

plant details

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- Diagram illustrating the construction of a palm tree in a container, showing the following components and instructions:
- wrap 5 layers of sisal or other biodegradable material around under-plate
 - 3 - 2"x4" wood cleats
 - metal banded as support for braces do not nail to tree
 - 3 - 2"x4" wood braces 120 deg. apart
 - 2" mulch
 - saucer
 - finish grade
 - 2"x4" wood cleats buried 3" below grade for unstable soil conditions
 - remove burlap from top of root ball
 - prepared planting soil per specs.
 - soil:peat 7:1
 - soil soil pedestal

do not cut central leader

retain natural shape of plant
paint all cuts over 1/2" w/ tree paint

trees of same species to be
matched in growth character
unless otherwise noted

wrap 5 layers of burl or other
biodegradable material around
under crotch

3 - 2"x4" wood braces 120 deg. apart

2" mulch
keep away from tree trunk
root flare to be set at or above
surrounding grade

finish grade

2"x4" wood cleats buried 3" below
grade for unstable soil conditions

remove burlap from top of root ball

prepared planting soil,
compact fully

planting hole to be 2.5-3x

shrub planting detail

plant material shall only be pruned after installation for uniformity

2" mulch

prepared planting soil, compact fully

distance varies according to species allow for mature growth to plants do not overhang paving, lawn, etc.

distance between plants to allow for plants to reach mature size without interfering w/ growth of adjacent species

plant

mature growth

shrubs and groundcovers to be planted using triangular spacing except for single rows of plants

narrow borders, hedges, etc.

curb

distance varies according to species
allow for mature growth to plants
do not overhang paving, lawn, etc.

distance between plants to allow for
plants to reach mature size
without interfering w/ growth
of adjacent species

plant
mature growth

shrub and groundcovers
to be planted using triangular spacing
except for single rows of plants
(ie. narrow borders, hedges, etc.)

etc.

planting — lawn

notes

ts of Way are to be maintained at height not to exceed 24".

mpment, work, or demo activity shall be allowed within the action area.

he contractor for damage to the existing trees on site from or employees. Any encroachment within the tree protection zone, or any damage to the tree(s) or critical injury. Cause of damages would include, but not be limited to, fill or debris, disposal of paints or solvents, parking of machines in the encroachment. Violations will result in a fine of \$1,000.00 for the second and \$2,000.00 for the third, etc. If physical appraisal of the damages and related fees will be determined by the Urban Forestry, and be based on all, or a percentage of, the tree.

the Urban Forestry is required prior to any work is performed or installation of plant material.

alt and other non-atural materials are to be removed a landscape installation and shall be

itting by a registered Broward County Tree Trimmer.

tions of approval from permit #13-3407 / 2

notes

All hedges adjoining City Rights of Way are to be maintained at height not to exceed 24".

As per 155.5204.F. No development, work, or demo activity shall be allowed within the driveway of a tree or tree protection area.

Penalties will be incurred by the contractor for damage to the existing trees on site from the contractor, subcontractors or employees. Any encroachment within the tree protection zone, failure to maintain the tree protection zone, or any damage to the tree(s) or critical root zones will result in mitigation. Cause of damages would include, but not be limited to, storage of materials, placing fill or debris, disposal of paints or solvents, parking of machines or vehicles, trees or tree protection zone encroachment. Violations will result in a fine of \$1,000.00 for the first offense, \$1,500.00 for the second and \$2,000.00 for the third, etc. If physical damage is done to the tree, an appraisal of the damages and related fees will be determined by an ASCA Registered Consulting Arborist, and be based on ail, or a percentage of, the established value assessed to the tree.

A pre-construction meeting with Urban Forestry is required prior to any work is performed on site for tree protection and/or installation of plant material.

All road rock, concrete, asphalt and other non-natural materials are to be removed from all planting areas prior to landscape installation and shall be

All tree work will require permitting by a registered Broward County Tree Trimmer.

(Landscaping must meet conditions of approval from permit #13-3407) 2

| | Required | Originally Specified | Currently Existing | w/ Proposed Planting Changes |
|---|-------------------------------------|--|---|--|
| Street Trees (N.E. 51st Street & N.E. 13th Way) 587 LF @ 1 tree/40 LF | 15 | 16 - 8 Live Oak 8 Silver Buttonwood | 11 - 7 Live Oak 4 Silver Buttonwood | 16 - 8 Live Oak 8 Silver Buttonwood |
| Perimeter Trees along R.O.W. (N.E. 51st Street & N.E. 13th Way) 883 LF @ 1 tree/30 LF | 30 | 11 - 11 Silver Buttonwood 19 Crepe Myrtle | 19 - 3 Bald Cypress 16 Crepe Myrtle | 30 - 8 Bald Cypress 18 Crepe Myrtle 3 Dahoon Holly 1 Tamarind |
| Perimeter Abutting Non-Outdoor Storage - North Perimeter 303 LF @ 1 tree/25 LF | 8 | 8 - 6 Live Oak 2 Existing Trees | 8 - 6 Live Oak 2 Existing Trees | 8 - 6 Live Oak 2 Existing Trees |
| Perimeter Abutting Non-Outdoor Storage - Southeast Corner Perimeter 165 LF @ 1 tree/25 LF | 7 | n/a | n/a | 7 - 7 Tamarind |
| Perimeters Adjacent to Residential Property for I-1 Zoned Property 604 LF @ 2" trees/30 LF ("1 tree outside & 1 1/2" ht. tree inside but with overhead wires, underwire trees) | 40 | 40 - 40 Simpsons Stopper | 29 - 17 Simpsons Stopper 12 Bald Cypress | 40 - 20 Simpsons Stopper 18 Bald Cypress 2 Dahoon Holly |
| I-1 Zoning Developed Lot Area | 57,791 SF (less bldgs. & paving) | 57,791 SF (less bldgs. & paving) | 57,791 SF (less bldgs. & paving) | 55,956 SF (less bldgs. & paving) |
| 1 tree/3,000 SF | 20 | 119 | 99 | 19 req |
| 5 shrubs/3,000 SF | 100 | 467 | 467+ | 130 prop. 93 req 467+ prop. |
| VUA Previous Area Calculations Orig. Req. Total Previous VUA Area (34,644 SF x 15%) = 5,197 SF New Req. Total Previous VUA Area (75,411 SF x 15%) = 11,312 SF | | | 5,848 SF | 11,386 SF |

| Key | Qty. | Common Name | Scientific Name | Native | Ht.' | Spr.' | DBH" | CT | Note |
|-----|------|--------------------|-------------------------------|--------|------|-------|------|----|------|
| ic | 10 | East Palatka Holly | Ilex attenuata 'East Palatka' | Y | 16 | 6-7 | 4 | 5 | |
| tl | 4 | Tamarind | Lysioloma latiliquia | Y | 14 | 5-6 | 2 | 5 | |
| td | 1 | Bald Cypress | Taxodium distichum | Y | 10 | 4 | 1.5 | 4 | |

| Key | Qty. | Common Name | Scientific Name | Native | Ht.' | Spr.' | OC" |
|-----|------|--------------------|---------------------|--------|------|-------|-----|
| chr | 82 | Cocoplum | Chrysobalanus icaco | Y | 24 | 24 | 24 |
| ixo | 96 | Ixora 'Nora Grant' | Nora Grant Ixora | N | 24 | 24 | 24 |

Areas labeled sod to receive sod to match existing on site and as required to replace areas damaged during construction.

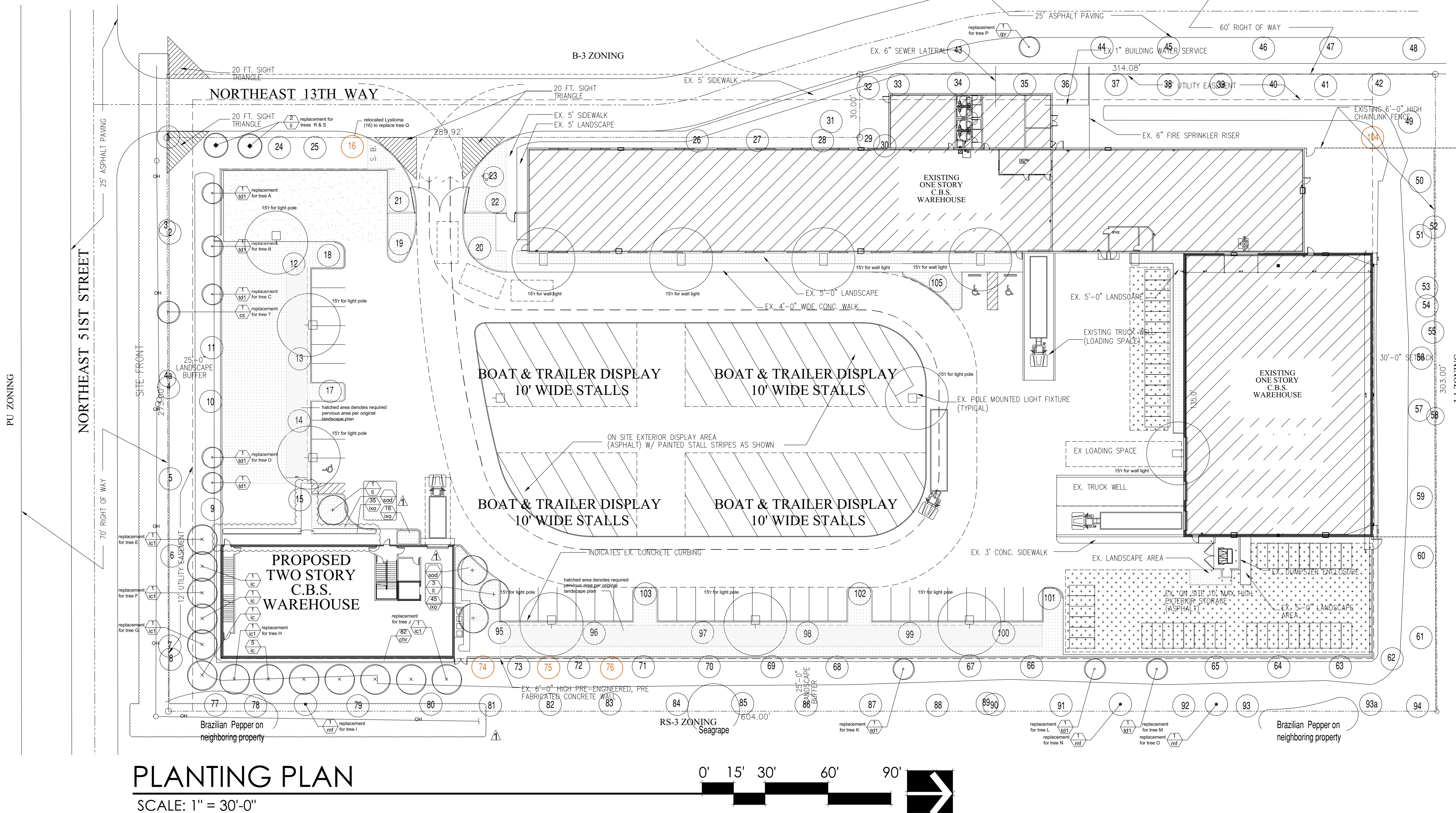
As per 155.5203.B.2.ii - which requires 50% of all canopy trees to be 16' tall and palms 22' O.A., 23 of 34 proposed canopy trees, or 68%, are 16' or greater.

- # existing tree to remain
- # proposed location for tree to be relocated

| plant list replacement material | | | | | | | | | | |
|---------------------------------|------|-------------------|------------------------------|--------|--|-----|-------|-----|-----|-------|
| Trees: | | | Original Specifications | | New Specifications | | | | | |
| Key | Qty. | Common Name | Scientific Name | Native | Original Specifications | Ht. | Spr. | DBH | Cr. | Note |
| cs | 1 | Silver Buttonwood | Conocarpus er. sericeus | Y | 10' ht, 4' spr., multi, min 4" c.t. | 14 | 5-6 | 2 | 4 | multi |
| ic1 | 5 | Dahoon Holly | Ilex cassine | Y | 10' ht, 4' spr., multi, min 4" c.t., 1.5" cal. | 16 | 6-7 | 2 | 5 | |
| li | 2 | Pink Crepe Myrtle | Lagerstroomia in. 'Muskogee' | N | 10' ht, 4' spr., multi, min 4" c.t. | 14 | 6-7 | 2 | 4 | multi |
| mf | 3 | Simpsons Stopper | Myrcianthes fragrans | Y | 10' ht, 4' spr., multi, min 4" c.t., 1.5" cal. | 12 | 5-6 | 2 | 4 | |
| qv | 1 | Live Oak | Quercus virginiana | Y | 12' ht, 5-6" spr., min 5" c.t., 2" cal. | 18 | 12-14 | 4 | 6 | |
| td1 | 7 | Bald Cypress | Taxodium distichum | Y | 12' ht, 5-6" spr., min 5" c.t., 2" cal. | 16 | 4-5 | 3 | 4 | |

Note: Original Specifications shown for informational purposes. Landscape Contractor to bid Proposed Specifications ONLY.

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PLANTING PLAN

SCALE: 1" = 30'-0"

PZ21-12000024
12/07/21