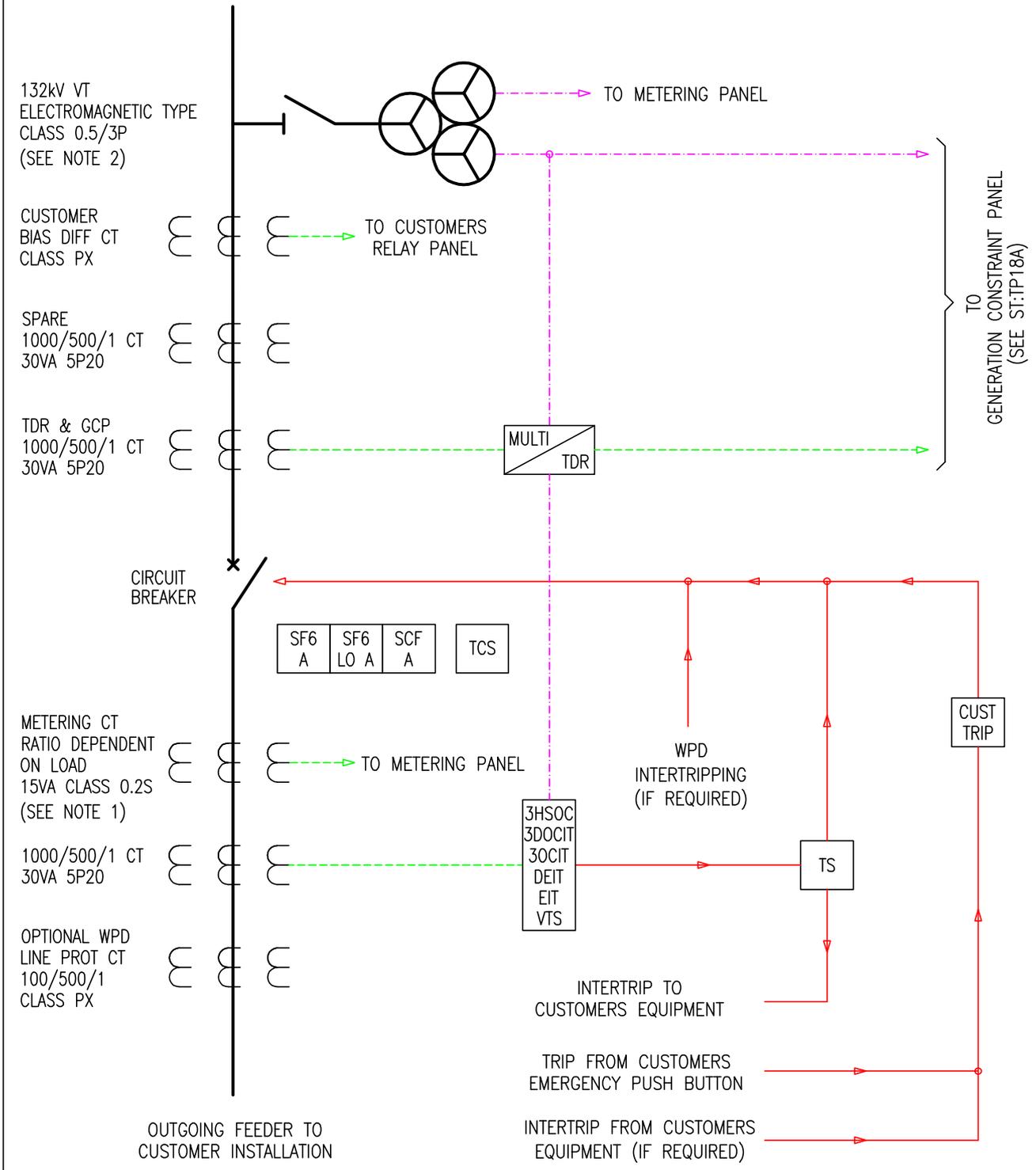


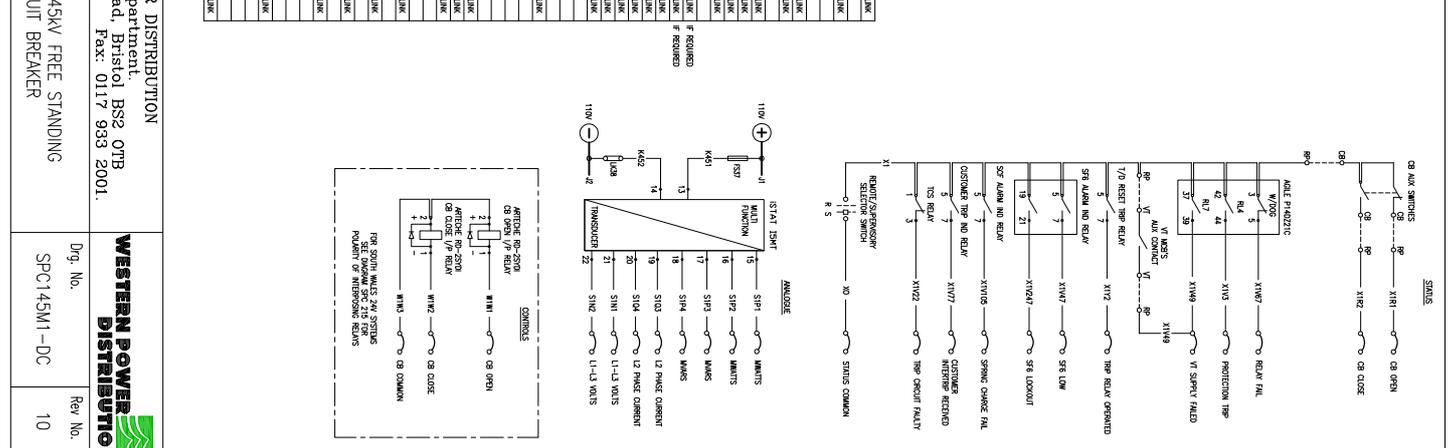
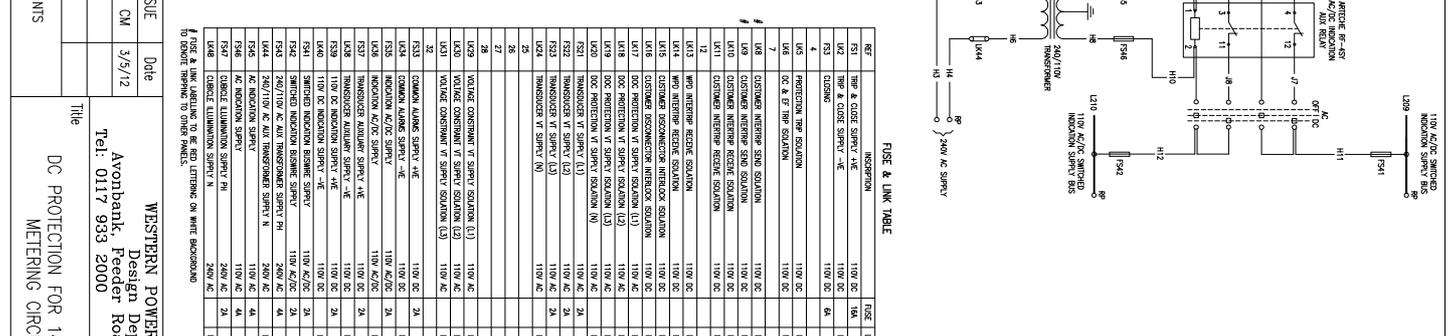
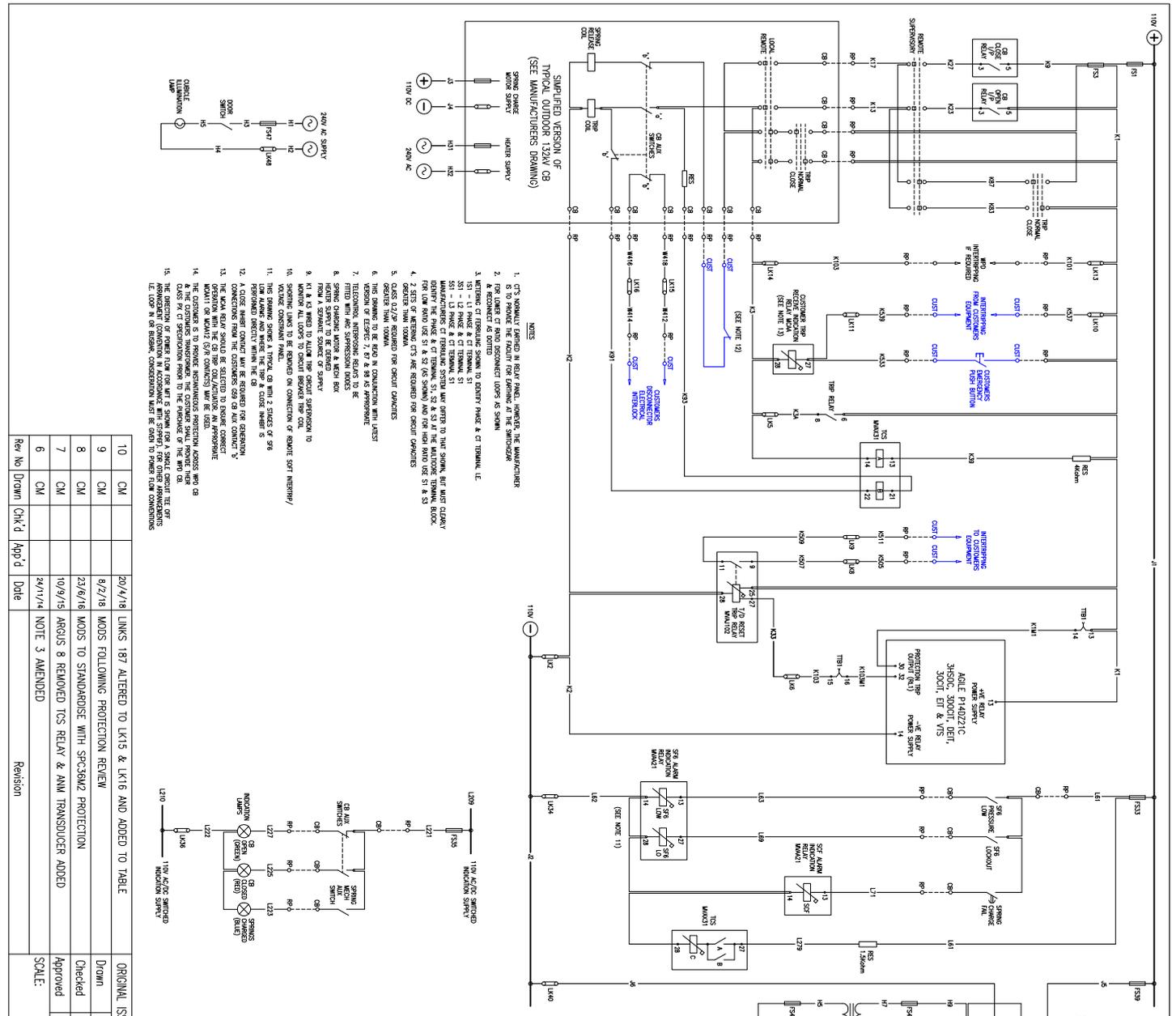
WPD INCOMING CIRCUIT



NOTE 1 - 2 SETS OF METERING CT'S REQUIRED FOR CIRCUIT CAPACITIES GREATER THAN 100MVA

NOTE 2 - CLASS 0.2S/3P REQUIRED FOR CIRCUIT CAPACITIES GREATER THAN 100MVA

4	CM			8/2/18	MODS FOLLOWING PROTECTION REVIEW
Rev No	Drawn	Chk'd	App'd	Date	Revision
ORIGINAL ISSUE	DATE	WESTERN POWER DISTRIBUTION Design Department. Avonbank, Feeder Road, Bristol BS2 0TB Tel: 0117 933 2000 Fax: 0117 933 2001.			
Drawn	CM	3/5/12	Title		
Checked			SINGLE LINE DIAGRAM OF 145kV FREE STANDING METERING CIRCUIT BREAKER		Drg. No. SL145M1
Approved			SCALE		Rev No 4
SCALE		NTS			



- NOTES**
1. THE SYMBOLS SHOWN IN RED FONT INDICATE THE MANUFACTURER'S SYMBOLS TO BE USED IN THE WIRING DIAGRAM.
 2. FOR LOWER OF MAIN DISCONNECT LOOPS AS SHOWN.
 3. A RESPECTIVE AS SHOWN.
 4. CLASS 0.2/2P REQUIRED FOR CIRCUIT CHARGERS.
 5. GREATER THAN 1000V.
 6. OPERATOR SHALL BE PROVIDED WITH THE LATEST VERSION OF ELECTRIC 7, 8, 9 & 10 AS APPROPRIATE.
 7. TELECONTROL INTERLOCKING RELAYS TO BE FITTED WITH THE APPROPRIATE INTERLOCKING LOGIC.
 8. HEATER SUPPLY TO BE CHECKED FROM A SEPARATE SOURCE OF SUPPLY.
 9. HEATER SUPPLY TO BE CHECKED FROM A SEPARATE SOURCE OF SUPPLY.
 10. SHUNTING LINKS TO BE REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.
 11. THE SHUNTING LINKS WITH 220V SUPPLY OF 98 PERCENT RATED CONDUCTIVITY SHALL BE REMOVED FOR CONVENTIONAL OPERATION WITH THE CB TYPE COIL/ACTUATOR. AN APPROPRIATE OPERATOR SHALL BE PROVIDED TO REMOVE THE SHUNTING LINKS TO BE REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.
 12. THE SHUNTING LINKS WITH 220V SUPPLY OF 98 PERCENT RATED CONDUCTIVITY SHALL BE REMOVED FOR CONVENTIONAL OPERATION WITH THE CB TYPE COIL/ACTUATOR. AN APPROPRIATE OPERATOR SHALL BE PROVIDED TO REMOVE THE SHUNTING LINKS TO BE REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.
 13. THE SHUNTING LINKS WITH 220V SUPPLY OF 98 PERCENT RATED CONDUCTIVITY SHALL BE REMOVED FOR CONVENTIONAL OPERATION WITH THE CB TYPE COIL/ACTUATOR. AN APPROPRIATE OPERATOR SHALL BE PROVIDED TO REMOVE THE SHUNTING LINKS TO BE REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.
 14. THE SHUNTING LINKS WITH 220V SUPPLY OF 98 PERCENT RATED CONDUCTIVITY SHALL BE REMOVED FOR CONVENTIONAL OPERATION WITH THE CB TYPE COIL/ACTUATOR. AN APPROPRIATE OPERATOR SHALL BE PROVIDED TO REMOVE THE SHUNTING LINKS TO BE REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.
 15. REMOVED ON CONNECTION OF REMOTE START INTERLOCKING VOLTAGE CONTROLLER PANEL.

Rev No	Down	Chk'd	App'd	Date	Revision
10	CM			20/4/18	LINKS 187 ALTERED TO LK15 & LK16 AND ADDED TO TABLE
9	CM			8/2/18	MODS FOLLOWING PROTECTION REVIEW
8	CM			23/6/16	MODS TO STANDARDISE WITH SPC358AZ PROTECTION
7	CM			10/9/15	ARBUS 8 REMOVED TSS RELAY & ANM TRANSUDCER ADDED
6	CM			24/1/14	NOTE 3 AMENDED

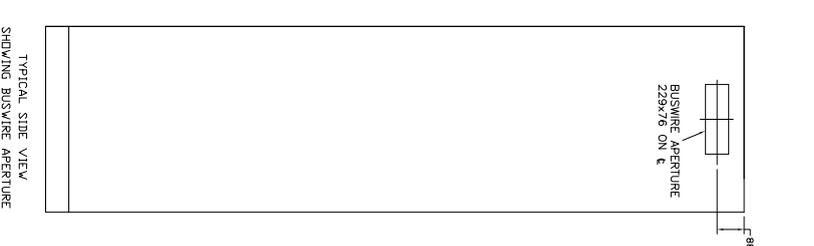
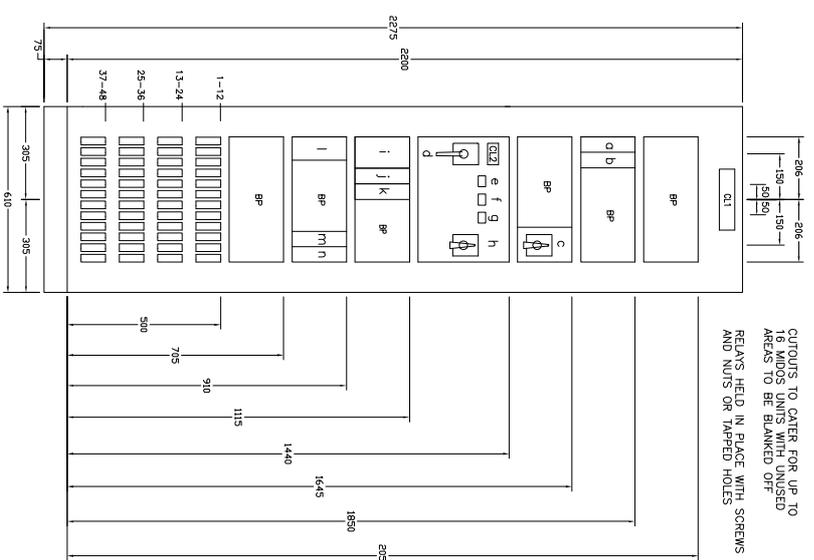
REF	DESCRIPTION	RATED	LINK
F1	TRIP & CLOSE SUPPLY - AC	110V DC	10A
F2	TRIP & CLOSE SUPPLY - AC	110V DC	10A
F3	CLOSING	110V DC	6A
F4	PROTECTION TRIP SOLUTION	110V DC	LINK
F5	DC & SF TRIP SOLUTION	110V DC	LINK
F6	DC & SF TRIP SOLUTION	110V DC	LINK
F7	DC & SF TRIP SOLUTION	110V DC	LINK
F8	CUSTOMER INTERLOCK SEND SOLUTION	110V DC	LINK
F9	CUSTOMER INTERLOCK RECEIVE SOLUTION	110V DC	LINK
F10	CUSTOMER INTERLOCK RECEIVE SOLUTION	110V DC	LINK
F11	CUSTOMER INTERLOCK RECEIVE SOLUTION	110V DC	LINK
F12	WIND INTERLOCK RECEIVE SOLUTION	110V DC	LINK
F13	WIND INTERLOCK RECEIVE SOLUTION	110V DC	LINK
F14	CUSTOMER DISCONNECT INTERLOCK SOLUTION	110V DC	LINK
F15	CUSTOMER DISCONNECT INTERLOCK SOLUTION	110V DC	LINK
F16	DC PROTECTION TRIP SOLUTION (L1)	110V DC	LINK
F17	DC PROTECTION TRIP SOLUTION (L2)	110V DC	LINK
F18	DC PROTECTION TRIP SOLUTION (L3)	110V DC	LINK
F19	DC PROTECTION TRIP SOLUTION (L4)	110V DC	LINK
F20	DC PROTECTION TRIP SOLUTION (L5)	110V DC	LINK
F21	TRANSDUCER VI SUPPLY (L1)	110V AC	2A
F22	TRANSDUCER VI SUPPLY (L2)	110V AC	2A
F23	TRANSDUCER VI SUPPLY (L3)	110V AC	2A
F24	TRANSDUCER VI SUPPLY (L4)	110V AC	2A
F25	TRANSDUCER VI SUPPLY (L5)	110V AC	2A
F26	TRANSDUCER VI SUPPLY (L6)	110V AC	2A
F27	TRANSDUCER VI SUPPLY (L7)	110V AC	2A
F28	TRANSDUCER VI SUPPLY (L8)	110V AC	2A
F29	TRANSDUCER VI SUPPLY (L9)	110V AC	2A
F30	TRANSDUCER VI SUPPLY (L10)	110V AC	2A
F31	TRANSDUCER VI SUPPLY (L11)	110V AC	2A
F32	TRANSDUCER VI SUPPLY (L12)	110V AC	2A
F33	TRANSDUCER VI SUPPLY (L13)	110V AC	2A
F34	TRANSDUCER VI SUPPLY (L14)	110V AC	2A
F35	TRANSDUCER VI SUPPLY (L15)	110V AC	2A
F36	TRANSDUCER VI SUPPLY (L16)	110V AC	2A
F37	TRANSDUCER VI SUPPLY (L17)	110V AC	2A
F38	TRANSDUCER VI SUPPLY (L18)	110V AC	2A
F39	TRANSDUCER VI SUPPLY (L19)	110V AC	2A
F40	TRANSDUCER VI SUPPLY (L20)	110V AC	2A
F41	TRANSDUCER VI SUPPLY (L21)	110V AC	2A
F42	TRANSDUCER VI SUPPLY (L22)	110V AC	2A
F43	TRANSDUCER VI SUPPLY (L23)	110V AC	2A
F44	TRANSDUCER VI SUPPLY (L24)	110V AC	2A
F45	TRANSDUCER VI SUPPLY (L25)	110V AC	2A
F46	TRANSDUCER VI SUPPLY (L26)	110V AC	2A
F47	TRANSDUCER VI SUPPLY (L27)	110V AC	2A
F48	TRANSDUCER VI SUPPLY (L28)	110V AC	2A
F49	TRANSDUCER VI SUPPLY (L29)	110V AC	2A
F50	TRANSDUCER VI SUPPLY (L30)	110V AC	2A
F51	TRANSDUCER VI SUPPLY (L31)	110V AC	2A
F52	TRANSDUCER VI SUPPLY (L32)	110V AC	2A
F53	TRANSDUCER VI SUPPLY (L33)	110V AC	2A
F54	TRANSDUCER VI SUPPLY (L34)	110V AC	2A
F55	TRANSDUCER VI SUPPLY (L35)	110V AC	2A
F56	TRANSDUCER VI SUPPLY (L36)	110V AC	2A
F57	TRANSDUCER VI SUPPLY (L37)	110V AC	2A
F58	TRANSDUCER VI SUPPLY (L38)	110V AC	2A
F59	TRANSDUCER VI SUPPLY (L39)	110V AC	2A
F60	TRANSDUCER VI SUPPLY (L40)	110V AC	2A
F61	TRANSDUCER VI SUPPLY (L41)	110V AC	2A
F62	TRANSDUCER VI SUPPLY (L42)	110V AC	2A
F63	TRANSDUCER VI SUPPLY (L43)	110V AC	2A
F64	TRANSDUCER VI SUPPLY (L44)	110V AC	2A
F65	TRANSDUCER VI SUPPLY (L45)	110V AC	2A
F66	TRANSDUCER VI SUPPLY (L46)	110V AC	2A
F67	TRANSDUCER VI SUPPLY (L47)	110V AC	2A
F68	TRANSDUCER VI SUPPLY (L48)	110V AC	2A
F69	TRANSDUCER VI SUPPLY (L49)	110V AC	2A
F70	TRANSDUCER VI SUPPLY (L50)	110V AC	2A
F71	TRANSDUCER VI SUPPLY (L51)	110V AC	2A
F72	TRANSDUCER VI SUPPLY (L52)	110V AC	2A
F73	TRANSDUCER VI SUPPLY (L53)	110V AC	2A
F74	TRANSDUCER VI SUPPLY (L54)	110V AC	2A
F75	TRANSDUCER VI SUPPLY (L55)	110V AC	2A
F76	TRANSDUCER VI SUPPLY (L56)	110V AC	2A
F77	TRANSDUCER VI SUPPLY (L57)	110V AC	2A
F78	TRANSDUCER VI SUPPLY (L58)	110V AC	2A
F79	TRANSDUCER VI SUPPLY (L59)	110V AC	2A
F80	TRANSDUCER VI SUPPLY (L60)	110V AC	2A
F81	TRANSDUCER VI SUPPLY (L61)	110V AC	2A
F82	TRANSDUCER VI SUPPLY (L62)	110V AC	2A
F83	TRANSDUCER VI SUPPLY (L63)	110V AC	2A
F84	TRANSDUCER VI SUPPLY (L64)	110V AC	2A
F85	TRANSDUCER VI SUPPLY (L65)	110V AC	2A
F86	TRANSDUCER VI SUPPLY (L66)	110V AC	2A
F87	TRANSDUCER VI SUPPLY (L67)	110V AC	2A
F88	TRANSDUCER VI SUPPLY (L68)	110V AC	2A
F89	TRANSDUCER VI SUPPLY (L69)	110V AC	2A
F90	TRANSDUCER VI SUPPLY (L70)	110V AC	2A
F91	TRANSDUCER VI SUPPLY (L71)	110V AC	2A
F92	TRANSDUCER VI SUPPLY (L72)	110V AC	2A
F93	TRANSDUCER VI SUPPLY (L73)	110V AC	2A
F94	TRANSDUCER VI SUPPLY (L74)	110V AC	2A
F95	TRANSDUCER VI SUPPLY (L75)	110V AC	2A
F96	TRANSDUCER VI SUPPLY (L76)	110V AC	2A
F97	TRANSDUCER VI SUPPLY (L77)	110V AC	2A
F98	TRANSDUCER VI SUPPLY (L78)	110V AC	2A
F99	TRANSDUCER VI SUPPLY (L79)	110V AC	2A
F100	TRANSDUCER VI SUPPLY (L80)	110V AC	2A

WESTERN POWER DISTRIBUTION
 Design Department
 Avonbank, Feeder Road, Bristol BS2 0TB
 Tel: 0117 933 2000 Fax: 0117 933 3001

DC PROTECTION FOR 145kV FREE STANDING
 METERING CIRCUIT BREAKER

Dwg. No. SPC145M1-DC
 Rev. No. 10

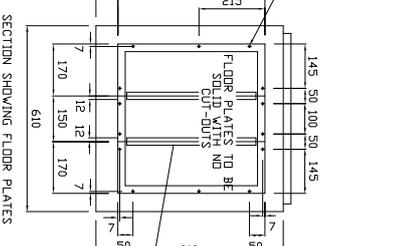
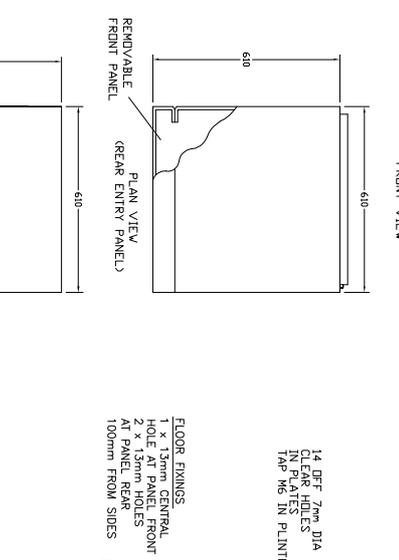
SCALE: NTS



REF	DESCRIPTION	CASE SIZE
Q	CB SF6 GAS PRESSURE LOW & LOCKOUT ALARM INDICATION RELAY	M2
a	ALSTOM MCA121 P140276 (2M, 2B)	M2
b	ALSTOM MCA121 P140276 (2M, 2B)	M2
c	AC/DC INDICATION SELECTOR SWITCH (OFF/AC/DC)	M2
d	CBG & DERBROUOT R03234/3/MC/M/LHD (40 AMP)	M2
e	CB OPEN INDICATION LAMP (GREEN)	M2
f	CB CLOSED INDICATION LAMP (RED)	M2
g	CB SPRINGS CHANGED INDICATION LAMP (GREEN)	M2
h	REMOTE SUPERVISOR SELECTOR SWITCH (REU/SUP)	M2
i	DIRECTIONAL DC & EF RELAY WITH SH50C, 3000V, 3000V, 3000V & EF	30TE
j	ALSTOM AGLIE P140271/C040500A	M2
k	TEST TERMINAL BLOCK T81 FOR AGLIE P140Z RELAY	M2
l	TEST TERMINAL BLOCK T82 FOR MULTIFUNCTION TRANSUDCER	M2
m	ALSTOM MCA121 P140276 (2M, 2B)	M2
n	ALSTOM MCA121 P140276 (2M, 2B)	M2
o	AMPERE/VOLTAGE/WATT/VAR MULTIFUNCTION TRANSUDCER	M2
p	DE GRID TELECONTROL RELAY	M2
q	ARTECHE RO-2570 48V DC (SOCKET DN DE P10)	M2
r	ARTECHE RO-2570 48V DC (SOCKET DN DE P10)	M2
s	ARTECHE RO-2570 48V DC (SOCKET DN DE P10)	M2
t	ARTECHE BE-457 110V AC (020001) (SOCKET RN DE P10)	M2
u	240/110V AC TRANSFORMER	M2
v	WALSIL 5000A BA	M2
w	RESISTORS FOR TRIP CIRCUIT SUPERVISION	M2

REF	DESCRIPTION	VOLTAGE	POLE
F31	TRIP & CLOSE SUPPLY +VE	110V DC	16A
LK2	TRIP & CLOSE SUPPLY -VE	110V DC	16A
F33	CLOSING	110V DC	6A
LK5	PROTECTION TRIP ISOLATION	110V DC	16A
LK6	OC & EF TRIP ISOLATION	110V DC	16A
LK7	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK8	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK9	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK10	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK11	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK12	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK13	WRD INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK14	WRD INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK15	CUSTOMER DISCONNECTOR INTERLOCK ISOLATION	110V DC	16A
LK16	CUSTOMER DISCONNECTOR INTERLOCK ISOLATION	110V DC	16A
LK17	DOC PROTECTION VT SUPPLY ISOLATION (L1)	110V AC	16A
LK18	DOC PROTECTION VT SUPPLY ISOLATION (L2)	110V AC	16A
LK19	DOC PROTECTION VT SUPPLY ISOLATION (L3)	110V AC	16A
LK20	DOC PROTECTION VT SUPPLY ISOLATION (N)	110V AC	16A
F321	TRANSUDCER VT SUPPLY (L1)	110V AC	2A
F322	TRANSUDCER VT SUPPLY (L2)	110V AC	2A
F323	TRANSUDCER VT SUPPLY (L3)	110V AC	2A
LK24	TRANSUDCER VT SUPPLY (N)	110V AC	2A
26			
27			
28	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L1)	110V AC	16A
LK29	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L2)	110V AC	16A
LK30	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L3)	110V AC	16A
LK31	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (N)	110V AC	16A
32			
F333	COMMON ALARMS SUPPLY +VE	110V DC	2A
LK34	COMMON ALARMS SUPPLY -VE	110V DC	2A
F335	INDICATION AC/DC SUPPLY	110V AC/DC	2A
LK36	INDICATION AC/DC SUPPLY	110V AC/DC	2A
F337	TRANSUDCER AUXILIARY SUPPLY +VE	110V DC	2A
LK38	TRANSUDCER AUXILIARY SUPPLY -VE	110V DC	2A
F339	110V DC INDICATION SUPPLY +VE	110V DC	2A
LK40	110V DC INDICATION SUPPLY -VE	110V DC	2A
F341	SWITCHED INDICATION BUSMINE SUPPLY	110V AC/DC	2A
F342	SWITCHED INDICATION BUSMINE SUPPLY	110V AC/DC	2A
F343	240/110V AC AUX TRANSFORMER SUPPLY PH	240V AC	4A
LK44	240/110V AC AUX TRANSFORMER SUPPLY N	240V AC	4A
F345	AC INDICATION SUPPLY	110V AC	4A
F346	AC INDICATION SUPPLY	110V AC	4A
F347	CUBICLE ILLUMINATION SUPPLY PH	240V AC	2A
LK48	CUBICLE ILLUMINATION SUPPLY N	240V AC	2A

RISE & LINK LABELLING TO BE RED LETTERING ON WHITE BACKGROUND TO DENOTE TRIPPING TO OTHER PANELS.



NOTES

- PANEL & DOOR TO BE CONSTRUCTED FROM 3mm SHEET STEEL, FOLDED AND WELDED.
- PAINT FINISH TO BE: EXTERNAL - LIGHT ALUMINUM GREY TO BS 381C SHOE 697 SEMI GLOSS INTERNAL - SEMI-GLOSS WHITE
- EXTRINSIC FINISH REQUIRED ON DOOR
- ALL DIMENSIONS IN mm
- HOLE IN BOTH SIDES FOR JOINING TO SUITES
- ALL LABELS TO BE IN WHITE TRAFALGATE WITH BLACK WRITING
- DOORS TO BE SECURED WITH LOCKABLE CHROME TEE HANDLES
- THE MCA RELAY SHOULD BE SELECTED TO ENSURE CORRECT OPERATION WITH THE CB TRIP COIL/ACTIVATOR AN APPROPRIATE MCA11 OR MCA12 (S/A CONTACTS) MAY BE USED.
- DRAWING SHOWS REAR ENTRY PANEL WIDTH OF 610mm, FOR FRONT ENTRY PANELS 650mm WIDTH IS REQUIRED

REF	DESCRIPTION	VOLTAGE	POLE
F31	TRIP & CLOSE SUPPLY +VE	110V DC	16A
LK2	TRIP & CLOSE SUPPLY -VE	110V DC	16A
F33	CLOSING	110V DC	6A
LK5	PROTECTION TRIP ISOLATION	110V DC	16A
LK6	OC & EF TRIP ISOLATION	110V DC	16A
LK7	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK8	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK9	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK10	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK11	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK12	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK13	WRD INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK14	WRD INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK15	CUSTOMER DISCONNECTOR INTERLOCK ISOLATION	110V DC	16A
LK16	CUSTOMER DISCONNECTOR INTERLOCK ISOLATION	110V DC	16A
LK17	DOC PROTECTION VT SUPPLY ISOLATION (L1)	110V AC	16A
LK18	DOC PROTECTION VT SUPPLY ISOLATION (L2)	110V AC	16A
LK19	DOC PROTECTION VT SUPPLY ISOLATION (L3)	110V AC	16A
LK20	DOC PROTECTION VT SUPPLY ISOLATION (N)	110V AC	16A
F321	TRANSUDCER VT SUPPLY (L1)	110V AC	2A
F322	TRANSUDCER VT SUPPLY (L2)	110V AC	2A
F323	TRANSUDCER VT SUPPLY (L3)	110V AC	2A
LK24	TRANSUDCER VT SUPPLY (N)	110V AC	2A
26			
27			
28	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L1)	110V AC	16A
LK29	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L2)	110V AC	16A
LK30	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L3)	110V AC	16A
LK31	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (N)	110V AC	16A
32			
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LK44	240/110V AC AUX TRANSFORMER SUPPLY N	240V AC	4A
F345	AC INDICATION SUPPLY	110V AC	4A
F346	AC INDICATION SUPPLY	110V AC	4A
F347	CUBICLE ILLUMINATION SUPPLY PH	240V AC	2A
LK48	CUBICLE ILLUMINATION SUPPLY N	240V AC	2A

RISE & LINK LABELLING TO BE RED LETTERING ON WHITE BACKGROUND TO DENOTE TRIPPING TO OTHER PANELS.

Rev No	Drawn	Chk'd	App'd	Date	Revision
9	CM			20/4/18	LK15 & LK16 ADDED
8	CM			8/2/18	MODS FOLLOWING PROTECTION REVIEW
7	CM			23/6/16	MODS TO STANDARISE WITH SPC38M2 PROTECTION
6	CM			10/9/15	ARGUS 8 REMOVED TCS RELAY & ANM TRANSUDCER ADDED
5	CM			30/9/14	CUSTOMERS DISCONNECTOR INTERLOCK LINKS ADDED

Rev No	Drawn	Chk'd	App'd	Date	Revision
9	CM			20/4/18	LK15 & LK16 ADDED
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REF	DESCRIPTION	VOLTAGE	POLE
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LK2	TRIP & CLOSE SUPPLY -VE	110V DC	16A
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LK5	PROTECTION TRIP ISOLATION	110V DC	16A
LK6	OC & EF TRIP ISOLATION	110V DC	16A
LK7	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK8	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK9	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK10	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK11	CUSTOMER INTERTRIP SEND ISOLATION	110V DC	16A
LK12	CUSTOMER INTERTRIP RECEIVE ISOLATION	110V DC	16A
LK13	WRD INTERTRIP RECEIVE ISOLATION	110V DC	16A
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LK18	DOC PROTECTION VT SUPPLY ISOLATION (L2)	110V AC	16A
LK19	DOC PROTECTION VT SUPPLY ISOLATION (L3)	110V AC	16A
LK20	DOC PROTECTION VT SUPPLY ISOLATION (N)	110V AC	16A
F321	TRANSUDCER VT SUPPLY (L1)	110V AC	2A
F322	TRANSUDCER VT SUPPLY (L2)	110V AC	2A
F323	TRANSUDCER VT SUPPLY (L3)	110V AC	2A
LK24	TRANSUDCER VT SUPPLY (N)	110V AC	2A
26			
27			
28	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L1)	110V AC	16A
LK29	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L2)	110V AC	16A
LK30	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (L3)	110V AC	16A
LK31	VOLTAGE CONSTRAINT VT SUPPLY ISOLATION (N)	110V AC	16A
32			
F333	COMMON ALARMS SUPPLY +VE	110V DC	2A
LK34	COMMON ALARMS SUPPLY -VE	110V DC	2A
F335	INDICATION AC/DC SUPPLY	110V AC/DC	2A
LK36	INDICATION AC/DC SUPPLY	110V AC/DC	2A
F337	TRANSUDCER AUXILIARY SUPPLY +VE	110V DC	2A
LK38	TRANSUDCER AUXILIARY SUPPLY -VE	110V DC	2A
F339	110V DC INDICATION SUPPLY +VE	110V DC	2A
LK40	110V DC INDICATION SUPPLY -VE	110V DC	2A
F341	SWITCHED INDICATION BUSMINE SUPPLY	110V AC/DC	2A
F342	SWITCHED INDICATION BUSMINE SUPPLY	110V AC/DC	2A
F343	240/110V AC AUX TRANSFORMER SUPPLY PH	240V AC	4A
LK44	240/110V AC AUX TRANSFORMER SUPPLY N	240V AC	4A
F345	AC INDICATION SUPPLY	110V AC	4A
F346	AC INDICATION SUPPLY	110V AC	4A
F347	CUBICLE ILLUMINATION SUPPLY PH	240V AC	2A
LK48	CUBICLE ILLUMINATION SUPPLY N	240V AC	2A

RISE & LINK LABELLING TO BE RED LETTERING ON WHITE BACKGROUND TO DENOTE TRIPPING TO OTHER PANELS.