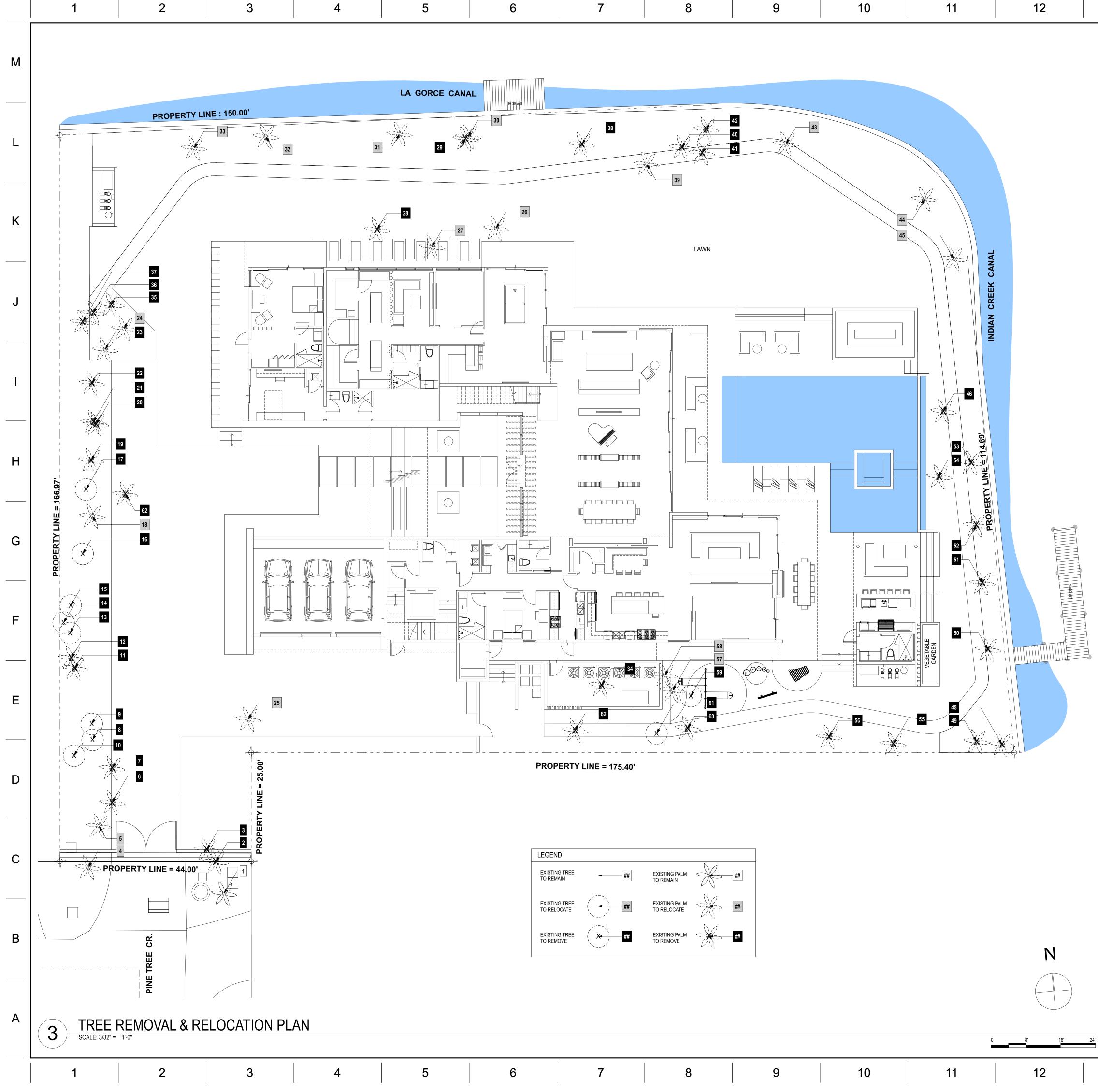
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М									GENER			ſES					
									REFER TO	ARCHITECTURE F	OR SITE, BU	ILDING, AND ZONING II	NFORMATION.				
									companies	48 hours minimum	prior to diggi	ng for verification of all	I utilities prior to digging in any a underground utilities, irrigation an coording to the best information av	nd all other obstructions and	coordinate with	th Owner's	
										•	·		nance of new and relocated mate		od.		
L													drawings and field conditions to th ecified in Grades and Standards fo		Palms and Tre	es, current	
													ons prior to initiating planting. All		ing, landscape	e and other	
									6. Landsca	pe Contractor shall c	oordinate all	work with related contract	l construction phases unless other	ction of the project in order n			
K									prior to cor	nmencing landscape	trade constru	ction.	ctor shall provide schedule of his/r				
									responsible		ns of existing		or all planting beds as specified p pe areas damaged while comple				
												•	etc. associated with the work and soil tests with recommendations fo	•	. Prior to comn	nencement	
J									Nursery Pl	ants", published by th	e Florida Dep	partment of Agriculture a	I strict accordance to Florida No. nd Consumer Services, the projec requirements for the project.				
									10. Landso Landscape		field stake t	the location of all plant i	naterial prior to initiating installat	ion for the review and appro	oval of the Ow	vner and/or	
													as necessary to avoid damage to ractor's expense and shall be coo				
I									delivery of	plants. All plants will	be subject to		y the Landscape Architect or Own Architect and/or Owner before pla unities.				
									13. Contra planting ins		landscape p	planting details, general	notes and the project manual and	d/or specifications for further	and complete	landscape	
												II planting work with per ement irrigation watering	manent or temporary irrigation wo and rainfall.	ork. Landscape Contractor sl	hall be respons	sible for all	
Н											·		planting areas, regardless of the		•	aily	
									All materia	ls, products and equi	oment shall b	e stored in an organized	fashion as directed by the Owner.				
									size and qu	uality) any and all exi	sting plant ma	aterial disturbed or damage	moval, relocation and/or installation ged by plant removal, relocation, a	nd/or installation work.			
G									shall be rep	placed at the Contrac	tor's expense).	, to penetrate outer surface of tre	e or paint. Trees or paints re			1947. A
									(1/3) of roc	t ball.			emoved from top one - third				
										prown in grow bags o ize specifications tak	• • • •	over container size.	ed.				
F											•		her and/or Landscape Architect.				
									improveme	ents to the right of wa	including lar	ndscaping and irrigation r	rface 2in. avg. using type S-III as equire a separate CMB Public Wo	orks Department ROW Const	ruction Permit.		1
													ans, are approximate. The final lo ing unsafe sight conditions, or as				A
Е													compiled from base information ccepts no responsibility for existing			contractor	
													ntractor to provide a detailed report nis shall be verified and approved		anting, staging	and reuse	
													points provided on the survey. mencement of work. Any discrepa	ancies shall be reported to th	ne owner's repi	resentative	
D									immediatel 29. The co		all work in ac	ccordance with all local, s	tate and federal regulations and s	hall obtain all necessary perr	nits for this pro	oject.	NE
													nd, if applicable, civil (c) drawing s				645
										es and dimensions ar ensions are square (wise noted. The contractor shall r	notify the owner/owner's repr	esentative imm	nediately in	MIA
С									the event of	of any discrepancies i	ound in the do	ocuments and/or field, or	of conditions uncovered in the wo	ork which are not reflected in	the plans.		DRB S
-									as a result	of actions by the con	ractor shall b	e restored by the contract	tor, at his expense, to conditions	equal to or better than before	the damage w	/as done.	ID L001
									contractor	before completion of	project and	are subject to approva	l by owner's representative. All e actor at no additional cost to the o	existing grassed areas not a			L002 L200
В												the site clean of miscella erwise indicated on the p	neous debris throughout the cons lans.	struction period. All waste ma	terial is to be c	lisposed of	L202 L300
U										actor is responsible ed sediment as a res			e basins (new and existing), ma	anholes and/or other draina	ige features w	vhich have	
									the perforn		contract. All c		lated work necessary for the prev vith shall be considered to be inclu				
٨											•		ials to landscape architect as requ			e Architact	
A									immediatel		with prowar	a county ordinances as	stated in Section 47-21.9. All di	sorepancies shall de notifié	u u Lanoscap		
		~	<u> </u>					_		<u>^</u>		7				40	 A
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<image/>						NEW SINGLE FAMILY RESIDENCE 6455 Pine Tree Drive Circle Miami Beach, FL
NEW SINGLE I 6455 PINE TREE DF MIAMI BEACH, FL 3			CE		N	URBAN ROBOT LLC AA26002760 ID26001534 LC26000510 REVISIONS
IDINameL001COVER SHEETL002TREE REMOVAL & RELOCATION PLANL200SITE PLANTING PLANL202PLANTING DETAILSL300SITE LIGHTING PLAN						#PIn PROJECT NO. 2/28/18 RU / JV DRAWN / CHECKED COVER SHEET
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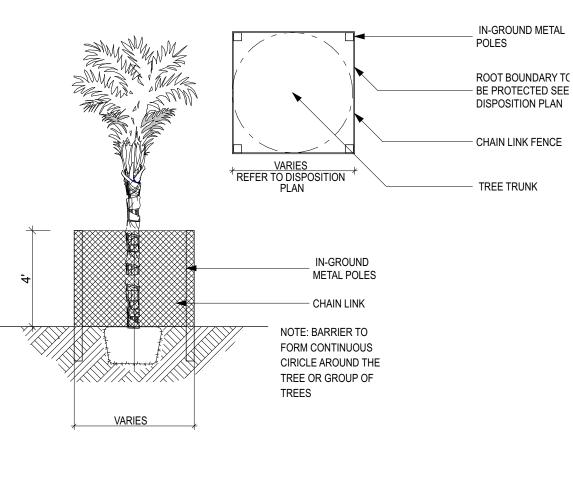
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TRE	E DISPOSITION SCH	EDULE		T								
TREE NUM	COMMON NAME	BOTANICAL NAME	HEIGHT FEET	WIDTH FEET	DBH INCHES	HEALTH CONDITION %	REMAIN	RELOCATE	REMOVE	SPECIMEN	CANOPY AREA (SF)	CALCULATED CANOPY (SF)
1	European Fan Palm	Chamaerops humilis	14	12	Multi	85	Х		X	Х	113	0
2 3	Areca Palm Areca Palm	Dypsis lutescens Dypsis lutescens	24 24	12 15	Multi Multi	70 80			X X	X X	113 177	226 353
4	Bismarck Palm	Bismarckia nobilis	24	15	18	75		Х	Λ	X	177	0
5	Bismarck Palm	Bismarckia nobilis	16	15	14	80		Х		Х	177	0
6	Alexander Palm	Ptychosperma elegans	28	5	4	60			Х		20	20
7	Alexander Palm Unknown tree	Ptychosperma elegans	28 30	5 15	4	60 45			X X		20 177	20 177
9	Unknown tree		26	12	6	30			X		113	113
10	Unknown tree		26	15	10	50			Х		177	177
11	Christmas Palm	Adonidia merrillii	24	8	6	80			Х		50	50
12	Christmas Palm	Adonidia merrillii	26	8	6	80			X		50	50
13 14	Strangler Fig Podocarpus	Ficus aurea Podocarpus macrophyllus	22 16	15 8	6 12	60 60			X X	Х	177 50	177 101
15	Madagascar Olive	Noronhia emarginata	28	20	10	30			X	~	314	314
16	Madagascar Olive	Noronhia emarginata	28	24	12	30			Х	Х	452	905
17	Schefflera	Schefflera actinophylla	30	20					Х		314	314
18	Montgomery Palm	Veitchia montgomeryana	35	12	7	70			X		113	0
19 20	Christmas Palm Christmas Palm	Adonidia merrillii Adonidia merrillii	24 24	10 15	5 6 + 3	75 50			X X	Х	79 177	79 353
20	Cabada Palm	Dypsis cabadae	18	10	4+4	50			X	л Х	79	157
22	Cabada Palm	Dypsis cabadae	28	20	5	65			X		314	314
23	Cabada Palm	Dypsis cabadae	20	10	7	60			Х		79	79
24a	Thatch Palm	Thrinax radiata	26	6	5	75		Х			28	0
24b	Thatch Palm	Thrinax radiata	20	6	4	75		X		×	28	0
25 26	Montgomery Palm Montgomery Palm	Veitchia montgomeryana Veitchia montgomeryana	45 45	5 25	8+8 30	75 70		X X		X X	20 491	0
27	Montgomery Palm	Veitchia montgomeryana	40	15	8+8+8	70		X		X	177	0
28	Royal Palm	Roystonea regia	40	12	16	80			Х	Х	113	226
29	Double numbered								Х		0	0
30	Bismarck Palm	Bismarckia nobilis	14	15	20	75		X		Х	177	0
31 32	Bismarck Palm Bismarck Palm	Bismarckia nobilis Bismarckia nobilis	12 20	10 15	18 18	75 70		X X		X X	79 177	0
33	Bismarck Palm	Bismarckia nobilis	20	15	18	75		X		л Х	177	0
34	Christmas Palm	Adonidia merrillii	30	12	5+5	75			Х	Х	113	226
35	Mango	Mangifera indica	14	12	5	55			Х		113	113
36	Royal Palm	Roystonia regia	45	20	14	75			X	Х	314	628
37 38	Christmas Palm Senegal Island Date Palm	Adonidia merrillii	24 16	10 15	6 Multi	80 65			X X	v	79	79
39	Thatch Palm	Thrinax radiata	35	4	5	65		Х	^	Х	177 13	353 0
40	Dioon	Dioon edule	12	8	7	70		7	Х	_	50	50
41	Montgomery Palm	Veitchia montgomeryana	30	10	7	60			Х		79	79
42	Montgomery Palm	Veitchia montgomeryana	30	10	7	60			Х		79	79
43 44	Thatch Palm Thatch Palm	Thrinax radiata Thrinax radiata	22 22	20 20	4	85 85		X X			314	0
44 45	Bismarck Palm	Bismarckia nobilis	10	10	4	80		X		Х	314 79	0
46	Areca Palm	Dypsis lutescens	18	15	Multi	40		χ	Х	X	177	353
47	Coconut Palm	Cocos Nucifera	45	20	15	75			Х	X	314	628
48	Seagrape	Coccoloba uvifera	8	12	9	45			Х		113	113
49	Schefflera	Schefflera actinophylla Cocos Nucifera	14	5	4	70			X	_	20	20
50 51	Coconut Palm Coconut Palm	Cocos Nucifera Cocos Nucifera	20 20	15 15	8	70 65			X X	-	177 177	177 177
52	Coconut Palm	Cocos Nucifera	16	15	7	70			X	-	177	177
53	Coconut Palm	Cocos Nucifera	20	15	7	70			Х		177	177
54	Coconut Palm	Cocos Nucifera	18	15	7	65			Х		177	177
55	Alexander Palm	Ptychosperma elegans	30	6	4	65			X		28	28
56 57	Coconut Palm Thatch Palm	Cocos Nucifera Thrinax Radiata	50 30	20 6	10 5	70 75			X X	_	314 28	314 28
58	Thatch Palm	Thrinax Radiata	12	8	5	80			X	-	 50	28 50
59	Song of India	Dracaena reflexa	18	12	Multi	45			X	Х	113	226
60	Areca Palm	Dypsis lutescens	18	12	Multi	75			Х		113	226
61	Dragon Tree	Dracaena marginata	14	5	Multi	40			X	Х	20	39
62	Christmas Palm	Adonidia merrillii	30	8	5	75			Х		50	50
						Т	otal	Cano	opy to	be N	litigated	8772

NOTE

REFER TO ARBORIST REPORT FOR ADDITIONAL INFORMATION.



TREE PROTECTION DETAIL NOT TO SCALE

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RESIDENCE FAMILY э́ц lree Driv Beach, **SINGLE FA** 6455 Pine Tr Miami B NEV

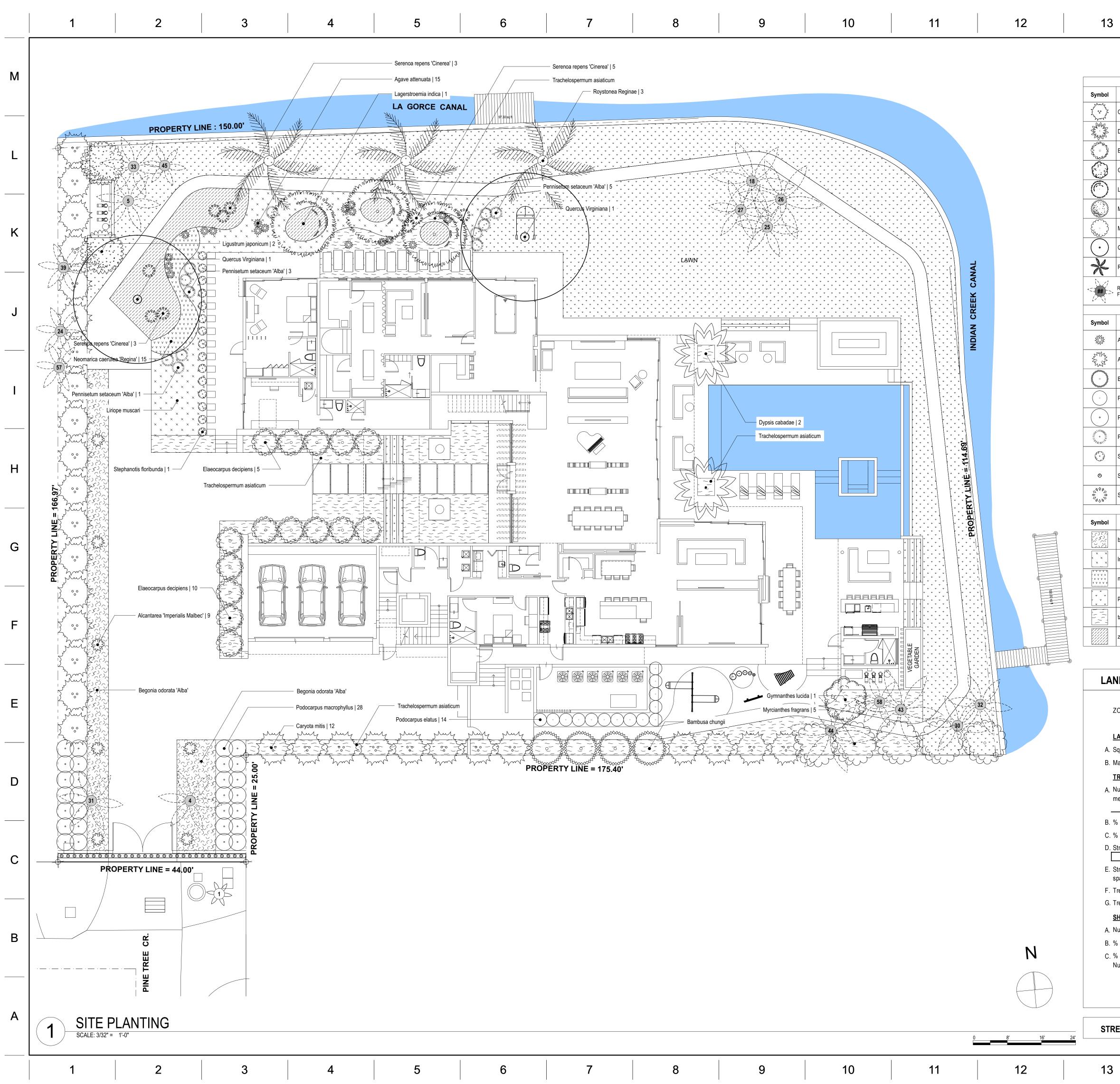
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URBAN ROBOT LLC AA26002760 ID26001534 LC26000510 REVISIONS ID Date Description #PIn PROJECT NO. 2/28/18

RU / JV

TREE REMOVAL & **RELOCATION PLAN**





10			••	10							.,
				Tree Schedule							
ymbol	ID	Qty	Botanical Name	Common Name	Cal	Height	Spread	Native		Remark	(S
prur yang oo ya	СМ	30	Caryota mitis	Fishtail Palm	Clump	20'	8'	N			
	DC	2	Dypsis cabadae	Cabada Palm		16' OA		N	Collected	l specimen	
Contraction of the second	ED	15	Elaeocarpus decipiens	Japanese Blueberry	6"	16'	6'	Y			
	GL	1	Gymnanthes lucida	Crabwood	2" min	12'	10'	Y	collected	specimen	
- Martin Martin	LI	3	Lagerstroemia indica	Crape Myrtle	3"	12'	8'	Y	Collected	d specimen	
۲	MF	2	Ligustrum japonicum	Japanese Privet	4" min	12'	12'	N	multitrun	k	
ڛ	MF	5	Myrcianthes fragrans	Simpson's Stopper	4" min	16'	10'	Y	multitrun	k	
\cdot	QA	2	Quercus Virginiana	Live Oak	22"	25'	30'	Y	collected	specimen	
X	RG	3	Roystonea Reginae	Royal Palm		25' OA		Y	Collected	d specimen	
#	## Relocated Palm NOTE: For relocated palm species and size, refer to chart on sheet L002.										
				Shrub Schedule							
ymbol	ID	Qty	Botanical Name	Common Name	Size	Height	Spread	Spacing	Native	Re	emarks
	Aa	18	Agave attenuata	Spineless Century Plant	15 gal	2'	2'	plan	N		
	Ai	7	Alcantarea 'Imperialis Malbec'	Imperial Bromeliad	10 gal	18"	24"	36"	Y		
	Вс	4	Bambusa chungii	Tropical Blue Bamboo		20'	10'			Field grov canes	vn; 20-25
°)	Pe	14	Podocarpus elatus	Plum Pine	30g	6'	3'		N		
•	Pm	28	Podocarpus macrophyllus	Plume Pine		8'	3'	4'	Y		
+ +	Ps	13	Pennisetum setaceum 'Alba'	White Fountain Grass	3 gal	36"	24"	24"	N		
the state of the s	Sf	15	Stephanotis floribunda	Bridal Wreath	7 gal	48"	36"	24"	N		
⊕	Sf	29	Stephanotis floribunda	Bridal Wreath	1 gal	24"	12"	18"	N		
	Sr	9	Serenoa repens 'Cinerea'	Silver Saw Palmetto	15 gal	36"	36"	36"	Y		
				Groundcover Schedule						Area	
ymbol टला	ID	QTY	Botanical Name	Common Name	Size	Height	Spread	Spacing	Native	(sf)	Remarks
	ba	115	Begonia odorata 'Alba'	White Begonia	3g	12"	12"	2"	N	809.30	
× × × ×	lm	447	Liriope muscari	Liriope	3g	24"	18"	12"	N	872.53	
	nc	74	Neomarica caerulea 'Regina'	Regina Iris	3g	24"	18"	18"	N	144.50	
* * * * *	рv		Paspalum vaginatum	Seashore Paspalum	Liner					6,506.86	
	ta		Trachelospermum asiaticum	Asiatic Jasmine	Liner	6"	6"	6"	N	2,207.75	
	zp	259	Zamia pumila	Coontie	7g	24"	24"	18"	Y	506.21	

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LANDSCAPE LEGEND		
ZONING DISTRICT: RS-3 LOT AREA 0.64 Acres	27,860 s.f	
LAWN AREA CALCULATION	REQUIRED	PROVIDED
A. Square feet of open space required: 50% of Lot Area =	13,930	19,502
B. Maximum lawn area (sod) permitted 50 % x 19,502 s.f.	9,751	6,315
TREES		
A. Number of trees required, less existing number of trees (12' high / 2" cal min) meeting minimum requirements =		
27 trees 0 existing=	27	28
B. % Native trees required: Number of required trees x 30% =	8	8
C. % Drought tolerant and low maintenance: Number of required trees x 50% =	13	25
D. Street Trees (maximum average spacing of 20' o.c.): 44 linear feet along street / 20 =	2	0
E. Street trees located directly beneath power lines: (maximum average spacing of 20' o.c.): Inter feet along street / 20 =	NA	NA
F. Tree Diversity (based on number of required trees)	6	6
G. Trees in Energy Conservation Zone	2	8
SHRUBS		
A. Number of shrubs required (18" min height): (No. of required trees + No. of street trees) x $12 =$	349	396
B. % Native shrubs required: Number of required shrubs x 50% =	174	268
C. % large shrubs required (min 6' high installed, 10' high once mature, 50% min native) Number of required shrubs x 10%=	35_	42

STREET TREES REQUIREMENT: CONTRIBUTING INTO THE CITY'S TREE FUND AS PER SEC. 126-7

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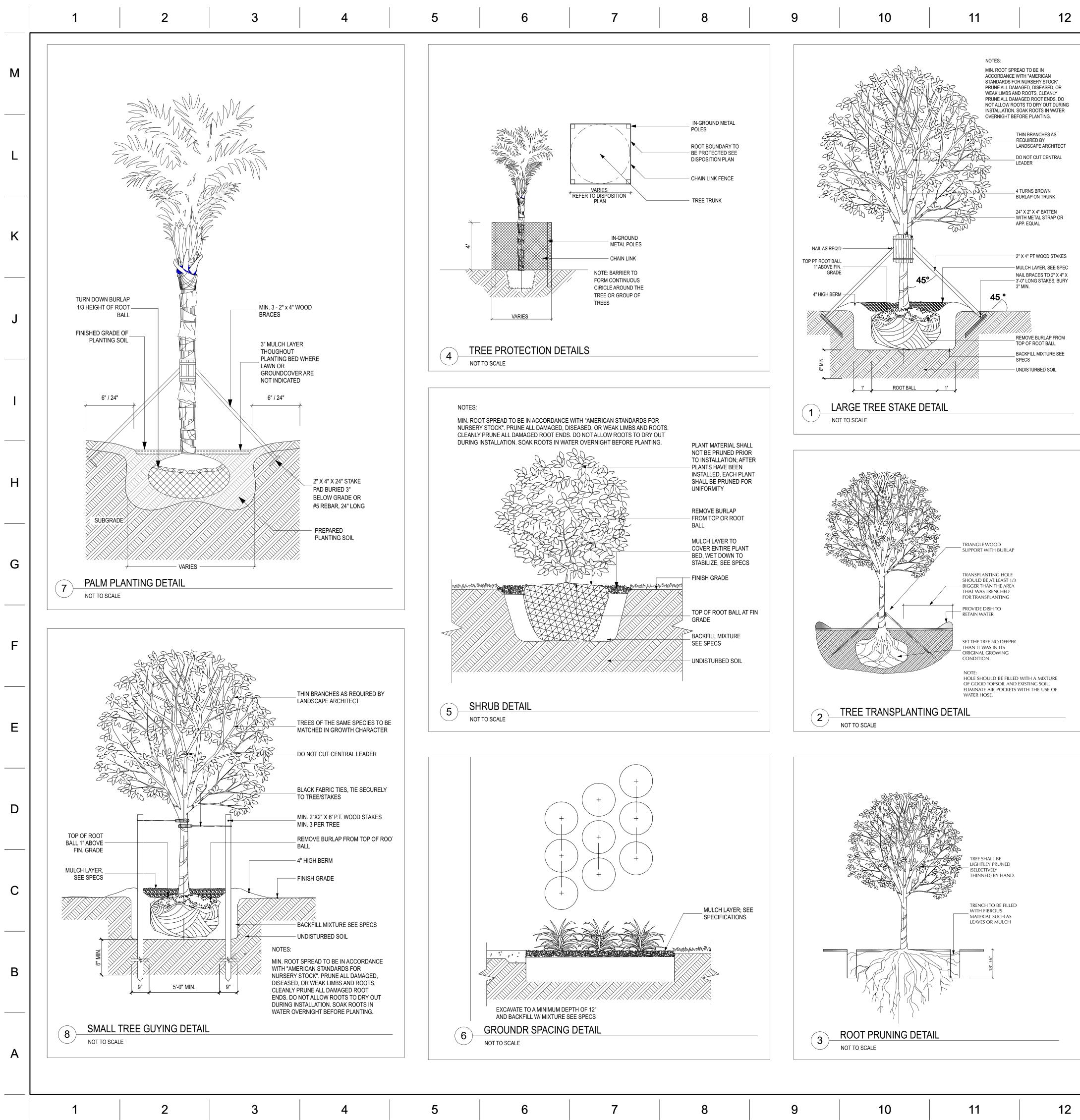
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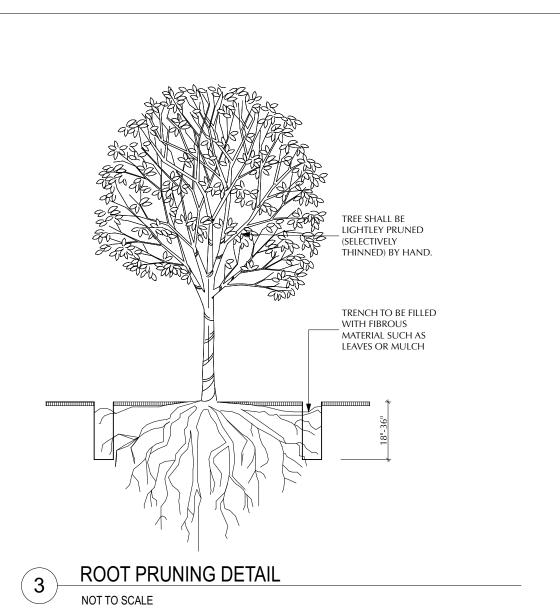
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PLANTING SPECIFICATIONS

PLANTING SPECIFICATIONS

1. The Contractor is responsible for maintaining, all planting areas (including watering, spraying, mulching, mowing, fertilizing, etc.) until the job is accepted, in full, by the Owner and/or Landscape Architect.

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2. All root balls shall conform to the size standards set forth in "American Standards for Nursery Stock".

3. All plant material shall be protected during transport and delivery to final location with shade cloth or other acceptable means of windburn prevention.

4. All trees must be guyed or staked as shown in the details.

5. Installation- All plant material shall be installed in a sound, workman- like manner and according to accepted good planting and tree relocation procedures with the quality of plant materials as hereinafter described. All elements of landscaping shall be installed so as to meet all applicable ordinances and code requirements.

6. There shall be no chains or cables used on trees or palms. Handle with two inch (2") minimum width nylon straps or equal.

7. Contractor shall assure drainage and percolation of all planting pits prior to installation of plant material. Contractor shall fill all tree pits with water before planting to assure that proper drainage and percolation is available. Correct if required to assure percolation. Contractor is responsible for replacement of all plants lost due to inadequate drain- age conditions.

8. Contractor to request final acceptance of project in writing. If all work is satisfactory and complete in accordance with conditions of contract documents, then the Owner and the Landscape Architect shall declare the project substantially complete.

9. Contractor to replace rejected plant material within one (1) week of written notice.

10. Contractor shall mulch all plant material throughout and completely to a three inch (3") depth of loose, weed free, sterilized Melaleuca mulch.

11. Plant Material which is not installed at the direction of the landscape architect or owner will become the property of the contractor unless it becomes relocated on site. The Contractor shall provide the owner a credit for any plant material not installed on the site.

SOIL PREPARATION AND SOIL MIX

1. All shrub beds shall be provided with a minimum 30" depth of approved planting soil if existing soil is not acceptable to the Landscape Architect. Shrub beds shall be excavated to 30" depth and soil replaced as specified. Acceptable soil composition shall be 70% sand, 30% organic content with an overall pH range between 6.5 and 7.5.

2. Apply Roundup (manufactured by Monsanto Corp. or equal.) according to manufacturer's rate and specification within limits of all areas to be planted. Protect existing plants to remain from overspray or spray within root zone. Contractor to ensure total weed eradication from all areas to be planted.

3. Before replacing topsoil, rake subsoil surface clear of stones (1" diameter and larger), debris, rubbish, and remaining roots from removed plant material.

4. Scarify subsoil to a depth of six inches (6").

5. Contractor to apply "Surflan" or equal, or approved pre-emergent herbicide in accordance with manufacturer's rate and specifications.

6. Planting Soil Mixtures:

All plant material on grade with the exception of palms and beach material, shall be planted with the following soil mix: Planting Soil Mixture A:

- a.) Weed free soil and consist of 70% clean silica sand,
 - 30% everglades muck, and
- b.) There must be a slight acidic reaction to the soil with no excess calcium or carbonate.
- c.) Soil shall be delivered in a loose friable condition.
- All palms + beach material on grade shall be planted with the following:

Planting Soil Mixture B:

a.) 80% clean sillca sand b.) 20% everglades mack

All elevated planting areas on structure shall be planted with the following unless otherwise approved by L.A

Planting Soil Mixture C:

Mix specifically designed to meet project requirements based on climatic region and plant requirements.

- a.) 50% Coarse Stalite, 5/16" Expanded Aggregate
- b.) 25% Clean Silica Sand
- c.) 10% Pine fines d.) 15% Approved Compost

7. Topsoil shall be natural, fertile, agricultural soil capable of sustaining vigorous plant growth. It shall be of uniform composition throughout, with admixture of subsoil. It shall be free of stones, lumps, live plants an their roots, sticks, and other extraneous matter. Spread topsoil mixture to minimum depth of three inches (3") throughout all lawn areas ...

8. Remove all rocks and other objects over one inches (1") in diameter.

9. Smooth all soil mixture to five inches (5") below top of surrounding pavement edges. This allows room for 3" of mulch and 2" clear space below top of pavement.

10. Smooth topsoil mixture to two inches (2") below finish grade in areas to be sodded.

11. Topsoil shall not be extremely acid or alkaline, nor contain toxic substances which may be harmful to plant growth. The topsoil pH shall be in the range of pH 6.5 to 7.5. If necessary, the Contractor shall apply the appropriate soil amendments adjusting soil pH to assure a pH range of 6.5 to 7.5.

12. Finish grade all topsoil areas to a smooth, even surface, assuring positive drainage away from the structures and eliminate any low areas which may collect water.

13. Contractor shall assure percolation and drainage of all planting pits prior to planting. Contractor will be responsible for all plants lost due to the lack of percolation.

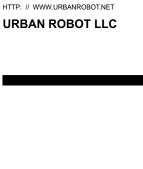
14. Contractor to remove debris and excess material daily from job site. Contractor shall remove all staking of trees and palms after twelve (12) months of substantial completion.

MULCH

1. Mulch shall be shredded Florimulch (100% Melaleuca mulch). Planting areas not covered by lawn grass/sod shall be mulched to a minimum depth of 3", in order to present a finished appearance.

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2. Any other mulch must be must be submitted to and approved.



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2/28/	18						
RU /	JV CHECKED						
PLANTING DETAILS							

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	1	1		Lighting schedule			
2D Symbol	Light Fixture	Quantity	Manufacturer	Model	Voltage	Lamp	Wa
	Path Light	45	BEGA	88 659	120V	LED	LED
	Spot Light	52	Garden Light LED	V2	12V	LED	8 Watt
	Wall Washer	44	Garden Light LED	ww	12 vac	LED	20 wat

7	8	9	10	11	12	13