

# LAS VEGAS VALLEY WATER DISTRICT

## ENGINEERING SYSTEMS

### TECHNICAL BULLETIN NO. 10

November 1993

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#### **DEVELOPER PROJECT SPECIFICATIONS REVISED**

The Las Vegas Valley Water District's Standard Specifications for Developer Water Facility Projects have been revised. A copy of the September 1993 edition was forwarded to all individuals and businesses that have purchased the Developer Specifications. Reproduction of the updated Developer Specifications and/or Standard Plates is authorized by the District, or additional copies may be purchased at the Engineering Services Division for \$8.00 each. Contact 258-3165/3166 if you have any questions.

#### **STANDARD PLATES REVISED**

The Las Vegas Valley Water District Standard Plates No. 11A, 11B, 11C, 12, 19 and 20 have been revised. A copy of the November 1, 1993 edition of these plates, and the current Standard Plate Index is being sent to all individuals and businesses that have purchased the Developer Specifications. They are also available through the Engineering Services Division. These documents become effective, and are to be used for all projects approved on or after December 1, 1993. They may be used for projects approved prior to that date. Written comments concerning these documents are encouraged and should be mailed to the Director of Engineering.

#### **WATER SERVICE LATERAL DAMAGE**

The District's inspectors are finding cases where the work of Contractors installing utilities, (which run parallel to the street and are located directly behind the curb) appears to be causing damage to previously installed copper water service laterals. This damage appears to be caused by trenching for, and/or installing utilities such as gas, electric and/or telephone. After being damaged, the water service laterals are not being properly repaired nor replaced as they should be. Also, the damage is not being reported to the District's inspectors.

Developers are reminded that they are responsible for coordination of work among the Contractors on their project and that they are responsible for the quality of all work. Contractors who allow their workers to damage other existing facilities must be held responsible by the Developer for repairs or replacement of damaged facilities.

Damage to the water service lateral reduces its effective life. The customer may receive reduced water flow due to dents and kinks in the tubing. Also, the tubing may break in a much shorter time period than the customers are entitled to expect. Either of these events will result in added

operation and maintenance costs. Interruption of service, during repair is an unnecessary inconvenience to the affected customer.

Contractors installing water services presently call the District for an inspection at the time that the sand is placed around the water service lateral. This inspection precedes the back filling of the trench to grade. The next call to the District for inspection only comes when the project is ready for the final inspection. There is much construction work which occurs on items other than water facilities between these two inspections.

To resolve this matter, the District requests that Developers either:

- 1) revise the sequence of work so that water service laterals are installed after other utilities located behind the curb are in place, or
- 2) require their Contractors (who install other utilities behind the curb) to call Customer Services at 870-4194 the day before they plan to back fill their installations. In this way the District may inspect the service laterals for damage before they are again covered with back fill.

If a satisfactory solution is not reached, the District may be forced to require that water facility contractors expose the portion of the water service lateral installation behind the curb at each property for inspection before the water facilities are accepted as complete. This could add considerable cost and time to the Developer.

The District would appreciate the cooperation of everyone in resolving this important matter in the most effective and economical way. We believe that the most effective and economical way is to require the necessary care during the work to protect existing facilities, and to schedule another inspection as discussed above. If you have any questions or comments, please direct them to the District's Inspection Division.