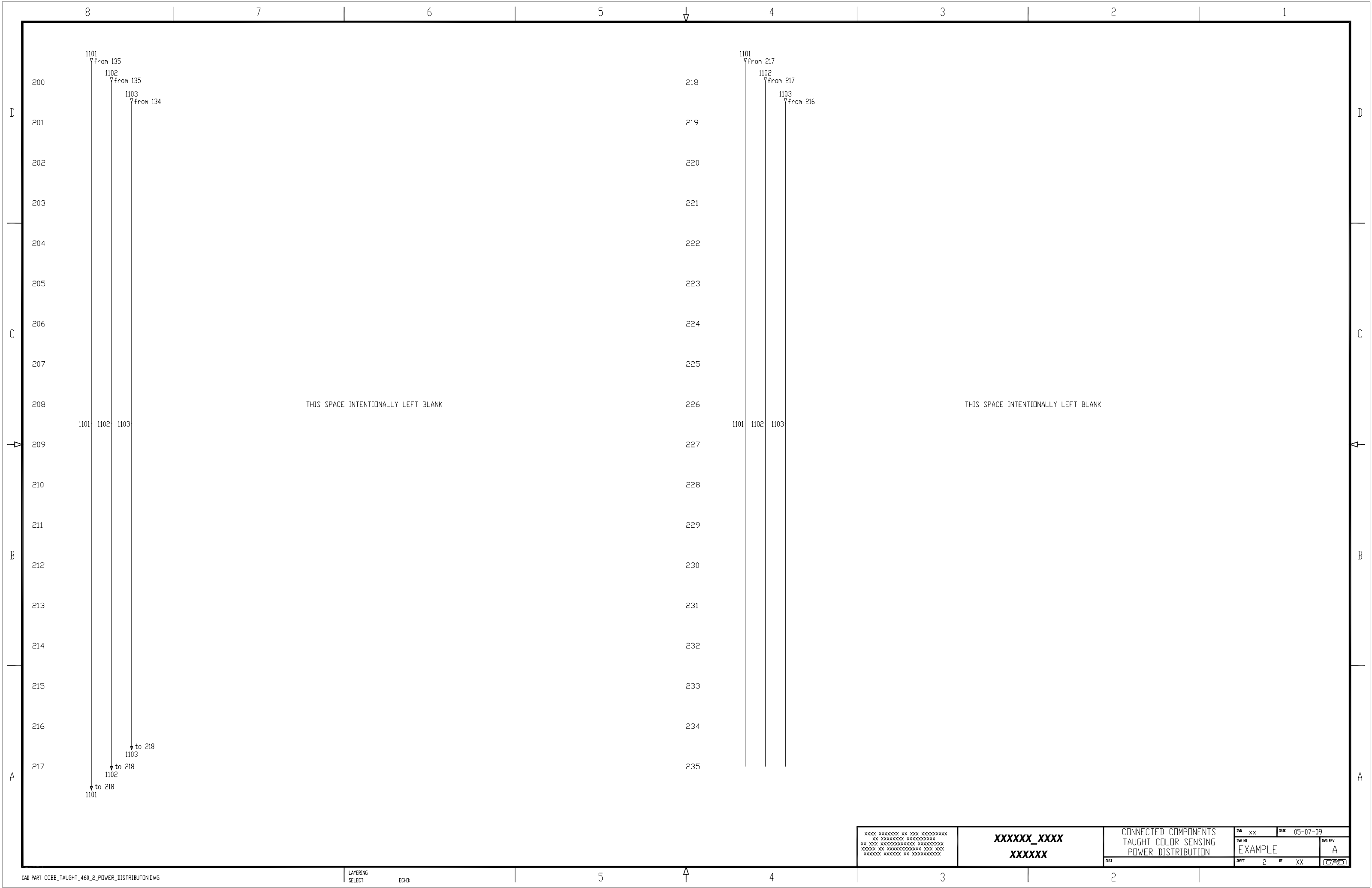
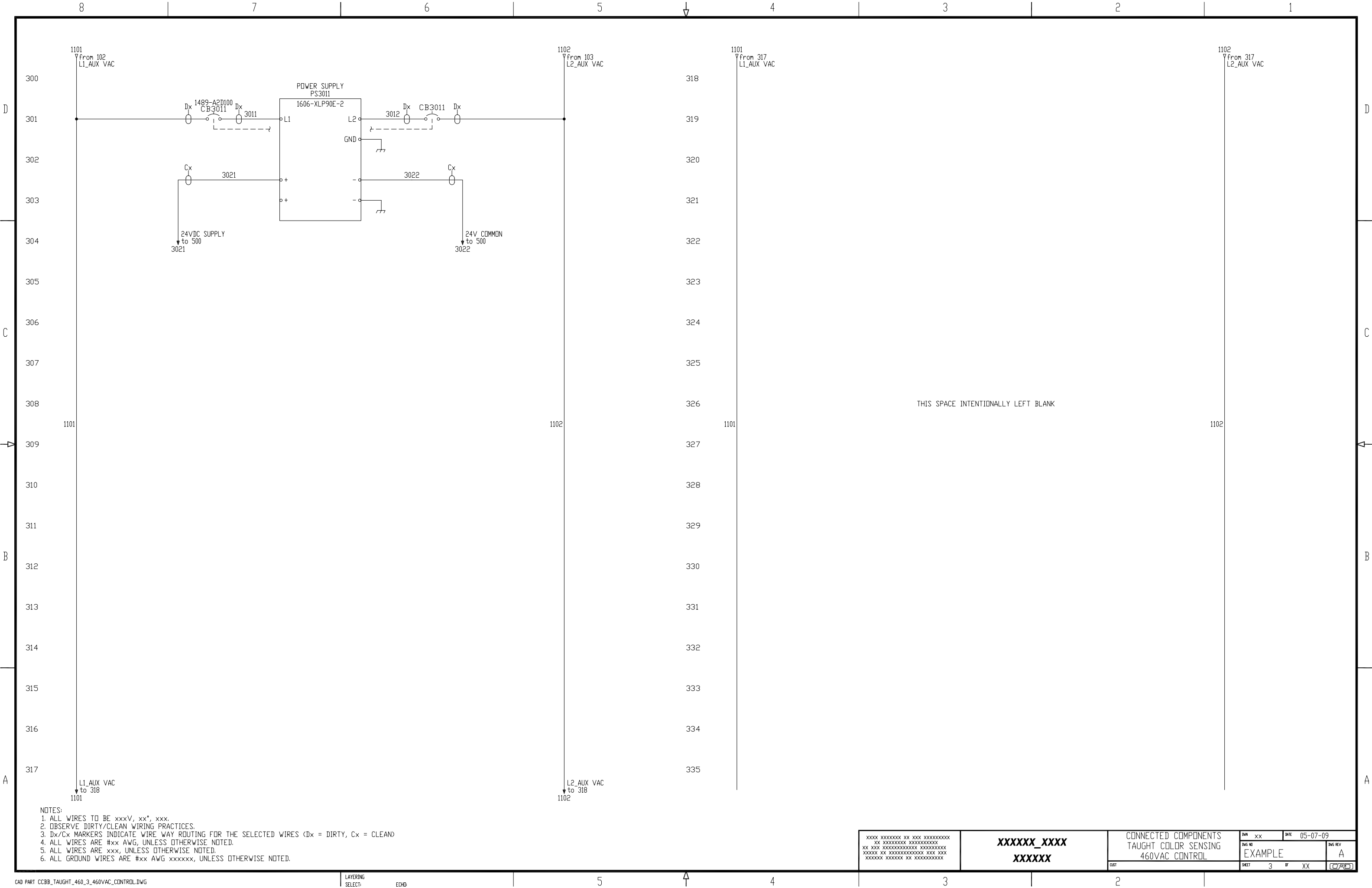


NOTES:
1. ALL WIRES TO BE xxxV, xx*, xxx.
2. OBSERVE DIRTY/CLEAN WIRING PRACTICES.
3. Dx/Cx MARKERS INDICATE WIRE WAY ROUTING FOR THE SELECTED WIRES (Dx = DIRTY, Cx = CLEAN)
4. ALL WIRES ARE #xx AWG, UNLESS OTHERWISE NOTED.
5. ALL WIRES ARE xxx, UNLESS OTHERWISE NOTED.
6. ALL GROUND WIRES ARE #xx AWG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

XXXX XXXXXXXX XX XXX XXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XX XXX XXXXXXXXXXXXXXX XXXXXXXXXX XXXXXX XX XXXXXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXXX XX XXXXXXXXXXXX	XXXXXX_XXXX XXXXXX	CONNECTED COMPONENTS TAUGHT COLOR SENSING POWER DISTRIBUTION		DWG XX	DATE 05-07-09
		EXAMPLE		DWG REV A	
QST		SHEET 1	OF XX	CADD	





- 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 TAUGHT COLOR SENSING 460VAC CONTROL		DWG XX	DATE 05-07-09
				DWG NO EXAMPLE	DWG REV A
	COST			SHEET 3	OF XX



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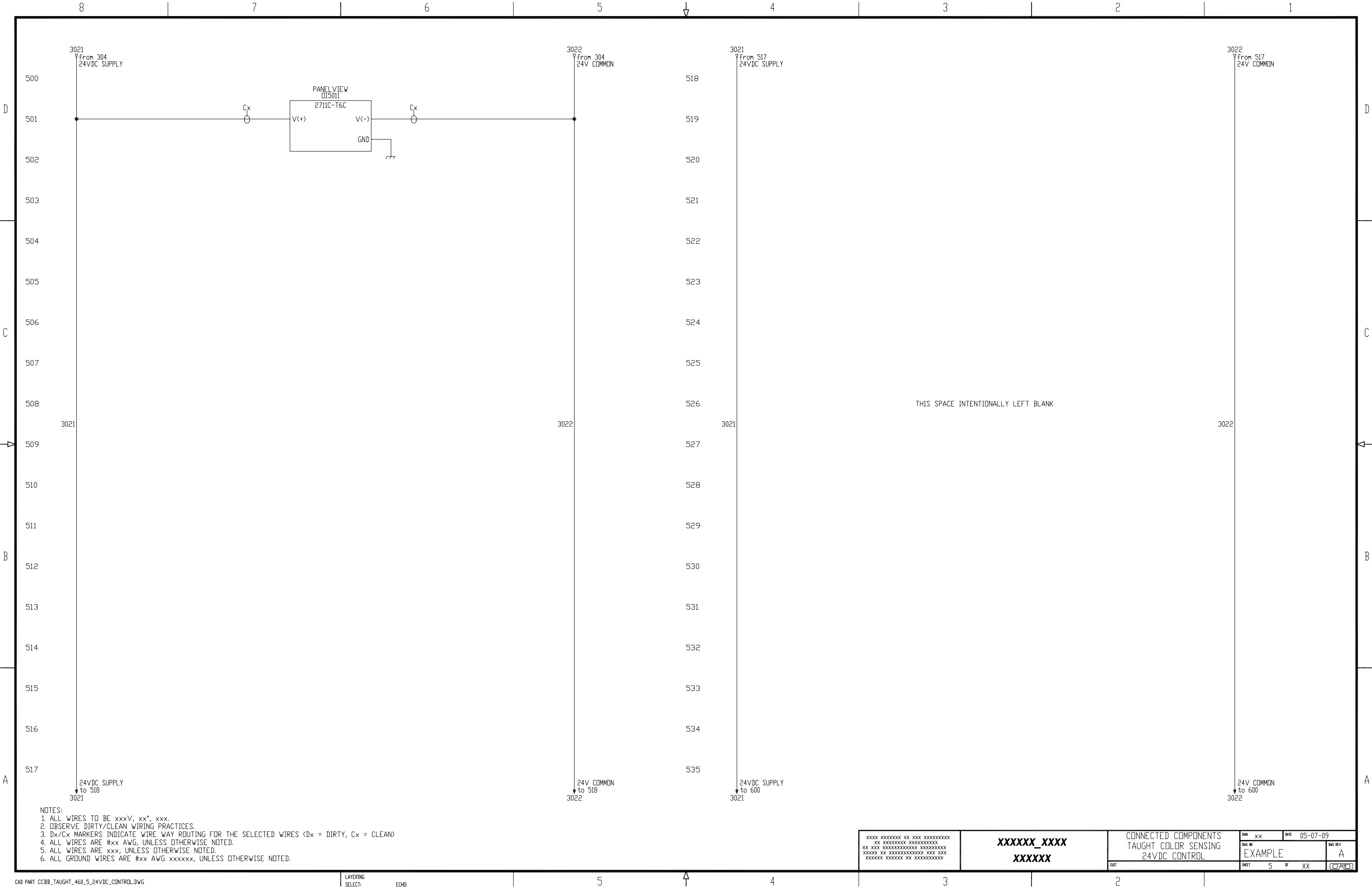
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CAD PART CCBB_TAUGHT_460_4_AUXVAC_CONTROL.DWG

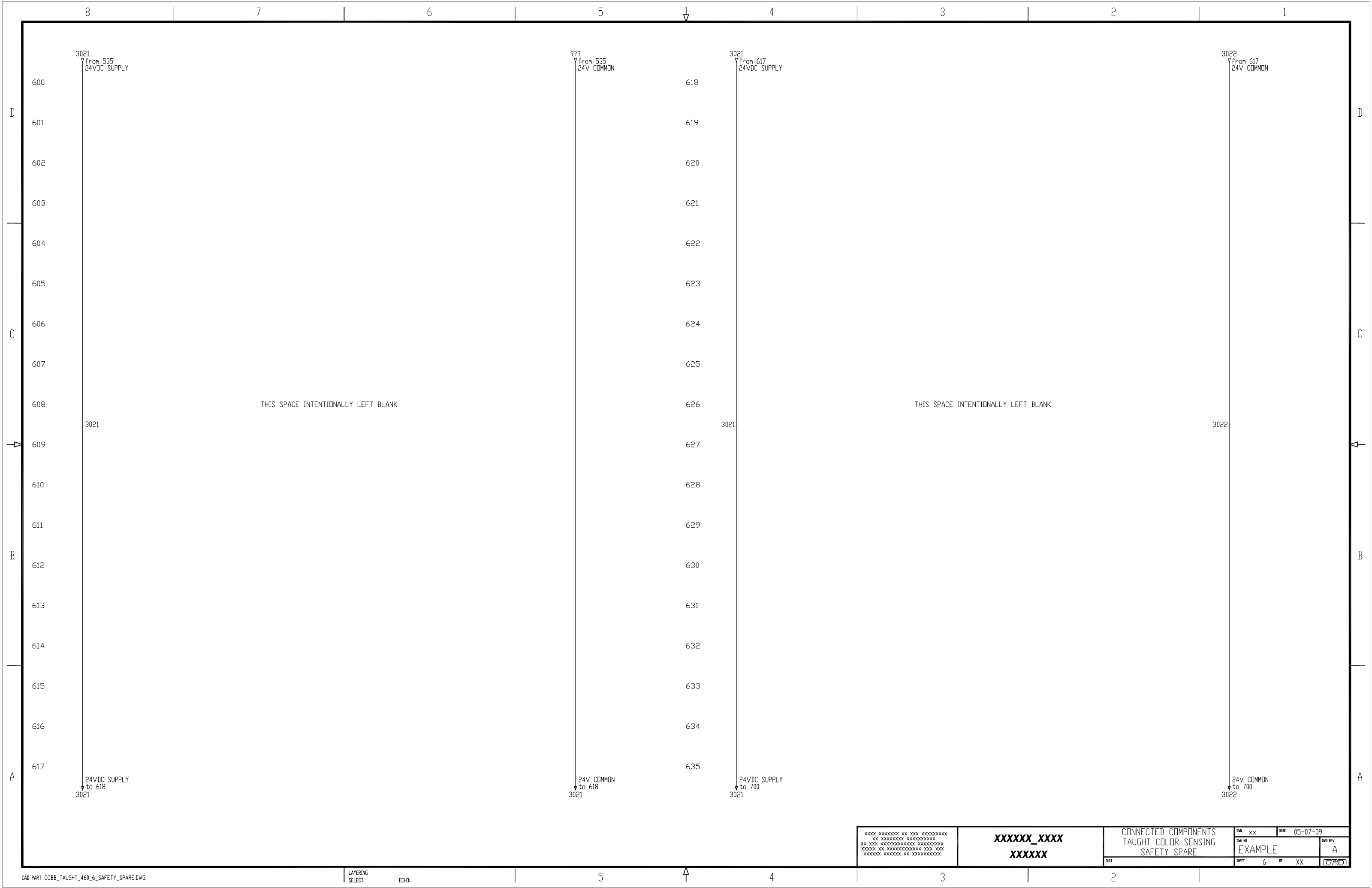
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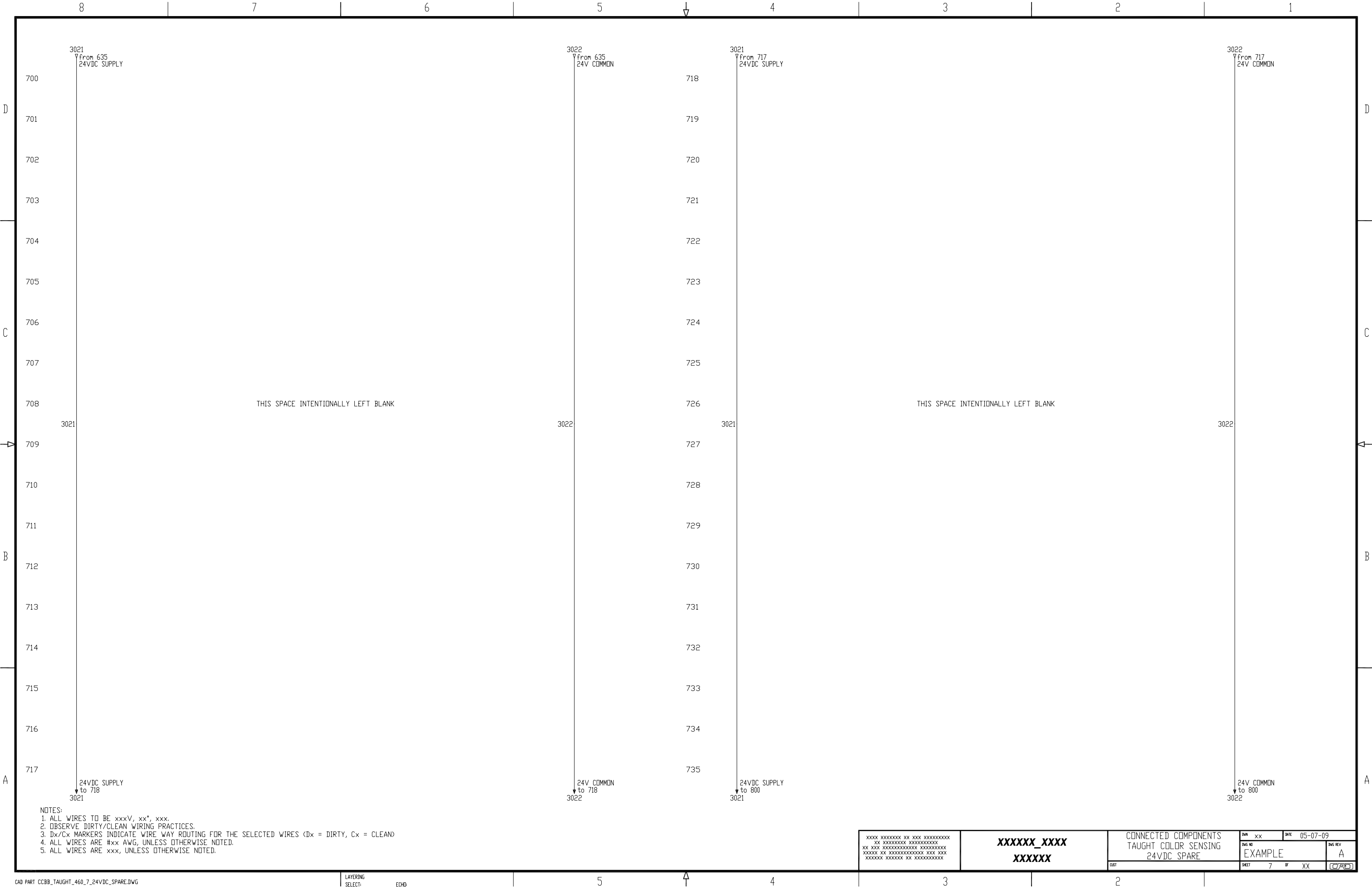
DWN	xx	DATE	05-07-09
DWG NO	EXAMPLE		DWG REV
SHEET		4	OF xx
			



- 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.

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				DWG NO EXAMPLE	DWG REV A
	COST			SHEET 5	OF XX





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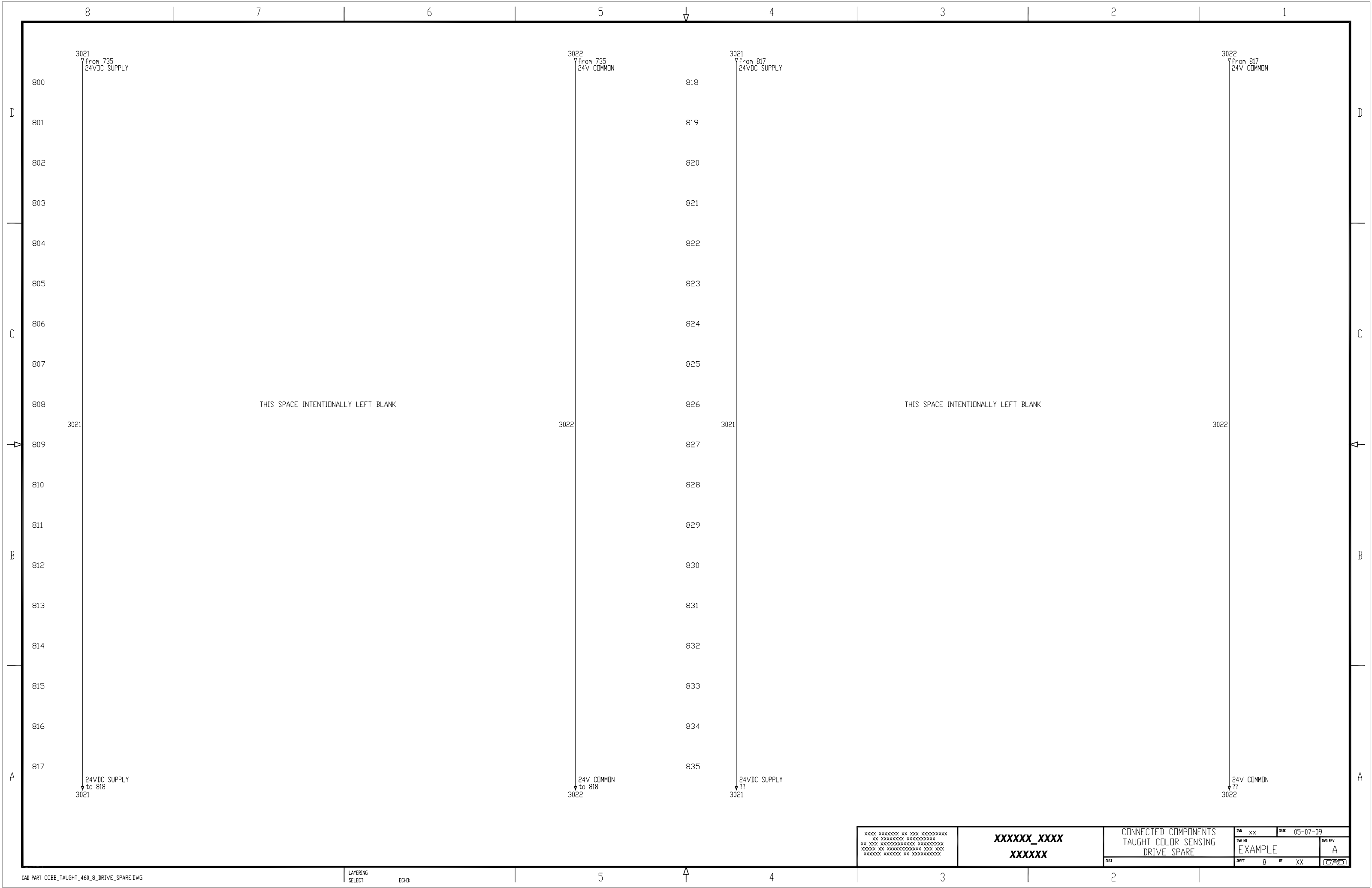
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CONNECTED COMPONENTS
TAUGHT COLOR SENSING
DRIVE SPARE

DWG XX

DATE 05-07-09

DWG NO

EXAMPLE

DWG REV

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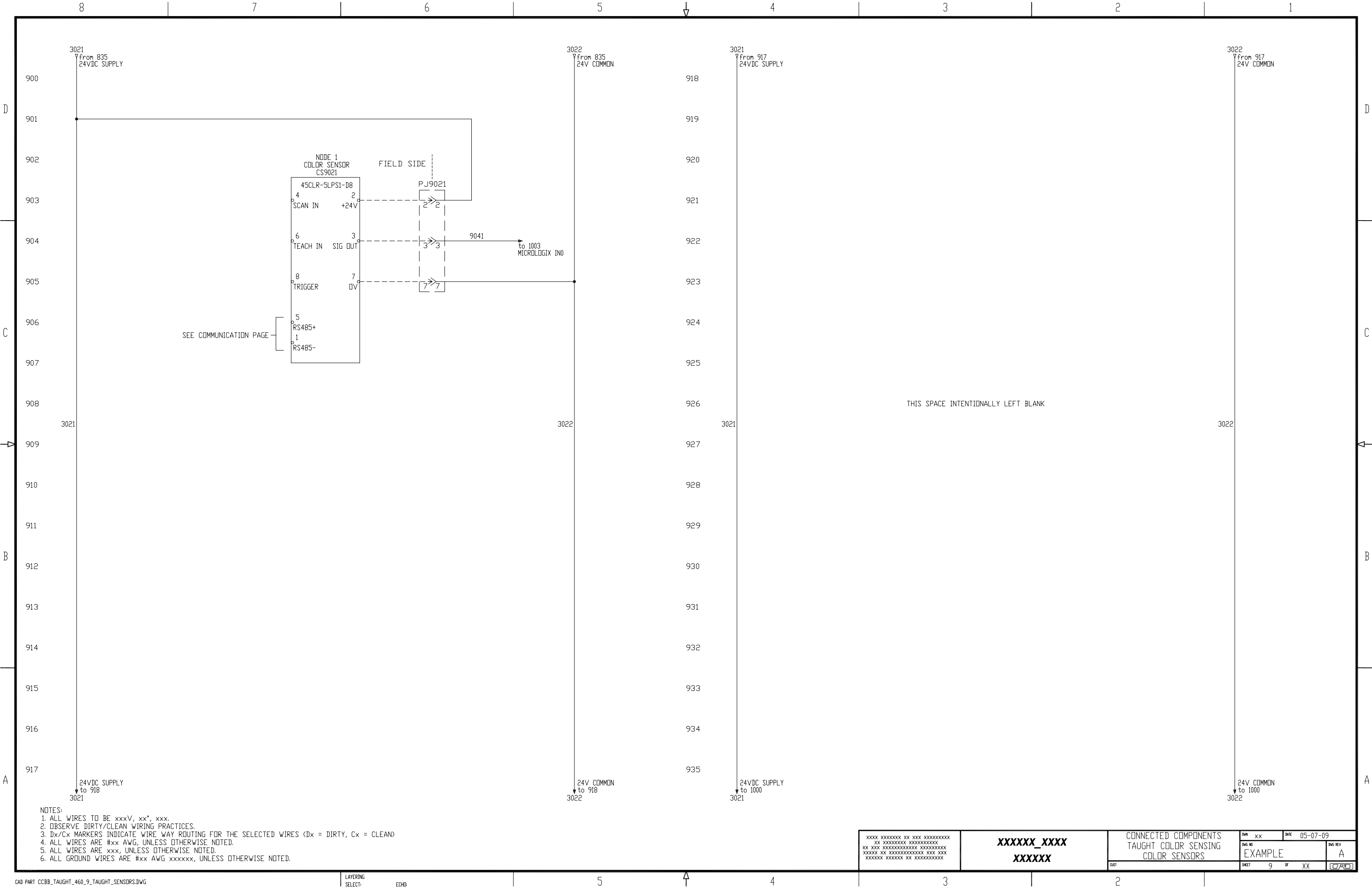
SHEET

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OF

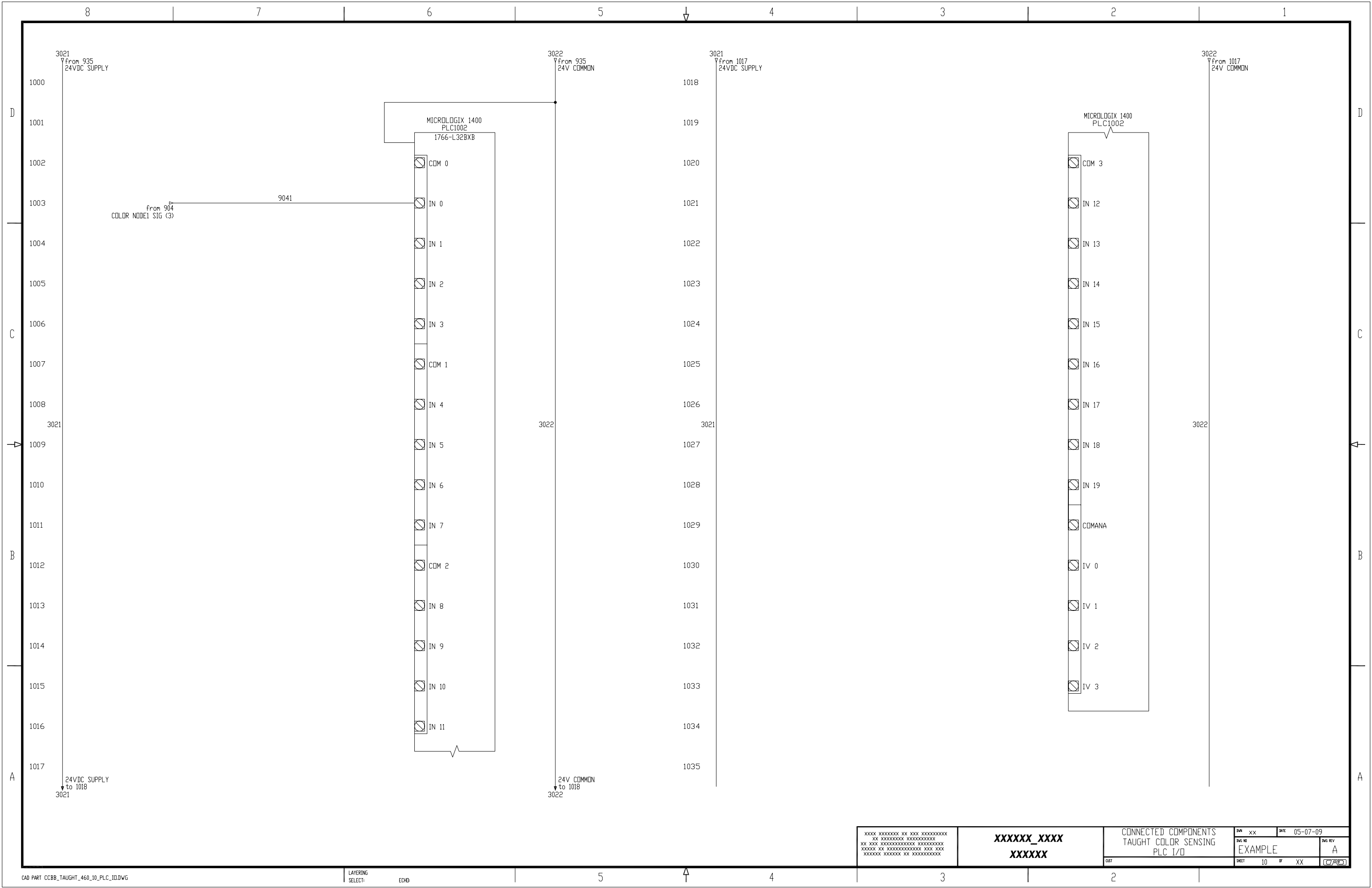
XX

CAD



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 TAUGHT COLOR SENSING COLOR SENSORS		DWG NO EXAMPLE	DWG REV A
		DIST	SHEET 9 OF XX	DATE 05-07-09	



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CONNECTED COMPONENTS
TAUGHT COLOR SENSING
PLC I/O

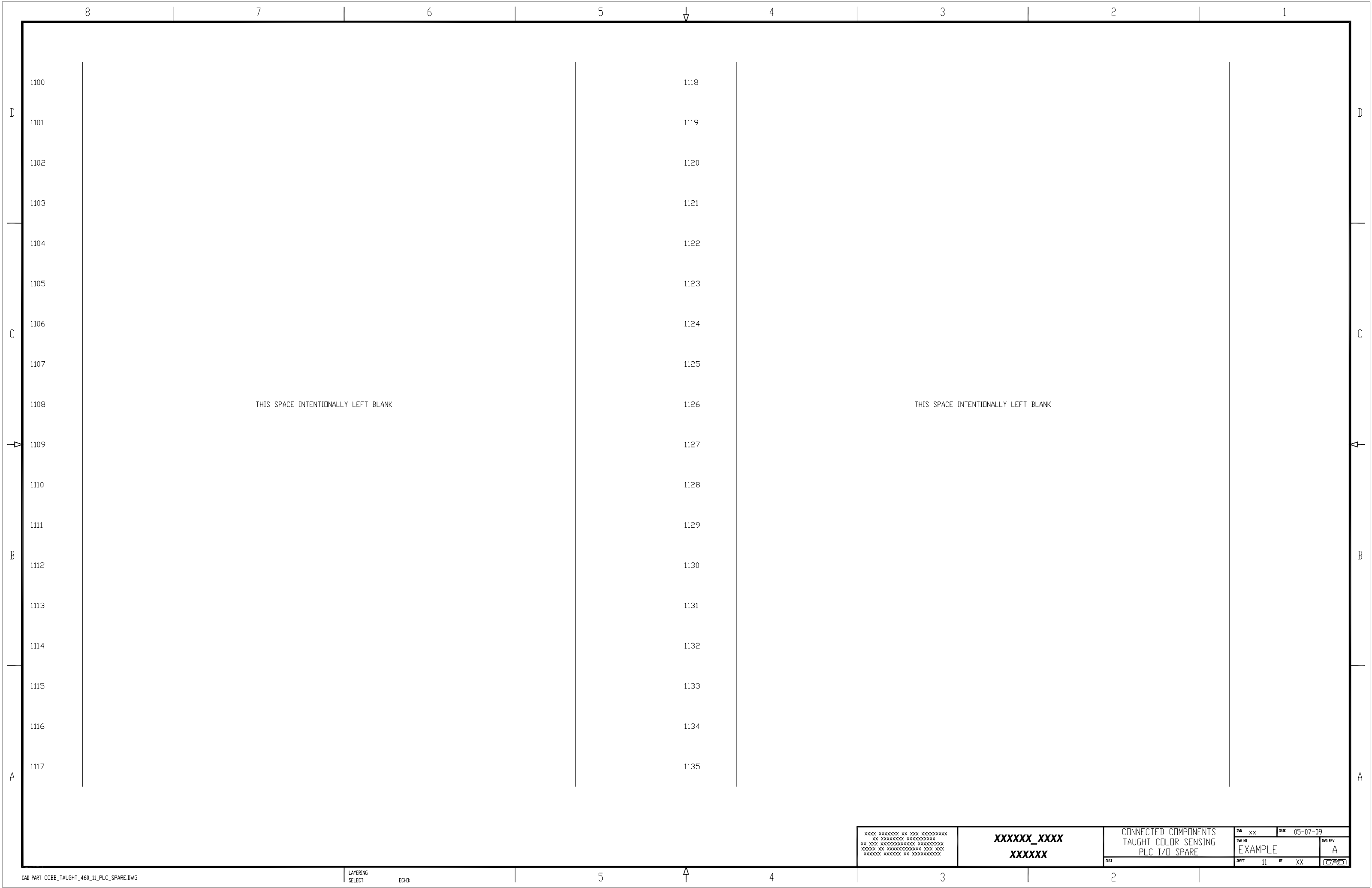
DWG XX DATE 05-07-09

DWG NO
EXAMPLE

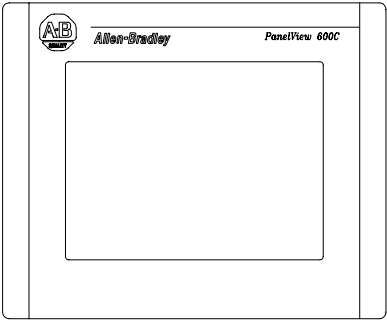
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SHEET 10 OF XX

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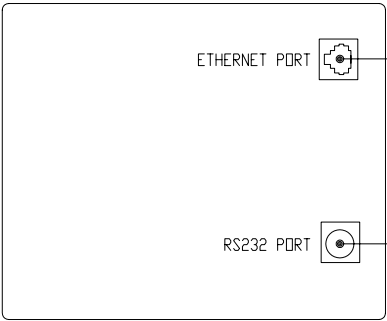


HMI PANELVIEW 600C
2711C-T6C



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)

TERMINATING
RESISTOR
PLACE AT END
OF NETWORK

WHT

GRY

CBL12XX

SHLD

USE RS485 NETWORK CABLE OR EQUIVALENT

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CONNECTED COMPONENTS
TAUGHT COLOR SENSING
COMMUNICATION DIAGRAM

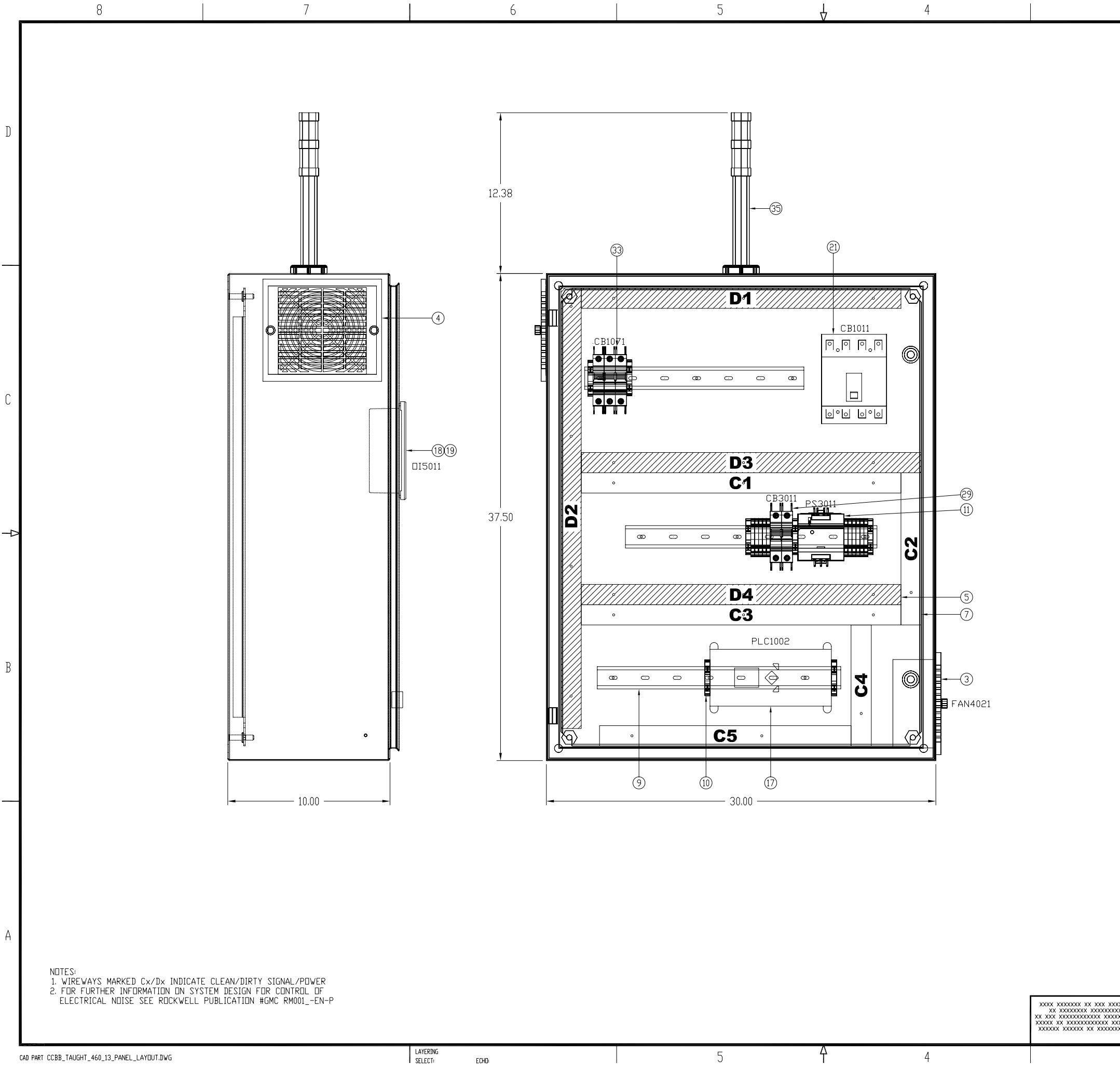
DWG XX DATE 05-07-09

DWG NO
EXAMPLE

DWG REV
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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	-	-	-	-
37	-	-	-	-
38	-	-	-	-
39	-	-	-	-
40	1	PHOTOSWITCH PHOTOELECTRIC SENSOR, COLORSIGHT	AB	45CLR-5JPC1-D8
41	1	CORSET: DC MICRO (M12), FEMALE, STRAIGHT, 8-PIN	AB	889D-F8AB-2
42	1	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

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DWT		SHEET 13	OF XX	DATE 05-07-09	

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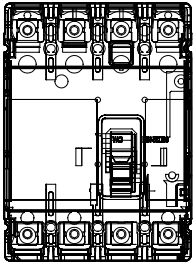
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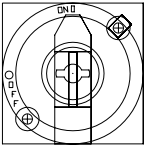
51

"F" FRAME CIRCUIT BREAKER



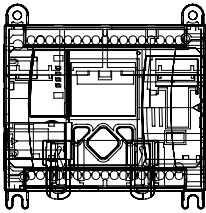
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ROTARY VARIABLE DEPTH MECHANISM



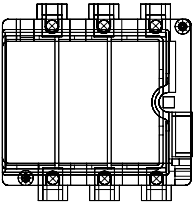
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MICROLOGIX 1100



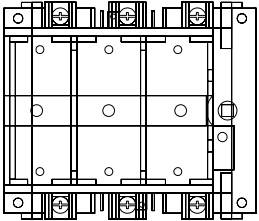
52

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

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CONNECTED COMPONENTS
TAUGHT COLOR SENSING
ADDITIONAL PARTS

DWG XX

DWG NO
EXAMPLE

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DATE
05-07-09

SHEET
14

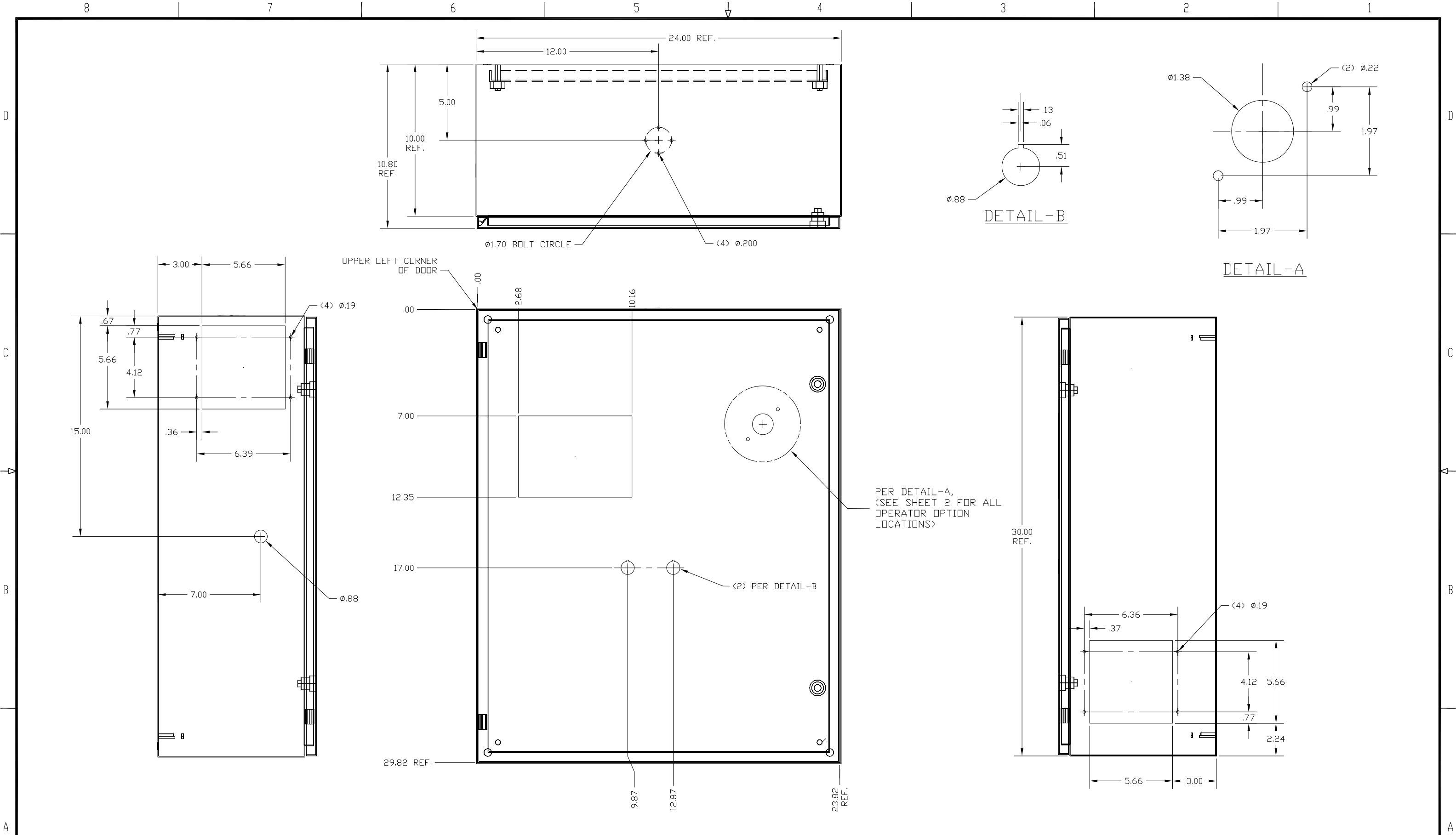
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DWG REV
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CAD PART CCBB_TAUGHT_460_14_ADDITIONAL_PARTS.DWG

LAYERING
SELECT:

ECHO:



DOOR MODIFICATION

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

CAD PART CCBB_TAUGHT_460_15_ENCLOSURE_DOOR_LAYOUT.DWG

LAYERING SELECT:

ECHO:

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CONNECTED COMPONENTS
TAUGHT COLOR SENSING
ENCLOSURE DOOR LAYOUT

DWG NO. EP368-W15-01
DWG REV. A

SHEET 15 OF XX

DATE 05-07-09