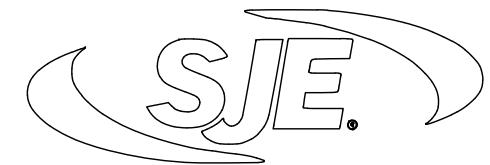




BERKSHIRE GREY  
140 SOUTH RD  
BEDFORD, MA 01730

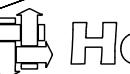


Company / customer	BERKSHIRE GREY
Project description	BG125280
Created on	03/07/2025
Edit date	05/27/2025
REV.	B

REVISIONS			DRAWN BY RHC	DATE 03/07/2025	CONFIDENTIALITY NOTE:  The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	   <b>BERKSHIRE GREY</b>  	TITLE BG125280 CONTROL PANEL	DWG NO. D-BG-125280	REV REV-B
DATE	DESCRIPTION	APPR.	CHK BY	DATE					SCALE N/A
			APPR BY	DATE			CLIENT BERKSHIRE GREY	JOB NO. T102637	SIZE B

WIRE COLOR TABLE		
TYPE	FUNCTION	INSULATION COLOR
480VAC	PHASE 1	BROWN
480VAC	PHASE 2	ORANGE
480VAC	PHASE 3	YELLOW
ISOLATED DC GROUND	GROUND	GREEN W/ YELLOW STRIPE
AC GROUND	GROUND	GREEN
DC POWER	DC SOURCE	BLUE
DC POWER	COMMON	WHITE W/ BLUE STRIPE
CONTROL	DRY-CONTACT	ORANGE
240VAC	PHASE 1	BLACK
240VAC	PHASE 2	BLACK
120VAC	SOURCE	RED
NEUTRAL	NEUTRAL	WHITE

FACTORY RECOMMEND PREVENTATIVE MAINTENANCE BEFORE APPLYING POWER TO THIS CONTROL PANEL CHECK AND RE-TORQUE ALL POWER DISTRIBUTION AND CONTROL TERMINAL CONNECTORS											
REPEAT ABOVE PROCEDURE 60-90 DAYS AFTER SYSTEM STARTUP											
NFT SERIES FIELD WIRING TO TERMINAL MUST BE TORQUED TO THE FOLLOWING VALUES											
<table border="1"> <thead> <tr> <th>WIRE SIZE</th> <th>TORQUE</th> </tr> </thead> <tbody> <tr> <td>UP TO #6 AWG</td> <td>20 LB/INCH</td> </tr> <tr> <td>UP TO #4 AWG</td> <td>35 LB/INCH</td> </tr> <tr> <td>UP TO #2/0</td> <td>50 LB/INCH</td> </tr> </tbody> </table>		WIRE SIZE	TORQUE	UP TO #6 AWG	20 LB/INCH	UP TO #4 AWG	35 LB/INCH	UP TO #2/0	50 LB/INCH		
WIRE SIZE	TORQUE										
UP TO #6 AWG	20 LB/INCH										
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NFT SERIES FIELD WIRING TO TERMINAL MUST BE TORQUED TO THE FOLLOWING VALUES											
<table border="1"> <thead> <tr> <th>WIRE SIZE</th> <th>TORQUE</th> </tr> </thead> <tbody> <tr> <td>#14 - 10 AWG</td> <td>35 LB/INCH</td> </tr> <tr> <td>#8 AWG</td> <td>40 LB/INCH</td> </tr> <tr> <td>#6 - 4 AWG</td> <td>45 LB/INCH</td> </tr> <tr> <td>#3 - 2 AWG</td> <td>50 LB/INCH</td> </tr> </tbody> </table>		WIRE SIZE	TORQUE	#14 - 10 AWG	35 LB/INCH	#8 AWG	40 LB/INCH	#6 - 4 AWG	45 LB/INCH	#3 - 2 AWG	50 LB/INCH
WIRE SIZE	TORQUE										
#14 - 10 AWG	35 LB/INCH										
#8 AWG	40 LB/INCH										
#6 - 4 AWG	45 LB/INCH										
#3 - 2 AWG	50 LB/INCH										

REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:	 <b>BERKSHIRE</b> <b>GREY</b>   <b>Horlick</b>	TITLE	DWG NO.	REV	REV-B
DATE	DESCRIPTION	APPR.	RHC	03/07/2025	The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.				SCALE	N/A
			CHK BY	DATE					SIZE	B
			APPR BY	DATE		SHEET ii OF 14				
						CLIENT	BERKSHIRE GREY	JOB NO.	T102637	
									D-BG-125280	

SHEET	SH #
COVER PAGE	i
WIRE COLORING	ii
INDEX	iii
SYMBOLS & LEGEND	iv
460VAC POWER	1
460VAC POWER NOT E-STOP	2
460VAC POWER E-STOP SWITCHED	3
PLC INPUTS/OUTPUTS	4
PLC INPUTS/OUTPUTS	5
24VDC POWER	6
24/48/72VDC POWER	7
NETWORK TELEMETRY	8
ENCLOSURE LAYOUT	9
ENCLOSURE CONSTRUCTION	10
SUBPANEL LAYOUTS	11
TERMINAL BLOCK LAYOUTS	12
TERMINAL BLOCK LAYOUTS	13
BILL OF MATERIAL	14
BILL OF MATERIAL	15

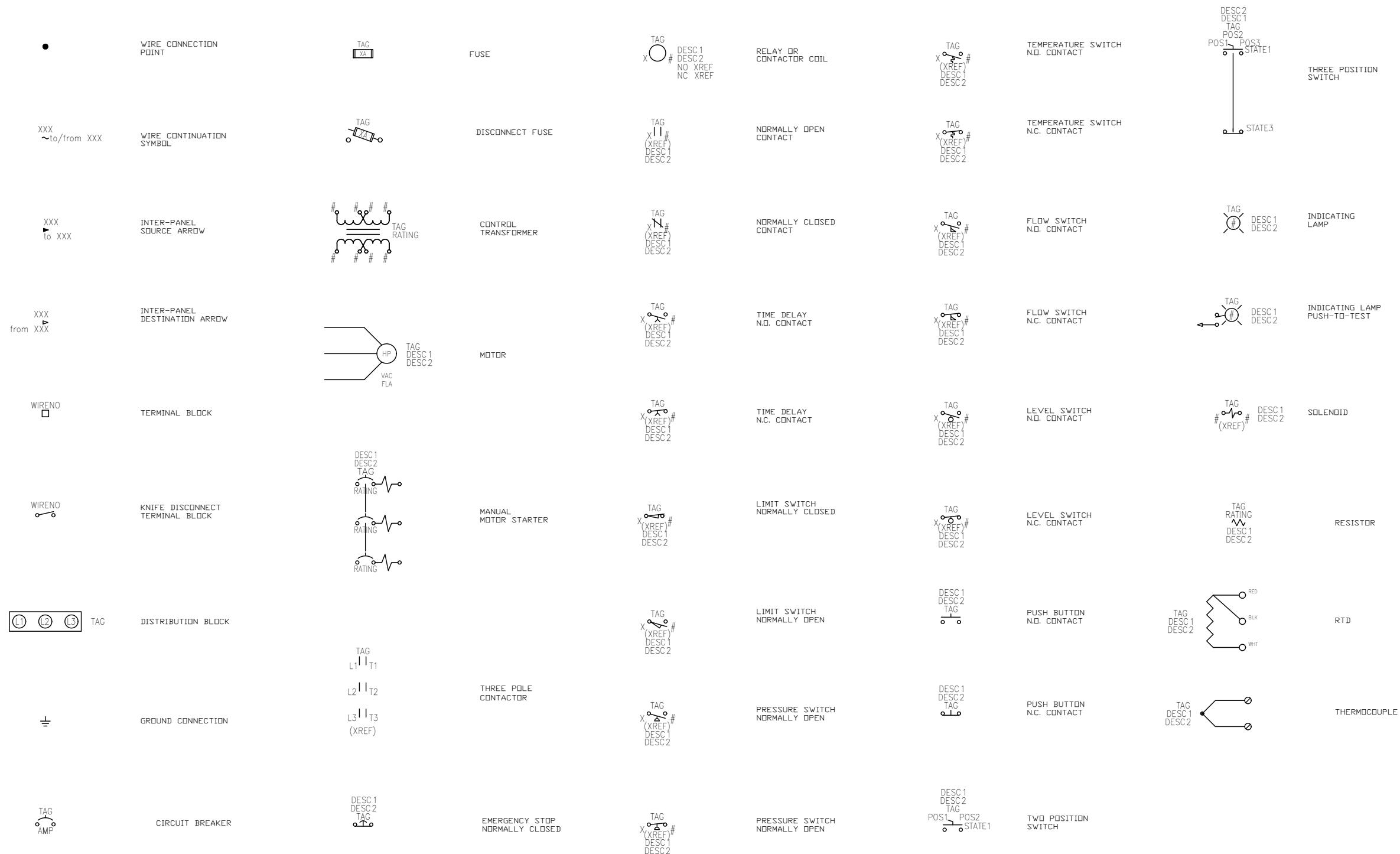
REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:	The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025	CHK BY	DATE	D-BG-125280	REV-B	
					APPR BY	DATE	CLIENT	JOB NO.	SCALE N/A
							BERKSHIRE GREY	T102637	SIZE B



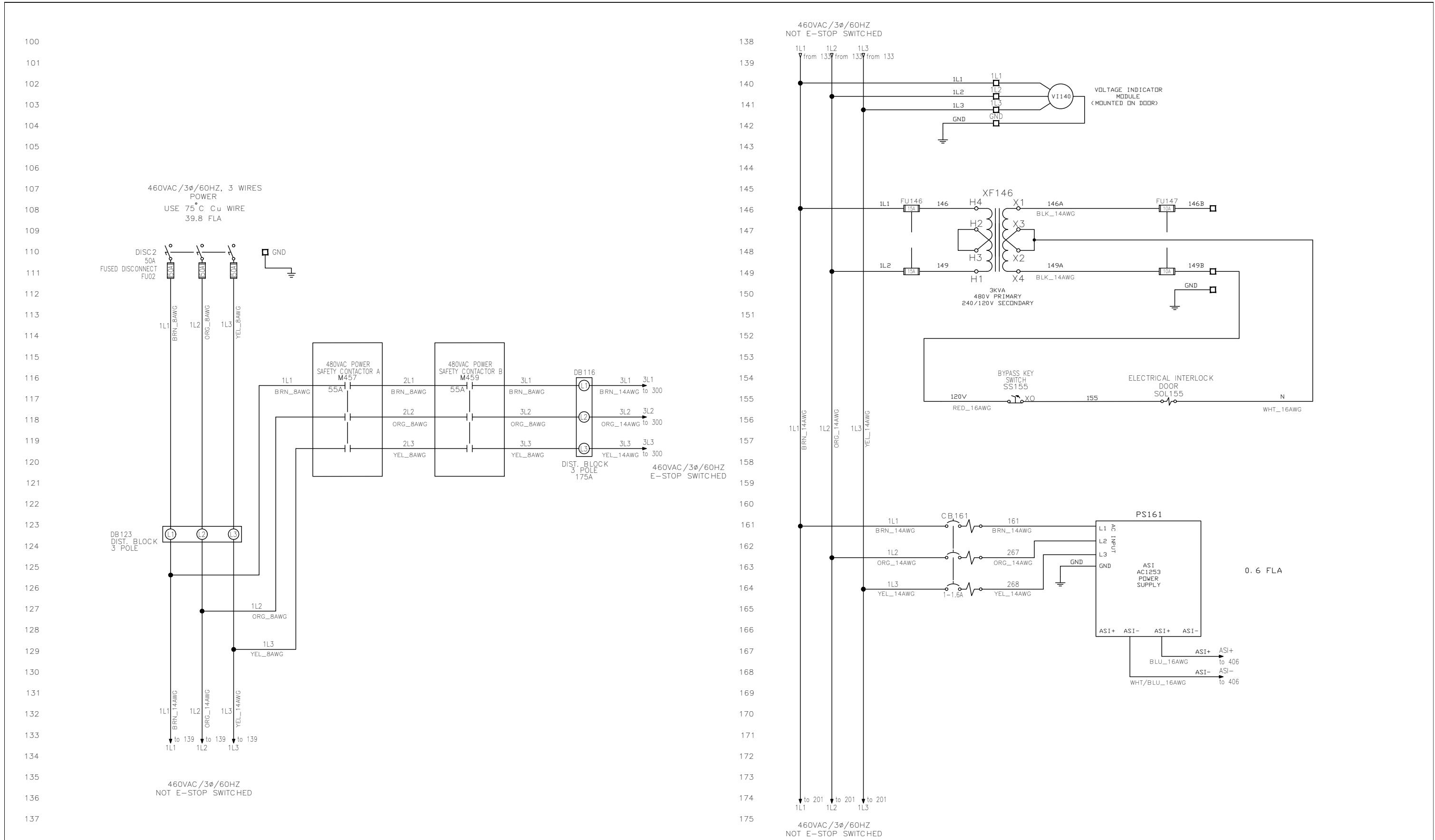
BG125280  
INDEX  
BERKSHIRE GREY

REV B  
SCALE N/A  
SIZE B  
SHEET iii OF 14

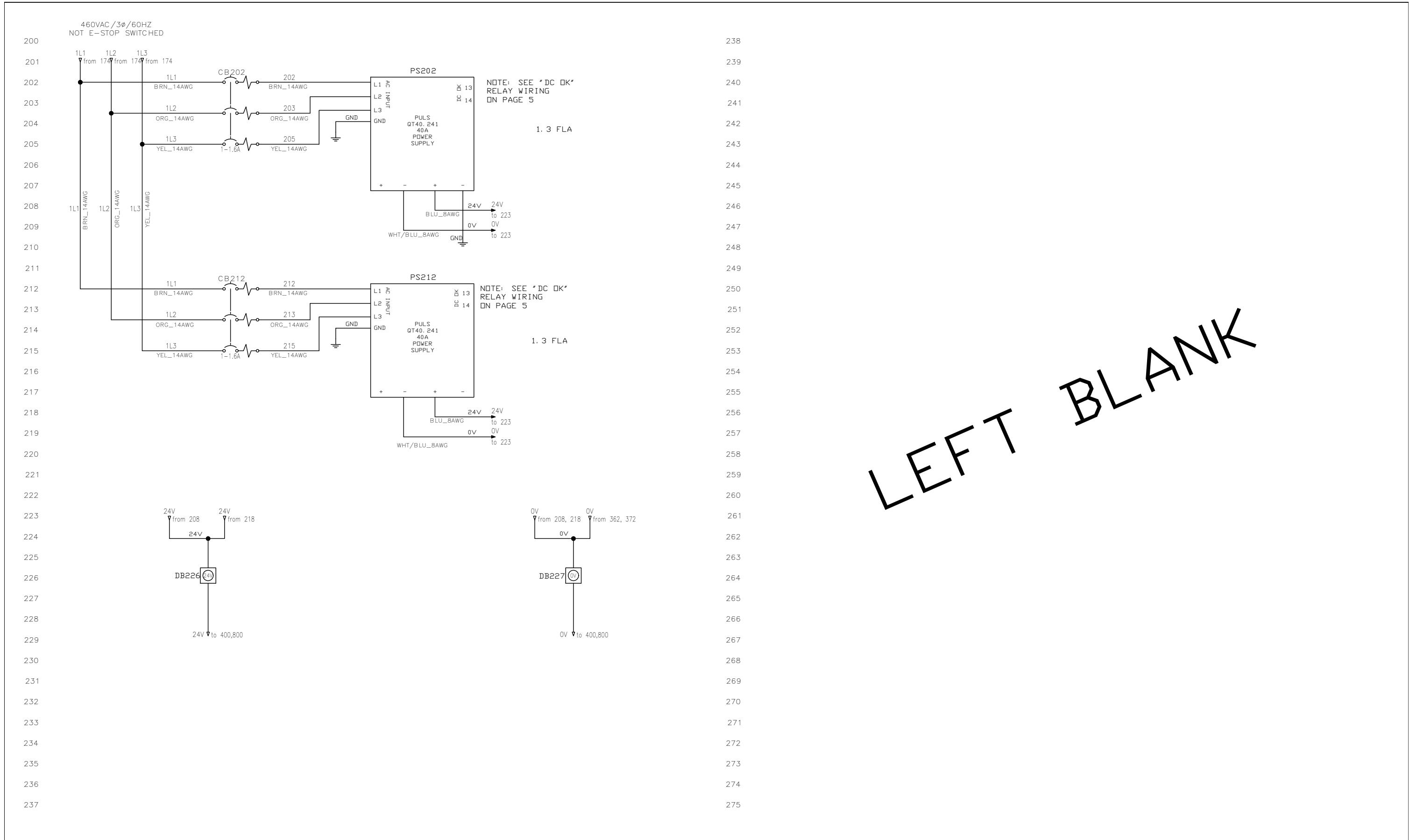
SYMBOLS & LEGEND



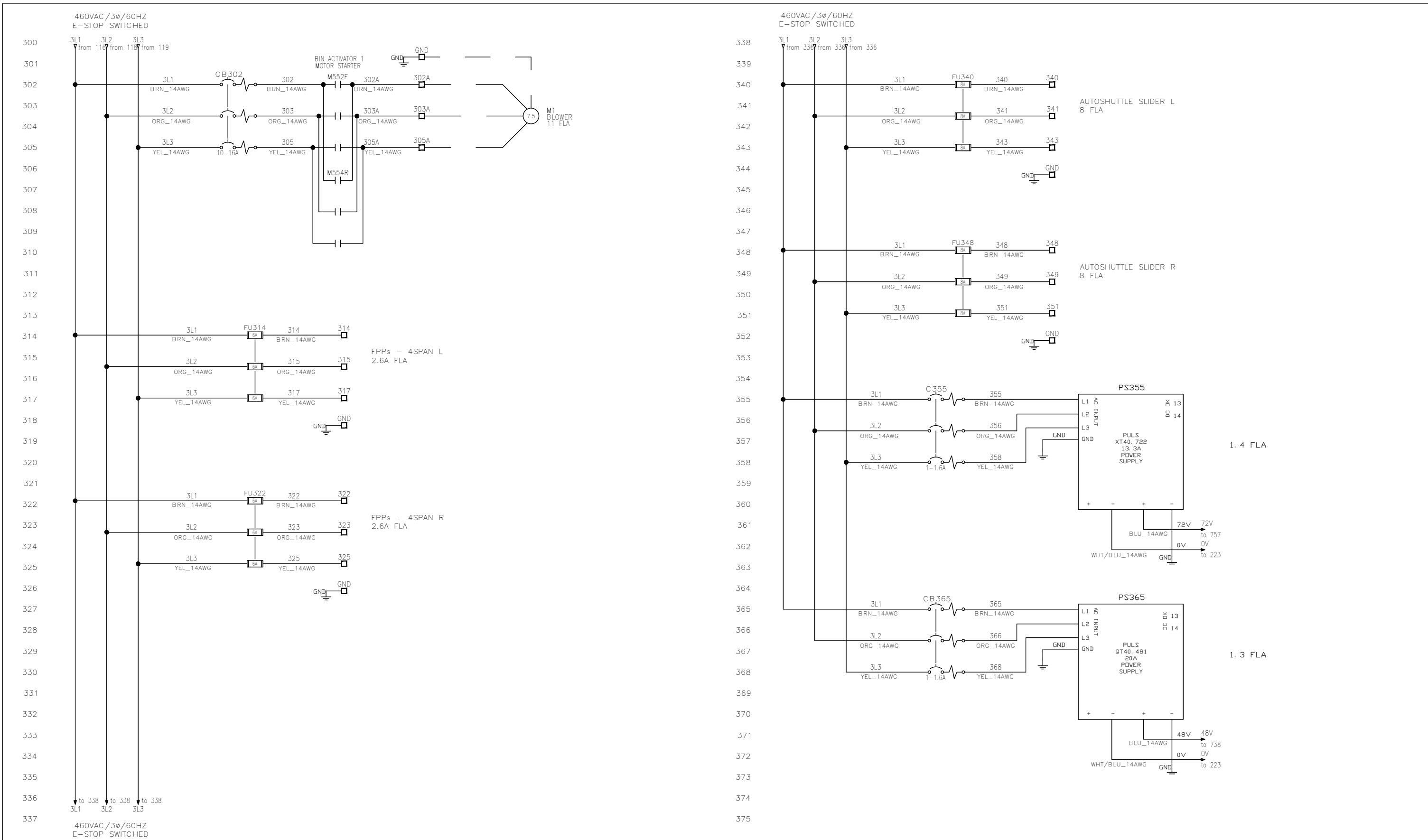
REVISIONS			DRAWN BY RHC	DATE 03/07/2025	CONFIDENTIALITY NOTE:  The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	 SJE Horlick™	TITLE BG125280 SYMBOLS & LEGEND  CLIENT BERKSHIRE GREY	DWG NO. D-BG-125280	REV REV-B
DATE	DESCRIPTION	APPR.	CHK BY B	DATE				JOB NO. T102637	SCALE N/A
			APPR BY	DATE					SIZE B
									SHEET iv OF 14



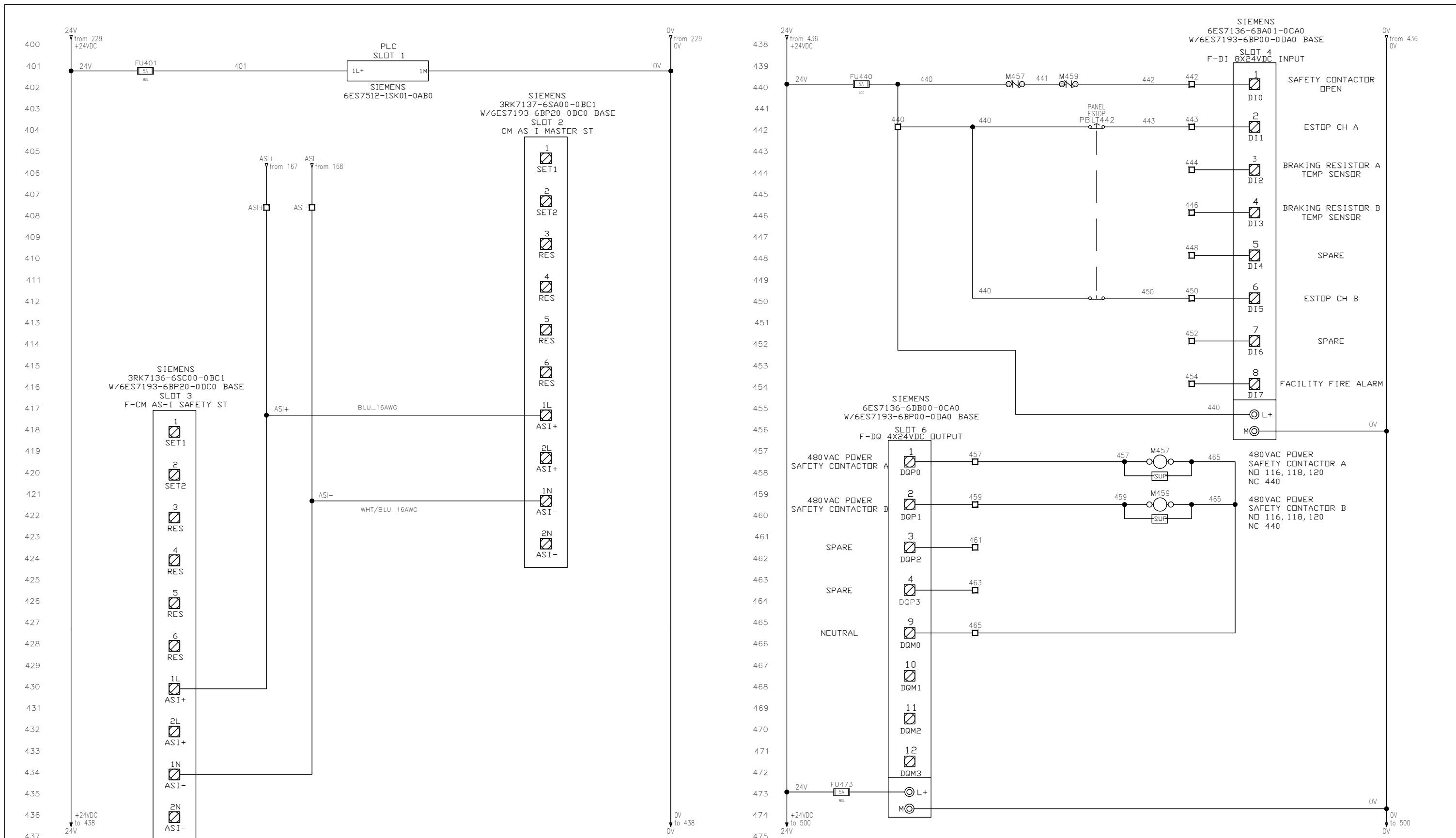
REVISIONS			DRAWN BY RHC	DATE 03/07/2025	CONFIDENTIALITY NOTE:  The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	   <b>BERKSHIRE GREY</b>   <b>Horlick™</b>	TITLE BG125280 460VAC POWER	DWG NO. D-BG-125280	REV REV-B
DATE	DESCRIPTION	APPR.	CHK BY	DATE					SCALE N/A
			APPR BY	DATE			CLIENT BERKSHIRE GREY	JOB NO. T102637	SIZE B



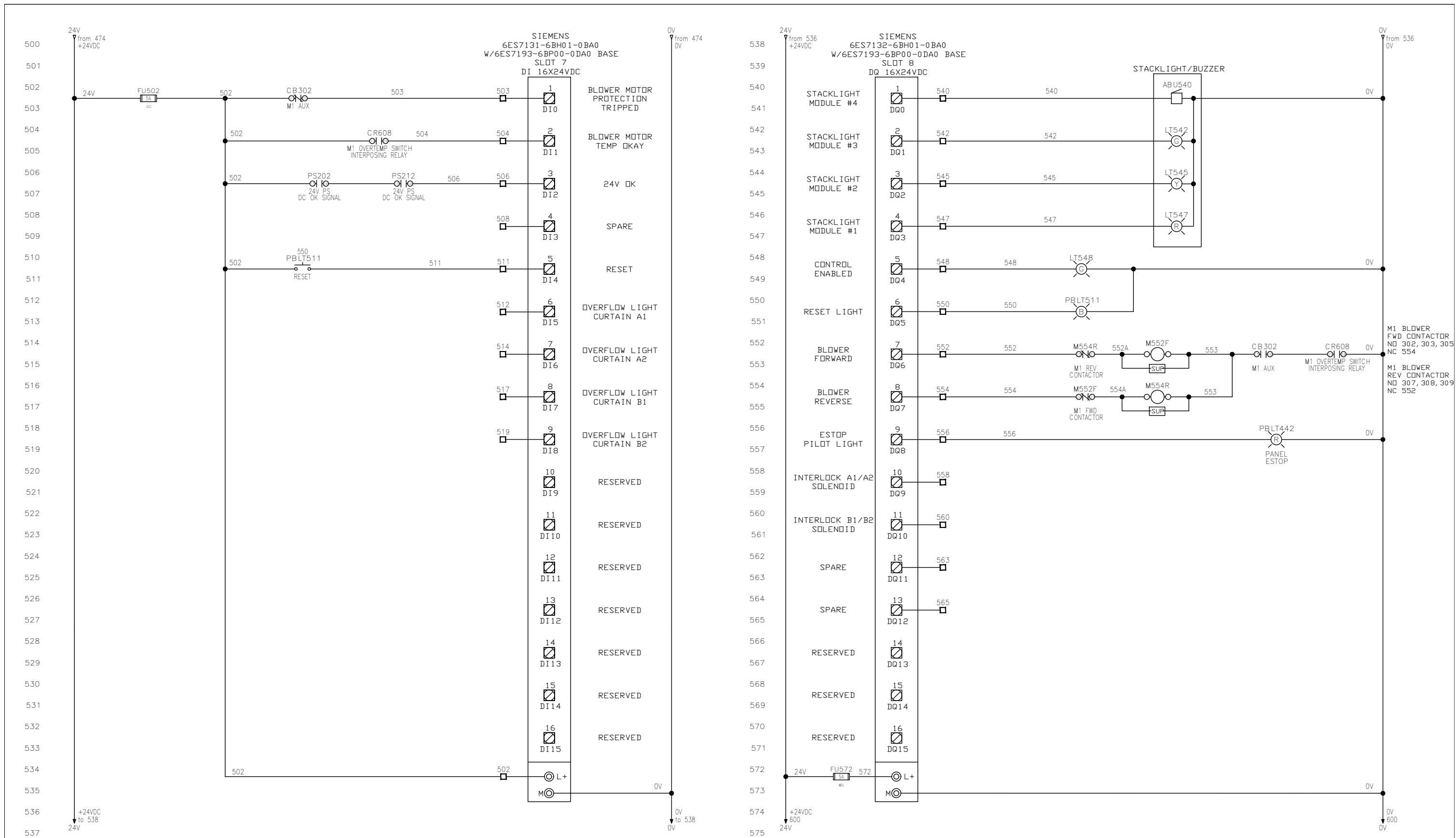
REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025	The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	BG125280	D-BG-125280	REV-B
CHK BY						BERKSHIRE GREY	SJE	SCALE N/A
APPR BY				DATE		Horlick		SIZE B
CLIENT			BERKSHIRE GREY			JOB NO.	T102637	SHEET 2 OF 14



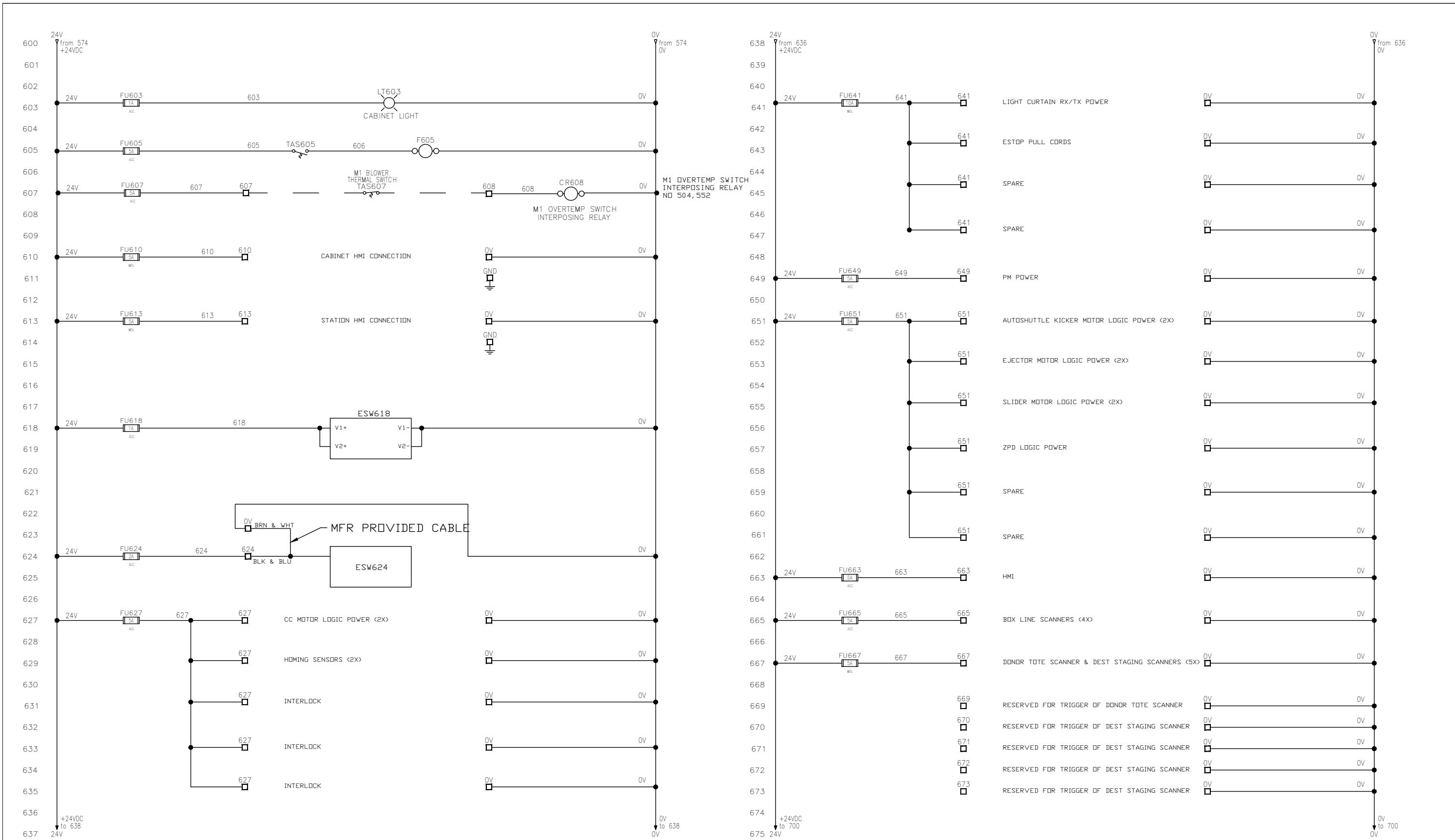
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DATE	DESCRIPTION	APPR.	RHC	03/07/2025			BG125280	D-BG-125280	REV-B
			CHK BY	DATE			460V E-STOP SWITCHED		SCALE N/A
			APPR BY	DATE			CLIENT	JOB NO.	SIZE B
							BERKSHIRE GREY	T102637	SHEET 3 OF 14

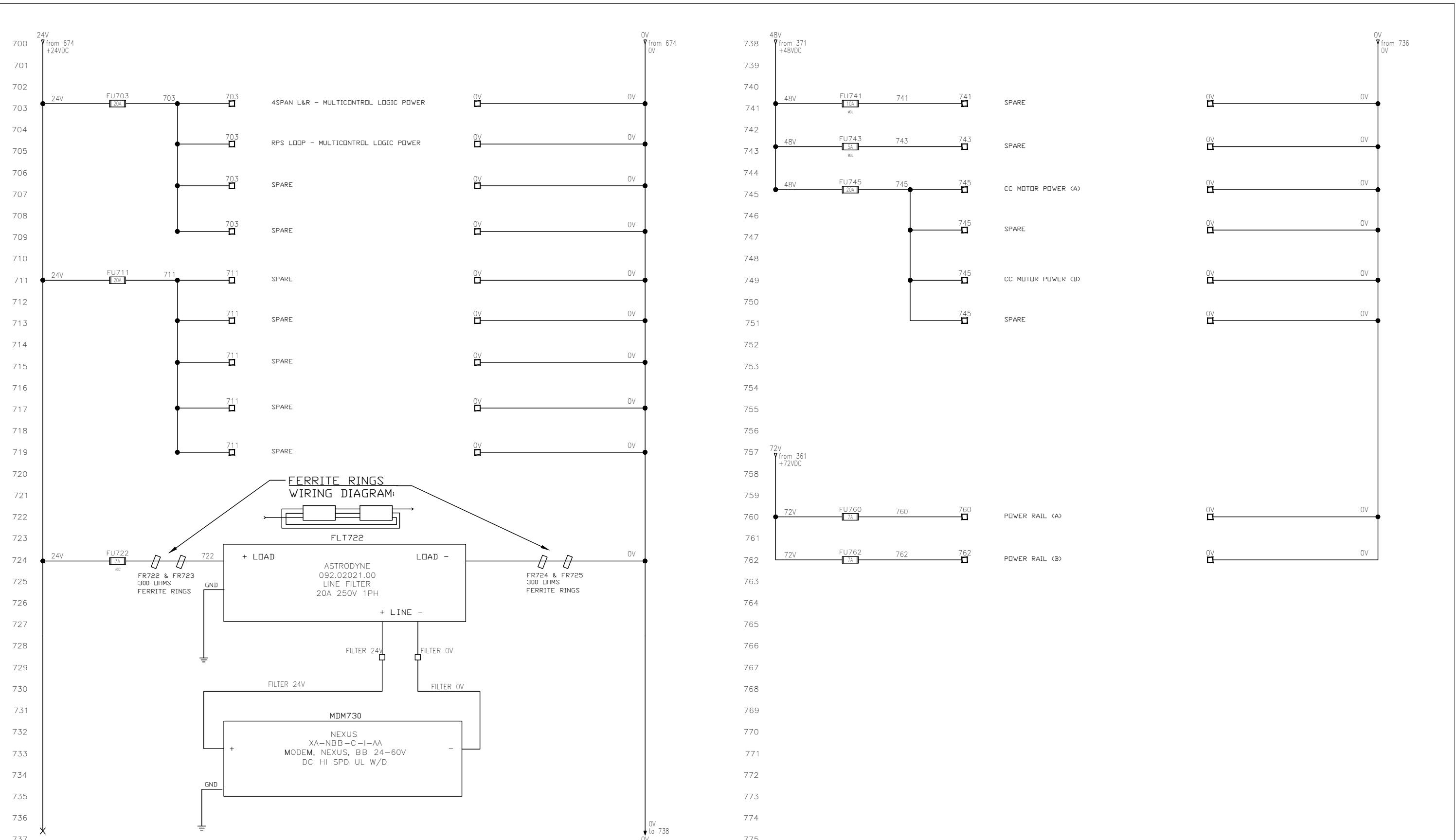


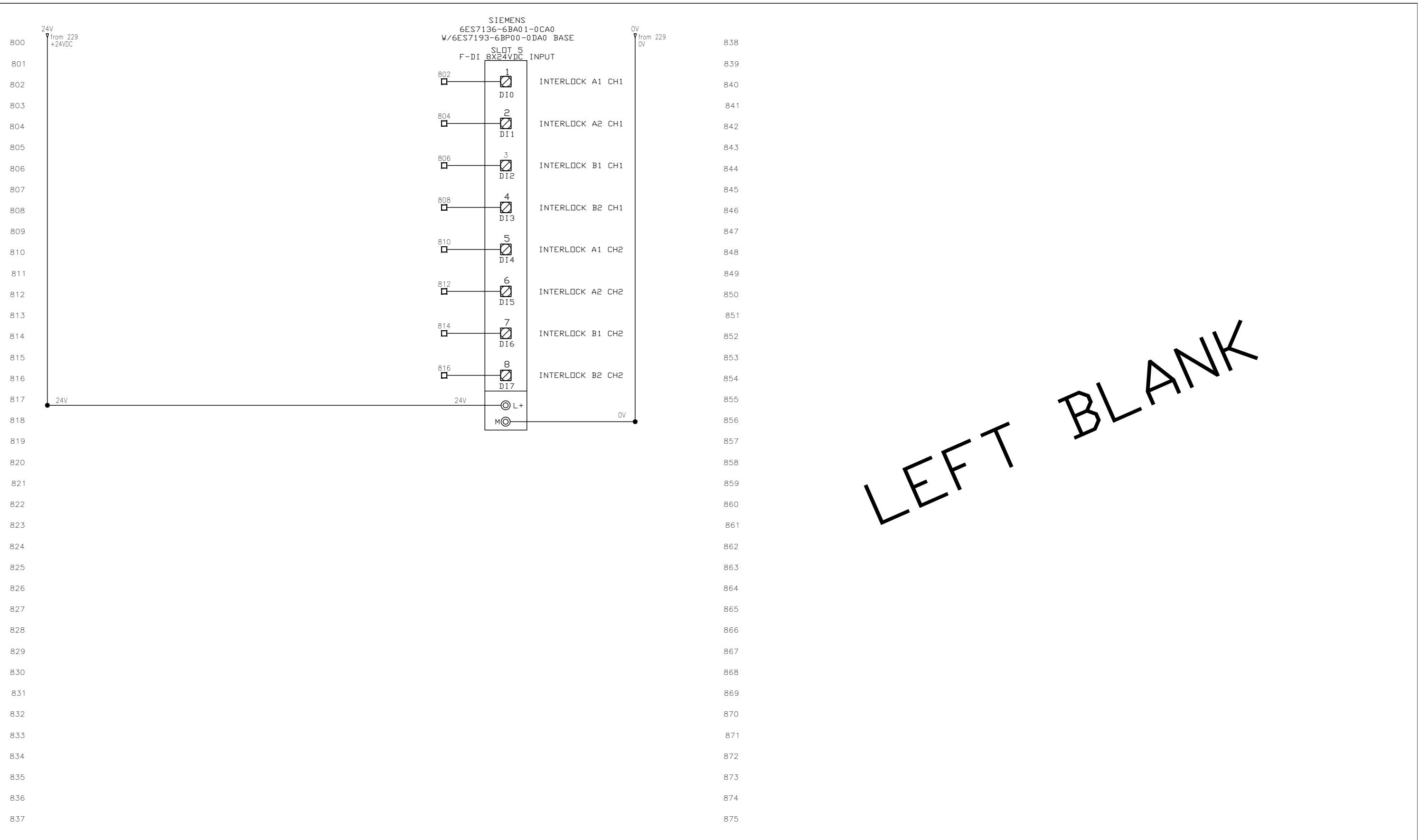
REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025	The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	BG125280 PLC INPUTS/OUTPUTS	D-BG-125280	REV-B
CHK BY				DATE				SCALE N/A
APPR BY				DATE				SIZE B
						CLIENT	BERKSHIRE GREY	SHEET 4 OF 14
							T102637	



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CHK BY				DATE				SCALE N/A
APPR BY				DATE				SIZE B
						CLIENT	BERKSHIRE GREY	SHEET 5 OF 14
							T102637	

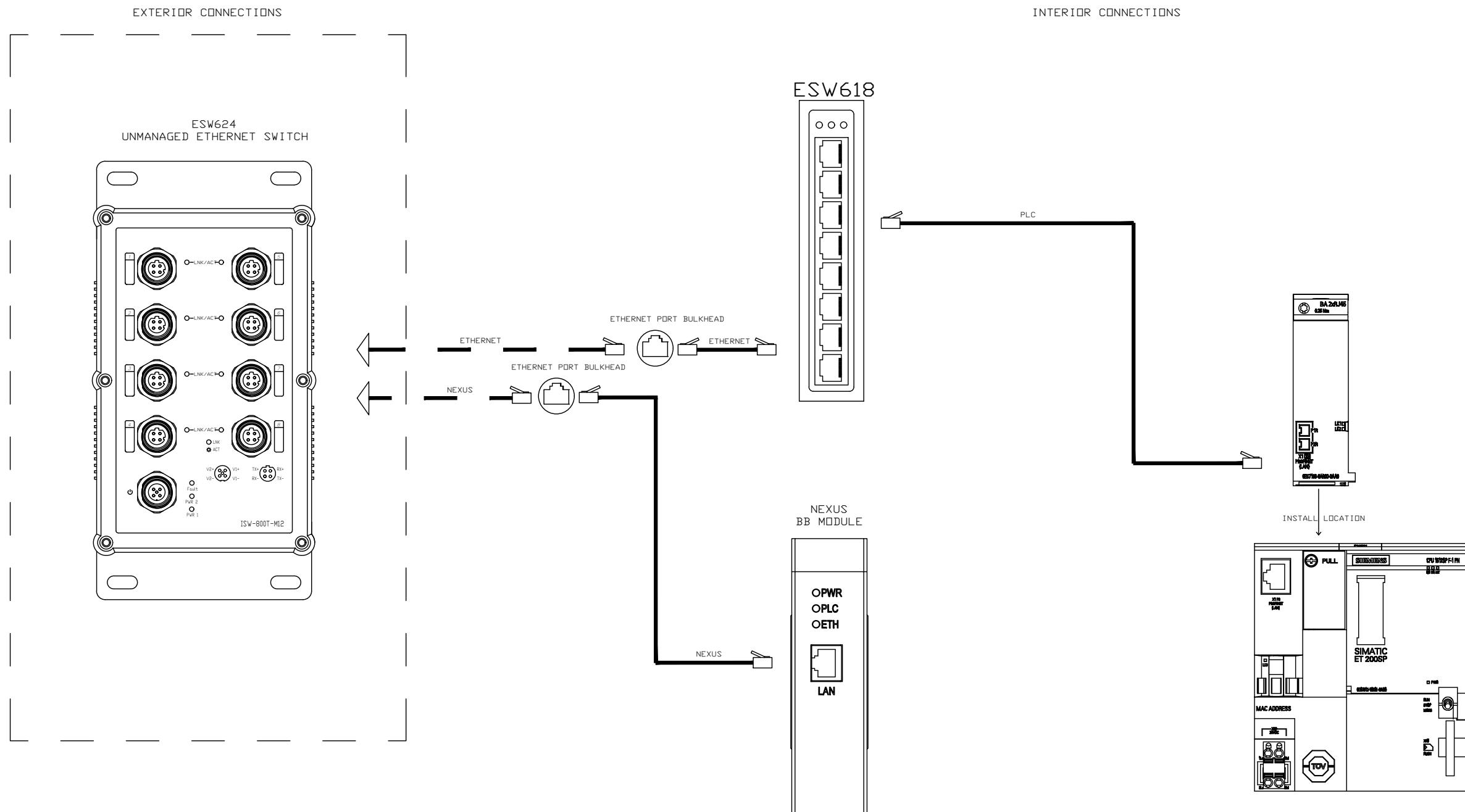






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CHK BY						PLC INPUTS/OUTPUTS		SCALE N/A
APPR BY				DATE		CLIENT	JOB NO.	SIZE B
						BERKSHIRE GREY	T102637	SHEET 8 OF 14

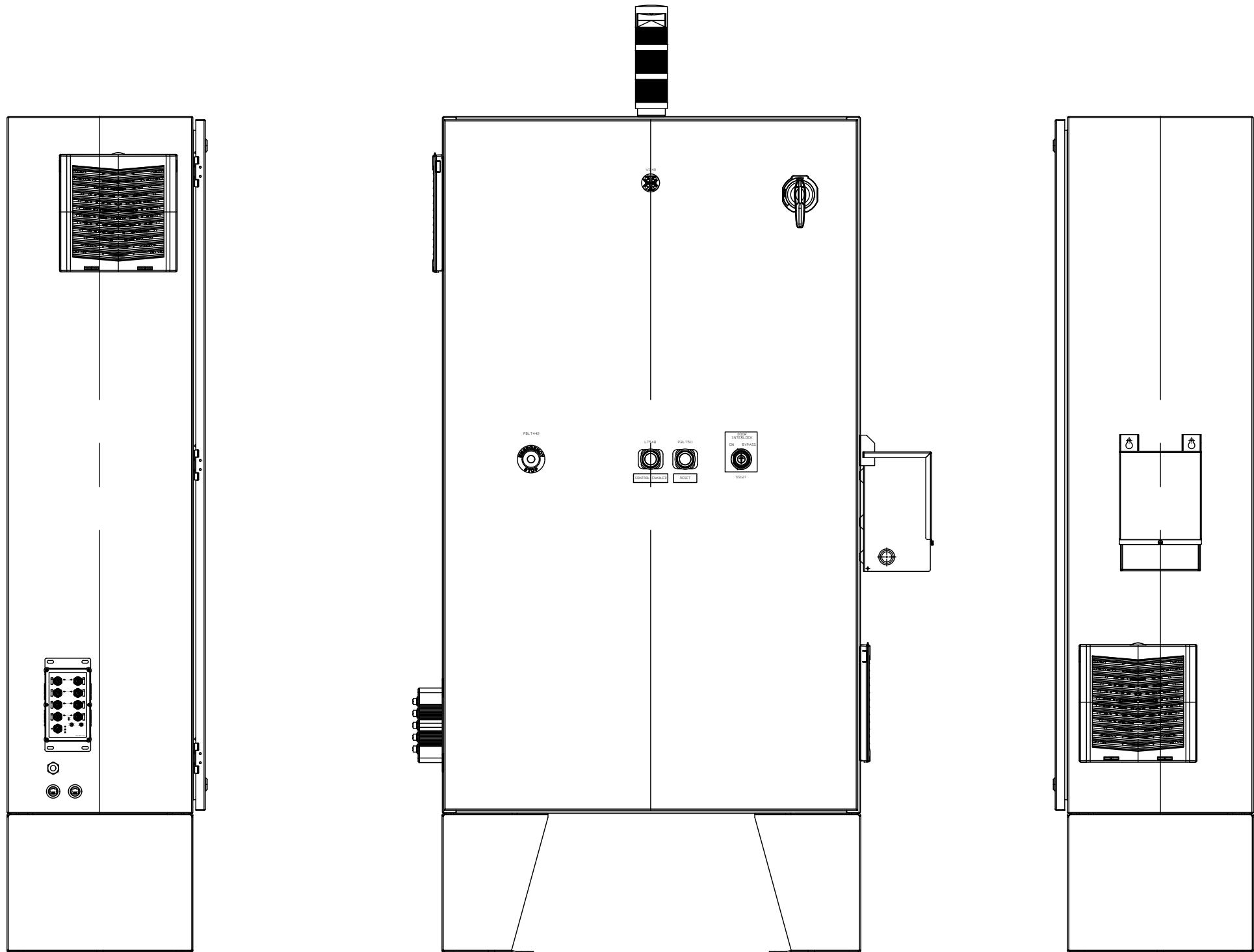




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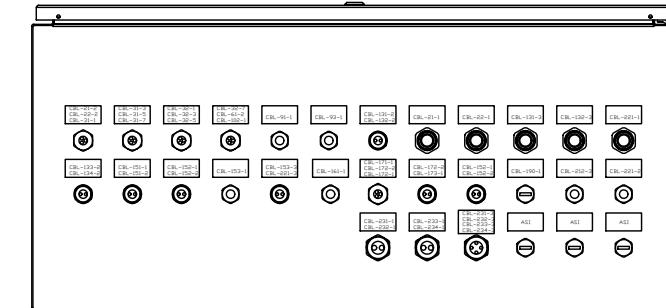
1. ALL CABLES SHOWN TO BE ETHERNET CAT-5E SHIELDED OR BETTER, TAGGED AT BOTH ENDS WITH END DEVICE TAG AS INDICATED.
2. SPECIFIC PORT NUMBERS SHOWN FOR ALL DEVICES TO BE USED AS INDICATED. DO NOT USE ALTERNATE PORT NUMBERS.
3. CUSTOMER RUN ETHERNET CABLE ——————
4. INTERNAL ETHERNET CABLE (BY PANEL BUILDER)—————

REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:	TITLE	DWG NO.	REV
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CHK BY				DATE		<b>BERKSHIRE GREY</b> <b>SJE</b> <b>Horlick</b>	CLIENT	SCALE N/A
APPR BY				DATE				SIZE B
						BERKSHIRE GREY	T102637	SHEET 9 OF 14



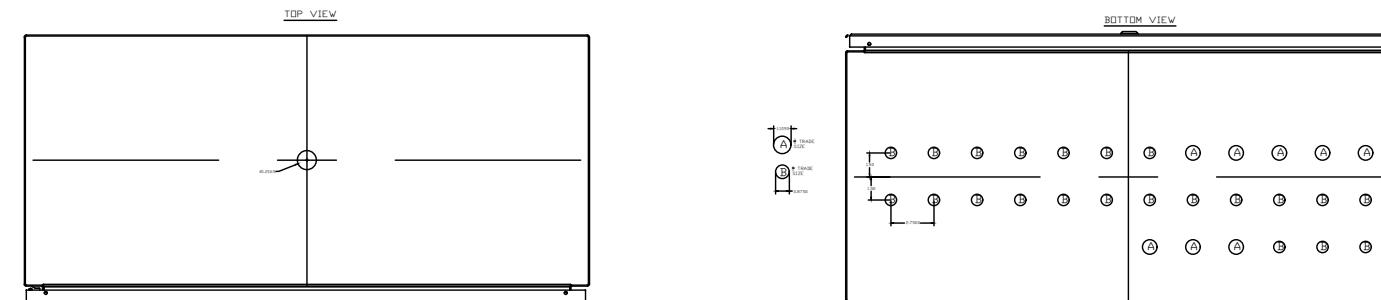
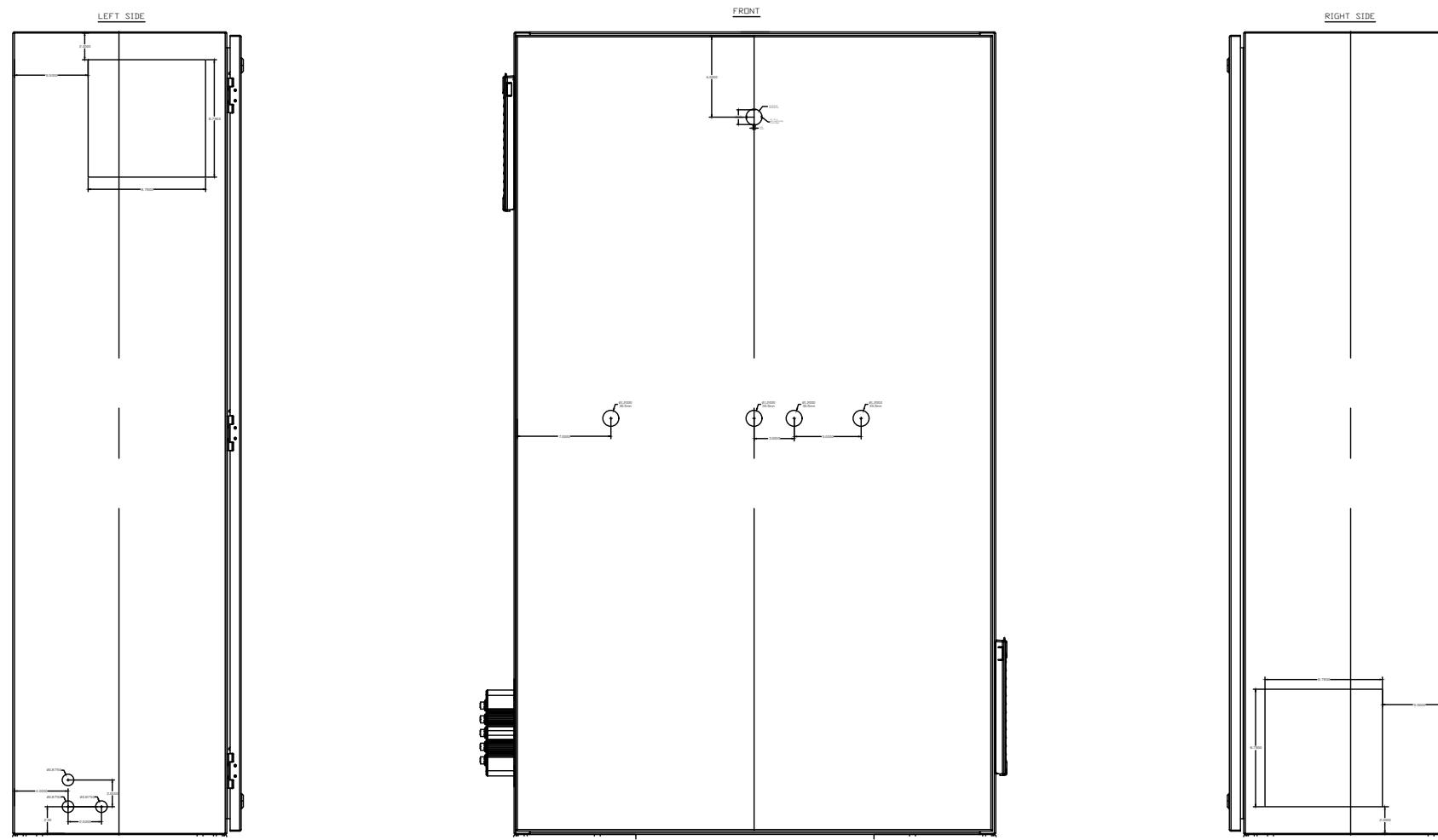
Reference	Cord Grip PN
CBL-21-1	69915K56
CBL-21-2	7807K38
CBL-22-1	69915K56
CBL-22-2	7807K38
CBL-31-1	7807K38
CBL-31-3	7807K38
CBL-31-5	7807K38
CBL-31-7	7807K38
CBL-32-1	7807K38
CBL-32-3	7807K38
CBL-32-5	7807K38
CBL-32-7	7807K38
CBL-61-2	7807K38
CBL-91-1	69915K53
CBL-93-1	69915K53
CBL-102-1	7807K38
CBL-131-2	7807K34
CBL-131-3	69915K56
CBL-132-2	7807K34
CBL-132-3	69915K56
CBL-133-2	7807K34
CBL-134-2	7807K34
CBL-151-1	7807K34
CBL-151-2	7807K34
CBL-152-1	7807K34
CBL-152-2	7807K34
CBL-153-1	69915K54
CBL-153-3	7807K33
CBL-161-1	69915K54
CBL-171-1	7807K38
CBL-171-2	7807K38
CBL-172-1	7807K38
CBL-172-2	7807K34
CBL-173-1	7807K34
CBL-190-1	CD13NS-A1,OR-18-BN,NN-13-BK
CBL-212-3	69915K54
CBL-221-1	69915K55
CBL-221-2	69915K57
CBL-221-3	7807K33
CBL-PENDING	CD13NS-A1,OR-18-BN,NN-13-BK
CBL-PENDING	CD13NS-A1,OR-18-BN,NN-13-BK
CBL-PENDING	CD13NS-A1,OR-18-BN,NN-13-BK
CBL-231-3	7807K14
CBL-232-3	7807K14
CBL-233-3	7807K14
CBL-234-3	7807K14
CBL-231-1	7807K44
CBL-232-1	7807K44
CBL-233-1	7807K44
CBL-234-1	7807K44

BOTTOM VIEW



NOTE: PLACE CABLE LABELS  
ON INSIDE OF CABINET

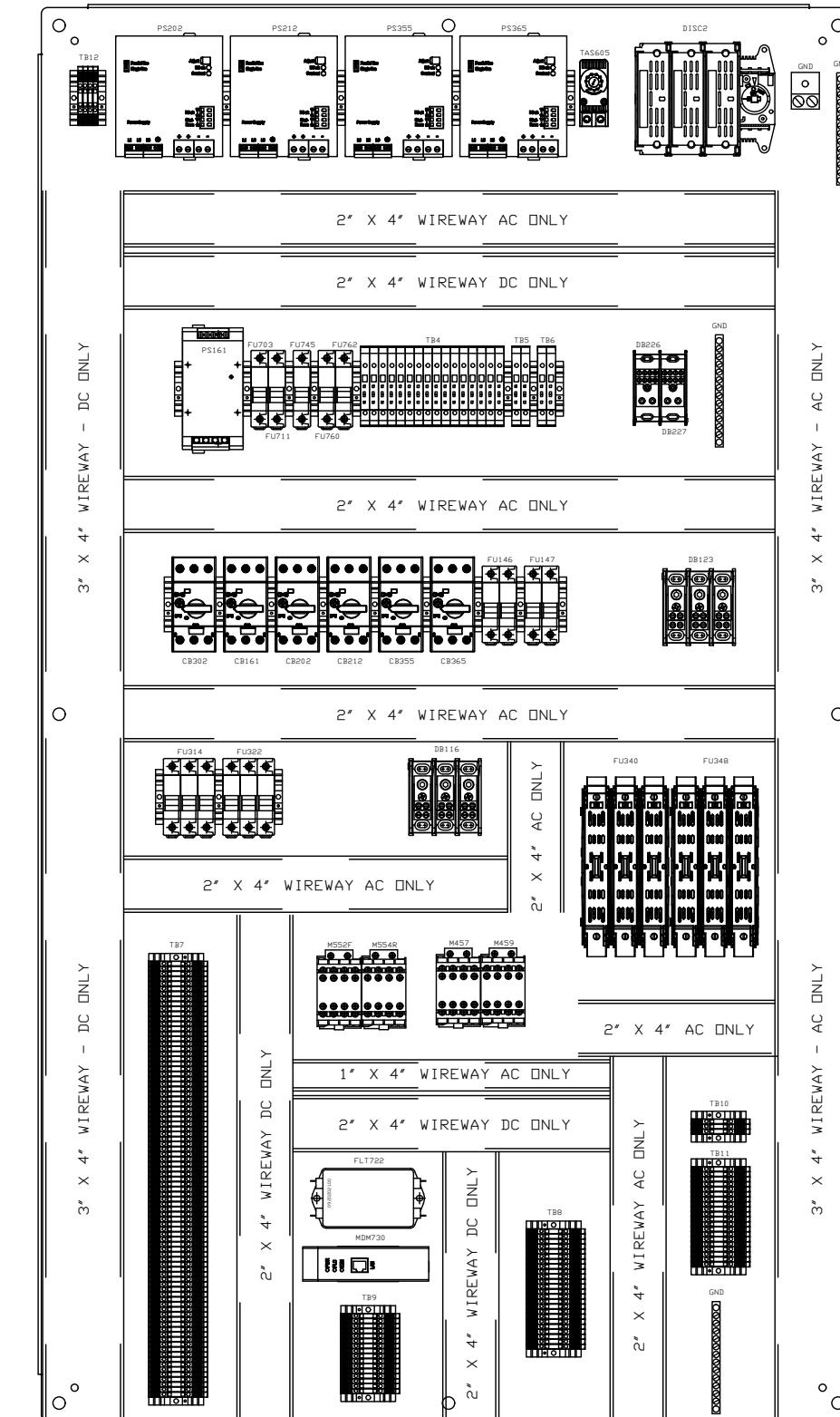
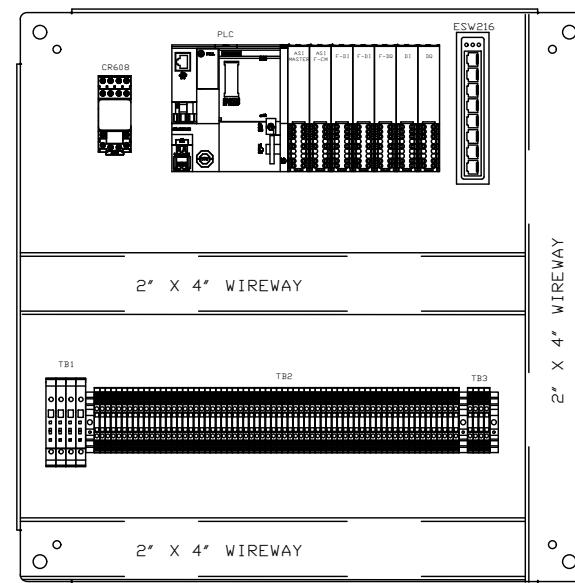
REVISIONS			DRAWN BY	DATE	CONFIDENTIALITY NOTE:		BERKSHIRE GREY Horlick™	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025	CHK BY	DATE		BG125280 ENCLOSURE LAYOUT	D-BG-125280	REV-B
					APPR BY	DATE		CLIENT	JOB NO.	SCALE N/A
								BERKSHIRE GREY	T102637	SIZE B
									SHEET 10 OF 14	



REVISIONS			DRAWN BY	DATE	APPR.	CONFIDENTIALITY NOTE:	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025		The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	BG125280 ENCLOSURE CONSTRUCTION	D-BG-125280	REV-B
CHK BY				DATE					SCALE N/A
APPR BY				DATE					SIZE B
							CLIENT	JOB NO.	SHEET 11 OF 14
							BERKSHIRE GREY	T102637	



NOTE: MOUNTED TO  
INSIDE OF DOOR



NOTE: RAISED DIN RAIL

REVISIONS			DRAWN BY	DATE	APPR.	CONFIDENTIALITY NOTE:	TITLE	DWG NO.	REV
DATE	DESCRIPTION	APPR.	RHC	03/07/2025		The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.	BG125280 SUBPANEL LAYOUTS	D-BG-125280	REV-B
CHK BY				DATE			CLIENT	JOB NO.	SCALE N/A
APPR BY				DATE			BERKSHIRE GREY	T102637	SIZE B
									SHEET 12 OF 14



TB1 1492-H6	
24VDC FUSED TERMINALS ON DOOR	
LABEL	DESCRIPTION
FU401	PLC 5A FUSE PROTECTION
FU473	PLC 5A FUSE PROTECTION
FU572	PLC 5A FUSE PROTECTION
FU618	ESW618 1A FUSE PROTECTION

TB2 1492-J3	
PLC I/O, 24VDC ON DOOR	
LABEL	DESCRIPTION
440	24VDC FROM FU440
442	SAFETY CONTACTOR OPEN
443	ESTOP CH A
444	BRAKING RESISTOR A TEMP SENSOR
446	BRAKING RESISTOR B TEMP SENSOR
448	SPARE SAFETY INPUT
450	ESTOP CH B
452	SPARE SAFETY INPUT
454	FACILITY FIRE ALARM
457	SAFETY CONTACTOR A COIL
459	SAFETY CONTACTOR B COIL
461	SPARE SAFETY OUTPUT
463	SPARE SAFETY OUTPUT
465	NEUTRAL
502	24VDC FROM FU502
503	BLOWER PROTECTION TRIP
504	BLOWER TEMP OKAY

TB2 1492-J3	
PLC I/O, 24VDC ON DOOR	
LABEL	DESCRIPTION
506	24V OK
508	SPARE INPUT
511	RESET
512	SPARE INPUT
514	SPARE INPUT
517	SPARE INPUT
519	SPARE INPUT
540	STACKLIGHT MOD 4
542	STACKLIGHT MOD 3
545	STACKLIGHT MOD 2
547	STACKLIGHT MOD 1
548	CONTROL ENABLED
550	RESET LIGHT
552	BLOWER FORWARD
554	BLOWER REVERSE
556	ESTOP PILOT LIGHT
558	SPARE OUTPUT
560	SPARE OUTPUT
563	SPARE OUTPUT
565	SPARE OUTPUT
802	SPARE INPUT
804	SPARE INPUT
806	SPARE INPUT
808	SPARE INPUT
810	SPARE INPUT
812	SPARE INPUT
814	SPARE INPUT
816	SPARE INPUT
24V	24VDC
24V	24VDC
24V	24VDC
0V	0VDC
0V	0VDC
0V	0VDC

TB3 1492-J3	
ASI ON DOOR	
LABEL	DESCRIPTION
ASI+	ASI+
ASI+	ASI+
ASI-	ASI-
ASI-	ASI-

TB4 1492-H6	
24VDC FUSED TERMINALS MAIN PANEL	
LABEL	DESCRIPTION
FU440	PLC 5A FUSE PROTECTION
FU502	PLC 5A FUSE PROTECTION
FU603	LT603 1A FUSE PROTECTION
FU605	F605 5A FUSE PROTECTION
FU607	CR608 5A FUSE PROTECTION
FU610	HMI 5A FUSE PROTECTION
FU613	HMI 5A FUSE PROTECTION
FU624	ESW624 2A FUSE PROTECTION
FU627	MISC 5A FUSE PROTECTION
FU641	MISC 10A FUSE PROTECTION
FU649	PM POWER 5A FUSE PROTECTION
FU651	SPARE 10A FUSE PROTECTION
FU663	SPARE 5A FUSE PROTECTION
FU665	SPARE 5A FUSE PROTECTION
FU667	SPARE 10A FUSE PROTECTION
FU722	FLT722 3A FUSE PROTECTION

TB7 1492-J3, 1492-JG3, 1492-JD3		
PLC I/O, 24VDC MAIN PANEL		
LABEL 1	LABEL 2	DESCRIPTION
444		SPARE SAFETY INPUT
446		SPARE SAFETY INPUT
448		SPARE SAFETY INPUT
452		SPARE SAFETY INPUT
454		SPARE SAFETY INPUT
514		SPARE INPUT
517		SPARE INPUT
519		SPARE INPUT
558		SPARE OUTPUT
560		SPARE OUTPUT
563		SPARE OUTPUT
565		SPARE OUTPUT
607		TAS607
608		TAS607
610		CABINET HMI
0V		NEUTRAL
GND		GROUND
613		STATION HMI
0V		NEUTRAL
GND		GROUND
618		ESW624
0V		NEUTRAL
GND		GROUND
627	0V	CC MOTOR LOGIC
627	0V	HOMING SENSORS
627	0V	INTERLOCK
627	0V	INTERLOCK
641	0V	SPARE

TB5 1492-H6	
48VDC FUSED TERMINALS MAIN PANEL	
LABEL	DESCRIPTION
FU741	SPARE 10A FUSE PROTECTION
FU743	SPARE 5A FUSE PROTECTION

TB6 1492-H6	
72VDC FUSED TERMINALS MAIN PANEL	
LABEL	DESCRIPTION
FU760	SPARE 7A FUSE PROTECTION
FU762	SPARE 7A FUSE PROTECTION

REVISIONS			DRAWN BY	DATE
DATE	DESCRIPTION	APPR.	RHC	03/07/2025
			CHK BY	DATE
			APPR BY	DATE



TITLE BG125280  
TERMINAL BLOCK LAYOUTS  
CLIENT BERKSHIRE GREY

DWG NO. D-BG-125280  
JOB NO. T102637

REV REV-B  
SCALE N/A  
SIZE B  
SHEET 13 OF 14

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TB7 1492-J3, 1492-JG3, 1492-JD3 PLC I/O, 24VDC MAIN PANEL			
LABEL 1	LABEL 2	DESCRIPTION	
649	0V	PM POWER	NEUTRAL
651	0V	KICKER MOTOR LOGIC	NEUTRAL
651	0V	EJECTOR MOTOR LOGIC	NEUTRAL
651	0V	SLIDER MOTOR LOGIC	NEUTRAL
651	0V	SPARE	NEUTRAL
651	0V	SPARE	NEUTRAL
651	0V	SPARE	NEUTRAL
663	0V	SPARE	NEUTRAL
665	0V	BOX LINE SCANNERS	NEUTRAL
665	0V	BOX LINE SCANNERS	NEUTRAL
667	0V	DONOR TOTE SCANNER	NEUTRAL
667	0V	DESTINATION STAGING SCANNERS	NEUTRAL
667	0V	DESTINATION STAGING SCANNERS	NEUTRAL
669	0V	TRIGGER OF DONOR TOTE SCANNER	NEUTRAL
670	0V	TRIGGER OF DEST STAGING SCANNER	NEUTRAL
671	0V	TRIGGER OF DEST STAGING SCANNER	NEUTRAL
672	0V	TRIGGER OF DEST STAGING SCANNER	NEUTRAL
673	0V	TRIGGER OF DEST STAGING SCANNER	NEUTRAL
703	0V	4SPAN LOGIC POWER	NEUTRAL
703	0V	RPS LOOP LOGIC POWER	NEUTRAL
703	0V	SPARE	NEUTRAL
703	0V	SPARE	NEUTRAL
711	0V	SPARE	NEUTRAL
711	0V	SPARE	NEUTRAL
711	0V	SPARE	NEUTRAL
711	0V	SPARE	NEUTRAL
711	0V	SPARE	NEUTRAL
FILTER 24V	FILTER 0V	FILTERED VOLTAGE	NEUTRAL
FILTER 24V	FILTER 0V	FILTERED VOLTAGE	NEUTRAL

TB8 1492-J3 48/72VDC MAIN PANEL	
LABEL	DESCRIPTION
741	48VDC SPARE
0V	NEUTRAL
GND	GROUND
743	48VDC SPARE
0V	NEUTRAL
GND	GROUND
745	48VDC MOTOR LOGIC L
0V	NEUTRAL
GND	GROUND
745	48VDC SPARE
0V	NEUTRAL
GND	GROUND
745	48VDC MOTOR LOGIC R
0V	NEUTRAL
GND	GROUND
745	48VDC SPARE
0V	NEUTRAL
GND	GROUND
760	72VDC SPARE
0V	NEUTRAL
GND	GROUND
762	72VDC SPARE
0V	NEUTRAL
GND	GROUND

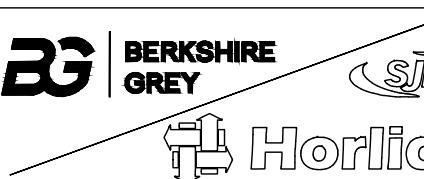
TB9 1492-J3 ASI MAIN PANEL	
LABEL	DESCRIPTION
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-
ASI+	ASI+
ASI-	ASI-

TB10 1492-J3, 1492-JG3 240VAC	
LABEL	DESCRIPTION
146B	DRIVE CONN
149B	DRIVE CONN
GND	GROUND

TB12 1492-J3, 1492-JG3 480VAC	
LABEL	DESCRIPTION
1L1	VI140
1L2	VI140
1L3	VI140
GND	GROUND

TB11 1492-J3, 1492-JG3 480VAC	
LABEL	DESCRIPTION
302A	M1
303A	M1
305A	M1
GND	GROUND
314	4SPAN L
315	4SPAN L
317	4SPAN L
GND	GROUND
322	4SPAN R
323	4SPAN R
325	4SPAN R
GND	GROUND
340	SLIDER L
341	SLIDER L
343	SLIDER L
GND	GROUND
348	SLIDER R
349	SLIDER R
351	SLIDER R
GND	GROUND

REVISIONS		DRAWN BY	APP'D.	CONFIDENTIALITY NOTE:  The information contained in this drawing is intended for use only by Horlick Company, Inc. and the organization listed below. The information is confidential and any copying, distribution or dissemination without the consent of Horlick Company, Inc. is STRICTLY PROHIBITED.
DATE	DESCRIPTION	RHC	DATE	
CHK BY			DATE	
APPR BY			DATE	



BERKSHIRE GREY

SJE

Horlick

TITLE	BG125280		DWG NO.	REV REV-B
TERMINAL BLOCK LAYOUTS				
CLIENT	BERKSHIRE GREY		JOB NO.	N/A
SHEET 14 OF 14				

Sort Code	Manufacturer	Description	MFG Part Number	Qty	Tag #
10	HOFFMAN	ENCL,N4,STEEL60X36X16 CONCEPT HOFFMAN	RPS-CSD603616-C	1	ENCL
20	HOFFMAN	PLATE,BACK,60X36 CONCEPT HO	CP6036	1	ENCL
30	HOFFMAN	PLATE, BACK, 24X24 CONCEPT HOFF	CP2424	1	ENCL
40	HOFFMAN	FLOOR STAND KIT,12X16, HOF	AFK1216	1	ENCL
50	SAGINAW	LED STRIP LIGHT WITH BUILT IN MOTION SENSOR	SCE-SLMS	1	LT603
60	SAGINAW	STRIP LIGHT CONNECTION CORD	SCE-SLCC	1	LT603
70	SAGINAW	THRMSLT,ADJ,30-140F NO SAGINAW	SCE-TEMNO	1	TAS605
80	HOFFMAN	IP54 10 IN FF 2	HF1024414	1	F605
90	HOFFMAN	FAN,EXHAUST GRILL,KIT,10IN,HOFF, IP54, HG SERIES, LIGHT GRAY	HG1000404	1	F605
100	HOFFMAN	ENCL,INTERLOCK ELEC,HOF	AEK115NDH	1	SOL155
110	ALLEN BRADLEY	FUSED DISCONNECT SWITCH	194R-J60-1753-PYS1	1	DISC2
120	EATON BUSSMANN	FUSE,CLASS J,50A	LPJ-50SP	3	FU02
130	MERSEN	POWER DISTRIBUTION BLOCK,MINI,ALUMINUM,OPEN STYLE,UL 1953,1000VAC/DC,3-P,135A	MPDB63133	2	DB123; DB116
140	MERSEN	ACCESSORY SAFETY COVER SNAP-ON HINGED FOR MINIATURE POWER DISTRIBUTION BLOCKS	MPDBC6263	6	DB123; DB116
150	GRACE ENG. PRO	VOLTAGE INDICATOR W/ FLASHING LEDs	R-3W	1	VI140
160	MERSEN	FUSEHOLDER,CLASS CC,ULTRASAFE,W/INDICATOR,2P,600VAC/DC,SCCR 200KA,30A,SCREW TERM	USCC2I	2	FU146; FU147
170	EATON BUSSMANN	FUSE,CLASS CC,10A	LP-CC-10	2	FU147
180	EATON BUSSMANN	FUSE,CLASS CC,15A (ALTERNATIVE ATQR15)	FNQ-R-15	2	FU146
190	HAMMOND	TRANSFORMER,SINGLE PHASE,CENTER-TAP,480V PRI.,240/120V SEC	C1F003LES	1	XF146
200	MERSEN	FUSEHOLDER,1-POLE,WITH BFI	USCC1I	5	FU703; 711; 745; 760; 762
210	EATON BUSSMANN	FUSE,CLASS CC,7A	LPCC-7	2	FU760; 762
220	EATON BUSSMANN	FUSE,CLASS CC,20A	LP-CC-20	3	FU703;711;745
230	EATON BUSSMANN	FUSE, CLASS RK5, 8A	FRS-R-8	6	FU340; FU348
240	EATON BUSSMANN	FUSE BLOCK, RM SERIES, 0-30A, BOX LUG	RM60030-3CR	2	FU340; FU348
250	EATON BUSSMANN	ACC,FUSE HLDR,CLASS RK5,30A,600V	CVR-RH-60030	6	FU340; FU348
260	EATON BUSSMANN	FUSE,CLASS CC,6A	LP-CC-6	6	FU314; FU322
270	ALLEN BRADLEY	SAFETY CONTACTOR, 52A, 24VDC COIL	100S-E52KJ22C	2	M457; M459
280	MERSEN	FUSEHOLDER,3-POLE,WITH BFI	USCC3I	2	FU314; FU322
290	ALLEN BRADLEY	MOTOR PROTECTION CIRCUIT BREAKER	140MT-C3E-B16	5	CB161; 202; 212; 355; 365
300	ALLEN BRADLEY	FRONT MOUNT AUXILIARY CONTACT,1 NO 1NC FOR 140MT, ME MTR PROTECTION CKT- BR	140MT-C-AFA11	1	CB302
310	ALLEN BRADLEY	MOTOR PROTECTION CIRCUIT BREAKER	140MT-D9E-C16	1	CB302
320	ALLEN BRADLEY	TYPE E SPACING ADAPTER	140MT-C-TE	6	CB303
330	IFM EFECTOR	AS-INTERFACE POWER SUPPLY,124X62X120MM, OPERATING VOLTAGE - 21.5-31.6DC, AS-I 8, TERMINALS	AC1253	1	PS161
340	PULS	POWER SUPPLY 380 TO 480 VAC INPUT, 24 TO 28 VDC OUTPUT, 960 W, 34.3 TO 40 A. (ALTERNATIVE XT40.242)	QT40.241	2	PS202; PS212
350	MERSEN	1 POLE, 2 - 8 OPENINGS, 2/0-14AWG --- 2-14AWG	MPDB67611	2	DB226;227
360	MERSEN	COVER,PWR DIST,FINGER SAFE	MPDBC6667	2	DB226;227
370	ALLEN BRADLEY	30MM KEYED SELECTOR SWITCH, SPRING RETURN RIGHT, LOCK REMOVAL LEFT	800T-H4BD2	1	SS155
380	ALLEN BRADLEY	REVERSING SAFETY CONTACTOR, 16A, 24VDC COIL	104S-E16EJ28C	1	M552F; M554R
390	PULS	POWER SUPPLY UNIT 480 VAC INPUT, 72 VDC OUTPUT, 960 W POWER, 13.3 A	XT40.722	1	PS355
400	PULS	POWER SUPPLY UNIT 480 VAC INPUT, 48 VDC OUTPUT, 960 W POWER, 20 A (ALTERNATIVE XT40.482)	XT40.482	1	PS365
410	SIEMENS	SIMATIC DP, CPU 1512SP F-1 PN FOR ET 200SP	BG-6ES7512-1SK01-0AB0	1	PLC
420	SIEMENS	SIMATIC SY MEMORY CARD,24 MB	BG-6ES7954-8LF04-0AA0	1	PLC
430	SIEMENS	SIMATIC_BUSA_ADAPTER_PN_BA_2XRJ45	BG-6ES7193-6AR00-0AA0	1	PLC
440	SIEMENS	BASE UNIT TYPE C0, BU20-P6+A2+4D	BG-6ES7193-6BP20-0DC0	2	SLOT 2-3
450	SIEMENS	SIMATIC ET 200SP COMMUNICATION MODULE CM AS-INTERFACE MASTER ST	BG-3RK7137-6SA00-0BC1	1	SLOT 2
460	SIEMENS	SIMATIC ET 200SP SAFETY COMMUNICATION MODULE F-CM AS-INTERFACE SAFETY ST FOR AS-INTERFACE	BG-3RK7136-6SC00-0BC1	1	SLOT 3
470	SIEMENS	SAFETY DIGITAL INPUT MODULE 8X24V	BG-6ES7136-6BA01-0CA0	2	SLOT 4-5
480	SIEMENS	ASM_BASE UNIT TYPE A0_BU15-P16+A	BG-6ES7193-6BP00-0DAO	5	SLOT 4-8
490	SIEMENS	DIGITAL OUTPUT MODULE 4X24V	BG-6ES7136-6DB00-0CA0	1	SLOT 6
500	SIEMENS	SIMATIC ET 200SP, DI 16X24VDC ST	BG-6ES7131-6BH01-0BA0	1	SLOT 7
510	SIEMENS	OUTPUT MODULE 16 DIGITAL 24V	BG-6ES7132-6BH01-0BA0	1	SLOT 8
520	ANTAIRA TECHNOLOGIES	8-PORT INDUSTRIAL GIGABIT UNMANAGED ETHERNET SWITCH, W/8*10/100/1000TX	LNX-800AG	1	ESW618
530	BANNER ENGINEERING	COMPLETE UNIT GR/RYL LED 4STACK	TL70RYGALT	1	ABU540
540	PLANET	ETHERNET SWITCH, RJ45 PORTS , 100MBPS, LAYER 2 UNMANAGED	ISW-800T-M12	1	ESW624
550	ALLEN BRADLEY	TRANSFORMER TYPE WITH INCAND LAMP 800T	800T-P16G	1	LT548
560	ALLEN BRADLEY	30.5MM TYPE 4/13 MOM. CONTACT PB-ILLUM., BLUE, EXT. HD W/O GUARD, LED, 12-130V AC/DC, 1 NO-1 NC	800T-QBH2B	1	PBLT511
570	ALLEN BRADLEY	CONTACT,BLK,N.C.ALLEN BRADLEY	800T-XD2	2	
580	HEYCO	CONN,LQDT, .21-.334, SPLIT GLAND	M3200GBH	2	dv02; 03

590	ALLEN BRADLEY	30.5MM TYPE 4/13 2 POS. PB-ILLUM., PUSH-PULL, MUSHRM HD, RED LED, 12-130V AC/DC, 1 NCLB-1 NO	800T-FXQH2RA1	1	PBLT442
600	ALLEN BRADLEY	CONTACT BLOCK,1 N.O., AB	800T-XD1	1	
610	IDEC	Relay,E-Mech,4PDT,Cur-Rtg 6A,Vol-Rtg 250AC/30DC,Ctrl-V 24DC,w/Latching Lever	RU4S-D24	1	CR608
620	IDEC	SOCKET, 4P CONTROL RELAY	SY4S-05C	1	CR608
630	ALLEN BRADLEY	FUSED TERMINAL BLOCK, FINGER SAFE, SINGLE POLE, 15A, 100-300VAC, H-BLOCK, BLACK	1492-H6	22	
640	EATON BUSSMANN	FUSE,AGC,250V 2A	AGC-2-R	1	FU624
650	EATON BUSSMANN	250V SMALL DIM FUSE	AGC-5-R	9	FU440; 502; 605; 607; 627; 649; 651; 663; 665
660	EATON BUSSMANN	FUSE, FAST ACTING, 1A, AGC SERIES, 250V AC, NOT RATED,	AGC-1-R	2	FU603; 618
670	EATON BUSSMANN	10 AMP (GLASS), 32V MAX	MDL-10-R	2	FU641; 741
680	EATON BUSSMANN	FUSE, 5 AMP (GLASS)	MDL-5-R	7	FU401;473; 572; 610; 613; 667; 743
690	EATON BUSSMANN	FUSE 3AMP, FAST ACTING, 120VAC	AGC-3-R	1	FU722
700	ALLEN BRADLEY	IEC 1-CKT FD-THRU GRD BLK (PACK OF 100)	1492-JG3	18	
710	ALLEN BRADLEY	BLOCK,TERM,IEC END BARRIER AB	1492-EAJ35	48	
720	ALLEN BRADLEY	TERM,BLK,30-12AWG,2 LEVEL 2 CKT,SCREW,GREY,AB	1492-JD3	38	
730	ALLEN BRADLEY	IEC 1-CIRCUIT FEED-THROUGH BLOCK, 2.5MM MAX. WIRE, GREY, 00	1492-J3	170	
740	FAIR-RITE	FERRITE CORE 3000OHM SOLID 6.35MM	2631540002	4	FR722-725
750	CONDUCTIX-WAMPFLER	MODEM,NEXUS BB DATA TRANSMISSION,LOW VOLTAGE DC	XA-NBB-C-I-AA	1	MDM730
760	ASTRODYNE	POWER LINE FILTER, EMI, 250VAC, 20A	092.02021.00	1	FLT722
770	MCMASTER CARR SUPPLY CO INC	PLASTIC SUBMERSIBLE CORD GRIP	69915K56	4	
780	MCMASTER CARR SUPPLY CO INC	CORD GRIP, 3 CORDS, .18"-.22" OD	7807K38	5	
790	MCMASTER CARR SUPPLY CO INC	CORD GRIP, 1/2IN, NPT SUBMERSIBLE	69915K53	2	
800	MCMASTER CARR SUPPLY CO INC	MULTI-CORD GRIP	7807K34	5	
810	MCMASTER CARR SUPPLY CO INC	PLASTIC SUBMERSIBLE CORD GRIP	69915K54	3	
820	MCMASTER CARR SUPPLY CO INC	MULTI-CORD GRIP	7807K33	1	
830	SEALCON	STRAIN RELIEF FITTING,BLACK,NYLON,1/2" NPT,INSERT FOR ANSI-BUS CABLES	CD13NS-A1	4	
840	SEALCON	BUNA-N O-RING 1/2" NPT	OR-18-BN	4	
850	SEALCON	LOCKNUT 1/2"NPT	NN-13-BK	4	
860	MCMASTER CARR SUPPLY CO INC	COMPACT LIQUID-TIGHT CORD GRIP, STRAIGHT, FOR 0.51"-0.71" CORD DIAMETER, 3/4 TRADE SIZE	69915K55	1	
870	MCMASTER CARR SUPPLY CO INC	PLASTIC SUBMERSIBLE CORD GRIP	69915K57	1	
880	MCMASTER CARR SUPPLY CO INC	CORD GRIP, 4 CORDS, .16"-.2" OD	7807K14	1	
890	MCMASTER CARR SUPPLY CO INC	CORD GRIP, 2 CORDS, .27"-.31" OD	7807K44	2	
900	WAGO	50 V 1.5 A 10 Gbits Cat 6 A RJ45 Panel Connector	8000-099/000-1764	2	ETH BLKHD
910	L-COM	NETWORK CABLE ASSEMBLY, CAT 5E, RJ45, BLACK, D CODED, TRD855SIG SERIES	M12RJ454D-1	2	ETH BLKHD
920	MCMASTER CARR SUPPLY CO INC	CORD GRIP,3/8",W/LOCKNUT,4X,0.08-0.24" CABLE	69915K52	1	ETH POWER