



CUSTOMER: AIR2O
LOCATION: WHOLE FOODS MADISON
DESCRIPTION: DHP-200 DEHUM
JOB NUMBER: 11757

2020 STOCK DEHUM - ALC DF	
DRAWING INDEX	
SHEET #	DESCRIPTION
COVER	COVER
INDEX	DRAWING INDEX
DETAILS	DRAWING DETAILS
SETTINGS	DEVICE SETTINGS
BOM	BILL OF MATERIALS
E01	ELEVATION (INSIDE) - PANEL LAYOUT
E02	ELEVATION (INSIDE) - PANEL DETAILS
E03	ELEVATION (INSIDE) - TERMINAL BLOCK/RELAY LAYOUT
LEGEND	SCHEMATIC - LEGEND
S01	SCHEMATIC - CIRCUIT A 480VAC POWER DISTRIBUTION 1
S02	SCHEMATIC - CIRCUIT A 480VAC POWER DISTRIBUTION 2
S03	SCHEMATIC - CIRCUIT A 480VAC POWER DISTRIBUTION 3
S04	SCHEMATIC - CIRCUIT A 480VAC POWER DISTRIBUTION 4
S05	SCHEMATIC - CIRCUIT B 480VAC POWER DISTRIBUTION
S06	SCHEMATIC - 120VAC CONTROL POWER
S07	SCHEMATIC - 24VDC CONTROL POWER
S08	SCHEMATIC - 24VAC CONTROL POWER
S09	SCHEMATIC - PLC CONNECTIONS 1
S10	SCHEMATIC - PLC CONNECTIONS 2
S11	SCHEMATIC - PLC CONNECTIONS 3
S12	SCHEMATIC - PLC CONNECTIONS 4
S13	SCHEMATIC - PLC CONNECTIONS 5
S14	SCHEMATIC - PLC CONNECTIONS 6
S15	SCHEMATIC - PLC CONNECTIONS 7
S16	SCHEMATIC - PLC CONNECTIONS 8
S17	SCHEMATIC - PLC CONNECTIONS 9
S18	SCHEMATIC - PLC CONNECTIONS 10
S19	SCHEMATIC - PLC CONNECTIONS 11
S20	SCHEMATIC - PLC CONNECTIONS 12
S21	SCHEMATIC - PLC CONNECTIONS 13

WIRE COLOR		
BROWN	12AWG OR BIGGER	480Y/277VAC PHASE A
ORANGE	12AWG OR BIGGER	480Y/277VAC PHASE B
YELLOW	12AWG OR BIGGER	480Y/277VAC PHASE C
GREY	ALL	277VAC NEUTRAL
BLACK	12AWG OR BIGGER	208Y/240Y/120VAC PHASE A
RED	12AWG OR BIGGER	208Y/240Y/120VAC PHASE B
BLUE	12AWG OR BIGGER	208Y/240Y/120VAC PHASE C
BLACK	14AWG OR SMALLER	120VAC SUPPLY POWER
RED	14AWG OR SMALLER	120VAC CONTROL
ORANGE	ALL	+24VAC SUPPLY POWER
WHITE W/ ORANGE	ALL	24VAC NEUTRAL
BLUE W/ WHITE	ALL	+24VAC CONTROL
WHITE	ALL	120 TO 240VAC NEUTRAL
VIOLET	ALL	+24VDC SUPPLY POWER
BLUE	14AWG OR SMALLER	+24VDC CONTROL
WHITE W/ BLUE	ALL	-24VDC
YELLOW	16AWG OR SMALLER	FOREIGN VOLTAGE
GREEN	ALL	GROUND

CIRCUIT BREAKER SCHEDULE				
CB NO.	RATING	CURVE	BRANCH	DESCRIPTION
CB1	2A	C	BRANCH	VOLTAGE MONITORING RELAY
CB2	15A	D	BRANCH	CPT1 TRANSFORMER PRIMARY
CB3	2A	D	BRANCH	CPT2 TRANSFORMER PRIMARY
CB4	30A	D	BRANCH	CPT1 TRANSFORMER SECONDARY
CB5	20A	D	BRANCH	GAS HEATER
CB6	5A	D	SUPPLEMENTARY	PS1 DC SUPPLY PRIMARY/MOTOR STARTER COILS
CB7	16A	D	BRANCH	GFCI RECEPTACLE
CB8	10A	D	BRANCH	PS1 DC SUPPLY OUTPUT
CB9	16A	D	BRANCH	CPT2 TRANSFORMER SECONDARY
CB10	5A	D	SUPPLEMENTARY	CONTROL POWER
CB11	5A	D	SUPPLEMENTARY	CONTROL POWER
CB12	5A	D	SUPPLEMENTARY	CONTROL POWER

UL INFORMATION CIRCUIT A	
MAX VOLTAGE	480VAC
PHASE	3PH
CABINET TYPE	OPEN
TOTAL FLA	129.00A
LARGEST FLA	43.00A
SCCR	10kA

FABRICATION DETAILS	
DOOR LABELS	DECALS
WIRE LABELS	SHRINK
WIRE FERRULES	SHOP STANDARD
HARDWARE	STANDARD / PLASTIC
SPECIAL INSTRUCTIONS: DIN RAIL, WIREWAY LABELS, ETC	

UL INFORMATION CIRCUIT B	
MAX VOLTAGE	480VAC
PHASE	3PH
CABINET TYPE	OPEN
TOTAL FLA	145.50A
LARGEST FLA	29.10A
SCCR	10kA

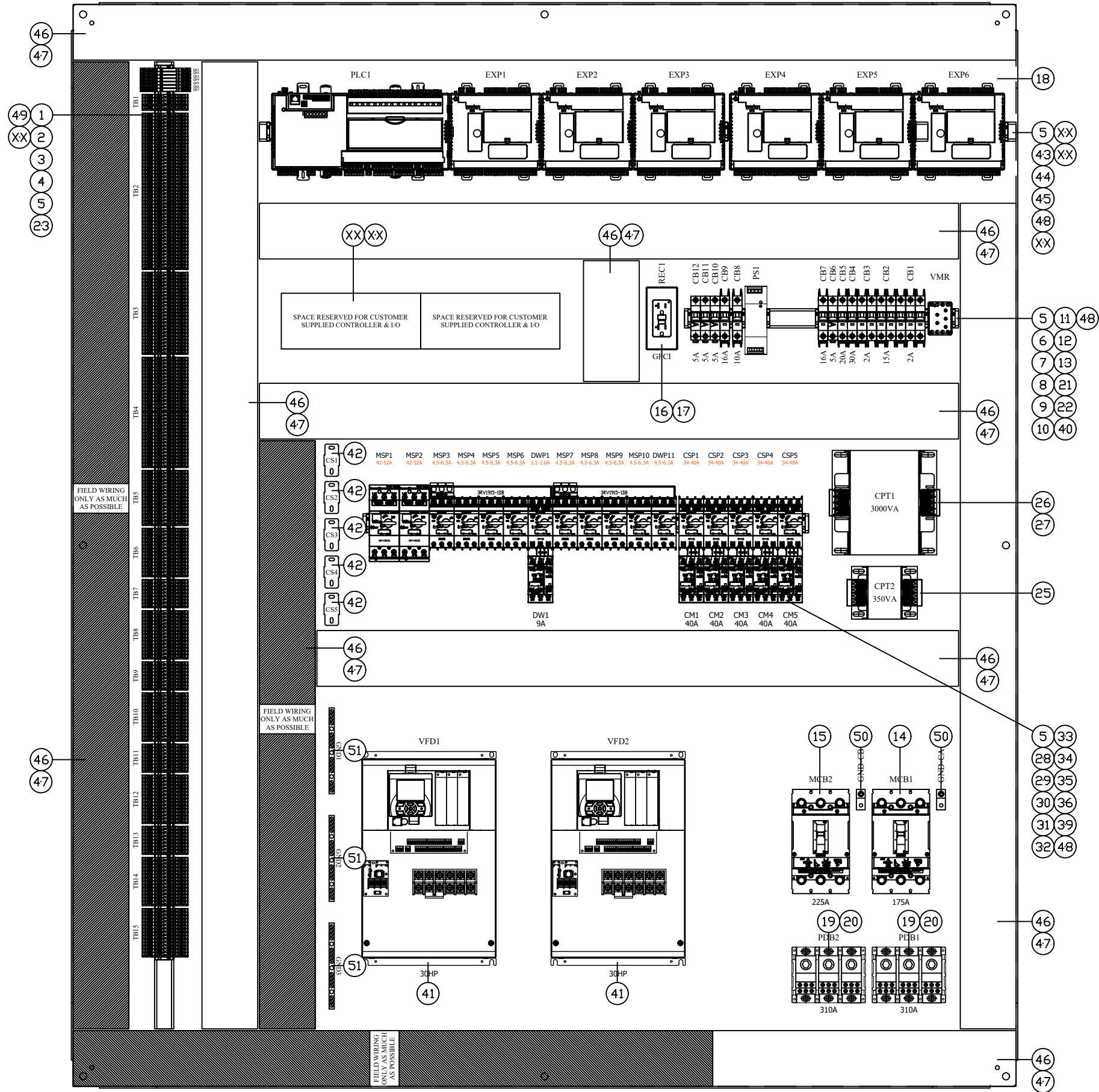
UL INFORMATION CIRCUIT C	
MAX VOLTAGE	120VAC
PHASE	1PH
CABINET TYPE	OPEN
TOTAL FLA	15A
LARGEST FLA	15A
SCCR	10kA

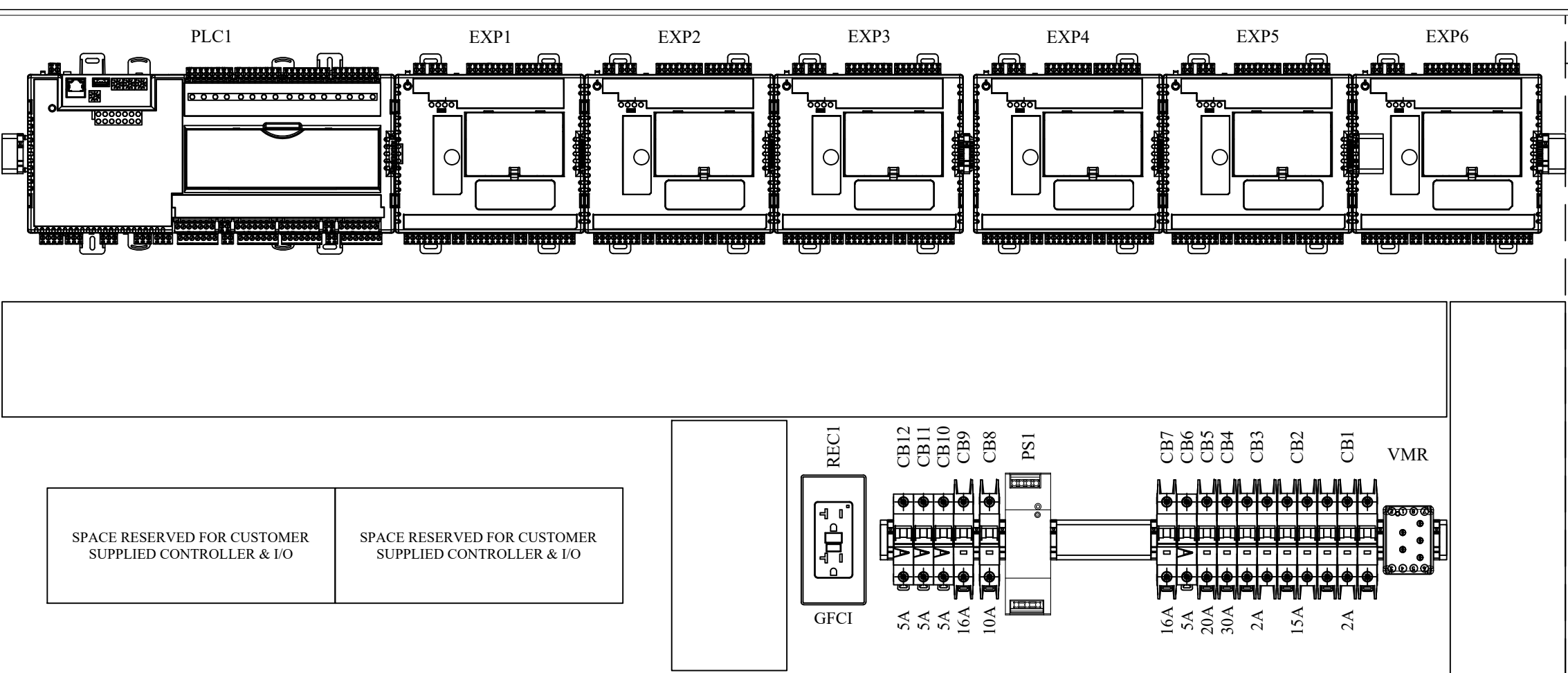
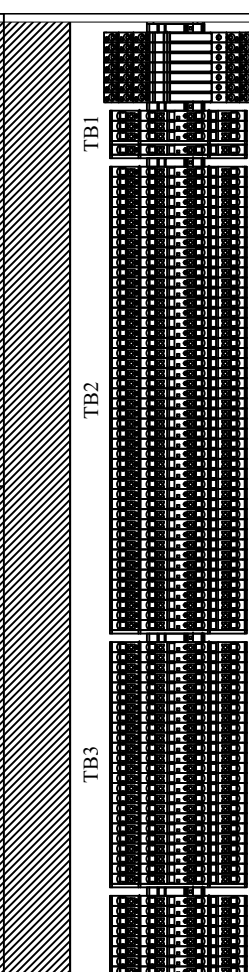
SUPPLY FAN VFD PARAMETERS - HITACHI #P1-00470-HFUF		
PARAMETER	CODE	DESCRIPTION
ALL PARAMETERS	-	PARAMETERS ARE SET TO FACTORY DEFAULT
DIP SWITCHES		
ALL DIP SWITCHES	-	DIP SWITCHES ARE SET TO FACTORY DEFAULT

ITEM	QTY	P/N	MANUF.	DESC.	NOTES
1	238.0	3211786	PHOENIX CONTACT	DOUBLE-LEVEL TERMINAL BLOCK, CONNECTION METHOD: PUSH-IN CONNECTION	
2	17.0	3030462	PHOENIX CONTACT	D-STT 8 4 END COVER	
3	8.0	0828746	PHOENIX CONTACT	MARKER FOR TERMINAL BLOCKS - UCT-TMF 6 (60 PER SHEET)	
4	18.0	3030271	PHOENIX CONTACT	10-POLE JUMPER FOR 30A STANDARD	
5	34.0	3022276	PHOENIX CONTACT	CLIPFIX QUICK MOUNTING END BRACKET L 48.5 X W 5.5 X H 35MM GRAY	
6	4.0	FAZ-D5-1-SP	EATON	5A SUPPLEMENTARY CIRCUIT BREAKER 1 POLE D-CURVE	PS1 PRIMARY/FIELD POWER (AC/DC)
7	1.0	FAZ-D10-1-NA-SP	EATON	10A BRANCH CIRCUIT BREAKER 1 POLE D-CURVE	PS1 SECONDARY
8	2.0	FAZ-D15-1-NA-SP	EATON	15A BRANCH CIRCUIT BREAKER 1 POLE D-CURVE	RECEPTACLE/CPT2 SECONDARY
9	1.0	FAZ-D20-1-NA-SP	EATON	20A BRANCH CIRCUIT BREAKER 1 POLE D-CURVE	HEATER
10	1.0	FAZ-D30-1-NA-SP	EATON	30A BRANCH CIRCUIT BREAKER 1 POLE D-CURVE	CPT1 SECONDARY
11	1.0	FAZ-D2-2-NA	EATON	2A BRANCH CIRCUIT BREAKER 2 POLE D-CURVE	CPT2 PRIMARY
12	1.0	FAZ-D15-2-NA	EATON	15A BRANCH CIRCUIT BREAKER 2 POLE D-CURVE	CPT1 PRIMARY
13	1.0	FAZ-CD2-3-NA	EATON	2A BRANCH CIRCUIT BREAKER 3 POLE C-CURVE	VMR
14	1.0	UTS250-N-FTU-175-3	LS INDUSTRIAL	175 AMP MOLDED CASE CIRCUIT BREAKER STANDARD CAPACITY - 35KA RATING @ 460VAC	CIRCUIT A 480VAC POWER
15	1.0	UTS250-N-FTU-225-3	LS INDUSTRIAL	225 AMP MOLDED CASE CIRCUIT BREAKER STANDARD CAPACITY - 35KA RATING @ 460VAC	CIRCUIT B 480VAC POWER
16	1.0	ANKPS-301	ANKO	DUPLEX GFCI 20A W/ INDOOR COVER	
17	1.0	5320-0	BELL	BOX OUTDOOR SINGLE GANG Q3 1/2IN HOLES	
18	1.0	SCE-90P72F1	SAGINAW	78X68 BACK PANEL W PANEL SUPPORT KIT	
19	2.0	PB3063	EDISON	3-POLE POWER D-BLOCK 310A 1 LINE, 6 LOAD	
20	2.0	PBC33	EDISON	3-POLE POWER D-BLOCK COVER 310-570	
21	1.0	SR2P-06	IDEC	8-PIN SOCKET 300V 10A	
22	1.0	PMPU	MACROMATIC	UNIVERSAL PHASE MONITOR 480V MAX 8P	
23	7.0	2903370	PHOENIX CONTACT	RELAY MODULE SPDT 24VDC COIL	
24					
25	1.0	MT0350B	SIEMENS	350VA CONTROL TRANSFORMER 240/480-24VAC	
26	1.0	MT3000A	SIEMENS	3000VA 240/480-120VAC TRANSFORMER	
27	2.0	SPFG1	HAMMOND	FINGER GUARD FOR SP TRANSFORMER	
28	1.0	3RV20111AA10	SIEMENS	500 MOTOR PROTECTOR, 1.1-1.6 A, CLASS 10	
29	9.0	3RV20111GA10	SIEMENS	500 MOTOR PROTECTOR, 4.5-6.3 A, CLASS 10	
30	5.0	3RV20214FA10	SIEMENS	50 MOTOR PROTECTOR, 34-40 A, CLASS 10	
31	2.0	3RV20314WA10	SIEMENS	52 MOTOR PROTECTOR, 42-52 A, CLASS 10	
32	6.0	3RV29011E	SIEMENS	AUXILIARY SWITCH TRANSVERSE 1 NO+1 NC SCREW TERMINAL FOR BREAKER 3RV2	
33	1.0	3RT20231AK60	SIEMENS	9A STARTER 1NO1NC AUX 120 VAC COIL	
34	5.0	3RT20281AK60	SIEMENS	40A STARTER 1NO1NC AUX 120 VAC COIL	
35	6.0	3RA29211AA00	SIEMENS	LINK MODULE SCREW AC S0	
36	2.0	3RV29255AB	SIEMENS	BUSBAR 63A FEEDER TERMINAL	
37					
38					
39	2.0	3RV19151DB	SIEMENS	45-5-STARTERS 63A BUSBAR W/OUT AUX SPACING	
40	1.0	SDR-240-24	MEAN WELL	240W 10A POWER SUPPLY, 1PH 100-264VAC INPUT, 24VDC OUT	
41	2.0	P1-00470-HFUF	HITACHI	30HPVT 400-480VAC3PH VFD WITH OPERATOR	
42	5.0	H800	VERIS HAWKEYE	AC CURRENT SWITCH SOLID CORE 0.25-200A 1NO CONTACT	
43	1.0	L5-1628u	OEMCTRL	CPU CONTROLLER WITH 16 OUTPUTS & 28 INPUTS	PROVIDED BY AIR20
44	4.0	L5-XP812u	OEMCTRL	EXPANSION MODULE WITH 8 OUTPUTS & 12 INPUTS	PROVIDED BY AIR20
45	2.0	L5-XP012u	OEMCTRL	EXPANSION MODULE WITH 12 INPUTS	PROVIDED BY AIR20
46	9.0	3240205	PHOENIX CONTACT	CABLE DUCT 100MM X 100MM GRAY	
47	9.0	3240289	PHOENIX CONTACT	CABLE DUCT COVER 100MM GRAY	
48	4.0	0801733	PHOENIX CONTACT	DIN RAIL	
49	1.0	5604188	PHOENIX CONTACT	RAISED DIN RAIL	
50	2.0	ADR11	SQUARE D	1/0-14AWG GROUNDING LUG 1WIRE	
51	3.0	PK15GTA	SQUARE D	15PT GROUND BAR	
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60		PARTS SHIPPED LOOSE TO FACTORY			
61	4.0	A/1K-2W-A-24'-GD	ACI	24 FT. PLATINUM 1K OHM RTD FLEXIBLE AVERAGING DUCT TEMPERATURE SENSOR	
62	5.0	PTD25-10-1000H	PROSENSE	0-1000 PSIG RANGE, 0-10 VDC, 1/4IN MALE NPT PROCESS CONN, 16-32VDC, 4-PIN M12	
63	5.0	CD12M-0B-070-A1	MURR	CONNECTION CABLE, M12 FEMALE TO PIGTAIL, 4-POLE, PVC JACKET, GRAY, 22.9FT/7M LENGTH, IP67	
64	5.0	6ALC7	GRAINGER	1/4" FEMALE FLARE S.A.E. MOUNTING FAN CYCLING CONTROL (155 PSI CUT OUT)	
65	4.0	ADPS-03-2-N	DWYER	ADJUSTABLE DIFFERENTIAL PRESSURE SWITCH, SET POINT RANGE 0.20 TO 2.00" W.C., M20 CONNECTION	
66	1.0	Q8M3100U2.5	SIEMENS	AIR DIFFERENTIAL PRESSURE SENSOR WITH RANGE OF 0 TO 2.5" WC AND 4-20MA LOOP POWERED OUTPUT FOR INDOOR/ROOM/DUCT APPLICATION	
67	5.0	A/RH3-10K-E1-O	ACI	HUMIDITY, DUCT, ± 3% ACCURACY, RH/ RESISTIVE TEMP, 10K-E1, EURO, 0 TO 10 VDC (RH)	
68	2.0	M8700	MADISON	SPST TANK LIQUID LEVEL SWITCH SELECTABLE 240VAC 100 PSI	
69	2.0	SM-501-P	ACI	PHOTOELECTRIC SMOKE DETECTOR 24VAC/VDC/115VAC 2 ALARM RELAYS, 1 TROUBLE RELAY	
70	2.0	STN-5.0'	ACI	SMOKE DETECTOR SAMPLING TUBE 2.5FT-5FT DUCT WIDTH	
71	1.0	EQT2-4	OEMCTRL	4IN COLOR TOUCHSCREEN HMI	PROVIDED BY AIR20
72					
73					
74					
75		PARTS SHIPPED LOOSE TO JOB SITE			
76	1.0	Y150QTC3L0U	HAMMOND POWER	150KVA TRANSFORMER	
77	1.0	Y112QTC3L0U	HAMMOND POWER	112.5KVA TRANSFORMER	
78	2.0	HNF365RA	SIEMENS	400AMP DISCONNECT OUTDOOR RATED	
79					
80					

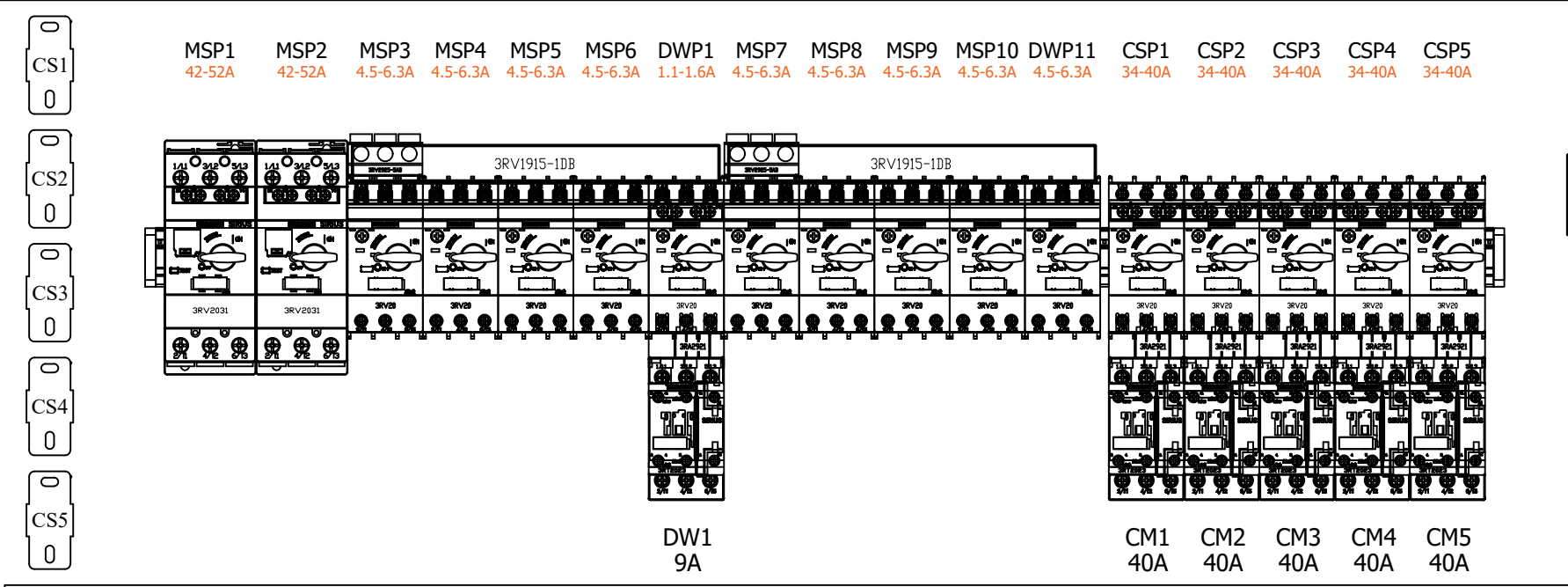
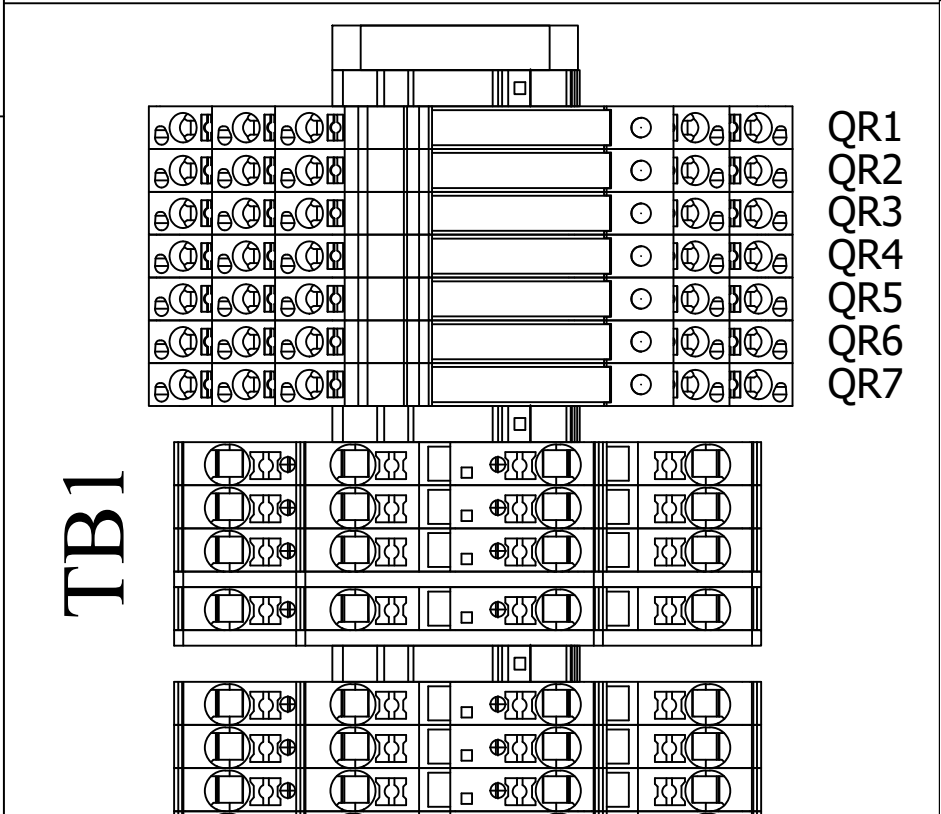
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NO.	BY	DATE	CKD	REMARKS	JOB# 11757
0	AFH	12/21/2020	TH	SUBMITTAL	
1	AFH	12/22/2020	TH	CONSTRUCTION/PRE-FAT	
2	AFH	12/30/2020	TH	AS-BUILT	
					DATE: 12/10/2020
					FAB01 OF FAB01
					DRAWING# 11757 AIR20-DHP-WF-MADISON
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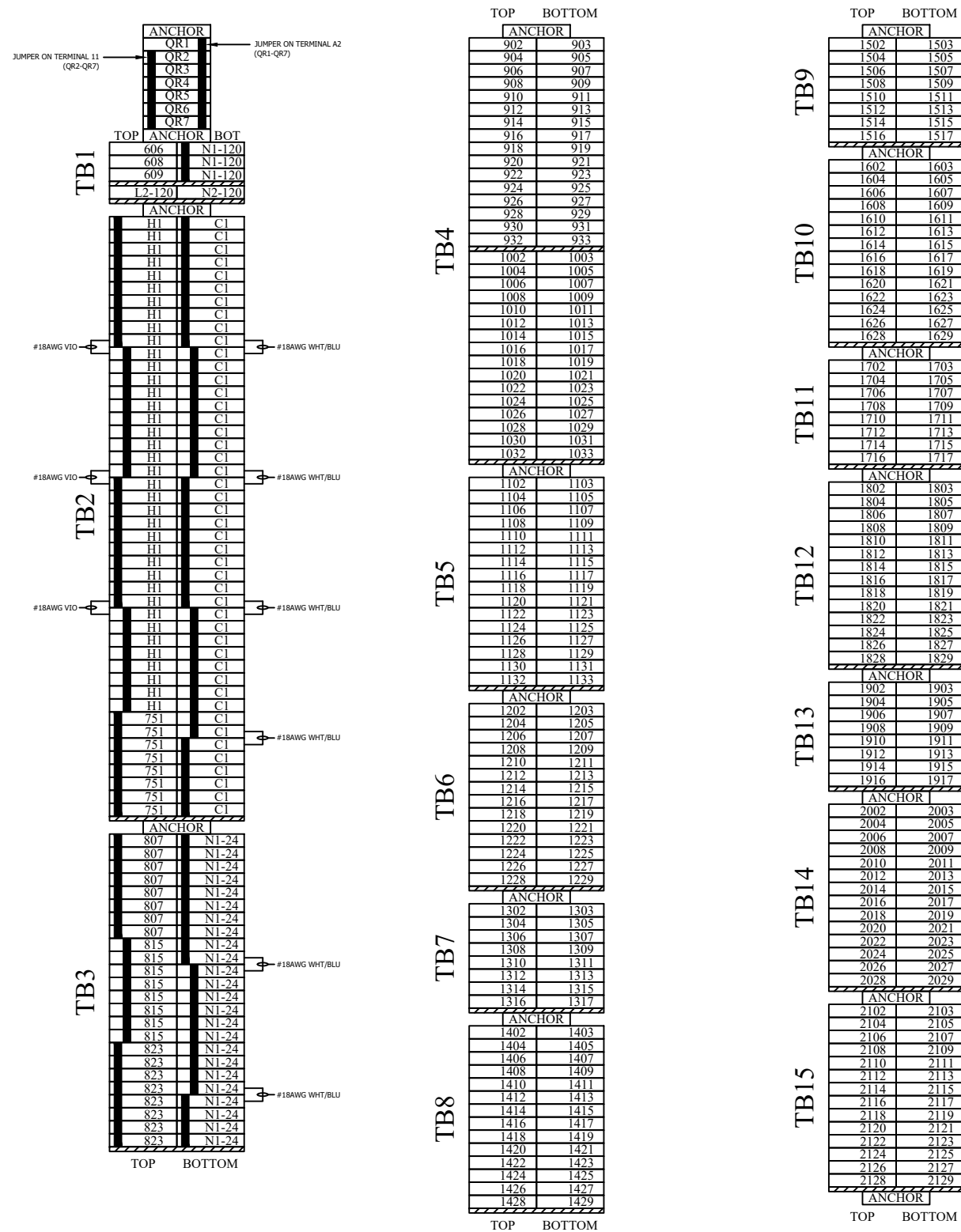


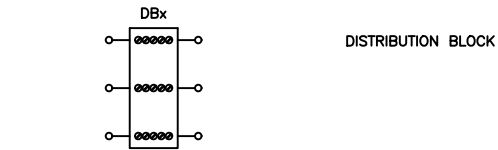


THIS DRAWING MUST BE FIELD VERIFIED BEFORE USE
DRAWING NOT TO SCALE UNLESS SCALE BAR IS PRESENT



TERMINAL BLOCK & RELAY LAYOUT

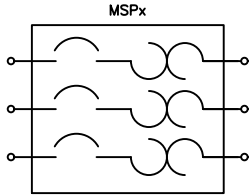




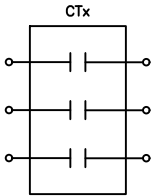
DISTRIBUTION BLOCK



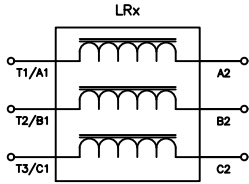
GROUND LUG



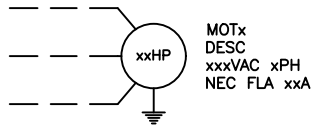
MOTOR STARTER PROTECTION



CONTACTOR



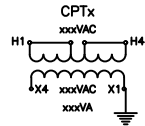
LINE REACTOR



MOTOR
3 PHASE



MOTOR
SINGLE PHASE



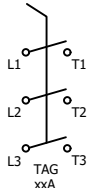
CONTROL POWER TRANSFORMER



TERMINAL BLOCK



CIRCUIT BREAKER



NON FUSIBLE
DISCONNECT



FUSE



FUSE WITH DISCONNECT



COIL
CONTACTOR (CTx) / CONTROL RELAY (CRx) / SAFETY RELAY (SRx)



CONTACT
NO



CONTACT
NC



PUSH BUTTON
NO CONTACT



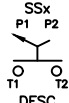
PUSH BUTTON
NC CONTACT



EMERGENCY STOP
NO CONTACT



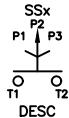
EMERGENCY STOP
NC CONTACT



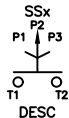
SELECTOR SWITCH
2 POSITION



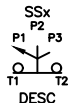
SELECTOR SWITCH
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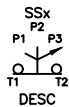
SELECTOR SWITCH
3 POSITION



SELECTOR SWITCH
3 POSITION



SELECTOR SWITCH
3 POSITION



SELECTOR SWITCH
3 POSITION



PANEL
INDICATOR



AUDIBLE



LEVEL SENSOR'
NO CONTACT



LEVEL SENSOR'
NC CONTACT



LEVEL SENSOR'
NO CONTACT



LEVEL SENSOR'
NC CONTACT



LIMIT SWITCH
NO CONTACT



LIMIT SWITCH
NC CONTACT



GENERIC SWITCH
NO CONTACT



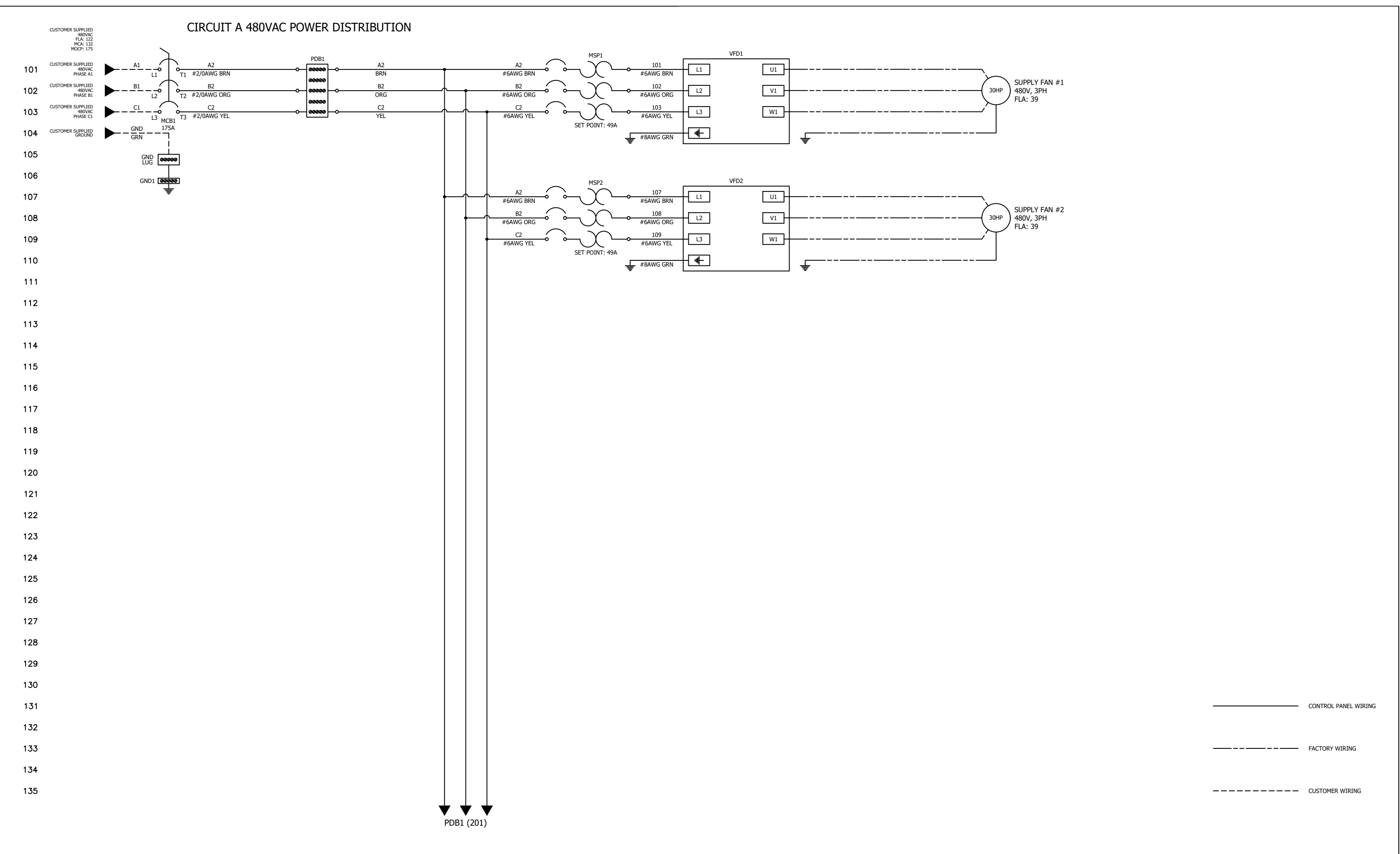
TEMPERATURE SWITCH
NO CONTACT



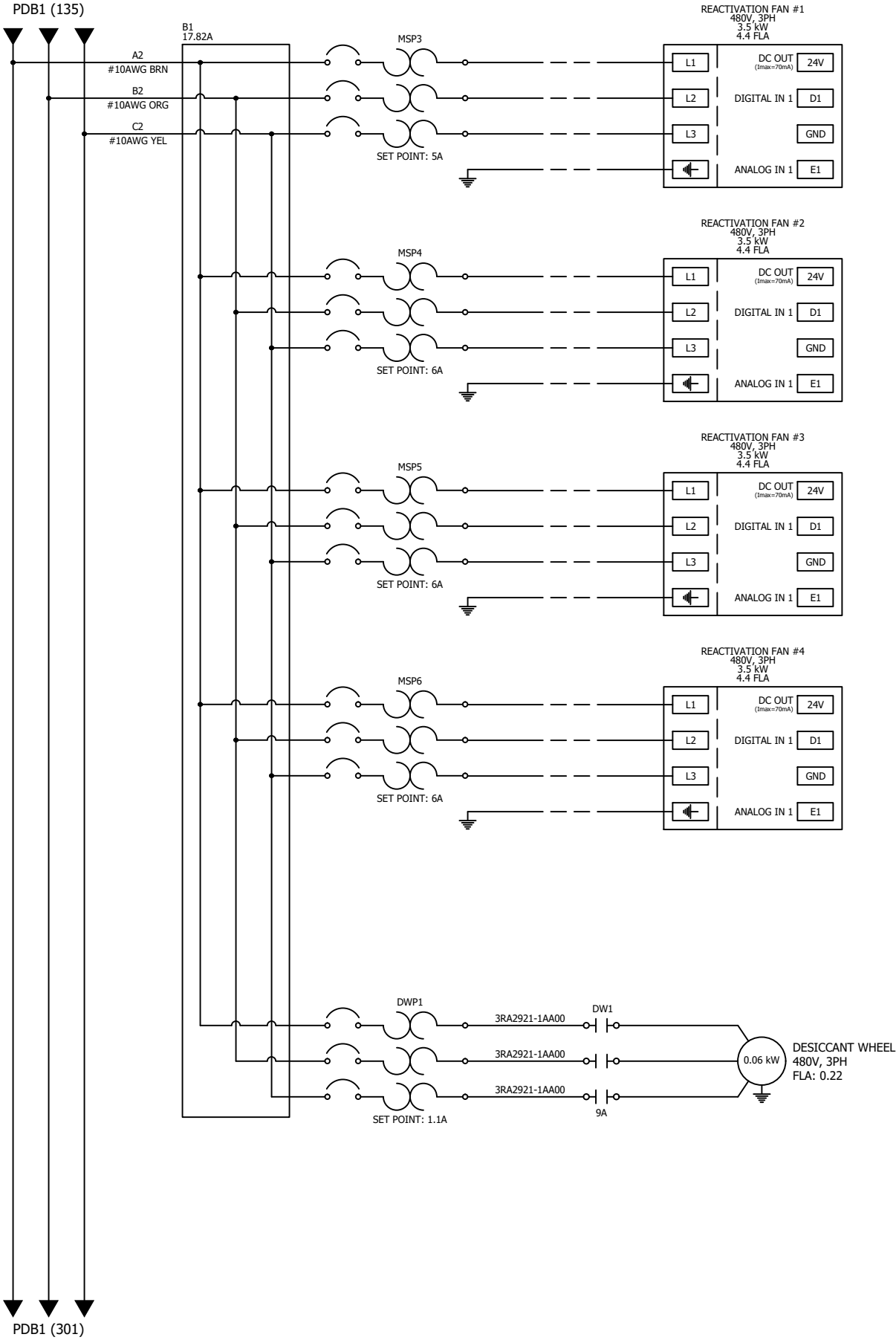
SOLENOID



PRESSURE
SENSOR

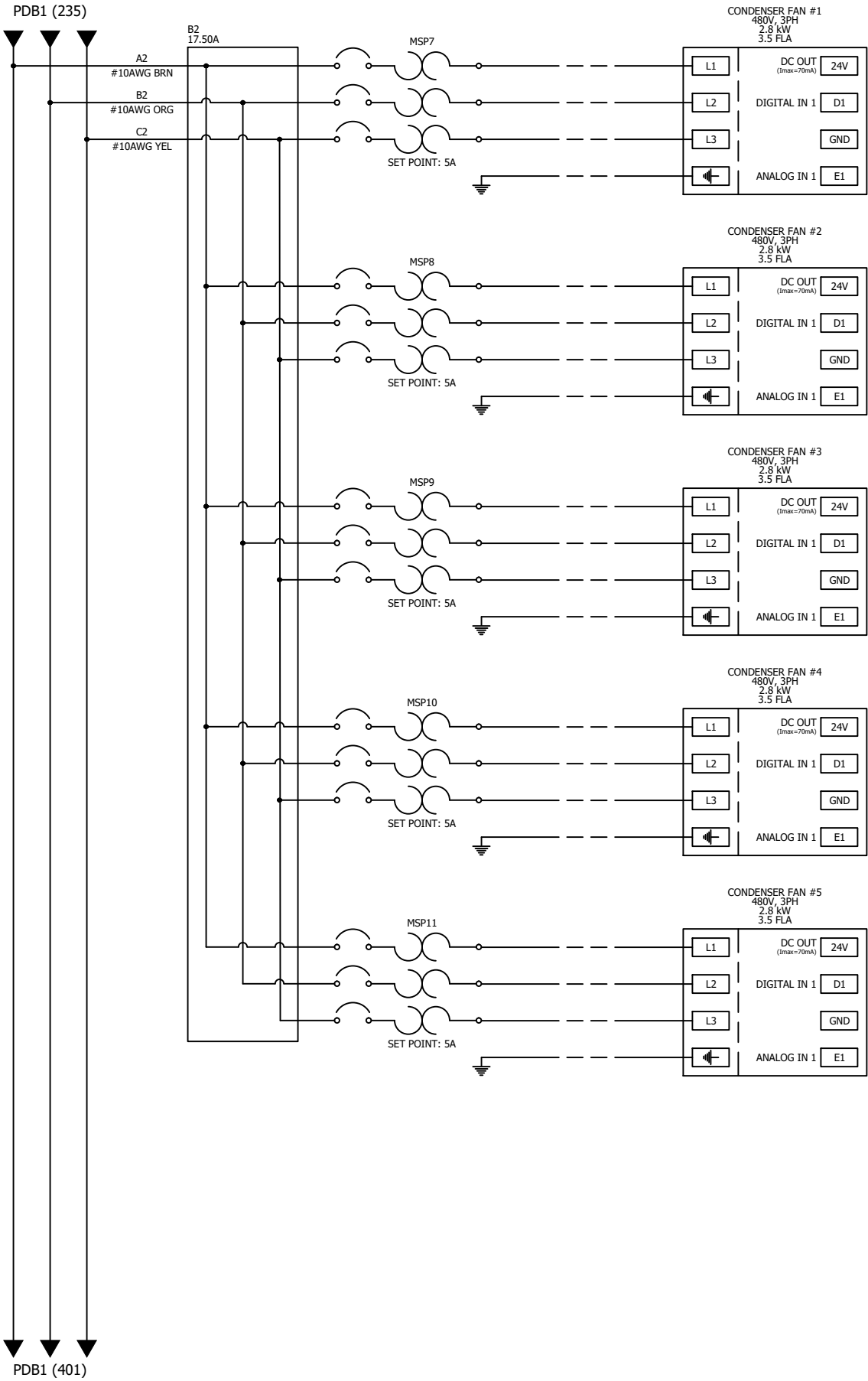


CIRCUIT A 480VAC POWER DISTRIBUTION



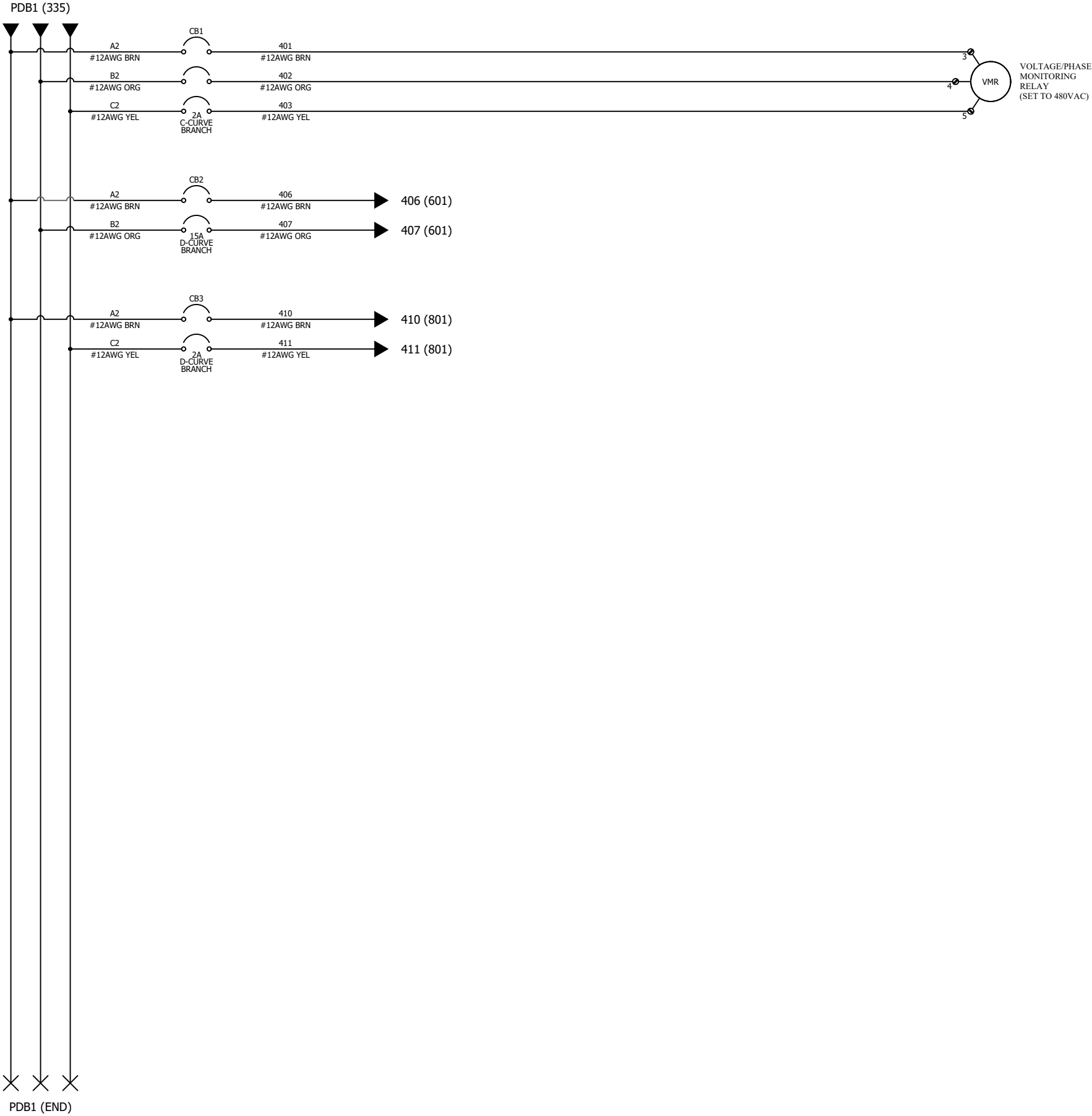
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CIRCUIT A 480VAC POWER DISTRIBUTION

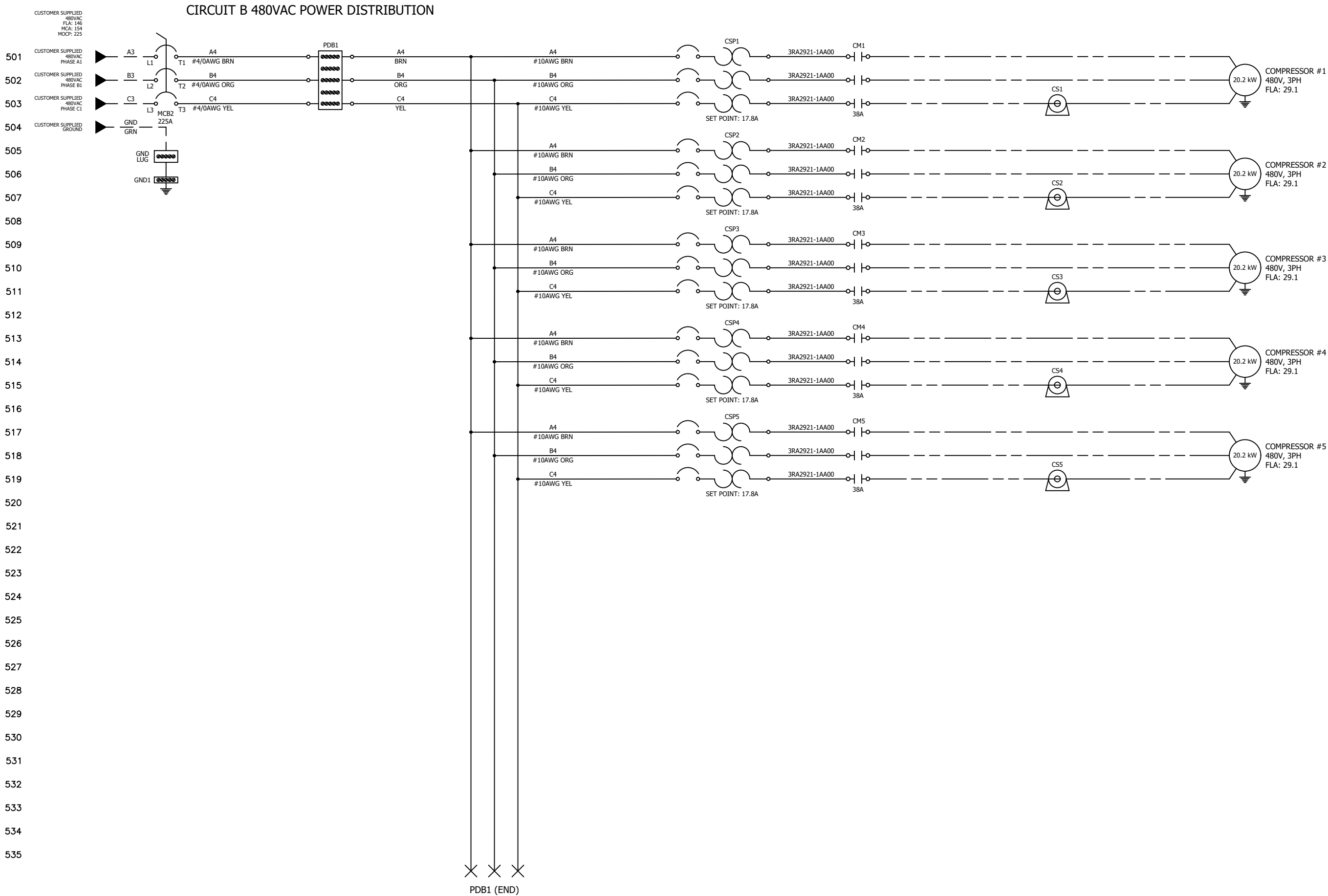


REVISIONS					REMARKS
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CIRCUIT A 480VAC POWER DISTRIBUTION



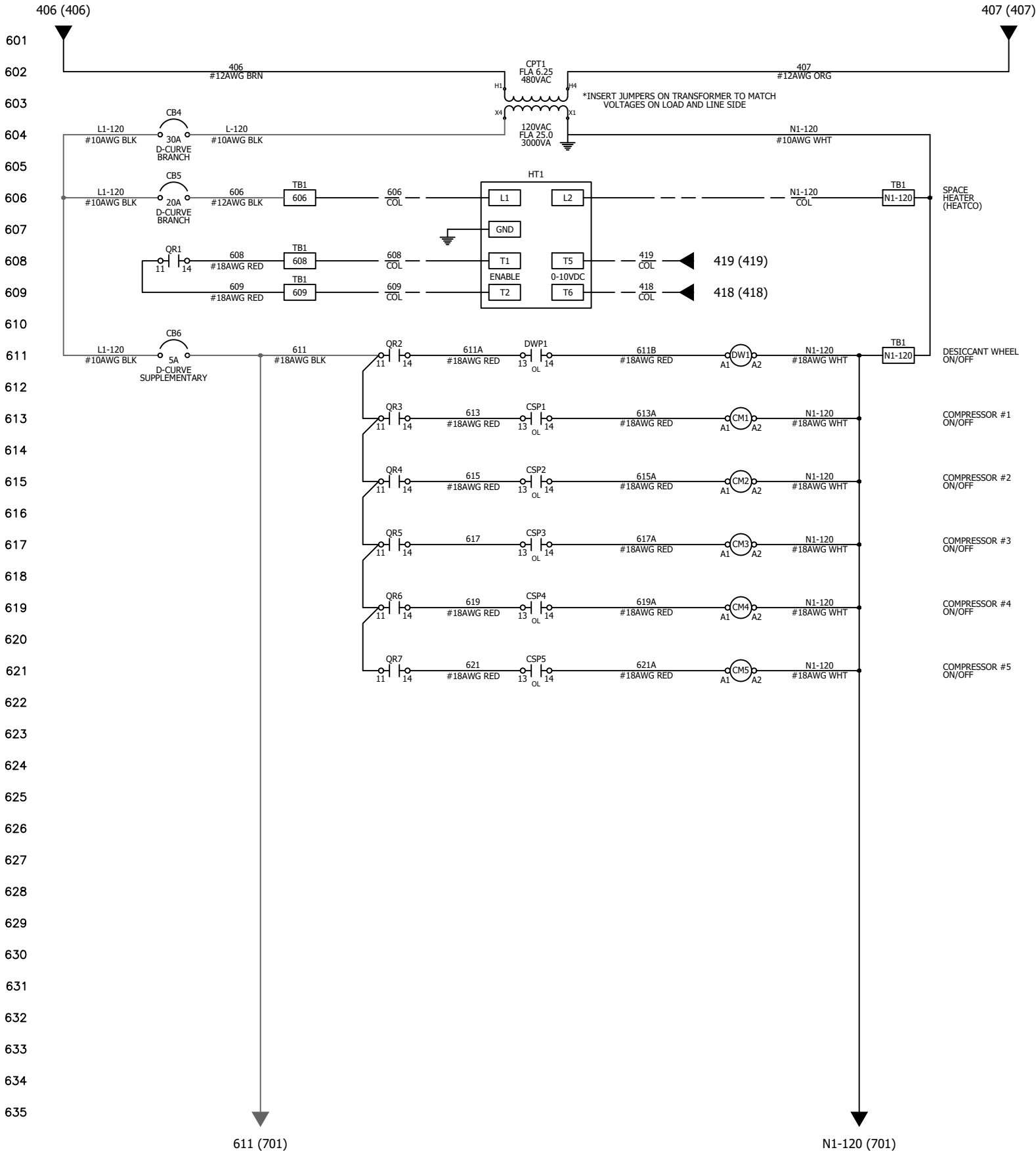
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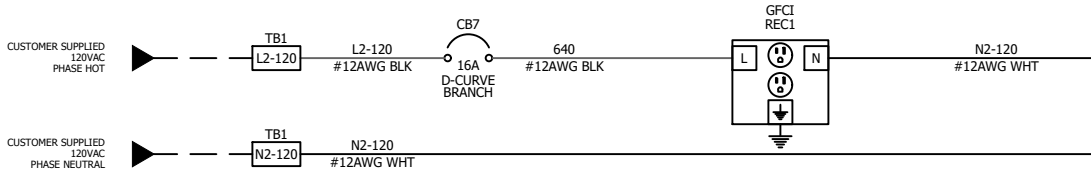
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2	AFH	12/30/2020	TH	AS-BUILT	

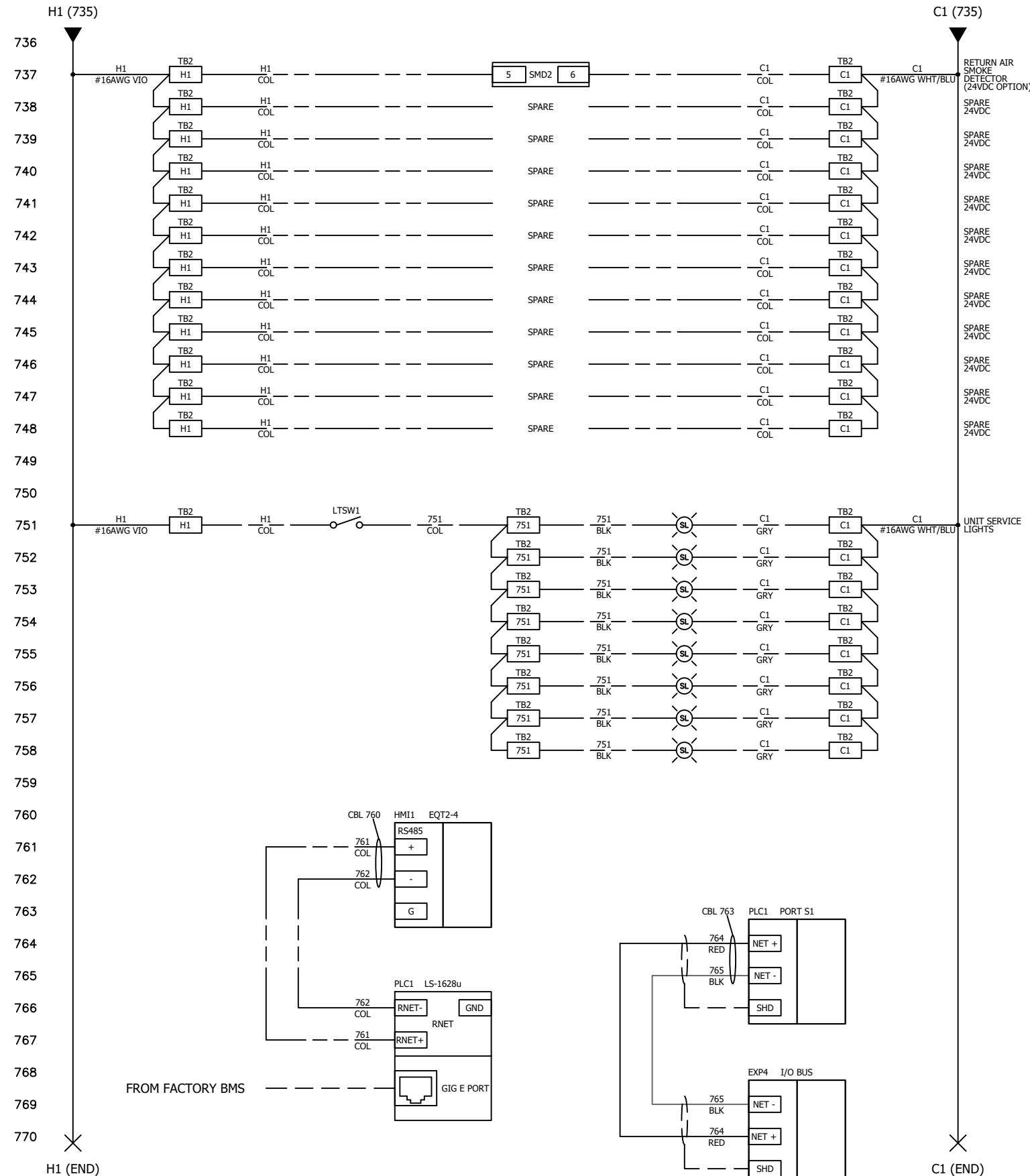
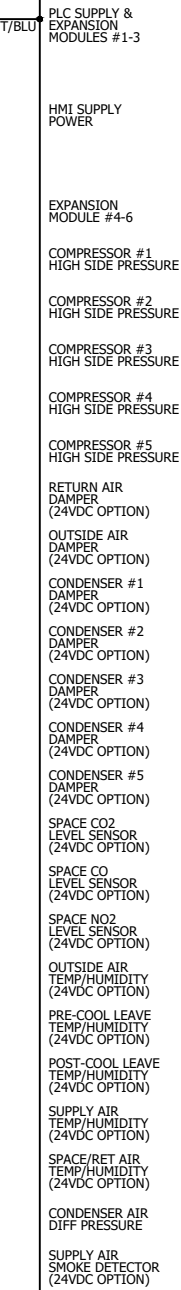
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JOB#	11757
DATE:	12/10/2020
S05 OF S21	
DRAWING#	11757 AIR20-DHP-WF-MADISON

120VAC CONTROL POWER



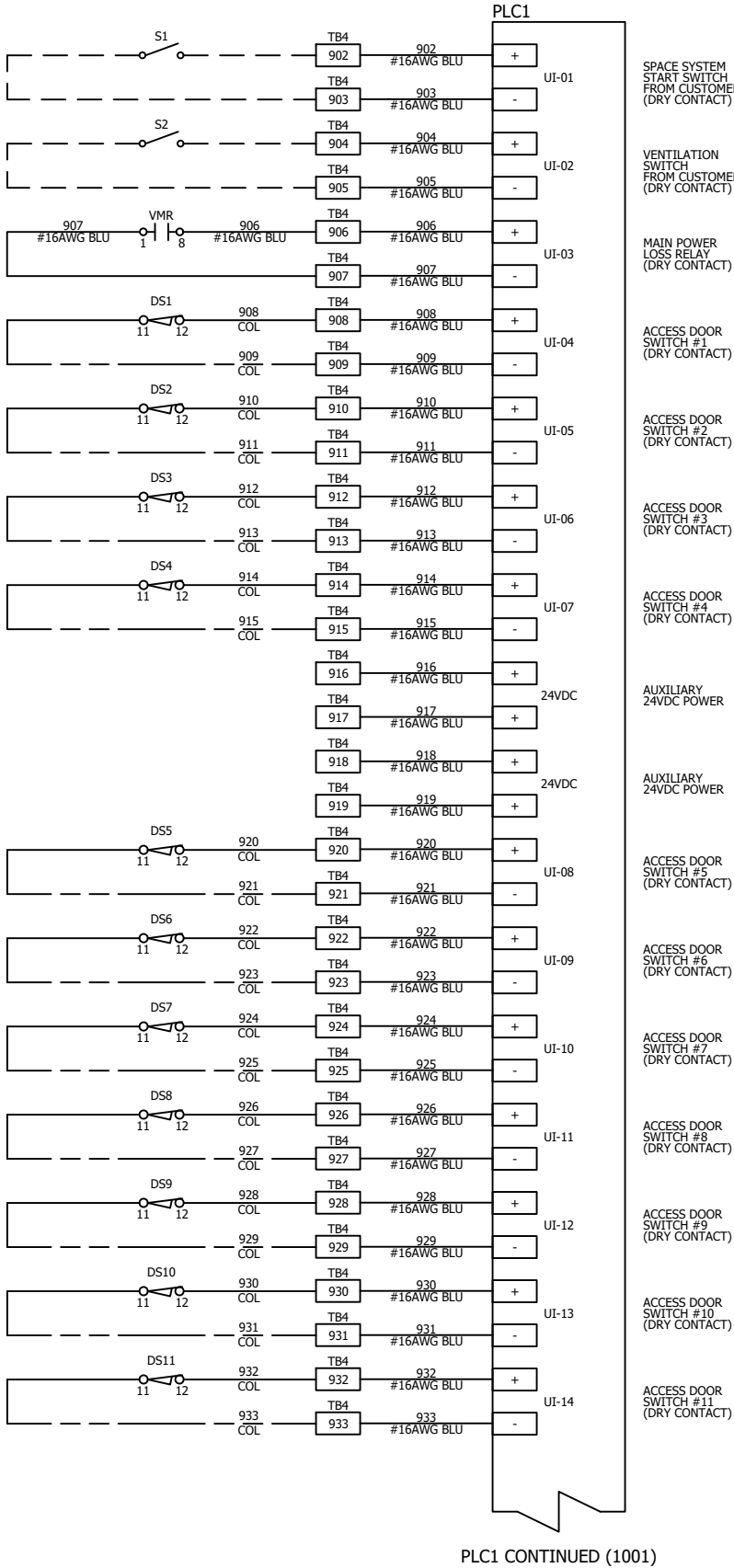
CIRCUIT C 120VAC CONTROL POWER







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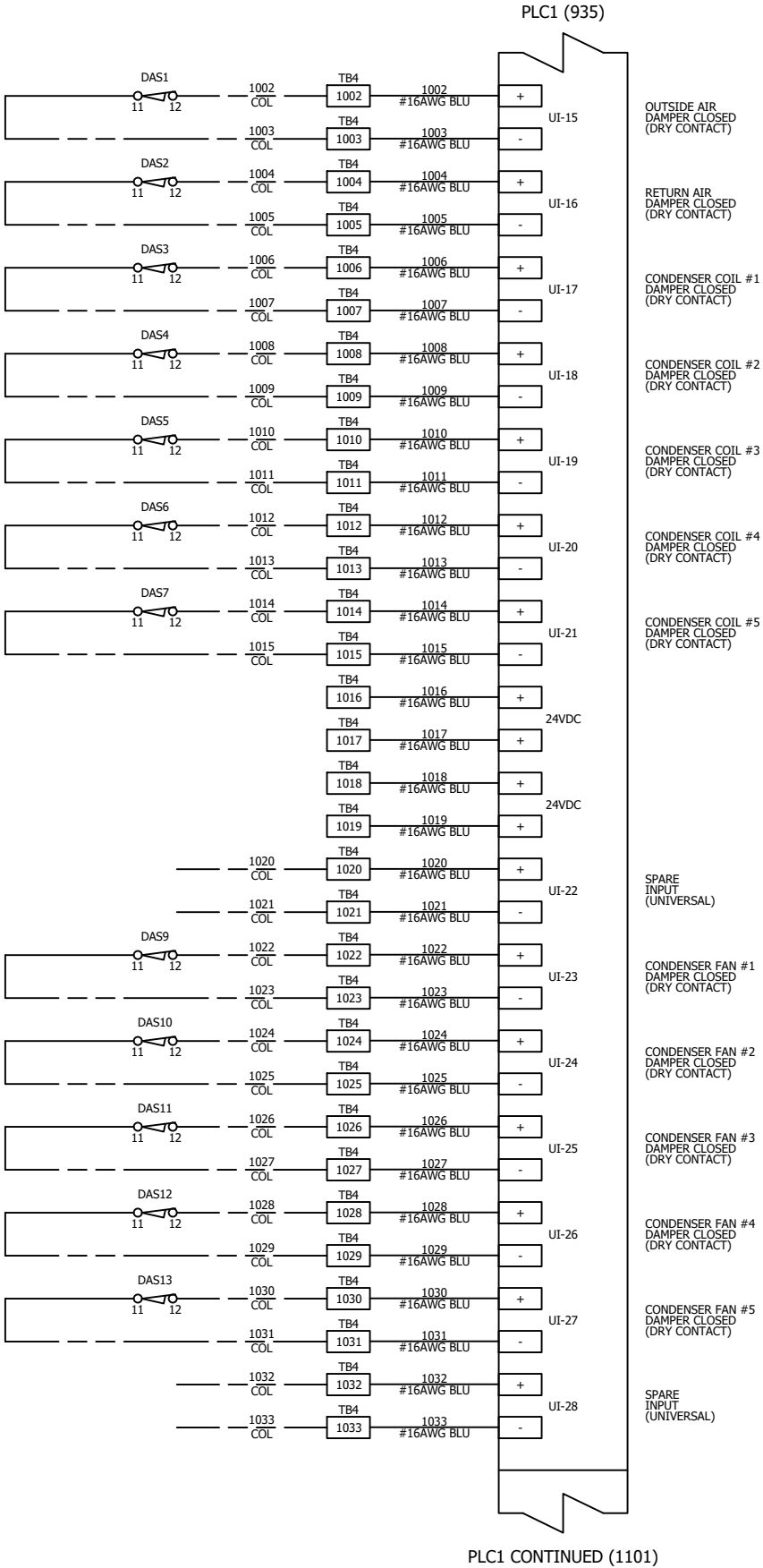
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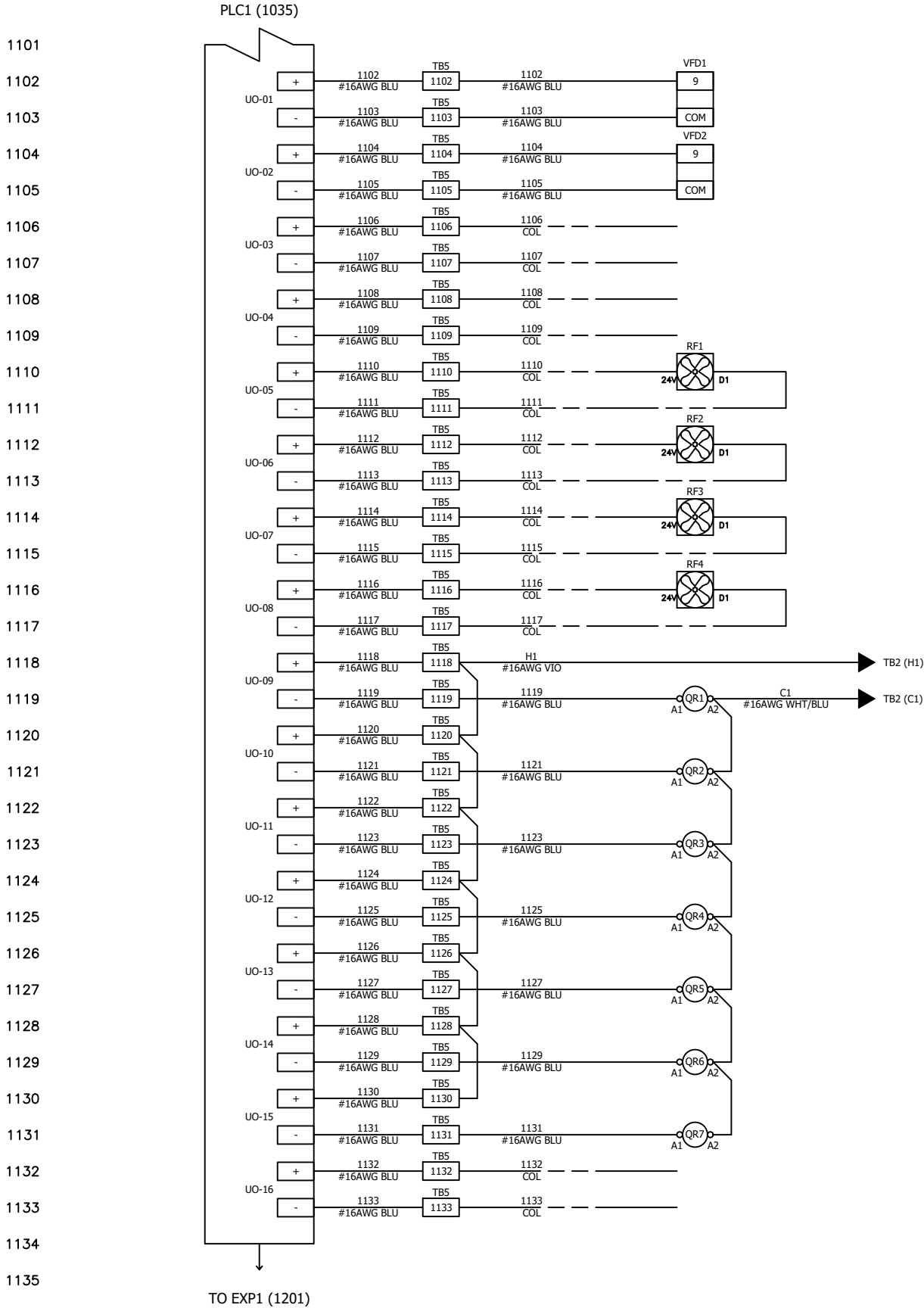
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SUPPLY FAN #1
START/STOP
(RELAY)

SUPPLY FAN #2
START/STOP
(RELAY)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

REACT FAN #1
START/STOP
(RELAY)

REACT FAN #2
START/STOP
(RELAY)

REACT FAN #3
START/STOP
(RELAY)

REACT FAN #4
START/STOP
(RELAY)

SAPCE HEATER
ENABLE
(RELAY)

DESICCANT WHEEL
START/STOP
(RELAY)

COMPRESSOR #1
START/STOP
(RELAY)

COMPRESSOR #2
START/STOP
(RELAY)

COMPRESSOR #3
START/STOP
(RELAY)

COMPRESSOR #4
START/STOP
(RELAY)

COMPRESSOR #5
START/STOP
(RELAY)

SPARE UNIVERSAL
OUTPUT
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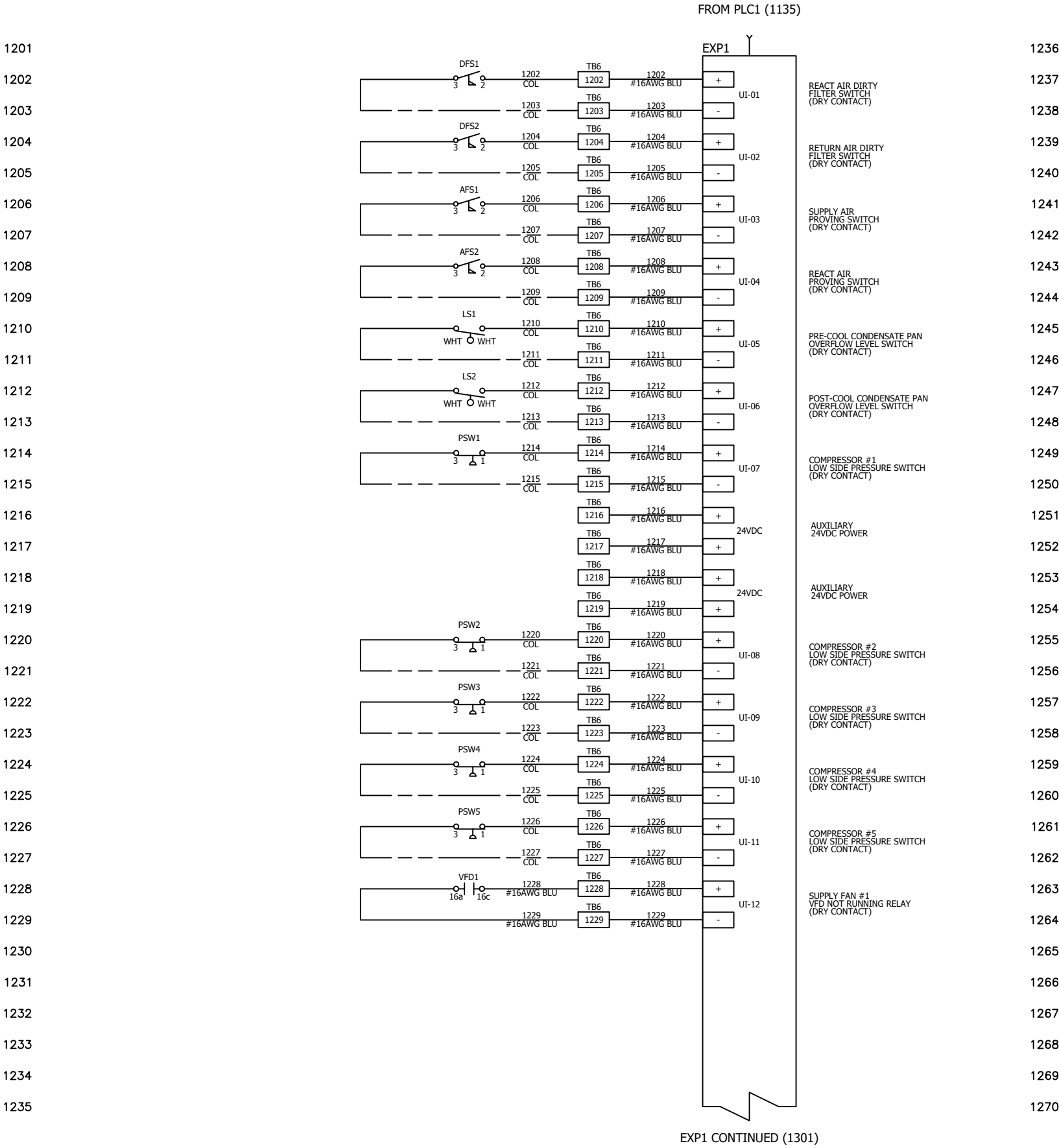
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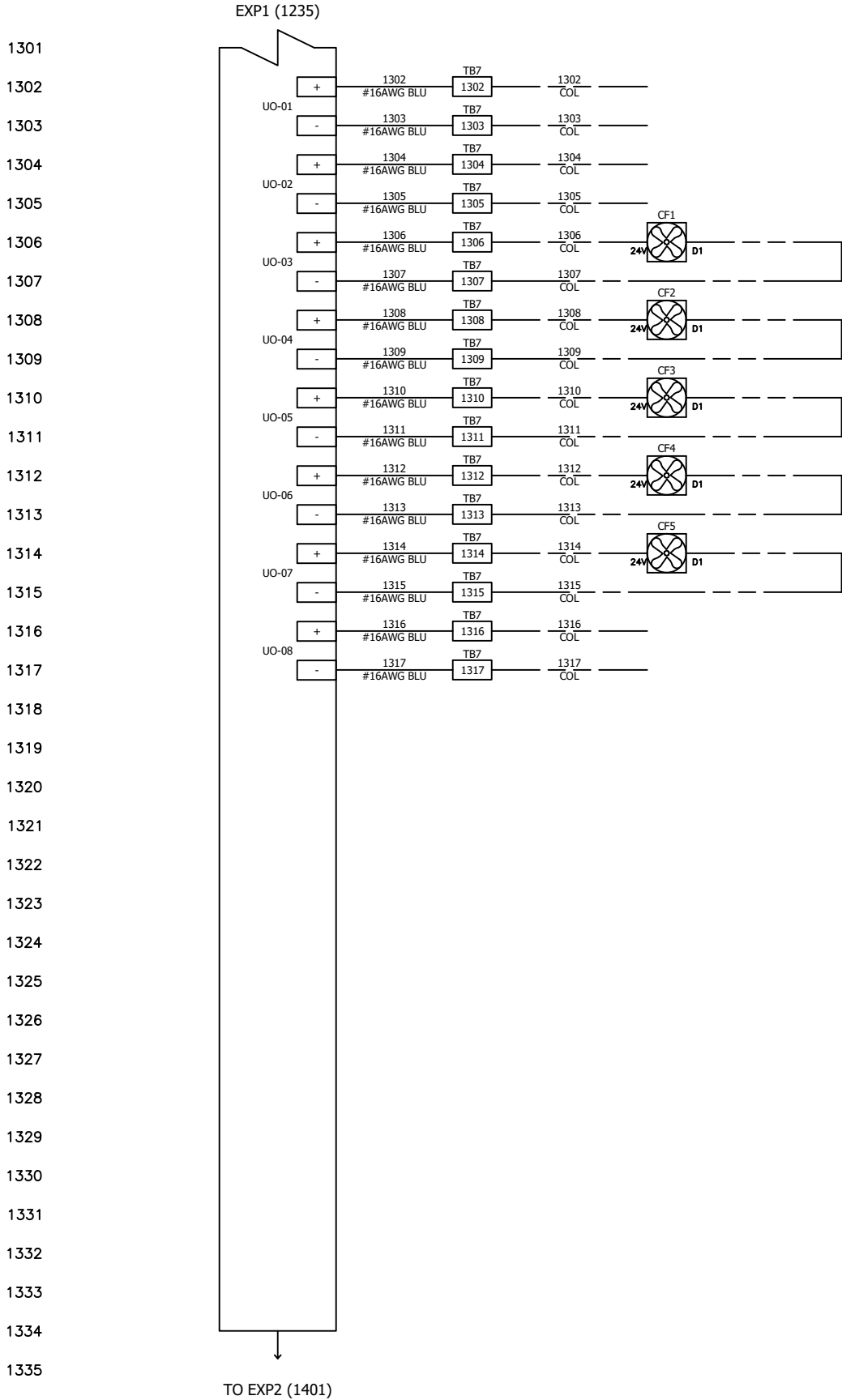
UO-01	UO-02	UO-03	UO-04
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC

UO-05	UO-06	UO-07	UO-08
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC

UO-09	UO-10	UO-11	UO-12
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC

UO-13	UO-14	UO-15	UO-16
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC





SPARE UNIVERSAL
OUTPUT
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SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

CONDENSER FAN #1
START/STOP
(RELAY)

CONDENSER FAN #2
START/STOP
(RELAY)

CONDENSER FAN #3
START/STOP
(RELAY)

CONDENSER FAN #4
START/STOP
(RELAY)

CONDENSER FAN #5
START/STOP
(RELAY)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

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UO-01		UO-02		UO-03		UO-04	
●	HAND	●	HAND	●	HAND	●	HAND
	AUTO		AUTO		AUTO		AUTO
	OFF		OFF		OFF		OFF
	ANALOG		ANALOG		ANALOG		ANALOG
●	BINARY	●	BINARY	●	BINARY	●	BINARY
	0-20mA		0-20mA		0-20mA		0-20mA
●	0-10VDC	●	0-10VDC	●	0-10VDC	●	0-10VDC

UO-05		UO-06		UO-07		UO-08	
●	HAND	●	HAND	●	HAND	●	HAND
	AUTO		AUTO		AUTO		AUTO
	OFF		OFF		OFF		OFF
	ANALOG		ANALOG		ANALOG		ANALOG
●	BINARY	●	BINARY	●	BINARY	●	BINARY
	0-20mA		0-20mA		0-20mA		0-20mA
●	0-10VDC	●	0-10VDC	●	0-10VDC	●	0-10VDC

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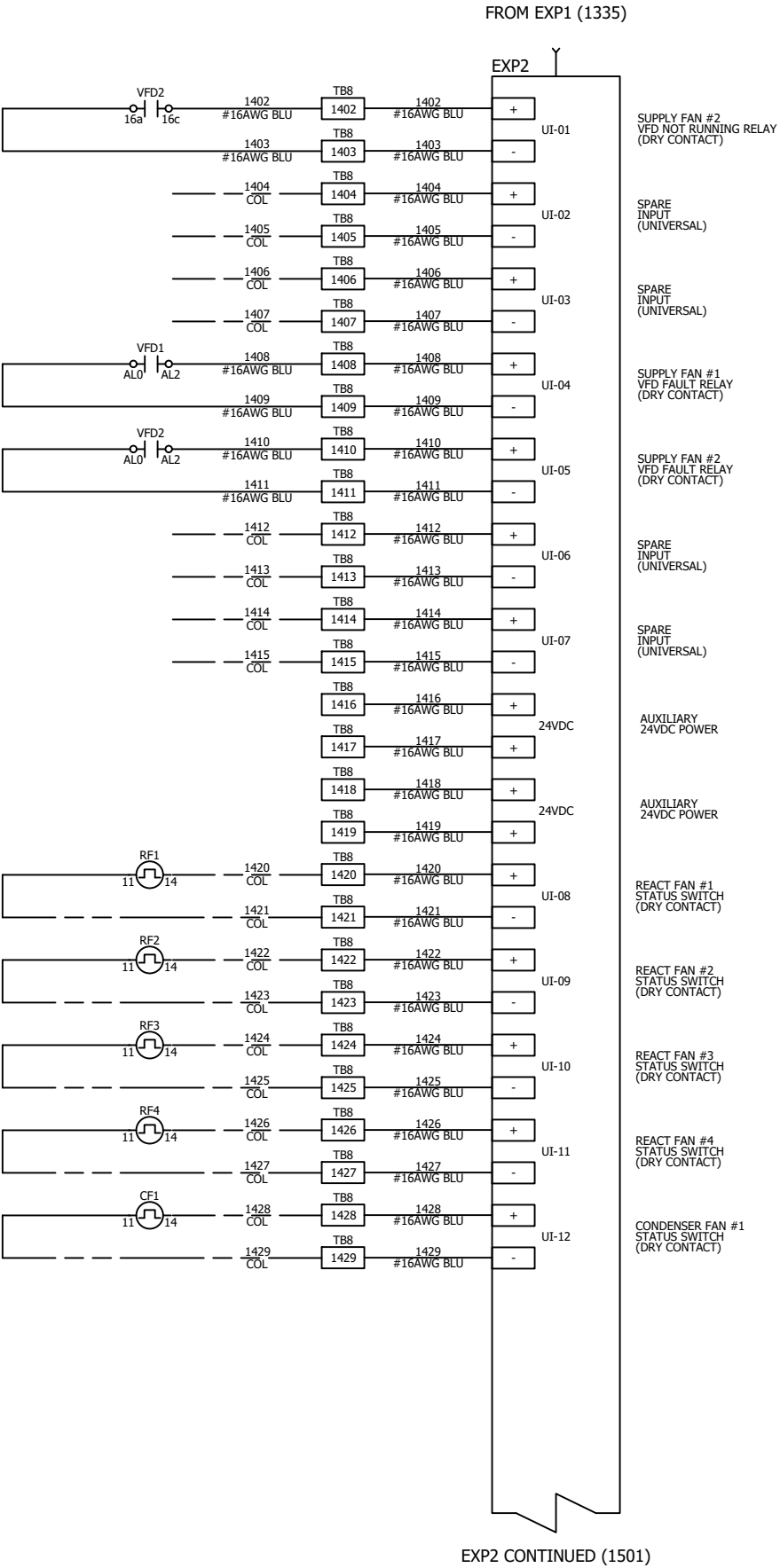
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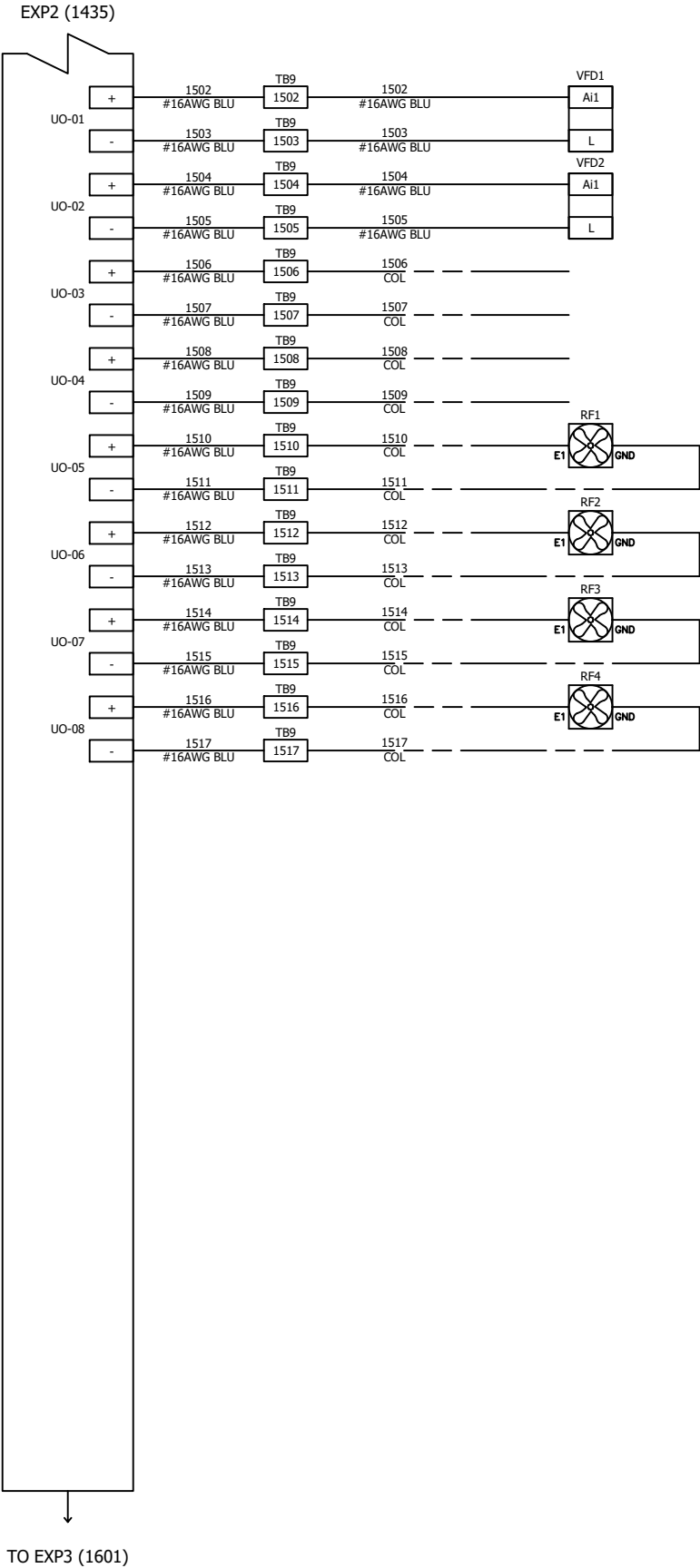
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SUPPLY FAN #1
SPEED
(0-10VDC)

SUPPLY FAN #2
SPEED
(0-10VDC)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

REACT FAN #1
SPEED
(0-10VDC)

REACT FAN #2
SPEED
(0-10VDC)

REACT FAN #3
SPEED
(0-10VDC)

REACT FAN #4
SPEED
(0-10VDC)

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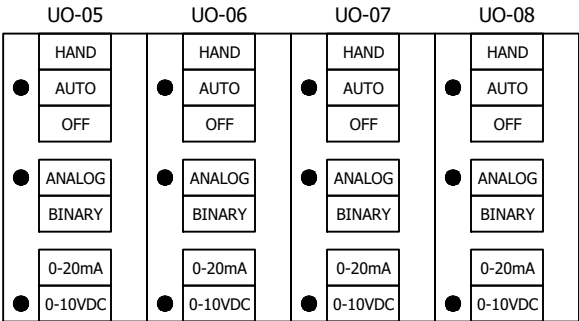
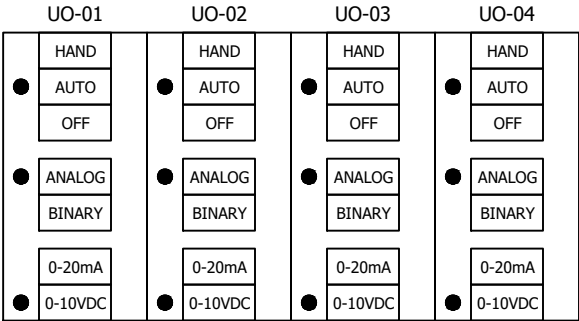
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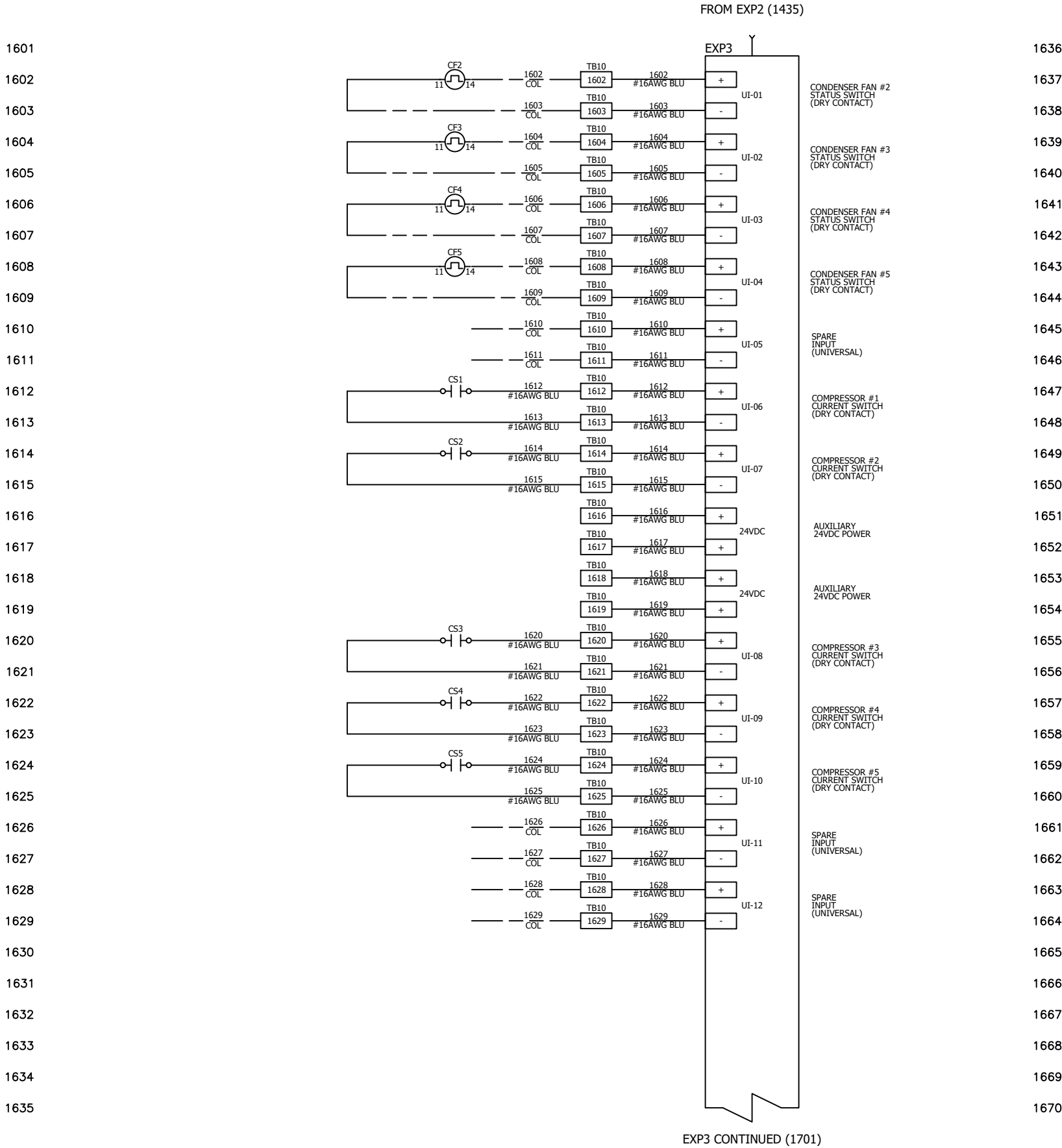
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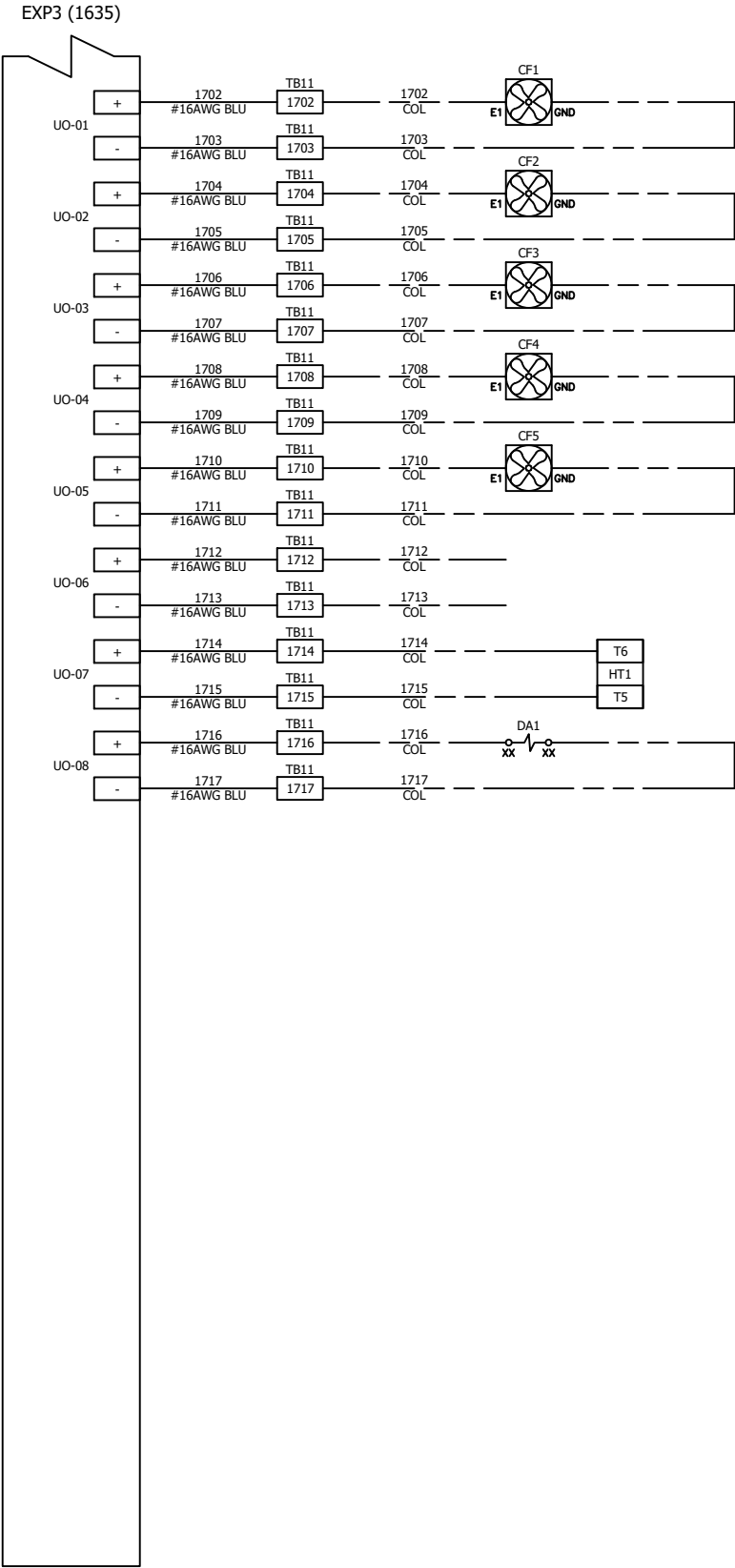
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CONDENSER FAN #1
SPEED
(0-10VDC)

CONDENSER FAN #2
SPEED
(0-10VDC)

CONDENSER FAN #3
SPEED
(0-10VDC)

CONDENSER FAN #4
SPEED
(0-10VDC)

CONDENSER FAN #5
SPEED
(0-10VDC)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

SPACE HEATER
MODULATION
(0-10VDC)

RETURN AIR
DAMPER POSITION
(0-10VDC)

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UO-01	UO-02	UO-03	UO-04
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC

UO-05	UO-06	UO-07	UO-08
HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF	HAND AUTO OFF
ANALOG BINARY	ANALOG BINARY	ANALOG BINARY	ANALOG BINARY
0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC	0-20mA 0-10VDC

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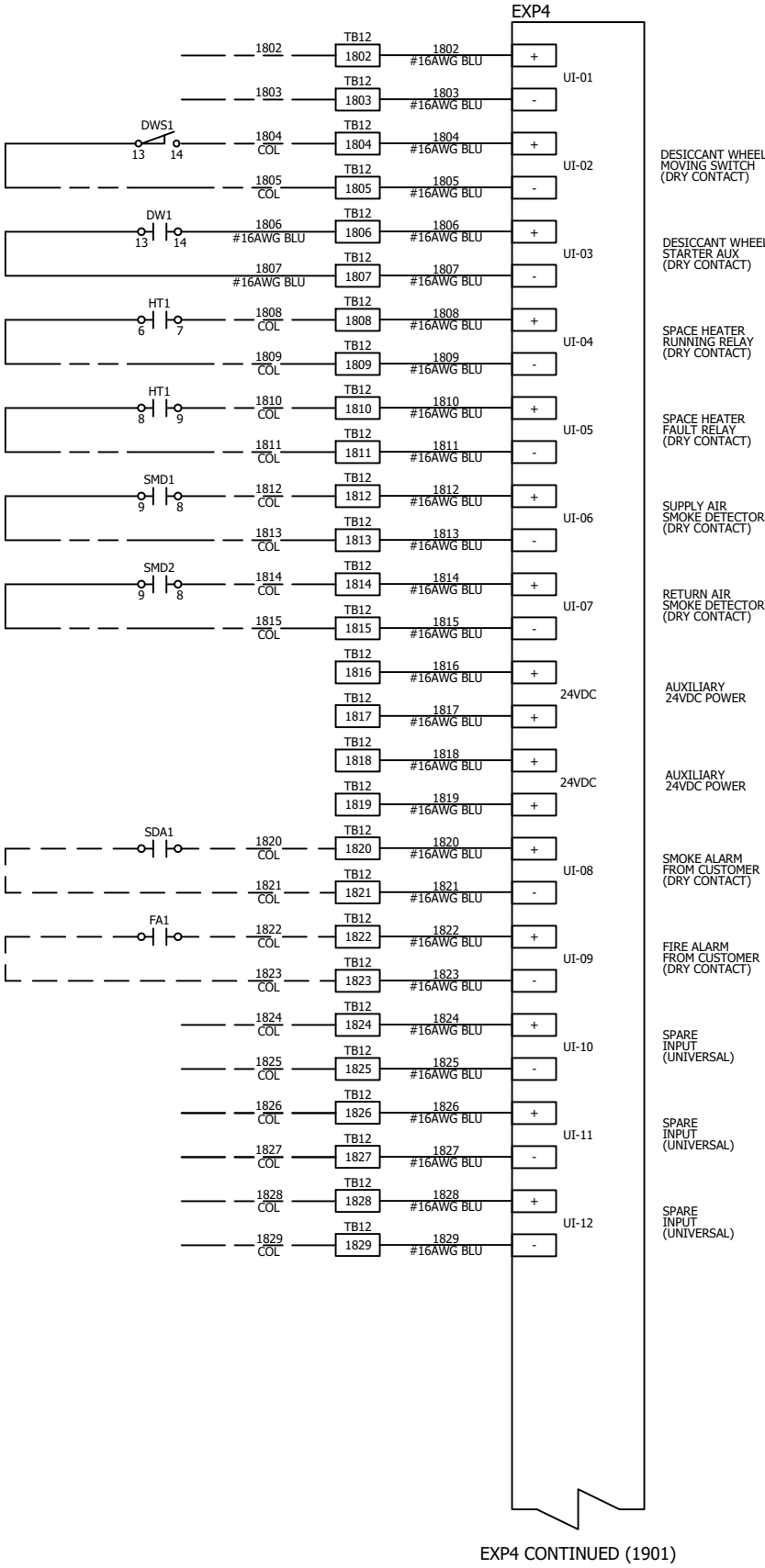
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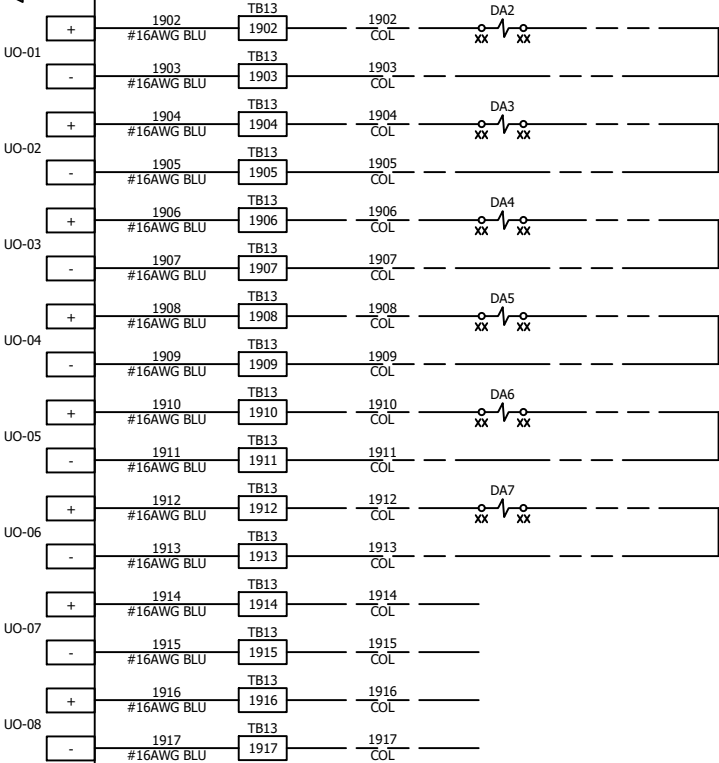
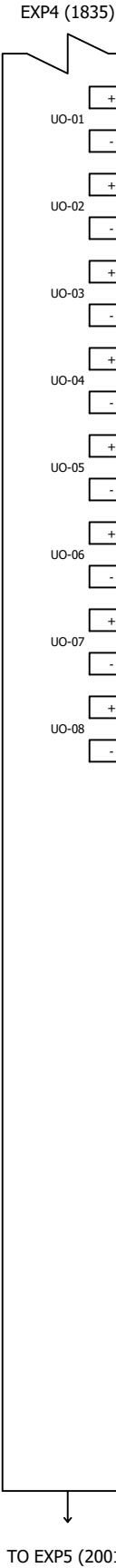
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OUTSIDE AIR
DAMPER POSITION
(0-10VDC)

CONDENSER COIL #1
DAMPER POSITION
(0-10VDC)

CONDENSER COIL #2
DAMPER POSITION
(0-10VDC)

CONDENSER COIL #3
DAMPER POSITION
(0-10VDC)

CONDENSER COIL #4
DAMPER POSITION
(0-10VDC)

CONDENSER COIL #5
DAMPER POSITION
(0-10VDC)

SPARE UNIVERSAL
OUTPUT
(SELECTABLE)

SPARE UNIVERSAL
OUTPUT
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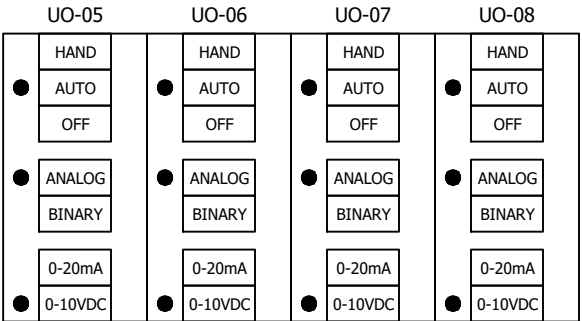
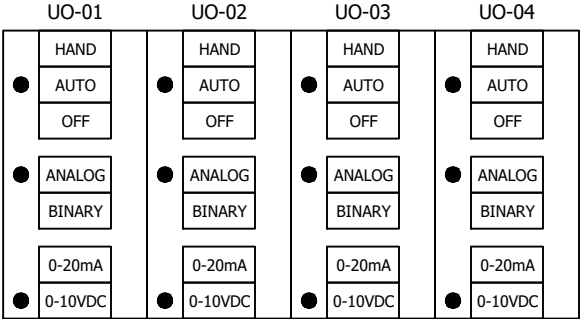
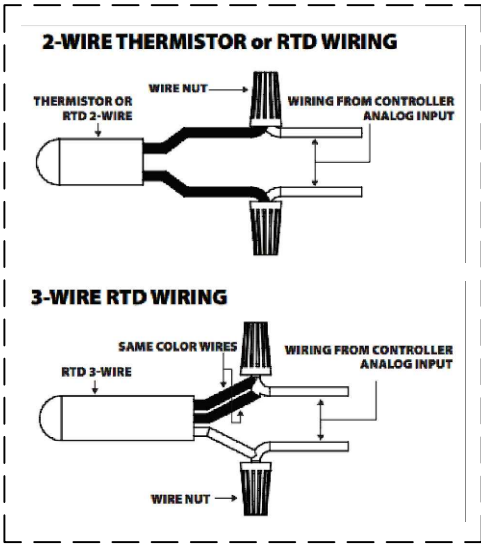
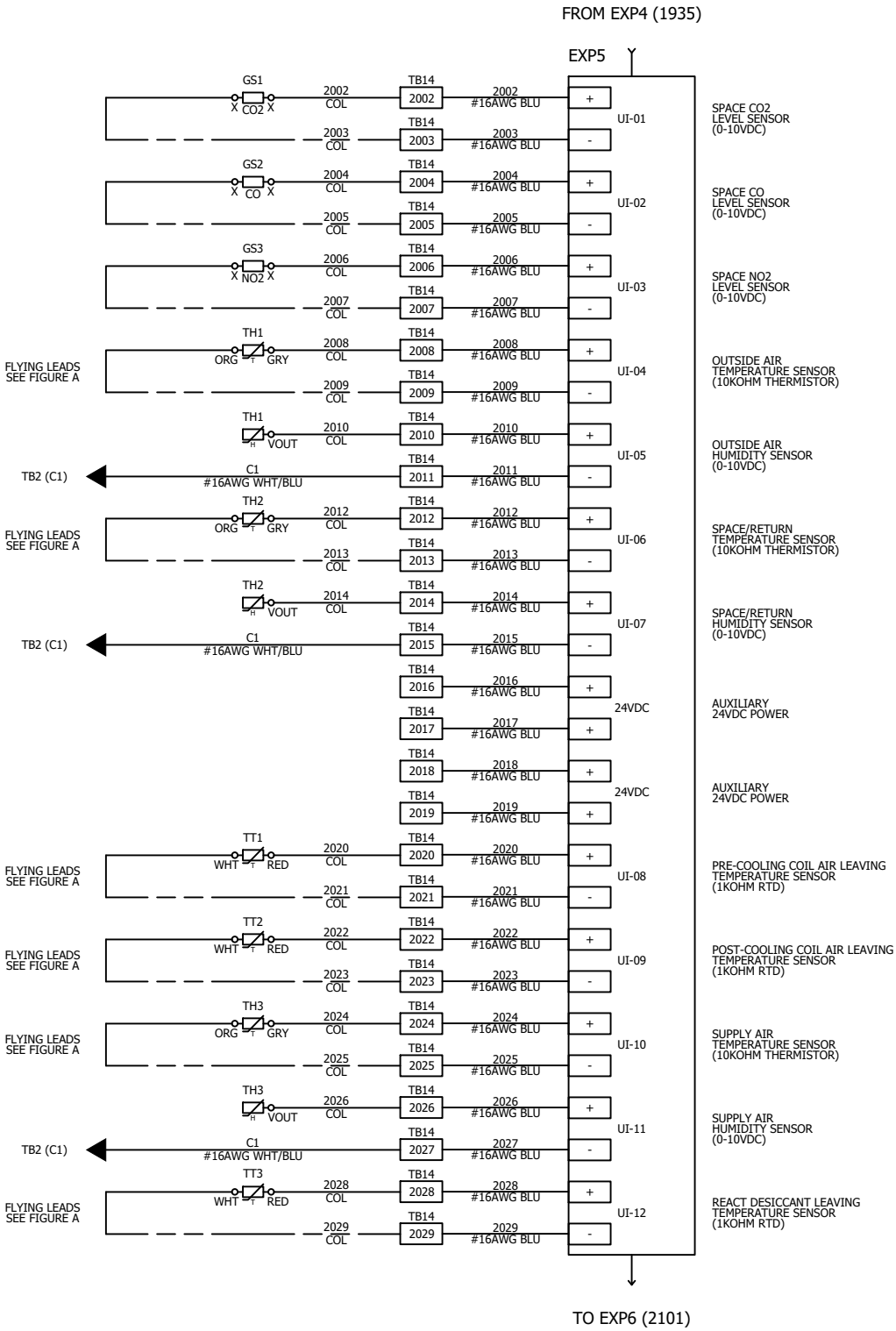


FIGURE A: TEMPERATURE SENSOR FLYING LEAD CONNECTIONS



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