Water and wastewater (W/WW) mains are in a 12-ft wide exclusive water and wastewater easement centered inside the shared access easement. No other utilities private or public are allowed inside the water and wastewater easement. W/WW easement should have bearings and dimensions shown on plans.

W/WW mains are 5-ft apart and are centered inside the 12-ft W/WW easement.

W/WW mains should follow the drive pavement. Alignment of wastewater mains in curved drives is a concern as horizontal curves are not allowed which makes placement of the wastewater main inside the 12-ft wide Shared Access easement impractical.

Water mains are 6-in in size inside the shared access. Embedment for water mains shall be class “B-5” embedment. Minimum depth of water mains shall be per DWU standards;

- 4-ft under permanent pavement and 6-ft under unimproved surfaces.

Fire hydrants are not allowed inside shared access easement.

Wastewater mains are 8-in in size. Maximum depth is 10-ft. Deeper mains shall require easement widths as per DWU Design Manual. Due to small flows, the minimum slope on dead-end mains should be sloped to provide a minimum velocity of 2 fps.

Wastewater pipe is PVC (SDR-26) ASTM 2241, class 160. Embedment for wastewater mains is cement stabilized sand embedment.

Water mains are used for shared access development use only and are not to stub out for future extension for adjacent land.

Engineering plans show the location of the water meter and wastewater lateral cleanout for each lot.

Wastewater mains inside the shared access are intended to serve the shared access development only and are not to stub out for future extension for adjacent land.

Excessive depth (more than 10-ft) of wastewater mains shall require a wider water/wastewater easement than the 12-ft wide water and wastewater easement.

Min. vertical clearance over water and/or wastewater easement is 18-ft.

Shared Access agreement is to be approved by City Attorney and recorded before water connections are allowed.

No parking is allowed over the water/wastewater easement. Clearly show parking.

Dead-end water mains shall have an automatic flush point with available access to the WW main (no manual flush point shall be used).

Shared Access Developments larger than 36 lots will require an in-depth coordination (by the designer) with franchise utilities prior to plan approval.

- Franchise utilities shall cross perpendicular to W/WW mains and will be consolidated and limited in the number of crossing along the drive.
- A separate utility coordination plan sheet is required to show the proposed designated crossing as well as types of.
- Water/wastewater plans shall show easements for their facilities where applicable.

Water meters shall not be placed in the driveway, in front of door/entrance or drive patter.