

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	230VAC POWER DISTRIBUTION	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, 2	ME21000E09
10	SPARE	ME21000E10
11	SPARE	ME21000E11
12	DURAPULSE VFD (TYPICAL)	ME21000E12
13	DELTA VFD (TYPICAL)	ME21000E13
14	QUICK CLEANER VFD	ME21000E14
15	SPARE	ME21000E15
16	SPARE	ME21000E16
17	SPARE	ME21000E17
18	PANEL LAYOUT (MAIN)	ME21000E18
19	ENCLOSURE LAYOUT (MAIN)	ME21000E19
20	PANEL LAYOUT (NORTH)	ME21000E20
21	ENCLOSURE LAYOUT (NORTH)	ME21000E21
22	PANEL LAYOUT (QUICK CLEANER)	ME21000E22
23	ENCLOSURE LAYOUT (QUICK CLEANER)	ME21000E23
24	BILL OF MATERIALS	ME21000E24

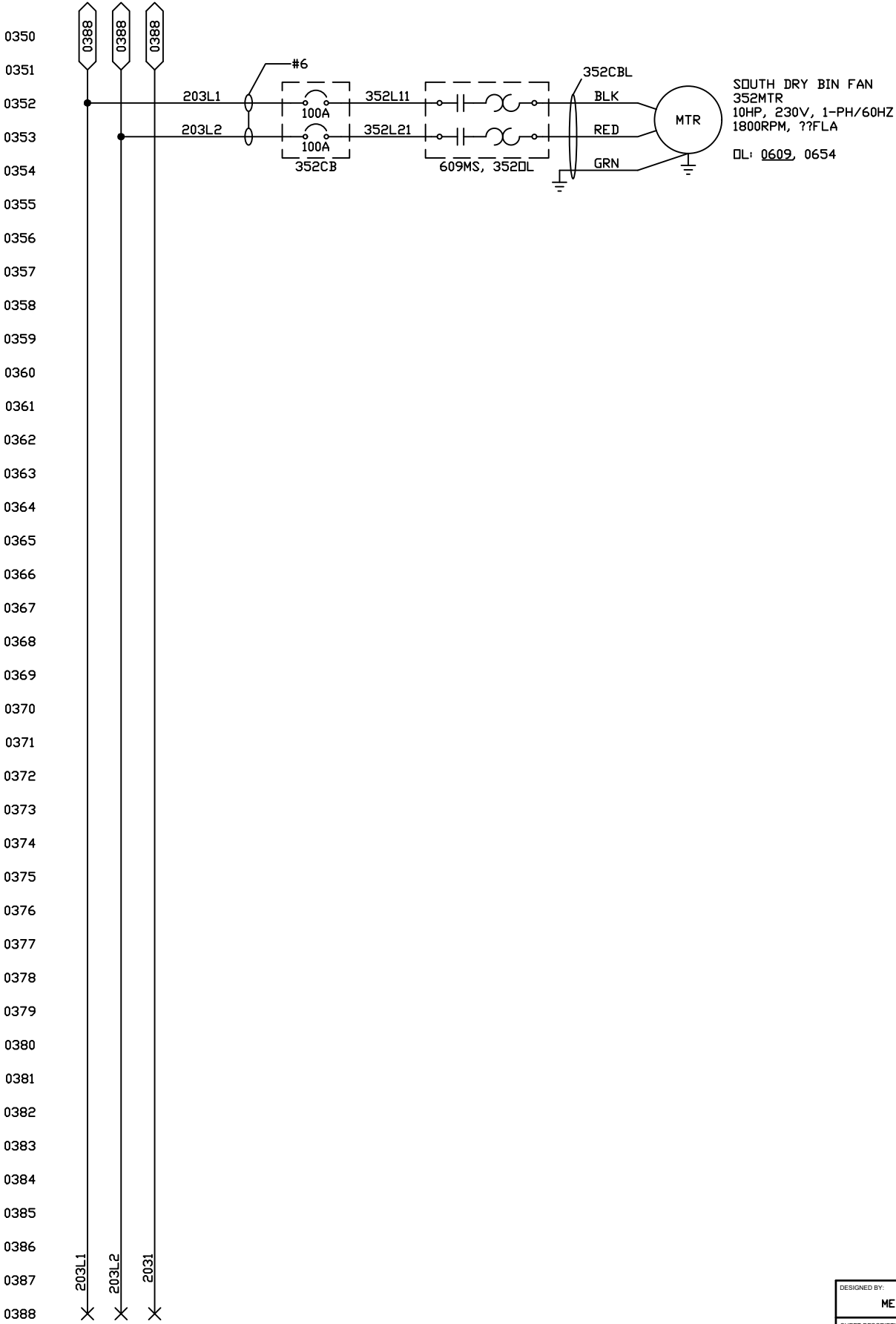
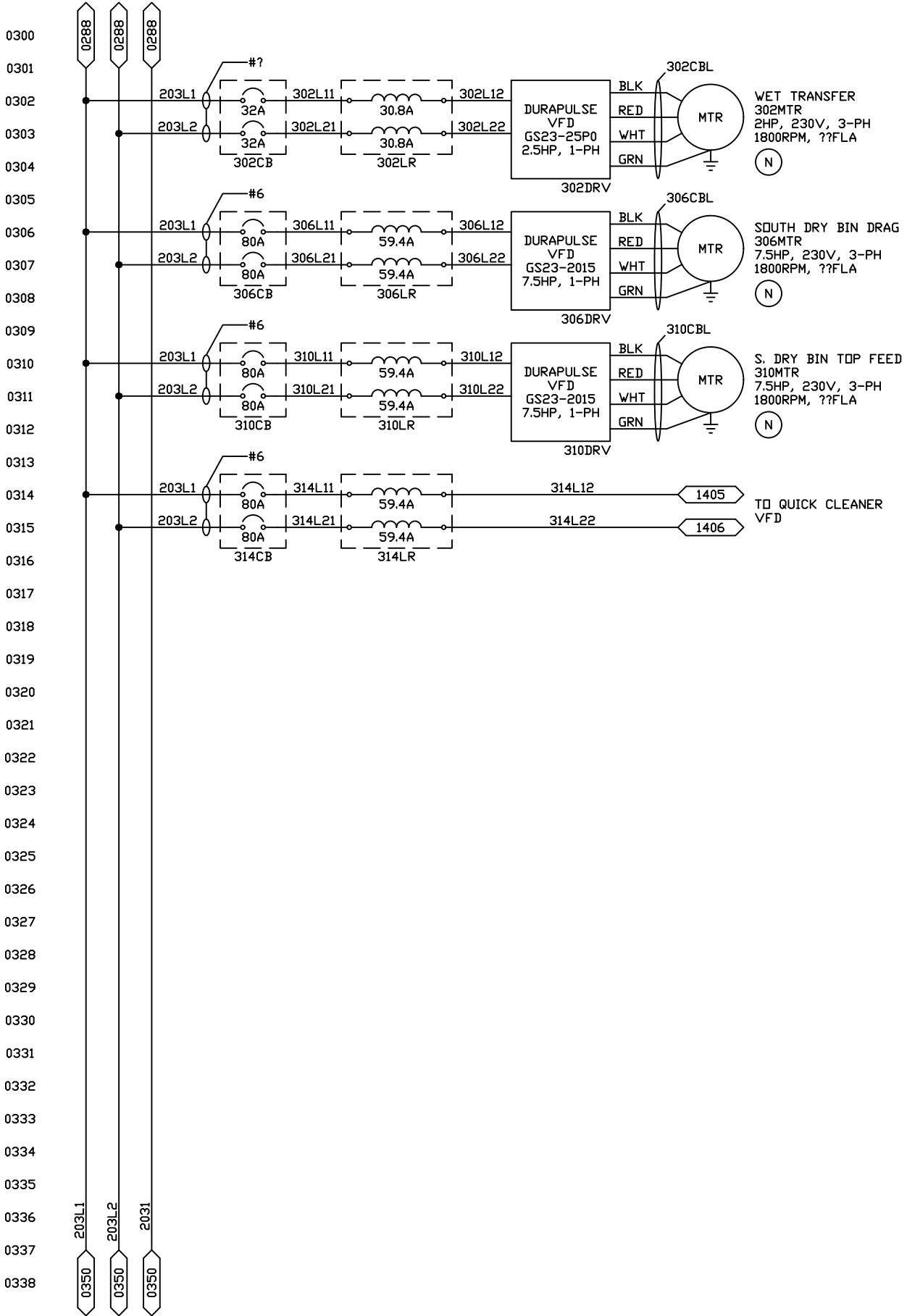
N DENOTES COMPONENTS
LOCATED IN NORTH ENCLOSURE

IF CONDUCTOR SIZE IS NOT NOTED, USE:

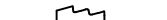
> 150VAC	#14 BLK THHN
< 150VAC LINE	#14 RED THHN
< 150VAC NEUTRAL	#14 WHT THHN
DC	#18 BLU THHN
DC COMMON	#18 WHT/BLU THHN

SHEET NUMBER: <div>01</div>	DESIGNED BY: <div>ME</div>	DATE: <div>20210828</div>	
	SHEET DESCRIPTION: <div>SYSTEM LAYOUT</div>		
	MACHINE NAME: <div>SWOISH FARM GRAIN CONTROL</div>	DRAWING NO: <div>ME21000E00</div>	

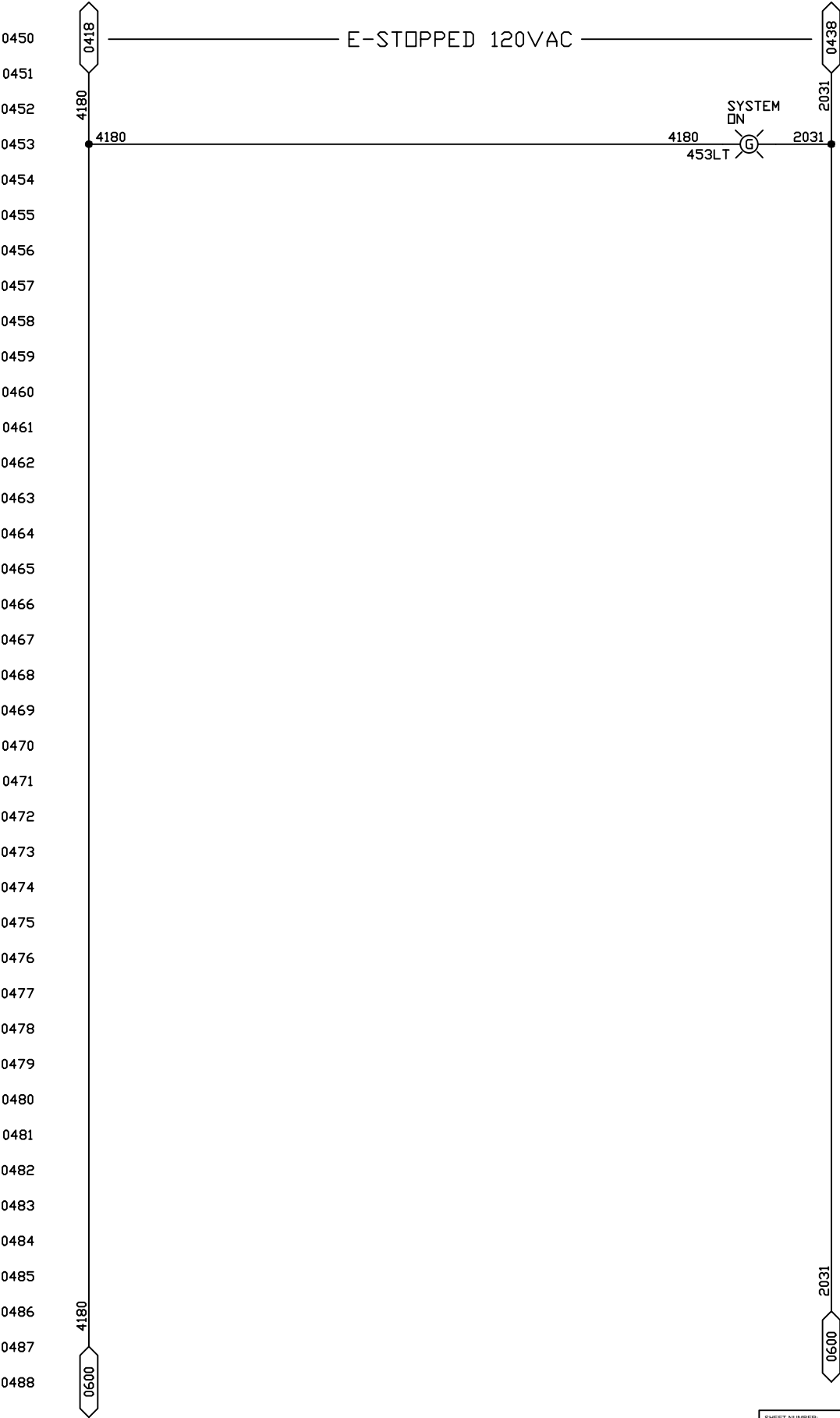
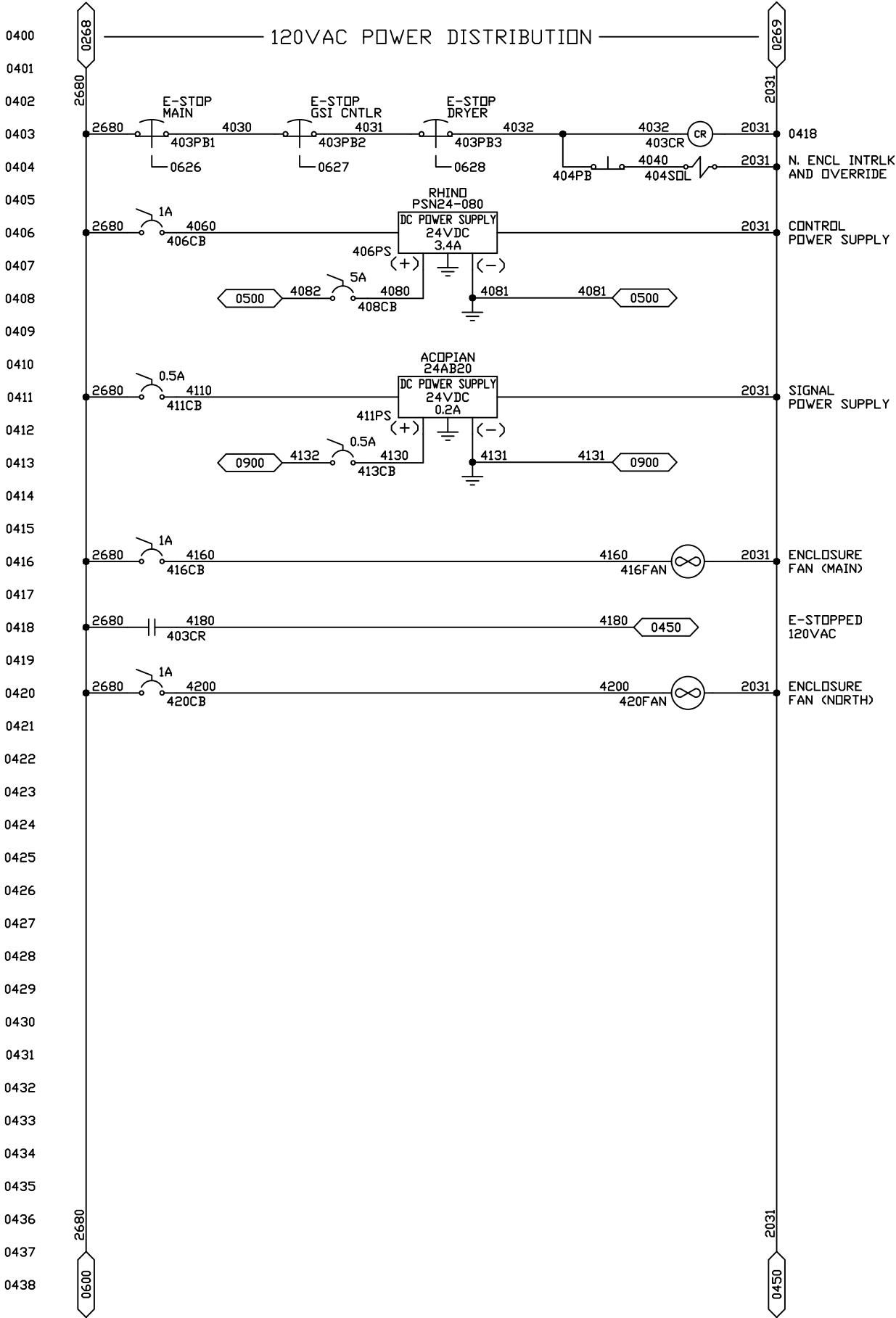
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	03
TOTAL NO. SHEETS:	25

DESIGNED BY: ME	DATE: 20220525	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: 230VAC POWER DISTRIBUTION		
MACHINE NAME: SWDISH FARM GRAIN CONTROL	DRAWING NO.: ME21000E03	

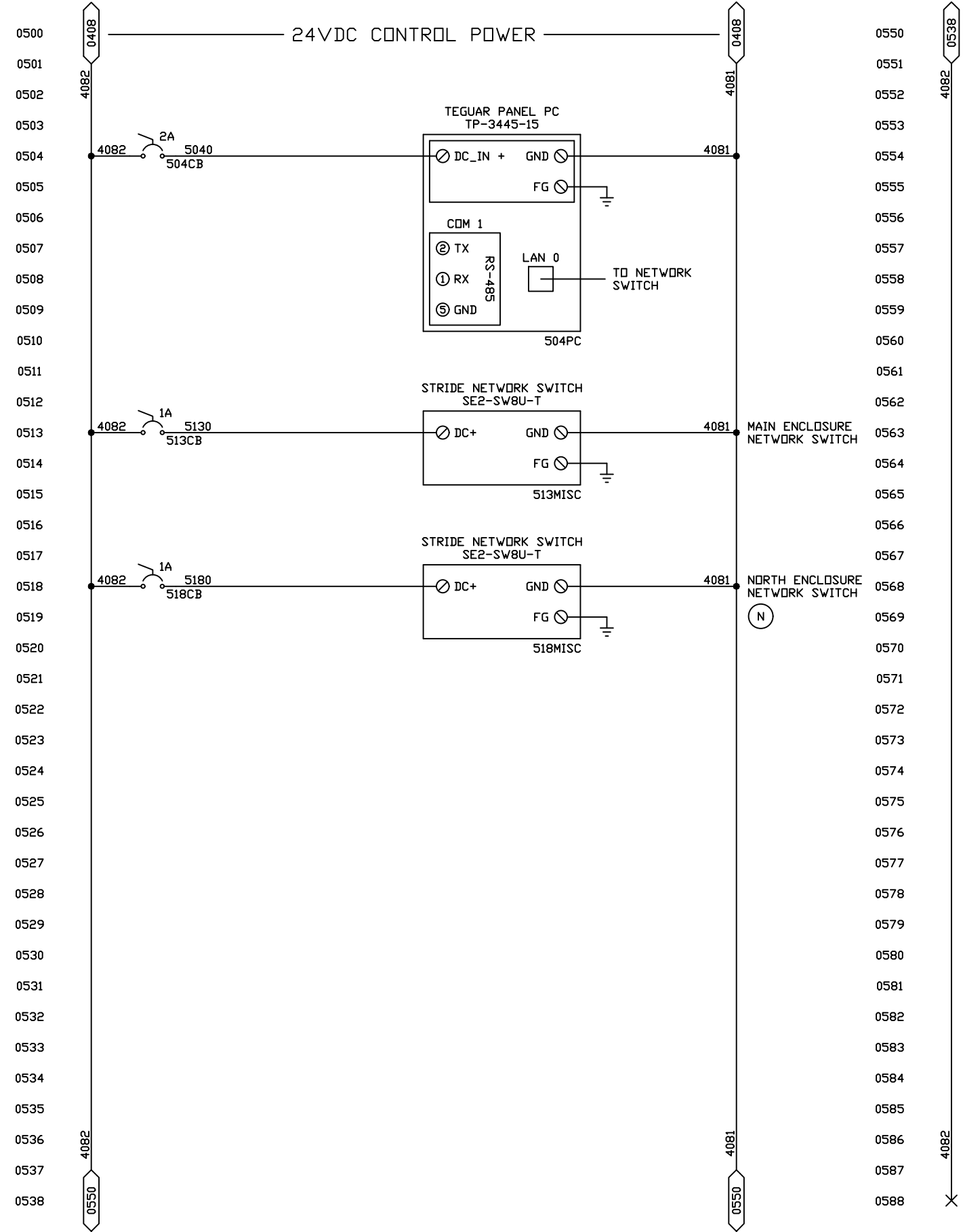
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	04
TOTAL NO. SHEETS:	25

DESIGNED BY: ME		DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: 120VAC POWER DISTRIBUTION			
MACHINE NAME: SWOISH FARM GRAIN CONTROL			DRAWING NO: ME21000E04

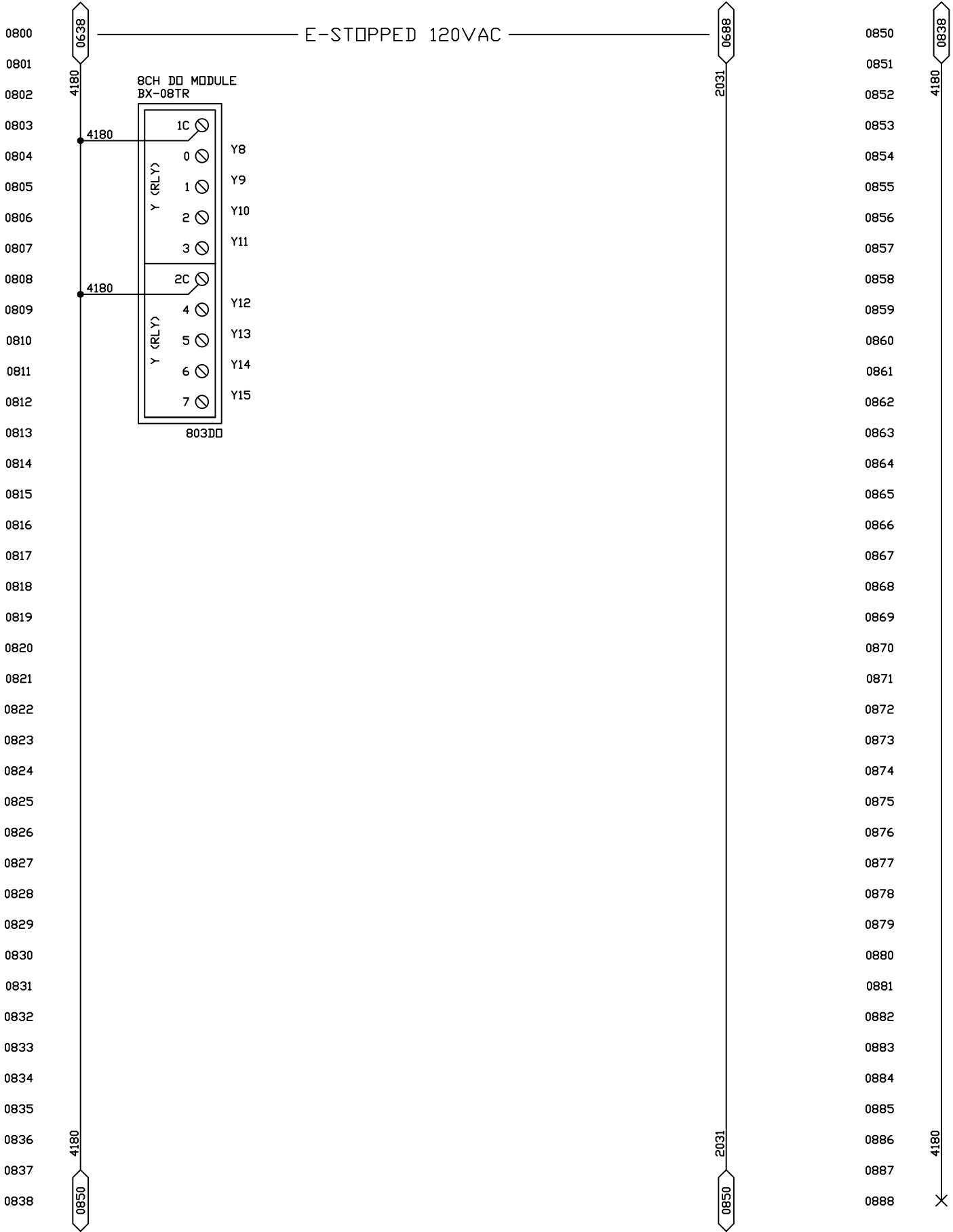
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	05
TOTAL NO. SHEETS:	25

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

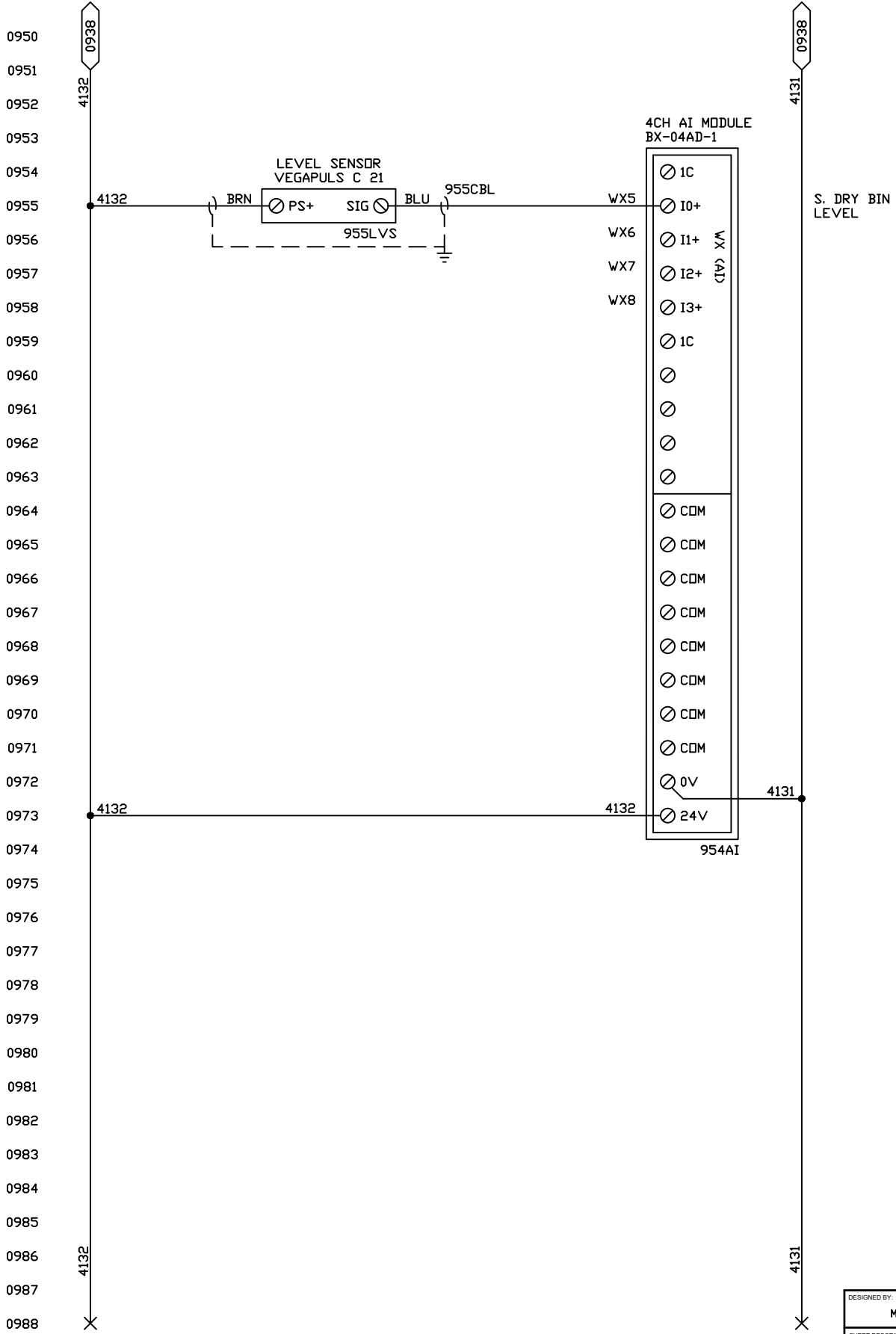
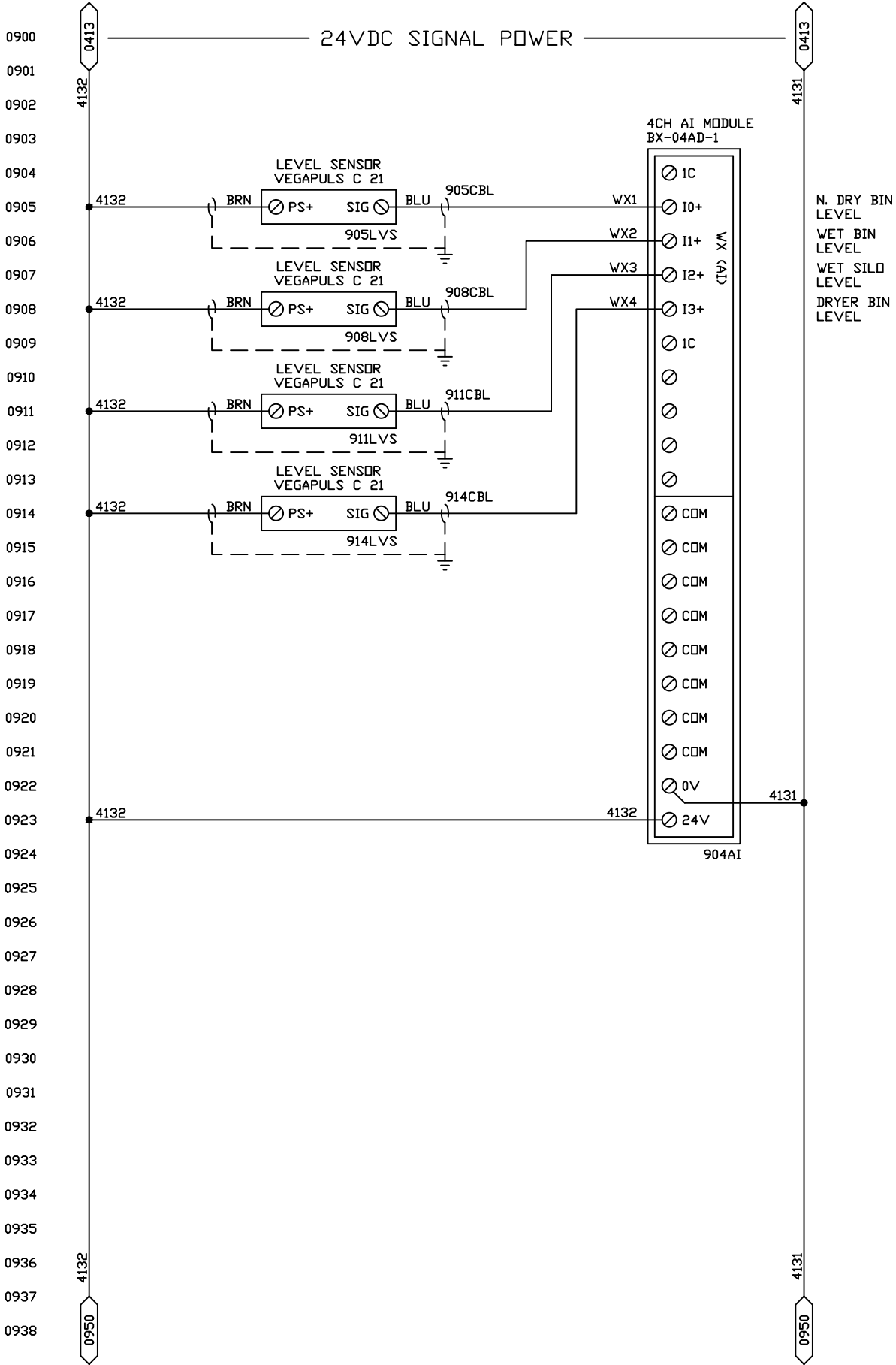
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	08
TOTAL NO. SHEETS:	25

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

REVISION HISTORY				
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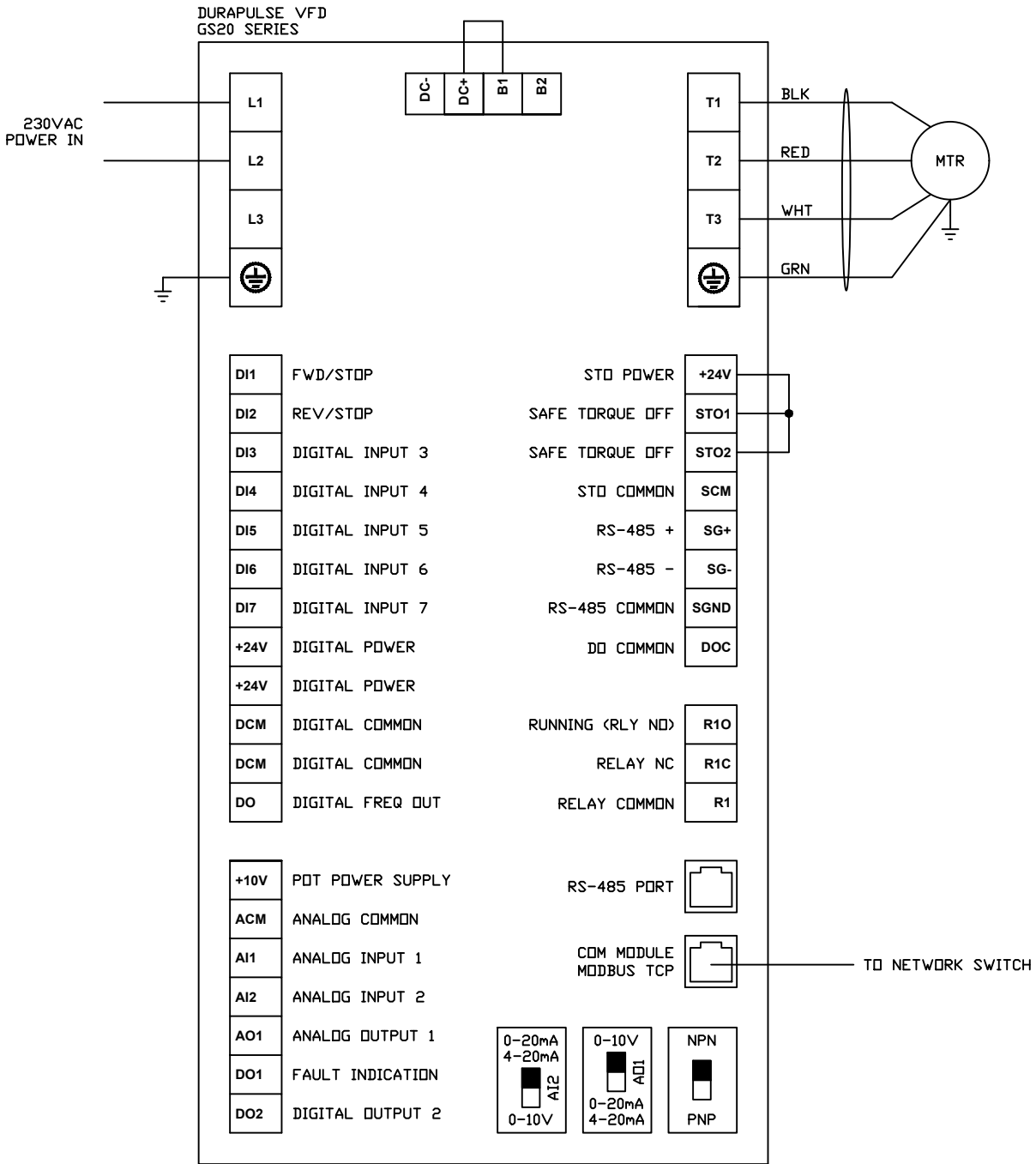


SHEET NUMBER:	09
TOTAL NO. SHEETS:	25


DESIGNED BY: ME	DATE: 20210828	 LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: AI MODULE 1, 2		
MACHINE NAME: SWOISH FARM GRAIN CONTROL	DRAWING NO: ME21000E09	

REVISION HISTORY				
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DURAPULSE VFD TYPICAL CONNECTIONS

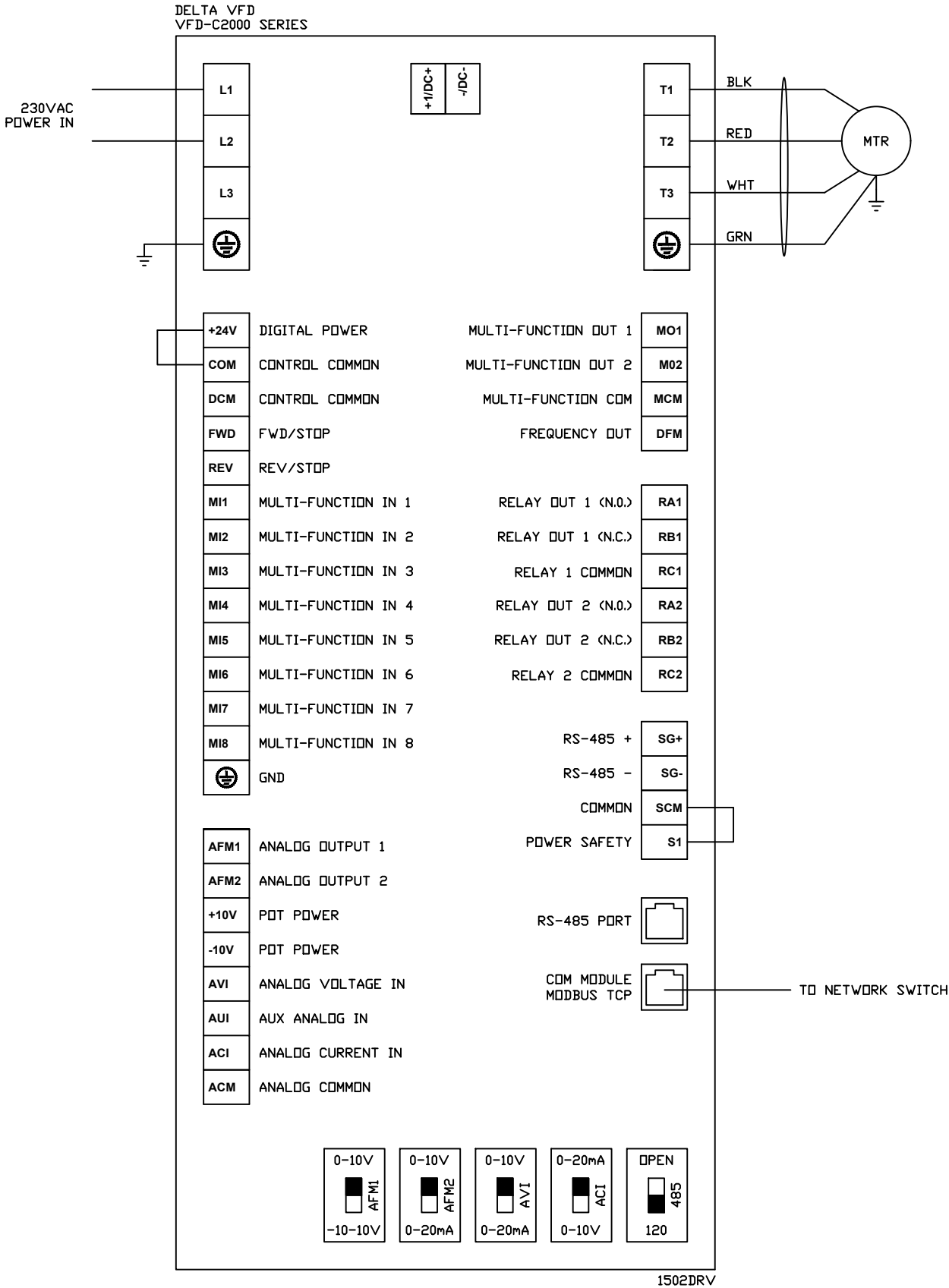


SHEET NUMBER:	12
TOTAL NO. SHEETS:	25


DESIGNED BY: ME	DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: DURAPULSE VFD (TYPICAL)		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		
		DRAWING NO: ME21000E12

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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DELTA VFD TYPICAL CONNECTIONS

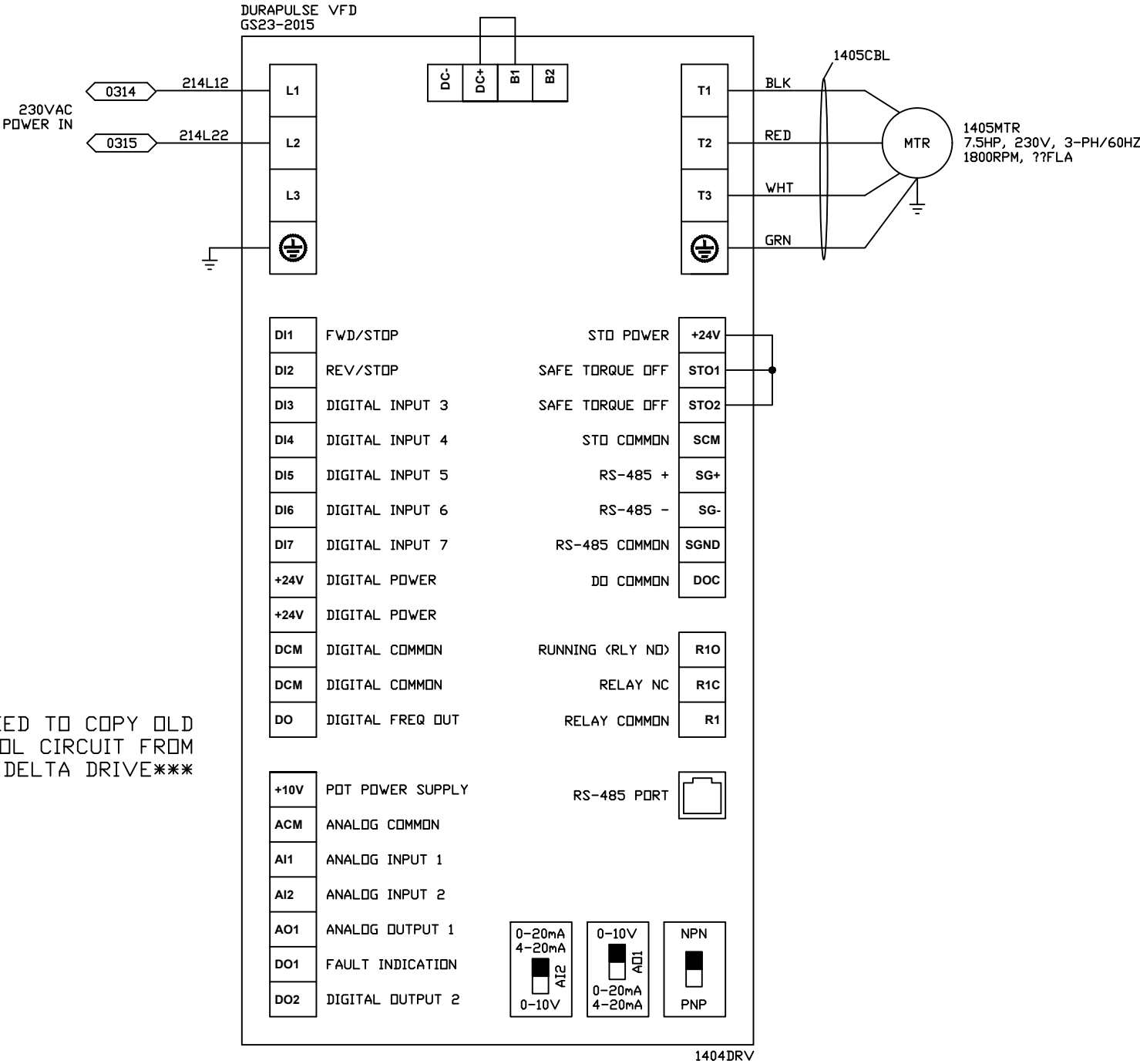


SHEET NUMBER:	13
TOTAL NO. SHEETS:	25

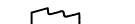
DESIGNED BY: ME	DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: DELTA VFD (TYPICAL)		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E13

REVISION HISTORY				
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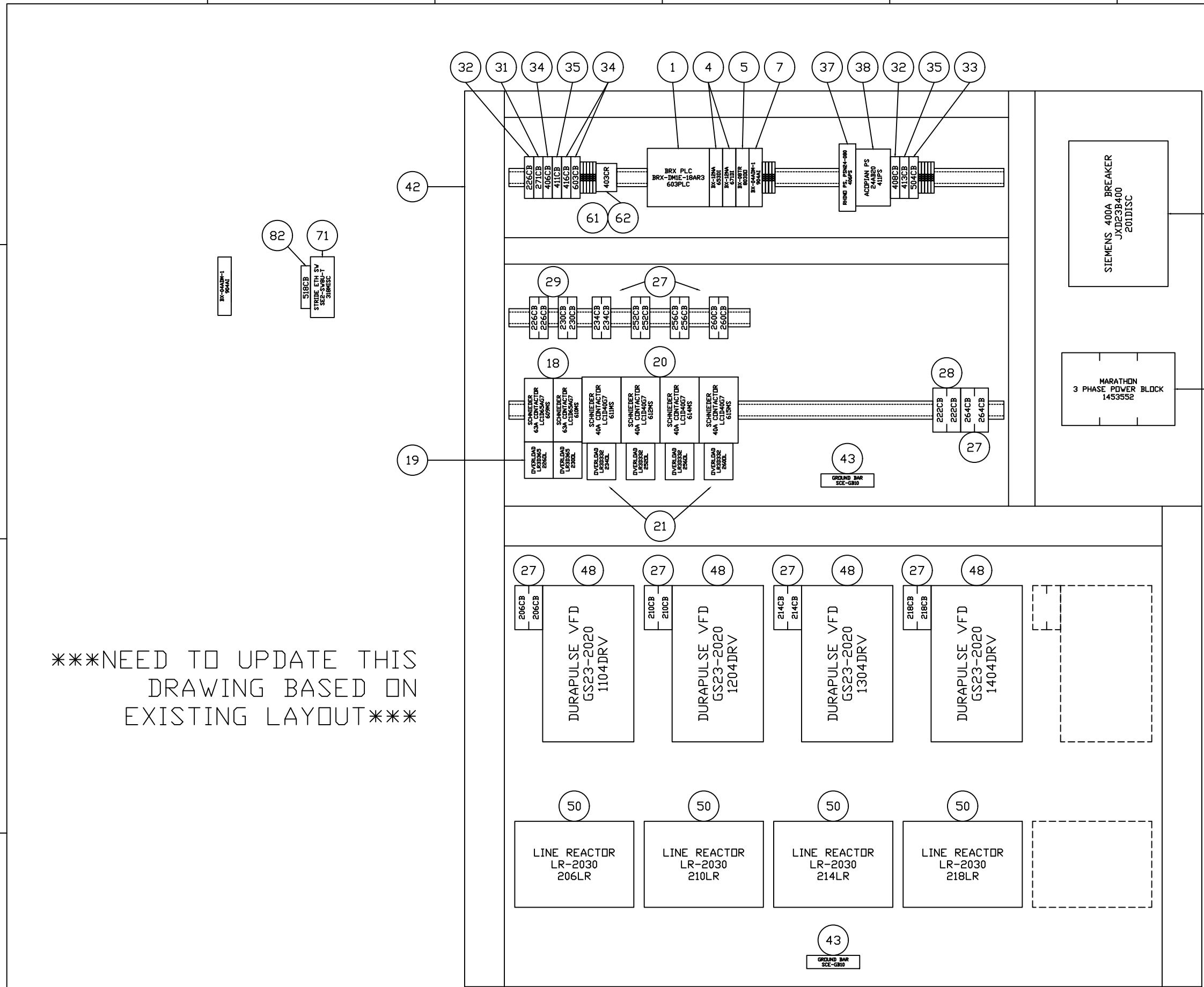
LOCATED IN OUTSIDE CABINET
QUICK CLEANER VFD




***NEED TO COPY OLD
CONTROL CIRCUIT FROM
DELTA DRIVE***

DESIGNED BY: ME		DATE: 20210828	 MEYERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: QUICK CLEANER VFD			
SHEET NUMBER: 14	MACHINE NAME: SWDISH FARM GRAIN CONTROL		DRAWING NO: ME21000E14
TOTAL NO. SHEETS: 25			

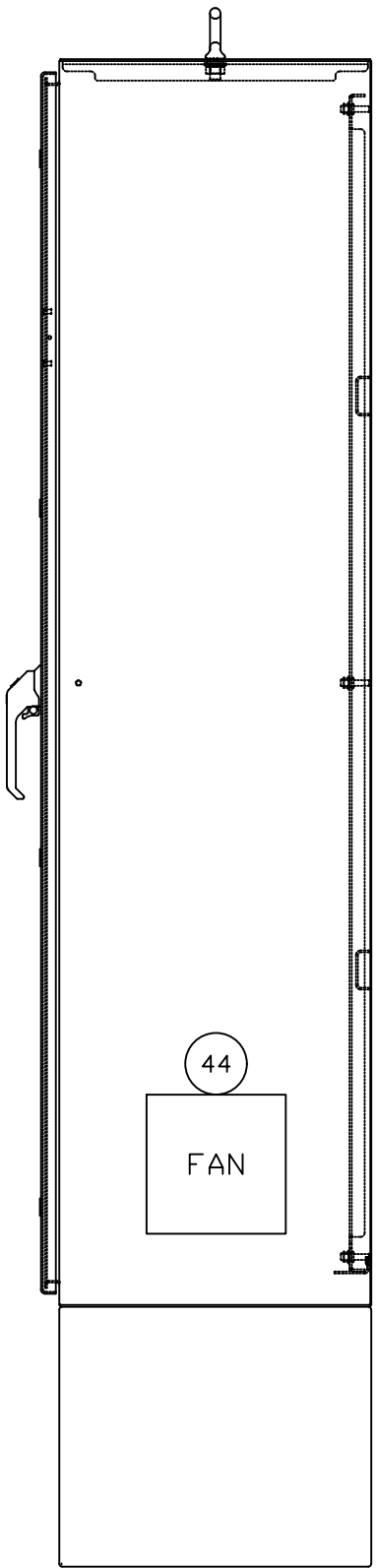
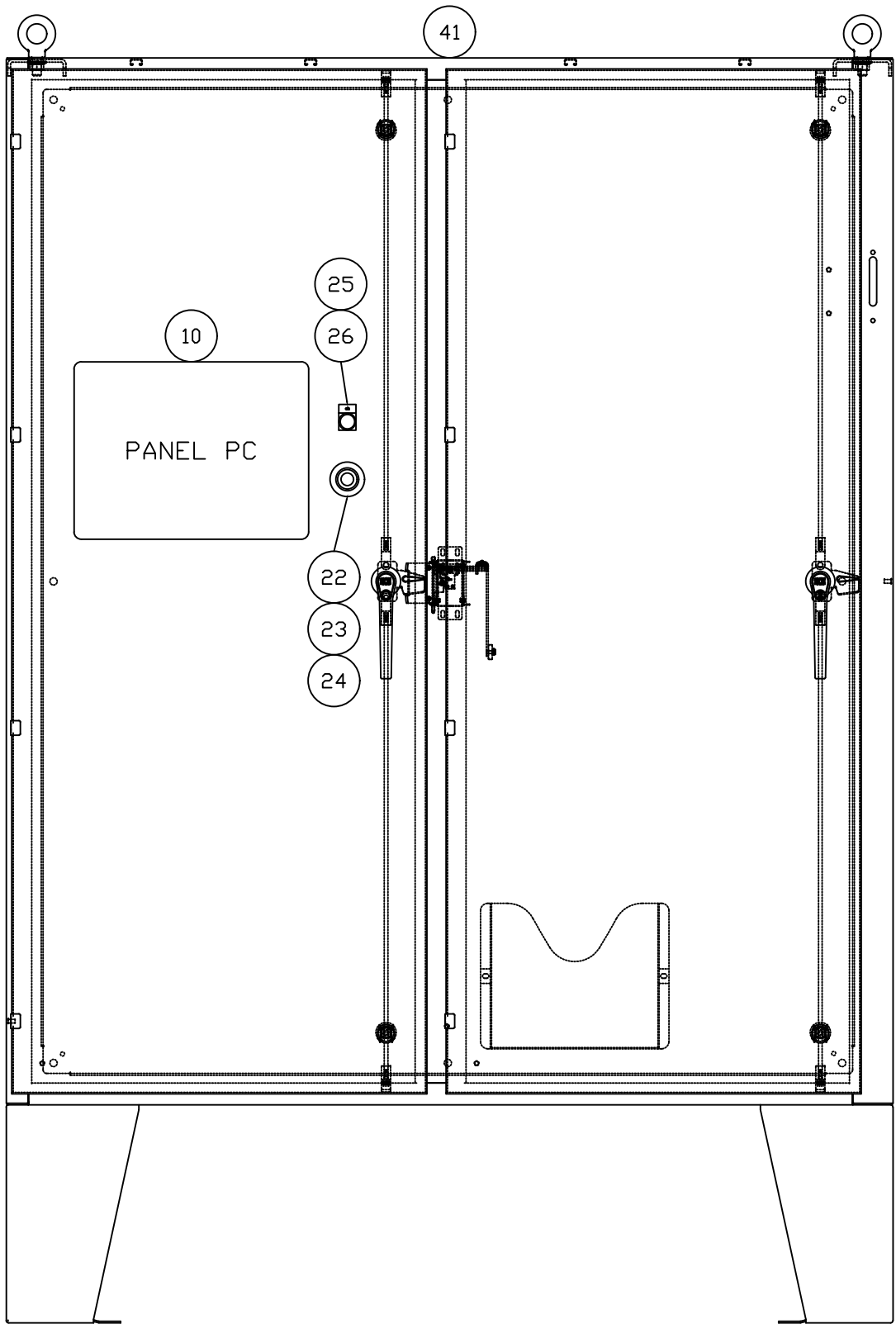
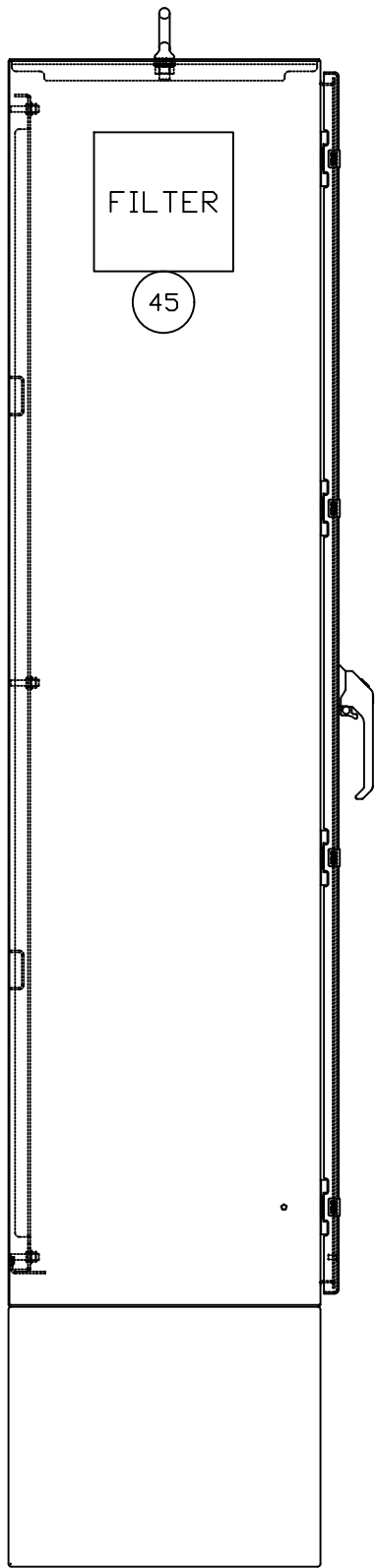
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	18
TOTAL NO. SHEETS:	25

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

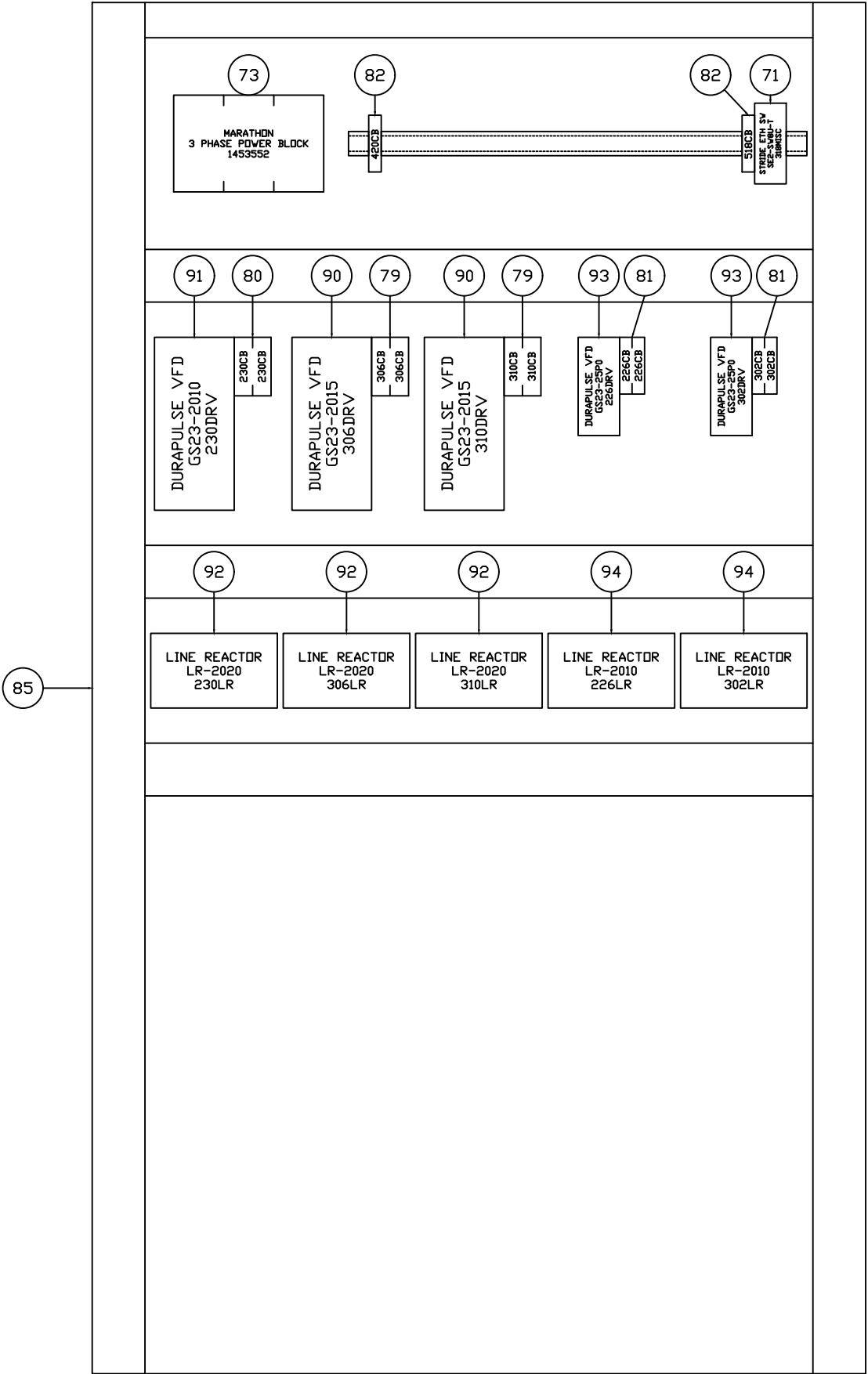
REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER:	19
TOTAL NO. SHEETS:	25

DESIGNED BY: ME	DATE: 20210828	 MVERS ELECTRIC LLC LAPEER, MICHIGAN 48446
SHEET DESCRIPTION: ENCLOSURE LAYOUT		
MACHINE NAME: SWDISH FARM GRAIN CONTROL		DRAWING NO: ME21000E19

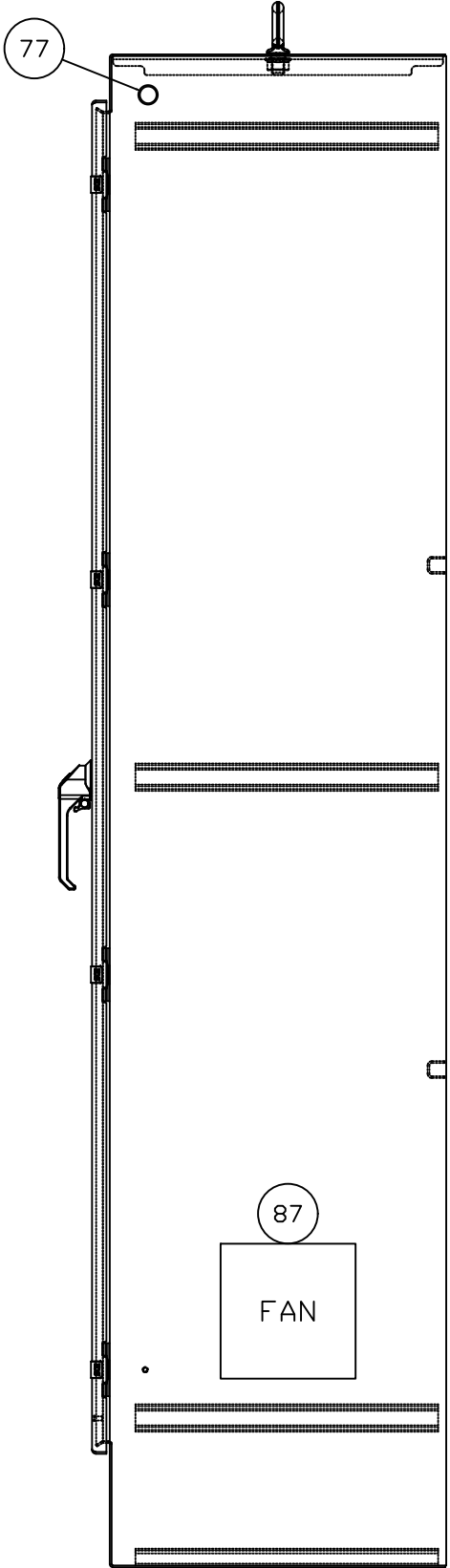
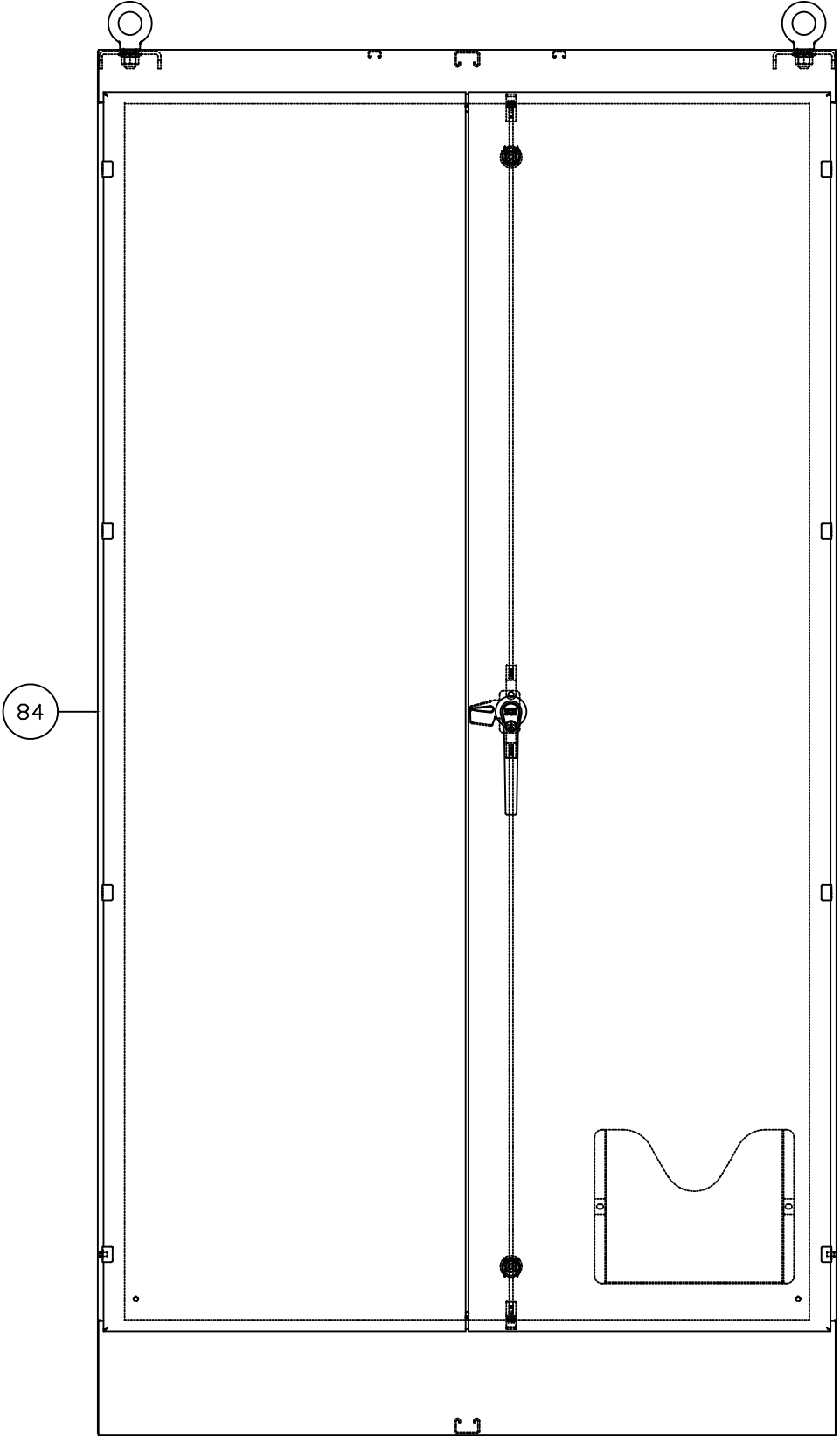
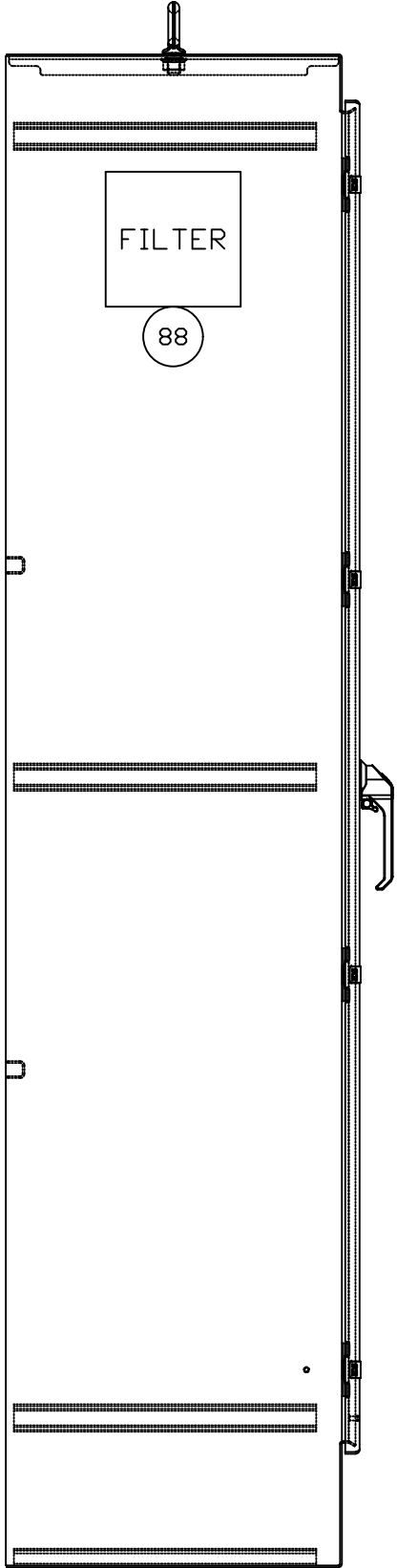
REVISION HISTORY				
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SHEET NUMBER:	20
TOTAL NO. SHEETS:	25

DESIGNED BY: ME	DATE: 20210525	
SHEET DESCRIPTION: PANEL LAYOUT (NORTH)		
MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E20

REVISION HISTORY				
DATE	REV	CHANGE DESCRIPTION	CHG BY	CHK BY
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SHEET NUMBER: <div>21</div>	DESIGNED BY: ME	DATE: 20220525	 MVERS ELECTRIC LLC LAPEER, MICHIGAN 48446
	SHEET DESCRIPTION: ENCLOSURE LAYOUT (NORTH)		
TOTAL NO. SHEETS: <div>25</div>	MACHINE NAME: SWOISH FARM GRAIN CONTROL		DRAWING NO: ME21000E21