

plant details

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- Diagram illustrating the construction of a palm tree planter, showing the tree, support structure, and planting details. Callouts include:
- 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

The diagram illustrates the planting detail for shrubs. The top part is a cross-section showing a shrub with a dense canopy and a trunk that is pruned after installation for uniformity. The shrub is planted in a 2' mulch bed. The planting hole is filled with prepared planting soil, compacted fully. The bottom part is a plan view showing the layout of shrubs and groundcovers. A curb is indicated at the top. The distance between plants is shown to be equal to the mature plant size without interfering with the growth of adjacent species. The mature growth of the plants is shown as a larger circle around the planting hole. The planting is done in rows, except for single rows of plants (e.g., narrow borders, hedges, etc.).

plant material shall only be pruned after installation for uniformity

2' mulch

prepared planting soil, compact fully

shrub planting detail

distance varies according to species
allow for mature growth to plants
not overhanging 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
(e.g., narrow borders, hedges, etc.)

curb

planting—lawn

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

All hedges abutting 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 drip-line of a tree or free 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 all, 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.

Landscape 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 - 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	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

Trees:									
Key	Qty.	Common Name	Scientific Name	Native	Ht.	Spr.	DBH	CT	Note
ic	10	East Palatka Holy	Ilex attenuata 'East Palatka'	Y	16	6-7	12	5	
ll	4	Tamarind	Lysiloma latisliqua	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.

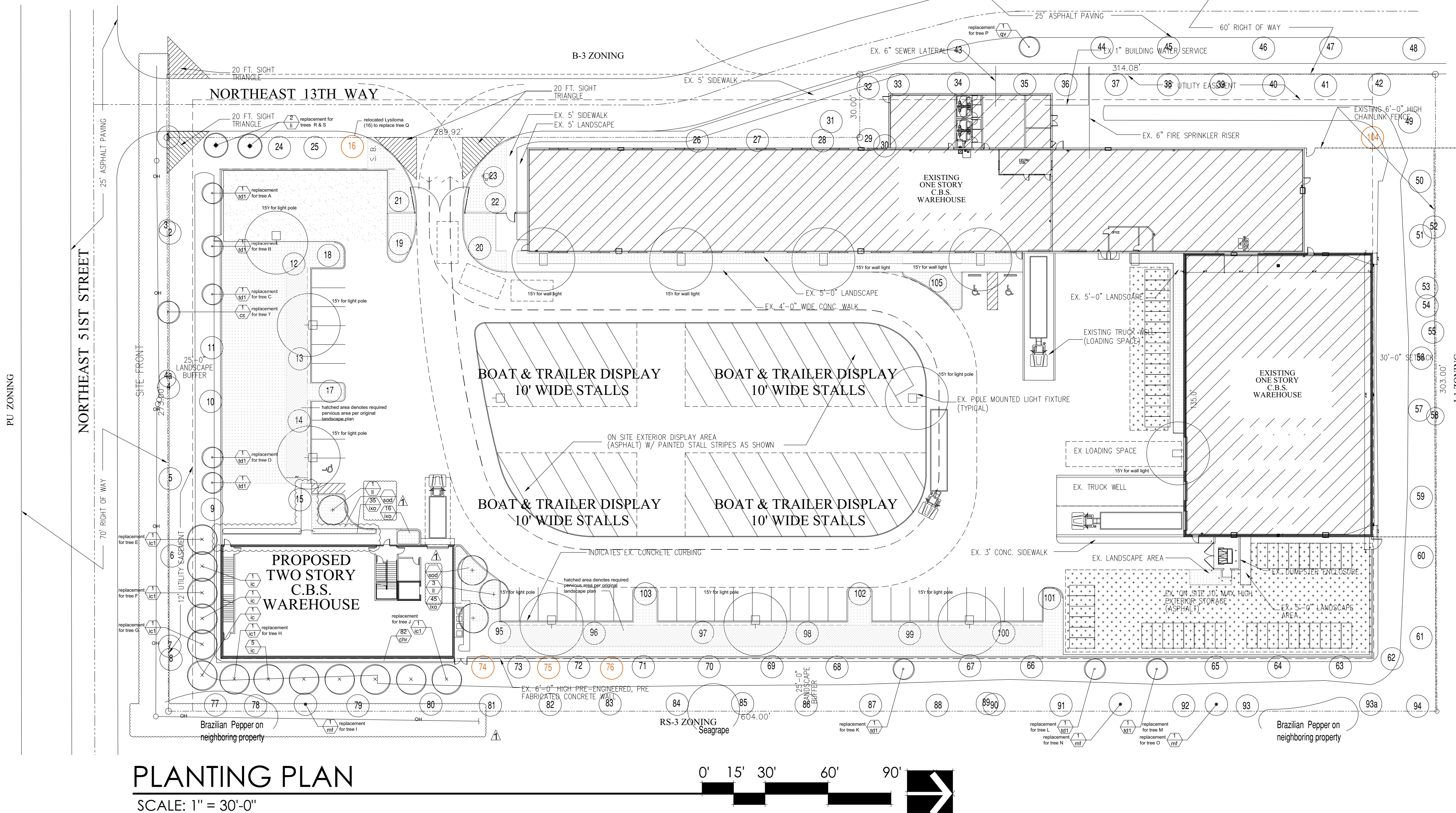
As per 155.5203.B.2.ii - which requires 50% of all canopy trees to be 16' tall and palms 22' O.A., 23 of 34 proposed canopy trees, or 68%, are 16' or greater.

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

Trees:					Original Specifications		New Specifications			
Key:	Cty.	Common Name	Scientific Name	Native	Original Specifications	Ht.	Spr.	DBH	CT	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			16	6-7	2	5	
li	2	Pink Crepe Myrtle	Lagerstreaomia in. 'Muskogee'	N	10' ht, 4' spr., multi, min 4" c.t.	14	6-7	2	4	multi
mf	3	Simpsons Stopper	Myricanthies fragrans		10' ht, 4' spr., 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"

A PROPOSED TWO STORY WAREHOUSE FOR:

5100 N.E. 13TH. WAY POMPANO BEACH, FLORIDA 33064

consutant seal
William A
Eager

ARCHITECTURAL ALLIANCE
612 S.W. 4TH AVENUE FORT LAUDERDALE, FLORIDA 33315
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release date
05-07-21

drawing numbe

L-2