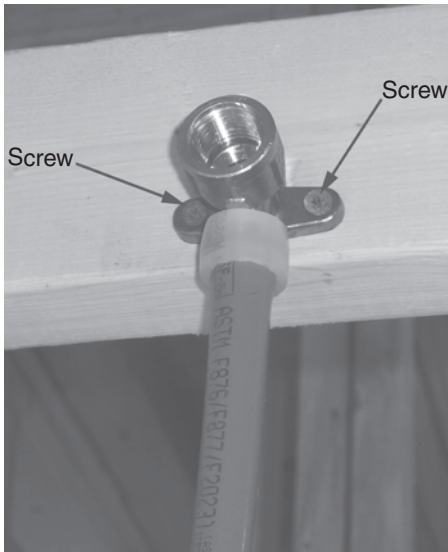


417.2

Water Supply Riser



This illustration from the I.C.C. Code and Commentary depicts a correct installation.

CHANGE TYPE. Modification

CHANGE SUMMARY. The modification provides assurance that the shower arm receiver fitting will be properly anchored. This will avoid connection failures caused by installation stress of the shower arm.

2009 CODE: 417.2 Water Supply Riser. Every Water supply risers from the shower valve to the shower head outlet, whether exposed or not concealed, shall be attached to the structure ~~in an approved manner~~. The attachment to the structure shall be made by the use of support devices designed for use with the specific piping material or by fittings anchored with screws.

CHANGE SIGNIFICANCE. The shower riser from the valve to the shower arm and head must be firmly attached to the surrounding structural framing in order to avoid leaks. The shower head assembly is often subject to stress following installation later by a change (a new shower head or spray hose attachment) or by individuals hanging objects such as soap trays on the shower arm.

The standard practice for concealed shower assemblies is to use a drop-ear elbow at the top of the riser. The fitting is also commonly called a wing-ell. Installers in a hurry or not being considerate of later consequences may use a nail, which is then bent over through the wing-ell or pipe strap holes for anchoring. It is likely these nails will become loose or the fitting may move, resulting in a fitting losing its integrity. This change will avoid that possibility by requiring anchor devices designed for the specific piping material or screws.