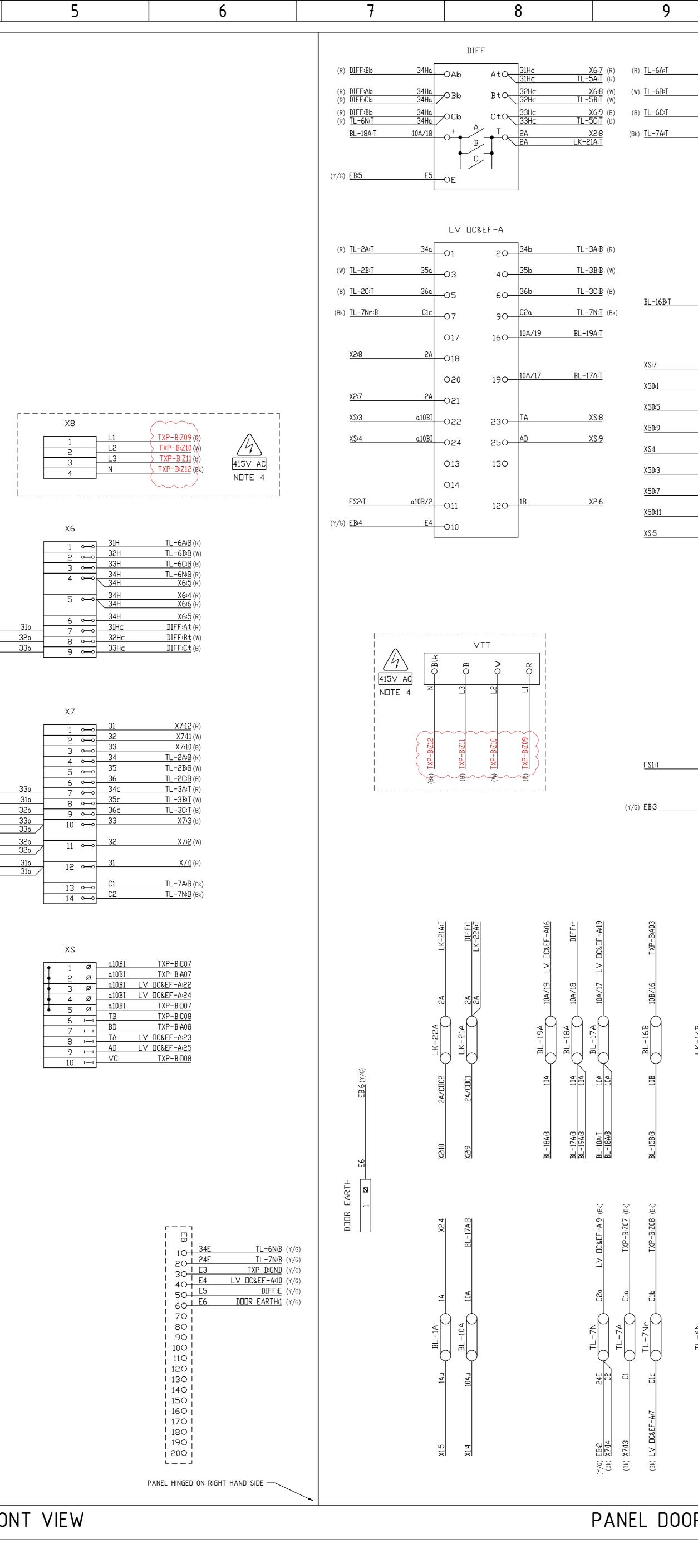
	1		2		3		4	
A								
В								
C		FS1:B BL-10B:B BL-1B:B BL-10A:B BL-1A:B	10Bu 2 1Bu 3 10Au 4	<u></u> 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				
D			$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c} \hline \circ & & \\ \hline \circ & &$	X2:2 X2:6 X2:5 X2:3 X2:8 X2:7			
E		LK-4B:T LK-5B:T BL-6B:T LK-7B:T LK-8B:T LK-9B:T	X10 10B/2 1 2B/AFT1 2 2B/4 3 2B/5 4 10B/6 5 B/AFT2 6 2B/8 7 2B/9 8	<u>}</u>			(R) <u>X7:12</u> (W) <u>X7:11</u> (B) <u>X7:10</u>	
F		<u>BL-11B:T</u> <u>LK-12B:T 2</u> <u>LK-13B:T</u> <u>LK-14B:T</u>	10B/11 9 'B/AFT3 10 2B/13 11	888			(B) $\frac{X7:10}{(R)}$ (R) $\frac{X7:12}{(W)}$ (W) $\frac{X7:11}{(B)}$ (B) $\frac{X6:9}{X7:7}$ (c) $\frac{X6:0}{(C)}$	
G		TXP-B:C02 TXP-B:D01 TXP-B:D02 2 TXP-B:C03 2 TXP-B:C04 2 TXP-B:D03 2 TXP-B:D04 2 TXP-B:C05 2 TXP-B:C06 2 TXP-B:D05 2	<u>2B/CC3 11</u>	8 8 8 8 8 8 8 8 8			(W) X6:8 (W) X7:9 (R) X6:7 (R) X7:8	
Н								
J								
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M	CAD DRAWING DO NOT MANUALLY AMEND DO NOT MANUALLY AMEND A M E N T A M E N D M E N T 1. REF E8 & F13 ENANGED VTT TYPE FROM GALLARD TO SOCKET STYLE TERMINALS. AMENDED LEGEND FOR NEW SOCKETS STYLE TERMINALS AND NOTE 4. ADD NOTE 4. ADD NOTE 4.	L.MARTINUZZI CHECKED: L.MARTINUZZI APPROVED: L.MARTINUZZI 2. <u>REF REVISION CLOUDS IN RED WHEN</u> <u>COLOUR PRINTED:</u> AMENDED NOTE 3 & <u>ADDED COLOUR CODING TO WIRING.</u> AMENDED WIRING ON RELAYS 'LV OC&EF' & 'TXP-B' TO REMOVE MUL TIPLE CONNECTIONS TO SINGLE TERMINALS FOR DC WIRING. ADDED	TERMINALS X2:5 T0 8. AMENDED TERMINAL NAMES WAS X5:1 & 2, NOW X2:9 & 10. ADDED EXTRA TERMINALS XS:7 T0 10 & AMENDED WIRING. DELETED XT TERMINAL RAIL. L.MARTINUZZI 2.0-10-2017 CHECKED: L.MARTINUZZI APPROVED: M.BENNETT	3. BORDER & TITLE BLOCK UPDATED. REF IN RED REVISION CLOUDS: AMENDED TXP-B RELAY TYPE & VT INPUT CONNECTIONS AS SHOWN. L.MARTINUZZI 03-08-2023 CHECKED: M.BENNETT APPROVED: M.BENNETT		ι καιι	LAYOUT F	۲ Uľ
	1		2		3		4	



		10		11		12		13		14		15		16	
	OZ01	P-B Z020 <u>31Hb</u> Z040 <u>32Hb</u> Z060 <u>33Hb</u> Z080 <u>C1b</u>	<u>TL-5A:B</u> (R) <u>TL-5B:B</u> (W) <u>TL-5C:B</u> (B) <u>TL-7Nr:T</u> (Bk)			2. NUMBERIN PROTECTI 3. <u>ALL PANE</u> • DC W	IG ON BATTER ON SCHEMATIC <u>IL WIRING IS T</u> RING IS TO BI	NTED SO THAT T Y AND TEST LINI S, SEE DRAWING O <u>BE AS LISTED</u> E 7/0.50, 0.6kV	(S REFERS TO L REFERENCE TAI <u>HERE</u> : GRADE PVC INS	LINK IDENTIFIC BLE. SULATED COLC	OURED GREY.	WN ON THE ASS		C & DC	A
10B/AF1	OA03 OA05 OA09 OA08 OC01 OC03	Z090 L1 Z100 L2 Z110 L3 Z120 N A040 2B A040 2B A060 010BI C020 2B/AF1 C040 2B/AF2	X8:1 (R) VTT:R (R) X8:2 (W) VTT:W (W) X8:3 (B) VTT:B (B) X8:4 (Bk) VTT:Blk (Bk) LK-5B:B XS:2 X50:2 X50:6	415V AC NOTE 4		 A PH, B PH, C PH, EARTH 4. TERMINAL WARN OF 5. ALL WIRIN POSSIBLE 6. TEST LINH 7. THE WIRIN 	ASE CT AND A ASE CT AND A ASE CT AND A H CT AND NEU S, INSULATED THE 415V/24 IG TO HAVE IE WIRE IDENTIF (S (TL) TO BE	D BE 7/0.67, 0.6 AC WIRING IS TO AC WIRING IS TO AC WIRING IS TO JTRAL AC WIRING TEST PANEL SO O AC HAZARD. A DENTIFICATION FE ICATION CODES WIRED N-C-B- BASED ON THE F S REPRESENTATIN	BE 7/0.67, 0.6 BE 7/0.67, 0.6 BE 7/0.67, 0.6 IS TO BE 7/0.4 CKETS AND RELA ANY EXPOSED TE RRULES FITTED TO BE IN ACCOR A LEFT TO RIGH	kV GRADE PV kV GRADE PV 67, 0.6kV GR AY CONNECTIO ERMINALS ARE AT BOTH END RDANCE WITH IT WHEN VIEW N THE LEGEN	C INSULATED C C INSULATED C C INSULATED C ADE PVC INSUL ONS ARE TO BE TO BE APPRO OS OF WIRE ADJ THIS DRAWING. /ED FROM THE F	COLOURED RED COLOURED WHITE COLOURED BLUE ATED COLOURE FITTED WITH (OPRIATELY COVE JACENT TO TER REAR OF THE F	(R). E (W). (B). D BLACK (E CAUTION LA ERED. MINALS WHE	BELS TO	B
<u>10B/AF3</u> <u>α10BI</u> <u>2B/CC1</u> <u>2B/CC2</u> <u>2B/CC3</u>		C060 2B/AF3 C080 TB D020 2B/CC10	X50:10 XS:6 X50:4 X50:8 X50:12 XS:10												D
α10B/1 E3	OA12 OC09 OC11 OC13 OD09 OD11 OD13 OD15 OA01 OB04 OGND	C10O C12O C14O C16O D10O D12O D12O D14O D16O B06O	X2:5	XI:3 1Bu BL-1B 1B X2:2 XI:2 10Bu BL-10B 10B BL-2B:B	FSI:B a10Bu OB TO a10B/2 LV IC&EF -Ai11 FS1 X1:1 a10Bu OB TO a10B/1 TXP-B:A01 FS2:B a10Bu OB TO a10B/1 TXP-B:A01		TAGNAM BL, LK, DIFF EB FS1, FS2 LV 0C&E TXP-B VTT X1, X2, X X6, X7 X8 X50 XS LEGEND	TL O EUGAQU - - ALSTON E-A SCHNEID SCHWEI MULTI C (RS COM	K3M EARTH BAR RS20P Black DER ELECT. MICOM P115 TZER SEL-751 ONNECT SLB4-G PONENTS) 3820 3820 H2238 3820 LLER SAK 2.5	DIFFEF EARTH FUSE OVERI TRANS INSUL 1 × RE 1 × WH 1 × BL 1 × BL RAIL N RAIL N RAIL N RAIL N RAIL N	ERY/TEST LINK RENTIAL FUSE RELAY 1 BAR - 2 STUD BACK CONNECT URRENT & EARTH FAUL SFORMER PROTECTION RE ATED TEST PANEL SOCK D 23.3020.22 (404-244) 11TE 23.3020.29 (404-250) UE 23.3020.23 (404-216) ACK 23.3020.21 (404-216) ACK 23.3020.21 (404-200) 10UNTED TERMINAL 10UNTED TERMINAL 10UNTED TERMINAL 10UNTED TERMINAL 10UNTED TERMINAL 10UNTED TERMINAL CAT 10UNTED TERMINAL CAT	ED T RELAY ELAY ETS D) D) RANGE No. 27966	REF_DWG 38841 113243 - - 225082 - 231226 118547 - 118547 - 118547 - 118547 -		F
2B LK-14B 2B/14 2B LK-13B 2D/10		LK-Bib 2B/AF LK-BB 2B/AF X10:7 LK-13B:B 2B/AF 2B/AF 2B/AF 2B/AF 2B/AF TXP-B:A04 2B LK-5B 2B/5 X10:4 LK-9B:B 2B LK-4B 2B/5 X10:4 BL-15B:T 2B/AF LK-4B 2B/4 X10:3 LK-8B:B 2B/AF LK-4B 2B/4 X10:3	BL-11B:B 10B BL-15B 2B/AF LK-12B:B BL-16B:B 10B 2B/AF LK-12B:B LK-7B:B 2B/AF LK-4B:B LK-7B:B 2B/AF X13 X10:10	2B/AF 2B/AF 2B/AF 2B/AF 2B/AF 10B BL-	LK-7B:B 2B/AF LK-3B 2B/AFT1 X10:2 BL-10B:T 10B BL-2B 10B/2 X10:1 BL-6B:B 10B 0B/2 X10:1										G
(Y/G) EB:1 34E TL-6N 34Ha DIFF:Cb (R) X6:4 34H 1L-6C 2011 TV 170E	(B) <u>X6i2</u> 33H TL- (W) <u>X6i2</u> 32H TL-	(R) X6:1 31H TL-6A 31A TXP-B:201 (B) IXP-B:206 33Hb TL-5C 33Hc DIFF:Ct (w) IXP-B:204 32Hb TL-5B 32Hc DIFF:Bt	(K) <u>IAT Diduction</u> JITE J. (K) (B) <u>LV DC&EF Ai6 366 TL-3C 36c X7i9</u> (B)	(w) LV DC&EF - A:4 35b TL - 3B 35c X7:8 (w) (R) LV DC&EF - A:2 34b TL - 3A 34c X7i7 (R) (B) X7:6 36 TL - 2C 36a LV DC&EF - A:5 (B)	(W) <u>X7i5 35 TL-2B 35a LV IC&EF-Ai3</u> (W) (R) <u>X7i4 34 TL-2A 34a LV IC&EF-Ai1</u> (R)	RMICB SUBSTATIRMICB SUBSTATI	ONS WITH E TYPE L ONS WITH E TYPE L	V BOARD AC SCHEMAT V BOARD TRANSFORM V BOARD CUSTOMER (V BOARD DC SUPPLY (V BOARD DC SUPPLY (V BOARD WITH OPTICA V BOARD TX WALL MO V BOARD TRANSFORM V BOARD CUSTOMER (V BOARD OPTICAL ARC V BOARD OPTICAL ARC V BOARD AND OPTICAL V BOARD SUBURBAN T ASTERPAC TP AIR CIRC V BOARD AND OPTICAL MBINATIONS	ER DC SCHEMATIC WI DVERCURRENT DC SC CABLE LOOPING AND S AL ARC FLASH DETECT UNTED PROTN PANEL ER PROTECTION PANEL ER PROTECTION PANEL ER PROTECTION PANEL ER PROTECTION PANEL ER PROTECTION PANEL ER PROTECTION PANEL OVERCURRENT WALL DVERCURRENT WIRIN C FLASH DETECTION IN ARC FLASH DETECTION YPE SUBSTATION WIT UIT BREAKERS EXTER ARC FLASH DETECTION	ITH OPTICAL ARC F CHEMATIC SCADA SCHEMATIC SCADA SCHEMATIC TION FIBRE LOOPIN WITH OPTICAL AF EL STYLE 1 WIRING EL STYLE 1 CABLE WITH OPTICAL AF EL STYLE 2 WIRING EL STYLE 2 WIRING EL STYLE 2 CABLE MOUNTED PROTN G DIAGRAM NDICATION PANEL ION CABLING DIAG ION CABLE SCHED TH 1500kVA TRANS RNAL CONNECTION ION SCADA PANEL	ELASH DETECTION	ND LABEL DETAILS D RAM ND LABEL DETAILS D RAM LABEL DETAILS DIAG G AND WIRING DIAGE BOARD GEN. ARRANG	IAGRAM GRAM	DWG No. 227350Sh01 227350Sh02 227350Sh03 227350Sh04 227350Sh04 227350Sh05 227350Sh05 227351Sh01 227351Sh02 227352Sh03 227352Sh01 227352Sh02 227352Sh03 227352Sh01 227352Sh01 227353Sh01 227353Sh01 227353Sh01 227355Sh01 227357Sh01 227358Sh01 178227 125190	K
or RE	EAR	VIEW						SCALE DESIGNED	NTS -			RMICB SUBS			
						24 Campbell SYDNEY NSV P: 9272 3809 ISSUED FOR CONSTR	N 2000	DRAWN CHECKED APPROVED DATE TRIM REF PROJECT	L.MARTINUZ W.BYRNE M.BENNET 15/06/2012 - SM-0671	т1 2	RANSFORME	WITH OPTICA	DUNTED F AL AFD S AGRAM	PROTECTION	Р 180416 W
		10		11		12		NUMBER 13		14		15		- DISTRIBUTION SUBS	