

TEMPORARY SEEDING SCHEDULE (slopes 3:1 to 2:1):

Mar 1 - Jun 1	Seriesa Lespedeza (scarified)	50 lbs/ac
	add Tall Fescue	120 lbs/ac
(Mar 1 - Apr 15)	or add Weeping Lovegrass	10 lbs/ac
(Mar 1 - Jun 30)	or add	25 lbs/ac
	Hulled Common Bermuda	25 lbs/ac
Jun 1 - Sep 1	Tall Fescue and	120 lbs/ac
	Browntop Millet	35 lbs/ac
	or Sorghum-Sudan hybrids	30 lbs/ac
Sep 1 - Mar 1	Seriesa Lespedeza (unhulled, unscarified)	70 lbs/ac
	and Tall Fescue	120 lbs/ac
(Nov 1 - Mar 1)	add Abruzzi Rye	25 lbs/ac

TEMPORARY SEEDING SCHEDULE (slopes max. 3:1):

Aug 15 - Nov 1	Tall Fescue	300 lbs/ac
Nov 1 - Mar 1	Tall Fescue & Abruzzi Rye	25 lbs/ac
Mar 1 - Apr 15	Tall Fescue	300 lbs/ac
Apr 15 - Jun 30	Hulled Common Bermuda	25 lbs/ac
Jul 1 - Aug 15	Tall Fescue and	120 lbs/ac
	Browntop Millet or	35 lbs/ac
	Sorghum-Sudan Hybrids	30 lbs/ac

Consult Conservation Inspector or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded 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" height before mowing, otherwise fescue may be shaded out.

BASIN A DETAIL B SHT. L-3  
TYPE: NONPERF. RISER W/ SURFACE SKIMMER  
AREA (TOTAL & DISTURBED) = 8.3 AC.  
SED. VOL. = 8.3 X 1,800 = 14,940 CF.  
STORAGE AREA = 8' X 55' X 55'  
PRIMARY Q = 0.45 (7.5/16.3) = 28.0 CFS  
HEAD @ CONDUIT = 6'  
CONDUIT: 24" CMP (70")  
RISER: 30" CMP  
SPILLWAY Q = 10 CFS  
SIDE SLOPES: 3:1  
BOTTOM WIDTH = 8'  
SLOPE: 4:10X

CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING INSPECTION AUTHORITIES AS REQUIRED BY TOWN OF CARY & STATE LAW. PRECONSTRUCTION CONFERENCE WITH CARY CONSERVATION INSPECTOR REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- INSTALL TREE PROTECTION/ SILT FENCE, STONE CONSTRUCTION ENTRANCE CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
- CALL 469-4347 FOR ON-SITE INSPECTION BY CONSERVATION INSPECTOR.
- INSTALL BASIN A, B AND C AND CALL FOR AN INSPECTION. STABLE TO BE REGRAD ON-SITE. STOCKPILE TOPSOIL TO BE REGRAD ON-SITE. IF THE PILES STAYS OPEN FOR MORE THAN 30 DAYS.
- INSTALL PERMANENT SLOPE GRASS AND SILT PROTECTION. AFTER SITE IS REGRAD MAINTAIN ALL EROSION CONTROL DEVICES AS REQUIRED BY THE EROSION CONTROL INSPECTION. BASINS ARE TO BE CLEANED WHEN FULL.
- INSTALL STORM DRAINAGE WHERE PIPES OUTLET INTO BASINS, DO NOT INSTALL REMAINERS OF PIPE OR TIES UNLESS APPROVED BY EROSION CONTROL INSPECTOR. MAINTAIN ALL DEVICES.
- WHEN SITE IS BROUGHT TO FINAL GRADE, SEED OR MULCH DISTURBED AREAS WITHIN 30 DAYS WHEN MAJORITY OF SITE IS STABILIZED AND AT INSPECTOR'S DIRECTION REMOVE THE EROSION CONTROL BASINS. FILL REQUIRED TO FULL SLOPE WILL BE STOCKPILED NEAR THE BASINS TO MINIMIZE DISTURBANCE TO STABILIZED AREAS. COMPLETE STORM PIPING AND IMMEDIATELY INSTALL RIP-RAP APPROXS AND PHASE TWO SLOPE DRAINS.
- CALL 469-4347 FOR ON-SITE INSPECTION BY CONSERVATION INSPECTOR.
- REMOVE TEMPORARY SOIL EROSION CONTROL DEVICES WHEN NO LONGER NEEDED PER DIRECTION OF CONSERVATION INSPECTOR.
- WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE COMPLETELY STABILIZED, CALL FOR INSPECTION BY CONSERVATION INSPECTOR.

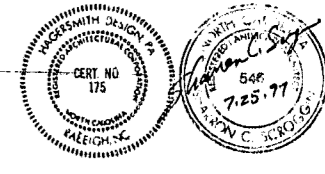


HagerSmith Design PA

Architecture  
Landscape Architecture  
Planning  
Interior Design

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- LEGEND
- PROTECTED INLET DETAIL 10 - SHEET L-3, TO BE PROVIDED AT ALL DRAINAGE STRUCTURES AS THEY ARE CONSTRUCTED.
  - TEMP. SEDIMENT BASIN TOWN OF CARY DETAIL SEE DETAIL 3 SHEET L-3
  - TEMP. DIVERSION DITCH DETAIL 7 SHEET L3
  - RIP RAP OUTLET
  - TREE PROTECTION/SILT FENCE DETAIL 2 SHEET L-3.
  - SLOPE DRAIN DETAIL 8 SHEET L-3. ALL SLOPE DRAINS ARE PHASE TWO
  - APPROX. LOCATION OF SOIL BORINGS

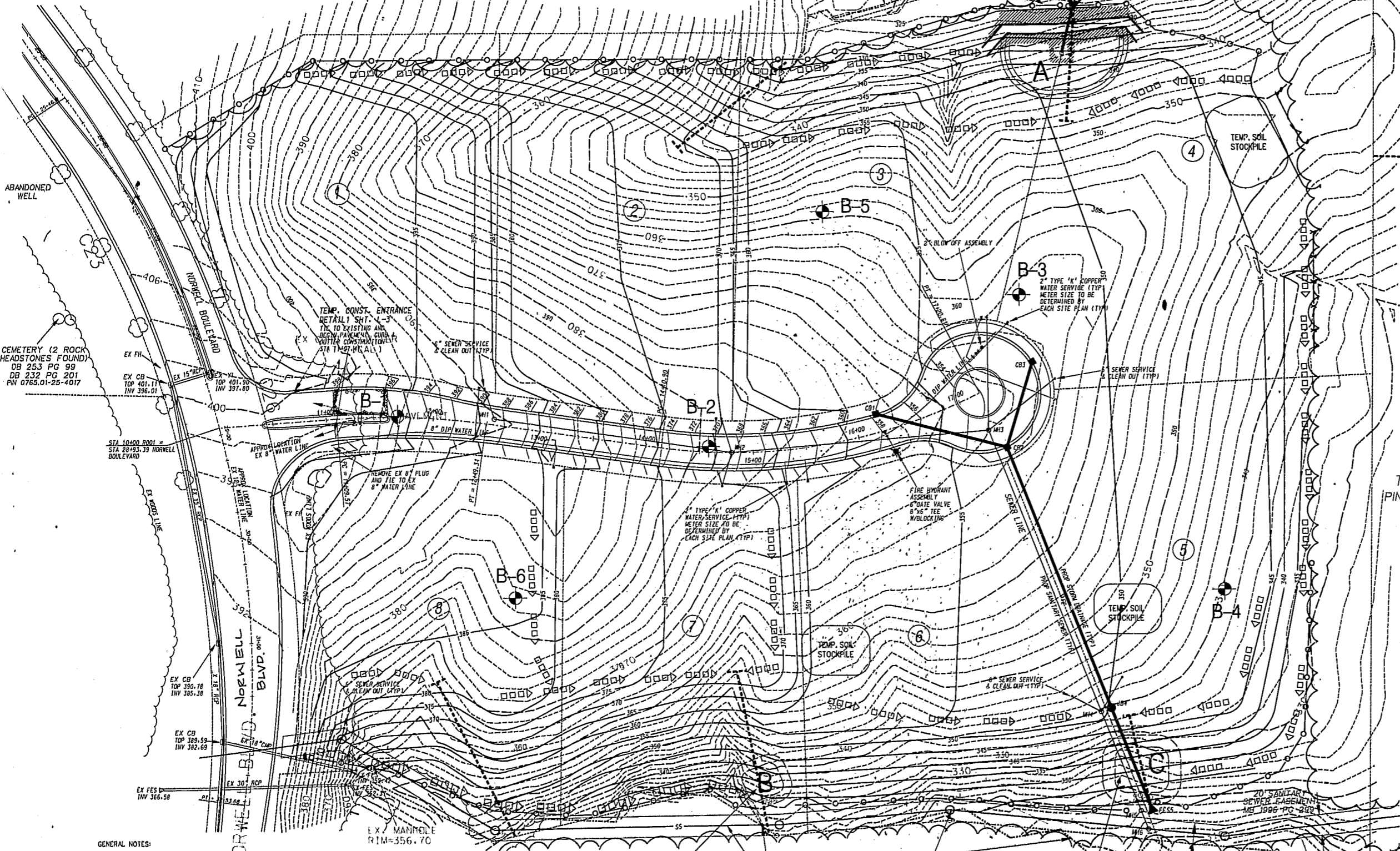
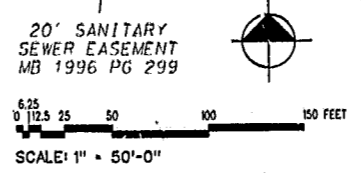
TOWN OF CARY  
PIN 0765.14-34-7785

NOTE: NORWELL BOULEVARD SHALL BE CLEANED ON A DAILY BASIS OR A WASH STATION WILL BE REQUIRED AT THE CONSTRUCTION ENTRANCE.

SEEDBED PREPARATION:

- Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
- Rip entire area to minimum depth of 6 inches.
- Remove all loose rock, 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-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- Seed on a freshly prepared seedbed. Cover seed lightly with soil after seeding.
- Mulch immediately after seeding and anchor mulch.
- Inspect all seeded areas and make necessary repairs and reseed within planting season. If position of stand should be over 60% damaged, reestablish following original lines.
- Consult Conservation Inspector on maintenance and fertilization after permanent cover is established.
- APPLY  
Agric. limestone: 2 tons/acre  
Fertilizer: 10-10-10 @ 800-1000 lbs/acre  
Superphosphate: 500 lbs/acre of 20% Mulch: 2 tons (approx. 80 bales) small grain straw / year  
Anchor: Tack with liquid asphalt @ 400 gal/acre or emulsified asphalt @ 300 gal/acre

APPROXIMATE LOCATION OF FEMA FLOOD LINE AS SHOWN ON WAKE COUNTY GIS DIGITAL INFORMATION



STORM DRAINAGE SUMMARY 4/11/97  
SIMSBURY COURT - WESTON PUD

FROM	TO	TYPE/RM	DIA (IN)	LENGTH (FT)	SLOPE (%)	Q10 (CFS)	UPSTREAM INVERT	DOWNSTREAM INVERT
CB1	CB2	CB1/252.80	15	84	0.60	2.0	347.50	347.00
CB1	CB2	CB1/355.05	15	120	3.97	3.0	353.00	348.00
CB2	MB	CB2/355.20	18	265	28.32	8.2	346.80	314.50
MB	FESS	MB/355.20	18	107	1.07	8.2	344.30	314.00

NOTES:

- ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS.
- RIM ELEVATION GIVEN FOR CB IS TOP OF CURB (100 STD 8.03).
- JB IS CONCRETE MANHOLE WITH RING & COVER.
- ALL PIPE IS TYPE NRCP UNLESS NOTED OTHERWISE.
- \* INDICATES FULLY COATED CMP W/PAN INVERT.

- GENERAL NOTES:
- AREA DISTURBED: 746,605 SF (17.1 ACRES)
  - SOIL DESCRIPTION: CLAY & SANDY SILT.
  - FLOODWAY: SUBJECT PROPERTY IS NOT WITHIN 100-YEAR FLOOD PLAN AS MAPPED BY FEMA.
  - WETLANDS: EVALUATION CURRENTLY UNDERWAY. FIELD SURVEY TO BE PROVIDED.
  - STORM DRAINAGE CALCULATIONS: SEE SHEET L-2.
  - ALL SLOPES 2.5:1V AND SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT VEGETATION IMMEDIATELY UPON ESTABLISHMENT.
  - CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND REMOVAL FROM SITE OF ALL EROSION & SEDIMENT CONTROL DEVICES, ANY SOIL MATERIALS WHICH CANNOT BE INCORPORATED INTO THE PROJECT, I.E., CONFORMING TO PROPOSED GRADES, SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.
  - THE SITE MUST BE STABILIZED & SEEDING PRIOR TO THE PUNCH LIST FOR THE ROAD

Tac # 97-SB-017  
Project 001-001

WESTON OAKS COURT

An Office Subdivision  
in Weston P.U.D.  
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OVERALL GRADING AND EROSION CONTROL PLAN

Revision	Number	Description	Date
	1	FIRST COMMENTS	7/11
	2	FIELD TOPO	7/17
	3	SEQUENCE	7/22

Drawn By: SCS  
Checked By: STI  
Date Issued: JUNE 23, 1997  
L-2  
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