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Landscape Architecture, Design, + Planning
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DATE DESCRIPTION REV

ALEXAN GATEWAY

AVONDALE ESTATES, GA
PREPARED FOR: TRAMMELL CROW RESIDENTIAL
3715 NORTHSIDE PKWY, 1-200, ATLANTA, GA 30327

BOMC SUBMITTAL

TREE PLAN

PROJ. NO: 02-TCR-AGA

DESIGN: KK

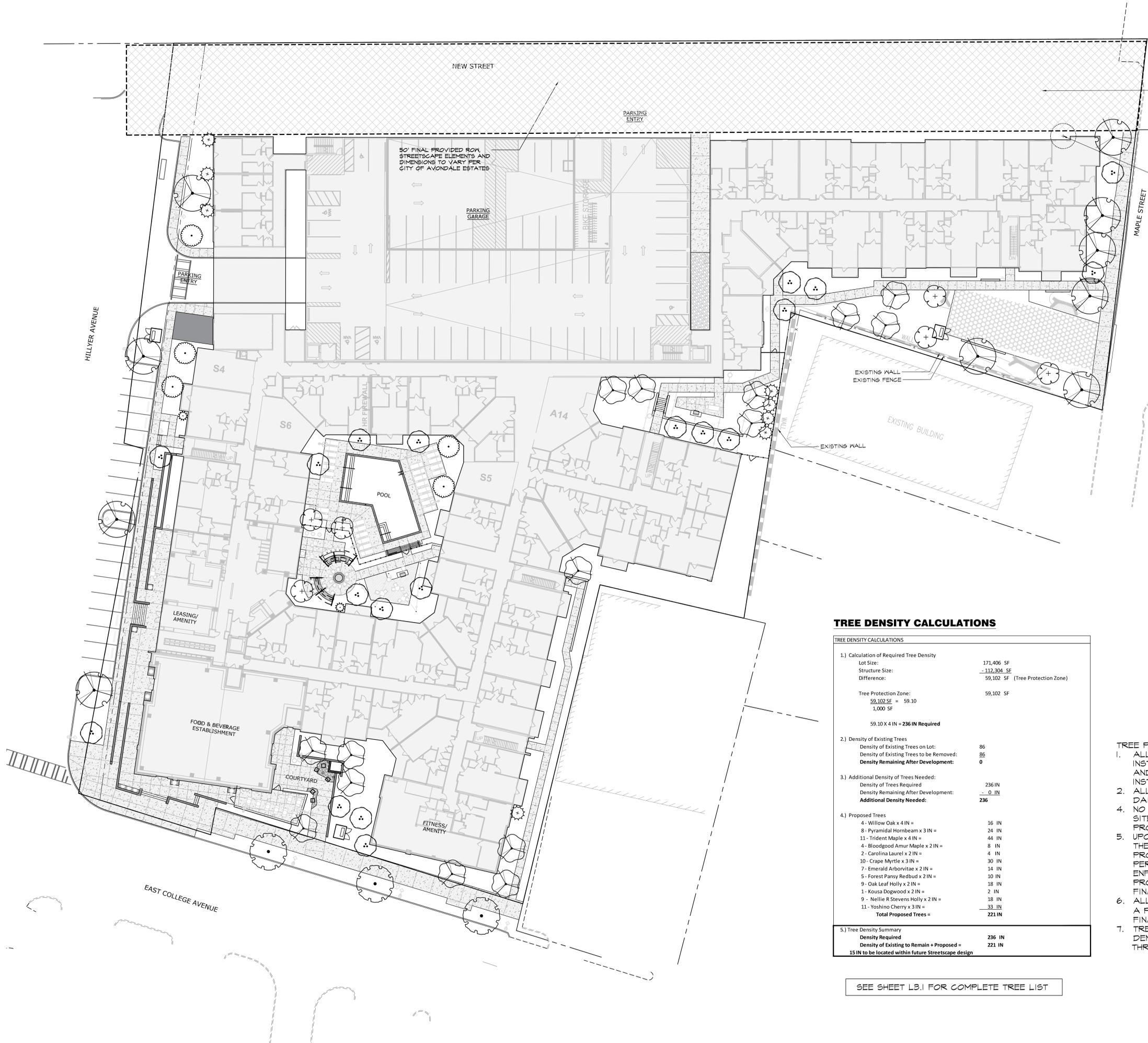
DRAWN: KK

CHECKED: TA

DATE: 08/13/2018

SHEET NUMBER:

L2.0



TREE DENSITY CALCULATIONS

| TREE DENSITY CALCULATIONS | |
|---|---------------------------------------|
| 1.) Calculation of Required Tree Density | |
| Lot Size: | 171,406 SF |
| Structure Size: | - 112,304 SF |
| Difference: | 59,102 SF (Tree Protection Zone) |
| Tree Protection Zone: | 59,102 SF |
| $\frac{59,102 \text{ SF}}{1,000 \text{ SF}}$ | = 59.10 |
| | 59.10 X 4 IN = 236 IN Required |
| 2.) Density of Existing Trees | |
| Density of Existing Trees on Lot: | 86 |
| Density of Existing Trees to be Removed: | 86 |
| Density Remaining After Development: | 0 |
| 3.) Additional Density of Trees Needed: | |
| Density of Trees Required | 236 IN |
| Density Remaining After Development: | - 0 IN |
| Additional Density Needed: | 236 |
| 4.) Proposed Trees | |
| 4 - Willow Oak x 4 IN = | 16 IN |
| 8 - Pyramidal Hornbeam x 3 IN = | 24 IN |
| 11 - Trident Maple x 4 IN = | 44 IN |
| 4 - Bloodgood Amur Maple x 2 IN = | 8 IN |
| 2 - Carolina Laurel x 2 IN = | 4 IN |
| 10 - Crape Myrtle x 3 IN = | 30 IN |
| 7 - Emerald Arborvitae x 2 IN = | 14 IN |
| 5 - Forest Pansy Redbud x 2 IN = | 10 IN |
| 9 - Oak Leaf Holly x 2 IN = | 18 IN |
| 1 - Kousa Dogwood x 2 IN = | 2 IN |
| 9 - Nellie R Stevens Holly x 2 IN = | 18 IN |
| 11 - Yoshino Cherry x 3 IN = | 33 IN |
| Total Proposed Trees = | 221 IN |
| 5.) Tree Density Summary | |
| Density Required | 236 IN |
| Density of Existing to Remain + Proposed = | 221 IN |
| 15 IN to be located within future Streetscape design | |

- TREE PROTECTION NOTES:**
1. ALL TREE PROTECTION DEVICES ARE TO BE INSTALLED PRIOR TO START OF LAND DISTURBANCE AND MAINTAINED UNTIL THE FINAL LANDSCAPING IS INSTALLED.
 2. ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND REPLACED OR REPAIRED AS NEEDED.
 4. NO PARKING, STORAGE OR OTHER CONSTRUCTION SITE ACTIVITIES ARE TO OCCUR WITHIN THE TREE PROTECTION AREAS.
 5. UPON COMPLETION OF THE DEVELOPMENT ACTIVITY, THE ENFORCEMENT OFFICER SHALL INSPECT THE PROPERTY TO DETERMINE COMPLIANCE WITH THE PERMIT AND TREE DENSITY REQUIREMENT. WHEN THE ENFORCEMENT OFFICER IS SATISFIED THAT THE PROJECT IS IN COMPLIANCE, HE SHALL GRANT HIS FINAL APPROVAL IN WRITING.
 6. ALL REQUIRED VEGETATION MUST REMAIN ALIVE FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF FINAL APPROVAL.
 7. TREES THAT DIE SHALL BE REPLACED AND THE TREE DENSITY REQUIREMENT SHALL BE MAINTAINED THROUGHOUT THE TWO YEAR PERIOD.

SEE SHEET L3.1 FOR COMPLETE TREE LIST

