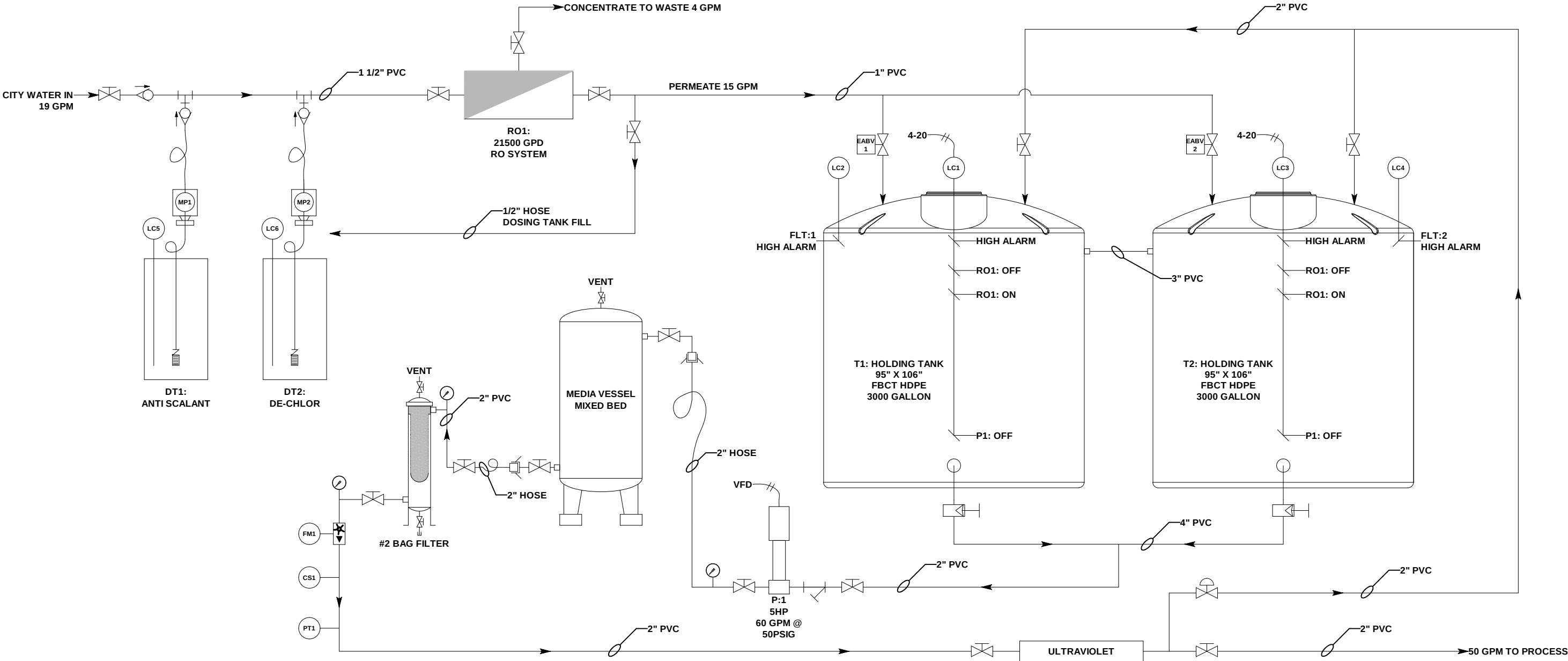
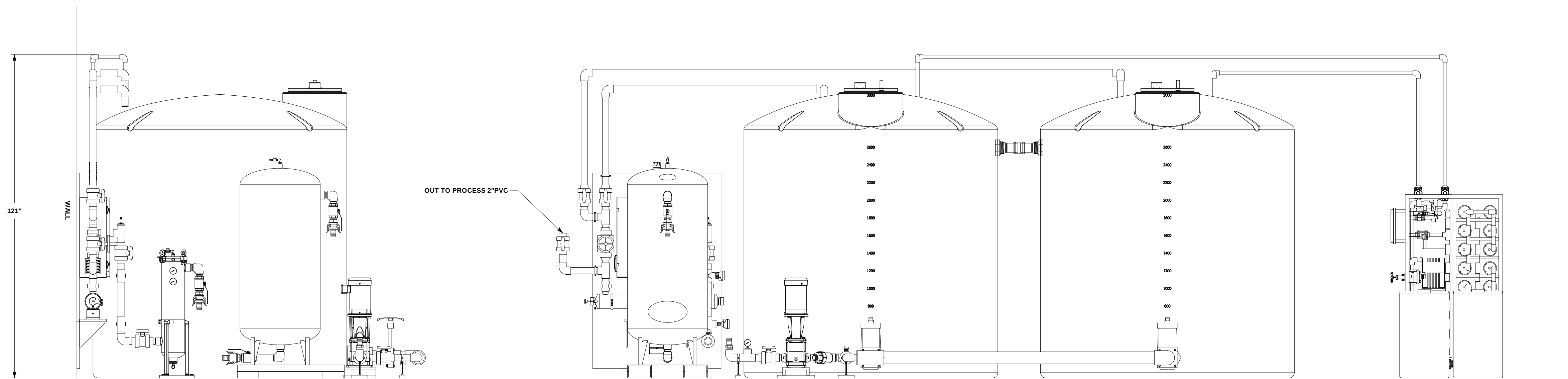
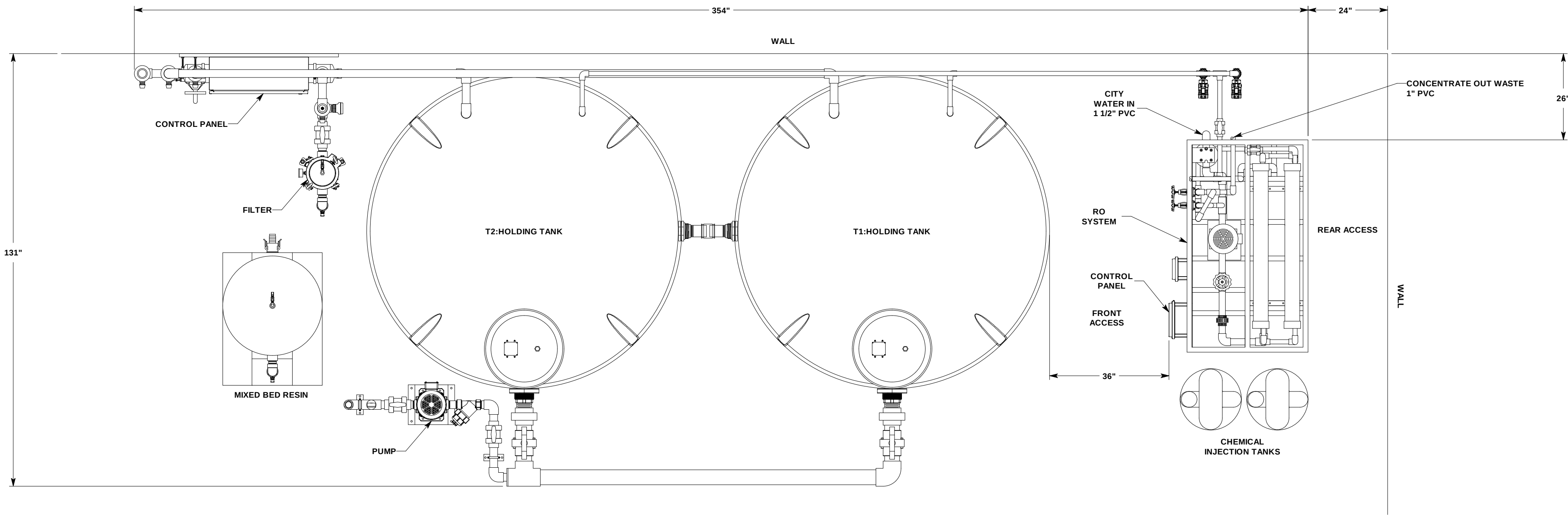




SEAL	AQUASGROUP			
	830 WATERMAN AVENUE EAST PROVIDENCE, RI 02914			
	DREW MARINE WATERBURY, CT			
	AQUAS 21500 GPD TW-RO/DI SYSTEM PROCESS FLOW DIAGRAM			
DESIGNED BY NPJR	REV DATE 08/26/20		REV B	SIZE B
DRAWN BY RGF	SCALE: NTS		DRAWING #81000-RO-DI-PFD	
CHECKED BY DATE			SHEET 1 OF 1	
APPROV. BY DATE				



SEAL		AQUASGROUP			
		830 WATERMAN AVENUE EAST PROVIDENCE, RI 02914			
		DREW MARINE WATERBURY, CT			
DESIGNED BY		AQUAS 21500 GPW TD-RO/DI SYSTEM SYSTEM LAYOUT			
R/G					
DRAWN BY		DATE			
R/G		08/26/20			
CHECKED BY		DATE			
APPROV. BY		DATE			
SCALE: 1/2"=1'		REV. DATE		REV	
				DRAWING #80350-LAYOUT	
				SHEET 1 OF 1	
				D	

**DREW MARINE
WATERBURY, CT**

**AQUASGROUP
GFS 21500 GPD TW-RO/DI**

**WIRING DIAGRAM
AG JOB No: 81000**

ENVIRONMENTAL CONTROL SYSTEMS d/b/a
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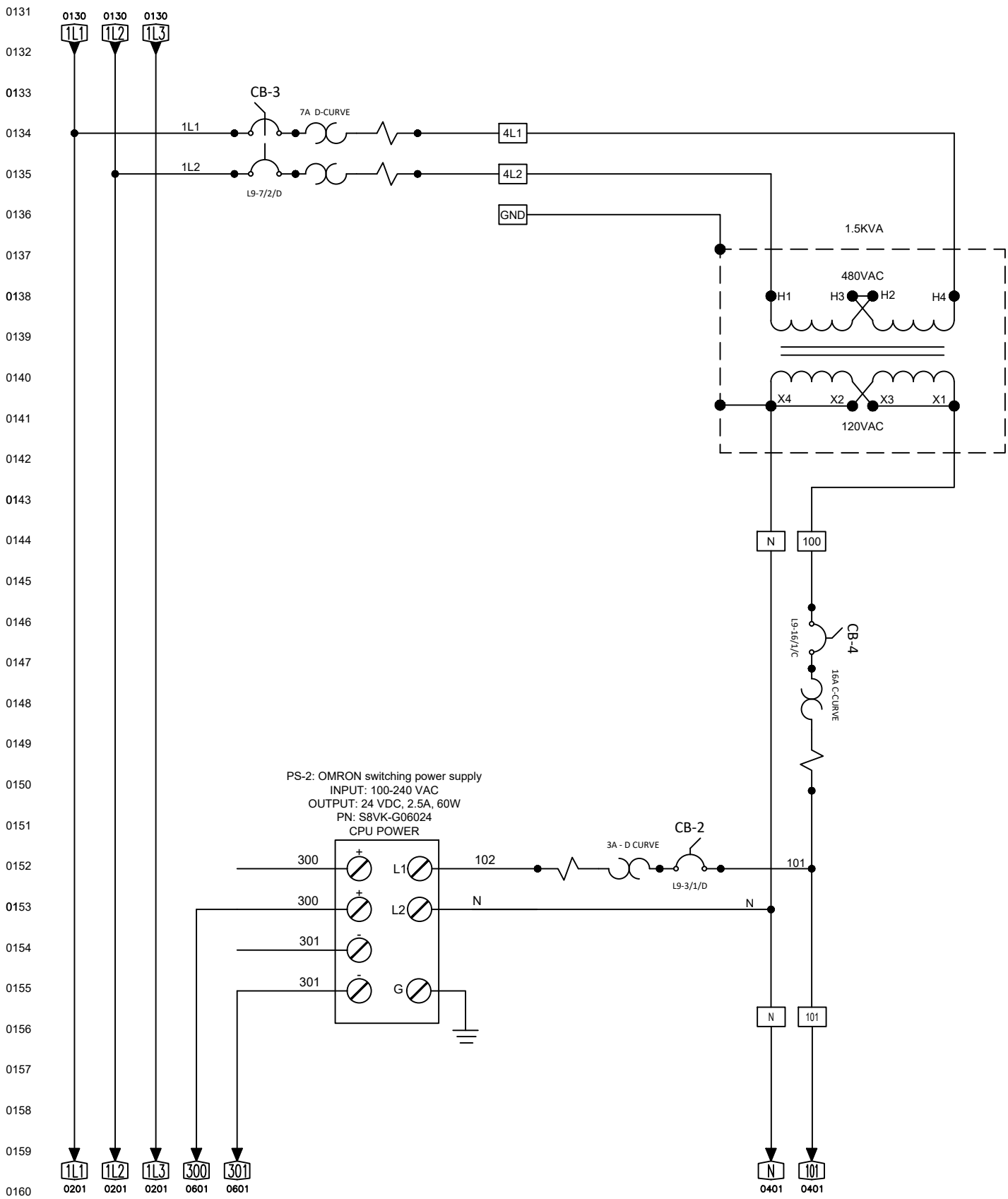
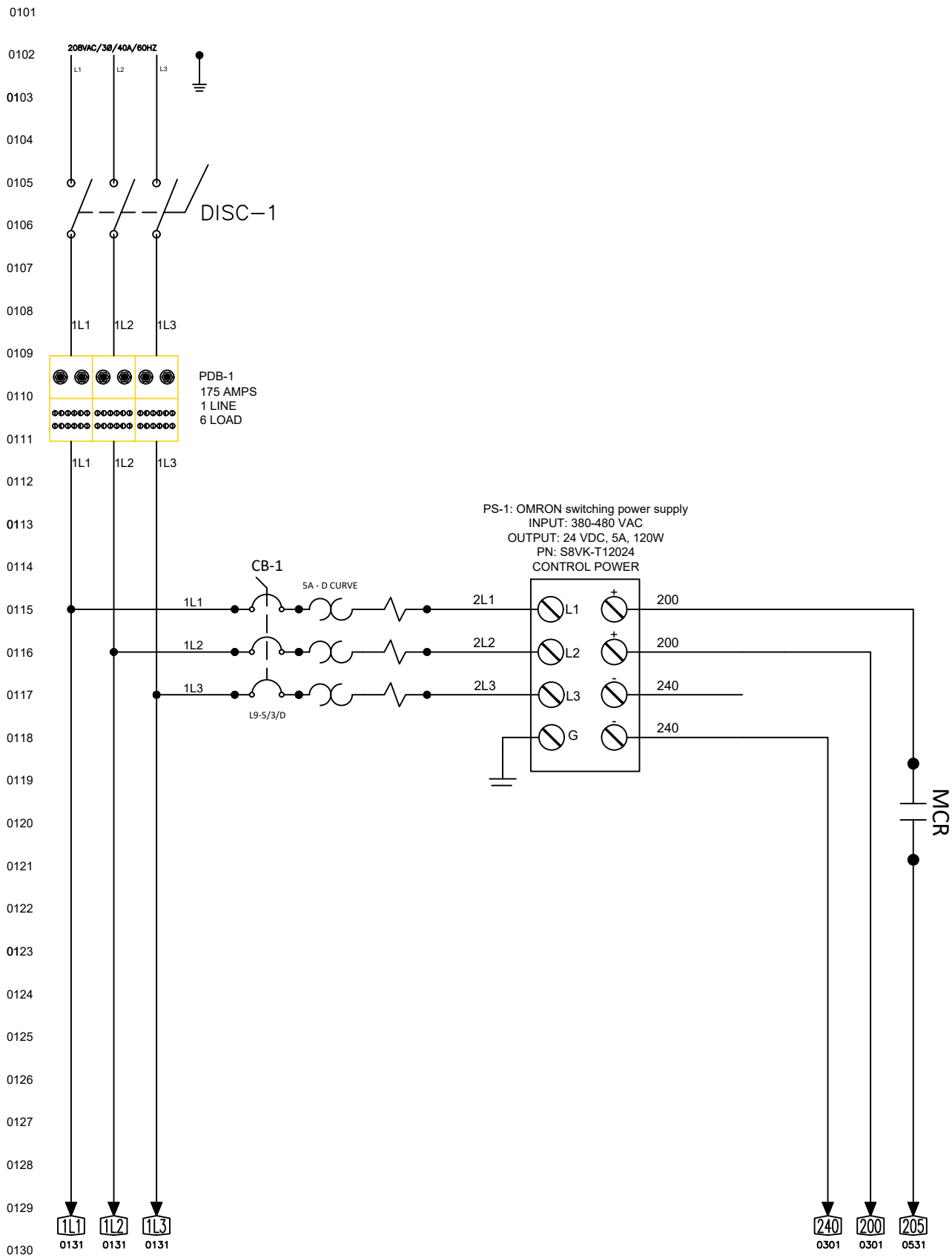
JOB_GFS_21500_GPD_TW-RQ/DI

SHEET NO. 1 OF 10

CALCULATED BY JB DATE 8/14/2020

REVISED BY DATE

DESCRIPTION 480VAC-3Ø LINE POWER/120VAC STEPDOWN/24VDC CONTROL/24VDC PLC

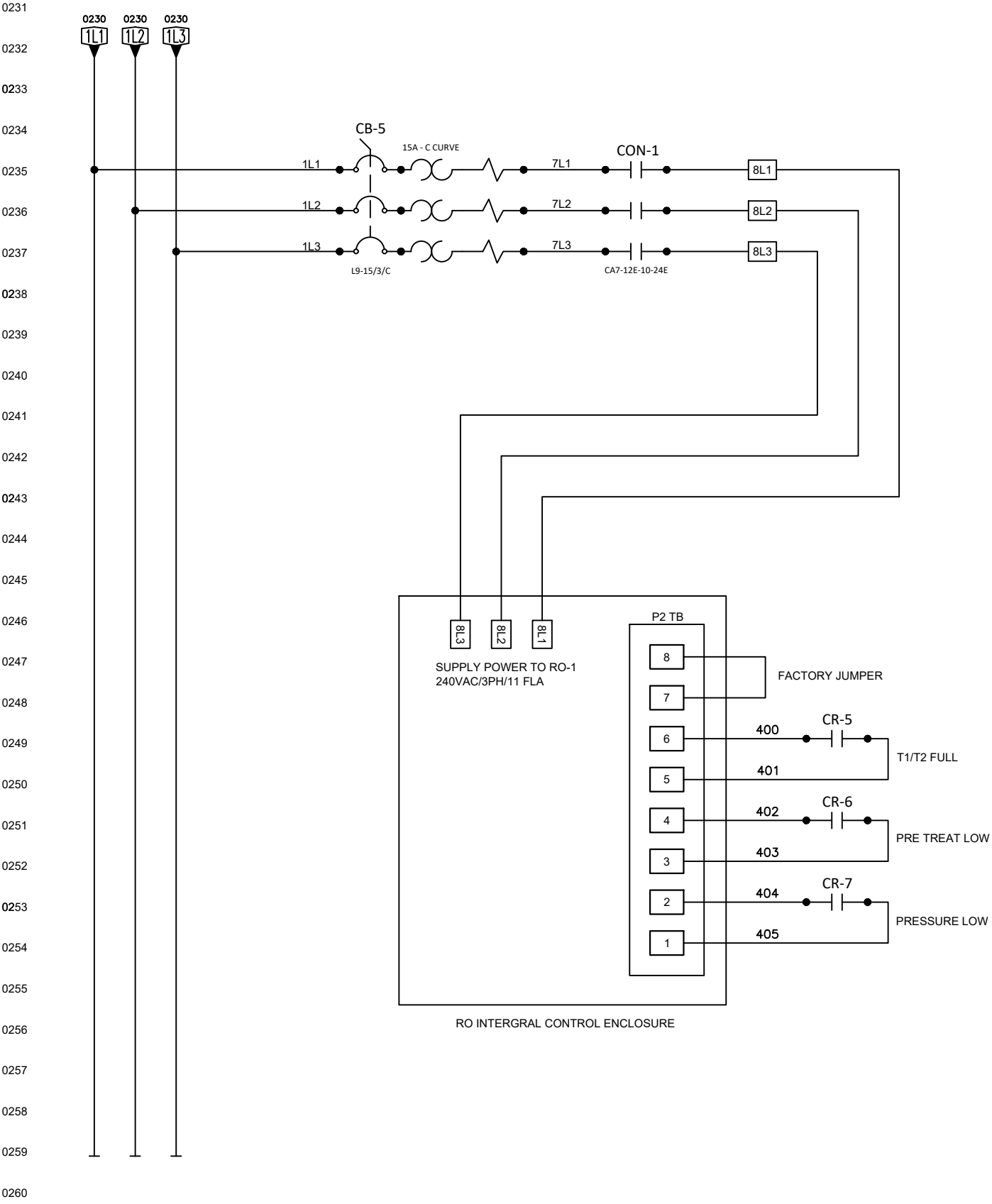
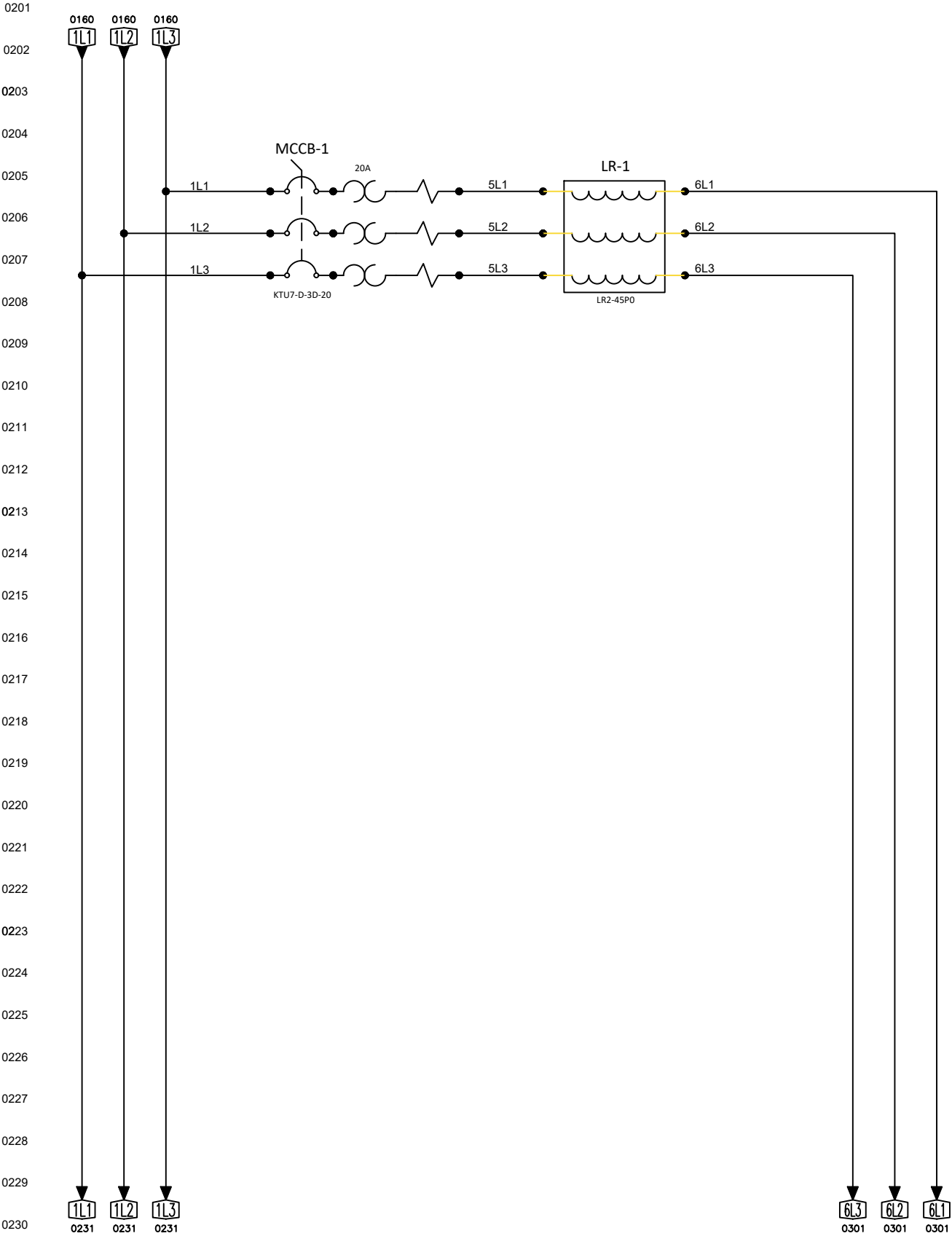


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JOB_GFS_21500_GPD_TW-RO/DI

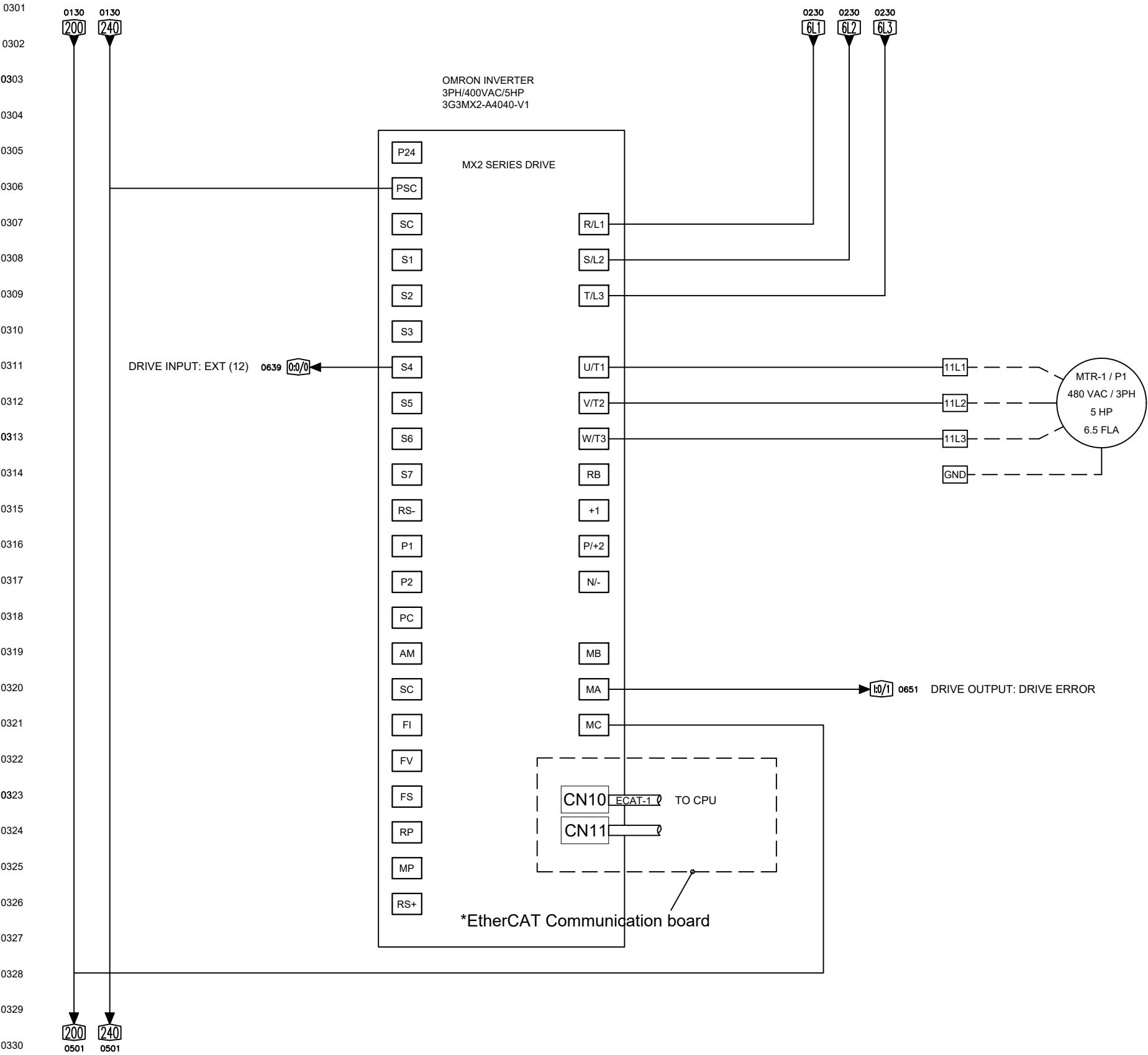
SHEET NO.	2	OF	10
CALCULATED BY	JB	DATE	8/14/2020
REVISED BY		DATE	
DESCRIPTION	48-VAC-3Ø POWER CIRCUITS		



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SHEET NO. 3 OF 10
CALCULATED BY JB DATE 8/14/2020
REVISED BY DATE
DESCRIPTION 480VAC-3Ø: MOTOR CONTROL – FREQ DRIVE



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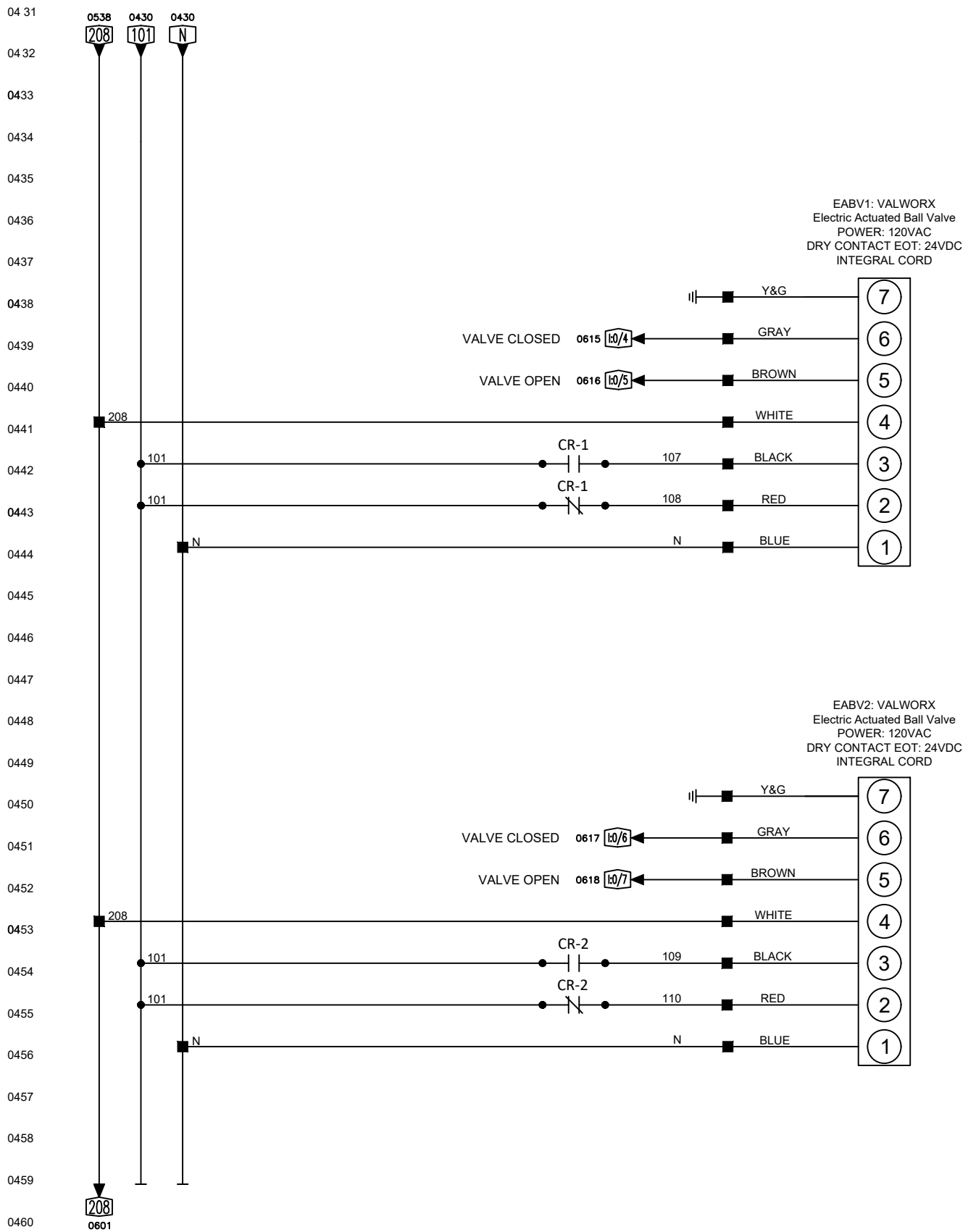
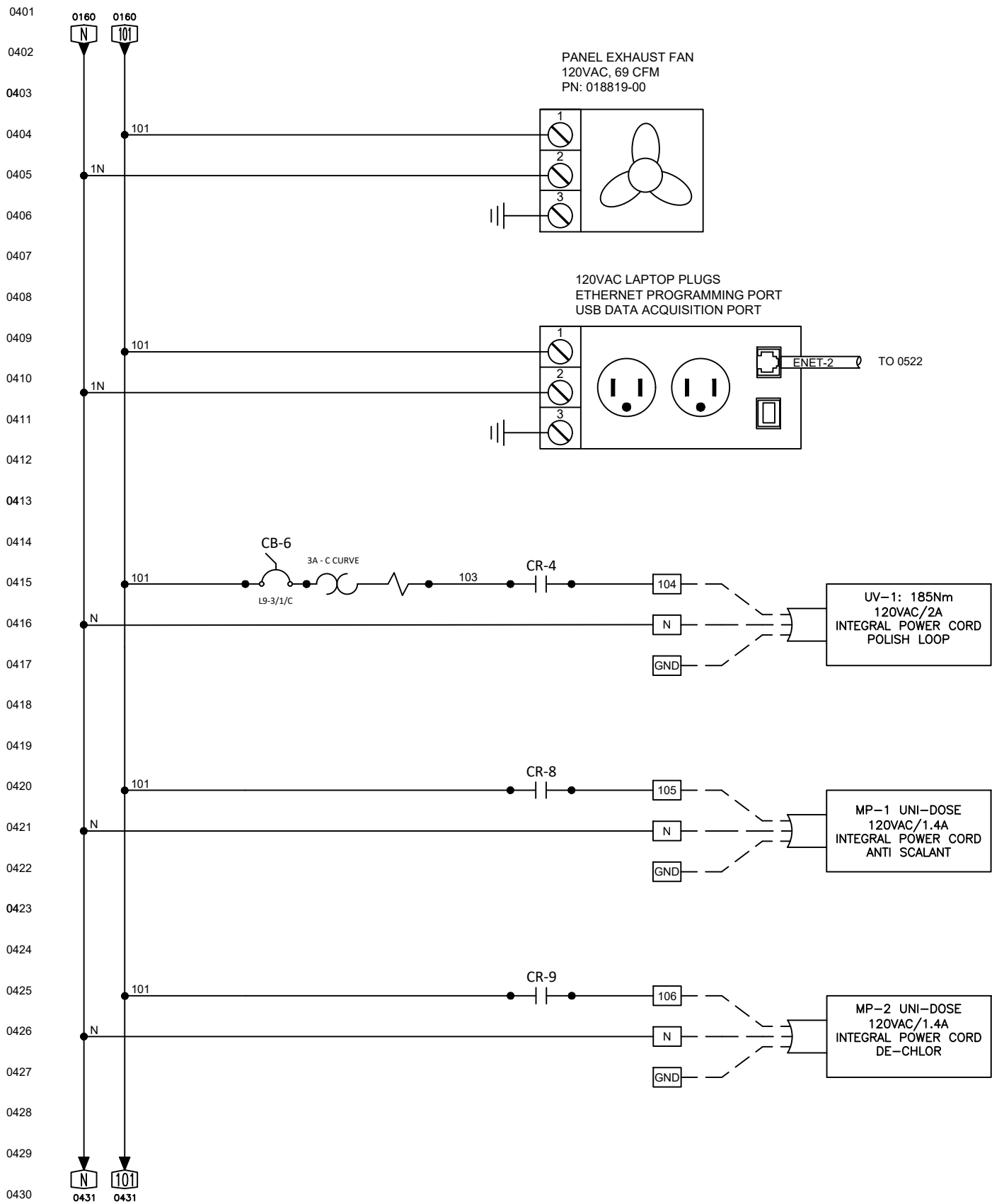
JOB_GFS 21500 GPD TW-RO/DI

SHEET NO. 4 OF 10

CALCULATED BY JB DATE 8/14/2020

REVISED BY DATE

DESCRIPTION 120VAC-1Ø: POWER CIRCUITS



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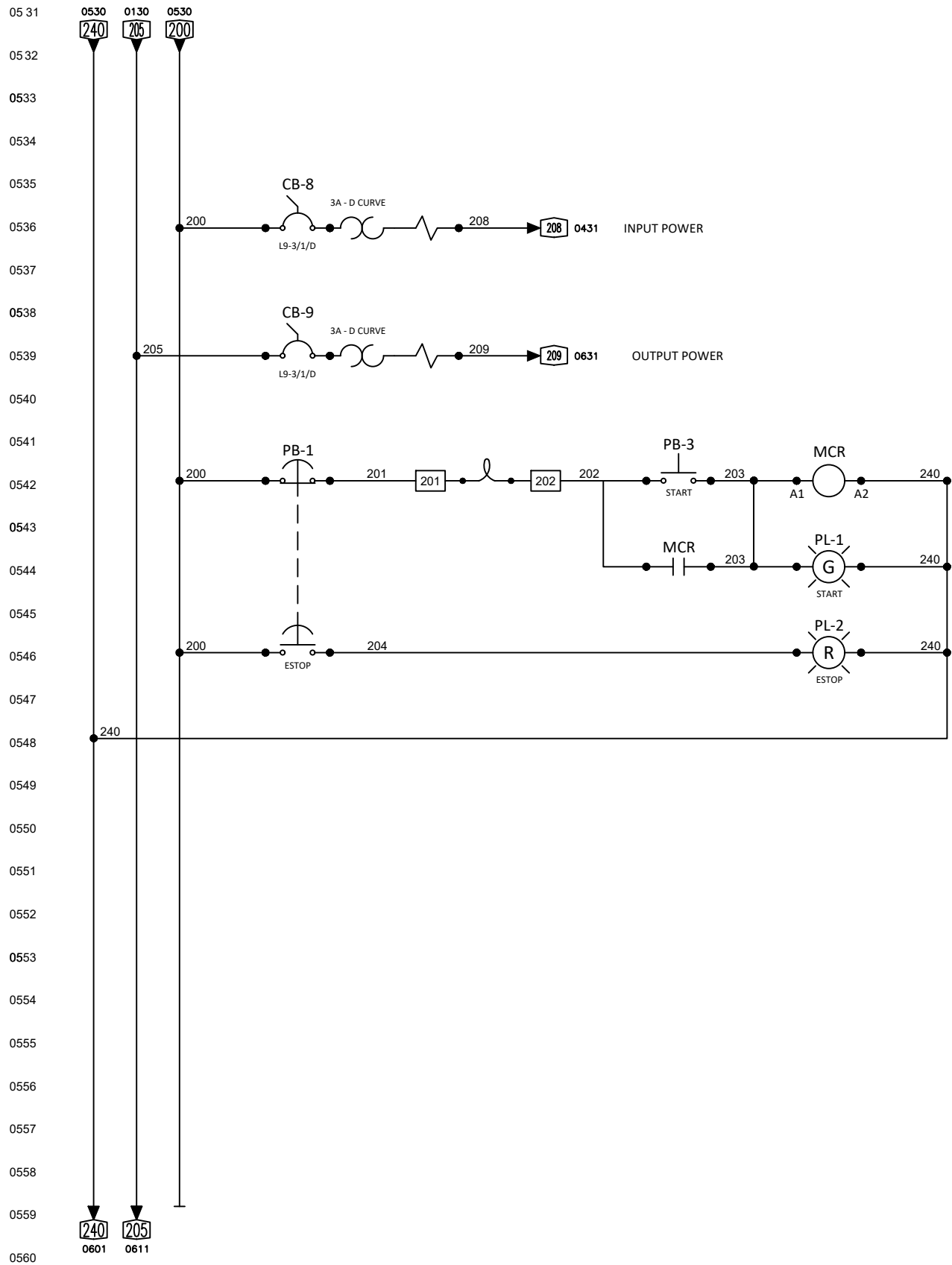
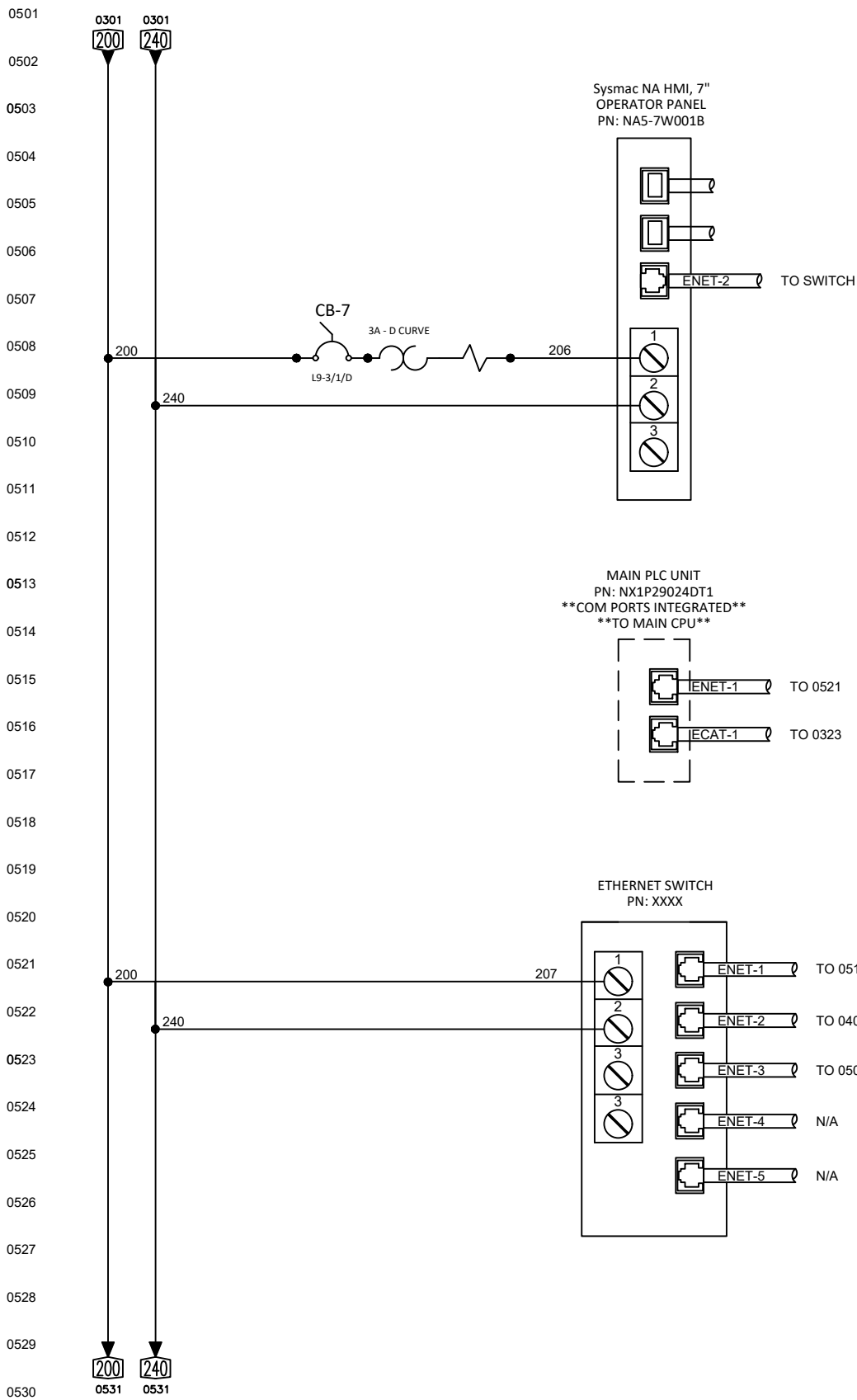
JOB_GFS 21500 GPD TW-RQ/DI

SHEET NO. 5 OF 10

CALCULATED BY JB DATE 8/14/2020

REVISED BY DATE

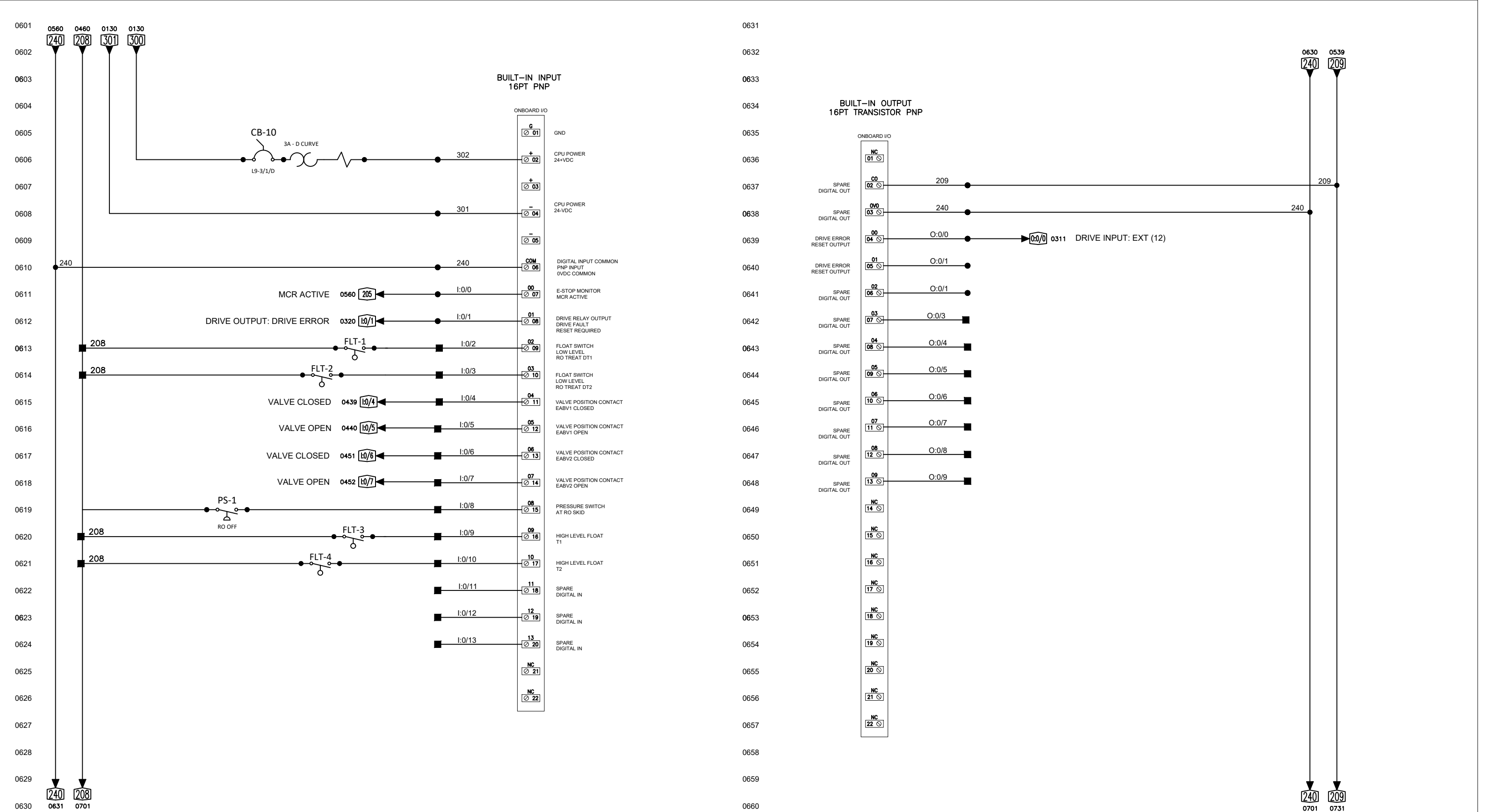
DESCRIPTION 24VDC CONTROL POWER / BRANCH FEED / E-STOP



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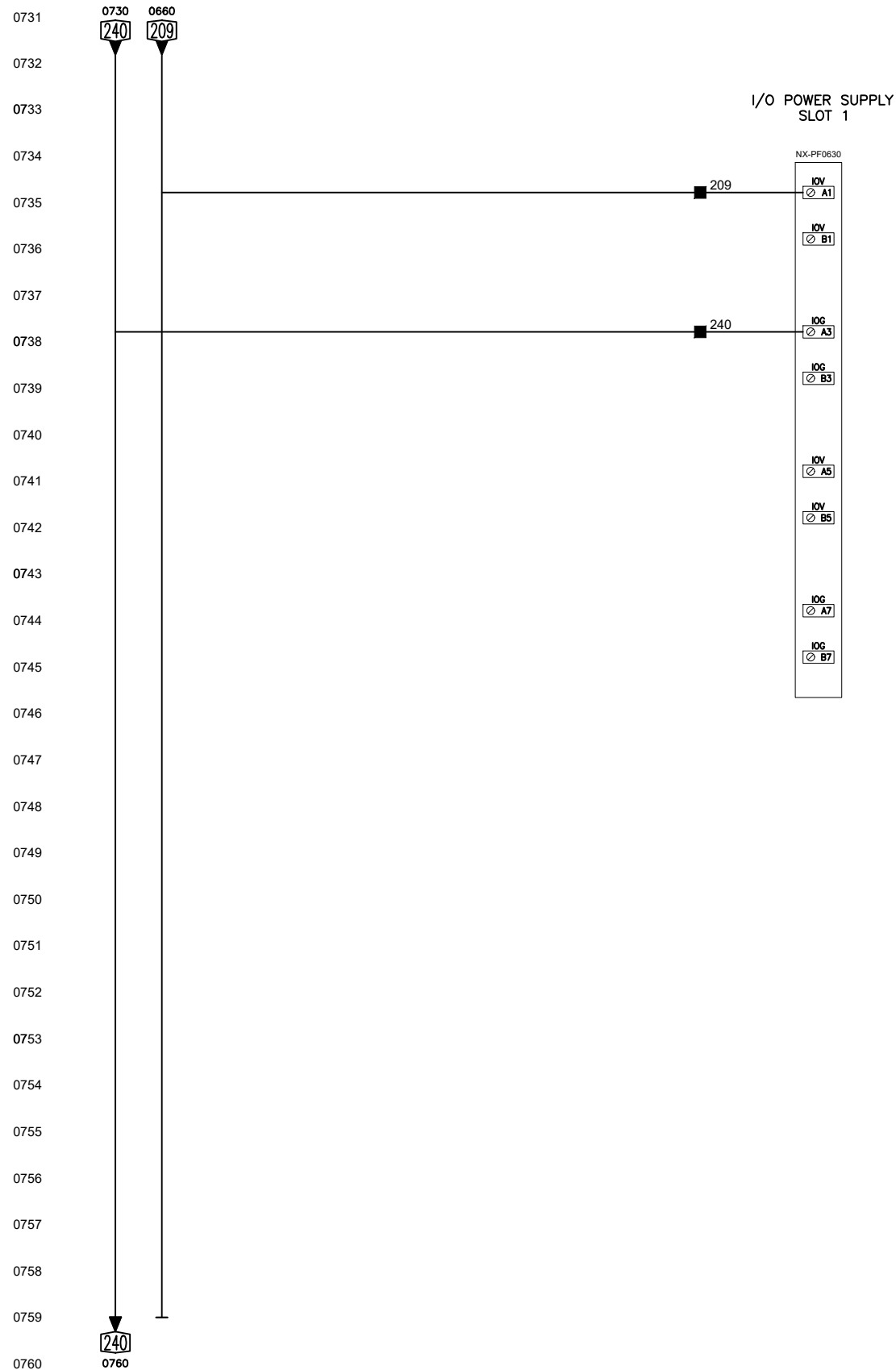
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JOB_GFS 21500 GPD TW-RO/DI
SHEET NO. 6 OF 10
CALCULATED BY JB DATE 8/14/2020
REVISED BY DATE
DESCRIPTION 24VDC CPU POWER – 24VDC CONTROL POWER I/O



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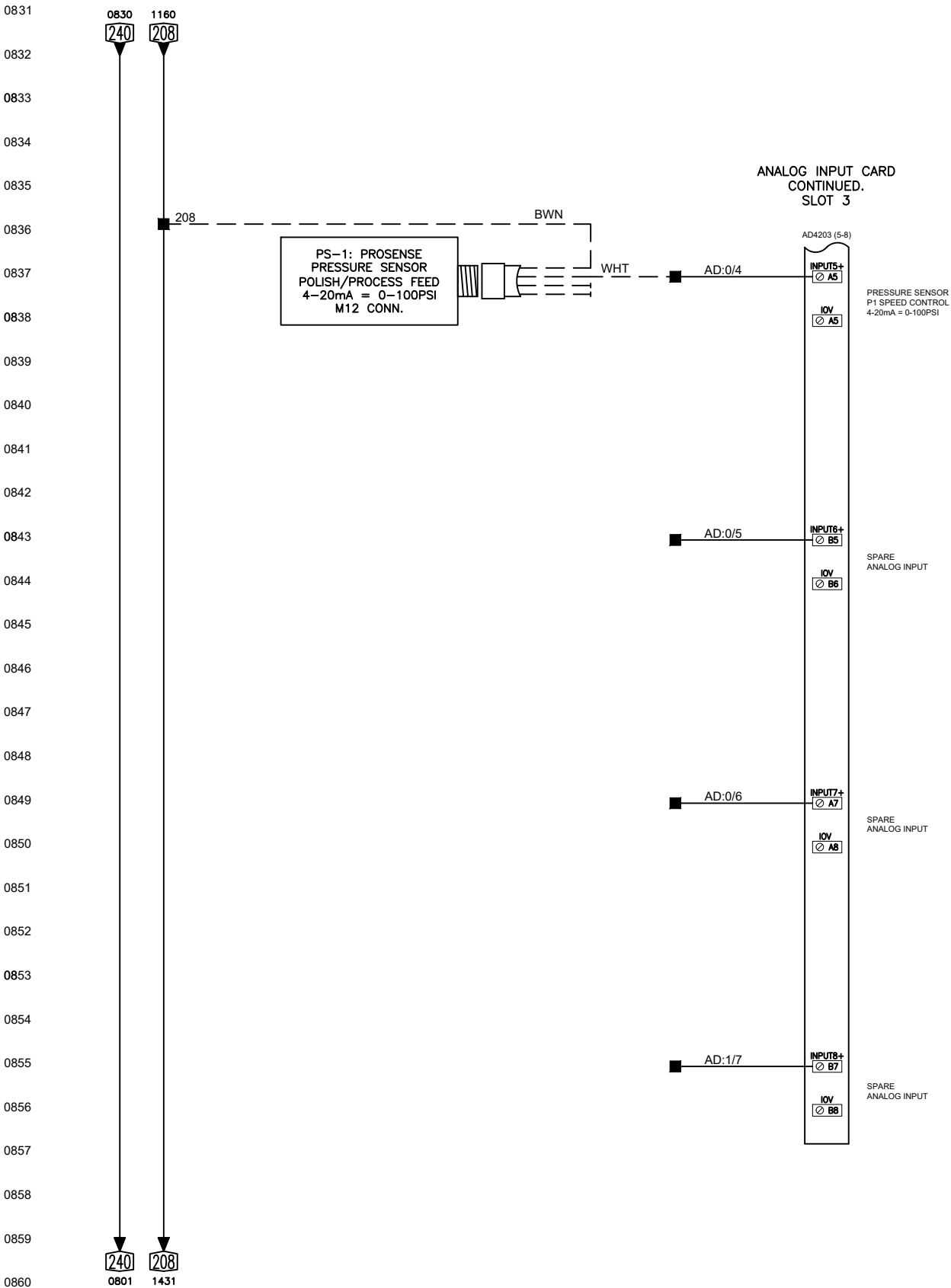
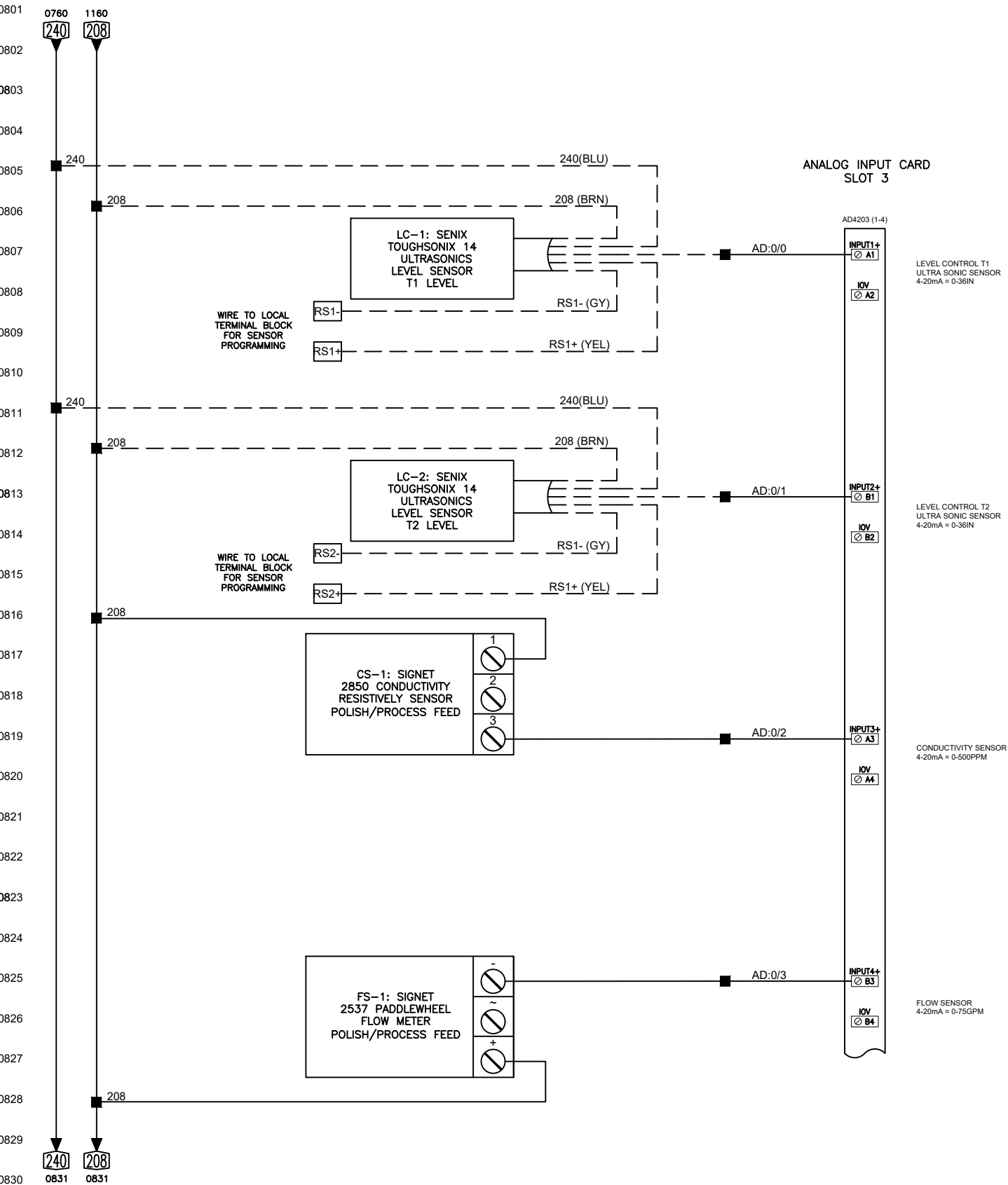
DESCRIPTION	24VDC CONTROL POWER I/O
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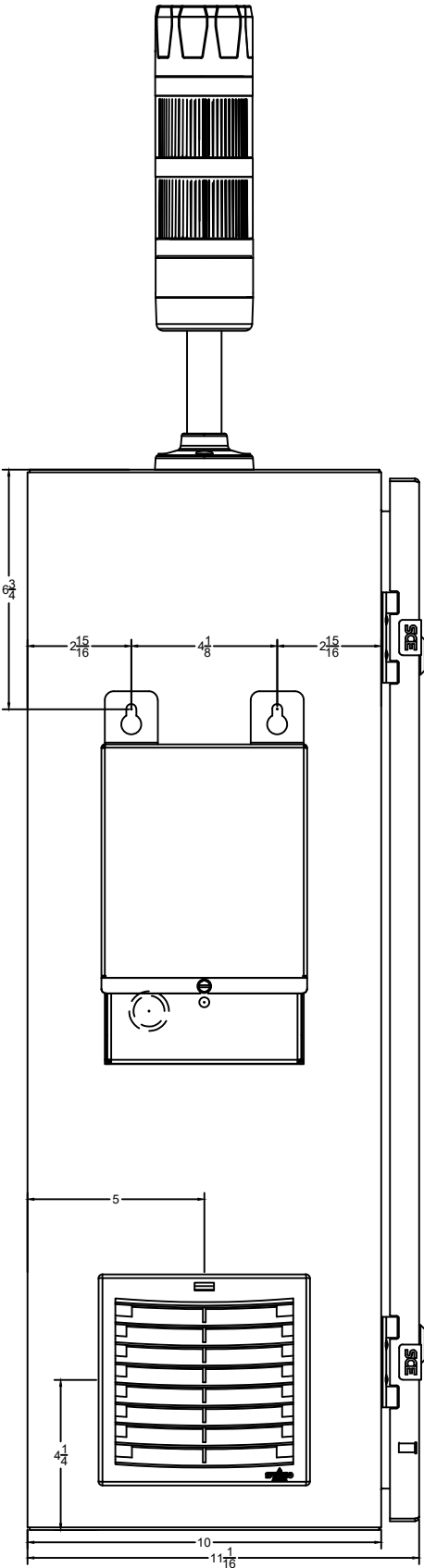
JOB_GFS_21500_GPD_TW-RO/DI
SHEET NO. 8 OF 10
CALCULATED BY JB DATE 8/14/2020
REVISED BY DATE
DESCRIPTION 24VDC CONTROL POWER I/O



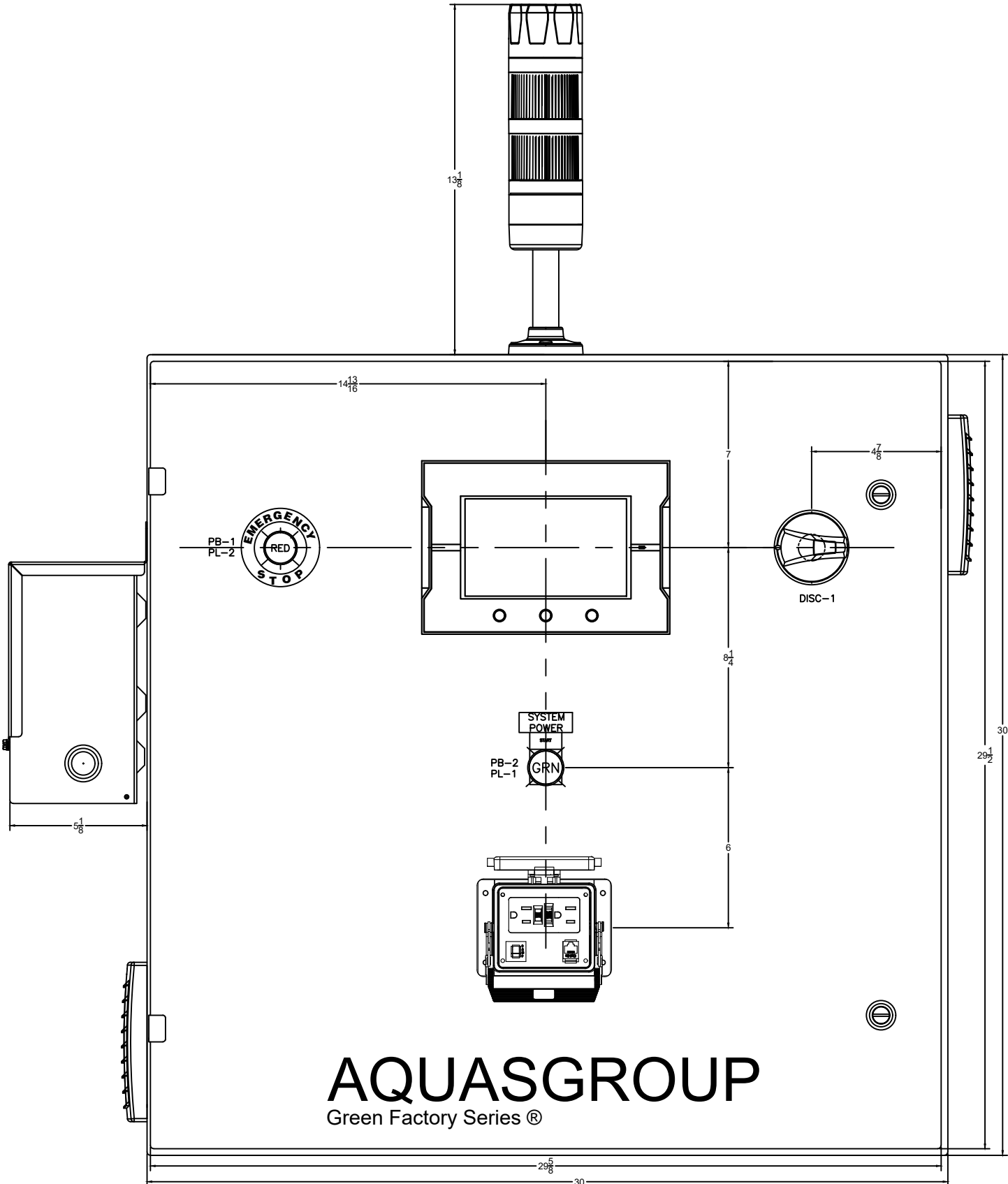
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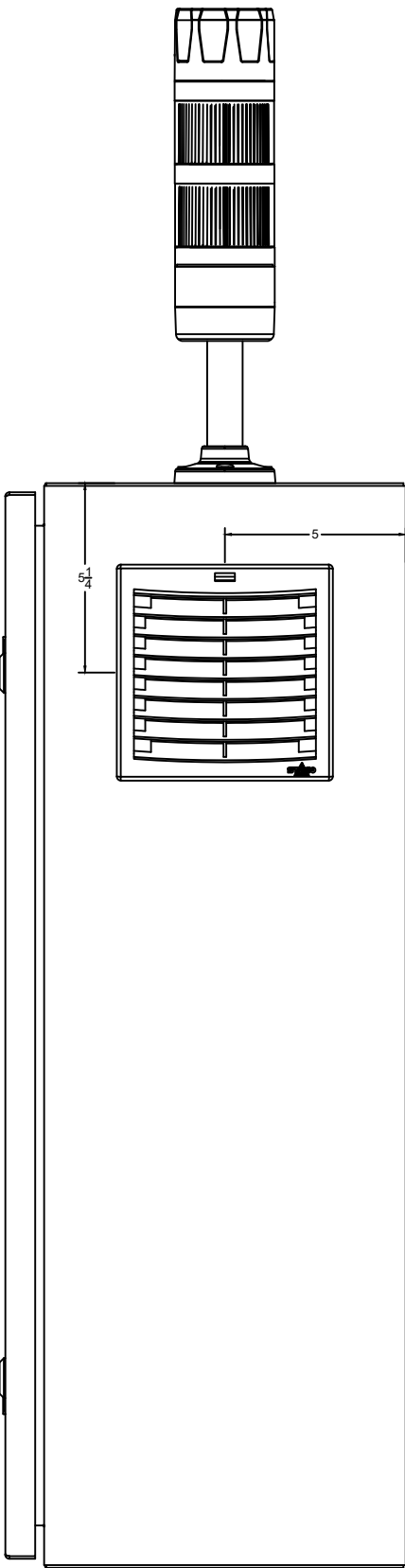
JOB_GFS_21500_GPD_TW-RO/DI		
SHEET NO.	9	OF 10
CALCULATED BY	JB	DATE 8/14/2020
REVISED BY		DATE
DESCRIPTION	CONTROL PANEL: ENCLOSURE	



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

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SHEET NO. 10 OF 10
CALCULATED BY JB DATE 8/14/2020
REVISED BY DATE
DESCRIPTION CONTROL PANEL : BACK PANEL

