

SECTION 6 INSPECTIONS AND AS-BUILT PLANS

6.1 GENERAL

All projects within the boundaries of the District that are related to drainage or stormwater management shall be inspected and approved by the District.

6.2 SITE INSPECTIONS

The District's inspector shall inspect all drainage work when under construction. The District shall be notified at least forty-eight (48) hours/two (2) working days in advance of a required inspection by calling District Headquarters at (954) 680-3337. All underground facilities shall be inspected by the District prior to backfilling. The cost of all initial periodic inspections by the District shall be borne by the applicant via the permit fee. Re-inspections and/or extraordinary inspections shall be subject to additional fee charges by the District. **A minimum of monthly status reports on the project's progress shall be submitted, by the permittee, on or before the 15th day of each month to the District.**

6.3 AS-BUILT PLANS - DRAINAGE AND ROADS

When a project is complete, the applicant shall provide to the District a complete set of as-built plans and an AutoCad compact disc or 3 ½ inch disc for the construction that was accomplished. The as-built information shall include the invert elevations of all newly installed drainage pipes, the invert and grate elevation of all drainage structures, the edge of pavement and crown elevation of all roads and parking areas, the elevation of all swales etc. and any other information required by the District to determine that the drainage and road system will function as intended. All as-built information shall be overlaid on the approved permit drawings so that the District can determine the conformity to the design drawings. **There will be no final inspections by the District until as-built plans are received.** Refer to **Exhibit 3, Checklist for As-Built Plans.**

6.4 AS-BUILT PLANS - LAKES AND WATERWAYS

Extreme caution shall be used when constructing lakes and canals to assure that the side slopes are maintained in accordance with the approved plans. To assure that construction of lakes and water bodies is proceeding according to the approved plans, the District may require that the applicant provide progress surveys during the construction to indicate the deep cut line and the edge of the proposed slope. Upon completion of the excavation, the applicant shall submit as-built drawings showing the information specified in **Exhibit 26, As-Built Lake Section**, and an AutoCad compact disc or 3 ½ inch disc of the as-built submittal. The as-built lake cross sections shall be provided at 100 foot intervals at a maximum or at all pipe outfalls where there is no headwall.

As-built elevations at the top of the lake maintenance easement, the top of bank, the edge of water and the deep cut line must be within 0.2 feet of the approved design grades. In addition, the as-built slope from the top of bank to the edge of water and from the edge of water to the deep cut line must not be steeper than 3.5:1.

There will be no final inspections by the District until the as-built package, which includes test results for the stabilization of the maintenance easements, are received. Refer to **Exhibit 3, Checklist for As-Built Plans**.

6.5 AS-BUILT ENGINEER CERTIFICATION

The developer's engineer of record shall submit an affidavit stating that the project has been completed in substantial conformance with the plans which had been originally submitted to the District for approval and for which the permit was issued. If applicable, this affidavit shall also state all changes or modifications to the plans as originally approved.

Certification should be substantially in the following form:

"I, _____, a Florida registered Engineer, whose Florida

Professional License Number is _____, certify that I have reviewed the as-built plans which accompany this certification and that the as-built plans are in substantial conformance with the plans which had been originally submitted to the District for approval and for which the permit was issued. The changes or modifications to the plans as originally approved are as follows: _____” (If no changes or modifications, state: “NONE”).

6.6 CONSTRUCTION DEFICIENCIES

The as-built plans that are submitted shall be reviewed by the District for conformance to the approved design drawings. Any deviations from the design drawings shall be corrected by the applicant unless it can be demonstrated to the District that the system will function with the variance. Where as-built drawings identify lake slopes which are steeper than the tolerances specified in **Section 6.4**, the applicant shall take immediate steps to correct the defect. The correction shall be accomplished prior to the District releasing any improvement bonds and prior to the commencement of construction of any structures adjacent to the water body.