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1540 Popelka Drive
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DUKE NIESKENS
General Manager
Phone: 252-0539
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To Whom It May Concern:

The District requires hydraulic modeling for all proposed system connections other than single family residential dwellings. The District also requires hydraulic modeling for any proposal that may cause a change in the usage and/or an increase in the demand on any existing system connection. Letters from the developers; or representatives granting the District approval to have modeling run at their expense is also required. I am requiring the following list of information be submitted by the developer requesting a hydraulic modeling study.

Plans:

1. Size of main line tap.
2. Location of new water mains, including size
3. Elevations consistent with the City datum for water main fittings or street intersections (finished grade elevations).
4. Location of service lines and sizes.
5. Lot lines, lot numbers and street lines
6. Street names (if new or revised).

Calculations:

1. Average, peak and instantaneous demands (fixture unit count)
2. Project IBC/IFC Code Analysis, fire flow requirements, and road frontage fire hydrant location and spacing requirements.
3. Any special water demands (i.e. irrigation systems, fire lines, etc.)

Proposed site drawings shall be submitted in both AutoCad DWG and PDF formats. The DWG file should not include unexploded blocks or external references. Any drawings and design information not complying with these requirements will be returned for correction prior to any modeling.

By requiring these standards for submittal, we will be able to process requests in a timely manner, concentrating on all analysis versus waiting on project information.

If you have any questions, please call 252-0539.

Sincerely,

Duke Nieskens, General Manager
County Water District of Billings Heights