

To: John Tunstall, PE
From: Jeff Walton, Associate Planner; 910-341-3260
CC: File;
Date: 11/25/2013
Re: Live Oak Bank Planning Comments

The following is a list of comments for review from planning regarding the project. Please provide your corrections as listed below. Additional review will be required once all the needed documents have been provided. Items or documents not provided on initial submission will be subject to further review. Please contact me for any further questions.

Site Plan Comments:

- Sec. 18-60 (c) (15): Show a proposed landscape plan.
- Sec. 18-60 (c) (16): Tree survey
 - I have attached a redlined plan showing questionable trees being removed.
 - Call me to discuss before you submit a revised set.
- Sec. 18-504: Show compliance with screening of dumpsters with living and non-living material.
 - Screening shall be a minimum of 6 feet in height along the front or corner side of any lot and 8 feet in height along any side or rear property line.
 - Add a dumpster fence and gate detail to plans.

Landscape Plan to Include:

- Need to complete the landscaping info in the data table for streetyard, parking lot and foundation calculations.
- The interior area of a parking facility shall be shaded by canopy trees either planted or retained to provide twenty (20) percent or greater canopy coverage at maturity. For purposes of this section, a parking facility shall include any areas of a development devoted to pedestrian or vehicular use, including but not limited to parking areas, loading spaces, automobile sales lots, driveways and internal drive aisles. The following standards shall apply to interior parking area landscaping:
 - (a) All single planting islands measuring twelve (12) feet by eighteen (18) feet or having the equivalent square footage shall have at least one (1) tree. All double planting islands measuring twelve (12) feet by thirty-six (36) feet or having the equivalent square footage shall have at least two (2) small mature shade trees or one canopy tree. All larger planting islands will have additional trees in increments of one (1) tree for each additional two hundred (200) square feet if installing small shade trees or one (1) tree for every four hundred (400) square feet if installing canopy trees. All planting islands shall have additional ground cover or shrubbery from the approved plantings list to cover the entire landscaped island, subject to the walkway allowance as indicated below. At least seventy-five (75) percent of the trees required hereunder shall be of a large shade/canopy species as defined in the approved plantings list that have or will have at maturity a DBH of at

least twelve (12) inches. Small maturing shade trees may be planted where overhead power lines would interfere with normal growth or for site design considerations, if trees are maintained in their natural form.

- For purposes of determining if the landscape plan meets the shading requirements of this section, each canopy tree of the type described in this section shall be presumed to shade a circular area of seven hundred and seven (707) square feet (based on having a canopy radius of fifteen (15) feet with the trunk of the tree as the center). When smaller shade trees are planted, each tree shall be presumed to shade a circular area of three hundred and fourteen (314) square feet (based on having a canopy radius of ten (10) feet). Perimeter trees shall be given credit for that portion of the circumference that intersects the parking area. Using this standard, twenty (20) percent of the parking facility area must have canopy coverage. For existing trees, credit shall be given for the actual canopy overhanging the parking facility. The trees counted toward meeting the shading requirement shall be indicated and calculations shall be shown on the site plan.
- The legend will need to be tweaked for your planting schedule. Can you separate into four categories: 1. Large Shade Tree 2. Small Shade tree 3. Shrubs 4. Groundcovers.
- Sec. 18-462 (d) (4): Show note on plan stating that prior to any clearing, grading, or construction activity, tree protection fencing will be installed around protected trees or groves of trees. And no construction workers, tools, materials or vehicles are permitted within the tree protection fencing.
- Sec. 18-462 (d) (6): Show details of required landscaping showing species, dimensions, and spacing of planted materials and the use and protection of existing vegetation.
- Sec. 18-462 (d) (7): Show all existing and proposed utilities and if applicable, their associated elements.
- Sec. 18-462 (d) (10): Show approximate locations of all trees greater than eight (8) inch DBH within the required buffers and of all natural vegetation to be used part of the buffer.
- Sec. 18-462 (d) (13): Show proposed schedule for landscaping.



Why remove?

Why remove?

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TREE PROTECTION,
TYP.
18" PINE

TREE TO BE
REMOVED,
TYP.

PROPOSED
BUILDING
FFE=52.00

DECK
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TWIN 8" OAKS

18" PINE

15" PINE

17" PINE

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