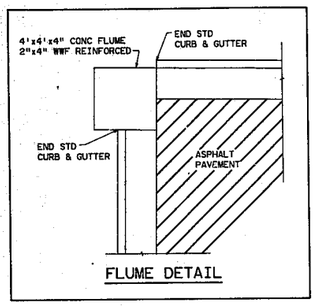
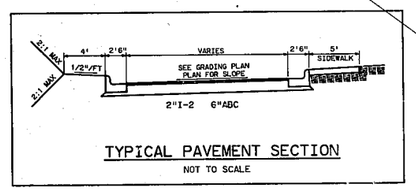
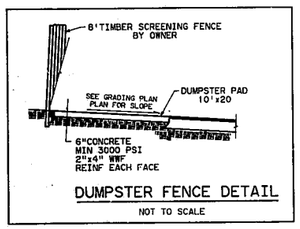


FLUME DETAIL



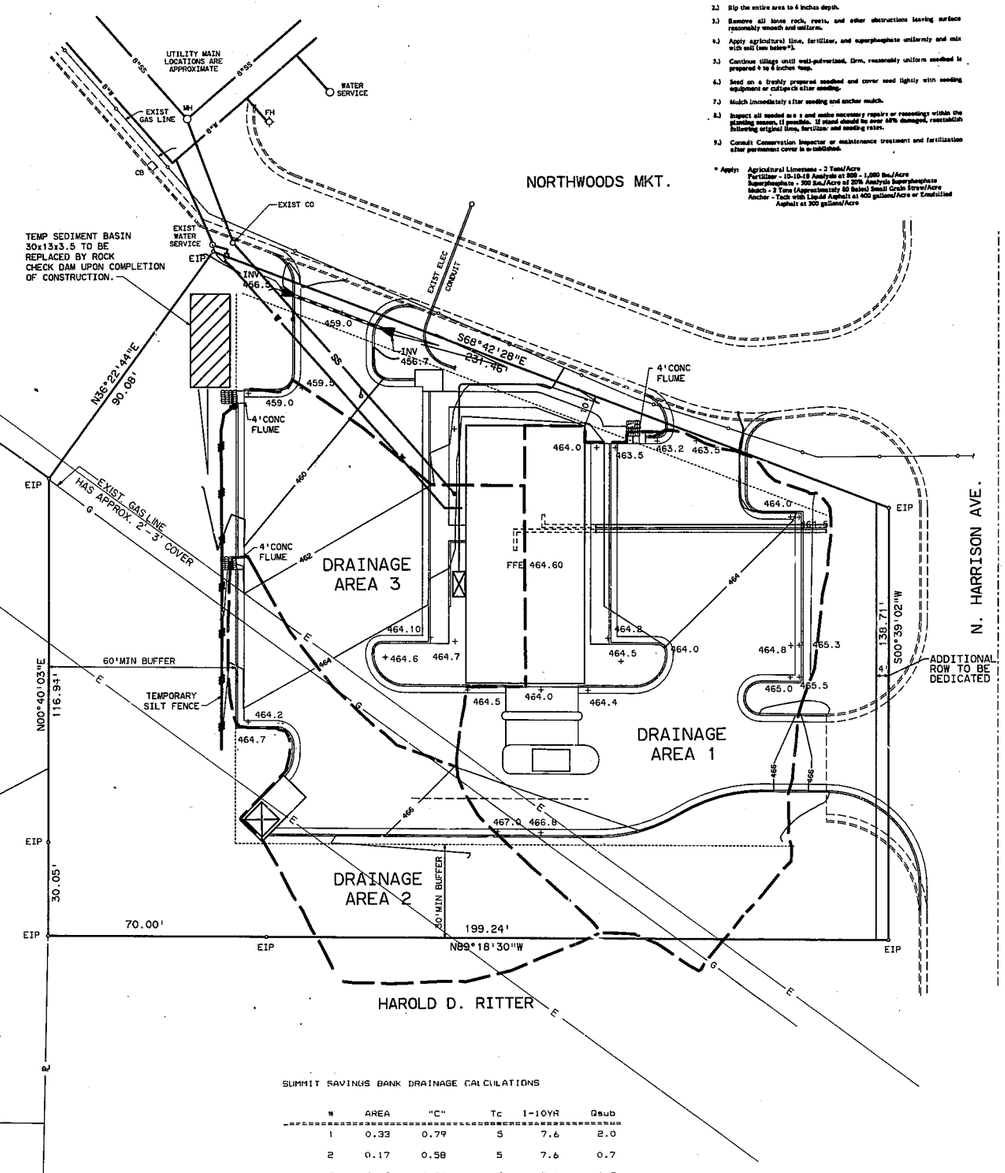
TYPICAL PAVEMENT SECTION

NOT TO SCALE



DUMPSTER FENCE DETAIL

NOT TO SCALE



SUMMIT SAVINGS BANK DRAINAGE CALCULATIONS

*	AREA	"C"	Tc	I-10YR	Qsub
1	0.33	0.79	5	7.6	2.0
2	0.17	0.58	5	7.6	0.7
3	0.18	0.90	5	7.6	1.2

Seedbed Preparation

1.) Chisel compacted areas and spread 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 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 culipack 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 or maintenance treatment and fertilization after permanent cover is established.

* Apply: Agricultural Limestone - 2 Tons/Acre
Fertilizer - 10-10-10 Analysis at 500 - 1,000 lbs/Acre
Superphosphate - 200 lbs/Acre of 20% Analysis Superphosphate
Mulch - 2 Tons (Approximately 90 Bales) Small Grain Straw/Acre
Anchor - Tack with 124-AE Asphalt at 400 gallons/Acre or Emulsified Asphalt at 300 gallons/Acre

SEEDING SCHEDULE
(REVISED 1-1-80)

Shoulders, Side Ditches, Slopes (Max. 2:1)

Date	Type	Planting Rate
Aug 15 - Mar 1	Tall Fescue	100 lbs./acre
Mar 1 - Mar 1	Tall Fescue	100 lbs./acre
	and Abruzzi Rye	120 lbs./acre
Mar 1 - Apr 15	Tall Fescue	100 lbs./acre
Apr 15 - Jun 30	Hulled Common Bermudagrass	25 lbs./acre
July 1 - Aug 15	Tall Fescue and	120 lbs./acre
	*** Browntop Millet	30 lbs./acre
	*** or Sorghum-Sudan Hybrids	30 lbs./acre

Flumes (3:1 or 2:1)

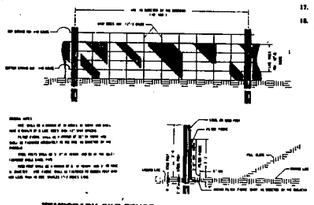
Mar 1 - Jun 1	Serices Lespedeza (scarified)	30 lbs./acre
	&	
Aug 15 - Apr 15	Add Tall Fescue	120 lbs./acre
Mar 1 - Jun 30	Or Add Weeping Lovegrass	15 lbs./acre
Mar 1 - Jun 30	Or Add Hulled Common Bermudagrass	25 lbs./acre
Jun 1 - Sep 1	*** Tall Fescue and	120 lbs./acre
	*** Browntop Millet	30 lbs./acre
	*** or Sorghum-Sudan Hybrids	30 lbs./acre
Sep 1 - Mar 1	Serices Lespedeza (unhulled-unscarified)	70 lbs./acre
	and Tall Fescue	120 lbs./acre
(Mar 1 - Mar 1)	Add Abruzzi Rye	33 lbs./acre

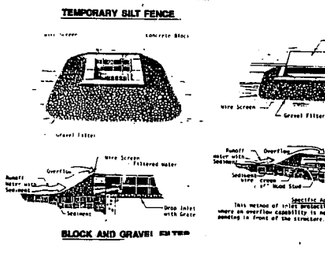
Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of disturbed areas. The above vegetation rates are those which do well under local conditions other seeding rate combinations are possible.

*** Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise mower may be damaged out.

Sequence of Construction

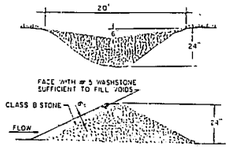
1. Obtain Grading Permit.
2. Clear and grub the areas where sediment traps, diversion ditches or silt fences are to be placed.
3. Install construction entrance, sediment traps and silt fence.
4. Install permanent erosion measures.
5. Call for on-site inspection by the Erosion Control Officer.
6. Upon approval by the Erosion Control Officer, clear and grub. Haul stumps and debris off site.
7. Rough grade.
8. Seed and mulch areas that will not undergo construction for the following 30 days.
9. Install storm drainage and associated bmp protection in accordance with specifications.
10. Install remaining utilities.
11. Reseed disturbed areas.
12. Construct curb-and-gutter.
13. Install ABC.
14. Notify engineer for site inspection.
15. Pave pavement.
16. Perform landscape planting.
17. Reseed all disturbed areas.
18. When the site is approved, remove erosion control devices and reseed disturbed areas.





TEMPORARY SILT FENCE

BLOCK AND GRAVEL INLET



ROCK CHECK DAM

NORTH CAROLINA PROFESSIONAL SEAL 13026 ENGINEER RICHARD R. ROWSHANDEL

20 0 20
SCALE FEET

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

SUMMIT SAVINGS BANK
N.HARRISON AVE. CARY,N.C.

GRADING/DRAINAGE AND EROSION CONTROL PLAN

NO:	REVISION	DATE	BY

Kimley-Horn

DESIGNER	RRR	SCALE	1"=20'
DRAWN BY	DMP	DATE	9/ 8/87
CHK'D BY	RRR	JOB NO.	1497.03

SHEET NO. 2 OF 4