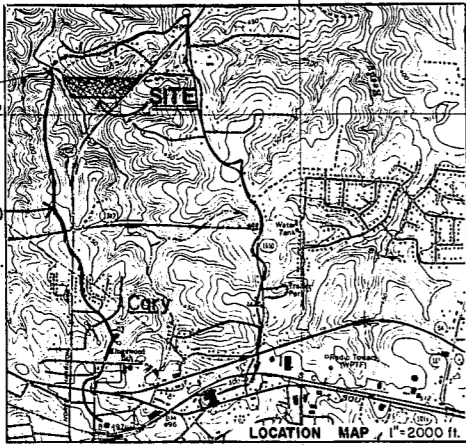
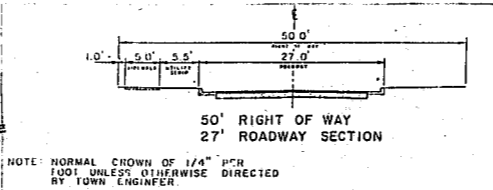


FEMA DATA  
SECTION "B"  
TRIBUTARY "A" OF BLACK CR.  
(From FLOOD INSURANCE STUDY,  
TOWN OF CARY, N.C. by  
U.S. Army Corps of Engineers)

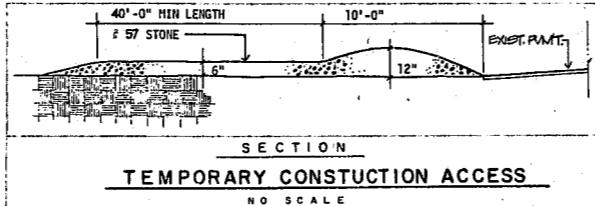
WATERSHED (above Section "B")  
Area = 895 ac.  
Mean Slope = 9.49%  
Length of Watercourse = 11,500 ft.



PAVEMENT SECTION  
FOR PUBLIC & PRIVATE  
STREETS SHALL BE:  
2" I-2 ON G'ABC



NOTE: NORMAL CROWN OF 1/4" PER  
FOOT UNLESS OTHERWISE DIRECTED  
BY TOWN ENGINEER



- CONSTRUCTION SEQUENCE**
1. Obtain Grading Permit from local authorities as required
  2. Clear streets sufficiently to enable access for construction of temporary erosion control measures
  3. Flag "Undisturbed Buffer" areas
  4. Construct all temporary erosion control measures as indicated on the Drawings
  5. Call for on-site inspection by local authorities
  6. Clear and rough grade site
  7. Grade streets
  8. Install utilities, storm drainage, and begin construction of building
  9. Seed ditches, slopes and shoulders, and other disturbed areas outside of building and parking areas. Install ditch stabilization measures as indicated.
  10. Construct curb and gutter, pavement, and sidewalks
  11. When permanent seeding is established and approved, remove all temporary erosion control measures.

- SEEDING PREPARATION**
1. Chisel compact areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
  2. Rip the entire area to 6 inches deep.
  3. Remove all loose roots, rocks, 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. Mutch immediately after seeding and anchor mulch.
  8. Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If seed should be over 200 days, reestablish following original time, fertilizer and superphosphate after permanent cover is established.
  9. Consult Conservation Inspector for minimum treatment on fertilization after permanent cover is established.

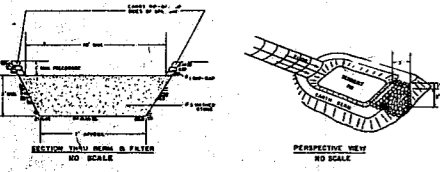
**SEEDING SPECIFICATIONS**

SEEDING PERIOD	TYPE	SEED RATE PER ACRE	APPLICATION RATE PER 1000 S.F.
Aug 15 - Nov 1	Fall Fescue	1200	2.89
Nov 1 - Mar 1	Fall Fescue	1200	2.89
Mar 1 - Apr 15	8 Annual Ryegrass	1200	0.59
Apr 15 - Jul 30	12 Seed Common Bermuda Grass	1200	1.44
Jul 30 - Aug 15	Fall Fescue and *** or Sorghum-Sudan Hybrids	1200	0.59
Mar 1 - June 1	Series Lespedeza (scarified)	500	1.27
Mar 1 - Apr 15	8 Fall Fescue	600	1.49
Mar 1 - Jun 30	12 Seed Common Bermuda Grass	600	0.24
Jun 1 - Sep 1	** Fall Fescue and *** or Sorghum-Sudan Hybrids	600	1.49
Sep 1 - Mar 1	Series Lespedeza (unscarified)	300	0.77
Nov 1 - Mar 11	8 Fall Fescue and 8 Annual Ryegrass	750	1.69
		500	1.27
		250	0.64

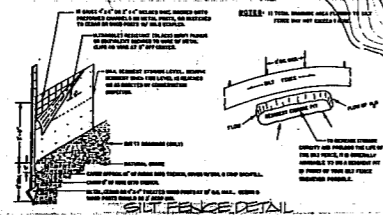
NOTE:  
SEE "SITE PLAN/  
LANDSCAPE PLAN" SHT. 1  
FOR PERMANENT  
PLANTING PLAN.

NOTE: STREAM CENTERLINE IS PROPERTY LINE  
Existing 24" San. Sewer (Black Creek Outfall)

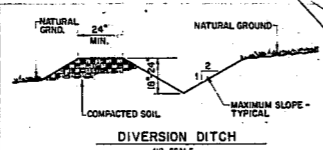
N/2 FRANKLIN LEE HOMES, INC.



TEMPORARY SEDIMENT BASIN DETAIL



SILT FENCE DETAIL



**GENERAL NOTES**

1. ALL WATER & WASTEWATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD REQUIREMENTS AND SPECIFICATIONS OF THE TOWN OF CARY.
2. WATER FEEDER LINES TO GANG METER ASSEMBLIES SHALL BE EQUIPPED WITH CURB STOPS.
3. INSTALL SILT FENCE AROUND CATCH BASIN INLETS DURING CONSTRUCTION.
4. ROADWAY & STORM DRAINAGE FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STD. REQUIREMENTS & SPECIFICATIONS OF THE TOWN OF CARY.

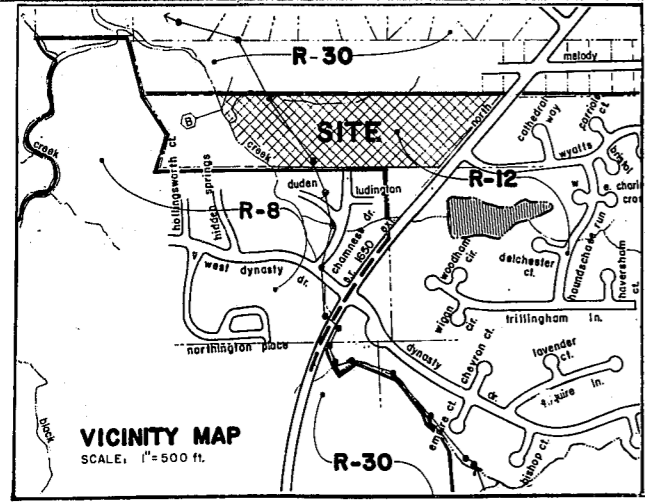
**MULTIPLE WATER SERVICES ("GANG" METERS)**

SIZE OF TAP & FEEDER CONNECTION	NO. OF METERS & SERVICE BRANCHES
3/4"	1 - 2
1"	3 - 4
1 1/2"	5 - 10

NOT RELEASED FOR CONSTRUCTION  
**MASTER PLAN - UTILITIES AND EROSION CONTROL**

**LEGEND**

	EXISTING	PROPOSED
WATER MAIN & VALVE (size as noted)		
FIRE HYDRANT & BRANCH VALVE		
REDUCER		
GANG METER ASSEMBLY & FEEDER CONNECTION [ ( ) - no. of units served ]	N/A	
BLOW-OFF ASSEMBLY	N/A	
SEWER MAIN & MANHOLE (size as noted)		
SEWER LATERAL & CLEANOUT (size as noted)	N/A	



VICINITY MAP  
SCALE: 1" = 500 ft.

TATE LANING & ASSOCIATES  
ENGINEERS  
RALEIGH, NORTH CAROLINA

GEORFFREY McLEAN & CO.  
LANDSCAPE ARCHITECTS  
LAND PLANNING & URBAN DESIGN

CAMBRIDGE FOREST  
A Proposed Planned Unit Development  
in The Town of Cary, North Carolina  
Circle - R Development, Inc., Owner / Developer

REVISED 3-17-86/AGE / REV'D APR. 4, 1986/HTM / REV'D APR. 24, 1986/HTM  
REV. D. DEC. 12, 85 / REV'D. FEB. 19, 86 / REV'D. MAR. 5, 86 / 11-17-85