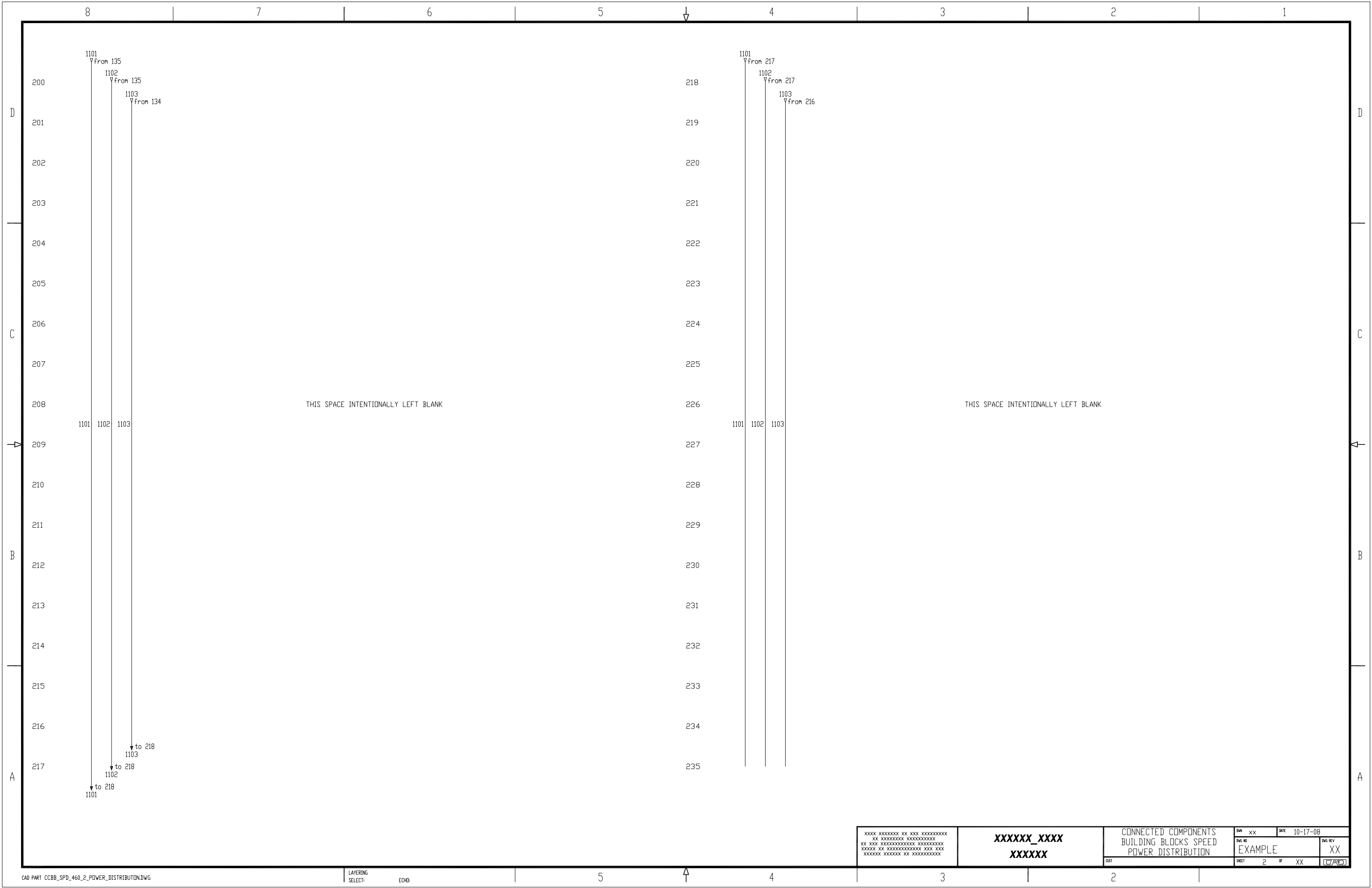
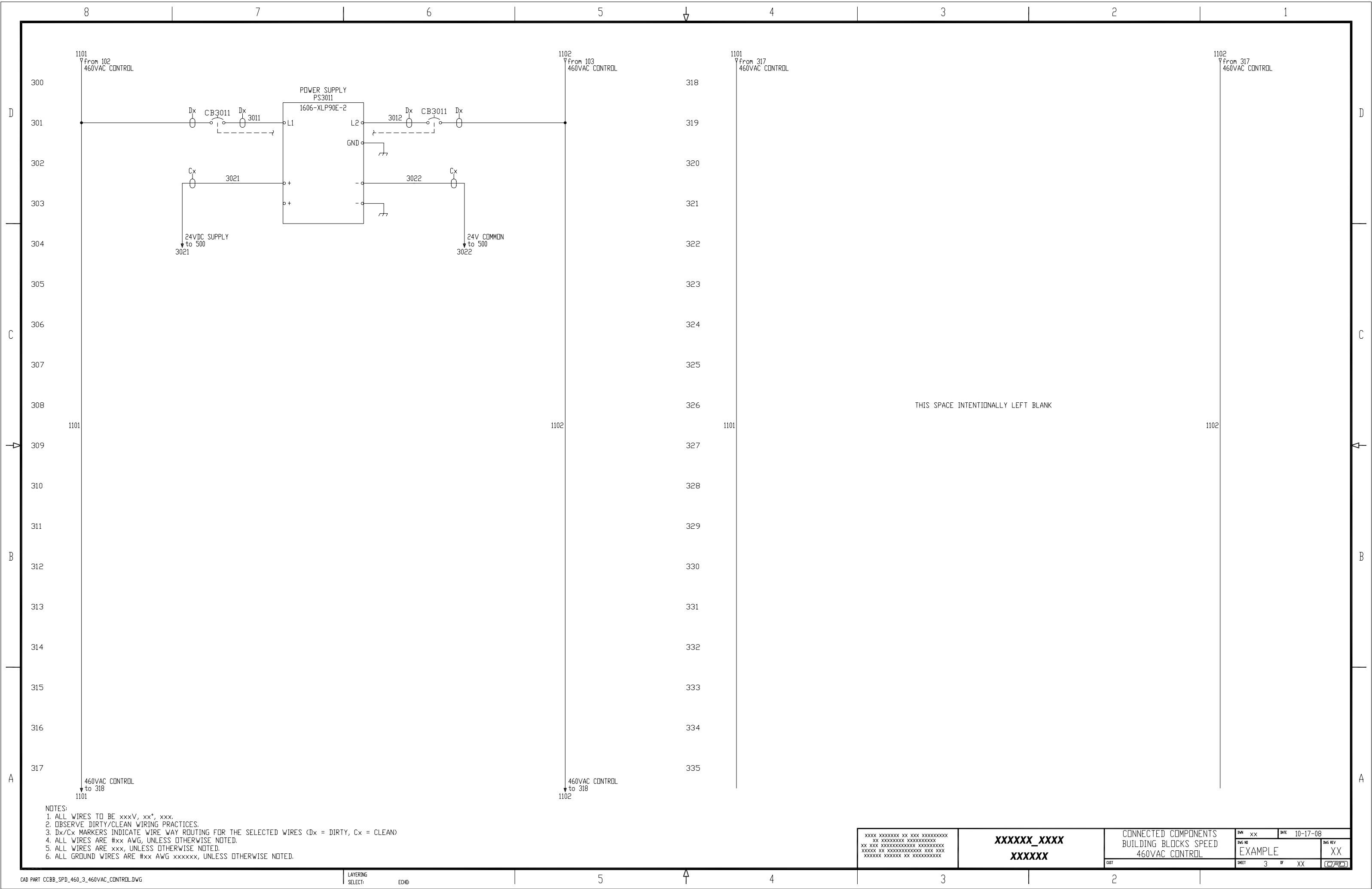


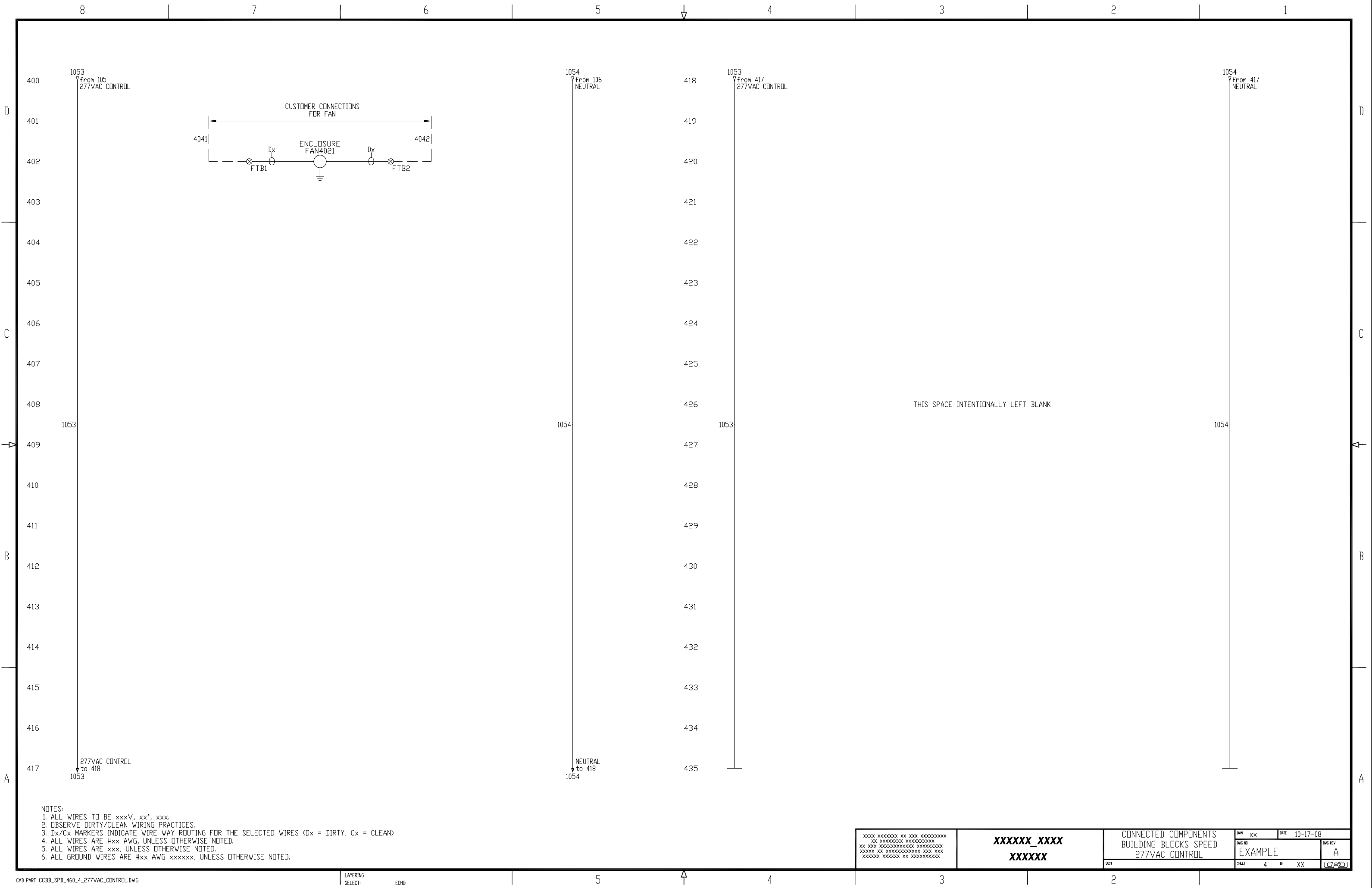
NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

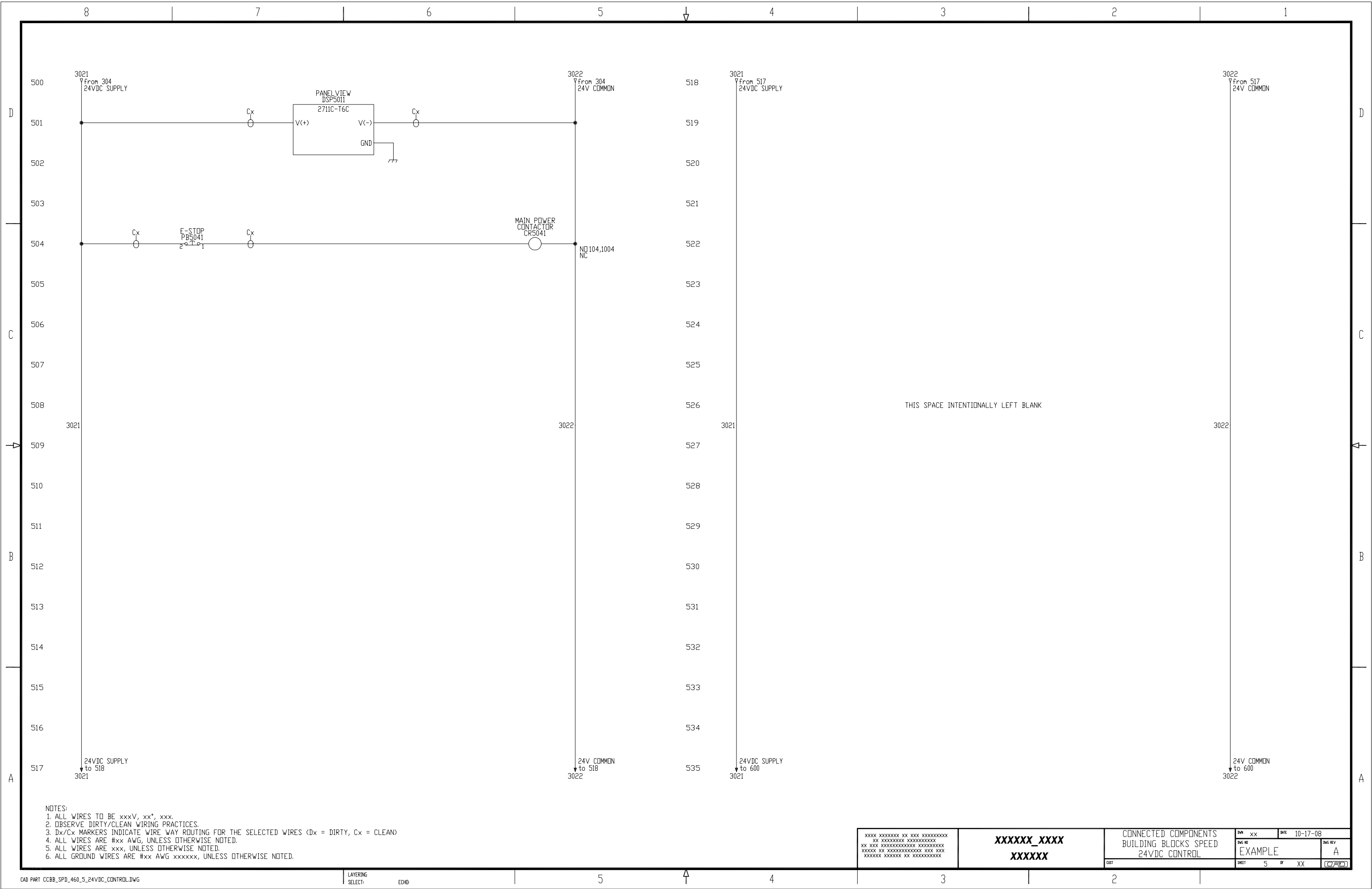
XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXX XX XXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS BUILDING BLOCKS DRIVE POWER DISTRIBUTION		DWG XX	DATE 10-17-08
		EXAMPLE		DWG REV	A
		DIST	SHEET 1	OF XX	CAD

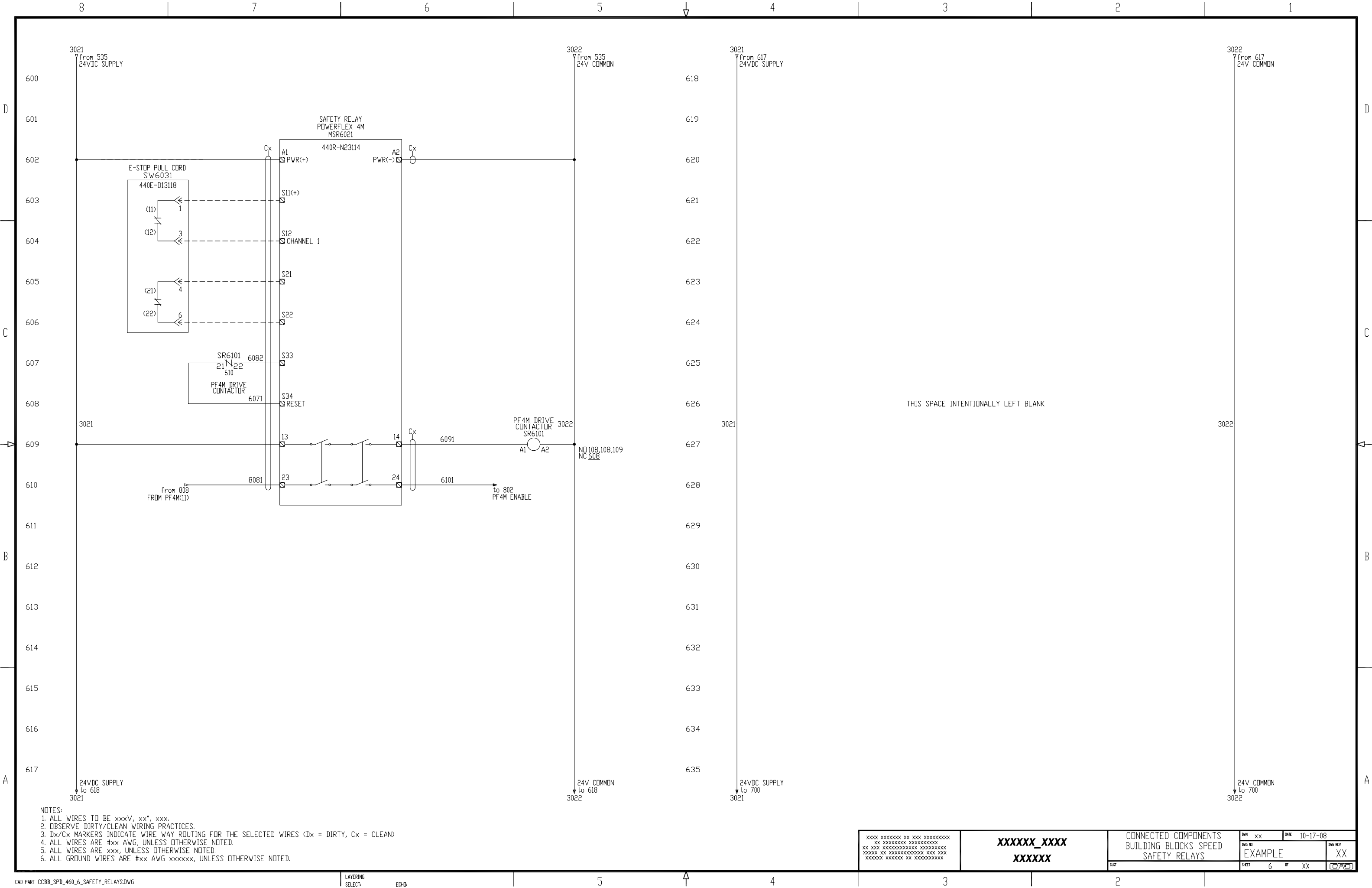


XXXX XXXXXX XX XXX XXXXXXXXX XX XXXXXXXXXXXXXXXXXXXXXXXX XX XXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XX XXXXXXXXXXXXXXX XXX XXX XXXXXX XXXXXX XX XXXXXXXXXXXX	XXXXXX_XXXX XXXXXX		CONNECTED COMPONENTS BUILDING BLOCKS SPEED POWER DISTRIBUTION	DWG XX	DATE 10-17-08
	DWT		DWG REV	EXAMPLE	XX
SHEET 2 OF XX		DWG REV		C/A/D	

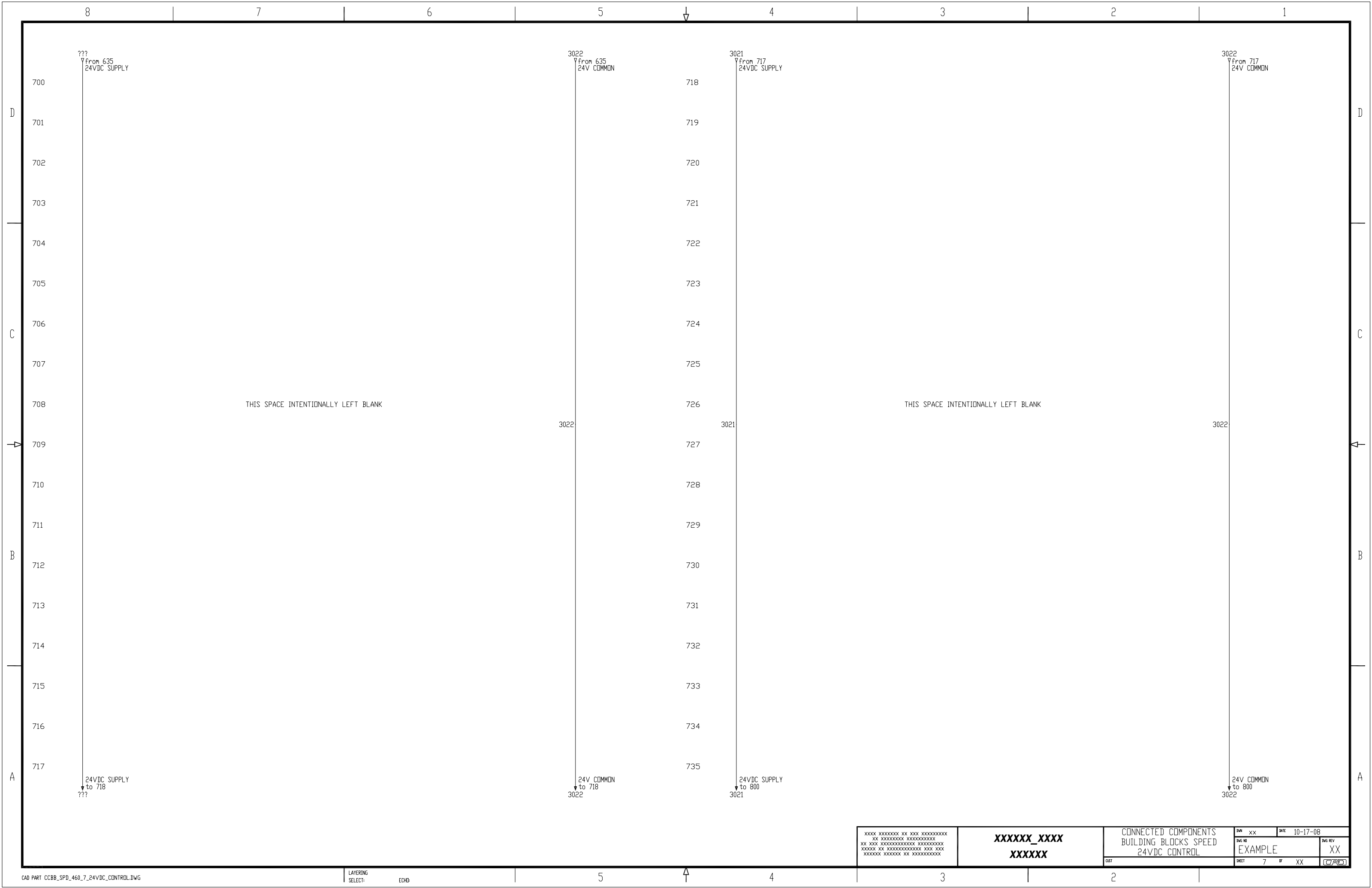








XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXX XX XXXXXXXXXXXX XXX XXX XXXXXX XXXXXXXX XX XXXXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS BUILDING BLOCKS SPEED SAFETY RELAYS		DWG XX	DATE 10-17-08
				DWG NO EXAMPLE	DWG REV XX
		CUST	SHEET 6 OF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



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
BUILDING BLOCKS SPEED
24VDC CONTROL

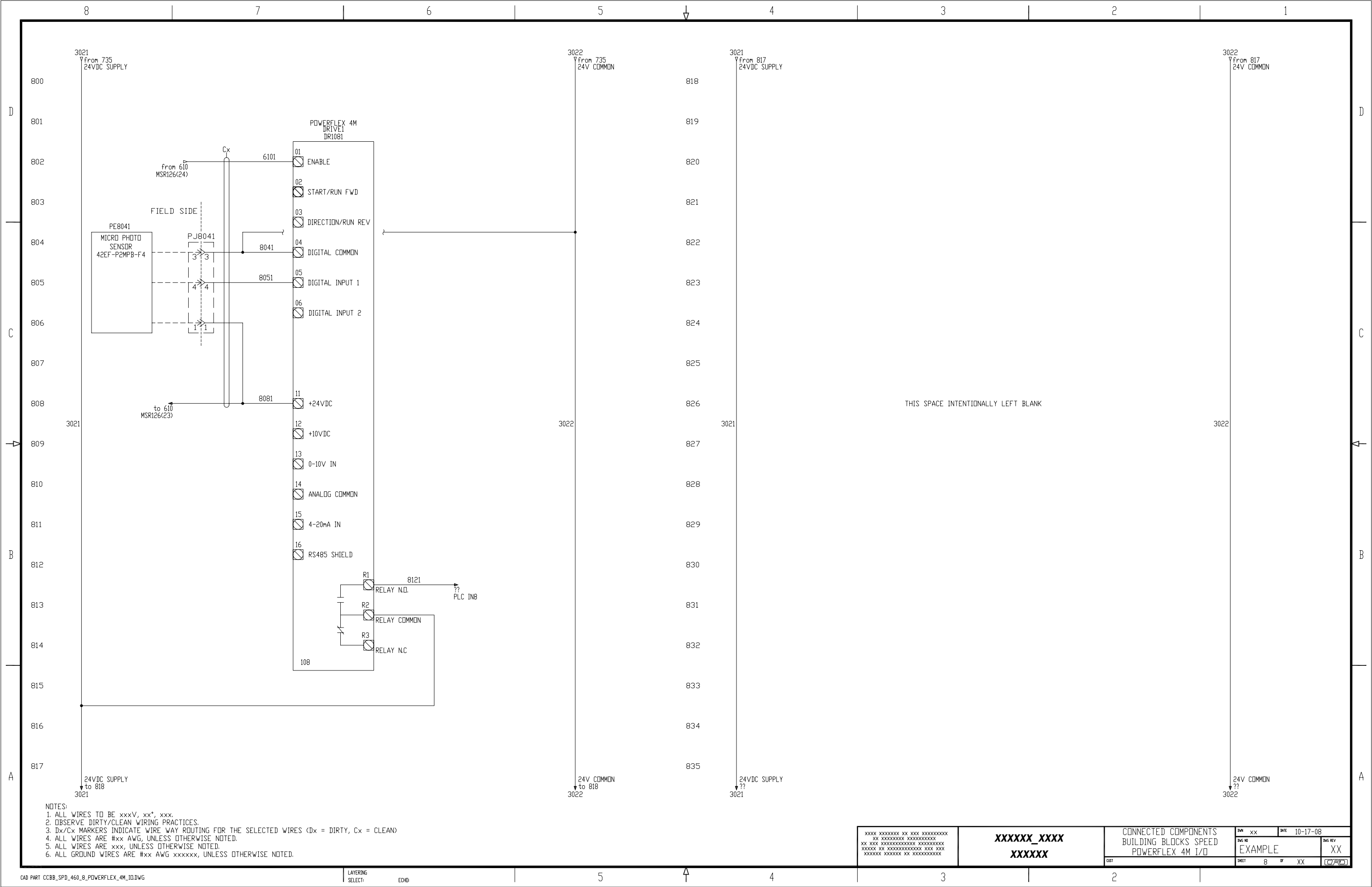
DWG XX DATE 10-17-08

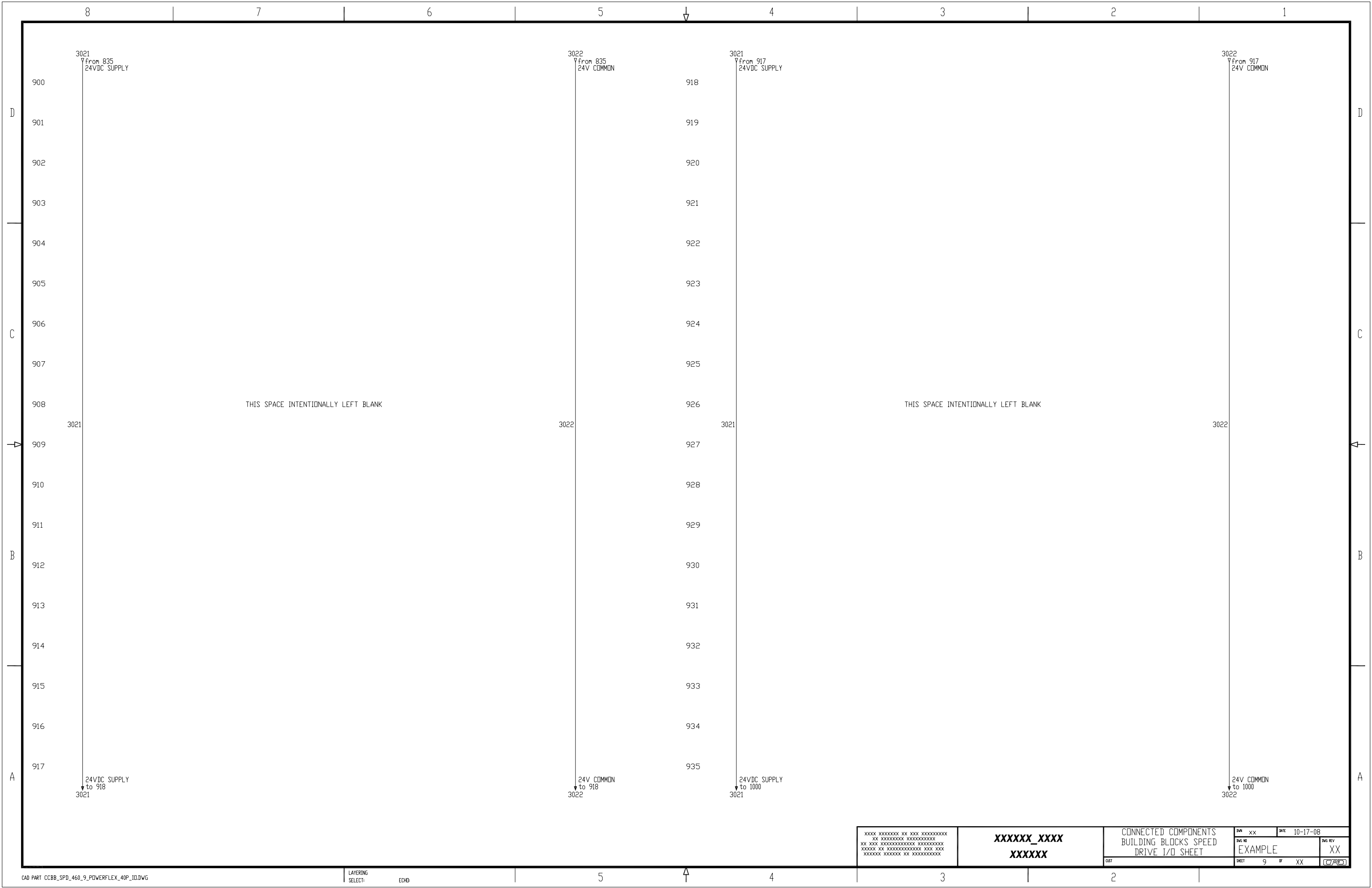
DWG NO
EXAMPLE

DWG REV
XX

SHEET 7 OF XX

CPD





xxxx xxxxxxxx xx xxx xxxxxxxxxx
xx xxxxxxxxxx xxxxxxxxxx
xx xxx xxxxxxxxxxxxxxxx xxxxxxxxxx
xxxxxx xx xxxxxxxxxxxxxxxx xxx xxx
xxxxxx xxxxxxx xx xxxxxxxxxx

xxxxxx_xxxx
xxxxxx

CONNECTED COMPONENTS
BUILDING BLOCKS SPEED
DRIVE I/O SHEET

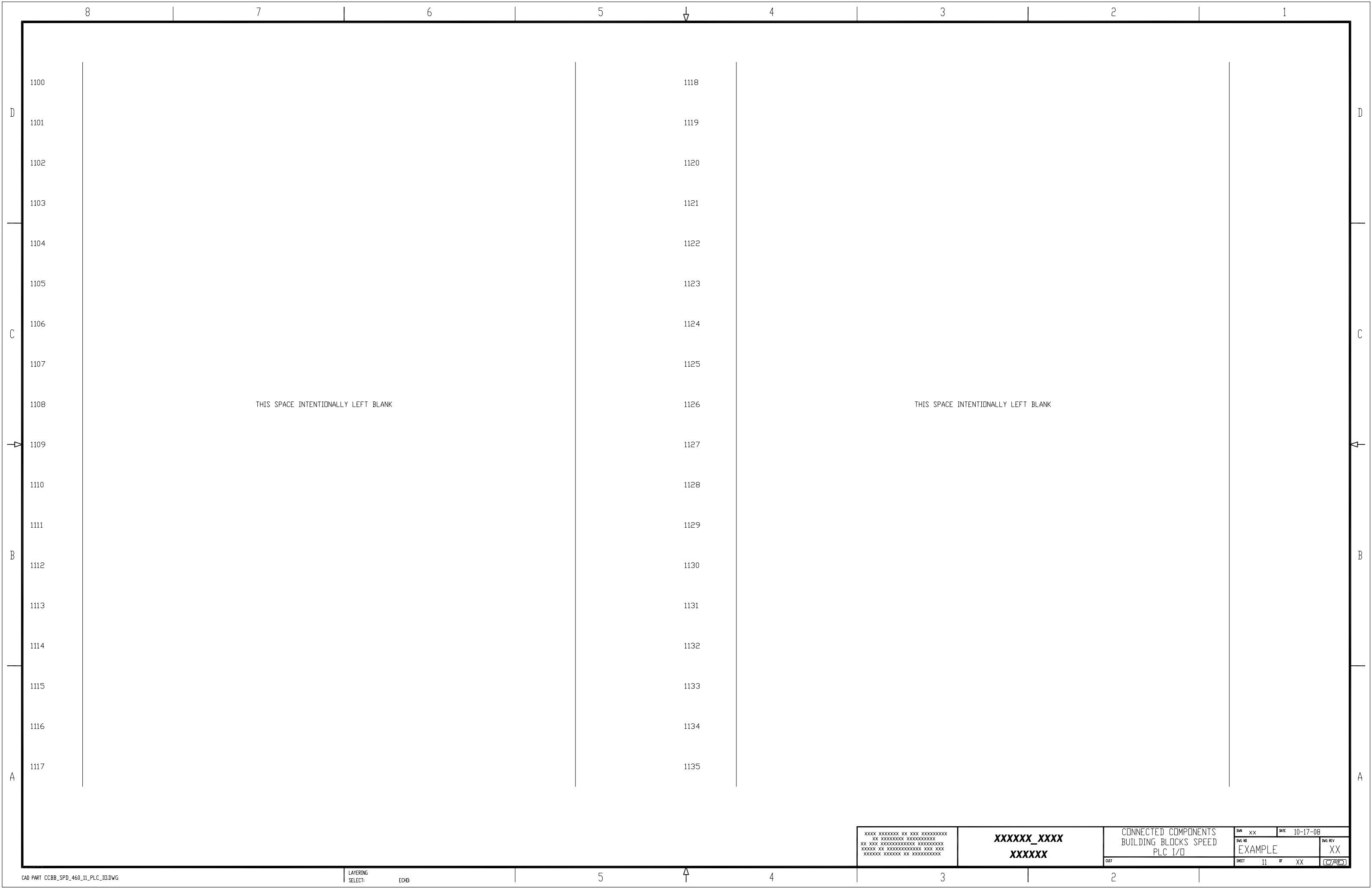
DWG XX DATE 10-17-08

DWG NO
EXAMPLE

DWG REV
XX

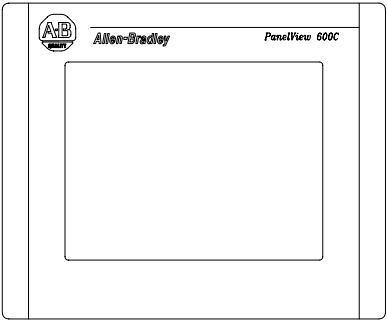
SHEET 9 OF XX

CPD



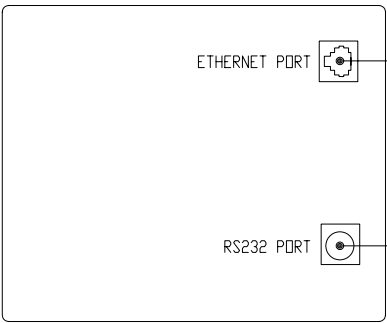
CAD PART CCBB_SPD_460_11_PLC_ID.DWG		LAYERING SELECT:	ECHO:			XXXX XXXXX_XXXX XXXXXX		CONNECTED COMPONENTS BUILDING BLOCKS SPEED PLC I/O		DWG NO EXAMPLE	DATE 10-17-08
										DWG REV XX	
										SHEET 11	OF XX

HMI PANELVIEW 600C
2711C-T6C



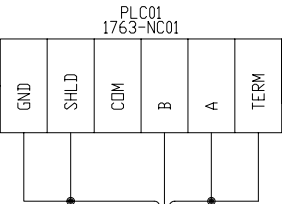
2711P-CBL-EX04

MICROLOGIX 1100
1763-L16BBB
PLC01

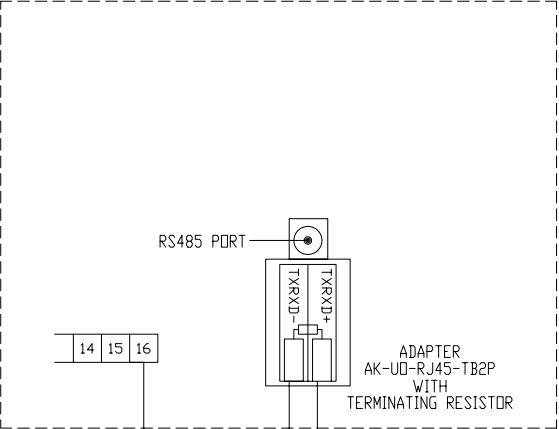


ETHERNET PORT

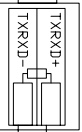
RS232 PORT



POWERFLEX
4M DRIVE
22F-D2P5N103



RS485 PORT



ADAPTER
AK-UD-RJ45-TB2P
WITH
TERMINATING RESISTOR

USE BELDEN PART #3105A OR EQUIVALENT RS485 NETWORK CABLE

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
BUILDING BLOCKS SPEED
COMMUNICATION DIAGRAM

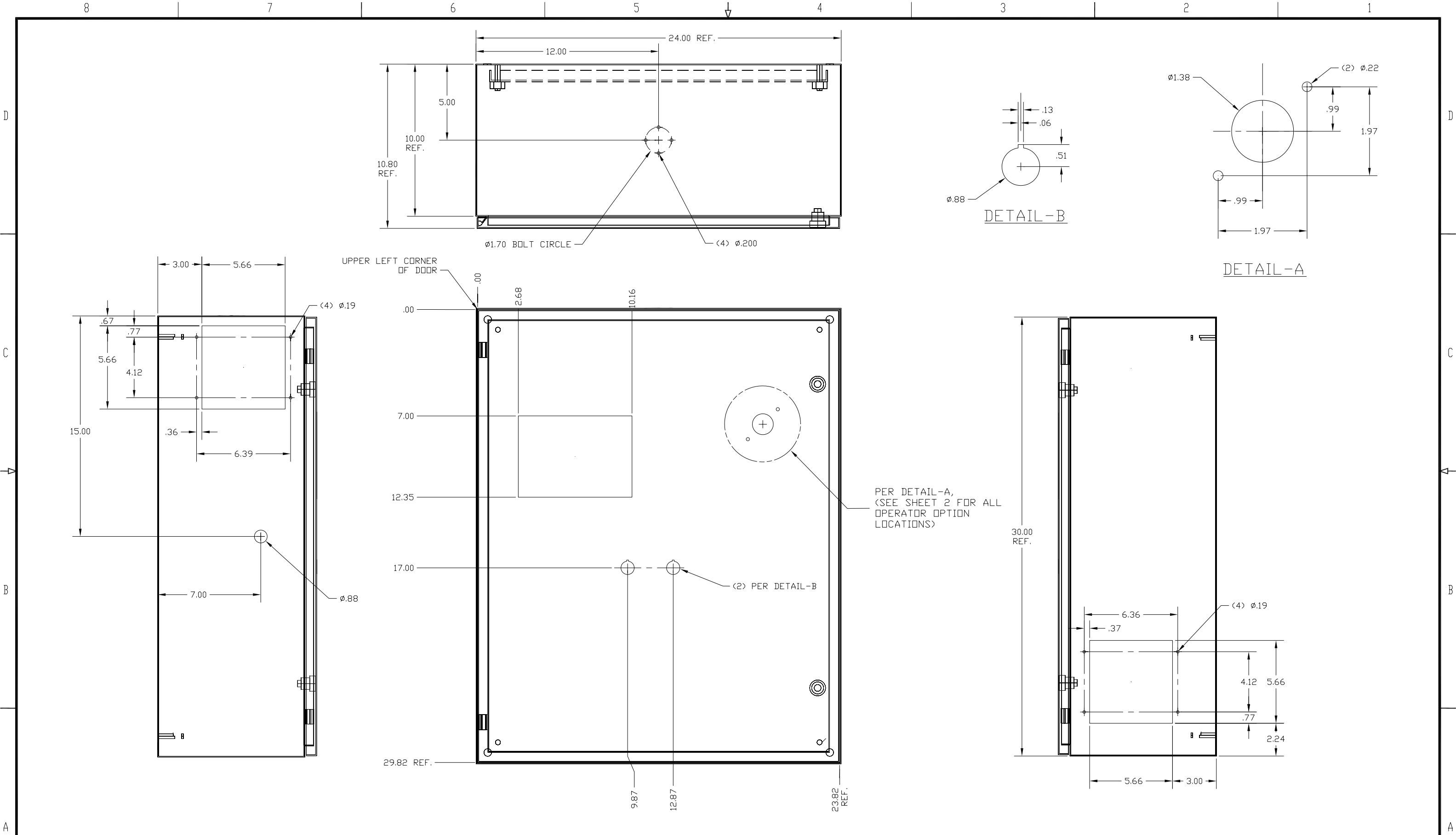
DWG XX DATE 10-17-08

DWG NO
EXAMPLE

DWG REV
XX

SHEET 12 OF XX

CAD



DOOR MODIFICATION

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

CAD PART CCBB_SPD_460_14_ENCLOSURE_DOOR_LAYOUT.DWG

LAYERING
SELECT:

ECHO:

XXXX XXXXXXXX XX XXX XXXXXXXX
XX XXXXXXXXXXXX XXXXXXXXXXXX
XXXXXX XX XXXXXXXXXXXX XXX XXX
XXXXXXXX XXXXXX XX XXXXXXXXXXXX

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
BUILDING BLOCKS SPEED
DOOR LAYOUT

DWG XX DATE 10-17-08

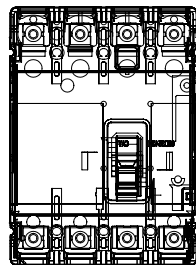
DWG NO
EXAMPLE

DWG REV
XX

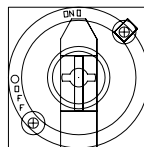
SHEET 14 OF XX

CAD

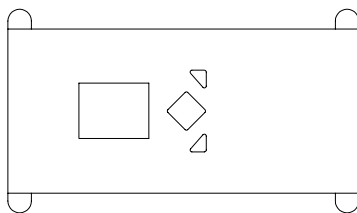
ADDITIONAL PARTS LIST



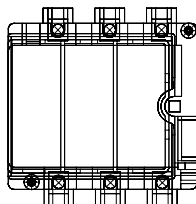
⑤① 'F' FRAME CIRCUIT BREAKER



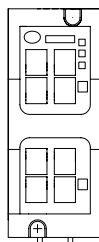
⑤0 ROTARY VARIABLE
DEPTH MECHANISM



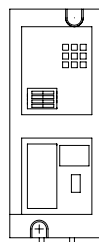
⑤4 MICROLOGIX 1400



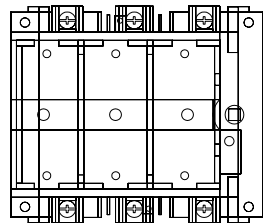
(52) 30A FUSED DISCONNECT



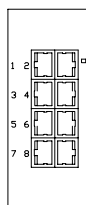
(55) ETHERNET SWITCH



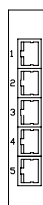
(56) REMOTE ACCESS
ETHERNET SWITCH



(53) 60A FUSED DISCONNECT



⑤⑦ ETHERNET SWITCH



⑤⑧ ETHERNET SWITCH

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

```

XXXX XXXXXXXX XX XXX XXXXXXXXXXXX
XX XXXXXXXXXXX XXXXXXXXXXXX
XX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXX
XXXXXX XX XXXXXXXXXXXXXXXX XXX XXX
XXXXXXXX XXXXXXXX XX XXXXXXXXXXXX

```

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
BUILDING BLOCKS SPEED
ADDITIONAL PARTS

DWN	xx	DATE	11-07-08
DWG NO	EXAMPLE		DWG REV
SHEET	15	OF	XX
			CAD