

# TABLE OF DETAILS

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310.01	<b>Sedimentation &amp; Erosion Control Details</b> Erosion Control Guide (3 Sheets)

# SEDIMENTATION AND EROSION CONTROL

## EROSION CONTROL GUIDE

ANY EROSION CONTROL DEVICES OR METHODS SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES - EROSION AND SEDIMENTATION CONTROL PLANNING AND DESIGN MANUAL AND ALL AMENDMENTS. THE EROSION CONTROL DEVICES AND METHODS THAT FOLLOW ARE SUPPLEMENTAL TO THE STATE MANUAL. OTHER DEVICES & METHODS NOT INCLUDED IN THE STATE MANUAL MAY BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

### EROSION CONTROL NOTES:

1. Scheduling of a preconstruction conference with the Engineering Department is required prior to initiating land disturbing activities. For scheduling please call (252) 329-4467. A 24-hour notice is required. No person may initiate a land disturbing activity before notifying the City of the date of the land disturbing activity.
2. No land disturbing activity beyond that required to install appropriate erosion control may proceed until erosion control measures are inspected and approved by the City.
3. Seeding and mulching or otherwise providing ground cover devices or structures sufficient to restrain erosion for all exposed slopes is required within 21 working days of completing any phase of grading.
4. Contractor shall inspect and maintain all erosion control devices on a weekly basis and after each major storm event. Failure to maintain erosion control devices may result in an issuance of stop work order or civil penalties up to \$5,000 per day of violation. Sites utilizing sediment traps must also specify a maximum depth of sediment prior to clean out.
5. The City Engineer reserves the right to require additional erosion control measures should the plan or its implementation prove to be inadequate.
6. Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations and rules. In addition, local City and County ordinances or rules may also apply to this land disturbing activity. Approval by the City does not supersede any other permit or approval.
  - A. Please be advised of the rules to protect and maintain existing buffers along watercourses in the Neuse and Tar River basins. These rules are enforced by the Division of Water Quality (DWQ). Direct any questions about the applicability of these rules to your project to the regional water quality supervisor, Washington Regional Office at (252) 946-6481.



ENGINEERING DEPARTMENT  
Greenville, North Carolina 27834

**CITY OF GREENVILLE, N.C.**

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1	9/1/23	APPROVAL	L. KIRBY

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## **EROSION CONTROL GUIDE**

SEEDING AND MULCHING:

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

All Roadway Areas

**March 1 - August 31**

- 50# Tall Fescue
- 10# Centipede
- 25# Bermudagrass (hulled)
- 500# Fertilizer
- 4000# Limestone

**September 1 - February 28**

- 50# Tall Fescue
- 10# Centipede
- 35# Bermudagrass (hulled)
- 500# Fertilizer
- 4000# Limestone

Water and Borrow Locations

**March 1 - August 31**

- 75# Tall Fescue
- 25# Bermudagrass (hulled)
- 500# Fertilizer
- 4000# Limestone

**September 1 - February 28**

- 75# Tall Fescue
- 35# Bermudagrass (hulled)
- 500# Fertilizer
- 4000# Limestone

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

Approved Tall Fescue Cultivars

2nd Millennium	Chipper	Focus	Masterpiece	Quest	Titan Ltd.
Avenger	Coronado	Grande II	Matador	Rebel Exeda	Titanium
Barlexas	Coyote	Greenkeeper	Matador GT	Rebel Sentry	Tomohawk
Barlexas II	Davinci	Greystone	Millennium	Regiment II	Tacer
Barrera	Dynasty	Inferno	Montauk	Rembrandt	Trooper
Barrington	Dominion	Justice	Mustang 3	Rendition	Turbo
Biltmore	Duster	Jaguar 3	Olympic Gold	Scorpion	Ultimate
Bingo	Endeavor	Kalahari	Padre	Shelby	Watchdog
Bravo	Escalade	Kentucky 31	Paraiso	Signia	Wolfpack
Cayenne	Falcon II, III, IV & V	Kitty Hawk	Picasso	Silverstar	
Chapel Hill	Fidelity	Kitty Hawk 2000	Piedmont	Southern Choice II	
Chesapeake	Finesse II	Lexington	Pure Gold	Stetson	
Constitution	Firebird	Magellan	Prospect	Tarheel	



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On cut and fill slopes 2:1 or steeper Centipede shall be applied at a rate of 5 pounds per acre and add 20# of Sericea Lespedeza.

Fertilizer shall be 10-20-20 analysis. A different analysis of fertilizer may be used provided the 1-2-2 ratio is maintained and the rate of application adjusted to provide the same amount of plant food as a 10-20-20 analysis and as directed.

All areas seeded and mulched shall be tacked with asphalt or crimped in accordance with the following section.

**CRIMPING STRAW MULCH:**

Straw mulch shall be sufficient length and quality to withstand the crimping operation.

Crimping equipment including power source shall be subject to the approval of the Engineer providing that maximum spacing of crimper blades shall not exceed 8”.

**SINGLE FAMILY RESIDENTIAL CONSTRUCTION EROSION CONTROL:**

Standard Erosion and Sedimentation Control Plan Sets for small residential lots can be found on the Erosion and Sediment Control Forms page of the North Carolina Environmental Quality - Energy, Mineral, & Land Resources web page.



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