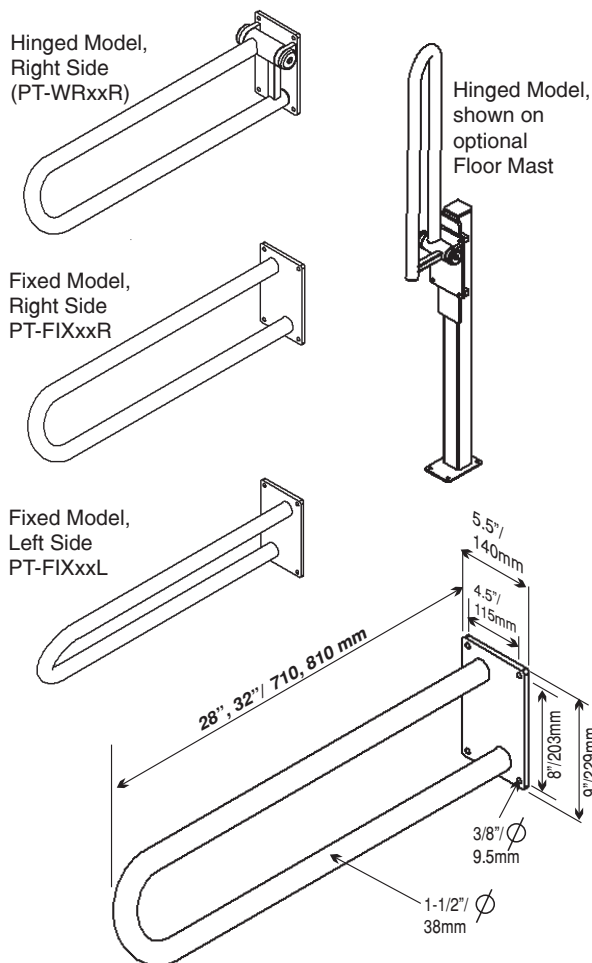


## CAUTION

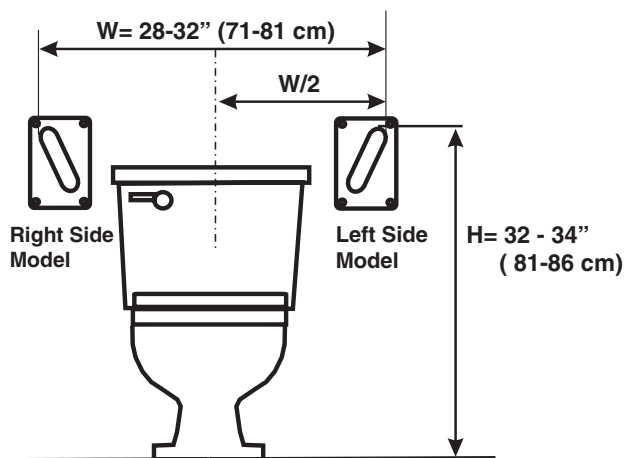
RISK OF INJURY!

Thank you for investing in your independence with HealthCraft Products. Be certain to read & understand these instructions prior to using your new P.T. Rail™. It is your responsibility to see that your P.T. Rail™ is properly assembled, installed, operated, and cared for. Failure to follow these instructions could result in injury.

The P.T. Rail™ should only be installed in areas where the mounting surface is structurally sound. If you are not equipped to undertake the outlined work we recommend that you have your P.T. Rail™ installed by a qualified contractor. The P.T. Rail, ( or P.T. Rail Mast) must be secured to wall (or floor) with fasteners appropriate to the structural material. Fasteners must be rated for certain retention force each for maximum weight capacity (see within for recommendations). Mounting fasteners should be inspected monthly and tightened if necessary. P.T. Rail™ is capable of supporting a maximum suggested user weight of 350lbs/160kg. NOTE - Due to variances in needs, materials and local construction methods, the information contained within concerning mounting location, fasteners and wall fabrication is provided as suggestion only. Consult the appropriate local professionals for best advice.



## Installation Notes



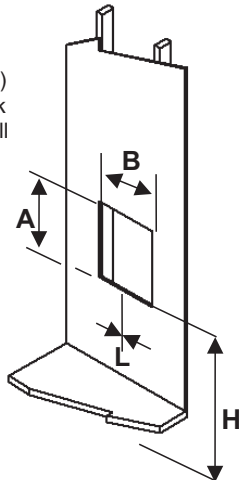
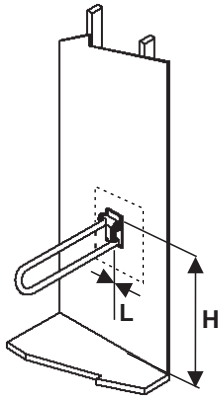
We strongly recommend that you give some thought as to the optimal location of your PT-Rails™ before installation. The following suggestions are offered for your consideration, however, it is recommended to consider advice from the appropriate healthcare professional for locating of any support rail. The PT Rails may be installed on only one side or, more typically, both sides of a toilet. The PT Rail(s) typically provide(s) most optimal support with a height to top rail (H) of between 32-34" (81-86 cm), or more in some cases.

In the case of two PT Rails being installed, one on each side of the toilet, a suggested width between top rails (W) would be in the range of 28 - 32" (71-81 cm). Always ensure that the proposed location of your PT Rail will not obstruct access to other parts of the bathroom. For folding models, ensure that the space above the rail is clear to permit folding.

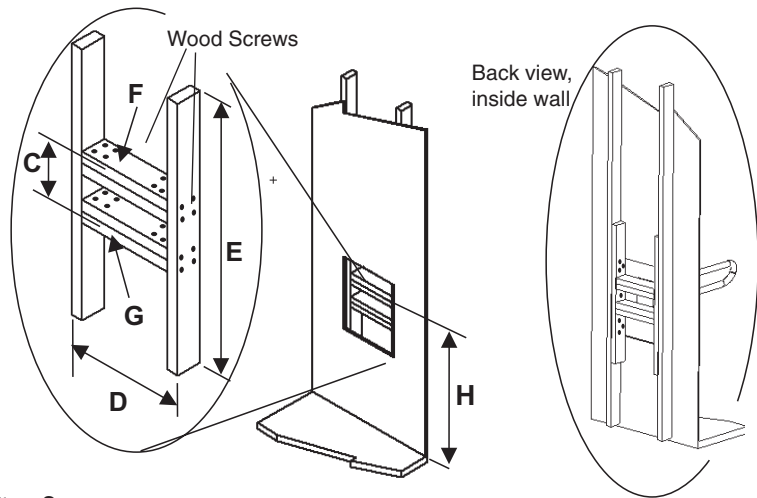
# Installation Suggestions - Frame & Wallboard Wall

NOTE: Due to variances in local construction methods, and materials used, details given below are **suggestions only**. Consult the appropriate local contractor for specific advice. For concrete walls, you may be able to install fasteners (such as a wedge anchor) directly into the concrete wall without modification.

**1.** Choose optimal mounting location of rail including height (H) and side to side location (L). Mark the height and location on the wall for future reference.



**2.** Find wall support studs & cut hole in wall board to expose wall studs. Suggested hole size is height (A) of 18-24+”(48-61cm) and width (B) corresponding to wall stud spacing. Expose half width of each stud to facilitate re-installation of wall board patch. (\* Take care not for any utilities located in wall!)

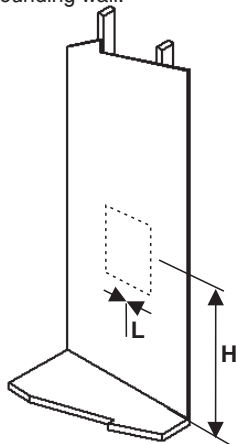
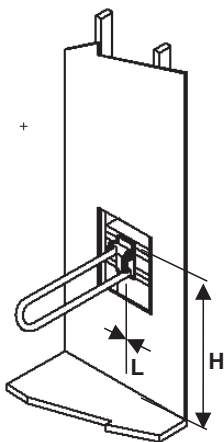


**3.** Fabricate a support frame structure from suitable wood pieces as shown above. Support frame width (D) should fit snugly within wall studs. Support frame height (E) should be from 24-32” (61-81cm) high or more, depending on material and stiffness of wall studs. Locate top cross member (F) to position in line with top fastener holes when rail is located at the height (H). Lower cross member should be spaced at C= 8”(20cm) from top cross member. Use a generous quantity of wood screws and glue to hold the support frame structure together as shown.

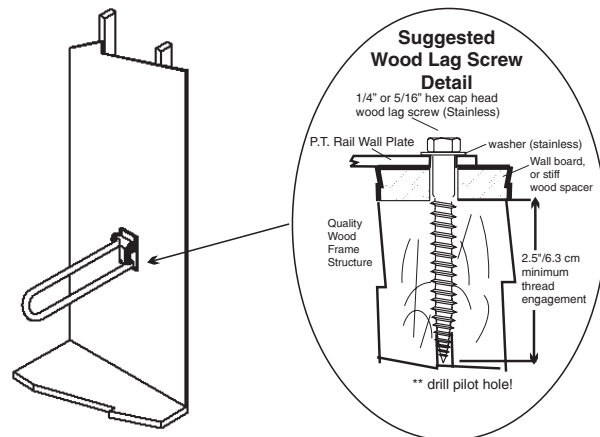
**4.** Insert support frame structure through hole in wall and secure uprights to wall studs using a generous amount of wood screws.

**5.** Hold the PT Rail against the support frame to confirm your support frame cross members are in the correct location.

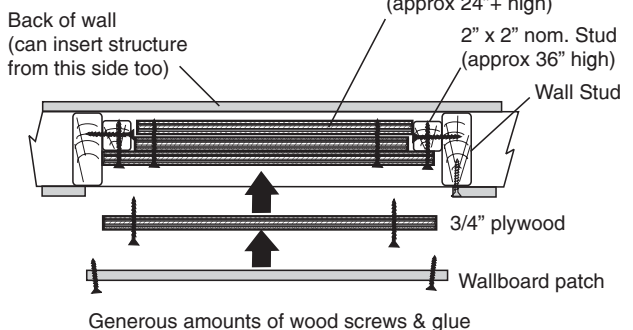
**6.** Ensure your “H” and “L” locations are marked on the wall. Then, patch the wall cutout to match the surrounding wall.



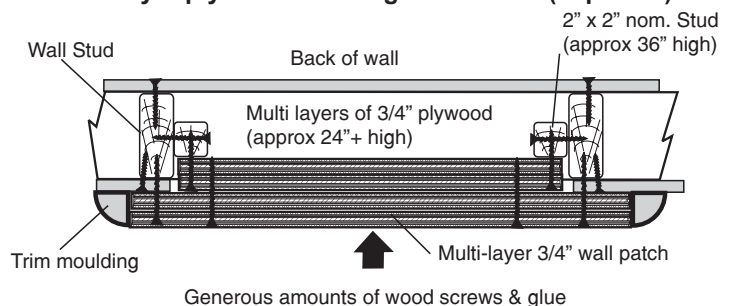
**7.** Install the PT Rail in the noted location using the previously recorded height and location marks. Use fasteners of sufficient strength:  
 200 lbs/90kg user - 330lbs/150 kg rated fastener (1/4” dia wood lag\*)  
 350 lbs/160kg user - 580lbs/263 kg rated fastener (5/16” dia wood lag\*)  
 (\* suggestion only based on min 2.5”/6.3 cm thread engagement in quality wood in pre-drilled pilot hole - based on full weight of user near end of one rail only)



## Alternative 1 - Multi-layer Plywood inside wall with wallboard patch (Top view)



## Alternative 2 - Multi-layer Plywood inside wall with multilayer plywood covering hole in wall (Top View)



### Suggested Wood Lag Screw Detail

