

plant details

plant list - new material

plant list - replacement material

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- Diagram illustrating the construction of a tree planting pit, showing the following components and materials:
- wrap 5 layers of (sisal) or other (biodegradable material) around under (crotch)
 - 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. compact fully
 - solid soil pedestal? A

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 sisal 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 slats buried 3" below
grade for unstable soil conditions

remove burlap from top of root ball

prepare planting soil,
compact fully

planting hole to be 2.5-3x
size of rootball

small tree planting detail

plant material shall only be pruned after installation for uniformity

2" mulch

prepared planting soil, compact fully

shrub planting detail

curb

distance varies according to species allow for mature growth so plants do not overhang planting, 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 (i.e. narrow borders, hedges, etc.)

etc.

align

align

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

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

plant mature growth

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

distance

width

notes

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

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

he contractor for damage to the existing trees on site from employees. Any encroachment within the tree protection exclusion zone, or any damage to the tree(s) or critical. Cause of damages would include, but not be limited to, fill or debris, disposal of paints or solvents, parking of machines or 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 following Arbor Forestry, and be based on all, or a percentage of, the tree.

ut Urban Forestry is required prior to any work is performed d/or installation of plant material.

all and other non-natural materials are to be removed a landscape installation and shall be

itting by a registered Broward County Tree Trimmer.

ptions of approval from permit #13-3407. 2

notes

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

As per 155.520.4.F. No development, work, or demo activity shall be allowed within the drip-line of a tree or free 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 under trees or free protection zone encroachment. Violations will result in a fine of \$1,000.00 for the first offense, \$2,000.00 for the second, and \$400.00 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 all, or a percentage of, the established value assigned to the tree.

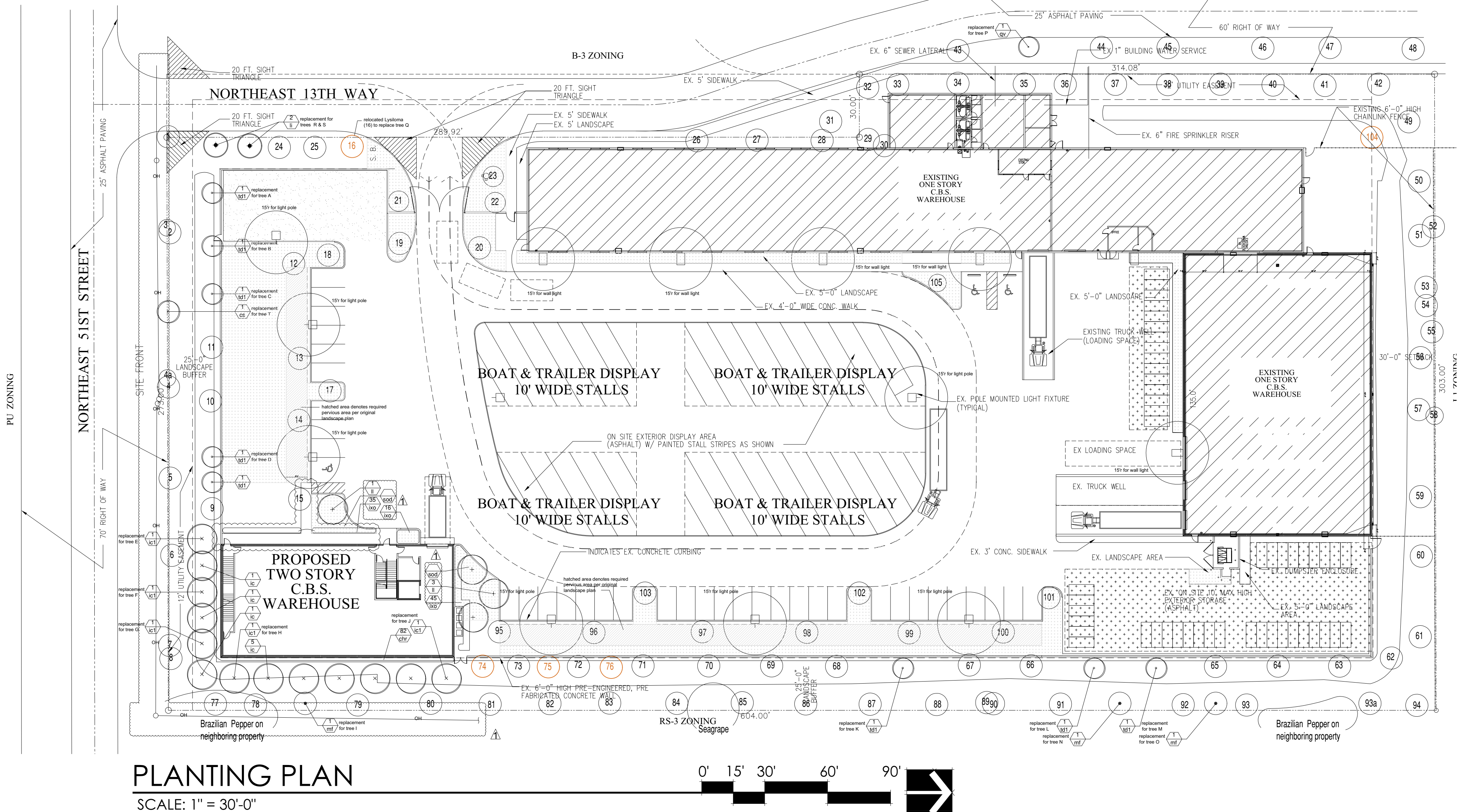
A pre-construction meeting with Urban Forestry is required prior to any work is performed on site for tree protection and/or installation of plant material.

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.

Landscape must meet conditions of approval from permit #13-3407/2

	Required	Originally Specified	Currently Existing	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	30 - 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 16' 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 1 tree/3,000 SF 5 shrubs/3,000 SF	20 100	57,791 SF (less bldgs. & paving) 20 119 100 467	57,791 SF (less bldgs. & paving) 99 467+	55,956 SF (less bldgs. & paving) 19 req 130 prop. 93 req 467+ prop.
VUA Previous Area Calculations Orig. Req. Total Previous VUA Areas (34,644 SF x 15%) = 5,197 SF New Req. Total Previous VUA Areas (75,411 SF x 15%) = 11,312 SF			5,848 SF	11,386 SF



SCALE: 1" = 30'-0"

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	2	5	
ll	4	Tamarind	Lysioloma talsitiqua	Y	14	5-6	2	5	
td	1	Bald Cypress	Taxodium distichum	Y	10	4	1.5	4	

Shrubs & Groundcovers:

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

Note:

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