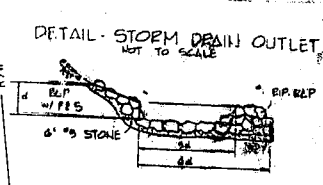


SEEDING SCHEDULE
Shoulders, Side Ditches, Slopes (Max. 3:1)

DATE	TYPE	PLANTING RATE
Aug 15-Nov 1	Tall Fescue	120 lbs./acre
Nov 1-Mar 1	Tall Fescue	120 lbs./acre
	C. Abruzzi Rye	25 lbs./acre
Mar 1-Apr 15	Tall Fescue	120 lbs./acre
Apr 15-Jul 30	Hulled Common Bermudagrass	12 lbs./acre
Jul 15-Aug 15	Tall Fescue and Browntop Millet	60 lbs./acre 35 lbs./acre
	*** or Sorghum-Sudan Hybrid	30 lbs./acre

- *** Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.
- Seeded Preparation**
- 1.) Chisel compacted areas and spread (open) 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 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 with anchor mulch.
- Apply: Agricultural Limestone - 2 Tons/acre.
Fertilizer - 800 lbs. (10-10-10) acre.
Mulch - wheat straw - 75-100 lbs./1000 sq. ft.
Anchor - tack with -200 gals. of liquid asphalt or 150 gal of other suitable means.

- CONSTRUCTION SEQUENCE**
1. OBTAIN GRADING PERMIT
 2. INSTALL TEMPORARY CONTROL MEASURES
 3. OBTAIN Certificate of Compliance
 4. CLEAR & GRADE SITE, INSTALL UTILITIES
 5. STABILIZE UNPAVED AREAS (SEE SEEDING SPECIFICATIONS)
 6. PAVE STREET
 7. OBTAIN FINAL SITE INSPECTION BY CONSERVATION INSPECTOR
 8. OBTAIN FINAL COMPLIANCE CERTIFICATE FROM CONSERVATION INSPECTOR



STRUCTURE	DRAINAGE AREA (AC)	Q (CFS)	Q (GPM)	TYPE	TOP ELEV	SIZE (IN)	LENGTH (FT)	SLOPE (%)	INV IN	INV OUT	C
1	1.46	3.92	3.92	STD. CB	432.77	15	80	9.00	426.00	426.00	.50
2	1.56	4.51	4.51	STD. CB	436.37	15	75	1.75	429.04	421.75	.90
3	0.20	0.60	0.60	STD. CB	432.39	15	120	10.00	409.73	409.73	.90
4	0.10	0.30	0.30	STD. CB	435.40	15	190	9.18	416.99	416.99	.90
5	2.09	7.53	7.53	STD. CB	416.38	15	38	1.75	412.17	411.97	.90
6	0.10	0.30	0.30	STD. CB	416.38	15	120	3.52	406.55	406.35	.90
7	1.00	3.36	3.36	STD. CB	411.35	15	215	6.33	406.35	406.35	.90
8	1.00	3.36	3.36	STD. CB	411.35	15	215	6.33	406.35	406.35	.90
9	0.40	1.20	1.20	STD. CB	411.35	15	12	3.00	404.74	398.80	.48
10	17.00	44.70	44.70	F.E.S.	400.00	30	117	2.00	397.66	397.66	

- LEGEND**
- TEMP STAKED HAY BALES OR SILT FENCE
 - DRAINAGE STRUCTURE W/REFERENCE NUMBER
 - TEMP SILT FENCE
 - SWALE OR DIVERSION DITCH
 - CB CATCH BASIN
 - JUNCTION BOX

NOTE: CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL EXISTING UTILITIES. CONTRACTOR TO TAKE ALL PRECAUTIONS NECESSARY TO PREVENT SEDIMENTATION AND EROSION DURING ALL PHASES OF CONSTRUCTION. TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF CARY STANDARDS AND SPECIFICATIONS. CATCH BASINS CONFORM TO TOWN OF CARY STANDARD 8.03.

SEAL: *Glenn D. Ward*

Date: 5-15-84
Scale: 1"=60'
Dwn By: M.T.B.
Chkd By: G.J.W.
Field: _____

WITCHES VILLAGE SEC 3
CITY OF CARY, DRAINAGE & SOIL EROSION PLANS
GLINN D. WARD & ASSOCIATES, INC.
GLENN D. WARD & ASSOCIATES
CIVIL ENGINEERS
301 EAST DURHAM ROAD CARY, N.C.
PHONE 467-2217

SHEET 6 OF 9