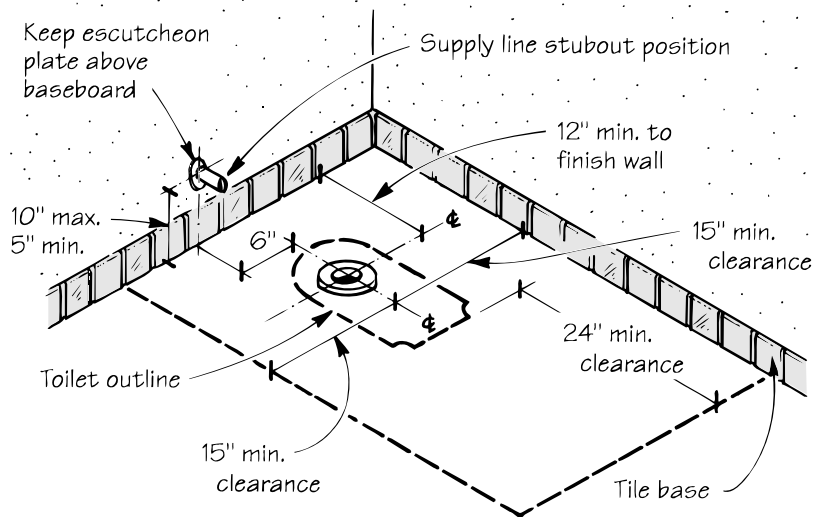
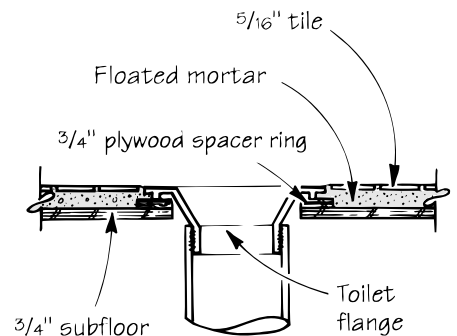


KITCHEN & BATH ROUGH-IN

Toilet Clearances

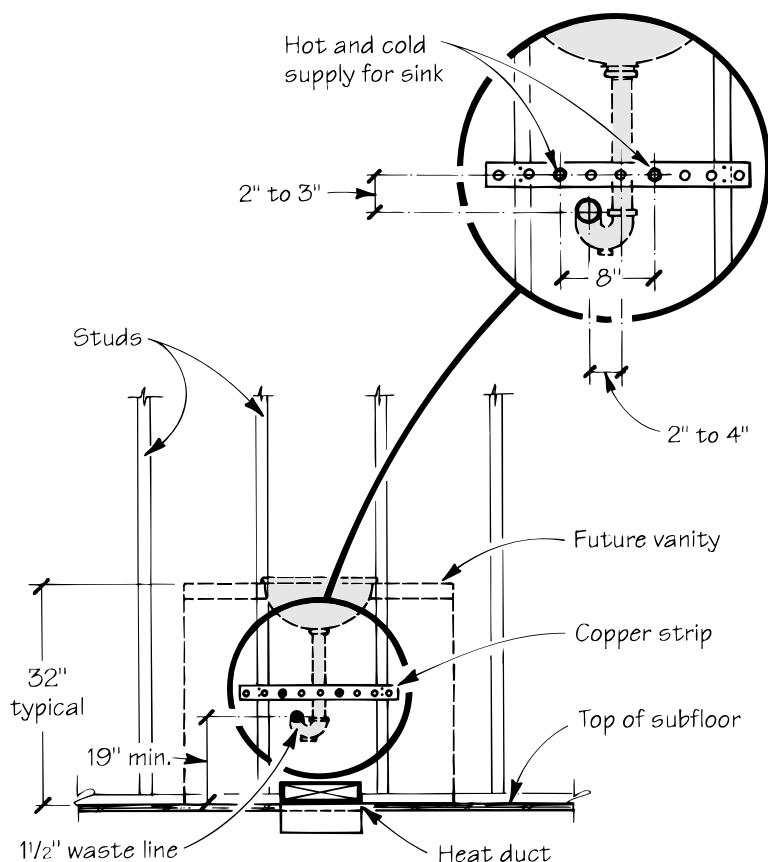


Built-Up Flange



Remember to allow room for the escutcheon plate when bringing the toilet supply line through the wall. For a tile floor, the author installs a 1/2- to 3/4-inch plywood spacer ring to ensure that the flange isn't recessed too far below the finished floor (above). ("Roughing-In for Kitchens & Baths," 12/93)

Vanity Rough-In

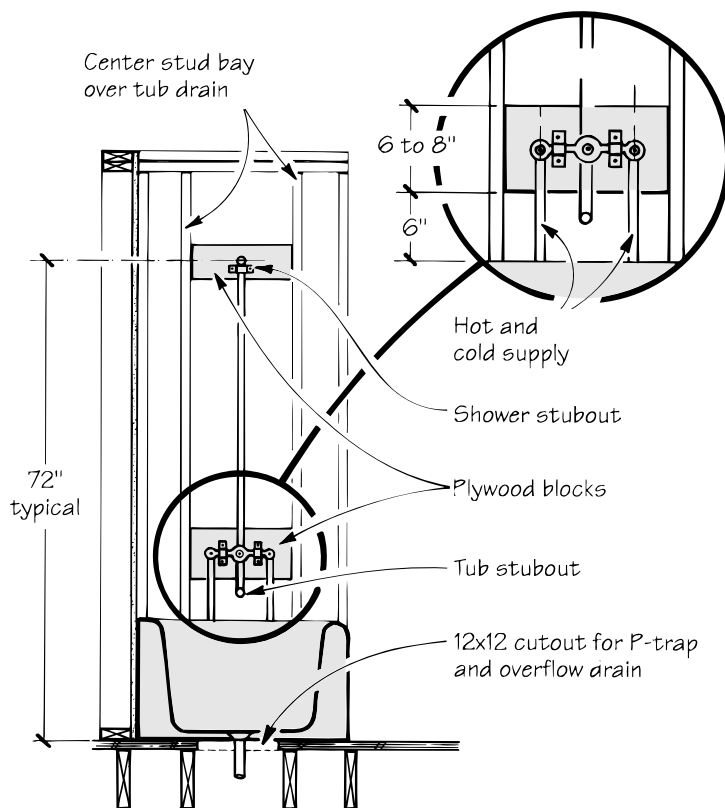


Place the vanity sink drain 2 to 4 inches off center to allow room for the trap. Use copper strap to secure the hot and cold supply lines. ("Roughing-In for Kitchens & Baths," 12/93)

KITCHEN & BATH ROUGH-IN

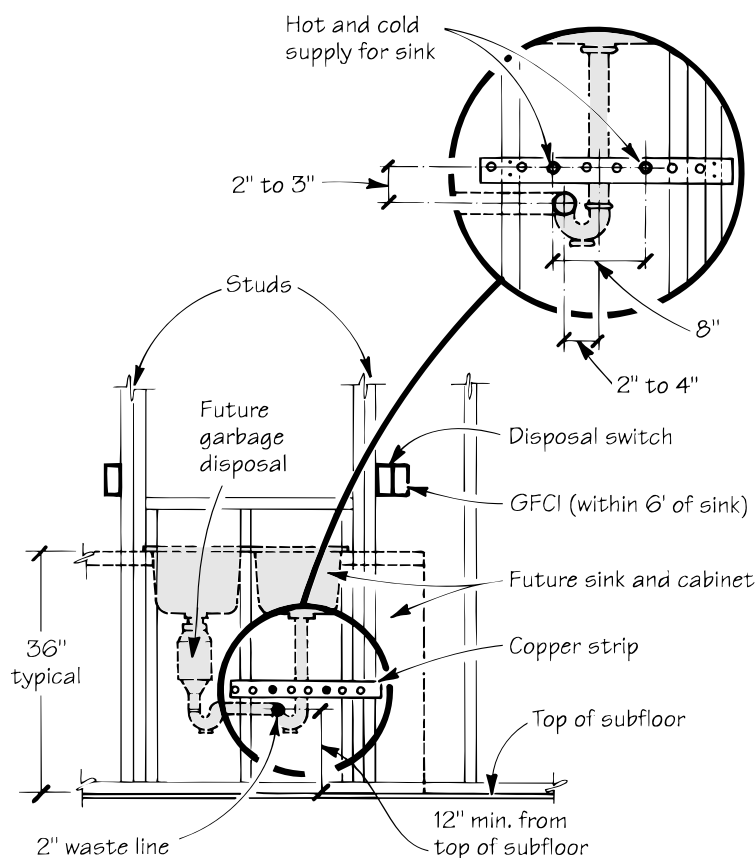
Typical Tub/Shower

Though most plumbers place the shower head and controls at standard heights, the author always consults with clients on this since many have individual height preferences. ("Roughing-In for Kitchens & Baths," 12/93)



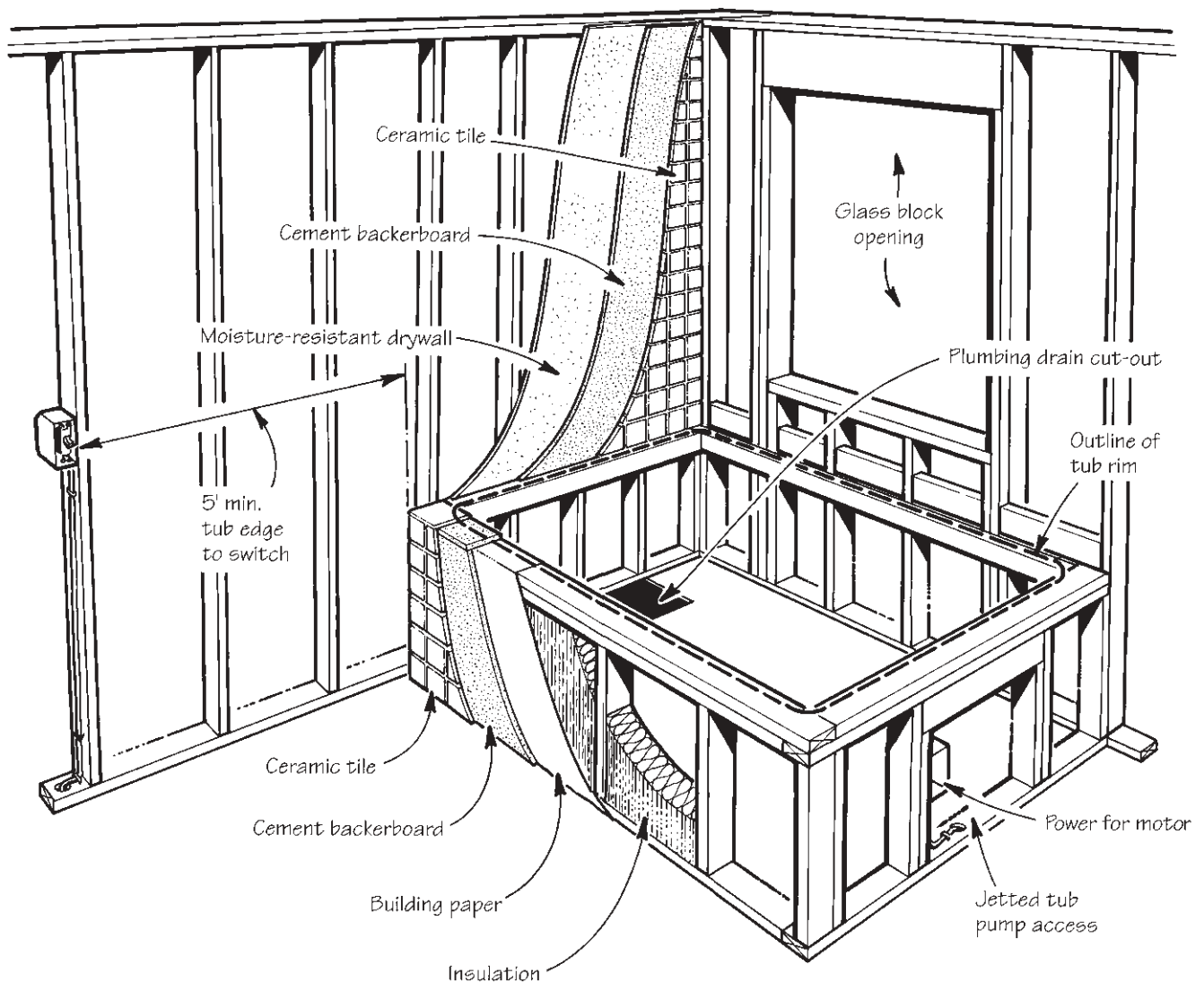
Kitchen Sink Dimensions

For a double-basin sink with disposal unit, place the waste pipe 2 to 4 inches off center from the sink drain that doesn't feed into the disposal. ("Roughing-In for Kitchens & Baths," 12/93)



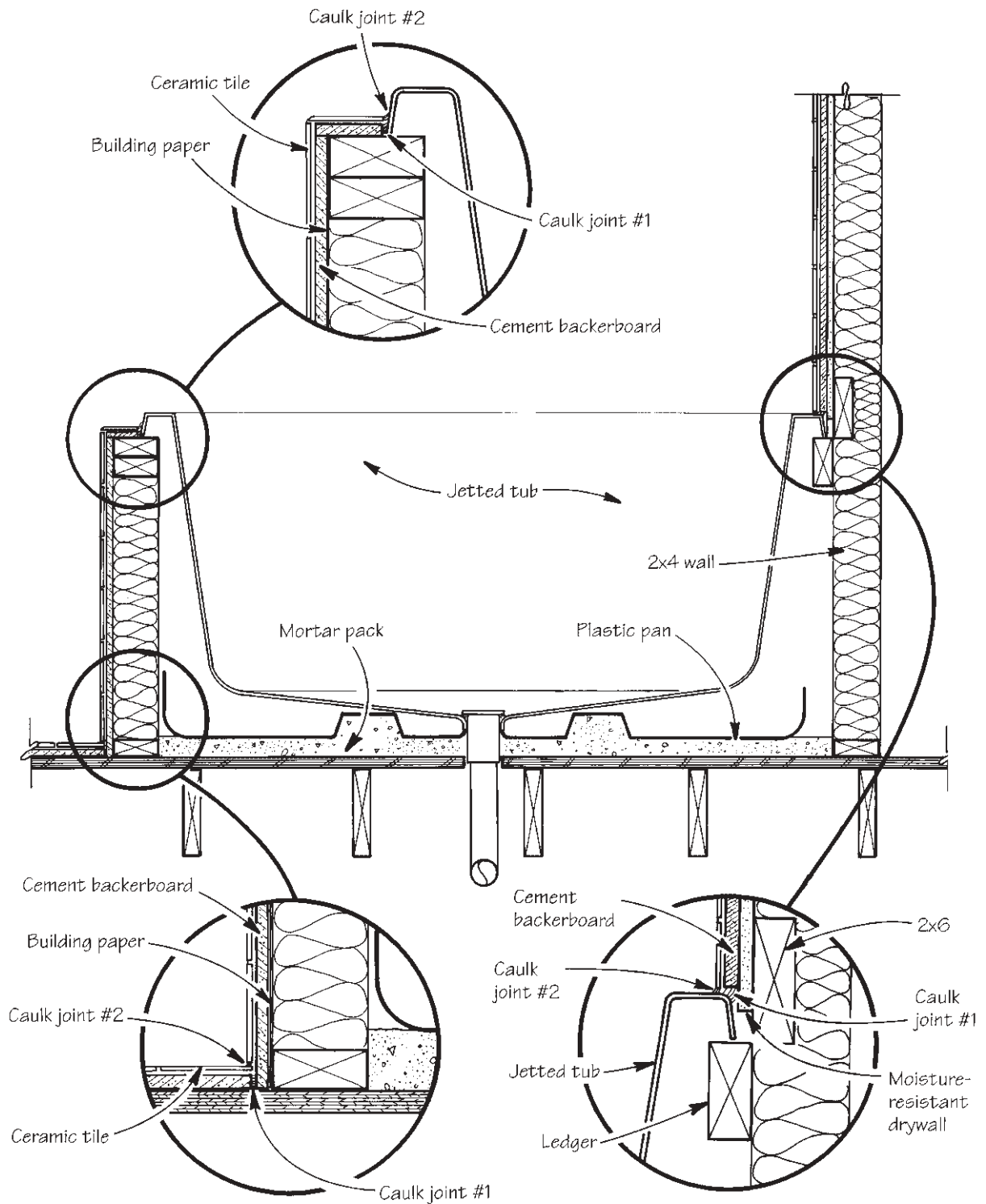
KITCHEN & BATH ROUGH-IN

Framing a Jetted Tub Surround



A typical tile tub surround, by the author, has sturdy 2x4 framing and is insulated to reduce heat loss and noise. Make sure you leave a convenient access panel for maintenance and repair of the pump system. Also, keep electrical switches at least 5 feet from the tub. ("Installing Jetted Tubs," 9/94)

Platform Tub Waterproofing Details



For a long-lasting watertight seal at the tub lip, the author makes a double caulk joint — backerboard to tub and tile to tub — using 50-year silicone sealant. At the wall, the tub generally goes directly against the framing so there's no space for soap and water to collect. Wet mortar packed under the base of the tub provides rigidity. ("Installing Jetted Tubs," 9/94)