

BREAKER CONTROL SWITCH DETAIL

NAMEPLATES  
(0.5x1.75 INCH UNLESS SPECIFIED OTHERWISE)

QTY.	DEVICE	NAMEPLATE
1	"B" BLUE LIGHT	MAINT. MODE ENABLED
1	"ARM" CONTROL SWITCH	MAINT. MODE OFF/ON
1	"G" GREEN LIGHT	OPEN
1	"R" RED LIGHT	CLOSED
1	"CS" CONTROL SWITCH	TRIP/CLOSE

DEVICE LIST

QTY.	DESCRIPTION	STYLE #
1	CS1: CONTROL SWITCH	10250T3043
1	N.O. CONTACT BLOCK	10250T2
1	ARM1: CONTROL SWITCH	10250T1311
1	N.O. CONTACT BLOCK	10250T2E
1	R1: LIGHT, RED LED 24VDC	10250T197LRP24
1	G1: LIGHT, GREEN LED 24VDC	10250T197LGP24
1	B1: LIGHT, BLUE LED 24VDC	10250T197LLP24
1	ROGOWSKI NEUTRAL SENSOR	NRMPN
-	TERMINAL BLOCK MOUNTING STRIP	TMR12
-	TERMINAL 3-POINT MODULE BLOCK	TBAT3

EATON DWG: S00URJ2-S2

CONTROL NUMBER: XXXXXXX

B	SB	-----	MARK VI TERMINATIONS	JD
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD
REV No.	DRWN BY	DATE	DESCRIPTION	APPR BY

DRAWING TITLE:

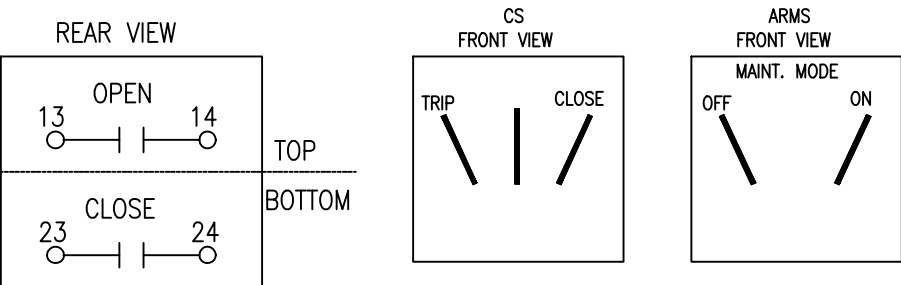
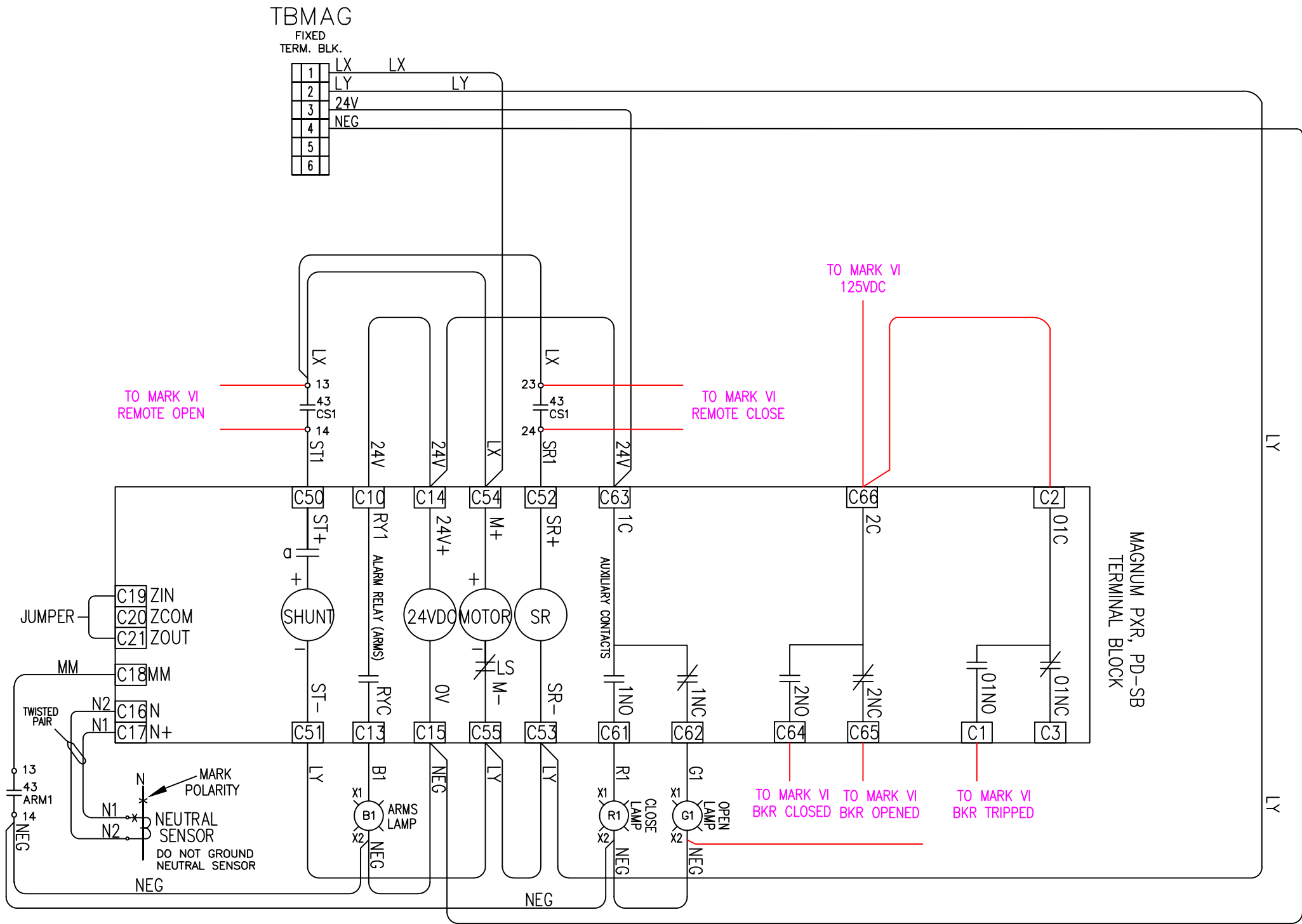
STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
MAIN BREAKER



BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO

UNIT: -  
PD NO: -  
GEMS: -  
SCALE: -  
PWO NO: -  
DWG NO: -



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CONTROL NUMBER: XXXXXXX

REV	DRWN	DATE	DESCRIPTION	APPR
B	SB	-----	MARK VI TERMINATIONS	JD
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD

DRAWING TITLE:

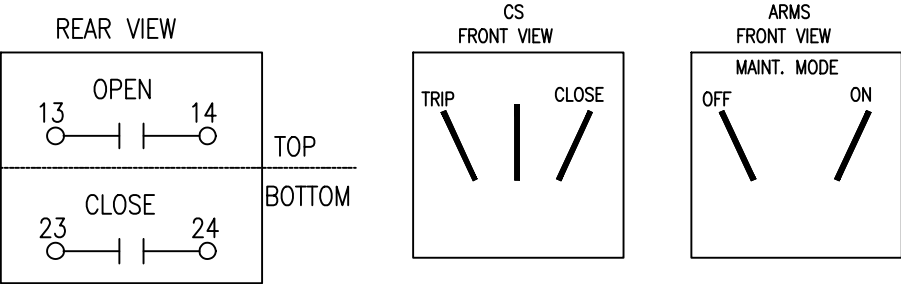
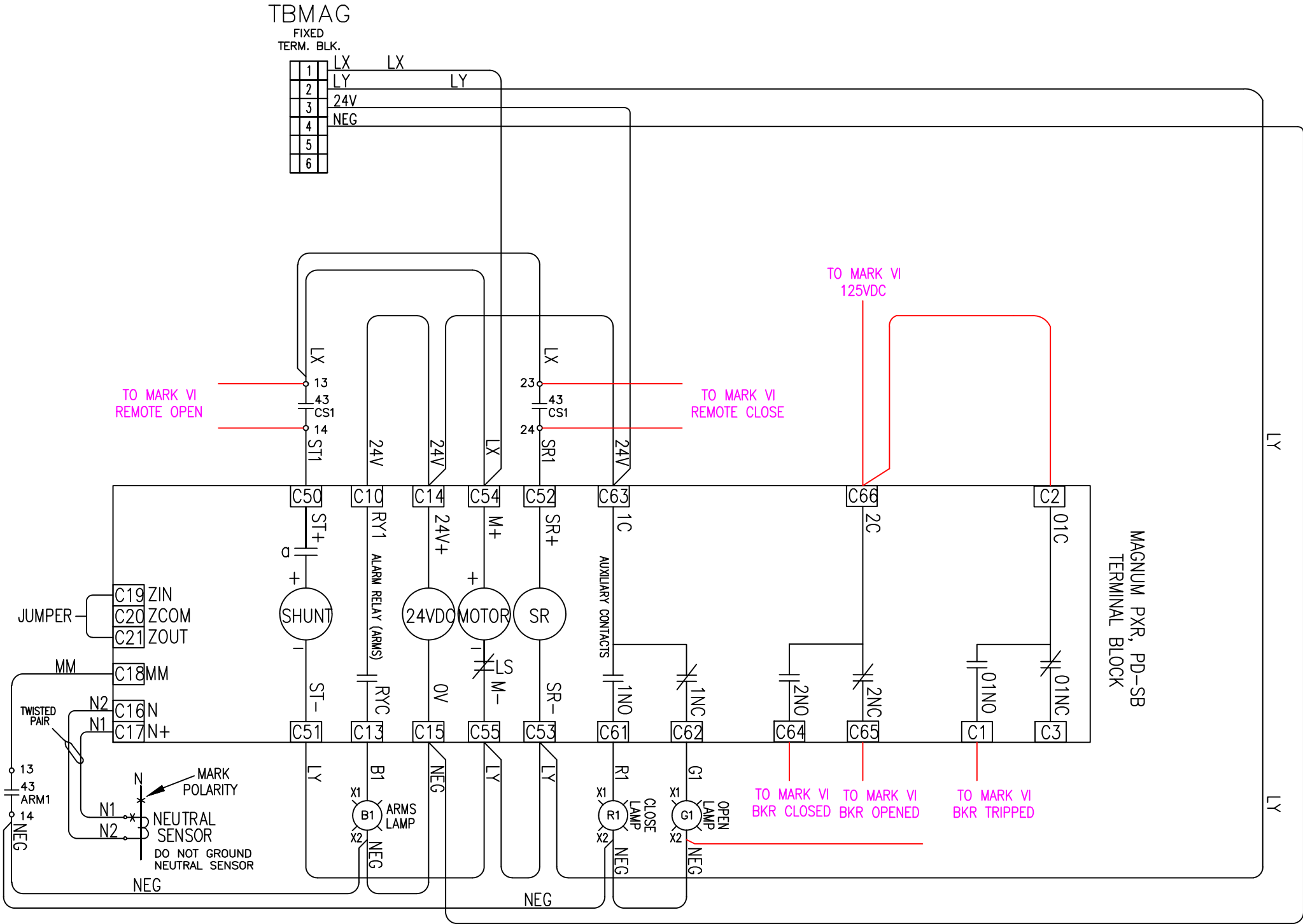
STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
BREAKER 1A



BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO

UNIT: -  
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PWO NO: -  
DWG NO: -



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CONTROL NUMBER: XXXXXXX

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B	SB	-----	MARK VI TERMINATIONS	JD
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD

DRAWING TITLE:  
**STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
BREAKER 2A**



BRANDY BRANCH  
GENERATING  
STATION

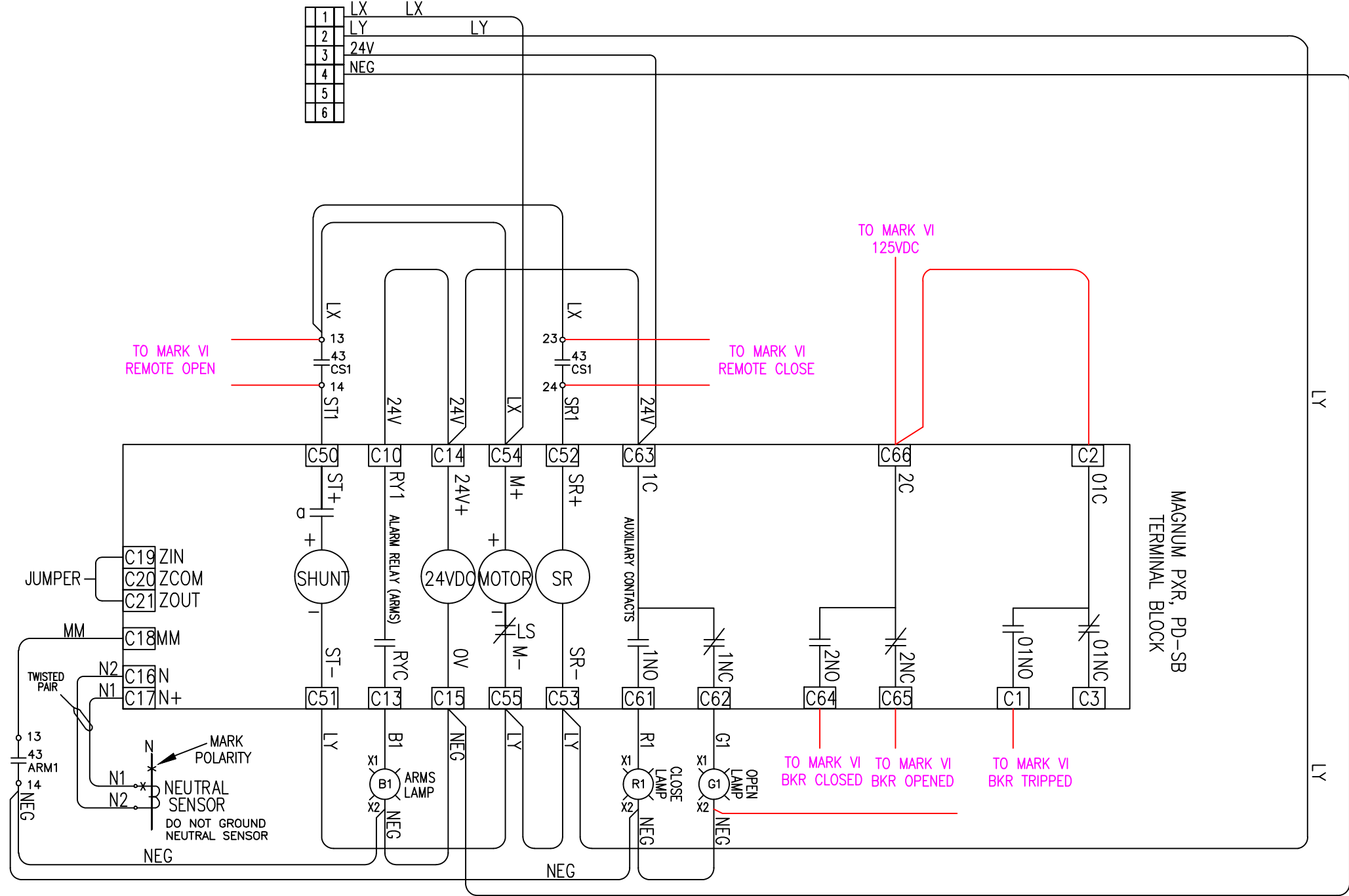
CONTRACTOR NAME AND LOGO

UNIT:	-
PD NO:	-
GEMS:	-
SCALE:	-
PWO NO:	-
DWG NO:	-

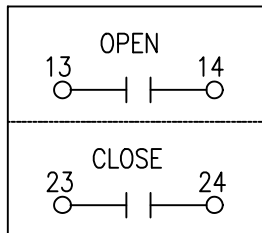
TBMAG

FIXED  
TERM. BLK.

1	LX
2	LY
3	24V
4	NEG
5	
6	

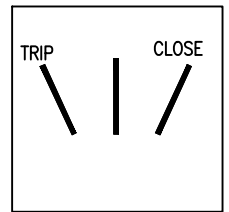


REAR VIEW

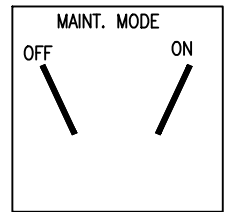


TOP  
BOTTOM

CS  
FRONT VIEW



ARMS  
FRONT VIEW



BREAKER CONTROL SWITCH DETAIL

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EATON DWG: S00URJ2-S2

CONTROL NUMBER: XXXXXXX

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REV	DRWN	DATE	DESCRIPTION	APPR
No.	BY			BY

DRAWING TITLE:

STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
BREAKER 3A



BRANDY BRANCH  
GENERATING  
STATION

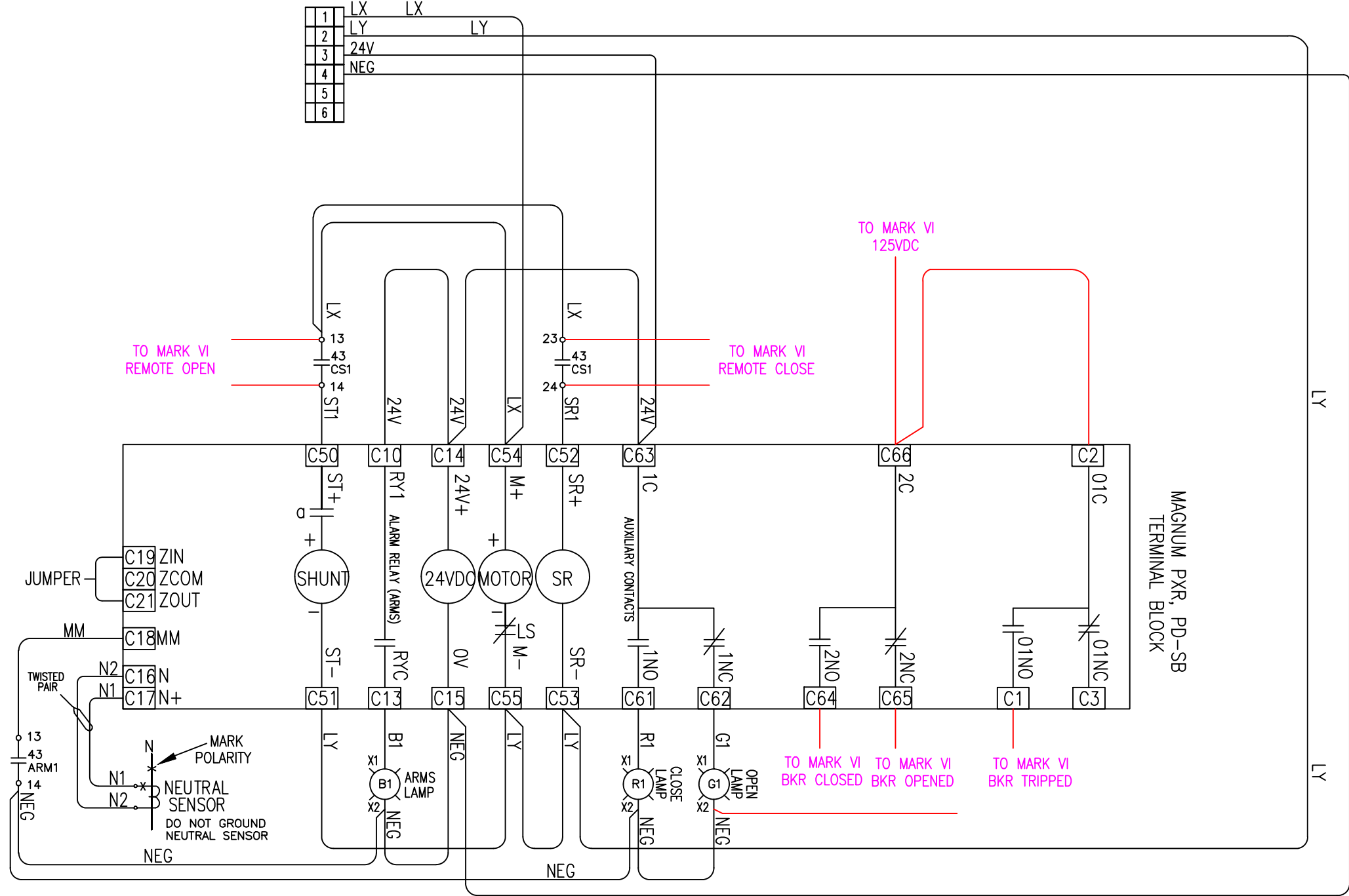
CONTRACTOR NAME AND LOGO

UNIT:	-
PD NO:	-
GEMS:	-
SCALE:	-
PWO NO:	-
DWG NO:	-

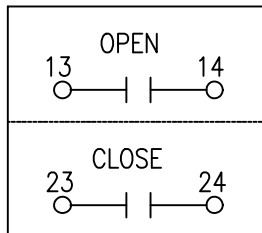
TBMAG

FIXED  
TERM. BLK.

1	LX
2	LY
3	24V
4	NEG
5	
6	

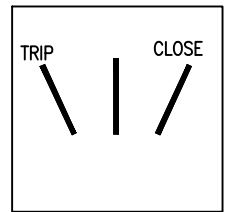


REAR VIEW

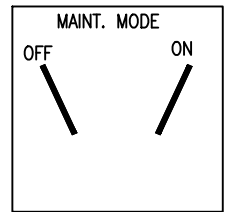


TOP  
BOTTOM

CS  
FRONT VIEW



ARMS  
FRONT VIEW



BREAKER CONTROL SWITCH DETAIL

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EATON DWG: S00URJ2-S2

CONTROL NUMBER: XXXXXXX

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A	SB	9/26/24	COPY OF VENDOR DRAWING	JD
REV	DRWN	DATE	DESCRIPTION	APPR
No.	BY			BY

DRAWING TITLE:

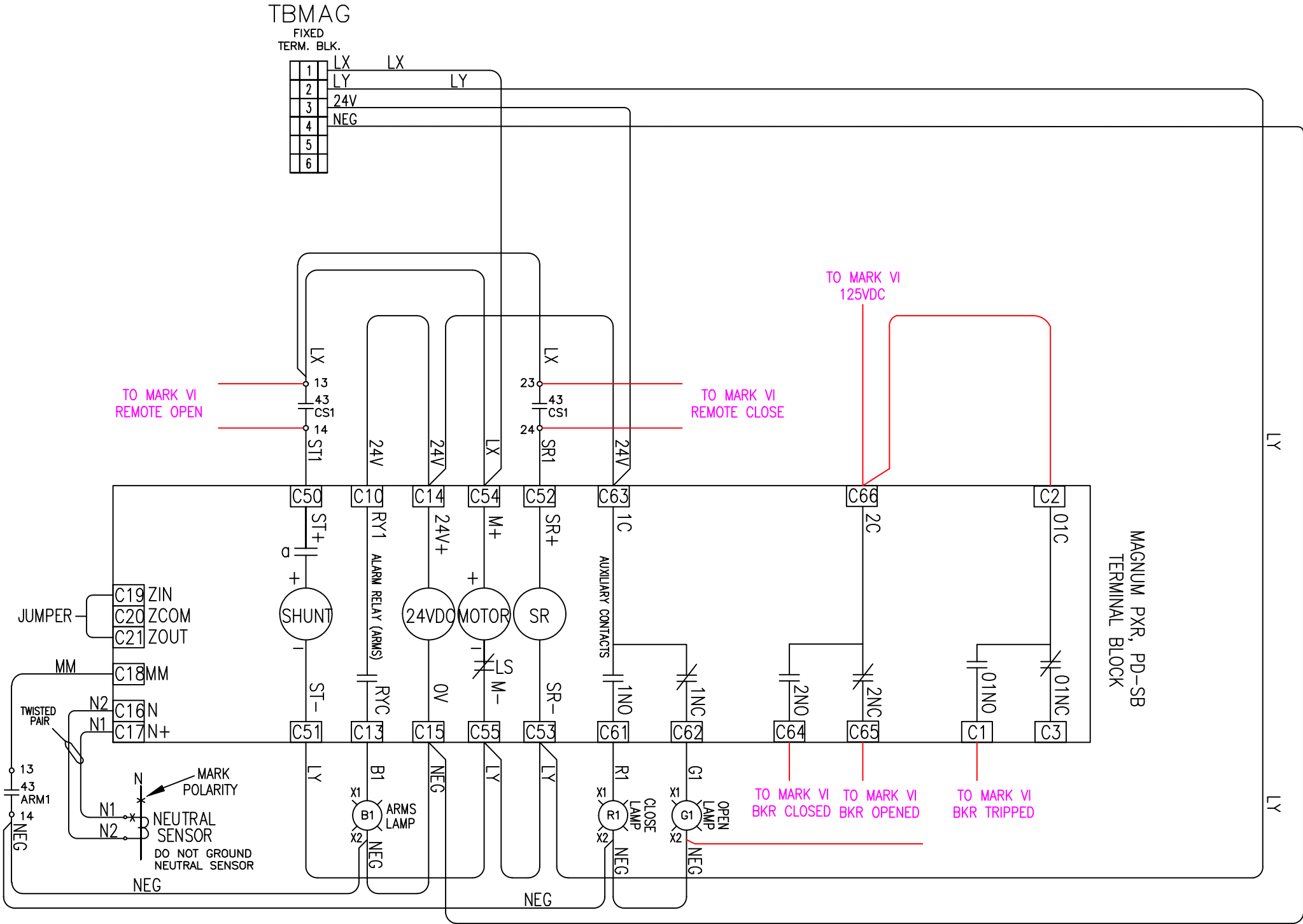
STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
BREAKER 4A



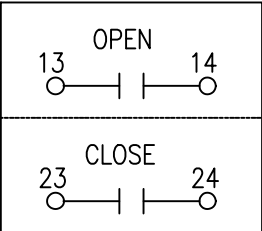
BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO

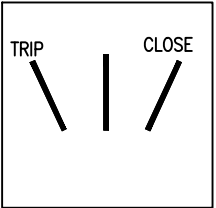
UNIT:	-
PD NO:	-
GEMS:	-
SCALE:	-
PWO NO:	-
DWG NO:	-



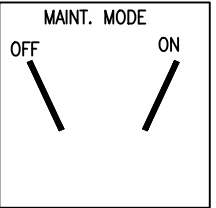
REAR VIEW



CS FRONT VIEW



ARMS FRONT VIEW



BREAKER CONTROL SWITCH DETAIL

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EATON DWG: S00URJ2-S2

CONTROL NUMBER: XXXXXXX

REV No.	DRWN BY	DATE	DESCRIPTION	APPR BY
B	SB	-----	MARK VI TERMINATIONS	JD
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD

DRAWING TITLE:

STANDBY DIESEL GENERATOR  
SWITCHBOARD BREAKER CONTROLS  
BREAKER 5A

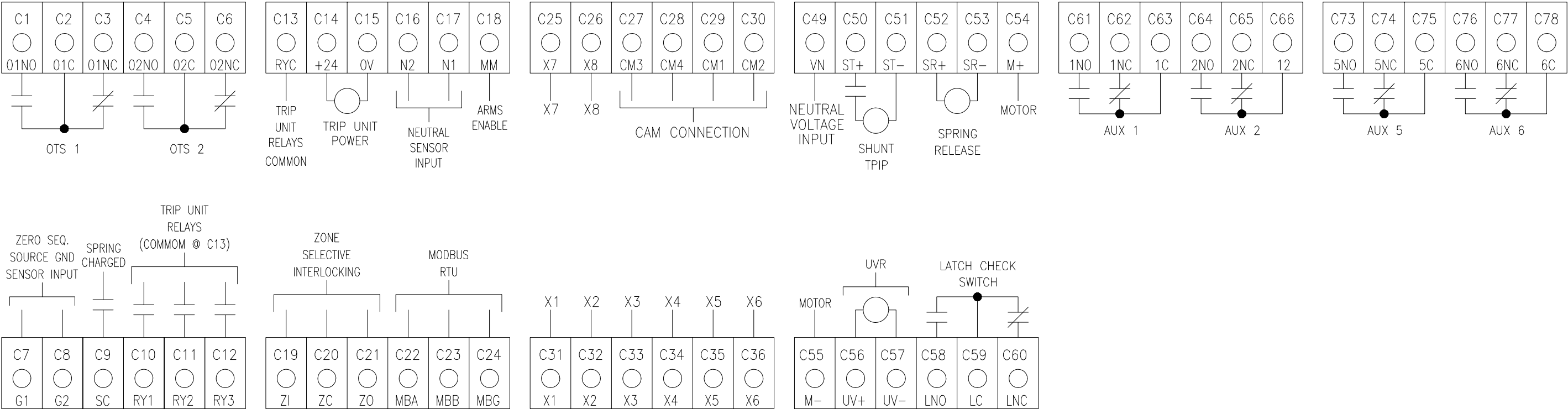


BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO


UNIT: -  
PD NO: -  
GEMS: -  
SCALE: -  
PWO NO: -  
DWG NO: -

MAGNUM PXR BREAKER  
SECONDARY TERMINAL BLOCKS

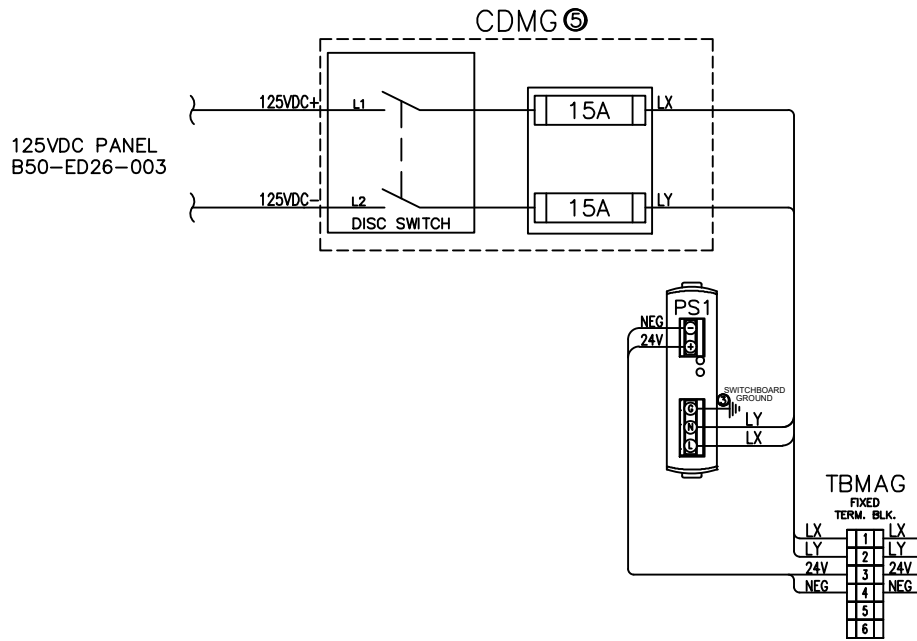


EATON DWG: S00URJ2-S1

CONTROL NUMBER: XXXXXXX

					DRAWING TITLE:  STANDBY DIESEL GENERATOR SWITCHBOARD MAGNUM BREAKER TERMINAL BLOCK LAYOUT	 BRANDY BRANCH GENERATING STATION	UNIT: -
							PD NO: -
							GEMS: -
							SCALE: -
B	SB	-----	MARK VI TERMINATIONS	JD		CONTRACTOR NAME AND LOGO	PWO NO: -
A	SB	9/26/24	COPY OF VENDOR DRAWING	JD			DWG NO: -
REV No.	DRWN BY	DATE	DESCRIPTION	APPR BY			-

LJV0034143-001  
CONTROL POWER CONNECTIONS



DEVICE LIST

QTY	DESCRIPTION	STYLE #
1	CD1 CONTROL DISC SWITCH	CCP2-2-30CC
3	FUSE 15A CC	FNQ-R-15
1	PS1: 24V POWER SUPPLY	PSL60E24RP-A1
	3-POINT TERMINAL BLOCK	TBAT3
	MOUNTING RAIL	TMR12

SWITCHGEAR  
SECTION  
NUMBER

SECTION 1

SECTION 2

SECTION 3

SECTION 4

MAIN  
SPS-620  
PXR20

FEEDER  
SPS-608  
PXR20

FEEDER  
SPS-608  
PXR20

FEEDER  
SPS-608  
PXR20

FEEDER  
SPS-608  
PXR20

FEEDER  
SPS-608  
PXR20

FEEDER  
SPS-608  
PXR20

EATON DWG: S00URJ2-S2

CONTROL NUMBER: XXXXXXXX

REV No.	DRWN BY	DATE	DESCRIPTION	APPR BY
B	SB	10/7/24	CONNECTION TO DC PANEL	JD
A	SB	9/26/24	COPY OF VENDOR DWG	JD

DRAWING TITLE:

STANDBY DIESEL GENERATOR  
SWITCHBOARD CONTROL AND  
AUXILIARY POWER



BRANDY BRANCH  
GENERATING  
STATION

CONTRACTOR NAME AND LOGO

UNIT: -  
PD NO: -  
GEMS: -  
SCALE: -  
PWO NO: -  
DWG NO: -



# B50 CONTROL BATTERY AND PANEL

PANELBOARD	B51-ED26-003	
	PURCHASE CONTRACT	: 71.1000
	INSTALL CONTRACT	: 71.0000
	VOLTAGE	: 125VDC
	MAIN LUG OR BKR	: LUG
	PANEL AMPERE RATING	: 600
	MAIN LOCATION	: TOP
	ENCLOSURE	: NEMA 12
	CIRCUIT BKR	: 10,000
	INTERUPTING CAP (DC AMP)	

125V DC UNIT  
BATTERY  
B50-ED26-002

LOCATION: SHARED SERVICES BUILDING  
ATT ROUND CELLS 1600AH INSTALLED:

125V DC UNIT  
POWER PANEL  
B50-ED26-003

LOCATION: ELECTRICAL CONTROL BUILDING

4.16KV SWITCHGEAR  
B50-EF21-001A(SECTION 1)  
LOCATION: CONTROL/SHARED  
SERVICES BLDG.

4.16KV SWITCHGEAR  
B50-EF21-001B(SECTION 2)  
LOCATION: CONTROL/SHARED  
SERVICES BLDG.

480V SECONDARY UNIT SUBSTATION  
B50-EF21-002A(SECTION 1 - REAR)  
LOCATION: OUTDOOR UNIT

480V SECONDARY UNIT SUBSTATION  
B50-EF21-002B(SECTION 8 - REAR)  
LOCATION: CONTROL/SHARED  
SERVICES BLDG.

SSOC RTU CABINET  
B50-EA26-008  
LOCATION: CONTROL/SHARED  
SERVICES BLDG.

BATTERY CHARGER 1  
B50-EB26-012A  
LOCATION: CONTROL/ELECT. BLDG.

BATTERY CHARGER 2  
B50-EB26-012B  
LOCATION: SHARED SERVICES BLDG.

B50-EA27-001  
MARK VI BOP

ISOLATION TRANSFORMER  
B50-JR29-001B  
LOCATION: OUTDOOR UNIT

ISOLATION TRANSFORMER  
B50-JR29-001A  
LOCATION: OUTDOOR UNIT

INVERTER  
B50-EB26-012  
LOCATION: SHARED SERVICES BLDG.

POWERCON 89MD

COMMUNICATION PANEL  
B50-EA26-007  
LOCATION: SHARED SERVICES BLDG.

REFERENCE DRAWINGS:

120-15KNT-120-1 CHARGER SCHEMATIC JEA FILE NAME: 5-c5067-0001  
#4196D01A (MASTER) (CUSTOM POWER INC.)

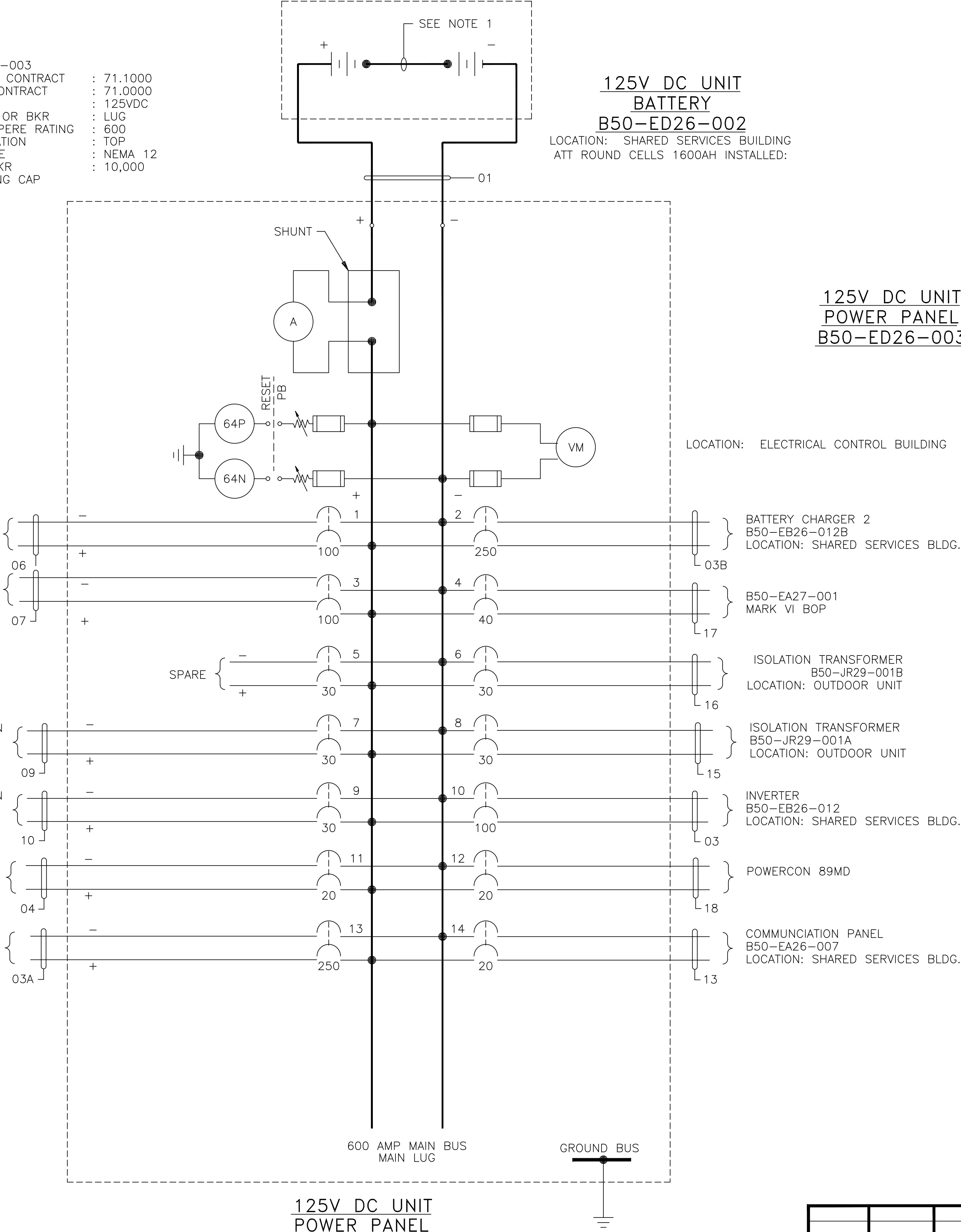
120-15KNT-120-1 CHARGER SCHEMATIC JEA FILE NAME: 5-c5068-0001  
#4196D01B (SLAVE) (CUSTOM POWER INC.)


120-15KNT-120-1      UPS OUTLINE JEA FILE NAME: 5-c5066-0001  
#4196D010      (CUSTOM POWER INC.)

B641E1E-0XXX.001    B50 CONTROL CHARGERS

B646E1E-0XXX.001    B50 INVERTER

B646E1E-0XXX.002    B50   UPS   PANEL



					B50 DC CONTROL	<div><div>JEA Building Community</div></div>	JEA PWO: 39627707
							AMETEK PROJ No: 94002268
0	BDB	APR / 9 / 2021	B50 DC PANEL	BDB	-		SCALE: NONE
REV NO.	DRWN BY	DATE	DESCRIPTION	APPR BY			SHEET No: 1 of 1
							DWG. NO: B641E1E-0XXX.002