

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
SIMPLE COLOR SENSING
POWER DISTRIBUTION

DWG XX DATE 01-08-09

DWG ID

EXAMPLE

DWG REV

XX

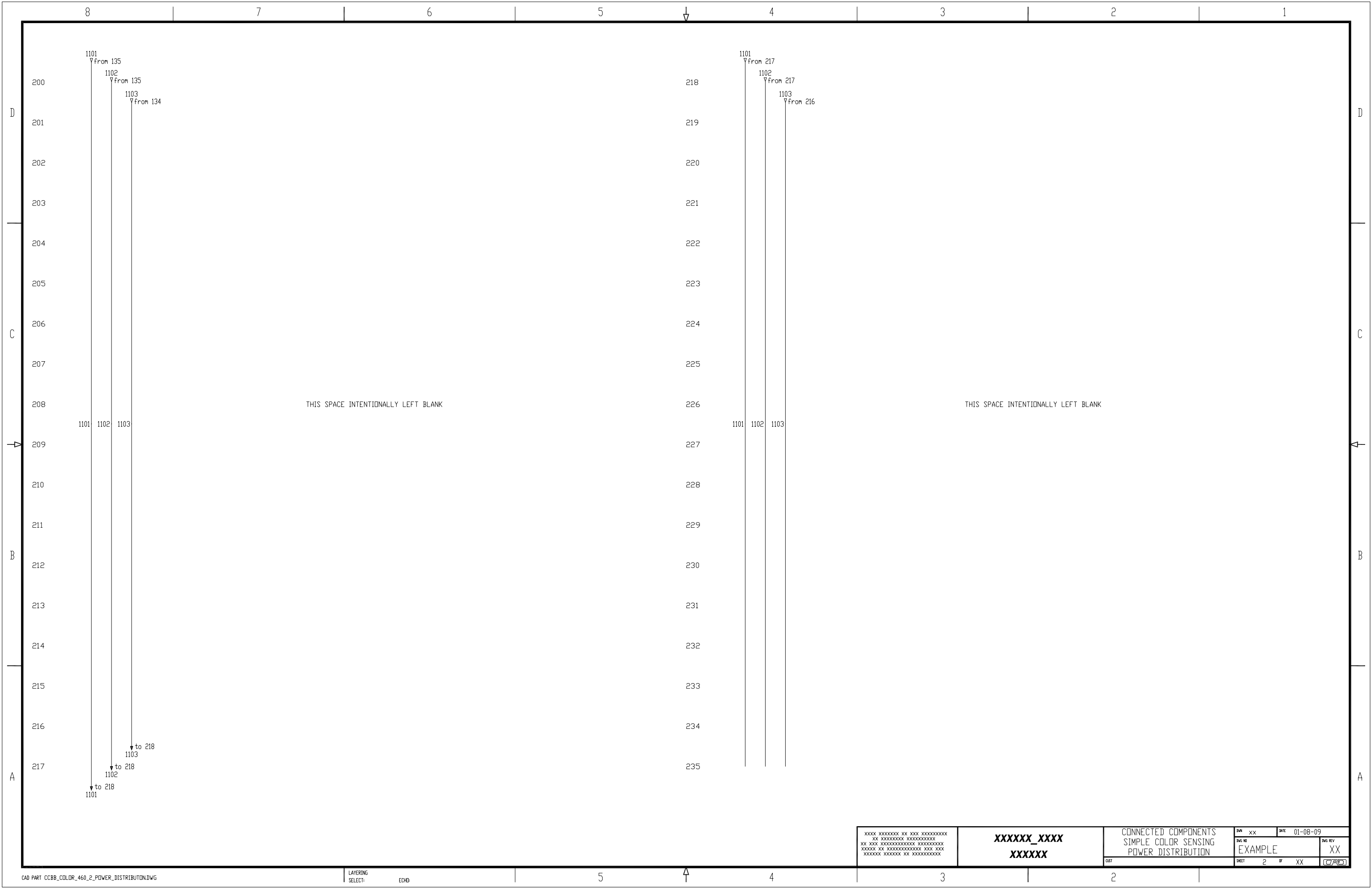
SHEET

1

OF

XX

CAD



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

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
SIMPLE COLOR SENSING
POWER DISTRIBUTION

DWG

XX

DATE

01-08-09

DWG NO

EXAMPLE

DWG REV

XX

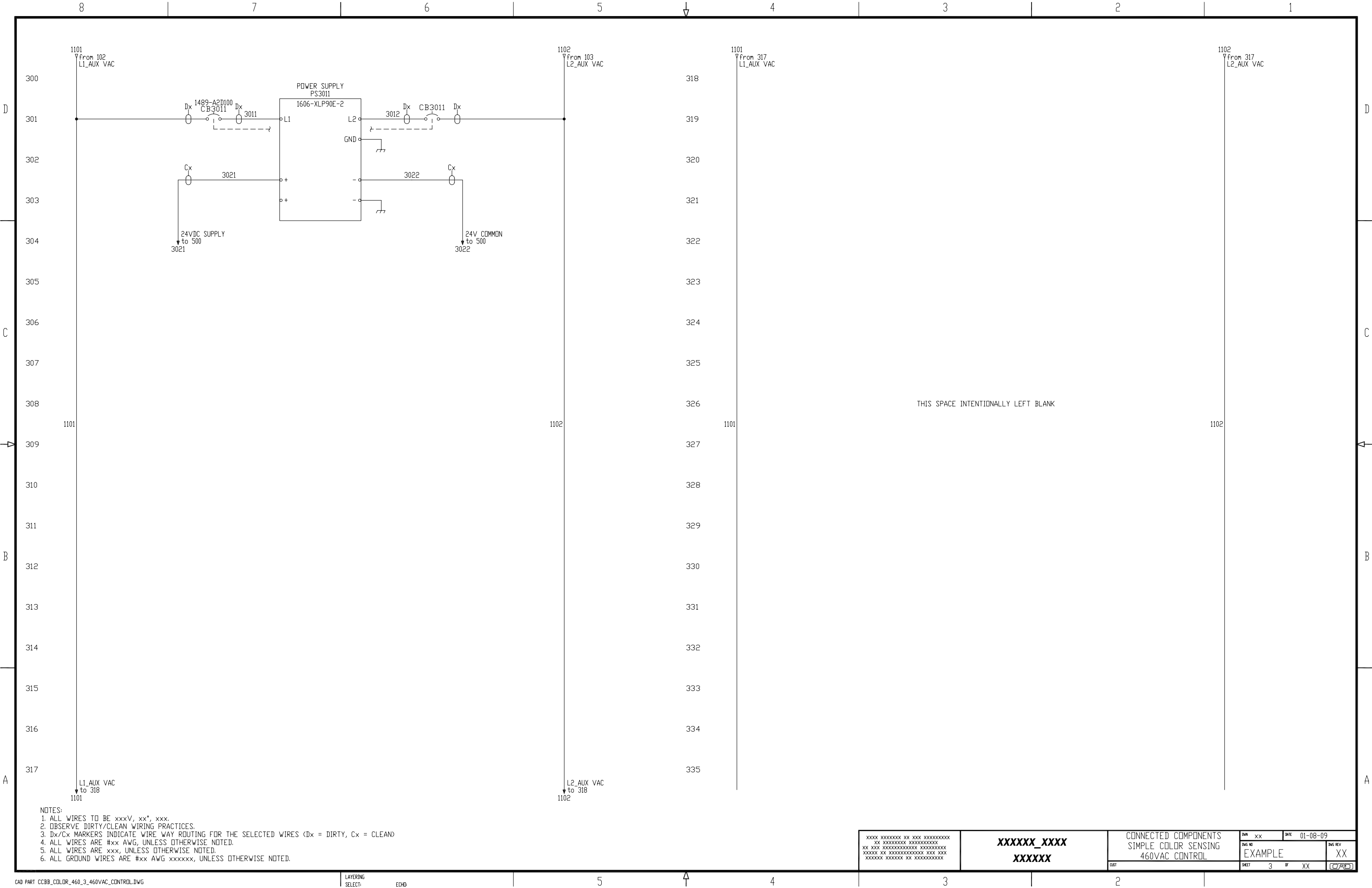
SHEET

2

OF

XX

CRD



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 XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXX XX XXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS SIMPLE COLOR SENSING 460VAC CONTROL		DWG XX	DATE 01-08-09
				DWG NO EXAMPLE	DWG REV XX
	COST			SHEET 3	OF XX



C

B

A

A

XXXXXX_XXXX
XXXXXX

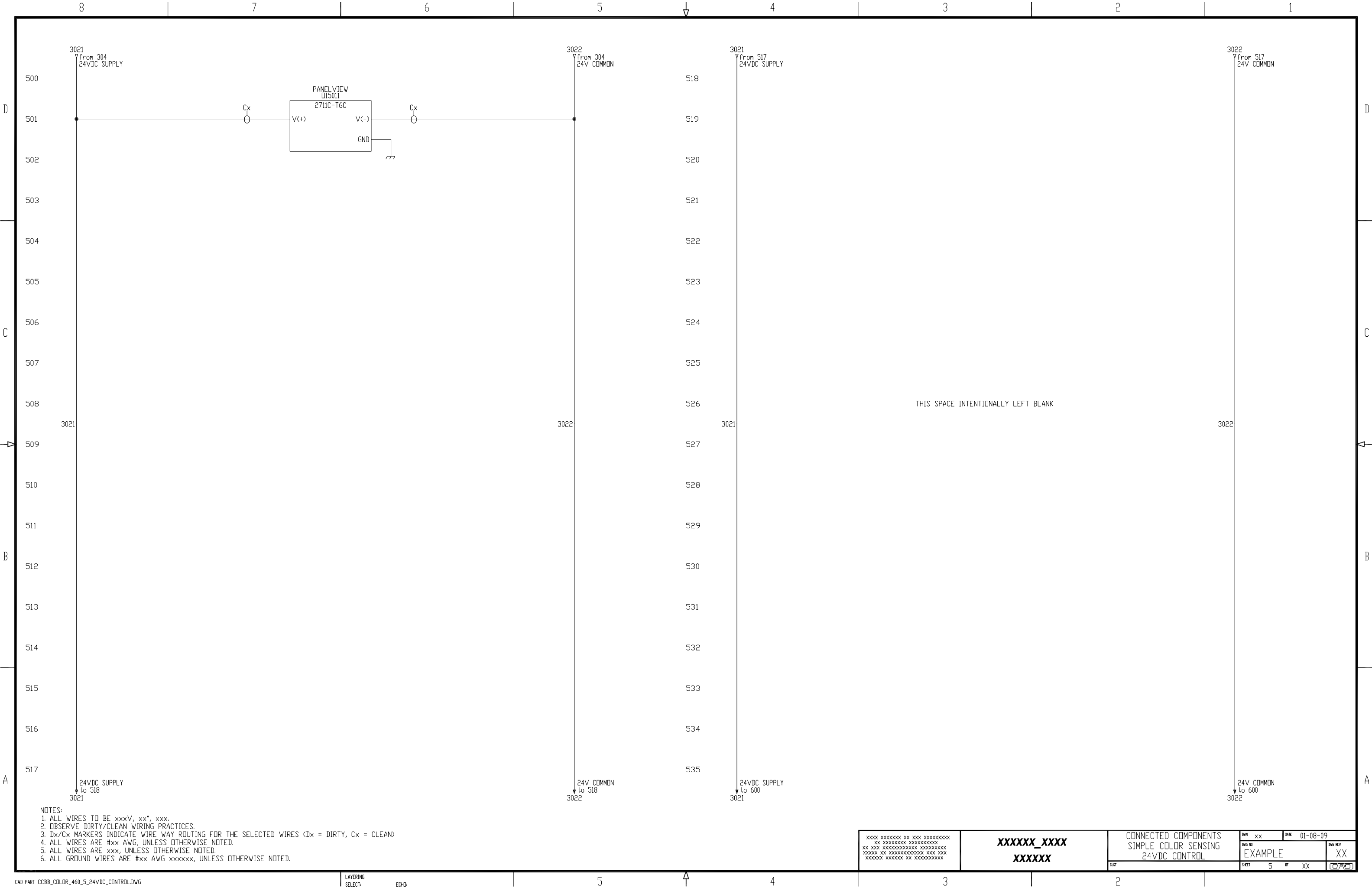
DN	XX
----	----

DATE	01-08-09
------	----------

DWG REV
XX

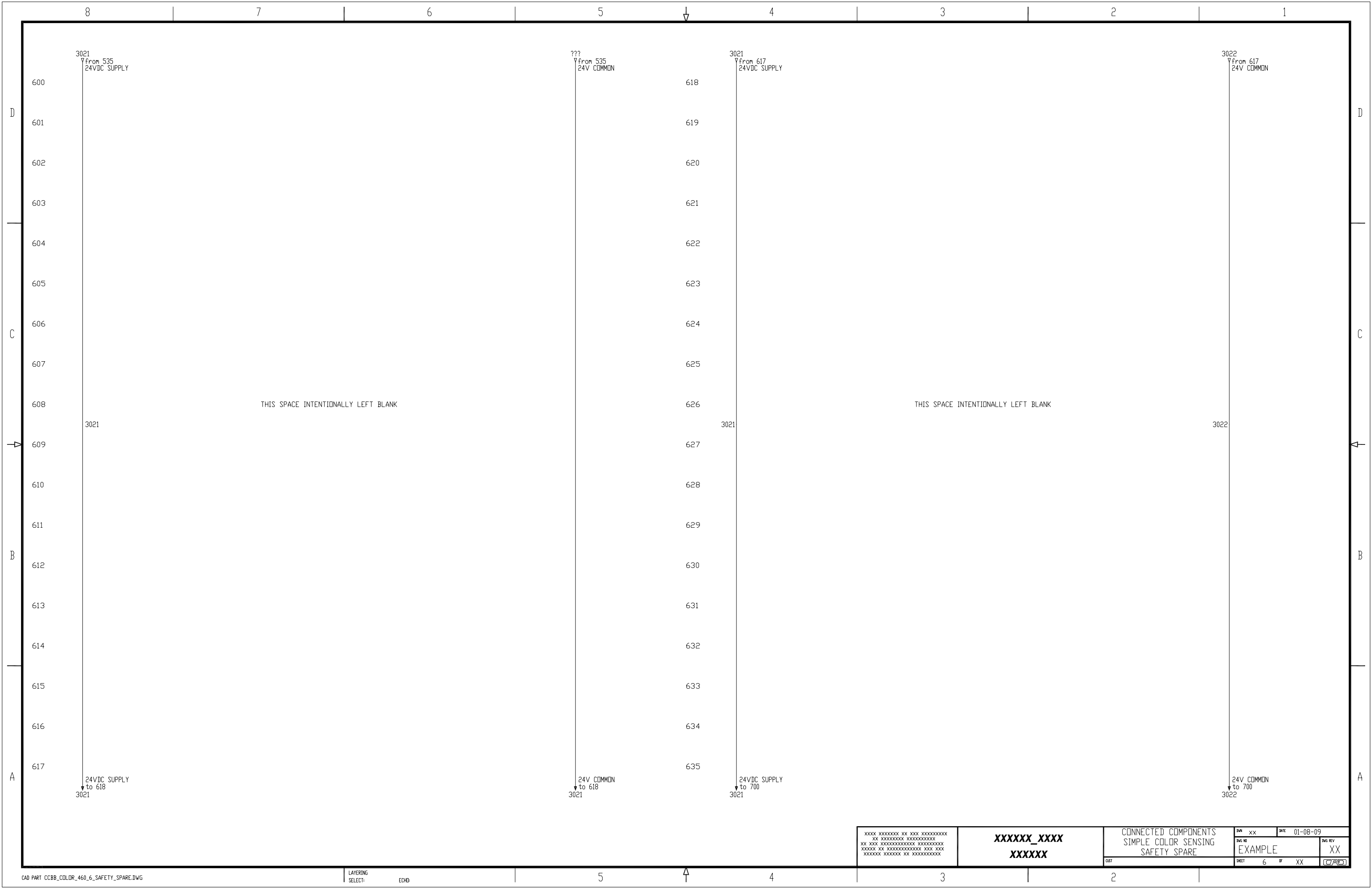
SHEET	4	OF	XX
-------	---	----	----





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 XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXX XX XXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS SIMPLE COLOR SENSING 24VDC CONTROL		DWG XX	DATE 01-08-09
				DWG NO EXAMPLE	DWG REV XX
	COST			SHEET 5	OF XX



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
SIMPLE COLOR SENSING
SAFETY SPARE

DWG XX DATE 01-08-09

DWG NO
EXAMPLE

DWG REV
XX

DIST

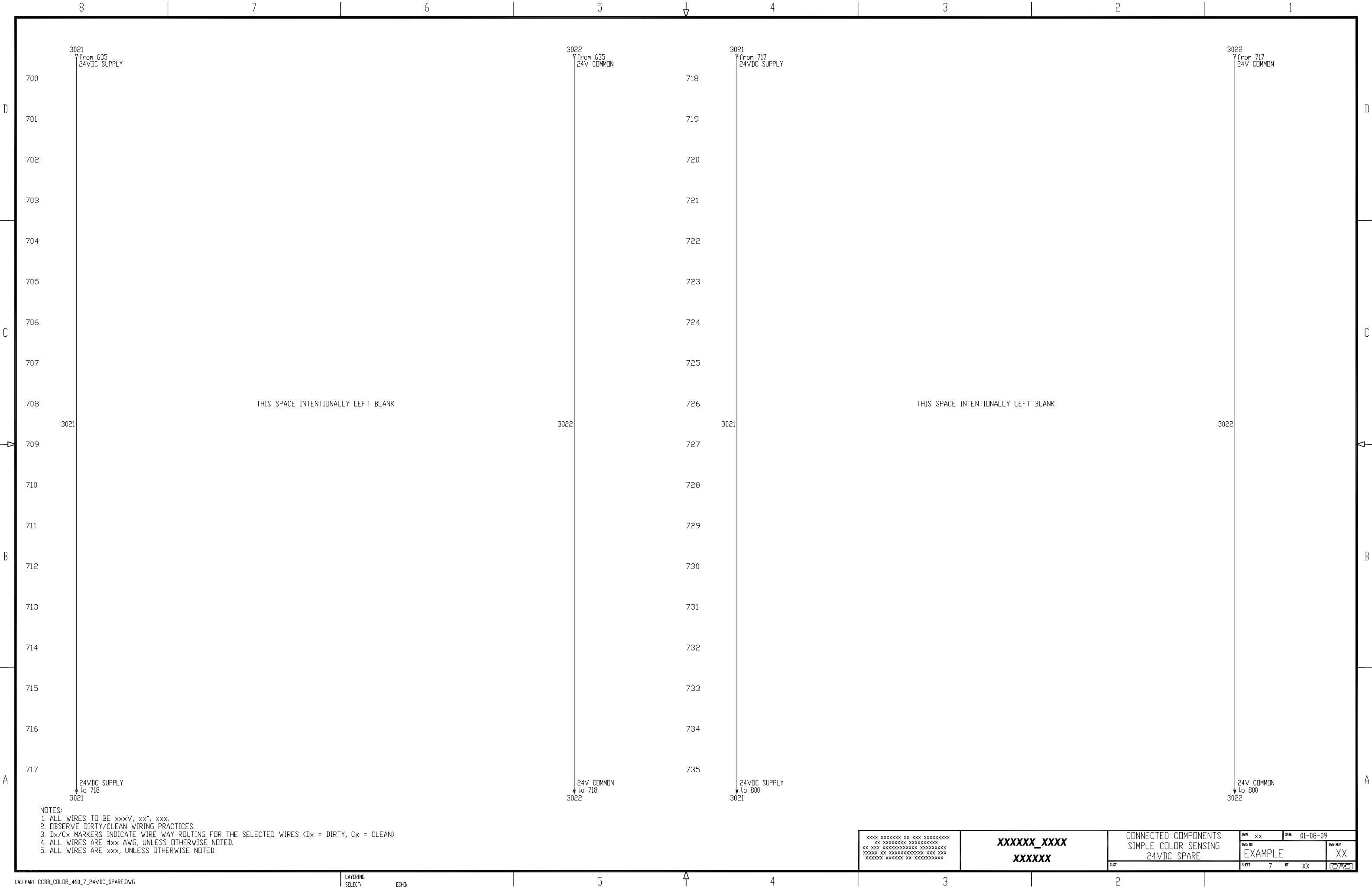
SHEET

6

OF

XX

CRD



D

C

B

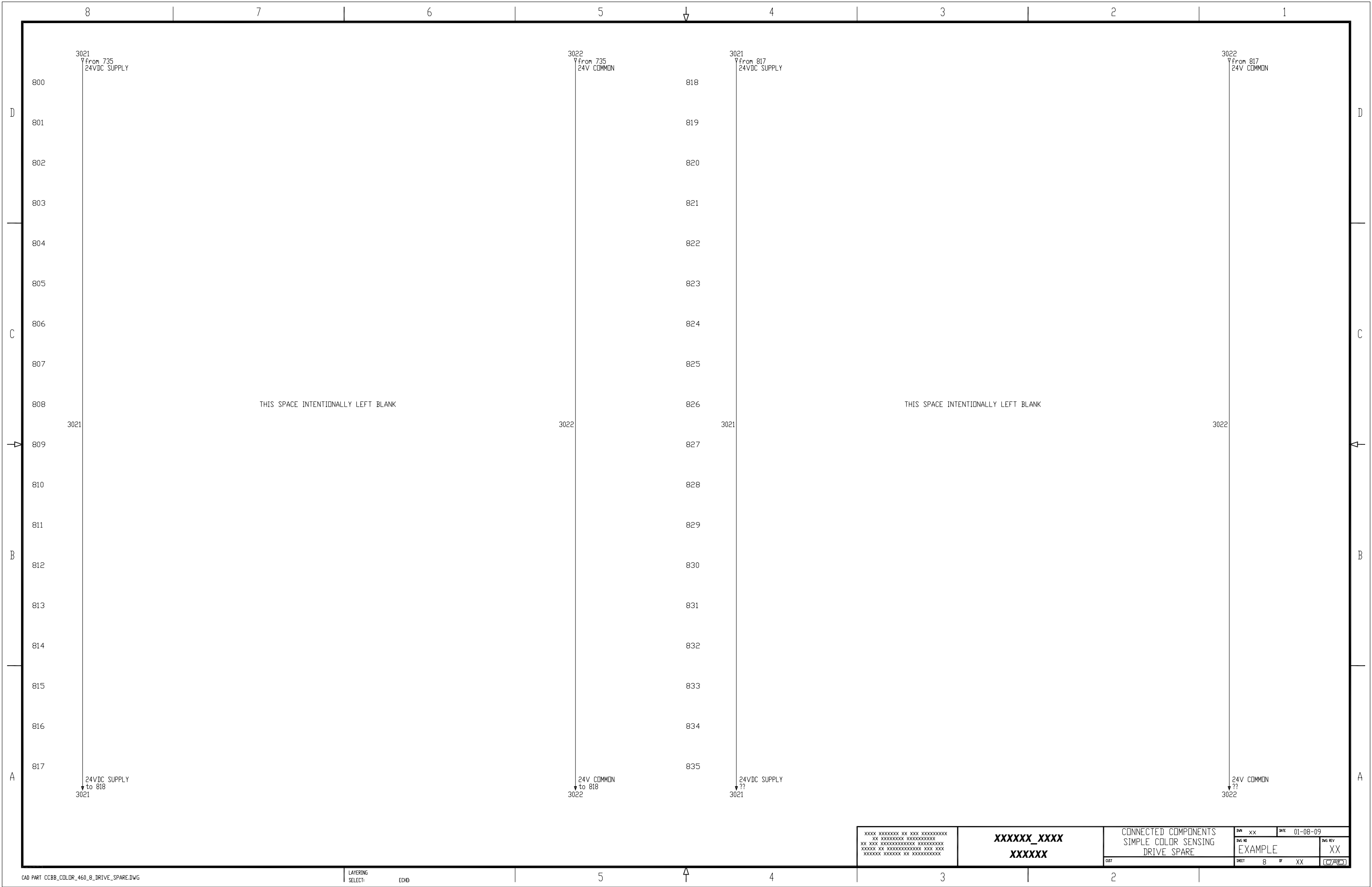
A

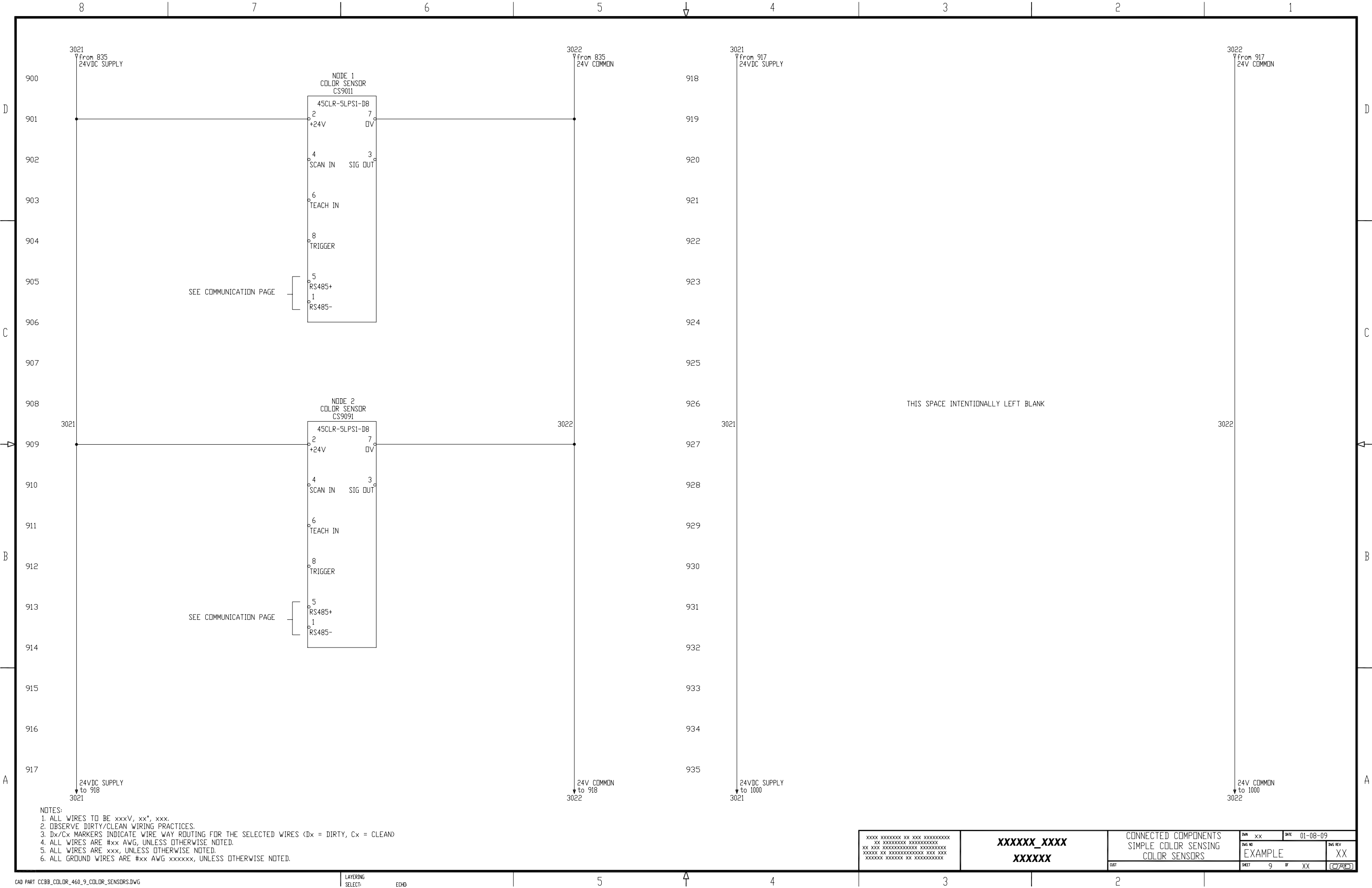
D

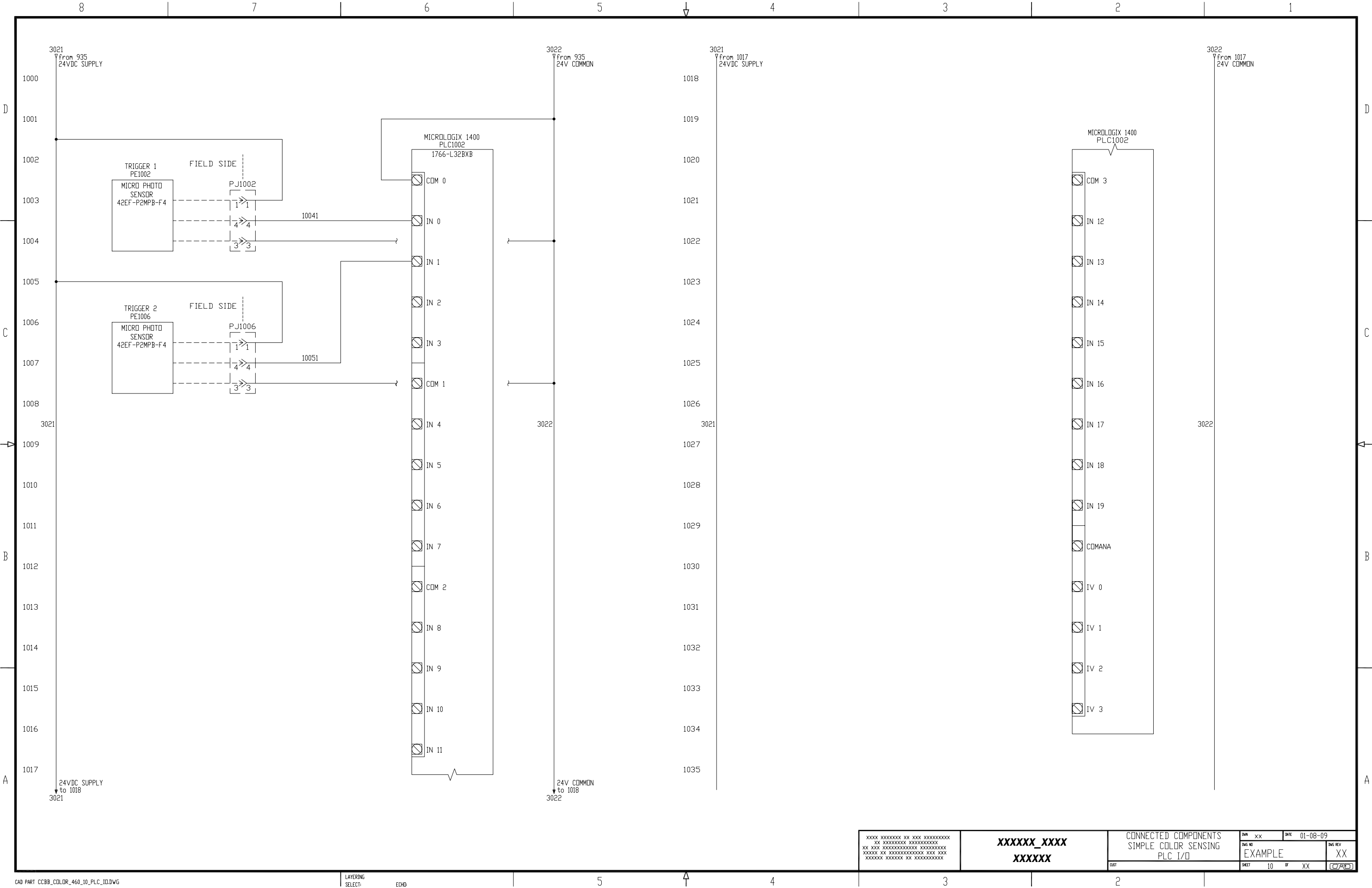
C

B

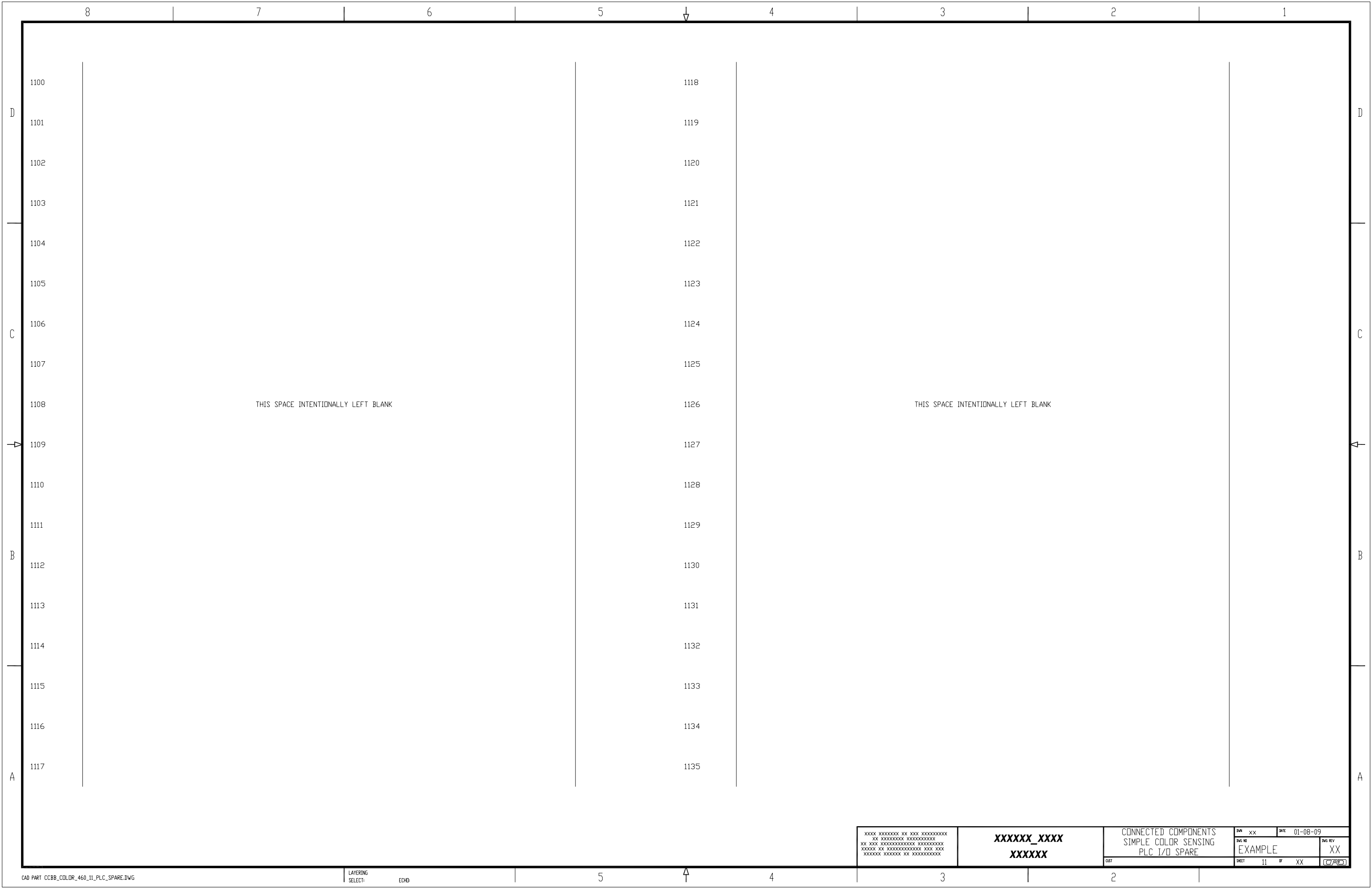
A



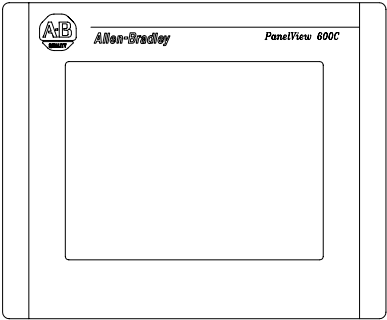




XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXX XXX XXX XXXXXX XXXXXXXX XX XXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS SIMPLE COLOR SENSING PLC I/O		DWG XX	DATE 01-08-09
		DWT		DWG NO EXAMPLE	DWG REV XX
		SHEET 10 OF XX		CWD	

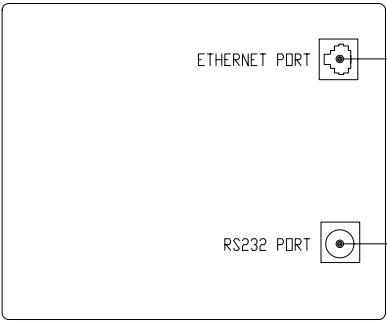


HMI PANELVIEW 600C
2711C-T6C



2711P-CBL-EX04

MICROLOGIX 1400
1766-L32BXB
PLC01



ETHERNET PORT

RS232 PORT

PLC01
1763-NC01

TERM
A
B
CDM
SHLD
GND

COLOR MONITOR
NODE 1

45CLR-5LPS1-D8
RS485-(A)
RS485-(B)

COLOR MONITOR
NODE 2

45CLR-5LPS1-D8
RS485-(A)
RS485-(B)

TERMINATING
RESISTOR
PLACE AT END
OF NETWORK

CBL12XX

SHLD

USE RS485 NETWORK CABLE OR EQUIVALENT

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
SIMPLE COLOR SENSING
COMMUNICATION DIAGRAM

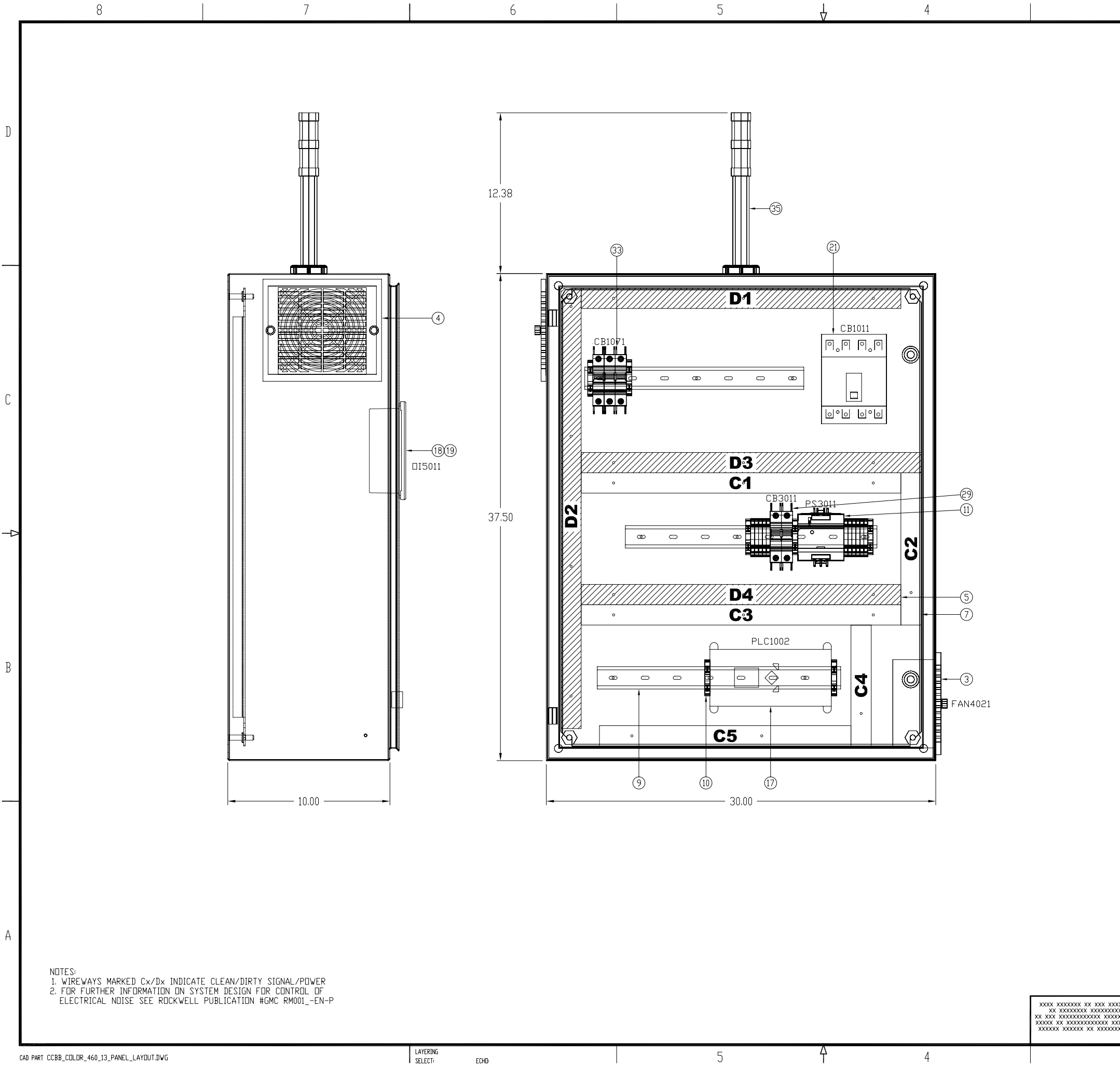
DWG XX DATE 01-08-09

DWG NO
EXAMPLE

DWG REV
XX

SHEET 12 OF XX

CAD



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	9	END ANCHOR USED W/STANDARD 35MM DIN	AB	1492-EAJ35
11	1	COMPACT POWER SUPPLY, 24VDC OUTPUT, WIDERANGE INPUT	AB	1606-XLP90E-2
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-
16	-	-	-	-
CONTROL AND VISUALIZATION EQUIPMENT				
17	1	MICROLOGIX 1400, 24VDC POWER	AB	1766-L32BxB
18	1	6" COLOR (TRANSMISSIVE CSTN) TOUCHSCREEN	AB	2711C-T6C
19	2	1585 ETHERNET CABLE, TEAL RISER PVC, 2 METER	AB	1585J-M8PBJM-2
20	1	STRATIX 2000 SWITCH, UNMANAGED, 5 COPPER PORTS	AB	1783-US05T
POWER CIRCUIT COMPONENTS				
380 VAC - 480 VAC, 4 POLE C.B. DISCONNECT OPTION				
21	1	IEC MOLDED CASE C.B., 160A, H-FRAME, RATED 32A	AB	140UE-H2E4-C32
22	1	ROTARY, VARIABLE-DEPTH OPERATING MECHANISM	AB	140U-H-RVM12R
23	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 3 POLE, 7 AMP	AB	1489-A3C070
24	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 2 POLE10 AMP	AB	1489-A2D100
380/400 VAC, 3 POLE FUSED DISCONNECT OPTION				
25	1	194R DISCONNECT, OPEN STYLE, DIN, 32A, 3 POLE	AB	194R-D32-1753
26	1	OPERATING HANDLE, WITH DEFEATER, RED/YELLOW	AB	194R-HS4E
27	1	OPERATING SHAFT, STANDARD LENGTH, 263MM (10.3 IN.)	AB	194R-R1
28	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 3 POLE, 7 AMP	AB	1489-A3C070
29	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 2 POLE, 10 AMP	AB	1489-A2D100
480 VAC, 3 POLE FUSED DISCONNECT OPTION				
30	1	194R DISCONNECT, OPEN STYLE, 30A, 3 POLE	AB	194R-C30-1753
31	1	OPERATING HANDLE, WITH DEFEATER, RED/YELLOW	AB	194R-HS4E
32	1	OPERATING SHAFT, STANDARD LENGTH, 263MM (10.3 IN.)	AB	194R-R1
33	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 3 POLE, 7 AMP	AB	1489-A3C070
34	1	UL489/CSA 22.2 NO 5.1 CIRCUIT BREAKER, 2 POLE, 10 AMP	AB	1489-A2D100
SENSORS/STACKLIGHTS				
35	1	COMPACT TOWER LIGHT, 30 MM, GRN, RED LED	AB	855D-P25SC20G24Y3Y4
36	2	PHOTOSWITCH PHOTOELECTRIC SENSOR, RIGHTSIGHT	AB	42EF-P2MPB-F4
37	2	60-2695 BRACKET, (USE W/ 60-2439, 60-2649)	AB	60-2695
38	2	PATCHCORD: DC MICRO (M12), FEMALE, STRAIGHT, 4-PIN	AB	889D-F4ACDM-2
39	2	RECEPTACLE, DC MICRO (M12), FEMALE, STRAIGHT, 4-PIN	AB	888D-F4AC1-1
40	2	PHOTOSWITCH PHOTOELECTRIC SENSOR, COLORSIGHT	AB	45CLR-5JPC1-D8
41	2	CORSET: DC MICRO (M12), FEMALE, STRAIGHT, 8-PIN	AB	889D-F8AB-2
42	2	MOUNTING BRACKET (USE W/45CLR-5JPC1-D8)	AB	45BPD-BKT1
PUSHBUTTONS				
43	1	800F 3 POSITION S.S. - PLASTIC, MAINTAINED, BLACK	AB	800FP-SM32
44	1	800F LEGEND PLATE, ENGLISH: AUTO - OFF - HAND	AB	800F-11WE104
45	2	22.5MM PB NO LATCH, SCREW CONTACT BLOCK, 1 N.O.	AB	800F-X10
46	1	PLASTIC LATCH	AB	800F-ALP
47	1	800F PUSH BUTTON - PLASTIC, FLUSH, GREEN, I	AB	800FP-F306
48	1	PLASTIC LATCH	AB	800F-ALP
49	1	22.5MM PB NO LATCH, SCREW CONTACT BLOCK, 1 N.O.	AB	800F-X10
50	1	800F PUSH BUTTON - PLASTIC, EXTENDED, RED, O	AB	800FP-E405
51	1	PLASTIC LATCH	AB	800F-ALP
52	1	22.5MM PB NO LATCH, SCREW CONTACT BLOCK, 1 N.O.	AB	800F-X10
PROGRAMMING SOFTWARE				
53	1	RSNETWORKX FOR DEVICENET	AB	9357-DNETL3
54	1	RSLOGIX MICRO STARTER (ENGLISH) CD-ROM	AB	9324-RLM0100ENE

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

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
SIMPLE COLOR SENSING
PANEL LAYOUT

DWG XX
DATE 01-08-09
Dwg REV
EXAMPLE
XX

DWG REV
13
OF XX
CADD

8

7

6

5

4

3

2

1

D

C

B

A

51

"F" FRAME CIRCUIT BREAKER

50

ROTARY VARIABLE DEPTH MECHANISM

5

MICROLOGIX 1100

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	MICROLOGIX 1100, 24VDC POWER	AB	1763-L16DWD

CAD PART CCB_B_COLOR_460_14_ADDITIONAL_PARTS.DWG

LAYERING
SELECT:

ECHO:

5

4

3

2

1

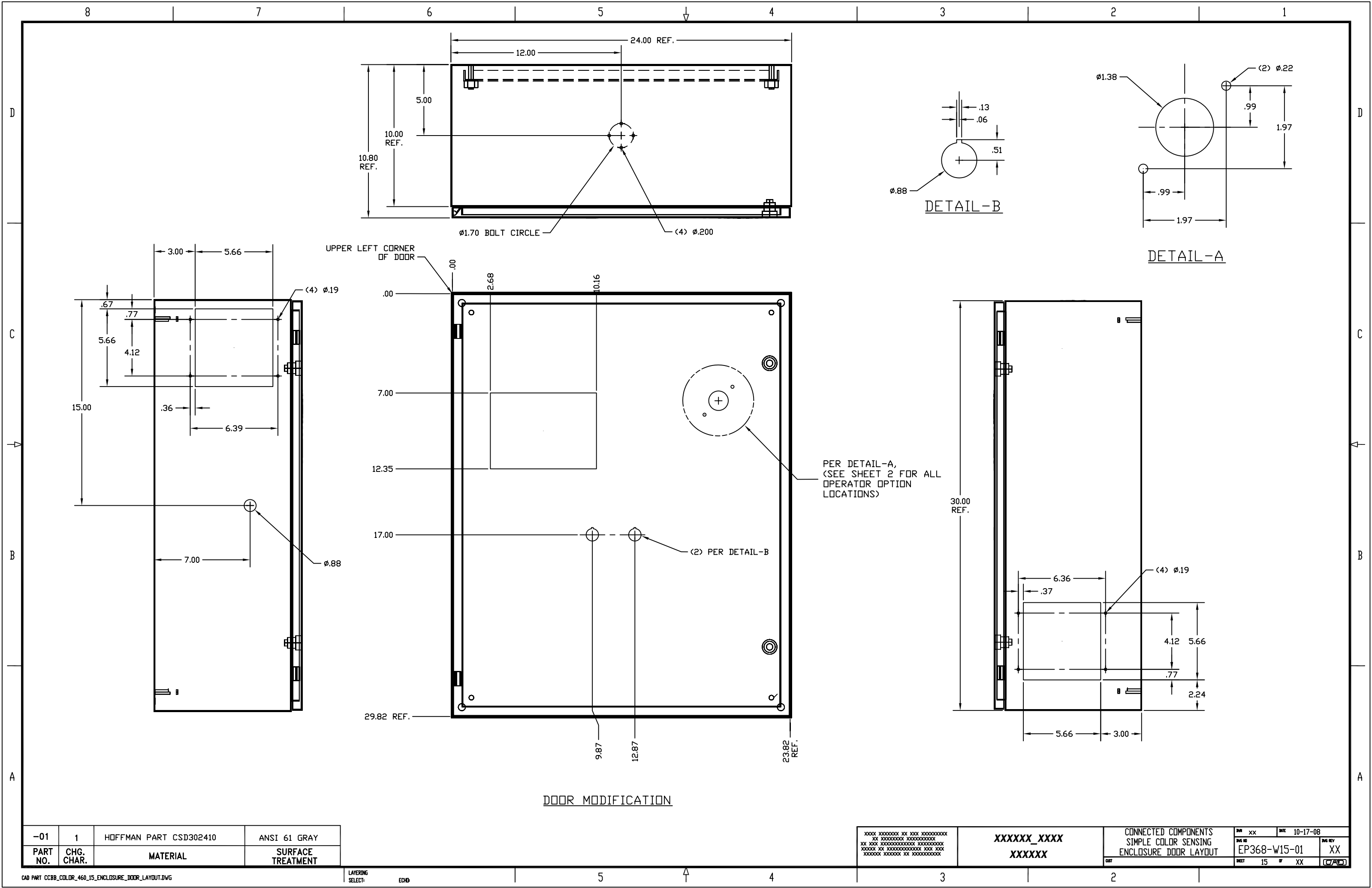
XXXX XXXXXXXX XX XXX XXXXXXXXXX
XX XXXXXXXXXX XXXXXXXXXX
XX XXX XXXXXXXXXX XXXXXXXXXX
XXXXXX XX XXXXXXXXXX XXX XXX
XXXXXX XXXXXXXX XX XXXXXXXXXX

XXXXXX_XXXX
XXXXXX

CONNECTED COMPONENTS
SIMPLE COLOR SENSING
ADDITIONAL PARTS

DWG XX
DATE 01-08-09
DWG REV
EXAMPLE XX

DWG
SHEET 14 OF XX



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

CAD PART CCBB_COLOR_460_15_ENCLOSURE_DOOR_LAYOUT.DWG

LAYERING SELECT

ECHO

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
SIMPLE COLOR SENSING
ENCLOSURE DOOR LAYOUT

DATE 10-17-08

REV EP368-W15-01

XX

SHEET 15 OF XX

CAD