

PLANT LIST - TREES

| Qty.                       | BOTANICAL                        | COMMON     | SIZE          | UNITS                  | UNITS EXT. | % OF TOTAL | COMMENTS  |
|----------------------------|----------------------------------|------------|---------------|------------------------|------------|------------|---|
| 6                          | <i>Thuja occidentalis</i>        | Arborvitae | 6" IN.        | 0.0                    | 0          | 8%         |   |
| 21 (8 specimen recompense) | <i>Acer rubrum</i>               | Red Maple  | 3" 12-14" IN. | 0.6                    | 12.6       | 30%        | Straight trunk; dense, uniform branching; matched |
| 24 (5 specimen recompense) | <i>Quercus phellos</i>           | Willow Oak | 3" 12-14" IN. | 0.6                    | 14.4       | 34%        | Straight trunk; dense, uniform branching; matched |
| 20                         | <i>Ulmus parvifolia 'Alicia'</i> | Alice Elm  | 3" 12-14" IN. | 0.6                    | 12.0       | 28%        | Straight trunk; dense, uniform branching; matched |
| Total Trees = 57           |                                  |            |               |                        |            |            |   |
|                            |                                  |            |               | Total Units Proposed = | 39.0       | 100%       |   |

TREE CANOPY CALCULATIONS

| Qty.                            | BOTANICAL                        | CANOPY IN SQUARE FEET     | TOTAL CANOPY IN SQUARE FEET |
|---------------------------------|----------------------------------|---------------------------|-----------------------------|
| 21                              | <i>Acer rubrum</i>               | 1,800                     | 37,800                      |
| 24                              | <i>Quercus phellos</i>           | 1,800                     | 43,200                      |
| 20                              | <i>Ulmus parvifolia 'Alicia'</i> | 1,800                     | 36,000                      |
| TOTAL                           |                                  |                           | 117,000                     |
| 1.74 ACRES TOTAL SITE ACREAGE   |                                  |                           | 75,794                      |
| PERCENTAGE OF TOTAL SITE CANOPY |                                  | 117,000 DIVIDED BY 75,794 | 154%                        |

PLANT LIST - SHRUBS

| Qty. | %   | BOTANICAL                       | COMMON           | SIZE   | COMMENTS  |
|------|-----|---------------------------------|------------------|--------|---|
| 79   | 18% | <i>Ilex cornuta 'Needpoint'</i> | Needpoint Holly  | 3 gal. | Healthy, vigorous, well rooted in pot. Dense, symmetrical shape |
| 83   | 19% | <i>Loropetalum</i> spp.         | Ruby Loropetalum | 3 gal. | Dense, full, uniform branching                                  |
| 127  | 28% | <i>Raphiolepis indica</i>       | Indian Hawthorn  | 3 gal. | Dense, full, uniform branching                                  |
| 157  | 35% | <i>Ilex cornuta 'Carissa'</i>   | Carissa Holly    | 3 gal. | Dense, full, uniform branching                                  |

NOTE: NO SINGLE SHRUB SPECIES TO EXCEED 35%

PLANT LIST - GROUNDCOVERS

| Qty. | BOTANICAL                      | COMMON                | SIZE   | COMMENTS  |
|------|--------------------------------|-----------------------|--------|---|
| 20   | <i>Liriodendron 'Big Blue'</i> | Big Blue Liriodendron | 4" Pot | Healthy, vigorous, well rooted in pot. Dense, symmetrical shape |

EXISTING TREE SAVE DATA (RTF)

| Dia.                 | Qty. | Unit Ea. | Total Units |
|----------------------|------|----------|-------------|
| 1" - 4"              | 0    | 0.1      | 0           |
| 5" - 7"              | 0    | 0.3      | 0           |
| 8" - 9"              | 0    | 0.5      | 0           |
| 10"                  | 6    | 0.6      | 0           |
| 12"                  | 0    | 0.8      | 0           |
| 15"                  | 0    | 1.2      | 0           |
| 16"                  | 0    | 1.4      | 0           |
| 24"                  | 0    | 3.1      | 0           |
| Total Existing Units |      |          | 0           |

TREE PROTECTION/REPLACEMENT CALCULATIONS

|   |               |
|---|---------------|
| Required Tree Density                                       | 16 units/acre |
| Total Project Area  | 1.742 acres   |
| Total Units Required (16x1.742) (Tree Density Factor TDF)   | 27.87 units   |
| Existing Units  | 0.0 units     |
| Units Required (TDF-RTF)/(Required Replacement Density RRD) | 27.87 units   |
| Density Units Provided on Site: (Existing + Proposed)       | 31.2 units    |
| Specimen Units Required on Site:                            | 7.35          |
| Specimen Units Provided on Site:                            | 7.8           |
| Total Units Provided on Site:                               | 39.0          |

RECOMPENSE SPECIMEN TREES REMOVED

| Dia.        | Qty. | Unit Ea. |
|-------------|------|----------|
| 28" Maple   | 1    | 4.9      |
| Total Units |      | 4.9      |

Specimen recompense = 4.9 units (1.5) = 7.35 recompense units  
 Recompense units to be replaced with 3" caliper trees  
 3" cal. replacement tree = 0.6 units  
 13 Trees Required to recompense



10' FRONT LANDSCAPE STRIP

| Length of frontage         | 316                                      |
|----------------------------|--|
| Trees Req. (1 per 30 L.F.) | 11 11 trees proposed                     |
| Total area (316x10)        | 3160 s.f.                                |
| Req'd 60% coverage         | 1900 s.f.                                |
| 1910 s.f. provided         | 11 Tree x 50 s.f.<br>85 Shrubs x 16 s.f. |

10' FRONT LANDSCAPE STRIP

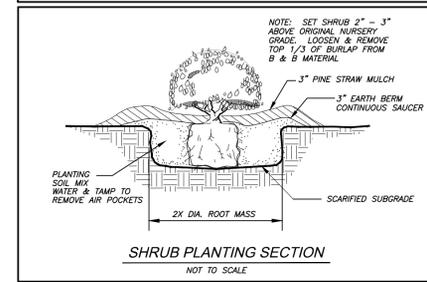
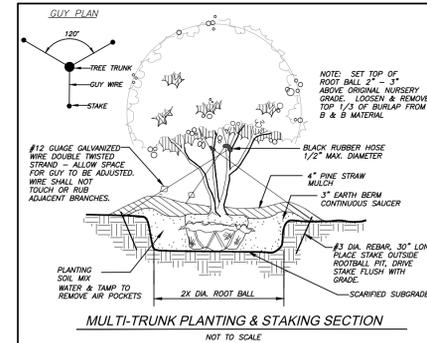
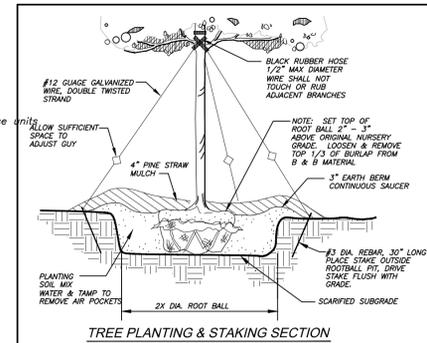
| Length of frontage         | 280                                     |
|----------------------------|---|
| Trees Req. (1 per 30 L.F.) | 9 9 trees proposed                      |
| Total area (280x10)        | 2800 s.f.                               |
| Req'd 60% coverage         | 1680 s.f.                               |
| 1682 s.f. provided         | 9 Tree x 50 s.f.<br>77 Shrubs x 16 s.f. |

5' REAR LANDSCAPE STRIP

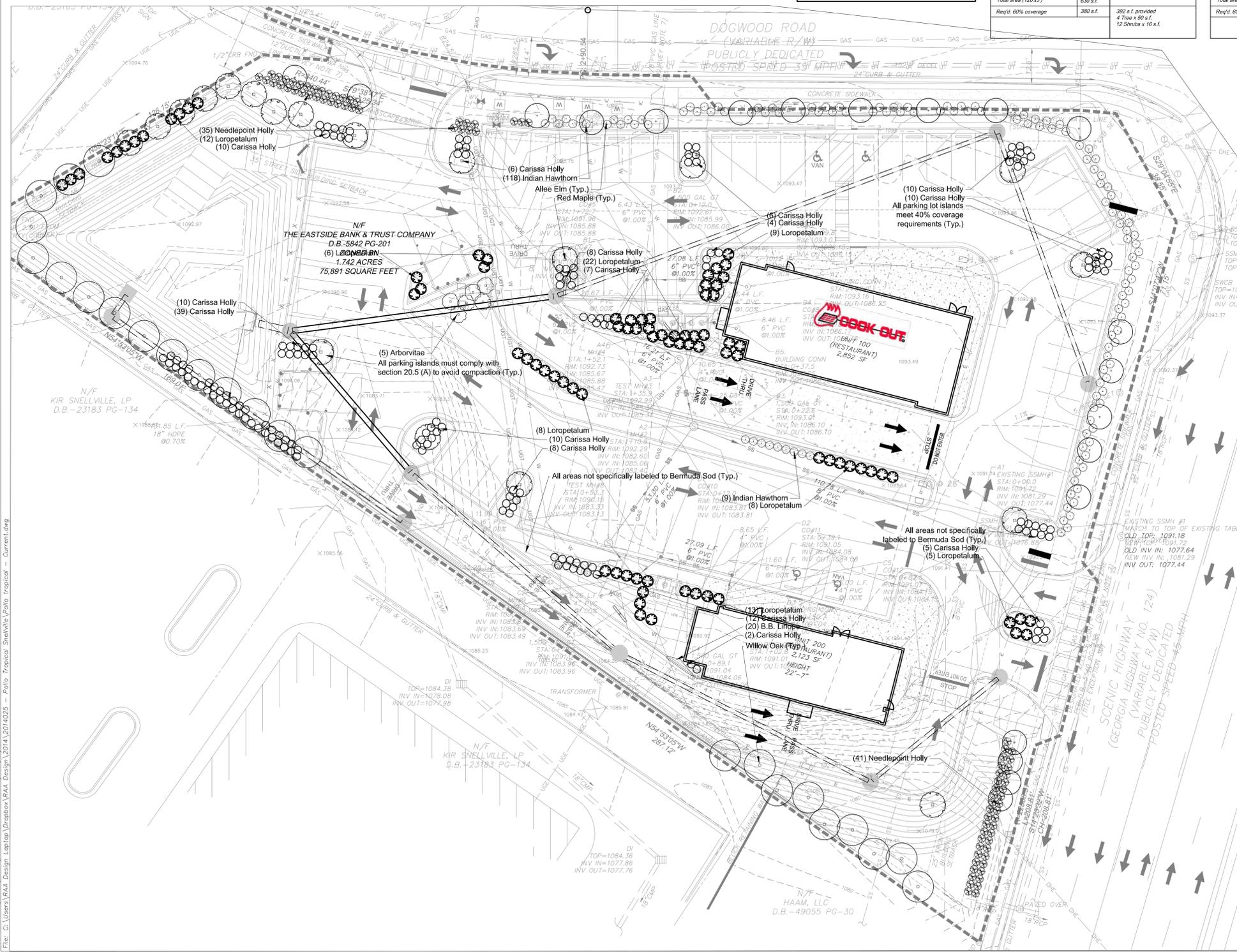
| Length of frontage         | 128                                     |
|----------------------------|---|
| Trees Req. (1 per 30 L.F.) | 4 4 trees proposed                      |
| Total area (128x5)         | 640 s.f.                                |
| Req'd 60% coverage         | 380 s.f.                                |
| 382 s.f. provided          | 4 Tree x 30 s.f.<br>12 Shrubs x 16 s.f. |

5' SIDE LANDSCAPE STRIP

| Length of frontage         | 456                                      |
|----------------------------|--|
| Trees Req. (1 per 30 L.F.) | 15 15 trees proposed                     |
| Total area (456x5)         | 2280 s.f.                                |
| Req'd 60% coverage         | 1370 s.f.                                |
| 1374 s.f. provided         | 15 Tree x 50 s.f.<br>39 Shrubs x 16 s.f. |



NOTE: ALL DECIDUOUS TREES TO BE A MINIMUM 2" CALIPER AT TIME OF PLANTING.  
 ALL EVERGREEN TREES TO BE A MINIMUM 6 FEET IN HEIGHT AT TIME OF PLANTING.



SNELLVILLE TREE PRESERVATION NOTES:

- A Tree Protection inspection shall be performed by a Certified Arborist or Forester at the following four states of construction: prior to commencement of land disturbance; after clearing and grubbing; after grading; and at the end of the project before a Certificate of Occupancy is issued.
- Any tree(s), designated for preservation, which is negligently damaged during construction, as determined by the City Arborist, shall be treated as according to National Arborists Association Standards. If fatally damaged, the tree(s) shall be replaced with four-inch caliper trees equal to the unit value of the tree(s) removed. Any specimen tree damaged as described above shall be replaced with trees equal to three times the unit value of the tree removed.

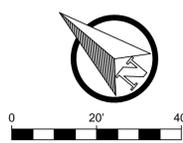
SNELLVILLE CONSTRUCTION TREE PROTECTION NOTES:

- All construction activities shall be coordinated with the tree protection supervisor prior to commencement. Any damage or impact to tree protection areas shall be reported immediately to the Tree Protection Supervisor.
- All buffers and tree save areas are to be clearly identified with fencing and signage on all sides and approved by the City Arborist prior to the commencement of any land disturbance. Notify the City at (770) 985-3513 at least 24 hours prior to commencement. All tree protection devices shall remain in fully functioning condition until issuance of the certificate of occupancy.
- No person shall encroach into the tree protection zones. Construction activities, including but not limited to, parking, vehicle and foot traffic, material storage, concrete washout, debris burning, and other activities shall be arranged so as to prevent disturbance within the protected areas.

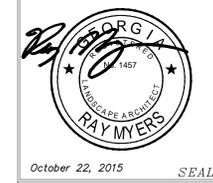
SNELLVILLE LANDSCAPE NOTES:

- All landscape materials shall conform with the ANSI American Standard for Nursery Stock.
- Moisture sensor/rain gauge equipment to be used with irrigation system.
- Provide a watering schedule that indicates the different irrigation zones and the frequency and amount of irrigation. The schedule must be in accordance with Gwinnett County's water usage regulations.
- The irrigation system shall be fully operational prior to issuance of the Certificate of Occupancy. The system will be tested during the final inspection by the City.
- The approved watering schedule shall be followed during the two-year maintenance period during which the Landscape Board is held by the City.
- Prior to issuance of a Certificate of Occupancy, the developer or owner shall post a performance bond or cash escrow guaranteeing all landscape materials and work for a period of two (2) years after the approval or acceptance thereof by the City. An itemized estimate prepared by the landscape contractor shall be submitted with the bond or escrow.
- All guying and staking materials shall be removed within one year on installation.
- Trees may not be planted in sewer easements.

NOTE:  
 ON-SITE TREE PROTECTION SUPERVISOR,  
 CONTACT ANTHONY EDWARDS 407-504-8664.



REVISIONS  
 COMMENTS 10-19-2015



LANDSCAPE PLAN

DOGWOOD STATION RESTAURANTS  
 SNELLVILLE, GEORGIA

|  |           |
|--|-----------|
| DATE   | 8/11/2015 |
| JOB NO.  | 2014025   |
| SCALE  |           |
| DRAWN BY   | RM        |
| CHKD BY  | RM        |
| DISCLAIMER<br>THIS DRAWING IS THE PROPERTY OF RAA DESIGN, LLC AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT.<br>RAA DESIGN |           |
| SHEET  |           |
| LS-1   |           |
| 1 OF 2   |           |