**Class Summary**

The responsibilities of this classification include acting as lead over staff members within the unit and performing advanced engineering drafting and designer duties and responsibilities for wastewater treatment and conveyance projects. Incumbents serve as the lead designer for a distinct engineering discipline.

**Distinguishing Characteristics**

This is the fourth level within a five-level classification series. This classification is distinguished from the Wastewater Designer - Supervisor classification in that incumbents within the Supervisor classification perform the full scope of supervising duties for assigned staff.

**Examples of Duties**

*In addition to the duties of the Wastewater Designer - Senior classification, the Wastewater Designer - Lead will:*

1. Serve as lead designer of a section/unit of other designers appointed to a project, preparing contract drawings and specifications.
2. Sign off on technical drawings and contract documents to ensure compliance with quality assurance reviews, following established engineering and/or project drafting standards and objectives.
3. Coordinate and review the work and design of internal and external consultants and ensure compliance with King County standards.
4. Participate in the development and maintenance of design standards for an engineering unit; provide design standard direction to other designers.
5. Lead field investigations and as-built surveys, producing finished contracts and/or record drawings.
6. Perform other duties as assigned.

**Knowledge/Skills**

Knowledge of engineering fundamentals, drafting principles, and techniques

Knowledge of codes and regulations relevant to engineering drafting and design work

Skill in writing specifications

Skill in producing complex technical graphic layouts

Skill in written and oral communication

Ability to perform field measurements and technical verifications

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite and computer-aided design (CAD) system(s)

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification and Other Requirements**

Some licenses, certifications and other requirements determined to be necessary to meet the business needs of the employing unit may be required

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| **FLSA Designation** | Exempt (Administrative) |
| **Service Status** | Career Service |
| **EEO Code** | 2 |
| **Levels within same series** | Wastewater Designer-Assistant, Wastewater Designer, Wastewater Designer-Senior, Wastewater Designer-Lead, Wastewater Designer-Supervisor |
| **Class History** | 01/1993 – Created  10/2024 – Updated content and re-titled |