

Drawing name: C:\Dayo Adebayo\Atlanta Road and Daniell Drive\Zoning\Daniell DR & ATLANTA RD ZONING - Trees.dwg
Plotted By: mbarlow

- 
- Know what's below.
Call before you dig.

TOTAL 339" - 168" RECOMPENSE = 171" REPLACEMENT

NOTE* - WIRE GUYS SHALL NOT BE USED TO SUPPORT TREES
ONLY USE TREE STRAPS SUCH AS ARBORTIE OR EQUAL.



MULCH 3" - 4" APPROVED
ORGANIC MULCH THROUGHOUT
PLANTING BEDS - DO NOT PLACE
MULCH AGAINST BASE ROOT
FLARE OF TREE

FORM A 4" HIGH COMPACTED SAUCER
AROUND PERIMETER OF PLANTING
HOLE OR ON DOWNHILL SIDE IF
TREE PLANTED ON A SLOPE

HEIGHT OF TREE

REMOVE STRAPPING, WIRE BASKET & BURLAP FROM TOP 2/3 OF ROOTBALL. INSPECT FOR & CUT ANY GIRDLING OR POT BOUND ROOTS

NOT TO SCALE

1. SET TREE PLUMB & VERTICAL
2. PRUNE DEAD, DAMAGED & CROSSING BRANCHES. ELEVATE BRANCHES AS PER CITY REQUIREMENTS TO MEET SAFETY GUIDELINES. DO NOT CUT BRANCH TIPS OR TREE LEADER.
3. HANDLING & PLANTING OF TREE MATERIAL SHALL CONFORM TO ANSI A-300 STANDARDS.
4. ENSURE PLANTING HOLE PERCOLATES A MINIMUM OF 1/2" PER HOUR.
5. REMOVE ALL TREE STAKING AFTER 12 MONTHS OF INSTALLATION

REMOVE ALL NURSERY STAKES,
PLANT TAGS & TREE CANOPY TIES, ETC.
PRIOR TO COMPLETION OF PLANTING

STAKE & GUY ALL TREES OVER 2" CAL-
SECURE MIN. (3) 2x2 P.T. WOOD STAKES
PER TREE @ EQUAL SPACING. SECURE
TREE TO STAKES USING POLY WEBBING
STRAPS (NO WIRES) @ FIRST BRANCH OR
1/2 HEIGHT OF TREE (WHICHEVER IS
HIGHER). IF TREE TIES EXTEND INTO
LAWN AREAS OR ARE ADJACENT TO
PEDESTRIAN AREA, TIE ORANGE
FLAGGING TO EACH TIE FOR VISIBILITY.
STAKES SHALL BE SET APPROX. @
EDGE OF PLANTING HOLE OR WIDER, BUT
NOT OUTSIDE OF TREE MULCH RING IF
ADJACENT TO TURF AREAS

BACKFILL PLANTING HOLE WITH
NATIVE SOIL AMENDED WITH
ORGANIC SOIL CONDITIONER.
LIGHTLY COMPACT SOIL TO HOLD
ROOT BALL & THOROUGHLY
SOAK BACKFILL WITH WATER
IMMEDIATELY AFTER PLANTING

EXCAVATION OF PLANTING HOLE SHALL BE SLOPED & NOT VERTICAL. SCARIFY SIDES & BOTTOM OF PLANTING HOLE BEFORE SETTING TREE & BACKFILLING PLANTING MEDIUM.

EXISTING / NATIVE SOIL
IF COMPACTED DURING CONSTRUCTION, IMPROVE SOIL CONDITIONS PER CITY OF SMYRNA SPECIFICATIONS

FILL & COMPACT BASE OF PLANTING
HOLE TO SET ROOT BALL 2"-4"
ABOVE SURROUNDING NATURAL GRADE

SITE DENSITY FACTOR (S.D.F.)
TOTAL ACRES = 3.30 ACRES
S.D.F. = 3.30 ACRES X 100 INCHES
= 330 INCHES

EXISTING SITE DENSITY FACTOR (E.D.F.)
3X CREDIT FOR TREE #1071,
45" WATER OAK X 3 = 135 INCHES
TREE #1079 25" PECAN

$$E.D.F. = 135 \text{ INCHES} + 25 \text{ INCHES} = 160''$$

S.D.F. 330 INCHES - E.D.F. 160 INCHES
= 170 INCHES NEEDED

REPLACEMENT DENSITY FACTOR (R.D.F.)
= 171 INCHES (SEE PLANT SCHEDULE)

R.D.F. 171 INCHES + E.D.F. 160 INCHES
= 331 INCHES, > S.D.F. 330 INCHES,
THEREFORE, REQUIREMENTS SATISFIED.

ATLANTA ROAD CORRIDOR DESIGN
DISTRICT REQUIREMENTS:

1. A BED OF JONQUILS OR OTHER APPROPRIATE FLOWERS SHALL BE PLANTED AND MAINTAINED TO BE VISIBLE FROM PUBLIC R/W.
2. TREES SHALL BE PLANTED AND MAINTAINED AT AN AVERAGE SPACING OF NO MORE THAN 35' ALONG ENTIRE LENGTH OF 15' LANDSCAPE BUFFER EASEMENT.

SECT. 106-31, MAX. RECOMPENSE 50" PER ACRE.

9 SPECIMEN TREES ARE TO BE RECOMPENSED,
238" REQUIRED (SEE SPEC. TREE INVENTORY)

SITE AREA 3.30 AC X 50"/AC
= MAX. 165" RECOMPENSE REQUIRED

165" / 4" CAL. TREES = 41.25 = 42 TREES
REQUIRED, 42 TREES PROVIDED (168 INCHES)

453 L.F. ATLANTA RD. FRONTAGE
= 453 L.F. - 50 L.F. ENTRANCE
= 403 L.F.

403 L.F. / 40 L.F. = 10 TREES REQUIRED,
12 TREES PROVIDED.

1. RECOMPENSE TREES ARE ALSO COUNTED AS STREET TREES.
2. UNDERSTORY TREES MUST BE USED WHERE OVERHEAD POWER LINES ARE PRESENT ALONG ATLANTA RD. FRONTAGE

OWNER/DEVELOPER.
OWNER NAME
OWNER ADDRESS 1
OWNER ADDRESS 2
OWNER ADDRESS 3

24 HR. PHONE & EMERGENCY CONTACT.



GRID NORTH

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DANIELL DR & ATLANTA RD
SELF STORAGE FACILITY

TH DISTRICT, 2ND SECTION,
, COBB COUNTY, GEORGIA
ZONED GC

[illegible]

SHEET TITLE
ZONING TREE
REPLACEMENT PLAN

SEAL



PROJECT I.D. 2006046	FIELD BOOK N/A
DRAWN BY MMB	CHECKED BY MMB
SCALE 1"=30'	ISSUE DATE 11/13/20
SHEET NUMBER	

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NOT ISSUED FOR CONSTRUCTION