

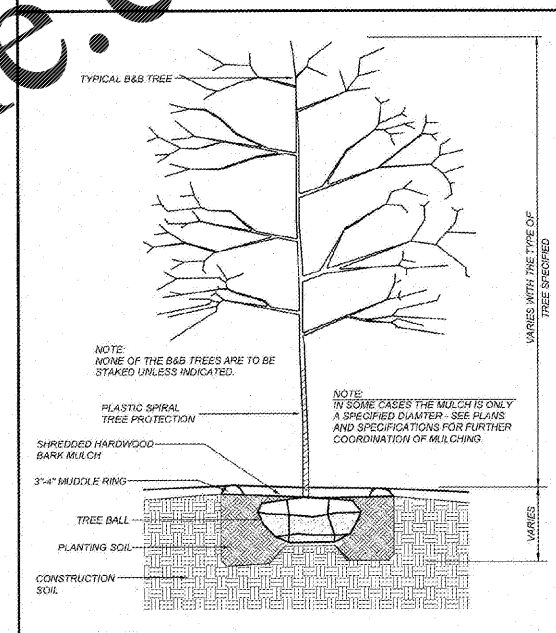
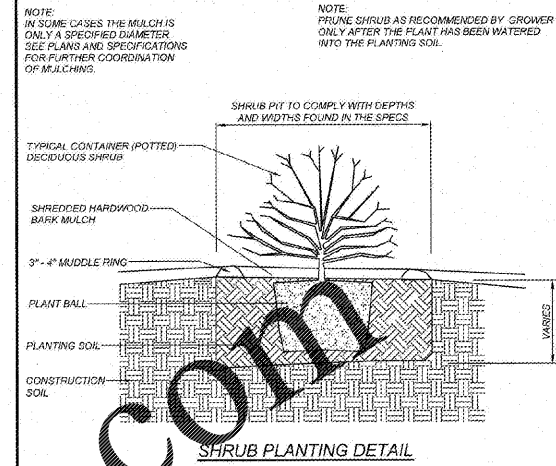
SPACING REQUIREMENTS NOTE:
 STREETYARD TREES MUST BE SPACED 30' TO 75' APART. BUFFERYARD TREES MUST BE SPACED 30' TO 60' APART. BUFFERYARD PRIMARY EVERGREEN PLANTS SHALL BE DISTRIBUTED EVENLY ALONG THE LENGTH OF THE BUFFERYARD AND STAGGERED WHERE QUANTITIES ALLOW, WITH TRUNKS SPACED 7' APART MINIMUM AND A MAXIMUM OF 15' FROM OTHER PRIMARY EVERGREEN PLANTS AND FROM ANY REQUIRED DECIDUOUS TREES.

TURF NOTES:

- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
- RIP ENTIRE AREA TO 6 INCHES IN DEPTH.
- 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 AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
- MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- INSPECT ALL SEEDING AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER EON DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.
- APPLY: AGRICULTURAL LIMESTONE - 3 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
 FERTILIZER - 1,000 LBS/ACRE - 10-10-10
 SUPERPHOSPHATE - 500 LBS/ACRE 20% ANALYSIS
 MULCH - 2 TONS/ACRE - SMALL GRAIN STRAW
 ANCHOR - ASPHALT EMULSION @ 500 GALS/ACRE
- SOD PREPARATION
 FOLLOW PREPARATION AS DIRECTED FOR STEPS 1-5 ABOVE. IMMEDIATELY WATER SOD UPON INSTALLATION AND CONTINUE UNTIL ROOTS ARE ESTABLISHED.
- CONTRACTOR SHALL WATER AND MAINTAIN ALL LAWN AREAS UNTIL AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED.
- ONCE AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED, THE CONTRACTOR SHALL REPAIR ALL DAMAGED AREAS AND MAINTAIN THE LAWN AREAS UNTIL THE GRASS REACHES A HEIGHT OF 4 INCHES TALL.
- AT THE TIME THE GRASS REACHES A HEIGHT OF 4 INCHES TALL, THE CONTRACTOR SHALL MOW THE GRASS TO THE HEIGHT OF 3 INCHES AND TURN OVER THE LAWN MAINTENANCE TO THE OWNER.
- AN ACCEPTABLE STAND OF GRASS SHALL BE 80% COVERAGE OR BETTER.

LANDSCAPE NOTES:

- THE GENERAL CONTRACTOR SHALL LEAVE THIS SITE AT FINISHED GRADE. THE LANDSCAPE CONTRACTOR SHALL REVERSE GRADES AT A MINIMUM TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.
- PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.
- ALL PLANTING SHALL BE PLACED WITHIN A MULCHED PLANTING BED. ALL STRAPPING AND THE TOP 30' OF WIRE BASKETS MUST BE CUT AWAY AND REMOVED FROM ROOT BALLS PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL.
- ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE WITH CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
- ALL AREAS NOT MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WITH THE AREA SPECIFIED ON PLANS WITH TREBEL IF HYBRID TALL FESCUE OR EQUIVALENT AS PRESCRIBED IN THE SEEDING SCHEDULE AS SHOWN ON THIS SHEET.
- SITE LIGHTING SHALL NOT BE PLACED IN CONFLICT WITH PLANTED TREES.
- TREE PROTECTION FENCING TO BE PROVIDED AROUND TREE PRESERVATION AREAS IN ACCORDANCE WITH CITY STANDARDS.
- COORDINATE ALL WORK WITH SITE LAYOUT AND SITE GRADING, DRAINAGE & UTILITIES PLAN.
- VERIFY LOCATION OF UTILITIES BEFORE PLANTING.
- MULCH ALL AREAS THAT ARE NOT SEEDED OR SODDED, WITH SHIPPED HARDWOOD MULCH TO A DEPTH OF 3"-4".
- THE SELECTION AND INSTALLATION OF PLANTS AND PLANTING METHODS SHALL CONFORM WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE CITY STANDARD DETAILS AND SPECIFICATIONS, WHICHEVER IS STRICTER.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. CONTRACTOR SHALL RULE OVER PLANT LISTS.
- SUBSTITUTIONS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SUBSTITUTIONS MAY REQUIRE ADDITIONAL APPROVAL BY THE GOVERNING JURISDICTION.
- ALL LANDSCAPING SOIL AND FILL SHALL BE FREE FROM STONES, REFUSE, AND DEBRIS AT ALL TIMES.
- TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED, AS NECESSARY, USING STAKES AND GUYS. SUCH SUPPORTS SHALL BE DESIGNED SO AS TO PROTECT TREES AND SHRUBS FROM INJURY. TREES AND SHRUBS SHALL BE FASTENED TO THE SUPPORT WITH AN ACCEPTABLE COMMERCIAL TREE TIE OR PLASTIC OR HOSE COVERED WIRE.
- THE MAXIMUM GROWTH HEIGHT OF ANY LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE THREE (3) FEET IN HEIGHT.



PLANTING SCHEDULE (SEE LANDSCAPING NOTE #12)

SYMBOL	KEY	NO.	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	ROOT	COMMENTS
AR	7	ACER RUBRUM OCTOBER GLOFFY	OCTOBER GLOFFY RED MAPLE	2\"/>				
OP	4	QUERCUS PHellos	WILLOW OAK	2\"/>				
ZS	16	ZELKOVA SERRATA VILLAGE GREEN	VILLAGE GREEN ZELKOVA	2\"/>				
IN	28	ILEX NELLIE R. STEVENS	NELLIE R. STEVENS HOLLY	2\"/>				
AG	36	ABELIA GRANDIFLORA	GLOSSY ABELIA	18\"/>				
ICH	60	ILEX CRENATA HELLER	HELLER HOLLY	15\"/>				
RI	43	RHAPHOLEPSIS INDICA	PINK INDIAN HAWTHORNE	18\"/>				

LANDSCAPE CALCULATIONS
 STREETYARD - COUNTRY CLUB ROAD
 FRONTAGE = 368 LF - 35 LF (DRIVEWAY) = 333 LF
 REQUIRED PLANTINGS: 2 DECIDUOUS TREES PER 100 LF AND SHRUBS WITH EDGE TO EDGE SPACING OF 15' (8\"/>

INTERIOR PARKING LOT
 VEHICULAR SURFACE AREA = 38,229 SF
 REQUIRED: 1 LARGE TREE PER EVERY 5,000 SF OF VEHICULAR SURFACE AREA
 REQUIRED LARGE TREES: 8,229 (5,000) = 8 TREES
 ALL PARKING SPACES MUST BE WITHIN 75 FEET OF A LARGE TREE
 PROVIDED: 3 RED MAPLE, 4 WILLOW OAK, 1 ZELKOVA

TYPE II BUFFER YARD (EASTERN & NORTHERN PROPERTY LINES):
 REQUIRED PLANTINGS FOR 15' WIDTH: 2 DECIDUOUS TREES, 3 PRIMARY EVERGREEN TREES AND 30 EVERGREEN SHRUBS PER 100 LF

EASTERN PROPERTY LINE = 270 LF = 6 DECIDUOUS TREES, 27 PRIMARY EVERGREEN, AND 54 EVERGREEN SHRUBS REQUIRED
 PROVIDED: 6 ZELKOVA, 22 NELLIE STEVENS HOLLY, 19 INDIA HAWTHORN AND 35 GLOSSY ABELIA

NORTHERN PROPERTY LINE: EXISTING VEGETATION (TREE SAVE AREA) PROVIDES BUFFER REQUIREMENT

REVISIONS

NO.	DATE	DESCRIPTION
1	06-14-19	CITY COMMENTS
2	06-20-19	UPDATE BUILDING AREAS
3	06-26-19	CITY COMMENTS #2

COMMERCIAL SITE DESIGN
 652 CURENCOR ROAD
 RAIL FICA, NORTH CAROLINA 27617
 (919) 848-8323 FAX: (919) 848-8744
 WWW.CSTDESIGN.COM

CLIENT:
 GENCAP DEVELOPMENT
 210 WEST FOURTH STREET
 SUITE 200
 WINSTON-SALEM, NC 27101

RETAIL DEVELOPMENT
 4809 COUNTRY CLUB ROAD
 WINSTON-SALEM, NORTH CAROLINA
LANDSCAPE PLAN

PROJECT NO: GEM-1808
 FILENAME: GEM1808-LS
 DRAWN BY: RCN
 SCALE: 1" = 30'
 DATE: 01-17-19
 SHEET NO: C-10

Order Plans

Individual Tree Method Used:	Tree Staked Method Used:	New Trees Used for TSA Credit:
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Number of Trees 6-8" DBH: 0 x 500 SF = 0	List the Area of Each Tree Staked being Saved: Area 1: 13,517 SF Area 2: NA Area 3: NA	Number of Large Variety Trees Planted Planted: 0 x 750 SF = 0
Number of Trees 9-11" DBH: 0 x 750 SF = 0	The tree stants contain a mix of evergreens and hardwoods, mainly oaks and pines. Trees are mature and healthy.	
Number of Trees 12-24" DBH: 0 x 1500 SF = 0		
Number of Trees 28-36" DBH: 0 x 3000 SF = 0		
Number of Trees Larger than 36-81" DBH: 0 x 4000 SF = 0	Tree Save Areas	Canopy Trees Added
Total Square Footage of Individual Trees Used to Satisfy Minimum TSA: 0	Total Square Footage of Individual Trees Used to Satisfy Minimum TSA: 13,517 SF	Total Square Footage of Individual Trees Used to Satisfy Minimum TSA: 0
Total required TSA (in square feet): 8,876	Total TSA Provided (in square feet): 13,517 SF	

