

SECTION 02000 - EROSION CONTROL

PART 1 - GENERAL

1.01 SUMMARY

- A. THIS SECTION INCLUDES:
 - 1. Erosion and sedimentation control devices and measures.
 - 2. State of Georgia NPDES permit monitoring and reporting requirements.

1.02 RELATED DOCUMENTS/SECTIONS

- A. Contract documents and drawings, geotechnical soils engineering report. Refer to appropriate related sections as applicable.

1.03 REFERENCED STANDARDS

- A. The Manual for Erosion and Sediment Control in Georgia (**MESCG**).
- B. State of Georgia current NPDES permit requirements for proposed construction activity.

1.04 DESCRIPTION OF WORK

- A. This work shall consist of erosion and sedimentation control measures and devices, installation and maintenance as shown on the drawings or directed by the authority having jurisdiction for the life of the Contract.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. All materials and construction shall conform to the **Manual for Erosion and Sediment Control in Georgia** (hereinafter referred to as **MESCG**), current edition.
- B. Temporary and permanent grassing, landscaping, trees or other vegetation shall conform to the Contract documents, plans, and drawings and the MESCG. Contractor shall coordinate with Architect on all phases of landscaping. Refer to MESCG for detailed planting specifications, dates, and appropriate materials.
- C. All erosion control Matting and Blankets materials shall be temporary

matting and blankets and shall be biodegradable and photodegradable. Do not install permanent type matting or blankets which are non-biodegradable or non-photodegradable unless specifically shown on plans.

PART 3 – EXECUTION

3.01 EXECUTION

- A. **All erosion and sedimentation control measures shall be installed prior to any land disturbing activity in accordance with the MSCG.**
- B. **PERMANENT GRASSING REQUIREMENTS:**
THE CONTRACTOR SHALL ESTABLISH PERMANENT GRASSING PER PLANS AND SPECIFICATIONS ON ALL DISTURBED AREAS WHETHER SHOWN ON THE PLANS OR NOT. GRASS TYPE AND MATERIAL SUBJECT TO OWNER/ARCHITECT APPROVAL.
- C. **NPDES STORM WATER DISCHARGE MONITORING REQUIREMENTS:**
CONTRACTOR SHALL FULLY COMPLY WITH THE CURRENT STATE OF GEORGIA NPDES PERMIT REQUIREMENTS FOR NOTIFICATION, DOCUMENTATION, MONITORING, MAINTENANCE AND REPORTING REQUIREMENTS. CONTRACTOR SHALL COPY TO OWNER IMMEDIATELY ALL NOTIFICATION, REPORTING, AND DOCUMENTATION REQUIRED OR RELATED TO NPDES PERMIT REQUIREMENTS.
- D. Construction exit shall be maintained in a condition which will prevent tracking or flow of mud onto public streets.
- E. All erosion control grassing and landscaping shall comply with the "Vegetative Considerations" in the MSECG.
- F. All measures shown on the construction plans shall be installed. Additional measures may be required as necessary by the local authority having jurisdiction or the project Engineer.
- G. Erosion control devices shall be periodically inspected and repaired, cleaned out, or restored as needed in order to function properly until permanent erosion control measures are established.

- H. All disturbed areas shall be permanently grassed and landscaped as soon as possible after grade is established.

- J. All naturally occurring water, streams, creeks, lakes, springs, etc. present on site shall have a minimum 25 foot undisturbed natural buffer measured from the top of bank. Tributaries to the Chattahoochee River, designated trout streams, or other such water sources, shall have a buffer of 35 feet or more.
Contractor shall confirm minimum buffer width as required by the State of Georgia. Local authority may require buffer width(s) greater than State of Georgia. Contractor shall determine minimum buffer width and maintain said buffer throughout construction. The Contractor shall not encroach this buffer whether shown on the plans or not unless a buffer waiver permit has been acquired.

- K. Install Rock Dams (Rd) at any and all points of concentrated flow which impacts any and all Silt Fence (Sd1). Concentrated flow may occur naturally or as a result of construction or temporary or final grading. The Contractor is responsible for field verification of any concentrated flow points which impact Silt Fence (Sd1) and installation of Rock Dams (Rd) at all such locations. Remove Silt Fence for required width of Rock Dam(s). Install Rock Dams so that all concentrated flow is filtered through the Rock Dams and no flow is allowed to bypass around the sides of the Rock Dams or between the Rock Dams and Silt Fence.

END OF SECTION 02000