



THE CITY OF MARYSVILLE

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ENGINEERING DIVISION RECORD (AS-BUILT) PLAN REQUIREMENTS

The design engineer shall, in conjunction with the formal request for project compliance, submit a letter to the Engineering Division indicating plan information has been specifically confirmed, or changed, reflecting as-built data obtained in the field. The letter shall be accompanied by the record project mylars, one paper set of prints, and the electronic files in AutoCAD format and images of the plans in PDF format on a compact disk.

The record project mylars shall specifically note (with a check mark) that the engineering plan items listed below are within acceptable construction tolerances for field practice in civil engineering, or are revised per the as-built field data obtained. Plan changes approved by the City Engineer during the construction are to be incorporated into the record plans at this time. Any variation from field conditions to the proposed plan shall be shown by:

- Line through plan data (do not delete original proposed plan data)
- Show field change next to lined out information

Engineering plan items to confirm or note revised as constructed (as applicable):

Sanitary Sewer System:

- Structure locations
- Invert elevations
- Top of casting elevations
- Pipe grades
- Pipe material
- Wye locations

Storm Water Management System:

- Structure locations
- Invert elevations
- Top of casting elevations
- Pipe grades
- Pipe material
- Orifice plates (location and size of opening)
- Proof surveys verifying detention/retention facilities location and capacity
- Channel modifications or improvements

Water Distribution System:

- Main line valve locations
- Hydrant and watch valve locations
- Hydrant manufacturer and year of manufacture
- Pipe size and class
- Size of service taps and location of water service boxes

Grading:

The act of submission of the record plans by the design engineer as part of the formal request for project compliance serves as verification that non-roadway storm sewer casting elevations are within 0.1 foot of approved plan data and all grades are within 0.1 foot of the approved grade elevations.

Grading features necessary for project compliance:

- All rear yard swales (as applicable)
- Major flood routing path
- Other major grading elements significant to the project

Projects whose site grading will be effected by ongoing building construction, which will generate additional fill, will have to dispose of this excess fill offsite unless prior approval is received by the City.