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**LANDSCAPE DRAWINGS**

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**SCOPE OF WORK**

THE FOLLOWING DRAWINGS ILLUSTRATE THE PROPOSED SCOPE OF WORK FOR 2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140, TO BE PERMITTED BY **MIAMI BEACH MUNICIPALITY**

- NEW HARDSCAPE AND LANDSCAPE DESIGN

**LOCATION MAP**



**ARCHITECT**

**TSAO Design Group**  
7636 NE 4th COURT  
SUITE 101  
MIAMI, FL 33138  
305.576.2006

**LANDSCAPE ARCHITECT**

**LAND**  
7294 NW 1st COURT  
MIAMI, FL 33150  
614.439.4895

COVER PAGE

**2464 PRAIRIE AVE RESIDENCE**

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



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marsh c kriplen  
Date: 2021.07.05  
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## SITWORK GENERAL NOTES

- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK BY THE SUBCONTRACTORS.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT AND GENERAL CONTRACTOR OF DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING ANY WORK.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION. ALL CONTRACTORS MUST COMPLY WITH PERMIT REQUIREMENTS, LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES RULES AND REGULATIONS AND LAND USE APPROVAL CONDITIONS AT ALL TIMES.
- WORK PERFORMED WITHOUT APPROVAL OF LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES AND/OR NOT IN COMPLIANCE WITH SPECIFICATIONS AND/OR DRAWINGS IS SUBJECT TO REMOVAL AT CONTRACTOR'S EXPENSE.
- ALL WORK SHALL CONFORM TO THE APPROPRIATE AGENCIES. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES, LINES AND STRUCTURES PRIOR TO EXCAVATION OR TRENCHING. DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR EXISTING GAS AND ELECTRICAL LINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING ALL LAND MONUMENTS DISRUPTED BY CONSTRUCTION ACTIVITIES OR NEGLIGENCE ON THE PART OF THE CONTRACTOR. RESETS SHALL BE PERFORMED UNDER THE SUPERVISION OF A REGISTERED LAND SURVEYOR AND MONUMENT RECORDS MUST BE FILED AS REQUIRED BY STATUTE FOR ALL MONUMENTS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS AND STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE LANDSCAPE ARCHITECT AT THE CONTRACTOR'S EXPENSE.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES STANDARDS. PROVIDE ADEQUATE TIME FOR REVIEW AND APPROVAL BY THE ABOVE JURISDICTIONS PRIOR TO COMMENCEMENT.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES UTILIZED OR FOR SAFETY PRECAUTIONS OR PROBLEMS IN CONNECTION WITH THE WORK. THE LANDSCAPE ARCHITECT WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACT DOCUMENTS INCLUDE THE CONSTRUCTION DOCUMENT DRAWING SET/TECHNICAL SPECIFICATIONS MANUAL/LASIS.
- CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF ANY DISCREPANCIES, GRAPHICALLY SHOWN MATERIAL QUANTITIES SHALL TAKE PRECEDENCE.
- A SYSTEM OF DIAGRAMMATIC SYMBOLS, HATCHES AND NOTATIONS IS USED IN THESE DRAWINGS. REVIEW NOTATIONS CAREFULLY, NOTIFY LANDSCAPE ARCHITECT AND REQUEST CLARIFICATION OF ANY UNCLEAR NOTATION OR DISCREPANCY PRIOR TO COMMENCING WORK.

- PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES. IRRIGATION AND ELECTRICAL SLEEVES AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE CONSTRUCTED PRIOR TO PAVING AND LANDSCAPE WORK. UTILITY SLEEVES ARE REQUIRED IN ALL PLANT BEDS ISOLATED BY PAVEMENT OR ANY OTHER STRUCTURES.
- SPECIAL CONSIDERATION IS GIVEN TO THE DESIGN AND INTENDED RELATIONSHIP BETWEEN ARCHITECTURE, PLANTING AREAS AND PAVING SYSTEMS. PAVEMENT JOINTING, PAVERS, STONE, FINISHES AND GRADES HAVE BEEN STRICTLY COORDINATED IN THE CONTRACT DOCUMENTS. CONSTRUCTION OF THESE SYSTEMS SHALL BE STRICTLY COORDINATED.
- VEHICLES, EQUIPMENT, AND/OR MATERIALS SHALL NOT BE PARKED OR STORED IN AREAS OF EXISTING VEGETATION, INCLUDING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN.
- CONSTRUCTION WASTE-INCLUDING BUT NOT LIMITED TO: PLANT MATERIAL, BUILDING MATERIALS, DEMOLISHED MATERIALS, PACKAGING, LEFTOVER PAINT AND CONCRETE SLURRY-SHOULD BE PROPERLY REUSED, RECYCLED, DISPOSED OF LEGALLY OFF-SITE OR IN DESIGNATED WASH-OUT AREAS DETERMINED BY THE GENERAL CONTRACTOR.
- RECYCLING AND TRASH BINS TO BE PROVIDED ON SITE. SEPARATE BINS FOR CARDBOARD, CO-MINGLED, AND OTHER RECYCLABLE/REUSABLE MATERIALS IDENTIFIED BY THE LOCAL JURISDICTION SHALL BE MAINTAINED. ALL BINS TO BE WILDLIFE-PROOF.
- ON-SITE FUEL STORAGE FOR CONSTRUCTION EQUIPMENT IS DISCOURAGED. CONSTRUCTION EQUIPMENT USED ON SITE TO BE CHECKED REGULARLY TO ASSURE CONTAMINATION CONCERNS FROM OILS AND GREASES ARE ELIMINATED. NO TOXIC MATERIALS SHALL BE STORED ON-SITE.
- GENERAL CONTRACTOR TO KEEP ALL ITEMS IMPLEMENTED BY LANDSCAPE ARCHITECT IN PROPER WORKING ORDER THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONSTRUCTION SITE TO BE INSPECTED ON A MONTHLY BASIS BY LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER TO ASSURE THAT THE SILT FENCE AND MUD TRACKING PAD ARE PROPERLY IN PLACE AND FUNCTIONING AS DESIGNED.
- GREEN BUILDING PRACTICES SHALL BE EMPLOYED TO THE EXTENT FEASIBLE. SUCH PRACTICES INCLUDE: CARPOOLING/VANPOOLING TO JOB SITE, MINIMIZING MATERIALS PACKING BEFORE ARRIVAL TO JOB SITE, REDUCING MATERIAL/RESOURCE INEFFICIENCIES BY COORDINATING WORK.
- THE PROJECT LIMIT OF CONSTRUCTION AND ALL EXISTING VEGETATION TO REMAIN IS TO BE CLEARLY DEFINED BY STURDY, WEATHERPROOF FENCING AT A MINIMUM OF FOUR (4) FEET HIGH.
- WATERPROOFING OF SUBGRADE AND OTHER ARCHITECTURAL SPACES BELOW AND/OR ADJACENT TO IMPROVEMENTS DESIGNED BY THE LANDSCAPE ARCHITECT IS TO BE ADEQUATELY DESIGNED AND DETAILED BY OTHERS TO PERMANENTLY REPEL ALL WATER SOURCES INCLUDING, BUT NOT LIMITED TO: PRECIPITATION, STORM WATER RUNOFF, GROUND WATER, IRRIGATION, ROOF RUNOFF, GROUND WATER, AND PLUMBING LEAKS.
- STRUCTURAL DESIGN TO SUPPORT IMPROVEMENTS DESIGNED BY THE LANDSCAPE ARCHITECT AND LOCATED ABOVE, BELOW, AND/OR ADJACENT TO SUBGRADE AND OTHER ARCHITECTURAL SPACES IS THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. THE STRUCTURAL DESIGN SHOULD BE ADEQUATELY DESIGNED TO SUPPORT ALL POSSIBLE LOADS INCLUDING, BUT NOT LIMITED TO: BACKFILL, COMPACTION, PLANTINGS, HARDSCAPES, RETAINING AND FREESTANDING SITE WALLS, AND CONSTRUCTION MATERIALS/EQUIPMENT/ACTIVITY.

## SOIL EROSION CONTROL NOTES

- PRIOR TO BEGINNING ANY EARTH CHANGE, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL SESC MEASURES AS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED BY ANY GOVERNING AGENCIES.
- ALL SESC MEASURES TO BE MAINTAINED DAILY.
- THE CONTRACTOR TO CONDUCT ALL EXCAVATION, FILLING, GRADING, AND CLEANUP OPERATIONS IN A MANNER SUCH THAT SEDIMENT, GENERATED BY WIND OR WATER IS NOT DISCHARGED INTO ANY STORM SEWER, DRAINAGE DITCH, RIVER, LAKE, AIR, OR UNDERGROUND UTILITY SYSTEM. STAGE WORK TO MINIMIZE THE AREA OF EXPOSED SOIL, THEREBY REDUCING THE OPPORTUNITY FOR SOIL EROSION.
- WATER FROM TRENCHES AND OTHER EXCAVATION TO BE PUMPED INTO A FILTRATION BAG TO REMOVE SEDIMENTS FROM THE WATER.
- NORTH AMERICAN GREEN SC-150 OR EQUIVALENT EROSION CONTROL FABRIC IS REQUIRED ON ALL DISTURBED SLOPES GREATER THAN 3:1 UNTIL PROJECT AREA IS REVEGETATED PER THE PLANTING PLAN.
- PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
- CONTRACTOR TO PROVIDE ONSITE WATERING TO REDUCE FUGITIVE DUST LEAVING THE SITE DURING CONSTRUCTION.
- SOIL EROSION CONTROL MEASURES TO BE PROVIDED FOR ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS.
- CONSTRUCTION STAGING AND PHASING SHALL OCCUR, WHERE APPLICABLE, TO MINIMIZE SOIL DISTURBANCE TIME.
- BEST MANAGEMENT PRACTICES (BMPs) SHALL BE ADJUSTED AS NEEDED TO MEET ANY OTHER UNFORESEEN CONDITIONS.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING A MUD TRACKING PAD/WASHING PAD AT THE CONSTRUCTION ENTRANCES TO MINIMIZE MUD DETACHMENT FROM TRUCK TIRES. 1-1/2 INCH SCREENED ROCK TO BE PLACED ON MIRAFI 140-N FILTER FABRIC. ADDITIONAL CLEAN GRAVEL TO BE ADDED THROUGHOUT THE DURATION OF CONSTRUCTION AS NEEDED.
- CONTRACTOR SHALL ABIDE BY THE LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES CONSTRUCTION MANAGEMENT PLAN REQUIREMENTS.
- RESEED AS INDICATED IN SEEDING NOTES.



Know what's below.  
Call before you dig.

GENERAL SITE NOTES

2464 PRAIRIE AVE RESIDENCE

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



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www.land.design



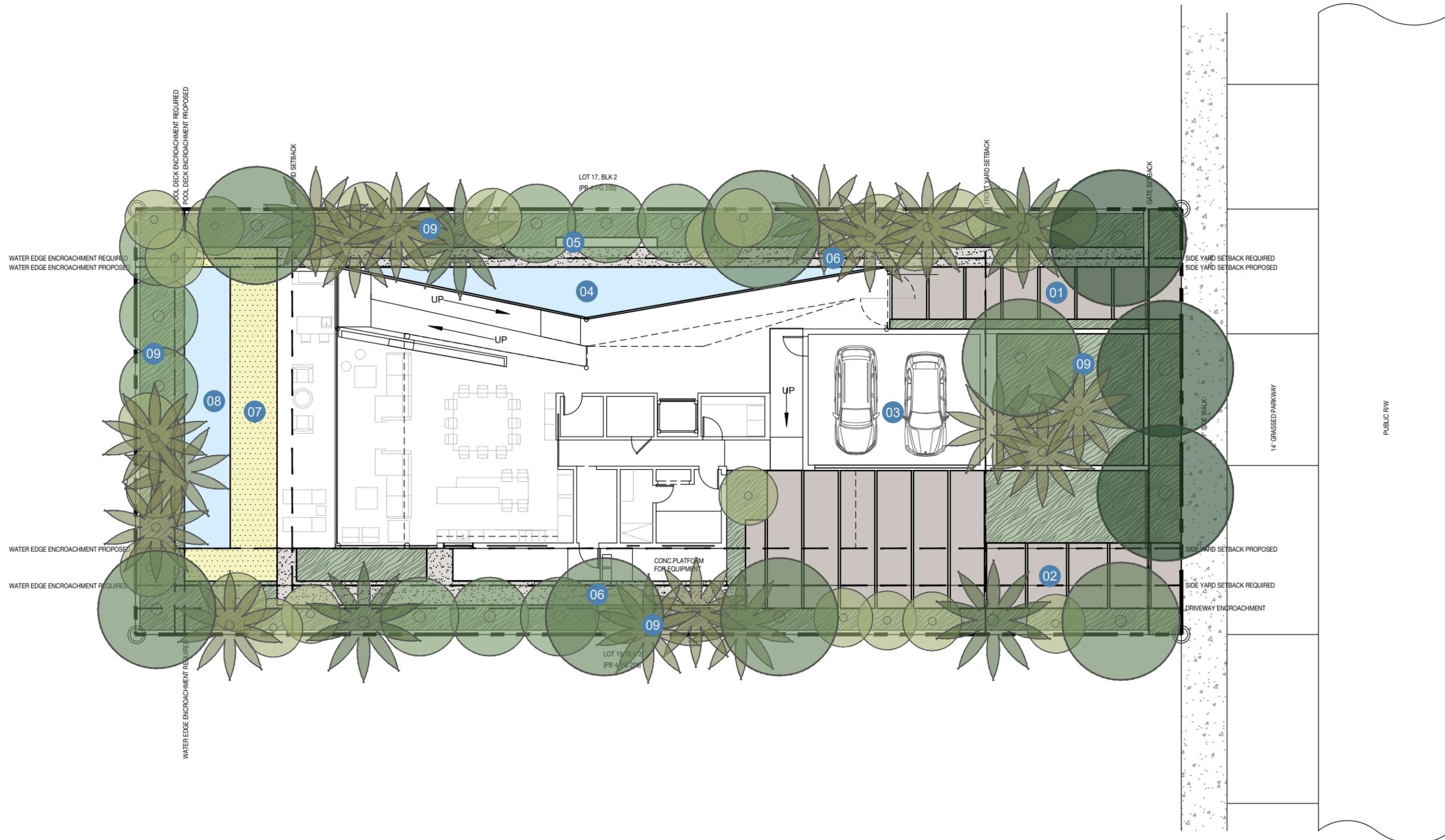
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L002

**LEGEND**

1. PEDESTRIAN ACCESS
2. VEHICULAR ACCESS
3. GARAGE
4. WATER FEATURE
5. BENCH
6. PEDESTRIAN CIRCULATION
7. LAWN AREA
8. POOL
9. LANDSCAPE AREA



**2464 PRAIRIE AVE RESIDENCE**

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140

SITE PLAN

Scale 1/16" = 1'-0"



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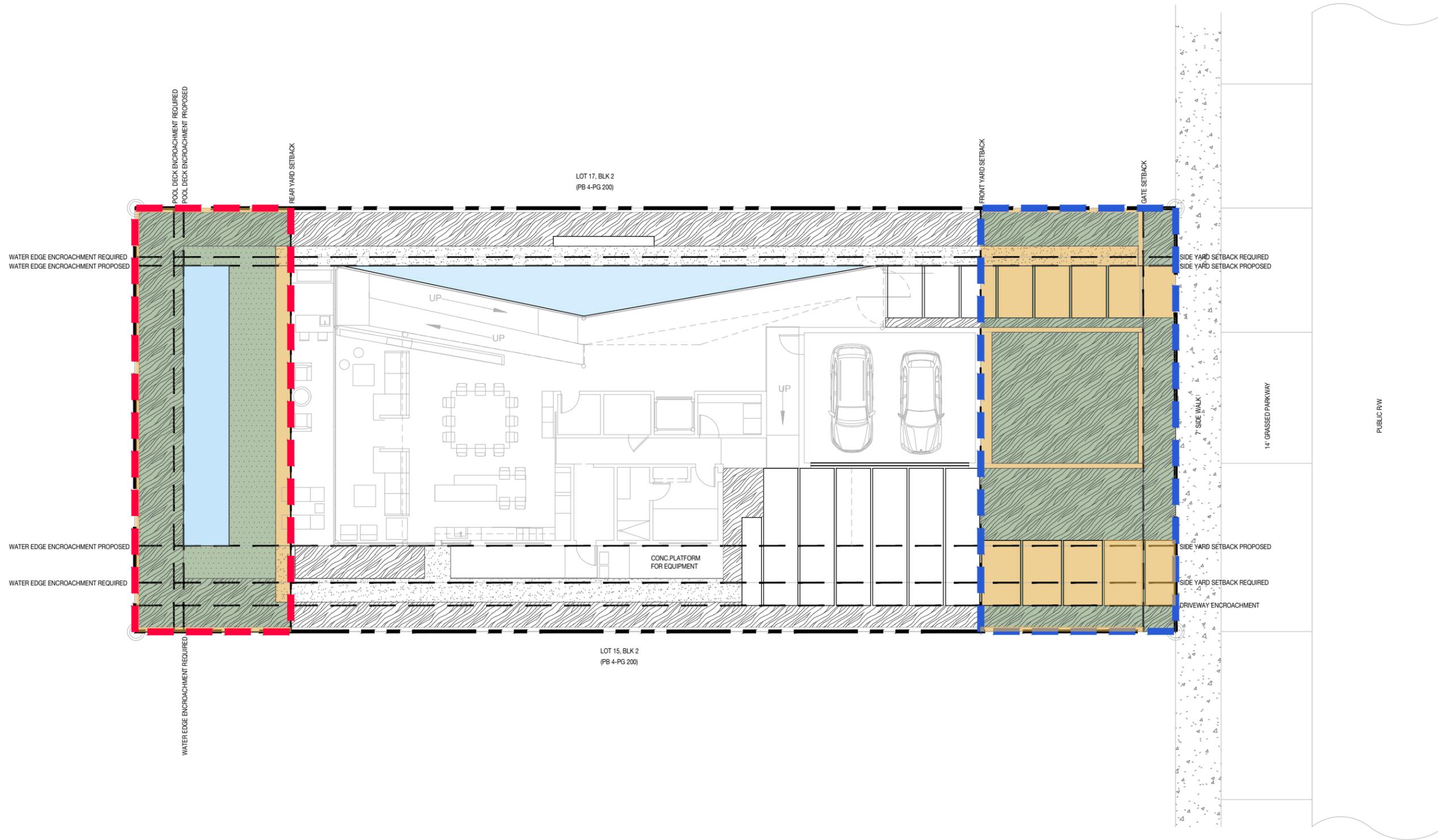


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LPLN  
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**LEGEND**

FRONT YARD		1,951 SF
	HARDSCAPE	714 SF (37%)
	OPEN SPACE	1,237 SF (63%)
REAR YARD		1,548 SF
	HARDSCAPE	155 SF (11%)
	OPEN SPACE	1,092 SF (70%)
	POOL	301 SF (19%)



**FRONT AND REAR YARD CALCULATIONS**

Scale 1/16" = 1'-0"



**2464 PRAIRIE AVE RESIDENCE**

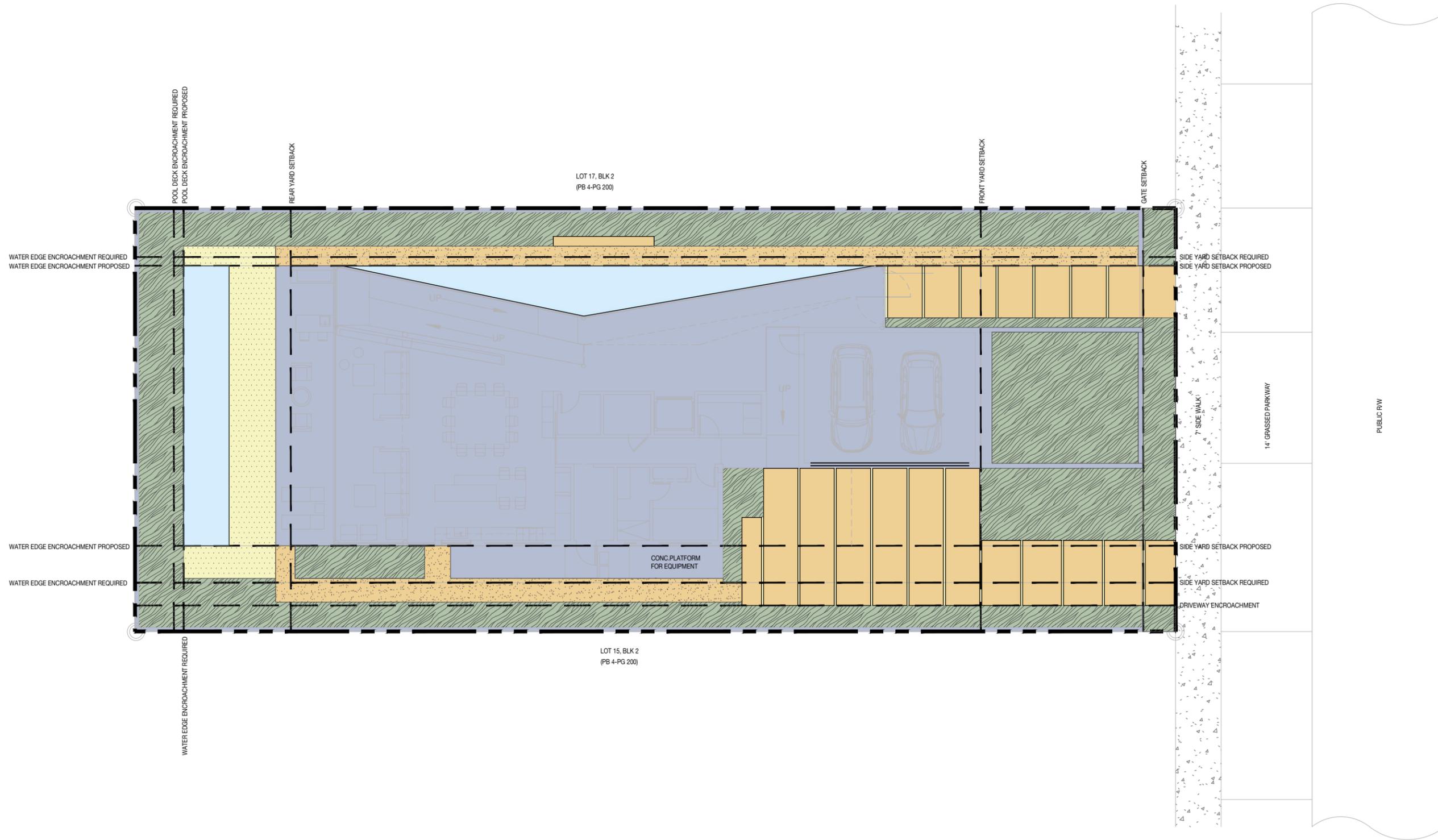
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**LEGEND**

TOTAL LOT AREA	10,400 SF
 HARDSCAPE	2,047 SF (20%)
 POOL & WATER FEATURE	616 SF (6%)
 BUILDING & WALLS	4,271 SF (41%)
 LANDSCAPE	3,045 SF (29%)
 LAWN	421 SF (4%)



OPEN SPACE DIAGRAM

Scale 1/16" = 1'-0"



**2464 PRAIRIE AVE RESIDENCE**

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L004

# TREE DISPOSITION SCHEDULE

TREE No.	TREE - COMMON NAME	TREE - LATIN NAME	DISPOSITION	CONDITION	DIAMETER at BREAST HEIGHT (in inches, unless otherwise noted)	APPROXIMATE HEIGHT (in feet)	CANOPY DIAMETER (in feet)	REMOVAL- MUNICIPAL CRITERIA			
								PALM	DBH	NOTES	
								1:1			
1	QUEEN PALM	<i>Syagrus romanzoffiana</i>	REMAIN	POOR	12	20	15				
2	BRAZILIAN BEATYLEAF	<i>Calophyllum brasiliense</i>	REMOVE	GOOD	4	18	10		4		
3	BRAZILIAN BEATYLEAF	<i>Calophyllum brasiliense</i>	REMOVE	GOOD	4	18	10		4		
4	TRIANGLE PALM	<i>Dypsis decaryi</i>	REMOVE	FAIR	12.5	18	15	1			
5A	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	10	28	16	1			
5B	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	35	16	1			
5C	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	35	16	1			
6	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	POOR	8	15	12	1			
7	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
8	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
9	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6	25	8	1			
10	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6	25	8	1			
11	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6	25	8	1			
12	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6	25	8	1			
13	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6	25	8	1			
14	SABAL PALM	<i>Sabal palmetto</i>	REMOVE	GOOD	13.5	24	12	1			
15	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	FAIR	6,6	25	10	1			
16	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	POOR	5	25	8	1			
17	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	POOR	5	25	8	1			
18	CHRISTMAS PALM	<i>Adonidia merrillii</i>	REMOVE	POOR	5	25	8	1			
19	MONTGOMERY PALM	<i>Veitchia arecina</i>	REMOVE	DEAD	6, 8, 8	12	0				
20	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	REMOVE	FAIR	Cluster	25	20	1			
21	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	REMOVE	FAIR	Cluster	18	15	1			
22	ROYAL PALM	<i>Roystonea regia</i>	REMOVE	POOR	15	50	16	1			
23	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
24	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
25	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
26	COCONUT PALM	<i>Cocos nucifera</i>	REMOVE	FAIR	12	40	16	1			
27	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	REMOVE	FAIR	Cluster	25	20	1			
28	FOXTAIL PALM	<i>Wodyetia bifurcata</i>	REMOVE	POOR	8	20	8	1			
29	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	REMOVE	FAIR	Cluster	30	20	1			
30	ROYAL PALM	<i>Roystonea regia</i>	REMOVE	GOOD	19	50	18	1			
31	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	REMOVE	FAIR	Cluster	22	18	1			
32	FRANGIPANI	<i>Plumeria rubra</i>	REMOVE	GOOD	6	15	12		6		
								REMAIN	REMOVE	TOTAL TREES	TOTAL PALMS
TREES								0	3	3	
PALMS								1	30		31
TOTAL PALMS TO BE REMOVED:								29			
TOTAL DBH TO BE REMOVED:									14		
TOTAL REQUIRED ON SITE MITIGATION PER CODE (2" DBH/12HT):											
ESTIMATED REQUIREMENTS								35			
TREES- 2"DBH/12'HT MIN:								21			
TREES- 4"DBH/16'HT MIN:								8			
NATIVE TREES - 1.5"DBH/10'HT MIN:								6		up to 30% of required 12' height trees	
TOTAL PROPOSED REPLACEMENT TREES (REFER TO PLANTING PLANS):								35			

TREE DISPOSITION SCHEDULE

2464 PRAIRIE AVE RESIDENCE  
2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



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by marsh c kripen  
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TD100  
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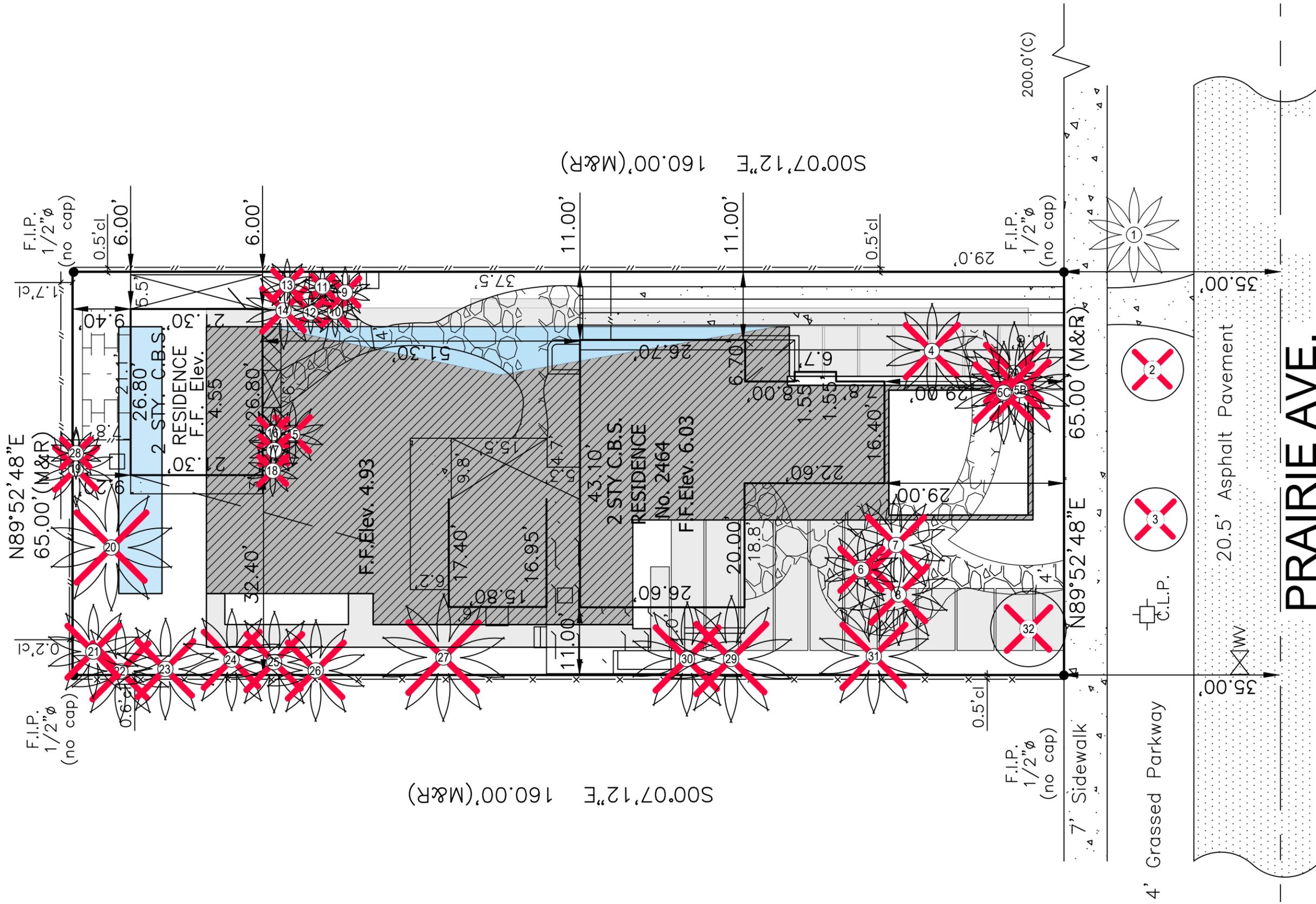
# 2464 PRAIRIE AVE RESIDENCE

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



## TREE DISPOSITION LEGEND

- TREE TO BE PRESERVED
- PALM TO BE PRESERVED
- TREE TO BE REMOVED
- PALM TO BE REMOVED
- PROPOSED BUILDING
- PROPOSED HARDSCAPE
- PROPOSED POOL & WATER FEATURE



TREE DISPOSITION PLAN

Scale 1/16" = 1'-0"



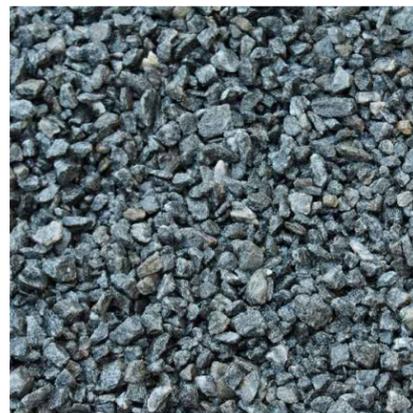
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TD110  
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### A

**MATERIAL:** CONCRETE WITH ROCK SALT FINISH  
**LOCATION:** PEDESTRIAN ACCESS \*  
 VEHICULAR ACCESS \*  
 SCOOTER STORAGE AREA \*\*  
**SPECS:** \*STEPPING STONES W/ LAWN JOINTS  
 \*\*CONCRETE SLAB W/ CONTROL JOINTS  
**SOURCE:** TBD



### B

**MATERIAL:** CRUSHED GRANITE FINES  
**LOCATION:** PEDESTRIAN CIRCULATION  
**SPECS:** "SALT & PEPPER"  
**SIZE:** 1/2" - 1" Ø  
**SOURCE:** BERNIE'S ROCK & GARDEN  
[www.berniesrockandgarden.com](http://www.berniesrockandgarden.com)  
 786.242.4443



### C

**MATERIAL:** OOLITE STONE BLOCK  
**LOCATION:** BENCH  
**SPECS:** SAW CUT  
**SOURCE:** BERNIE'S ROCK & GARDEN  
[www.berniesrockandgarden.com](http://www.berniesrockandgarden.com)  
 786.242.4443



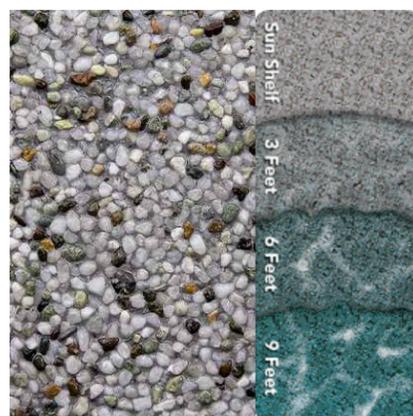
### D

**MATERIAL:** ALUMINUM PRO-LINE LANDSCAPE EDGING  
**LOCATION:** LANDSCAPE AREAS  
**SPECS:** 1/8" x 4" - BLACK  
**SOURCE:** PERMALOC  
[www.permaloc.com](http://www.permaloc.com)  
 800.356.9660



### E

**MATERIAL:** PEEBLETEC - WHITE PEARL  
**LOCATION:** MAIN POOL  
**SPECS:** PER MANUFACTURER  
**SOURCE:** POOLTECH INC / PEEBLETEC®  
[www.pooltech.net](http://www.pooltech.net)  
 631.694.4752



### F

**MATERIAL:** PEEBLETEC - MIDNIGHT GREY  
**LOCATION:** WATER FEATURE  
**SPECS:** PER MANUFACTURER  
**SOURCE:** PEEBLETEC®  
[www.peebletec.com](http://www.peebletec.com)



# TREES & PALMS PLANTING SCHEDULE

ABR	QTTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
<b>TREES</b>				
* CGR	1	CAESALPINA GRANADILLO	BRIDALVEIL	200 GAL / 2" DBH / 18' HT MIN
* CGR2	2	CAESALPINA GRANADILLO	BRIDALVEIL	16' OVERALL HEIGHT / 2" Ø
* COE	1	CONOCARPUS ERECTUS	GREEN BUTTOM WOOD	200 GAL / 2" DBH / 18' HT MIN
* CRO	4	CLUSIA ROSEA	AUTOGRAPH TREE	200 GAL / 2" DBH / 18' HT MIN
* CUV	2	COCOLOBA UVIFERA	SEA GRAPE	200 GAL / 3" DBH / 18' HT MIN
<b>PALMS</b>				
CNU1	1	COCOS NUCIFERA	COCONUT PALM	FG 25' CT
CNU2	1	COCOS NUCIFERA	COCONUT PALM	FG 30' CT
CNU3	1	COCOS NUCIFERA	COCONUT PALM	FG 40' CT
DAL	3	DICTYOSPERMA ALBUM	HURRICANE PALM	FG 30' CT
EGU	4	ELAEIS GUINEENSIS	OIL PALM	FG 25' CT
SPA1	3	SABAL PALMETTO	SABAL PALM	FG 25' CT
SPA2	3	SABAL PALMETTO	SABAL PALM	FG 30' CT
SPA3	4	SABAL PALMETTO	SABAL PALM	FG 35' CT
<b>BAMBOO</b>				
BCH	9	BAMBUSA CHUNGI	BLUE BAMBOO	25' HT
<b>NATIVE UNDERSTORY TREES</b>				
* CWI	6	CANELLA WINTERANA	CINNAMON BARK	100 GAL / 12' HT
* EAX	6	EUGENIA AXILLARIS	WHITE STOPPER	100 GAL / 12' HT
* GLU	5	GYMNANTHES LUCIDA	CRABWOOD	100 GAL / 12' HT
* MFR	4	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	100 GAL / 12' HT
* PDI	6	PIMENTA DIOICA	ALLSPICE	100 GAL / 10' HT
* * TREE USED TOWARDS MITIGATION				

## NATIVE UNDERSTORY TREES



**CWI**  
CANELLA WINTERANA  
CINNAMON BARK



**EAX**  
EUGENIA AXILLARIS  
WHITE STOPPER



**GLU**  
GYMNANTHES LUCIDA  
CRABWOOD

## NATIVE UNDERSTORY TREES



**MFR**  
MYRCIANTHES FRAGRANS  
SIMPSON STOPPER

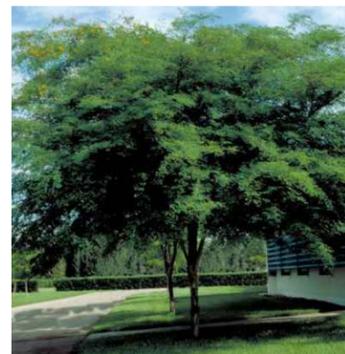


**PDI**  
PIMENTA DIOICA  
ALLSPICE



**BCH**  
BAMBUSA CHUNGI  
BLUE BAMBOO

## TREES



**CGR**  
CAESALPINIA GRANADILLO  
BRIDAL VEIL



**COE**  
CONOCARPUS ERECTUS  
GREEN BUTTOM WOOD



**CRO**  
CLUSIA ROSEA  
AUTOGRAPH TREE



**CUV**  
COCOLOBA UVIFERA  
SEA GRAPE



**CNU**  
COCOS NUCIFERA  
COCONUT PALM



**DAL**  
DICTYOSPERMA ALBUM  
HURRICANE PALM



**EGU**  
ELAEIS GUINEENSIS  
OIL PALM



**SPA**  
SABAL PALMETTO  
SABAL PALM

## PALMS

## TREES & PALMS PLANTING SCHEDULE

## 2464 PRAIRIE AVE RESIDENCE

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140

# LANDSCAPE LEGEND

MUNICIPALITY: City of Miami Beach					
ZONING CLASS:	RS-2	LOT AREA:	10,400	ACRES:	0.2388
ORDINANCE/CODE SECTION: CITY OF MIAMI BEACH SECTION 126					
OPEN SPACE			REQUIRED/ ALLOWED	PROVIDED	
A.	Sq. Ft. of required Open Space		5,200	4,082	
	Lot area:	10,400			
	Multiplier:	50%			
B.	Sq. Ft. of parking lot open space		20	20	
	Parking Spaces:	2			
	Multiplier:	10 sf/space			
C.	Total Sq. Ft. of landscaped Open Space required		5,220	4,102	
LAWN AREA					
A.	Total Sq. Ft. of landscaped Open Space		5,220	4,102	
B.	Maximum Lawn Area (sod) permitted- Open space required:		2,610	421	
	Multiplier:	50%			
TREES					
A.	Number of trees required per lot, less existing trees		9	20	
	Required Trees/Lot:	5			
	Net lot acres:	0.2388			
	Required Trees:	4			
	Existing trees:	0			
B.	% Palms allowed		0	0	
	Trees provided:	20			
	Multiplier:	0%			
PER CODE SECTION 126-6.C.10 PALMS DO NOT COUNT TOWARD MIN. TREE REQUIREMENTS					
C.	% Native required		6	6	
	Trees provided:	20			
	Multiplier:	30%			
D.	% Drought tolerant and low maintenance species required		10	10	
	Trees provided:	20			
	Multiplier:	50%			

## STREET TREES

A.	Street trees (maximum average spacing of 20' o.c.)		2	2
	Linear ft of street frontage:	39		
	Multiplier:	20		
	Existing trees:	0		
B.	Street trees directly below power lines		1	0
	Linear ft of street frontage:	20		
	Multiplier:	20		
SHRUBS				
A.	Number of shrubs required		264	264
	Lot and street trees required:	11		
	Multiplier:	12		
B.	% Native species required		132	132
	Shrubs provided:	264		
	Multiplier:	50%		
LARGE SHRUBS OR SMALL TREES				
A.	Number of shrubs or small tree required		27	27
	Shrubs required:	264		
	Multiplier:	10%		
B.	% Native species required		14	14
	Shrubs provided:	27		
	Multiplier:	50%		

LANDSCAPE LEGEND

## 2464 PRAIRIE AVE RESIDENCE

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140

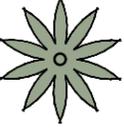
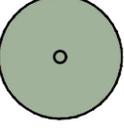
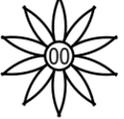


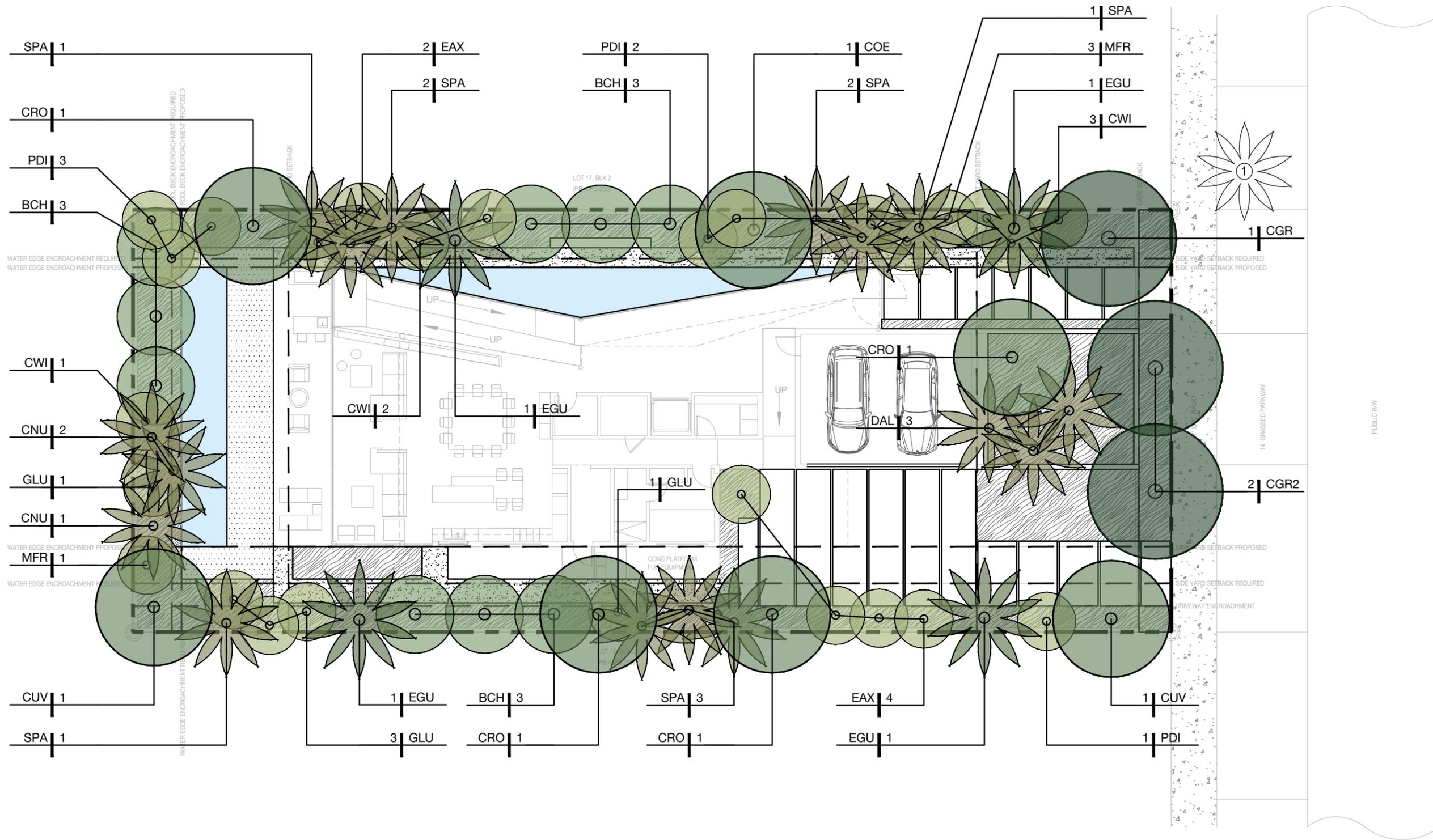
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Date: 2021.07.05  
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MIAMI BEACH . DRB FINAL SUBMITTAL . 06 JULY 2021

L401

**PLANTING LEGEND**

-  PROPOSED PALM
-  PROPOSED TREE
-  PALM TO BE PRESERVED



**TREE & PALM PLANTING PLAN**

Scale 1/16" = 1'-0"



**2464 PRAIRIE AVE RESIDENCE**

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



Digitally signed  
by marsh c kriplen  
Date: 2021.07.05  
18:22:38 -04'00'

MIAMI BEACH . DRB FINAL SUBMITTAL . 06 JULY 2021

L410

# UNDERSTORY PLANTING SCHEDULE

ABR	QTTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
<b>SHRUBS &amp; GROUNDCOVERS</b>				
AD	38	ASPARAGUS DENSIFLORUS	FOXTAIL FERN	3 GAL / 24" O.C.
BG	70	BOUGAINVILLEA GLABRA	BOUGAINVILLEA	5 GAL / 24" O.C.
CE	93	COLOCASIA ESCULENTA	ELEPHANT EARS	3 GAL / 36" O.C.
LM	113	LIRIOPE MUSCARI	LILYTURF	1 GAL / 18" O.C.
MD	27	MONSTERA DELICIOSA	SWISS CHEESE PLANT	3 GAL / 48" O.C.
NE	201	NEPHROLEPSIS EXALTATA	BOSTON FERN	1 GAL / 18" O.C.
PS	124	PHYMATOSORUS SCOLOPENDRIA	WART FERN	1 GAL / 18" O.C.
RM	1	RHIZOPHORA MANGLE	MANGROVE	
TM	392	TRADESCANTIA MICROFOLIA	ARGENTINE IVY	1 GAL / 12" OC
<b>GRASSES</b>				
TD	40	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	3 GAL / 36" O.C.
ZJ	421 SF	ZOYSIA JAPONICA	ZOYSIA GRASS	SOD

## SHRUBS & GROUNDCOVERS



**AD**  
ASPARAGUS DENSIFLORUS  
FOXTAIL FERN



**BG**  
BOUGAINVILLEA GLABRA  
BOUGAINVILLEA



**CE**  
COLOCASIA ESCULENTA  
ELEPHANT EARS



**LM**  
LIRIOPE MUSCARI  
LILYTURF



**MD**  
MONSTERA DELICIOSA  
SWISS CHEESE PLANT



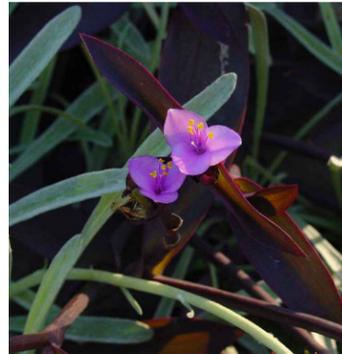
**NE**  
NEPHROLEPSIS EXALTATA  
BOSTON FERN



**PS**  
PHYMATOSORUS SCOLOPENDRIA  
WART FERN



**RM**  
RHIZOPHORA MANGLE  
MANGROVE



**TM**  
TRADESCANTIA MICROFILIA  
ARGENTINE IVY



**TD**  
TRIPSACUM DACTYLOIDES  
FAKAHATCHEE GRASS



**ZJ**  
ZOYSIA JAPONICA  
ZOYSIA GRASS

## GRASSES

UNDERSTORY PLANTING SCHEDULE

## 2464 PRAIRIE AVE RESIDENCE

2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



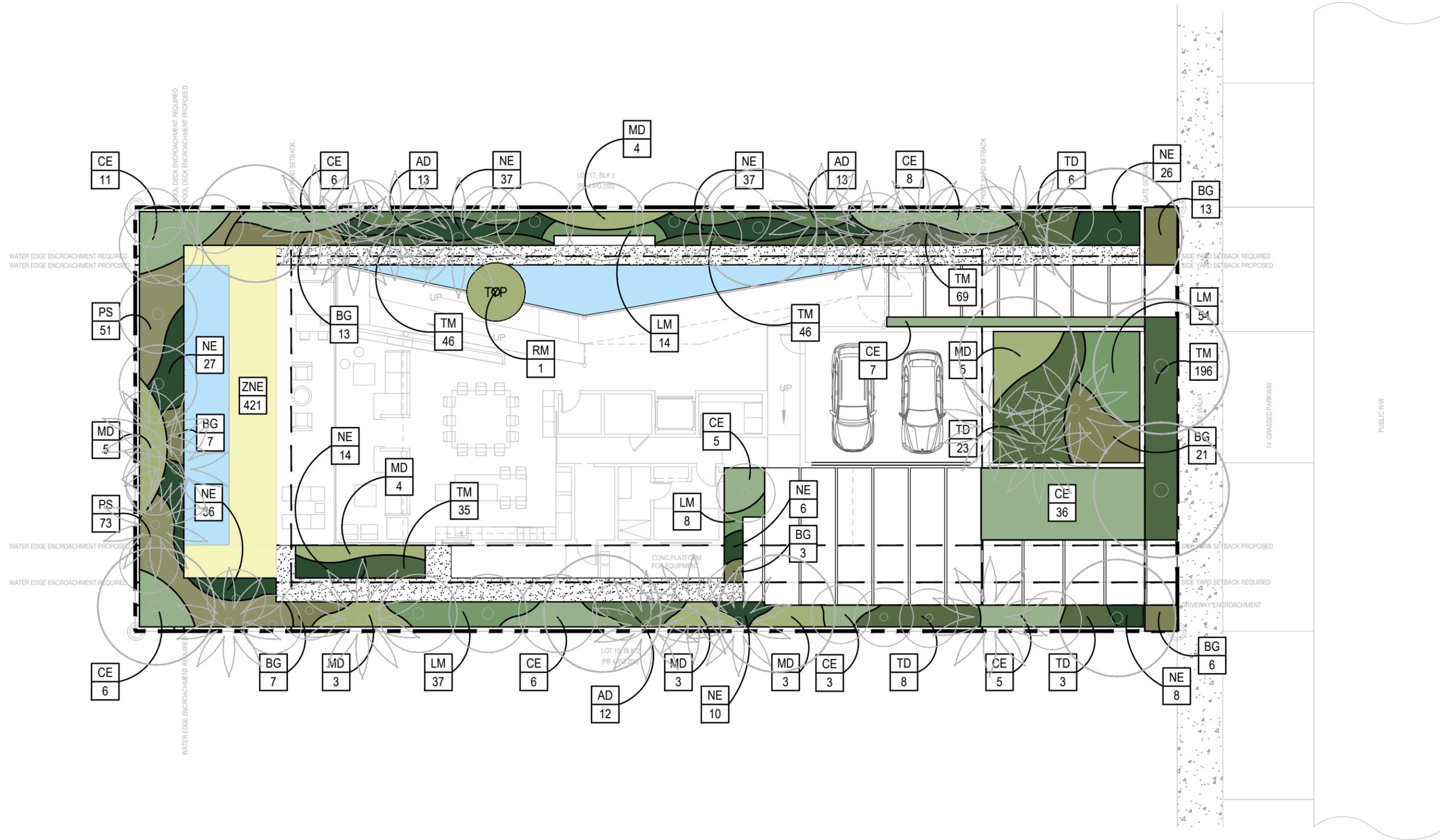
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L420

LEGEND

- TYP # PROPOSED SHRUB / GROUNDCOVER
- PROPOSED LAWN



UNDERSTORY PLANTING PLAN

Scale 1/16" = 1'-0"



2464 PRAIRIE AVE RESIDENCE

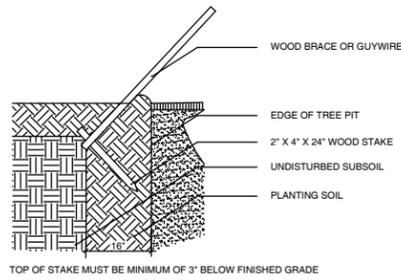
2464 PRAIRIE AVENUE, MIAMI BEACH FL 33140



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L430



1 STAKING DETAIL  
SCALE: NOT TO SCALE

**PREPARATION:**  
STORE ALL MATERIAL IN DRY, CLEAN AREA. COVER TO PROTECT FROM RAIN AND MINIMIZE DUST. COORDINATE RUN-OFF CONTROL WITH GENERAL CONTRACTOR.  
TEST EXISTING SOIL TO ENSURE IT IS FREE OF EXCESSIVE CLAY OR SALT AND ANY CHEMICALS/PETROCHEMICALS WHICH MAY HARM PLANT HEALTH.

**EXISTING MATERIAL:**  
IF INCORPORATING EXISTING SITE SOIL REMOVE ALL ROOTS, AND ROCK LARGER THAN 2" IN SIZE. REMOVE ALL PLASTIC, METAL AND MANMADE DETRITUS.

**MIX:**  
50% EXISTING SOIL  
10% COCO PEAT  
10% COMPOST  
20% CLEAN SAND  
10% PERLITE

BLEND QUANTITIES NEEDED BY HAND OR MACHINE.

**INSTALLATION:**  
REFER TO APPROPRIATE DETAILS FOR AMENDMENTS, COMPACTION DEPTHS ETC.

**GENERAL:** REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION

4 PLANTING SOIL- TYPICAL

**MULCH A:**  
PINE STRAW, FOR USE IN GENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%.

**MULCH B:**  
MINI PINE BARK NUGGETS, FOR USE IN SPECIALTY AREAS

**MULCH C:**  
MELALEUCA MULCH, FOR USE IN GENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%.

BLEND QUANTITIES NEEDED BY HAND OR MACHINE.

**INSTALLATION:**  
REFER TO APPROPRIATE DETAILS FOR EXTENTS AND DEPTHS.

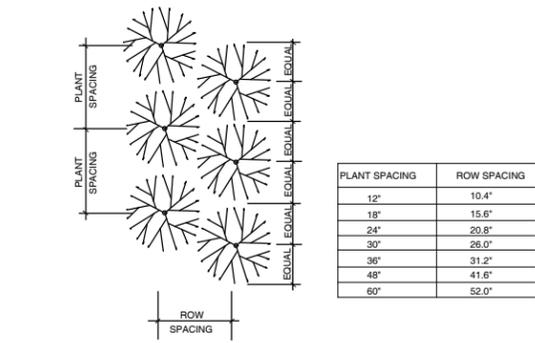
**GENERAL:** REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION, CONFIRM TYPE TO BE USED WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

5 MULCH- TYPICAL

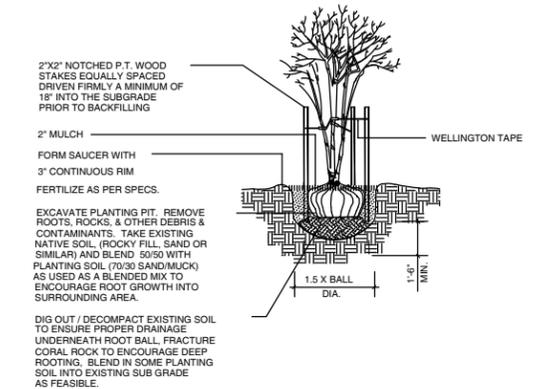
**MIX:**  
#5550- MUCK AND FINE SAND

SUPPLIER: ATLAS PEAT AND SOIL 561.734.7300

6 PLANTING SOIL- LAWN TOP DRESSING

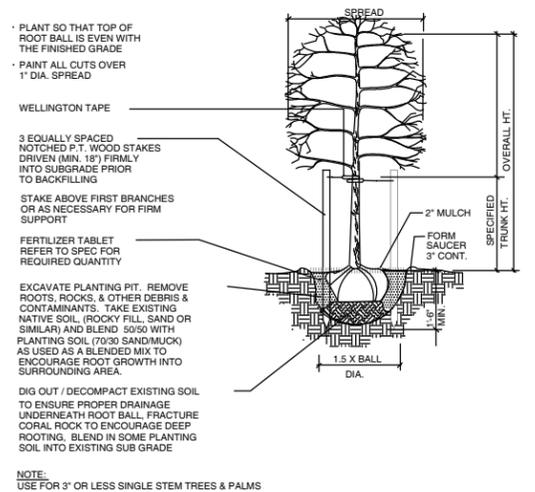


2 PLANT SPACING  
SCALE: NOT TO SCALE

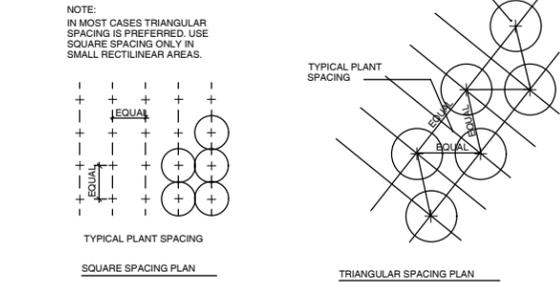


7 MULTI TRUNK TREE- PLANTING & STAKING  
SCALE: NOT TO SCALE

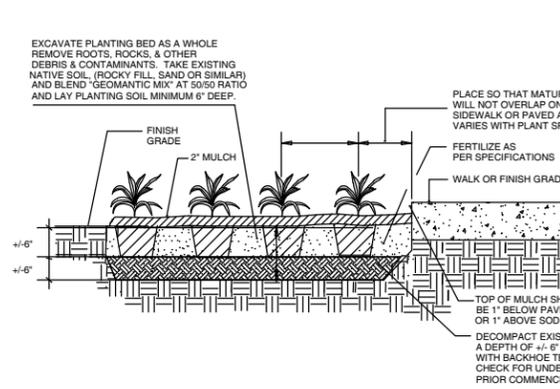
CALIPER	TIES	STRANDS	STAKES
1" - 1 1/2"	2	1 # 12	2 - 2 X 2
1 1/2" - 2"	3	1 # 12	3 - 2 X 2
2" - 3"	3	2 # 12	2 - 2 X 2



10 CANOPY AND PALM TREE- PLANTING & VERTICAL STAKING  
SCALE: NOT TO SCALE

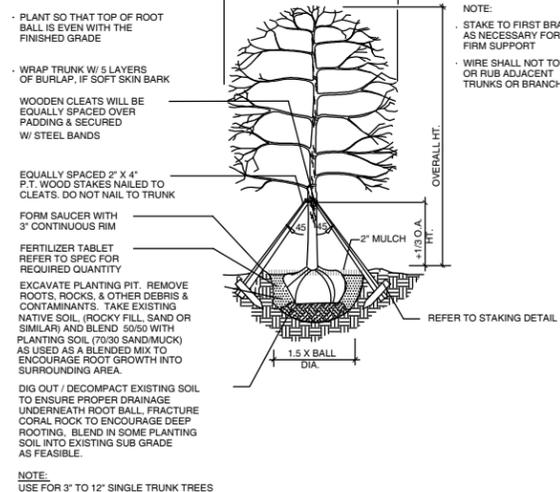


8 SHRUB- HEDGE AND MASS PLANTING  
SCALE: NOT TO SCALE

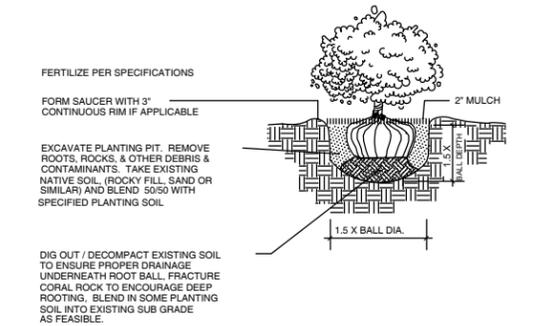


8 SHRUB- HEDGE AND MASS PLANTING  
SCALE: NOT TO SCALE

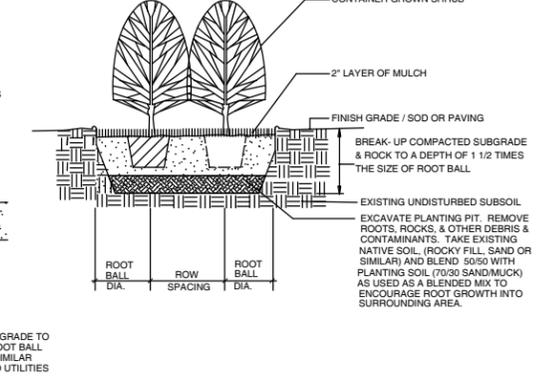
CALIPER	CLEATS	STRAPS	BRACES	NAILS
3" - 8"	2 x 4 x 8"	1 # 12	3 - 2 X 4	2 - 16d
8" - 10"	2 x 4 x 12"	1 # 12	3 - 2 X 4	3 - 16d
10" - 16"	2 x 4 x 12"	2 # 12	4 - 2 X 4	3 - 16d



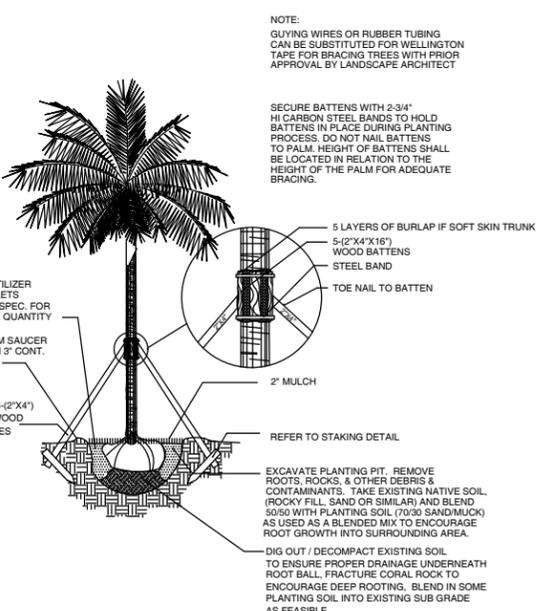
11 CANOPY TREE- PLANTING & TRIPLE BRACE STAKING  
SCALE: NOT TO SCALE



3 SHRUB PLANTING  
SCALE: NOT TO SCALE



9 SHRUB- HEDGE AND MASS PLANTING  
SCALE: NOT TO SCALE



12 PALM- PLANTING & STAKING  
SCALE: NOT TO SCALE