

NOTES:

- Provisions to prevent erosion of soil from the site shall be as a minimum, in conformance with the requirements of the city and state dealing with erosion and sedimentation.
- Prior to any other construction, a stabilized pad of crushed No. 1 filter stone shall be located where traffic will be entering or leaving the construction site to or from a public street.
- The entrance shall be maintained in a condition which will prevent a spill or flowing of sediment on public streets or a city pavement. This may require periodic top dressing with additional stone as conditions demand and repair, and/or cleanout of any measures used to trap sediment.
- All sediment spilled, dropped, washed or tracked onto public streets shall be removed immediately.
- When necessary, wheels will be cleaned to remove sediment prior to entering a public street. Wheel-washing is required. It shall be done on an area stabilized with crushed stone which drains into an approved sediment basin.
- Immediately after the establishment of construction entrance/exit, all perimeter erosion control devices and stormwater management devices shall be installed prior to any other construction.
- The locations of some of the erosion control devices may have to be altered from those shown on the approved plans if drainage patterns during construction vary from the final proposed drainage patterns.
- It is the responsibility of the contractor to implement erosion control for all drainage patterns created at various stages during construction. Any difficulty in controlling erosion during any phase of construction shall be reported to the engineer immediately.
- All silt barriers must be placed so access is obtained during clearing. No grading shall be done until silt barrier installation and detention facilities are constructed.
- The silt fence shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately. Should the fabric decompose or become ineffective prior to the end of the specified usable life and the barrier still be necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately half the height of the barrier. Any deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.
- FAILURE TO INSTALL, OPERATE AND/OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN THE TOWN ENGINEER ISSUING A STOP WORK ORDER UNTIL SUCH MEASURES ARE CORRECTED.
- All construction to conform to Cary/Wake County Land Development Standards and specifications.
- Silt barriers to be placed at downstream toe of all cut and fill slopes.
- Any disturbed area left exposed for a period greater than 45 days shall be stabilized with temporary seedings.
- Contractor to remove all sediment from pond after vegetation cover is established and at any time when 175 pond capacity is reached.

Seedbed Preparation

- Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
  - Rip the entire area to 6 inches depth.
  - Remove all loose rocks, roots, and other obstructions leaving surface reasonably smooth and uniform.
  - Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
  - Continue tillage until a well-polymerized, firm, reasonably uniform seedbed is prepared 1 to 2 inches deep.
  - Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
  - Mulch immediately after seeding and anchor mulch.
  - Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 50% damaged, re-establish following original lime, fertilizer and seeding rates.
  - Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.
- \* Apply: Agricultural Limestone - 1 ton/acre (2 tons/acre in clay soils)  
 Fertilizer - 1,000 lbs/acre - 10-10-10\*  
 Superphosphate - 300 lbs/acre - 20% analysis  
 Mulch - 2 tons/acre - small grain straw  
 Anchor - Asphalt Emulsion @ 300 gal/acre

LEGEND

- — — — — PROPERTY LINE
- - - - - EXISTING CONTOUR
- 340 — PROPOSED CONTOUR
- SD — STORM DRAIN
- CB — HEAVY DUTY PAVING
- SS — SANITARY SEWER
- W — WATER LINE

SEEDING SCHEDULE

Shoulders, Pkgs. Ditches, Slopes (Max. 3:1)

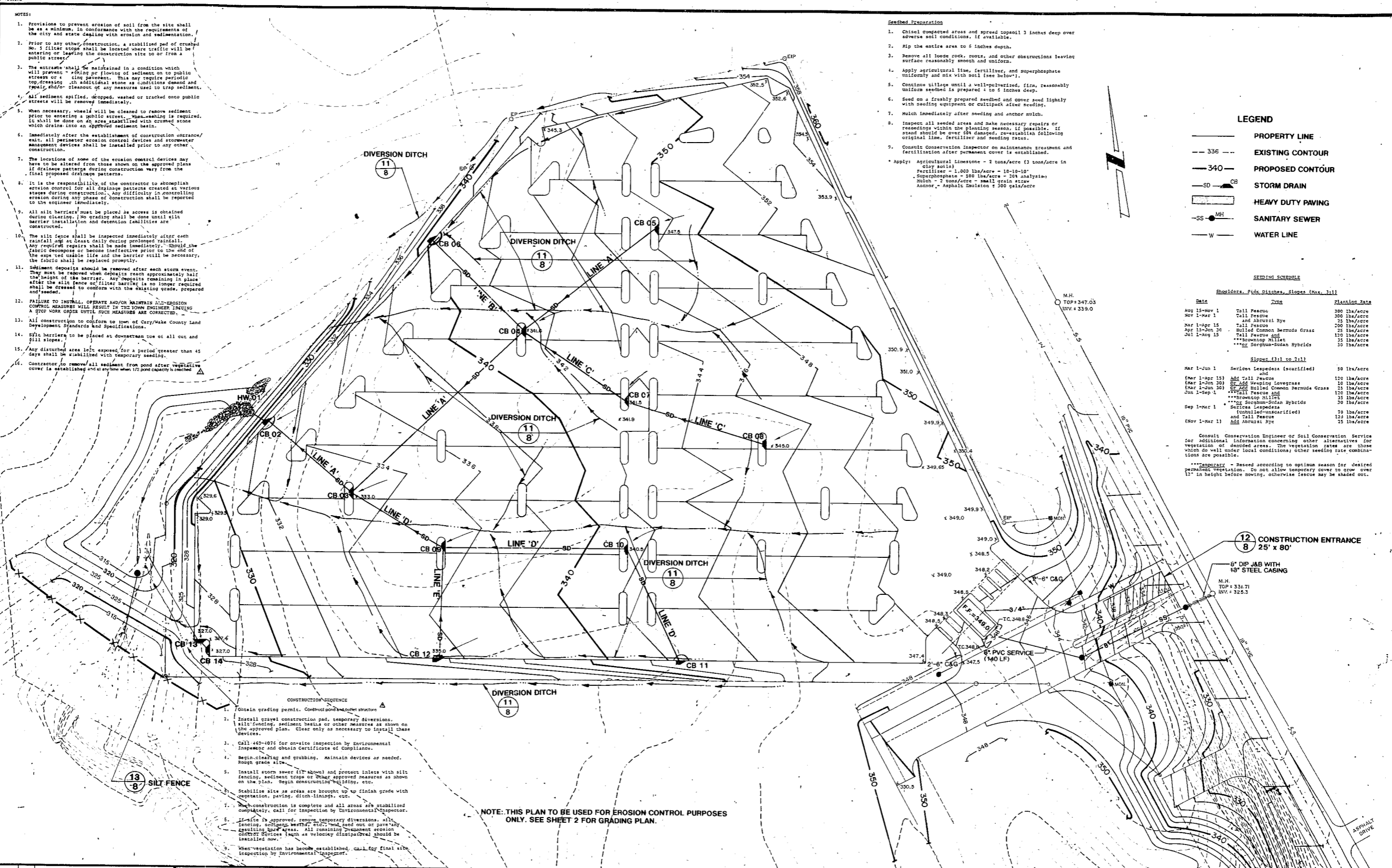
Date	Type	Planting Rate
Aug 15-Nov 1	Tall Fescue	100 lbs/acre
Nov 1-Mar 1	Tall Fescue	100 lbs/acre
Mar 1-Jun 1	and Abruzzo Ryegrass	25 lbs/acre
Jun 1-Sep 1	Tall Fescue	100 lbs/acre
Mar 1-Jun 15	and Bull's Head Common Bermuda Grass	25 lbs/acre
Jun 1-Sep 1	Tall Fescue and ***Browtop millet	35 lbs/acre
Jul 1-Aug 15	and ***Sorghum millet	35 lbs/acre
	***Sorghum-midland Hybrids	35 lbs/acre

Slopes (3:1 to 2:1)

Mar 1-Jun 1	Severus Lespedeza (scarified) and	50 lbs/acre
Mar 1-Jun 15	and Tall Fescue	100 lbs/acre
Mar 1-Jun 30	and Add Seeding Coverages	25 lbs/acre
Mar 1-Jun 30	and Bull's Head Common Bermuda Grass	25 lbs/acre
Jun 1-Sep 1	Tall Fescue and ***Browtop millet	35 lbs/acre
Jun 1-Sep 1	and ***Sorghum-midland Hybrids	35 lbs/acre
Sep 1-Mar 1	Severus Lespedeza (scarified) and Tall Fescue	75 lbs/acre
Nov 1-Mar 1	and Abruzzo Ryegrass	25 lbs/acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of desired areas. The 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 tissue may be shaded out.

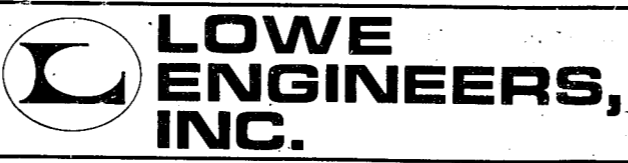


- CONSTRUCTION SEQUENCE
- Obtain grading permit. Construct good road and utility structures.
  - Install gravel construction pad, temporary diversions, silt fencing, sediment basins or other measures as shown on this approved plan. Clear only as necessary to install these devices.
  - Call 460-4075 for on-site inspection by Environmental Inspector and obtain Certificate of Compliance.
  - Begin clearing and grubbing. Maintain devices as needed. Rough grade site.
  - Install storm sewer (if shown) and protect inlets with silt fencing, sediment traps or other approved measures as shown on the plan. Begin constructing building, etc.
  - Stabilize site as areas are brought up to finish grade with vegetation, paving, ditch linings, etc.
  - When construction is complete and all areas are stabilized completely, call for inspection by Environmental Inspector.
  - If site is approved, remove temporary diversions, silt fencing, sediment basins, etc., and seed out or pave any remaining bare areas. All remaining permanent erosion control devices such as velocity dissipaters should be installed now.
  - When vegetation has become established, call for final site inspection by Environmental Inspector.

NOTE: THIS PLAN TO BE USED FOR EROSION CONTROL PURPOSES ONLY. SEE SHEET 2 FOR GRADING PLAN.

DATE	DESCRIPTION
6-9-90	ADDED CONST. & SEDIMENT NOTES, DITCHES

DESIGNED: MLB  
 DRAWN: CADD  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_



**PARK 'N FLY**  
 RALEIGH-DURHAM AIRPORT  
 TOWN OF CARY, NORTH CAROLINA

**EROSION CONTROL PLAN**

PROJ. NO.: 8875  
 DATE: MAY, 1990  
 SCALE: 1" = 50'  
 DWG. NO.: 5