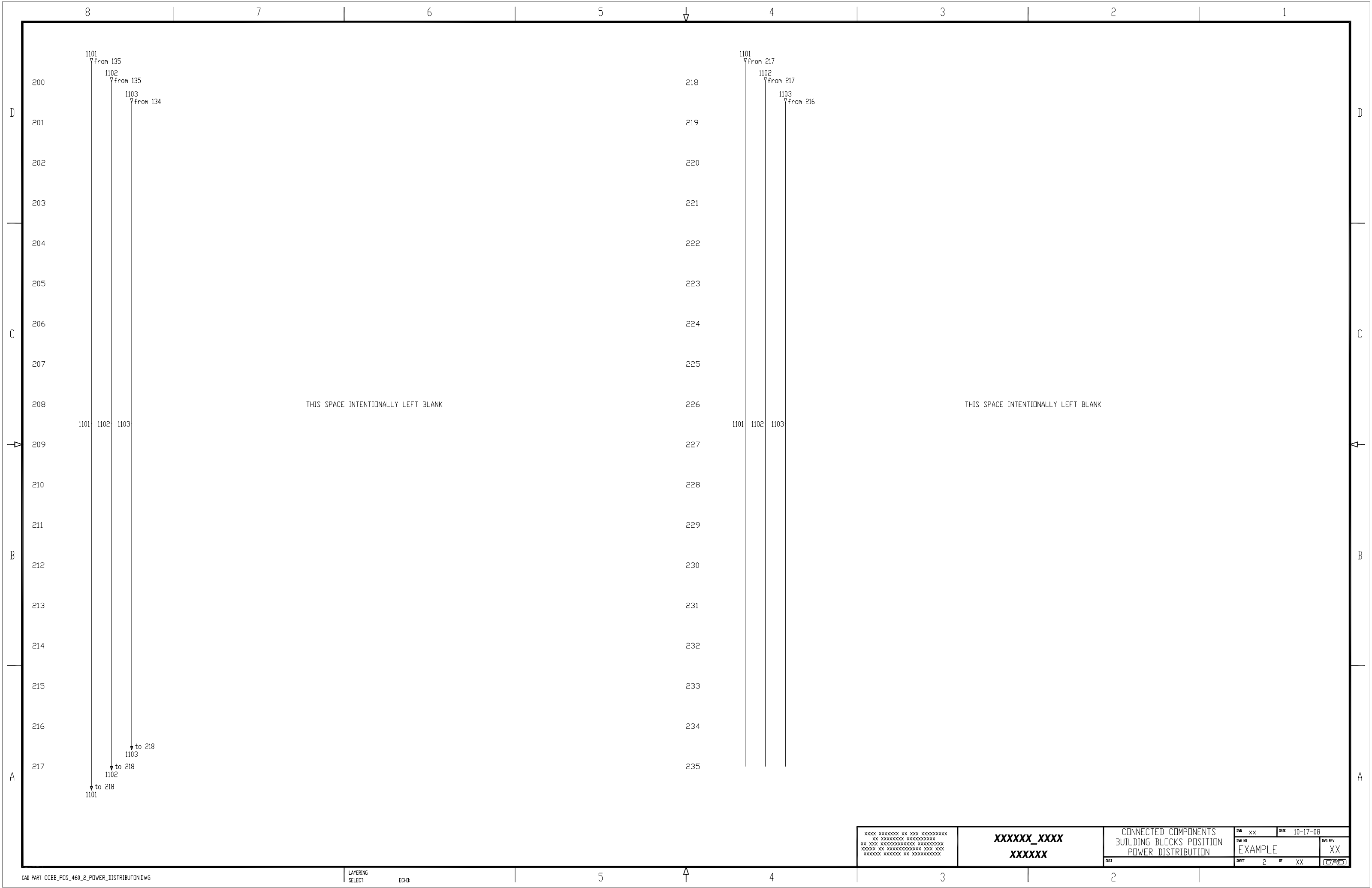


NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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



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CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
POWER DISTRIBUTION

DWG

XX

DATE

10-17-08

DWG NO

EXAMPLE

DWG REV

XX

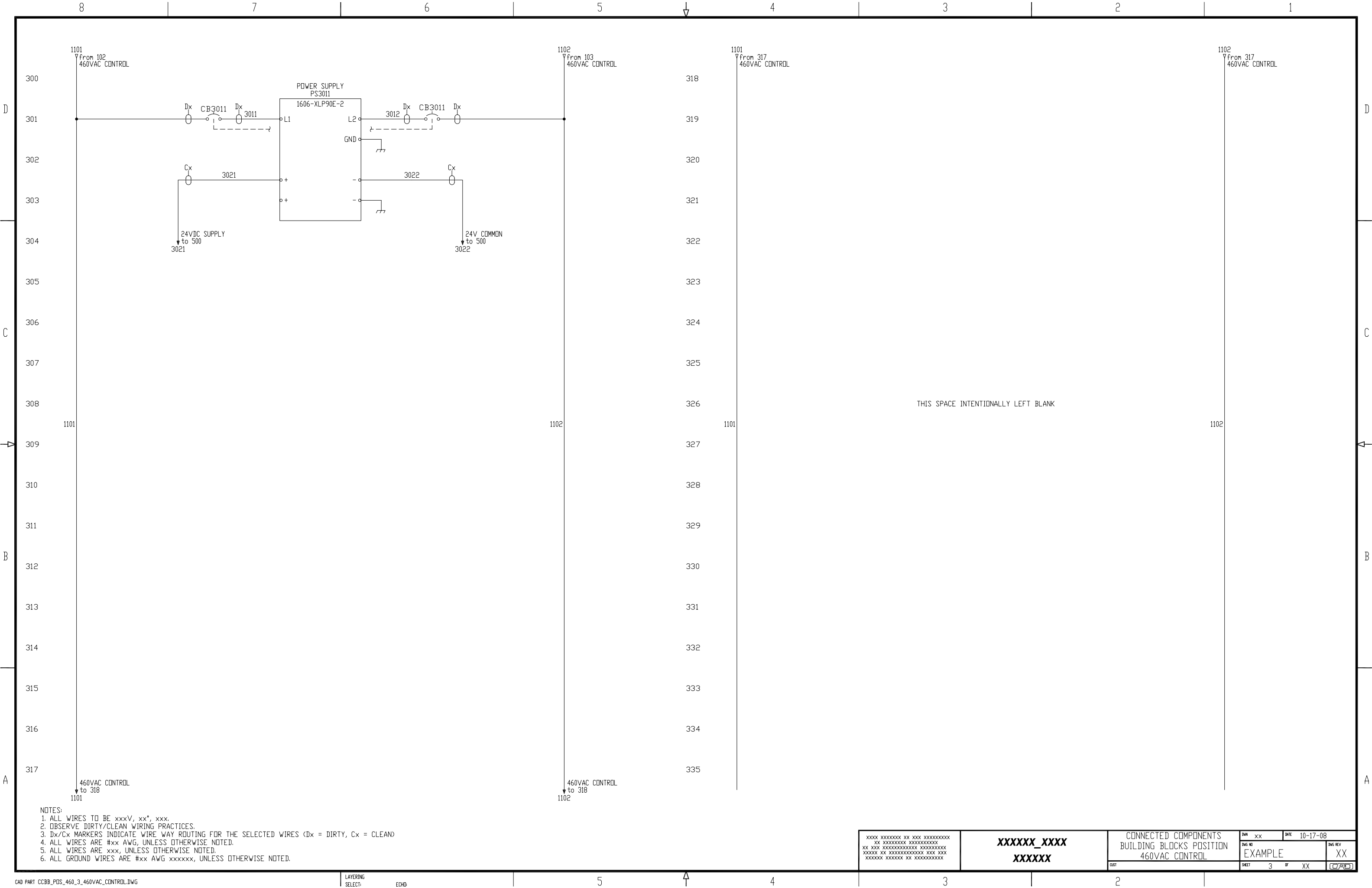
SHEET

2

OF

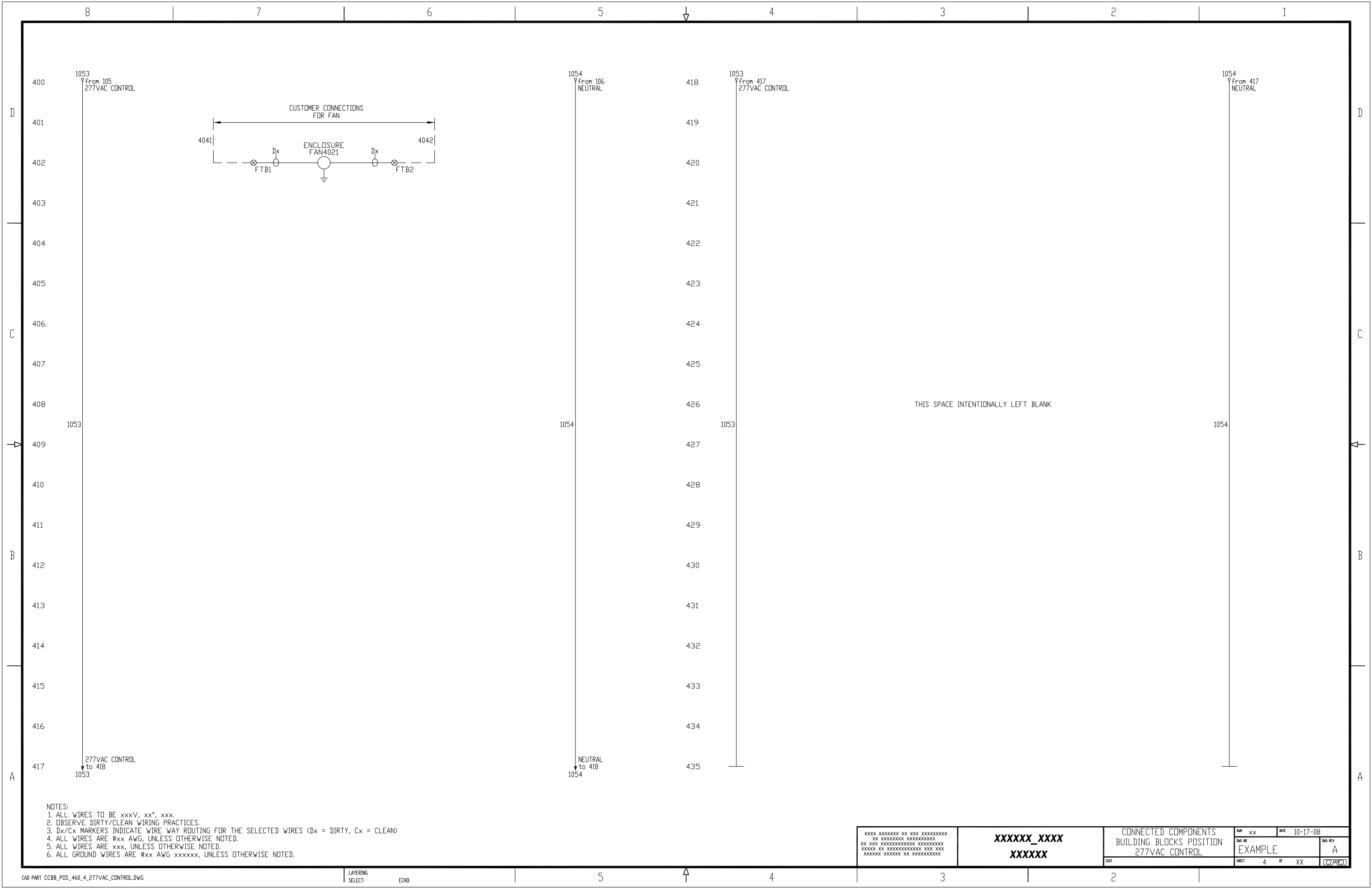
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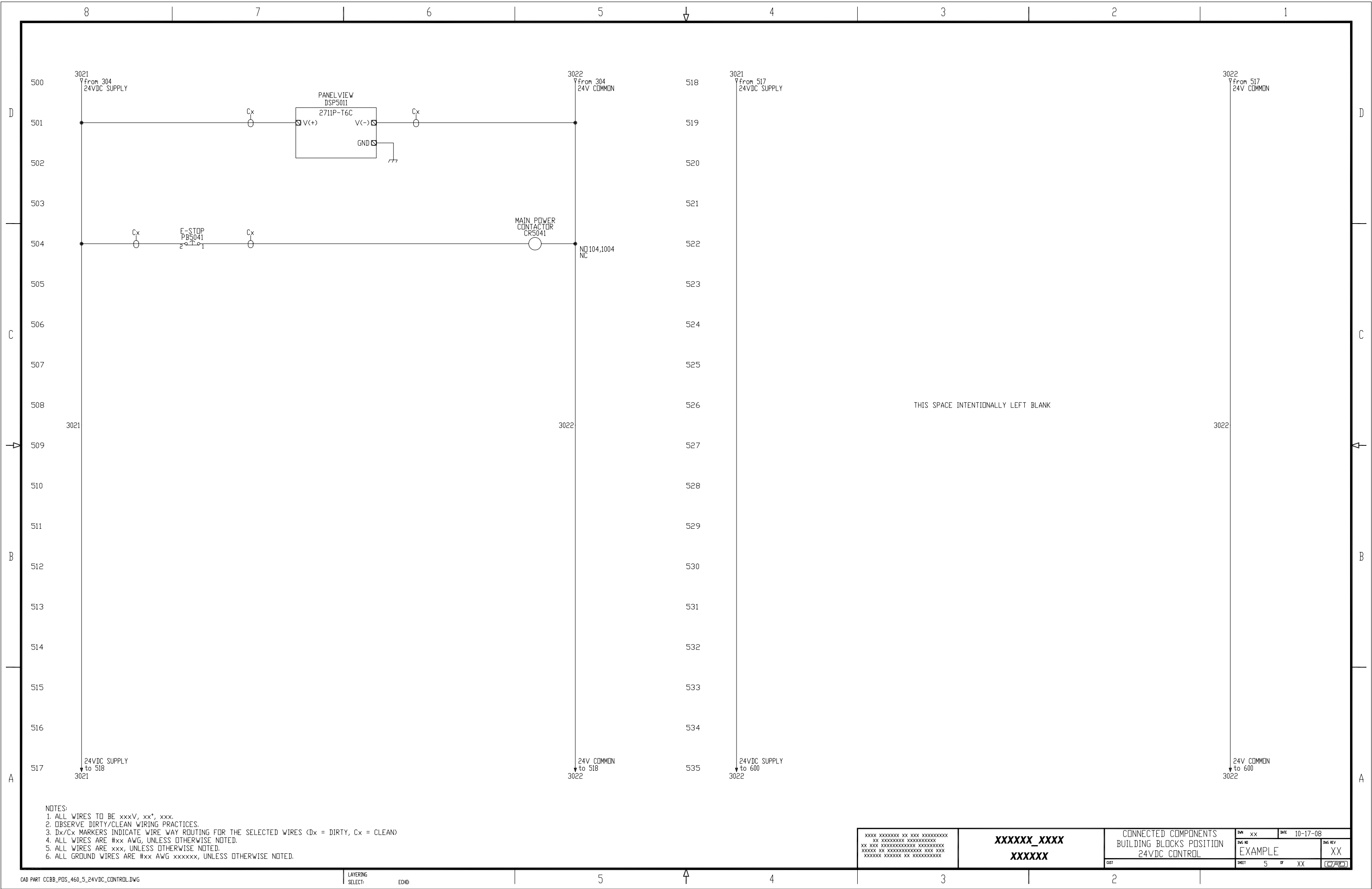
(P/40)

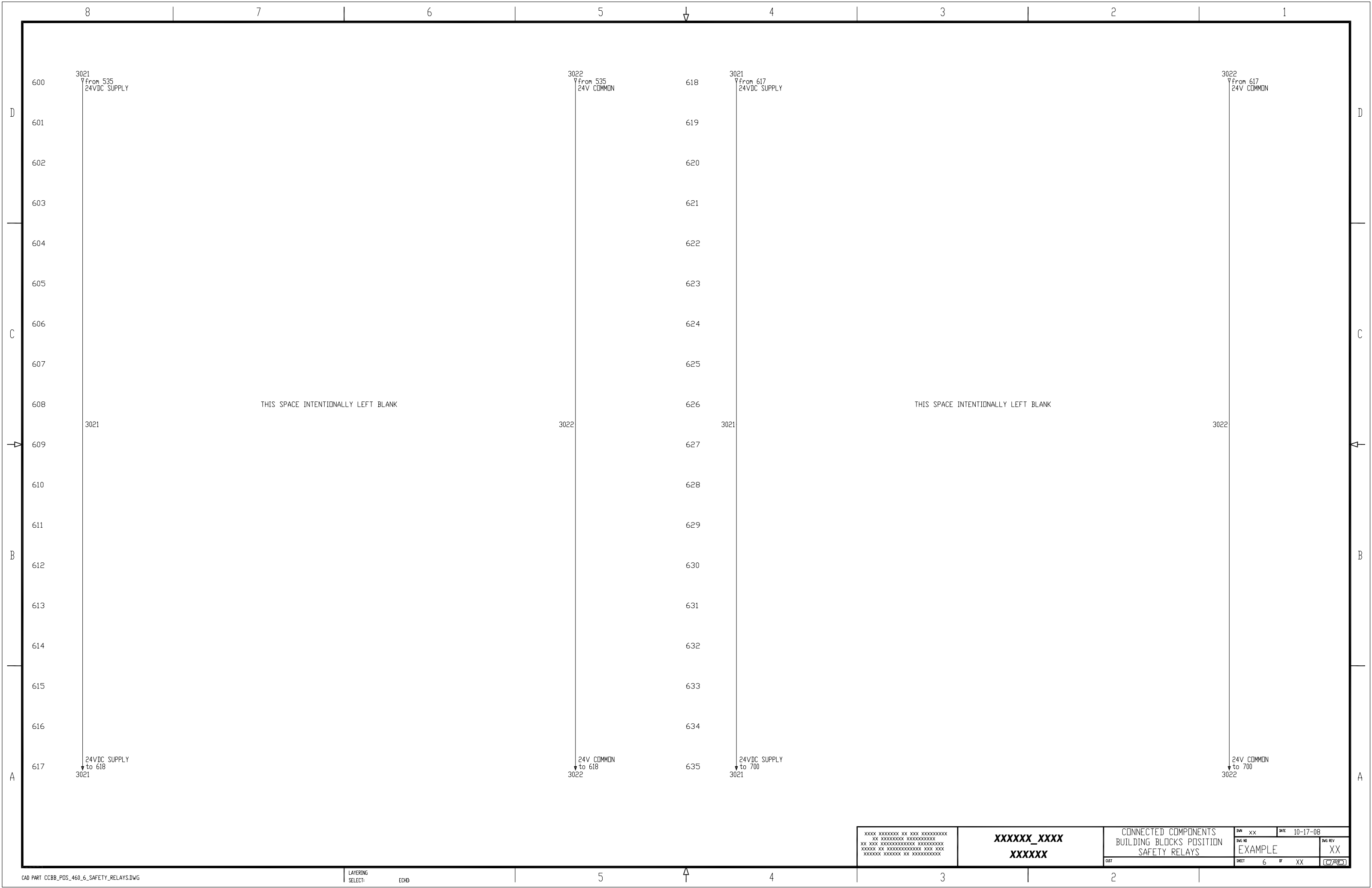


NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

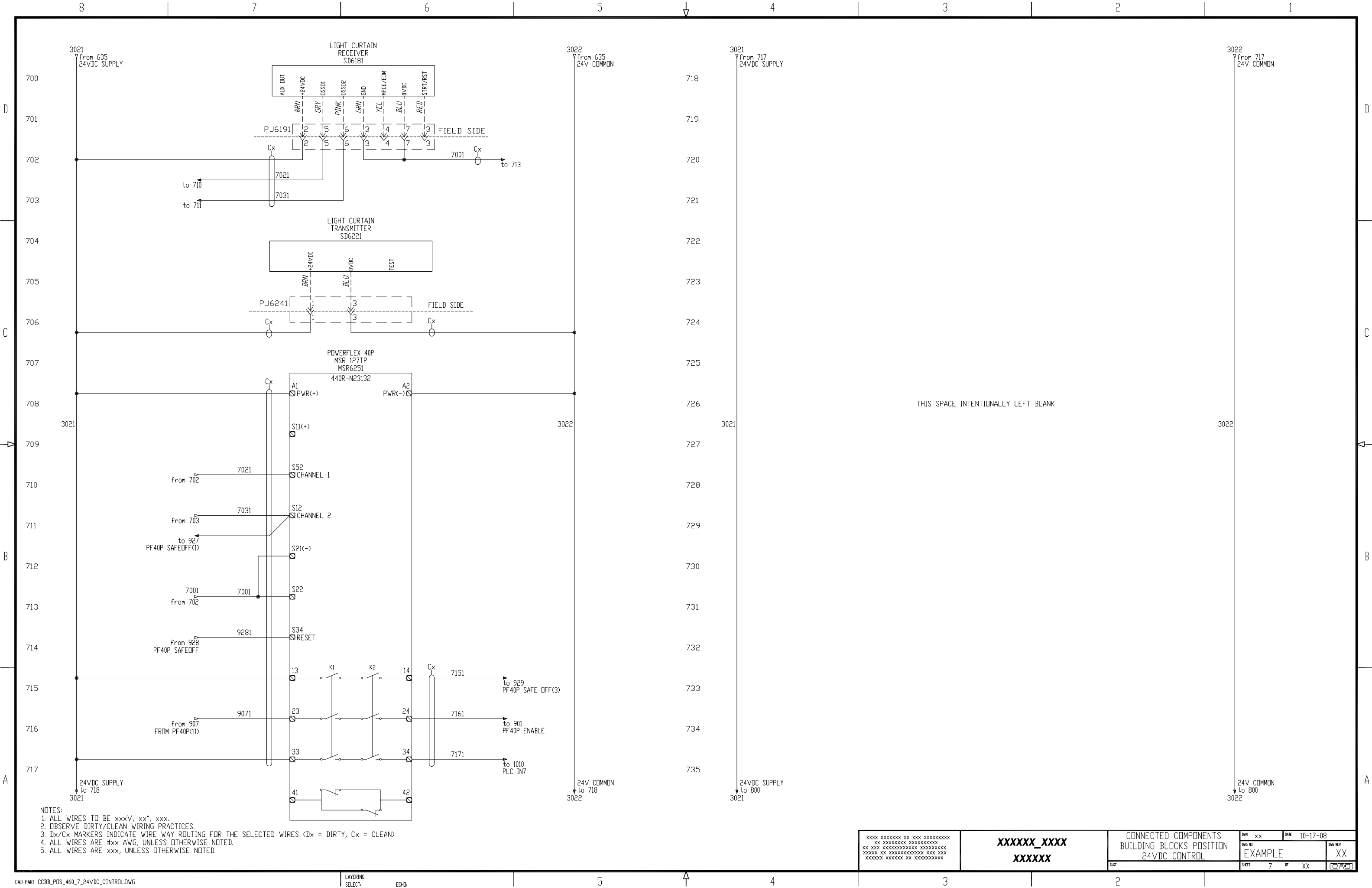
XXXXX XXXXXXXX XX XXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXX XX XXXXXXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXXX XX XXXXXXXXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS BUILDING BLOCKS POSITION 460VAC CONTROL		DWG XX	DATE 10-17-08
				DWG REV EXAMPLE	XX
	COST			SHEET 3 OF XX	C/A/D







XXXX XXXXXXXX XX XXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXX XX XXXXXXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXXX XX XXXXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS BUILDING BLOCKS POSITION SAFETY RELAYS		DWG NO EXAMPLE	DATE 10-17-08
		SHEET 6 OF XX		DWG REV XX	

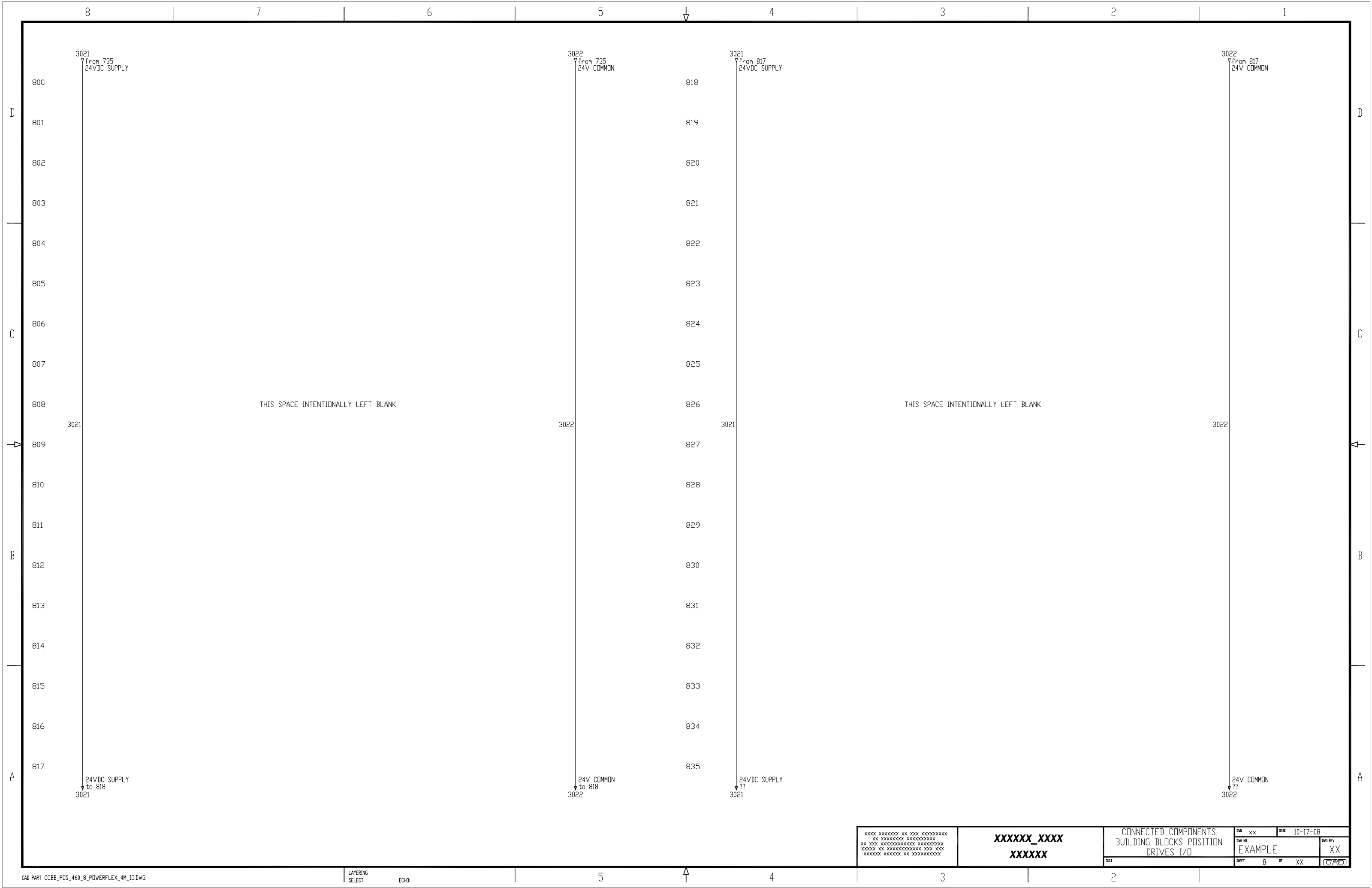


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CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
24VDC CONTROL

DWG	XX	DATE	10-17-08
DWG NO	EXAMPLE	DWG REV	XX
SHEET	7	OF	XX



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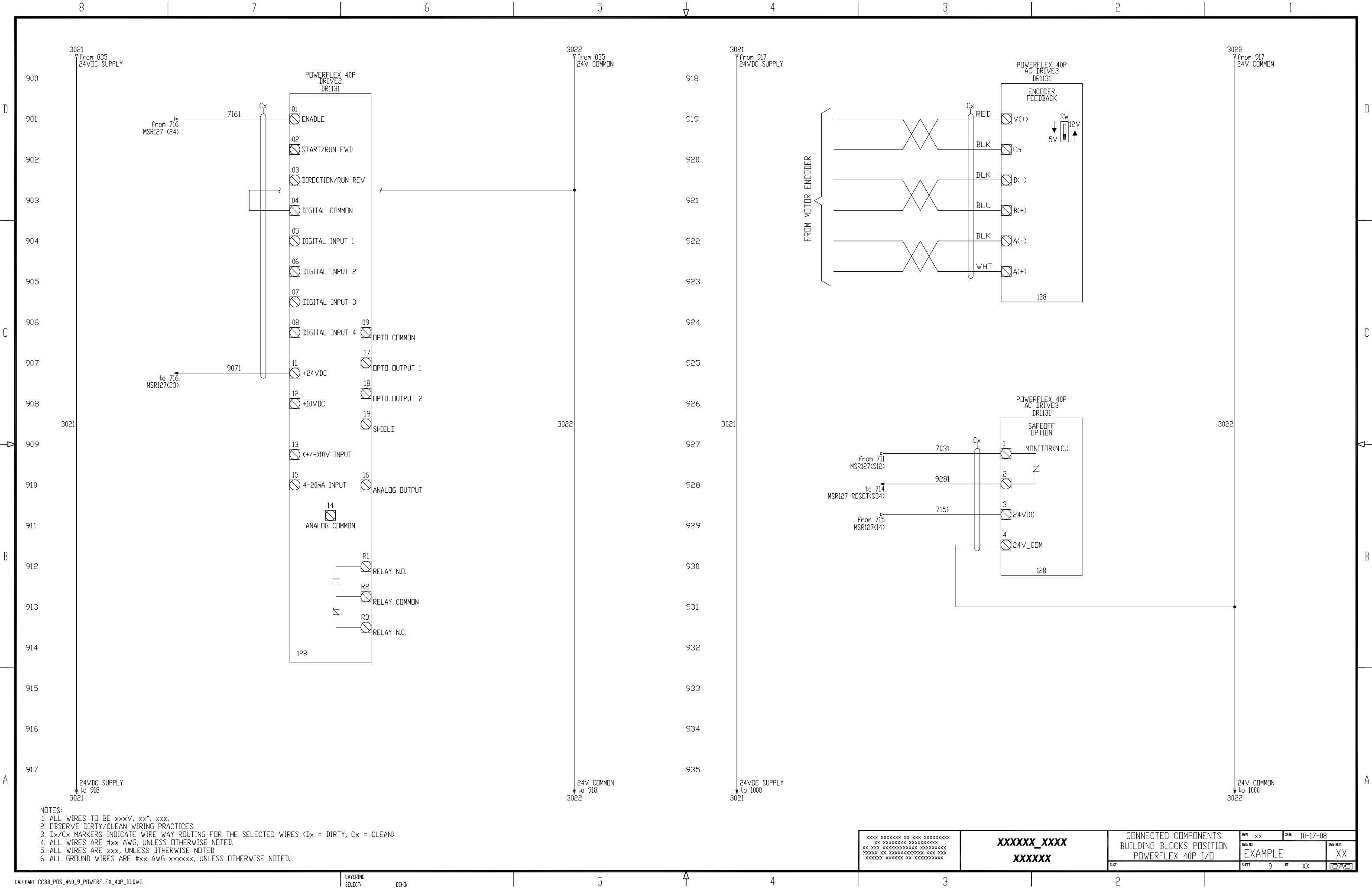
CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
DRIVES I/O

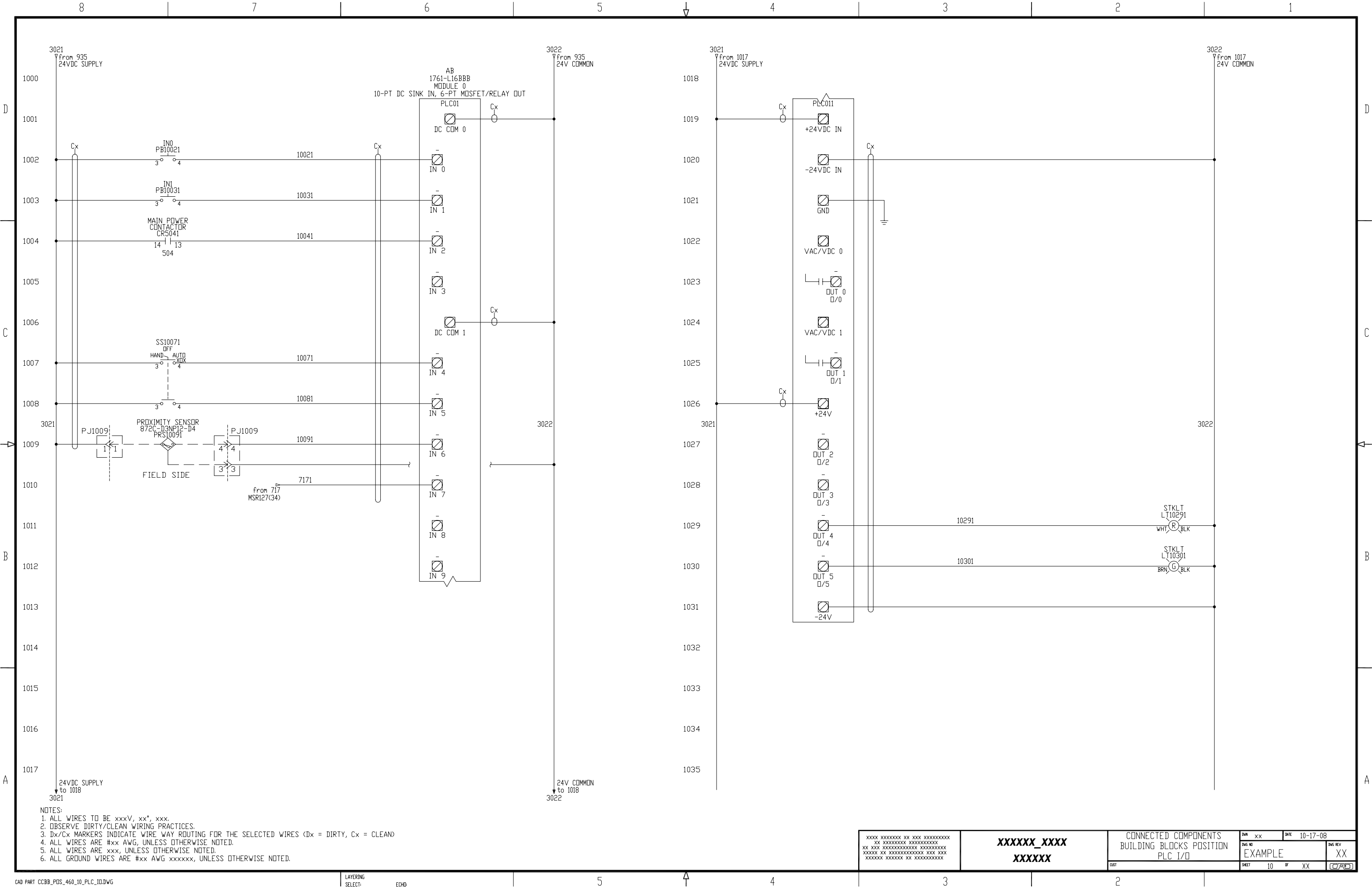
DWG XX

DWG REV
XX

SHEET 8 OF XX

CPAD





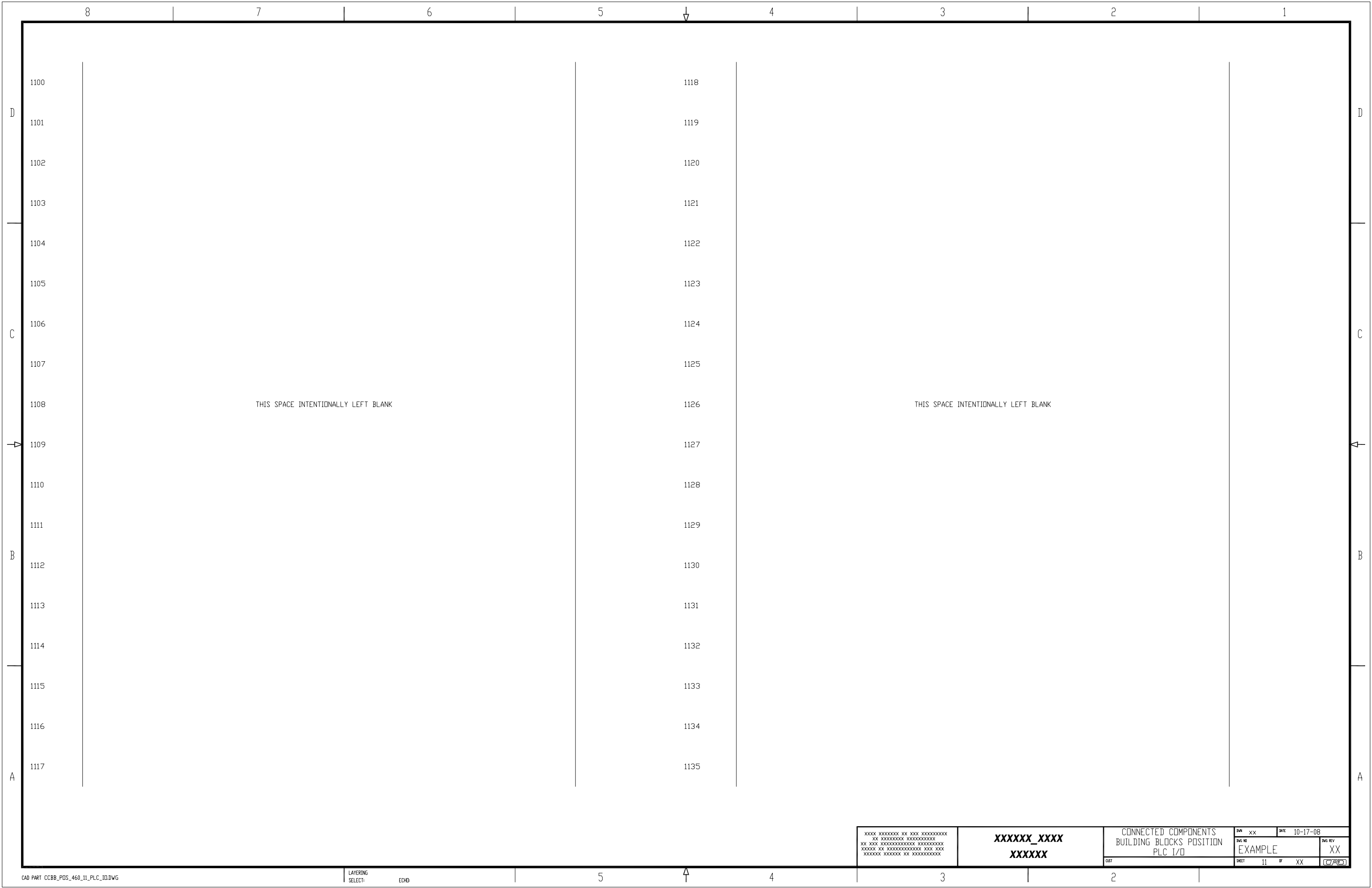
- NOTES:
- 1. ALL WIRES TO BE xxxV, xx*, xxx.
 - 2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
 - 3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
 - 4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
 - 5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
 - 6. ALL GROUND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

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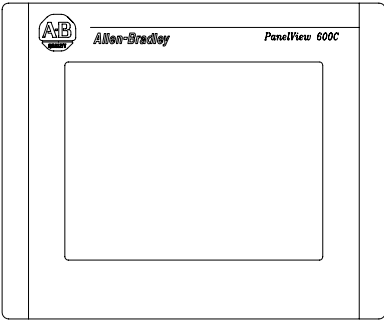
CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
PLC I/O

DWG NO	DATE	DWG REV
EXAMPLE	10-17-08	XX
SHEET	OF	
10	XX	



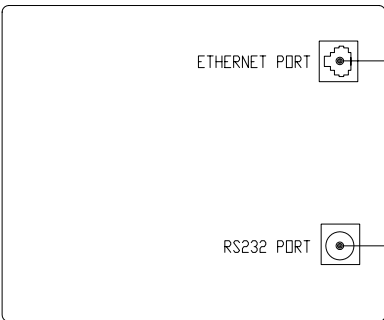
8		7		6		5		4		3		2		1	
D		1100						1118						D	
		1101						1119							
		1102						1120							
		1103						1121							
C		1104						1122						C	
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		1106						1124							
		1107						1125							
		1108		THIS SPACE INTENTIONALLY LEFT BLANK				1126		THIS SPACE INTENTIONALLY LEFT BLANK					
B		1109						1127						B	
		1110						1128							
		1111						1129							
		1112						1130						A	
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		1114						1132							
		1115						1133							
		1116						1134							
A		1117						1135						A	

HMI PANELVIEW 600C
2711C-T6C



2711P-CBL-EX04

MICROLOGIX 1100
1763-L16BBB
PLC01



ETHERNET PORT

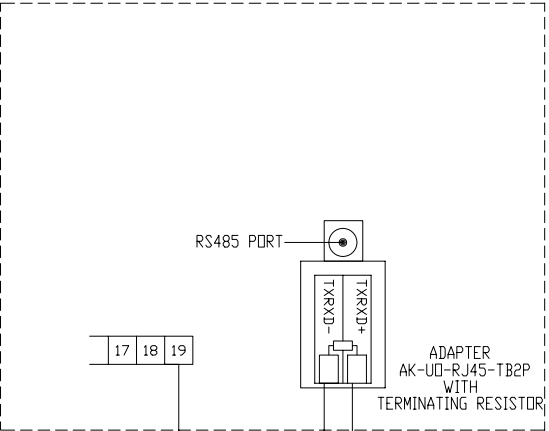
RS232 PORT

PLC01
1763-NC01

GND SHLD COM B A TERM

POWERFLEX
40P DRIVE

22D-D2P3N104



RS485 PORT

TXRXD+
TXRXD-

ADAPTER
AK-UD-RJ45-TB2P
WITH
TERMINATING RESISTOR

USE BELDEN PART #3105A OR EQUIVALENT RS485 NETWORK CABLE

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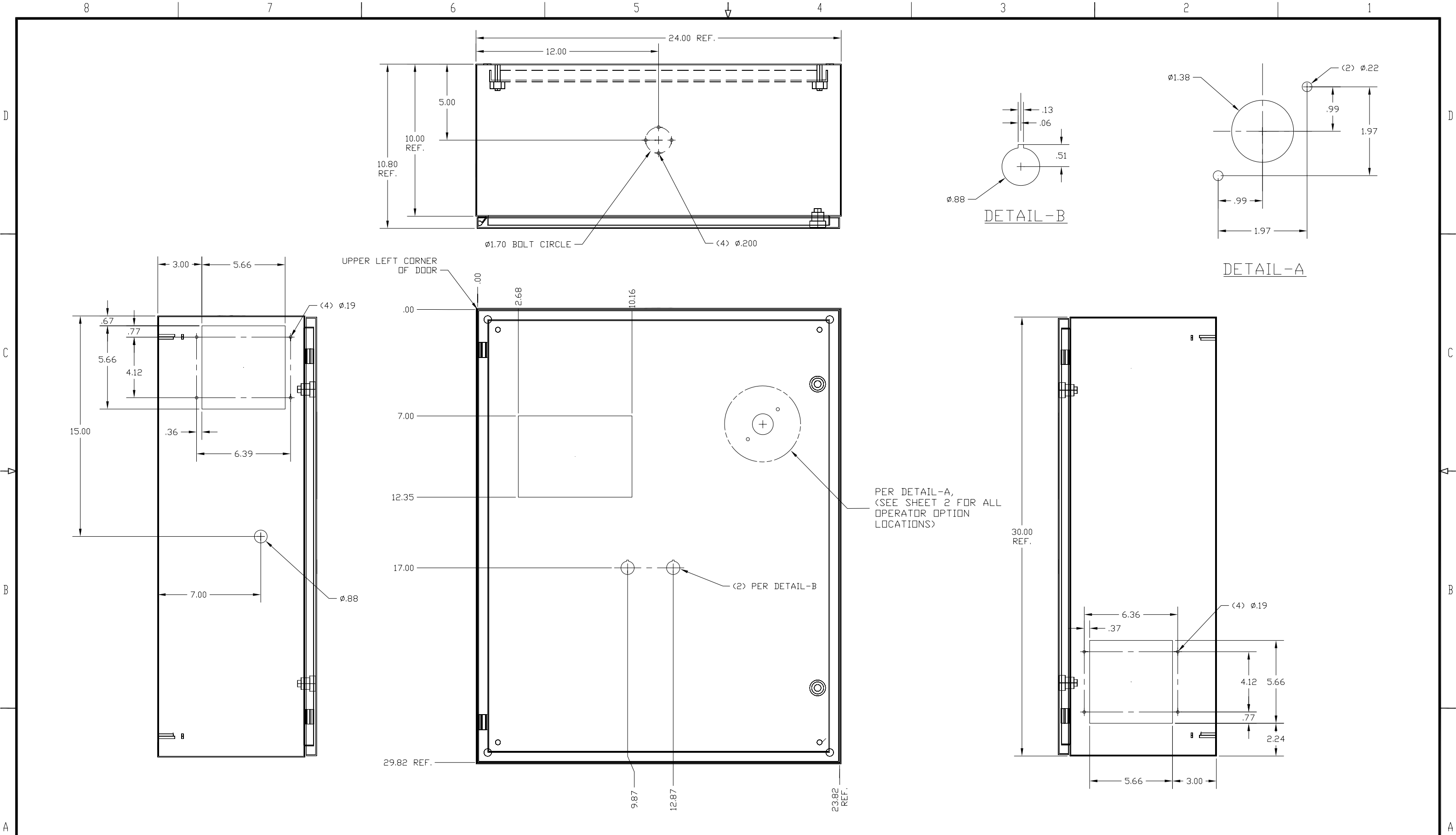
CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
COMMUNICATION DIAGRAM

DWG XX DATE 10-17-08

DWG NO EXAMPLE DWG REV XX

SHEET 12 OF XX

CAD



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

CAD PART CCBB_POS_460_14_ENCLOSURE_DOOR_LAYOUT.DWG

LAYERING
SELECT:

ECHO:

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CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
ENCLOSURE DOOR LAYOUT

DWG XX DATE 10-17-08

DWG NO
EXAMPLE

DWG REV
XX

SHEET 14 OF XX

CAD

8

7

6

5

4

3

2

1

51

"F" FRAME CIRCUIT BREAKER

50

ROTARY VARIABLE DEPTH MECHANISM

54

MICROLOGIX 1400

52

30A FUSED DISCONNECT

55

ETHERNET SWITCH

56

REMOTE ACCESS ETHERNET SWITCH

53

60A FUSED DISCONNECT

57

ETHERNET SWITCH

58

ETHERNET SWITCH

ADDITIONAL PARTS LIST

ITEM	DESCRIPTION	MFG	CATALOG
50	ROTARY VARIABLE DEPTH MECHANISM	AB	140U-RVM12R
51	"F" FRAME CIRCUIT BREAKER	AB	140UE-H2EA-C32
52	30A FUSED DISCONNECT	AB	194R-C30-1753
53	60A FUSED DISCONNECT	AB	194R-D32/D63-1753
54	MICROLOGIX 1400, 24VDC, DIGITAL I/O, ANALOG I/O, ETHERNET	AB	1766-L32BXBA
55	STRATIX 6000, 8 PORT ETHERNET SWITCH	AB	9300-8EDM
56	REMOTE ACCESS ETHERNET SWITCH	AB	9300-RADES
57	STRATIX 6000 SWITCH, ENTRY-LEVEL MANAGED, 8-PORT	AB	1783-EMS08T
58	STRATIX 2000 SWITCH, UNMANAGED, 5-COPPER PORTS	AB	1783-US05T

CAD PART CCBB_POS_460_15_ADDITIONAL_PARTS.DWG

LAYERING SELECT: ECHD

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CONNECTED COMPONENTS
BUILDING BLOCKS POSITION
ADDITIONAL PARTS

DWG XX
DATE 11-07-08
DWT
SHEET 15 OF XX

DWG REV XX
EXAMPLE
CADD