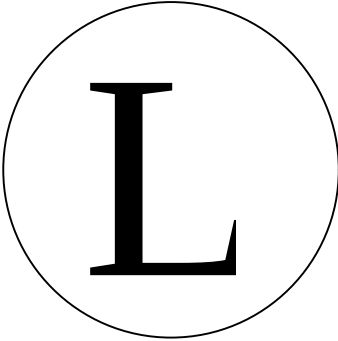
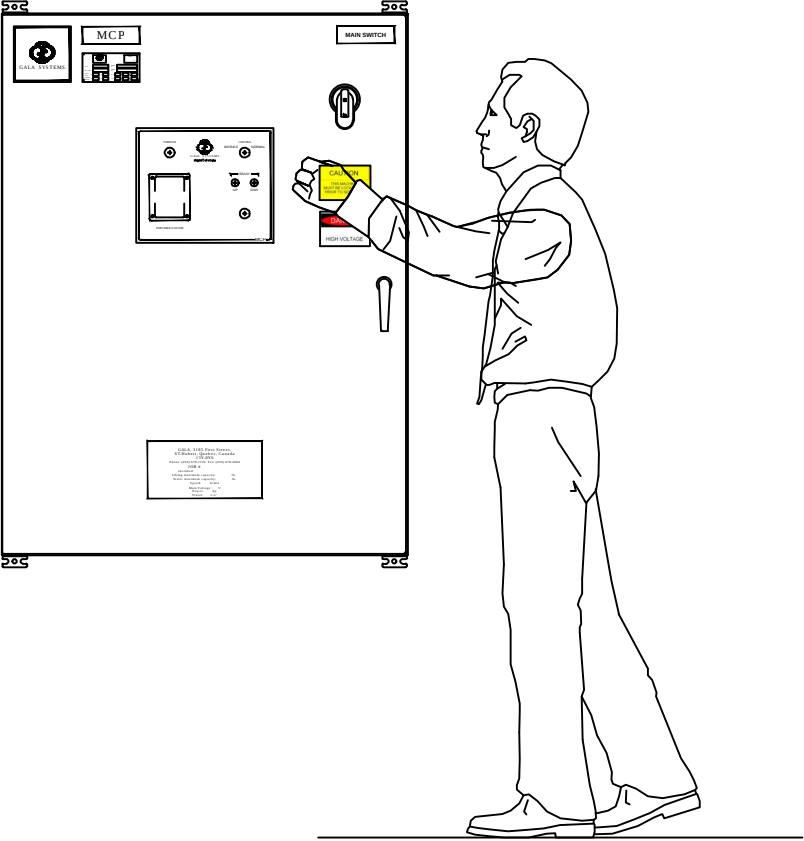




LAYOUT DIAGRAM

101-12249-861		CHESTERTON,IN	REV: 2
REV TAG	PAGE	DESCRIPTION	
△△	01/6	INDEX	
△△	02/6	PARTS LIST	
△△	03/6	TAGS	
△	04/6	BACK PLATE	
	05/6	PARTS POSITION	
	06/6	TERMINAL STRIP	



GENERAL NOTES

- 1-LOCATION OF MCP AND SMP TO BE CONFIRMED.
- 2-THE INDICATED WIRE SIZES ARE BASE ON NATIONAL ELECTRICAL CODE AND ON TYPICAL CONDITIONS SUCH AS LENGTHS OF RUNS. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INSURE AND ASCERTAIN THAT PROPOSED WIRE SIZES AND APPROPRIATE CONDUITS AND JUNCTION BOXES ARE COMPLYING WITH LOCAL CODES OR BY-LAWS. PLEASE REFER TO GALA FOR ANY PARTICULAR CONDITION.
- 3-ALL WIRES MUST BE NUMBERED OR MARKED ACCORDING TO GALA DRAWINGS.
- 4-ALL JUNCTION BOXES MUST BE IDENTIFIED ACCORDING TO GALA DRAWINGS.
- 5-FLUSH MOUNTED JUNCTION BOXES 4' X 2' X 2' (EXCEPT OTHERWISE NOTED)
- 6-THIS WIRING DIAGRAM (SIZE & QTY) IS INTENDED ONLY FOR LIFT SAFETY AND CONTROL COMPONENTS, WIRING FOR OTHER ELECTRICAL COMPONENTS ON LIFT A/V OUTLETS, SPEAKERS IF REQUIRED ARE NOT INCLUDED. PLEASE COORDINATE WITH GALA FOR OTHER ELECTRICAL COMPONENTS.
- 7-RUNS SHOWN ARE SCHEMATIC ONLY TO INDICATE WIRE NUMBERS, SIZES & LOCATIONS. FIELD CONDUIT RUNS WILL VARY TO BEST SUIT SITE CONDITIONS AS LONG AS WIRING INFO ON THIS DRAWING IS RESPECTED.

WIRE CODE

- CONTROL 240/120VAC LINE : 14AWG BLACK *
- CONTROL 120VAC NEUTRAL : 14AWG WHITE *
- CONTROL 12VDC : 16AWG PURPLE *
- CONTROL 24VDC (+24V + ...P) : 16AWG BROWN *
- CONTROL 0VDC (0V) : 16AWG BLUE *
- PLC I/O'S 24VDC : 16AWG RED *
- ALL POWER CIRCUITS 575V : 14AWG BLACK *
- GROUND (GND): 14AWG GREEN *
- ALL SOURCE COMING FROM OUTSIDE OF MCP: 14AWG YELLOW *
- * UNLESS OTHERWISE INDICATED ON DRAWINGS
- * USE (THHN) CABLE INTO CONDUITS FOR GAGE 14AWG OR MORE
- * USE (TFFN) CABLE INTO CONDUITS FOR GAGE 16AWG OR LESS
- * USE (TEW) CABLE INTO CONTROL PANEL
- * ALL ELECTRICAL CONDUCTORS SHALL BE COPPER & STRANDED

THIS DRAWING MUST BE READ JOINTLY
WITH DRAWING
101-12249-820.dwg (E)
101-12249-825.dwg (C)

2	AS BUID	2022-07-27	DGL
1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

CHK.	APP.	PREPARED BY:	 GALA SYSTEMS _®	PROJECT CHESTERTON,IN CHESTERTON HIGHSCHOOL					
				TITLE INDEX					
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			PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-861		PAGE 01 / 06	

PARTS LIST 101-12249-861						
ITEM	TAG	QTY.	MANUF NBR	MANUFACTURER	DESCRIPTION	PART NBR. GALA
01	4A-C1	1	LC1D80G7	SCHNEIDER	CONTACTOR 80A 575V 3Ø, 120VAC COIL (1ND-1NC)	0210-001081
02	4A-C2_4A-C3	1	LC2D80G7	SCHNEIDER	REVERSING CONT. 80A 575V 3Ø, 120VAC COIL	0210-001101
03	3A-PLC1	1	FX5U-64 MR-ES/UL	MITSUBISHI	PLC 100-240VAC SUPPLY, 32 INPUTS / 32 RELAY OUTPUTS	0250-001103
04	-	-	-	-	-	-
05	4A-SR1	1	XPSUAF33AP	SCHNEIDER	SAFETY RELAY PREVENTA FOR MONITORING DISCONNECT CIRCUITS (48-240VAC)	0110-000637
06	5A-CR1 & CR2	2	700-HLT1Z24	AB	RELAY OUTPUT, SPDT (1 C/D), W/ SCREW TERMINALS, 24V DC	0110-000073
07	12A-CR7	1	CA3KN40BD	SCHNEIDER	RELAY CONTROL IEC 10AMP, 24VDC, 4N.O.	0110-000007
08	4A/5A-FU1	2	2006-1631/1099-0836	WAGO	2-CONDUCTOR FUSE TERMINAL & END PLATE FOR MINIATURE FUSES ¼" X 1¼" 12 - 230 V	0120-000018
09	5A-FU2 TO FU5	4	2006-1631/1099-0541	WAGO	2-CONDUCTOR FUSE TERMINAL & END PLATE FOR MINIATURE FUSES ¼" X 1¼" 12 - 30 V	0120-000017
10	6A-CR1, 7A-CR1	2	RPM23BD	SCHNEIDER	RELAY, 24VDC COIL, DPDT	0110-000400
11	6A-CR1, 7A-CR1	2	RPZF2	SCHNEIDER	BASE FOR DPDT RELAY	0110-000422
12	3A-FU1	1	USM1	FERRAZ	FUSE HOLDER 1 POLE	0310-002381
13	2A-FU2	1	USM2	FERRAZ	FUSE HOLDER 2 POLE	0310-002380
14	3A-FU1	1	ATQR-3.5	-	FUSE DUAL ELEMENT 3.5 AMP	0310-000171
15	5A-FU4	1	AGC-3	-	FUSE AGC SERIES, FAST ACTING, GLASS TUBE 3 AMP	0310-001845
16	4A/5A-FU1, FU2, FU3 & FU5	5	AGC-6	-	FUSE AGC SERIES, FAST ACTING, GLASS TUBE 6 AMP	0310-001855
17	3A-CB1	1	M9F 42110	SCHNEIDER	BREAKER C60BP UL489 10A 1P C CURV	0350-001243
18	6A-R1 7A-R1	2	PW10-180R	-	10 WATTS 180 OHMS RESISTANCE	0501-000256
19	GROUND	1	ADR11	T&B	GROUND LUG FOR 1-14 AWG	0340-000680
20	GROUND	1	-	GALA	GROUND BAR REWORK 6"	0120-000016
21	13A-CN-MCP	1	XBT ZGJBOX	SCHNEIDER	TERMINALS MODULE FOR HAND HELD XBT GH2460 TOUCH SCREEN	0250-005464
22	3A-PLT1	1	ZB4 BV03	SCHNEIDER	PILOT LIGHT HEAD GREEN, 22.5mm	0070-000049
23	3A-PLT1	1	-	-	WHITE LED REPLACEMENT BULB 130V BA9S	0150-000416
24	3A-PLT1	1	ZB4 BV6	SCHNEIDER	BASE LIGHT MODULE, 120V	0070-000036
25	5A-KS1	1	ZB4 BG4	SCHNEIDER	KEY SWITCH HEAD 2 POSITIONS MAINTAINED, REMOVABLE 2 POS	0070-000114
26	5A-KS1	1	ZB4BZ101	SCHNEIDER	BASE + (1 X NO CONTACT)	0070-000037
27	5A-KS1	1	ZBE102	SCHNEIDER	NC CONTACT	0070-002035
28	8A-PBL1	1	-	-	YELLOW PLASTIC NAME DISK "E-STOP" (OD 60mm-ID 22mm)	0993-002133
29	8A-PBL1	1	-	SIEMENS	KIT ASSY E-STOP (E-STOP 40 mm, 1NC, 1NO, LIGHT BASE, 24VAC/DC LED)	0070-001684
30	10B-PB1	1	ZB6 Z1B	SCHNEIDER	BODIE FOR PUSHBUTTON ROUND FLUSH SPRING RETURN 1NO (16mm)	0060-000077
31	10B-PB1	1	ZB6 E1B	SCHNEIDER	SEPARATE CONTACT BLOCK 1NO (16mm)	0060-000078
32	10B-PB1	1	ZB6 E2B	SCHNEIDER	SEPARATE CONTACT BLOCK 1NC (16mm)	0060-000079
33	10B-PB1	1	ZB6 AA3	SCHNEIDER	HEAD FOR PUSHBUTTON ROUND FLUSH SPRING RETURN GREEN (16mm)	0060-000076
34	12A-PLT1 & PLT2	2	XVLA3333	SCHNEIDER	PILOT LIGHT 12*MM, 24V GREEN LED	0350-001208
35	13A-D1	1	-	-	DIODE 1N4007	0521-000200
36	-	-	-	-	-	-
37	-	1	L146-470-14	GALA	LAMICOID DANGER TWO SOURCE	L146-470-14
38	-	-	-	-	-	-
39	3A-CR1	1	RGZE1S48M	SCHNEIDER	SOCKET FOR ZELIO RELAY 5A, 240VAC	0110-000407
40	3A-CR1	1	RXG23P7	SCHNEIDER	ZELIO RELAY PLUG IN 5A, 2CO, 230VAC	0110-000406
41	5A-SW1	1	IES-150B	ORING	ETHERNET SWITCH 5 PORTS 12-48VDC	0350-001259
42	-	-	-	-	-	-
43	DL1-DL2	2	LAD7B106	TELEME	OVERLOAD DIN RAIL PANEL ADAPTER (LRD01-35)	0110-000683
44	DL1-DL2	2	LRD16	TELEME	THERMAL OVERLOAD RELAY (9-13 AMP)	0110-000676
45	2A-DISC1	1	DS30AJ12P	ABB	SWITCH FUSES 30 AMP 575VAC (SWITCH+HANDLE+SHAFT)	0310-002232
46	-	-	-	-	-	-
47	-	-	-	-	-	-
48	2A-PHM1	1	ISVR 430 824 R 9300	ABB	3 PHASE SEQUENCE MONITOR DPDT RELAY OUTPUT 200_500VAC	0470-000037
49	9B-SR1 TO SR2	2	XPSUAF13P	SCHNEIDER	SAFETY RELAY PREVENTA FOR MONITORING EMERGENCY STOP CIRCUITS (24VDC)	0110-000739
50	12B-CR1,2,3	3	RPM23BD	SCHNEIDER	RELAY, 24VDC COIL, DPDT	0110-000400
51	12B-CR1,2,3	3	RPZF2	SCHNEIDER	BASE FOR DPDT RELAY	0110-000422
52	-	-	-	-	-	-
53	-	-	-	-	-	-
54	-	-	-	-	-	-
55	-	-	-	-	-	-
56	12A-C1, C2 & C5	3	LC1D098BD	SCHNEIDER	CONTACTOR 20A(AC-1), 4POLE(2ND 2NC), AUX CONTACT(1NO, 1NC), COIL 24VDC	0210-001092
57	4A-C4	1	LC1D09G7	SCHNEIDER	CONTACTOR 3POLES 3NO, 9A(AC-3), AUX 1NO+1NC, COIL 120VAC	0210-001106
58	3A-FU2	1	USM1	FERRAZ	FUSE HOLDER 1 POLE	0310-002381
59	-	-	-	-	-	-
60	2A-FU2	2	ATQR-5	-	FUSE DUAL-ELEMENT 5 AMP	0310-000166
61	-	-	-	-	-	-

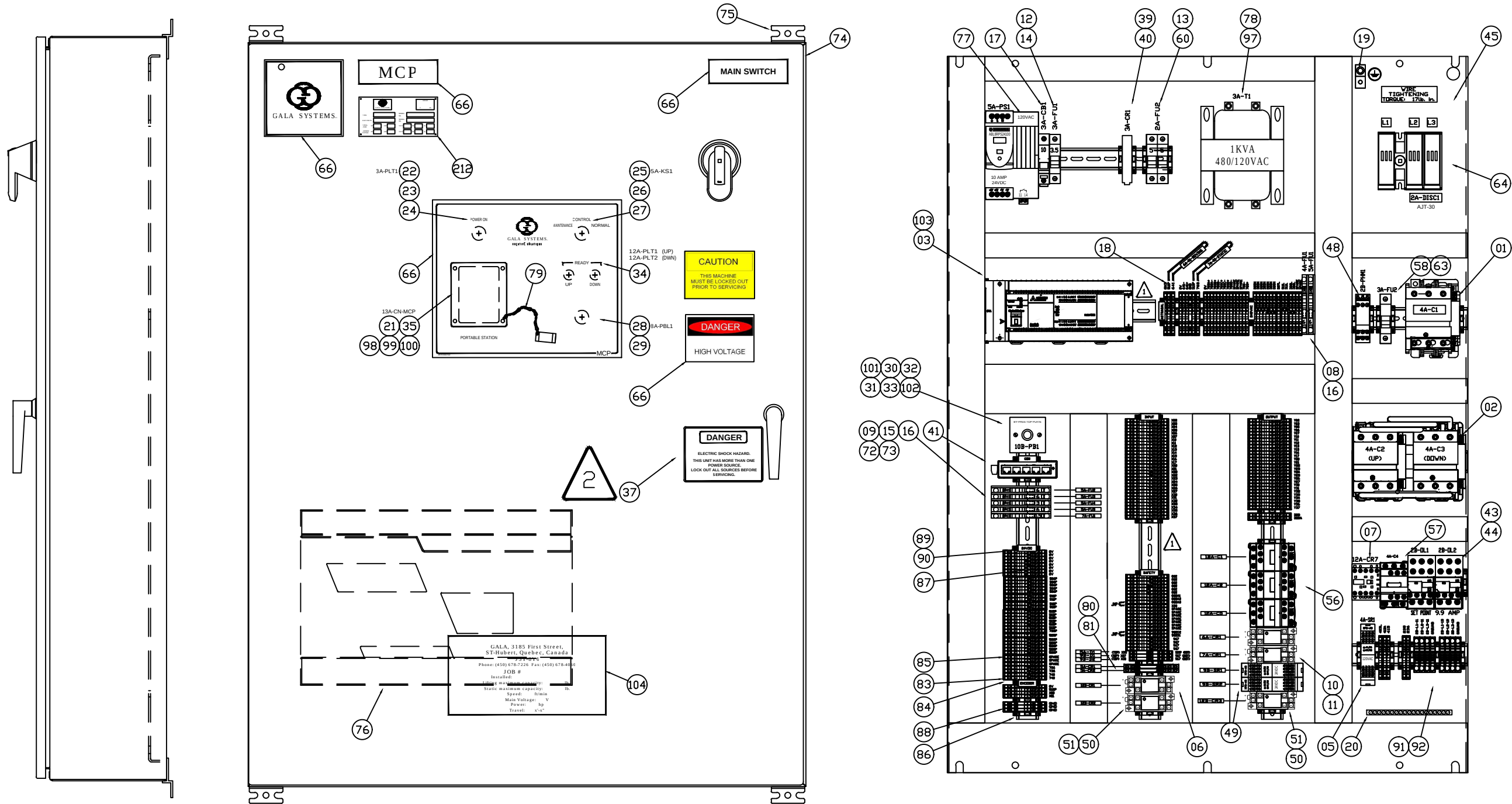
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62	-	-	-	-	-	-
63	3A-FU2	1	ATQR-35	-	DUAL FUSE ELEMENT 3.5A	0310-000171
64	2A-FU1	3	AJT-30	-	FUSE DUAL ELEMENT 30 AMP	0310-002631
65	-	-	-	-	-	-
66	-	1	-	GALA	STANDARD MCP ENGLISH STICKER PACKAGE	146-STK-869-01-EN
67	-	-	-	-	-	-
68	-	-	-	-	-	-
69	-	-	-	-	-	-
70	-	-	-	-	-	-
71	-	-	-	-	-	-
72	7A-FU1	1	GGC-0.5	-	FUSE GGC SERIES,FAST ACTING, GLASS TUBE 0.5AMP	0310-001826
73	7A-FU1	1	2006-1631/1099-0541	WAGO	2-CONDUCTOR FUSE TERMINAL & END PLATE FOR MINIATURE FUSES ¼" X 1¼" 12 - 30 V	0120-000017
74	MCP	1	WM483608NC	RITTAL	PANEL 48"X36"X8" c/w BACKPLANE (0400-000250)	BY SUBCONTRACTOR
75	MCP	1	2508.200	RITTAL	MOUNTING FEET (0400-000251)	BY SUBCONTRACTOR
76	MCP	1	2513.000	RITTAL	DOCUMENT HOLDER	BY SUBCONTRACTOR
77	5A-PS1	1	ABL8RPS24100	SCHNEIDER	POWER SUPPLY PHASED 24VDC 10AMP 240WATTS (0470-002930)	BY SUBCONTRACTOR
78	3A-T1	1	SP1000ACP	SPARTAN	TRANSFORMER 1KVA_480/240-120VAC (0430-000372)	BY SUBCONTRACTOR
79	13A-CN-MCP	41in	-	-	CHAIN FOR ITEM 54 (XBT ZGJBOX)	BY SUBCONTRACTOR
80	5A-11, 9B-11 & 9B-12	3	2002-2211/1000-411	WAGO	DOUBLE DECK DIODE TERMINAL BLOCK WITH DIODE (1 N 4007)	BY SUBCONTRACTOR
81	5A-11, 9B-11 & 9B-12	3	2002-2291	WAGO	END AND INTERMEDIATE PLATE 0,8 mm THICKNESS	BY SUBCONTRACTOR
82	-	2	209-113	WAGO	MARKER CARD FOR SELF-MARKING 100 MARKERS PER SHEET	BY SUBCONTRACTOR
83	-	180	2002-1401	WAGO	TERMINAL 5.2mm, 4-CONDUCTOR (22 TO 12 AWG)	BY SUBCONTRACTOR
84	-	16	2002-1492	WAGO	END AND INTERMEDIATE PLATE 0,8 mm THICKNESS (COL. ORANGE)	BY SUBCONTRACTOR
85	-	15	2002-1494	WAGO	SEPARATOR PLATE 2 mm / 0.079 IN THICK OVERSIZED (COL. ORANGE)	BY SUBCONTRACTOR
86	-	36	249-116	WAGO	SCREWLESS END STOP 6 MM / 0.236 IN WIDE	BY SUBCONTRACTOR
87	-	-	2002-4....	WAGO	PUSH-IN TYPE JUMPERS BAR ...POLE NOMINAL CURRENT 25 A INSULATED	BY SUBCONTRACTOR
88	-	5	2002-1407	WAGO	GROUND TERMINAL 5.2mm, 4-CONDUCTOR (22 TO 12 AWG)	BY SUBCONTRACTOR
89	-	8	209-114	WAGO	PROTECTION COVER	BY SUBCONTRACTOR
90	-	8	249-119	WAGO	ADJUSTABLE GROUP MARKER FOR END STOP (GREY)	BY SUBCONTRACTOR
91	-	6	2006-1201	WAGO	POWER TERMINAL 7.5mm, 2-CONDUCTOR (20 TO 8 AWG)	BY SUBCONTRACTOR
92	-	8	2006-1292	WAGO	POWER END AND INTERMEDIATE PLATE 1mm THICKNESS (COL. ORANGE)	BY SUBCONTRACTOR
93	-	-	-	-	WIRE DUCT 1.5"X1.5" (40 x 40mm)	BY SUBCONTRACTOR
94	-	-	-	-	WIRE DUCT 1.5"X4" (40 x 100mm)	BY SUBCONTRACTOR
95	-	-	-	-	WIRE DUCT 2"X4" (60 X 100mm)	BY SUBCONTRACTOR
96	-	-	-	-	WIRE DUCT 3"X4" (80 x 100mm)	BY SUBCONTRACTOR
97	-	2	SPFG1	SPARTAN	FINGER SAFE PROTECTION FOR TRANSFD (0430-000374)	-
98	13A-CN-MCP	1	80K5432	SPC	45 DEGREES METAL D-SUB CON. COVERS WITH THUMBSCREWS	BY SUBCONTRACTOR
99	13A-CN-MCP	6ft	35F2206	NCS	6 TWISTED PAIRS 22 AWG, GREY PVC, OVERALL SHIELD	BY SUBCONTRACTOR
100	13A-CN-MCP	1	79K5029	SPC	D-SUB CON. WITH SOLDER POT CONTACT, RECEPTACLE 9 PINS	BY SUBCONTRACTOR
101	10B-PB1	1	-	-	BLACK LAMICODE 2-1/4" X 2-1/4" TXT WHITE .25"	BY SUBCONTRACTOR
102	10B-PB1	2	100.299	ITC	STANDOFF STEEL ZINC M6X100mm HEIGHT WRENCH FLAT 10mm	BY SUBCONTRACTOR
103	-	2	-	-	ETHERNET CAT 6 PATCH CABLE (PLC, SOCKET)	BY SUBCONTRACTOR
104	-	1	L01-13-B	GALA	LOADING NOTICE & PRODUCT IDENTIFICATION	REFERENCE

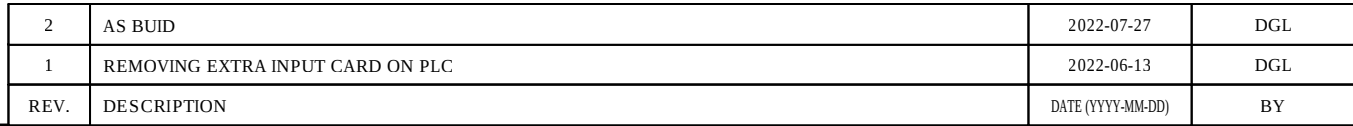
SPARE PARTS LIST 101-12249-861						
ITEM	TAG	QTY.	MANUF NBR	MANUFACTURER	DESCRIPTION	PART NBR. GALA
200	-	2	V00	SCHNEIDER	KEY FOR MAGELIS HAND HELD 5.7" TOUCH SCREEN	0250-000183
201	3A-PLT1	1	-	-	WHITE LED REPLACEMENT BULB 130V BA9S	0150-000416
202	-	1	AGC-3	-	FUSE AGC SERIES, FAST ACTING, GLASS TUBE 3 AMP	0310-001845
203	-	3	AGC-6	-	FUSE AGC SERIES, FAST ACTING, GLASS TUBE 6 AMP	0310-001855
204	-	-	-	-	-	-
205	-	2	ATQR-3.5	-	FUSE DUAL-ELEMENT 3.5AMP	0310-000171
206	-	2	ATQR-5	-	FUSE DUAL-ELEMENT 5 AMP	0310-000166
207	2A-FU2	2	ATQR-5	-	FUSE DUAL-ELEMENT 5 AMP	0310-000166
208	2A-FU1	3	AJT-30	-	FUSE DUAL ELEMENT 30 AMP	0310-002631
209	-	1	210-720	WAGO	OPERATING TOOL WITH PARTIAL ISOLATED SHAFT TYP 2, BLADE SIZE 3.5 X 0.5 MM	0470-000191
210	-	1	-	GALA	PORTES-CLÉS GALA SYSTEMS	0040-100080
211	-	1	-	GALA	WIRE CLIP AND NUTS AS REQUIRED PER 101-12249-870	REFERENCE
212	-	1	-	GALA/HEMI	UL IDENTIFICATION PLATE (LAZERABLE-344229SR)	0472-200086
213	-	2	-	GALA/HEMI	GALA LIFT OPERATION WARNING PLATE	M51-27-A

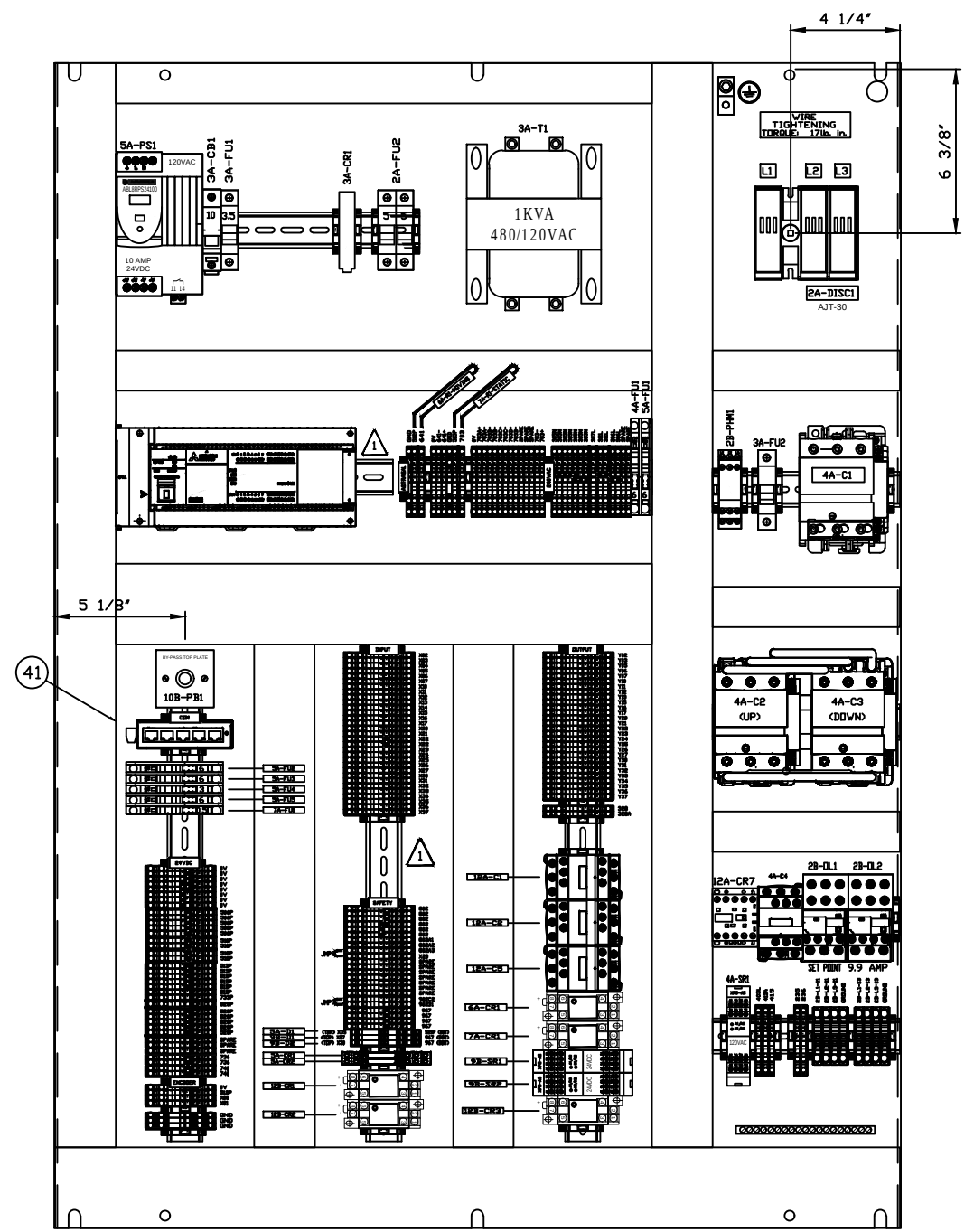
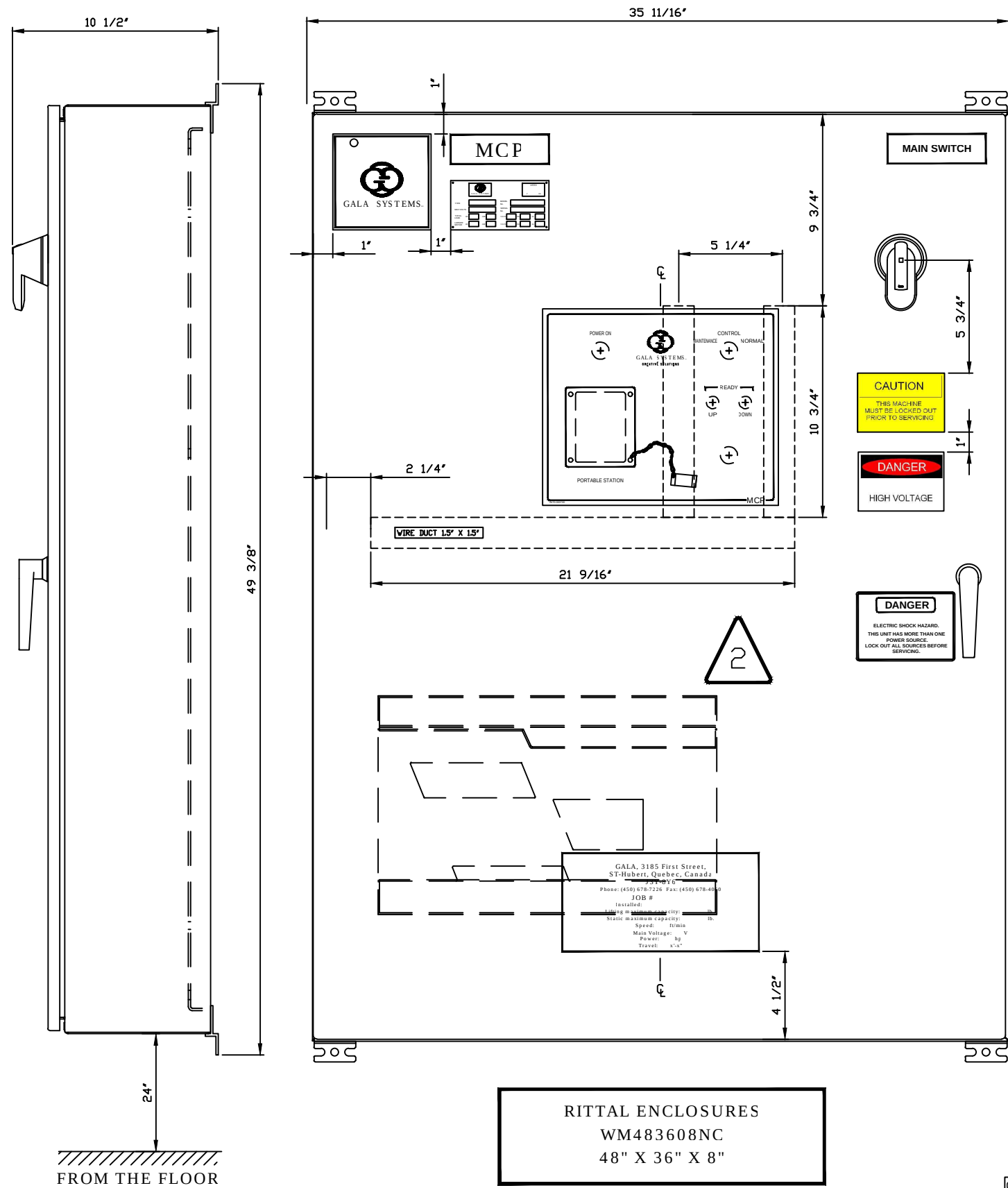
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						REV.		DESCRIPTION		DATE (YYYY-MM-DD)		BY			
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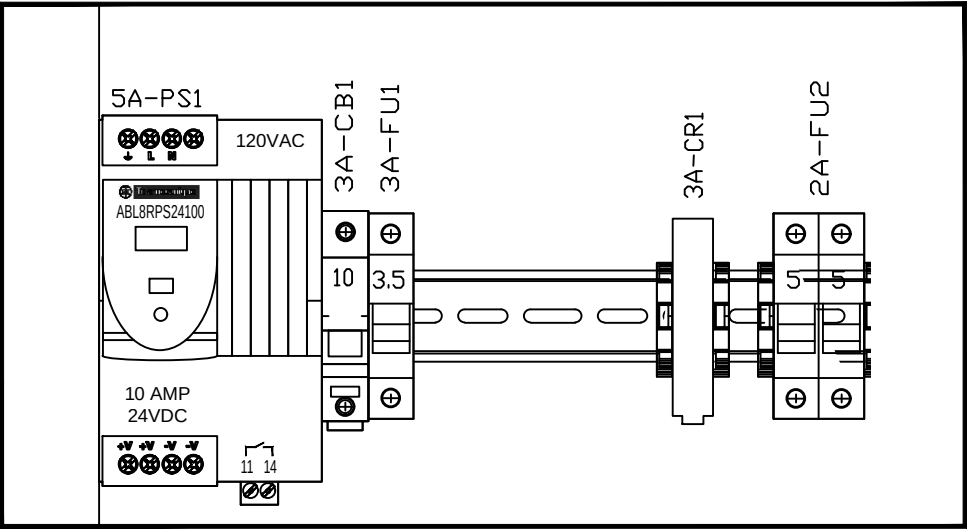
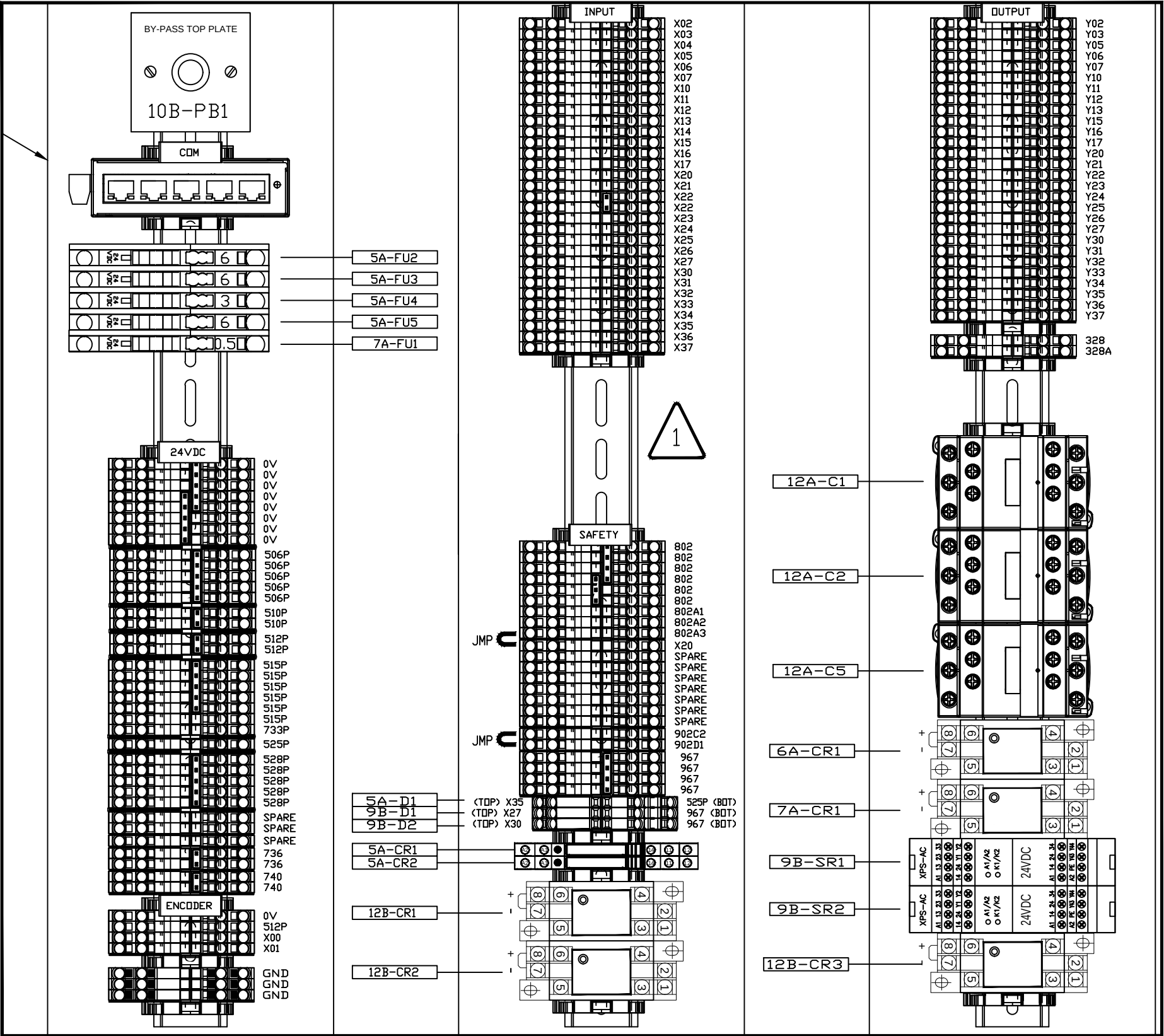
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			DATE (YYYY-MM-DD)	SCALE	SIZE	REVISION
			2022-04-20	N/A	B	2
			CHK.	APP.	DRAWING NO.	PAGE
					101-12249-861	03 / 06



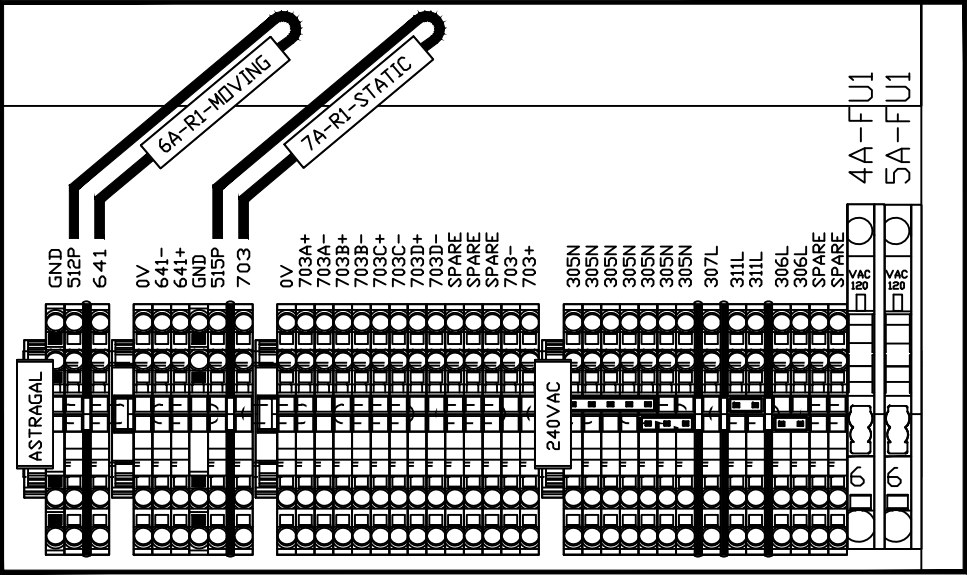


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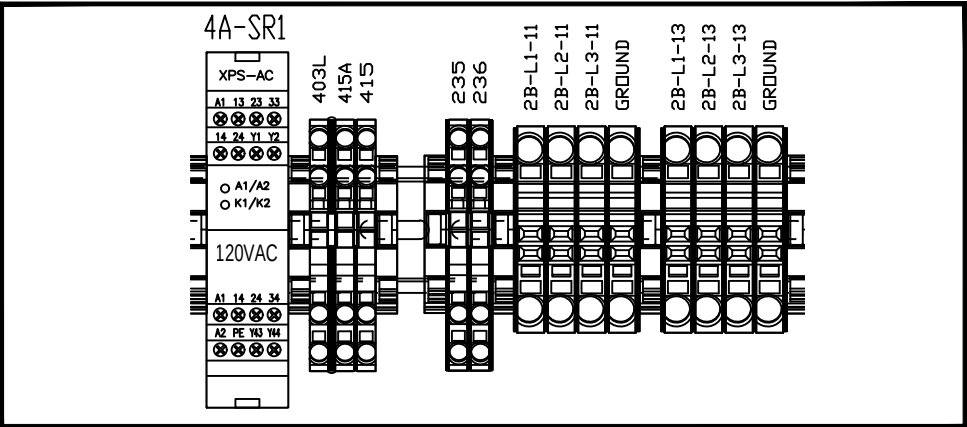
CHK.		APP.	PREPARED BY:		PROJECT CHESTERTON,IN CHESTERTON HIGHSCHOOL							
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					PREPARED BY S.T.FERRAND P.ENG.		CHK.	APP.	DRAWING NO. 101-12249-861			PAGE 05 / 06



120VAC FUSE BLOCK



ASTRAGAL & 120VAC TERMINALS



DISCONNECT, BRAKE & OVERLOAD TERMINALS

GENERAL TERMINALS
NOTE: LABELS IDENTIFIED SPARE MUST BE LEFT BLANK FOR FUTURE MANUAL MARKING

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CHK.	APP.	PREPARED BY:	PROJECT
			CHESTERTON,IN CHESTERTON HIGH SCHOOL
			TITLE
			TERMINAL STRIP
			DATE (YYYY-MM-DD)
			2022-04-20
			SCALE
			N/A
			SIZE
			B
			REVISION
			2
			PAGE
			06 / 06
			DRAWING NO.
			101-12249-861
			CHK.
			APP.
			DRAWING NO.
			101-12249-861
			PAGE
			06 / 06