

2.11. UTILITY LAYOUT

2.11.1. The following Design and Construction Standards are to be followed at all times, unless a problem exists. When the Standards cannot be followed, the City Engineer will be required to approve the alternative.

- A. All utilities, i.e. gas, cable, power, sewer and water will be shown on the appropriate drawings.
- B. Phone, cable and power joint trench will be located on the north and west side of roadways, back of sidewalk within new developments as much as possible. In planned developments without sidewalks, joint utility trench will be located 36 inches back of curb.
- C. Gas mains will stay 5 feet minimum off of back of sidewalk on public streets.
- D. Water will be located on south and east side of roadway 5 feet into roadway off of curb as much as possible or opposite power. In planned development, lip of curb for gas, water stays the same.
- E. Water, sewer and drainage layout will be first utilities designed.
- F. Generally, sewer will be located 10 feet off curb & gutter opposite of waterline. In private development or streets, the centerline will be used to align sewer as much as possible.
- G. Generally, storm drain will be designed to fall at the inside lip of curb & gutter as per the detail.
- H. Cable and phone boxes will be located on the right and left side of power transformers and secondary boxes. Cable will be on the left and phone on the right looking from the street.
- I. Gas and water stubs will be placed 5 and 2 feet, respectively, to the right and left of the property lot line, with gas on the left and water on the right looking from the street.
- J. Irrigation water mains should be generally installed 4' away from waterline towards centerline of street.

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