

TEMPORARY SEEDING SCHEDULE

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

Date	Type	Planting Rate
Aug 15-Nov 1	Tall Fescue	300 lbs/acre
Nov 1-Mar 1	Tall Fescue	300 lbs/acre
Mar 1-Apr 15	Tall Fescue and Abercrombie Rye	25 lbs/acre
Apr 15-Jun 30	Tall Fescue	300 lbs/acre
Jun 30-Sep 1	Hotted Common Bermudagrass	25 lbs/acre
Jul 15-Aug 15	Tall Fescue and Brownsop Millet	120 lbs/acre
	**Sorghum-Sudan Hybrids	35 lbs/acre
		30 lbs/acre

Slopes (3:1 to 2:1)

Mar 1-Jun 1	Sericea Lespedeza (scarified) and Tall Fescue	50 lbs/acre
(Mar 1-Apr 15)	Add Tall Fescue	120 lbs/acre
(Mar 1-Jun 30)	Or add Weeping Lovegrass	10 lbs/acre
(Mar 1-Jun 30)	Or add Hotted Common Bermudagrass	25 lbs/acre
Jan 1-Sep 1	**Tall Fescue and Brownsop Millet	120 lbs/acre
	**Sorghum-Sudan Hybrids	35 lbs/acre
Sep 1-Mar 1	Sericea Lespedeza (unscarified) and Tall Fescue	70 lbs/acre
(Nov 1-Mar 1)	Add Abercrombie Rye	120 lbs/acre
		25 lbs/acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which will under local conditions; other seeding rate combinations are possible.

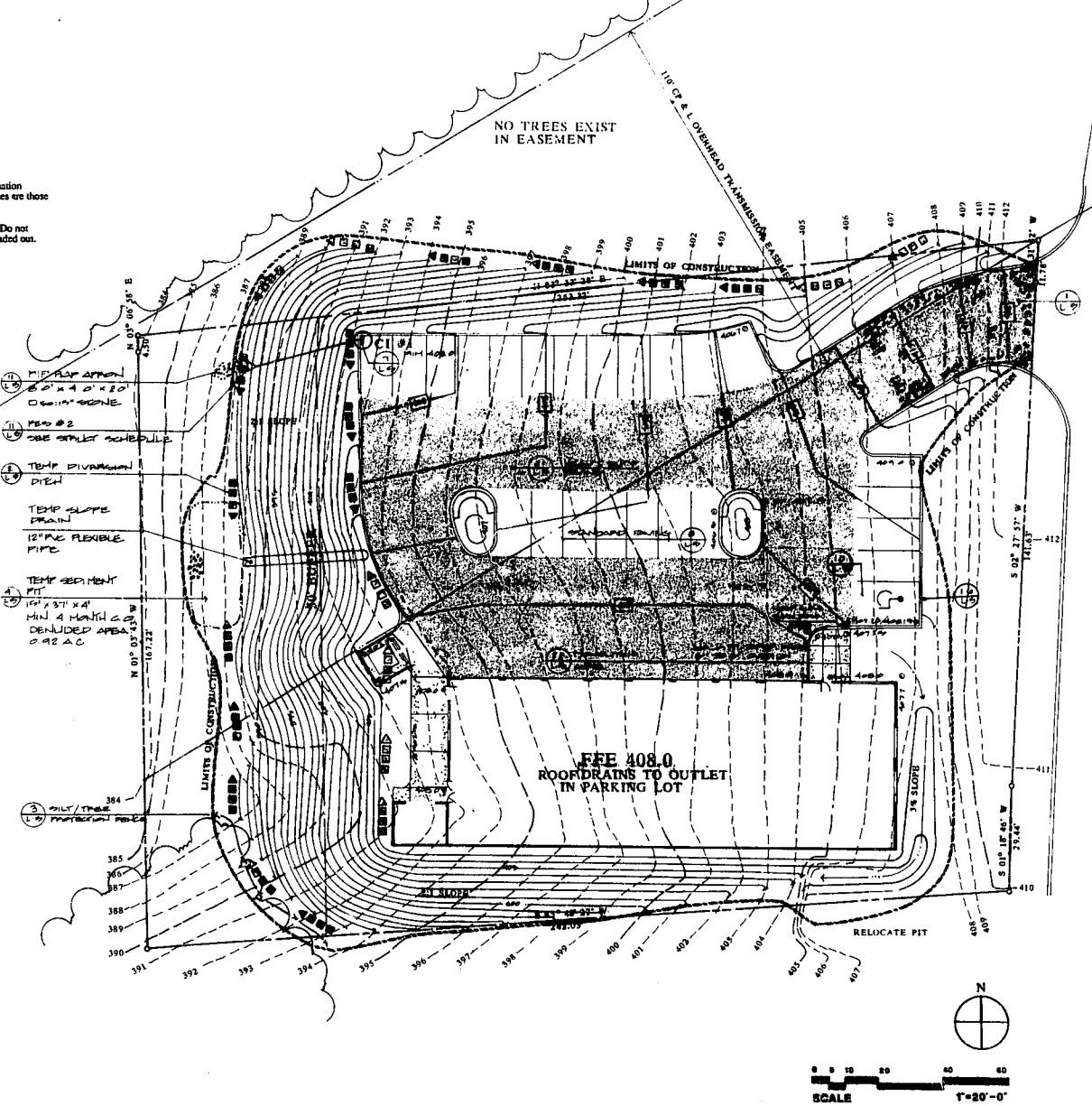
**Temporary: reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12" in height before mowing, or fescue may be shaded out.

SEEDBED 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 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 outpack after seeding.
 7. Mulk 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 60% damaged, reestablish following original time, fertilizer and seeding rates.
 9. Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.
- *Apply: Agricultural Limestone: 2 tons/acre
Fertilizer: 10/10/10 Analysis @ 800-1000 lbs/acre
Superphosphate: 500 lbs/acre of 20% analysis superphosphate
Mulch: 2 tons (approximately 80 bales) of small grain straw/acre
Anchor: Tack with liquid asphalt @ 400 gal/acre or emulsified asphalt @ 300 gal/acre

LEGEND

- LIMIT OF CONSTRUCTION
- DIVERSION DITCH
- TEMPORARY EROSION CONTROL
- - - STORM DRAIN
- SILT/TREE PROTECTION FENCE
- EXISTING 4" CAL. TREE
- SEDIMENT BASIN
- HEAVY DUTY PAVING



EROSION CONTROL NOTES

1. Topsoil is to be stored in designated areas or off-site.
2. All graded areas including slopes are to be mulched and seeded as soon as possible after grading is completed.
3. Swales carrying significant amounts of water shall be mulched to a width of 6' (not along stream).
4. All ditches are to be stabilized 3% or under with seeding; greater than 3% to be sodded.
5. Temporary sediment traps shall be constructed preceding all culvert or other drains and installed before the water (runoff) leaves the project. Sediment traps shall be cleaned of accumulated sediment when approximately 50% filled with such sediment (twice to exceed every 3 months).
6. Sediment traps shall be cleaned of accumulated sediment when approximately 50% filled with such sediment (twice to exceed every 3 months).
7. All dimensions and locations of temporary soil erosion and water pollution control devices shall be subject to adjustment as designated by the City Conservation Inspector.
8. When the temporary soil erosion and water pollution control devices are no longer required for the unexcavated portions, the opinion of the Engineer or City Conservation Inspector, they shall be removed.

CONSTRUCTION SEQUENCE

1. Obtain grading permit. Contractor is responsible for notifying inspection authorities as required by local codes.
2. Install erosion control devices and use protection fences.
3. Call 499-4076 for on-site inspection by Conservation Inspector.
4. Clear and grub site.
5. Maintain devices as needed. Rough grade site and place topsoil in area designated on plan. Place excess fill in fill site. Insure proper compaction to 95% Proctor. Contractor shall use proper construction traffic routes only as noted on plans.
6. Install under ground utilities.
7. Begin building construction.
8. Stabilize site as areas are brought to final grade by vegetation, paving, etc.
9. When construction is complete and site is stabilized, remove temporary erosion control devices if approved by Conservation Inspector, and seed out or pave remaining bare areas.
10. When vegetation has become established, call for final site inspection by Conservation Engineer.

Note: Construction to be performed to Town of Cary standards.

TO TRUCK COURT BETWEEN CARY DESIGN CENTER BUILDINGS B & C

STORM DRAINAGE CHART

PROJECT: Merchant's Tire & Auto Center
LOCATION: Ashley Village, Cary, NC
COMPUTED BY: MMH
DATE: 10/31/88

STRUCTURES	AREA	INTENSITY	PIPE	REMARKS
From To	Sub Total	(ft./hr.)	Size	Material
C #1	1.00	1.98	8"	RCP
FEB #2	0.60	1.18	8"	RCP
				OUTLET
				FEB #2

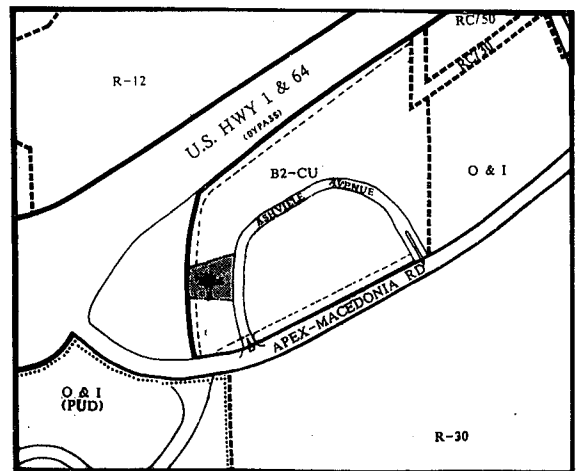
STRUCTURE SCHEDULE

PROJECT: Merchant's Tire & Auto Center
LOCATION: Ashley Village, Cary, NC
COMPUTED BY: MMH
DATE: 10/31

Structure	Rim	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	low in	
C #1	405.00																			
FEB #2																				

APPROVED
DATE: 6-28-89
BY: [Signature]
TOWN OF CARY
ENGINEERING DEPARTMENT

APPROVED
TOWN OF CARY
TOWN OF CARY
P&Z BOARD 12-19-88
T. COUNCIL 1-12-89



VICINITY MAP

SCALE 1" = 500'0"



KEENEY & CO., ARCHITECTS
RONALD W. KEENEY, P.E., P.L.C.
Salem Village, just off Hyzard Rd.
90 WHITEWOOD ROAD, SUITE 4
CHARLOTTEVILLE, VA. 27901-1668
Telephone: (804) 978-7438

Cary Merchant's Tire & Auto Center
Ashley Village
Ashville Avenue
Cary, N.C. 27511

Map Scale: 1" = 500'
North Arrow
Legend
Group
PA
Address
Landmark Address
Land Planning

REVISIONS
1. 11.10.88
2. 12.10.88
3. 01.10.89

GRADING & EROSION CONTROL

DATE ISSUED: DATE PRINTED:

DRAWN BY: MMH CHECKED BY: SCS

PROJECT NO: HAAGER SMITH & HUFFMAN # 240-305

L1 OF 5 SHEETS