

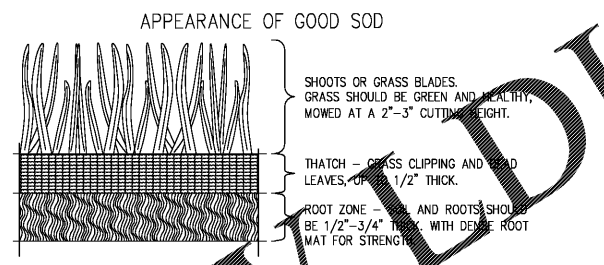
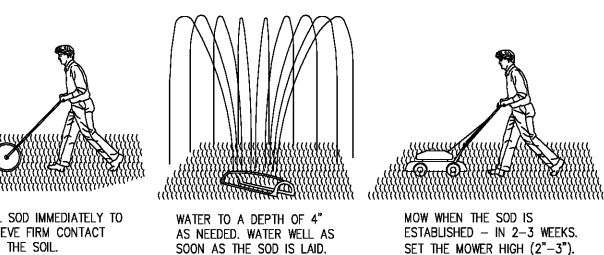
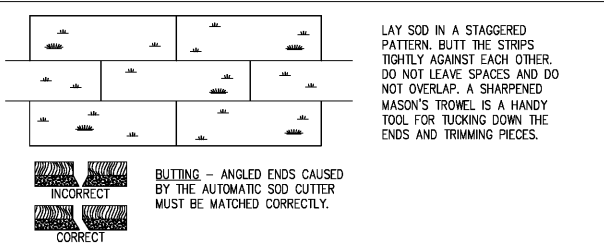
Grass Varieties	Growing Season
Bermudagrass Common Tifway Tifgreen Tifton	Warm Weather
Bahiagrass Pensacola	Warm Weather
Centipede	Warm Weather
Zoysia Emerald Meyer	Warm Weather Cool
Tall Fescue Kentucky	Weather

**MAINTENANCE:**  
 Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not be cut less than 2"-3" or as specified (See table above).  
 Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with the soil tests or the below table.

Types Of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	Nitrogen Top Dressing Rate (lbs./acre)
Cool Season Grasses	First Maintenance	6-12-12	1500	50-100
	Second Maintenance	6-12-12	400	30
Warm Season Grasses	First Maintenance	6-12-12	1500	50-100
	Second Maintenance	6-12-12	400	30

Measure	Relative Cost	Relative Complexity
Live Stake	Low	Simple
Joint planting	Low*	Simple*
Live fascine	Moderate	Moderate
Bushmatress	Moderate	Moderate to Complex
Live cribwall	High	Complex
Branchpacking	Moderate	Moderate to Complex
Conventional Vegetation	Low to Moderate	Simple to Moderate
Conventional Bank armoring (riprap)	Moderate to High	Moderate to Complex

**MAINTENANCE:**  
 Check banks after every high water event, fixing gaps in the vegetative cover at once with structural materials or new plants, and mulching if necessary. Fresh cuttings from other plants may be used for repairs.  
 When fertilizer is applied on the surface, it is best to apply about one-half at planting, one-fourth when new growth is about 1/2 inches tall, and one-fourth about six weeks later.



- PURPOSE:**
- TO PREVENT THE MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES
  - PREVENT THE MOVEMENT OF AIRBORNE SUBSTANCES THAT MAY BE HARMFUL TO HEALTH.
- INSTALLATION:**
- APPLY ACCORDINGLY TO APPROVED PLAN, IF SHOWN.
  - MULCH DISTURBED AREAS AND TACKIFY WITH RESINS SUCH AS ASPHALT, CURASOL OR TERRATAK ACCORDING TO MANUFACTURERS RECOMMENDATIONS
  - STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT VEGETATION.
  - IRRIGATE DISTURBED AREAS UNTIL SURFACE IS WET.
  - COVER SURFACES WITH CRUSHED STONE OR GRAVEL.
  - APPLY CALCIUM CHLORIDE AT A RATE TO KEEP SURFACE MOIST.
  - APPLY SPRAY-ON ADHESIVES TO MINERAL SOILS (NOT MUCK SOILS) AS DESCRIBED IN TABLE 1

TABLE 1

Product	Ratio	Application	Cost
ANIONIC ASPHALT EMULSION	7:1	COARSE SPRAY	1,200
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1	FINE SPRAY	300

- MAINTENANCE:**
- PROHIBIT TRAFFIC ON SURFACE AFTER SPRAYING.
  - SUPPLEMENTAL SURFACE COVERING AS NEEDED.

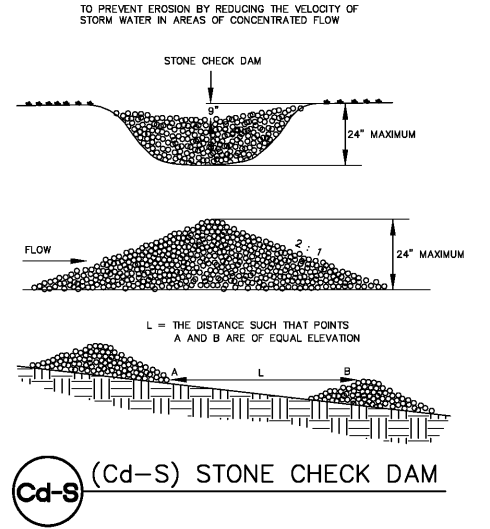


**CONSTRUCTION SPECIFICATIONS INSTALLATION**  
**Soil Preparation:**  
 Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils.  
 Topsoil properly applied will help guarantee a stand. Don't use topsoil recently treated with herbicides or soil sterilants.  
 Mix fertilizer into soil surface. Fertilize based on soil tests or the table below.

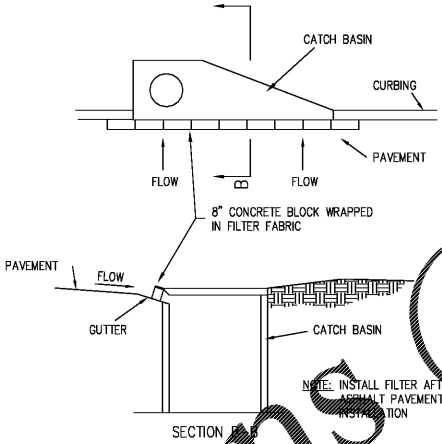
Fertilizer Type	Fertilizer Rate (lbs./acre)	Fertilizer Rate (lbs./sq.ft.)	Season
10-10-10	1000	.025	Fall

Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.  
**Installation:**  
 Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod.  
 On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil.  
 Irrigate sod and soil to a depth of 4" immediately after installation.  
 Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks.  
**Materials:**  
 Sod selected should be certified. Sod grown in the general area of the project is desirable.  
 1. Sod should be machine cut and contain 3/4" (+ or - 1/4") of soil, not including shoots or thatch.

**Ds4 DISTURBED AREA STABILIZATION (WITH SODDING)**



**Cd-S (Cd-S) STONE CHECK DAM**



**CONSTRUCTION SPECIFICATIONS**  
 Once pavement has been installed, curb inlet filter shall be installed at inlets receiving runoff from disturbed areas. This method of inlet protection shall be removed if a solid standard is created.  
 One method of curb inlet protection uses 'pigs-in-a-blanket' which concrete blocks wrapped in filter fabric. Another method uses gravel bags constructed by wrapping DOT approved stone filter bags in plastic mesh, or equivalent material.  
 A gap of approximately 4 inches shall be left between the inlet filter and the inlet to allow for overflow and prevent hazardous ponding in the roadway. Proper installation and maintenance is crucial due to possible ponding in the roadway, resulting in a hazardous condition.

**MAINTENANCE**  
 Trap shall be inspected after each rain and repairs made as needed.  
 Sediment shall be removed when the sediment has accumulated to one-half the height of the trap. Sediment shall be removed from curb inlet protection immediately. For excavated inlet sediment traps, sediment shall be removed when one-half of the sediment storage capacity has been lost. Sediment accumulation. Sod inlet protection shall be maintained as specified in Ds4-Disturbed Area Stabilization (with sodding).  
 Sediment shall not be washed into the inlet. It shall be removed from the sediment trap and disposed of and stabilized so that it will not enter the inlet, again.  
 When the contributing drainage area has been permanently stabilized, all materials and any sediment shall be removed, and either salvaged or disposed of properly. The disturbed area shall be brought to proper grade, then smoothed and compacted. Appropriately stabilize all disturbed areas around the inlet.

**Sd2-P INLET SEDIMENT TRAP CURB INLET FILTER "PIGS IN A BLANKET"**

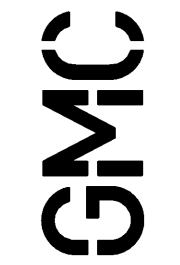
NORTHGATE HIGH SCHOOL  
 SANITARY SEWER  
 COWETA COUNTY WATER AND SEWERAGE AUTHORITY



EROSION AND SEDIMENTATION CONTROL DETAILS

C.38 sheet of

6120 Powers Ferry Road NW, Suite 350  
 Atlanta, GA 30339  
 T 770.952.2481  
 GMCNETWORK.COM



DRAWING FILE: K:\Projects\Coweta\CA TL190025 - Northgate High School Sanitary Sewer\DWG\CA TL190025-EROSION.rvt  
 PLOTTED: Oct 17, 2019 - 9:08am