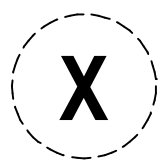
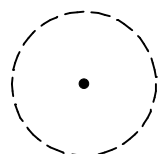


LEGEND

-  EXISTING TREE TO BE REMOVED
-  EXISTING TREE TO REMAIN

GWINNETT COUNTY NOTES:

Street trees to be a minimum of 3 inches caliper at time of planting.

Street trees shall be 3" in diameter at time of planting. Trees shall be planted outside of the right-of-way, within 5 feet from the right-of-way at a quantity of 1 tree per 50 linear feet of street (both sides of the street).

Topping trees is not allowed. Trees removed or having their tops cut after compliance with this Ordinance shall be replaced with the equivalent inches of removed trees.

All buffers and tree save areas shall be clearly identified with tree protection fencing prior to commencement of any land disturbance.

Deciduous trees shall be at least 2 inches in diameter and evergreen trees shall be at least 6 feet in height at the time of planting.

Tree Protection Fencing shall be installed prior to any land disturbance.

Tree save signs shall be every 20 feet or a minimum of 4 signs per specimen tree

EXISTING TREES

| QTY | TREE | SIZE (DBH) | STATUS | DU | DU TOTAL |
|-----|--------------|------------|----------------------|------|----------|
| 1 | ASH | 18 | REMOVED | - | - |
| 1 | BIRCH | 11, 6 | REMOVED | - | - |
| 6 | CREPE MYRTLE | 4 | REMAIN | 0.9 | 5.4 |
| 1 | CREPE MYRTLE | 4 | REMOVED | - | - |
| 2 | CYPRESS | 12 | REMAIN | 2.4 | 4.8 |
| 1 | CYPRESS | 15 | REMAIN | 3.6 | 3.6 |
| 1 | MAPLE | 14 | REMOVED | - | - |
| 2 | PINE | 8 | REMAIN | 1.65 | 3.3 |
| 1 | PINE | 10 | REMAIN | 1.95 | 1.95 |
| 5 | PINE | 11 | REMAIN | 2.1 | 10.5 |
| 2 | PINE | 12 | REMAIN | 2.4 | 4.8 |
| 2 | TREE | 12 | REMAIN | 2.4 | 4.8 |
| 1 | TREE | 10 | REMAIN | 1.95 | 1.95 |
| 26 | | | EXISTING DU PROVIDED | 41.1 | |

LANDSCAPE NOTES

- Landscape Contractor to read and understand the Landscape Specifications (sheet L-102) prior to finalizing bids. The Landscape Specifications shall be adhered to throughout the construction process.
- Contractor is responsible for locating and protecting all underground utilities prior to digging.
- Contractor is responsible for protecting existing trees from damage during construction.
- All tree protection devices to be installed prior to the start of land disturbance, and maintained until final landscaping.
- All tree protection areas to be protected from sedimentation.
- All tree protection fencing to be inspected daily, and repaired or replaced as needed.
- No parking, storage or other construction activities are to occur within tree protection areas.
- All planting areas shall be cleaned of construction debris (ie. concrete, rock, rubble, building materials, etc) prior to adding and spreading of the topsoil.
- General Contractor is responsible for adding a min of 4" clean friable topsoil in all planting beds and all grassed areas. Graded areas to be held down the appropriate elevation to account for topsoil depth. See Landscape Specifications for required topsoil characteristics.
- In all parking lot islands, the General Contractor is responsible to remove all debris, fracture/loosen subgrade to a min. 24" depth. Add topsoil to a 6"-8" berm height above island curbing; refer to landscape specifications and landscape island detail.
- Prior to beginning work, the Landscape Contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by the General Contractor and observe the site conditions under which the work is to be done. Notify the General Contractor of any unsatisfactory conditions, work shall not proceed until such conditions have been corrected and are acceptable to the Landscape Contractor.
- Any deviations from the approved set of plans are to be approved by the Landscape Architect.
- Landscape shall be installed in conformance with ANSI Z60.1 the "American Standard for Nursery Stock" and the accepted standards of the American Association of Nurserymen.
- Existing grass in proposed planting areas shall be killed and removed. Hand rake to remove all rocks and debris larger than 1 inch in diameter, prior to adding topsoil and planting shrubs.
- Soil to be tested to determine fertilizer and lime requirements prior to laying sod.
- Annual and perennial beds: add min. 4 inch layer of organic material and till to a min. depth of 12 inches. Mulch annual and perennial beds with 2-3 inch depth of mini nuggets.
- All shrubs beds (existing and new) to be mulched with a min. 3 inch layer of mulch (mulch type to be: double shredded hardwood mulch).
- Planting holes to be dug a minimum of twice the width of the root ball, for both shrub and tree. Set plant material 2-3" above finish grade. Backfill planting pit with topsoil and native excavated soil.
- Sod to be delivered fresh (Cut less than 24 hours prior to arriving on site), laid immediately, rolled, and watered thoroughly immediately after planting. Edge of sod at planting beds are to be "V" trenched; see Landscape Details.
- Any existing grass disturbed during construction to be fully removed, regraded and replaced. All tire marks and indentions to be repaired.
- Water thoroughly twice in first 24 hours and apply mulch immediately.
- The Landscape Contractor shall guarantee all plants installed for one full year from date of acceptance by the owner. All plants shall be alive and at a vigorous rate of growth at the end of the guarantee period. The Landscape Contractor shall not be responsible for acts of God or vandalism. See Landscape Specifications for Warranty requirements/expectations.
- Any plant that is determined dead, in an unhealthy, unsightly condition, lost its shape due to dead branches, or other symptoms of poor, non-vigorous growth, shall be replaced by the Landscape Contractor. See Landscape Specifications for warranty requirements/expectations.
- Site to be 100% irrigated in all planting beds and grass area by an automatic underground Irrigation System. See Irrigation Plan L-200 for design. Irrigation as-built shall be provided to the Landscape Architect within 24 hours of irrigation install completion.
- Stake all evergreen and deciduous trees as shown in the planting detail and as per the Landscape Specifications.
- Remove stakes and guying from all trees after one year from planting.

PLANT LIST

| Qty | Botanical Name | Common Name | Scheduled Size | Remarks |
|---------------------|----------------------------------|-----------------------------|--------------------------------|-------------------------------|
| Trees | | | | |
| 6 | Carpinus betulus 'Columnaris' | Pyramidal European Hornbeam | Min. 3" Cal.; Min. 12'-14' Hgt | B & B; Single Straight Leader |
| 1 | Ulmus americana 'Princeton' | Princeton Elm | Min. 3" Cal.; Min. 12'-14' Hgt | B & B |
| Shrubs | | | | |
| 74 | Distylium 'Vintage Jade' | Vintage Jade Distylium | 3 Gal. | |
| 2 | Hydrangea paniculata 'Limelight' | Limelight Hydrangea | 3 Gal. | |
| 33 | Ilex cornuta 'Needlepoint' | Needlepoint Holly | 3 Gal. | |
| 37 | Ligustrum sinense 'Sunshine' | Sunshine Ligustrum | 3 Gal. | |
| 15 | Miscanthus sinensis 'Adagio' | Adagio Grass | 3 Gal. | |
| 31 | Rosa 'Meijocoo' | Pink Drift Rose | 3 Gal. | |
| Groundcovers | | | | |
| 24 | Liriope muscari 'Big Blue' | Big Blue Liriope | 4" Pot | Plant 15" O.C. |
| 1323 | Cynodon dactylon | Hybrid Bermuda Grass | SF; Sod | |
| 66 | Color Bed | Annual Color Bed | SF; Prep & Plant | |

LANDSCAPE REQUIREMENTS

| | | | |
|------------------------|---|---|-------------------|
| A. SITE DENSITY | | | |
| REQUIRED | 1. 16 DU x 1.01 Ac. | = | 16.16 DU Required |
| PROVIDED | 1. Density fulfilled by existing trees (see table this sheet) | = | 41.1 DU Existing |

| | | | |
|---------------------------|---|---|-----------|
| B. LANDSCAPE STRIP | | | |
| REQUIRED | 1. 10' landscape strip along ROWs is required | | |
| | 2. 1 Tree per 40 LF | | |
| | Live Oak: 181 LF / 40 | = | 5 Trees |
| | Jimmy Carter: 160 LF / 40 | = | 4 Trees |
| | 3. 1 Evergreen Shrub per 4 LF | | |
| | Live Oak: 181 LF / 4 | = | 45 Shrubs |
| | Jimmy Carter: 160 LF / 4 | = | 40 Shrubs |

| | | | |
|-----------------|---|--|--|
| PROVIDED | 1. Landscape strips provided along both ROWs | | |
| | 2. Live Oak: 3 Hornbeam, 1 Existing Tree | | |
| | Jimmy Carter: 3 Hornbeam, 1 Existing Tree | | |
| | 3. Live Oak: 17 Needlepoint Holly, 15 Sunshine Ligustrum, 15 Existing Shrubs | | |
| | Jimmy Carter: 16 Needlepoint Holly, 15 Sunshine Ligustrum, 10 Existing Shrubs | | |

| | | | |
|-----------------------|--|---|---------|
| C. PARKING LOT | | | |
| REQUIRED | 1. 1 Tree per 7 parking spaces required | | |
| | 48 spaces / 7 | = | 7 Trees |
| | 2. Every parking space shall be within 60' of a tree | | |
| | 3. Planting area for canopy trees shall be min. 200 SF | | |

| | | | |
|-----------------|--|--|--|
| PROVIDED | 1. 7 Existing Trees | | |
| | 2. Every space is within 60' of a tree | | |
| | 3. Planting area for canopy trees is min. 200 SF | | |

| | | | |
|--------------------|------------|-------------------------|-------------------------|
| D. CANOPY | | | |
| Tree | Qty | Canopy (SF) | Total |
| Pyramidal Hornbeam | 6 | 962 | = 5572 |
| Princeton Elm | 1 | 707 | = 707 |
| | | | = 6279 New Tree Canopy |
| Existing Trees | 26 | 23,302 (Calc. from CRZ) | = 23302 Existing Canopy |
| | | | = 29581 Total Canopy |
| | | | 67% of Site |



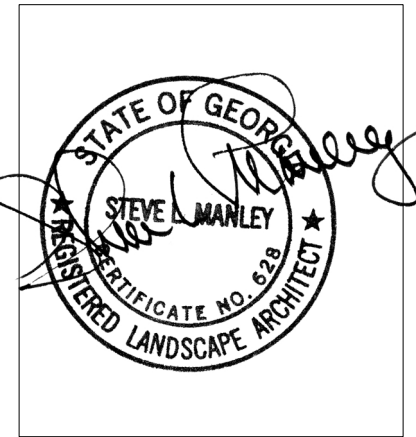
Chick-fil-A
Chick-fil-A
5200 Buffington Road
Atlanta, Georgia
30349-2998



770.442.8171 tel
770.442.1123 fax

Manley Land Design, Inc.
51 Old Canton Street
Alpharetta, Georgia 30009

manleylanddesign.com



CHICK-FIL-A
Jimmy Carter Boulevard
5455 Jimmy Carter Boulevard
Norcross, GA 30093

FSU# 0745

REVISION SCHEDULE
NO. DATE DESCRIPTION

MLD PROJECT # 2018003
PRINTED FOR Permit
DATE 1.10.18
DRAWN BY SLG

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.
SHEET

Permit Landscape Plan

SHEET NUMBER

L-100