STORMWATER MANAGEMENT
CONSTRUCTION SPECIFICATIONS

1. SITE PREPARATION

A. Clear and grade the storm sewer lines, conduits, and structures before installing the sewer lines, conduits, and structures. The design shall be depicted on the plans and specifications. Includes any grading, curbing, and edging that may be necessary to ensure proper drainage. The grade shall be set at elevations that will not interfere with the future construction of the stormwater management system.

2. EARTH FILL

A. Fill shall be placed and compacted in lifts not to exceed 6" in thickness. Each lift shall be compacted with a roller or equivalent equipment to a minimum of 90% of the maximum density. The fill shall be placed in the direction of the stream so that the earth will not erode. The finished grade shall be established before the fill is placed and compacted.

3. STRUCTURAL BIBLIOGRAPHY

A. The structural design shall be prepared by a registered professional engineer. The design shall be in accordance with the American Society of Civil Engineers (ASCE) standards and the specifications of the American Association of State Highway and Transportation Officials (AASHTO). The design shall be reviewed and approved by the appropriate agency before construction begins.

4. ALLOWABLE SLOPE

A. All slopes shall be constructed in accordance with the applicable codes and standards. The allowable slope shall be determined by the local health department and the appropriate agency. The design shall be reviewed and approved by the appropriate agency before construction begins.

5. CONCRETE - SUMMARY

A. Concrete shall be placed in lifts not to exceed 6" in thickness. Each lift shall be compacted with a roller or equivalent equipment to a minimum of 90% of the maximum density. The concrete shall be placed in the direction of the stream so that the earth will not erode. The finished grade shall be established before the concrete is placed and compacted.

6. PERMANENT SECTIONS

A. All permanent sections shall be placed in accordance with the specifications and the schedule of work. The permanent sections shall be placed in the direction of the stream so that the earth will not erode. The finished grade shall be established before the permanent sections are placed and compacted.