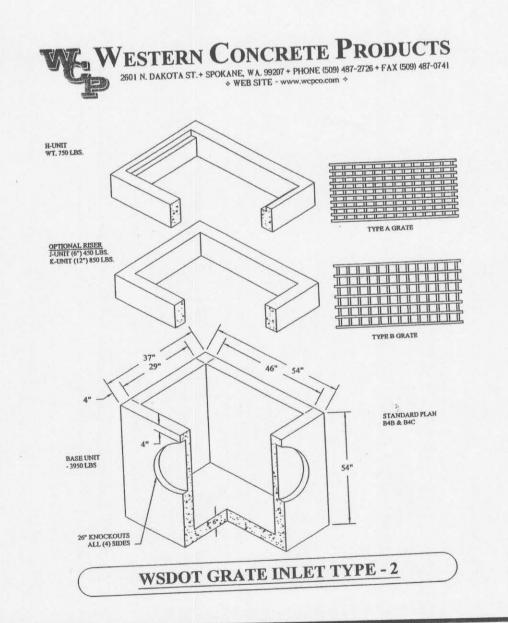


48" STANDARD SHALLOW MANHOLE





(Please attach to all new water developments)

New water mains that are installed, whether expanding a distribution system or adding a fire line, must be physically separated from the existing system until satisfactory flushing, pressure testing, disinfection, and bacteriological sampling has been completed. The new water main must be considered contaminated and the chlorine concentration used for disinfection (minimum 25 mg/L) makes the water nonpotable.

The City will perform the tap only for these new water main connections at a rate determined on each individual tap. The contractor to complete this work will furnish all materials, labor and

An approved backflow prevention assembly is required on the supply water line when filling the new water main during disinfection and flushing. This prevents the new main's contaminated water from entering the existing system. The backflow prevention assembly and supply piping must be removed during hydrostatic pressure testing. After satisfactory bacteriological sample results are obtained from the new water main, a section of

connecting pipe must be installed between the new section and the existing system. The contractor will be responsible for this final connection and the City will inspect this work. Before installation, the interiors of all pipes and fittings used to make the connection must be swabbed or sprayed with a 1% hypochlorite solution. The contractor is responsible for flushing and pressure testing the new water main. Contact the Plumbing Inspector at 746-1319 for a pressure test or the Water Division at 743-7461. These tests must be completed and approved before the Water Department will begin disinfection

procedures. Upon completion and approval of the pressure test by the project inspector, which shall be a professional engineer inspecting all water main projects and which shall be a fire department inspector and a city plumbing inspector for all fire line connections, the inspector will notify the City engineering department (743-1316). The engineering department will then notify the City water division to proceed with the coordination for the disinfection and sampling of the new water main. NOTE: No hose or fire hydrant shall be used in collection of samples. A combination blowoff and sampling tap is required. The disinfection and bacteriological testing of the new main shall adhere to AWWA Standards (AWWA C651-99).

The number of water samples taken will depend upon the length and number of branches of the new main but a minimum of two samples must be taken. These samples shall be taken from each end of the new water main. Two consecutive samples at least twenty-four hours apart must be reported and display negative bacteriological results. Results from bacteriological testing will be available approximately 26 hours after the last sample is taken. The City will charge a fee for chlorination and bacterial testing.

Standard Water Comments

Minimum water line size shall be 8". Oversizing of water lines may be required to provide sufficient volumes of water to the system matrix. Materials shall be ductile iron or C-900.

Main water lines must be looped and placement shall avoid easements except when necessitated by land environs. Easements shall be a minimum of 20'. Water lines shall be offset in the easement. All work shall be performed in accordance with AWWA and City of Lewiston Water Standards.

Pressure reducing valves are required on all service lines.

Backflow devices are required on all irrigation systems and other identified hazards. Backflow devices shall be installed as per standards and shall be accessible to permit testing. Hydrants shall be spaced at a maximum of 600' in residential areas and 300' in commercial areas.

All hydrants shall have valves on the hydrant branch line. Hydrants shall have two, 2 1/2" ports and one, 4 1/2" steamer port. Service lines to the meters shall be "K" copper. Developer shall install the service line and meter setting to include all materials except the meter which shall be provided by the City. Meters shall be placed to avoid conflict with other utilities, driveway locations, and shall be in the right-of-way.

All hydrants shall be thrust blocked or retained and all fittings shall be thrust blocked.

Pressure reducing pits may be required due to elevation, different pressure zone tie-ins, etc. Valves shall be placed on all branches of tees or crosses. A valve is required at a minimum of every 1000' of main water line.

Pressure testing of water lines shall be performed at 1.5 times the highest working pressure in the general area of the new line. The design engineer or other qualified firm shall certify the test. This certification shall be reported to the City Engineer. The City Engineer will inform the water division. The water division will contact the contractor to schedule water main disinfection and bacterial testing. Two consecutive negative bacterial tests 24 hours apart must be completed before the water line can be connected to the city system. This creates a minimum of 48 hours after chlorination before the line can be connected. The Water Division, to maintain the integrity of the system, shall witness the final tie-in. Note: a fire inspector must witness a fire line pressure test. Fire line tests shall be at 200 psi. The City will charge a fee for chlorination and bacterial testing.

The water division will only tap fire line connections and the owner will furnish all materials and labor including thrust blocking. Fire lines will require backflow devices with detector checks.

Water Facts

If you have a question about your water or an emergency such as a leak or other problems, whom do you call? If you don't know or have had difficulty in the past in determining whom to contact, the following information may be useful.

regarding water.

number for non-emergency problems.

Lewiston Water Contact Numbers

Call the Water Treatment Plant at 743-7461 from 5:00 am to 3:30 pm seven days a week except Thanksgiving, Christmas, and New Years. This number can be used for questions or emergencies

If you are unable to contact anyone at this number, you can call the Public Works Department at 746-3671 ext 252 from 8:00 am to 12:00 pm and from 1:00 pm to 5:00 pm Monday through Friday. Also, you may call the Water Transmission Shop at 746-0593 from 6:30 am to 2:00 pm and from 12:30 pm to 5:00 pm Monday through Friday. This number is for field personnel and it may

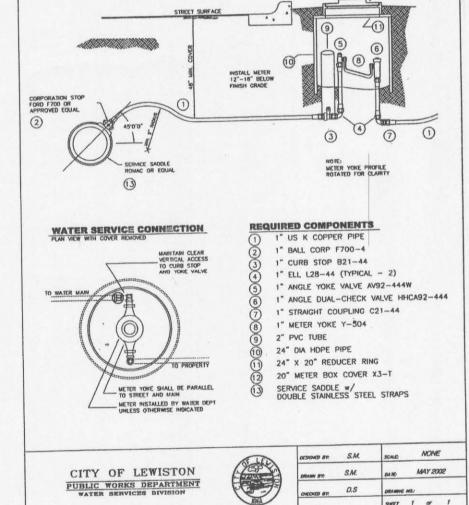
be difficult at times to reach anyone because they are only at the facility at various times during the If you are unable to contact anyone at any of the above numbers or you are calling outside the times listed above, call the Lewiston Police Department at 746-0171 and they will be able to contact someone. Please try to use the above numbers during the hours listed rather than the police

Services Available to the Public

Assistance is available for checking for water leaks, problems relating to high consumption and water pressure, meter turn-on or turn-off, and questions concerning testing parameters, water

Please note that these services are provided for you at no cost during the regular working hours from 6:30 am to 12:00 pm and from 12:30 pm to 5:00 pm Monday through Friday. Should you require an after hour call out, there is a \$57.00 charge. If you can plan for these services during regular hours, please do so.

Note: The Lewiston water service area is north of Stewart Ave. and includes the Mayfair Addition, the Valley Vista Addition, and the Country Club and Palisades areas. If you are south of Stewart Ave., please call the Lewiston Orchards Irrigation District office for your concerns at 746-8235. This number can also be used for all after hours calls for LOID.



Water Tap Information

New Water Taps: The City of Lewiston will provide customers with water taps providing that the following conditions have been met:

All appropriate fees have been paid. Final grade at the site has been completed. (or) (3) If final grade has not been reached, but the customer or contractor provides final grade and accepts all subsequent responsibility for any damage that may occur to lines, meter

boxes, or meter lids, then water service and meter can be installed. Please note that any costs associated with raising or lowering of the meter box will be the responsibility of the owner and/or contractor after pre-grade installation.

(4) Site has been listed with Underground Utilities Locate Center. (5) Both the customer and/or contractor and an appropriate representative of the Water have knowledge of the exact tap location. See item #3 for important information

New Subdivision Meter Sets: The City of Lewiston will set water meters to complete the water service to all new subdivisions providing that the following conditions have been met:

> All appropriate fees have been paid. All specifications have been met and completed.

Meter boxes or water lines have not been damaged. Curb, gutter, and sidewalk where applicable are acceptable and undamaged. Final grade is obtained (10) ten feet behind curb and gutter.

Additional Notes of Importance:

(1) The City of Lewiston is responsible for water mains and laterals located within the right-

way. The property owner is responsible for the installation and maintenance of the water services from the right-of-way or property line to the dwelling. (2) If the customer has a contractor or private individual doing the service construction on property (water lines), please provide contact telephone numbers. This number should be given at the time permit fees are paid at City Hall. It will provide a necessary contact for

work scheduling of the water department (3) If you have tentative dates when service will be needed, leave this date with us also. Please allow two weeks for installation from the date that you call for the installation and have met with a water division representative, provided that all previous

specifications have been met. (see numbers below or on "Water Facts" handout) (4) After service taps have been installed, meter tops should remain uncovered and accessible.

We wish to provide you with quality service. Any information or questions that you may have should be directed to the Water Division at (208) 743-7461 from 6:30 am to 4:30 pm or to the Public Works Department at (208) 746-3671 ext 252 from 8:00 am to 12:00 pm and 1:00 pm to 5:00 pm Monday through Friday. After hour emergency calls should be directed to the Lewiston Police Department at 746-0171 for a call out of a utility employee.

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