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City Of Battle Ground
Engineering Division

Memo

To: File

From: Ryan M. Jeynes, P.E., City Engineer

Date: 10/17/24

Re: Supplemental Updates to City Design and Construction Requirements

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Design and Construction Requirements to be updated as follows:

Sanitary Sewer

Section 2-4.01 *Service Laterals*
The entire section is revised to read:

> Sanitary service laterals extend from the public sewer main to the property line to serve individual parcels and/or buildings. Each building on a parcel shall be served by a separate service lateral. Connection, ownership, and responsibilities for service laterals are outlined in BGMC 13.120.
>
> Sanitary service lateral connections to the public sewer main shall be installed according to City of Battle Ground Standard Plan SS-3.0 and SS-3.1. Lateral construction shall conform to the same standards as for main sewer construction. All laterals connecting to ductile iron pipe shall also be constructed of ductile iron.
>
> Sanitary service laterals shall be 4-inch in diameter and have a minimum slope of 2% for single family residences. For commercial businesses, industrial businesses, and multi-family residences, the minimum size shall be 6-inch diameter having a minimum slope of 1%, unless approved by Building Official and City Engineer. Service laterals larger than 6-inch to be approved by City Engineer and Building Official.

Section 2-6.01 *Industrial/Commercial Wastewater*
The third paragraph is revised to read:

> *Grease Interceptor and Oil/Water Separators:* Those that meet the definition of "user" per the Discovery clean Water Alliance (DCWA) shall be required to install pretreatment facilities. Pretreatment facilities shall be in accordance with DCWA Pretreatment Regulations.

Stormwater

Title 4-6 OTHER DESIGN/CONSTRUCTION CONSIDERATIONS
Addition of new section as follows:

4-6.03 Lot Drainage Patterns or maybe Roof Downspouts

Lots associated with a residential projects shall follow the criteria of Roof Downspout BMPs (Volume 4 – Chapter 4) of the current version of the Stormwater Management Manual for Western Washington. Weep holes (curb drains) shall not be used except when approved by City Engineer.

Water

Section 3-1.06 *Water Pipe Materials and Size*
The first paragraph is revised to read:

1-inch water services shall to be Polyethylene. 1 1/2-inch and 2-inch water services shall be Type K Copper. Water services larger than 2-inch shall be Class 52 Ductile Iron Pipe.

Section 3-2.16 *Water Services and* Meters
The entire section is revised to read:

Water services are to be installed by the contractor and inspected by the City.

Minimum water meter sizes:

- 5/8-inch for single family residences
- 3/4-inch for commercial businesses, industrial businesses, and multi-family residences

Water meters to be installed when the following have been satisfied:

- Acceptance of newly installed mains and services by City staff including:
  - Disinfection, flushing, and testing of mains
  - Submittal and approval of record (as-built) drawings
- Payment of required fees
- Water meters to be purchased from and installed by the Public Works Department when 1" or smaller. When larger or when a flange meter is required the meter must be purchased from the Public Works Department and installed with the City's inspector present.
- Call Water Meter Installation line at (360) 342-5360 to have meter installed

The minimum size for water service lines shall be 1-inch in diameter and constructed of material consistent with Section 3-1.06.