

LINCOLN WATER COMMISSION

METER PIT INSTALLATION (FROST PROOF)

Meter pits are required on all service lines with more than **one** fitting between the curb stop and the inside wall of the building (max of 95 feet for copper tubing). Pits are to be **Ford Cold Climate PDBHH-444-20-60** or approved equal. (Double lid cover, angle ball inlet valve, angle dual check outlet valve, sized up to a 1 inch meter, pack joint fittings, 20 inch diameter, 60 inch depth)

Two (2) copies of a site plan, drawn to scale, must be submitted showing the location of the proposed pit and ARB (automatic reading and billing) post, water service line to the building*, curb box shut off, driveway, fences, sewer line or septic field, and any other subsurface utilities. Meter pits and the remote reading posts must be accessible to LWC personnel and away from vehicular and pedestrian traffic. The site plan will be approved by the LWC and used for inspection purposes upon completion of the installation.

A ten foot (10') length of copper tubing must be used between the curb stop and the meter pit. A twenty foot (20') length of copper tubing must be installed before entering the building to allow for proper electrical grounding. A 4x4 inch post of treated lumber must be installed near the meter pit to accommodate the ARB terminal.

All installations are subject to inspection and approval by the Lincoln Water Commission prior to backfilling.

Note: The interior plumbing should include a thermal expansion tank since the meter pit includes a check valve assembly.

* Refer to the LWC requirements for service pipe materials.