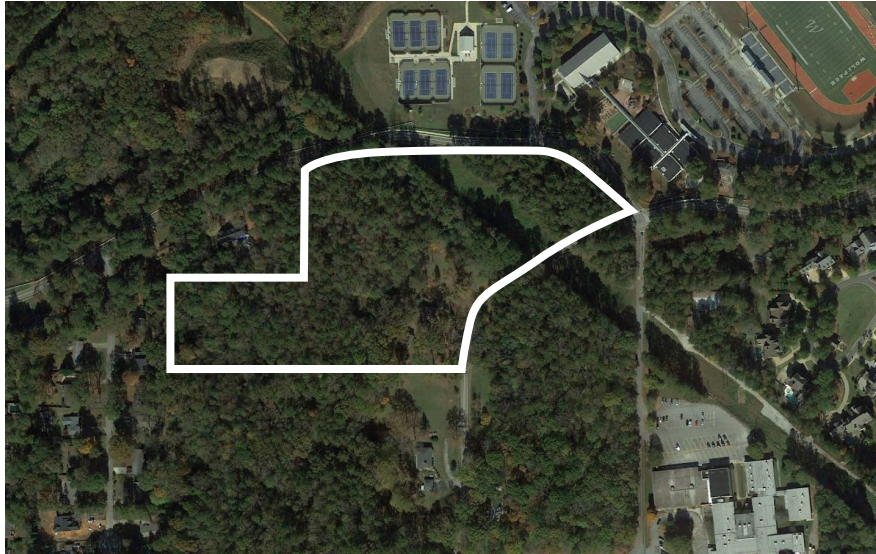


SPECIMEN TREE REPORT

SMYRNA



Tree Report for:
Beazer Homes
6455 Shiloh Road Ste.A
Alpharetta, GA 30005

Property Address:
0 Pebblebrooke Road
Smyrna GA

Project 19102.00A

Survey Date 9/10/2019



TREE CONSULTANTS

350 RESEARCH CT. PEACHTREE CORNERS, GA 30092
PHONE: 770-451-3915
A PEC DIVISION

Consulting Arborist
James Mahoney
ISA Certified Arborist #SO-10291A

Pebblebrooke

Specimen Tree Inventory

Some trees on a site warrant special consideration and encouragement for preservation. The intent of these specifications is to provide the necessary information to facilitate project design, plan review and enforcement processes. The City of Smyrna Specimen tree specifications are organized by size:

- Deciduous Hardwood (Oak and Beech) trees over 24" DBH

- Deciduous Hardwood (Maple, Hickory, Ash, Blackgum, Pecan, spruce and Cedar) trees over 30" DBH

- Conifer and Softwoods (Pine, Poplars) over 36" DBH

- Under Story (Dogwoods, Redbuds, Sourwoods) trees over 10" DBH

Any tree that does not meet the following requirements as set forth by the International Society of Arboriculture shall be deemed poor in condition, a danger to human life and property and removed from the site.

- Life expectancy less than 15 years

- A trunk with visible decay

- More than two major and several minor dead limbs (hardwoods)

- Major insect or pathological problems

- No more than 70% of branches on one side.

Site Location

The site is located on the corner of Pebblebrooke Road and Buckner Road in the city of Smyrna, and is partially bisected by a 150' power easement on its northern tip. There are 2 existing houses on the site with a small moss lawn that runs parallel with Buckner Road. The site is predominately forested with Pines and Poplars, with a number of oaks throughout. Along the southwestern border there is an existing stream where the grade of the site slopes down to meet it. The majority of specimen trees that are on site are of aqueduct quality.



Pebblebrooke

Definitions

Tree Number: Trees are tagged with an aluminum disk that shows a unique number to identify the tree.

Species: Trees are listed by a regional common name and botanical name.

Diameter at Breast Height (DBH): The diameter of a trunk at 4.5' above ground level.
Measured in inches.

Condition:

Good: A specimen tree with healthy productive tip growth. A sound trunk with no visible damage or decay. No major limb loss and healthy branch unions. No visible insect or disease infestations. Life expectancy of more than 15 years.

Fair: A specimen tree with healthy but not vigorous tip growth. Less than 30% of crown is dead. No major dead limbs and no major trunk cavities or damage. Branch unions show some signs of stress. Tree is expected to live longer than 10 years.

Poor: More than 30% of the crown is dead or has significant tip die back. More than one major limb is dead and are large trunk cavities with visible decay. Severe insect or disease damage leading to immediate death. Roots are visible and show signs of decay and rot. Life expectancy is less than 5 years.

Dead: Tree has no bud or leaf production. All limbs are barren and rot is visible.

Invasive: Tree species whose native range is not within the Piedmont classification.

Hazardous: Severe or uncorrectable damage that will lead to a loss of property or life if there is tree failure.



PebbleBrooke

Tree #	Species	DBH "	Condition	Comments
301	Southern red Oak <i>Quercus falcata</i>	35"	NST	Pic # 1: Multiple dead major Branches NST# 1
302	White Oak <i>Quercus alba</i>	30"	NST	Pic # 2: Split with included bark, Tip dieback NST #2
303	White Oak <i>Quercus alba</i>	33"	NST	Pic # 3-4: Broken and dead major branches. NST #3
304	Water Oak <i>Quercus nigra</i>	38"	NST	Pic # 5: Trunk Wound with visible decay NST #4
305	Water Oak <i>Quercus nigra</i>	40"	NST	Pic # 6: Trunk wound with visible decay NST #5
306	Water Oak <i>Quercus nigra</i>	24"	Good	Tree is in Good Condition
307	Sourwood <i>Oxydendrum arboreum</i>	10"	Good	Tree is in Good Condition
308	Water Oak <i>Quercus nigra</i>	24"	Good	Tree is in Good Condition
309	Southern red Oak <i>Quercus falcata</i>	54"	NST	Pic # 7: Multiple dead major Branches NST #6
310	Poplar <i>Liriodendron tulipifera</i>	42"	Good	Tree is in Good Condition
311	White Oak <i>Quercus alba</i>	39"	Good	Tree is in Good Condition
312	White Oak <i>Quercus alba</i>	38"	NST	Pic # 8: Over 50% of canopy is dead NST #7
313	Poplar <i>Liriodendron tulipifera</i>	38"	NST	Pic # 9: Split with Included bark NST #8
314	White Oak <i>Quercus alba</i>	30"	Good	Tree is in Good Condition
315	White Oak <i>Quercus alba</i>	44"	NST	Pic # 10: Trunk wound with visible decay NST #9
316	White Oak <i>Quercus alba</i>	36"	Good	Tree is in Good Condition
317	White Oak <i>Quercus alba</i>	40"	Good	Tree is in Good Condition
318	White Oak <i>Quercus alba</i>	45"	NST	Pic # 11: Multiple dead major Branches NST #10
319	White Oak <i>Quercus alba</i>	37"	Good	Tree is in Good Condition
323	White Oak <i>Quercus alba</i>	26"	NST	Pic # 12: Dead major branches NST #11
324	White Oak <i>Quercus alba</i>	26"	NST	Pic # 13: Trunk wound NST #12



PebbleBrooke

Tree #	Species	DBH "	Condition	Comments
325	White Oak <i>Quercus alba</i>	30"	Good	Tree is in Good Condition
326	White Oak <i>Quercus alba</i>	28"	Good	Tree is in Good Condition
327	White Oak <i>Quercus alba</i>	26"	Good	Tree is in Good Condition
328	White Oak <i>Quercus alba</i>	42"	Good	Tree is in Good Condition
329	White Oak <i>Quercus alba</i>	31"	Good	Tree is in Good Condition
330	White Oak <i>Quercus alba</i>	25"	Good	Tree is in Good Condition
332	White Oak <i>Quercus alba</i>	31"	Good	Tree is in Good Condition
333	Poplar <i>Liriodendron tulipifera</i>	38"	NST	Pic # 14: Split with included bark NST #13
334	Poplar <i>Liriodendron tulipifera</i>	43"	Good	Tree is in Good Condition
335	Water Oak <i>Quercus nigra</i>	24"	Good	Tree is in Good Condition
336	Poplar <i>Liriodendron tulipifera</i>	50"	NST	Pic # 15: Split with included bark NST #14
337	Northern Red Oak <i>Quercus rubra</i>	29"	NST	Pic # 16: More than 50% of the canopy is dead NST #15
338	Water Oak <i>Quercus nigra</i>	25"	NST	Pic # 17: Split with included bark NST #16
339	Water Oak <i>Quercus nigra</i>	27"	NST	Pic # 18: Split with Included bark NST #17

Specimen Tree Summary: The majority of the specimen sized trees on site meet the City of Smyrna standard for specimen trees

Total Specimen Sized Trees: 39

Specimen Condition: 22

Non-Specimen Condition: 17



Pebblebrooke



Pic # 1: Multiple dead major Branches
NST #1



Pic # 2: Split with included bark, Tip dieback
NST #2



Pic # 3: Broken and dead major branches.
NST #3



Pic # 4: Trunk wound with visible decay.
NST #3



Pebblebrooke



Pic # 5: Trunk Wound with visible decay
NST #4



Pic # 6: Trunk wound with visible decay
NST #5



Pic # 7: Multiple dead major Branches
NST #6



Pic # 8: Over 50% of canopy is dead
NST #7



Pebblebrooke



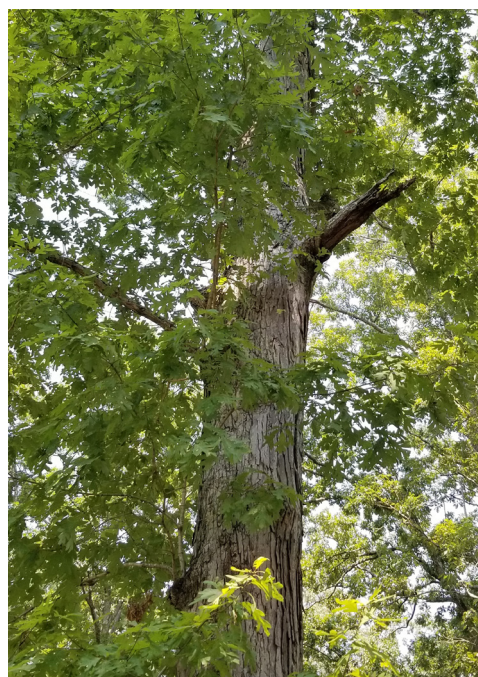
Pic # 9: Split with Included bark
NST #8



Pic # 10: Trunk wound with visible decay
NST #9



Pic # 11: Multiple dead major Branches
NST #10



Pic # 12: Dead major branches
NST #11



Pebblebrooke



Pic # 13: Trunk wound
NST #12



Pic # 14: Split with included bark
NST #13



Pic # 15: Split with included bark
NST #14



Pic # 16: More than 50% of the canopy is dead
NST #15

Pebblebrooke



Pic # 17: Split with included bark
NST #16



Pic # 18: Split with Included bark
NST #17

