



NEW RESIDENCE | 5470 LA GORCE DRIVE | MIAMI BEACH, FLORIDA
FINAL MB DRB SUBMITTAL 08.03.18

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
5470 LA GORCE DRIVE
MIAMI BEACH, FL 33140

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed primarily of palms and an invasive umbrella tree. The Landscape Architect intends to remove all the vegetation on the site that is in direct conflict with the proposed addition. Mitigation and permits will be provided as per the C.M.B. Tree Preservation and Protection Ordinance.

SCOPE OF WORK

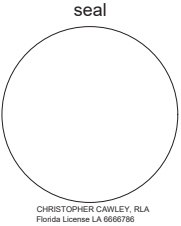
- Removal of existing vegetation
- New landscape design to complement new contemporary Residence

INDEX OF SHEETS

- L-0 Landscape Cover Page + Sheet Index
- L-1 Existing Tree Survey + Disposition Chart
- L-2 Grade Level Landscape
- L-2B First Level Landscape Plan First Floor
- L-3 Landscape Notes + Details

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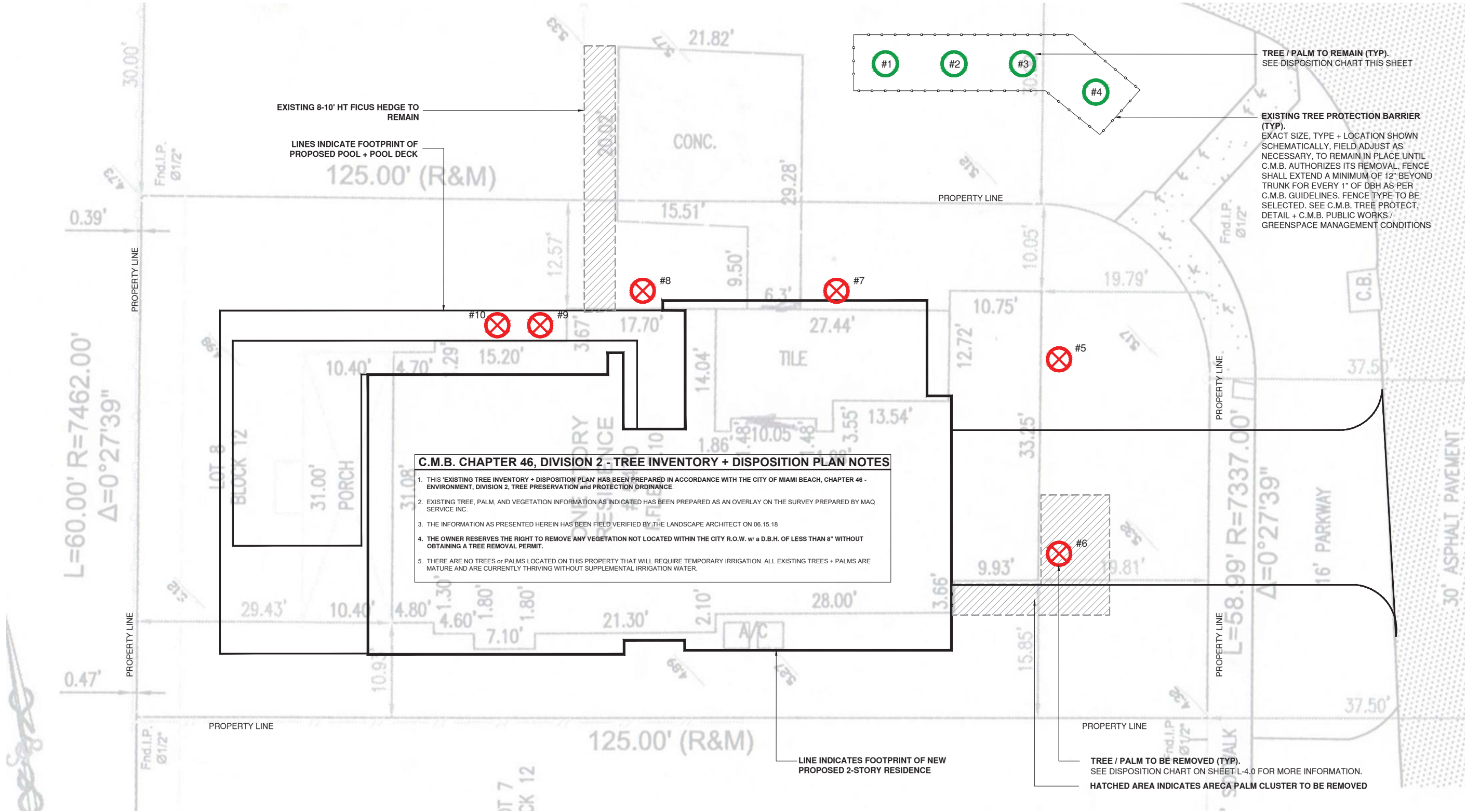
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C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES

1. THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE.




2. EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY MAQ SERVICE INC.

3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 06.15.18

4. THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. w/ a D.B.H. OF LESS THAN 8" WITHOUT OBTAINING A TREE REMOVAL PERMIT.

5. THERE ARE NO TREES or PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - 5470 LA GORCE											
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA	CANOPY LOSS/ MIT. REQ. (SF)	COMMENTS
#1	Coconut Palm	Cocos nucifera	YES	+/- 10"	+/- 30'	+/- 15'	GOOD	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#2	Coconut Palm	Cocos nucifera	YES	+/- 12"	+/- 35'	+/- 15'	FAIR	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#3	Coconut Palm	Cocos nucifera	YES	+/- 12"	+/- 35'	+/- 15'	FAIR	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#4	Coconut Palm	Cocos nucifera	YES	+/- 12"	+/- 35'	+/- 15'	FAIR	REMAIN	177 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#5	Christmas Palm	Adonidia merrellii	NO	+/- 5"	+/- 18'	+/- 8'	GOOD	REMOVE	51 SF	0 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#6	Chinese Fan Palm	Livistona chinensis	YES	+/- 12"	+/- 25'	+/- 13'	GOOD	REMOVE	134 SF	134 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#7	Coconut Palm	Cocos nucifera	YES	+/- 14"	+/- 35'	+/- 15'	GOOD	REMOVE	177 SF	177 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#8	Areca palm	Dypsis lutescens	NO	+/- 7"	+/- 26'	+/- 12'	GOOD	REMOVE	114 SF	114 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#9	Umbrella Tree	Schefflera actinophylla	YES	+/- 24"	+/- 26'	+/- 15'	GOOD	REMOVE	177 SF	177 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#10	Christmas Palm(triple)	Adonidia merrellii	NO	+/- 7"	+/- 26'	+/- 10'	GOOD	REMOVE	79 SF	79 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
TOTAL MITIGATION REQUIRED : 681 SF											
TOTAL MITIGATION PROVIDED : 1,600 SF											

C.M.B. EXISTING TREE SURVEY LEGEND			
	TREE or PALM TO BE REMOVED. SEE CHART L-4.0		TREE or PALM TO REMAIN. PRESERVE + PROTECT
		TREE or PALM PROTECTION FENCE	

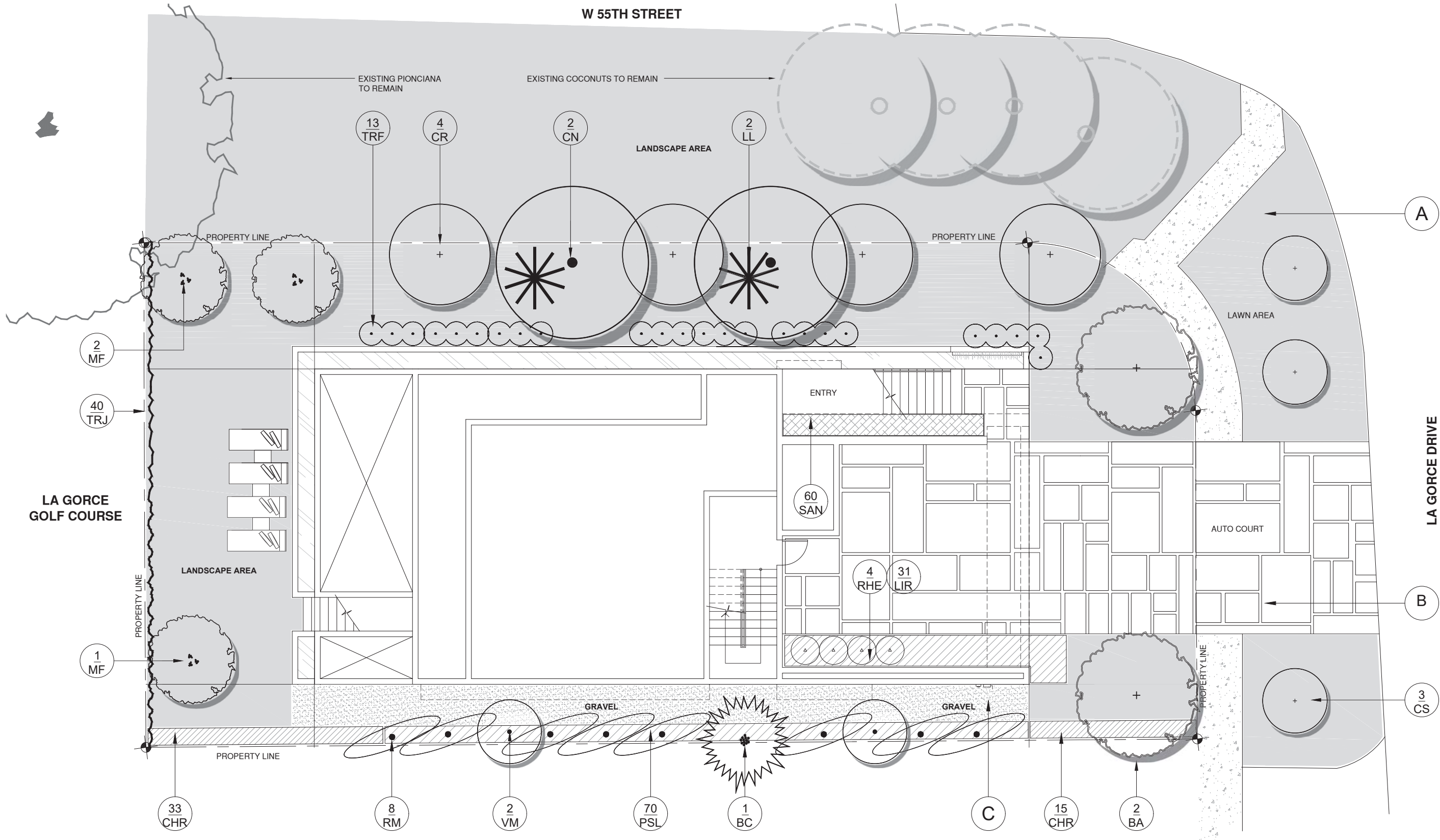
C.M.B. CANOPY MITIGATION NOTES

THE CANOPY MITIGATION OF 681 SF AS REQUIRED BY THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE HAS BEEN MET AND EXCEEDED. A TOTAL 1,600 SF OF CANOPY HAS BEEN PROVIDED.

CANOPY MITIGATION SUMMARY

- (4) NATIVE PITCH APPLE TREES: 1200 SF (MB category I @ 300 SF each)
- (2) VERAWOOD TREES: 300 SF (MB category III @150 SF each)
- (2) COCONUT PALMS: 100 SF (MB category IV @ 50 SF each)





LANDSCAPE NOTES

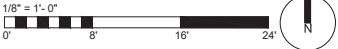
- ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
- TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANTING SOIL SHALL BE 50:50 TOPSOIL-SAND MIX, FREE OF CLAY, STONES, ROCKS, OR OTHER FOREIGN MATTER. THIS SPECIFICATION INCLUDES ALL BACKFILL FOR BERMS AND OTHER LANDSCAPE AREAS.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO BRING ALL GRADES TO WITHIN 2" OF FINAL GRADES. THIS SHALL INCLUDE A 2" APPLICATION OF 50:50 TOPSOIL-SAND MIX FOR ALL LANDSCAPE AND AREAS TO BE SODDED.

- ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A SMALL GRAY GRANITE AGGREGATE FREE FROM WEEDS AND PESTS. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3' AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
- SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS IN ALL LAWN AREAS AS SHOWN ON THE PLANS. SOD SHALL BE STRONGLY ROOTED, FREE FROM WEED, FUNGUS, INSECTS AND DISEASE. CONTRACTOR SHALL SOD ALL AREAS AS INDICATED ON THE PLANS OR AS DIRECTED. PAYMENT SHALL BE DETERMINED BY THE TOTAL MEASURED SODDED AREAS X THE UNIT PRICE SUBMITTED AND FIELD VERIFIED. SOD SHALL CARRY A 5-MONTH WARRANTY.
- ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- IRRIGATION SHALL PROVIDE FOR A 100% COVERAGE WITH 50% OVERLAP MINIMUM AND BE PROVIDED BY A FULLY AUTOMATIC IRRIGATION SYSTEM W/ RAIN MOISTURE SENSOR ATTACHED TO CONTROLLER. ALL FLORIDA BUILDING CODE APPENDIX "F" IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADHERED TO FOR INSTALLATION AND PREVAILING WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS SHALL BE IN COMPLIANCE FOR POST-INSTALLATION WATERING SCHEDULES.

LANDSCAPE PLAN LEGEND

- A 'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS
- B POURED IN PLACE CONCERT PAVERS WITH LAWN or GRAVEL JOINTS
- C 3/8" GRAY GRAVEL AGGREGATE

GRADE LEVEL LANDSCAPE PLAN



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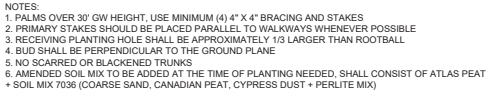
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PLANT LIST - 5470 LA GORCE DRIVE					
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BA	2	NO	VERAWOOD TREE	Bulnesia arborea	200 gallon, 16' height min, 10' spread, 4" dbh, 5' clear trunk, standards form
CR	4	YES	PITCH APPLE TREE	Clusia rosea	100 gallon, 14' - 16' height, 8' spread, 4" dbh, 4' clear trunk, standards form
CS	3	YES	SILVER BUTTONWOOD TREE	Conocarpus erectus 'Sericeus'	100 gallon, 12' height min, 6' spread, 3" dbh, 5' clear trunk, standard form
MF	3	YES	SIMPSON STOPPER	Myrcianthes fragrans	100 gallon, 12' height min, 6' spread, 3" dbh, multitrunk to be limbed up + bonsai
PALMS & BAMBOO					
BC	1	NO	TROPICAL BLUE BAMBOO	Bambusa chungii	Field grown, 20' height min, full to base, heavy with multiple canes
CN	2	NO	GREEN MALAYAN COCONUT	Cocos nucifera 'Green Malaysian	Field grown, 10' - 12' gray wood, full heads, florida fancy
LL	2	NO	BLUE LATAN PALM	Latania loddigesii	Field grown, 10' height, 2' clear trunk, full head, florida fancy
RM	8	NO	TRAVELERS PALM	Ravenala madagascariensis	100 gallon, 15' height, 10 ft spread, wide trunk
RX	4	NO	LADY PALM	Rhapsis exelsa	25 gallon, 4' overall height, 4' spread, full, shade grown
VM	2	NO	MONTGOMERY PALM	Veitchia montgomeryana	Field grown, 20'-22' overall height, 8' spread, single
SHRUBS					
CHR	48	YES	COCO PLUM SHRUB	Chrysobalanus icaco	15 gallon, 4' height, 2' spread, full, space 24" on center
PSL	70	YES	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	7 gallon, 24" height, 2' spread, full, space 24" on center
TROPICALS, GROUNDCOVERS, + ACCENTS					
LJR	31	NO	LILYTURF	Liriope muscari	3 gallon, 12" height, full, 18" on center
SAN	60	NO	SANSEVIERIA 'Black + Gold'	Sansevieria trifasciata	3 gallon, 24" height, full, 12" on center
TRF	16	YES	DWARF FAKAHATCHEE GRASS	Tripsacum floridana	3 gallon, 18" height, full, 18" on center
TRJ	40	NO	CONFEDERATE JASMINE	Trachelospermum jasminoides	7 gallon, 4' height, trellis, 18" on center
SOD, AGGREGATE & MULCH					
DGA	3/8" DECOMPOSED GRAY GRANITE AGGREGATE or STONE to BE SELECTED, 2" MIN. DEPTH, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL				
MLC	DARK BROWN NATURAL SHREDDED COCO BROWN MULCH (NO CYPRESS, RED DYED MULCH OR NUGGETS), TO BE DETERMINED				
SOD	EMPIRE TURF- ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				

LANDSCAPE LEGEND		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 26 (RS1 - RS3 Single Family Home Residential)		
ZONING: RS-4	LOT SIZE: 7,406 SF	ACRES: .17
TREES		
FRONT YARD - 2 TREES REQUIRED / 3 TREES PROVIDED		
REAR YARD - 3 TREES REQUIRED / 3 TREES PROVIDED		
TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF.		
1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA.		
7,406 SF - 6000 SF = 1,406 SF = 2 ADDITIONAL TREES + 5 REQUIRED TREES = 7 TOTAL TREES REQUIRED / 9 TREES PROVIDED. (4 NATIVE PITCH APPLE TREES + 3 NATIVE SIMPSON STOPPER TREES + 2 VERAWOOD TREES PROVIDED)		
NATIVE TREES		
30% OF REQUIRED TREES OR .30 X 7 = 2.1 NATIVE TREES REQUIRED / 7 NATIVE TREES PROVIDED		
(4 NATIVE PITCH APPLE TREES + 3 NATIVE SIMPSON STOPPER TREES PROVIDED).		
LOW MAINTENANCE TREES		
50% OF REQUIRED TREES OR .50 X 7 = 3.5 TREES REQUIRED / 7 TREES PROVIDED		
(4 NATIVE PITCH APPLE TREES + 3 NATIVE SIMPSON STOPPER TREES PROVIDED).		
STREET TREE REQUIREMENT		
AVERAGE STREET TREE SPACING 20' ON CENTER		
NORTH BAY ROAD: 59 LF / 20 = 3 STREET TREES REQUIRED / 3 STREET TREES PROVIDED		
(3 SILVER BUTTONWOOD TREES + 4 EXISTING COCONUT PALMS PROVIDED).		
SHRUBS		
12 SHRUBS (OR VINES) REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 X (10) = 120 REQUIRED / 143 SHRUBS PROVIDED		
(33 NATIVE COCOPLUM AND 70 NATIVE BAHAMA COFFEE SHRUBS + 40 CONFEDERATE JASMINE VINES PROVIDED).		
NATIVE SHRUBS		
50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 120 = 60 NATIVE SHRUBS REQUIRED/ 103 NATIVE SHRUBS PROVIDED		
(33 NATIVE COCOPLUM AND 70 NATIVE BAHAMA COFFEE SHRUBS PROVIDED).		
LARGE SHRUBS / SMALL TREES		
10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES or .10 X 120 = 12 LARGE SHRUBS REQUIRED		
33 LARGE SHRUBS PROVIDED (33 NATIVE COCOPLUM SHRUBS PROVIDED).		
NATIVE LARGE SHRUBS / SMALL TREES		
50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE or .50 X 12 = 6 REQUIRED /33 NATIVE LARGE SHRUBS PROVIDED		
(33 NATIVE COCOPLUM PROVIDED).		
LAWN AREA		
50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA.		
IRRIGATION SYSTEM		
100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126.		



N.T.S.

