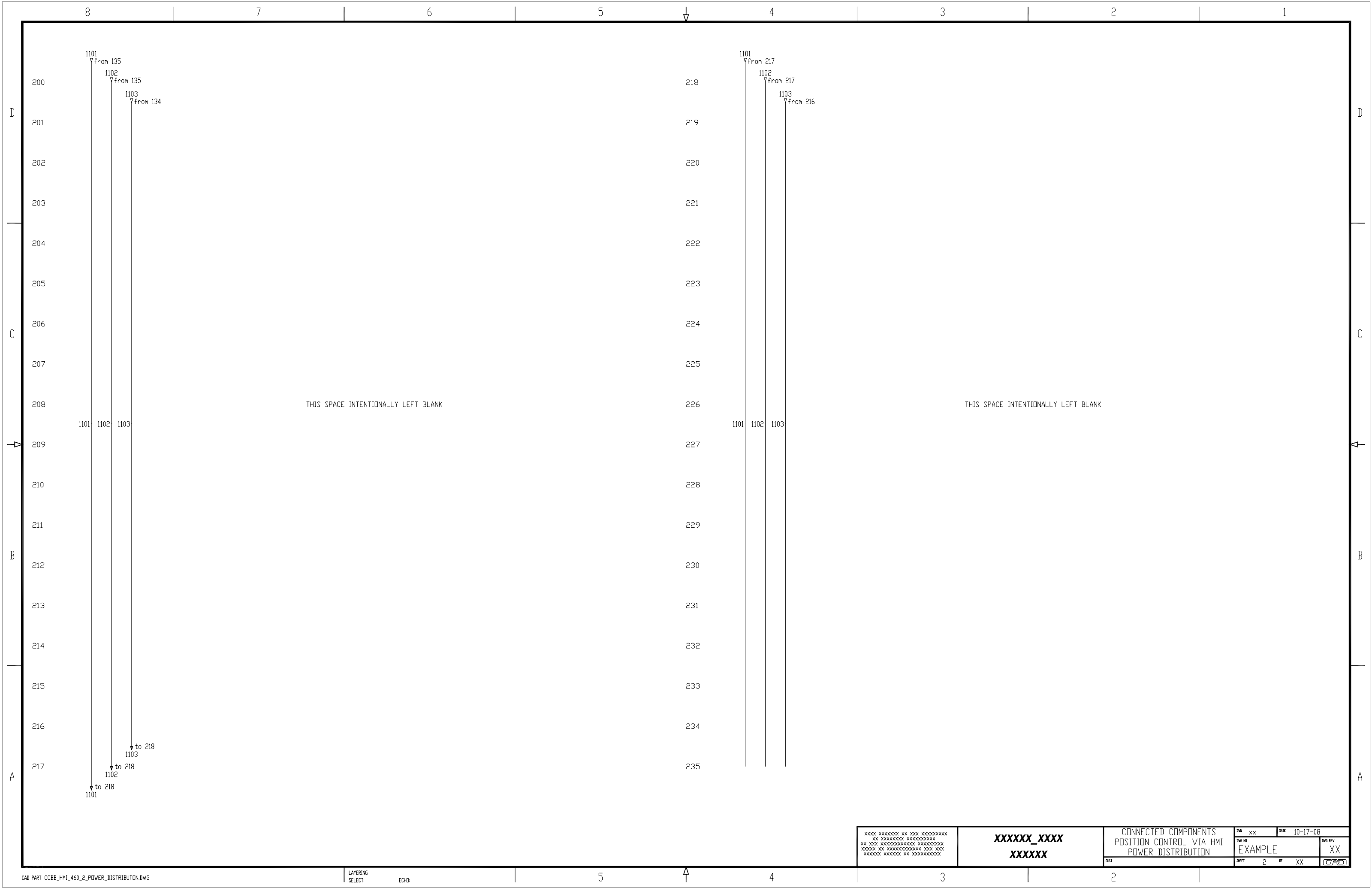
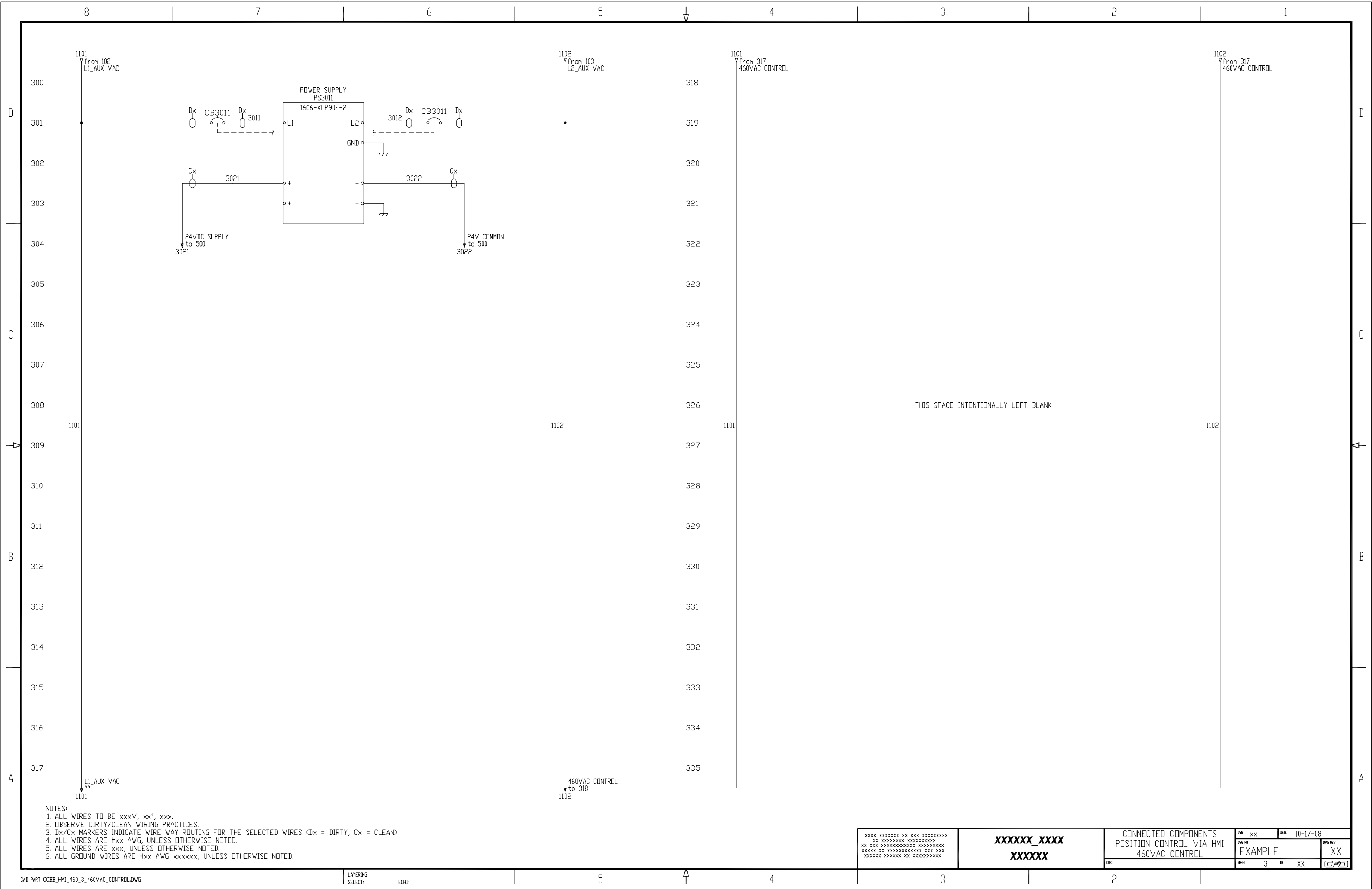
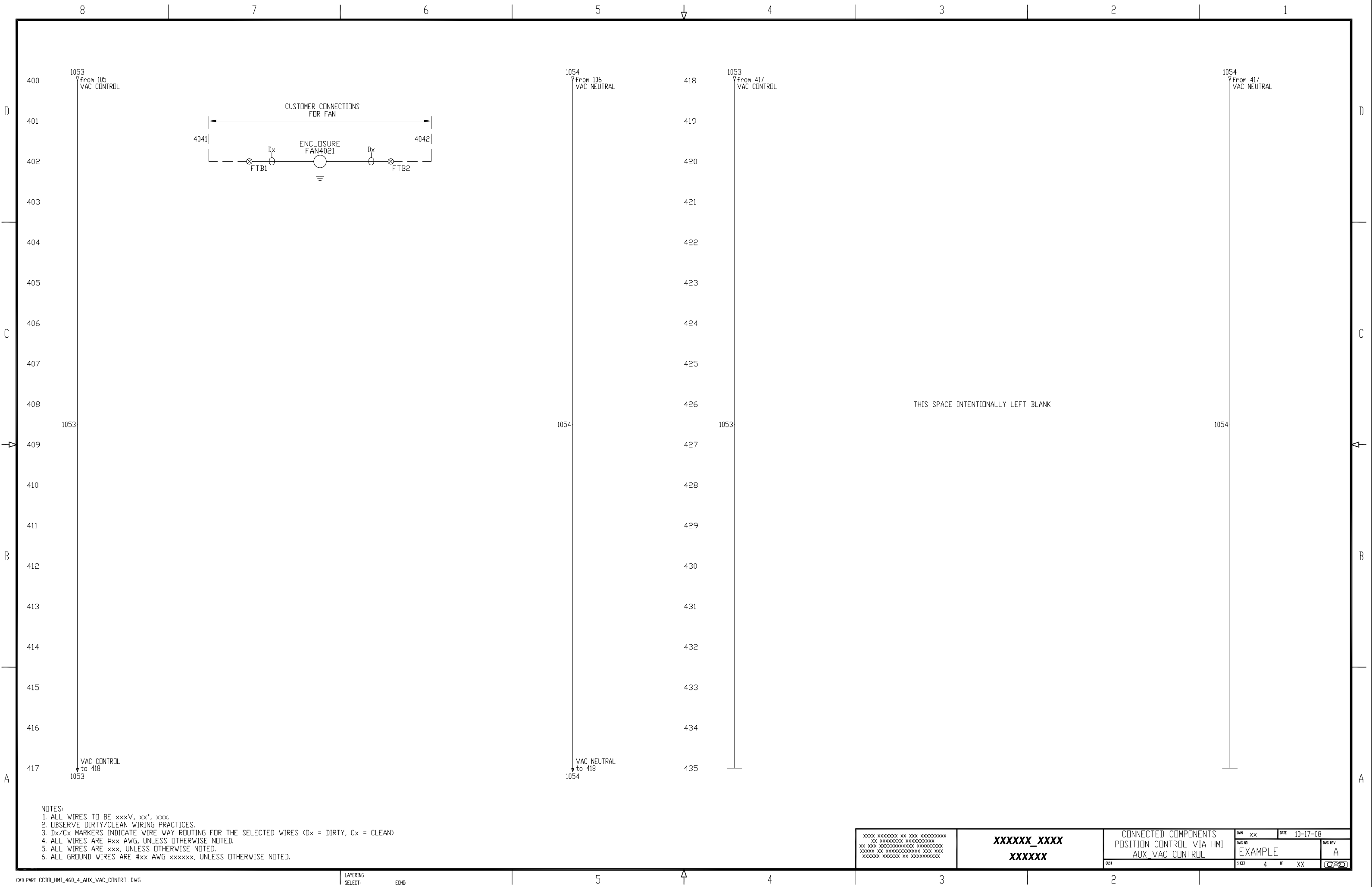


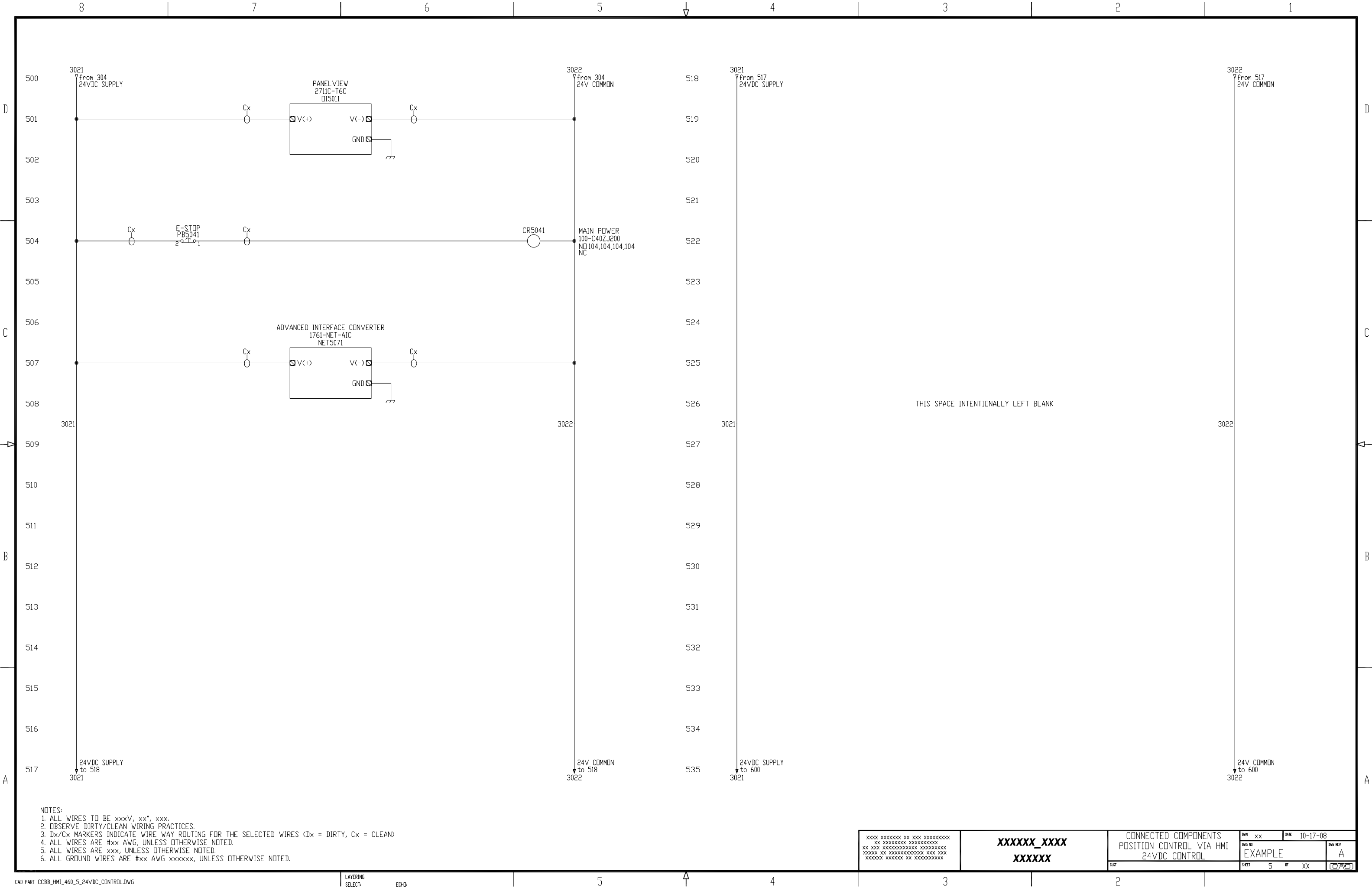
NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXXXX XX XXXXXXXXXX		XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS POSITION CONTROL VIA HMI DRIVE POWER DISTRIBUTION		DWG NO EXAMPLE	DWG REV A
CUST		SHEET 1	OF XX	DATE 10-17-08	CUST	



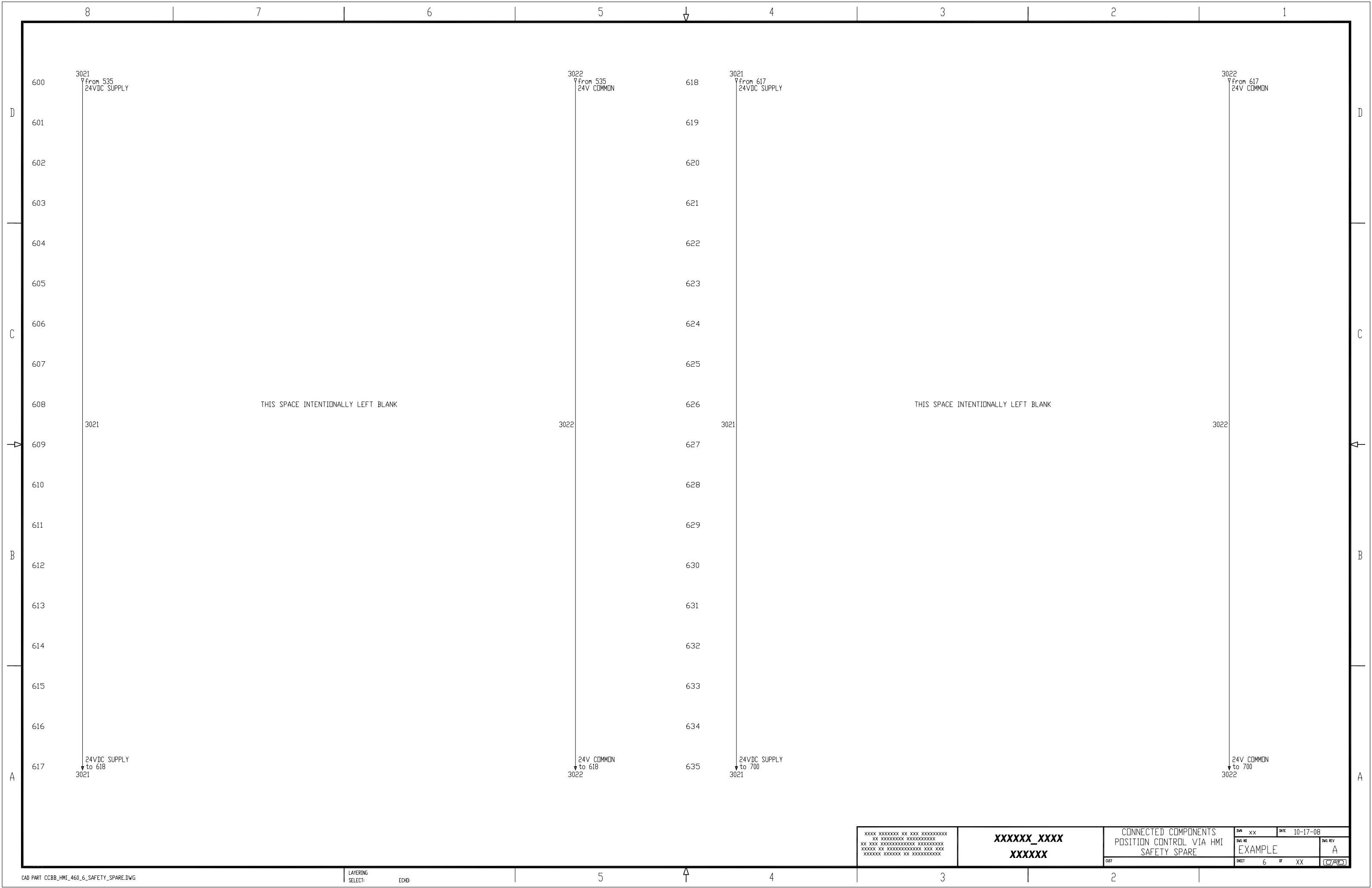


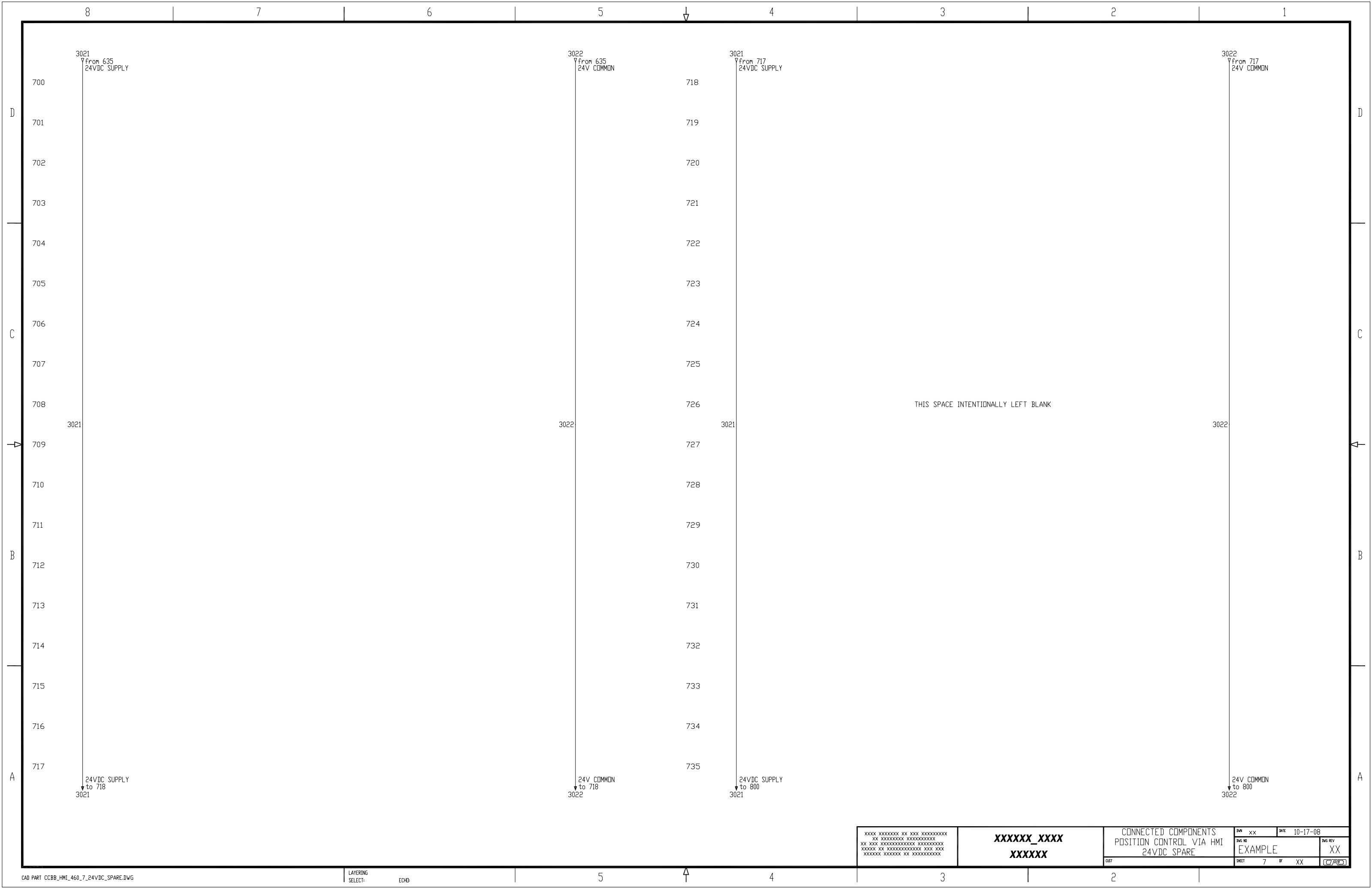


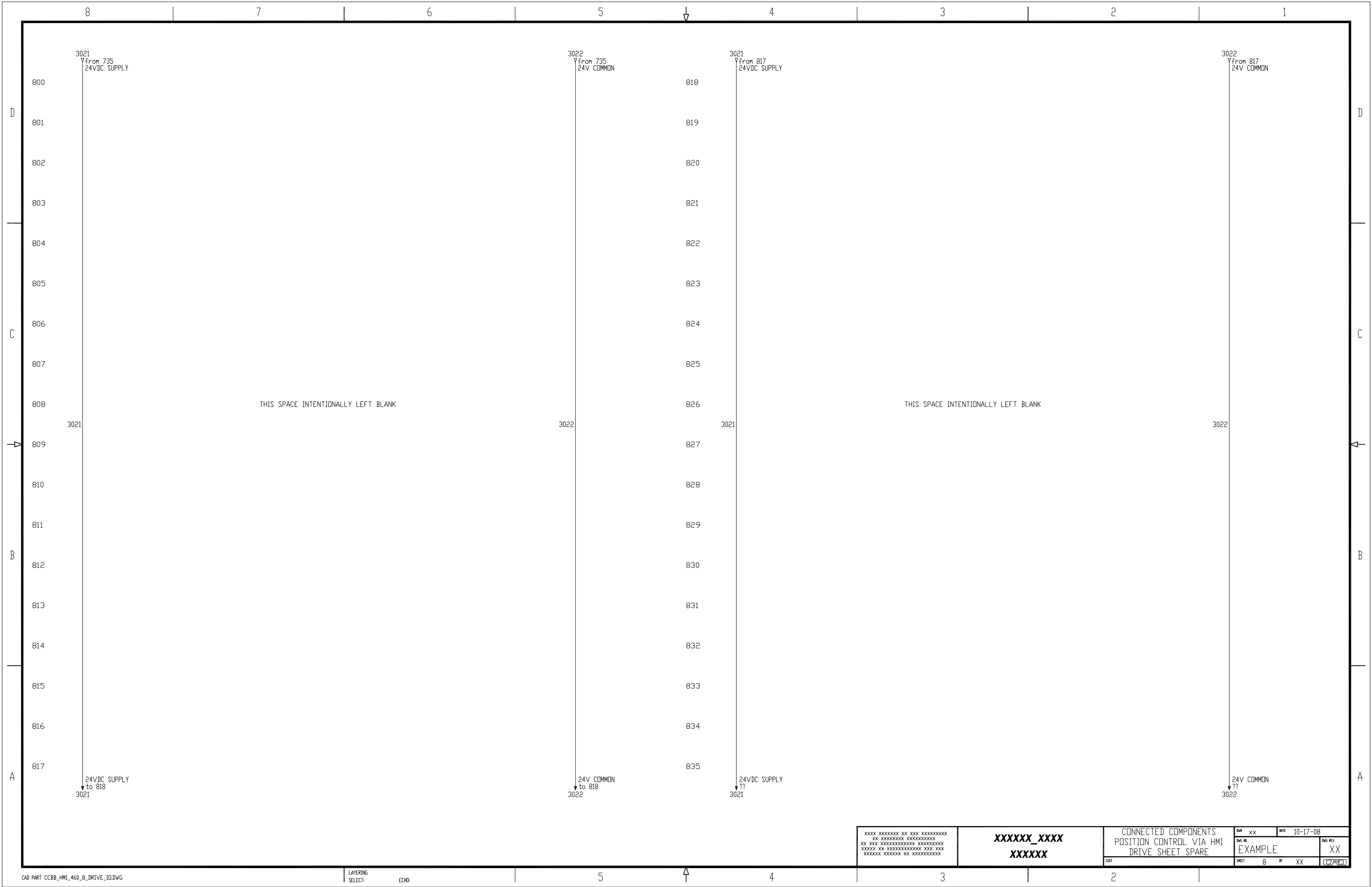


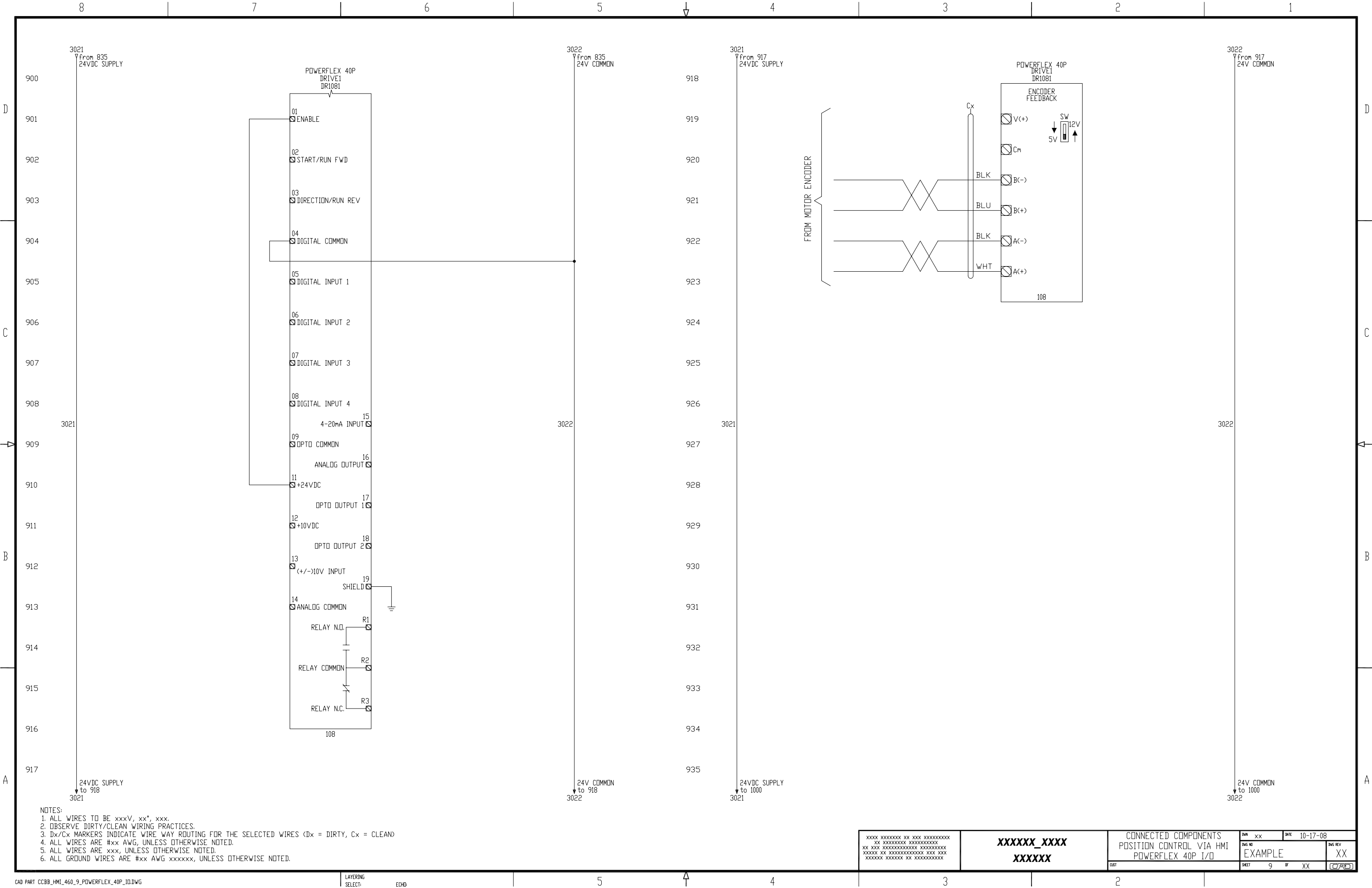
NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXX XX XXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS POSITION CONTROL VIA HMI 24VDC CONTROL		DWG NO EXAMPLE	DATE 10-17-08
		DWT		DWG REV A	
		SHEET 5		OF XX	DATE 10-17-08



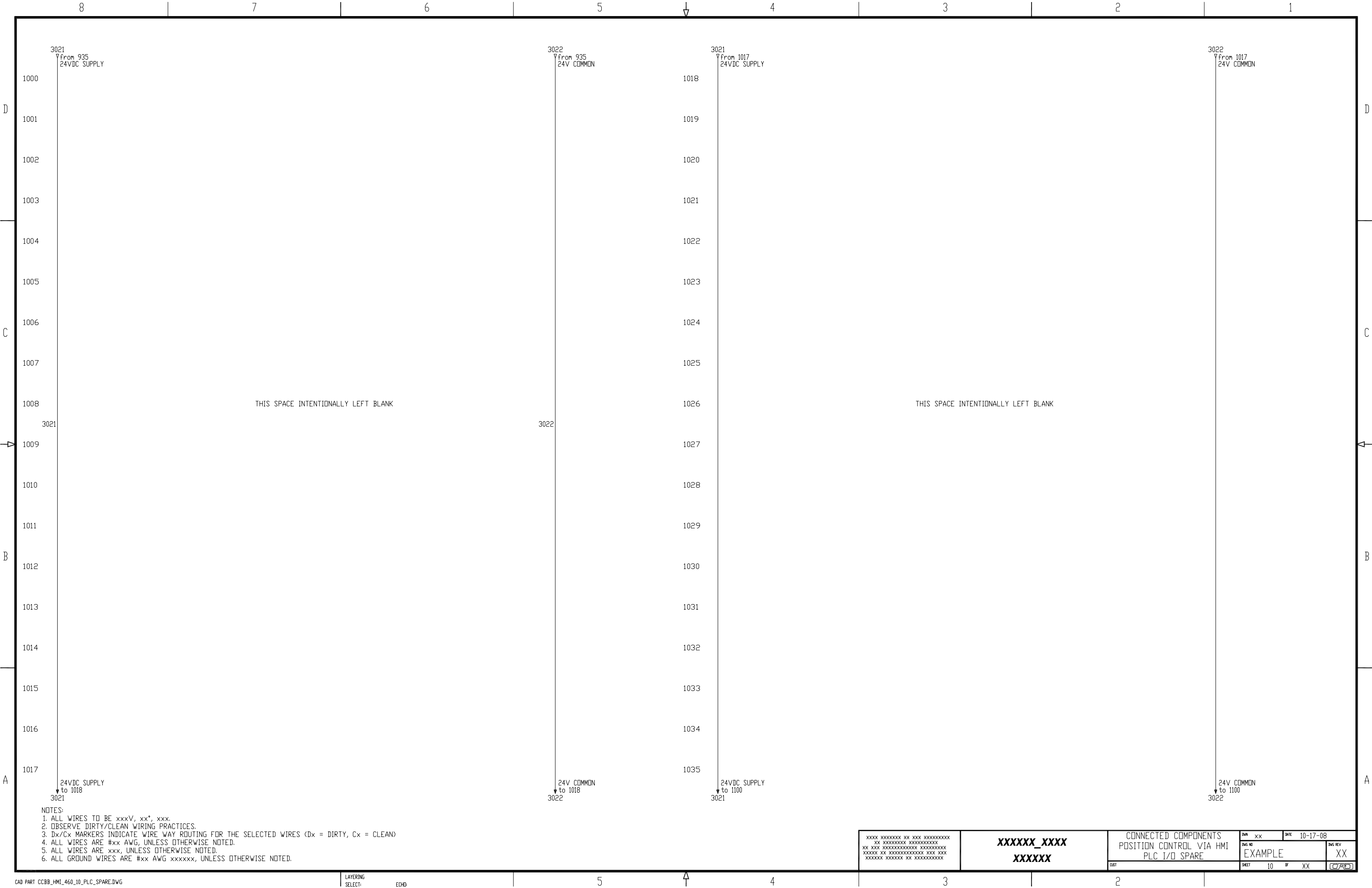


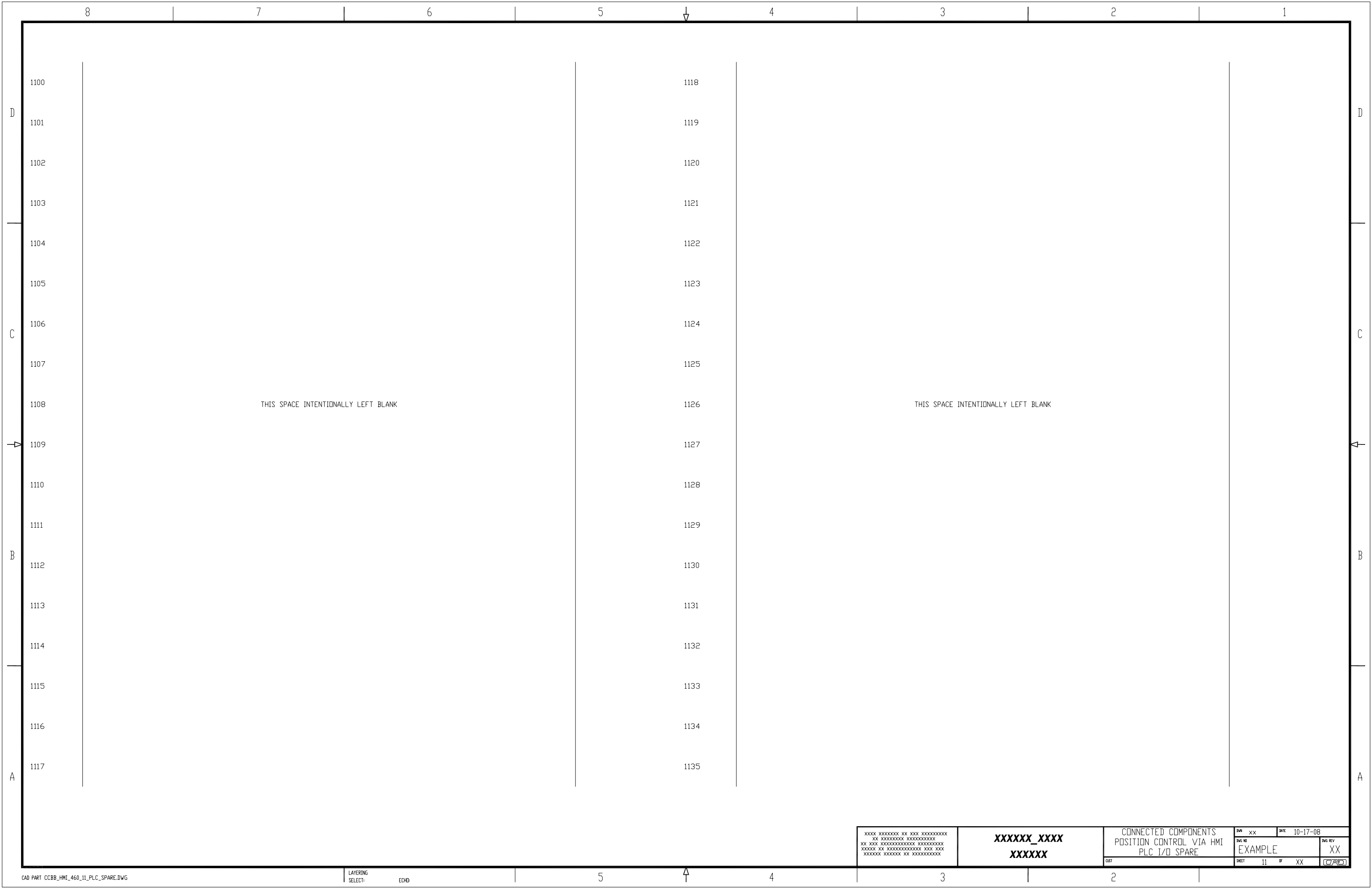




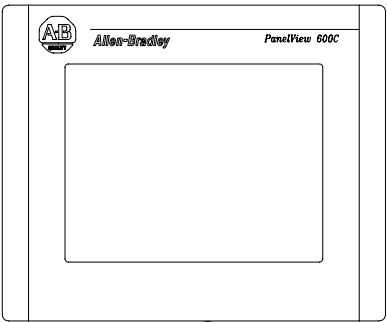
NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XX XXX XXXXXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXX XXX XXXXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS POSITION CONTROL VIA HMI POWERFLEX 40P I/O		SW XX	DATE 10-17-08
				DWG NO EXAMPLE	DWG REV XX
		CUST		SHEET 9	OF XX



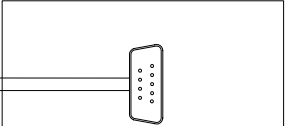


HMI PANELVIEW 600C
2711C-T6C

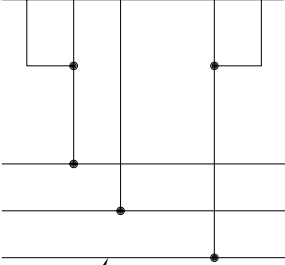


1761-AC00 (SERIAL CABLE)

SERIAL/RS485
ADAPTER
DV12151
1761-NET-A1C



TERM
A
B
CDM
SHLD
GND



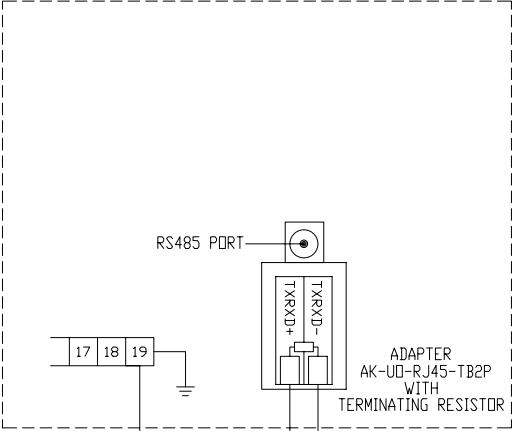
USE BELDEN PART #3106A OR EQUIVALENT RS485 NETWORK CABLE

CBL12XX

SHLD

POWERFLEX
40P DRIVE

22D-D2P3N104



RS485 PORT

17 18 19

ADAPTER
AK-U0-RJ45-TB2P
WITH
TERMINATING RESISTOR

XXXX XXXXXXXX XX XXX XXXXXXXXXX
XX XXXXXXXXXX XXXXXXXXXX
XX XXX XXXXXXXXXX XXXXXXXXXX
XXXXXX XX XXXXXXXXXX XXX XXX
XXXXXX XXXXXXXX XX XXXXXXXXXX

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
POSITION CONTROL VIA HMI
COMMUNICATION DIAGRAM

DWG XX DATE 12-19-08

DWG NO
EXAMPLE

DWG REV
XX

SHEET 12 OF XX

CRD

SHEET 13 OF XX 

8

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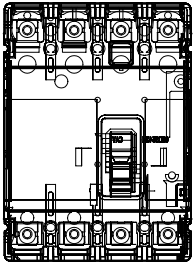
C

B

A

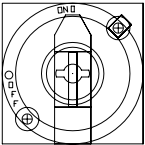
51

"F" FRAME CIRCUIT BREAKER



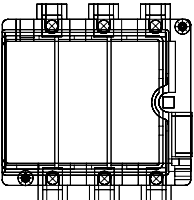
50

ROTARY VARIABLE DEPTH MECHANISM



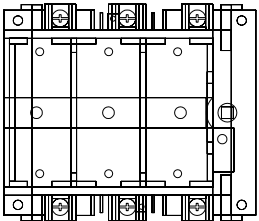
52

30A FUSED DISCONNECT



53

60A FUSED DISCONNECT



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	-	-	-
55	-	-	-
56	-	-	-
57	-	-	-
58	-	-	-

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XX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXX
XXXXXXXX XX XXXXXXXXXXXXXXXX XXX XXX
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XXXXXX

CONNECTED COMPONENTS
POSITION CONTROL VIA HMI
ADDITIONAL PARTS

DATE 11-07-08

DWG NO
EXAMPLE

DWG REV
XX

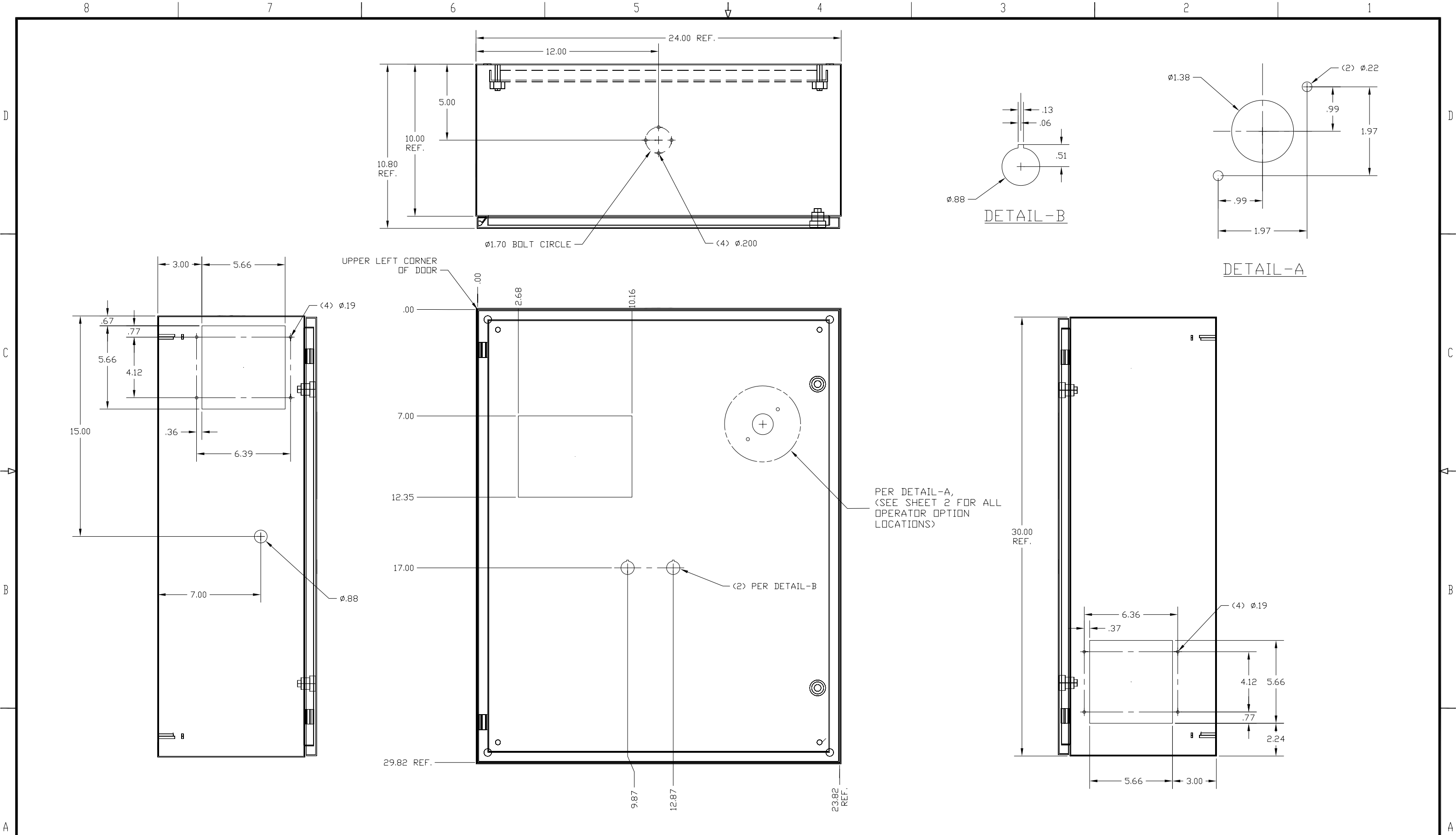
15

XX

CAD PART CCBB_HMI_460_14_ADDITIONAL_PARTS.DWG

LAYERING
SELECT:

ECHO:



DOOR MODIFICATION

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

CAD PART CCBB_HMI_460_15_ENCLOSURE_DOOR_LAYOUT.DWG

LAYERING SELECT:

ECHO:

XXXX XXXXXXXX XX XXX XXXXXXXXXX
XX XXXXXXXXXXXX XXXXXXXXXXXX
XXXXXX XX XXXXXXXXXXXXXXXX XXX XXX
XXXXXXXX XXXXXXXX XX XXXXXXXXXXXX

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
POSITION CONTROL VIA HMI
ENCLOSURE DOOR LAYOUT

DWG XX DATE 10-17-08

DWG NO
EXAMPLE

DWG REV
XX

SHEET 15 OF XX

CAD