

TREE DENSITY CALCULATIONS:
SDF = 100 X 0.435AC = 43 TDUs
EDF = >43" EDF IS WELL OVER THE MIN OF 43 TDUs THEREFORE NO REPLACEMENT TREES REQUIRED.
RDF = 0" REQUIRED
THE MINIMUM TREE DENSITY IS SATISFIED
SPECIMEN RECOMPENSE REQUIRED = 0" ASSUMING THE ARBORIST AGREES THAT WE CAN SAVE THE EXISTING 36 OAK WITH MINIMIZED IMPACTS AND A TREE PRESCRIPTION.

STREET TREE CALCULATIONS:

• THERE IS 95' OF STREET FRONTING WALKER COURT. LESS 38' FOR DRIVEWAYS RESULTS IN 57' LINEAR FEET OF APPLICABLE FRONTAGE.
• 57'/40' = 1.42 TREES REQUIRED.
• THERE IS ONE (1) EXISTING STREET TREE TO REMAIN IN THE FRONTAGE. 1 OVERSTORY STREET TREES HAVE BEEN PROPOSED. THEREFORE THE REQUIREMENT IS SATISFIED.
• DUE TO REQUIRED SETBACKS FROM DRIVEWAYS AND THE EXISTING POWER POLE, NO ADDITIONAL STREET TREES CAN BE PLACED ALONG THE STREET OTHER THAN THE ONE INDICATED ON THIS PLAN

PLANT LIST:			
QTY:	COMMON NAME:	BOTANIC NAME:	SIZE:
1	SHUMARD OAK*	QUERCUS X SHUMARDII	3" CAL.
* = STREET TREES			
+ = SPECIMEN RECOMPENSE			

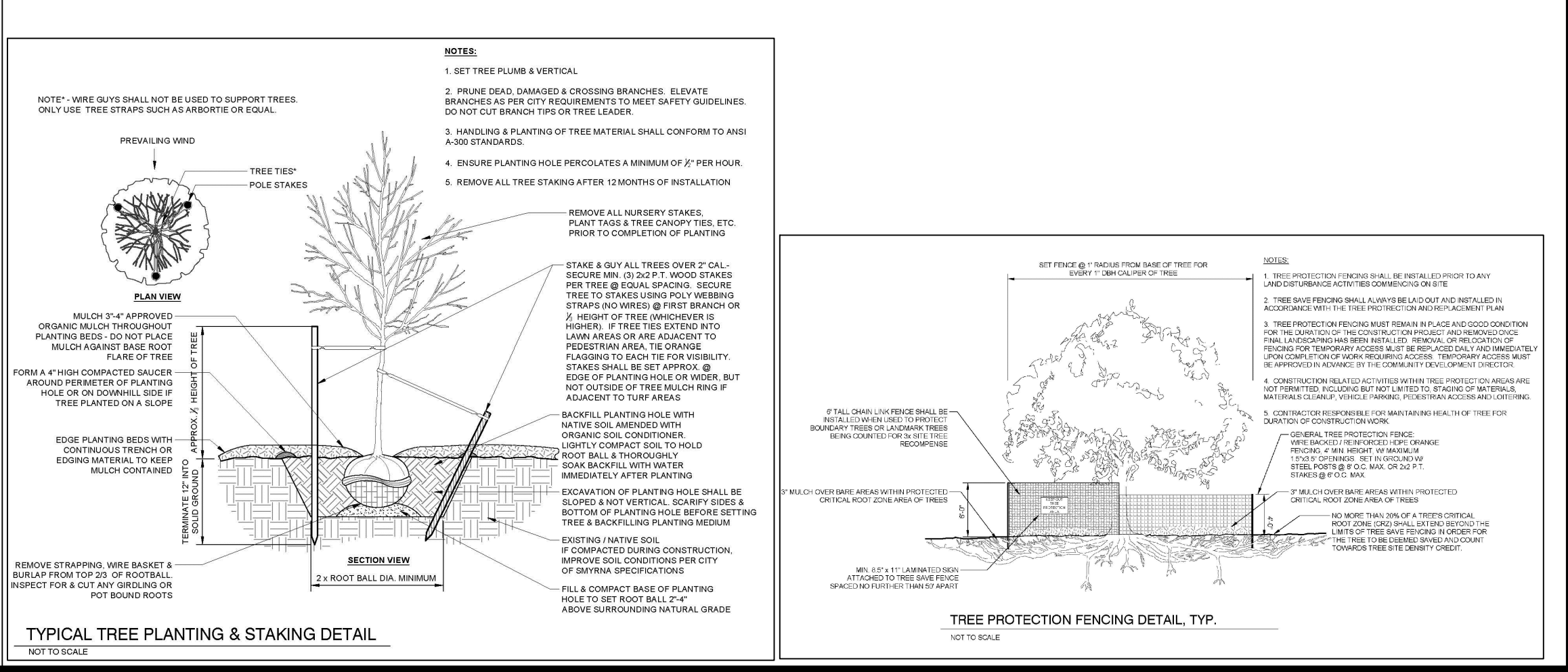
SPECIMEN TREE NOTES:
THERE ARE SPECIMEN TREES ON THIS LOT. FINAL DETERMINATION IS TO BE MADE BY THE CITY ARBORIST AND THE PLAN IS ACCORDINGLY SUBJECT TO CHANGE.

- 37" OAK TREE – Healthy tree – To remain. Most of the new development is in the footprint of the old home.
- 36" OAK TREE – Healthy tree – To remain. Most of the new development is in the footprint. New driveway will be raised to avoid any cut in the CRZ and structural root areas. The developer desires to save this tree despite the impacts and has altered the plan to save this tree.
- 31" OAK TREE – Healthy tree – To remain.
- 30" OAK TREE – Healthy tree – To remain.
- 30" OAK TREE – Healthy tree – To remain.
- 13" CHERRY TREE – Healthy tree – To remain.

C.6. THE DIRECTOR OF COMMUNITY DEVELOPMENT MUST BE NOTIFIED OF COMPLETION OF ANY TREE CARE ITEM IN THE PLAN. PROOF OF COMPLETION MUST ALSO BE SUBMITTED TO THE DIRECTOR OF COMMUNITY DEVELOPMENT.

- REQUIRED NOTES:
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 THE CITY REPRESENTATIVE OCCURS. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
- Tree Conservation Plans
- Contact the Community Development Department (770-319-5387) to arrange a pre-construction conference prior to any land disturbance. No permit shall be issued until plans are approved and an on-site inspection with City Representatives occurs. All tree conservation measures shall be installed prior to grading or the removal of impervious surfaces or structures. Buffers shall be replanted subject to Community Development Department approval. [Code Section 106-36(16)]
 - Before development, land clearing, filling or any land alteration, including removal of impervious surfaces or structures, the developer shall be required to erect suitable protective barriers including tree fences, tree conservation signs, and erosion barriers until completion of site landscaping. Authorization to remove the conservation devices shall be in writing by the Community Development Director or by the issuance of a final certificate of occupancy. Inspection of tree protection barriers is required prior to any land disturbance or development. The Community Development Director shall be contacted (770-319-5387) to schedule an inspection time. [Code Section 106-40(b)]
 - All tree protection devices must remain in functioning condition until the certificate of occupancy is issued. [Code Section 106-40(d)]
 - Materials for active tree protection shall consist of chain link, orange laminated plastic, wooden post and rail fencing or other equivalent material.
 - No person in the construction of any structure(s) or improvement(s) or any activity shall encroach or place solvents, material, construction machinery or temporary soil deposits within six feet of the area outside the critical root zone, as defined herein, of any specimen tree or any tree within a tree protection zone.
 - Inspection of tree protection barriers is required prior to any land disturbance or development. The Community Development Director shall be contacted to schedule an inspection time.
 - All tree protection devices must remain in functioning condition until the certificate of occupancy is issued.
 - Debris removed: All debris from trees cut or substantially damaged shall be removed from the site prior to the issuance of a certificate of occupancy. This includes the removal of any portion of the tree stump above the original natural grade or elevation of land. [Code Section 106-37(h)]
 - Where tree roots must be cut, make only sharp, clean cuts to promote root regeneration.
 - When clearing and grading is planned in close proximity to a tree protection zone, the limit of disturbance should be defined by a clean trench cut to a depth of 36 inches, to prevent the shredding and tearing of protected roots.
 - Tunnel instead of trench beneath tree roots within the CRZ for the installation or repair of cable, phone, electric, gas, water, or sewer lines, irrigation systems, or any utility.

- OTHER NOTES:
A. STAGING OF MATERIALS SHALL BE OUTSIDE TREE PROTECTION ZONES AND ON THE SITE.
- PERTINENT REQUIRED NOTES:
1. Trees selected for planting must meet the minimum requirements as provided in Technical Standards.
2. Transplanting procedures shall follow standards established by the International Society of Arboriculture in the "Trees and Shrub Transplanting Manual".
3. Trees selected for replanting must be free from injury, pests, disease, nutritional disorders or root defects, and must be in good vigor, must have radially symmetrical branching with a dominant leader, and must have no less than four feet (4') between planted grade and lowest branch on the trunk for a two inch (2") caliper tree. [Code Section 106-37(c)]
4. All replanted overstory trees shall have a trunk of not less than three (3) caliper inches. Overstory trees shall have no less than 400 square feet of pervious root zone; understory shall have no less than 200 square feet of pervious root zone.



"Tree save fence for the entire site must be installed, inspected and approved prior to the installation of erosion control measures. No land disturbance or demolition is allowed before tree save fencing has been inspected and approved by the Community Development Director."

"All existing specimen and non-specimen trees counted toward EDF credits must be fully preserved during individual lot permitting."
"ALL TREES MUST BE PLANTED AT LEAST 10 FEET FROM ANY UTILITY LINE."

SJM

SJMURPHY, LLC.

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Know what's below.

Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE EITHER UNKNOWN OR ARE APPROXIMATELY LOCATED ON THESE PLANS. IN NO CASE HAVE ANY UTILITIES BEEN FIELD VERIFIED BY SJMURPHY, LLC. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE AREA OF CONSTRUCTION PRIOR TO COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO ALL UNDERGROUND UTILITIES CAUSED BY HIS/HER PROJECT WORK.

NOTICE: CONSTRUCTION SITE SAFETY AND THEFT PREVENTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR THE OWNER.

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24 HOUR EMERGENCY CONTACT
RICK KOLB
404-518-3542

BROOKWOOD HOME DESIGNS LLC

2370 NEBBITT DRIVE
BROOKHAVEN, GA 30319
JOE CALLAHAN

THE OAKS AT WALKER COURT

1439 WALKER CT.
CITY OF SMYRNA
LAND LOT 560, 17TH DIST. 2ND SECTION
COBB COUNTY, GEORGIA

DATE 9/10/2021

REVISIONS

0 10' 20'
SCALE: 1"=10'

DRAWN BY: SJM
CHECKED BY: SJM
PROJECT MANAGER: SJM
JOB #: 2021005
TREE PROTECTION PLAN
SHEET NO. T200