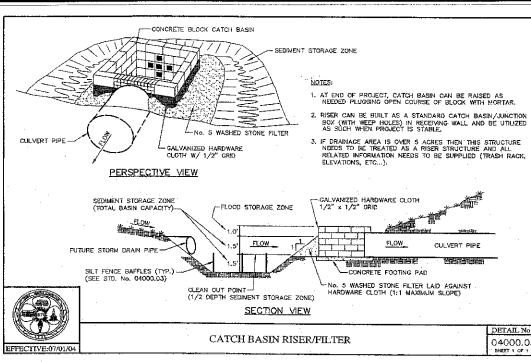


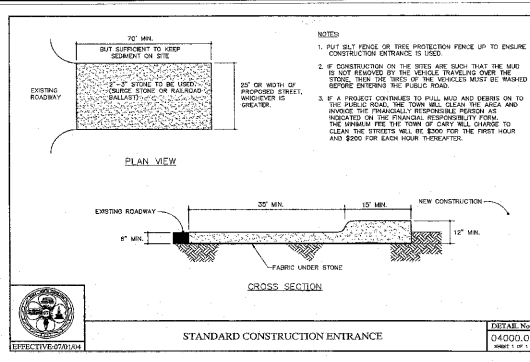
STANDARD TEMPORARY SILT FENCE

DETAIL No. 04000.01 SHEET 1 OF 1



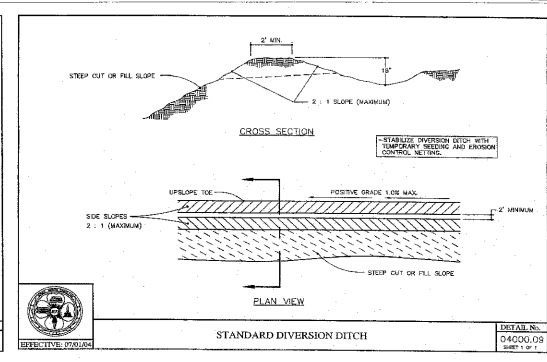
CATCH BASIN RISER/FILTER

DETAIL No. 04000.05 SHEET 1 OF 1



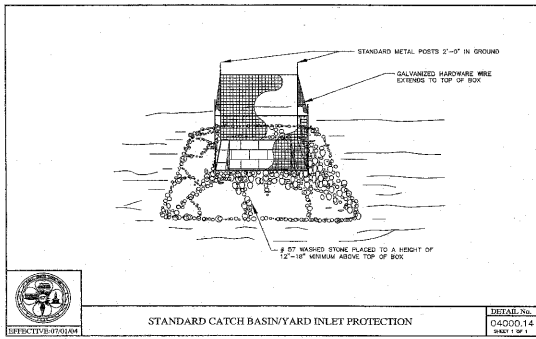
STANDARD CONSTRUCTION ENTRANCE

DETAIL No. 04000.07 SHEET 1 OF 1



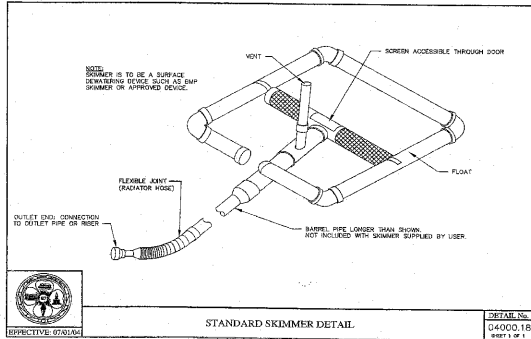
STANDARD DIVERSION DITCH

DETAIL No. 04000.09 SHEET 1 OF 1



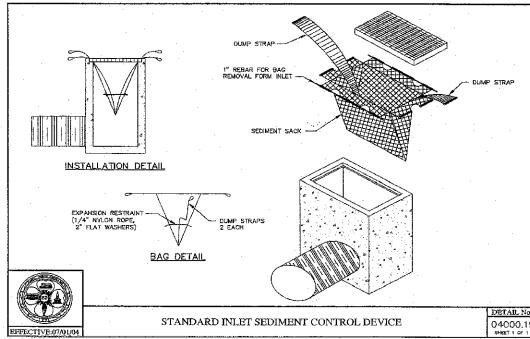
STANDARD CATCH BASIN/YARD INLET PROTECTION

DETAIL No. 04000.14 SHEET 1 OF 1



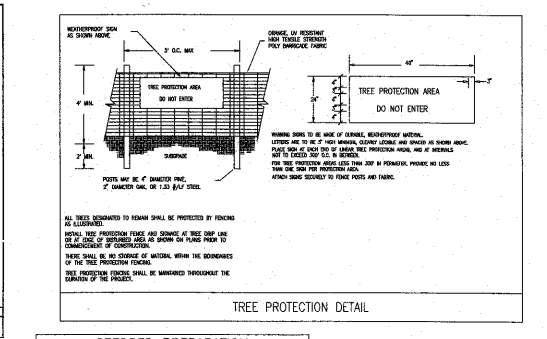
STANDARD SKIMMER DETAIL

DETAIL No. 04000.16 SHEET 1 OF 1



STANDARD INLET SEDIMENT CONTROL DEVICE

DETAIL No. 04000.18 SHEET 1 OF 1



TREE PROTECTION DETAIL

- SEEDBED PREPARATION**
- 1) Chisel, compact, cross and spread topsoil 3 inches deep over entire seedbed area.
 - 2) Rip the entire area to 6 inches depth.
 - 3) Remove all loose rocks, roots and other obstructions leaving surfaces reasonably smooth and uniform.
 - 4) Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see later).
 - 5) Condition strips until a well-purified, firm, reasonably uniform seedbed is prepared to 6 inches deep.
 - 6) Seed a heavily prepared seedbed and cover seed lightly with seeding equipment or backpack after seeding.
 - 7) Maintain immediately after seeding and cover seed.
 - 8) Inspect all seeded areas and make necessary repairs or reseedings within the starting season. If possible, if stand should be over 60% developed, maintain during original time, fertilizer and seeding rates.
 - 9) General Conservation Inspector or maintenance treatment and fertilization after permanent cover is established.
 - Apply Agricultural Lime - 2 Tons/Acre @ 2 lbs per Acre on clay soils
 - Fertilizer - 1,000 lbs/Acre - 10-10-10
 - Superphosphate - 500 lbs/Acre - 20%
 - Water - 2 Tons/Acre - small grade water
 - Mulch - Rapid Erosion @ 200 gal. acre
- CONSTRUCTION SEQUENCE**
- 1) Obtain Grading Permit.
 - 2) Install all erosion control measures as shown.
 - 3) Obtain Certificate of Compliance through on-site inspection by State Erosion Control Engineer.
 - 4) Proceed with grading.
 - 5) Open seedbed areas when soil is full.
 - 6) Seed and mulch disturbed areas within 30 days after finished grading are established.
 - 7) Maintain soil erosion control measures until permanent ground cover is established.
 - 8) Request final approval by Town Erosion Control Engineer.
 - 9) Remove soil erosion control measures and stabilize these areas.

SEEDING SCHEDULE

SHOULDER, SIDE DITCH, SLOPES (max. 3:1)				SLOPES (2:1 to 3:1)			
DATE	PLANTING TYPE	PLANTING RATE	DATE	PLANTING TYPE	PLANTING RATE	DATE	PLANTING TYPE
Aug 15 - Nov 1	Tall Fescue	300 lbs/acre	Mar 1 - June 1	Series Lespedeza (seeded)	50 lbs/acre		
Nov 1 - Mar 1	Tall Fescue & Hardpan Rye	300 lbs/acre	Mar 1 - Apr 15	ADD Tall Fescue	and		
Mar 1 - Apr 15	Tall Fescue	300 lbs/acre	Mar 1 - Apr 15	ADD Tall Fescue	and		120 lbs/acre
Apr 15 - June 30	Hulled Common Bermudagrass	25 lbs/acre	Mar 1 - June 30	ADD Weeping Lovegrass	and		10 lbs/acre
Jul 10 - Aug 15	Tall Fescue and Bromegrass Millet	30 lbs/acre	Mar 1 - June 30	or			
	or Sorghum-Sudan Hybrid		Mar 1 - June 30	ADD Hulled Common Bermudagrass	and		25 lbs/acre
			June 1 - Sep 1	Tall Fescue and Bromegrass Millet	and		120 lbs/acre
			June 1 - Sep 1	or Sorghum-Sudan Hybrid	and		30 lbs/acre
				Series Lespedeza	(unseeded)		70 lbs/acre
			Sep 1 - Mar 1	and Tall Fescue			
			Nov 1 - Mar 1	ADD Annual Rye			120 lbs/acre
							25 lbs/acre

General Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of disturbed areas. The above vegetation rates are those which do best under best conditions; other seedings rate combinations are possible.

• Temporary - Revised according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise because may be shaded out.



05-SP-001 APPROVED TOWN OF CARY

DEC 15 2005

DRG Date 06/28/05

Planning Date 06/28/05

Engineering Date 7-1-05

No.	Revision	Date	By	Design	Scale
1	TOC FIRST REVIEW COMMENTS	07/21/05	MVP	WVR	AS SHOWN
2	TOC SECOND REVIEW COMMENTS	08/09/05	JM	DW	1/2"=1'
3	TOC THIRD REVIEW COMMENTS/PAVING	08/23/05	JM	WV	20/02/20

THE ARBORETUM PHASE 2

WAKE COUNTY NORTH CAROLINA

TOWN OF CARY

EROSION CONTROL DETAILS

WITHERS & RAVENEL

ENGINEERS | PLANNERS | SURVEYORS

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