

AS5200HS SCHEMATIC NOTES	
1.	

PLC-CPU1		PLC	PANEL
SYSTEM CONTROLLER		PLK-S11	
		X20CP1301	
PLC-CPU1	PLC-IFW	N/A	
OPTIONAL INTERFACE MODULE		N/A	
BLANK/NOT USED		X20CP1301	
PLC-CPU1	PLC-X1	X1 I/F	
	2AI, 4DI, 1CAN and 1 RS232		
On Board ID Slot 1		X20CP1301	
PLC-CPU1	PLC-X2	X2 I/F	
	1DO, 4HS_DI / ENC I/F		
On Board ID Slot 2		X20CP1301	
PLC-CPU1	PLC-X3	X3 I/F	
	4DO, 4DI/DO, 4HS_DO, PLC FWR I/F		
On Board ID Slot 3		X20CP1301	
PLC-DSP1		X2-X-S11	
X20_DSP1		4 HS_DI AND 4 HS_DO	
VALVE CNT		X20DS4389	
		X2-X-S12	
PLC-PD1			
DI8DO	6.3A MICRO FUSE		
24VDC 6X & GND 6X		X20-PD13	
		X2-X-S13	
PLC-DSP2			
SSI ENC 1/4V		2 DI SINK	
5V AND 24V ENC SUPPLY		X20CD1178	

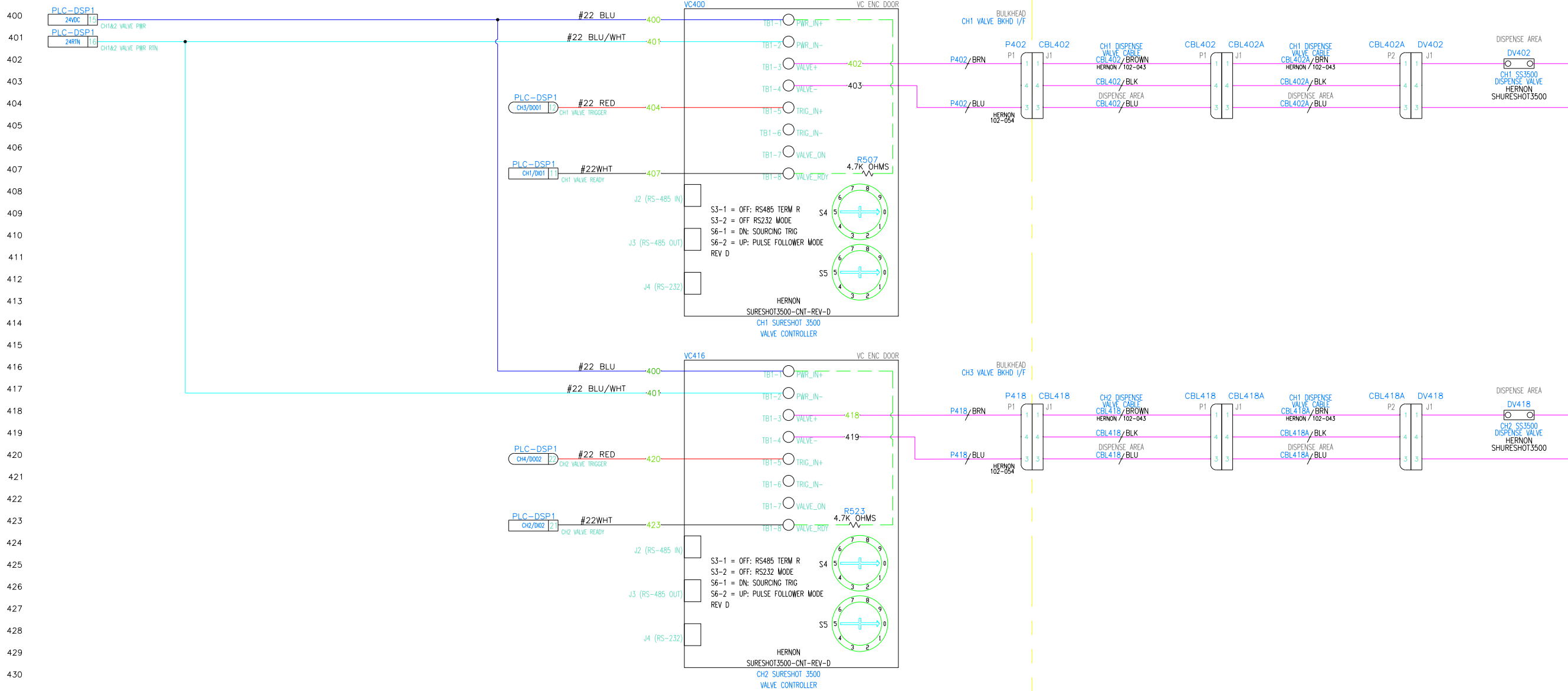
AS5200HS AUTOMATIC SEALING AND UV CURING SYSTEM FOR AMMUNITION	
SH01	COVER SHEET, AC WIRING AND DC CIRCUIT BREAKERS
SH02	DC POWER DISTRIBUTION AND MACHINE CONTROL INTERFACE
SH03	HMI, STATUS LIGHT, NETWORK I/F AND SENSOR INPUTS
SH04	DISPENSE VALVE CONTROLS CH1 AND CH2
SH05	OPTIONAL DISPENSE VALVE CONTROLS CH3 AND CH4
SH06	UV CURING CONTROL AND INTERFACE

PLC-X1	PLC-X2	PLC-DSP2	CR244	BTM/BTM	BT01
CAN+ 16	DO6 13 SPARE	DO1 14 SPARE	11 ON/O 12	BTM/BTM	DN 1 UP
PLC-X1	PLC-X2	PLC-DSP2	CR244	BTM	BT01
CAN- 17	DO6 23 SPARE	DO2 24 SPARE	23 ON/O 24	BTM	DN 1 UP
PLC-X1	PLC-X2	PLC-DSP2	CR244	TOP	BT01
GND 18	DO7 14 SPARE	24V OUT 15	53 ON/O 54	TOP	DN 1 UP
PLC-X1	PLC-X2	PLC-DSP2	CR244	TOP	BT01
A2+ 21	DO8 24 SPARE	GND 25	53 ON/O 54	TOP	DN 1 UP
PLC-X1	PLC-X2		CR247	BTM/BTM	BT01
A2+U 22	DO9 15 SPARE		11 ON/O 12	BTM/BTM	DN 1 UP
PLC-X1	PLC-X2	PLC-PD1	CR247	BTM/BTM	BT01
A2- 23	DO10 25 SPARE	24VIN 14 24VFN	23 ON/O 24	BTM/BTM	DN 1 UP
PLC-X1	PLC-X2	PLC-PD1	CR247	BTM	BT01
RS232-TX 26	DO11+HS 16 SPARE	24VIN 15 24VFN	23 ON/O 24	BTM	DN 1 UP
PLC-X1	PLC-X2	PLC-PD1	CR247	TOP	BT01
RS232-RX 27	DO12+HS 26 SPARE	24VIN 16 24VFN	53 ON/O 54	TOP	DN 1 UP
PLC-X1	PLC-X2	PLC-PD1	CR247	TOP	BT01
GND 28	DO13+HS 17 SPARE	24VDC 74 24VDC	53 ON/O 54	TOP	DN 1 UP
	PLC-X2	PLC-PD1	CR247	TOP	BT01
	DO14+HS 77 SPARE	24VDC 23 24VDC	53 ON/O 54	TOP	DN 1 UP
	PLC-X2	PLC-PD1	CR247	TOP	BT01
	24V 28 NC	24VDC 26 24VDC	53 ON/O 54	TOP	DN 1 UP
	PLC-X2	PLC-PD1	CR247	TOP	BT01
	ON0 18 NC	24VDC 26 24VDC	53 ON/O 54	TOP	DN 1 UP
PLC-X1	PLC-X3				
A1+U 12	DD12+HS 20 SPARE				
PLC-X1					
A1+ 11					
PLC-X1					
A1- 13					

PLC-PD2 24VIN 11 24VIN	PLC-PD2 24VDC 21 24VDC	PLC-PD2 X2X-ST4 DISTR0 6.3A MICRO FUSE 24VDC 6X & GND 6X X20PD2113
PLC-PD2 24VIN 12 24VIN	PLC-PD2 24VDC 22 24VDC	
PLC-PD2 24VIN 13 24VIN	PLC-PD2 24VDC 23 24VDC	
PLC-PD2 24VIN 14 24VIN	PLC-PD2 24VDC 25 24VDC	
PLC-PD2 24VIN 15 24VIN	PLC-PD2 24VDC 24 24VDC	
PLC-PD2 24VIN 16 24VIN	PLC-PD2 24VDC 26 24VDC	



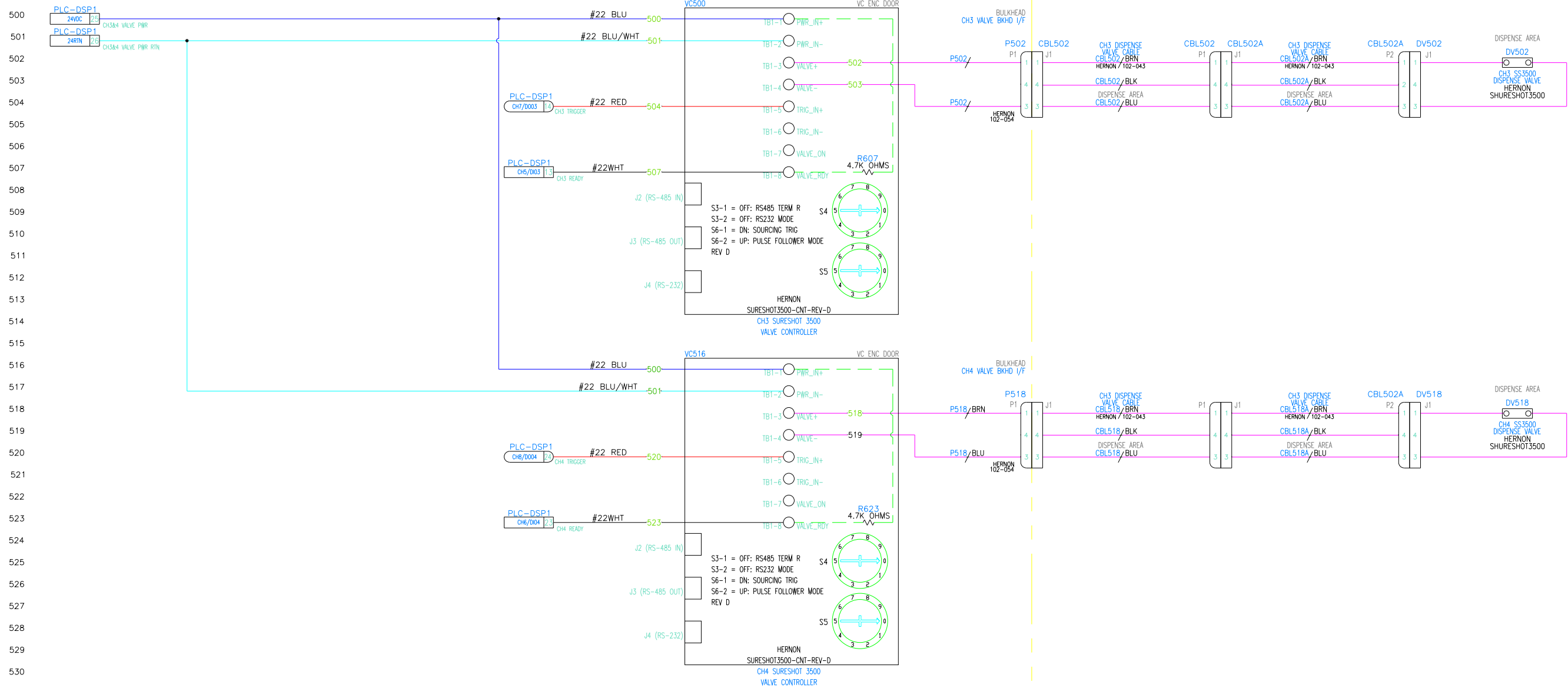
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Nº.	DATE	REVISION			BY
GAB TITLE					
HIGHSPEED SEALING AND UV CURING CONTROLLER FOR AMMUNITION					
COVER SHEET, DC WIRING AND DC CIRCUIT BREAKERS					
ENGINEER RDH			CHECKED BY		
JOB NO. MULT.			DRAWN BY RDH		
SCALE No Scale			DATE 01/31/2017		
CNC NO. 110-155-001-SCH					
SHEET NO. 01 OF 06					



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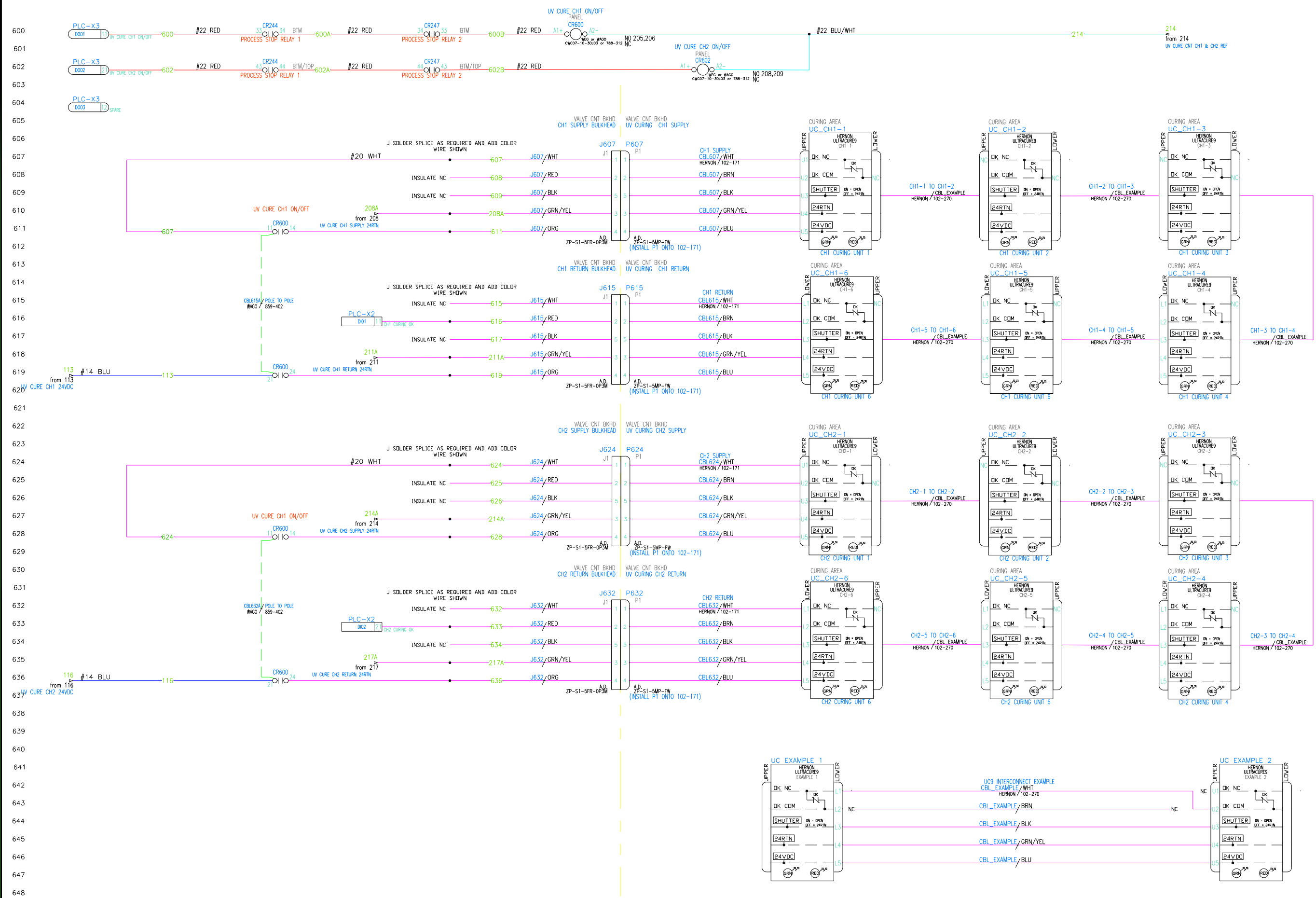
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DRAWN BY: RDH			
CHECKED BY: RDH			
JOB NO: 110-155-001-SCH			
SCALE: No Scale			
DATE: 01/31/2017			
DRAWN BY: RDH			
SHEET NO: 04 OF 06			

CH3 & CH4 DISPENSE VALVES ARE OPTIONAL



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CHECKED BY: RDH			
JOB NO: 110-155-001-SCH			
SCALE: No Scale			
DATE: 01/31/2017			
DRAWN BY: RDH			
SHEET NO: 05 OF 06			



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