

# **LUBECK PUBLIC SERVICE DISTRICT**

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## **RULES AND REGULATIONS FOR WATER SERVICE LINE CONSTRUCTION**

**PURPOSE:** These rules and regulations are intended to guide anyone who is constructing, replacing or repairing any water lines outside of the structure which is, or is intended to be, connected to the water system of Lubeck Public Service District (LPSD). This information is, as the heading indicates, rules and regulations of acceptable practice. It is not possible for these rules to cover every possible situation or question. If you have any questions regarding water service installations, please contact the LPSD.

**INSPECTION:** Any customer who is disconnecting from a private well, whether on public or private property, and connecting to our service must be inspected by LPSD before actual usage begins or meter is unlocked. These inspections can be performed Monday thru Friday between the hours of 8:00 AM and 4:00 PM. Notify LPSD when requesting an inspection. Inspections cannot be performed on weekends or legal holidays. Inspections will be performed on the same day the call is received, if possible, or on the next day of work.

**LOCATION AND GRADE:** The LPSD meter pit shall be set at a location approved by the District and shall be kept accessible at all times. At no time should the customer make any changes to the meter pit. Such changes shall be accomplished by the LPSD, and the customer shall bear the full cost for such changes.

### **MATERIALS:**

**A.** Approved pipe materials consist of iron pipe size PVC (SIDR 7). This pipe must be rated for 200 PSI. The pipe diameter shall be 3/4" or 1" depending upon the size of your proposed or existing service.

**B.** Backfill material shall consist of fine suitable material no larger than 3/4" in diameter. All materials shall be free of cinders, ashes, refuse, vegetable or other organic or inorganic material. The service line will have a minimum of 30" of cover.

**C.** LPSD requires a shut off valve to be located in the crawl space or basement, at or near the point of entrance of your service line. The purpose of this valve is for you to be able to shut off your water if the need arises.

D. LPSD requires the installation of a pressure relief tank, as described in the next section of these rules and regulations. This is to prevent and damage to your hot water tank or your residence.

E. The LPSD service department will install the meter and pit and provide a pig tail for the customer or contractors connection.

F. All new water line installations, as well as any replacements of existing lines, are required to include a tracer wire. Because most modern water service piping is made of non-metallic materials such as PVC or HDPE, it cannot be detected with standard locating equipment. The tracer wire, typically copper or copper-clad steel with an insulated coating, is installed alongside the pipe and provides a continuous conductive path that allows the buried line to be located electronically in the future. This requirement ensures accurate identification of underground utilities, prevents accidental damage during excavation, and supports safe, efficient maintenance.

**BACKFLOW PREVENTION:** Due to West Virginia Health Department regulations the District is now using a type of outside meter setting (meter yoke) which is equipped with a backflow preventor (check valve). The purpose is to prevent the water that has gone through your meter setting from returning to our water main.

The installation of a pressure relief tank is required. The recommendation is made for the purpose of relieving pressure on your hot water tank and house plumbing. As water is heated it expands. Your hot water tank will push cold water out the inlet when heating during times of minimal hot water use. Due to the check valve now required at the meter, water can no longer go back through the meter into the water main. If your hot water tank has a pressure relief valve, this expansion of water can result in release of water through the relief valve and possibly continue dripping of water from the relief valve. Water leaking from this valve may damage your residence. If your hot water tank has no relief valve, then the expansion of water could harm your plumbing and fixtures. Also, the relief valve is only good for a couple of times of popping. If it pops too many times this could result in your need to buy a new relief valve or hot water tank.

The pressure relief tank is an air/water bladder type. The air in the bladder can be compressed, enabling the water to expand in this tank relieving pressure on other fixtures.

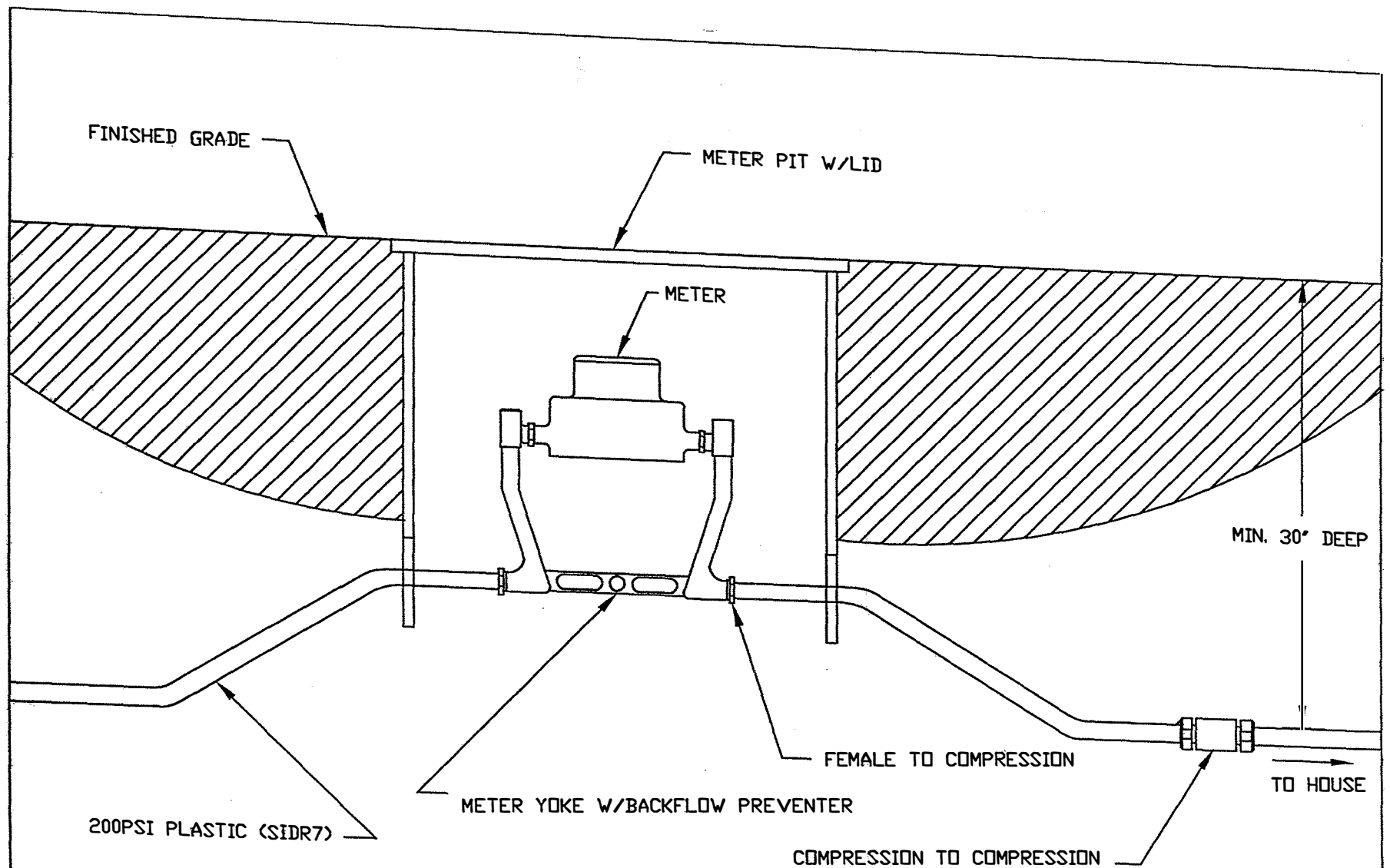
**GENERAL INFORMATION:**

A. Tapping of the water main is to be done only by Lubeck Public Service District personnel or ther contractor.

B. All service line repairs must be inspected for an adjustment.

C. These rules and regulations supersede any requirements of the Standard Plumbing Code or other related plumbing code provisions currently adopted by the area served which describes materials, methods, procedures, etc., that are contrary to the rules and regulations hereinbefore described.

**READ THESE RULES AND REGULATIONS CAREFULLY. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT THE LUBECK PUBLIC SERVICE DISTRICT.**



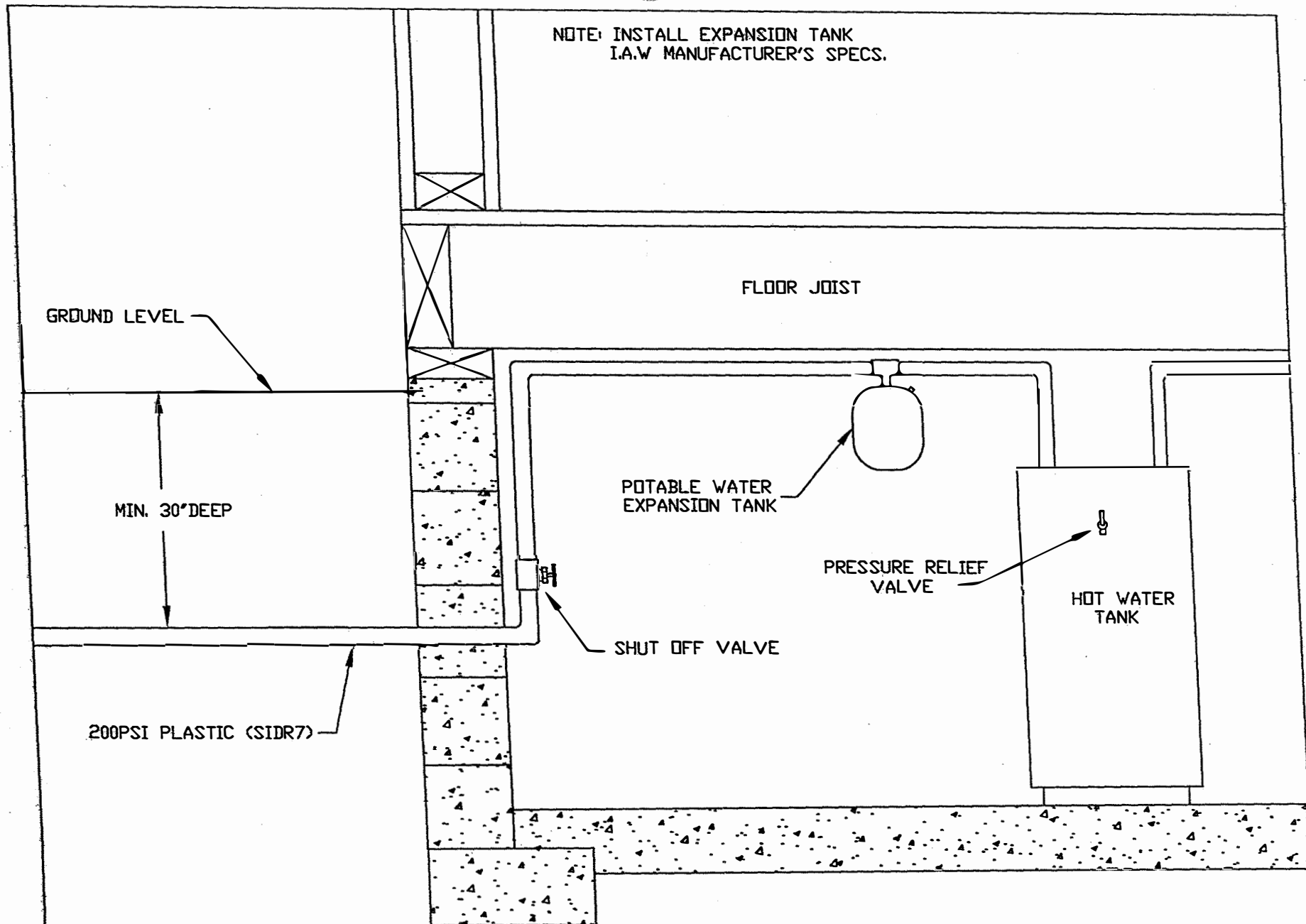
LUBECK PUBLIC SERVICE DIST.

TYPICAL DRAWING FOR WATER SERVICE LINE INSTALLATION

NO SCALE

DATE: MAY 2002

DRAWN BY: GLB



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