

REQUIRED NOTES: CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT (770-319-5387) TO ARRANGE A PRECONSTRUCTION CONFERENCE PRIOR TO ANY LAND DISTURBANCE. NO PERMIT SHALL BE ISSUED UNTIL PLANS ARE APPROVED AND AN ON-SITE INSPECTION WITH THE CITY REPRESENTATIVE OCCURS.

ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING OR THE REMOVAL OF IMPERVIOUS SURFACES OR STRUCTURES.

BUFFERS SHALL BE REPLANTED SUBJECT TO COMMUNITY DEVELOPMENT DEPARTMENT APPROVAL

Tree Conservation Plans:

1. On Tree Protection plan and Site Grading plan: Contact the Community Development Department (770-319-5387) to arrange a pre-construction conference prior to any land disturbance. No permit shall be issued until plans are approved and an on-site inspection with City Representatives occurs. All tree conservation measures shall be installed prior to grading or the removal of impervious surfaces or structures. Buffers shall be replanted subject to Community Development Department approval. [Code Section 106-36(16)]
2. Before development, land clearing, filling or any land alteration, including removal of impervious surfaces or structures, the developer shall be required to erect suitable protective barriers including tree fences, tree conservation signs, and erosion barriers until completion of site landscaping. Authorization to remove the conservation devices shall be in writing by the Community Development Director or by the issuance of a final certificate of occupancy. Inspection of tree protection barriers is required prior to any land disturbance or development. The Community Development Director shall be contacted (770-319-5387) to schedule an inspection time. [Code Section 106-40(b)]
3. All tree protection devices must remain in functioning condition until the certificate of occupancy is issued. [Code Section 106-40(d)]
4. Materials for active tree protection shall consist of chain link, orange laminated plastic, wooden post and rail fencing or other equivalent material.
5. No person in the construction of any structure(s) or improvement(s) or any activity shall encroach or place solvents, material, construction machinery or temporary soil deposits within six feet of the area outside the critical root zone, as defined herein, of any specimen tree or any tree within a tree protection zone.
6. Inspection of tree protection barriers is required prior to any land disturbance or development. The Community Development Director shall be contacted to schedule an inspection time.
7. All tree protection devices must remain in functioning condition until the certificate of occupancy is issued.
8. Debris removed: All debris from trees cut or substantially damaged shall be removed from the site prior to the issuance of a certificate of occupancy. This includes the removal of any portion of the tree stump above the original natural grade or elevation of land. [Code Section 106-37(h)]
9. Where tree roots must be cut, make only sharp, clean cuts to promote root regeneration.
10. When clearing and grading is planned in close proximity to a tree protection zone, the limit of disturbance should be defined by a clean trench cut to a depth of 36 inches, to prevent the shredding and tearing of protected roots.
11. Tunnel instead of trench beneath tree roots within the CRZ for the installation or repair of cable, phone, electric, gas, water, or sewer lines, irrigation systems, or any utility.

OTHER NOTES:
A. STAGING OF
ON THE SITE

TREE DENSITY CALCULATIONS:
 SDF = $100 \times 0.24AC = 24$ TDUs
 EDF = $48 > 24$ "
 RDF = NONE REQUIRED
 SPECIMEN RECOMPENSE REQUIRED

*THERE ARE NO SPECIMEN TREES ON SITE.

STREET TREE CALCULATIONS:

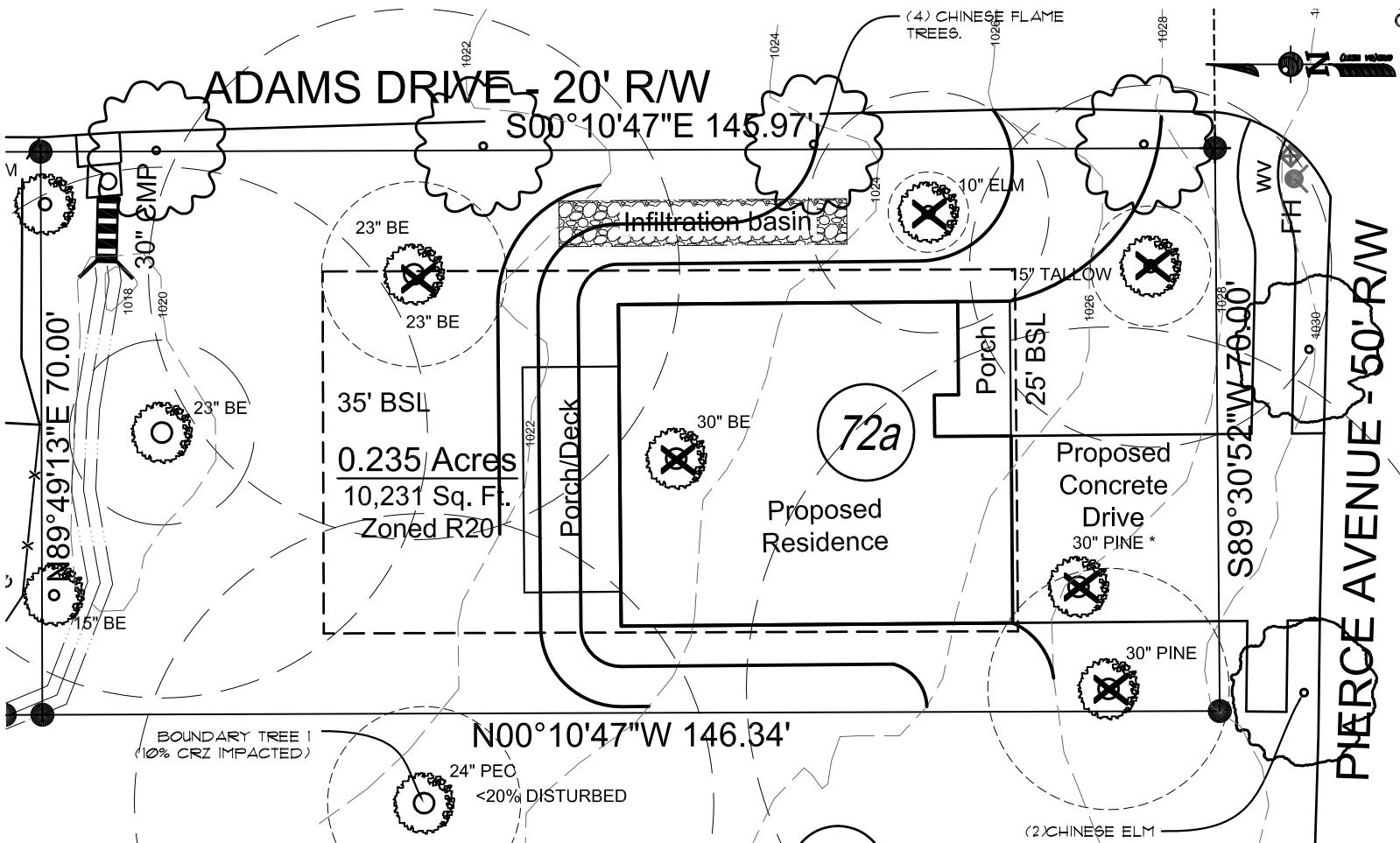
- THERE IS 70' OF STREET FRONTAGE PIERCE STREET, LESS 24' FOR DRIVEWAY RESULTS IN 46' LINEAR FEET OF APPLICABLE FRONTAGE ON PIERCE STREET
- THERE ARE NO POWER LINES PRESENT ON PIERCE STREET.
- WHEN OVERSTORY TREES ARE USED THE DEVELOPER SHALL PLANT ONE TREE EVERY 40 FEET
- $46'/40' = 1.15$ OR 1 TREES REQUIRED
- 2 STREET TREES HAVE BEEN PROPOSED. THEREFORE THE REQUIREMENT IS SATISFIED.
- THERE IS 150' OF STREET FRONTAGE ON ADAMS.
- $150'/40' = 3.75$ STREET TREES REQUIRED.
- 4 STREET TREES HAVE BEEN PROPOSED. THEREFORE THE REQUIREMENT IS SATISFIED.

| EXISTING TREES TO REMAIN | | |
|--------------------------|--|-----------|
| 10" TREE | | 10 |
| 15" TREE | | 15 |
| 23" TREE | | 23 |
| TOTAL TREES | | 48" MIN.* |

* OTHER TREE MAY BE SAVED
BUT HAVE NOT BEEN INCLUDED.

NOTES:

1. THERE ARE NO SPECIMEN TREES ON THIS LOT.
2. * THIS PINE HAS LIKELY BEEN STRUCK BY LIGHTENING IN THE PAST AND HAS A LARGE SCAR, SIGNS OF DISTRESS IN THE CANOPY, AND EXTENSIVE TRUNK DECAY. IT SHOULD BE REMOVED AS SOON AS POSSIBLE.
3. BE = BOXELDER MAPLE - TRASH TREE
4. THE PECAN BOUNDARY TREE IS ON A LOT OWNED BY THE APPLICANT.

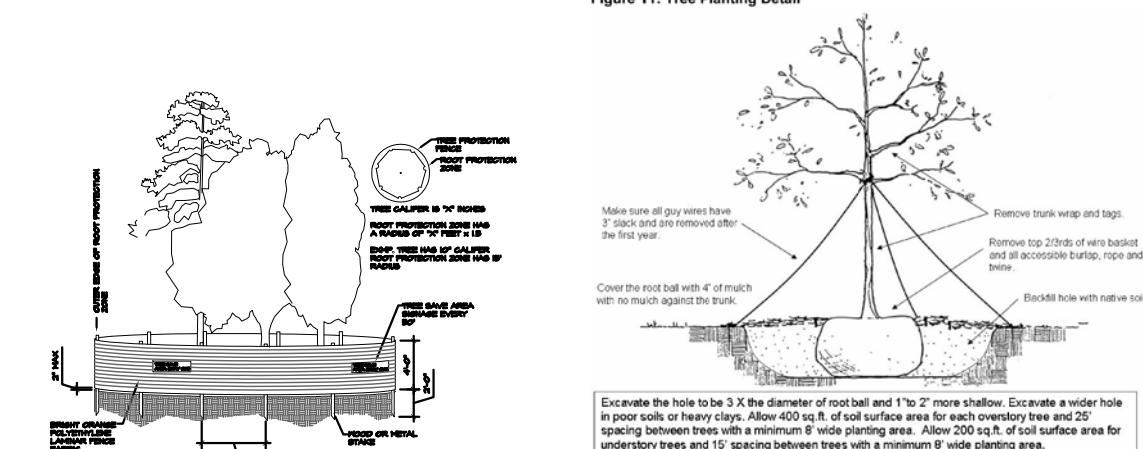


PERTINENT REQUIRED NOTE

1. Trees selected for planting must meet the minimum requirements as provided in Technical Standards.
2. Transplanting procedures shall follow standards established by the International Society of Arboriculture in the *©Trees and Shrub Transplanting Manual*.
3. Trees selected for replanting must be free from injury, pests, disease, nutritional disorders or root defects, and must be in good vigor, must have radially symmetrical branching with a dominant leader, and must have no less than four feet (4') between planted grade and lowest branch on the trunk or a two inch (2") caliper tree. [Code Section 106-37(c)]
4. All replanted overstory trees shall have a trunk of not less than three (3) caliper inches. Overstory trees shall have no less than 400 square feet of previous root zone; understory shall have no less than 200 square feet of previous root zone.

| | | | |
|-------------|--------------------|---------------------------|---------|
| PLANT LIST: | | | |
| QTY: | COMMON NAME: | BOTANIC NAME: | SIZE: |
| 2 | CHINESE ELM | ULMUS PARVIFOLIA 'BOSQUE' | 3" CAL. |
| 4 | CHINESE FLAME TREE | KOELREUTERIA BIPINNATA | 3 CAL. |

Figure 11: Tree Planting Det



A SMYRNA TREE PROTECTION DETAIL

- **B** CITY STANDARD DETAILS