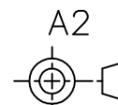


TAGNAME	CATALOG DESCRIPTION	RATING/FUNCTION	MANUFACTURER	CATALOG NUMBER	QUANTITY
A1	PHASE CASSETTE (200A/11kV)	>200A/11kV	AUCOM ELECTRONICS	MXV-0200-V11-C12-E0	1
A1-1	MXV /LCM FIBRE OPTIC BOOSTER PCB	PHASE 1	AUCOM ELECTRONICS	990-10577-00	1
A1-2	MXV /LCM FIBRE OPTIC BOOSTER PCB	PHASE 2	AUCOM ELECTRONICS	990-10577-00	1
A1-3	MXV /LCM FIBRE OPTIC BOOSTER PCB	PHASE 3	AUCOM ELECTRONICS	990-10577-00	1
A3	INTERFACE PCB (CT INPUTS)		AUCOM ELECTRONICS	990-15436-00	1
A4	MXV/LCM CONTROLLER MODULE		AUCOM ELECTRONICS	991-09869-00	1
A5	MXV/LCM AUX PS SURGE PROTECTION PCB		AUCOM ELECTRONICS	990-10858-00	1
A6	MXV/LCM POWER SUPPLY ISOLATOR PCB		AUCOM ELECTRONICS	990-10835-00	1
CT1	CT 500/1A,5P30,1VA	MXV (11)	AUCOM ELECTRONICS	370-16270-00	1
CT2	CT 500/1A,5P30,1VA	MXV (12)	AUCOM ELECTRONICS	370-16270-00	1
CT3	CT 500/1A,5P30,1VA	MXV (13)	AUCOM ELECTRONICS	370-16270-00	1
EMS	EMERGENCY STOP ACTUATOR (INCL: 1N/C CONTACT)	MXV E.STOP	LOVATO	LPX ESTOP	1
EMS1	CONTACT BLOCK (N/O)	MXV E.STOP	LOVATO	LPX C10	1
K11	RELAY - DPDT (24VDC)	MAIN VCB CONTROL	FINDER	56.32.9.0240.074	1
K11	RELAY BASE - DPDT		FINDER	96.72 SMA	1
K12	RELAY - DPDT (24VDC)	BYPASS VCB CONTROL	FINDER	56.32.9.0240.074	1
K12	RELAY BASE - DPDT		FINDER	96.72 SMA	1
K40	RELAY - 4PDT (24VDC)	STACK FAN CONTROL	FINDER	56.34.9.0240.074	1
K40	RELAY BASE - 4PDT		FINDER	96.74 SMA	1
T40	TIMER - MULTIFUNCTION	STACK FAN DELAY OFF	FINDER	87.01.0.240.0000	1
MPR	MOTOR PROTECTION RELAY		MICROELETTRICA	N-DIN-MA-2 (80-230VAC)	1
Q1	VACUUM CIRCUIT BREAKER (WITHDRAWABLE)	MAIN VCB	ABB	Vmax/W 12.06.32 P150	1
Q2	CIRCUIT BREAKER - FIXED	12kV/31.5kA/630A	TAVRIDA	VCB15_Shell2_16F (CB_12_31.5_150_1_630_60)	1
Q2-1	CIRCUIT BREAKER CONTROL MODULE	(24-60VDC)	TAVRIDA	CM_16_1 (60_CB_3)	1
Q3	EARTH SWITCH	630A/31.5kA/12kV	TAVRIDA	JN15-12/31.5-275	1
Q3-1	AUXILIARY SWITCH BLOCK	(5N/O+5N/C)	TAVRIDA	FK10-11-32	1
Q10	MCB 10A/2P	CONTROL SUPPLY	ABB	S202M_C10	1
Q11	MCB 10A/2P	VCB MOTOR SUPPLY	ABB	S202M_C10	1
Q20	MCB 16A/2P	24VDC SUPPLY #1	ABB	S202M_C16	1
Q21	MCB 16A/2P	24VDC SUPPLY #2	ABB	S202M_C16	1
S1	SST/DOL+/DOL SWITCH (5 POLE/3 POSITION, STANDARD OPERATION)		KRAUS & NAIMER	CA10-NZ0541 #NZ0001-FT2	1
S2	RESET PUSHBUTTON (BLUE,N/C)	MXV RESET	LOVATO	LPC B1196+LPX AU120	1
S2-1	CONTACT BLOCK (N/O)	MXV RESET	LOVATO	LPX C10	1
S20	PLUNGER SWITCH	MXV DOOR POSITION	CHERRY	GPTC-NH01	1
SMPS	POWER SUPPLY (IN: 85-275VAC/85-375VDC, OUT: 24VDC/20A)		DELTA	DRM-24V480W 1PN	1
TB1	CT TEST BLOCK (3 PHASE)		PHOENIX	PH 5921498 (UTME AUCOM KIT)	1
U1	SURGE ARRESTER (MEDIUM VOLTAGE)	17.5kV/10kA	ABB	MWD14	1
U2	SURGE ARRESTER (MEDIUM VOLTAGE)	17.5kV/10kA	ABB	MWD14	1
U3	SURGE ARRESTER (MEDIUM VOLTAGE)	17.5kV/10kA	ABB	MWD14	1
U10	SURGE ARRESTER (LOW VOLTAGE)		BETTERMANN	V20-C/1+NPE-FS-385	1
VS	MXV/LCM VOLTAGE SENSOR ASSEMBLY PCB		AUCOM ELECTRONICS	990-10262-00	1
X11	CONNECTOR 2-WAY		AUCOM ELECTRONICS	MATLOCK 2C/2H	1
X12	CONNECTOR 2-WAY		AUCOM ELECTRONICS	MATLOCK 2C/2H	1
X13	CONNECTOR 2-WAY		AUCOM ELECTRONICS	MATLOCK 2C/2H	1
X1	TERMINAL-DOUBLE TIER		PHOENIX	QTTCS 1.5	18
X1	TERMINAL-EARTH DOUBLE		PHOENIX	QTTCS 1.5-PE	1
X2	TERMINAL-DOUBLE TIER		PHOENIX	QTTCS 1.5	78
X2	TERMINAL-EARTH DOUBLE		PHOENIX	QTTCS 1.5-PE	2
X3	TERMINAL-DOUBLE TIER		PHOENIX	QTTCS 1.5	18
X3	TERMINAL-EARTH DOUBLE		PHOENIX	QTTCS 1.5-PE	2
X10	TERMINAL-SINGLE		PHOENIX	UK 5 N	4
X10	TERMINAL-EARTH SINGLE		PHOENIX	USLKG 5	1

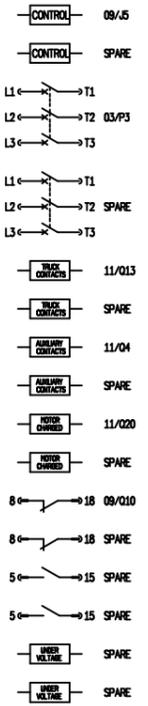
DRAWING NO:	TITLE_1	TITLE_2	REVISION
770-15241-001	MXV PANEL c/w CIRCUIT BREAKERS	MATERIAL LIST & DRAWING INDEX	00H
770-15241-002	MXV PANEL c/w CIRCUIT BREAKERS	CROSS REFERENCE LISTS	00H
770-15241-003	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - MV POWER	00H
770-15241-004	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - CURRENT & VOLTAGE SENSING	00H
770-15241-005	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - PHASE CASSETTE CONTROL	00H
770-15241-006	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - INTERFACE PCB I/O	00H
770-15241-007	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - MXV CONTROLLER	00H
770-15241-008	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - LV POWER SUPPLIES	00H
770-15241-009	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - MAIN VCB CONTROL	00H
770-15241-010	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - BYPASS VCB CONTROL	00H
770-15241-011	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - VCB AUX & RACK CONTACTS	00H
770-15241-012	MXV PANEL c/w CIRCUIT BREAKERS	SCHEMATIC DIAGRAM - MOTOR PROTECTION	00H
770-15241-013	MXV PANEL c/w CIRCUIT BREAKERS	MXV CABLE BLOCK DIAGRAM	00H
770-15241-014	MXV PANEL c/w CIRCUIT BREAKERS	MXV FIBRE OPTIC CONNECTION DETAILS	00H
770-15241-015	MXV PANEL c/w CIRCUIT BREAKERS	LV TERMINAL RAILDETAILS: X1 & X10	00H
770-15241-016	MXV PANEL c/w CIRCUIT BREAKERS	LV TERMINAL RAIL DETAILS: X2 (1)	00H
770-15241-017	MXV PANEL c/w CIRCUIT BREAKERS	LV TERMINAL RAIL DETAILS: X2 (2)	00H
770-15241-018	MXV PANEL c/w CIRCUIT BREAKERS	LV TERMINAL RAIL DETAILS: X3 AND TB1	00H

PANEL DESIGNATION: MXV-XXXX-V11-WV-FV-X-X-E-L-X

 <p>PO BOX 80208 CHRISTCHURCH NEW ZEALAND</p> <p>TEL: [+64] 3 3388280 WEB: www.aucom.com</p>	 <p>All dimensions in mm unless otherwise specified</p>	<p>REFERENCES:</p> <p>This drawing and the intellectual property contained herein is covered by international copyright. Use of it in whole, part or adoption in any manner or form, constitutes a violation of copyright; any infringement may result in claims for damages or prosecution against the unauthorised user. AuCom Electronics Limited 2010.</p>	00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	<p>CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MXV SOFT STARTER PANEL MXV PANEL c/w CIRCUIT BREAKERS MATERIAL LIST & DRAWING INDEX</p>			
			00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.		<p>FILE NAME: 770-15241-001</p>	<p>REV: 00H</p>	<p>SCALE: NTS</p>
			00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.				
			REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.		SO: XXXXXX	SHT01 of 18	

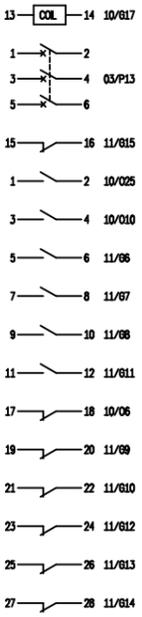
MAIN VCB (WITHDRAWABLE)

TAG : Q1



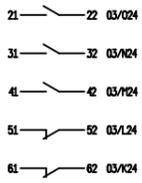
BYPASS VCB (FIXED)

TAG : Q2



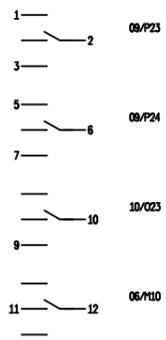
EARTH SWITCH AUXILIARIES

TAG : Q3-1



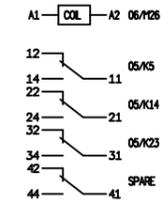
SST/DOL+/DOL SELECTOR

TAG : S1



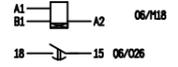
STACK FAN CONTROL

TAG : K40



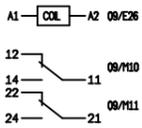
STACK FAN DELAY-OFF

TAG : T40



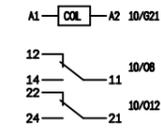
MAIN VCB CONTROL

TAG : K11



BYPASS VCB CONTROL

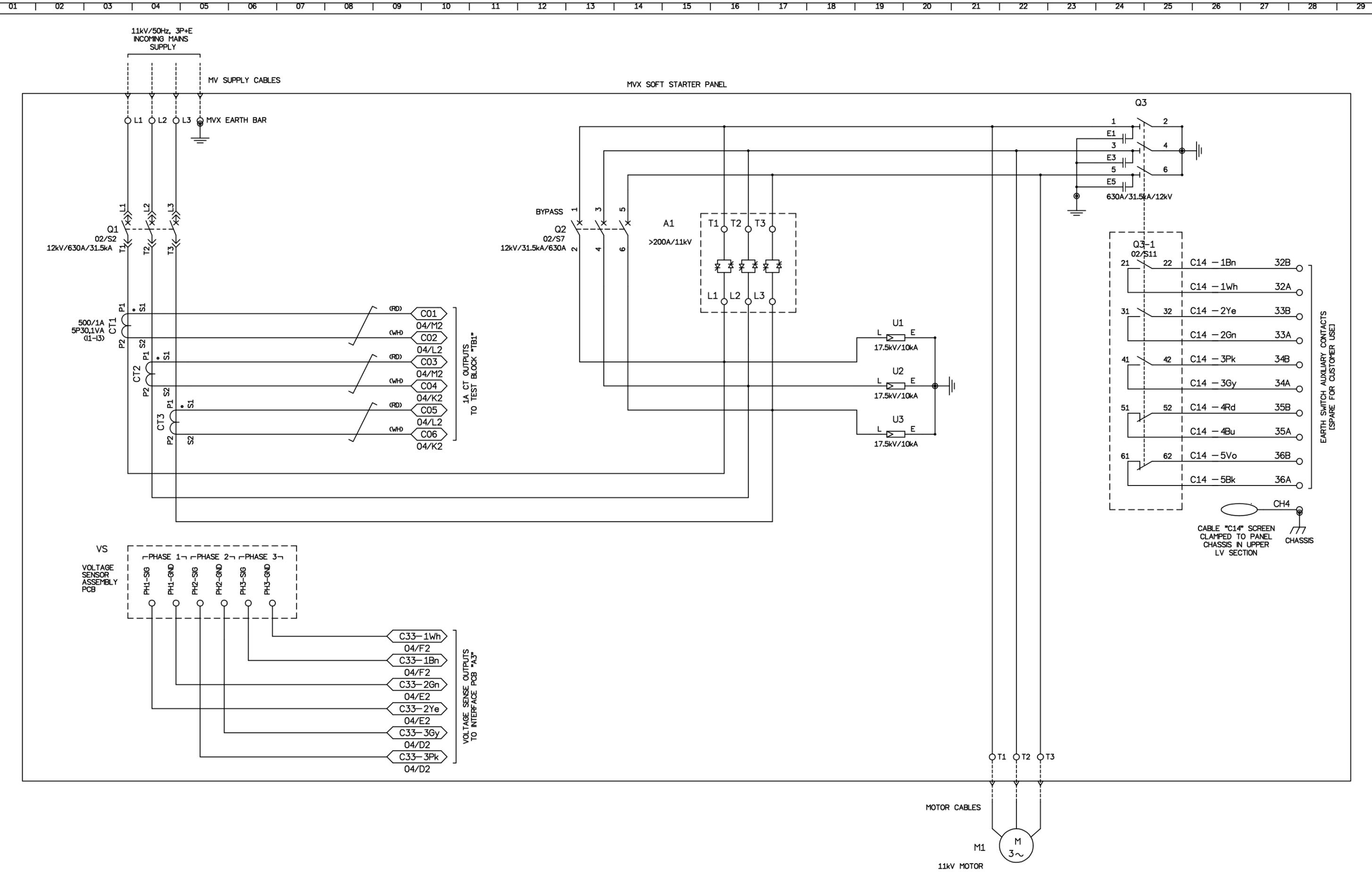
TAG : K12



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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MVX SOFT STARTER PANEL MVX PANEL c/w CIRCUIT BREAKERS CROSS REFERENCE LISTS		
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.	FILE NAME: 770-15241-002	REV: 00H	SCALE: NTS
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.	SO: XXXXXX	SHT02 of 18	
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.			



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A2

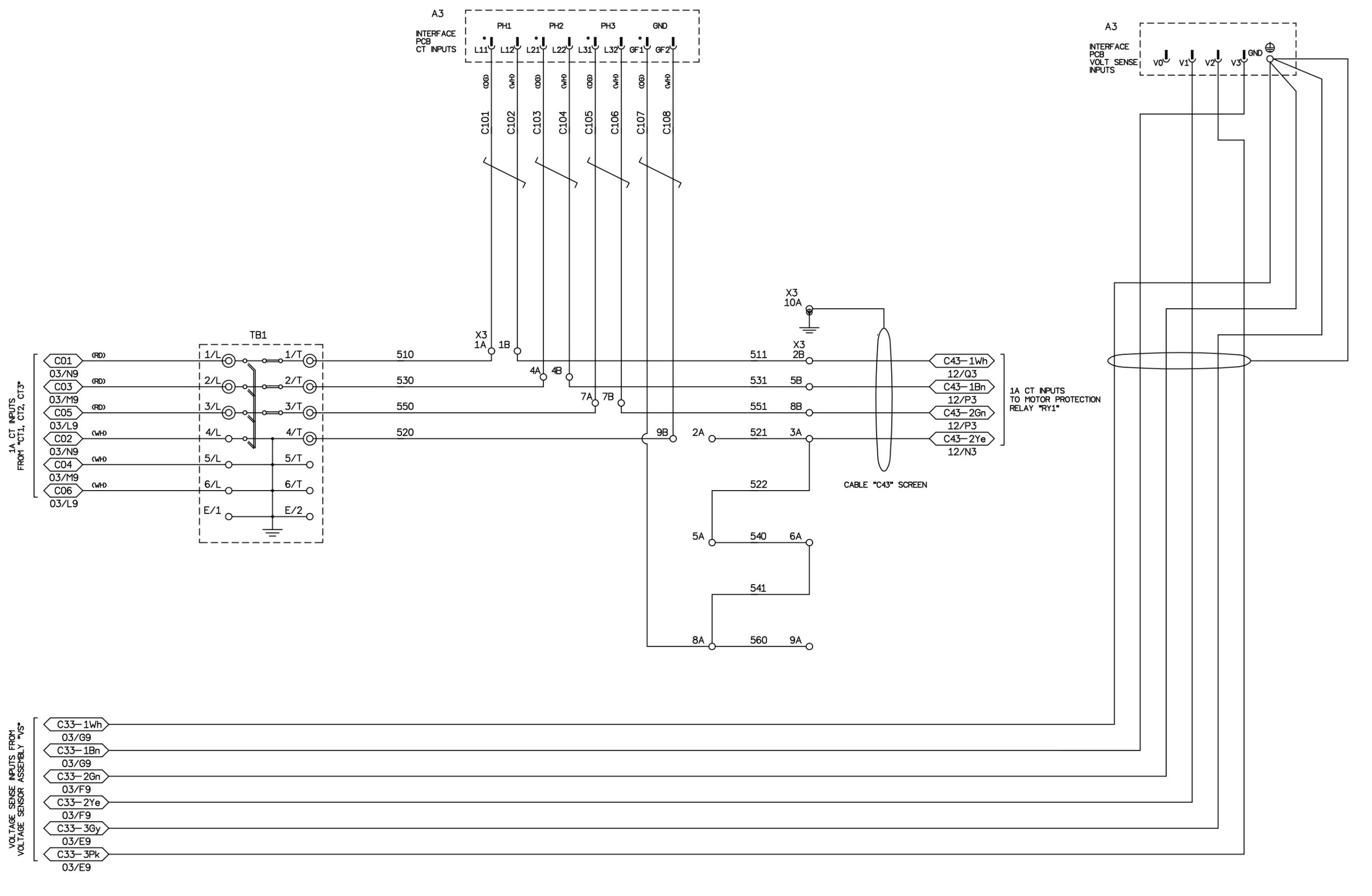
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		
PROJECT: MVX SOFT STARTER PANEL		
MVX PANEL c/w CIRCUIT BREAKERS		
SCHEMATIC DIAGRAM - MV POWER		
FILE NAME: 770-15241-003	REV: 00H	SCALE: NTS
SO: XXXXXX	SHT03 of 18	



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A2

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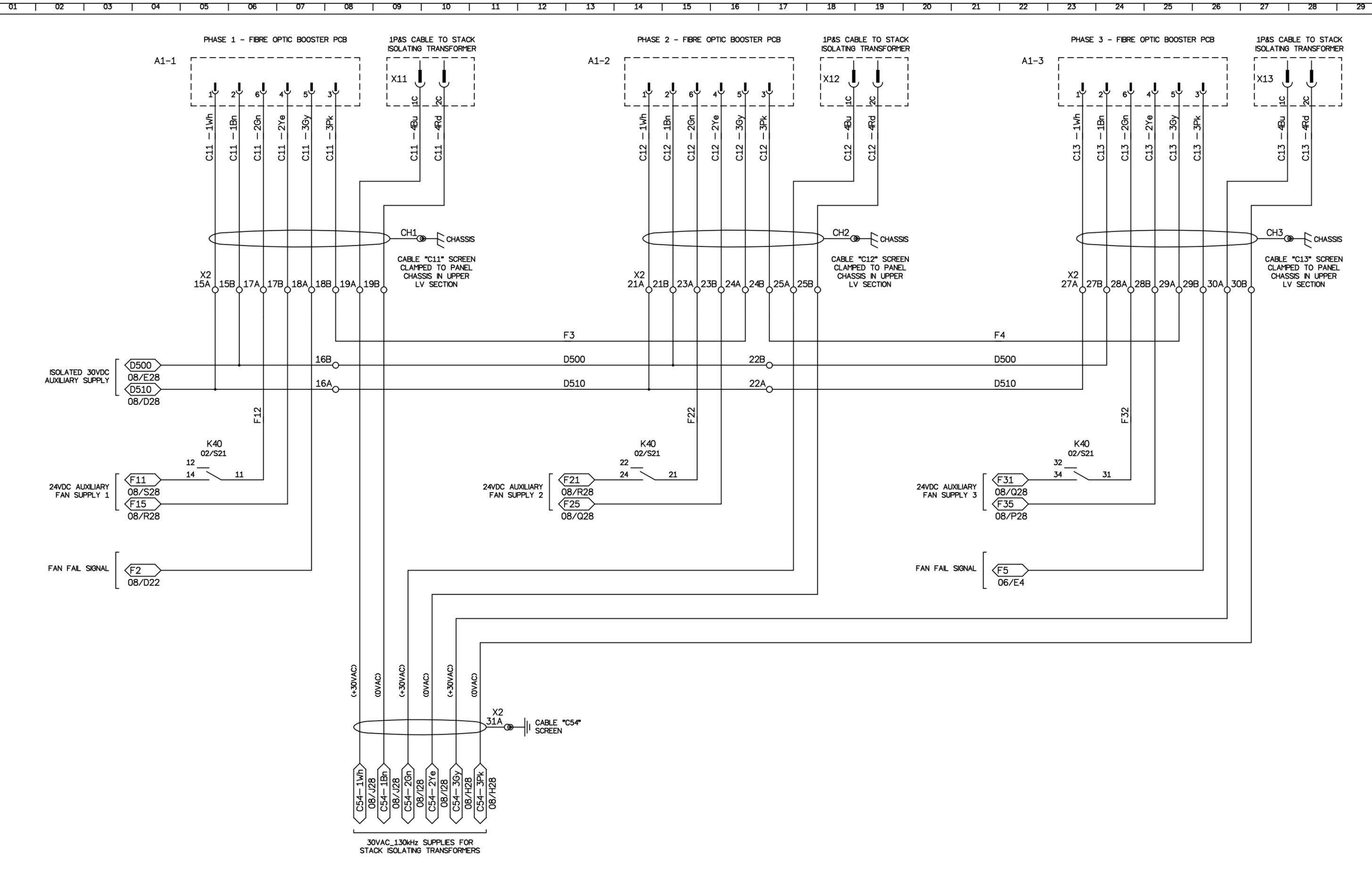
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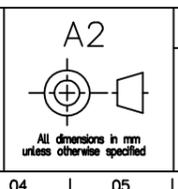
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00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		PROJECT: MVX SOFT STARTER PANEL	
MVX PANEL c/w CIRCUIT BREAKERS		SCHEMATIC DIAGRAM - CURRENT & VOLTAGE SENSING	
FILE NAME: 770-15241-004	REV: 00H	SCALE: NTS	
SO: XXXXXX	SHT04 of 18		



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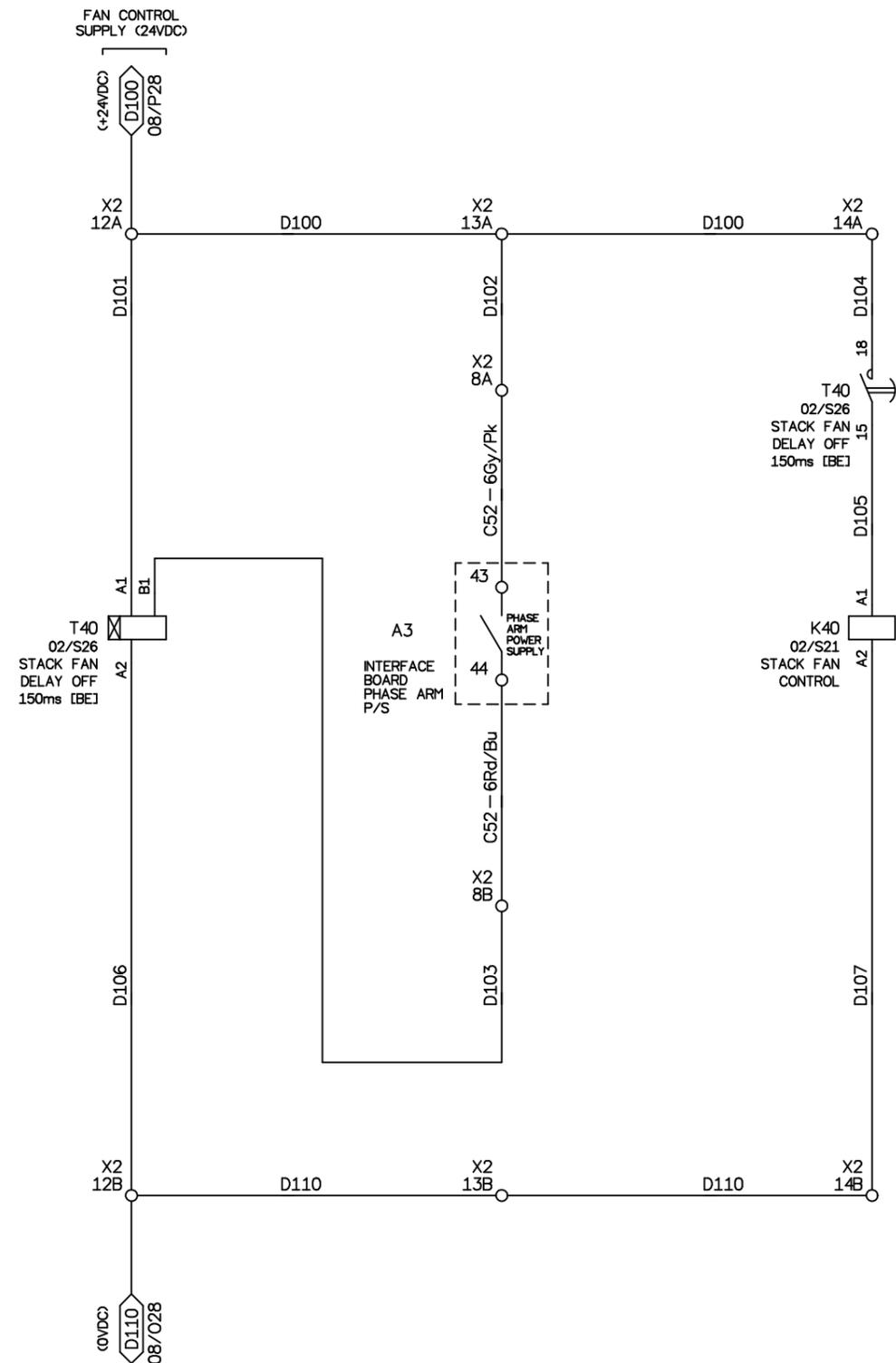
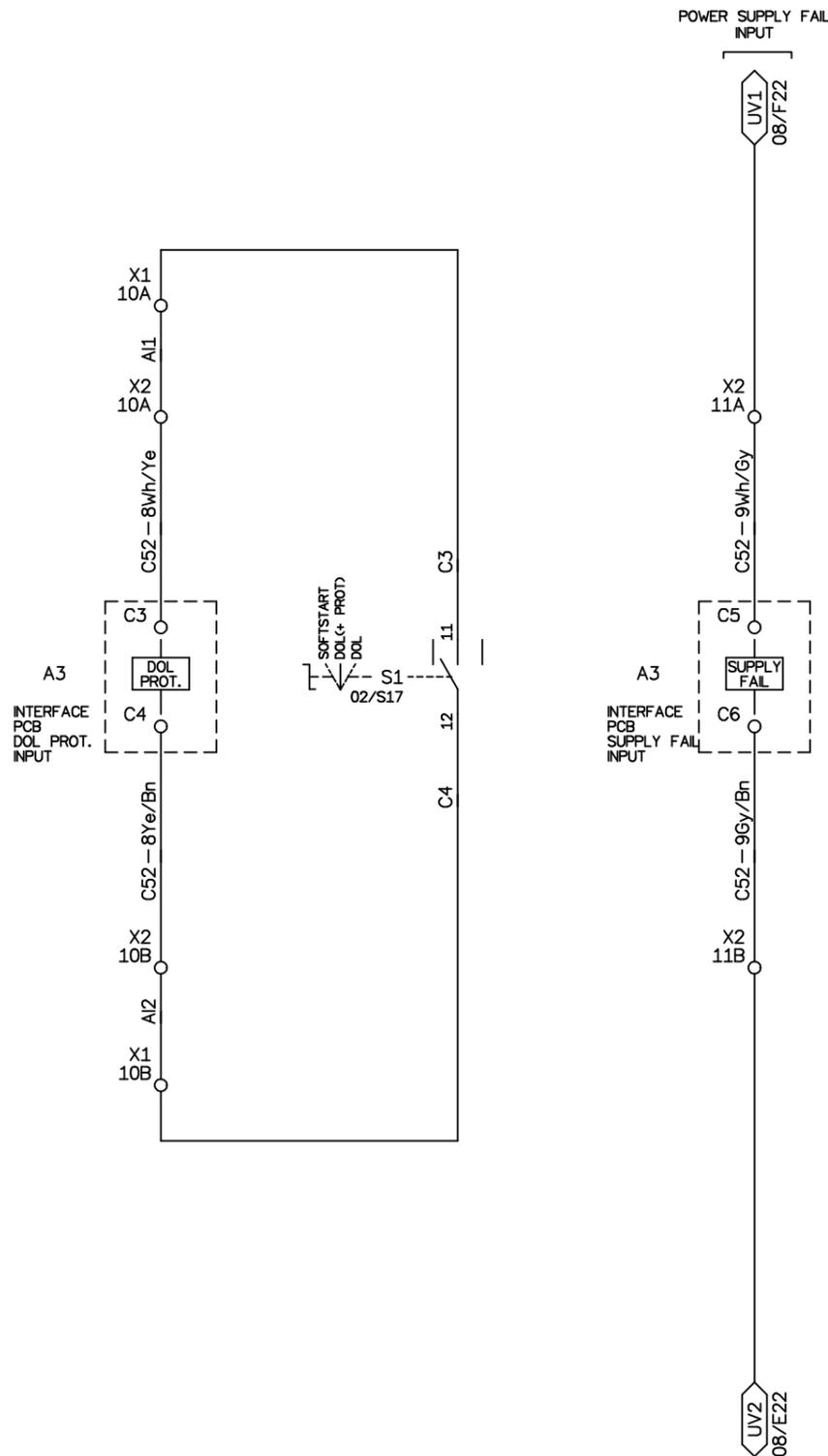
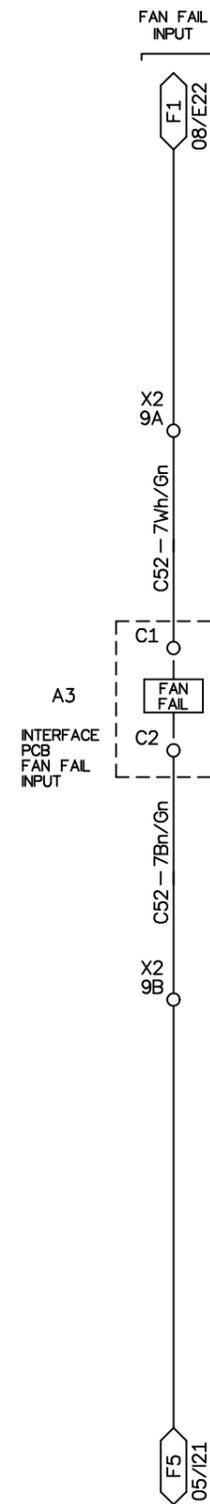
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

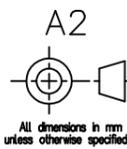
CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS
PROJECT: MVX SOFT STARTER PANEL
MVX PANEL c/w CIRCUIT BREAKERS
SCHEMATIC DIAGRAM - PHASE CASSETTE CONTROL

FILE NAME: 770-15241-005	REV: 00H	SCALE: NTS
SO: XXXXXX	SHT05 of 18	



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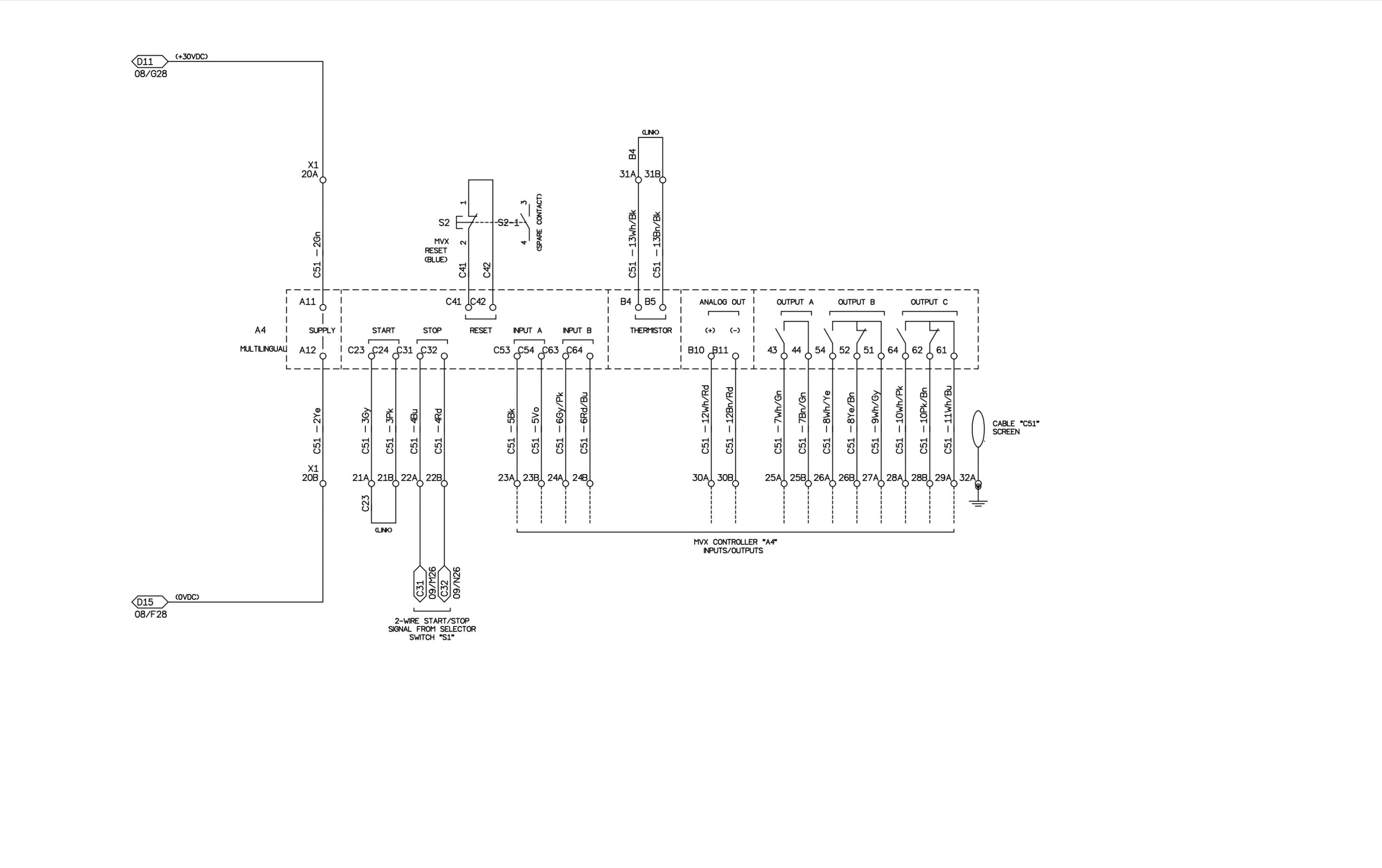


All dimensions in mm unless otherwise specified

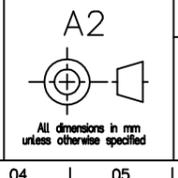
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MVX SOFT STARTER PANEL MVX PANEL c/w CIRCUIT BREAKERS SCHEMATIC DIAGRAM - INTERFACE PCB I/O		
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00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.	SO: XXXXXX	SHT06 of 18	
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.			



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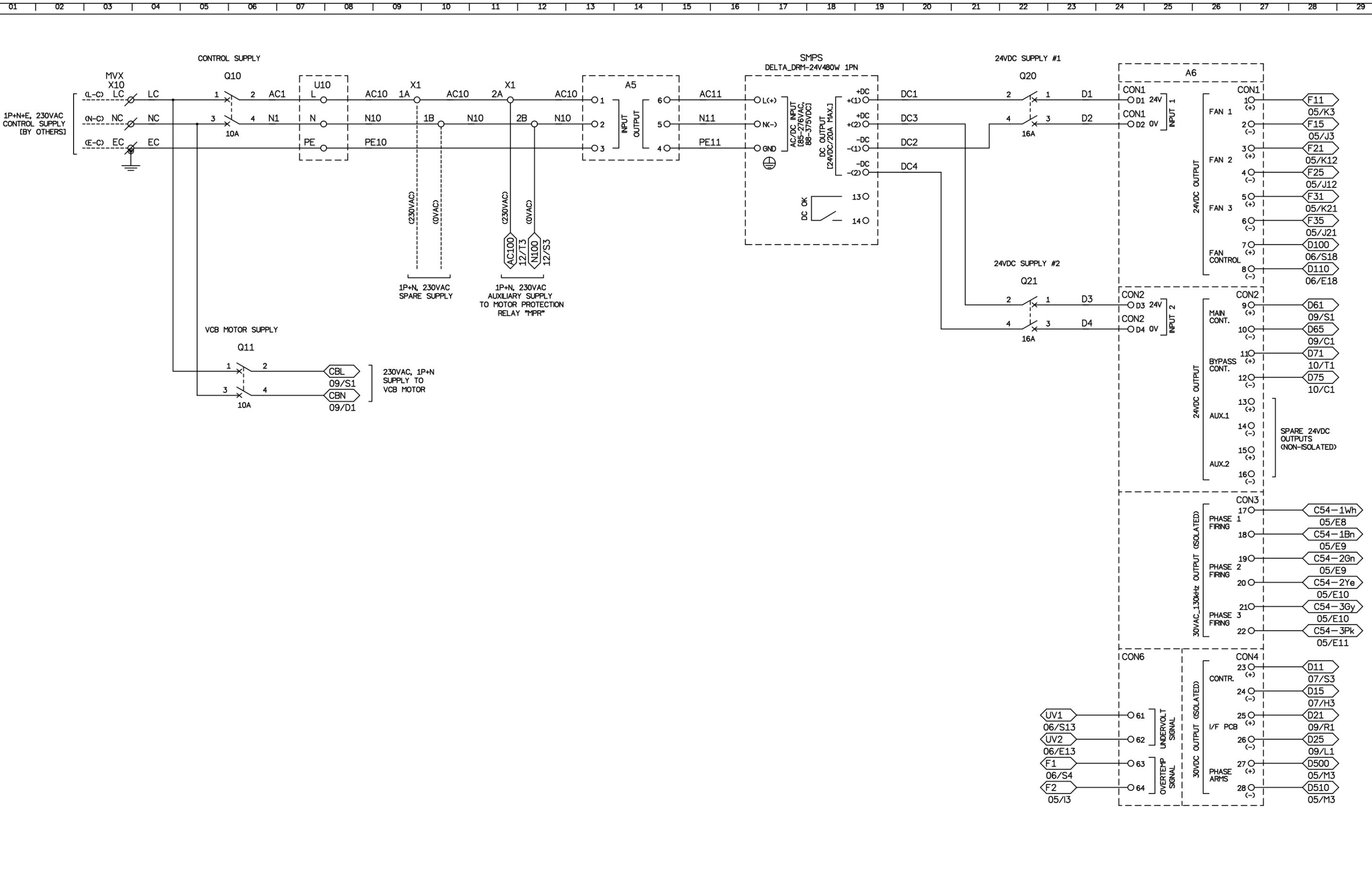
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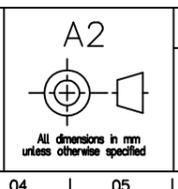
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		
PROJECT: MVX SOFT STARTER PANEL		
MVX PANEL c/w CIRCUIT BREAKERS		
SCHEMATIC DIAGRAM - MVX CONTROLLER		
FILE NAME: 770-15241-007	REV: 00H	SCALE: NTS
SO: XXXXXX	SHT07 of 18	



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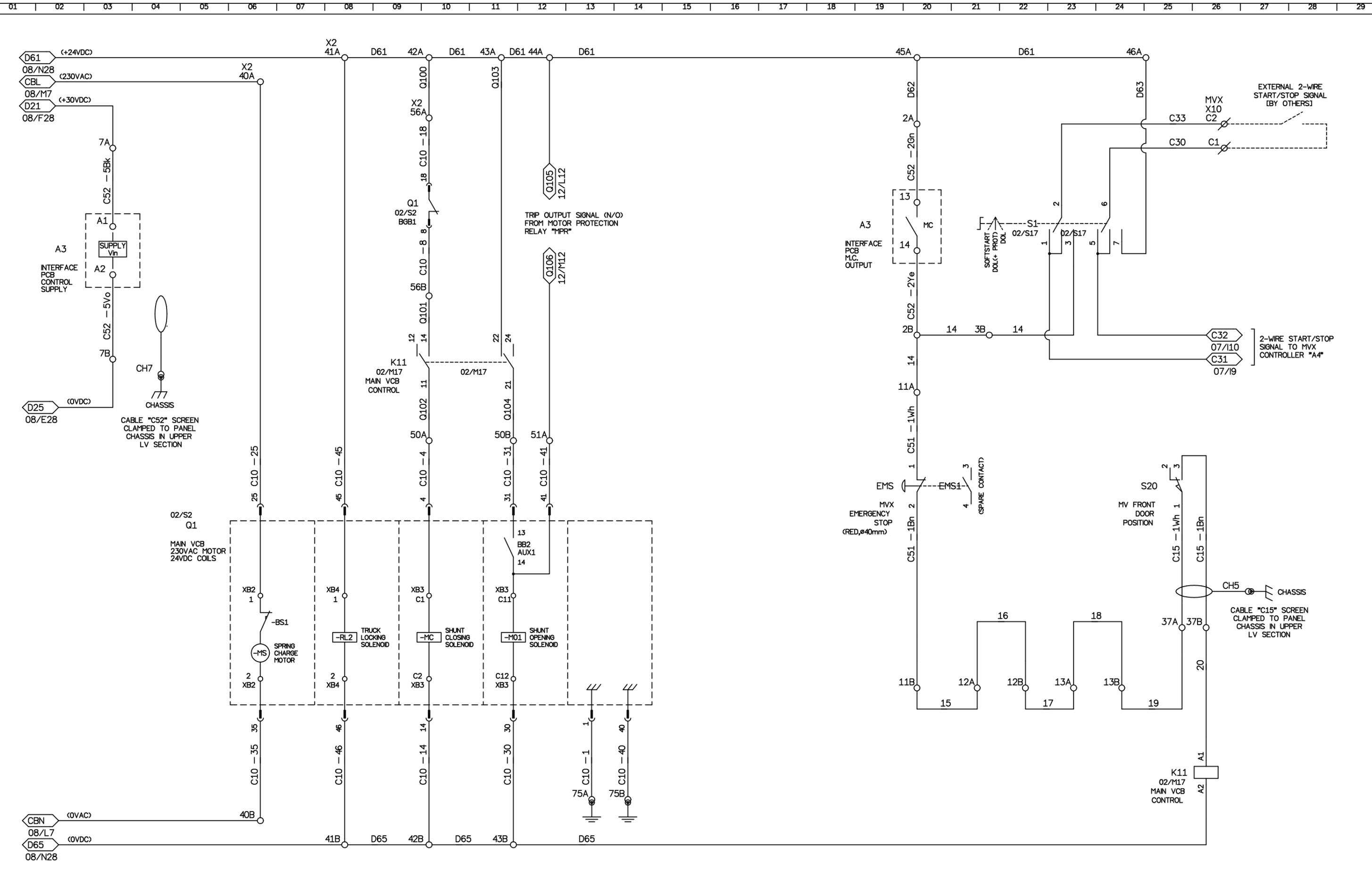
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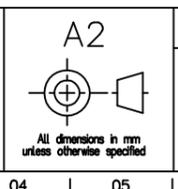
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		FILE NAME: 770-15241-008	REV: 00H	SCALE: NTS
PROJECT: MVX SOFT STARTER PANEL		SO: XXXXXX	SHT08 of 18	
MVX PANEL c/w CIRCUIT BREAKERS				
SCHEMATIC DIAGRAM - LV POWER SUPPLIES				



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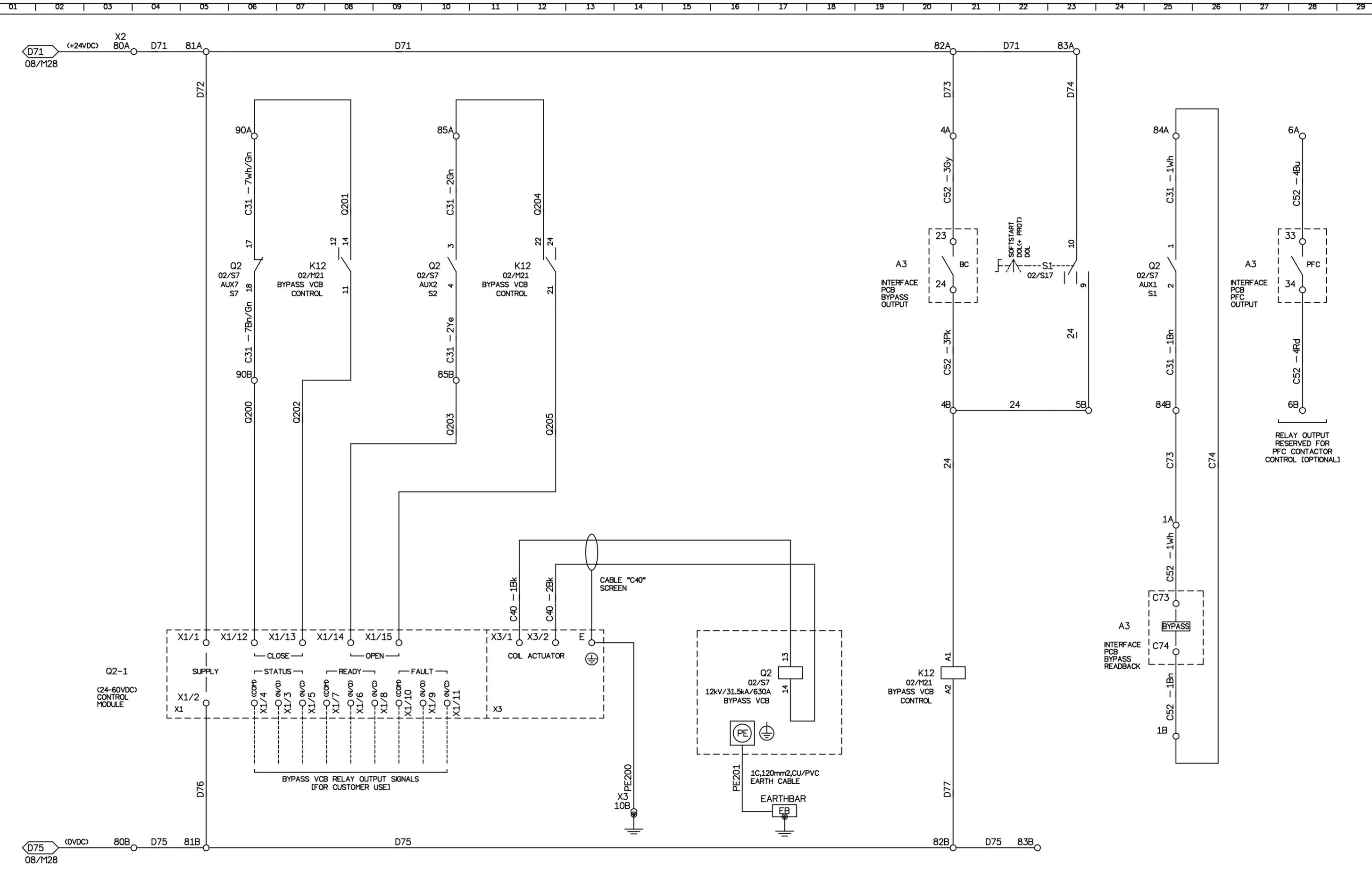
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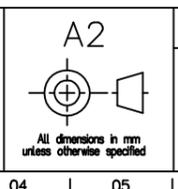
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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		FILE NAME: 770-15241-009	REV: 00H	SCALE: NTS
PROJECT: MVX SOFT STARTER PANEL		SO: XXXXXX	SHT09 of 18	
MVX PANEL c/w CIRCUIT BREAKERS				
SCHEMATIC DIAGRAM - MAIN VCB CONTROL				



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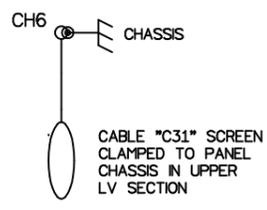
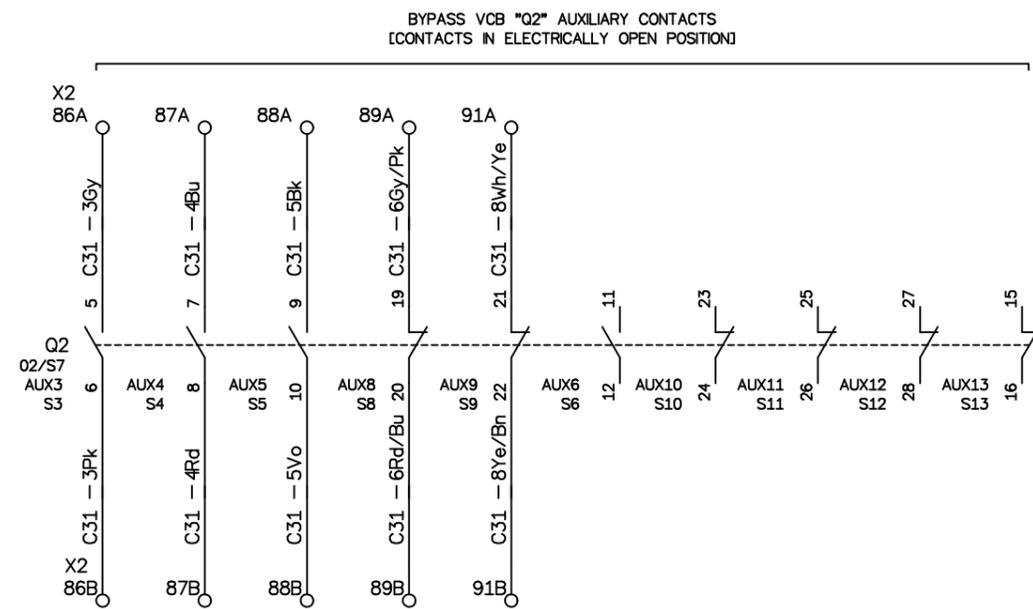
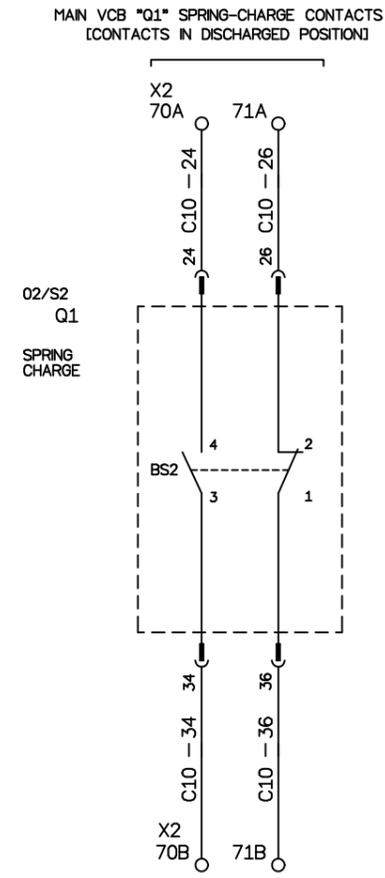
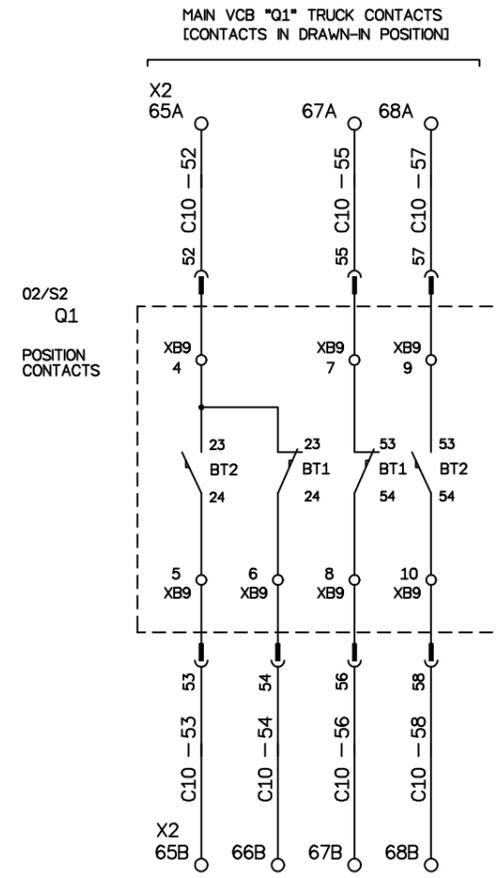
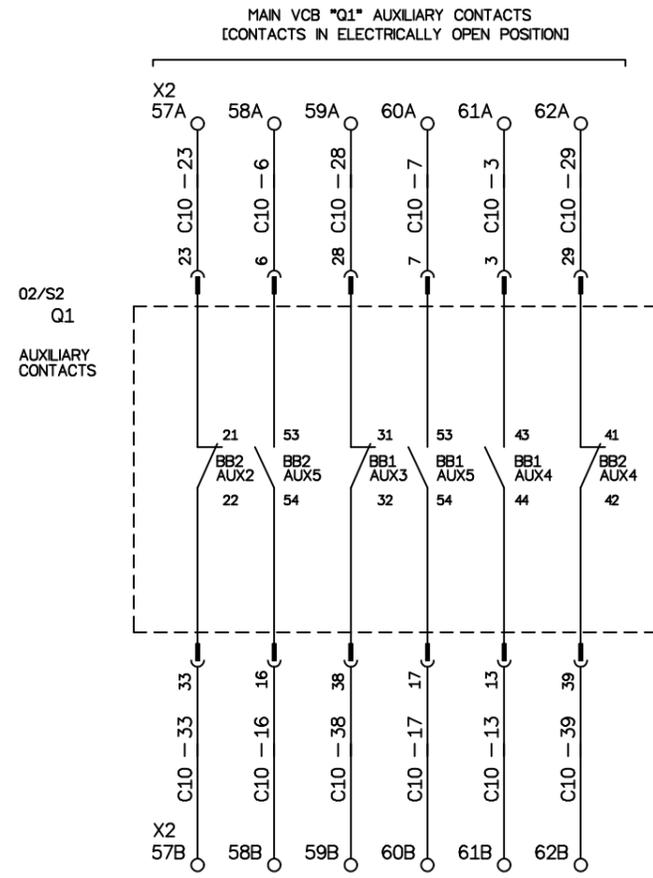
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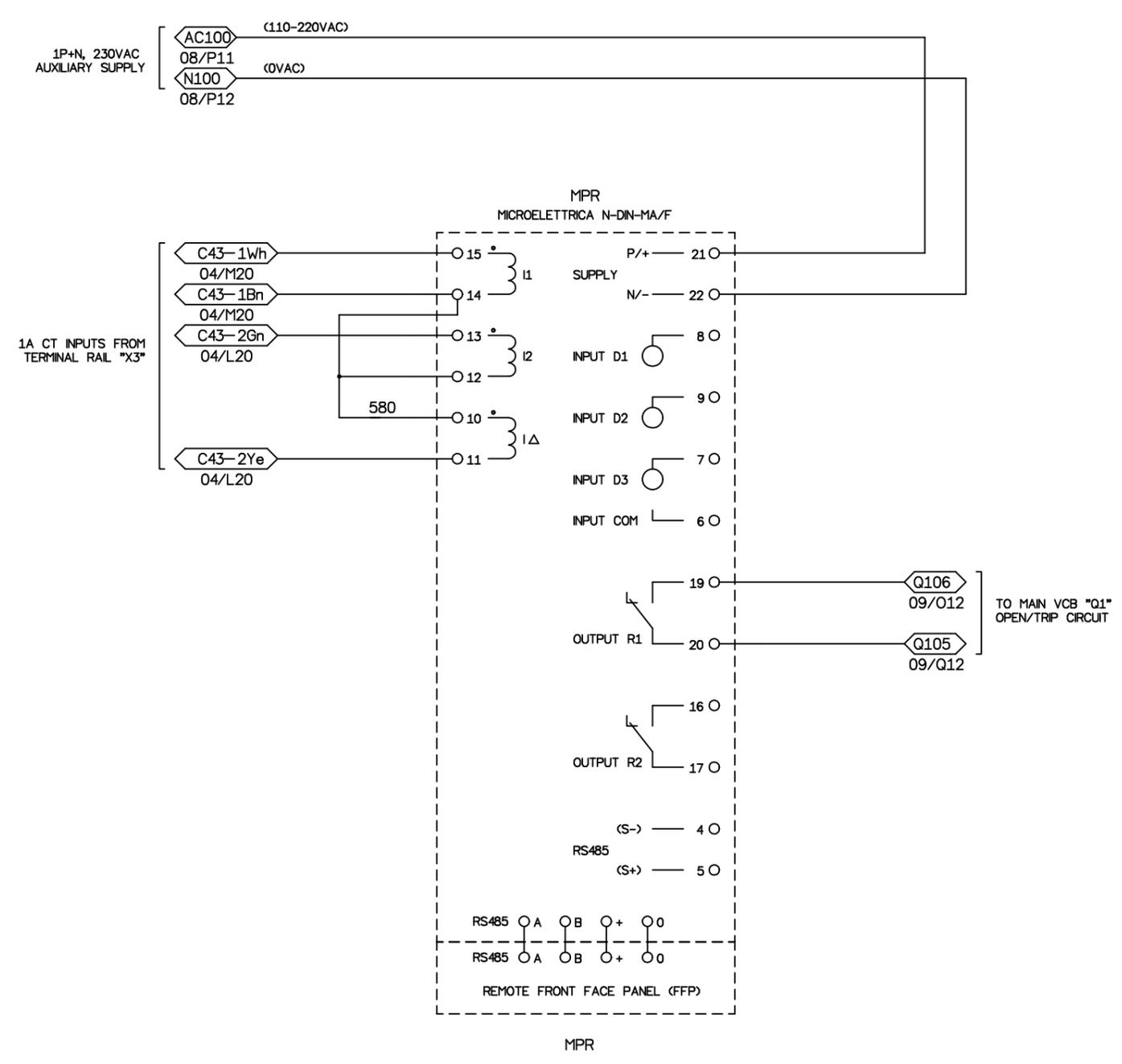
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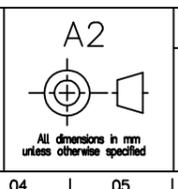
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00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		FILE NAME: 770-15241-010	REV: 00H	SCALE: NTS
PROJECT: MVX SOFT STARTER PANEL		SO: XXXXXX	SHT: 10 of 18	
MVX PANEL c/w CIRCUIT BREAKERS				
SCHEMATIC DIAGRAM - BYPASS VCB CONTROL				





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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MVX SOFT STARTER PANEL		
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.	MVX PANEL c/w CIRCUIT BREAKERS SCHEMATIC DIAGRAM - MOTOR PROTECTION		
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.	FILE NAME: 770-15241-012	REV: 00H	SCALE: NTS
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.	SO: XXXXXX	SHT 12 of 18	

EQUIPMENT LOCATED IN "UPPER LV SECTION"

TAG	DESCRIPTION
A5	AUX PS SURGE PROTECTION PCB
A6	POWER SUPPLY ISOLATOR PCB
K11	MAIN CIRCUIT BREAKER CONTROL RELAY
K12	BYPASS CIRCUIT BREAKER CONTROL RELAY
K40	STACK FAN CONTROL RELAY
MPR	MOTOR PROTECTION RELAY
Q10	CONTROL SUPPLY MCB
Q20	24VDC SUPPLY #1
Q21	24VDC SUPPLY #2
S1	SST/DOL+/DOL SELECTOR SWITCH
SMPS	SWITCHMODE POWER SUPPLY
T40	STACK FAN DELAY-OFF TIMER
U10	LV SURGE ARRESTOR
X1	LV TERMINALS - RAIL [X1]
X2	LV TERMINALS - RAIL [X2]

EQUIPMENT LOCATED IN "LOWER LV SECTION"

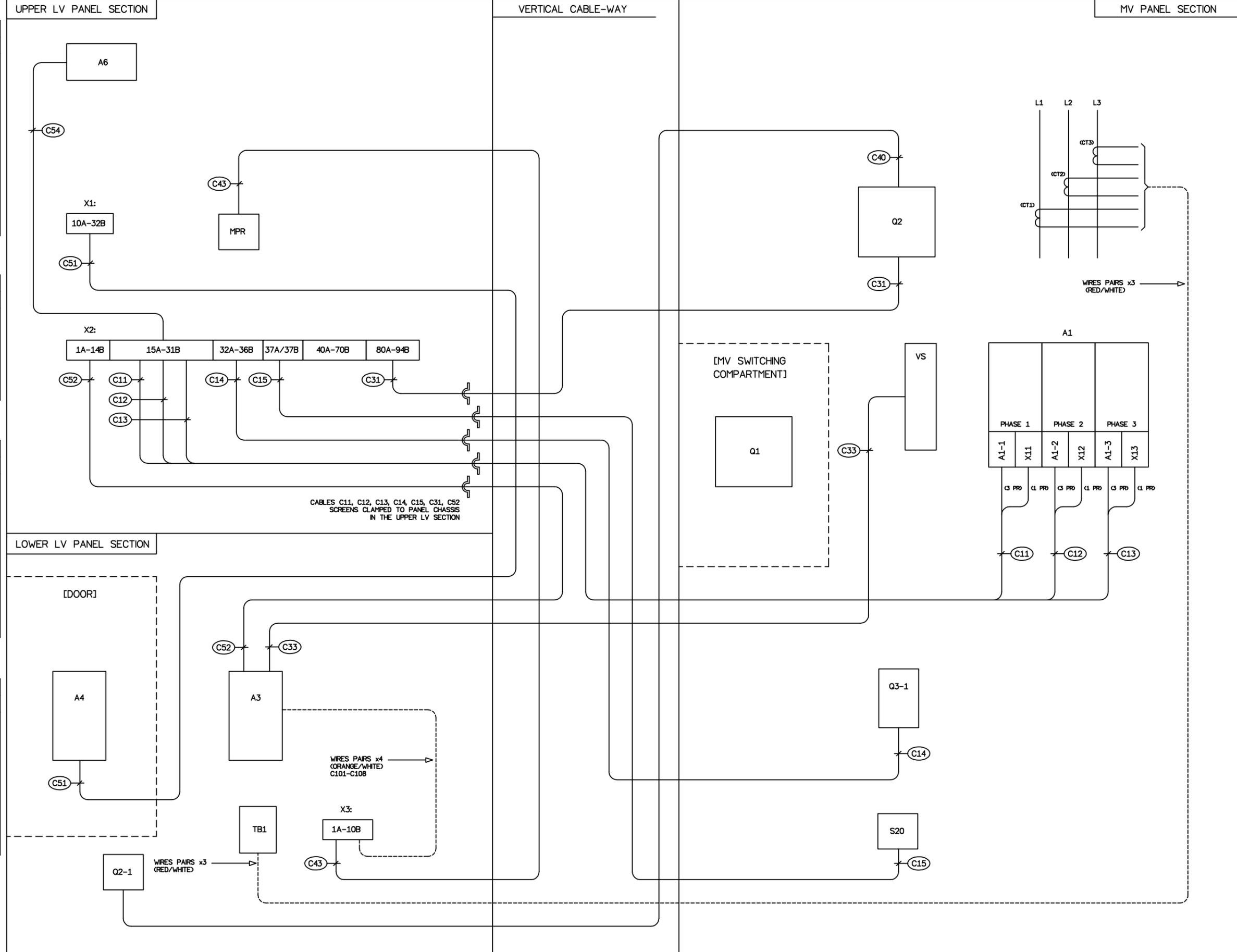
TAG	DESCRIPTION
A3	INTERFACE PCB
A4	CONTROLLER MODULE [ON DOOR]
EMS	EMERGENCY STOP ACTUATOR [ON DOOR]
Q2-1	CIRCUIT BREAKER "Q2" CONTROL MODULE
S2	RESET PUSHBUTTON [ON DOOR]
TB1	CT TEST BLOCK (3-PHASE)
X3	LV TERMINALS - RAIL [X3]

EQUIPMENT LOCATED IN "MV PANEL SECTION"

TAG	DESCRIPTION
A1	MVX PHASE CASSETTE ASSEMBLY
A1-1	FIBRE OPTIC BOOSTER PCB - PHASE 1
A1-2	FIBRE OPTIC BOOSTER PCB - PHASE 2
A1-3	FIBRE OPTIC BOOSTER PCB - PHASE 3
CT1-3	CURRENT TRANSFORMERS
Q1	MAIN CIRCUIT BREAKER (WITHDRAWABLE)
Q2	BYPASS CIRCUIT BREAKER (FIXED)
Q3	EARTH SWITCH
Q3-1	EARTH SWITCH AUXILIARY CONTACT BLOCK
S20	MV DOOR POSITION SWITCH
U1-3	MV SURGE ARRESTORS
X11	2-WAY CONNECTOR (PHASE 1 ASSY)
X12	2-WAY CONNECTOR (PHASE 2 ASSY)
X13	2-WAY CONNECTOR (PHASE 3 ASSY)

CABLE DETAILS

TAG	DESCRIPTION	FROM	TO
C11	4 PAIR + SCREEN	A1-1	X2
C12	4 PAIR + SCREEN	A1-2	X2
C13	4 PAIR + SCREEN	A1-3	X2
C14	10 PAIR + SCREEN	Q3-1	X2
C15	1 PAIR + SCREEN	S20	X2
C31	8 PAIR + SCREEN	Q2	X2
C33	3 PAIR + SCREEN	VS	A3
C40	2 CORE + SCREEN	Q2	Q2-1
C43	3 PAIR + SCREEN	MPR	X3
C51	14 PAIR + SCREEN	A4	X1
C52	10 PAIR + SCREEN	A3	X2
C54	3 PAIR + SCREEN	A6	X2



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A2

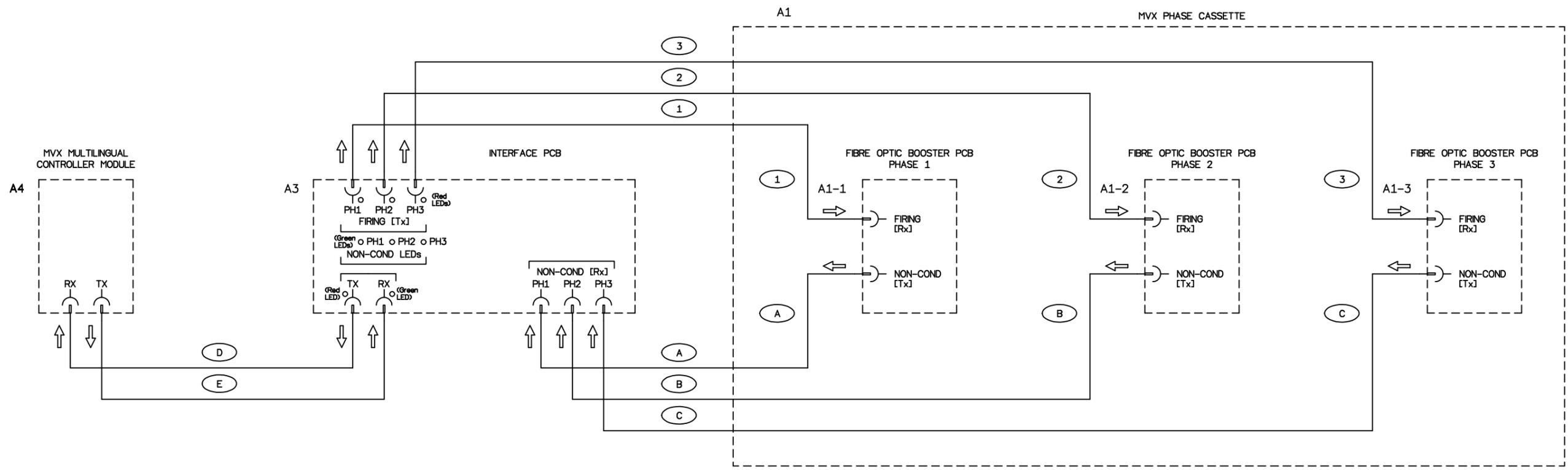
All dimensions in mm unless otherwise specified

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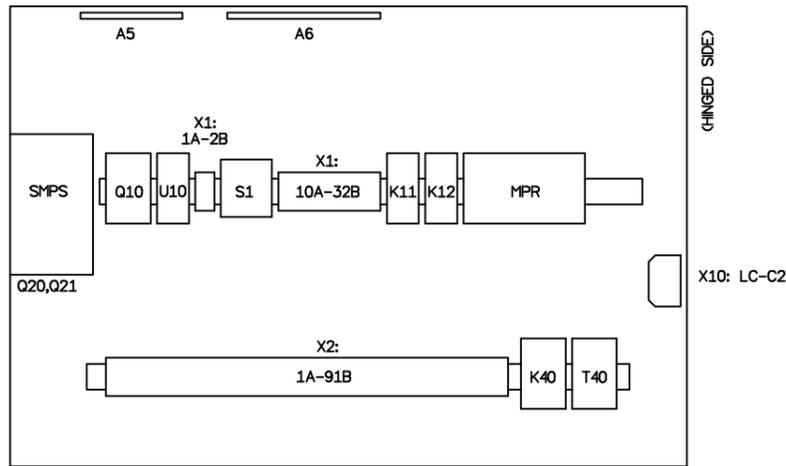
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00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS	
PROJECT: MVX SOFT STARTER PANEL	
MVX PANEL c/w CIRCUIT BREAKERS	
MVX CABLE BLOCK DIAGRAM	
FILE NAME: 770-15241-013	REV: 00H
SO: XXXXXX	SHT13 of 18
SCALE: NTS	

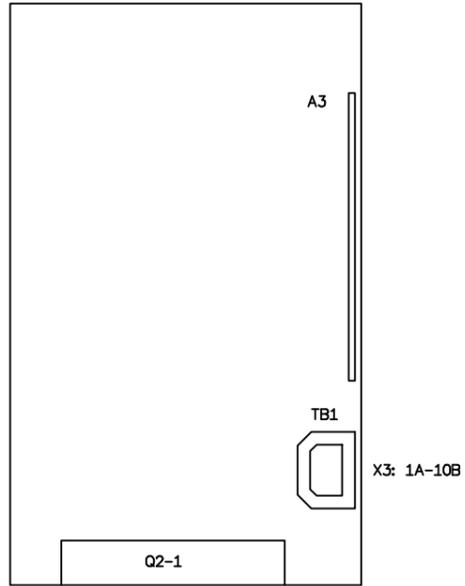


NOTE:
 FIXED FIBRE OPTIC TRANSMIT (Tx) AND RECEIVE (Rx) CONNECTOR SOCKETS ARE MOUNTED ON THE INTERFACE PCB "A3" AND THE THREE FIBRE OPTIC BOOSTER PCBs "A1-1, A1-2, A1-3".
 TRANSMIT (Tx) FIBRE OPTIC SOCKETS ARE LIGHT GREY COLOUR.
 RECEIVE (Rx) FIBRE OPTIC SOCKETS ARE DARK GREY COLOUR.

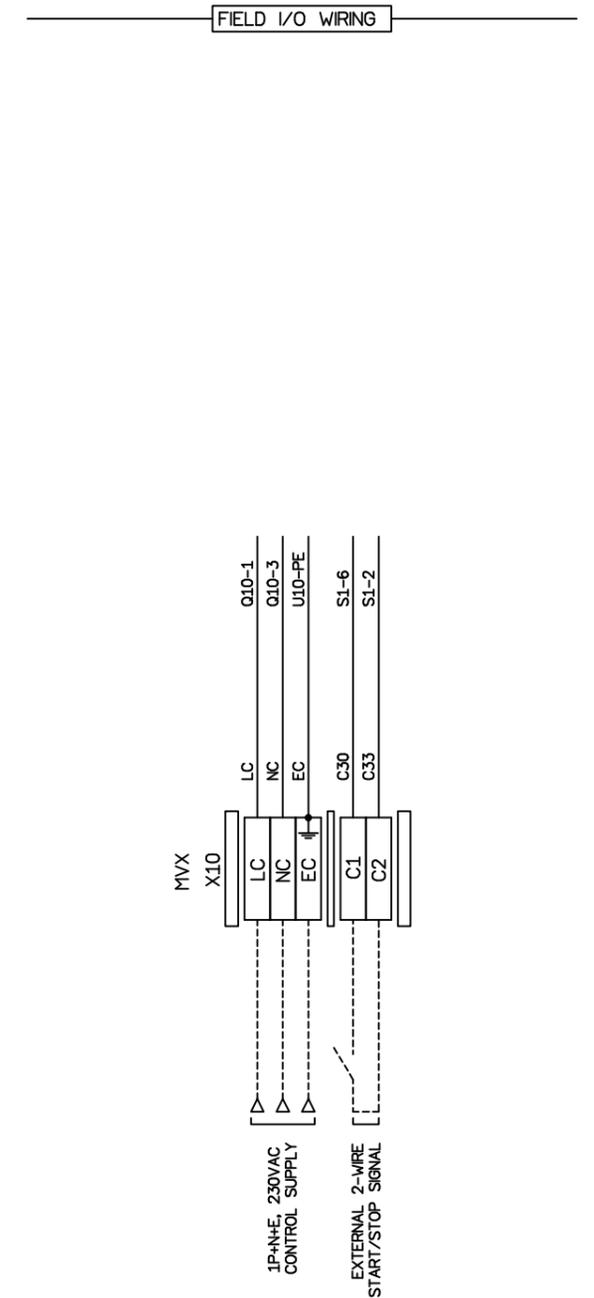
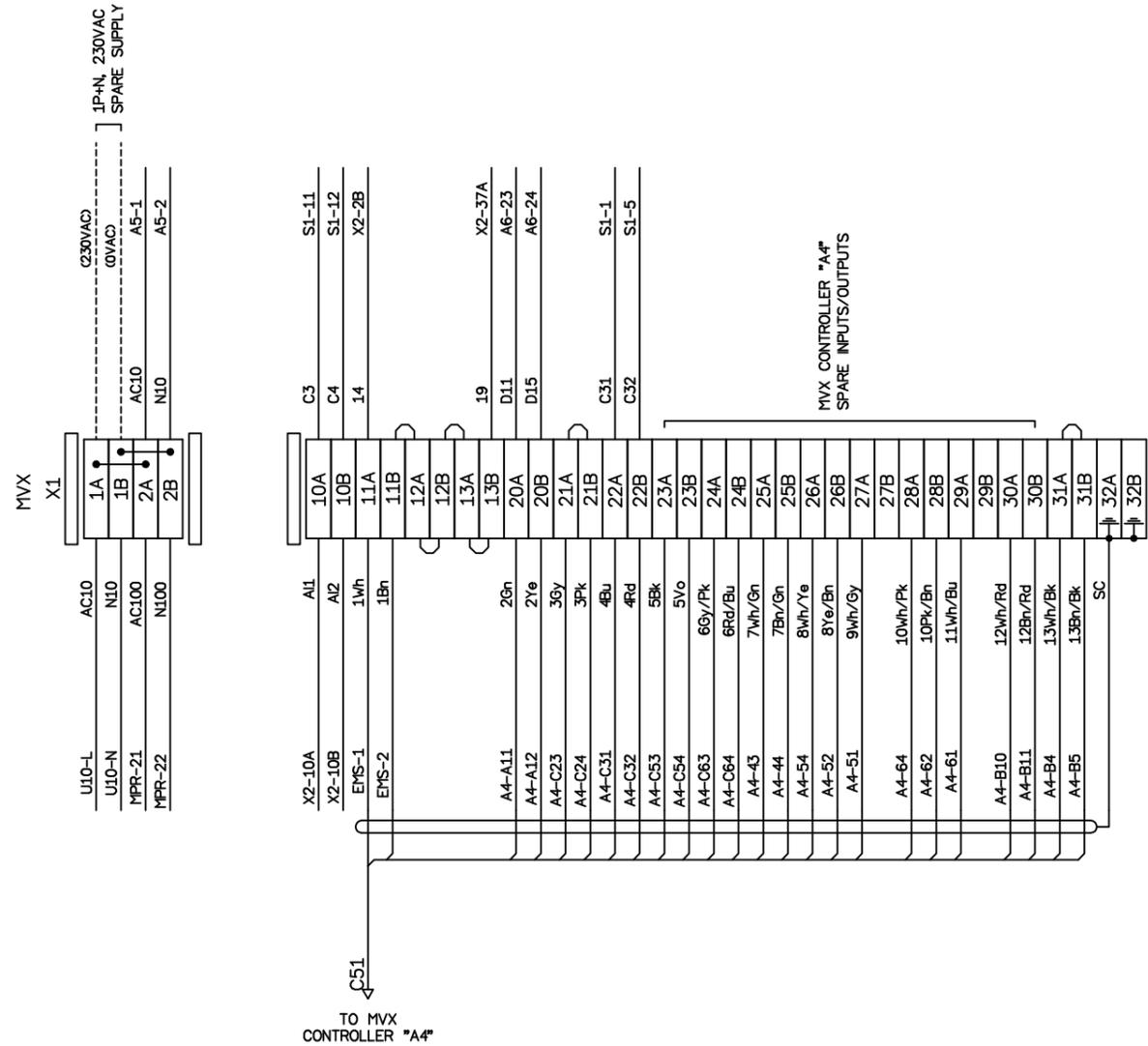
00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MVX SOFT STARTER PANEL		
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.	MVX PANEL c/w CIRCUIT BREAKERS MVX FIBRE OPTIC CONNECTION DETAILS		
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.	FILE NAME: 770-15241-014	REV: 00H	SCALE: NTS
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.	SO: XXXXXX	SHT 14 of 18	

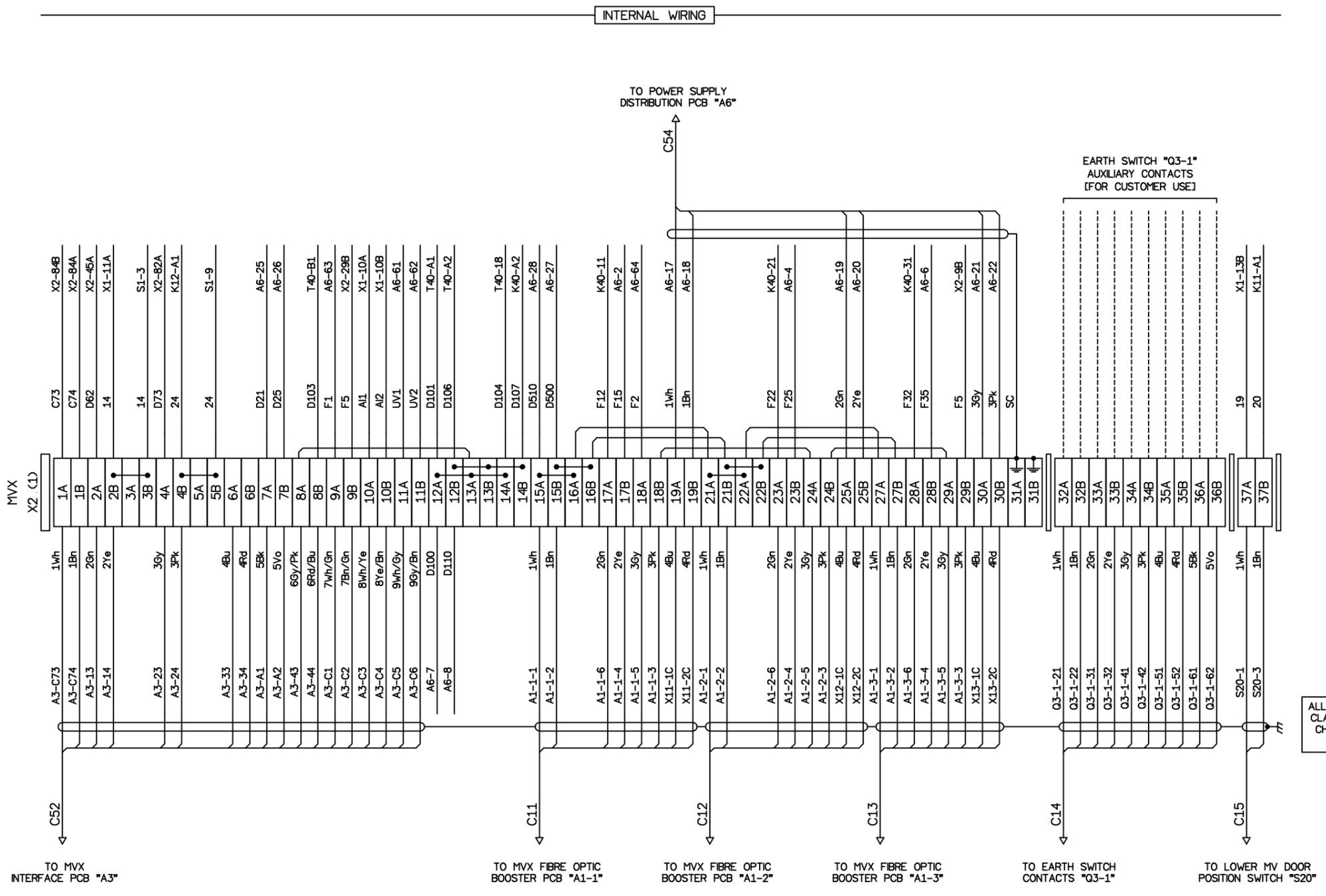


MVX UPPER "LV" COMPARTMENT
(VIEW WITH LV DOOR OPEN)



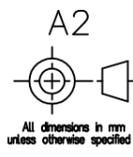
MVX LOWER "LV" COMPARTMENT
(VIEW WITH LV DOOR OPEN)





EARTH SWITCH "Q3-1"
AUXILIARY CONTACTS
(FOR CUSTOMER USE)

ALL CABLE SCREENS
CLAMPED TO PANEL
CHASSIS IN UPPER
LV SECTION



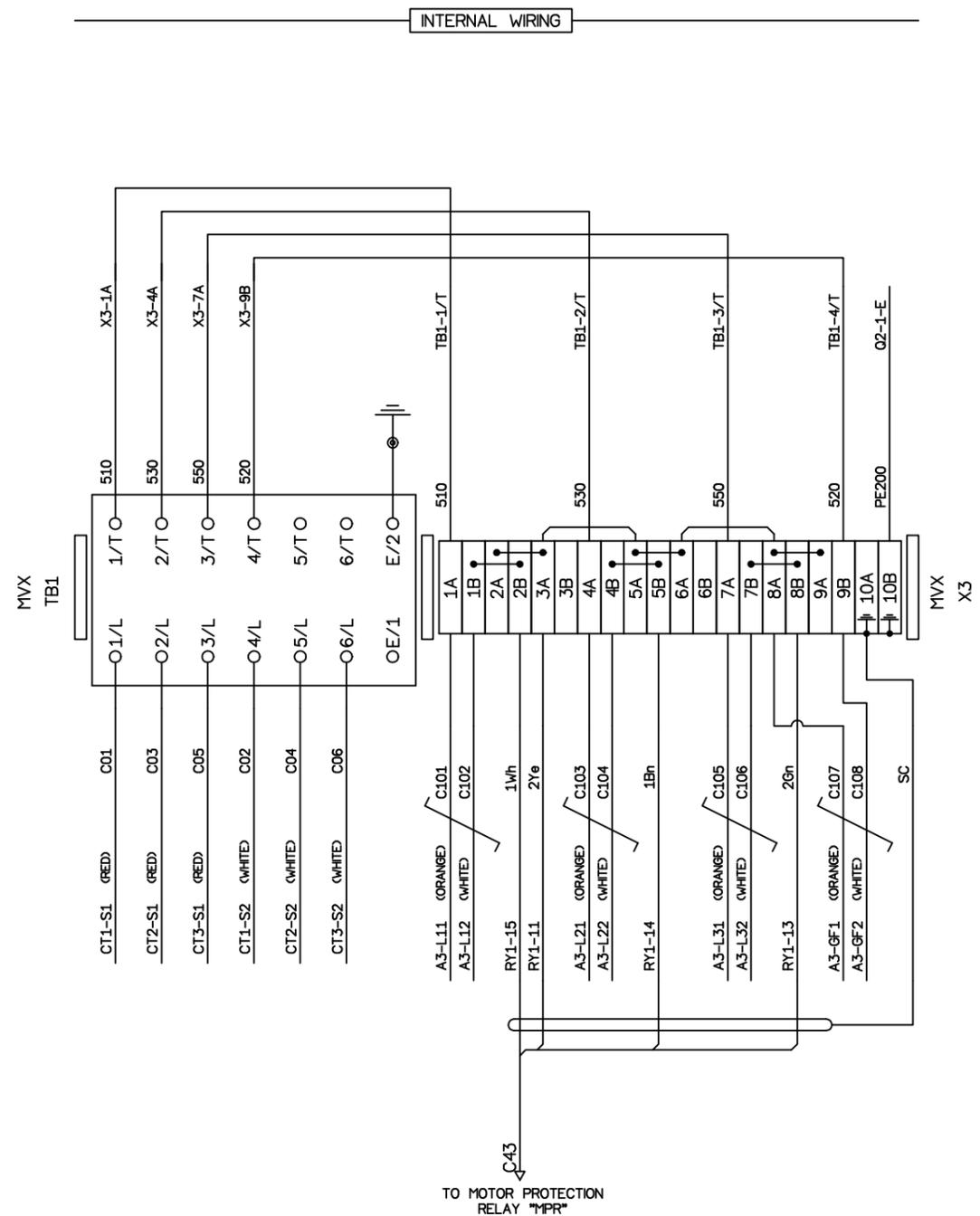
REFERENCES:

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00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.

CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS		
PROJECT: MVX SOFT STARTER PANEL		
MVX PANEL c/w CIRCUIT BREAKERS		
LV TERMINAL RAIL DETAILS: X2 (1)		
FILE NAME: 770-15241-016	REV: 00H	SCALE: NTS
SO: XXXXXX	SHT: 16 of 18	



00H	26/07/17	UPDATED FAN CONTROL CIRCUITS	DATE:	22/05/13	CUSTOMER: AUCOM MOTOR CONTROL SYSTEMS PROJECT: MVX SOFT STARTER PANEL MVX PANEL c/w CIRCUIT BREAKERS LV TERMINAL RAIL DETAILS: X3 AND TB1		
00G	16/02/17	REPLACED "S1" AND "SMPS"	DESIGNED BY:	C.B.			
00F	11/07/16	REPLACED "SMPS" AND ADDED "Q20 & Q21"	CHECKED BY:	B.V.	FILE NAME: 770-15241-018	REV:00H	SCALE:NTS
REV:	DATE:	REVISION NOTE:	APPROVED BY:	B.D.	SO: XXXXXX	SHT18 of 18	