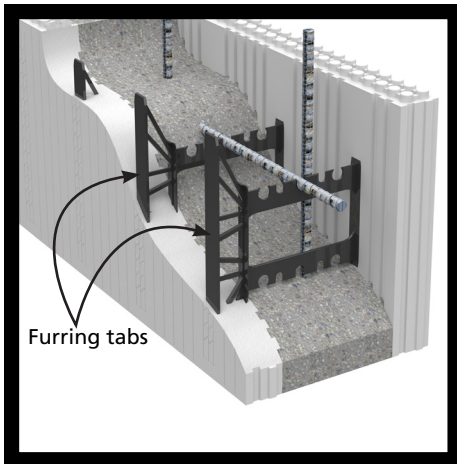


2.18.11 – ATTACHING FIXTURES



For attaching fixtures Logix provides furring tabs spaced every 8 inches, which provides more fastening points than stud walls.

Different methods are used to attach fixtures depending on whether the fixture is light or heavy in weight.

LIGHT WEIGHT FIXTURES

Fixtures that are light in weight, or are not subjected to heavy loads, such as small picture frames or mirrors, can be attached to the wall without having to fasten into the furring tabs by using typical hanging pins, finishing nails or plugs.

HEAVY WEIGHT FIXTURES

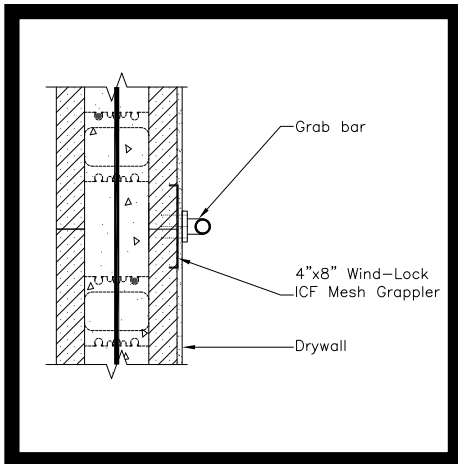
Additional backing is recommended to support heavier wall fixtures, such as kitchen cabinetry, wall mounted fixtures, grab bars, hand rails, etc.

Different attachment methods can be employed depending on the type of attachment.

Cabinets

Method 1: Plywood board can be attached to the Logix wall behind the heavier cabinets in place of gypsum board, providing a thermal barrier comparable to gypsum and a strong attachment surface for heavier items and fixtures. Be certain to attach the plywood board to the Logix webs with a sufficient number of screws to hold heavy items in place for when loads are applied.

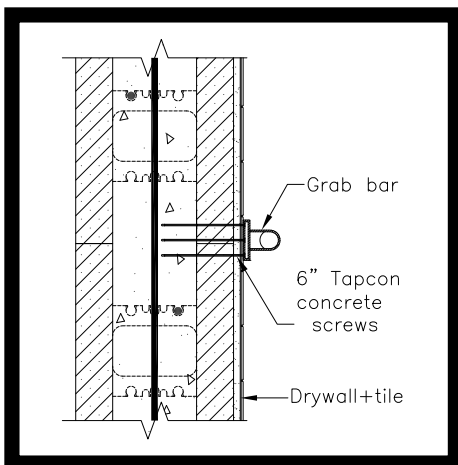
2.18.11 – ATTACHING FIXTURES CONTINUED



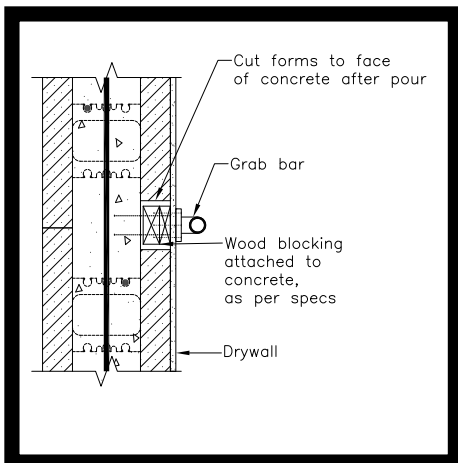
Method 2: Create horizontal channels behind the cabinets equal in width to a 2x4 and install 2x4 backing directly to the concrete surface using sufficiently long concrete screws and a rotohammer. Attach the cabinets to the 2x4s.

Grab Bars

Method 1: Use Tap Con screws to anchor the grab bar directly to the concrete.



Method 2: For a stronger hold remove the foam and replace with wood blocking behind the grab bar mounting bracket. The wood blocking should be mechanically fastened to the concrete.



For full size CAD drawing see Section 5, CAD Drawings

2.18.11 – ATTACHING FIXTURES CONTINUED

Televisions

Method 1: Face mounted TVs upto 200lbs can be secured to the furring tabs with a minimum of 4 course thread screws. Care must be taken to ensure the screws are properly fastened to the furring tabs.

Method 2: Replace the drywall behind the mounting bracket with plywood extending the full height of the mounting bracket and covering at least 3 furring tabs in length. Fasten the plywood with sufficient number of screws to the furring tabs. Conceal the plywood with drywall compound to blend with the drywall and attach the mounting bracket to the plywood.

TV mounts that swivel causes heavier loading conditions and should be anchored to the concrete with plywood and tapcons.