

CONSTRUCTION SCHEDULE

1. Obtain grading permit.
2. Install gravel construction pad, temporary diversions, silt fencing, sediment basins or other measures as shown on the approved plan. Clear only as necessary to install these devices. Do not disturb existing rear buffer.
3. Install silt fence as shown on erosion control plan. Silt fence is to act as tree protection fence. No grading shall be done until silt fence/tree protection fence is installed.
4. Call Town of Cary for on site inspection by Environmental Inspector and obtain Certificate of Compliance.
5. Begin clearing and grubbing. Maintain devices as needed. Rough grade site.
6. Install storm sewer and protect inlets with silt fencing, sediment traps or other approved measures as shown on the plan. Storm drain pipe E shall be installed to the pit constructed just outside of parking area at the rear building corner. Pipe E shall outlet into this pit. The pit shall be installed as shown on the erosion control plan sheet. The top of this pit shall be one (1) foot below the top of pipe. Once site is stabilized with parking lot stone, the storage pit can be removed and the pipe extend as required. Maintain sediment control during pipe extension.
7. Stabilize site as areas are brought up to finish grade with vegetation, paving, ditch linings.
8. When construction is complete and all areas are stabilized completely, call for inspection by Environmental Inspector.
9. If site is approved, remove temporary diversions, silt fencing, sediment basins, etc., and seed out or pave any resulting bare areas. All remaining permanent erosion control devices (such as velocity dissipators) should be installed now.
10. When vegetation has become established, call for final site inspection by Environmental Inspector.
11. Obtain a Certificate of Completion.

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 LOSE 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 CULTIPACK AFTER SEEDING.
 - 7.) MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
 - 8.) INSPECT ALL SEEDBED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LINE, 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 TONS / ACRE IN CLAY SOILS)
 FERTILIZER - 1,000 lbs. / ACRE - 10-10-10
 SUPERPHOSPHATE - 500 lbs. / ACRE - 20% ANALYSIS
 MULCH - 2 TONS / ACRE - SMALL GRASS STRAW
 ANCHOR - ASPHALT EMULSION @ 300 GALS. / ACRE

TABLE 4.2 SHOULDERS, SIDE DITCHES, SLOPES (3:1 TO 2:1)

DATE	TYPE	PLANTING RATE
MARCH 1 - JUNE 1	SENOGA LESPEDEZA (SCARIFIED)	50 LBS./ACRE
MARCH 1 - APRIL 15	ADD TALL FESCUE	120 LBS./ACRE
MARCH 1 - JUNE 30	ADD WEEPING LOVEGRASS	10 LBS./ACRE
MARCH 1 - JUNE 30	ADD HULLED COMMON BERMUDAGRASS	25 LBS./ACRE
JUNE 1 - SEPTEMBER 1	***TALL FESCUE AND ***BROWNTOP MALLET	120 LBS./ACRE
	***SENOGA LESPEDEZA (UNHULLED-UNSCARIFIED)	25 LBS./ACRE
	***SENOGA LESPEDEZA (HULLED-UNSCARIFIED)	30 LBS./ACRE
SEPTEMBER 1 - MARCH 1	ADD TALL FESCUE	70 LBS./ACRE
	ADD ABRUZZI RYE	120 LBS./ACRE
	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 WILL UNDER LOCAL CONDITIONS. OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

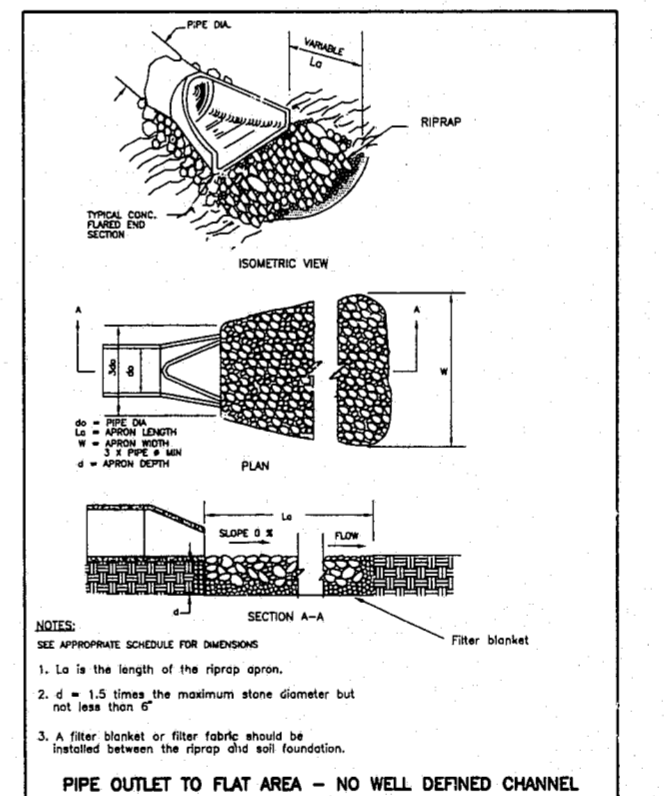
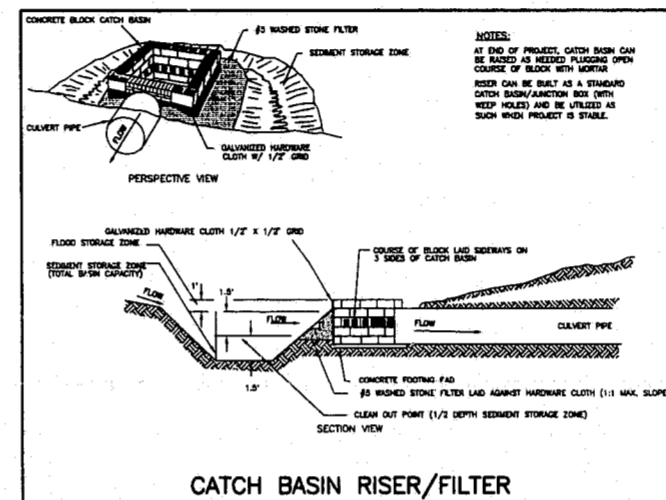
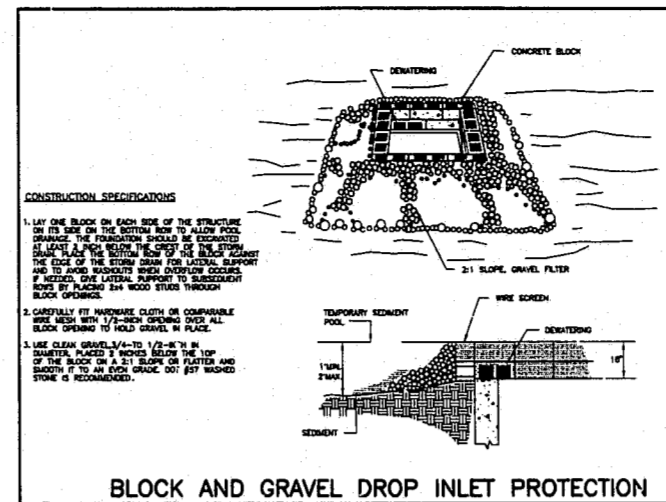
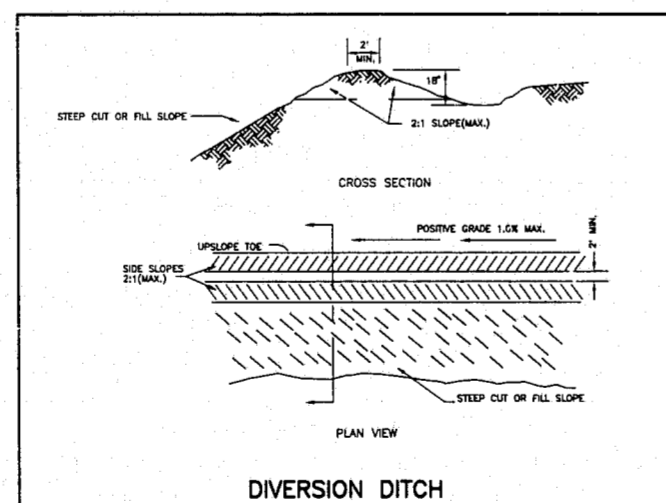
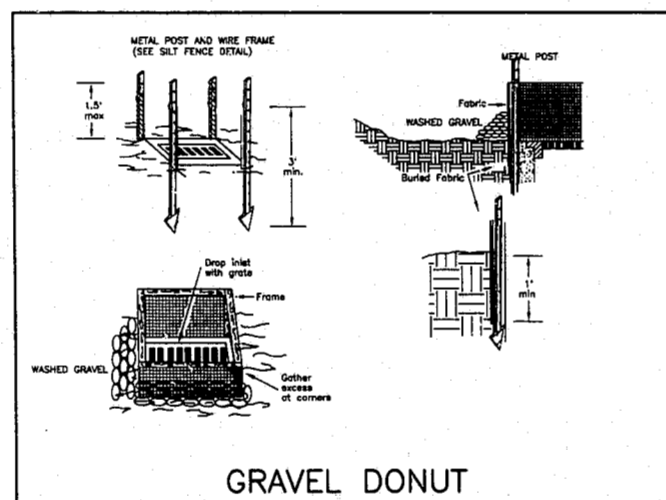
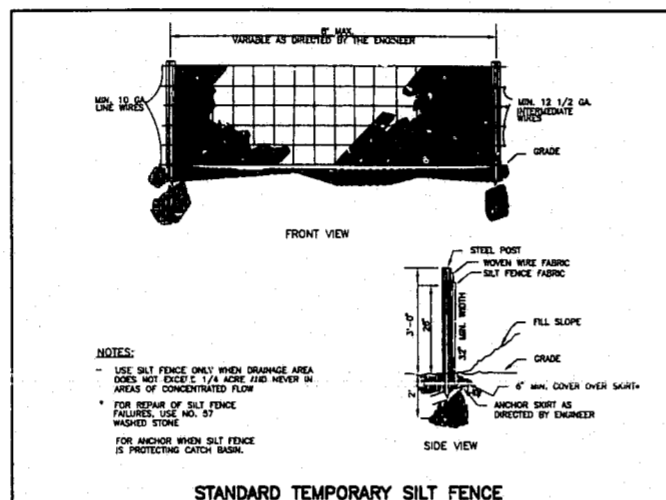
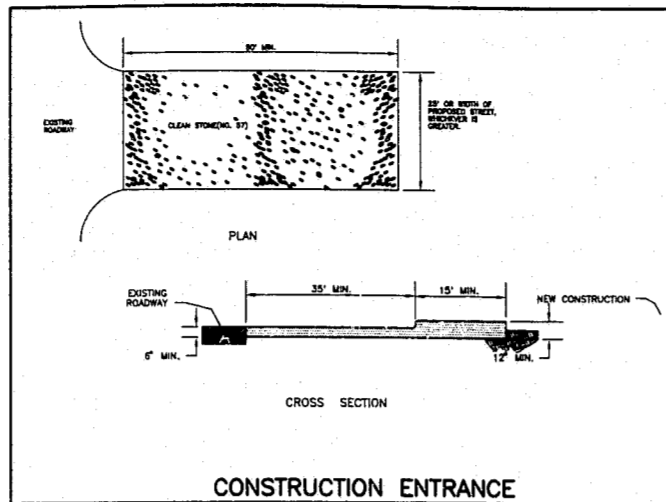
***TEMPERARY - RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12 INCHES IN HEIGHT BEFORE MOWING. OTHERWISE FESCUE MAY BE SHAVED OUT.

TABLE 4.1 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 AND 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 MALLET	35 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 WILL UNDER LOCAL CONDITIONS. OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

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APPROVED
 TER 3/30/98
 TER 7-13-98
 TM 7-14-98

APPROVED
 TER 10/24/97
 TM 10-24-97

	THOMPSON and ASSOCIATES, P.A.		EROSION CONTROL DETAIL SHEET BUFFALO LANES		
	5821 HOLLY SPRINGS ROAD RALEIGH, NC 27606 TEL 919 851-1709 FAX 919 859-2143		DATE: 6-17-97	SURVEYED BY:	JOB
	SCALE: NTS	DRAWN BY:	DWG. NO.	TOWN OF CARY	NORTH CAROLINA
	REVISIONS			ZONED:	P.I.N.