

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
-	-	-	-	-

ELECTRICAL SCHEMATICS

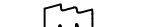
SWOISH FARM GRAIN CONTROL

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

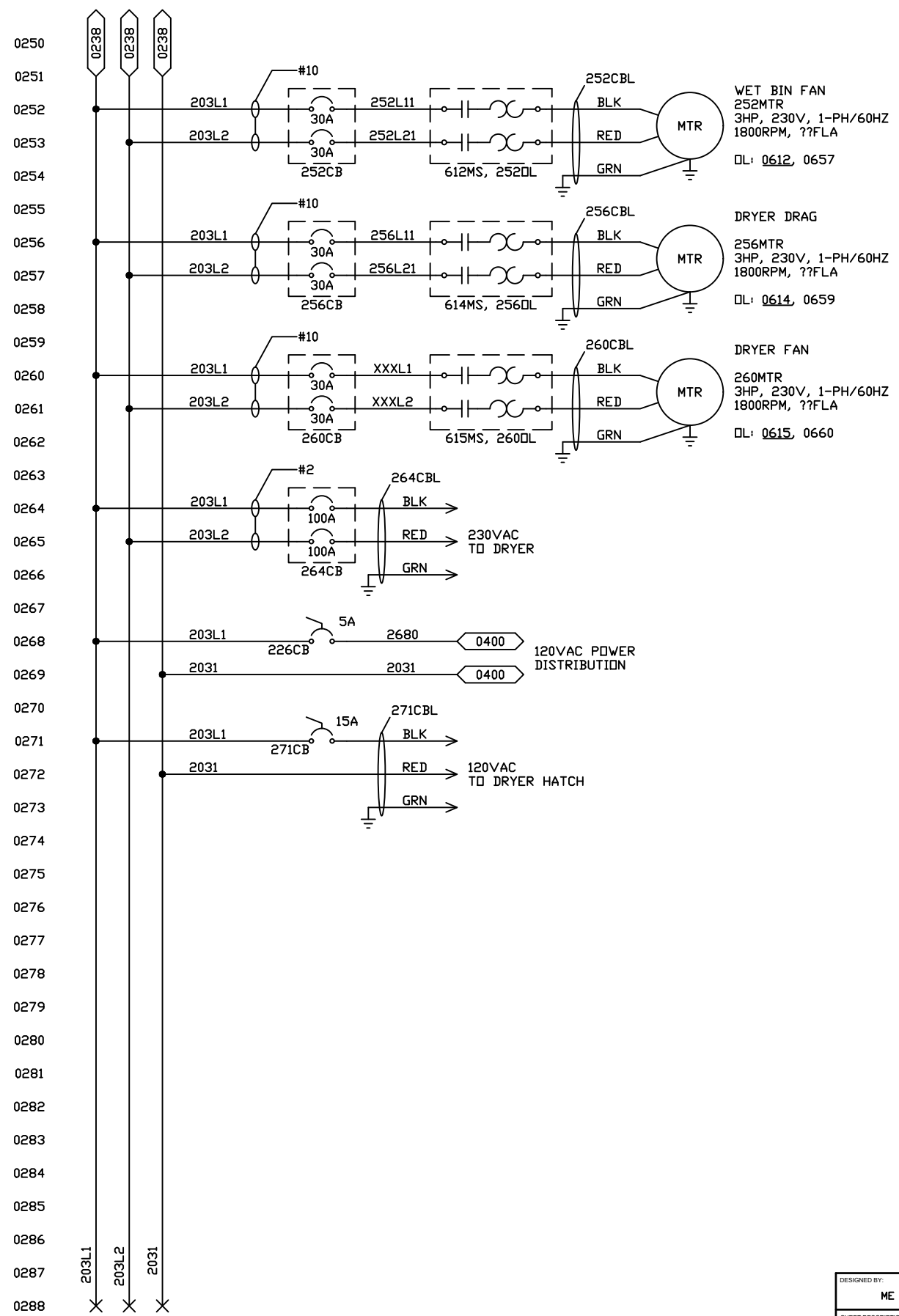
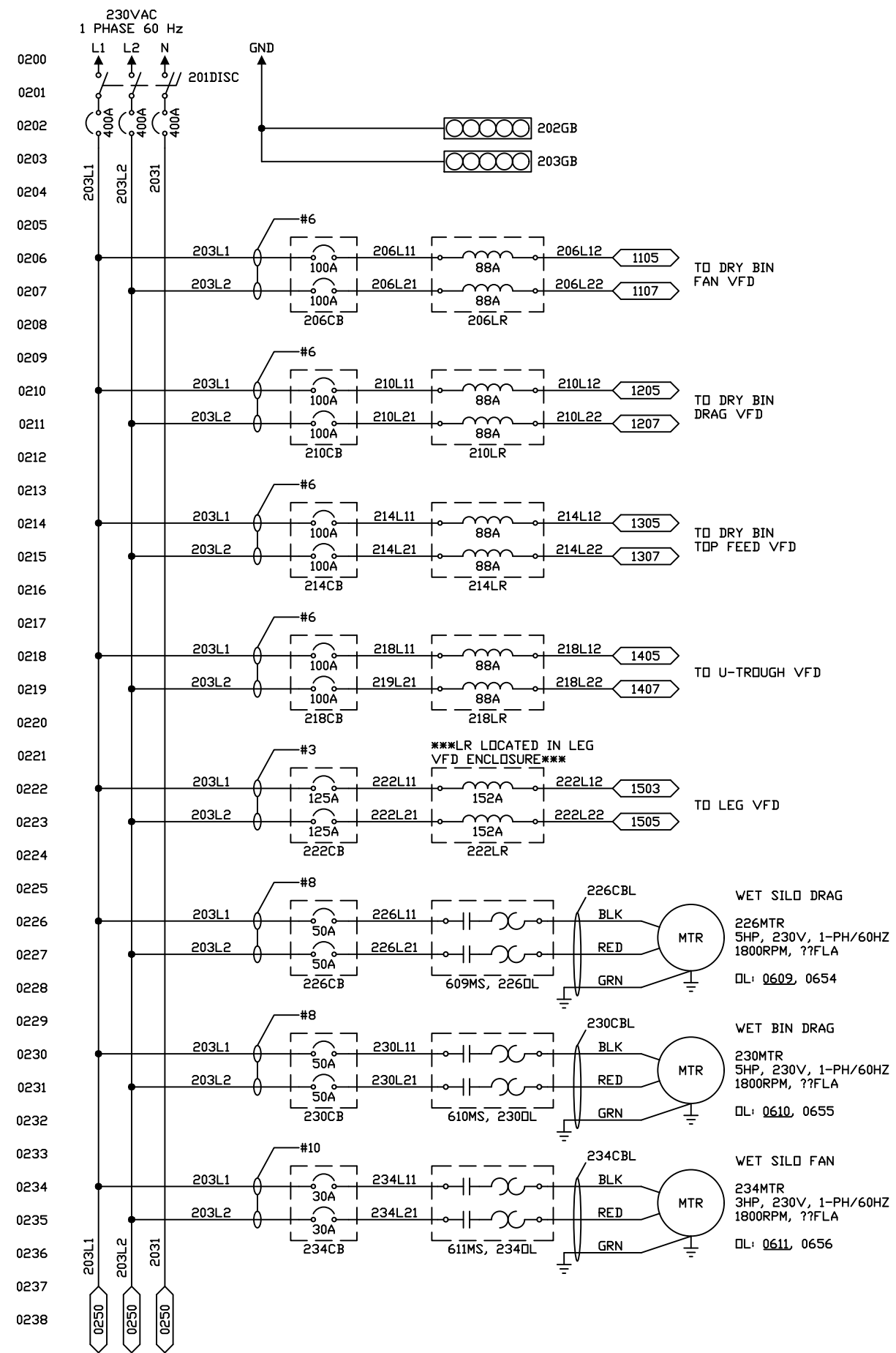
IF CONDUCTOR SIZE IS NOT NOTED, USE:

> 150VAC
< 150VAC LINE
< 150VAC NEUTRAL
DC
DC COMMON


#14 BLK THHN
#14 RED THHN
#14 WHT THHN
#18 BLU THHN
#18 WHT/BLU THHN

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

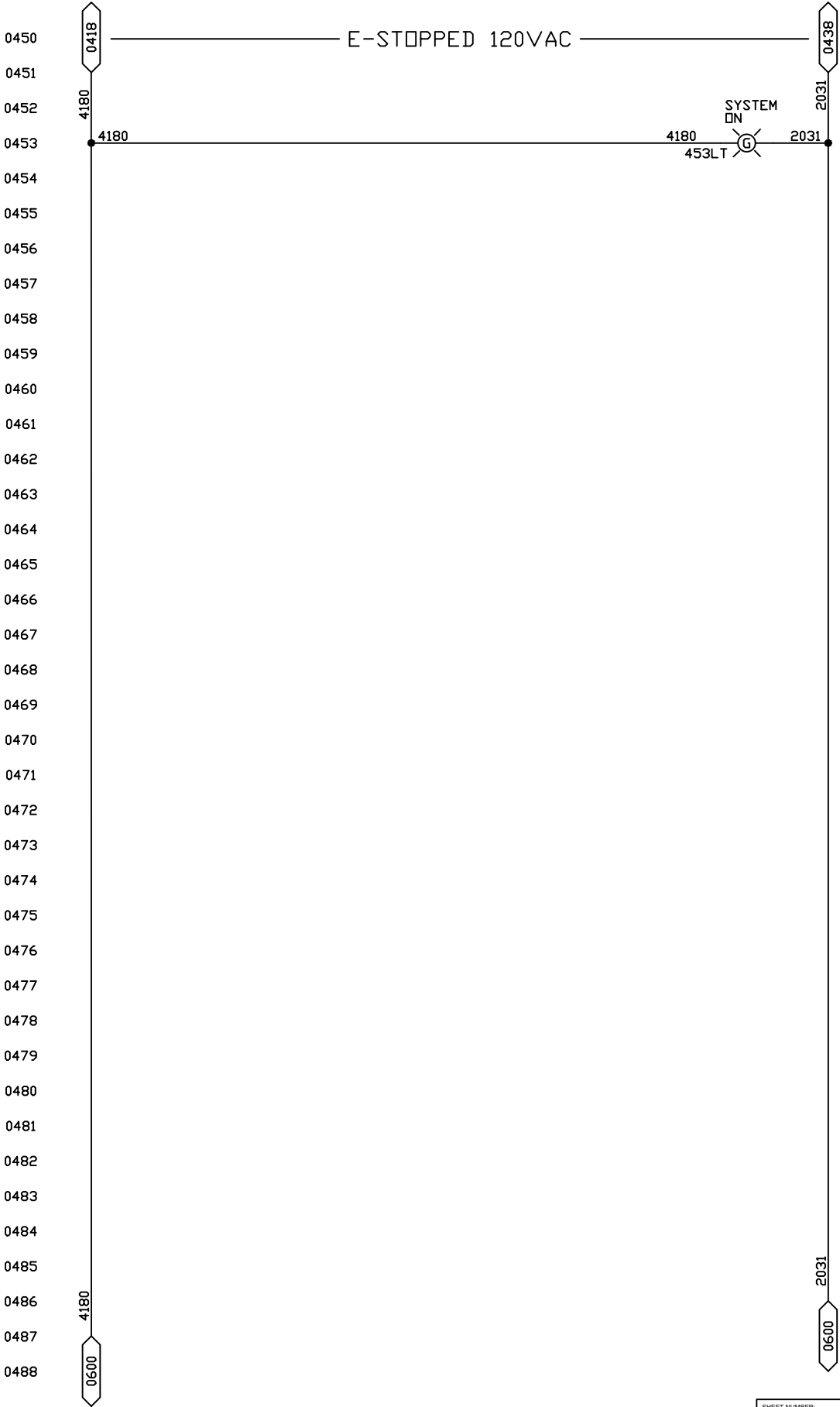
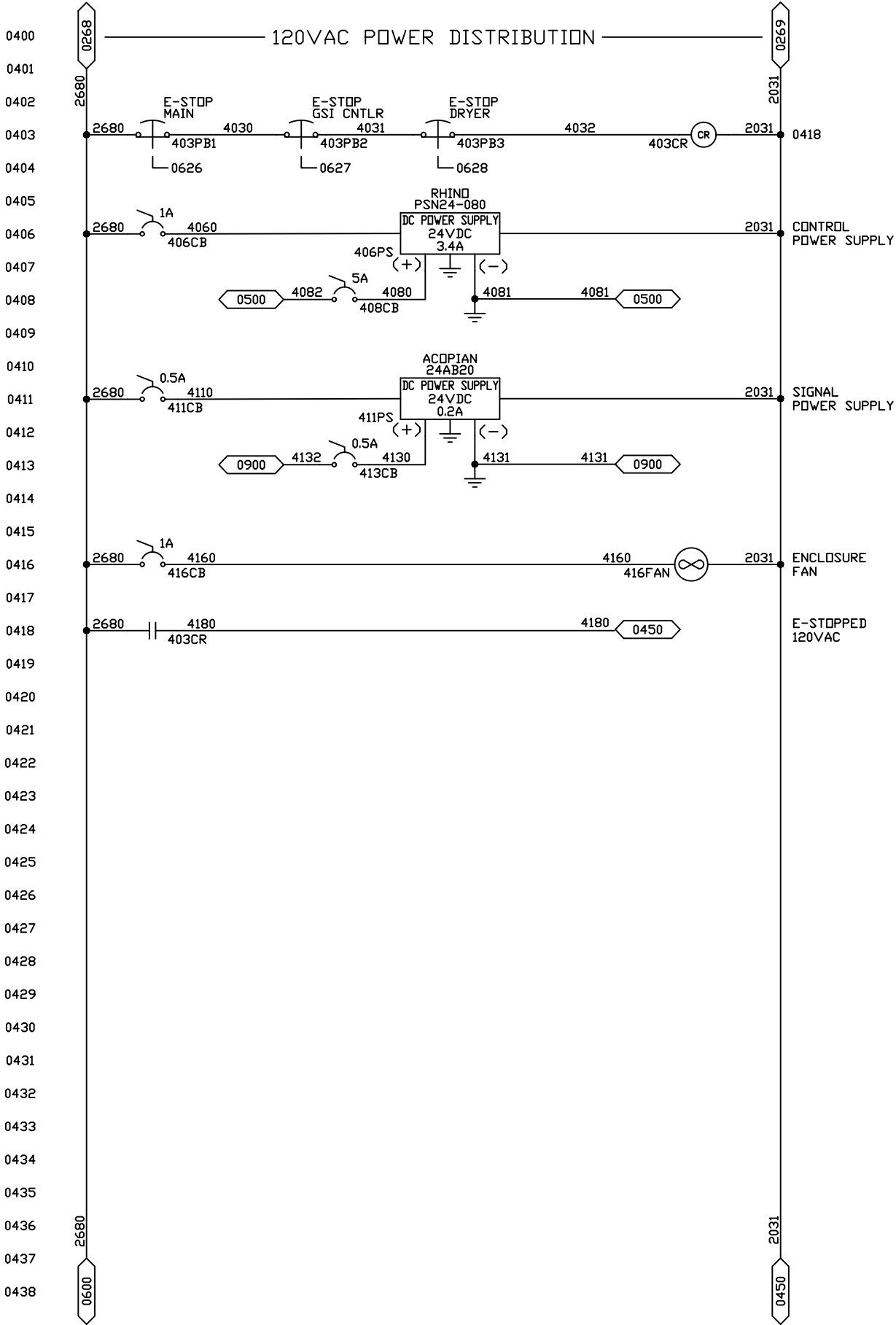
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	02
TOTAL NO. SHEETS:	21

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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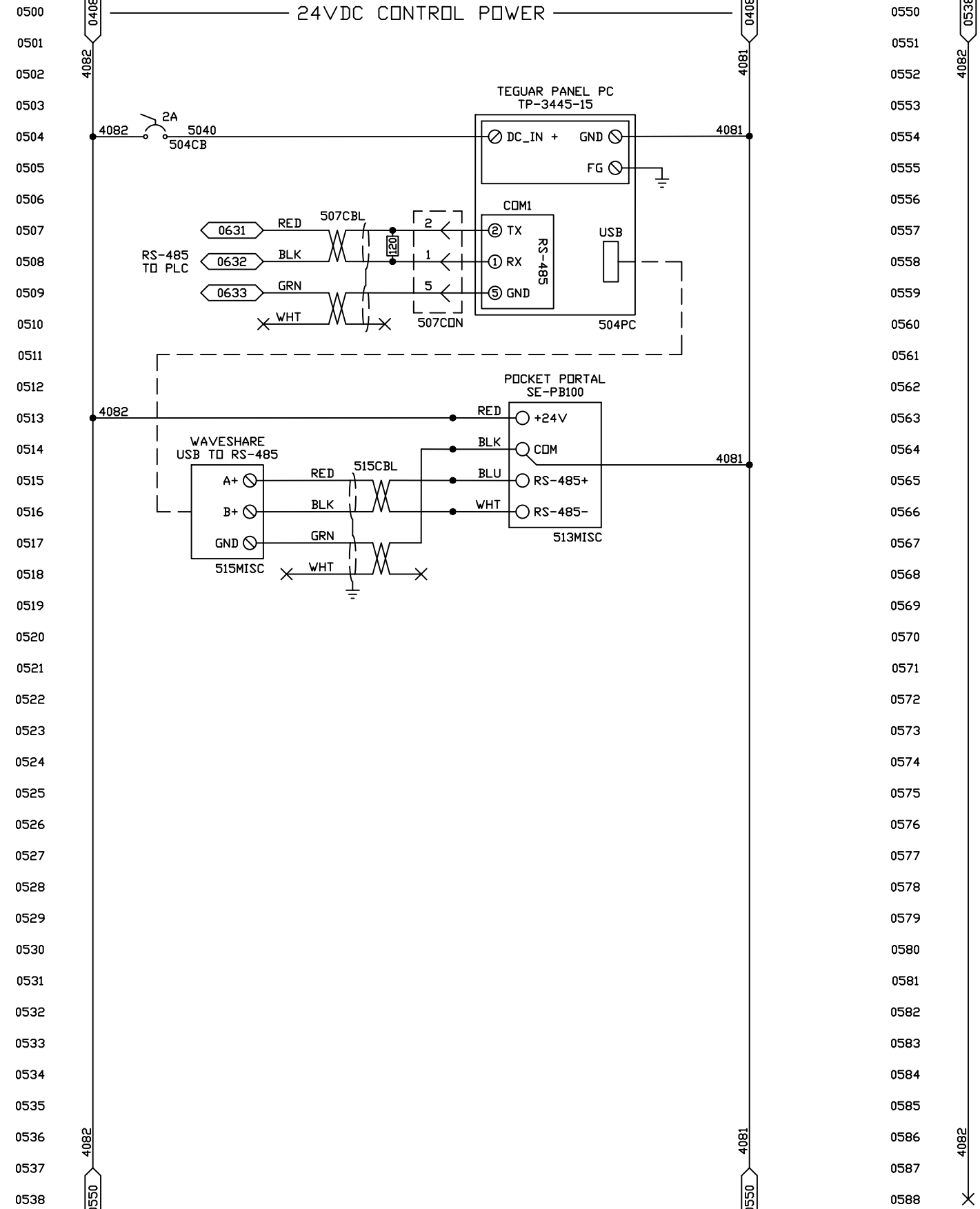


SHEET NUMBER:	04
TOTAL NO. SHEETS:	21


DESIGNED BY:	ME	DATE:	20210828
SHEET DESCRIPTION:	120VAC POWER DISTRIBUTION		
MACHINE NAME:	SWDISH FARM GRAIN CONTROL		

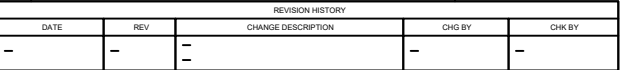
 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446		DRAWING NO:	ME21000E04
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REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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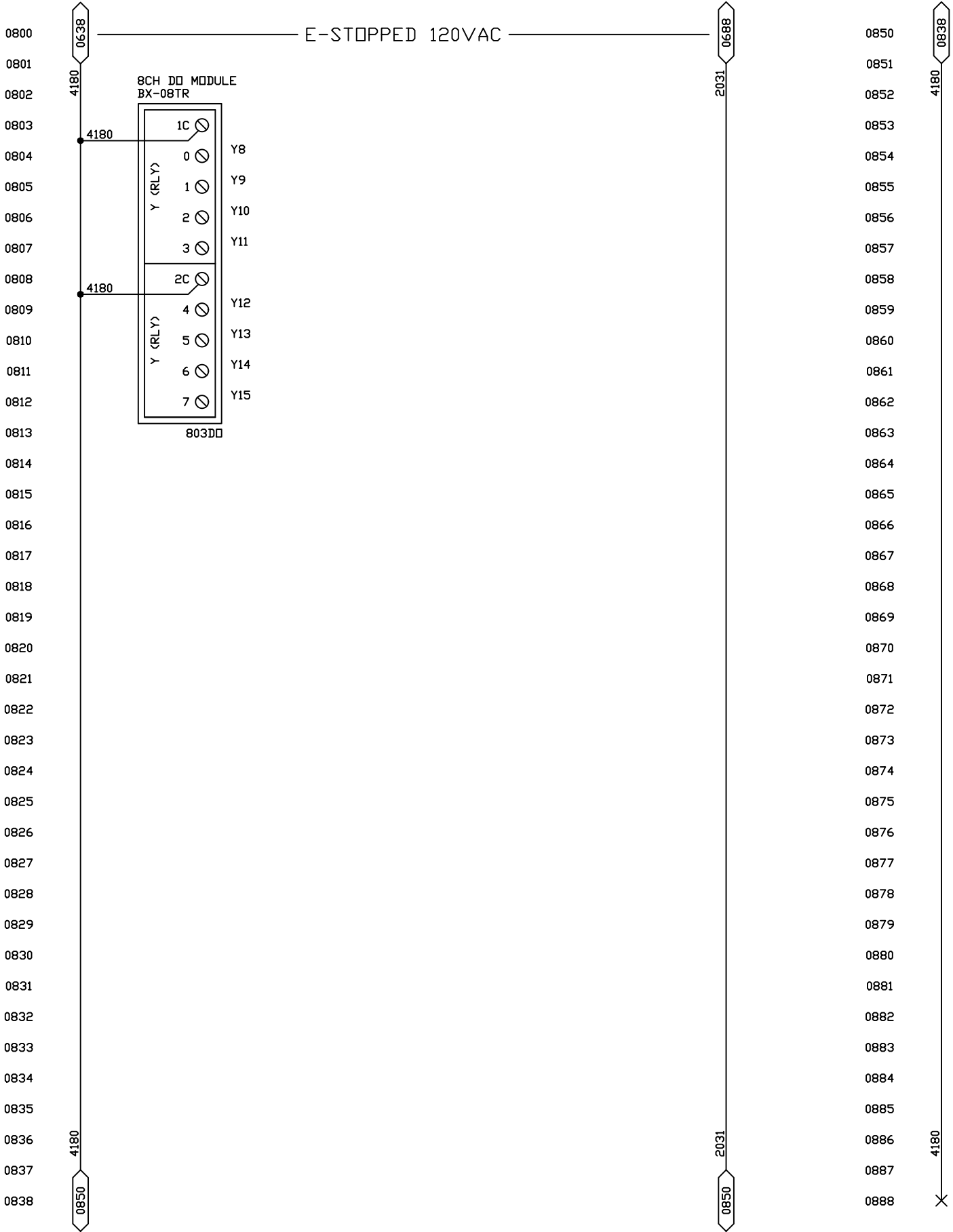


SHEET NUMBER:	05
TOTAL NO. SHEETS:	21


DESIGNED BY: ME	DATE: 20210828	 LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: 24VDC POWER DISTRIBUTION		
MACHINE NAME: SWOISH FARM GRAIN CONTROL	DRAWING NO: ME21000E05	



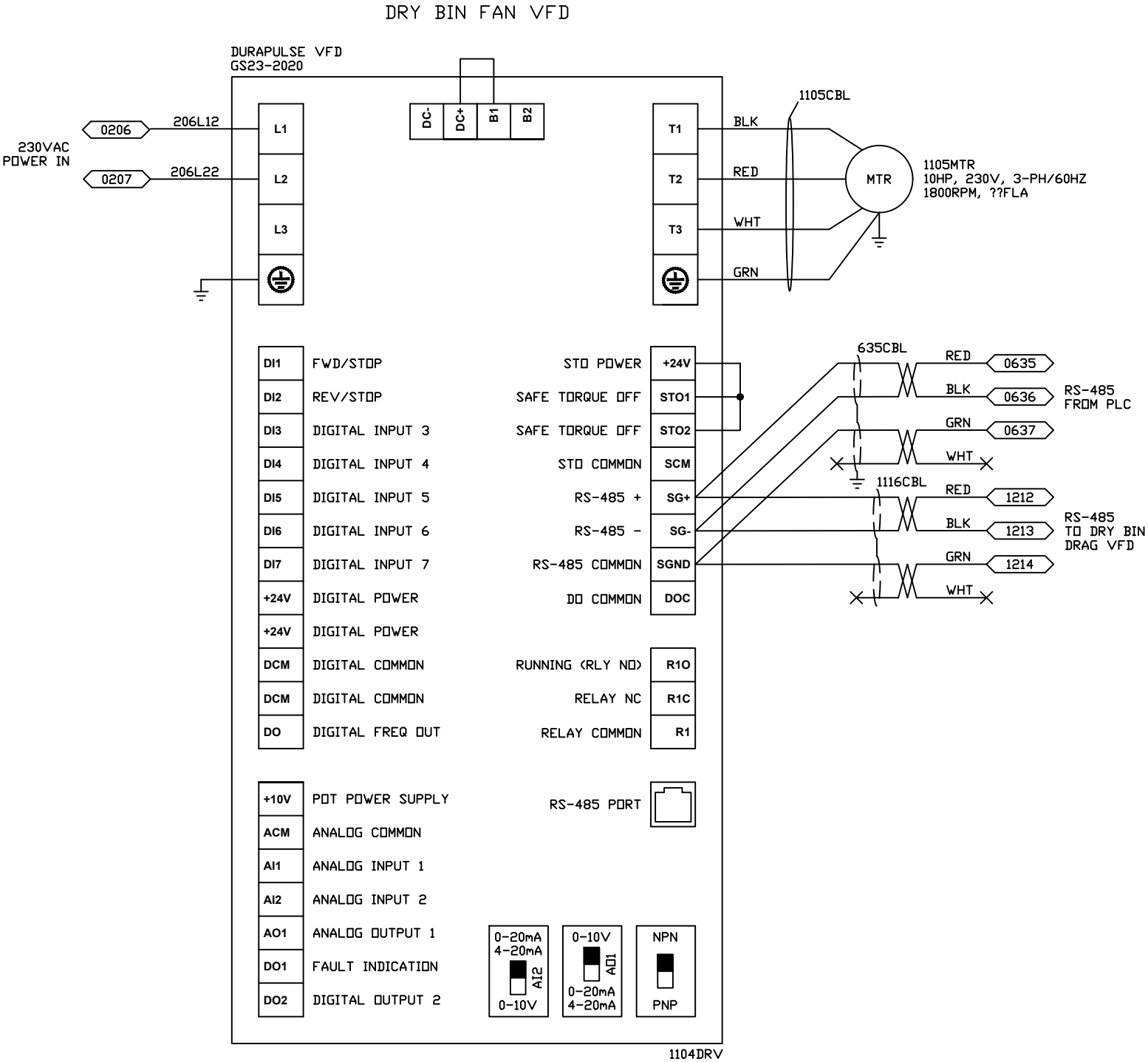
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	08
TOTAL NO. SHEETS:	21

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

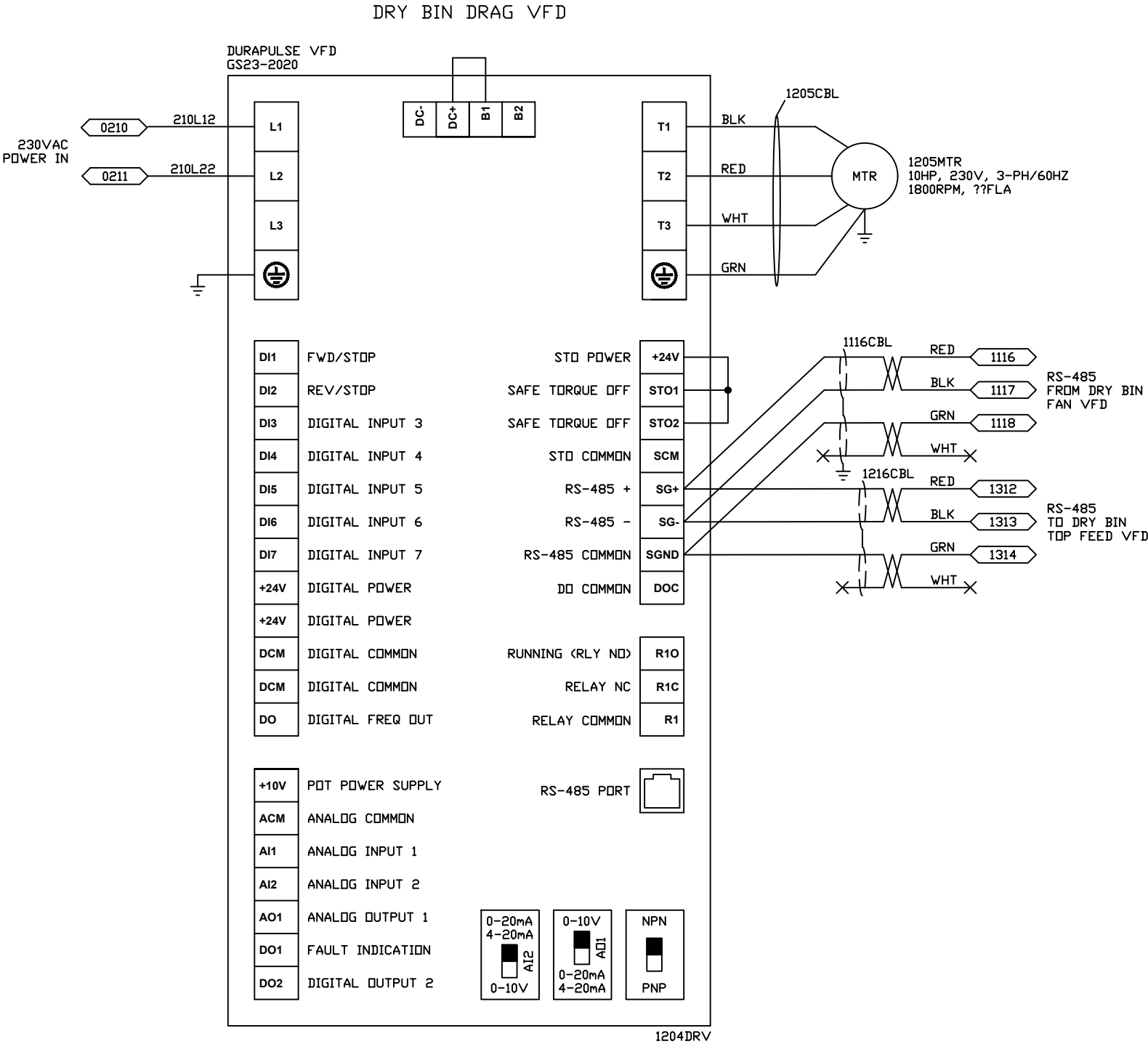
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	11
TOTAL NO. SHEETS:	21

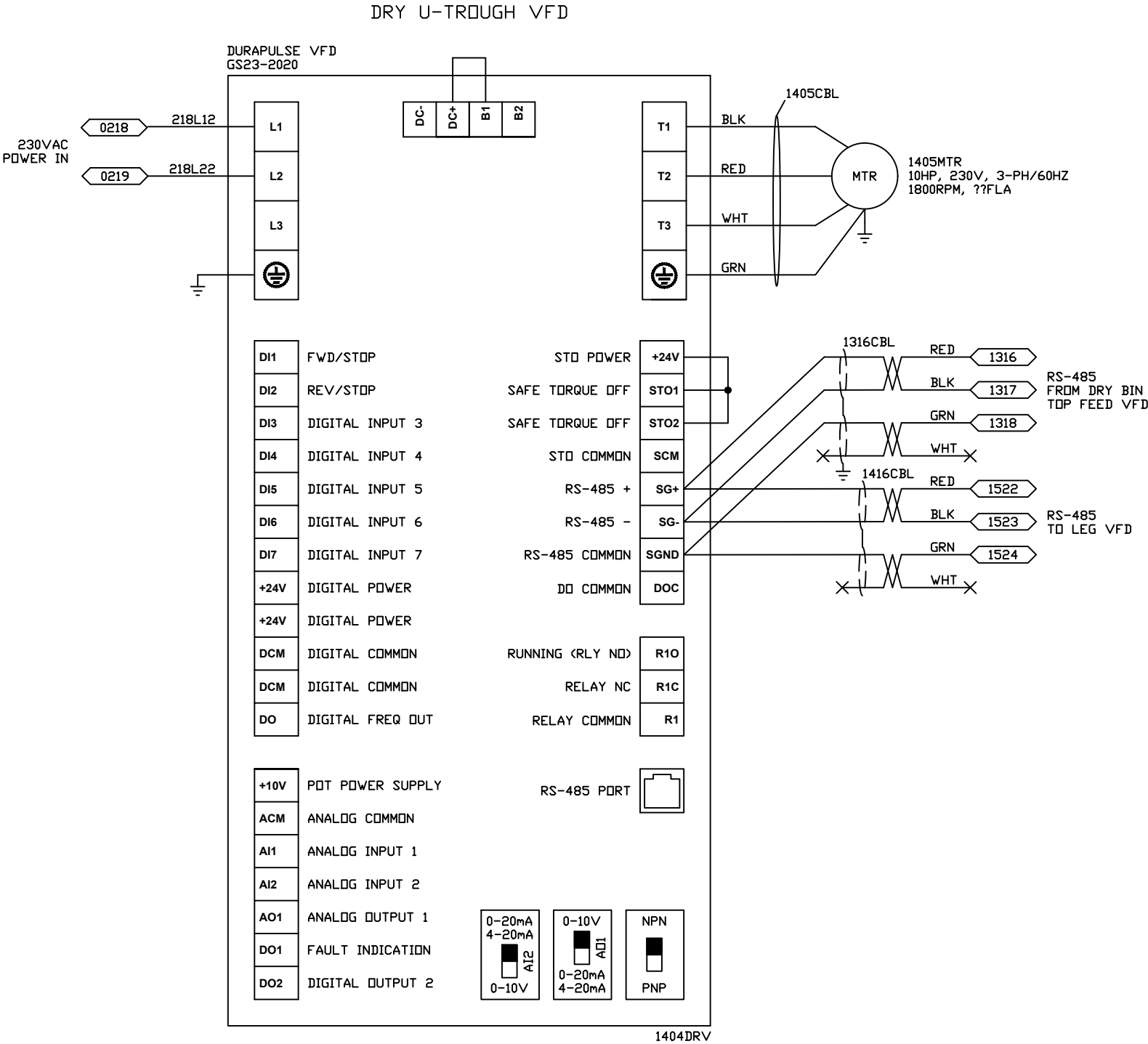
DESIGNED BY: ME	DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: DRY BIN FAN VFD		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E11

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

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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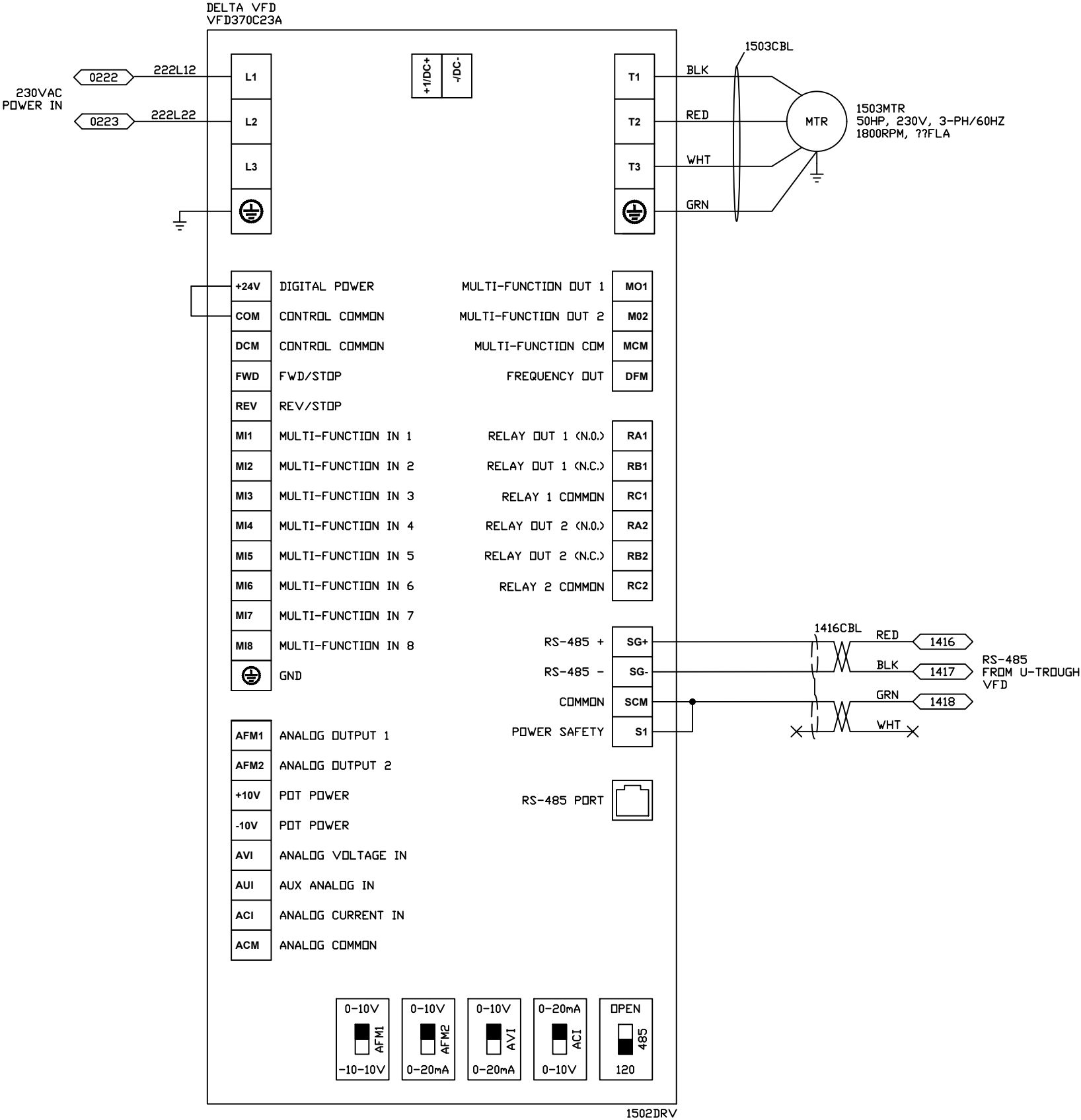


SHEET NUMBER:	14
TOTAL NO. SHEETS:	21


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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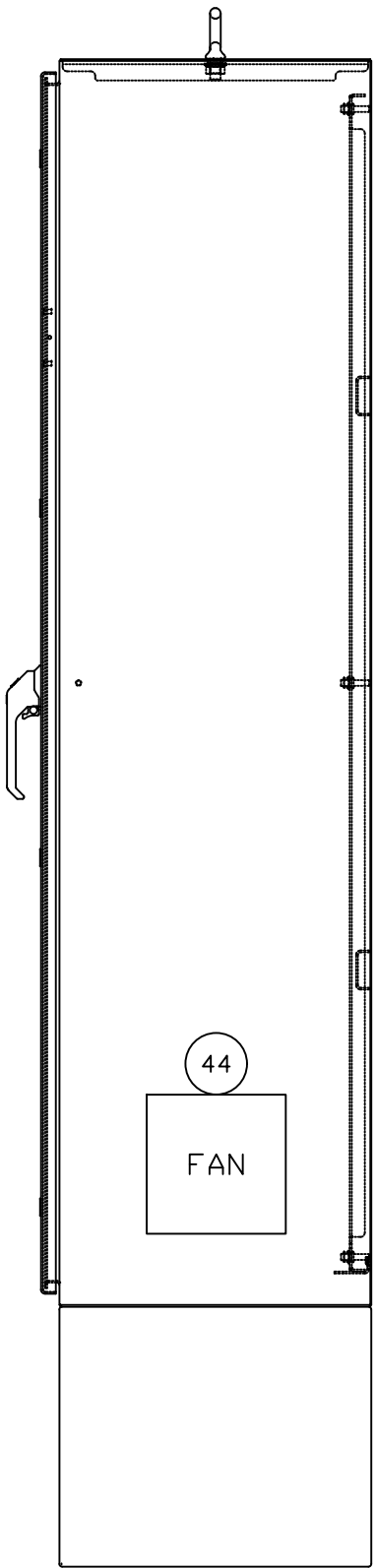
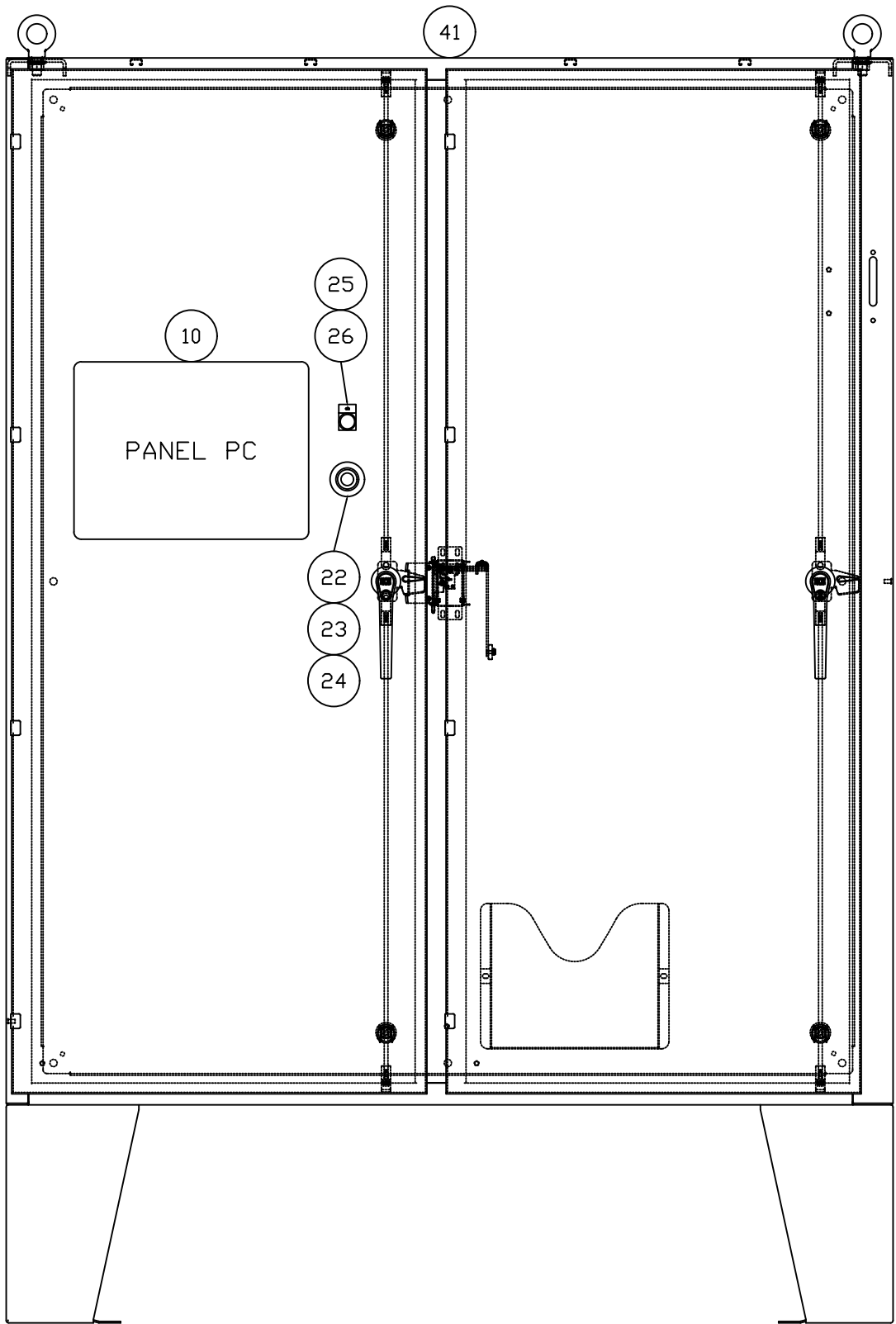
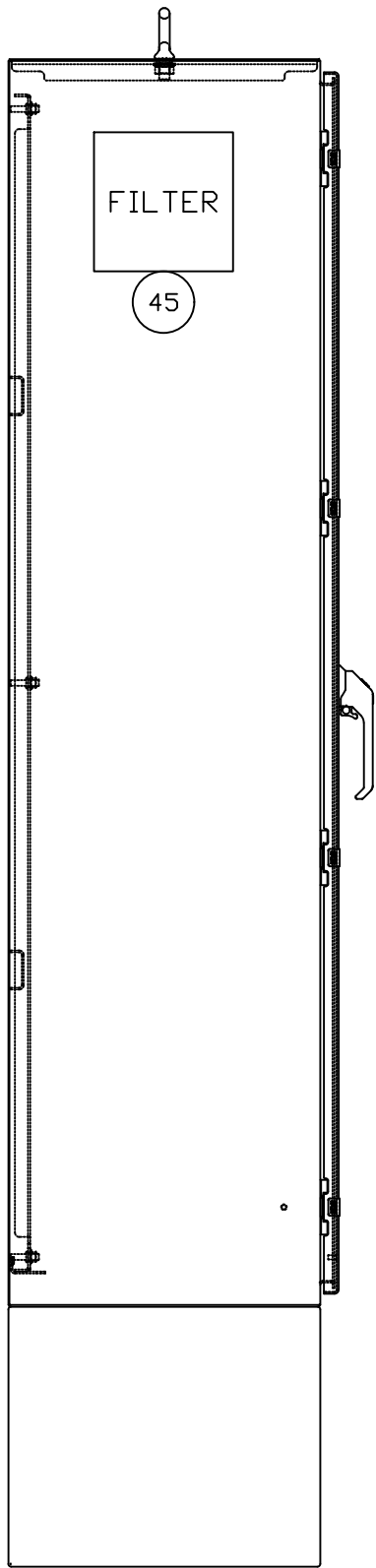
LEG VFD
LOCATED IN LEG VFD ENCLOSURE



SHEET NUMBER:
15
TOTAL NO. SHEETS:
21

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

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
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