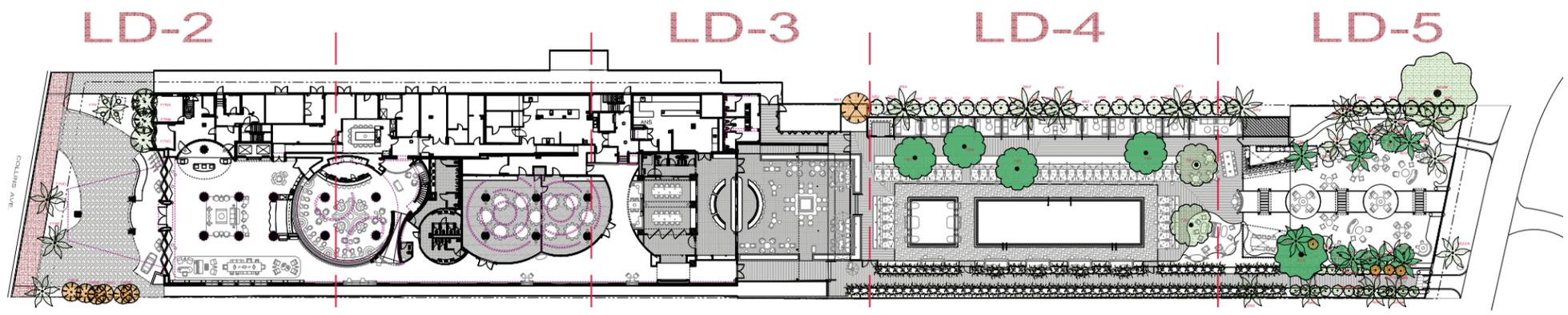


Existing Tree Disposition List							
No.	Common Name	Botanical Name	Height (Feet)	Spread (Feet)	DBH (Inches)	Condition	Disposition
779	Coconut Palm	<i>Cocos nucifera</i>	36'	22'	10"	Good	Remain
779A	Chinese Fan Palm	<i>Livistona chinensis</i>	25'	10'	8"	Fair	Remain
779B	Chinese Fan Palm, dbl	<i>Livistona chinensis</i>	25'	18'	16"	Fair	Remain
779C	Chinese Fan Palm	<i>Livistona chinensis</i>	23'	10'	8"	Fair	Remain
779D	Coconut Palm	<i>Cocos nucifera</i>	26'	20'	8"	Fair	Remain
779E	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	9"	Fair	Remain
780	Coconut Palm	<i>Cocos nucifera</i>	34'	22'	10"	Fair	Remain
780A	Chinese Fan Palm	<i>Livistona chinensis</i>	16'	10'	10"	Fair	Remove
780B	Chinese Fan Palm, dbl	<i>Livistona chinensis</i>	26'	20'	16"	Fair	Remove
780C	Chinese Fan Palm	<i>Livistona chinensis</i>	14'	10'	12"	Fair	Remove
780D	Chinese Fan Palm, dbl	<i>Livistona chinensis</i>	23'	12'	18"	Fair	Remove
783	Mahogany	<i>Swietenia mahagoni</i>	16'	18'	12"	Moderate	Transplant
784	Mahogany	<i>Swietenia mahagoni</i>	17'	16'	12"	Moderate	Transplant
785	Mahogany	<i>Swietenia mahagoni</i>	17'	16'	11"	Moderate	Transplant
790	Mahogany	<i>Swietenia mahagoni</i>	15'	16'	9"	Moderate	Transplant
791	Mahogany	<i>Swietenia mahagoni</i>	15'	16'	11"	Moderate	Remain
792	Mahogany	<i>Swietenia mahagoni</i>	15'	16'	8"	Moderate	Remain
796	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	9"	Fair	Transplant
797	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	18'	22'	7"	Moderate	Remain
798	Coconut Palm	<i>Cocos nucifera</i>	37'	20'	8"	Fair	Remain
799	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	18'	24'	12"	Fair	Transplant
799A	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	8"	Fair	Remain
800	Coconut Palm	<i>Cocos nucifera</i>	40'	22'	8"	Fair	Transplant
801	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	15'	18'	15"	Fair	Transplant
801A	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	8"	Fair	Remain
802	Coconut Palm	<i>Cocos nucifera</i>	24'	20'	7"	Fair	Transplant
803	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	14'	20'	10"	Fair	Remain
804	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	8"	Moderate	Remain
805	Green Buttonwood	<i>Conocarpus erectus</i>	20'	22'	6"	Moderate	Remain
805A	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	8"	Fair	Remain
805B	Sea Grape	<i>Coccoloba uvifera</i>	24'	38'	37"	Adjacent property	Remain
806	Green Buttonwood	<i>Conocarpus erectus</i>	20'	22'	7"	Moderate	Remain
807	Green Buttonwood	<i>Conocarpus erectus</i>	20'	22'	4"	Moderate	Remain
807A	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	8"	Fair	Remain
808	Green Buttonwood	<i>Conocarpus erectus</i>	25'	22'	4"	Moderate	Remain
809	Green Buttonwood	<i>Conocarpus erectus</i>	20'	22'	8"	Moderate	Remain
810	Green Buttonwood	<i>Conocarpus erectus</i>	20'	22'	5"	Moderate	Remain
810A	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	8"	Moderate	Remain
811	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	9"	Fair	Remain
812	Coconut Palm	<i>Cocos nucifera</i>	32'	18'	8"	Fair	Transplant
813	Sea Grape	<i>Coccoloba uvifera</i>	30'	40'	64"	Moderate	Transplant
814	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	20'	15'	3"	Poor	Remove
815	Coconut Palm	<i>Cocos nucifera</i>	40'	24'	9"	Fair	Remain
816	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	16'	20'	9"	Good	Transplant
817	Coconut Palm	<i>Cocos nucifera</i>	30'	22'	8"	Fair	Transplant
818	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	15'	18'	7"	Fair	Transplant
819	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	9"	Fair	Transplant
820	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	8"	Fair	Remain
821	Silver Buttonwood	<i>Conocarpus erectus 'Sericeus'</i>	15'	20'	9"	Fair	Transplant
822	Coconut Palm	<i>Cocos nucifera</i>	30'	20'	8"	Fair	Transplant
822A	Coconut Palm	<i>Cocos nucifera</i>	24'	24'	8"	Fair	Remain

825	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remove	
826	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remove	
827	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remove	
828	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
829	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
830	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
831	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
832	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
833	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
834	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
835	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
836	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
837	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
838	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
839	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
840	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
841	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
842	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
843	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
844	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
845	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
846	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
847	Clusia shrub	<i>Clusia guttifera</i>				Moderate	Remain	
848	Coconut Palm	<i>Cocos nucifera</i>	25'	20'	8"	Fair	Remain	
849	Coconut Palm	<i>Cocos nucifera</i>	28'	20'	8"	Fair	Remain	
849A	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	8"	Fair	Remain	
850	Coconut Palm	<i>Cocos nucifera</i>	32'	20'	8"	Fair	Remain	
851	Brazilian Pepper	<i>Schinus terebinthifolia</i>	20'	16'		Invasive	Poor	Remove
852	Green Buttonwood	<i>Conocarpus erectus</i>	20'	20'	10"	Moderate	Remain	
853	Green Buttonwood	<i>Conocarpus erectus</i>	16'	16'	10"	Moderate	Remain	
854	Royal Palm	<i>Roystonea regia</i>	25'	22'	12"	Moderate	Remain	
855	Green Buttonwood	<i>Conocarpus erectus</i>	18'	18'	10"	Moderate	Remain	
856	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	8"	Fair	Remain	
857	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	7"	Moderate	Remain	
858	Green Buttonwood	<i>Conocarpus erectus</i>	20'	20'	6"	Moderate	Remain	
859	Green Buttonwood	<i>Conocarpus erectus</i>	18'	16'	6"	Moderate	Remain	
860	Green Buttonwood	<i>Conocarpus erectus</i>	18'	16'	6"	Moderate	Remain	
861	Green Buttonwood	<i>Conocarpus erectus</i>	22'	20'	10"	Fair	Remain	
862	Royal Palm	<i>Roystonea regia</i>	30'	20'	14"	Moderate	Remain	
863	Green Buttonwood	<i>Conocarpus erectus</i>	16'	16'	9"	Moderate	Remain	
864	Green Buttonwood	<i>Conocarpus erectus</i>	16'	16'	6"	Moderate	Remain	
865	Royal Palm	<i>Roystonea regia</i>	28'	22'	16"	Moderate	Remain	
866	Green Buttonwood	<i>Conocarpus erectus</i>	18'	18'	8"	Moderate	Remain	
867	Green Buttonwood	<i>Conocarpus erectus</i>	10'	5'		Dead	Poor	Remove
868	Green Buttonwood	<i>Conocarpus erectus</i>	20'	20'	7"	Moderate	Remain	
869	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	9"	Moderate	Remain	
870	Green Buttonwood	<i>Conocarpus erectus</i>	18'	16'	7"	Moderate	Remain	
871	Green Buttonwood	<i>Conocarpus erectus</i>	18'	14'	7"	Moderate	Remain	
872	Green Buttonwood	<i>Conocarpus erectus</i>	18'	16'	7"	Moderate	Remain	
873	Royal Palm	<i>Roystonea regia</i>	30'	22'	12"	Moderate	Remain	
874	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	8"	Moderate	Remain	
875	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	8"	Moderate	Remain	
876	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	6"	Moderate	Remain	
877	Green Buttonwood	<i>Conocarpus erectus</i>	20'	18'	12"	Moderate	Remain	
878	Royal Palm	<i>Roystonea regia</i>	30'	22'	11"	Moderate	Remain	
Total DBH (inches) of Trees to be Removed							59"	
Total number of Palms to be Removed							0	
See Planting Plans for Tree Replacement								



EXISTING TREE DISPOSITION - OVERALL KEY PLAN  
PROPOSED BUILDING SCALE: 1" = 30'-0"



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SEAL

LANDSCAPE  
OVERALL PLAN

PROJECT TITLE  
THE JAMES NAUTILUS  
1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

PROJECT NO.  
2309.00

REVISION DATE(S)

DATE  
1/5/2025

HPB  
LD-1

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**LANDSCAPE ARRIVAL AREA**

**THE JAMES NAUTILUS**  
 1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

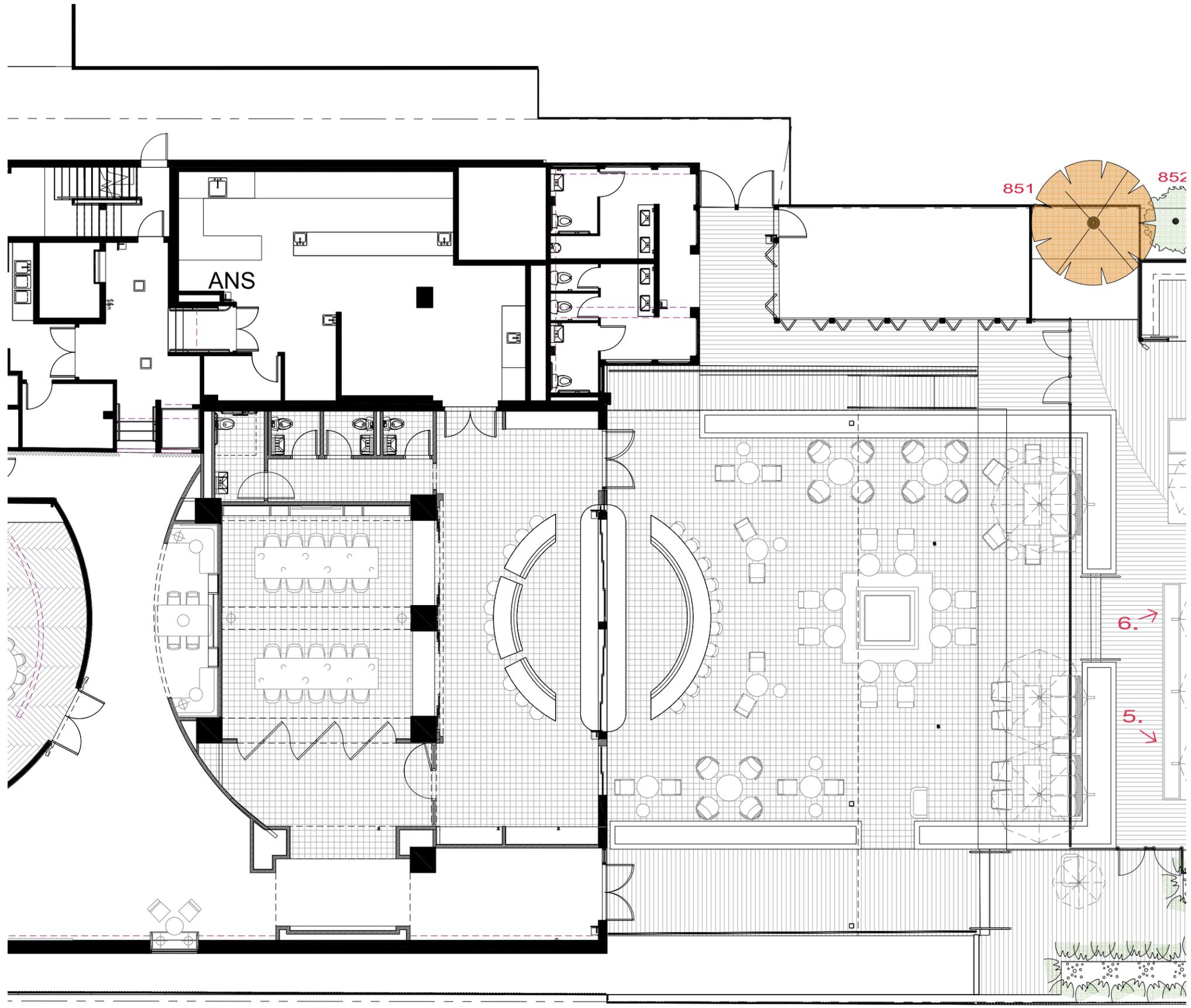
PROJECT NO. 2309.00

REVISION DATE(S)

DATE 1/5/2025

HPB LD-2

**EXISTING TREE DISPOSITION - ARRIVAL AREA**  
 PROPOSED BUILDING SCALE: 3/16" = 1'-0"



**EXISTING TREE DISPOSITION - BARLUME SALON AREA**  
 PROPOSED BUILDING  
 SCALE: 3/16" = 1'-0"



SEAL



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**LANDSCAPE**  
**BARLUME SALON AREA**

**THE JAMES NAUTILUS**  
 1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

PROJECT NO. 2309.00  
 REVISION DATE(S)  
 DATE 1/5/2025  
 HPB  
 LD-3



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SEAL

**LANDSCAPE  
 POOL AREA**

**THE JAMES NAUTILUS**  
 1825 COLLINS AVENUE  
 MIAMI BEACH, FLORIDA 33139

PROJECT NO.	2309.00
REVISION DATE(S)	
DATE	1/5/2025
HPB LD-4	

**DISPOSITION LEGEND**

	EXISTING TO REMAIN		TO BE TRANSPLANTED		TO BE REMOVED
--	--------------------	--	--------------------	--	---------------

**EXISTING TREE DISPOSITION - POOL AREA**  
 PROPOSED BUILDING  
 SCALE: 3/16" = 1'-0"

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10.



11.



12.



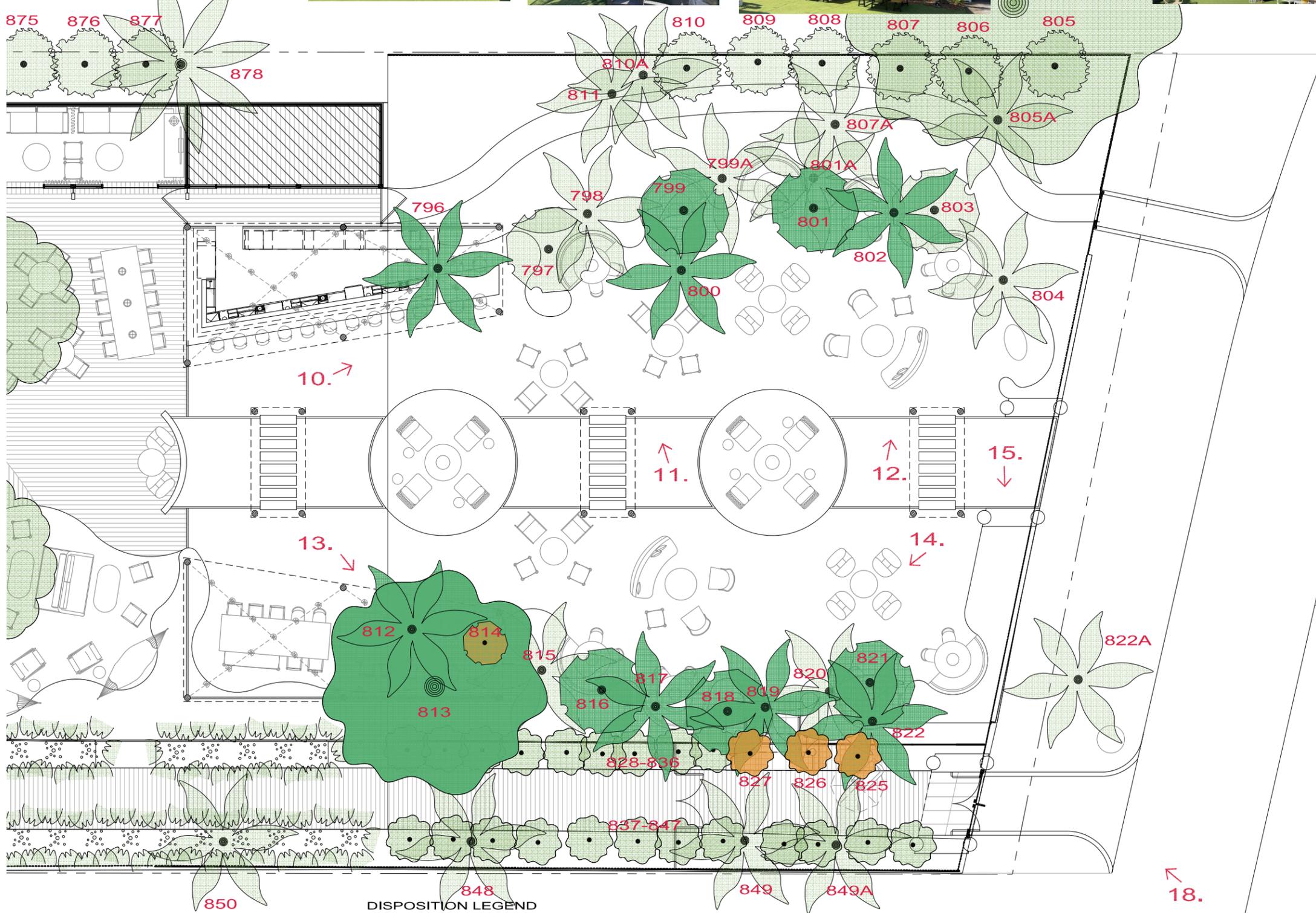
13.



14.



15.



**EXISTING TREE DISPOSITION - BARLUME BEACH AREA & BOARDWALK AREA**  
PROPOSED BUILDING

SCALE: 3/16" = 1'-0"

SEAL



16.

16.



17.

← 17.



18.

18.

THE JAMES NAUTILUS PROJECT NO. 2309.00 DATE 1/5/2025 HPB LD-5

LANDSCAPE & BOARDWALK BARLUME BEACH, FLORIDA 33139

THE JAMES NAUTILUS 1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

PROJECT NO. 2309.00 DATE 1/5/2025 HPB LD-5

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS  
Zoning District RM-3 Lot Area 61,468 Acres 1.411

	REQUIRED/ ALLOWED	PROVIDED
<b>OPEN SPACE</b> (OCEANFRONT LOTS REAR YARD SETBACK AREA)		
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>11,654</u> s.f. x <u>50</u> % = <u>5,827</u> s.f.	<u>5,827 SF</u>	<u>6,147 SF</u>
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>N/A</u> x 10 s.f. parking space =	<u>None Required</u>	<u>N/A</u>
C. Total square feet of landscaped open space required: A+B=	<u>5,827 SF</u>	<u>6,147 SF</u>

**LAWN AREA CALCULATION**

A. Square feet of landscaped open space required	<u>5,827 SF</u>	<u>6,147 SF</u>
B. Maximum lawn area (sod) permitted= _____ % x _____ s.f.	<u>N/A</u>	<u>N/A</u>

**TREES**

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>28</u> trees x <u>1.411</u> net lot acres - number of existing trees= <u>39.5</u> - <u>41</u> existing = <u>0</u>	<u>10</u>
B. % Natives required: Number of trees provided x 30% = <u>2</u>	<u>8</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%= <u>3</u>	<u>10</u>
D. Street Trees (maximum average spacing of 20' o.c.) <u>101</u> linear feet along street divided by 20' = <u>5</u>	<u>5</u> <sup>2 new street trees</sup> <sub>3 across site trees</sub>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u>N/A</u> linear feet along street divided by 20' =	<u>N/A</u> <u>N/A</u>

**SHRUBS**

A. Number of shrubs required: Sum of lot and street trees required x 12=	<u>138</u>	<u>138 min.</u>
B. % Native shrubs required: Number of shrubs provided x 50%=	<u>69</u>	<u>69 min.</u>

**LARGE SHRUBS OR SMALL TREES**

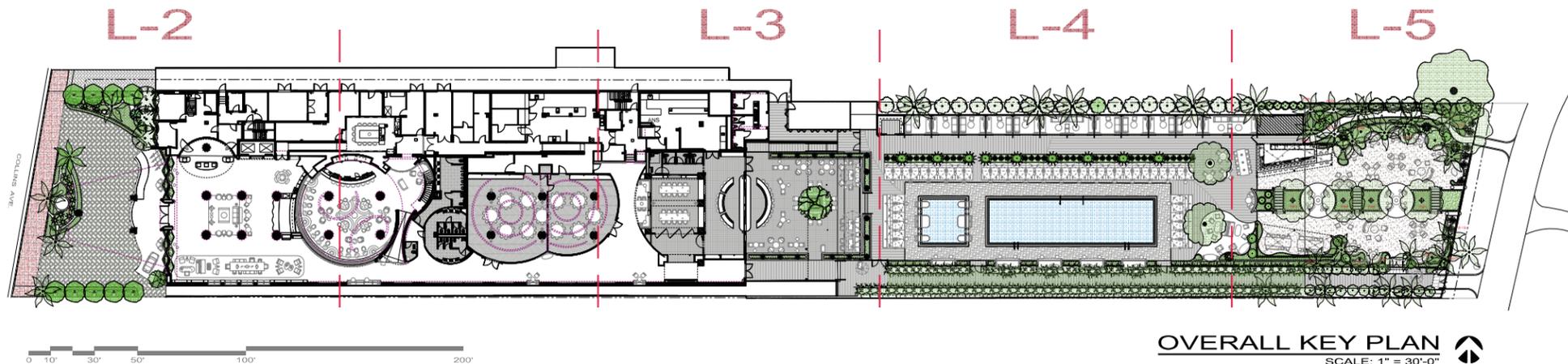
A. Number of large shrubs or small trees required: Number of required shrubs x 10%= <u>14</u>	<u>14</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%= <u>7</u>	<u>14</u>

**MITIGATION LEGEND**

Total dbh (in.) of Trees to be removed: <u>59"</u>			
Replacement trees required for mitigation per Sec.46-61 Tree Replacement Chart:			
Total dbh (in.) to be removed	12' x 6', 2" dbh min.	OR	16' x 8', 4" dbh min.
49" - 60"	20		10
59" total dbh removed:	20 total trees required	OR	10 total trees required
Replacement trees provided for mitigation:			
	12' x 6', 2" dbh min.		16' x 8', 4" dbh min.
	1 total trees provided	AND	11 total trees provided
Total replacement trees provided for mitigation: 1+22 = <b>23 trees</b>			

Landscape - Plant List					
Qty.	Common Name	Botanical Name	Native	Specs	Container
<b>Street Trees</b>					
2	Green Buttonwood tree	<i>Conocarpus erectus</i>	Yes	16' ht. x 8" spr., 4" DBH, 4' CT	100 gal.
2	<b>Total Street Trees</b>	<b>Total Native Street Trees</b>	<b>2</b>		
<b>Trees</b>					
1	Ficus 'Audrey'	<i>Ficus benghalensis 'Audrey'</i>		12'-14' ht. x 8" spr., standard	100 gal.
1	Ficus 'Audrey'	<i>Ficus benghalensis 'Audrey'</i>		Multi stems, specimen	B & B
8	Green Buttonwood tree	<i>Conocarpus erectus</i>	Yes	16' ht. x 8" spr., 4" DBH, 4' CT	100 gal.
10	<b>Total Trees</b>	<b>Total Native Trees</b>	<b>8</b>		
<b>Palms</b>					
1	Coconut Palm	<i>Cocos nucifera</i>		16'-18' bowcol	B & B
9	Florida Silver Palm	<i>Coccothrinax argentea</i>	Yes	6' ht.	11 & 11
10	Florida Thatch Palm	<i>Thrinax rostrata</i>	Yes	4' ht. x 4' spr.	25 gal.
3	Key Thatch Palm	<i>Thrinax morrisii</i>	Yes	4' ht. x 4' spr.	45 gal.
23	<b>Total Palms</b>	<b>Total Native Palms</b>	<b>22</b>		
<b>Large Shrubs</b>					
10	Bay Cedar	<i>Suriana maritima</i>	Yes	6' ht. x 4" spr., bush	45 gal.
4	Jamaican Caper	<i>Capparis cynophallophora</i>	Yes	6' ht. x 4" spr., bush	45 gal.
14	<b>Total Large Shrubs</b>	<b>Total Native Large Shrubs</b>	<b>14</b>		
<b>Shrubs, Groundcovers, &amp; Accents</b>					
1	Acalypha 'Java White'	<i>Acalypha wilkesiana 'Java White'</i>		48" ht. x 30" spr.	15 gal.
	• Clusia 'Nana'	<i>Clusia rosea 'Nana'</i>		12" ht. x 12" spr.	3 gal.
29	Crabwood	<i>Gymnanthes lucida</i>	Yes	3.5' ht. x 2.5' spr., full	7 gal.
14	Crimm Lily (green)	<i>Crimm asiaticum</i>		3' x 3' / Shade	25 gal.
10	Dracaena Arborea	<i>Dracaena arborea</i>		5' ht., shrub	25 gal.
	• Dwarf Fakahatchee Grass	<i>Tripsacum floridana</i>	Yes	18" ht., full	3 gal.
9	Fakahatchee Grass	<i>Tripsacum dactyloides</i>	Yes	21" ht., full	3 gal.
	• Ficus 'Green Island'	<i>Ficus microcarpa 'Green Island'</i>		12" ht. x 12" spr.	3 gal.
6	Ilex 'Schillings'	<i>Ilex vomitoria 'Schillings'</i>		30" x 30" min. globe	15 gal.
	• Ilex 'Schillings'	<i>Ilex vomitoria 'Schillings'</i>		14" ht. x 14" spr.	7 gal.
	• Peperomia	<i>Peperomia obtusifolia</i>	Yes	10" x 10"	3 gal.
	• Sansevieria 'Laurentii'	<i>Sansevieria trifasciata 'Laurentii'</i>		28" ht., full	3 gal.
	• Spanish Shawl	<i>Heterocentron elegans</i>		10" x 8"	1 gal.
	• Spider Lily	<i>Hymenocallis latifolia</i>	Yes	14" x 11"	3 gal.
	• Sun Rose	<i>Apтения curvifolia</i>		10" x 8"	1 gal.
	• Tahitian Gardenia	<i>Gardenia taitensis</i>		36" x 30"	15 gal.
	• White Fountain Grass	<i>Pennisetum setaceum 'Alba'</i>		21" ht., full	3 gal.
	• Wild Boston Fern (native)	<i>Nephrolepis exaltata</i>	Yes	24" x 24"	3 gal.
	• Wild Coffee	<i>Psychotria nervosa</i>	Yes	30"-36" x 24"	7 gal.
6	Yucca Rostrata	<i>Yucca rostrata</i>		4' ht.	

Note: All plant material to be approved by L.A. via photo submittal prior to purchase and installation. For any discrepancies in plant quantities, the plans take precedence.



**OVERALL KEY PLAN**  
SCALE: 1" = 30'-0"



SEAL

LANDSCAPE  
OVERALL PLAN - PLANTING

PROJECT TITLE  
**THE JAMES NAUTILUS**  
1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

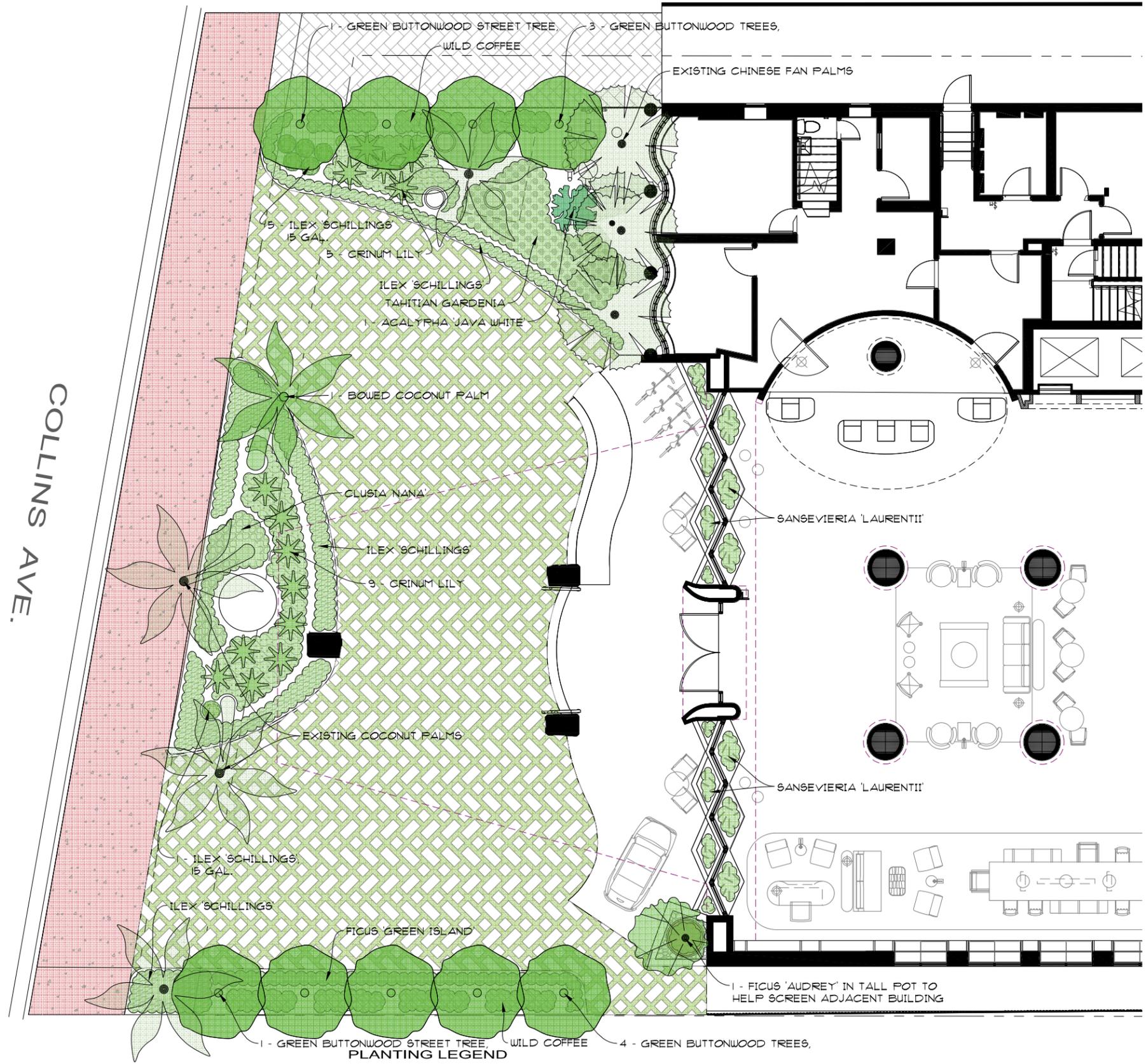
PROJECT NO.  
2309.00

REVISION DATE(S)

DATE  
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CONCEPT PLANTING IMAGES



GREEN BUTTONWOOD TREE HEDGE



BOWED COCONUT PALMS



ILEX 'SCHILLINGS'



CLUSIA ROSEA 'NANA'



CRINUM LILY



ACALYPHA 'JAVA WHITE'



WILD COFFEE



SANSEVIERIA 'LAURENTII'

ARRIVAL AREA  
SCALE: 3/16" = 1'-0"

**GEOMANTIC DESIGNS, INC.**  
LANDSCAPE ARCHITECTURE  
ROBERT PARSLEY A.S.L.A.  
2112 GALLANI STREET - 2ND FLOOR  
CORAL GABLES, FLORIDA 33134  
PHONE: 305.565.9088

SEAL

LANDSCAPE  
ARRIVAL AREA

PROJECT TITLE  
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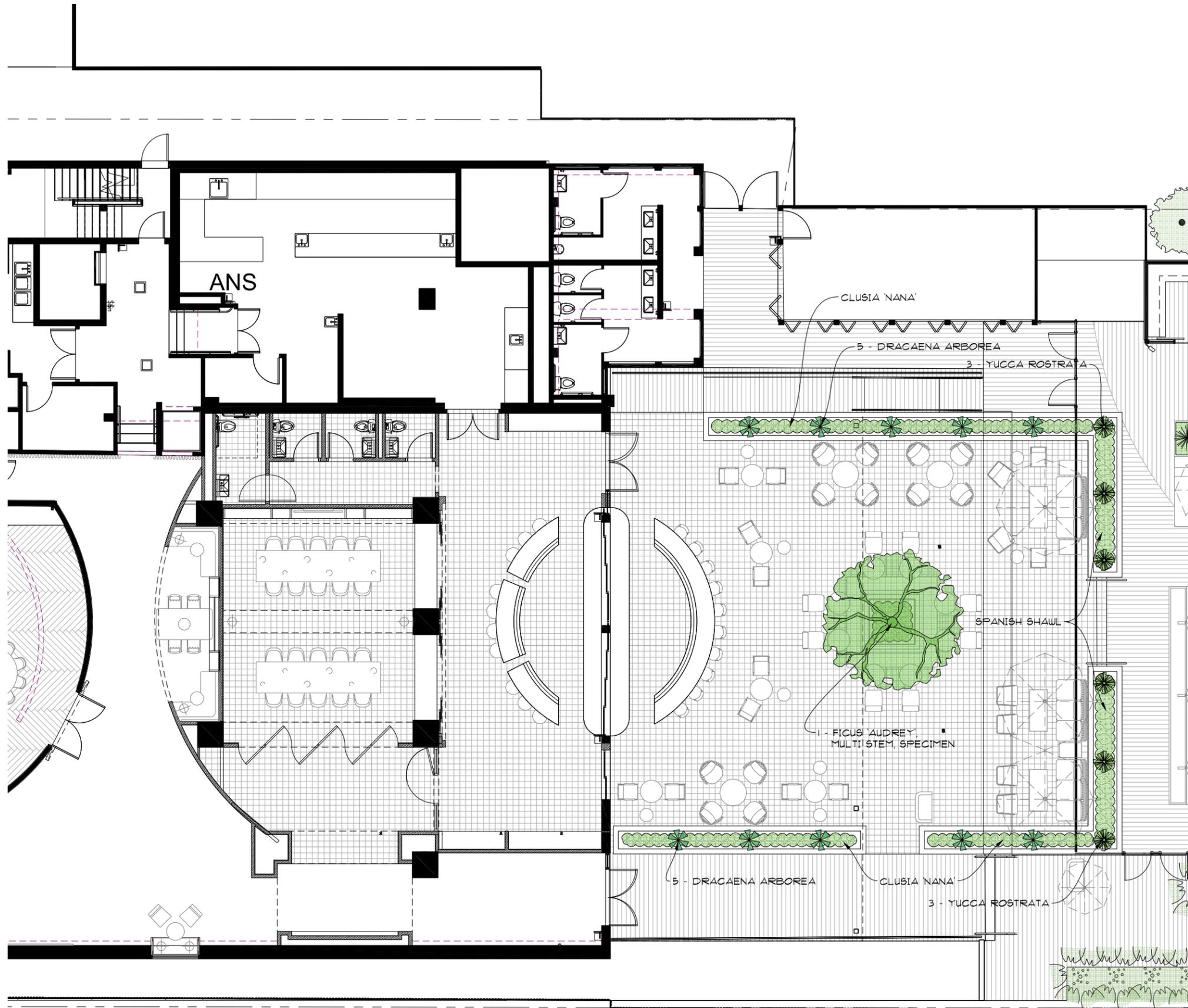
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CONCEPT PLANTING IMAGES



SCULPTURAL ACCENT TREE



YUCCA ROSTRATA



DRACAENA ARBOREA



SPANISH SHAWL



CLUSIA ROSEA NANA



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SEAL

**LANDSCAPE**  
**BARLUME SALON AREA**

**THE JAMES NAUTILUS**  
1825 COLLINS AVENUE  
MIAMI BEACH, FLORIDA 33139

PROJECT NO.  
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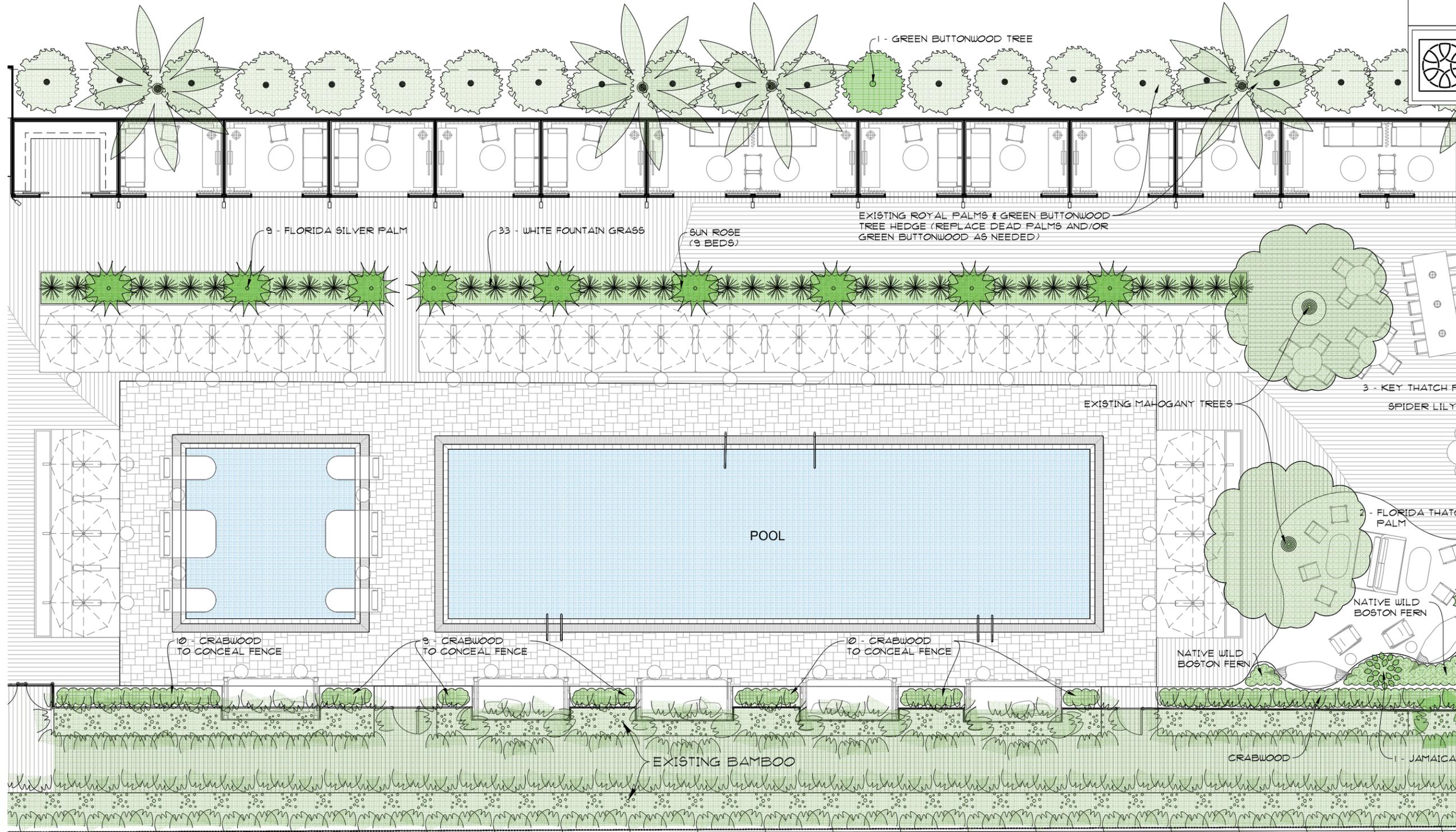
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**BARLUME SALON AREA**  
SCALE: 3/16" = 1'-0"

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SEAL

**LANDSCAPE POOL AREA**

**THE JAMES NAUTILUS**  
 1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

PROJECT NO:  
2309.00

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1/5/2025

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L-4

**PLANTING LEGEND**

	EXISTING TO REMAIN		TRANSPLANTED TREES / PALMS		NEW
--	--------------------	--	----------------------------	--	-----



**POOL AREA**  
 SCALE: 3/16" = 1'-0"

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CONCEPT PLANTING IMAGES



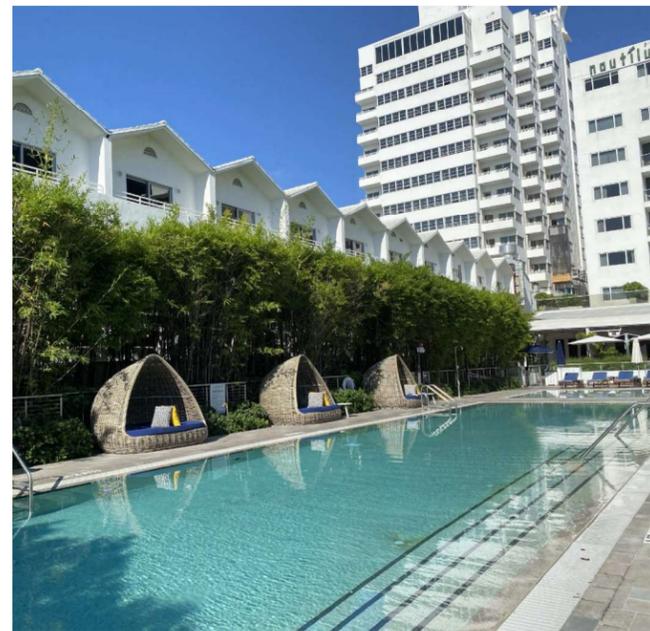
WHITE FOUNTAIN GRASS



FLORIDA SILVER PALM



SUN ROSE



BAMBOO SCREENING HEDGE



CRABWOOD SCREENING HEDGE



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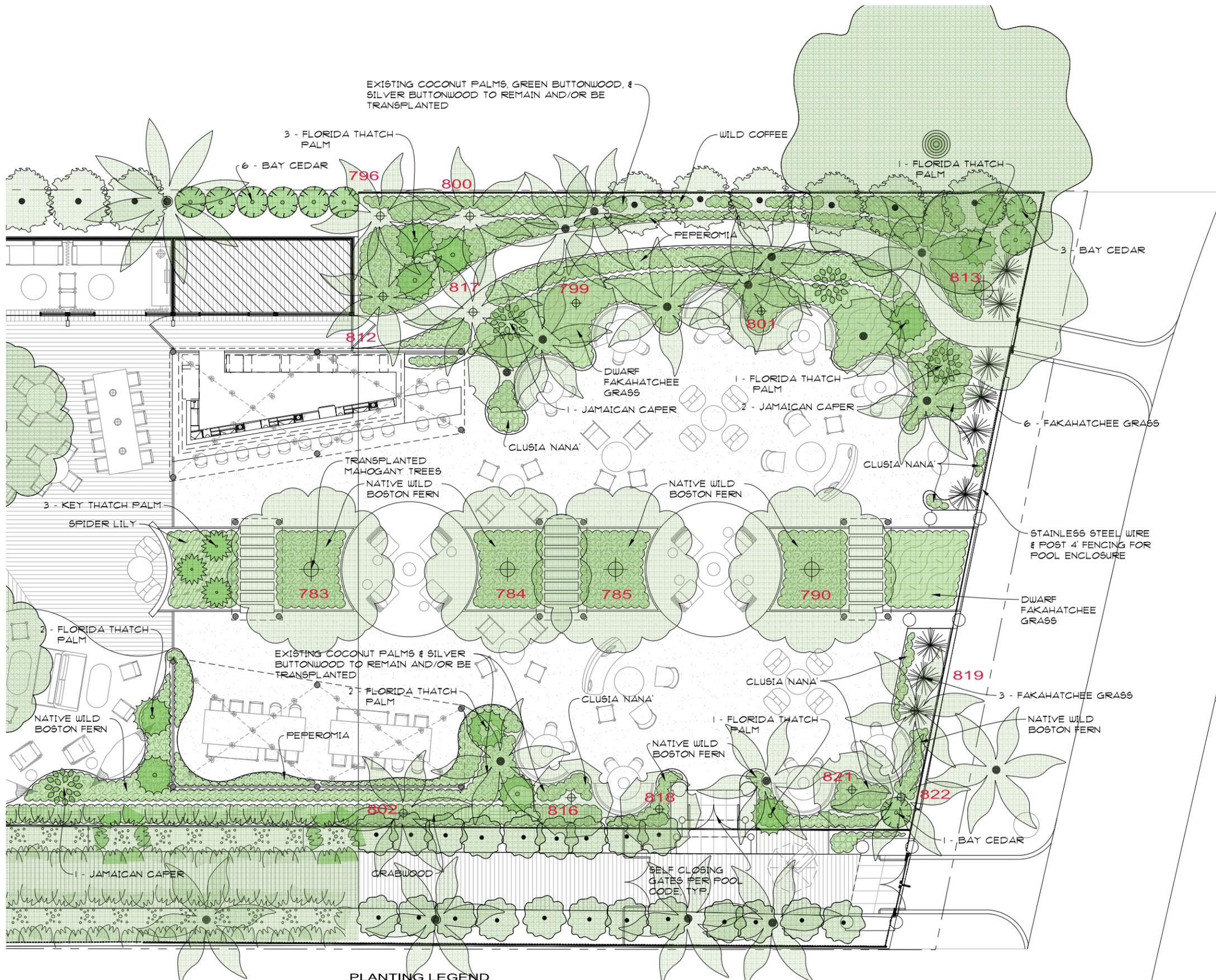
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**LANDSCAPE  
POOL AREA**

**THE JAMES NAUTILUS**  
 1825 COLLINS AVENUE MIAMI BEACH, FLORIDA 33139

PROJECT NO.  
2309.00  
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**L-4a**

**POOL AREA**



EXISTING COCONUT PALMS, GREEN BUTTWOOD, & SILVER BUTTWOOD TO REMAIN AND/OR BE TRANSPLANTED

3 - FLORIDA THATCH PALM  
6 - BAY CEDAR

WILD COFFEE

1 - FLORIDA THATCH PALM

3 - BAY CEDAR

DWARF FAKAHATCHEE GRASS  
1 - JAMAICAN CAPER

1 - FLORIDA THATCH PALM  
2 - JAMAICAN CAPER

6 - FAKAHATCHEE GRASS

TRANSPLANTED MAHOGANY TREES  
NATIVE WILD BOSTON FERN

NATIVE WILD BOSTON FERN

STAINLESS STEEL WIRE & POST 4' FENCING FOR POOL ENCLOSURE

DWARF FAKAHATCHEE GRASS

EXISTING COCONUT PALMS & SILVER BUTTWOOD TO REMAIN AND/OR BE TRANSPLANTED

2 - FLORIDA THATCH PALM

CLUSIA NANA

CLUSIA NANA

3 - FAKAHATCHEE GRASS

NATIVE WILD BOSTON FERN

NATIVE WILD BOSTON FERN

PEPEROMIA

CLUSIA NANA

NATIVE WILD BOSTON FERN

1 - FLORIDA THATCH PALM

821

822

1 - JAMAICAN CAPER

CRABWOOD

SELF CLOSING GATES PER POOL CODE TYP

1 - BAY CEDAR

PLANTING LEGEND



SEAL

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LANDSCAPE  
BARLUME BEACH & BOARDWALK

THE JAMES NAUTILUS  
1825 COLLINS AVENUE  
MIAMI BEACH, FLORIDA 33139

PROJECT NO.  
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BARLUME BEACH AREA & BOARDWALK AREA  
SCALE: 3/16" = 1'-0"

CONCEPT PLANTING IMAGES



FLORIDA THATCH PALM



FAKAHATCHEE GRASS



BAY CEDAR



NATIVE WILD BOSTON FERN



WILD COFFEE



KEY THATCH PALM



PEPEROMIA



DWARF FAKAHATCHEE GRASS



CLUSIA ROSEA NANA



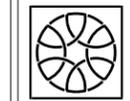
SPIDER LILY



CLIPPED MAHOGANY TREES



GRABWOOD SCREENING HEDGE



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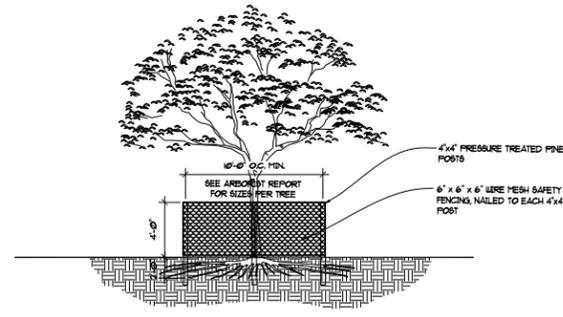
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LANDSCAPE  
BARLUME BEACH & BOARDWALK

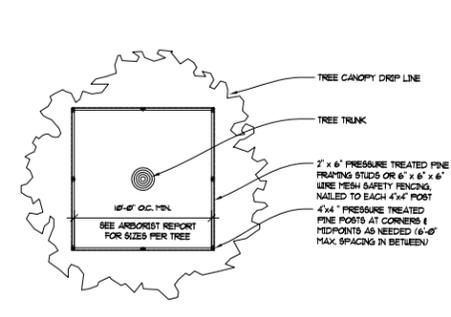
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BARLUME BEACH AREA & BOARDWALK AREA



**TREE BARRIER PROTECTION SECTION**  
NOT TO SCALE



**TREE BARRIER PROTECTION PLAN**  
NOT TO SCALE

**STRUCTURAL SOIL NOTES - TYPICAL**

**SMALL TREE CALCULATIONS**  
TO ACHIEVE 100 CU. FT. THE FOLLOWING AREAS WOULD BE REQUIRED:  
3' DEEP = 5.75' X 5.75' (33 S.F.)  
2.5' DEEP = 6.3' X 6.3' (40 S.F.)  
2' DEEP = 7.0' X 7.0' (50 S.F.)

**MEDIUM TREE CALCULATIONS**  
TO ACHIEVE 308 CU. FT. THE FOLLOWING AREAS WOULD BE REQUIRED:  
3' DEEP = 10.15' X 10.15' (103 S.F.)  
2.5' DEEP = 11.0' X 11.0' (121 S.F.)  
2' DEEP = 12.5' X 12.5' (156 S.F.)

**LARGE TREE CALCULATIONS**  
TO ACHIEVE 1412 CU. FT. THE FOLLOWING AREAS WOULD BE REQUIRED:  
3' DEEP = 21.60' X 21.60' (470 S.F.)  
2.5' DEEP = 23.75' X 23.75' (564 S.F.)  
2' DEEP = 26.50' X 26.50' (706 S.F.)

\* - square footage required per designated soil depth, adjust for rectangle and free form areas accordingly.

**CU-STRUCTURAL SOIL CALCULATION METHOD (BY CORNELL UNIVERSITY)**  
FOR A MEDIUM CANOPY TREES (TABEUA, SIMPSON STOPPER, ETC.) ASSUME 14" SPREAD = 7 RADII. (7' X 7' X 3.14 = 154 SQ. FT. OF CANOPY) 154 SQ. FT. X 2 = 308 CUBIC FEET OF COMBINED STRUCTURAL AND NATURAL SOIL REQUIRED.

**EXAMPLE FOR MEDIUM CANOPY TREES:**  
A TOTAL OF 308 CUBIC FEET OF SOIL IS REQUIRED DIVIDED BY 3 FEET OF REQUIRED DEPTH OF SOIL = 103 SURFACE SQ. FT. OF ROOT SPACE. IF 25 SQ. FT. OF AREA IS AVAILABLE IN AN OPEN BED (5'X5' TREE GRATE, FOR INSTANCE) THEN 78 SQ. FT. OF STRUCTURAL SOIL AREA IS REQUIRED UNDER ADJACENT PAVEMENT AREAS.

THIS EQUATES TO 2.7 CUBIC YARDS OF PLANTING SOIL (25 X 3 = 75/27 = 2.7 CU. YDS) AND 8.7 CUBIC YARDS OF STRUCTURAL SOIL (78 X 3 = 234/27 = 8.7 CU. YDS) FOR THIS TYPE OF INSTALLATION. (ENTIRE PLANTING SOIL MAY BE STRUCTURAL SOIL)

**NOTE: LANDSCAPE CONTRACTOR TO ATTAIN CU-STRUCTURAL INSTALLATION SPECIFICATIONS, FROM ATLAS FEAT & SOIL. ATLAS FEAT & SOIL, INC. 9621 S.R. # 7, BOYNTON BEACH, FL 33472. PHONE: 561-734-7300**

**CU-STRUCTURAL SOIL STORAGE PROCEDURE & REQUIREMENTS:**  
DELIVERED CU-STRUCTURAL SOIL SHOULD NOT BE PLACED IN FROZEN, WET, OR MUDDY SITES. PROTECT CU-STRUCTURAL SOIL FROM EXPOSURE TO EXCESS WATER AND FROM EROSION AT ALL TIMES. DO NOT STORE UNPROTECTED. PROTECT CU-SOIL DURING DELAYS OF CONSTRUCTION WITH PLASTIC OR PLYWOOD AS DIRECTED BY ENGINEER OR LANDSCAPE ARCHITECT. DO NOT ALLOW EXCESS WATER TO ENTER SITE PRIOR TO COMPACTION. IF WATER IS INTRODUCED INTO CU-SOIL, FLYER GRADING, ALLOW WATER TO DRAIN TO OPTIMUM COMPACTION MOISTURE CONTENT.

**CU-STRUCTURAL INSTALLATION REQUIREMENTS:**  
INSTALL CU-STRUCTURAL SOIL IN 6" LIFTS AND COMPACT EACH LIFT. COMPACT ALL MATERIALS TO AT LEAST 95 % PROCTOR DENSITY FROM A STANDARD COMPACTION CURVE, ASTM 199 (ASTM 698).

**TREE ROOT BARRIERS:**  
INSTALL CONTINUOUS TREE ROOT BARRIERS TO THE FULL STRUCTURAL SOIL DEPTH, AS NEEDED TO KEEP FUTURE ROOT GROWTH FROM DAMAGING THE ADJACENT HARDSCAPES. USE DEEPROOF BRAND OR APPROVED EQUAL. SEE MANUFACTURERS SPECS FOR INSTALLATION GUIDELINES.

**TREE ROOT BARRIERS**

**NOTE:**  
IN MOST CASES TRIANGULAR SPACING IS PREFERRED. USE SQUARE SPACING ONLY IN SMALL RECTILINEAR AREAS.

PLANT SPACING	ROW SPACING
12"	10.4"
18"	15.6"
24"	20.8"
30"	26.0"
36"	31.2"
48"	41.6"
60"	52.0"

**TYPICAL PLANT SPACING**

**SQUARE SPACING PLAN**

**TRIANGULAR SPACING PLAN**

**TYPICAL PLANT LOCATIONS**

**EXCAVATE PLANTING BED AS A WHOLE**

**GROUND COVER PLANTING DETAIL**

**NOT TO SCALE**

**NEW TREE - 1 YEAR MAINTENANCE PLAN**

- **WATER:**  
ALL NEW TREES TO BE ON AN AUTOMATED IRRIGATION SYSTEM WITH A RAIN SENSOR.  
1ST MONTH - WATER EVERYDAY.  
2ND THROUGH 6TH MONTHS - EVERY OTHER DAY.  
7TH THROUGH COMPLETE YEAR - 2 TIMES A WEEK.  
ADJUST IRRIGATION DURATION TIMES TO ENSURE THAT TREE'S ROOT BALL IS COMPLETELY SATURATED WITH WATER. IRRIGATION WATER FREQUENCY AND DURATIONS MAY VARY DUE TO TIME OF YEAR AND CLIMATE CONDITIONS.
- **FERTILIZER:**  
USE A "SPECIAL" FERTILIZER, 8-2-12, FROM ATLANTIC FERTILIZER, 1 LBS. PER INCH CALIPER OF TREE EVERY 3 MONTHS.
- **MULCH:**  
INSPECT AND REPLACE MULCH AFTER 6 MONTHS WITH APPROVED EUCALYPTUS OR MELALEUCA MULCH ONLY.  
NO RED COLORED OR CYPRESS MULCH TO BE USED.
- **STAKING & BRACING:**  
PRUNE ONLY CRITICAL BRANCHES (DEAD OR BROKEN).  
STAKING AND BRACING.  
REMOVE ALL TREE TIES AND STAKING AND ADJUST AS NEEDED. REMOVE ANY STAKING MATERIAL THAT IS IN CONTACT WITH TREE AFTER A PERIOD OF NO MORE THAN 6 MONTHS AFTER INITIAL PLANTING AS THE TREE SHOULD BE WELL ESTABLISHED BY THEN.
- **MAINTENANCE:**  
ALL NEWLY INSTALLED PLANTING MATERIAL WILL BE MAINTAINED IN A CONDITION THAT MEETS OR EXCEEDS FLORIDA GRADE #1 AND HAS A (1) YEAR REPLACEMENT GUARANTEE.

**PLANTING SPECIFICATIONS AND WARRANTIES**

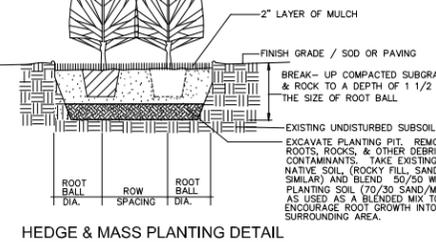
- The demolition of existing plant material must be marked with spray paint by Landscape Architect (L.A.)
- All trees and palms to be laid out by Landscape contractor in the field with stakes and spray paint. To be reviewed and approved by (L.A.)
- Plant list is for information only. If there are any discrepancies between "plant quantities" on plan versus "plant list", the plans will take priority. Notify L.A. of any discrepancies prior to planting.
- Only unit price installed planting bids based on Landscape Architect's planting plan and Plant List will be accepted. Owner retains the right to remove portions of the work from the contract and / or create separate contracts for planting of the project. Landscape Architect reserves the right to deny any and all bids when such rejections are in the best interest of the owner.
- All plant material must be Florida #1 or better, unless specified as "character" or with written approval from L.A.
- Landscape contractor to submit planting product and / or sample substrate for L.A. approval prior to purchasing. Submittals to include nursery source & photographs with material type and / or person standing next to plant material for scale reference.
- All planting beds must be free of surface rock over 1/2" diameter, prior to mulching.
- Landscape contractor should receive 12" of "Geomatic Mix" planting soil, 8" minimum if subgrade soils are of good quality and a thinner profile is approved by the L.A. in advance.
- Planting soil specification: "Geomatic General Planting Mix" (20% Florida Peat, 10% AtlasGrow, 20% Coarse Sand, 20% 6" Band, and 30% Rice Rock, and 2% Marl). Landscape contractor to submit sample to be approved by L.A. - Found at ATLAS Peat & Soil, Inc. 96-734-7300
- Roof-top soil specification: "Geomatic Roof-top Mix" (25% Coarse Ortona Sand, 25% Medium AP5 Sand, 20% Pinebark, 20% FLA Peat, 8% Rice Rock, and 2% Marl). Landscape contractor to submit sample to be approved by L.A. - Found at ATLAS Peat & Soil, Inc. 96-734-7300
- Fertilize all plants with Osmocote "Sierra Blend" 18-7-10 1/2 hand full for 1 - 3 gallons, 1 hand full for 7-20 gallon, and 4 hand full for ball and bur-lapped (B & B) material.
- Fertilize all B & B material with or equal.
- Mulch all landscape areas with 2-1/2" 3" of Eucalyptus or Melaleuca mulch (No cypress or red color mulch)
- All sod areas laid with St. Augustine Palmetto to be hand raked prior to installing the sod.
- All sod areas to be top dressed with 2" of 10/30 Coarse Construction Sand / Florida Peat - prior to sodding.
- Landscape contractor to submit sample to be approved by L.A. in advance.
- All Plant material, excluding Sod, to be warranted from date of acceptance, as follows: Shrubs and Groundcovers for 90 days, Large shrubs (over 10 gal.) and Small palms for 360 days, and B&B material for 360 days provided that plant material maintenance prescribed by Landscape contractor.
- Notes: Acts of God (Hurricanes) and other causes beyond the control of the Landscape contractor are not covered.
- All warranties to run concurrently, beginning upon Landscape architect's final acceptance of the installation, unless owner or general contractor (G.C.) requires construction phasing beyond control of the installer.
- Installer to notify Owner, G.C. and / or L.A. of any partial completion due to phasing.
- All materials stored on site are the property of the installer until accepted by owner. Owner is not responsible for theft, unless notified in writing prior to installation and security arrangement agreed to.
- Watering is the responsibility of the installer during the installation and until final acceptance.
- Landscape contractor is responsible for coordinating their work with Irrigation contractor.
- Landscape contractor is responsible to assure irrigation installation is properly progressing, and in the end adequate for good growth. The owner or G.C. must be notified in writing of any problems with irrigation phasing or performance.
- Any existing irrigation to be brought to a good functioning standard to ensure proper watering of new material. Modify and repair as needed, to adapt to renovated plantings. Verify compliance with rain sensor & vacuum breaker.
- All landscape areas must be on an automatic irrigation system from time of installation with 100% coverage and 100% overlaps, with rain sensors per city codes.
- Landscape contractor to exercise extreme care when digging and performing other work so not to damage any existing work such as underground and overhead utilities (fire, gas, electrical, gas, sewer, irrigation, & plumbing). In the event of planting conflicts the L.A. or Owner's authorized representative to be notified to provide alternate locations of planting or utility / obstruction conflicts. ALLWAYS call SUNSHINE-811 before any underground excavation.
- Landscape contractor is responsible for immediate repair of any damage caused by their installation. Landscape contractor is responsible for working with the general contractor to assure that all cementitious contents and other construction debris are removed from all soils.
- In planting beds, particularly by burlap, Landscape contractor to excavate existing soils to a minimum depth of 12" and backfill with 1/2" of planting soil. In sod areas, Landscape contractor to de-compact soil with backhoe teeth to a depth of 6" and add 2" min. of top soil for sodding.
- All circular pits to be excavated with vertical sides for all plants, except for hedges & planting beds. The diameter of these pits for trees and shrubs to be 1/3 larger than the diameter of the root ball.
- All tree pits to have the soil removed in the amount of 1/3 larger than the root ball of the tree and replaced with approved specified soil.
- All Palm trees (Palm) to have the soil removed in the amount of 1/3 larger than the root ball of the palm and replaced with clean yellow sand.
- All Tree & Palm pits to be excavated with a backhoe only. Absolutely no use of augers.
- All cypress or fill sand left over from filling building pads or other construction - must be removed from landscape areas due to its very poor drainage characteristics.
- All trenches from electrical, gas, water, irrigation or any other utilities - must be back-filled with coarse sand or larger aggregate - No cyclone or fill sand with 36" of surface grade.

**ROOT PRUNE & TRANSPLANTING SPECIFICATIONS**

- Root prune 50% of tree's root ball to a minimum depth of 36" - 48" as feasible. Root prune remaining 50% of root ball in +/- 30 days. Allow ample root regeneration for a total of 2 months minimum prior to transplanting as feasible.
- Trim all cut frayed roots with clippers leaving clean cuts. Use "Baumal" or chainsaw with sharp blades for cutting large roots leaving no unpruned root ends.
- Wrap root balls with shrink wrap plastic & backfill with soil mixture: (70% lake Wales silica sand & 30% Florida peat moss). Fill & pack tightly any remaining voids between plastic & root ball covering all cut roots with soil mixture.
- Backfill the outside areas of root prune trench with existing soil to root of plastic firmly against newly wrapped root ball. Stake & mark out the excavation trench to be able to locate wrapped root ball to minimize any disturbance when harvesting for transplanting.
- Water three times per week for next 2 months or until trees are ready to move.
- Water daily for duration of overall job will be required. Having Irrigation bubblers as part of automatic irrigation system for post construction can supplement additional watering, but are not a substitution.
- Use root stimulant root dressing solution on trees root pruned areas, ("Superthrive" & "Kelplex Polystart"), mixture per manufacturers specifications based on application frequency.
- Root prune dressing schedule: every 2-3 weeks, 3 applications.
- Harvest trees 8 to 10 weeks depending on size, consult with L.A. prior to moving on schedule.
- Re-dig holes well outside the plastic plant wrap being careful not to disturb or tear, preserving root ball, re-wrap if needed for transplanting.
- In digging trees, break off large piece of existing coral rock +/- 36" deep as feasible, by under cutting ball. Do not peel ball off rock. If necessary, the horizontal chipping or drilling may be required to break off specimen oak tree's root ball at a minimum 36" depth.
- Replant transplanted trees and palms at correct height in new location, keeping original root ball crown exposed.
- Properly wrap and strap trees and palms to lifting equipment in such a way as to not tear cambium layer and excessively damage appearance.
- Trees that are not properly lifted and die due to gridding, compression or excessive damage to the cambium layer will be charged to the G.C. and sub-contractor at a rate of \$100 per caliper inch.
- Replant plastic, burlap with 50% existing soil blended with 50% planting soil plus 1/2 bale of Canadian peat moss. Backfill, sink, place in agriform fertilizer tablets per recommendations, brace, and trim broken branches and fronds as needed, brace per specification.
- All Transplanted trees to have tree barrier protection installed prior to new development construction commencement.
- See Mitigation / Planting Plan for all trees transplanted locations and tree mitigation requirements.

**HEDGE & MASS PLANTING DETAIL**

**NOT TO SCALE**



**NOT TO SCALE**

**FERTILIZE AS PER SPECS.**

FORM SAUCER WITH 3" CONTINUOUS RIM IF APPLICABLE

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

DIG OUT / DECOMPACT EXISTING SOIL TO ENSURE PROPER DRAINAGE. UNDERNEATH ROOT BALL, FRACTURE CORAL ROCK TO ENCOURAGE DEEP ROOTING. BLEND IN SOME PLANTING SOIL INTO EXISTING SUB GRADE AS FEASIBLE. EXCAVATE, MIX AND RETURN TO BOTTOM OF HOLE.

**SHRUB PLANTING DETAIL**  
NOT TO SCALE

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONTINUOUS RIM**

**FERTILIZE AS PER SPECS.**

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

DIG OUT / DECOMPACT EXISTING SOIL TO ENSURE PROPER DRAINAGE. UNDERNEATH ROOT BALL, FRACTURE CORAL ROCK TO ENCOURAGE DEEP ROOTING. BLEND IN SOME PLANTING SOIL INTO EXISTING SUB GRADE AS FEASIBLE.

**NOT TO SCALE**

**MULTI-TRUNK TREE STAKING**

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONT. RIM**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**3 2"x4"x24" P.T. WOOD STAKES 6" ABOVE GROUND**

**PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

**DIG OUT / DECOMPACT EXISTING SOIL TO ENSURE PROPER DRAINAGE. UNDERNEATH ROOT BALL, FRACTURE CORAL ROCK TO ENCOURAGE DEEP ROOTING. BLEND IN SOME PLANTING SOIL INTO EXISTING SUB GRADE AS FEASIBLE.**

**NOT TO SCALE**

**TREE PLANTING - VERTICAL STAKES**

**NOT TO SCALE**

**3 EQUALLY SPACED NOTCHED P.T. WOOD STAKES DRIVEN (MIN. 18") FIRMLY INTO SUBGRADE PRIOR TO BACKFILLING**

**STAKE ABOVE FIRST BRANCHES OR AS NECESSARY FOR FIRM SUPPORT**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

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**NOT TO SCALE**

**FERTILIZE AS PER SPECS.**

FORM SAUCER WITH 3" CONTINUOUS RIM IF APPLICABLE

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

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**SHRUB PLANTING DETAIL**  
NOT TO SCALE

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONTINUOUS RIM**

**FERTILIZE AS PER SPECS.**

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

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**NOT TO SCALE**

**TREE PLANTING - GUY WIRES or WELLINGTON TAPE**

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONT. RIM**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**3 2"x4"x24" P.T. WOOD STAKES 6" ABOVE GROUND**

**PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

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**NOT TO SCALE**

**TREE BRACING DETAIL**

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONT. RIM**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

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**NOT TO SCALE**

**FERTILIZE AS PER SPECS.**

FORM SAUCER WITH 3" CONTINUOUS RIM IF APPLICABLE

EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.

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**SHRUB PLANTING DETAIL**  
NOT TO SCALE

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONTINUOUS RIM**

**FERTILIZE AS PER SPECS.**

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**NOT TO SCALE**

**TREE PLANTING - GUY WIRES or WELLINGTON TAPE**

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONT. RIM**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**3 2"x4"x24" P.T. WOOD STAKES 6" ABOVE GROUND**

**PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

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**NOT TO SCALE**

**TREE BRACING DETAIL**

**NOT TO SCALE**

**2" MULCH**

**FORM SAUCER WITH 3" CONT. RIM**

**FERTILIZER TABLET REFER TO SPEC FOR REQUIRED QUANTITY**

**EXCAVATE PLANTING PIT. REMOVE ROOTS, ROCKS, & OTHER DEBRIS & CONTAMINANTS. TAKE EXISTING NATIVE SOIL, (ROCKY FILL, SAND OR SIMILAR) AND BLEND 50/50 WITH PLANTING SOIL (70/30 SAND/MUCK) AS USED AS A BLENDED MIX TO ENCOURAGE ROOT GROWTH INTO SURROUNDING AREA.**

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**NOT TO SCALE**

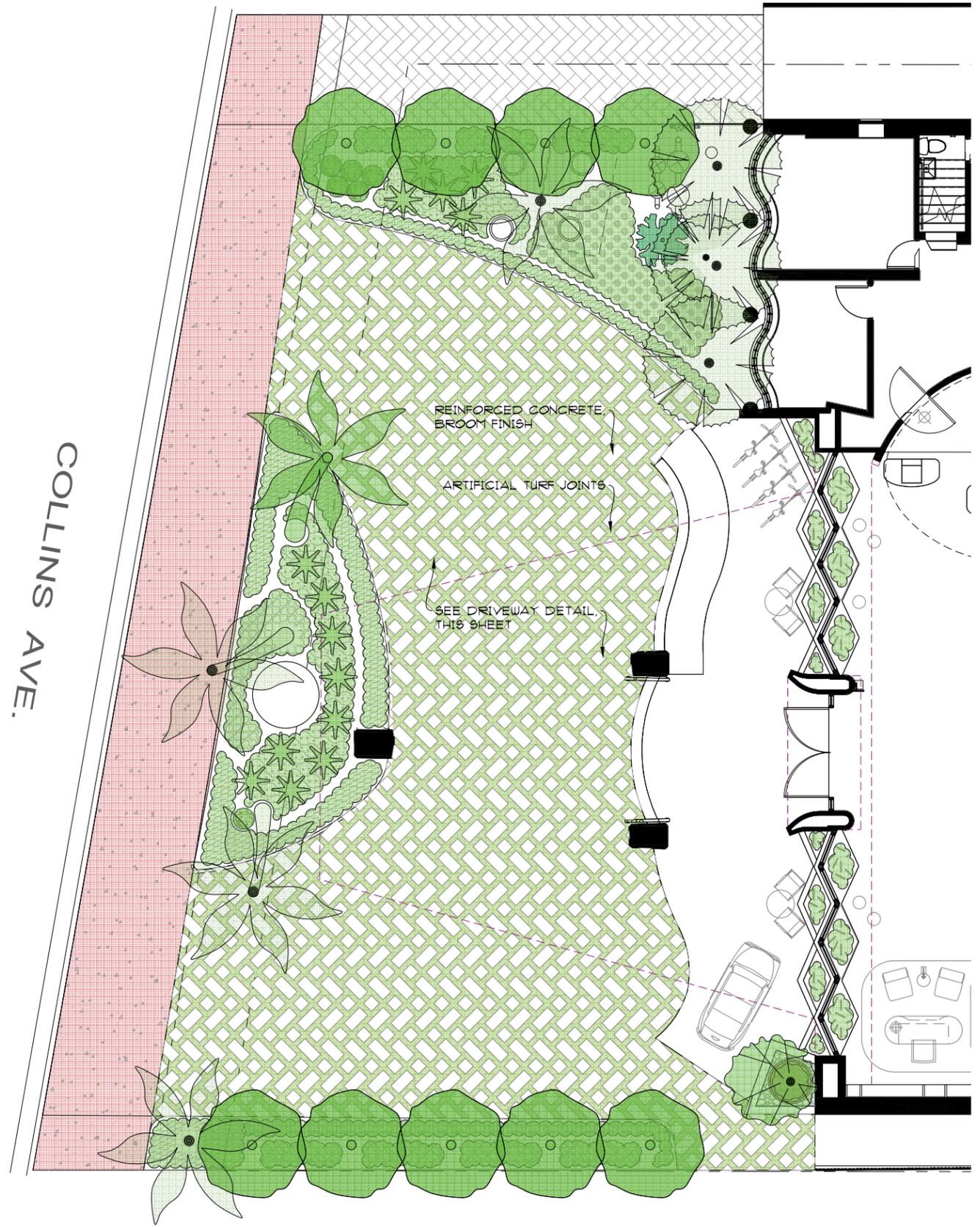
**FERTILIZE AS PER SPECS.**

FORM SAUCER WITH 3" CONTINUOUS RIM IF APPLICABLE

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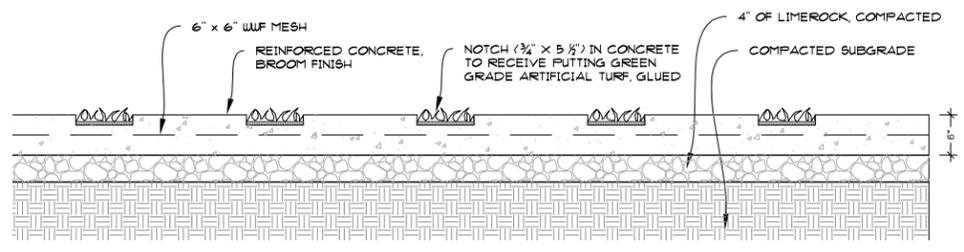
**SHRUB PLANTING DETAIL**  
NOT TO SCALE



**ARRIVAL AREA - HARDSCAPE**  
SCALE: 3/16" = 1'-0"



ARTIFICIAL TURF JOINTS CONCEPT IMAGE



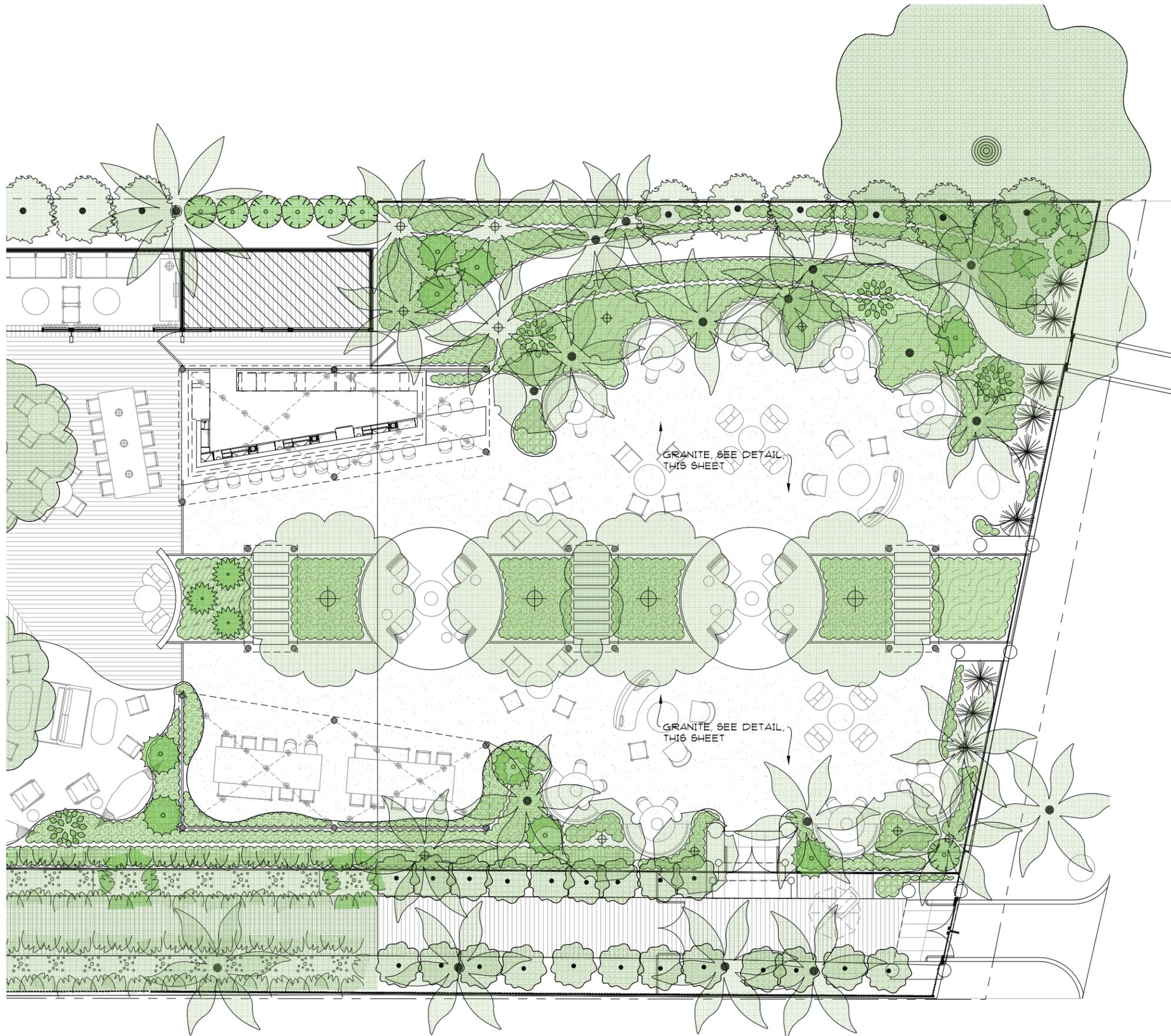
**DRIVEWAY DETAIL SECTION**  
SCALE: 1" = 1'-0"

**GEOMANTIC  
DESIGNS, INC.**  
LANDSCAPE ARCHITECTURE  
ROBERT PARSLEY A.S.L.A.  
2112 GALLANI STREET - 2ND FLOOR  
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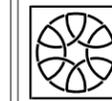
<b>LANDSCAPE</b>	
<b>ARRIVAL AREA - HARDSCAPE</b>	
<b>PROJECT TITLE</b>	<b>THE JAMES NAUTILUS</b>
<b>PROJECT NO.</b>	<b>1825 COLLINS AVENUE</b>
<b>REVISION DATE(S)</b>	<b>MIAMI BEACH, FLORIDA 33139</b>
<b>DATE</b>	<b>1/5/2025</b>
<b>HPB</b>	
<b>11-1</b>	



0' 8' 16' 24'

**BARLUME BEACH AREA - HARDSCAPE**

SCALE: 3/16" = 1'-0"



**GEOMANTIC  
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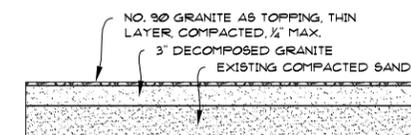
SEAL



DECOMPOSED GRANITE



NO. 90 GRANITE



NO. 90 GRANITE AS TOPPING, THIN LAYER COMPACTED, 1/4" MAX.  
3" DECOMPOSED GRANITE  
EXISTING COMPACTED SAND

**DETAIL SECTION**

SCALE: 1" = 1'-0"

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**LANDSCAPE**  
**BARLUME BEACH - HARDSCAPE**

**THE JAMES NAUTILUS**  
1825 COLLINS AVENUE  
MIAMI BEACH, FLORIDA 33139

PROJECT NO.  
2309.00

REVISION DATE(S)

DATE  
1/5/2025

HPB  
LT-2