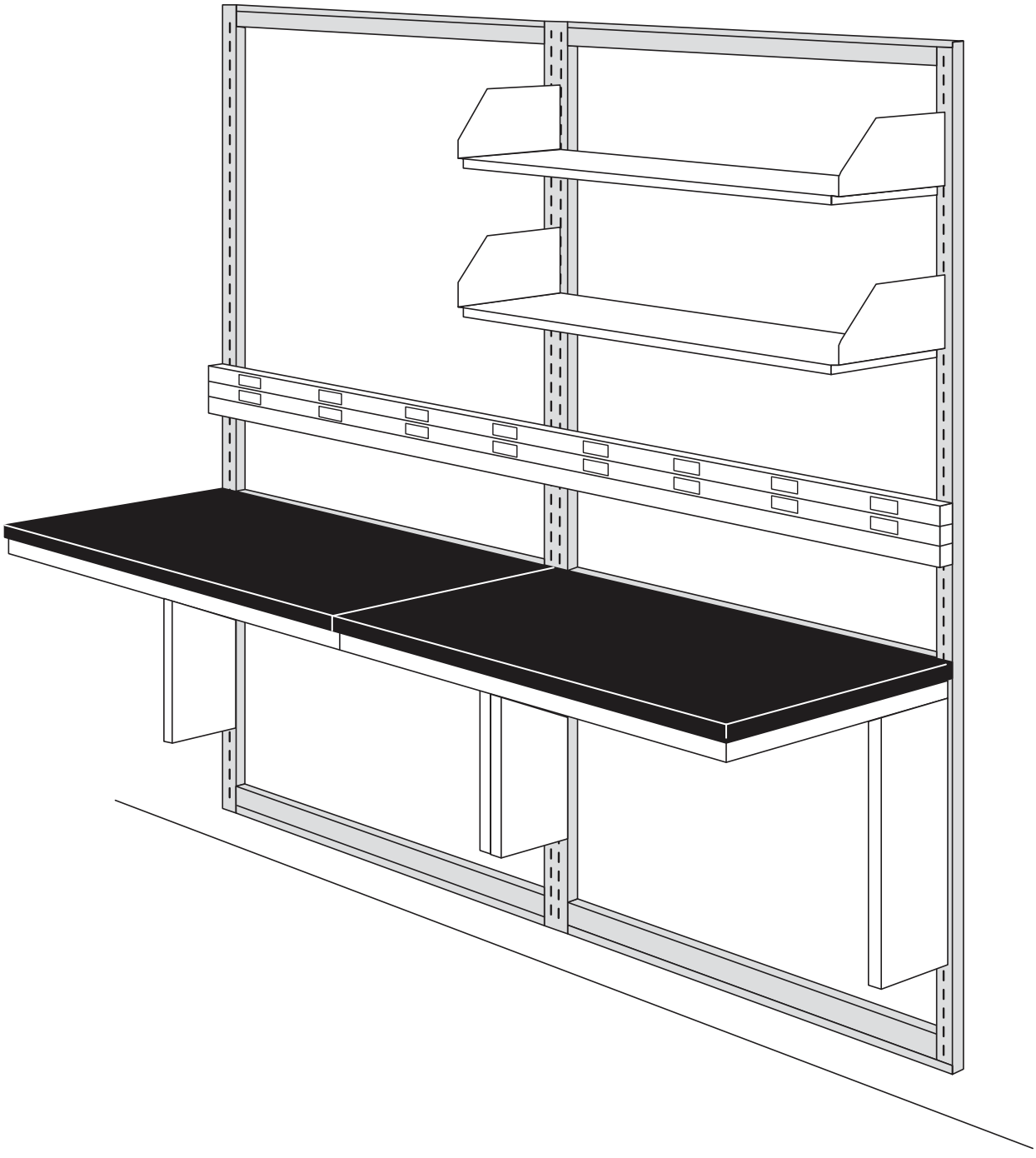
MAX/LAB WALL RAIL SYSTEM
Installation Manual



TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

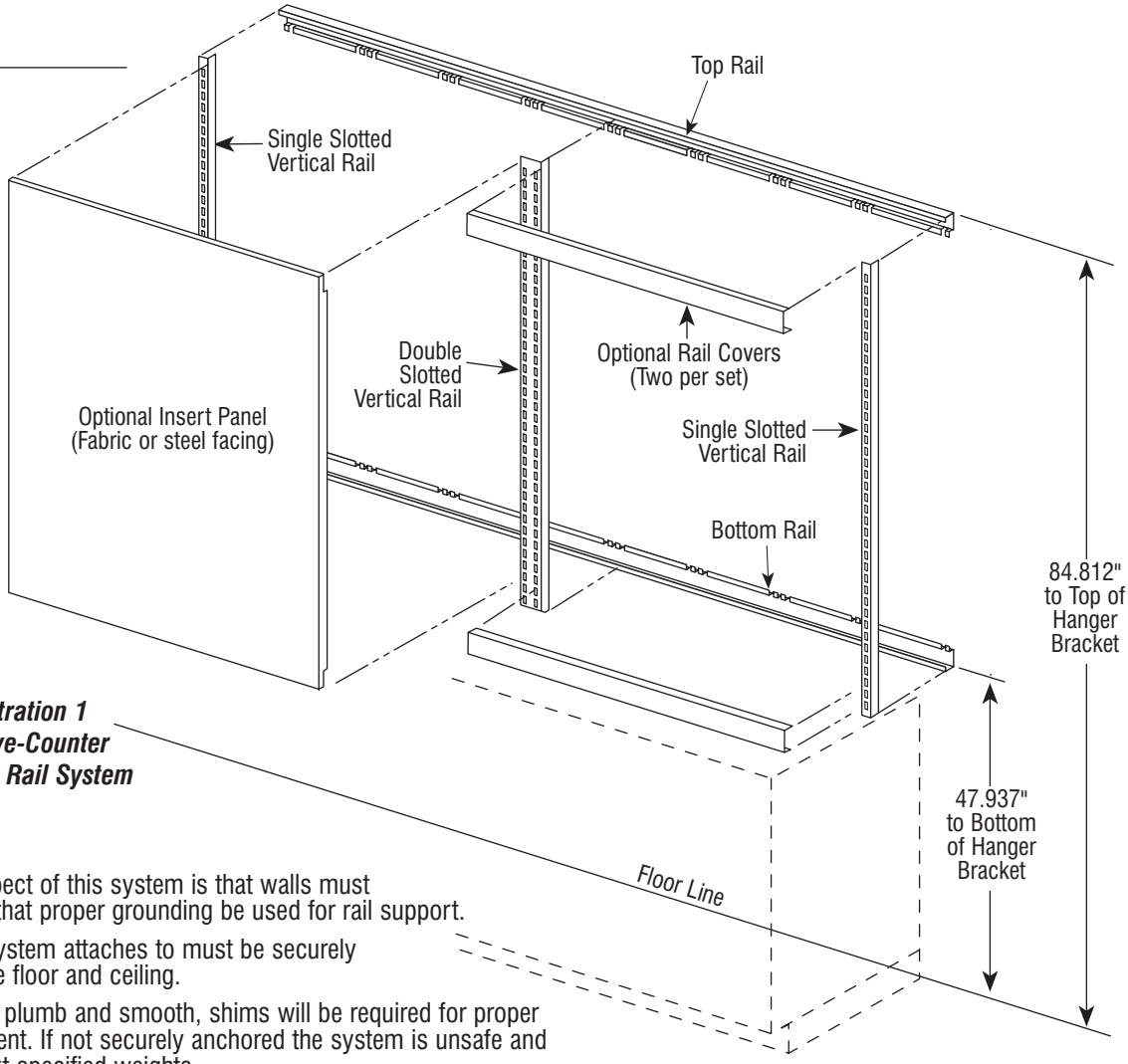


Illustration 1
Above-Counter
Wall Rail System

The most important aspect of this system is that walls must be plumb, smooth and that proper grounding be used for rail support.

Note: 1. The wall this system attaches to must be securely anchored at the floor and ceiling.

2. If walls are not plumb and smooth, shims will be required for proper system alignment. If not securely anchored the system is unsafe and can not support specified weights.

3. Mounting hardware is not provided for this system because of the variety of materials used for wall construction.

4. System requires No. 10 screws for attaching to the wall. One No. 10 screw required every 12" on our top and bottom horizontal rails. If screws are not securely anchored into the blocking add an additional screw in the same area.

- No. 10 Panhead screws are required for attaching the horizontal rails.
- No. 10 Flathead screws are required for attaching the vertical rails to the wall, and these screws will be 1" longer than the No. 10 Panhead screws.

Illustrations 1, 2, 3, & 4 are examples of typical assemblies with various options.

Illustration 5 is wall blocking details.

TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

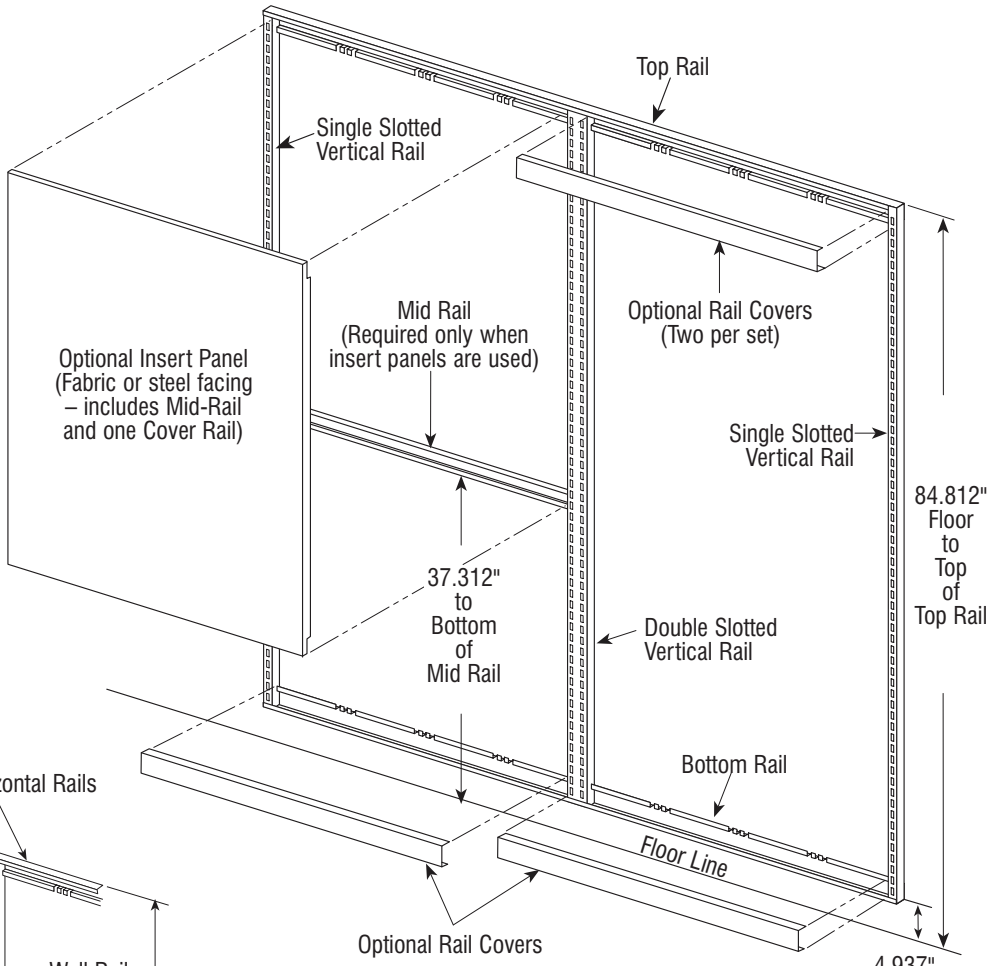


Illustration 2
Full-Height Wall Rail System

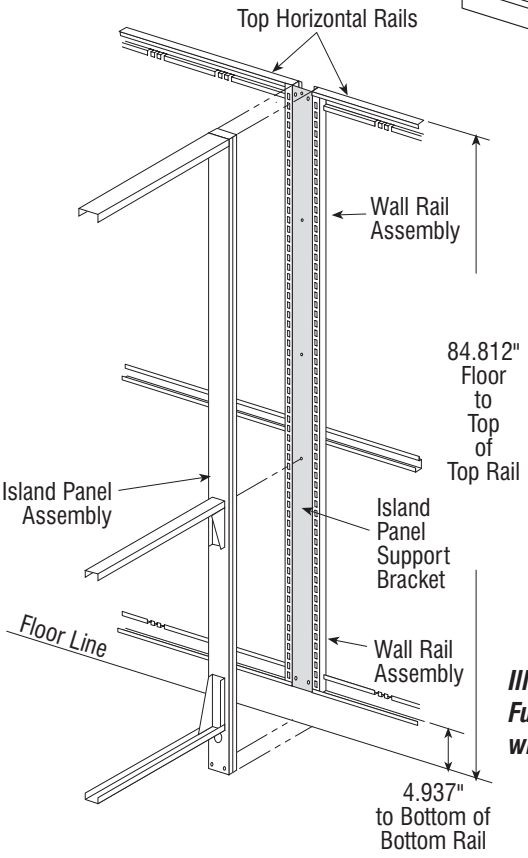


Illustration 3
Full-Height Wall Rail System with Island Panel Assembly

TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

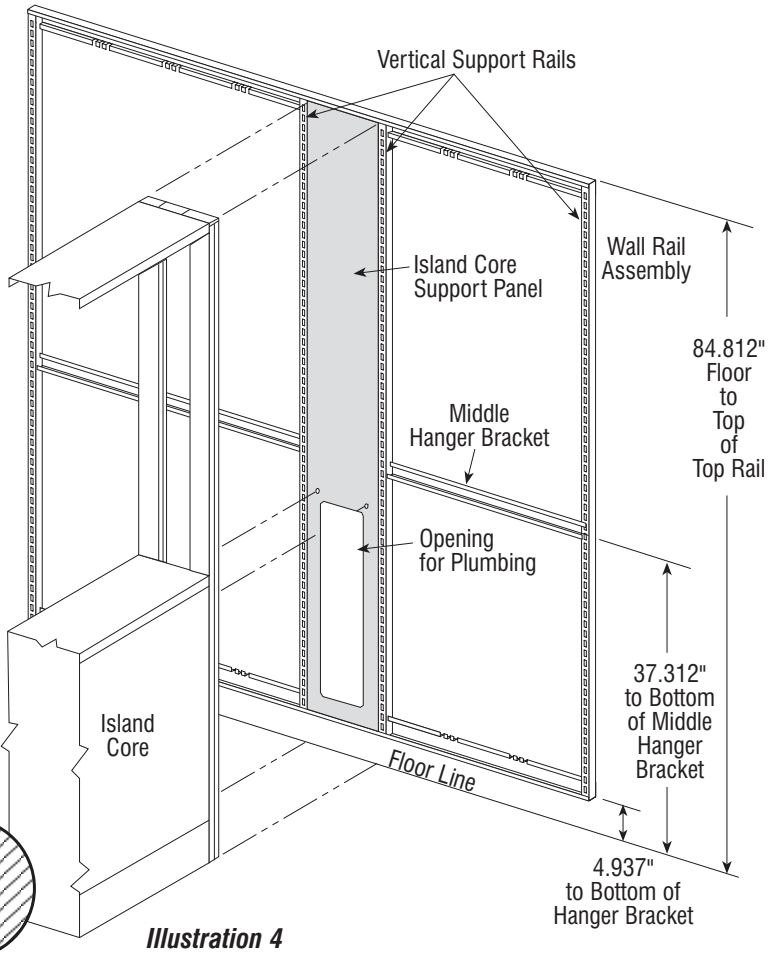


Illustration 4
Full-Height Wall Rail System with Island Core

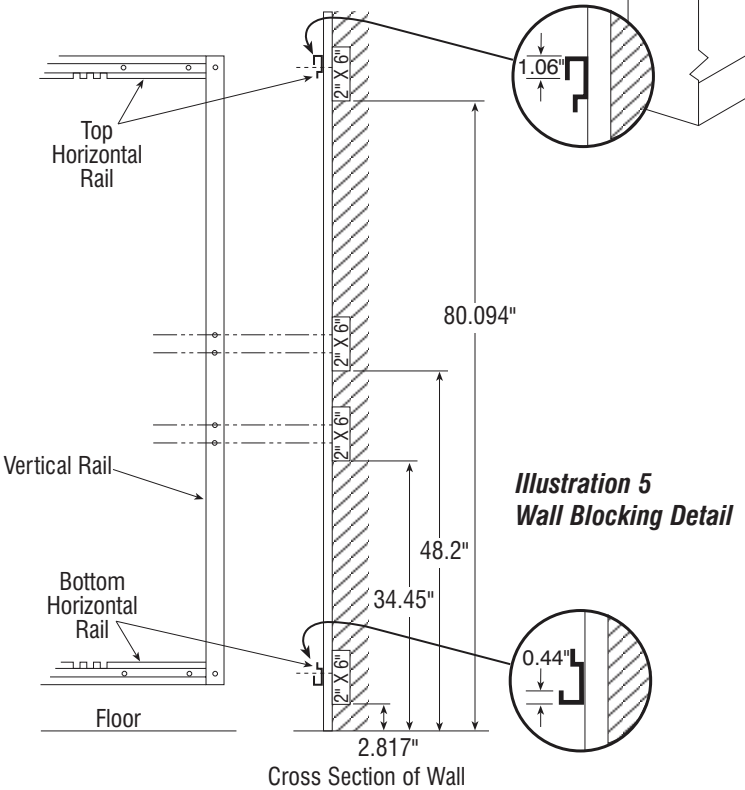


Illustration 5
Wall Blocking Detail

TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

Installing Full Height Wall Rail System

(See Page 7 for Installing Above-Counter System)

1. With a level, check the floor at the installation area for its high point. This point will control the assembly height.
2. When starting an assembly at an inside corner wall, mark a plumb line 1-1/4" from the corner that starts from the floor to a height of 85". Note: If assemblies meet at the corner and it is not plumb, control the 1-1/4" horizontal space at the 37-5/16" height to insure that the corner table can be mounted. See Illustration 8. If only one assembly is required at the corner place the top and bottom horizontal rails tight and plumb to the corner. See Illustration 7. Make this mark light enough so it can be easily removed later. If the assembly is in the middle of a room, mark a plumb line as a starting point at one end of the assembly.
3. Starting from the high point of the floor, measure up and mark a line at the height of 4-15/16", (37-5/16" if an upper facing insert panel is required) and 84-13/16". These lines must align with the vertical plumb line. See Illustration 6.
4. Continue to position and attach the upper and lower horizontal rails end-to-end until the desired length of assembly is completed. If the horizontal rails are too long, cut off the excess as shown in Illustration 8. Note: The top and bottom horizontal rails are in 8-foot lengths only. If you want to use the excess, you must cut off the section as shown because the width of the saw cut will destroy the modularity of the system. See Illustration 8.

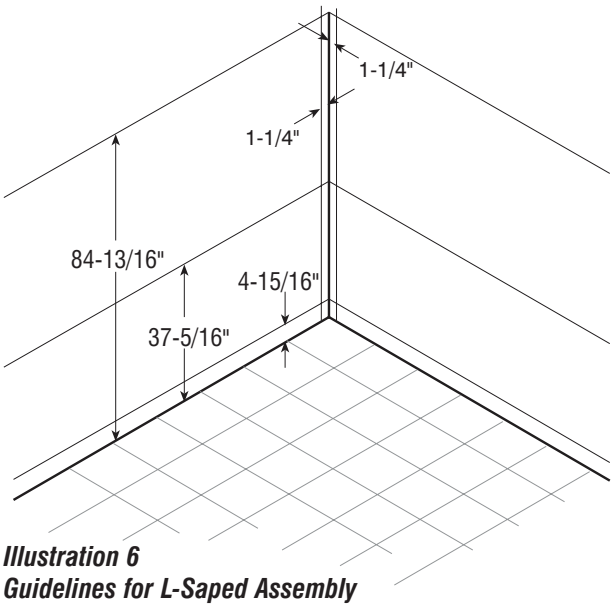


Illustration 6
Guidelines for L-Saped Assembly

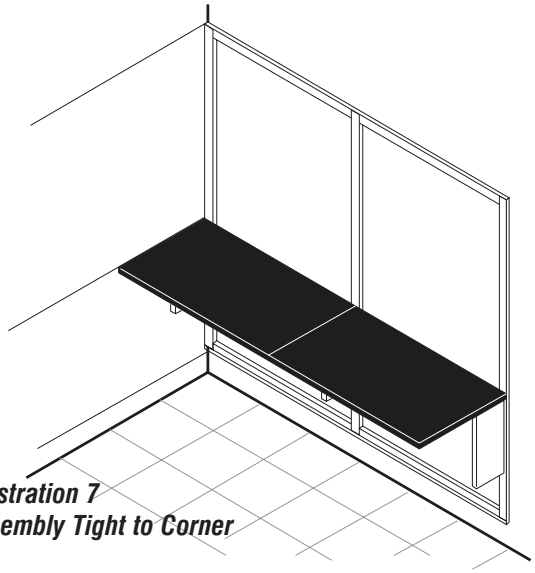


Illustration 7
Assembly Tight to Corner

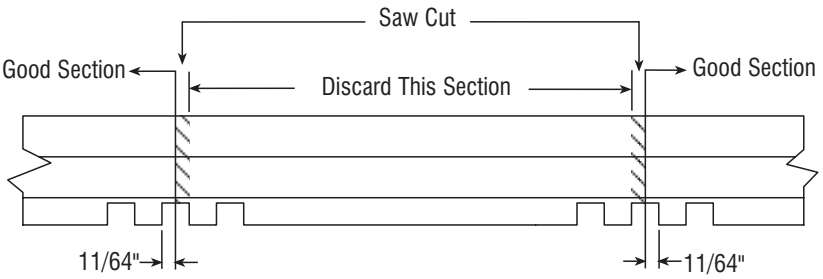


Illustration 8
Cutting Horizontal Rails to Shorter Lengths

TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

5. If your layout requires a MAX Island Panel projecting out from the Wall Rail system, you will need to cut the top and bottom horizontal rails at the six-inch increment (as shown in Illustration 8) and insert the panel support bracket as shown in Illustration 9, then continue on with the horizontal rails. Note: If you need to project out with a MAX Island Core you do not have to cut the rails, just insert the core support panel. See Illustration 10.

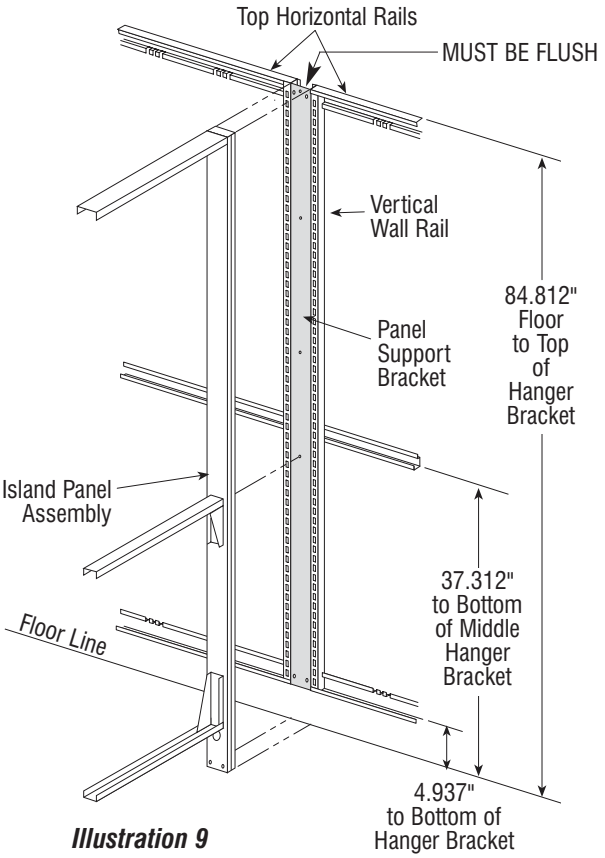


Illustration 9
Panel Support Bracket

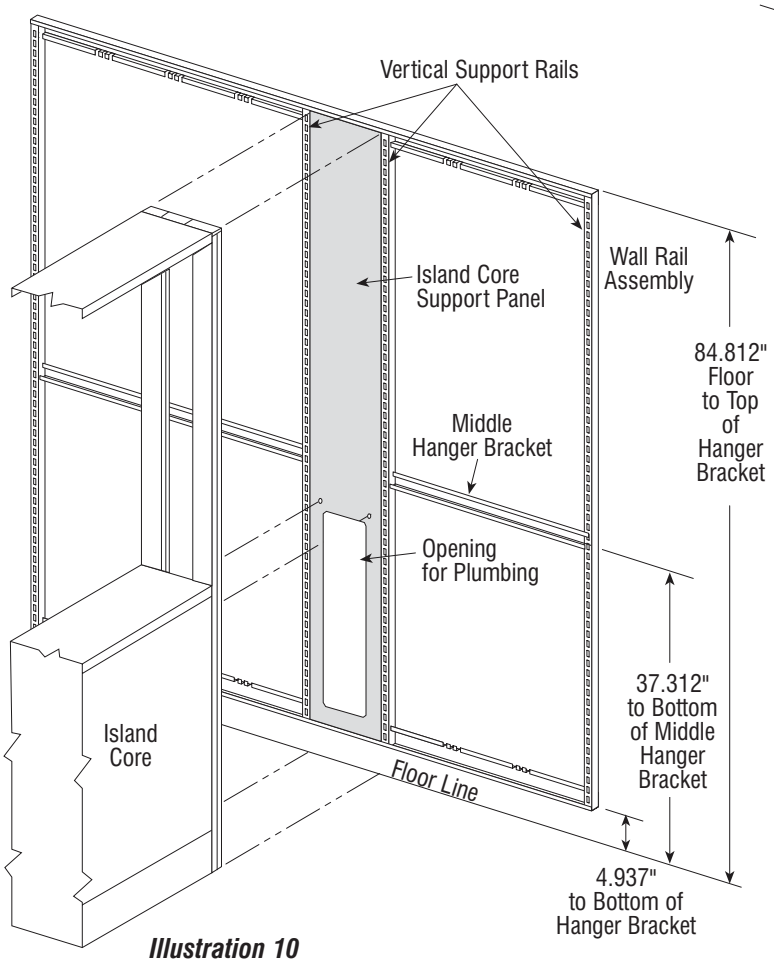


Illustration 10
Core Support Panel

TOOLS REQUIRED:

Power Phillips screwdriver
with No. 2 & 3 tips.

Level.

Plumb line.

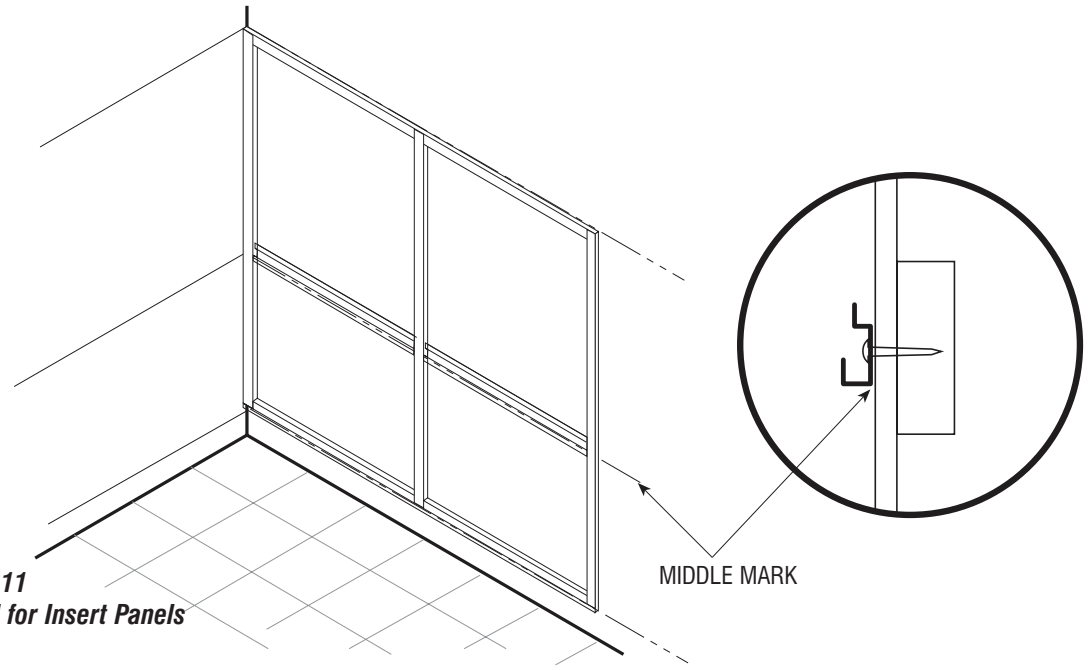


Illustration 11
Middle Rail for Insert Panels

6. Insert and attach the vertical rails with four No. 10 flat-head screws starting with a single member at the corner. Note: The top and bottom rails are notched on six-inch centers, to ensure proper system modularity. Measure over the desired number of feet and insert a single- or double-slotted upright, or core support panel as required and continue this process until the set up is complete.
7. If insert panels are required, align the bottom of the middle rail flush with the marked line and attach with No. 10 pan-head screws and then insert the top of the insert panel into the top rail and let the insert slide down into the lower rail. See Illustration 11.
8. If the optional rail covers are required, insert and attach with No. 10 pan-head screws.

TOOLS REQUIRED:

Power Phillips screwdriver with No. 2 & 3 tips.

Level.

Plumb line.

Installing Above-Counter Wall Rail System

1. With a level, check the floor at the installation area for its high point. This point will control the assembly height.
2. When starting an assembly at an inside corner wall, mark a plumb line 1-1/4" from the corner that starts from the floor to a height of 85". Note: If only one assembly is required at the corner, place the top and bottom horizontal rails tight and plumb to the corner. See Illustration 12. Make this mark light enough so it can be easily removed later. If the assembly is in the middle of a room, mark a plumb line as a starting point at one end of the assembly.
3. Starting from the high point of the floor, measure up and mark a line at the height of 47-15/16" and 84-13/16" where the assembly is to be installed. See Illustration 13.
4. Continue to position and attach the upper and lower horizontal rails end-to-end until the desired length of assembly is completed. If the horizontal rails are too long, cut off the excess as shown in Illustration 8. Note: The top and bottom horizontal rails are in 8-foot lengths only. If you want to use the excess, you must cut off the section as shown because the width of the saw cut will destroy the modularity of the system. See Illustration 8.
5. Insert and attach the vertical rails with two No. 10 flat-head screws starting with a single member at the corner. Note: The top and bottom rails are notched on six-inch centers, to ensure proper system modularity. Measure over the desired number of feet and insert a single- or double-slotted vertical rail.
6. If insert panels or rail covers are required, insert the top of the insert panel into the top rail and let the insert slide down into the lower rail. Attach the rail covers with two No. 10 pan-head screws.

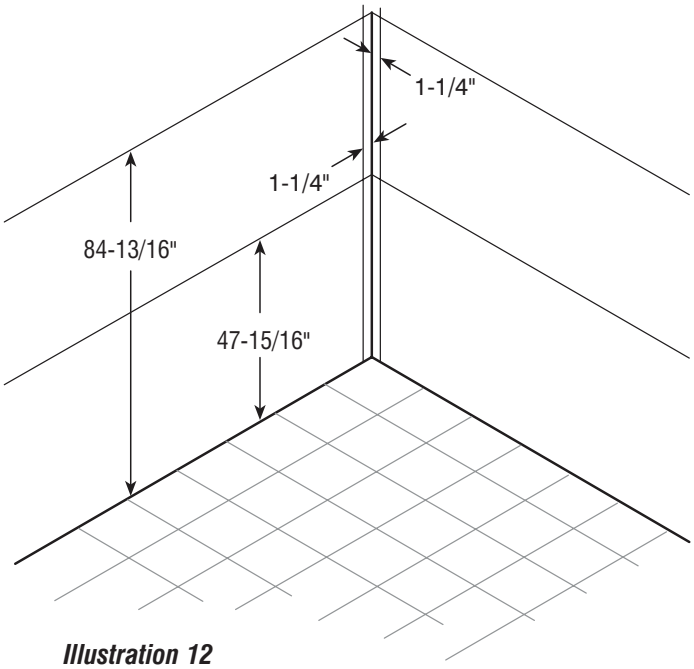


Illustration 12
Guidelines for L-Saped Above-Counter Assembly

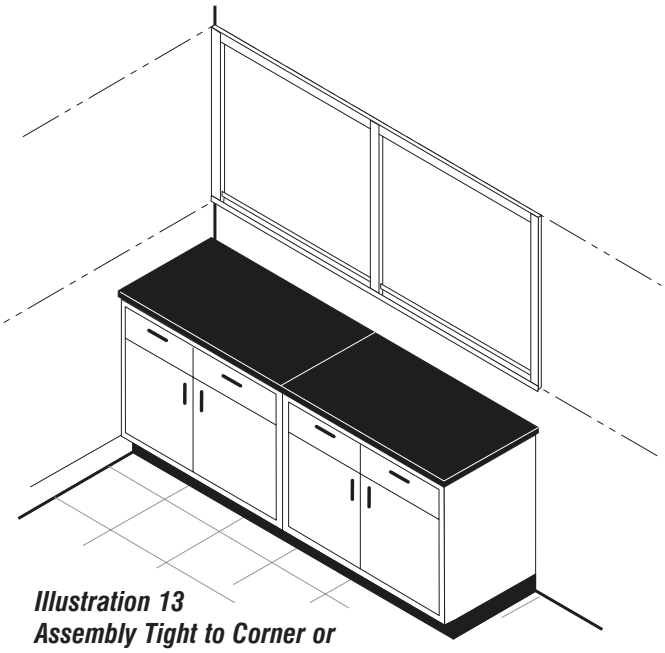


Illustration 13
Assembly Tight to Corner or in Middle of Wall