



SCALE: N.T.S.  
LOCATION MAP

- PLANTING NOTES:**
- The contractor shall locate and verify all existing and new utility line locations prior to planting, and shall report any conflicts to the landscape architect. The contractor will be responsible for the protection of all underground utilities during the life of the project.
  - The contractor is responsible for repair of any damage incurred during the execution of his work.
  - The contractor shall stake all tree locations in the field and the staked locations shall be reviewed and approved by Carter Engineering. Carter Engineering may make minor adjustments to the layout without incurring additional costs to the project.
  - Mulch all plant areas for trees and shrubs with 3" layer of double ground shredded hardwood mulch.
  - Any proposed substitutions of plant species will be with plants with equivalent overall form, height, branching habit, flower color, leaf color, fruit color, and time of bloom, as approved by Carter Engineering.
  - Substitutions shall not be made unless drawings and/or written requests are submitted to Carter Engineering for approval. Carter Engineering shall determine equality based upon complete information submitted by the contractor.
  - Trees: provide specimen balled and burlapped, or as specified, trees of height, size, caliper, genus, species, cultivar and branching configuration indicated. The root system of each shall be well provided with fibrous roots. All parts of plant shall be moist and show active green cambium when cut. They shall be free of disease, insect pests, eggs or larvae. All plants to be moved balled and burlapped, must be moved with the root systems as solid units with bolls of earth firmly wrapped with untreated burlap, firmly held in place by a solid cord or wire, drum laced, boxed, or in containers.
  - Pruning and shaping: prune, thin out, and shape plants in compliance with American Hort's American Standard for Nursery Stock to preserve the natural character and only as approved by Carter Engineering design team. Retain required height and spread. Do not alter shape and do not cut leaders. Remove all dead wood, suckers, broken or bruised branches, and crossing branches.
  - Stakes and Guys: to be round cedar posts.
  - The Carter Engineering representative reserves the right to reject plant material at the nursery or at the site.
  - The trunk flare (at the base of the tree) shall be properly exposed for all plantings.
  - Keep root balls intact prior to and during planting operations. Plants with broken or damaged root balls shall be rejected and immediately removed from the site. Keep root balls damp and protected from damage due to sun and wind. Do not shave root balls.
  - Plant soil mixture will be used to backfill the planting area. Install plants simultaneously with installation of planting soil mixes.
  - Tree planting: see tree planting detail and specification notes herein for additional information related to planting of dimensions, planting operations, backfilling, and staking of trees.
  - Container stock planting: plant container grown stock the same as specified for balled and burlapped stock, but remove containers completely.
  - Soil shall be free of all debris, construction material, and slurry. Landscape areas shall be backfilled with planting soil mixture per details and specifications.
  - Obstructions: if obstructions or other conditions detrimental to healthy plant growth are encountered, notify Carter Engineering immediately and request additional instructions.
  - Watering and drainage: fill excavations with water and allow water to percolate out before planting. If planting pits do not percolate or drain properly, notify the Carter Engineering and request additional instructions prior to planting. Do not plant into poorly draining planting pits; poorly drained water may harm plants.
  - Flood all plants with water twice within the first 24 hours after planting.
  - All plant material shall be mulched after planting. Backfill to allow room for mulch after settling, and place mulch in dish after first watering and within one week of planting. See planting details for mulch thickness.
  - All plants shall be staked vertically after setting or as directed by Carter Engineering.
  - Planting restrictions: plant during one of the following periods:
    - Spring planting (shrubs, groundcover, perennials) - March through May
    - Fall planting (shrubs, groundcover, perennials) - Sept. through November
    - Tree planting - September through April
  - Installer agrees to repair or replace plantings and accessories that fail in materials, workmanship or growth within 18-months of substantial completion. Failures include, but are not limited to:
    - Death and unsatisfactory growth, except for defects resulting from the lack of adequate maintenance by owner.
    - Structural failures including plantings falling or blowing over.
  - The contractor shall verify the quantities listed in the plant legend. Contractor is responsible for installing all plants shown on planting plans. In case of discrepancies Carter Engineering should be contacted.
  - All groundcover quantities shall be determined using the information provided in the groundcover quantity and spacing chart within the Landscape Drawing Set.

TOTAL QTY	BOTANICAL NAME	COMMON NAME	CAL./GAL.	SPACING	TYPE	HT./SPR. MINIMUM	REMARKS
<b>CANOPY TREES</b>							
3	<i>Quercus muhlenbergii</i>	Nuttall Oak	3" Cal.	As Shown	B & B	12' / 6'	Straight Central Leader to Min. 6' Ht., Well Spaced Branches, Symmetrical Crown
14	<i>Shumard Oak</i>	Shumard Oak	3" Cal.	As Shown	B & B	12' / 6'	Straight Central Leader to Min. 6' Ht., Well Spaced Branches, Symmetrical Crown
2	<i>Azalea speciosa</i>	Shawnee Brave Azalea	3" Cal.	As Shown	B & B	12' / 6'	Straight Central Leader to Min. 6' Ht., Well Spaced Branches, Symmetrical Crown
<b>UNDERSTORY TREES</b>							
3	<i>Lagotis indica x fauvelii</i>	Natchez Grape Myrtle	2" Multi	As Shown	B & B	10' / 5'	Multi-stem (Min. 3) Clear to 5' Ht., Heavy Canopy, Well Spaced Branches, Symmetrical Crown
<b>EVERGREEN TREES</b>							
8	<i>Ilex attenuata</i>	Foster's Holly	3" Cal. (Std)	As Shown	B & B	12' / 6'	Straight Central Leader, Clear 5' Ht., Dense Canopy, Well Spaced Branches, Symmetrical Crown
5	<i>Magnolia grandiflora</i>	Little Gem Magnolia	4.5 Gal.	As Shown	B & B	10' / 5'	Full to Ground, Well Spaced Branches, Dense, Symmetrical Crown
6	<i>Magnolia virginiana</i>	Green Shadow	3" Cal. (Std)	As Shown	B & B	12' / 6'	Straight Central Leader to Min. 6' Ht., Dense Canopy, Well Spaced Branches, Symmetrical Crown
<b>EVERGREEN SHRUBS</b>							
22	<i>Camellia japonica</i>	Kanjiro Camellia	7 Gal.	As Shown	Container	30" / 24"	Full Pot, Well Shaped
102	<i>Gardenia jasminoides</i>	Chuck Hayes' Gardenia (Cape Jasmine)	5 Gal.	As Shown	Container	24" / 24"	Full Pot, Well Shaped
9	<i>Gardenia jasminoides</i>	Creeping Gardenia	3 Gal.	As Shown	Container	12" / 18"	Full Pot, Well Shaped
9	<i>Ilex cuneata</i>	Dwarf Yaupon Holly	15 Gal.	As Shown	Container	60" / 36"	Full Pot, Well Shaped
139	<i>Ilex glabra</i>	Shumard Oak	7 Gal.	As Shown	Container	30" / 30"	Full Pot, Well Shaped
52	<i>Ilex verticillata</i>	Stoke's Dwarf	3 Gal.	As Shown	Container	18" / 18"	Full Pot, Well Shaped
46	<i>Illicium parviflorum</i>	Bananapple Anise Tree	5 Gal.	As Shown	Container	24" / 24"	Full Pot, Well Shaped
46	<i>Myrica cerifera</i>	Don's Dwarf Wax Myrtle	5 Gal.	As Shown	Container	30" / 30"	Full Pot, Well Shaped
<b>DECIDUOUS SHRUBS</b>							
50	<i>Rosa 'Meigii'</i>	Peach Drift Rose	3 Gal.	As Shown	Container	18" / 18"	Full Pot, Well Shaped
37	<i>Rosa 'Austrie'</i>	Double Knockout Rose	3 Gal.	As Shown	Container	18" / 18"	Full Pot, Well Shaped
10	<i>Muhlenbergia capillaris</i>	Muhly Grass	3 Gal.	As Shown	Container	18" / 18"	Full Pot, Well Shaped
<b>GROUNDCOVERS (in square feet)</b>							
720	<i>Desmodium illinoense</i>	Dwarf Nikko Deutzia	1 Gal.	As Shown	Container	12" / 12"	Full Pot, Well Shaped
2,160	<i>Liriodendron 'Big Blue'</i>	Big Blue Creeping Lilyturf	1 Gal.	As Shown	Container	12" / 12"	Full Pot, Well Shaped
2,160	<i>Vicia minor</i>	Bowles' Variety Periwinkle	4" Pot	As Shown	Container	6" / 6"	Full Pot, Well Shaped
330	<i>Desmodium illinoense</i>	Double Ground Mulch	---	---	---	---	---
330	<i>Desmodium illinoense</i>	Seasonal Color	---	---	---	---	---
<b>TURF GRASS (in square feet)</b>							
2,275	Sod (as directed by owner)	Sod (as directed by owner)	---	---	SOD	---	---

PLANT SPACING	PLANT SPACING MULTIPLIER (PLANTS PER SF)
12"	1-15
15"	.74
18"	.51
24"	.29

GROUNDCOVERS	TURF GRASS
BIG BLUE LILYTURF	SOD (AS DIRECTED BY OWNER)
'BOWLES' VARIETY' GERANIUM	4-MAN BOULDERS
SEASONAL COLOR	4 TOTAL GARDEN BOULDERS
MULCH	

TREE MANAGEMENT CALCULATIONS:	
<b>GENERAL LANDSCAPE REQUIREMENTS:</b>	
<b>TYPE A (OPAQUE SCREEN/BUFFER)</b>	
This type functions as an opaque screen from the ground to a height of at least eight (8) feet. This type excludes visual contact between uses and creates a strong impression of spatial separation. Composition of the Type A Landscaping may include a wall, landscaped earthen berm, planted vegetation, existing vegetation, or any appropriate combination of these elements. Intermittent plantings of deciduous and evergreen trees shall obtain a height at maturity of no less than twenty (20) feet and have no unobstructed openings wider than ten (10) feet between tree canopies upon maturity. Shrub plantings shall have a minimum height of three (3) feet at installation and have no unobstructed openings wider than four (4) feet. At least fifty (50) percent of the required trees, and at least seventy-five (75) percent of the required shrubs, shall be evergreen species locally adapted to the area.	
Proposed Shrubs:	136 Proposed Shrubs
Required Evergreen Shrubs:	75% of Proposed
Proposed Evergreen Shrubs:	123 Proposed Shrubs (90%)
Proposed Trees:	23 Proposed Trees
Required Evergreen Trees:	50% of Proposed
Proposed Evergreen Trees:	20 Proposed Trees (87%)

TYPE B (SEMI-OPAQUE SCREEN)	
This type functions as a semi-opaque screen from the ground to at least a height of four (4) feet for screening of car lights and glare. Intermittent planting of deciduous and evergreen trees shall obtain a height at maturity of no less than twenty (20) feet and have no unobstructed openings wider than twenty (20) feet between canopies upon maturity. Shrub plantings shall have no unobstructed openings wider than four (4) feet. At least seventy-five (75) percent of the required shrubs shall be evergreen species locally adapted to the area. All side yard parking areas in the DD-8 district shall be screened from the sidewalk by low walls, fences or constructed as a continuation of a building wall a minimum of three (3) feet in height.	
Proposed Shrubs:	172 Proposed Shrubs
Required Evergreen Shrubs:	75% of Proposed
Proposed Evergreen Shrubs:	130 Proposed Shrubs (80%)
<b>TYPE C (INTERIOR PLANTINGS)</b>	
No parking space shall be less than sixty (60) feet from the base of a canopy tree.	
ALL PARKING SPACES ARE WITHIN SIXTY (60) FEET OF A CANOPY TREE.	

**811** Know what's below  
Call before you dig  
dial 811

20' 10' 0 20' 40' 60'

GRAPHIC SCALE  
SCALE 1" = 20'

5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

NO.	DATE	INITIAL REVIEW	ADDRESS COMMENTS	PCB REVIEW	ADDRESS COMMENTS
A.	07/09/19				
B.	07/24/19				
C.	07/31/19				
D.	08/15/19				

**PRELIMINARY**  
NOT FOR CONSTRUCTION

**CARTER ENGINEERING CONSULTANTS**

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STORE # 4436

LOT 2

SHEET TITLE  
**LANDSCAPE PLAN**

REVISION 3-2019

Job No. :18005CFA  
Store :4436  
Date :08/15/19

Sheet

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