

SECTION 02270

TEMPORARY EROSION CONTROL

PART 1 GENERAL

1.01 SCOPE OF WORK

- A. Erosion control shall be employed during all phases of the construction period and shall include all measures required to prevent soil erosion from the site until permanent erosion control measures are installed. WORK shall be accomplished through, but not limited to, the use of berms, dikes, sediment barriers, sediment traps, sediment basins, silt fences, temporary grasses, check dams, mulching, construction exits and slope drains.
- B. Erosion control measures described herein shall be installed prior to initiation starting construction activities and continued until such time as permanent planting and restoration of natural areas is effectively in control of erosion from project site.
- C. Failure to install and maintain temporary erosion control measures throughout the construction period may be cause to halt construction by the TOWN or governing authorities until such measures are correctly installed and operational.

For obtaining a Land Disturbance Activity Permit, The DEVELOPER/CONTRACTOR shall submit the Erosion control Plan and Application to the Town of Braselton for review and comment.

The Development Permit will not be issued until the TOWN has approved the plan and issued the Land Disturbance Permit.

1.02 RELATED WORK

Section 02272 - Rip Rap

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
- B. DEVELOPER/CONTRACTOR shall comply with applicable codes, rules, ordinances, regulations, and laws of local, municipal, state or federal authorities having jurisdiction over project.
- C. "Manual for Erosion and Sediment Control in Georgia" published by the State Soil and Water Conservation Committee of Georgia, latest edition.

- D. DEVELOPER/CONTRACTOR shall comply with the State of Georgia Erosion and Sedimentation Control Act of 1975, latest amendment or revision. All erosion and sedimentation control measures shall be designed, installed, and maintained in accordance with the Manual for Erosion and Sedimentation Control in Georgia, latest edition.
- E. DEVELOPER/CONTRACTOR shall comply with Georgia Department of Natural Resources Environmental Protection Division National Pollutant Discharge Elimination System (NPDES) General Permits for Construction Activity GAR 100001, GAR 100002 & GAR 100003 activity permits

PART 2 PRODUCTS

All products shall comply with the Manual for Erosion and Sedimentation Control in Georgia, latest edition.

PART 3 EXECUTION

3.01 RUN-OFF EROSION AND SEDIMENTATION CONTROLS

- A. During construction, route run-off through sedimentation barriers and check dams as practical.
- B. DEVELOPER/CONTRACTOR shall maintain sedimentation devices in functional condition. Sedimentation barrier, silt fences, and check dams shall be cleaned out when these devices are **AT MOST** 60 percent of their capacity. Defective materials in barriers and check dams shall be replaced.
- C. DEVELOPER/CONTRACTOR shall establish sedimentation barriers at the toe of slopes under construction. These barriers may be relocated and reused after permanent slope stabilization becomes established. As they are relocated, any defective materials shall be replaced. In addition, all debris and silt at previous location will be removed.
- D. A 6-inch minimum thickness of crushed stone construction exit pad shall be located at all access points to site from public streets in accordance with details shown on Drawings. All construction vehicles leaving construction site shall have mud cleaned from their tires at these points to protect public streets from the transportation of sediment from site.

3.02 CLEANUP AND REMOVAL

- A. At the time that permanent erosion control is effective, temporary devices and their accumulated sediments shall be removed.
- B. Silts and deposits removed from control barriers shall be placed in eroded areas and shall be replanted.

END OF SECTION