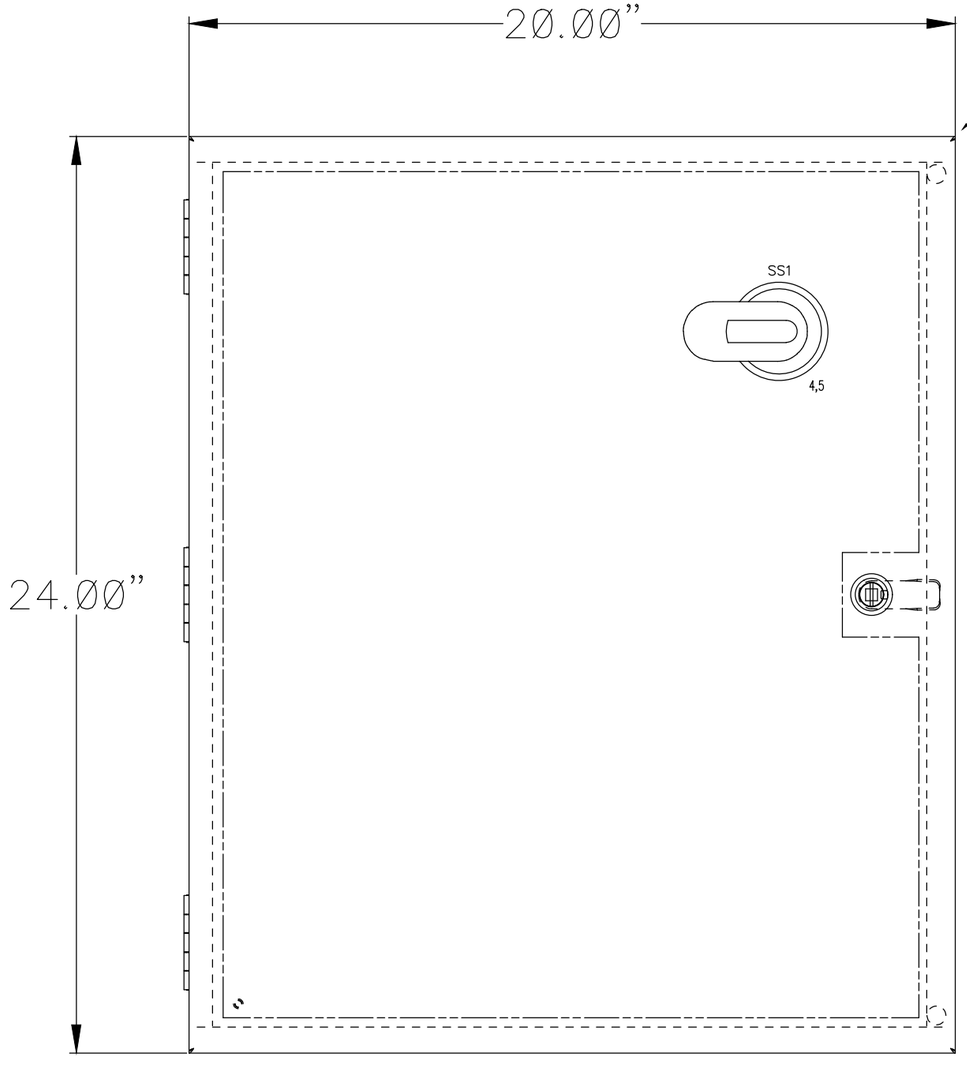

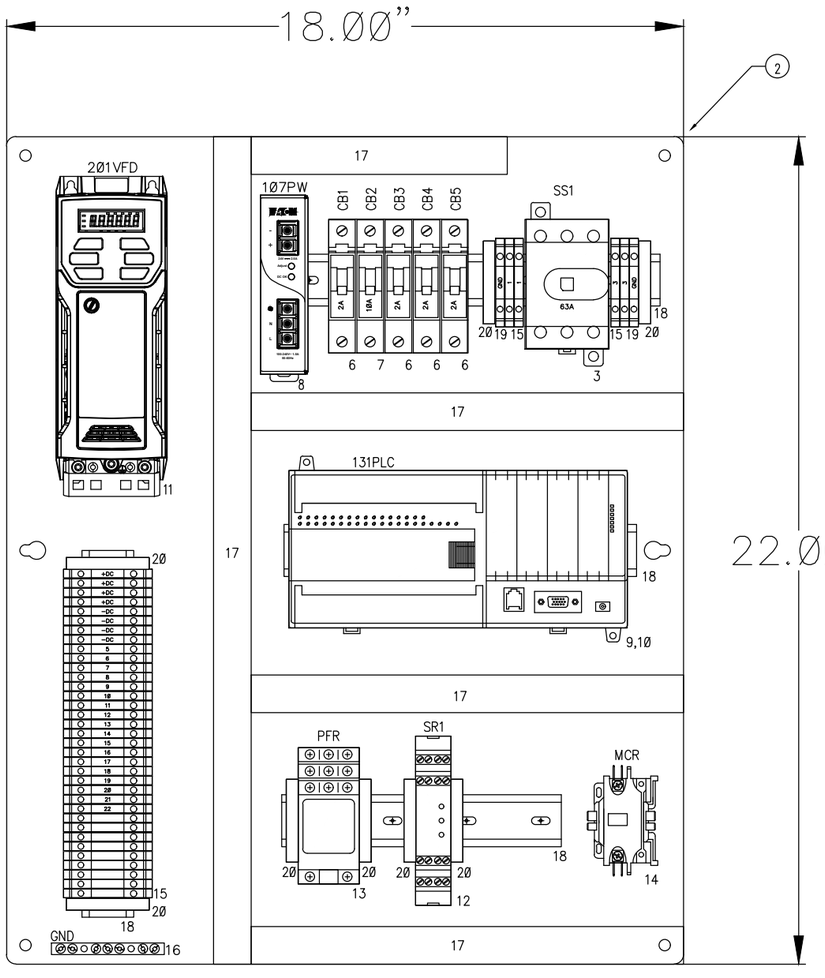

Control Systems, Inc.
391 INDUSTRIAL PARK
MONTEVALLO, ALABAMA 35115
PHONE: (205) 679-4000 FAX: (205) 679-4274

NO.	REVISION	DATE
A	RECORD DRAWINGS	3/5/21
1	FOR CONSTRUCTION	2/10/21

CUSTOMER:
SAVR, INC.

PROJECT:
DOOR OPERATOR
PANEL 10483

JOB NO. 210060	DATE: 2/10/21
DRAWN BY: JHM	SCALE:
CHECKED BY:	SHEET NO. 1/4
DRAWING NO. 210060A01	

BILL OF MATERIAL

ITEM	QTY	MFG	CATALOG	DESCRIPTION
1	1	SCE	SCE 24N2008LP	ENCLOSURE, 24"H X 20"W X 8"D, SINGEL DOOR, NEMA 1
2	1	SCE	SCE 24N20MP	SUBPANEL FOR NEMA 1 ENCLOSURE, 22"H X 18"W
3	1	ABB	OT63F3/B	DISCONNECT SWITCH, 63A, 600V, 3P
4	1	ABB	OHB65J6	HANDLE, PISTOL GRIP
5	1	ABB	OXP6X430	SHAFT, 430MM LENGTH
6	4	EATON	FAZ-C2/1-SP	CIRCUIT BREAKER 1 POLE, 2A, C CURVE
7	1	EATON	FAZ-C10/1-SP	CIRCUIT BREAKER 1 POLE, 10A, C CURVE
8	1	EATON	PSG60E	POWER SUPPLY, 120/240VAC - 24VDC, 2.5A
9	1	AUTOMATIONDIRECT	D0-06DR	DL06 SERIES MICRO PLC, 120VAC POWERED, 20 DIG IN, 16 RELAY OUT
10	1	AUTOMATIONDIRECT	D0-06LCD	DL06 SERIES PLC INTERFACE, PLC MOUNT LCD DISPLAY
11	1	CONTROL TECHNIQUES	M200-021 00056A	VFD, 1.5HP, 115V 1P IN, 230V 3P OUT
12	1	TAPESWITCH	PRSU/4	SAFETY INTERFACE CONTROLLER, 24VDC
13	1	FINDER	62.33.8.120.0050	CONTROL RELAY, 120V, 3PDT, IND LIGHT, 11 BLADE, 10A
	1	FINDER	92.03.0	RELAY BASE, 11 BLADE, DIN RAIL MOUNT
14	1	EATON	C25ANB130A	CONTACTOR, DEF PURPOSE, 1 POLE, 30A, 110-12V COIL
15	35	PHEONIX	3044102	STANDARD DESIGN TERMINAL BLOCK - WDU 4
16	1	SQUARE D	PK7GTA	GROUND BAR, 7 POSITION
17	A/N	THOMAS & BETTS	TY1X3NPB6	WIRE DUCT, THIN FINGER, BLACK, 1" X 3"
18	A/N	PHOENIX	0801733	STEEL DIN RAIL/SILVER; SLOTTED 35mm; 7.5mm
19	2	PHOENIX	3044128	TERMINAL BLOCK, GROUND, UT4-PE, 26-10AWG, 67.2MM, G-Y
20	11	PHOENIX	0800886	TERMINAL END CLAMP, E/NS35N, 9.5MM, GRAY
21	3	PHOENIX	3047028	UT4 TERMINAL END COVER

TERMINAL BLOCK LAYOUT

+DC
+DC
+DC
+DC
-DC
-DC
-DC
-DC
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

GND	1	1

3	3	GND

LOCATED BY INCOMING SWITCH

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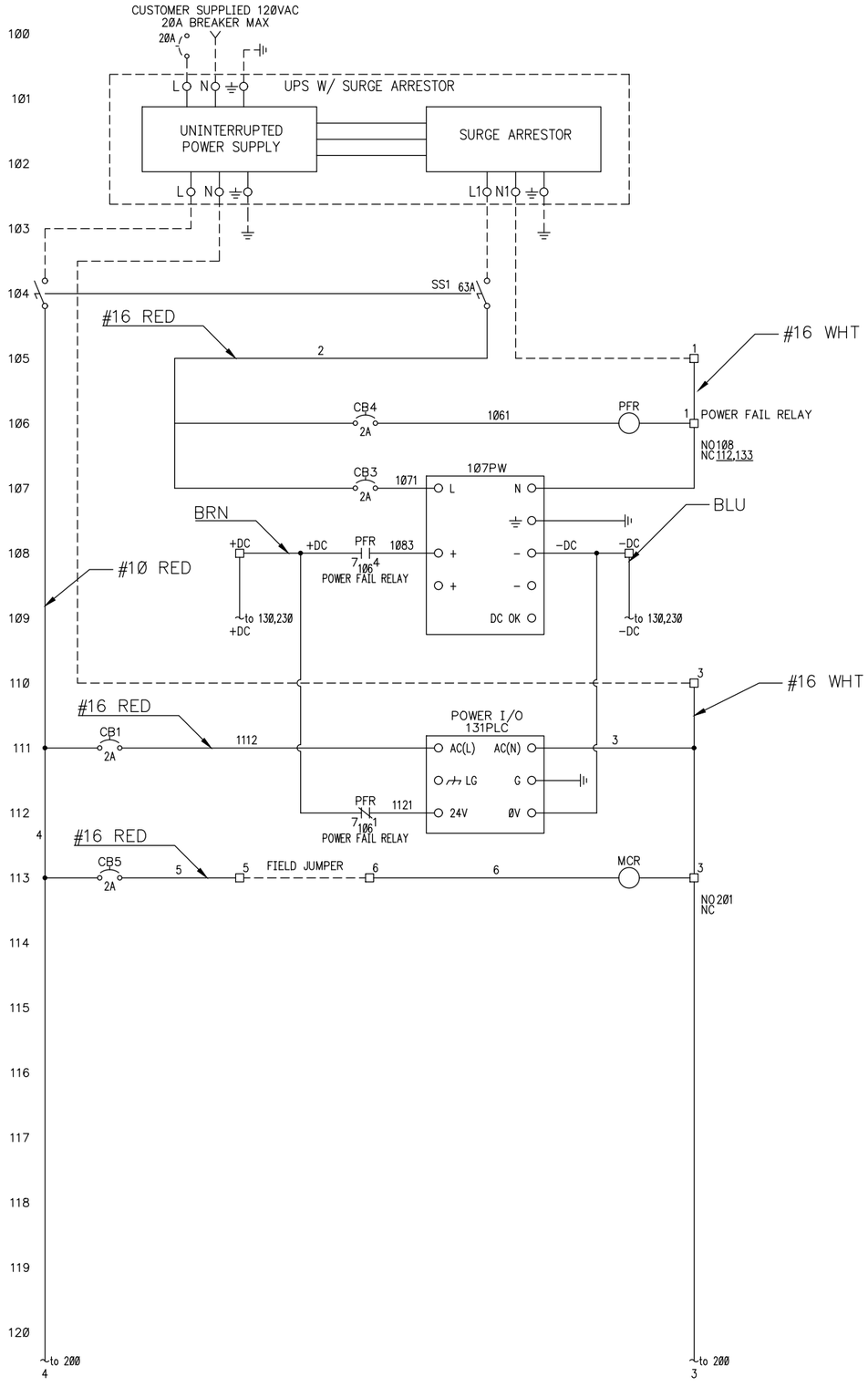
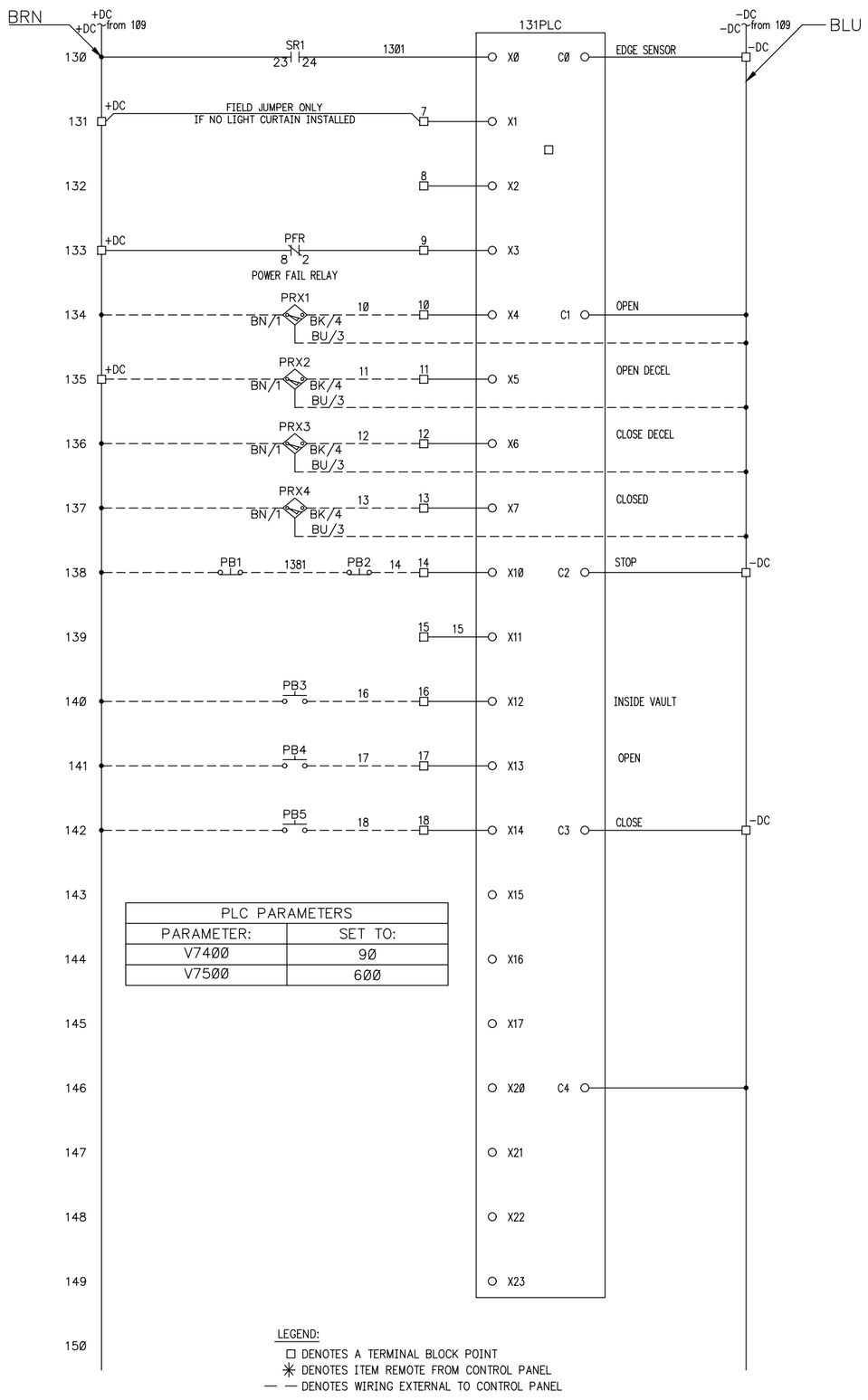
CUSTOMER:
SAVR, INC.

PROJECT:
DOOR OPERATOR
PANEL 10483

JOB NO. 210060	DATE: 2/10/21
DRAWN BY: JHM	SCALE:
CHECKED BY:	SHEET NO. 2 / 4
DRAWING NO. 210060A02	





PLC PARAMETERS	
PARAMETER:	SET TO:
V7400	90
V7500	600

LEGEND:
- □ DENOTES A TERMINAL BLOCK POINT
- ✳ DENOTES ITEM REMOTE FROM CONTROL PANEL
- — — DENOTES WIRING EXTERNAL TO CONTROL PANEL

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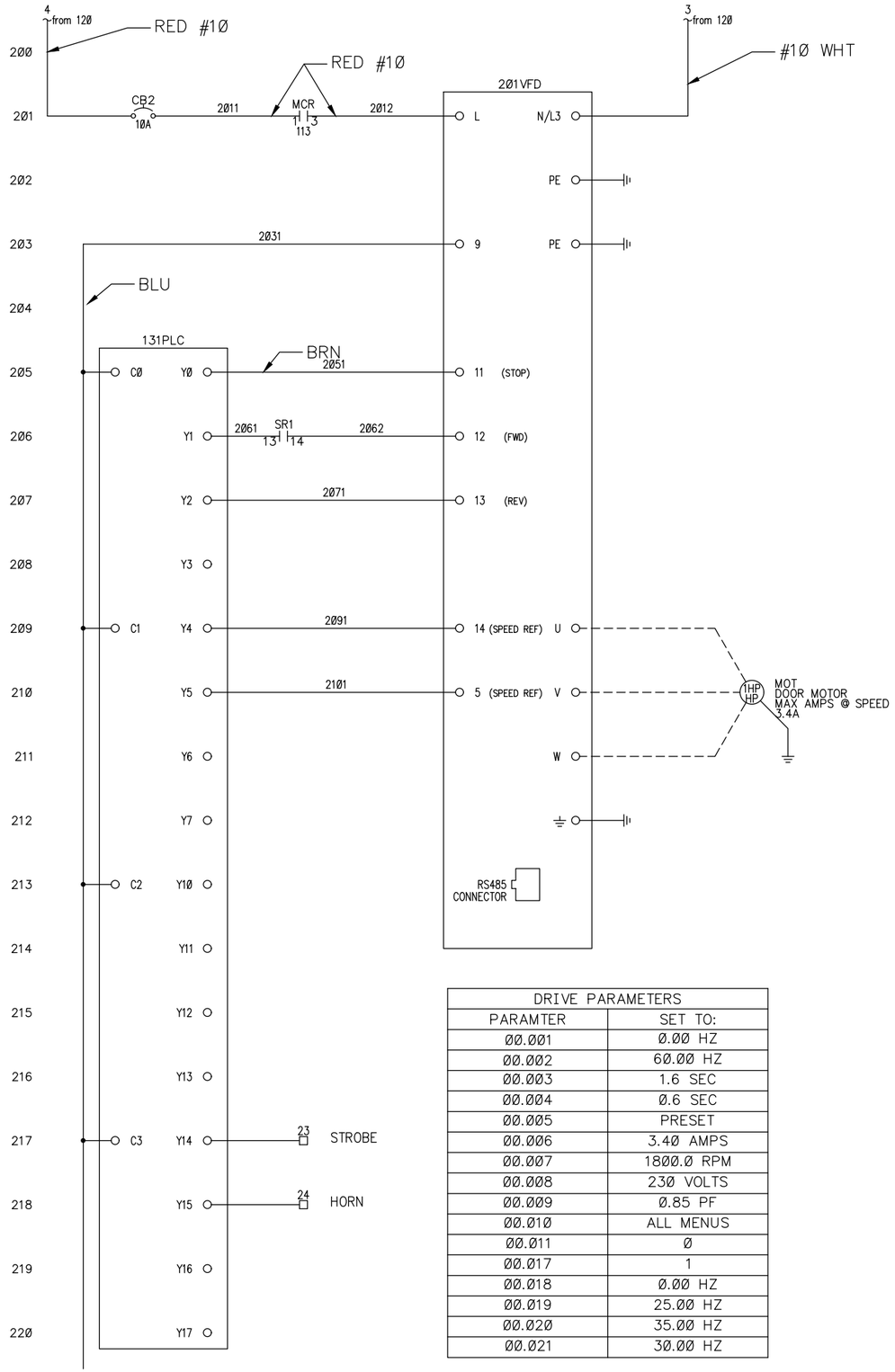
1	FOR CONSTRUCTION	2/10/21

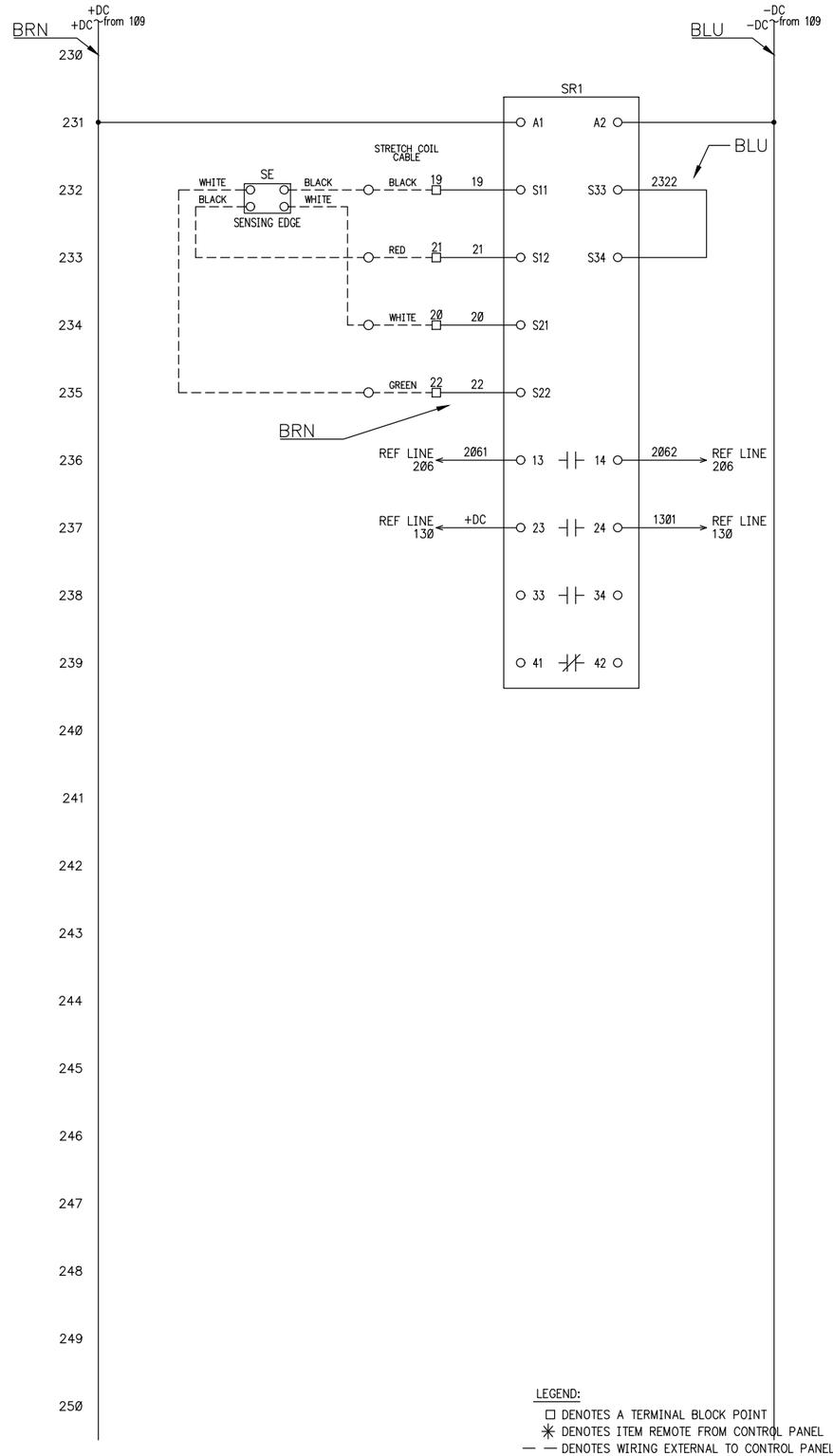
CUSTOMER:
SAVR, INC.

PROJECT:
DOOR OPERATOR
PANEL 10483

JOB NO. 210060	DATE: 2/10/21
DRAWN BY: JHM	SCALE:
CHECKED BY:	SHEET NO. 3/4
DRAWING NO. 210060A03	



DRIVE PARAMETERS	
PARAMTER	SET TO:
ØØ.ØØ1	Ø.ØØ HZ
ØØ.ØØ2	6Ø.ØØ HZ
ØØ.ØØ3	1.6 SEC
ØØ.ØØ4	Ø.6 SEC
ØØ.ØØ5	PRESET
ØØ.ØØ6	3.4Ø AMPS
ØØ.ØØ7	18ØØ.Ø RPM
ØØ.ØØ8	23Ø VOLTS
ØØ.ØØ9	Ø.85 PF
ØØ.Ø1Ø	ALL MENUS
ØØ.Ø11	Ø
ØØ.Ø17	1
ØØ.Ø18	Ø.ØØ HZ
ØØ.Ø19	25.ØØ HZ
ØØ.Ø2Ø	35.ØØ HZ
ØØ.Ø21	3Ø.ØØ HZ



LEGEND:
- □ DENOTES A TERMINAL BLOCK POINT
- ✳ DENOTES ITEM REMOTE FROM CONTROL PANEL
- — — DENOTES WIRING EXTERNAL TO CONTROL PANEL

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NO.	REVISION	DATE
A	RECORD DRAWINGS	3/5/21
1	FOR CONSTRUCTION	2/1Ø/21

CUSTOMER:
SAVR, INC.

PROJECT:
DOOR OPERATOR
PANEL 1Ø483

JOB NO. 21ØØ6Ø	DATE: 2/1Ø/21
DRAWN BY: JHM	SCALE:
CHECKED BY:	SHEET NO. 4 / 4
DRAWING NO. 21ØØ6ØA04	