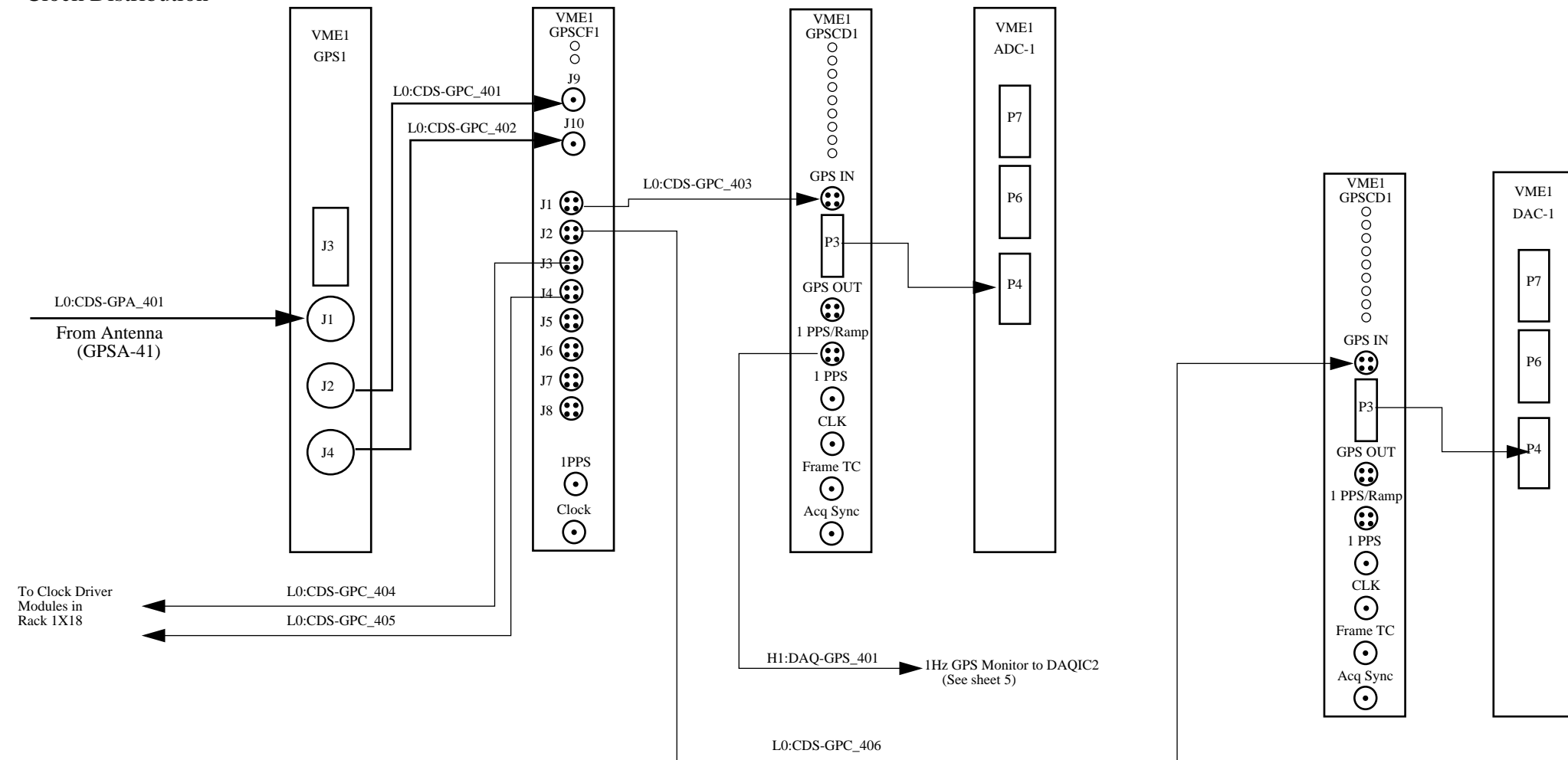
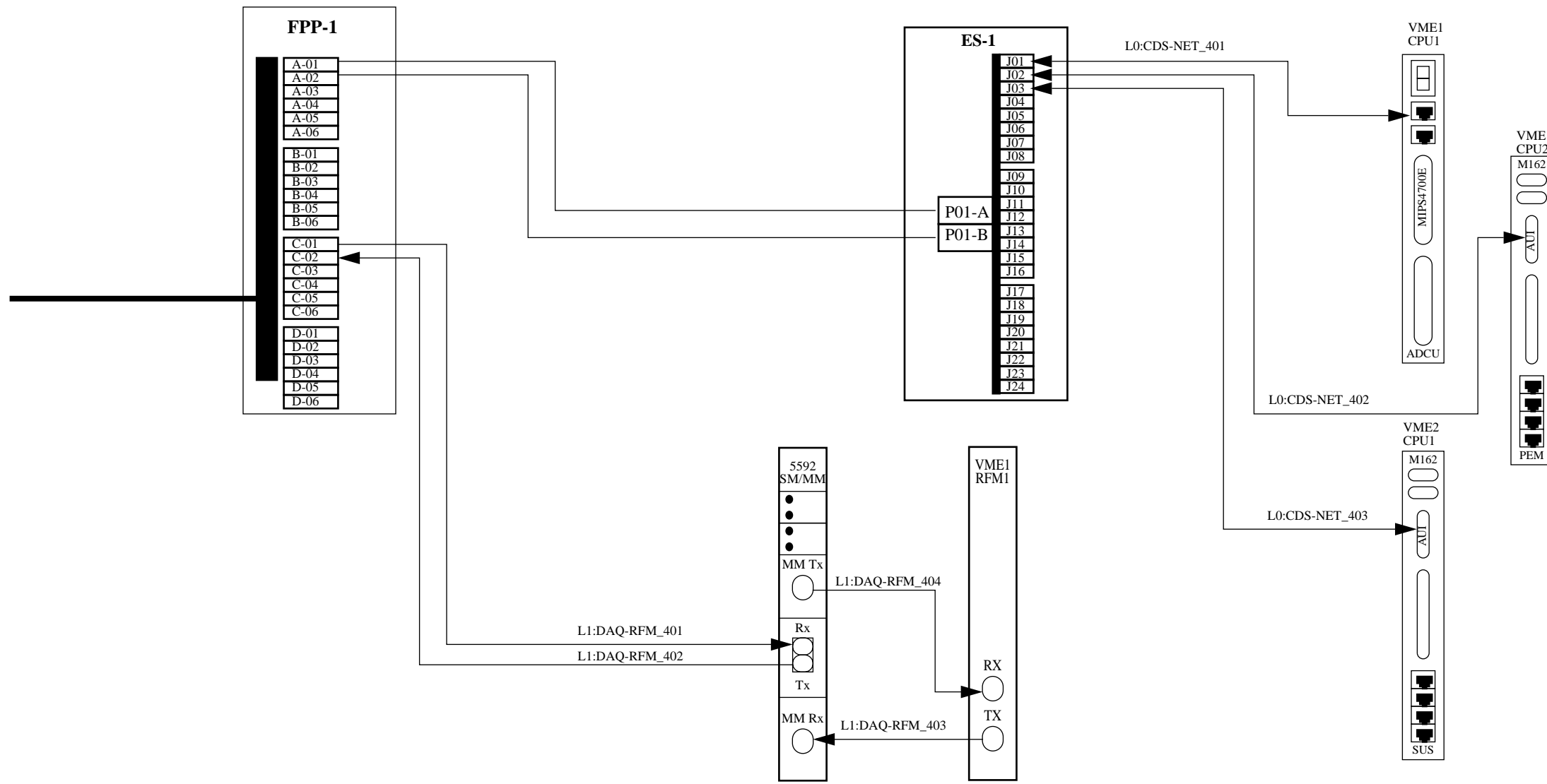




### Clock Distribution

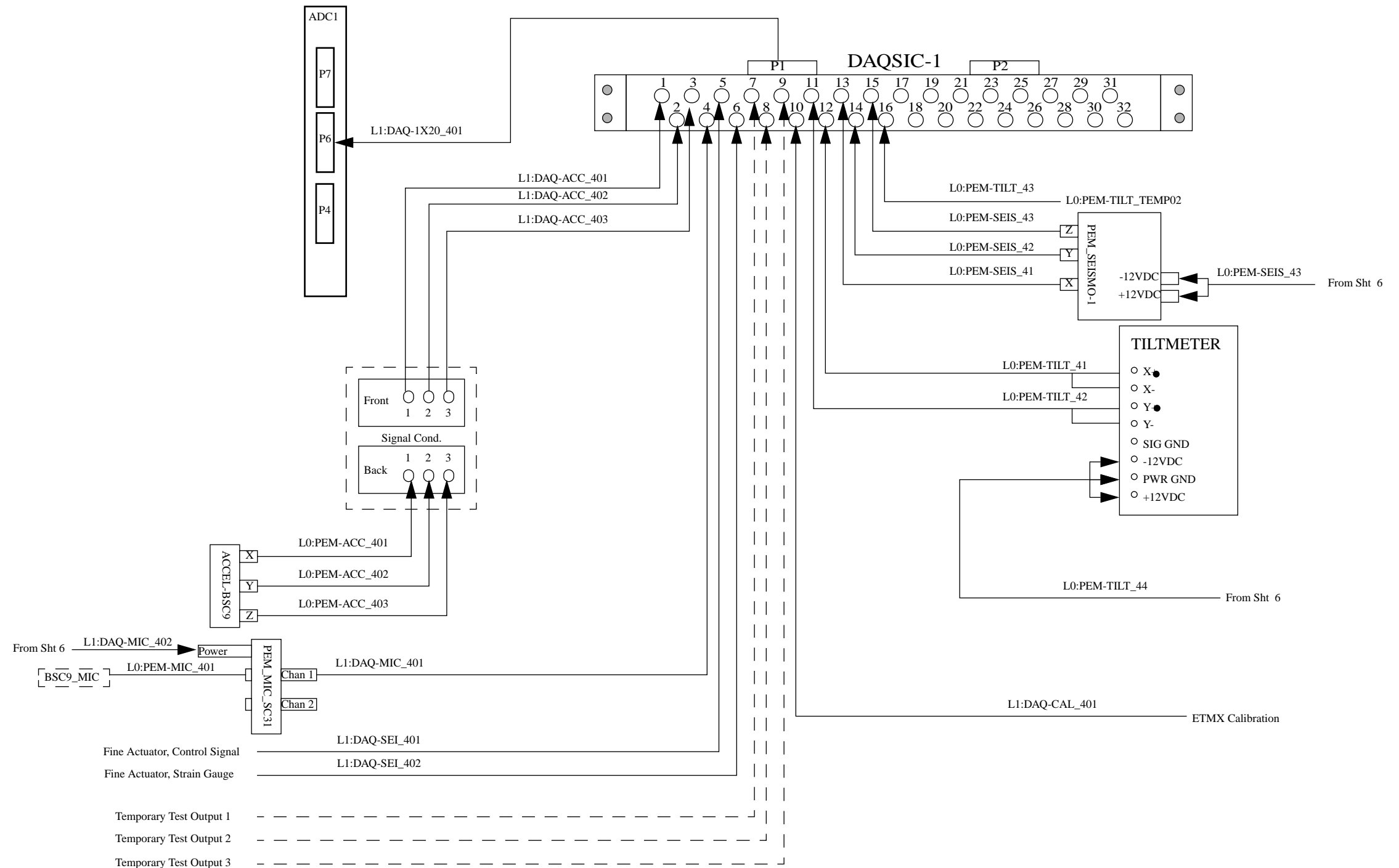


				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR MATCH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN OUT, REMOVE ALL BURRS				CURRENT REVISION APPROVAL				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY											
				DO NOT SCALE THIS DRAWING				DRAWN: R. Bork CHECKED: R. Bork				Livingston CDS Rack Layout - 1X20 Timing System Connections											
DWG. NO.				DESCRIPTION				REV				SCALE											
REFERENCE DRAWINGS				USED ON:				SHEETS EFFECTED				DATE											
NEXT ASS'Y:				ISSUE DESCRIPTION				DATE				SCALE											
6				5				4				3				2				1			
												DATE: 4/26/99				D990183-00-C							
																SHEET 2 of 6							
																VER: 01							



				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR MATCH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN OUT, REMOVE ALL BURRS		CURRENT REVISION APPROVAL				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
				DO NOT SCALE THIS DRAWING		DRAWN R. Bork		GROUP		SIGNATURE		DATE 4/21/99	
				USED ON:		CHECKED						Livingston CDS Rack Layout - 1X20 CDS & DAQS Networking Connections	
REFERENCE DRAWINGS				NEXT ASS'Y:		SHEETS EFFECTED		DATE		SCALE		SIZE DWG. NO. B D990183-00-C	
6				5		3		2		1		REV. 3 of 6 STD VER. 01	

Chan	Name	Rate
00	L0:PEM-BSC9_ACCX	2048
01	L0:PEM-BSC9_ACCY	2048
02	L0:PEM-BSC9_ACCZ	2048
03	L0:PEM-BSC9_MIC	2048
04	L1:SEI-BSC9_FINE1	256
05	L1:SEI-BSC9_FINE2	256
06	L0:GDS-MX_TO1	16384
07	L0:GDS-MX_TO2	2048
08	L0:GDS-MX_TO3	2048
09	L1:LSC-ETMX_CAL	16384
10	L0:PEM-MX_TILTX	256
11	L0:PEM-MX_TILTY	256
12	L0:PEM-MX_SEISX	256
13	L0:PEM-MX_SEISY	256
14	L0:PEM-MX_SEISZ	256
15	L0:PEM-MX_TEMP2	16
16	L1:-SUS-BSC9_SENSOR_SIDE	256
17		
18	L1:SUS-BSC9_COIL_UL	2048
19	L1:SUS-BSC9_COIL_LL	2048
20	L1:-SUS-BSC9_COIL_UR	2048
21	L1:-SUS-BSC9_COIL_LR	2048
22	L1:-SUS-BSC9_COIL_SIDE	2048
23	L1:-SUS-BSC9_COIL_SUM	16384
24	L1:SUS-BSC9_SENSOR_UL	256
25	L1:SUS-BSC9_SENSOR_LL	256
26	L1:-SUS-BSC9_SENSOR_UR	256
27	L1:-SUS-BSC9_SENSOR_LR	256
28		
29		
30	L1:GDS-MX_RAMP3	16384
31	L1:GDS-MX_TRIG4	16384
	<b>TOTAL (BYTES/SEC)</b>	<b>215056</b>



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR/ARCH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS ON REMOVE ALL BURRS		CURRENT REVISION APPROVAL		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
DO NOT SCALE THIS DRAWING	REV	DESCRIPTION	SHEETS EFFECTED	DATE	Livingston CDS Rack Layout - 1X20 DAQIC-1 Connections
USED ON:					SCALE
NEXT ASS'Y:					SIZE DWG. NO. B D990183-00-C
REFERENCE DRAWINGS					CAD FILE
					SCALE
					SHEET 4 of 6
					STD
					REV. 01

6

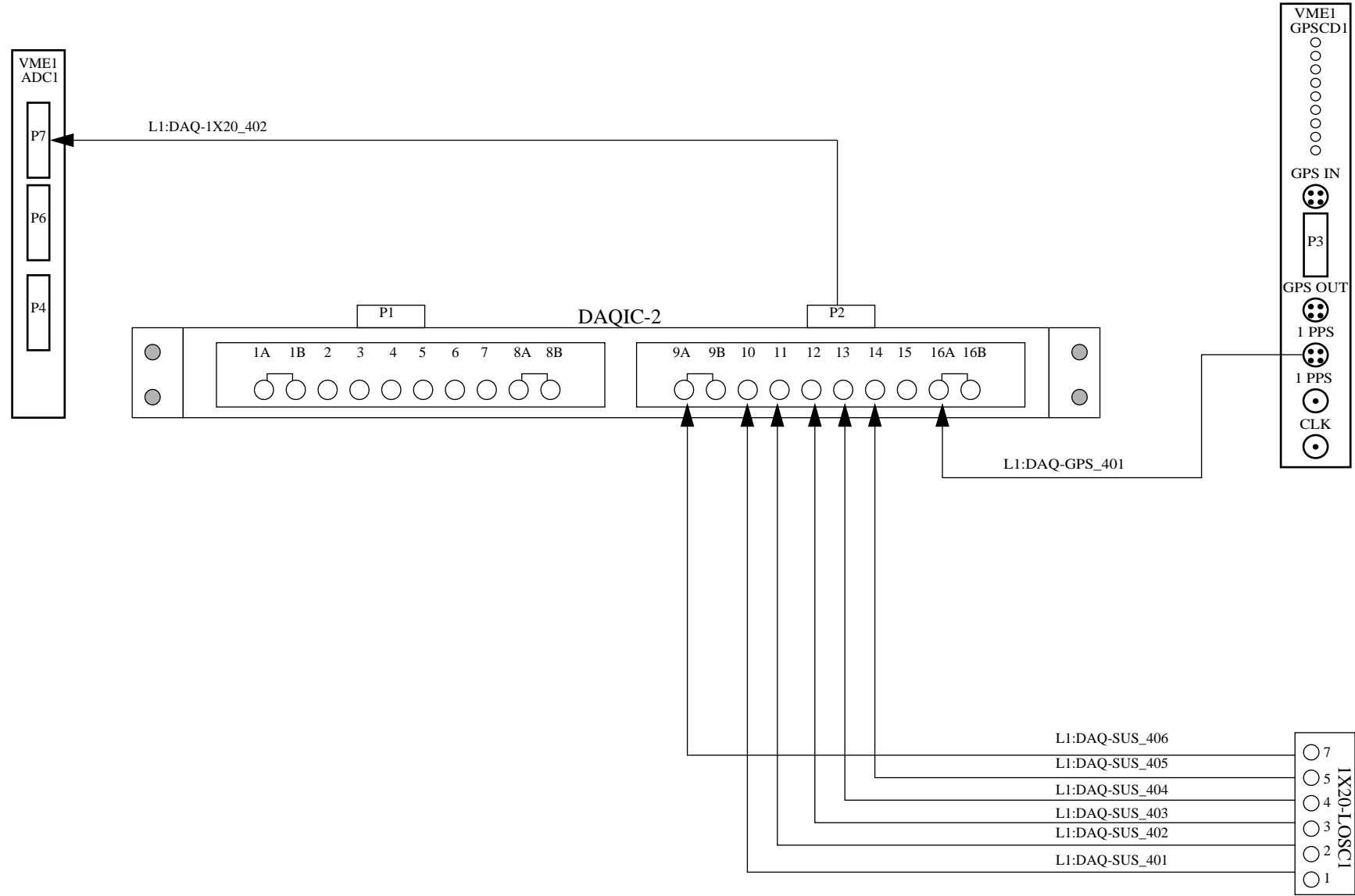
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4

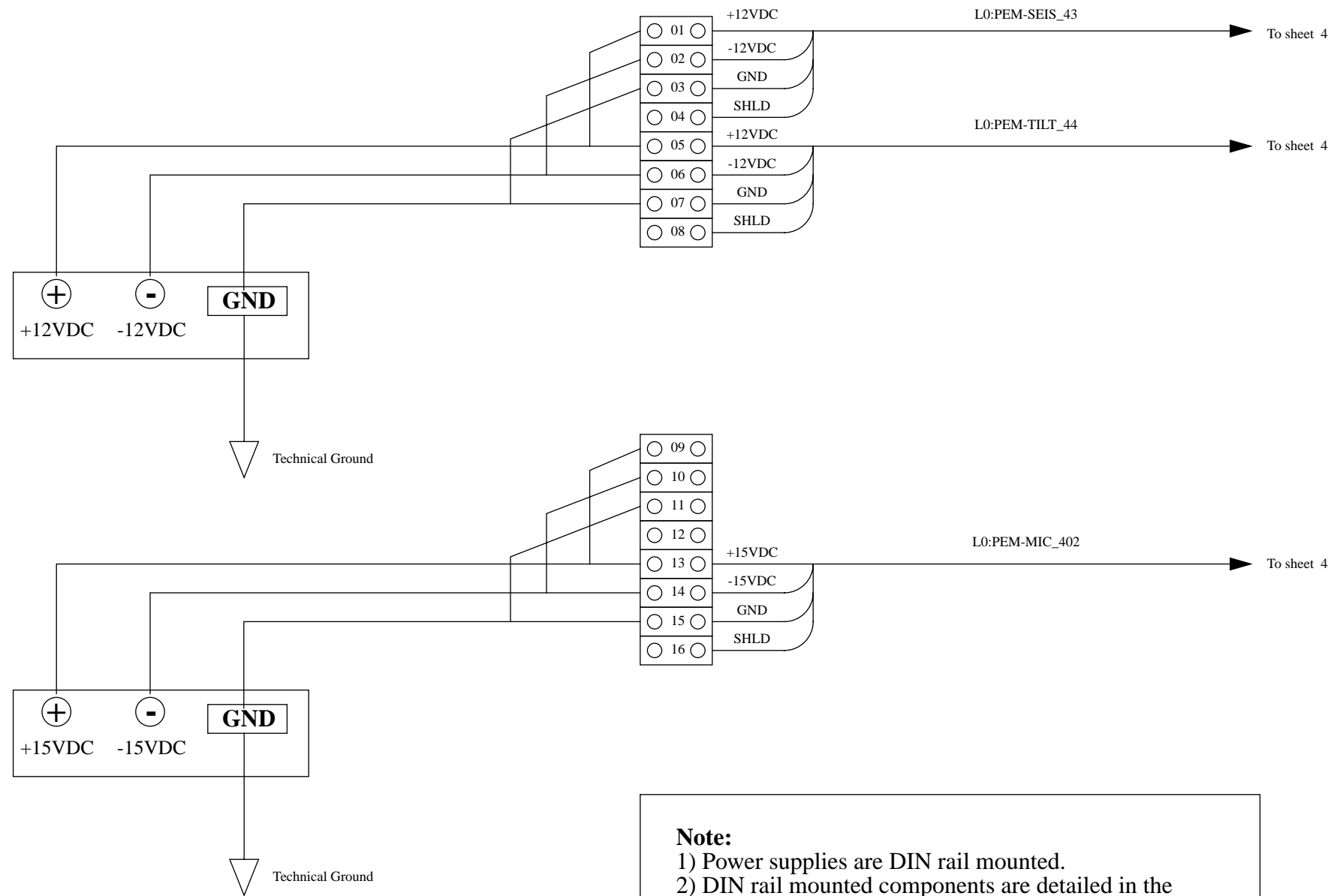
3

2

1



				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR RACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN OUT, REMOVE ALL BURRS		CURRENT REVISION APPROVAL				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
				DO NOT SCALE THIS DRAWING		DRAWN R. Bork		GROUP		SIGNATURE		DATE 4/21/99	
				USED ON:		CHECKED							
REFERENCE DRAWINGS				NEXT ASS'Y:		REV		DESCRIPTION		SHEETS EFFECTED		DATE	
6				5		4		3		2		1	
DWG. NO.				DESCRIPTION		DWG. NO.		DESCRIPTION		SCALE		SIZE B	
										D990183-00-C		REV.	
										SHEET 5 of 6		STD VER. 01	



**Note:**  
 1) Power supplies are DIN rail mounted.  
 2) DIN rail mounted components are detailed in the rack 1X20 suspension control drawing (D-99xxxxx).

				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR RACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN OUT, REMOVE ALL BURRS				CURRENT REVISION APPROVAL				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
				DO NOT SCALE THIS DRAWING				DRAWN: R. Bork CHECKED:				SIGNATURE: _____ DATE: 9/24/99			
DWG. NO.				DESCRIPTION				REV				SCALE			
REFERENCE DRAWINGS				USED ON:				SHEETS EFFECTED				SIZE DWG. NO. B D9901831X20-00-C			
NEXT ASS'Y:				ISSUE DESCRIPTION				DATE				SHEET 6 of 6 STD VER. 01			