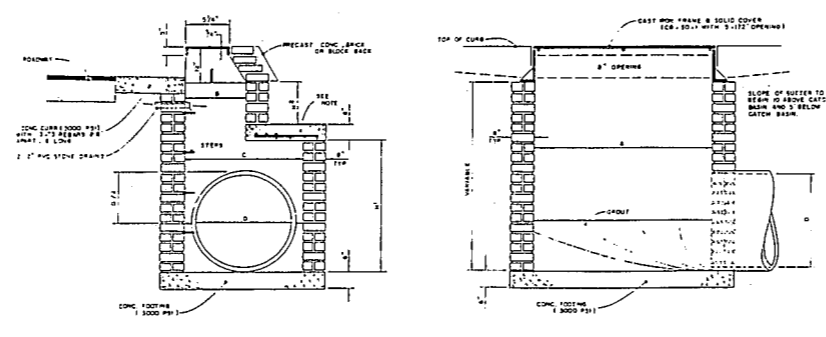
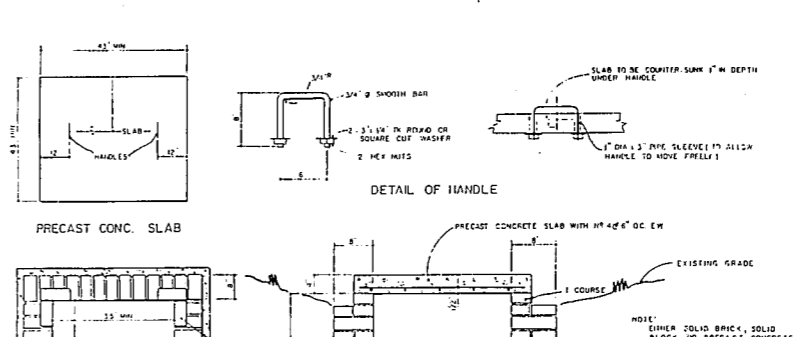


CROSS SECTION
CONSTRUCTION ENTRANCE (1) 14

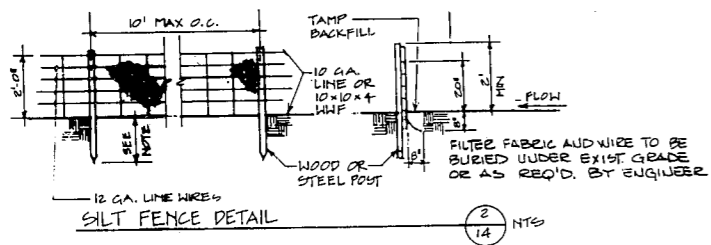


PLAN PROFILE
STANDARD OPEN-THROATED CATCH BASIN (4) 14



PLAN PROFILE
STANDARD YARD INLET WITH CONCRETE SLAB (8) 14

NOTE: U.V. RESISTANT GEOTEXTILE FABRIC OR APPROVED EQUIVALENT FILTER FABRIC 30' MIN. WIDTH



12 GA. LINE WIRE
SILT FENCE DETAIL (2) 14

CONSTRUCTION SEQUENCE (5) 14

1. Obtain Grading Permit.
2. Install all erosion control measures as shown.
3. Obtain Certificate of Compliance through on-site inspection by Town Erosion Control Engineer.
4. Proceed with grading.
5. Clean sediment basins when half full.
6. Seed and mulch denuded area within 30 days after finished grades are established.
7. Maintain soil erosion control measures until permanent ground cover is established.
8. Remove soil erosion control measures and stabilize these areas.
9. Request final approval by Town Erosion Control Engineer.

SEEDING SCHEDULE (6) 14

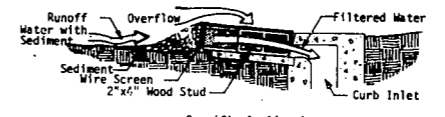
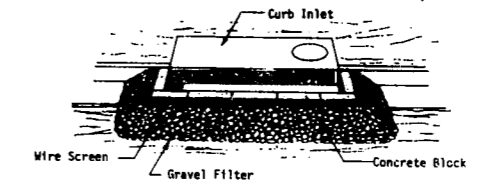
DATE	TYPE	PLANTING RATE
Aug 15 - Nov 1	Tall Fescue	300 lbs./acre
Nov 1 - Mar 1	Tall Fescue & Annual Ryegrass	300 lbs./acre
Mar 1 - Apr 15	Tall Fescue	300 lbs./acre
Apr 15 - Jun 30	Multi-Common Bermudagrass	35 lbs./acre
Jul 1 - Aug 15	Tall Fescue and Bromus willardii	120 lbs./acre
	and/or Sorghum-Sudan Hybrid	35 lbs./acre
	Slopes (3:1 to 1:1)	
Mar 1 - Jun 1	Berlina Leppeds (certified)	50 lbs./acre
Mar 1 - Apr 15	Add Tall Fescue	120 lbs./acre
Mar 1 - Jun 30	Add Annual Ryegrass	10 lbs./acre
Mar 1 - Jun 30	OR Add Multi-Common Bermudagrass	35 lbs./acre
Jun 1 - Sep 1	Annual Ryegrass and Bromus willardii	120 lbs./acre
	and/or Sorghum-Sudan Hybrid	35 lbs./acre
Sep 1 - Mar 1	Berlina Leppeds (combined/certified)	70 lbs./acre
	and Tall Fescue	120 lbs./acre
Nov 1 - Mar 1	Add Annual Ryegrass	35 lbs./acre

- STEPS OF EROSION CONTROL MEASURES**
1. Upon clearing entrance road, contractor shall immediately install sediment trap per detail.
 2. Upon rough grading of walls, contractor shall install silt fence per detail.
 3. Upon initiation of fill work near entrance, contractor shall install silt fence per detail.
 4. Upon completion of rough grading and within 30 days of site grading initiation, contractor shall install temporary seeding and mulch to disturbed areas per specifications.
 5. Upon installation of permanent storm drainage system, contractor shall install sediment filters around all catch basins.
 6. Upon installation of storm drainage system, contractor shall permanently seed and mulch disturbed areas per job specifications.
- CAUTION - It shall be contractor's on job responsibility to maintain erosion control measures in place and to install additional measures as necessary.

Seedbed Preparation (9) 14

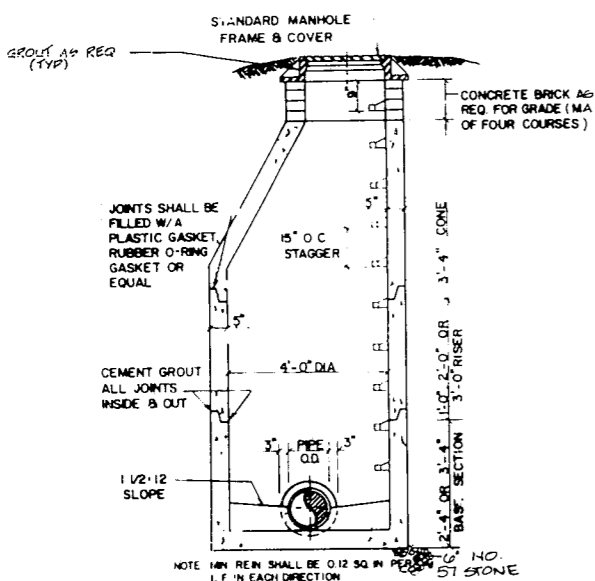
1. Chisel compact area and aeration topsoil 3 inches deep over adverse soil conditions, if available.
2. Rip the entire area to 4 inches depth.
3. Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
4. Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
5. Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
6. Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or mulch after seeding.
7. Mulch immediately after seeding and anchor mulch.
8. Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 50% damaged, reestablish following original lime, fertilizer and seeding rates.
9. Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.

- * Apply Agricultural Limestone = 2 tons/acre (5 tons/acre in clay soils)
- Fertilizer = 1,000 lbs./acre - 10-30-10
- Superphosphate = 300 lbs./acre - 201 analysis
- Mulch = 2 tons/acre - small grain straw
- Anchor - Asphalt Emulsion @ 300 gals./acre

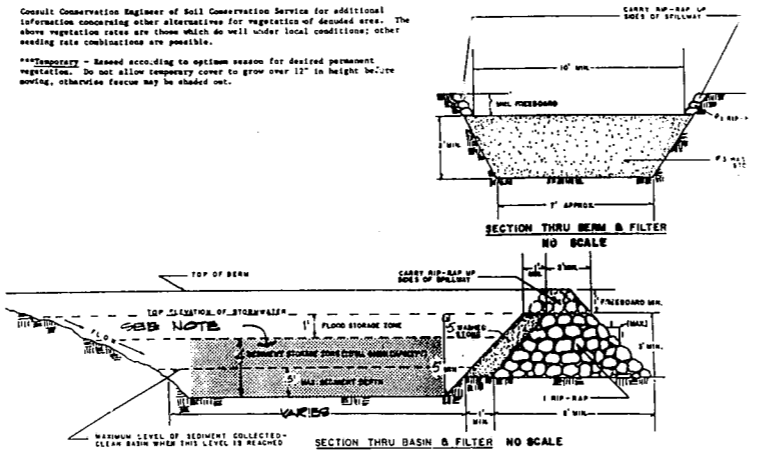


Specific Application
This method of inlet protection is applicable at curb inlets where an overflow capability is necessary to prevent excessive ponding in front of the structure.

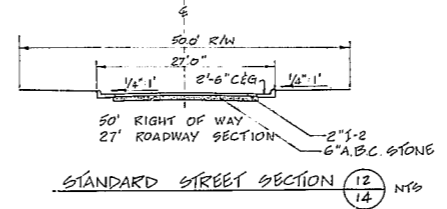
(11) 14 **BLOCK AND GRAVEL CURB INLET SEDIMENT FILTER**



TYPICAL PRECAST MANHOLE W/ CONCRETE BOTTOM (3) 14

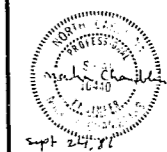


SED. TRAP DETAIL (7) 14



STANDARD STREET SECTION (12) 14

REVIEW PRINTS
DO NOT USE FOR CONSTRUCTION



Scale AS NOTED
Sheet **14** of 14
Date SEPT, 1980
File Number 86014

Dewberry & Davis
Engineers Architects Planners Surveyors
Two Forks Office Park 5922 Six Forks Road
Raleigh, North Carolina 27609 ☎ 919-847-0418

TRACT R-10
PARKWAY P.U.D. CARY, N.C.
OWNERS
RICHLAND PROPERTIES, INC.

ROADWAY, STORM SEWER &
EROSION CONTROL DETAILS

DWN CK'D. APP.