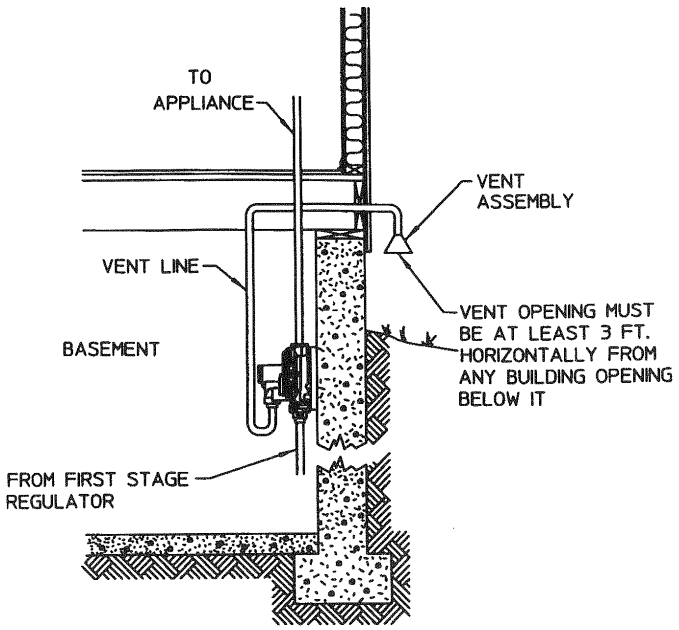

Figure 4. Basement Installation

that the slot in the tank dome or protective cover for the regulator's outlet piping does not expose the vent to the elements. The 1st stage vent on the R632 should be pointed down.

Indoor Installations

By code, regulators installed indoors have limited inlet pressure, and they **require** a vent line to the outside of the building, see Figure 4. A vent assembly, such as Fisher Y602 series, should be used on the end of the vent line. The same installation precautions, previously discussed throughout this manual for the regulator vent, apply to the end of the vent tube assembly. Vent lines must not restrict the gas flow from the regulator's internal relief valve. Vent lines should be at least 3/4" NPT pipe or 3/4" npt size, Gray PVC Schedule 40 Rigid Non-metallic Electrical Conduit for above Ground Service, per UL 651. To install the vent line, remove the vent screen and apply a good grade of pipe dope to the male threads of the line. Vent lines should be as straight as possible with a minimum number of bends.

Underground Installations

CAUTION

Type R632 integral regulators require 2 vent tubes, one on the 1st stage vent and one on the 2nd stage vent, when installed on underground tanks. Failure to use 2 separate vent tubes can result in early regulator failure and/or over pressuring the 2nd stage that could result in fires or personal injury.

Regulators installed in the dome of an underground container require a vent tube to prevent water from entering the regulator spring case, see Figure 5.

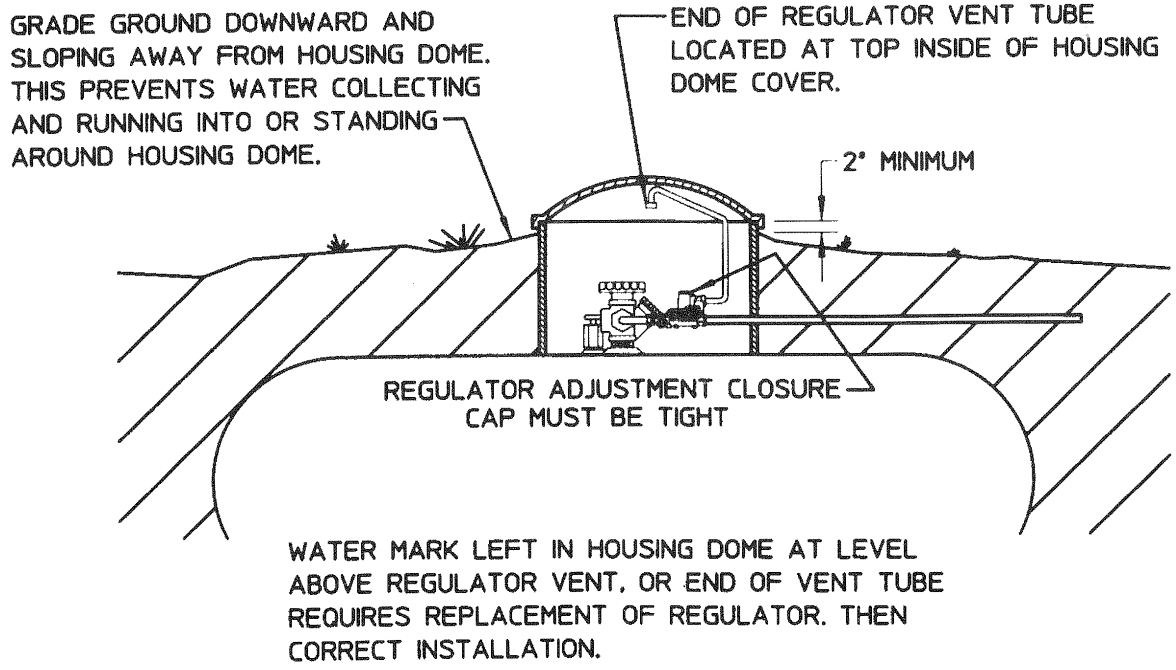

Figure 5. Underground Installation