PERMANENT SEEDING SCHEDULE

SHOULDERS, OPEN AREAS, SLOPES (MAX 3:1)

DATE	TYPE	PLANTING RATE
AUG 15 – OCT 15	HYB FESCUE (90%) IMPROVED BLUEGRASS (10%)	7 LBS/1000 SF
OCT 15 – FEB 15	ANNUAL RYE	2 LBS/1000 SF
APR 1 – JUNE 1	HYB FESCUE (90%) IMPROVED BLUEGRASS (10%)	7 LBS/1000 SF

PERMANENT SEEDING SCHEDULE

SLOPES GREATER THAN 3:1

DATE	TYPE	PLANTING RATE
MAR 1 – JUN 30	SERICEA LESPEDEZA (SCARIFIED) AND WEEPING LOVEGRASS	50 LBS/ACRE 10 LBS/ACRE
JUL 1 – AUG 15	TALL FESCUE AND BROWNTOP MILLET	120 LBS/ACRE 35 LBS/ACRE
SEP 1 – MAR 1	SERICEA LESPEDEZA (UNHULLED–UNSCARIFIED) AND TALL FESCUE	70 LBS/ACRE 120 LBS/ACRE

FERTILIZATION SCHEDULE

FERTILIZER	–	16–4–0 AT 20 LBS/1000 SF
LIME	–	DOLOMITE AT 90 LBS/1000 SF
SUPERPHOSPHATE	–	0–20–0 AT 12 LBS/1000 SF

SEEDBED PREPARATION

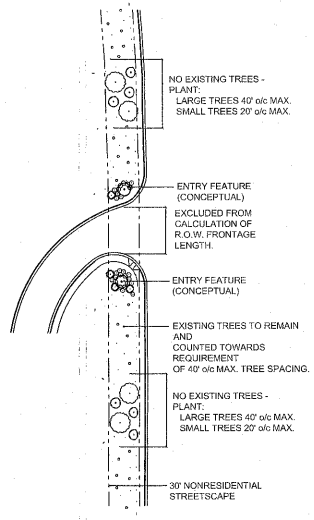
1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF APPLICABLE.
2. RIP THE ENTIRE AREA TO 6 INCHES DEPTH.
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE 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 AND ANCHOR MULCH.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

*APPLY: AGRICULTURAL LIMESTONE – 2 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
FERTILIZER – 1,000 LBS./ACRE – 10–10–10
SUPERPHOSPHATE – 500 LBS./ACRE – 20%
MULCH – 2 TONS/ACRE – SMALL GRAIN STRAW
ANCHOR – ASPHALT EMULSION @ 300 GALS./ACRE

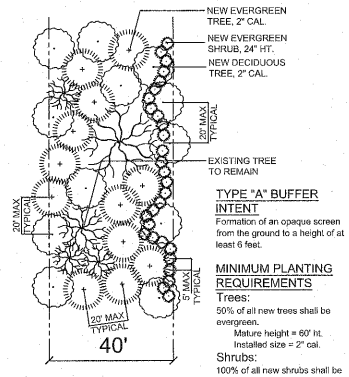
SEEDING SCHEDULES

GENERAL NOTES:

1. CONTACT ALL UTILITY COMPANIES TO LOCATE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION IF LOCATION IS IN QUESTION.
2. COMPLY WITH SIZING AND GRADING STANDARDS OF THE LATEST EDITION OF "AMERICAN STANDARDS FOR NURSERY STOCK."
3. ROOT BALLS SHALL COMPLY WITH A.A.N. STANDARDS. ONLY NATURAL FIBER BURLAP WILL BE ACCEPTABLE FOR WRAPPING.
4. ROOTS OF CONTAINER–GROWN STOCK MUST BE SO ESTABLISHED AS TO HOLD SOIL FIRMLY, BUT NOT BE POT–BOUND.
5. PRUNE PLANTS IN ACCORDANCE WITH STANDARDS OF THE NATIONAL ARBORISTS ASSOCIATION.
6. ALL DISTURBED AREAS SHALL BE STABILIZED WITH MULCH OR VEGETATIVE COVER.
7. NO PLANTS MAY BE SUBSTITUTED WITHOUT WRITTEN CONSENT OF OWNER OR LANDSCAPE ARCHITECT.
8. POORLY DRAINED AREAS MUST BE REPORTED TO THE OWNER OR LANDSCAPE ARCHITECT. PLANTING IN SUCH AREAS MUST STOP UNTIL IMPROVEMENTS CAN BE DETERMINED. ADDITIONAL COSTS OF IMPROVEMENTS WILL BE THE RESPONSIBILITY OF THE SITE WORK CONTRACTOR.
9. TREES WITH WEAK OR INAPPROPRIATE STRUCTURE, SUCH AS V–CROTCH INSTEAD OF A STRONG LEADER, ARE NOT ACCEPTABLE.
10. TYPICAL PLANTING BACKFILL MIX SHALL CONSIST OF 1 PART COMPOSTED PINE BARK TO 6 PARTS EXISTING SOIL. FERTILIZE WITH "AGRIFORM" 20–15–5 FORMULATION OR EQUAL, AT MANUFACTURER'S RATE.
11. PLANTING BACKFILL FOR ERICACEOUS PLANTS (AZALEAS ETC.) SHALL CONSIST OF 1 PART COMPOSTED PINE BARK AND 2 PARTS EXISTING SOIL WITH "AGRIFORM" 20–15–5 FORMULATION OR EQUAL, AT MANUFACTURER'S RATE.
12. STAKING AND GUYING SHALL REMAIN IN PLACE FOR ONE GROWING SEASON, AFTER WHICH THEY WILL BE REMOVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
13. ALL PLANTINGS SHALL BE WARRANTIED FOR A PERIOD OF ONE YEAR FROM THE TIME OF FINAL ACCEPTANCE.
14. PLANTING PLANS SHALL GOVERN QUANTITIES. ANY DISCREPANCIES OR OMISSIONS IN THE PLANT LIST SHOULD BE REPORTED TO THE OWNER OR THE LANDSCAPE ARCHITECT.
15. PLANT BEDS FOR ANNUALS SHALL BE PREPARED TO A MINIMUM DEPTH OF 8" WITH THE SAME BACKFILL AS SPECIFIED FOR ERICACEOUS PLANTS. ANNUALS MAY BE PLANTED BY OTHERS AS AGREED.
16. ALL PLANTINGS SHALL MEET THE MINIMUM REQUIREMENTS OF THE TOWN OF CARY LANDSCAPE ORDINANCE.



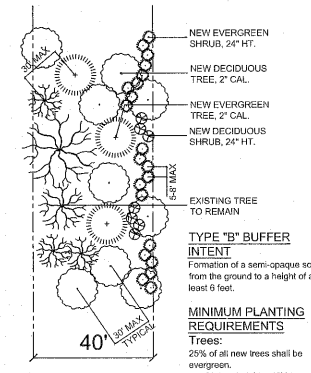
STREETYARD
Woods Edge w/Openings



TYPE "A" BUFFER
Opaque

TYPE "A" BUFFER INTENT
Formation of an opaque screen from the ground to a height of at least 6 feet.

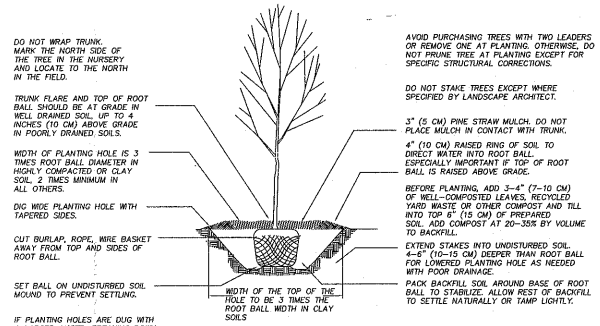
MINIMUM PLANTING REQUIREMENTS
Trees:
50% of all new trees shall be evergreen.
Mature height = 60' ht.
Installed size = 2" cal.
Shrubs:
100% of all new shrubs shall be evergreen.
Mature height = 6' ht.
Installed size = 24" ht.



TYPE "B" BUFFER
Semi-opaque

TYPE "B" BUFFER INTENT
Formation of a semi-opaque screen from the ground to a height of at least 6 feet.

MINIMUM PLANTING REQUIREMENTS
Trees:
25% of all new trees shall be evergreen.
Mature height = 40' ht.
Installed size = 2" cal.
Shrubs:
75% of all new shrubs shall be evergreen.
Mature height = 6' ht.
Installed size = 24" ht.



WHERE SEVERAL TREES WILL BE PLANTED CLOSE TOGETHER SUCH THAT THEY WILL LIKELY SHARE ROOT SPACE, TILL IN SOIL AMENDMENTS TO A DEPTH OF 4–6" (10–15 CM) OVER THE ENTIRE AREA.

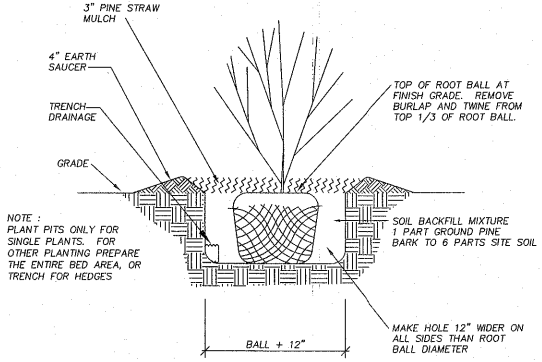
FOR CONTAINER GROWN TREES, USE FINGERS OR SMALL HAND TOOLS TO PULL ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.

DURING THE DESIGN PHASE, CONFIRM THAT WATER DRAINS OUT OF THE SOIL. USE LOWERED PLANTING HOLE DEPTH AND DESIGN ALTERNATIVE DRAINAGE SYSTEM AS REQUIRED.

THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.

THE PLANTING PROCESS IS SIMILAR FOR DECIDUOUS AND EVERGREEN TREES.

TYPICAL TREE PLANTING
NOT TO SCALE



TYPICAL SHRUB PLANTING
NOT TO SCALE

cps
Chandler Palmer Speight engineers, p.a.
7821 Parfoy Road, Suite 201
Fuquay-Varina, NC 27526
Tel:919-552-1845
Fax:919-552-6902

SEALS

REVISIONS

DATE	COMMENTS
10-25-07	TOWN OF CARY REVIEW COMMENTS

CONSTRUCTION DOCUMENT

CARY ALLIANCE CHURCH
4108 TEN TEN ROAD
CARY, NORTH CAROLINA

STEPHEN PEASE
LANDSCAPE ARCHITECTURAL SERVICES
1609 Phelps West Road (919) 612-6851
Fuquay - Varina
North Carolina 27526 twopease@earthlink.net

07-SP-015
APPROVED
TOWN OF CARY
Approved by DRC Date 04-23-07
Planning JGB Date 05-18-07
Engineering TS Date 5-21-07

REVIEWED BY:	LAS
DESIGNED BY:	LAS
DRAWN BY:	LAS
DATE:	2/8/07
PROJECT NUMBER:	06-016

LANDSCAPE DETAILS

C7.02

SHEET 15 OF 27

FEBRUARY 2007