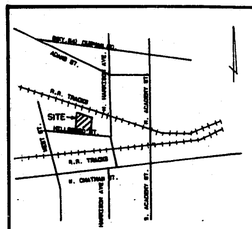
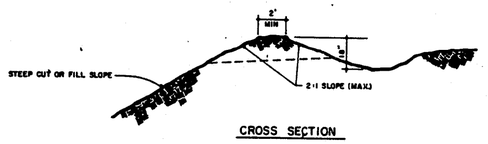
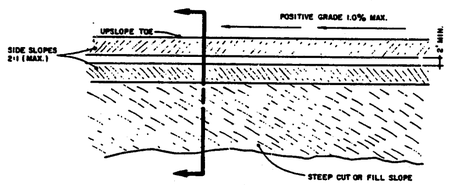


VICINITY MAP 1" = 500'



CROSS SECTION

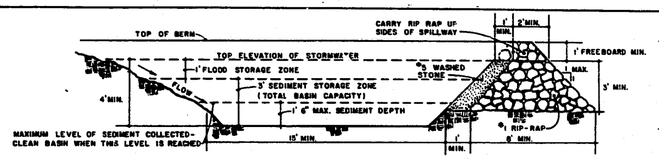


PLAN VIEW

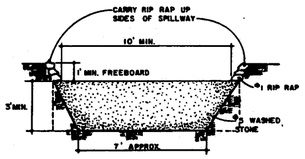
REVISIONS	
DATE	DESCRIPTION

DIVERSION DITCH

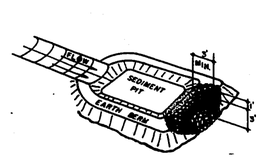
STD. NO. 4.09



SECTION THRU BASIN & FILTER



SECTION THRU BERM & FILTER



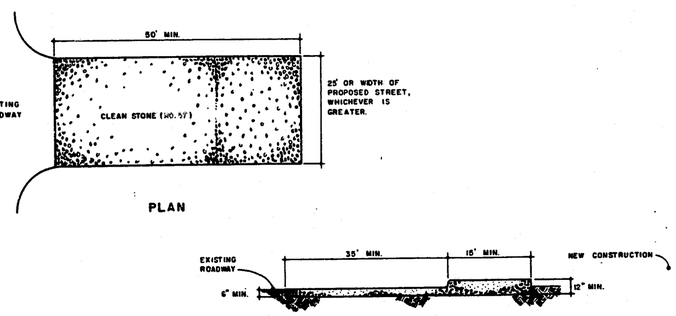
PERSPECTIVE VIEW

NOTE:
USE FOR DRAINAGE AREAS NOT EXCEEDING 8 (EIGHT) ACRES.
RIP RAP AT THE DAM SHALL BE KEYED INTO THE DAM.

REVISIONS	
DATE	DESCRIPTION
10/7/91	NOTE ADDITION SLT
10/7/91	NOTE ADDITION MHD

GRAVEL & RIP RAP FILTER BASIN

STD. NO. 4.03



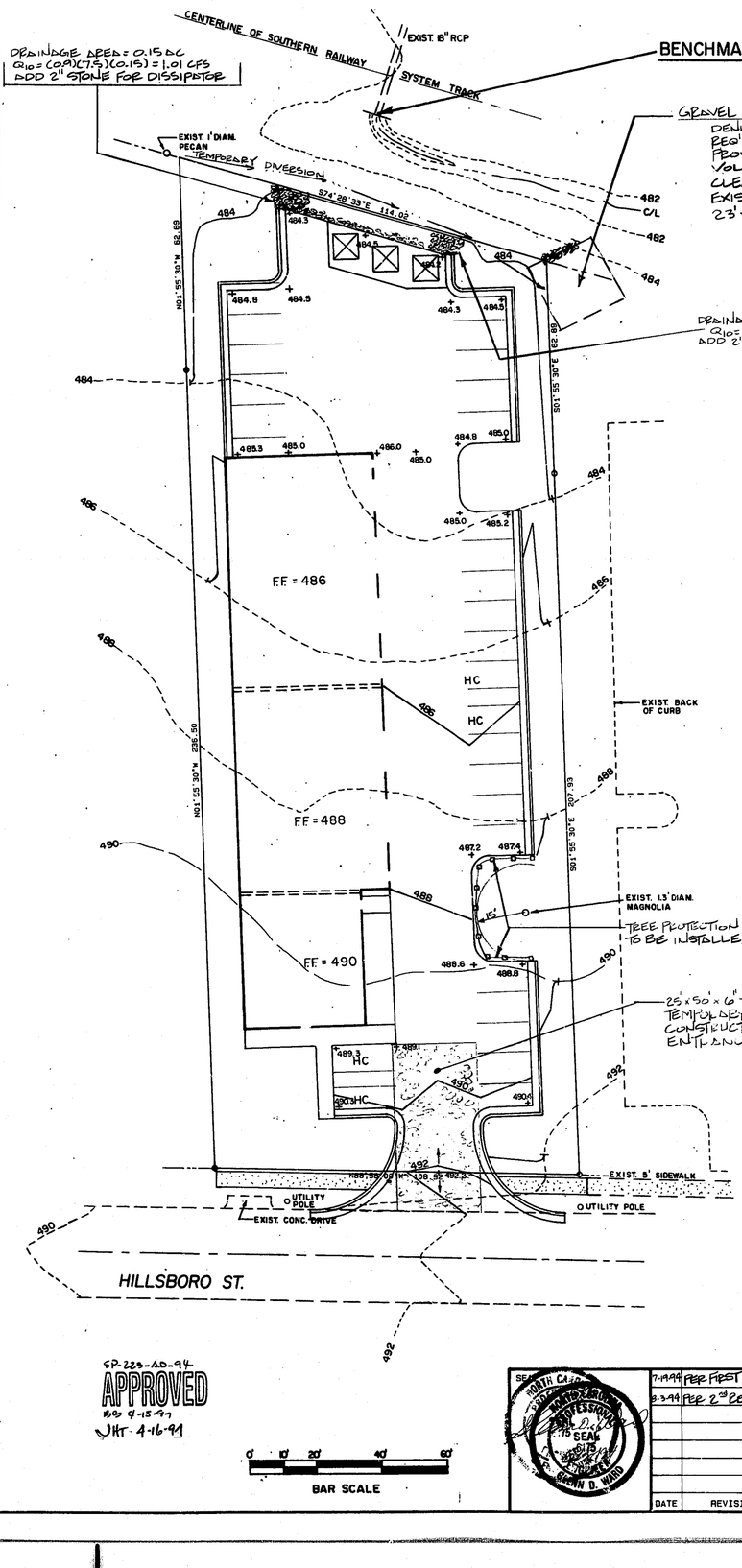
PLAN

CROSS SECTION

REVISIONS	
DATE	DESCRIPTION
10/7/91	STONE TYPE MHD

CONSTRUCTION ENTRANCE

STD. NO. 4.07



STABILIZATION

Seeding Specifications

1. Rough till entire disturbed soil surface to a depth of 2-4 inches. Grade surface to a smooth uniform slope.
2. Apply agricultural lime and fertilizer to entire disturbed area.
   275 lbs. agricultural lime/1000 sq. ft. (6.0 tons/acre) and
   25 lbs. 10-10-10 fertilizer/1000 sq. ft. (1000 lbs./acre) or
3. Thoroughly till the entire soil surface again to six inches completely incorporating the lime and fertilizer.
4. a. Permanent Grass
   Evenly apply grass seed:
   2.75 lbs. tall fescue/1000 sq. ft. (120 lbs./acre) during March through May and September through November, or
   b. Temporary and Permanent Grass Seeding (seeding at two dates)
   temporary grass (without lime and fertilizer) —2.00 lbs./1000 sq. ft. annual rye grass, and later
   apply lime, fertilizer and till as specified above and apply 2.75 lbs. tall fescue/1000 sq. ft. (120 lbs./acre) only during March through May and September through November.
5. After seeding whether temporary or permanent apply 75 lbs. wheat straw/1000 sq. ft. completely covering the soil surface and asphalt tack.
6. Grass mulch and asphalt tacking shall be used on slopes of 3:1 or less, unless specifically authorized by the soil scientist/landscape architect and soil erosion control officer.

CONSTRUCTION SEQUENCE

1. Obtain Grading Permit.
2. Install all erosion control measures as shown.
3. Obtain Certificate of Compliance through on-site inspection by Town Erosion Control Engineer.
4. Proceed with grading.
5. Clean sediment basins when half full.
6. Seed and mulch denuded area 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.

NOTES

1. ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH TOWN OF CARY STANDARDS AND SPECIFICATIONS.
2. NO 100 YEAR FLOOD PLAIN IN THIS AREA.
3. NO ACTIVITIES OTHER THAN TREE MAINTENANCE SHALL OCCUR WITHIN PROTECTED TREE ROOT ZONE.
4. TEMPORARY TREE PROTECTION FENCING SHALL BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETED AND ACCESS (TRAFFIC, STORAGE, DUMPING, GRADING) IS PROHIBITED WITHIN THE TREE PRESERVATION AREAS.

SP-229-AD-94
APPROVED
for 4-13-94
JHT 4-16-94

0' 10' 20' 40' 60'
BAR SCALE

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15075 GLENN D. WARD

DATE	REVISION	BY
7-1994	PER FIRST REVIEW	MTB
8-3-94	PER 2ND REVIEW	MTB

DATE: 6-30-94
SCALE: 1"=20'
DRN. BY: MTB
CHKD. BY: GDW
FIELD BK.: 152

GRADING, DRAINAGE, SOIL EROSION

PROPERTY OF
LESLIE A. TAYLOR
& LOLA G. TAYLOR
214 HILLSBORO STREET
CARY WAKE CO. N.C.

SHEET 2 OF

GLENN D. WARD & ASSOCIATES
CIVIL ENGINEER & LAND SURVEYOR
7404-M CHAPEL HILL RD. RALEIGH, N.C.
PHONE: (919) 851-5335