GAS PIPING INSTALLED UNDER A CONCRETE SLAB

A GAS PIPE MAY BE INSTALLED IN THE GROUND UNDER A BULDING AS FOLLOWS:

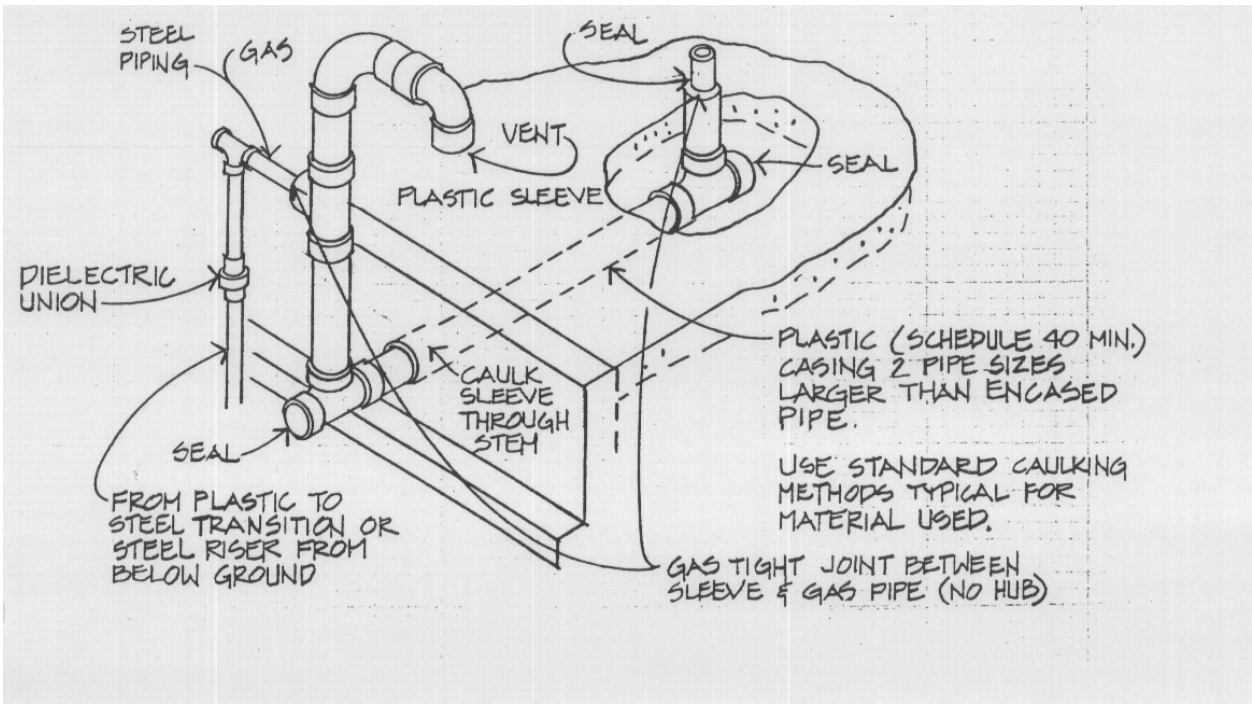
Installations permitted by this regulation shall be allowed only where structural conditions preclude the installation of gas piping above the floor level.

The gas piping material shall be A53 steel (coated) and shall be encased in a rigid plastic sleeve, which is a minimum of one-half (1/2) inch larger than the outside diameter of the required gas pipe.

The plastic sleeve shall rise a minimum of (6) six inches above the finished floor of the building interior, and a minimum of (12) inches above finished grade of the exterior.

The sleeve shall be sealed on each end by the use of gas-tight couplings. The exterior location end of the sleeve shall be provided with a minimum (1) one inch vent opening, which terminates looking downward at least (12) twelve inches above the finished grade.

The sleeve shall be secured to the structure it serves. The inspection shall include an air pressure test at which time the piping shall withstand a pressure of not less than ten (10) pounds per square inch gauge pressure. The piping may be tested at a pressure of at least six (6) inches of mercury, measured with a manometer or slope gauge. There shall be no perceptible drop in pressure during the fifteen-minute test period.

There shall be no horizontal branches installed below the floor, and not more than one penetration of the interior floor shall be permitted. The termination of the conduit and encased pipe within a building shall be accessible.

This alternate installation method is **not** approved for L.P. gas.