STORMWATER MANAGEMENT
CONSTRUCTION SPECIFICATIONS

1. GENERAL

Unless otherwise noted on the plans and specifications, and in the following.


2. SITE PREPARATION

2.1 Existing Structures and Surfaces

Areas designated for terrain analysis, embankment and structural work shall be secured, graded, and shaped to slope, and other appropriate methods of erosion control shall be employed. Graded and shaped areas shall be protected against future washout or erosion.

2.2 Storm Drainage

Areas to be cleared by the joint or receptor will be cleared of all trees, brush, topsoil, and other materials necessary for the development thereof. Storm drain lines shall be made permanent with the ground. All cleared and graded materials shall be disposed of as shown and the work of this project completed in accordance with plans and specifications.

3. EARTHWORK AND EARTH FILL

3.1 Earthwork

The earth fill material to be taken from approved designated borrow areas shall be free from rock, stones, trash, mud, gravel, and similar materials. The fill shall be constructed to be an erosion control which provides for stabilized embankment in the dam elevation. No fill material shall be placed over the dam except for good drainage material, under erosion control shown on the plans.

3.2 Landscape Erosion Control

Grading of earth fill to be placed shall be final and approved by the LGPC prior to placement. All earthwork shall be placed in 10" lifts, except as noted on the plans. A survey shall be made of the entire work before placing the earth fill material.

4. PIPE CONDUITS

4.1 Conveyance Pipe

Materials - The pipe and its components shall be galvanized and/or protected with a suitable coating. The coating shall be of the type specified in the Standard Specifications for Pipe - Item 88. The coating shall be of a type approved by the LGPC.

Connections - All connections with pipe shall be made with watertight glands or watertight couplings. All glands shall be of the type approved by the LGPC. The glands shall be of a type approved by the LGPC.

Backfill - Backfill shall be placed in accordance with the plans and specifications. Backfill shall be placed in accordance with the plans and specifications. Backfill shall be placed in accordance with the plans and specifications.

5. STRUCTURES

Concrete structures shall be made in accordance with the Maryland Board of Public Works, Standards for Construction Specifications for Concrete Structures, 1962, as amended, including:

5.1 Concrete

5.2 Reinforced Concrete

6. STABILIZATION

6.1 Vegetation and Turf Maintenance

All areas suitable for vegetation shall be provided with permanent drainage and soil and vegetative cover shall be maintained in accordance with the Standard Specifications for Construction Specifications for Vegetation and Turf, 1962, as amended, including:

6.2 Erosion and Sediment Control

Construction operations shall be carried out in such a manner that no erosion will occur and no sediment will be transported from the site.

6.3 Filter Fabric

Filter fabric, when placed, shall be made in accordance with the plans and specifications.

Laying Pipes - The pipe shall be placed in accordance with the plans and specifications. Backfill shall be placed in accordance with the plans and specifications. Backfill shall be placed in accordance with the plans and specifications.