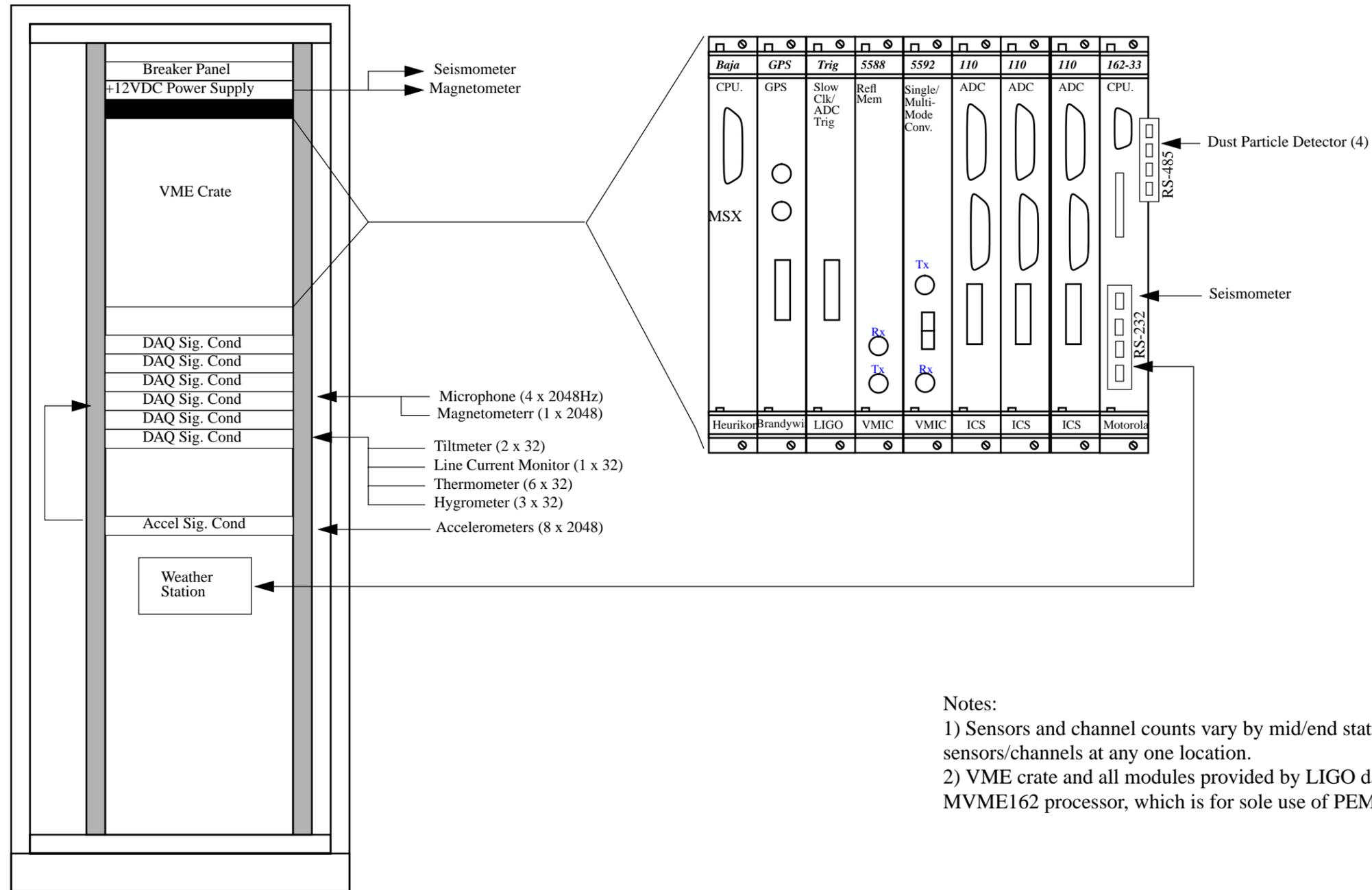


Notes:

- 1) Motorola MVME162 processor (shown upper left) will be installed into a TBD VME crate in the mass storage room. It will stand alone in that it will only use the VME crate for power, its data interface being through a CDS network connection.
- 2) The VME crate in rack 1X10 is to be one Data Collection Unit (DCU) of the LIGO data acquisition system, dedicated to PEM sensors. Spare channels (not shown) will be provided for connection of PEM cart instruments.
- 3) Info in parenthesis next to each sensor connection are (channel count x sample rate in Hz)

				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR ± 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: CDS				SIGNATURE: DATE: 10/3/97			
				REV				SHEETS EFFECTED				SCALE: Not to Scale			
DWG. NO.				DESCRIPTION				DATE				SHEET 1 of 2			
REFERENCE DRAWINGS				NEXT ASS'Y:				ISSUE DESCRIPTION				D970532-00-C			
6				5				4				3			
												REV 0			



- Notes:
- 1) Sensors and channel counts vary by mid/end station location. Shown is maximum sensors/channels at any one location.
 - 2) VME crate and all modules provided by LIGO data acquisition system, less the MVME162 processor, which is for sole use of PEM.

				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR/MASS ± 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: CDS			
				USED ON:				CHECKED:				SIGNATURE:			
				NEXT ASS'Y:				DATE: 10/3/97				DATE: 10/3/97			
DWG. NO.				DESCRIPTION				SHEETS EFFECTED				SCALE: Not to Scale			
REFERENCE DRAWINGS				ISSUE DESCRIPTION				DATE				DRAWING NO: D970532-00-C			
6				5				4				3			
												SHEET 2 of 2			
												REV: 0			
												VER: 01			