

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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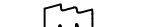
# ELECTRICAL SCHEMATICS

## SWOISH FARM GRAIN CONTROL

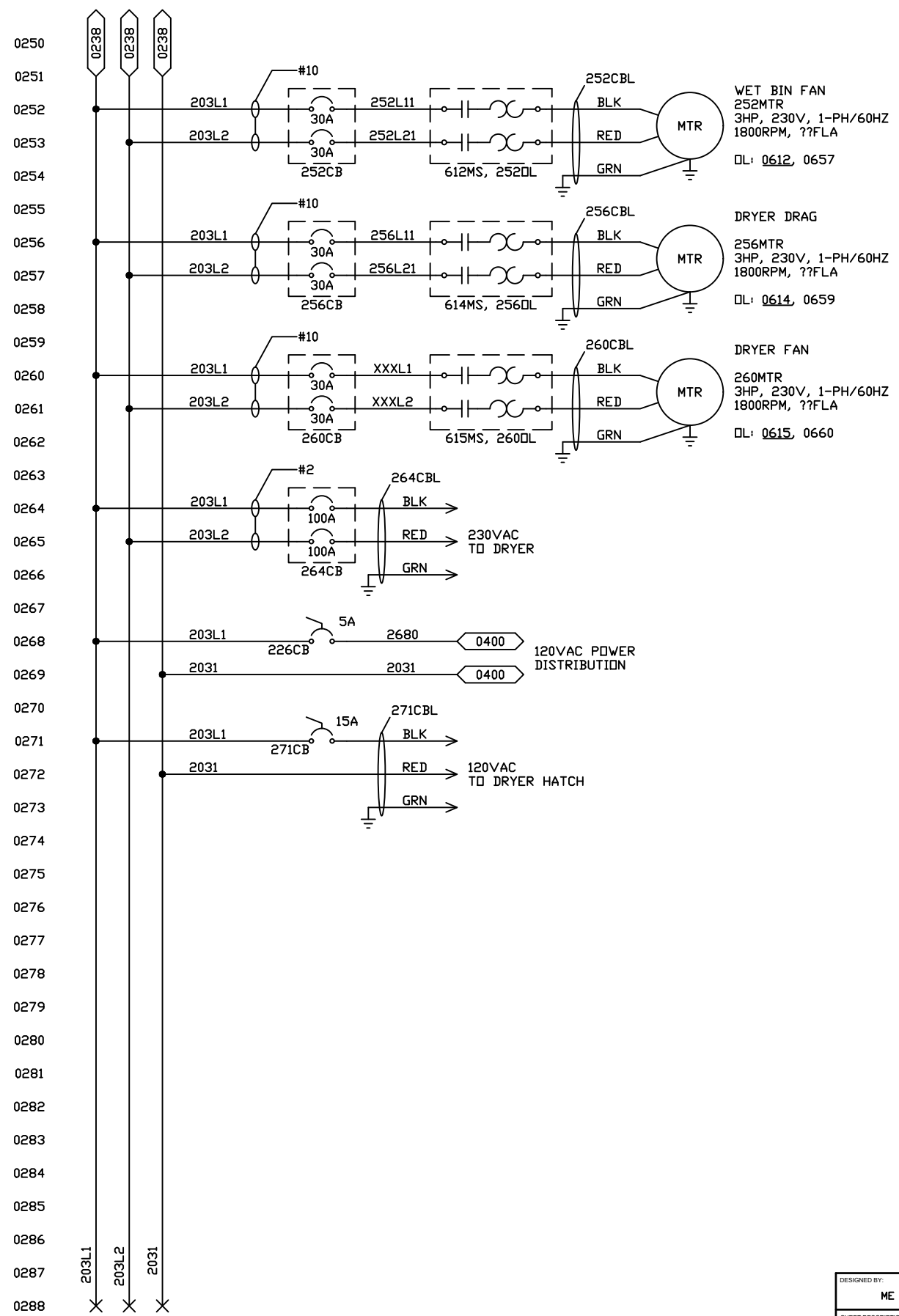
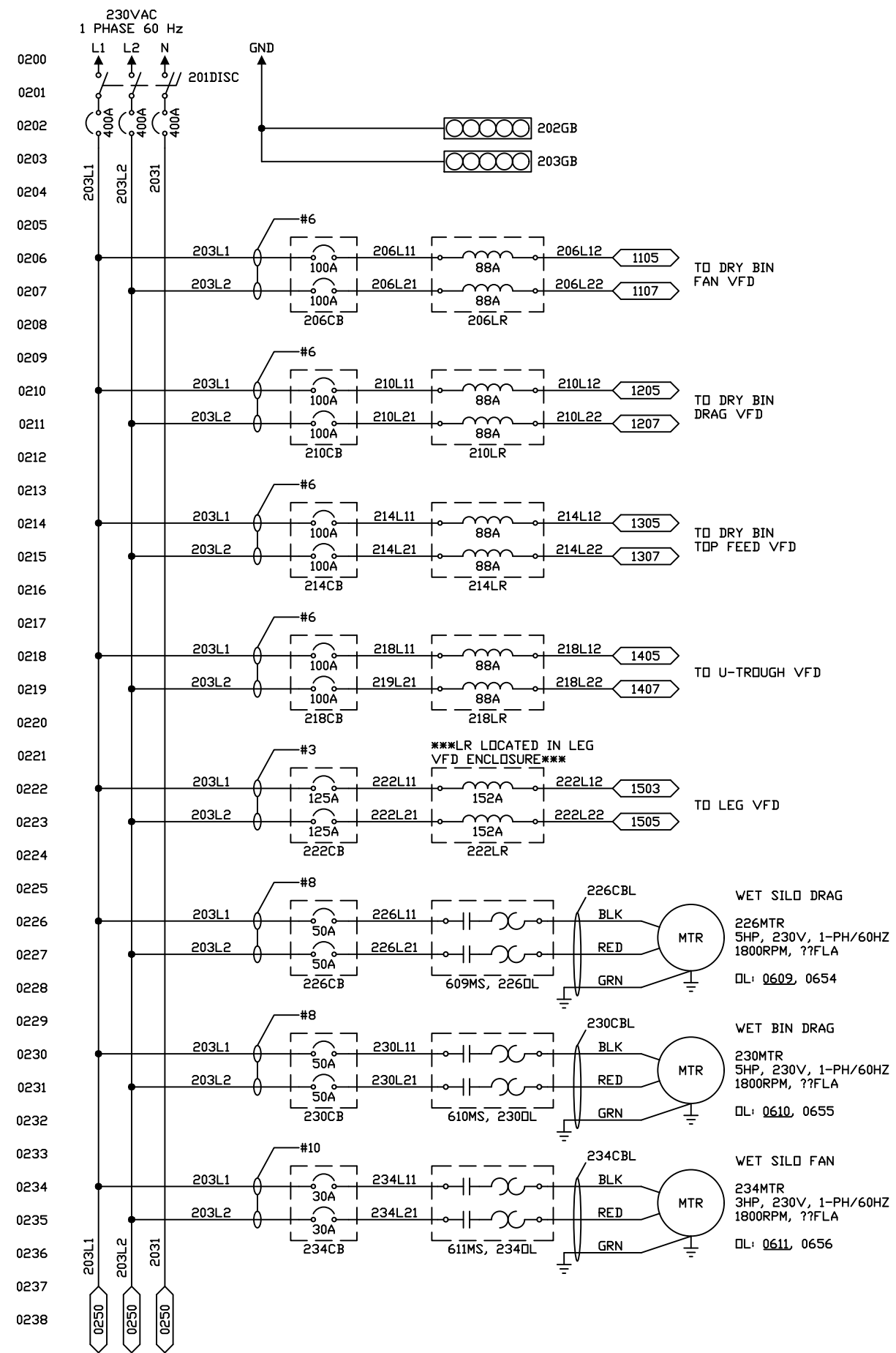
SHT #	DESCRIPTION	DWG #
00	INDEX	ME21000E00
01	SPARE	ME21000E01
02	230VAC POWER DISTRIBUTION	ME21000E02
03	SPARE	ME21000E03
04	120VAC POWER DISTRIBUTION	ME21000E04
05	24VDC POWER DISTRIBUTION	ME21000E05
06	PLC, DI MODULE 1, 2	ME21000E06
07	SPARE	ME21000E07
08	DO MODULE 1	ME21000E08
09	AI MODULE 1	ME21000E09
10	SPARE	ME21000E10
11	DRY BIN FAN VFD	ME21000E11
12	DRY BIN DRAG VFD	ME21000E12
13	DRY BIN TOP FEED VFD	ME21000E13
14	U-TROUGH VFD	ME21000E14
15	LEG VFD	ME21000E15
16	SPARE	ME21000E16
17	SPARE	ME21000E17
18	PANEL LAYOUT	ME21000E18
19	ENCLOSURE LAYOUT	ME21000E19
20	BILL OF MATERIALS	ME21000E20

IF CONDUCTOR SIZE IS NOT NOTED, USE:


> 150VAC	#14 BLK THHN
< 150VAC LINE	#14 RED THHN
< 150VAC NEUTRAL	#14 WHT THHN
DC	#18 BLU THHN
DC COMMON	#18 WHT/BLU THHN

DESIGNED BY: ME		DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: SYSTEM LAYOUT			
MACHINE NAME: SWOISH FARM GRAIN CONTROL			
SHEET NUMBER: 01			DRAWING NO: ME21000E00
TOTAL NO. SHEETS: 21			

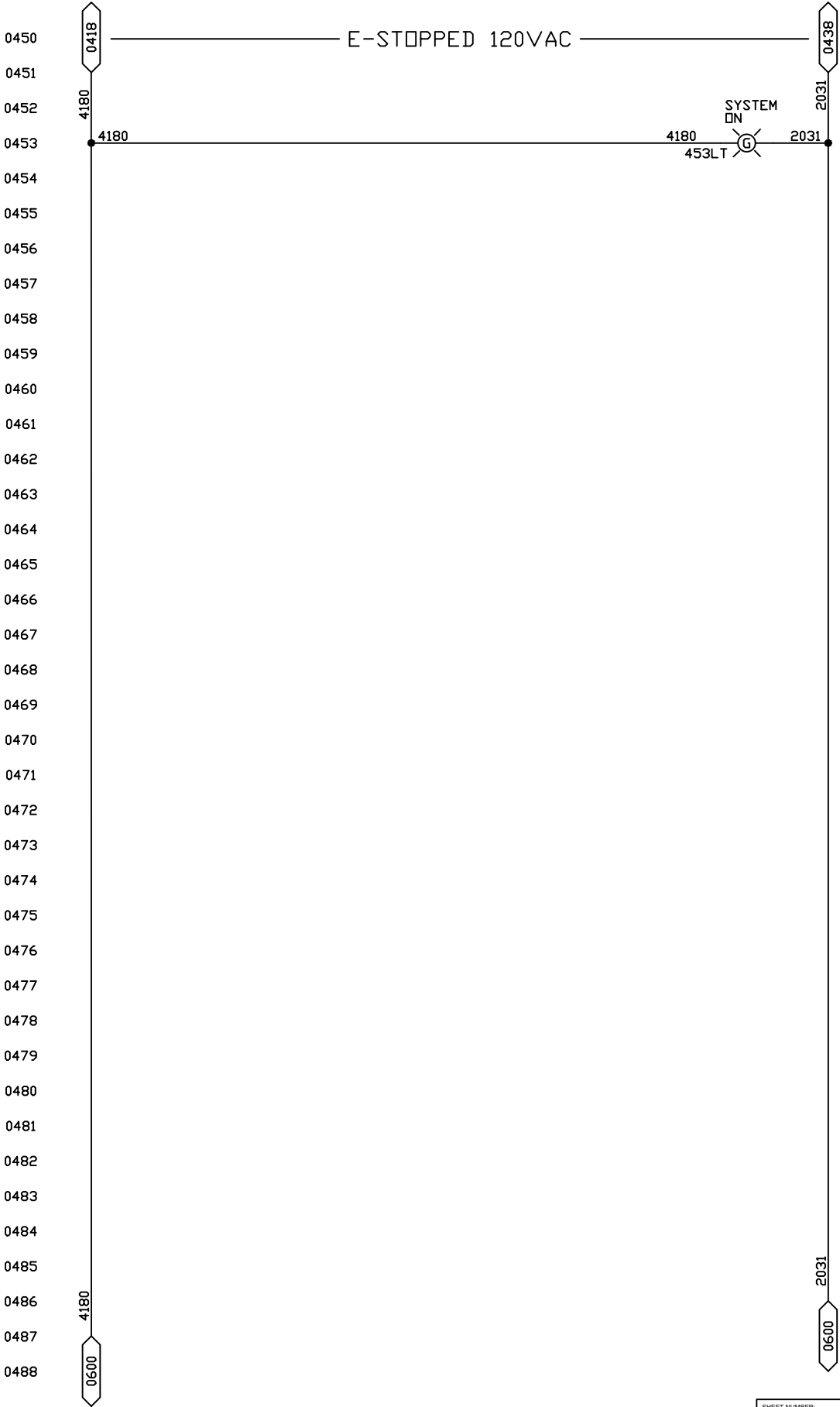
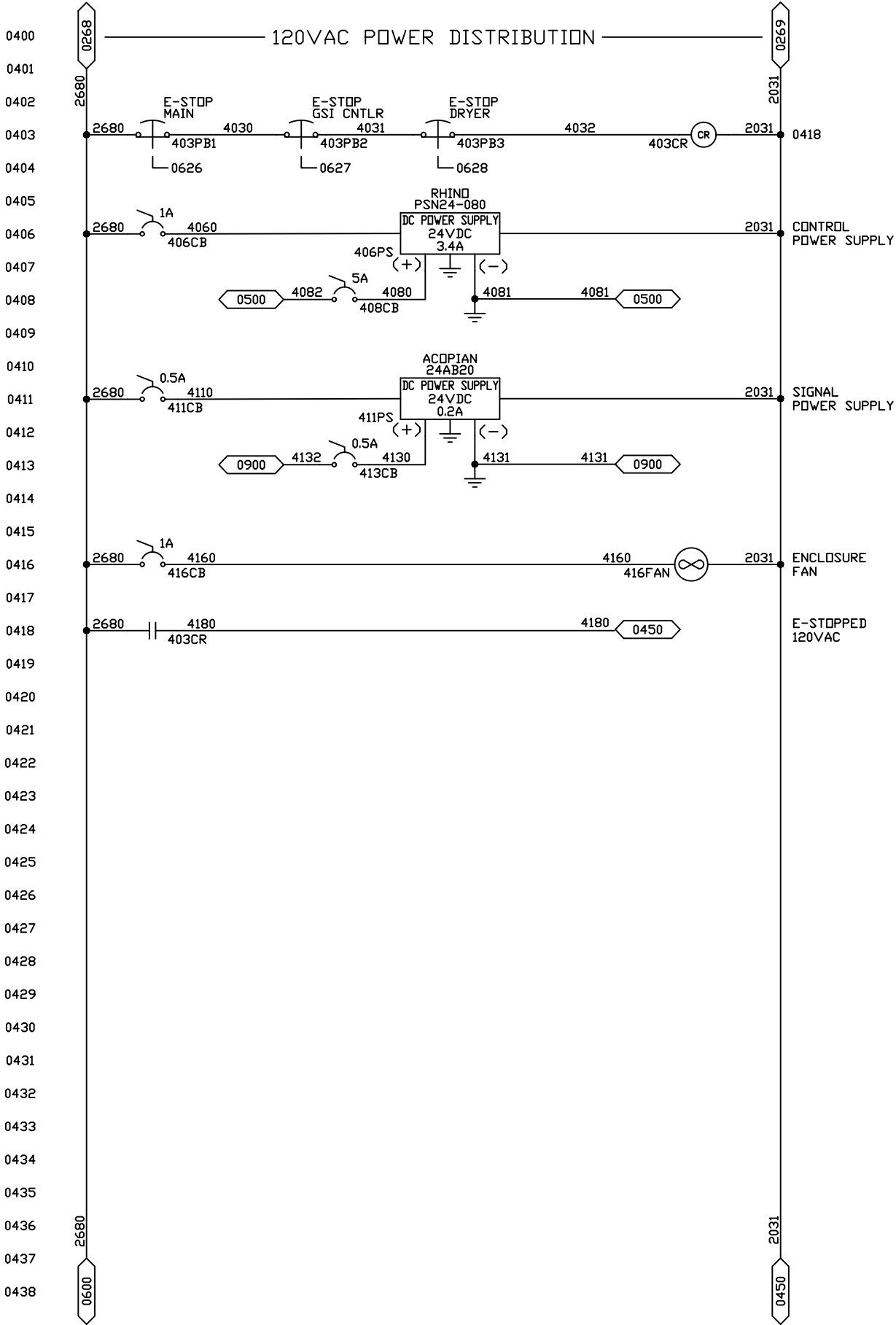
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	02
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828	 LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: 230VAC POWER DISTRIBUTION		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E02

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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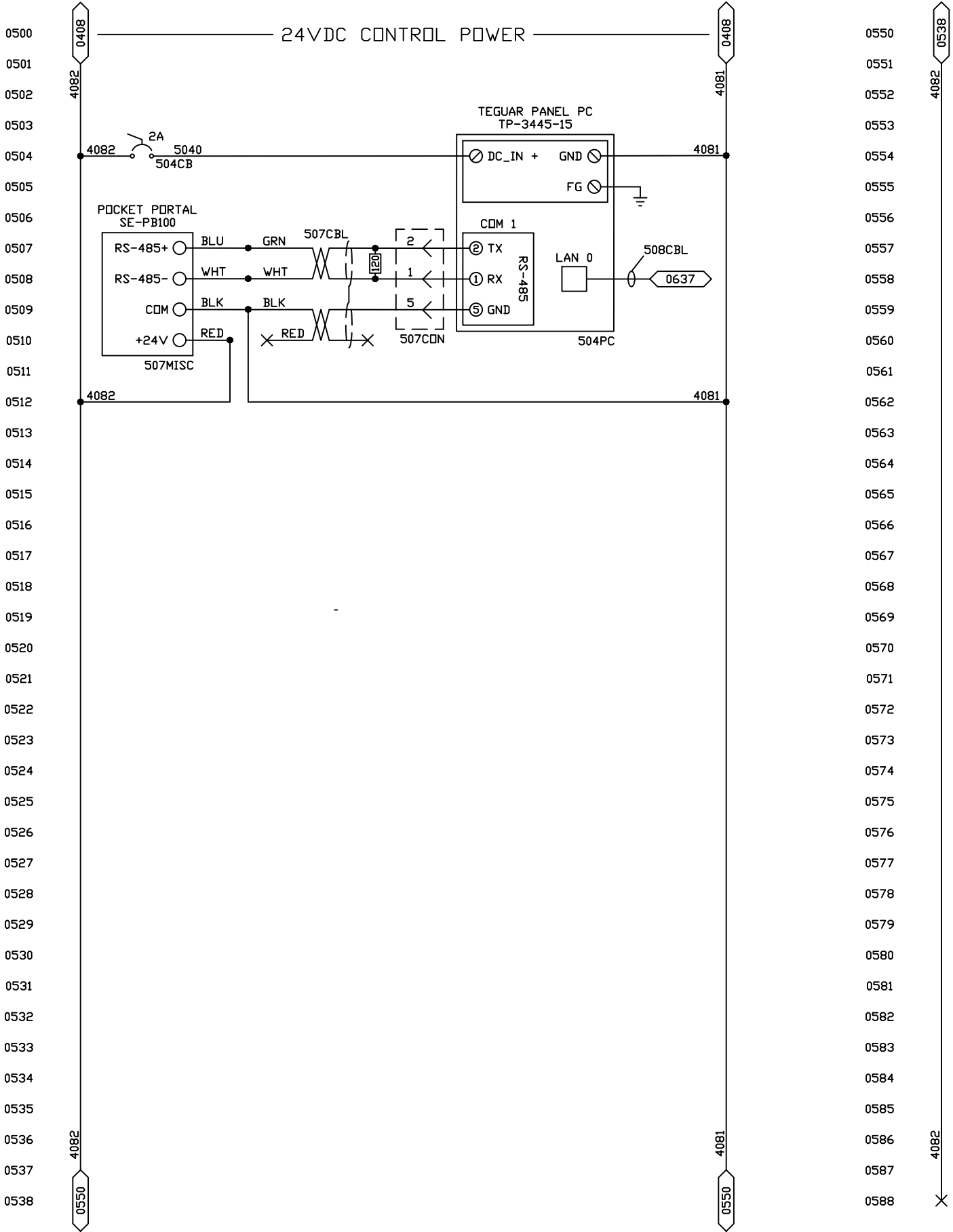



SHEET NUMBER:	04
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828
SHEET DESCRIPTION: 120VAC POWER DISTRIBUTION	
MACHINE NAME: SWDISH FARM GRAIN CONTROL	DRAWING NO: ME21000E04

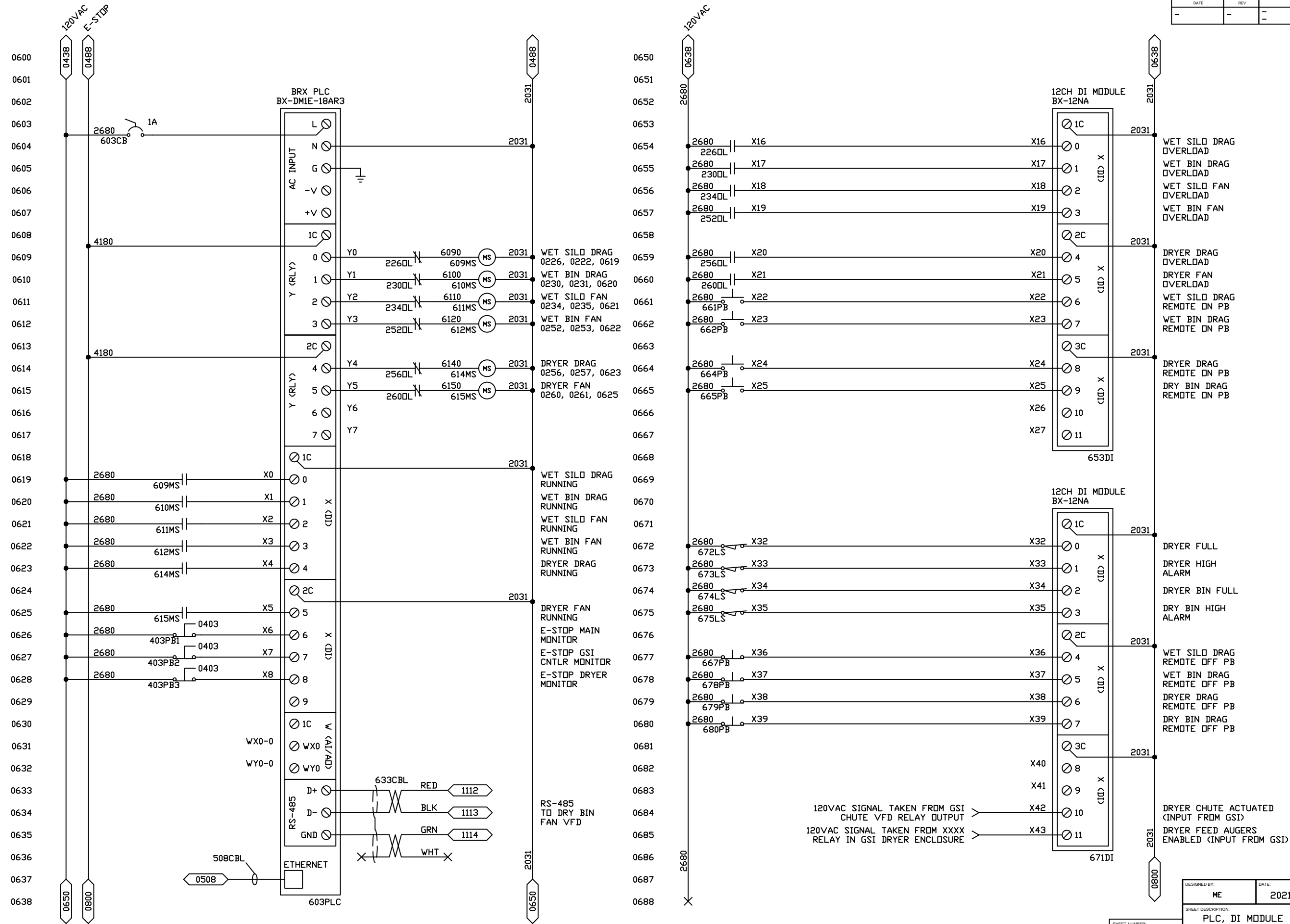


REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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<div>✕</div>	DESIGNED BY: ME	DATE: 20210828	<div> MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446</div>
	SHEET DESCRIPTION: 24VDC POWER DISTRIBUTION		
SHEET NUMBER: 05	MACHINE NAME: SWDISH FARM GRAIN CONTROL		DRAWING NO: ME21000E05
TOTAL NO. SHEETS: 21			

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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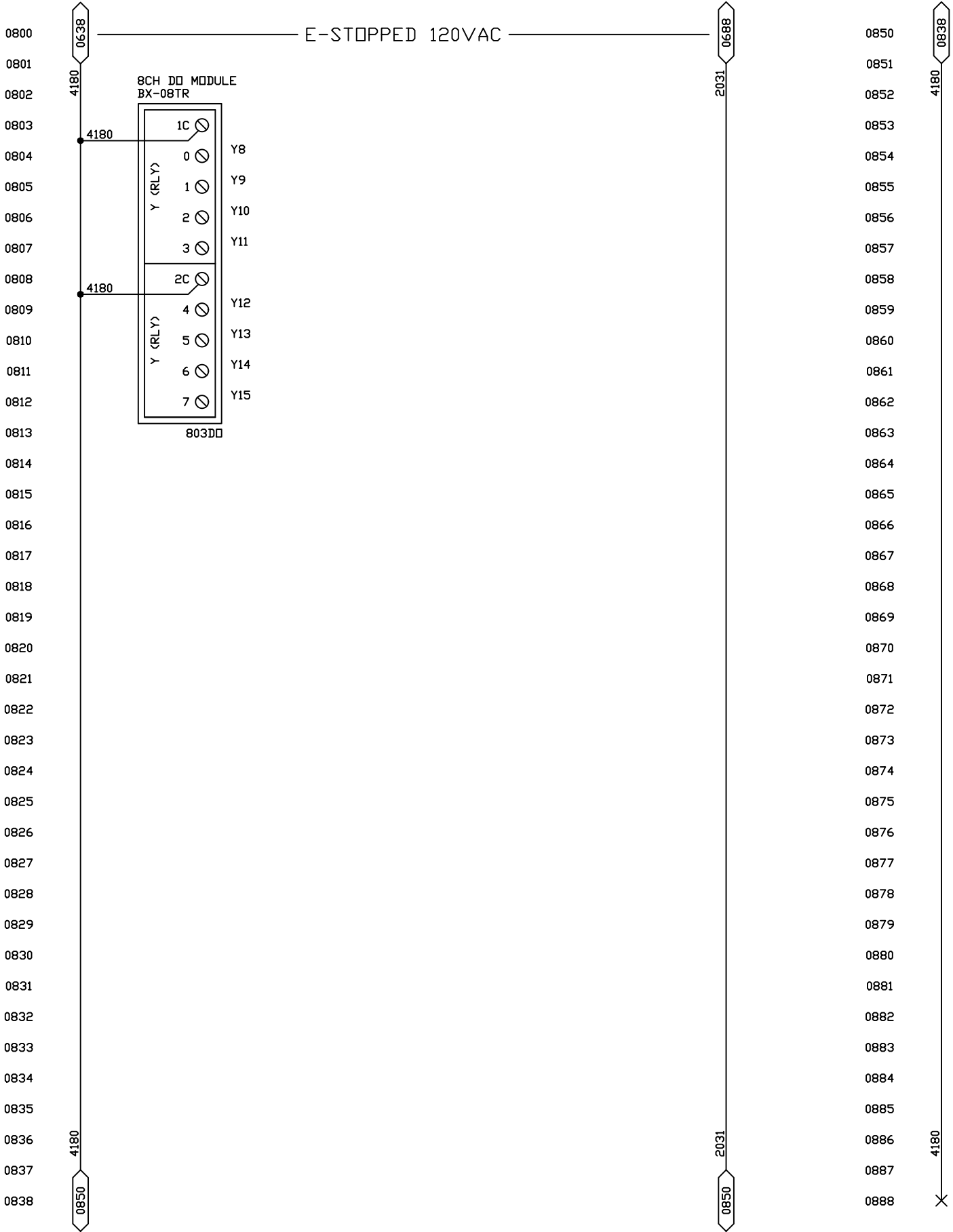


SHEET NUMBER:
06
TOTAL NO. SHEETS:
21

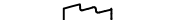
DESIGNED BY:	ME	DATE:	20210828
SHEET DESCRIPTION:	PLC, DI MODULE 1, 2		
MACHINE NAME:	SWDISH FARM GRAIN CONTROL		

 MYERS ELECTRIC LLC LAPEER, MICHIGAN 48446	
DRAWING NO:	ME21000E06

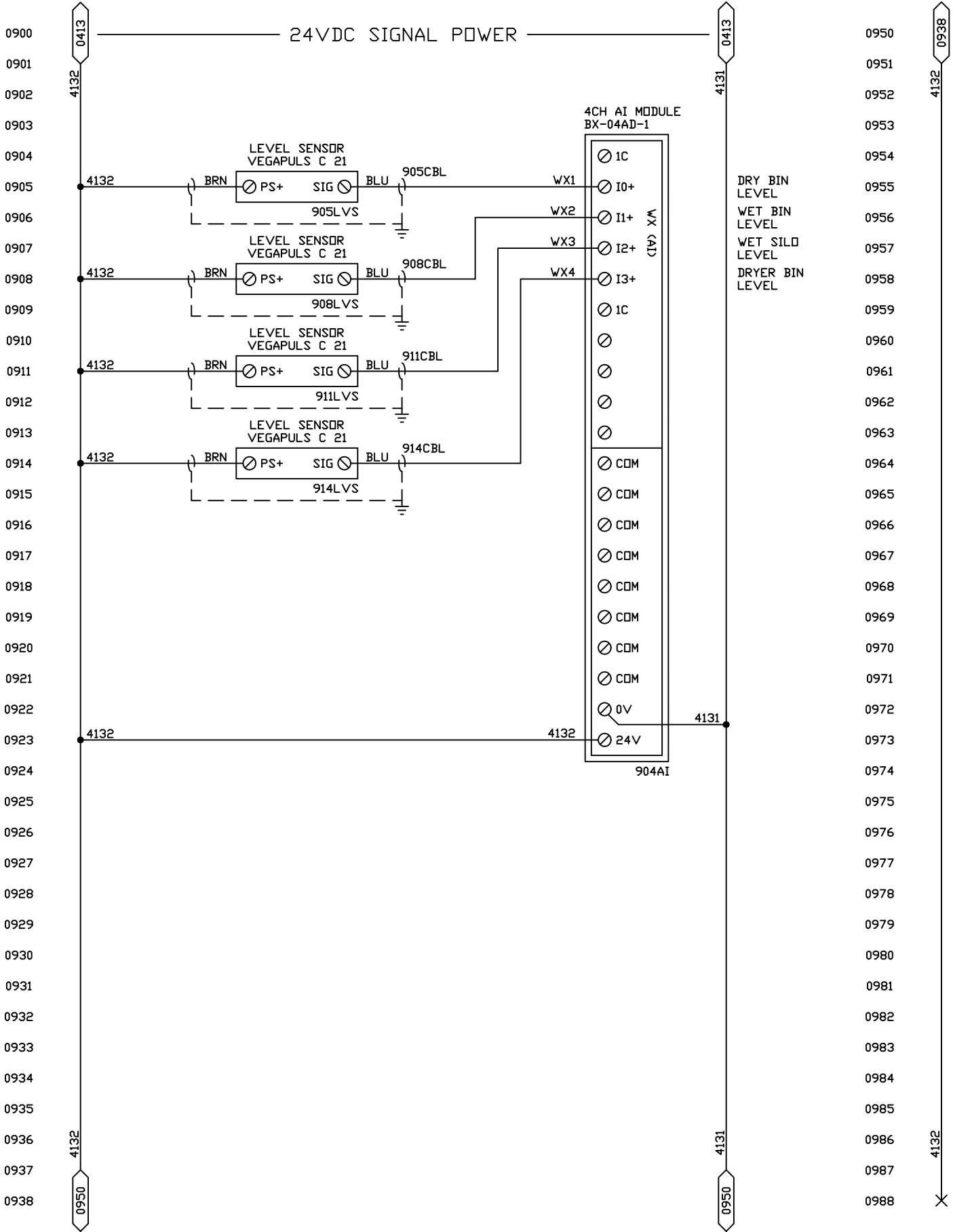
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	08
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: DO MODULE 1		
MACHINE NAME: SWDISH FARM GRAIN CONTROL		DRAWING NO: ME21000E08

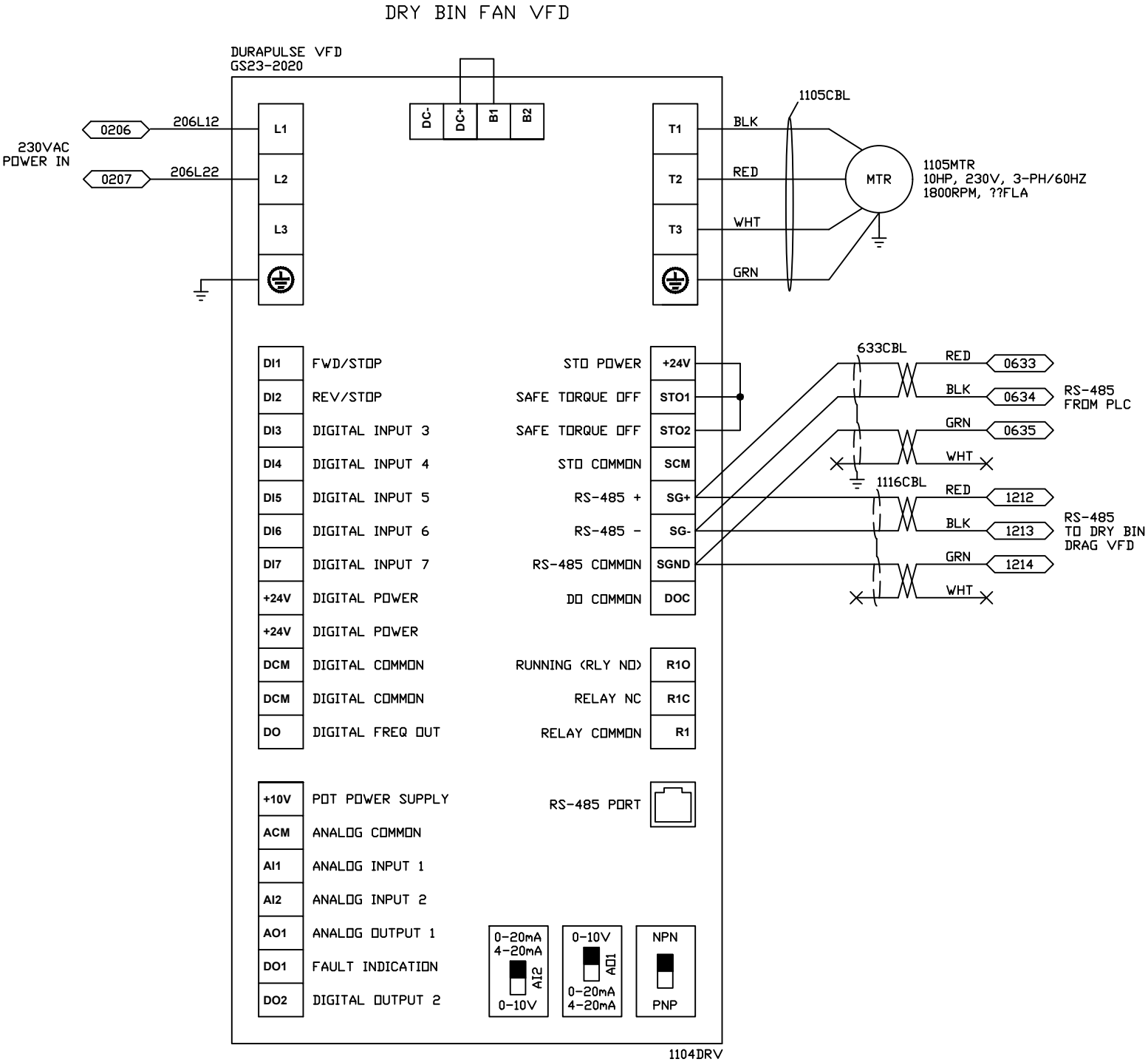
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	09
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: AI MODULE 1		
MACHINE NAME: SWDISH FARM GRAIN CONTROL	DRAWING NO: ME21000E09	

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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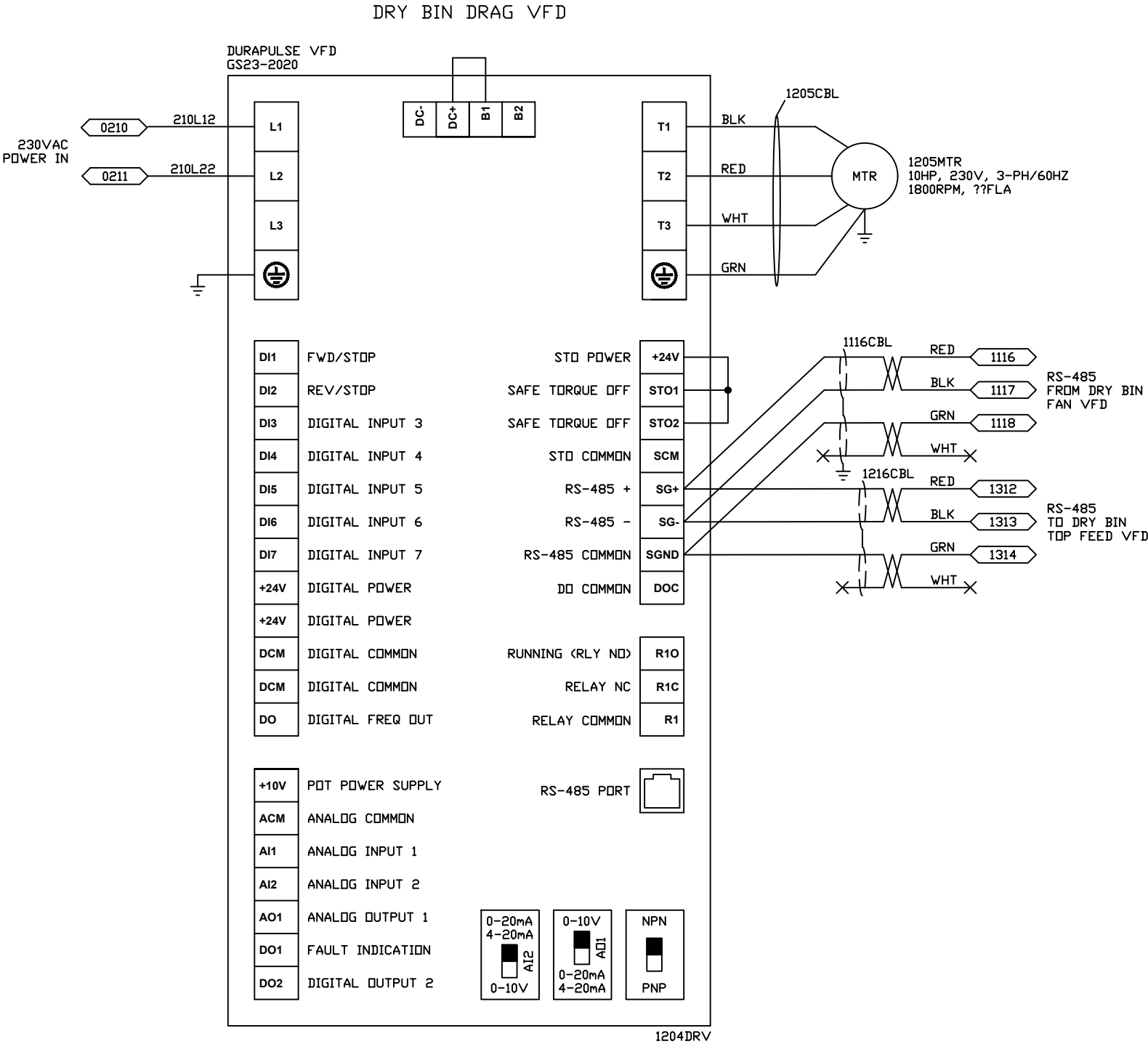



SHEET NUMBER:	11
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: DRY BIN FAN VFD		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E11



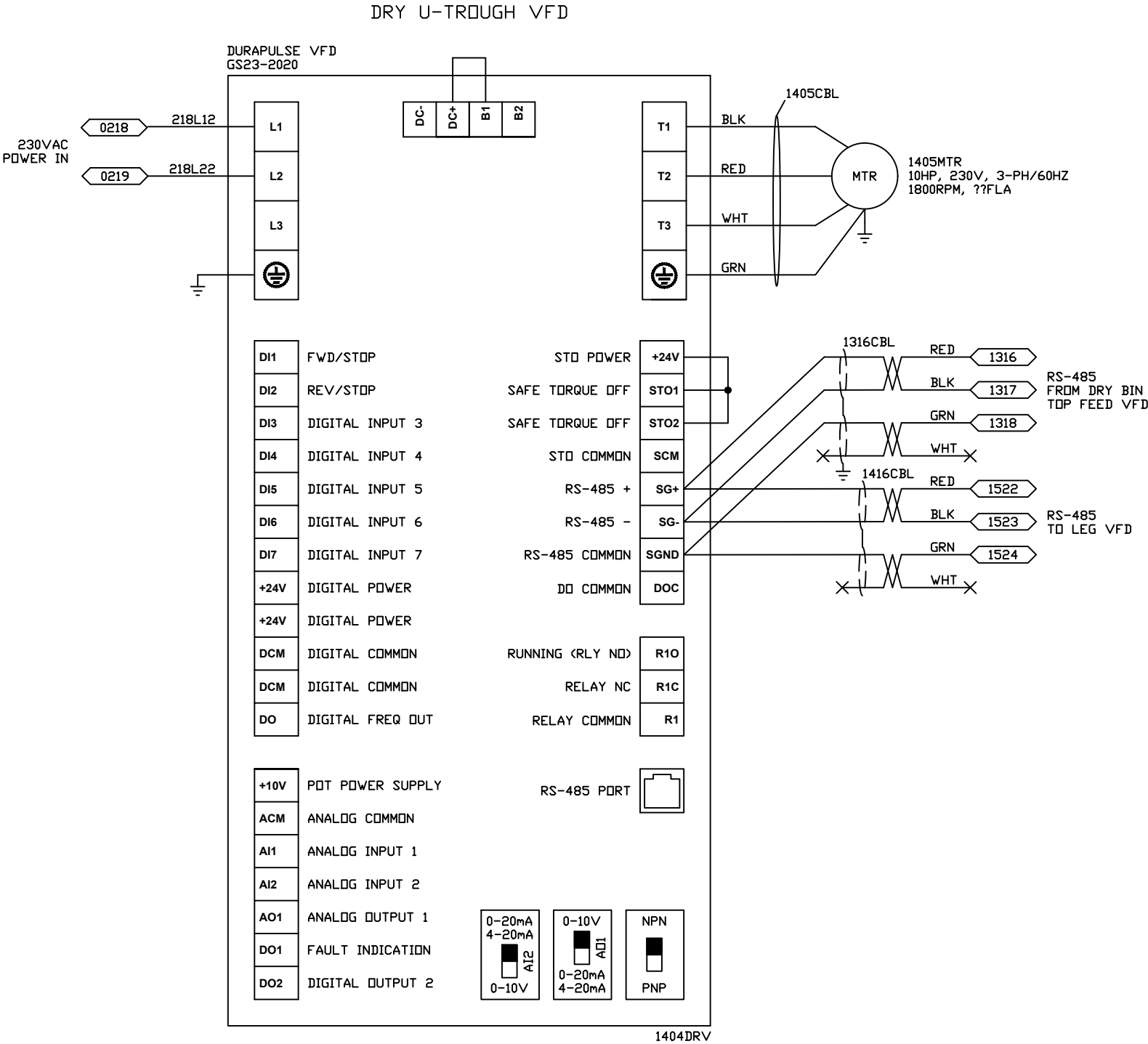
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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DESIGNED BY: <b>ME</b>		DATE: <b>20210828</b>	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: <b>DRY BIN DRAG VFD</b>			
SHEET NUMBER: <b>12</b>	MACHINE NAME: <b>SWOISH FARM GRAIN CONTROL</b>		DRAWING NO: <b>ME21000E12</b>
TOTAL NO. SHEETS: <b>21</b>			



REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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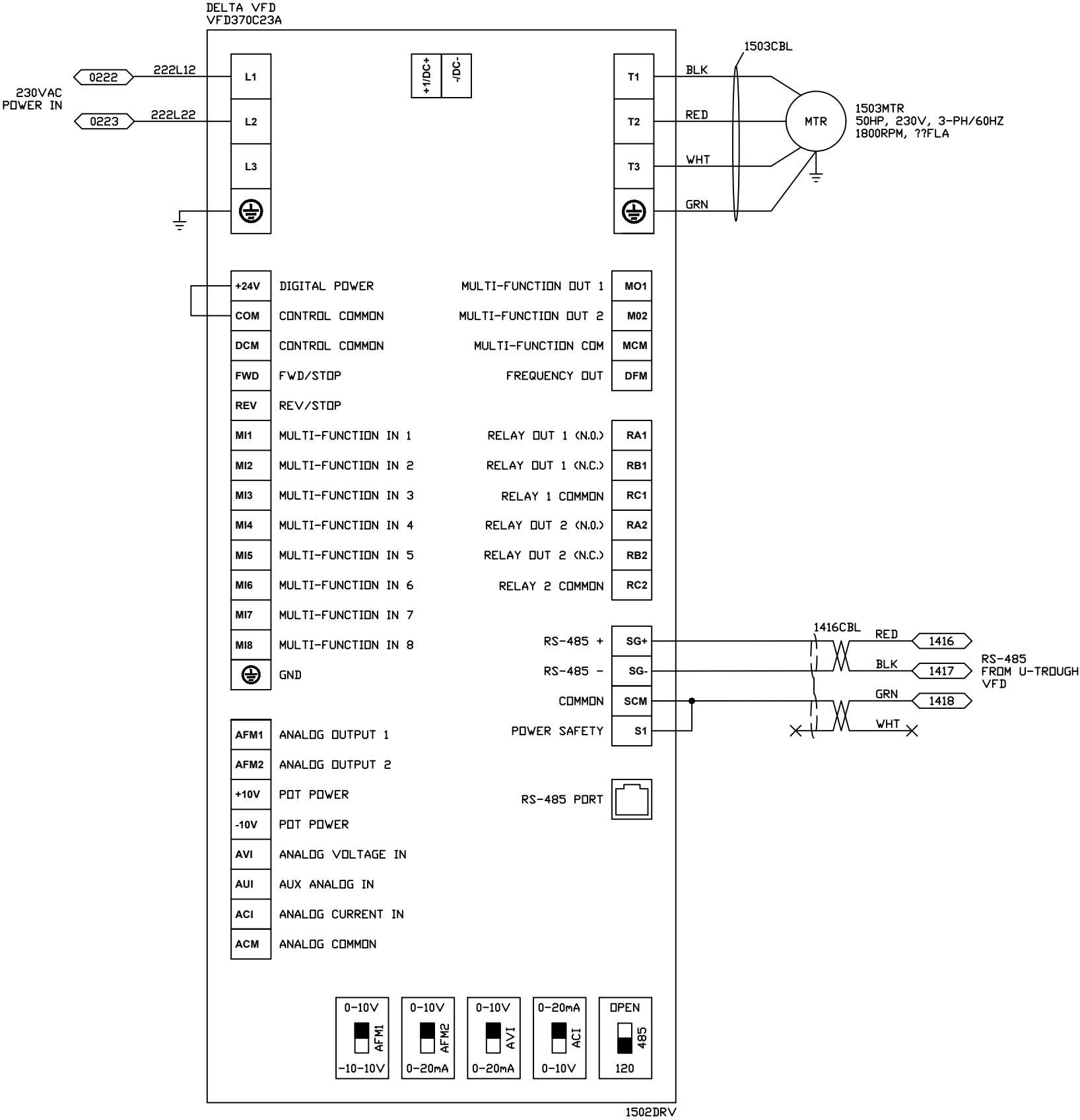


SHEET NUMBER:	14
TOTAL NO. SHEETS:	21


DESIGNED BY: ME	DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: U-TROUGH VFD		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E14

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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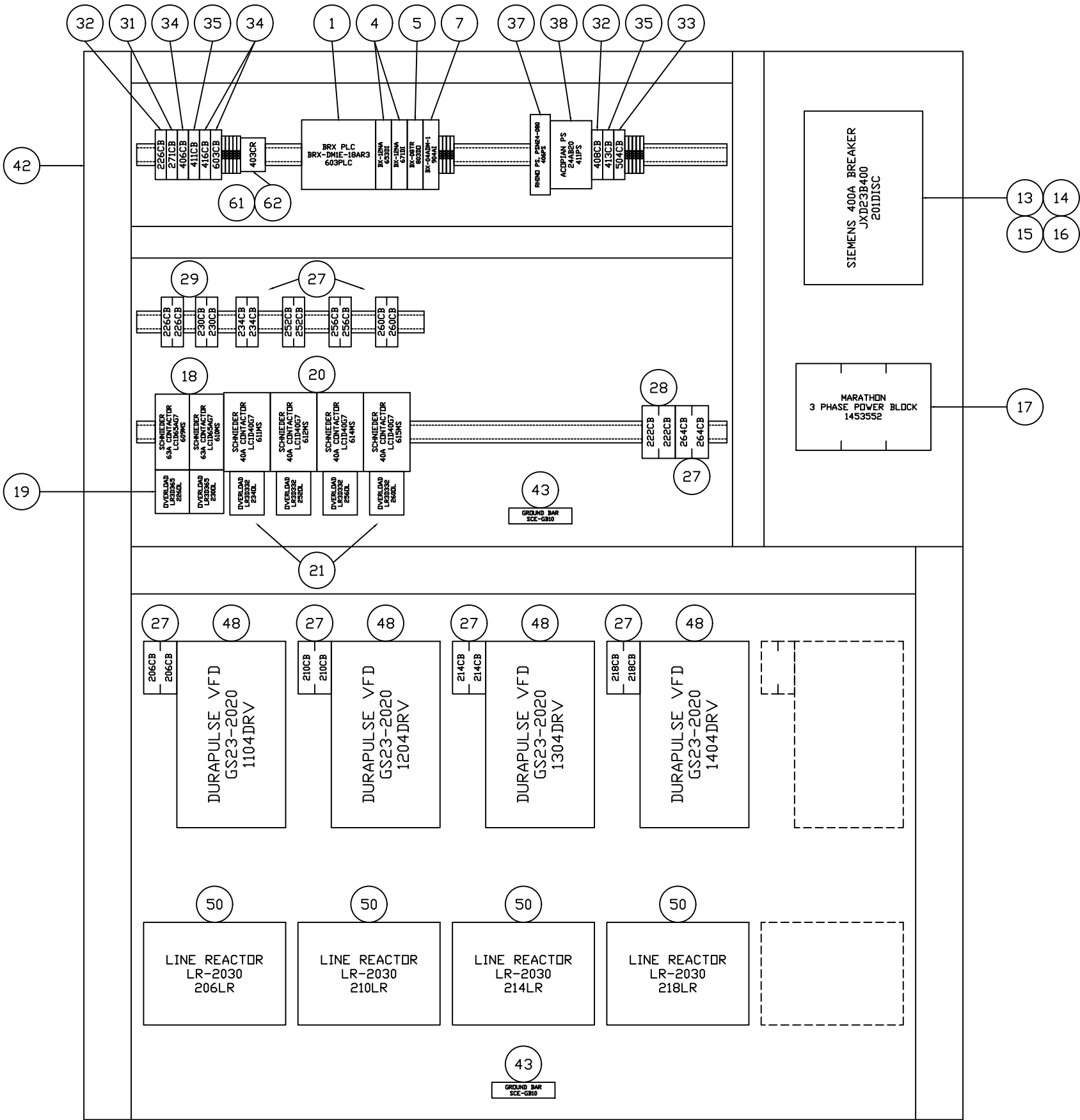
LEG VFD  
\*\*\*LOCATED IN LEG VFD ENCLOSURE\*\*\*




SHEET NUMBER:
15
TOTAL NO. SHEETS:
21

DESIGNED BY: ME	DATE: 20210828	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION:  LEG VFD		
MACHINE NAME:  SWOISH FARM GRAIN CONTROL		DRAWING NO:  ME21000E15

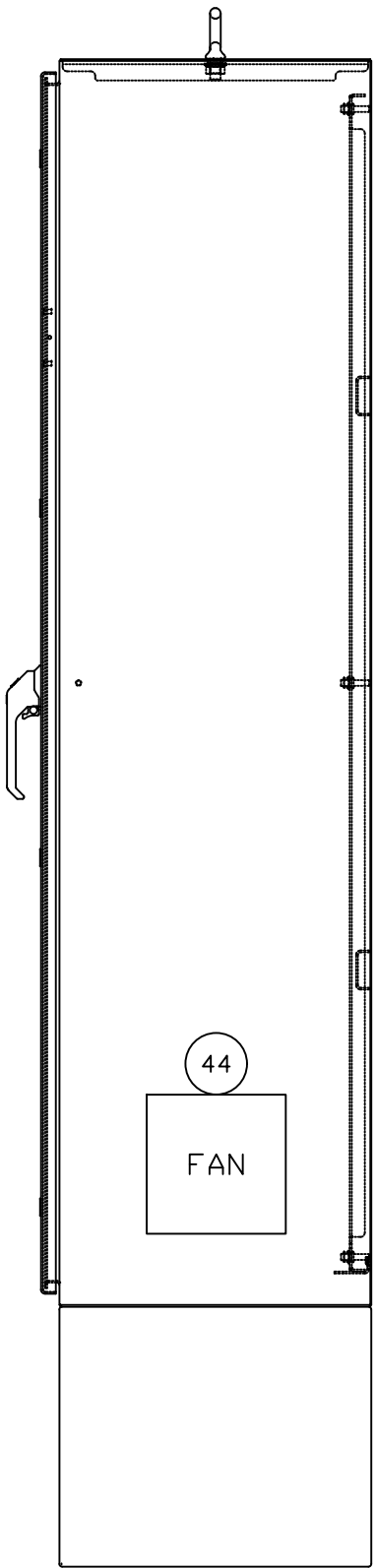
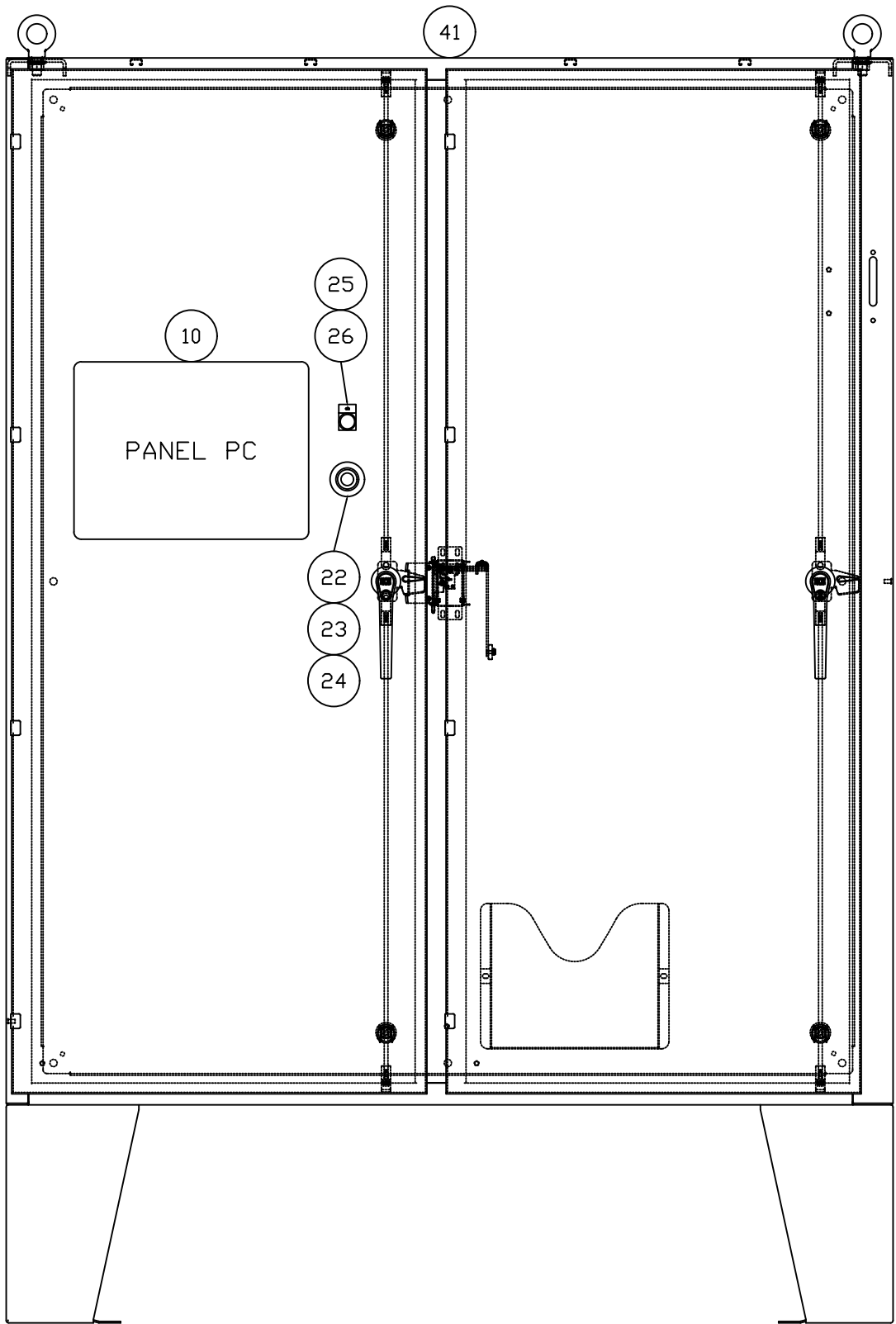
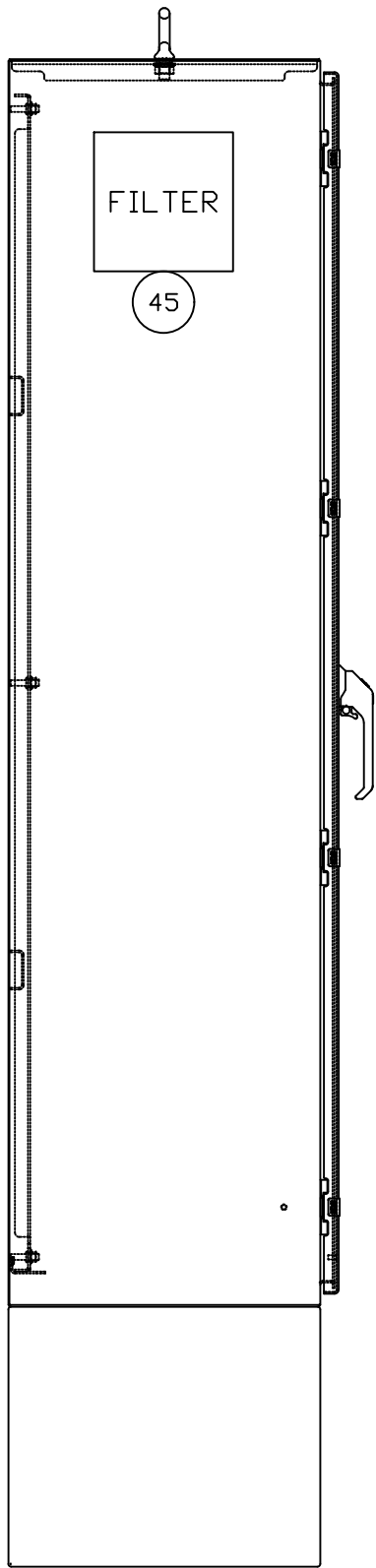
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SHEET NUMBER:	18
TOTAL NO. SHEETS:	21

DESIGNED BY: ME	DATE: 20210828	 <b>MEYERS ELECTRIC LLC</b> LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: PANEL LAYOUT		
MACHINE NAME: SWDISH FARM GRAIN CONTROL		DRAWING NO: ME21000E18

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:
19
TOTAL NO. SHEETS:
21

DESIGNED BY:	ME	DATE:	20210828
SHEET DESCRIPTION:	ENCLOSURE LAYOUT		
MACHINE NAME:	SWOISH FARM GRAIN CONTROL		

 MVERS ELECTRIC LLC LAPEER, MICHIGAN 48446	
DRAWING NO:	ME21000E19