

LAS VEGAS VALLEY WATER DISTRICT

ENGINEERING SYSTEMS

TECHNICAL BULLETIN NO. 14

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SERVICES IN DRIVEWAYS

The District wants to bring attention to a section of the current LVVWD Service Rules (specifically Section 6.2) which requires services to be located outside of driveways. Previously, the developer has been allowed to submit a written request for a waiver which was usually done after the service had been installed. The new rules (October 1994) require that any requests for waiver are to be made at the time the water plans are submitted for review.

The District wants meter boxes out of driveways. We are concerned about added maintenance costs and inconvenience to the customer during the repair period. For requests made after plan review, and in cases where the service cannot be moved outside the driveway (due to interference with other utilities), the District may require strengthening the meter box and the area around it. This may include, but is not limited to, a stronger meter box and/or a thicker, reinforced surrounding slab, and/or a monolithic cast-in-place, reinforced concrete meter box.

WATER SERVICE DURING PHASED CONSTRUCTION

- 1) During the review/approval process the water plans are matched with the building permit application or subdivision maps. All variations in the scope of work between the two (2) plans must be resolved prior to approval, which often results in unnecessary delays. In most cases phasing of a project can be accommodated if addressed early in the process.
- 2) Early construction of model homes - some variances have been obtained for the construction of model homes prior to the recordation of the subdivision map. In these situations, a second set of water plans may be required to be prepared for review and approval by the District for the model homes. Some additional issues that are considered for these partial systems are an adequate supply of water for fire protection, availability of Right-of-Way, and water quality constraints.
- 3) Phasing of a project should be taken into consideration during the design and hydraulic analysis of the proposed water distribution system. Unless the fire flow requirements are waived by the fire departments having jurisdiction, the distribution system must be capable of meeting the fire flow requirements for each phase of a project as it is constructed. Additionally, full street improvements adjacent to future lots should be avoided.