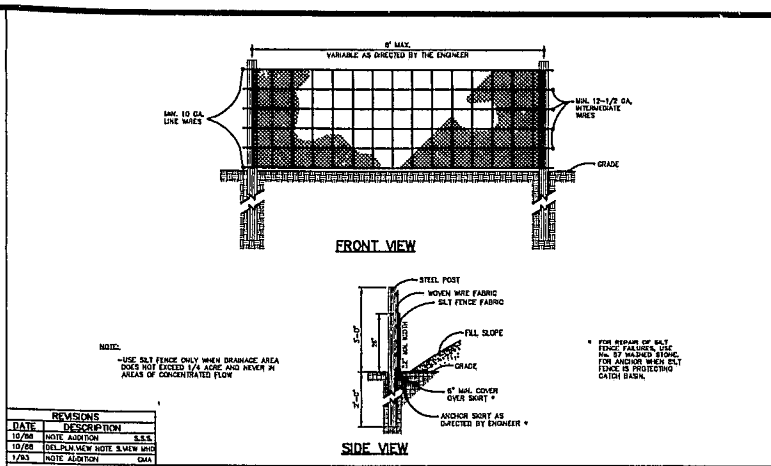
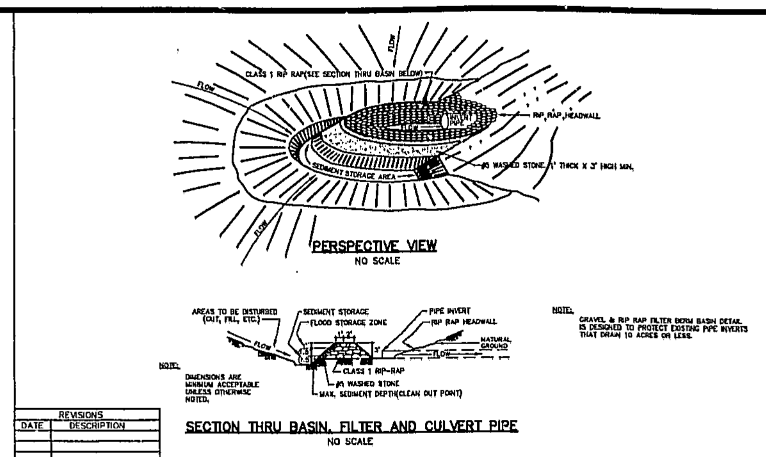
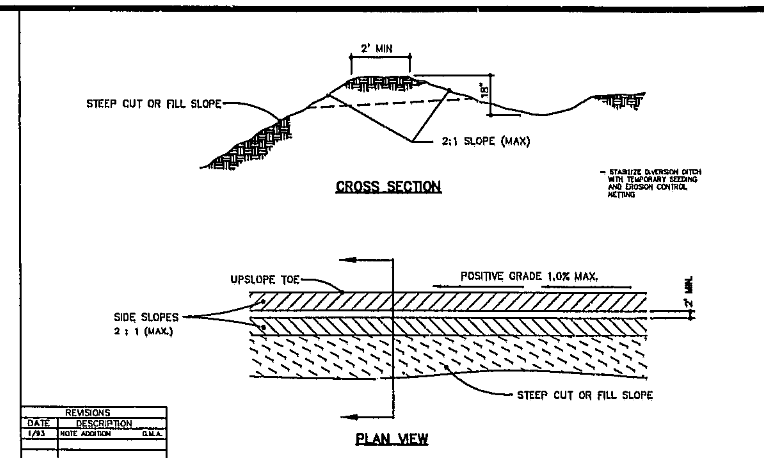


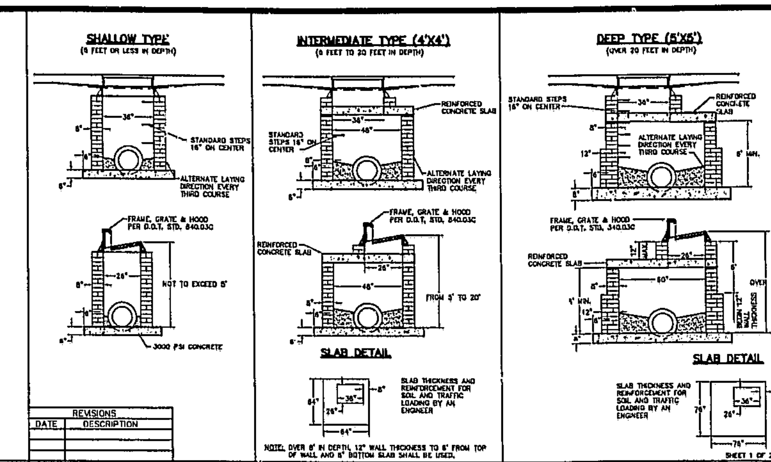
STANDARD TEMPORARY SILT FENCE — STD. No. 4.01



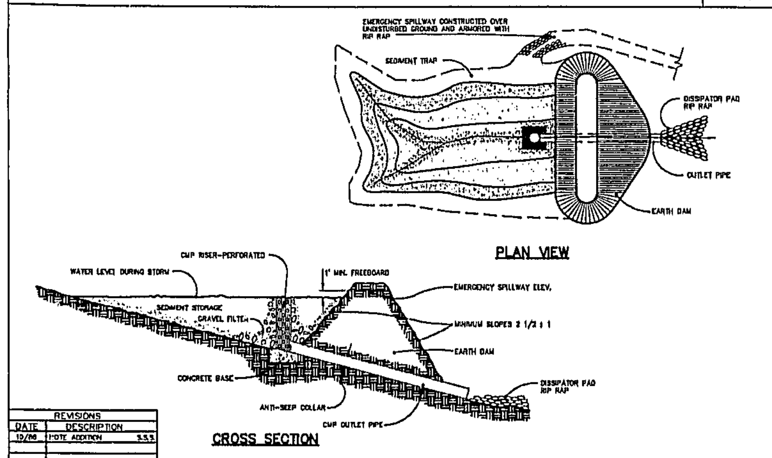
GRAVEL & RIP RAP FILTER BERM BASIN — STD. No. 4.04



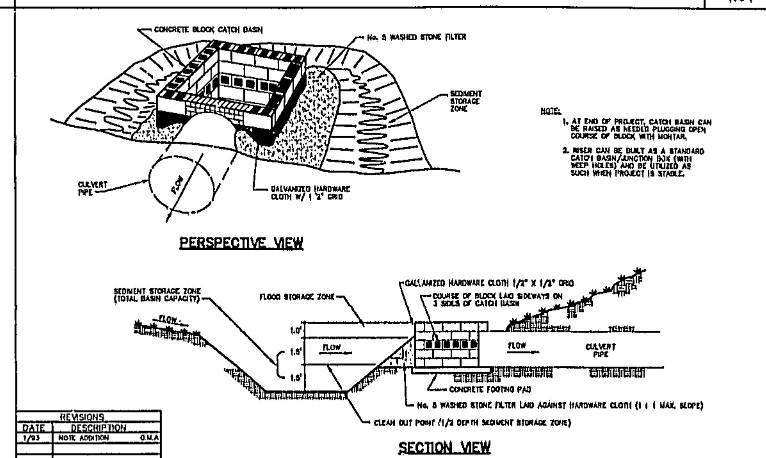
DIVERSION DITCH — STD. No. 4.09



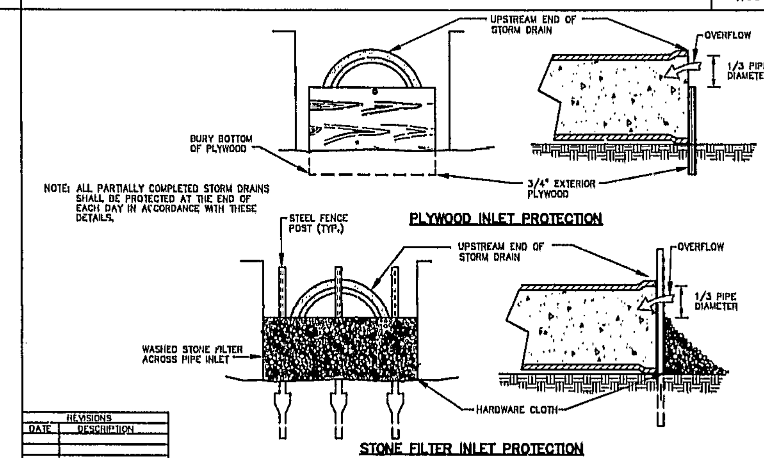
CONCRETE BLOCK OR BRICK CATCH BASIN — STD. No. 8.03



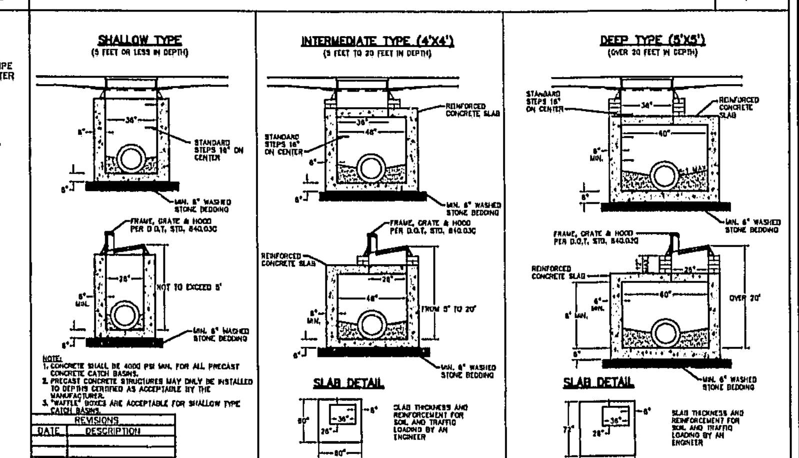
STANDARD RISER–BARREL SEDIMENT BASIN — STD. No. 4.02



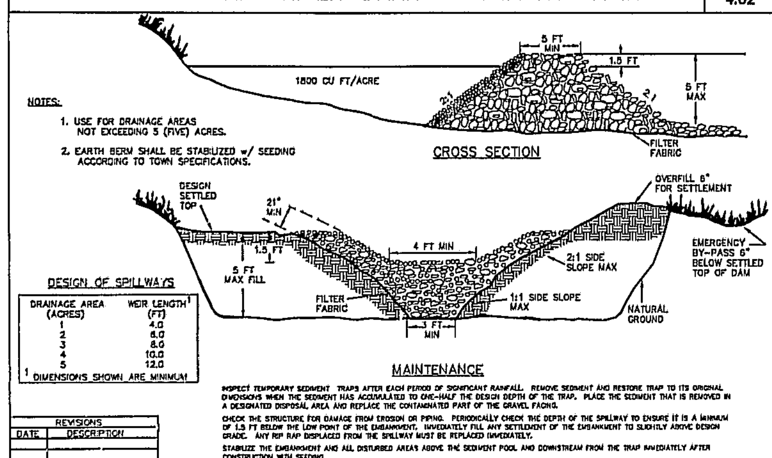
CATCH BASIN RISER/FILTER — STD. No. 4.05



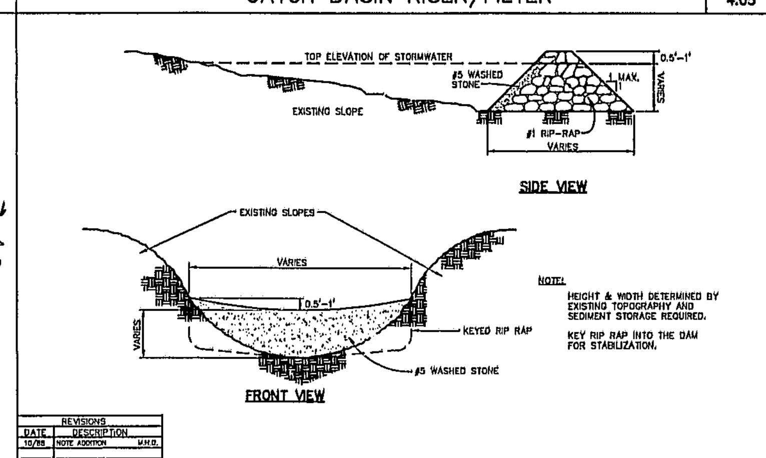
PIPE INLET PROTECTION (PLYWOOD AND STONE) — STD. No. 4.12



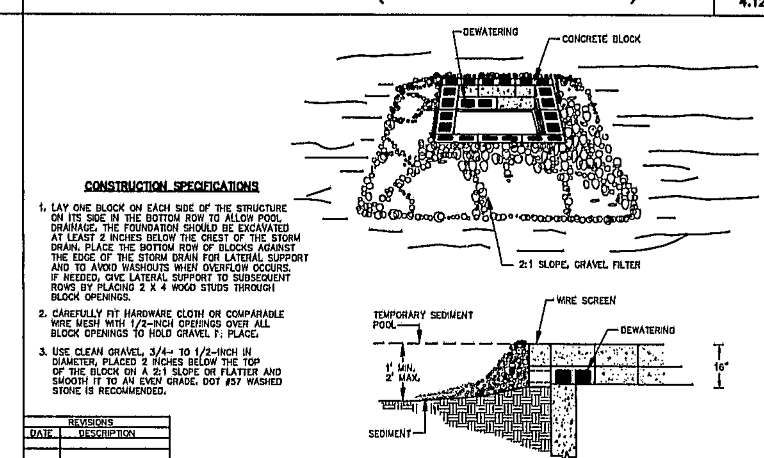
PRECAST CONCRETE CATCH BASIN — STD. No. 8.03



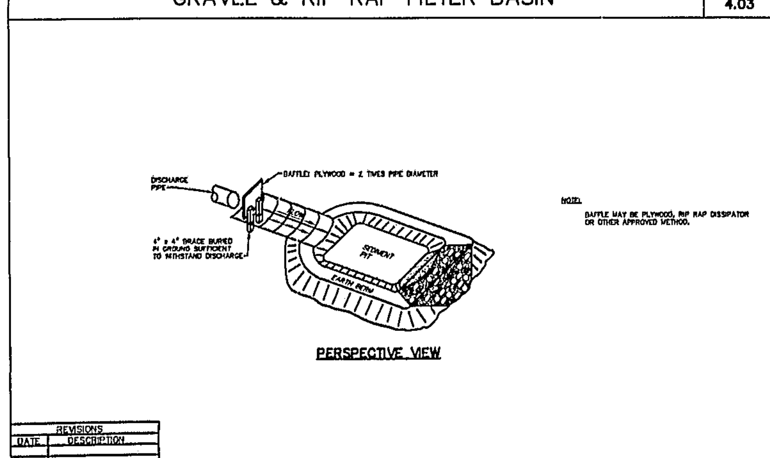
GRAVEL & RIP RAP FILTER BASIN — STD. No. 4.03



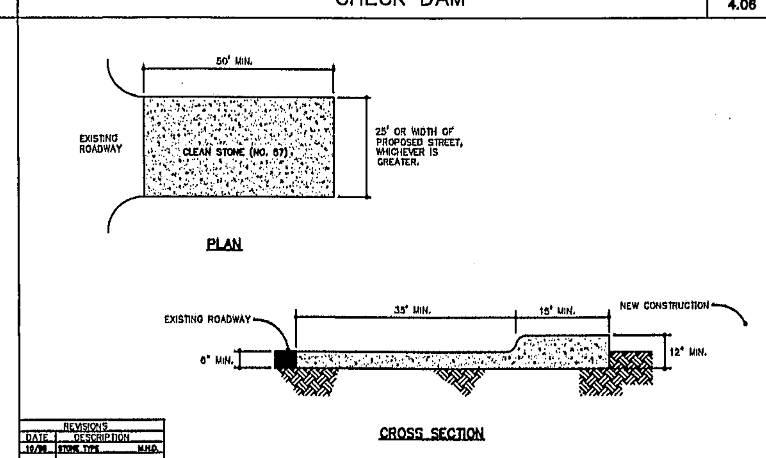
CHECK DAM — STD. No. 4.06



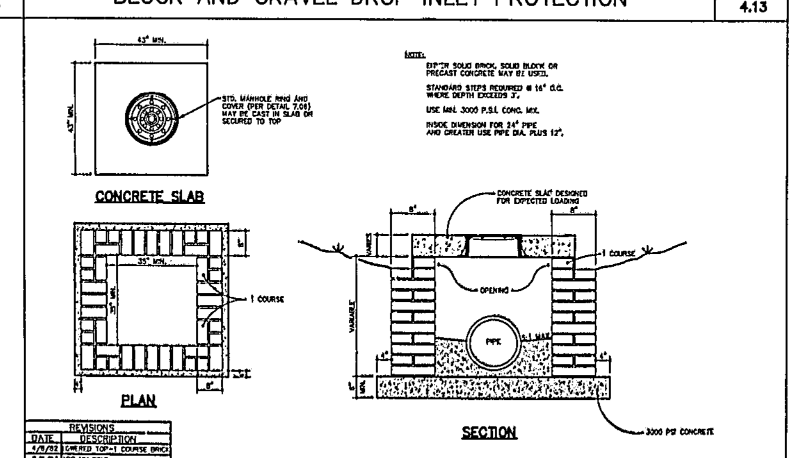
BLOCK AND GRAVEL DROP INLET PROTECTION — STD. No. 4.13



GRAVEL & RIP RAP FILTER BASIN — STD. No. 4.03



CONSTRUCTION ENTRANCE — STD. No. 4.07



STANDARD YARD INLET WITH CONCRETE SLAB — STD. No. 8.01

SEEDBED PREPARATION

1) Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
2) Rip the entire area to 6 inches depth.
3) Remove all loose rock, roots and other obstructions leaving surfaces 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 a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack 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 60% 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 (3 Ton per Acre on clay soils)
Fertilizer – 1,000 lbs./acre – 10-10-10
Superphosphate – 500 lbs./acre – 20%
Mulch – 2 Tons/Acre – small grain straw
Anchor – Asphalt Emulsion @ 300 gal. acre

SEEDING SCHEDULE

SHOULDERS, SIDE DITCHES, SLOPES (max. 3:1)

DATE	TYPE	PLANTING RATE
Aug 15 – Nov 1	Tall Fescue	300 lbs/acre
Nov 1 – Mar 1	Tall Fescue & Abruzzi Rye	300 lbs/acre
Mar 1 – Apr 15	Tall Fescue	300 lbs/acre
Apr 15 – June 30	Hulled Common Bermudagrass	25 lbs/acre
July 15 – Aug 15	Tall Fescue and *** Browntop Millet *** or Sorghum-Sudan Hybrids	35 lbs/acre
	SLOPES (3:1 to 2:1)	
Mar 1 – June 1	Sericea Lespedeza (scarified) and	50 lbs/acre
Mar 1 – Apr 15	ADD Tall Fescue and	120 lbs/acre
Mar 1 – June 30	ADD Weeping Lovegrass or	10 lbs/acre
Mar 1 – June 30	ADD Hulled Common Bermudagrass	25 lbs/acre
June 1 – Sep 1	*** Tall Fescue and *** Browntop Millet *** or Sorghum-Sudan Hybrids	120 lbs/acre 35 lbs/acre 30 lbs/acre
Sep 1 – Mar 1	Sericea Lespedeza (unhulled-unscarified) and Tall Fescue	70 lbs/acre 120 lbs/acre
Nov 1 – Mar 1	ADD Abruzzi Rye	25 lbs/acre

Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinationsare possible.

*** Temporary – Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise fescue may be shaded out.

CONSTRUCTION SEQUENCE

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) Request final approval by Town Erosion Control Engineer.
9) Remove soil erosion control measures and stabilize these areas.

97-SB-0016
APPROVED
BS 9-23-97
TM 9-23-97

WITHERS & RAVENEL Engineering & Surveying, Inc.
111 MacKenan Drive • Cary, N.C. 27511
919-469-3340 FAX 919-467-6008

Revisions			
No.	Description	Date	By
A	FINAL REVISIONS	9/16/97	GAS

CARY GLEN P.U.D.
(FORMERLY PANTHER CREEK P.U.D.)
PARCELS SF-3, SF-4 AND SF-5

EROSION CONTROL AND STORM DRAINAGE DETAILS

Designer: W&R	Scale: NTS
Drawn By: GAS	Date: 3/3/97
Checked By: JEC	Job No. 97046

CAD File: SHT10.DWG
Sheet No. 10 of .

K:\CADD\1997\97046\SHT10 Tue Sep 15 10:59:33 1997 WITHERS & RAVENEL, ENGINEERING & SURVEYING, INC.