

6. RECORD (AS-BUILT) DRAWINGS

6.01 GENERAL

Prior to the release of any bond or surety, the Developer, through his Engineer, shall submit "As-Built" drawings to the District for review and approval.

6.01.1 The submittal and review process shall be as outlined in Section 4 and as detailed herein.

6.01.2 One CD containing electronic files of plat, paving and grading plans, reports, other supporting information, and the final version of as-builts drawings shall be submitted to the District's Engineer's office on the same day. The CD shall contain an index file with a brief description of CD file contents, and shall be labeled with project name, company name, and point of contact. Documents and spreadsheets shall be submitted in either MS Word, Word Perfect, Excel, Lotus, or other format approved by the engineer. Drawings shall be submitted in AutoCad, Microstation, or other format approved by the engineer.

6.02 SIGNATURE AND SEAL

All record drawings shall be signed and sealed by the Engineer of Record. Such signature shall evidence that he has reviewed the information, finds it in substantial accordance with the design; and where deviations from the design exist, that said deviations are not to the detriment of the project or the District.

6.03 DRAWINGS

As-Built information shall be superimposed on the original design drawings.

6.04 INFORMATION TO BE SUPPLIED

- 6.04.1** Roadway elevations crown edge of pavement, swale, and right-of-way line at 100' intervals; and at the high and low points of the road.
 - 6.04.1.1** If roadway elevations are not the finished pavement, a note detailing the stage of construction when the elevations were taken, i.e. top of rock first lift of asphalt, etc.
- 6.04.2** Drainage structures shall show rim and grate elevations, invert elevations of all pipes along with their size, material, and length, top and invert of headwalls, and the elevations of the control structure, including weir size and length, notches, and orifices.
- 6.04.3** Lake, pond, canal, and/or waterways shall be cross sectioned at 100 foot intervals. The cross section shall be referenced to the easement line, shall show top of bank, sodded area, edge of water, planted wetland vegetation, slope breakpoint, and bottom, and their elevations. The design template shall be shown on the each section.
- 6.04.4** Perimeter berms shall be cross sectioned at 100 foot intervals. The cross sections shall be referenced to the property line and show the elevations of the top of berm, property line, and toe of berm.
- 6.04.5** Drainage swales shall have flowline elevations shown at 100 foot intervals or fraction thereof.
- 6.04.6** Dry retention areas shall show bottom elevations at 100 foot grid points, and bottom area.