

February 1, 2021

BaeBrooke Village

City of Smyrna, Georgia, Land Lot 632, 17th District

prepared for:

BaeBrooke, LLC

Tree Calculations

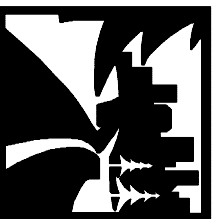
NOTE:
CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770) 319-5387 TO ARRANGE A PRECONSTRUCTION CONFERENCE PRIOR TO ANY LAND DISTURBANCE. NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH CITY REPRESENTATIVE OCCURS.

ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING OR THE REMOVAL OF IMPERVIOUS SURFACES OR STRUCTURES.

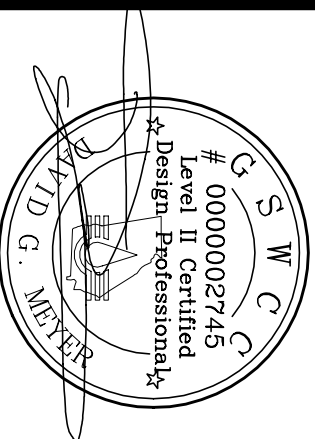
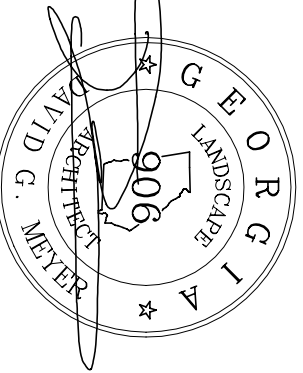
Site Area Calculation:
Net Site Area = 1.23 AC

BUFFERERS SHALL BE REPLANTED SUBJECT TO COMMUNITY DEVELOPMENT DEPARTMENT APPROVAL.

DGM
LAND PLANNING
CONSULTANTS



975 Cobb Place
Bldg, Suite 212
KENNESAW
GA 30144
770 514-9006
FAX 514-9491



Tree Density Calculation:
1.23 AC x 100"/AC = 123 Total Inches Required

EDF + RDF = SDF

EDF = 107" (107" of non-specimens + 0" of specimens preserved)

RDF = 32" (8 x 4" cal. street trees = 32" + additional trees added elsewhere on site)

107" + 32" = 139" SDF

therefore density is satisfied

Specimen Tree Recompense Calculation:

No specimen trees are believed to exist on site.

Street Tree Requirement:

8 trees +- will be required per the street tree requirement

A total of 8 x 4" caliper trees will be provided. Street trees will be placed at every viable and appropriate location possible.

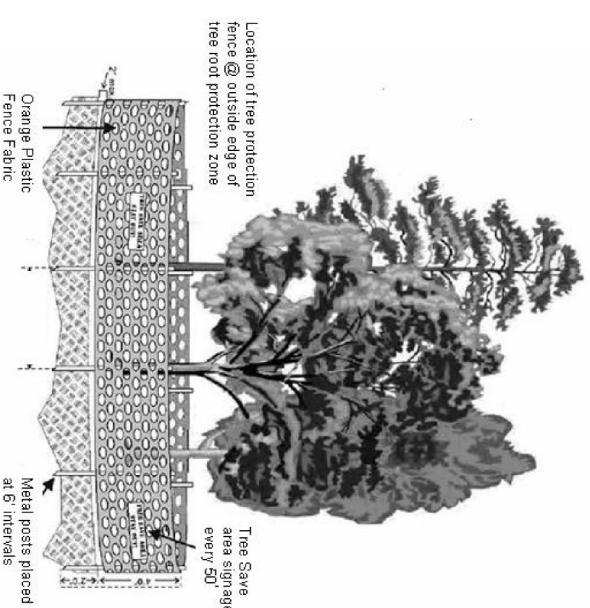
The 8 (32") will be counted to satisfy density requirements.

Preserved Non Specimen Tree Inches

Tree Number	Tree Size DBH (in inches)	Tree Species
1	22	Live Oak
2	23	Live Oak
3	23	Live Oak
4	16	Live Oak
5	23	Live Oak
Total Inches:		107

Tree Protection for Non-Specimen Trees

Tree Protection Fence Installation Detail



*specimen tree protection requires orange polyethylene fence be replaced with chain link fence.

City of Smyrna Required Notes:

- All existing trees, specimen and non-specimen, counted for EDF credits must be fully preserved during individual lot permitting
 - All trees must be planted at least 10' from any utility line.
 - Tree save fence for entire site must be installed, inspected and approved prior to installation of erosion control measures. No land disturbance or demolition is allowed before tree save fencing has been inspected and approved by Community Development Director.
 - The CRZ of Specimen trees receiving a 3X credit shall be protected with 6' chain link tree save fencing spaced 6' on center with metal support posts and Tree Save signage. Installation of tree save fence will involve no trenching, 4" of organic mulch over the CRZ and an above ground irrigation system.
 - The Community Development Director must inspect the site before installation of erosion control measures. Land disturbance without a site inspection and approval by the Community Development Director will result in a "Stop-Work Order" and fines.
 - If tree survey inaccuracies are found on-site, a stop work order will be issued until revised plans are approved and processed based on accurate information.
 - The Community Development Director must inspect and approve the site before the issuance of a Certificate of Occupancy.
 - Trees agreed upon to be saved is the responsibility of the owner.
 - A 3-4" layer of mulch will be required for the CRZ of Specimen Trees. Mulch must be applied prior to start of construction. Keep mulch at least 5" from the trunk of the tree.
 - A minimum 3-4" layer of mulch will be required for all existing, non specimen, landscape trees, including street trees and parking lot trees. Mulch must be applied prior to start of construction. Mulch shall not be placed directly against tree trunks.
 - All newly planted trees shall have visible root flares at finished grade. No circling roots shall be allowed on planted trees. The upper 2/3 of the wire basket, all burr/lap, and strapping shall be cut and removed prior to backfill.
 - All tree guys and stakes shall be removed from tree one year after planting or before.
- NO TRENCHING ALLOWED IN TREE SAVE AREAS-INCLUDING IRRIGATION.
- CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770) 319-5387 TO ARRANGE A PRECONSTRUCTION CONFERENCE PRIOR TO ANY LAND DISTURBANCE. NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH CITY REPRESENTATIVE OCCURS.
- ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING OR THE REMOVAL OF IMPERVIOUS SURFACES OR STRUCTURES.
- BUFFERERS SHALL BE REPLANTED SUBJECT TO COMMUNITY DEVELOPMENT DEPARTMENT APPROVAL.