

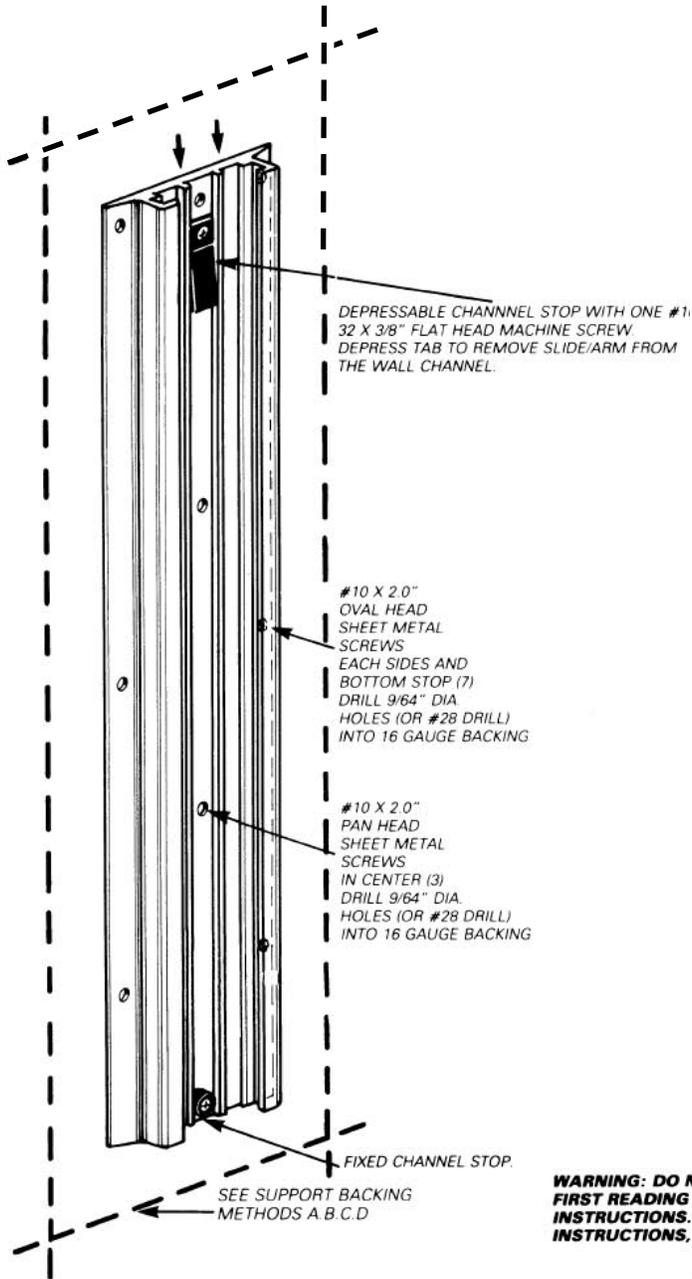
## PolyMount<sup>®</sup> WALL CHANNEL INSTALLATION INSTRUCTIONS FOR 5/8" GYPSUM BOARD TO COMPLY WITH CALIFORNIA SEISMIC REQUIREMENTS FOR WALL-MOUNTED INSTRUMENTATION. REFER TO CALIFORNIA OSHPD ANCHORAGE PRE-APPROVAL NUMBER OPA-0079-07.



**WARNING: INSTALLATION MUST BE PERFORMED BY QUALIFIED PERSONNEL. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY.**

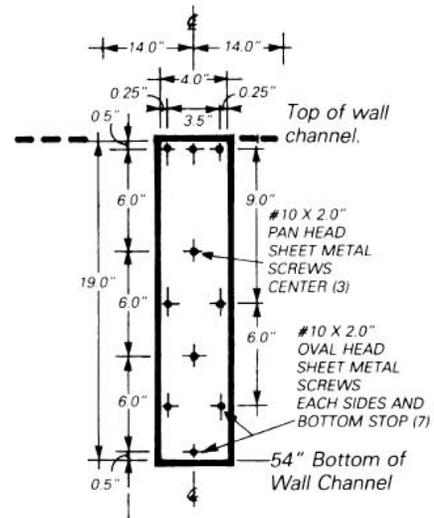
THE MAXIMUM LOAD RATINGS FOR THIS SYSTEM ARE AS FOLLOWS:

- OSHPD PRE-APPROVAL REQUIRED: M-Series arms 60lbs [27 kg], VHM arms 40lbs [18 kg] MAX LOAD RATING
- OSHPD PRE-APPROVAL NOT REQUIRED: 80 lbs [36 Kg] MAX LOAD RATING



### PLACEMENT RECOMMENDATIONS

Refer to "LOCATING THE WALL CHANNEL" in the written installation instructions



**WARNING: DO NOT INSTALL THIS CHANNEL WITHOUT FIRST READING THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IF YOU DO NOT FOLLOW THESE INSTRUCTIONS, SERIOUS INJURY MAY RESULT.**

## **INSTRUCTIONS AND THE ILLUSTRATIONS COVERING THE SPECIFIC INSTRUMENT TO BE MOUNTED SHOULD BE REVIEWED PRIOR TO INSTALLATION OF THE WALL CHANNEL.**

It shall be the responsibility of the hospital, its consultants and/or contractors to determine that the wall is adequate to safely mount instrumentation. This includes the selection of appropriate fasteners and the proper installation of the same. In new construction and remodeling work where the wall covering can be entirely or partly removed, a 16 gauge steel stud should be located for the purpose of attaching the wall channel. The following is provided as guideline information only.

The four anchorage methods illustrated (pages 3 – 4) represent load tests made to comply with California OSHPD and 2007 CBC requirements for the anchorage and installation of instrument support systems. Load tests were performed on a 10 ft. high wall using methods A, B, C, and D. Compliance with these written instructions is required for the installation of the system.

### **LOCATING THE WALL CHANNEL**

Generally, the bottom edge of a 19 inch (48.26 CM) Wall Channel is placed 56 inches (142.24 CM) above the floor, plus or minus 4 inches. Devices may require lower channel placement. The bottom of the device will be 4-1/2 inches (10.16 CM) above the bottom of the channel (6-1/2 inches (16.51 CM) when using 15 inch (38.10 CM) support arm with a diagonal brace) with the Arm at its lowest position. Access to device controls should be considered before mounting the wall channel.

Allow clearance on either side of the channel centerline to clear objects such as over-bed lighting, privacy curtains, adjacent walls or columns, door swing arcs, etc. Power and signal outlets should be considered when selecting a channel location. Avoid oxygen, vacuum and air outlets and space for attendant flow meters and regulators. Do not place any portion of the device over a patient bed.

### **INSTALLING THE WALL CHANNEL**

See anchorage methods A, B, C, or D. Method A is preferred as it uses readily available, standard components and allows for electrical outlets and piped services.

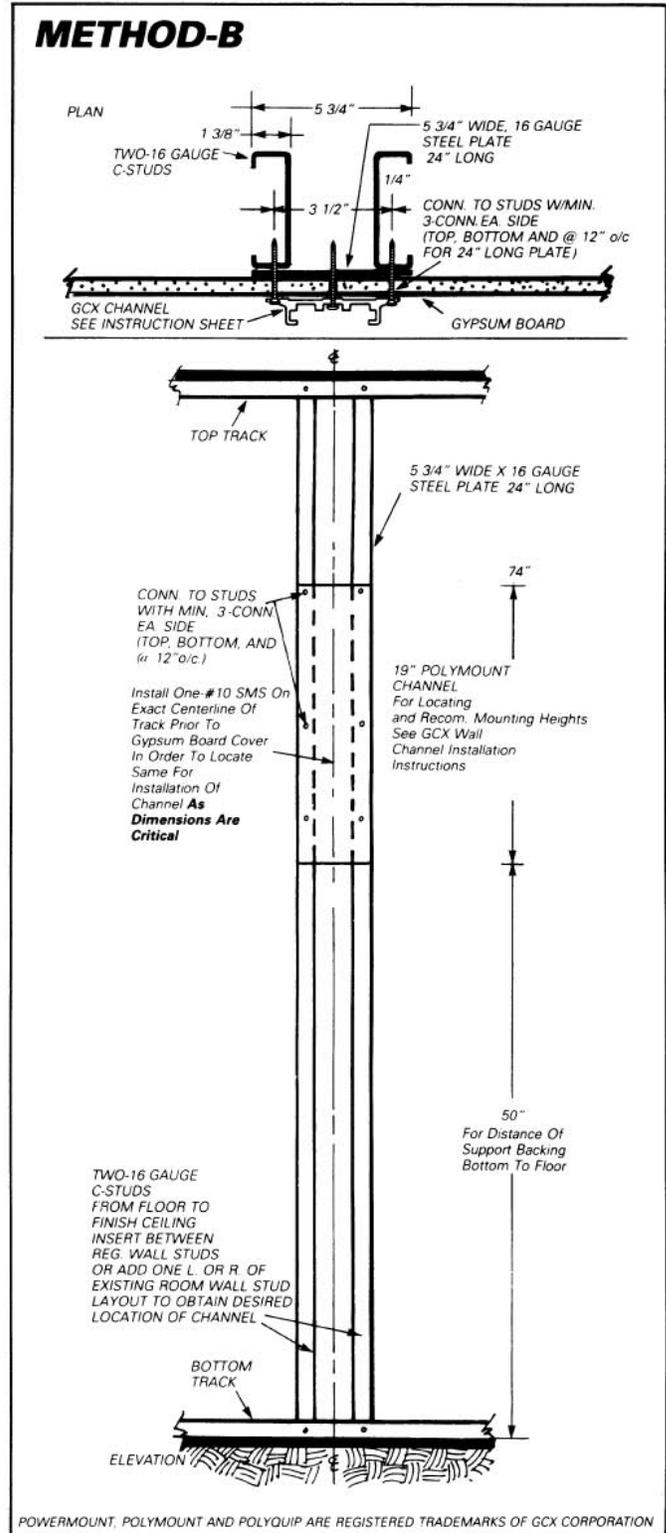
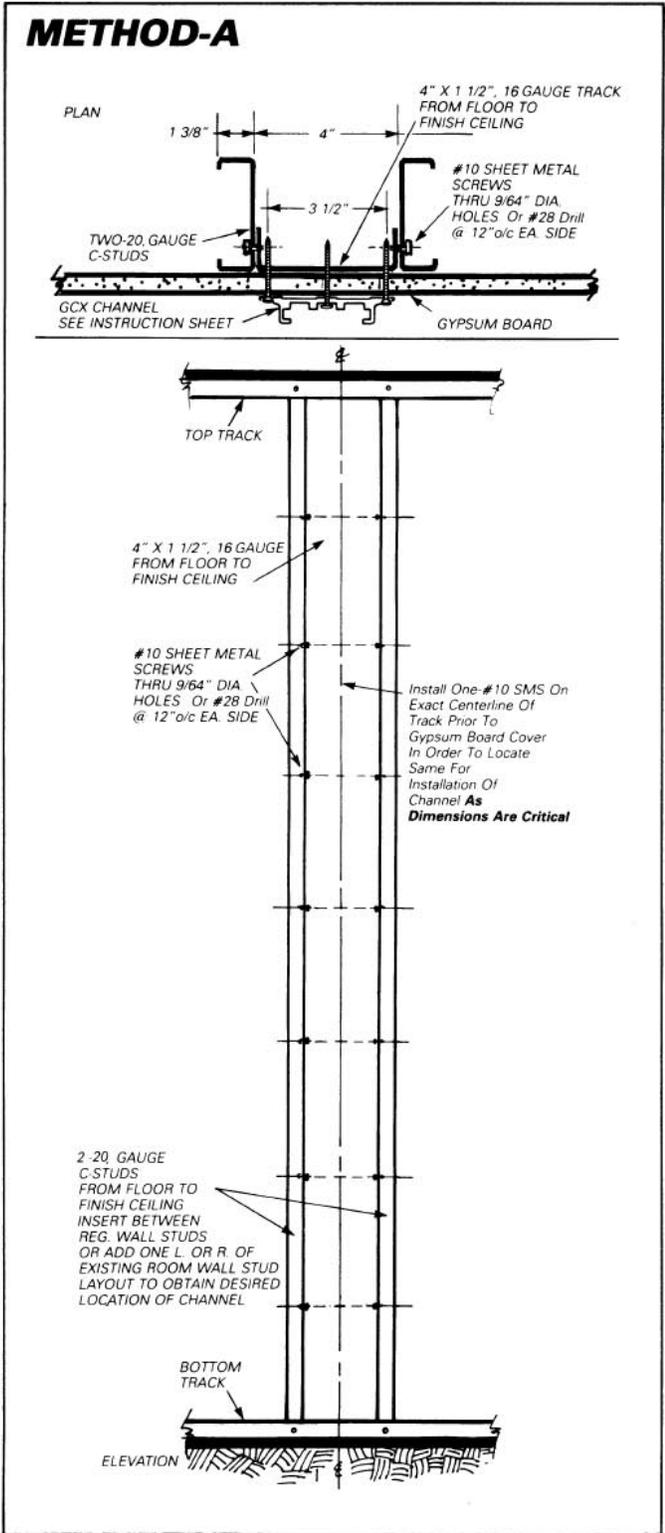
The centerlines of methods A, B, and C are critical and should be marked by the installation of a #10 sheet metal screw prior to wall cover. The 4" wide channel will cover the disruption of the gypsum board caused by the removal of this screw.

Drill all screw holes in the 16-gauge anchorage using a 9/64" diameter twist drill bit for the #10 x 2" type "A" sheet metal screws supplied. Do not substitute screws.

Install the top, centerline screw first. Level the channel and mark for the remaining 9 screws. The three (3) pan head screws are used in the top 3 centerline holes. All others use oval head screws. Screws should be started and driven with ball handle drivers or torque limiting screw guns not exceeding 60 inch-pounds.

If there is any question regarding the installation, contact GCX Corporation Technical Services.

# METHODS OF SUPPORT BACKING

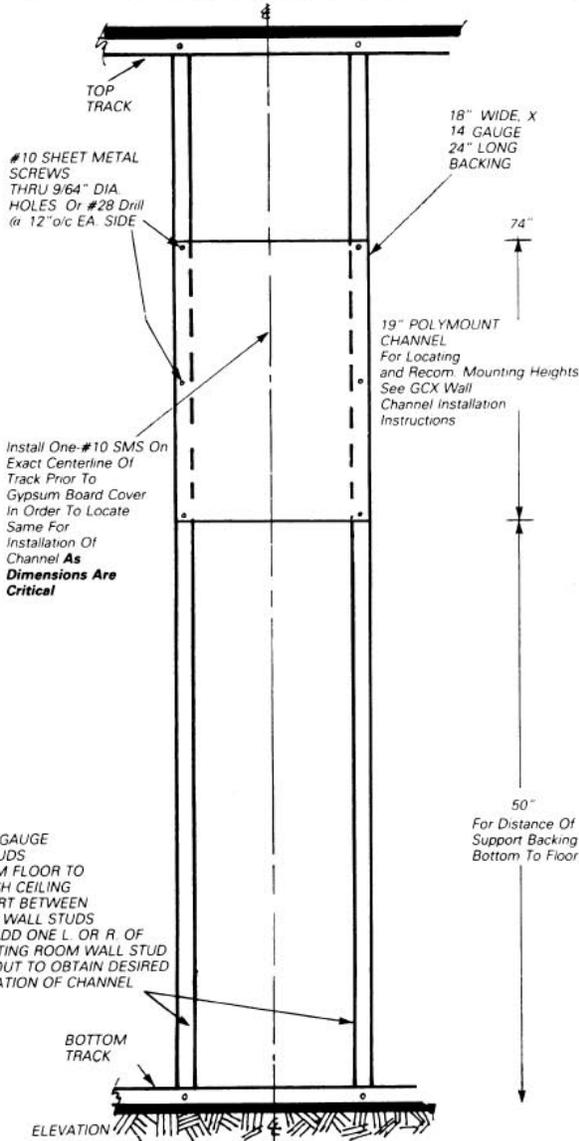
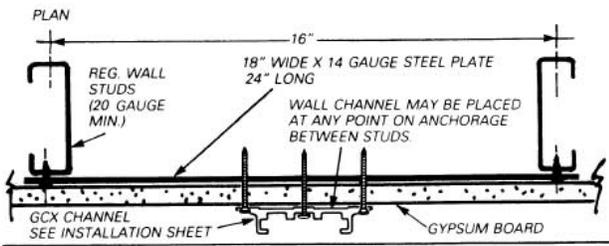


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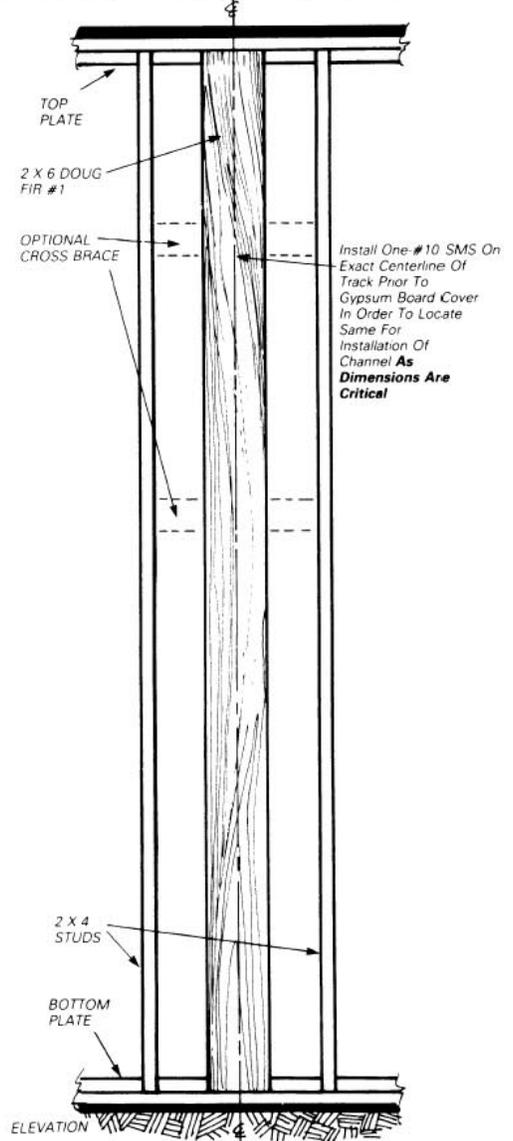
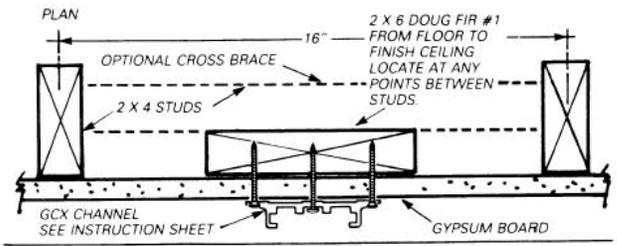
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# METHODS OF SUPPORT BACKING

## METHOD-C



## METHOD-D



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