

revisions:
08-1-2015

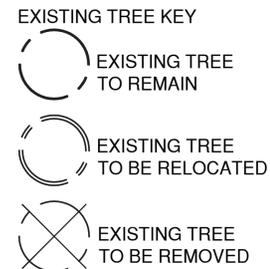
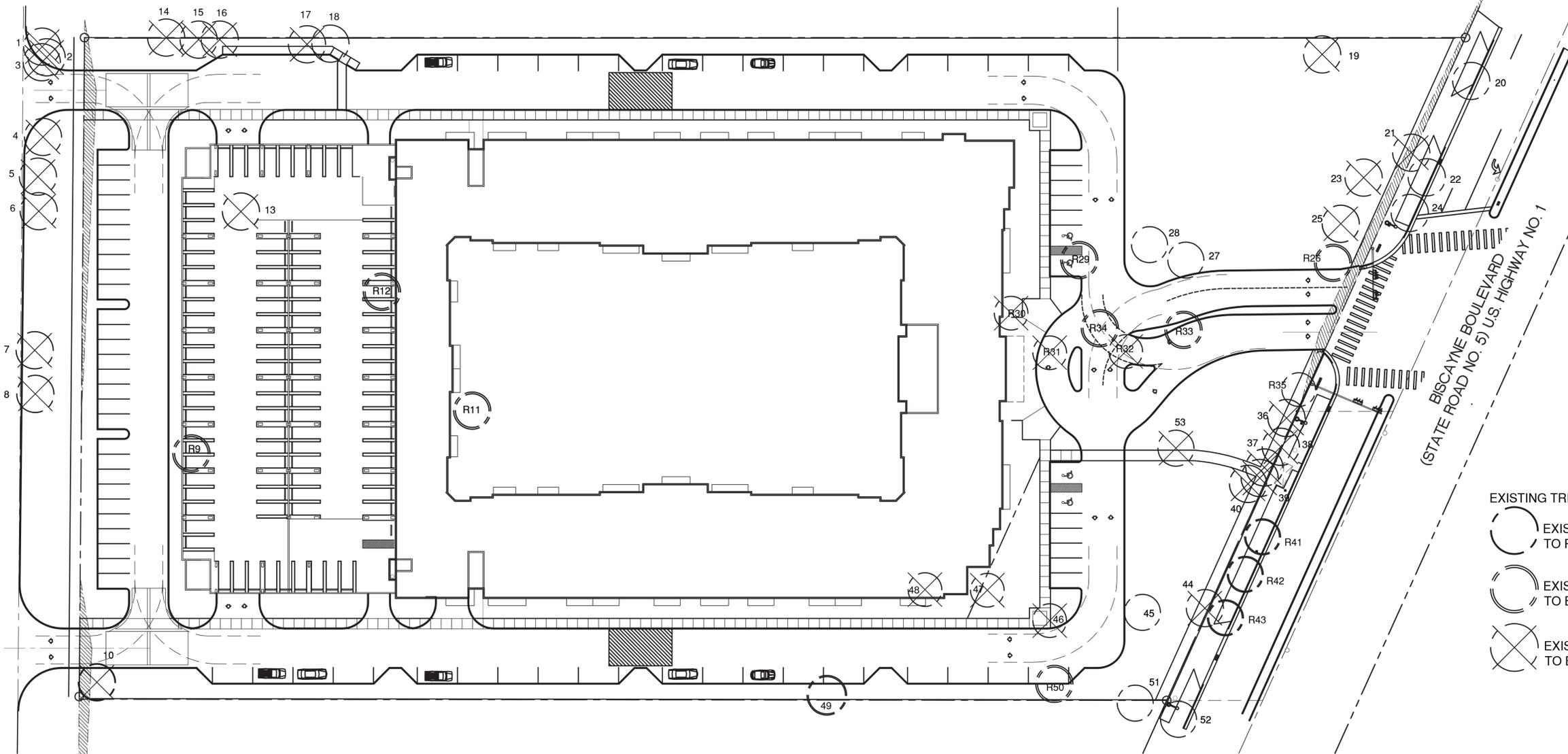
project name:
ESPLANADE
PROPOSED MULTIFAMILY PROJECT
BISCAYNE BOULEVARD AND N.E. 112 TH ST
NORTH MIAMI, FLORIDA 33161

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AR 0005643
AA 26001715

job no.
date:
08-12-2015
scale:
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drawn by:
F.A.T. TEAM

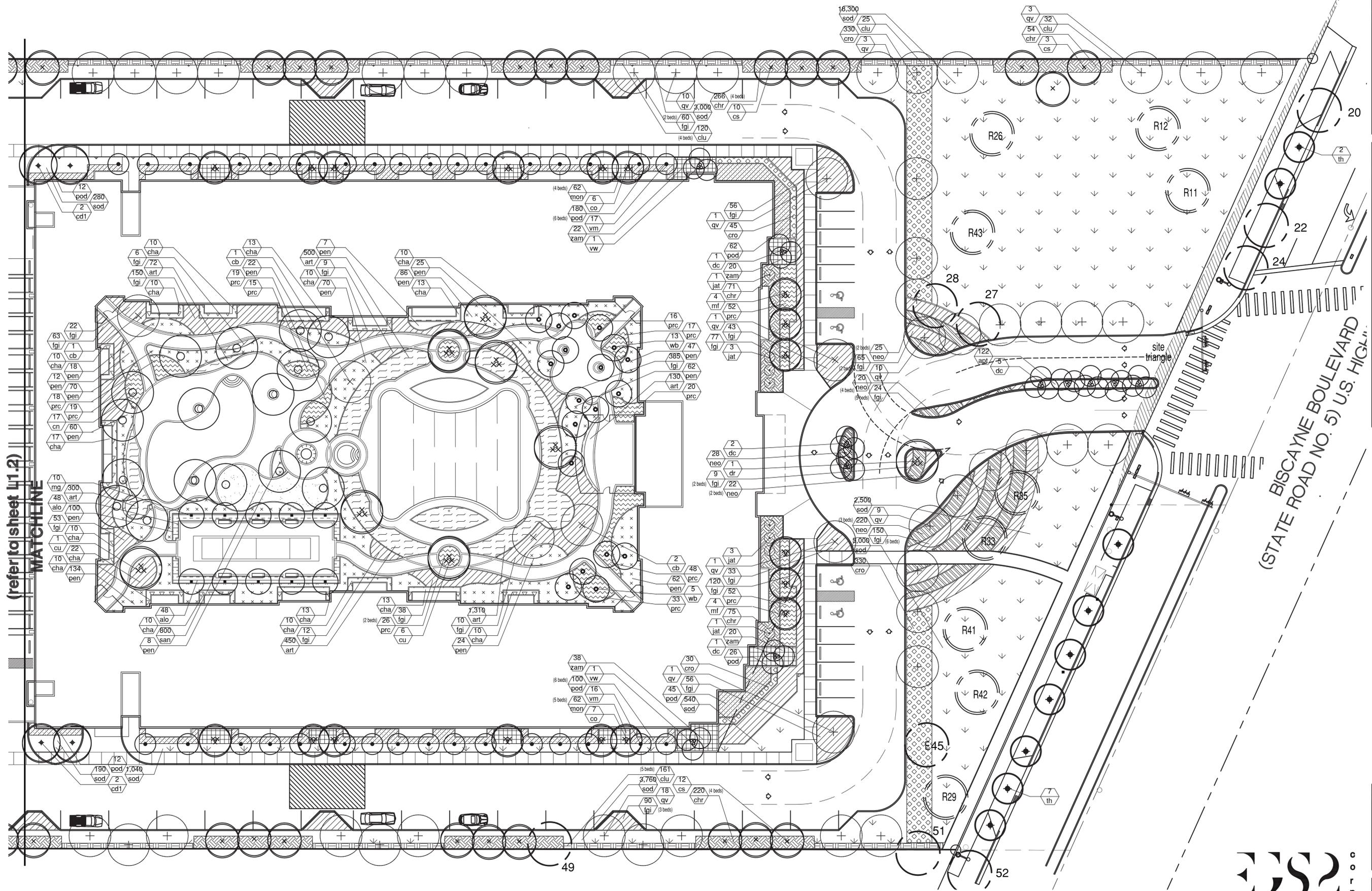
sheet no.
L1.0



EXISTING TREE LIST

Key	Tree	DBH	Ht.	Spr.	Disp.	Note	Spread to be replaced (SF)	Key	Tree	DBH	Ht.	Spr.	Disp.	Note	Spread to be replaced (SF)	Key	Tree	DBH	Ht.	Spr.	Disp.	Note	Spread to be replaced (SF)	Key	Tree	DBH	Ht.	Spr.	Disp.	Note	Spread to be replaced (SF)		
1	Casuarina spp	7"	30'	25'	remove	NR		20	Tabebuia heterophylla	4"	13'	10'	remain			35	Quercus virginiana	15"	27'	30'	relocate			50	Bucida spinosa	15"	24'	35'	relocate				
2	Australian Pine	7"	30'	20'	remove	NR		21	Pink Tabebuia							36	Oak Tree							51	Spiny Black Olive								
3	Casuarina spp	5"	28'	20'	remove	NR		22	Podocarpus macrophyllus	12"	19'	9'	remove	*1		37	Podocarpus macrophyllus	24"	14'	9'	remove	*1		52	Bucida spinosa	18"	23'	25'	remain				
4	Australian Pine	12"	42'	40'	remove	NR		23	Podocarpus	4"	13'	7'	remain			38	Podocarpus macrophyllus	5"	14'	7'	remove	*1		53	Spiny Black Olive	5"	26'	10'	remain				
5	Casuarina spp	9"	42'	30'	remove	NR		24	Tabebuia heterophylla	4"	13'	7'	remain			39	Podocarpus	24"	7"	5'	remove	*1			54	Tabebuia heterophylla	5"	26'	10'	remain			
6	Australian Pine	12"	40'	50'	remove	NR		25	Pink Tabebuia	3"	10'	6'	remain			40	Podocarpus	12"	18'	14'	remove	*2			55	Pink Tabebuia							
7	Casuarina spp	48"	45'	55'	remove	NR		26	Magnolia virginiana	18"	22'	23'	remove	415.27'		41	Unknown (dead)	36"	14'	23'	remove	NR				56	Quercus virginiana	6"	20'	10'	remove	*2 (321.23')	
8	Australian Pine	12"	40'	35'	remove	NR		27	Swamp Magnolia	18"	22'	23'	remove	415.27'		42	Brazilian Pepper	4"	14'	4'	relocate												
9	Casuarina spp	12"	40'	35'	remove	NR		28	Quercus virginiana	12"	22'	23'	relocate			43	Quercus virginiana	4"	14'	4'	relocate												
10	Australian Pine	12"	40'	35'	remove	NR		29	Live Oak	8"	24'	22'	remain			44	Live Oak	4"	13'	5'	relocate												
11	Quercus virginiana	9"	30'	20'	relocate			30	Quercus virginiana	8"	24'	22'	remain			45	Live Oak	4"	13'	5'	relocate												
12	Live Oak	9"	30'	20'	relocate			31	Black Olive	24"	37'	35'	remain			46	Live Oak	4"	13'	5'	relocate												
13	Ficus altissima	192"	45'	80'	remove	NR		32	Bucida buceras	24"	37'	35'	remain			47	Black Olive	12"	16'	10'	remain												
14	Lofty Fig	12"	32'	20'	relocate			33	Black Olive	15"	30'	26'	relocate			48	Bucida buceras	4"	10'	8'	remove	*1											
15	Bucida buceras	12"	32'	20'	relocate			34	Black Olive	24"	36'	42'	remove	1,384.74'		49	Podocarpus macrophyllus	4"	10'	8'	remove	*1											
16	Black Olive	14"	35'	23'	relocate																												
17	Bucida buceras	14"	35'	23'	relocate																												
18	Black Olive	14"	35'	23'	relocate																												
19	Callistemon spp.	40"	20'	40'	remove	1,256																											
20	Bottle Brush Tree (cluster)	7"	24'	23'	remain																												
21	Lysiloma bahamensis	7"	24'	23'	remain																												
22	Wild Tamarind	3"	13'	9'	remain																												
23	Lysiloma bahamensis	3"	13'	9'	remain																												
24	Wild Tamarind	4"	21'	18'	remain																												
25	Lysiloma bahamensis	4"	21'	18'	remain																												
26	Wild Tamarind	8"	25'	22'	remain																												
27	Unknown	8"	25'	22'	remain																												
28	Sabal palmetto	18"	12'	13'	remain																												
29	Cabbage Palm	18"	12'	13'	remain																												
30	Casuarina spp	5"	26'	22'	remove	NR																											
31	Australian Pine	5"	26'	22'	remove	NR																											

Existing Tree and Disposition List SCALE - 1/32"



(refer to sheet L1.2)
 MATCHLINE

Partial Planting Plan SCALE - 20'

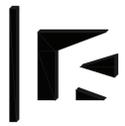


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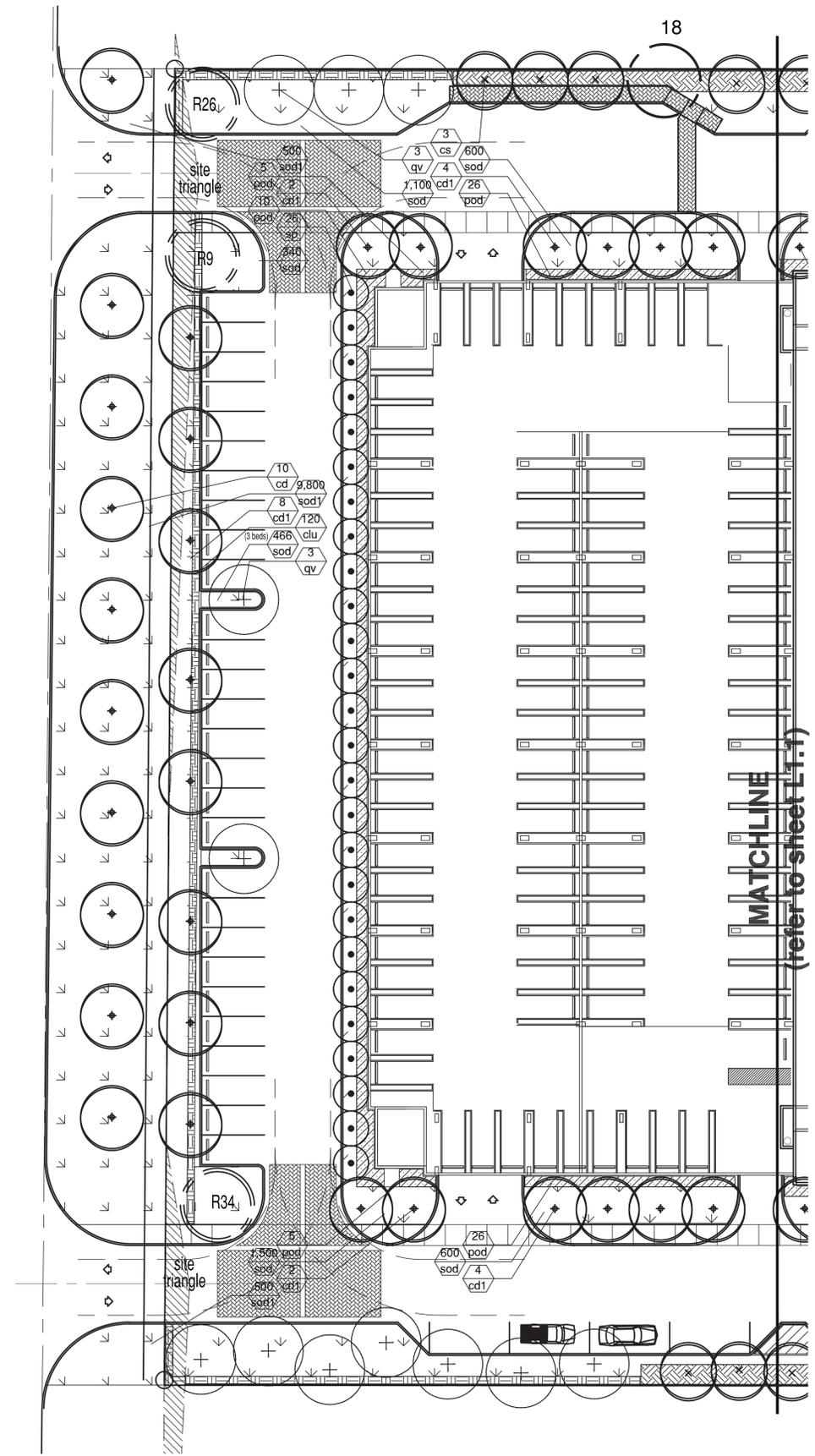


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L1.1

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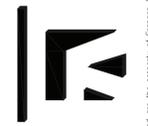


Partial Planting Plan SCALE - 20'

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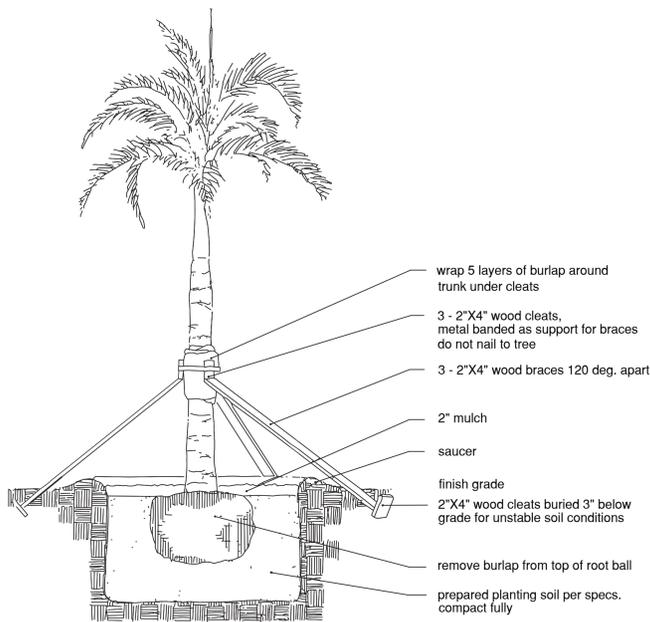
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L1.2

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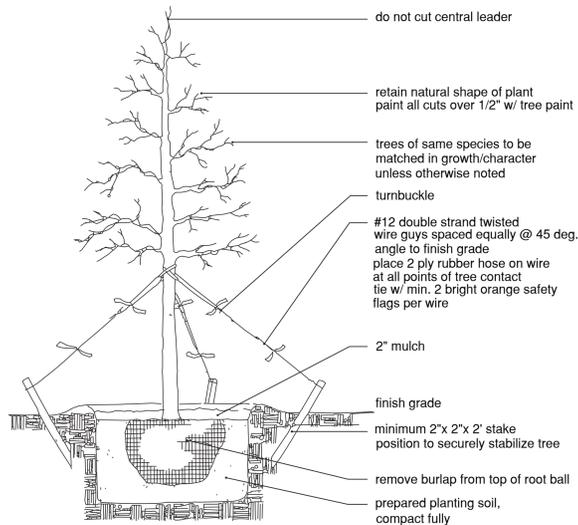
plant specifications

- Landscape Contractor shall be familiar w/ all work required by these drawings. This shall include all grading plans and/or detail sheets indicating depths of all planters on the raised decks. Note sheets are part of the Architectural drawings for this project. If these sheets are not included contact the General Contractor.
- All plant material furnished by the Landscape Contractor unless otherwise specified in Grades and Standards for Nursery Plants, second edition; February 1998, by the Florida Department of Agriculture and Consumer Services Division of the Plant Industry, shall be Florida Grade #1 or better.
- All shrubs and groundcovers shall be guaranteed for 1 year from date of final acceptance. All trees and palms shall be guaranteed for 1 year from date of final acceptance. Sod shall be guaranteed for 90 days from final acceptance.
- Planting soil shall be weed free and consist of 60% clean silica sand, 30% everglades muck and 10% Canadian peat. All plants, including those on the ground level, shall be installed with planting soil as indicated on details.
- Landscape Contractor shall be responsible for placement of planting soil in planters on raised decks. Soil level as indicated on plans and details shall be after settlement.
- Landscape Contractor shall take all steps required to make all planting beds weed and grass free prior to planting.
- Landscape Contractor shall locate and verify all underground utilities prior to digging.
- All trees shall be staked and/or guyed in a good workmanlike manner as per attached details. No nail staking permitted.
- Any wire guys and/or fabric straps shall be flagged w/ fluorescent colored tape as shown in details.
- All trees shall be fertilized at installation w/ "Agriform Pills", 21 gram size, w/ a 20-10-5 formulation, (or approved equal) according to manufacturers recommendations.
- All other plants shall be fertilized at installation w/ "Osmacole" time release pellets (or approved equal) according to manufacturers recommendations.
- All trees in sod areas to have a 30" ring covered w/ a 2" layer of shredded mulch. Cover all shrub beds w/ a 2" layer of shredded mulch (other than cypress).
- Sod shall be St. Augustine 'Flor-Tam' (unless otherwise noted) laid w/ alternating abutting joints. Sod shall be laid to edge of curb or right of way. Sod in all areas not covered w/ plant material, paving, gravel or mulch. Sod to be laid level and w/ tight joints. Edges to be clean and smoothly cut to follow outline shown. Landscape Contractor responsible for take-off and 100% coverage of areas.
- Where quantities and/or species differ between the planting plans and plant lists, the plans shall take precedence.
- Landscape Contractor is responsible for doing a take-off of the attached plans. Plant list provided is for guidance only. Landscape Contractor, in submitting a proposal based on these plans, is responsible for all materials as noted on plans.
- Discrepancies shall be brought to the attention of the Landscape Architect.
- No changes shall be made without the prior consent of the Landscape Architect.
- All planting beds shall be treated w/ a pre-emergent herbicide as approved by the Landscape Architect.
- Landscape Contractor is responsible for coordinating with the General Contractor or Owner any and all conditions which may affect the scope of work.
- Landscape contractor shall include in bid all materials and labor as required to complete the job as indicated on the plans and as directed by the General Contractor. Bid shall include, but not be limited to, plant materials, planting soil and placement, filter fabric, drainage mat, protection board, mulch, crane and other equip., etc..
- All plant material shall meet or exceed specifications listed.
- All planted beds shall receive 100% coverage by a fully automatic irrigation system as per plans.
- Landscape Contractor shall be responsible for providing temporary watering provisions until such time as the irrigation system is operational.
- All areas labeled mulch/gravel to receive a 2" layer of material over a weed barrier material.
- Plant beds on the roof level are for the use of residents to grow vegetables and cut flowers. Beds are to be hand watered as required based on the requirements of the individual plant species.
- Landscape Contractor to include in bid planting soil for 10th floor planters. Refer to Architectural plans for all details.
- Proposed plantings on this site include trees required to mitigate for the removal of trees which existed on-site prior to re-development. Landscape Contractor is responsible for meeting the specifications listed for proposed trees. Specifications listed conform to specific permit requirements approved as part of the tree removal permit issued by the applicable governing agency.

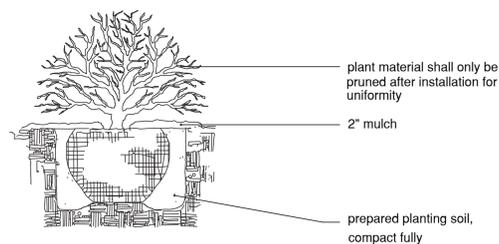
plant details



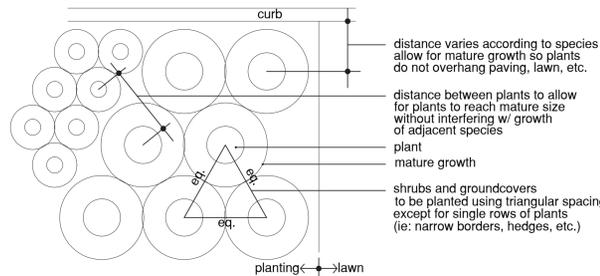
palm/large tree planting detail



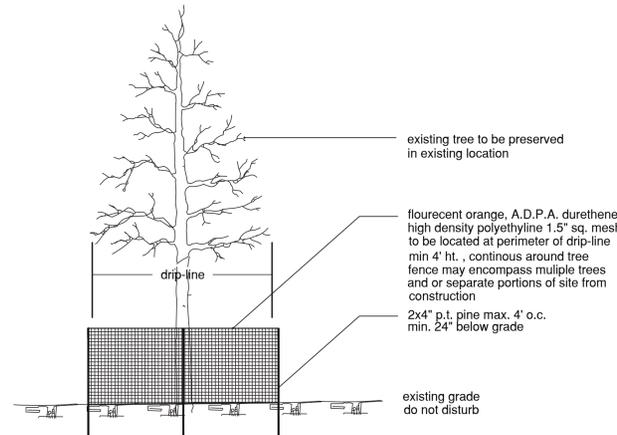
small tree planting detail



shrub planting detail



shrub planting detail plan



tree protection detail

landscape legend

Zoning District	<u>RU-4A/BU-1A</u>	Net Lot Area	<u>6,115</u> acres	<u>266,354</u> s.f.
OPEN SPACE		REQUIRED		PROVIDED
A. Square Feet of open space required by Chapter 22, as indicated on site plan:		<u>106,542</u>		<u>132,272</u>
RU-4A/BU-1A Net Lot Area = <u>206,837</u> s.f. x <u>40</u> % = <u>82,735</u> s.f.				
B. Square Feet of parking lot open space required by Chapter 18A, as indicated on site plan:		<u>760</u>		<u>760</u>
No. parking spaces <u>76</u> x 10 s.f. per parking space =				
C. Total s.f. of landscaped open space required by Chapter 33: A+B =		<u>107,302</u>		<u>133,032</u>
LAWN AREA CALCULATION				
A. <u>107,302</u> total s.f. of landscaped open space required by chapter 33		<u>107,302</u>		<u>133,032</u>
B. Maximum lawn area (sod) permitted = 50% x 107,311 s.f. =		<u>53,651</u>		<u>41,949</u>
RU-4A/BU-1A <u>50</u> % x <u>107,311</u> s.f. =				<u>10,800 (r.o.w.)</u>

TREES

- A. No. trees required per net lot acre 28
28 trees x 6,115 Net Lot Acres
Less existing number of trees meeting minimum requirements
- B. % Palms allowed: No trees provided x 30%
% Palms permitted to count as street trees on 1:1 basis x 30%
- C. % Natives Required: No. trees provided x 30%
- D. Street Trees (maximum average spacing of 35' o.c.):
Biscayne Blvd. 415 linear feet along street / 35
N.E. 14th Ave. 376 linear feet along street / 35
- E. Street Trees located directly beneath power lines
(maximum average spacing of 25' o.c.): n/a linear feet along street/25
- F. Total Trees Provided including Palms
- G. Mitigation Trees (refer to sheet L1.0)

SHRUBS

- A. No. trees required 194 x 10 + No. of shrubs required
- B. % Natives required: No. shrubs required 1,710 x 30%

previous approved plan by Font Designs	previous approved plan by Font Designs
(171) 171	227 (224)
(29) 22	22 (51)
(51) 51	51 (125)
n/a	n/a
(52) 52	155 (24)
12	13
(23) 11	11 (295)*
n/a	n/a
(194) 194	247 (31)
(31) 31	31 (4,638)**
(1,710) 1,940	4,089 (924)
(468) 513	1,113

plant list

Qty.	key	Scientific	Common
4	cb	Cassia bakeriana	- Pink Shower Tree
11	cd	Coccoloba diversifolia	- Pigeon Plum (N)
25	cd1	Coccoloba diversifolia	- Pigeon Plum (N)
14	co	Chrysophyllum oliviforme	- Satin Leaf (N)
28	cs	Conocarpus er. 'sericeus'	- Silver Buttonwood (N)
7	cu	Coccoloba uvifera	- Sea Grape (N)
1	dr	Delonix regia	- Royal Poinciana
6	mf	Myrcianthes fragrans	- Simpson Stopper (N)
10	mg	Magnolia grandiflora	- Southern Magnolia (N)
63	qv	Quercus virginiana	- Live Oak (N)
9	th	Tabebuia heterophylla	- Pink Trumpet Tree
17	cn	Cocos nucifera	- Coconut Palm 'Green Malayan'
10	dc	Dypsis cabadae	- Cabada Palm
26	sp	Sabal palmetto	- Cabbage Palm (N)
35	vm	Veitchia montgomeryana	- Montgomery Palm
18	wb	Wodyetia bifurcata	- Foxtail Palm
			8-16' o.a. full head, matched

Shrubs and Groundcovers:

96	alo	Alocasia lauterbachiana	- Purple Sword
122	apt	Aptenia cordifolia	- Baby Sun Rose
191	cha	Chamadorea cataractarum	- Cat Palm
864	chr	Chrysobalanus icaco	'Red-Tip' - Red Tip Cocoplum (N)
269	clu	Clusia guttifera	- Small Pitch Apple (N)
1,338	fgi	Ficus 'Green Island'	- Same
8	jat	Jatropha integrerrima	- Peregrina
775	cro	Codiaeum variegatum	'Mammy' - same
210	mon	Monstera deliciosa	- Ceriman
366	neo	Neomarcia caerulea	'regina' - Walking Iris
807	pen	Pennisetum setaceum	'green' - Fountain Grass
644	pod	Podocarpus macrophyllus	- Yew
268	prc	Philodendron 'Rojo Congo'	
39,576	sod	St. Augustine 'Flor-tam'	- Same
10,800	sod1	St. Augustine 'Flor-tam'	- Same
100	zam	zamia furfuracea	- Cardboard plant
			3 gal. 20-22" ht. x spr. full. 36" o.c.
			- Miscellaneous
2,762	art	Artificial Turf	- to be selected
800	san	clean sand	
			c.y. of clean sand over weed barrier

* Fonts Designs listed 295, although table adds up to only 245

** Fonts Designs qty. of 4,638 shrubs counted all plants listed including groundcovers not meeting the technical requirements of a shrub. Using the same calculation the EGS2 plan provides 6,069 shrubs. Using the shrub criteria as defined by code the total number of shrubs per Fonts Designs' list would be 3,892 and the EGS2 plan provides 4,016.



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