

Storm Sewer Engineering Agreement

By this agreement, required by Clackamas County Service District No. 1 (CCSD #1) in accordance with the Stormwater Design Standards and Regulations, _____ proposes to provide professional engineering, surveying, and inspection services for the proposed project, _____ as follows:

1. Provide field surveying, engineering, design, and drafting to prepare the necessary construction plans for the proposed storm sewer collection system. Submit plans for approval by all concerned governing agencies.
2. Provide field inspection to the extent required to ensure that construction is performed according to the approved plans and meets CCSD #1 requirements. The engineer shall ensure that all publicly and privately maintained storm lines will be cleaned, flushed and video inspected at the owners expense.
3. On completion of construction, certify that CCSD #1 requirements have been met by means of a licensed engineer's stamp on the Asbuilts as described below. As-built information shall include actual surveyed data for invert elevations at all catch basins, manholes, and control structures accurate to the nearest 0.10 ft. The accuracy of the plans will be thus certified: "I hereby certify that to the best of my knowledge the final construction of the storm sewer system shown here has met the requirements of CCSD #1, and that these drawings accurately represent the storm system as actually constructed."
4. If the site is within 1/2 mile of an established and recorded bench mark, certify the Asbuilts with the following statement stamped by a licensed surveyor or engineer: "I certify that the elevations shown on this As-Built drawing are based on the best available bench mark based on the North American Vertical Datum (NAVD) datum and are accurate to the nearest 0.10 ft".
5. Provide an Asbuilt drawing of any flow control structure(s) and show the surveyed overflow riser pipe elevation and location, orifice size, elevation, and location, size and location of pipes connected to the structure, sump elevation, and any other pertinent information. Include a statement certifying the actual detention volume between the outflow elevation and the overflow elevation.
6. Prepare "Asbuilt" plans for the constructed storm sewer system, including a certificate of completion. Asbuilts shall be submitted both as mylar copies, and in an electronic disk in AutoCAD format. The electronic disk and contents shall become the property of the District. The Engineer and Owner have a full understanding that Release of Public Records of said Asbuilt drawings and electronic data is subject to public records information, and the release of public records is standard practice.

Engineer _____ Date _____

by _____

Owner _____ Date _____

by _____