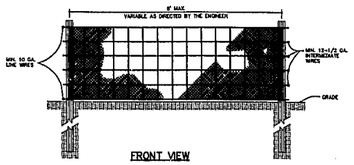
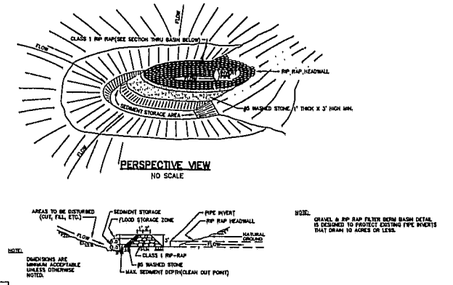


REVISIONS	
DATE	DESCRIPTION
10/96	NOTE ADDITION S.S.S.
10/16	DEL.FLAT.VIEW NOTE S.VIEW MOD.
1/97	NOTE ADDITION GMA

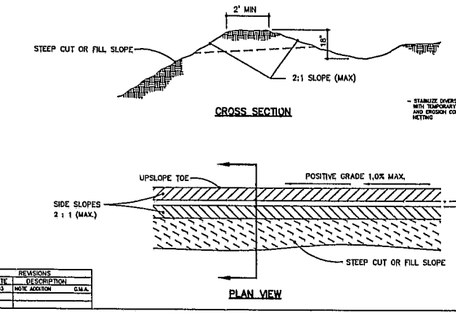
STANDARD TEMPORARY SILT FENCE — STD. No. 4.01



REVISIONS	
DATE	DESCRIPTION

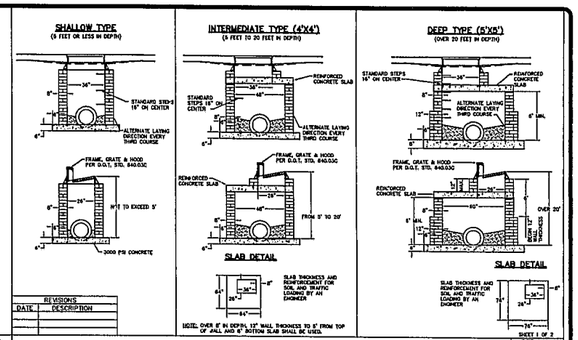
SECTION THRU BASIN, FILTER AND CULVERT PIPE
NO SCALE

(EXISTING PIPE INVERTS)
GRAVEL & RIP RAP FILTER BERM BASIN — STD. No. 4.04



REVISIONS	
DATE	DESCRIPTION
1/97	NOTE ADDITION G.M.A.

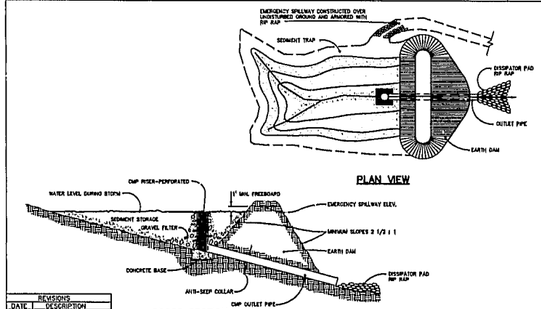
DIVERSION DITCH — STD. No. 4.09



REVISIONS	
DATE	DESCRIPTION

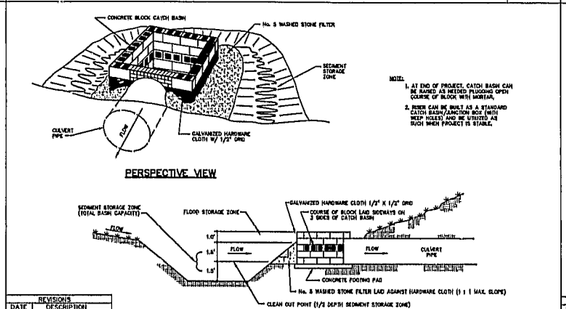
SHEET 1 OF 3

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



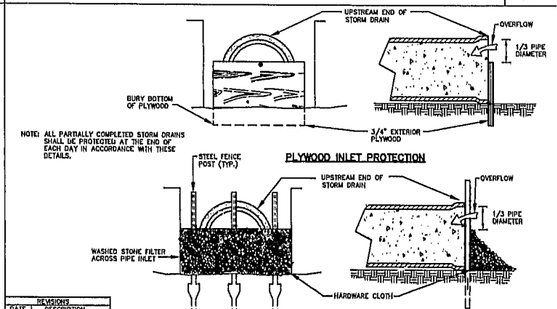
REVISIONS	
DATE	DESCRIPTION
10/96	NOTE ADDITION S.S.S.

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



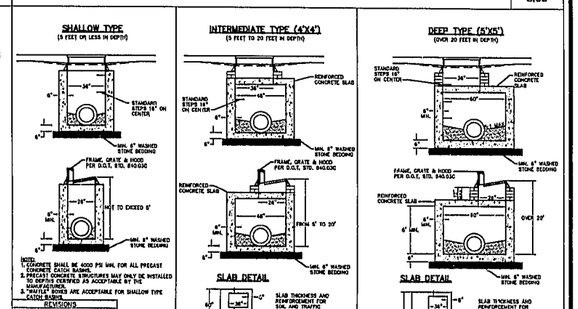
REVISIONS	
DATE	DESCRIPTION
1/97	NOTE ADDITION G.M.A.

CATCH BASIN RISER/FILTER — STD. No. 4.05



REVISIONS	
DATE	DESCRIPTION

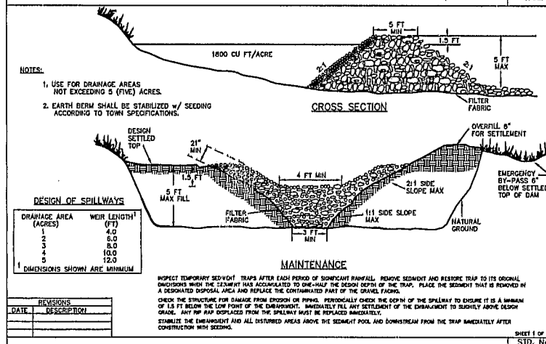
PIPE INLET PROTECTION (PLYWOOD AND STONE) — STD. No. 4.12



REVISIONS	
DATE	DESCRIPTION

SHEET 2 OF 3

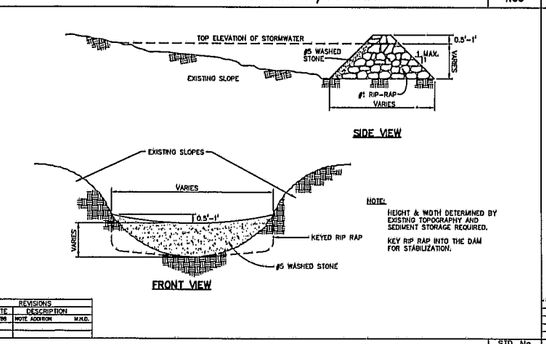
PRECAST CONCRETE CATCH BASIN — STD. No. 8.03



REVISIONS	
DATE	DESCRIPTION

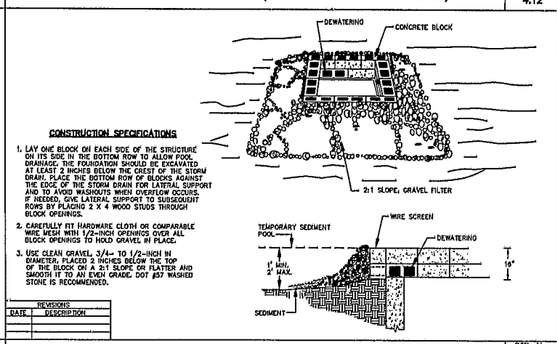
SHEET 3 OF 3

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



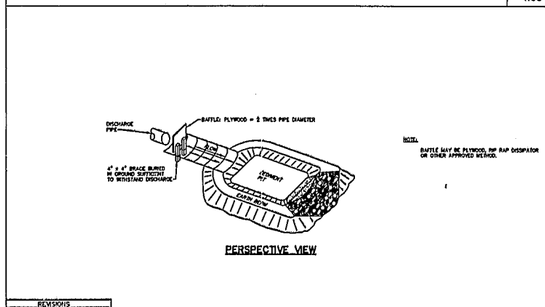
REVISIONS	
DATE	DESCRIPTION
10/96	NOTE ADDITION M.W.B.

CHECK DAM — STD. No. 4.06



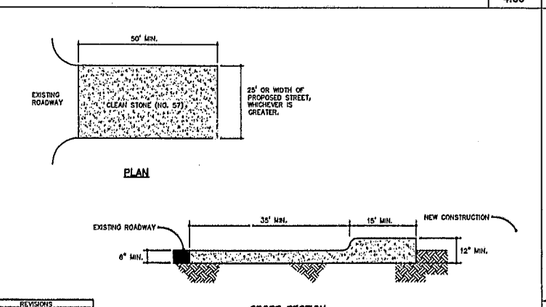
REVISIONS	
DATE	DESCRIPTION

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



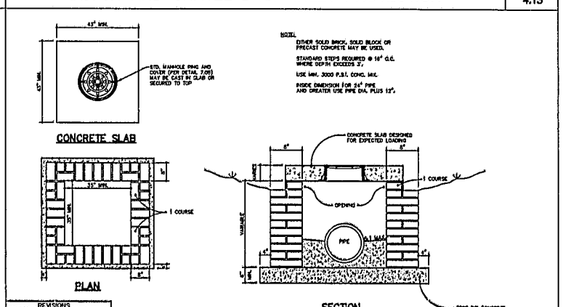
REVISIONS	
DATE	DESCRIPTION

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



REVISIONS	
DATE	DESCRIPTION
10/96	STONE TYPE M.W.B.

CONSTRUCTION ENTRANCE — STD. No. 4.07



REVISIONS	
DATE	DESCRIPTION
1/97	(2) OPNGS. SLOP-1 COURSE BWO
8/97	ADD 381 PIPE

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 (2 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	35 lbs/acre
	*** Browntop Millet	
	*** or Sorghum-Sudan Hybrids	
	SLOPES (3:1 to 2:1)	
Mar 1 - June 1	Sericea Lespedeza (scarified)	50 lbs/acre
	and	
Mar 1 - Apr 15	ADD Tall Fescue	120 lbs/acre
	and	
Mar 1 - June 30	ADD Weeping Lovegrass	10 lbs/acre
	or	
Mar 1 - June 30	ADD Hulled Common Bermudagrass	25 lbs/acre
June 1 - Sep 1	*** Tall Fescue and	120 lbs/acre
	*** Browntop Millet	35 lbs/acre
	*** or Sorghum-Sudan Hybrids	30 lbs/acre
Sep 1 - Mar 1	Sericea Lespedeza (unhulled-unscarified)	70 lbs/acre
	and Tall Fescue	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 combinations are 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 arrange inspection by Town Erosion Control Engineer.
4) Proceed with grading.
5) Clean sediment basins when half full.
6) Seed and mulch denuded areas 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.

APPROVED
TER 5/31/98
TM 6-1-98

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

Revisions			
No.	Description	Date	By

DANBURRY SUBDIVISION
PHASES IX-XII

EROSION CONTROL AND STORM DRAINAGE DETAILS

Designer	W&R	Scale	NTS
Drawn By	OAS	Date	8/22/97
Checked By	JEC	Job No.	97155

CAD File SHT10.DWG
Sheet No. 10 of .

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