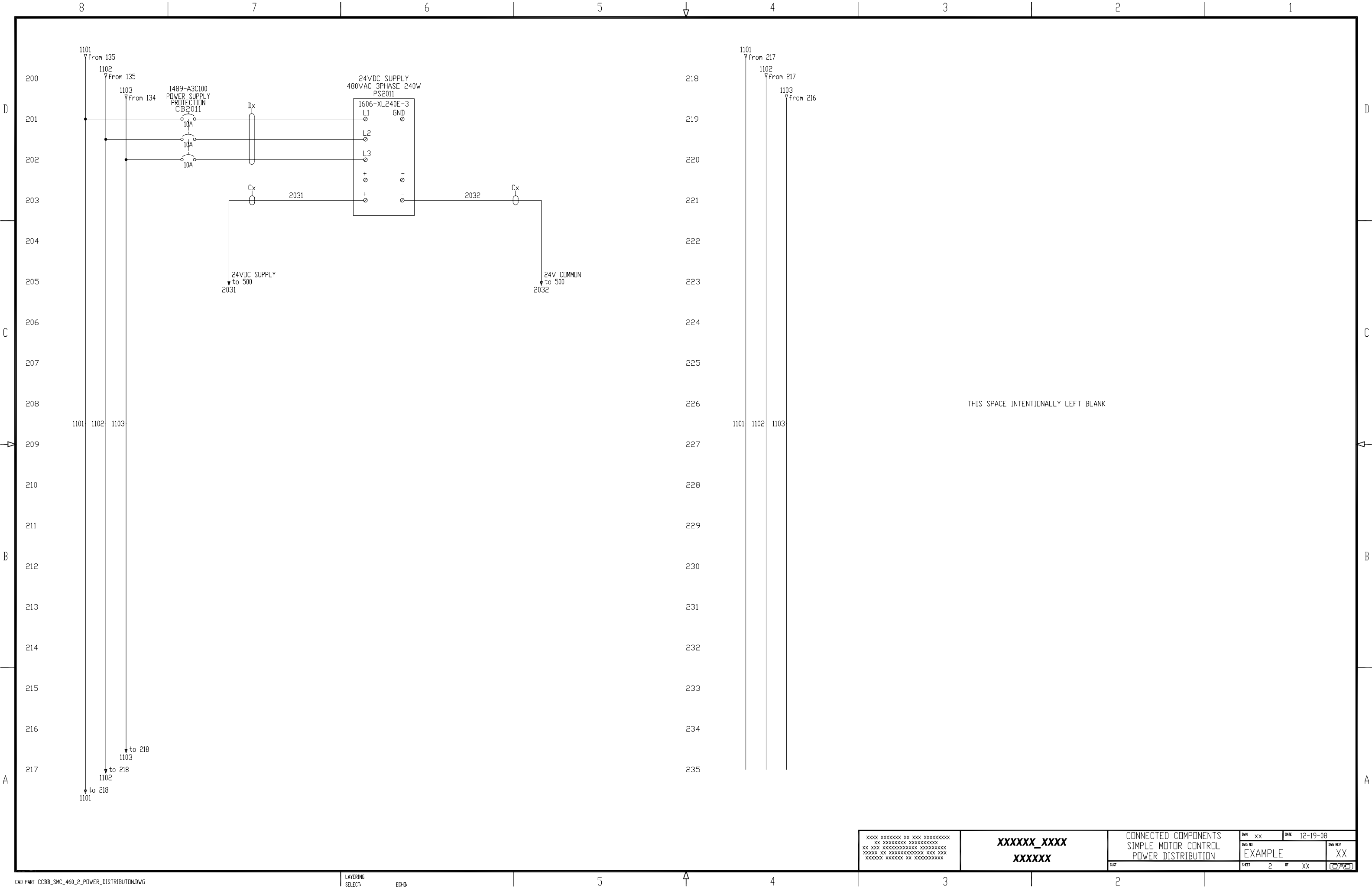


NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG xxxxxx, UNLESS OTHERWISE NOTED.

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CUST		DWG NO EXAMPLE	SHEET 1 OF XX		DWG REV A



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CONNECTED COMPONENTS
SIMPLE MOTOR CONTROL
POWER DISTRIBUTION

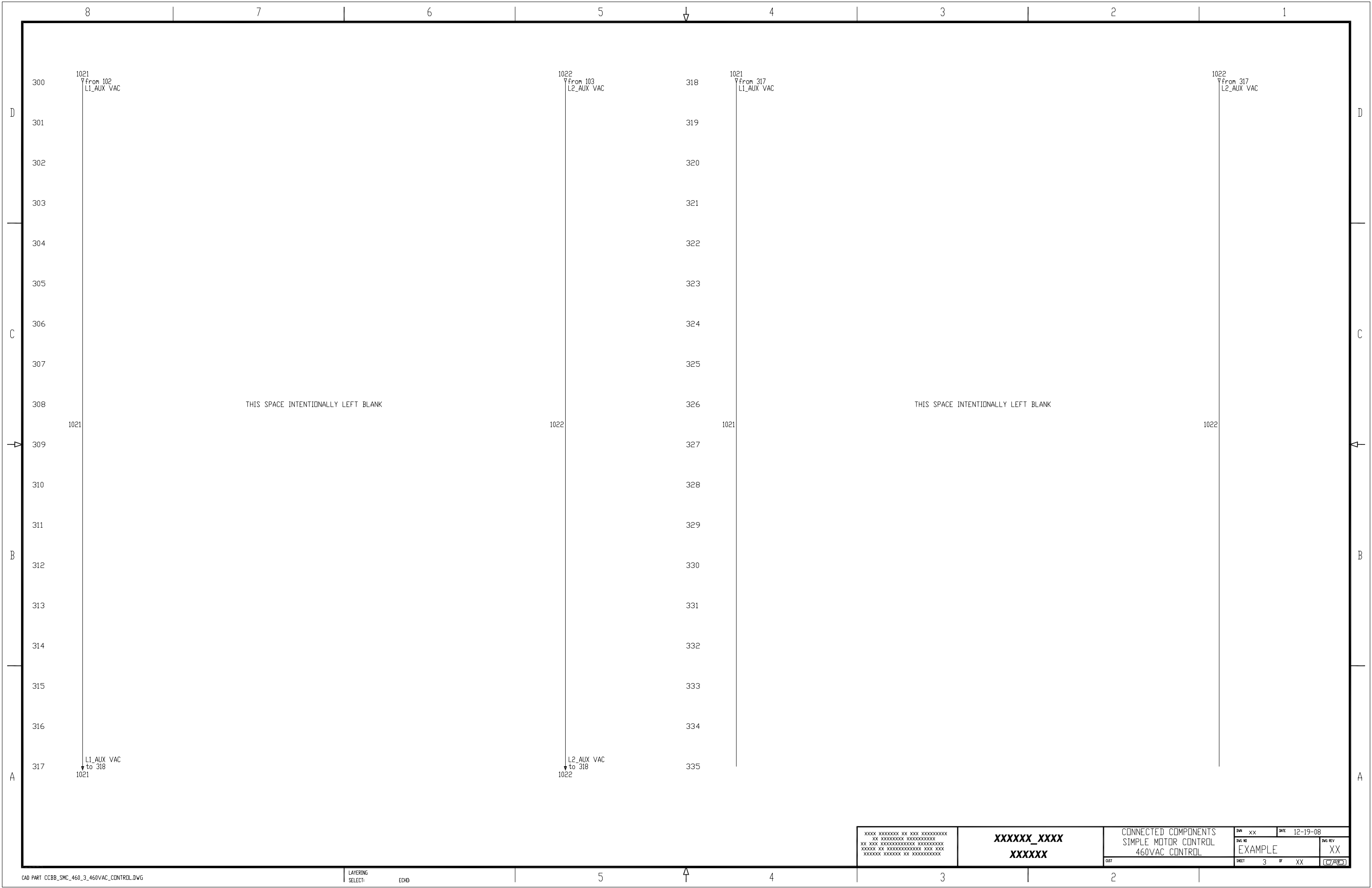
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SHEET 2 OF XX

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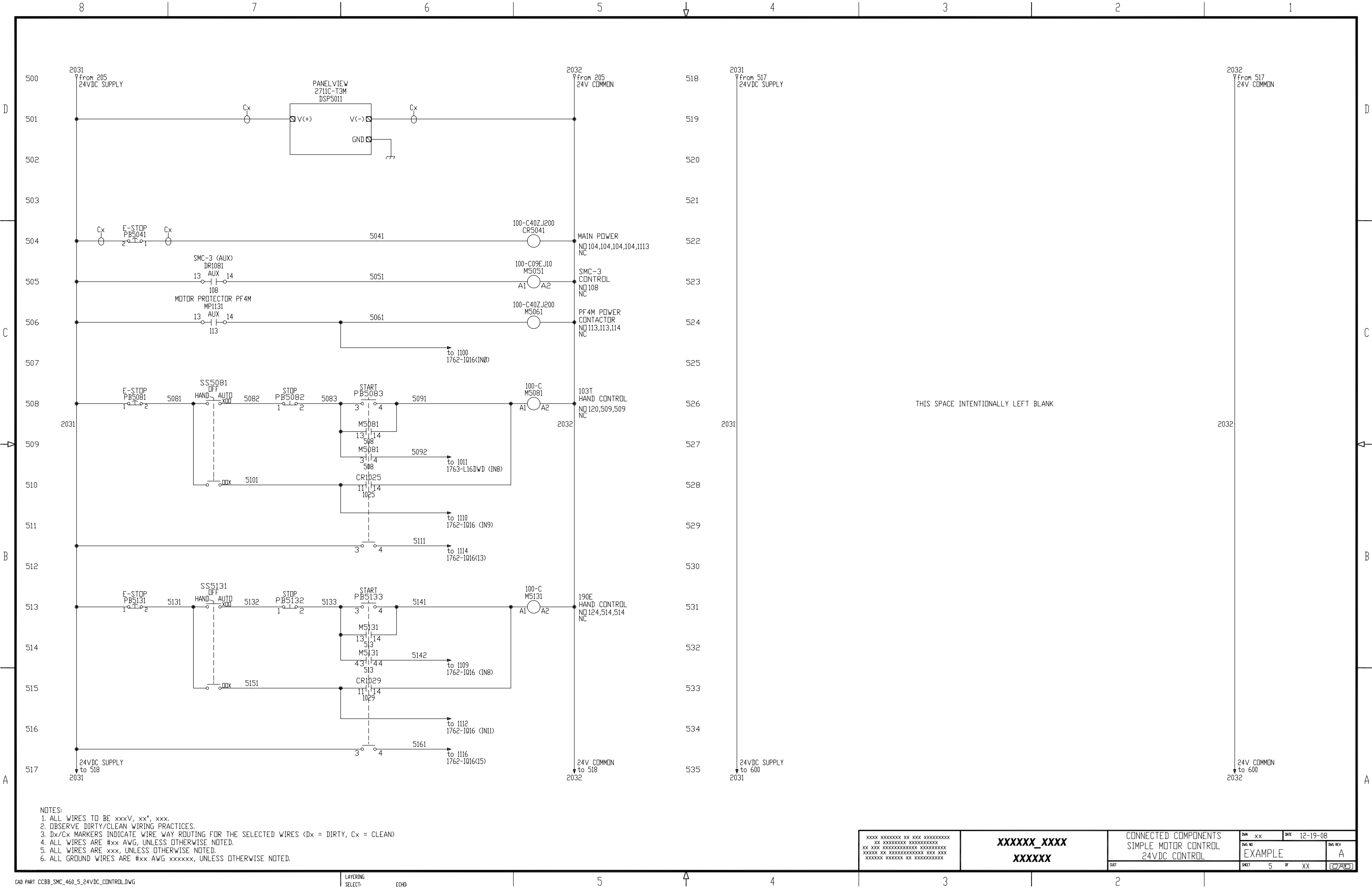
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CONNECTED COMPONENTS

SIMPLE MOTOR CONTROL

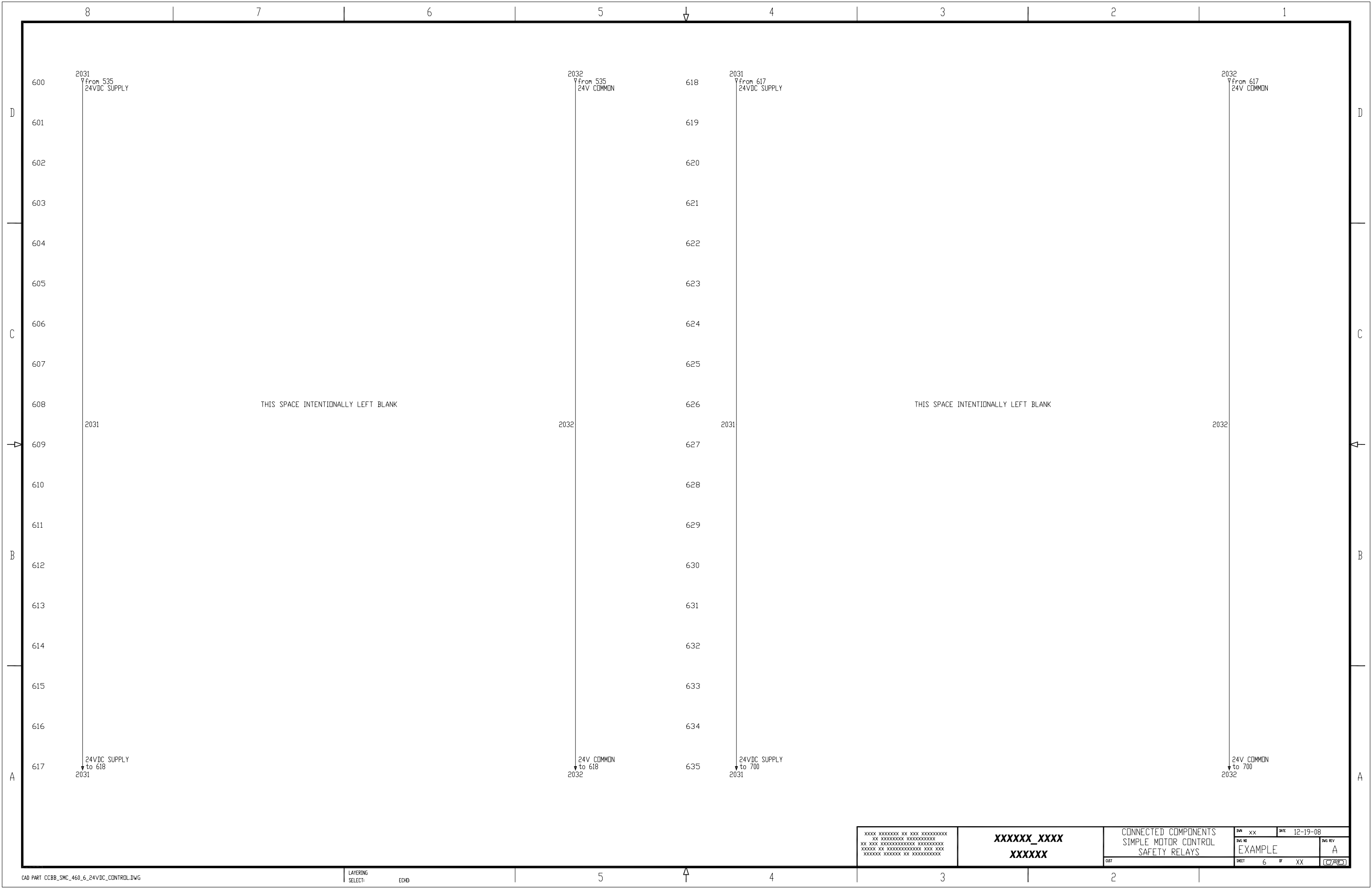
277VAC CONTROL

DWN	xx	DATE	12-19-08
DWG NO		EXAMPLE	



NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG xxxxxx, UNLESS OTHERWISE NOTED.

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		EXAMPLE		DWG REV	A
		SHEET 5 OF XX		CADD	



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CONNECTED COMPONENTS
SIMPLE MOTOR CONTROL
SAFETY RELAYS

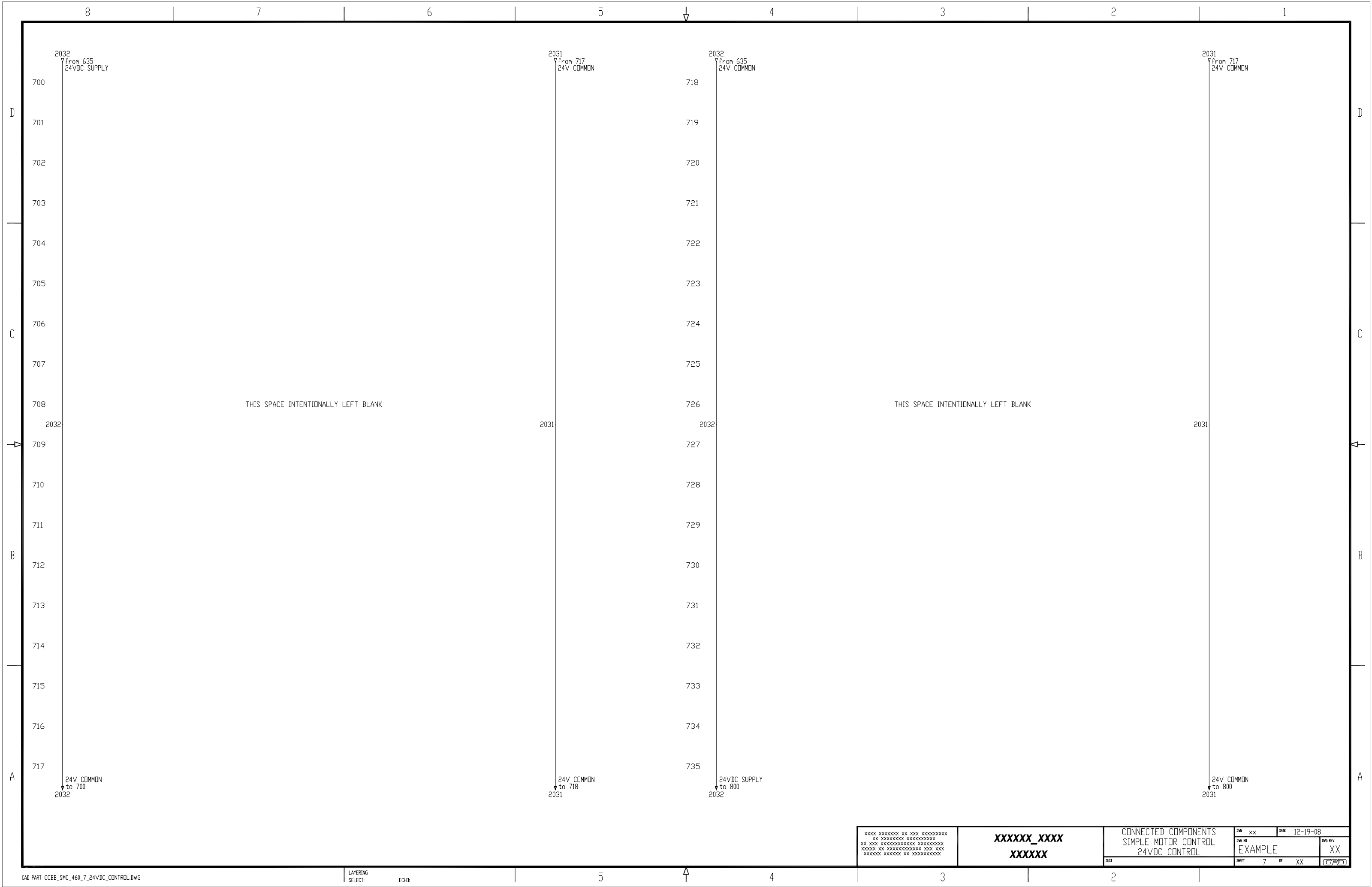
DWG XX DATE 12-19-08

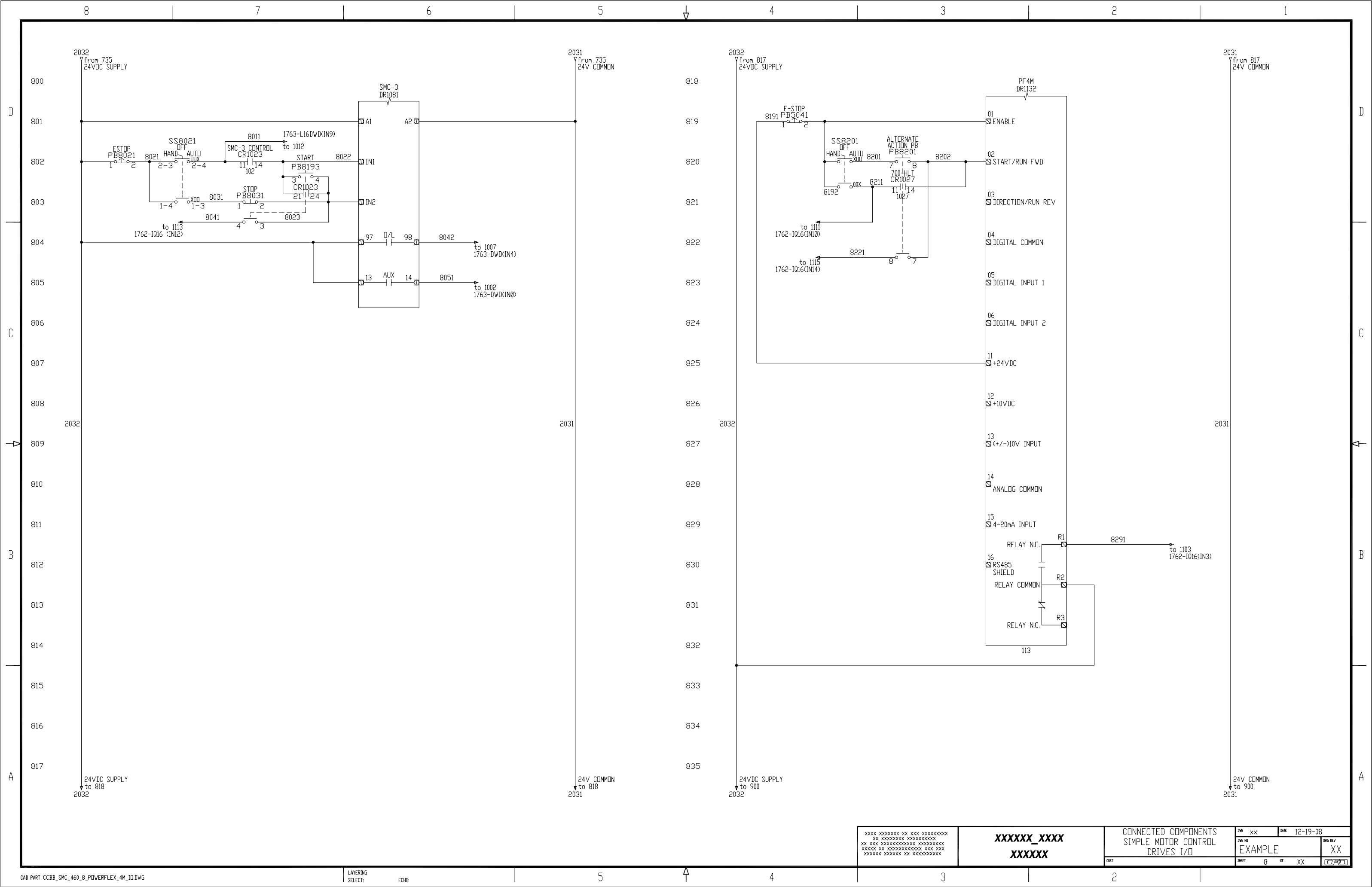
DWG NO
EXAMPLE

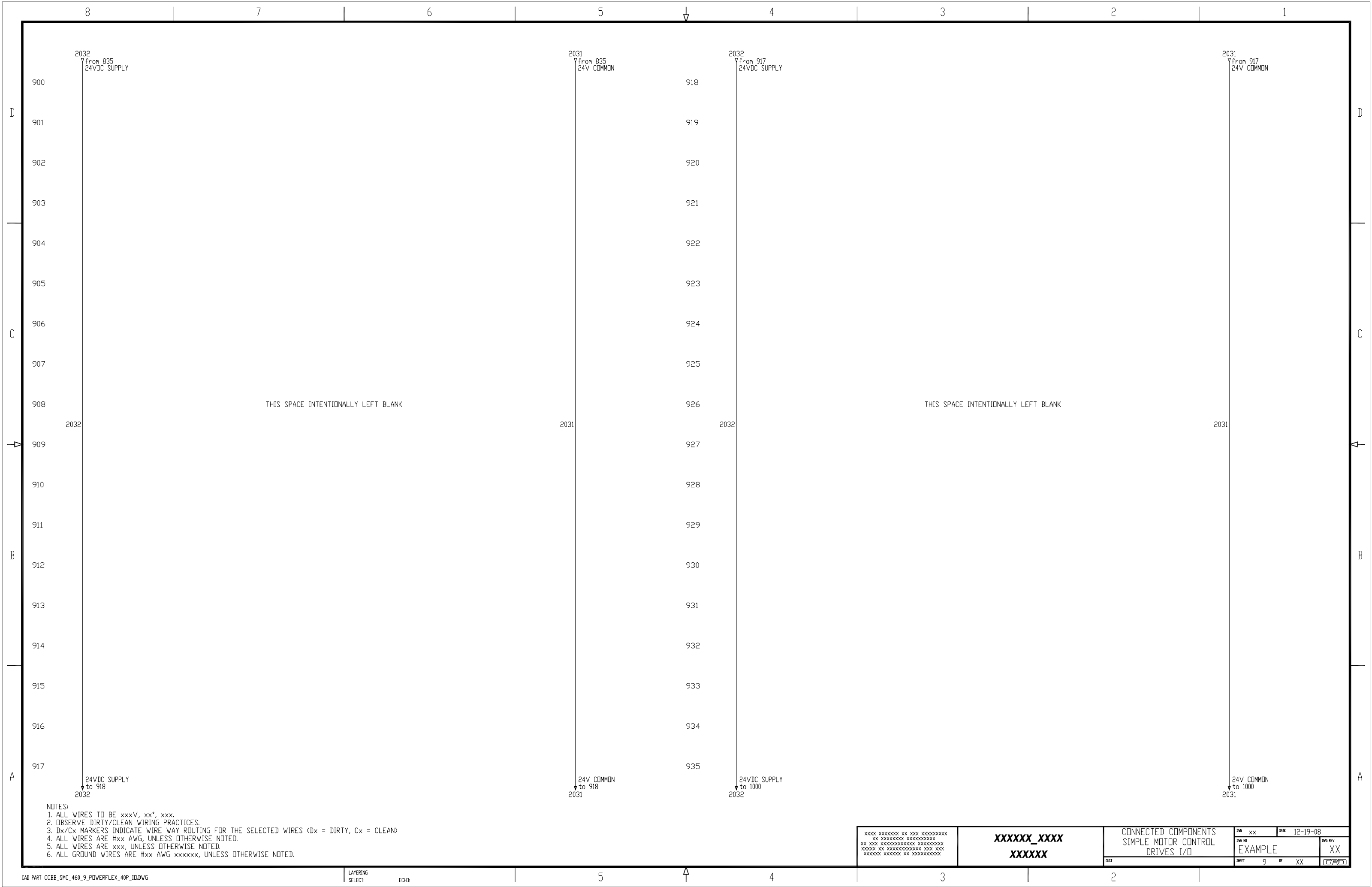
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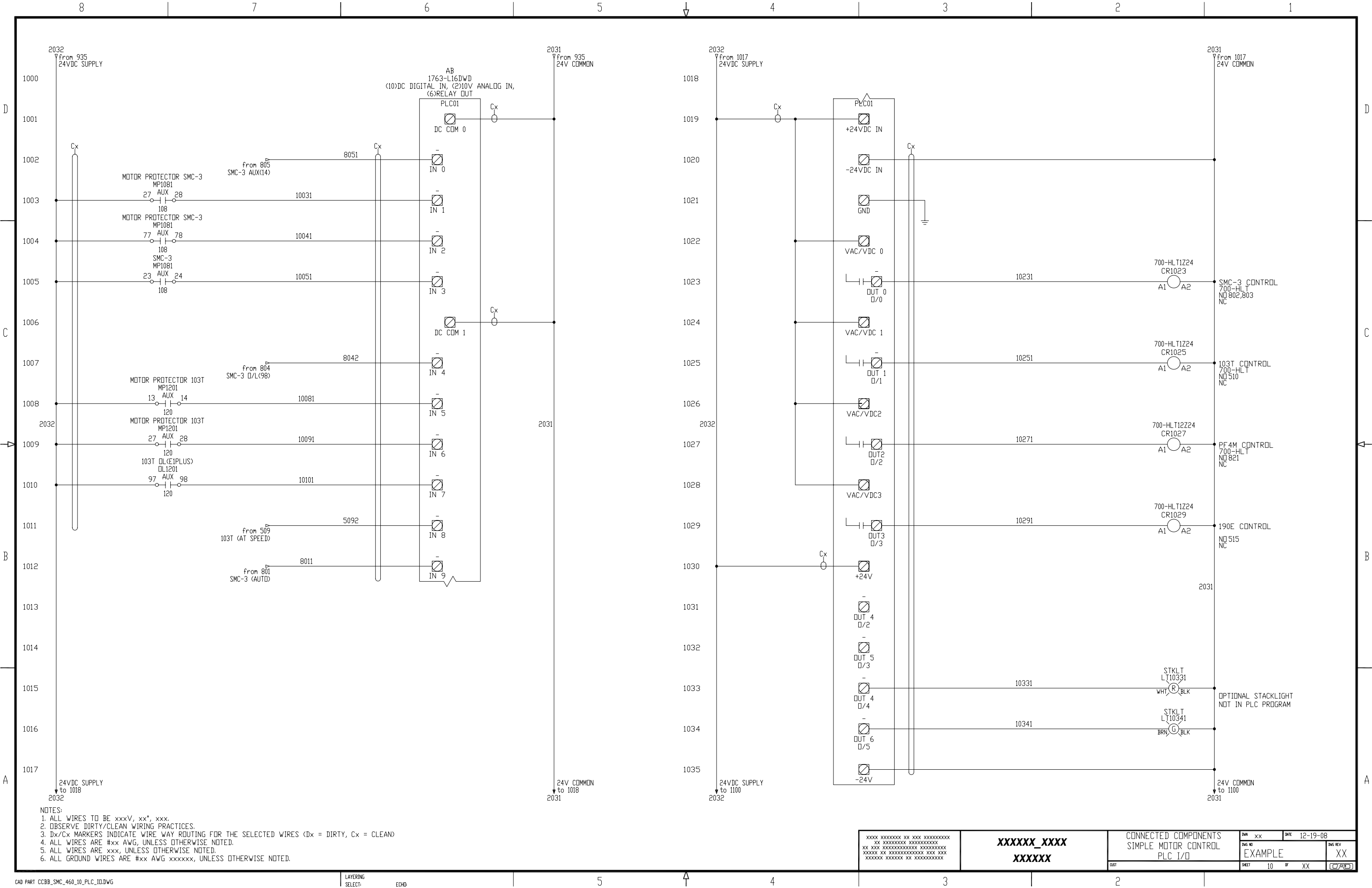
DIST SHEET 6 OF XX

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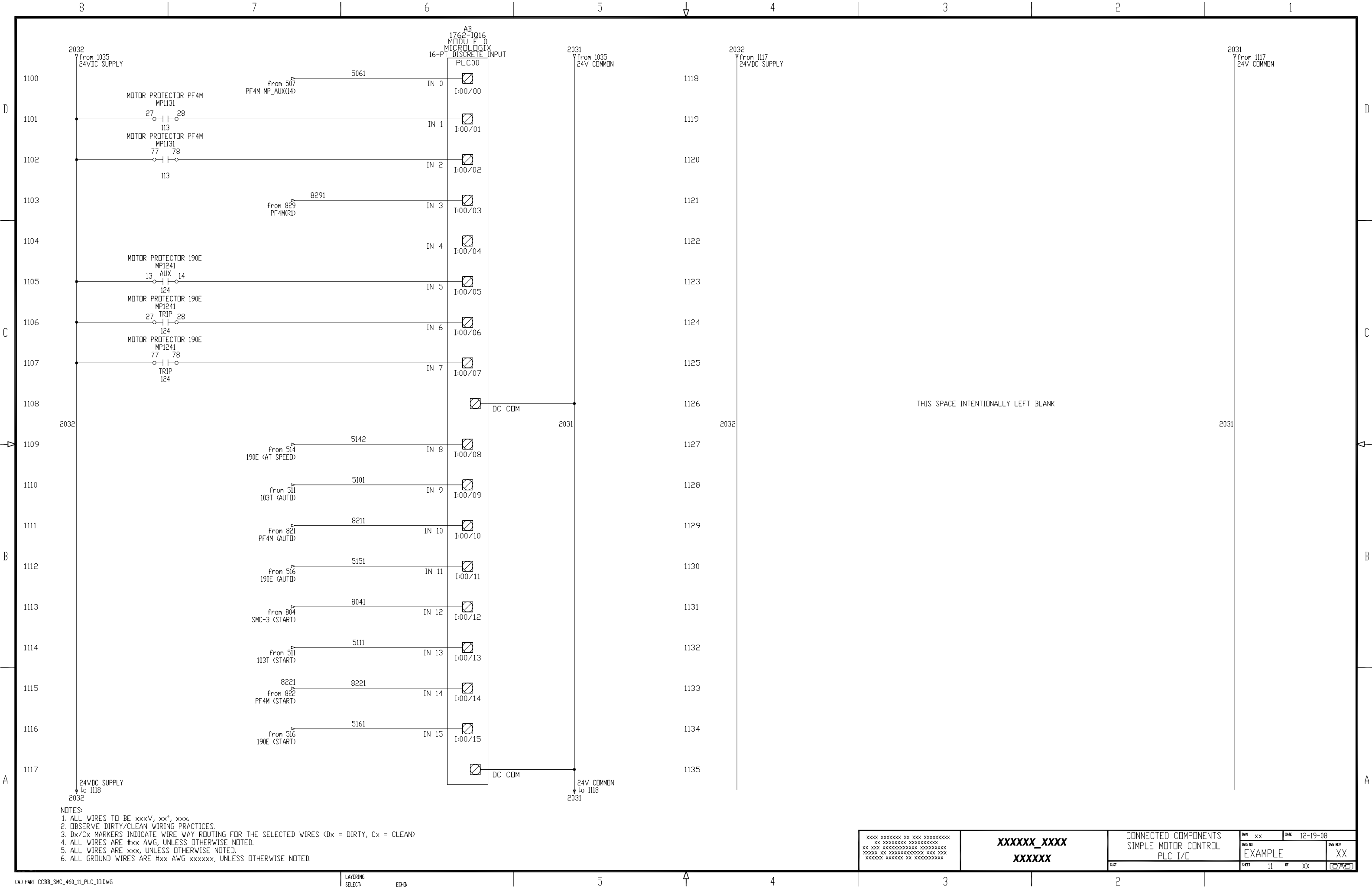


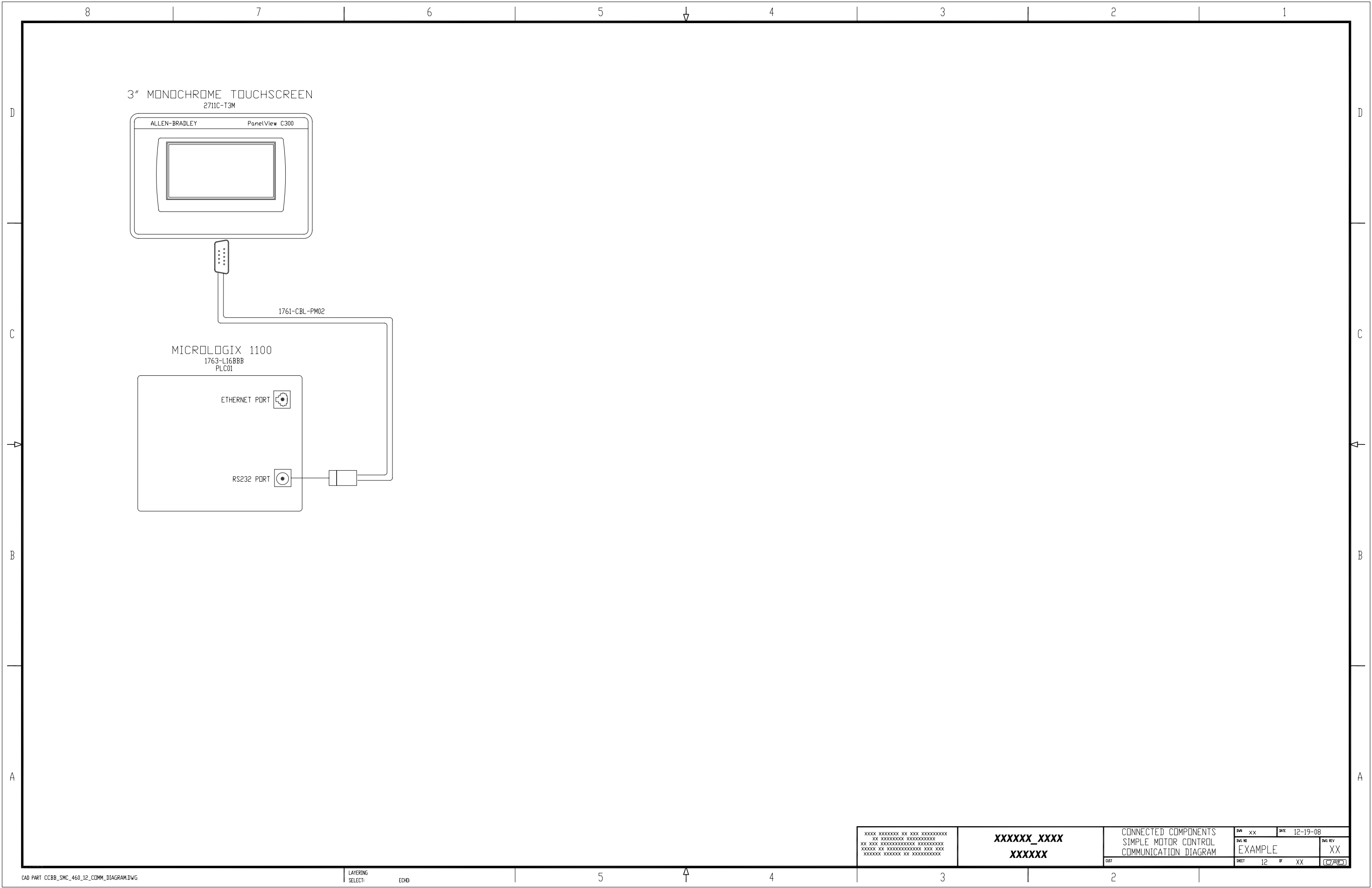




NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG xxxxxx, UNLESS OTHERWISE NOTED.

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				DWG NO EXAMPLE	DWG REV XX
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CONNECTED COMPONENTS
SIMPLE MOTOR CONTROL
COMMUNICATION DIAGRAM

DWG XX DATE 12-19-08

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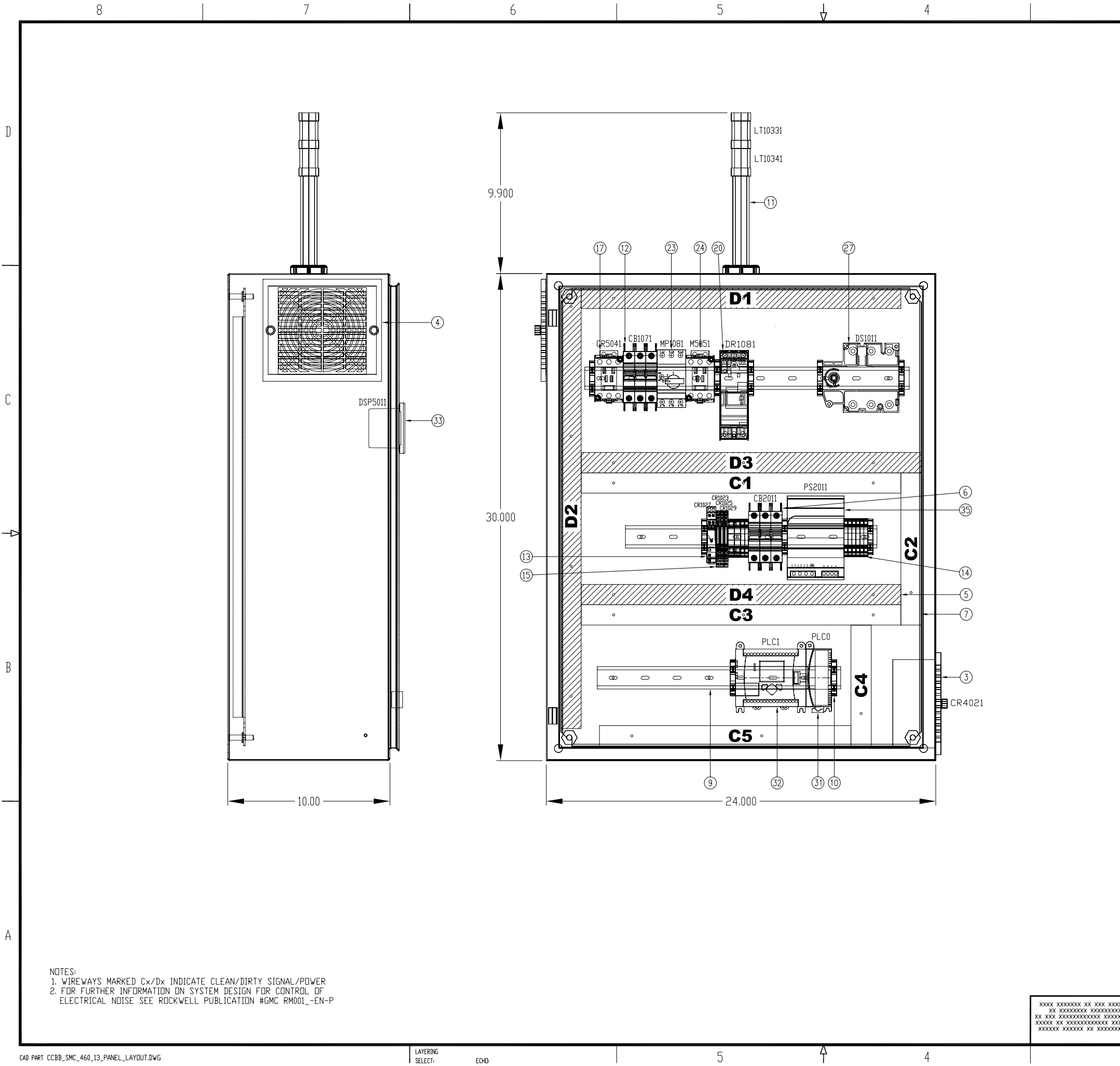
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CRD



ITEM	QTY	DESCRIPTION	MFG	CATALOG
1	1	NEMA1 ENCLOSURE 30"x24"x10"	HOFFMAN	CSD302410
2	1	PANEL FOR ENCLOSURE 21"x22.5"	HOFFMAN	CP3024
3	1	FAN KIT 115VAC WITH FILTER	HOFFMAN	TFP41
4	1	EXHAUST GRILL WITH FILTER	HOFFMAN	TEP4
5	-	PANDUIT WIRE DUCT, 1"x4" GRAY	PANDUIT	F1X4LG6
6	-	PANDUIT WIRE DUCT COVER, 1" GRAY	PANDUIT	C1LG6
7	-	PANDUIT WIRE DUCT, 1" x4" WHITE	PANDUIT	F1X4WH6
8	-	PANDUIT WIRE DUCT COVER, 1" WHITE	PANDUIT	C1WH6
9	-	35mm DIN RAIL	AB	199-DR1
10	10	END ANCHOR USED w/STANDARD 35mm DIN	AB	1492-EAJ35
11	1	STACKLIGHT 30mm S.M. 24VAC/DC GRN, RED LED	AB	885D-P25SC20G24Y3Y4
12	1	CIRCUIT BREAKER, 3-POLE, 7AMP, 480/277VAC	AB	1489-A3C070
13	1	CIRCUIT BREAKER, 3-POLE, 10AMP, 480/277VAC	AB	1489-A3C100
14	-	TERMINAL BLOCK, IEC 1-CIRCUIT FEED THROUGH	AB	1492-J3
15	3	ELECTROMECHANICAL RELAY, 24VDC, SPDT, W/SCREW TERMINALS	AB	700-HLT1Z24
16	1	ELECTROMECHANICAL RELAY, 24VDC, DPDT, W/SCREW TERMINALS	AB	700-HLT1Z2Z4
17	2	CONTACTOR MCS-C, IEC,37A, 24V DC, SINGLE PACK	AB	100-C40ZJ200
18	-			
19	-			
SMC-3 150-C123, 140M-C-PKC23 OPTIONAL				
20	1	SMC-3, 3-WIRE OPEN TYPE, 3A, 480V 3 PH,24VAC/DC CONTROL	AB	150-C3NBR
21	1	CONNECTING MODULE, CONNECTS SMC TO 100-C09...23	AB	150-C123
22	1	AUX CONTACT, 1N.O. & 1N.C. FOR SIDE MOUNTING	AB	150-CA10
23	1	MPCB, STANDARD MAG. TRIP, 1.6-2.5A, FRAME C, 1N.O. & 1N.C.	AB	140M-C2E-B25-KN-TE-XQ
24	1	MCS-C CONTACTOR, IEC, 9A, 24VAC/DC, SINGLE PACK	AB	100-C09EJ10
25	1	TRIP CONTACT, FRONT MOUNT, 1N.O. & 1N.C., AUX 1N.O & 1N.C	AB	140M-C-AFAR10A10
26	1	CONNECTOR KIT FOR 140M-C + 100-C09...C23	AB	140M-C-PKC23
DISCONNECT				
27	1	DISC, OPEN STYLE, NON-FUSED, 30A UL/40A IEC, 3 POLE	AB	194R-N30-1753
28	1	OPERATING HANDLE, TEST MODE WITH DEFEATER, BLACK	AB	194R-HST4
29	1	OPERATING SHAFT, STANDARD LENGTH, 263mm (10.3 in.)	AB	194R-R1
MICROLOGIX				
30	1	1763 MICROLOGIX 1100 SYSTEM GROUP SELECTION	AB	1763-
31	1	16 POINT 24VDC SINK/SOURCE INPUT MODULE	AB	1762-IQ16
32	1	10 12/24VDC INPUTS, 2 10V ANALOG INPUTS, 6 RELAY OUTPUTS	AB	1763-L16DWD
PANELVIEW COMPONENT				
33	1	3" MONOCHROME TOUCHSCREEN	AB	2711C-T3M
34	1	CABLE, MICROLOGIX 1000 TO PANELVIEW COMPONENT	AB	1761-CBL-PM02
1606 POWER SUPPLY				
35	1	COMPACT SUPPLY 24-28V, 240W, 3 PHASE 480VAC INPUT	AB	1606-XL240E-3
36				

NOTES:
1. WIREWAYS MARKED Cx/Dx INDICATE CLEAN/DIRTY SIGNAL/POWER
2. FOR FURTHER INFORMATION ON SYSTEM DESIGN FOR CONTROL OF ELECTRICAL NOISE SEE ROCKWELL PUBLICATION #GMC RM001_-EN-P

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CONNECTED COMPONENTS
SIMPLE MOTOR CONTROL
PANEL LAYOUT

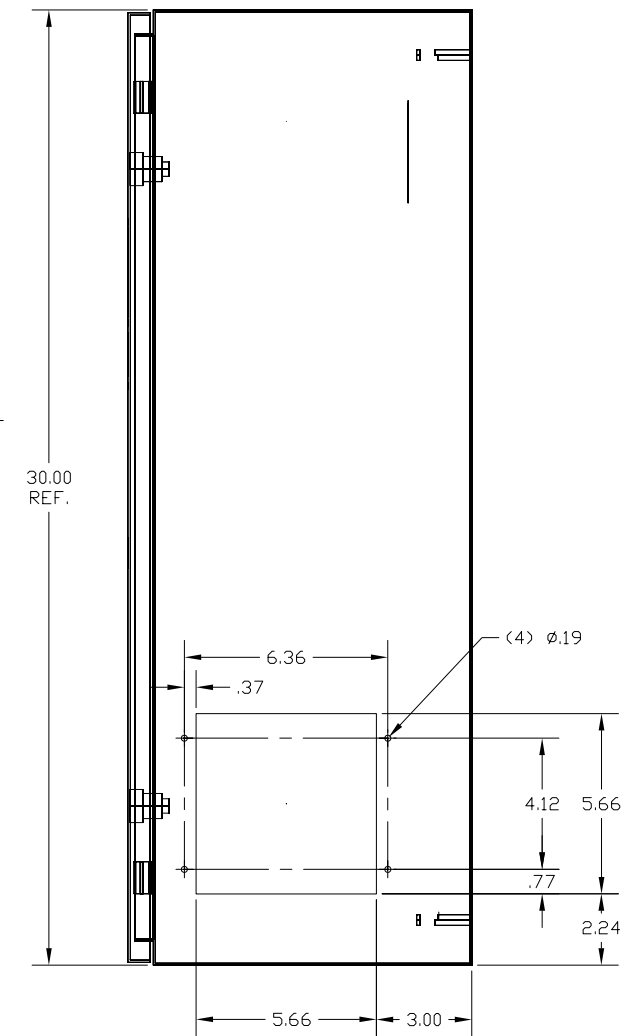
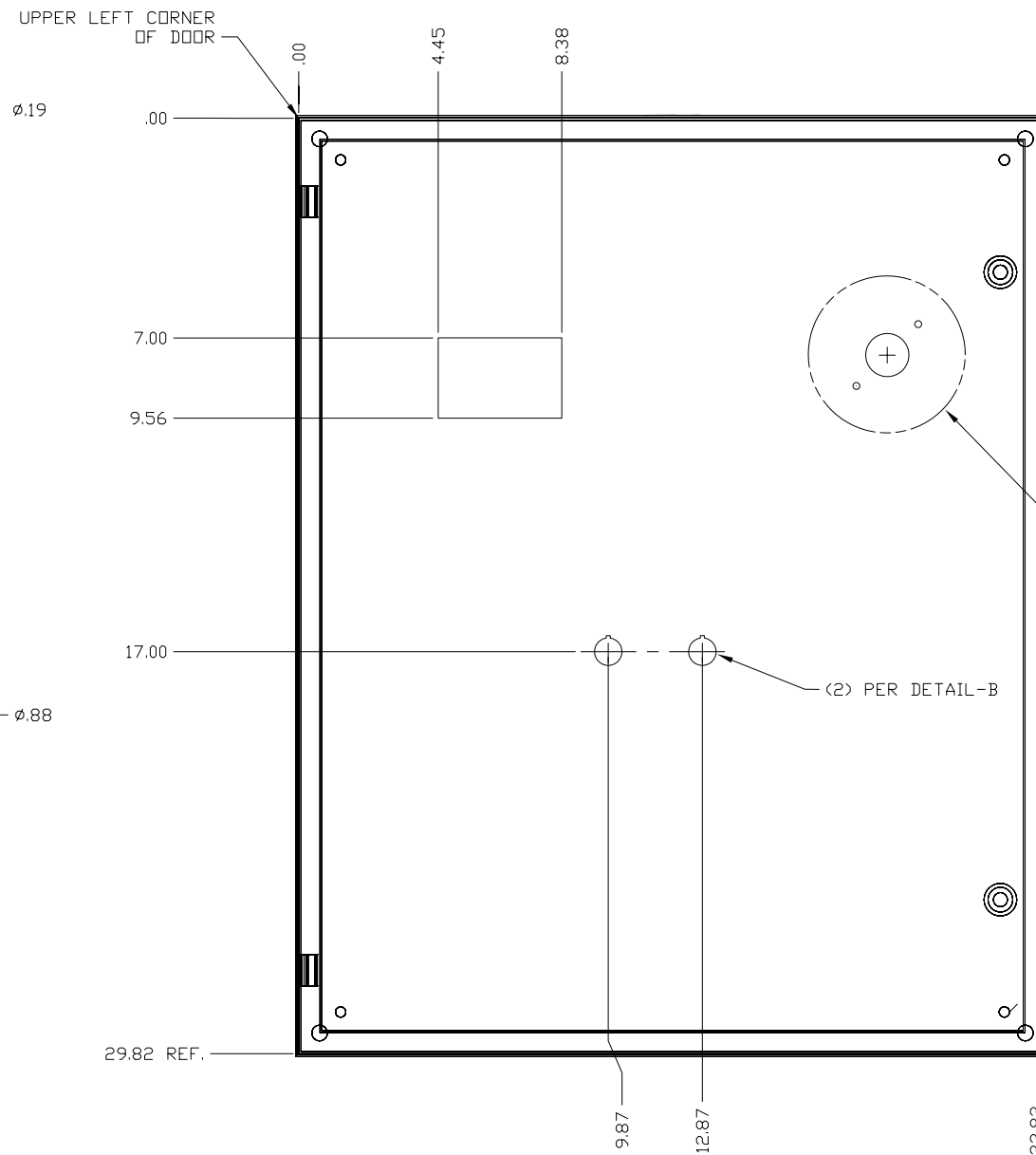
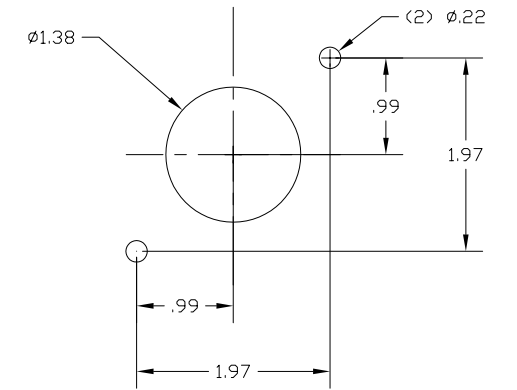
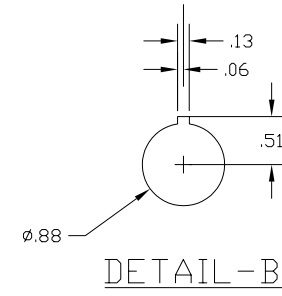
DWG XX
DATE 12-19-08
DWG NO
EXAMPLE
SHEET 13 OF XX

DATE 12-19-08
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A diagram of a 4x4 grid. The top-left 2x2 subgrid is highlighted with a thick border. Inside this subgrid, the text "DR1132" is written in the top-left cell, and "PF4M" is written in the bottom-right cell. The grid contains several small circles: one in the top-left corner, one in the top-right corner, four in the row below the highlighted subgrid, five in the row below that, and one in the bottom-left corner and one in the bottom-right corner.

A vertical strip of 15 hand-drawn sketches of mechanical components. From top to bottom: 1. A shaft with three pulleys of different diameters. 2. A shaft with a single pulley. 3. A shaft with a single pulley. 4. A shaft with a single pulley. 5. A shaft with a single pulley. 6. A shaft with a single pulley. 7. A shaft with a single pulley. 8. A shaft with a single pulley. 9. A shaft with a single pulley. 10. A shaft with a single pulley. 11. A shaft with a single pulley. 12. A shaft with a single pulley. 13. A shaft with a single pulley. 14. A shaft with a single pulley. 15. A shaft with a single pulley.

ITEM	DESCRIPTION	MFG	CATALOG
50	CIRCUIT BREAKER IEC, H-FRAME T/M 32 AMP	AB	140UE-H2E4-C32
	190E		
51	MCS ECO STARTER, 1.6-2.5A, 24VAC/VDC COIL, W/INTERFACE	AB	190E-ANEJ2-CB25S-KN-S10-TE
52	TRIP CONTACT, RIGHT SIDE MOUNT, 1N.O. & 1N.C.	AB	140M-C-ASAM11
	103T		
53	MCS IEC COMBINATION STARTER W/ELEC OLR, 2.5A, 24VDC	AB	103T-AWDJ4-QB25S-E1C-KN-TE
	POWERFLEX 4M		
54	POWERFLEX 4M DRIVE, 480VAC, 3PH, 2.5A, 1HP, FRAME A	AB	22F-D2P5N103
55	MPCB, STANDARD MAG. TRIP, 1.6-2.5A, FRAME C, 1N.O. & 1N.C.	AB	140M-C2E-B25-KN-TE-XQ
56	MCS-C CONTACTOR, IEC, 9A, 24VAC/DC, SINGLE PACK	AB	100-C09EJ10
57	TRIP CONTACT, FRONT MOUNT, 1N.O. & 1N.C., AUX 1N.O & 1N.C	AB	140M-C-AFAR10A10
58	800F ALTERNATE ACTION PUSHBUTTON, RED, NO LEGEND	AB	800FP-FA4PX20E
	700-HLT		
59	ELECTROMECHANICAL RELAY OUTPUT, 24VDC, SPDT (1C/0)	AB	700-HLT1Z24
60	ELECTROMECHANICAL RELAY OUTPUT, 24VDC, DPDT (2C/0)	AB	700-HLT1Z224
	E-STOP		
61	NON-ILLUM MUSH HEAD, TWIST TO RELEASE, RED, 1N.O. CONTACT	AB	800FM-MT64EX10E
	800F PUSHBUTTONS FOR START STOP (EXCEPT PF-4M)		
62	PUSHBUTTON, METAL, FLUSH GREEN, START, 1N.O. CONTACT	AB	800FM-F301PX10
63	PUSHBUTTON, METAL, EXTENDED RED, STOP, 1N.C. CONTACT	AB	800FM-F402PX01
	HOA SELECTOR SWITCH		
64	PLASTIC, MAINTAINED, BLACK, KNOB LEVER, 2N.O. CONTACTS	AB	800FP-HM32PX20
65	LEGEND PLATE, BLACK WITH WHITE LEGEND, HAND-OFF-AUTO	AB	800FM-F402PX01
	NEMA 309 STARTER		
66	300 NEMA CONTACTOR, SIZE 0, OPEN, 120V, 3 POLE, 1N.O. AUX	AB	300-AOD930
67	E1 PLUS SOLID STATE OVERLOAD RELAY, 1.0-5.0A (3 PH)	AB	193-EECD
68	MCP STANDARD MAGNETIC TRIP, 2.5A, FRAME C, 1N.O. & 1N.C.	AB	140M-C2N-B25-KN-TE-XQ
69	TRIP CONTACT, FRONT MOUNT, TRIP 1N.O.&1N.C, AUX 1N.O.&1N.C.	AB	140M-C-AFAR10A10
	103T WITH TOP OR BOTTOM CONNECTOR PLUGS		
70	MCS IEC COMBINATION STARTER W/ELECTRONIC OLR, 2.5A, 24VDC	AB	103T-AWDJ2-QB25S-E1C-KN-SP-TE
71	MCS IEC COMBINATION STARTER W/ELECTRONIC OLR, 2.5A, 24VDC	AB	103T-AWDJ2-QB25S-E1C-KN-SB-TE
72	194R DISCONNECT, OPEN, NON-FUSED, 30A UL/40A IEC, 3 POLE	AB	194R-N30-1753



DOOR MODIFICATION

-01	1	HOFFMAN PART CSD302410	ANSI 61 GRAY
PART NO.	CHG. CHAR.	MATERIAL	SURFACE TREATMENT

CAD PART CCBB_SMC_460_15_ENCLOSURE_DOOR_LAYOUT.DWG

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CONNECTED COMPONENTS
SIMPLE MOTOR CONTROL
ENCLOSURE DOOR LAYOUT

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