

Project Name:  
**JF SOUTH BEACH RESIDENCE**

1060 W 47th ST.  
 MIAMI BEACH, FL

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**Revisions**

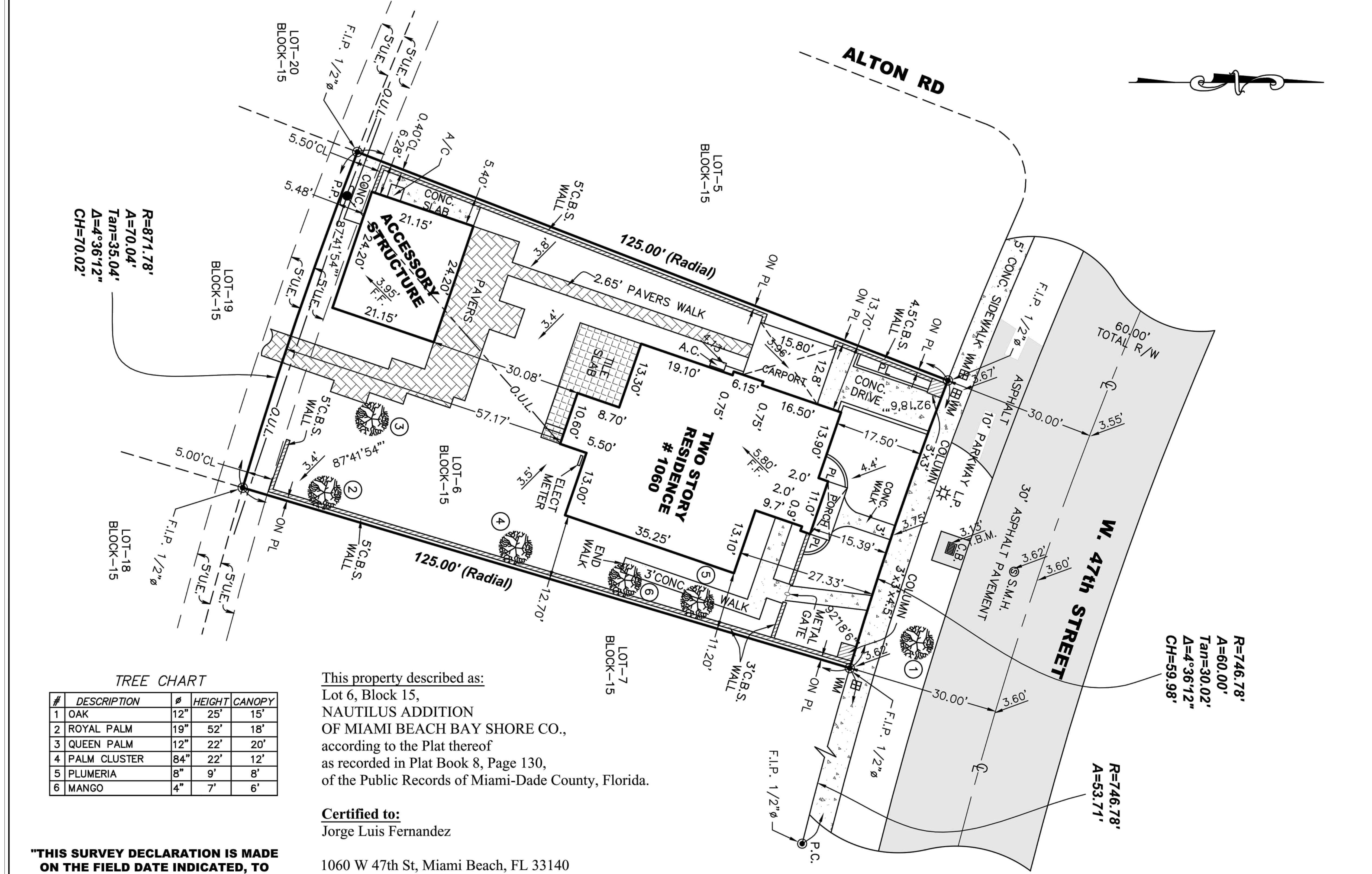
No.	Description	Date

ARCHITECT  
**ROBERT E. CHISHOLM, PALM A 000 7 4 4 2**

CONSULTANTS

Project No. 1816  
 Scale: N.T.S.  
 Date: 12/12/2016  
 Drawn: JB  
 Checked: MP  
 Submittal: DRB  
 Cad File: AS002

Drawing Title:  
**TREE SURVEY**  
 Sheet No. **AS002**



$R=871.78'$   
 $A=70.04'$   
 $\text{Tan}=35.04'$   
 $A=4^{\circ}36'12''$   
 $CH=70.02'$

$R=746.78'$   
 $A=60.00'$   
 $\text{Tan}=30.02'$   
 $A=4^{\circ}36'12''$   
 $CH=59.98'$

$R=746.78'$   
 $A=53.71'$

**TREE CHART**

#	DESCRIPTION	Ø	HEIGHT	CANOPY
1	OAK	12"	25'	15'
2	ROYAL PALM	19"	52'	18'
3	QUEEN PALM	12"	22'	20'
4	PALM CLUSTER	84"	22'	12'
5	PLUMERIA	8"	9'	8'
6	MANGO	4"	7'	6'

This property described as:  
 Lot 6, Block 15,  
 NAUTILUS ADDITION  
 OF MIAMI BEACH BAY SHORE CO.,  
 according to the Plat thereof  
 as recorded in Plat Book 8, Page 130,  
 of the Public Records of Miami-Dade County, Florida.

**Certified to:**  
 Jorge Luis Fernandez  
 1060 W 47th St, Miami Beach, FL 33140

Lot Area: ± 8,127 sq.ft.  
 Elevations shown refer to N.G.V.D. 1929.  
 BM # D-132-R (MIAMI-DADE)  
 Elevation = 8.23 ft (N.G.V.D.)

**"THIS SURVEY DECLARATION IS MADE ON THE FIELD DATE INDICATED, TO THE OWNER(S) LISTED. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."**

Bearing, if any, shown based on N/A (reference) N/A

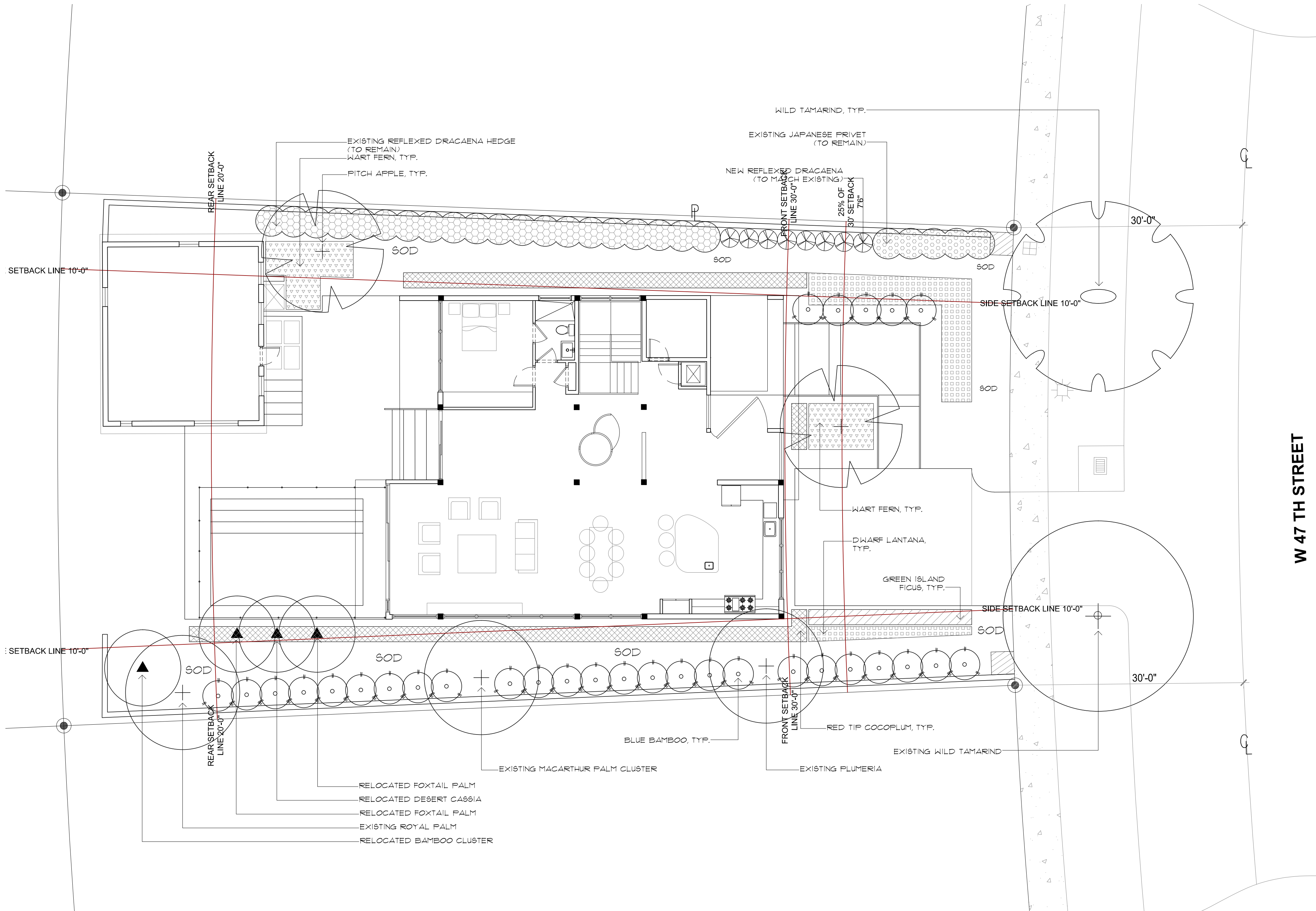
REVISIONS: 07/11/16 Survey update and tree survey 08/19/16 Elevations added			
FLOOD ZONE AE	COMM. No. 120651	PANEL No. 0309	SUFFIX: L
F.I.R.M.DATE 09/11/09	F.I.R.M.INDEX 09/11/09	BASE ELEV. + 7 FT N.G.V.D.	Not valid unless it bears the signature and the original raised seal of Florida licensed Surveyor and Mapper.

**TOPOGRAPHIC SURVEY.**  
 I HEREBY CERTIFY: that this survey meets the Standards of Practice as set forth by the FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS in Chapter 5J-17 Florida Administrative Code, pursuant to Section 472.027 Florida Statutes.  
**RENE AIGUESVIVES 11/13/15**  
 PROFESSIONAL SURVEYOR AND MAPPER No. 4327. State of Florida.

**Alvarez, Aiguesvives and Associates, Inc.**  
 Surveyors, Mappers and Land Planners  
 5701 S.W. 107th Avenue #204, Miami, FL 33173  
 Phone 305.220.2424 Fax 305.552.8181  
 L.B. No. 6867 / E-mail: aaasurvey@aol.com

Field Date 11/12/15	Scale: 1"=20'	Drawn by: R.S.	Drwg. No. 15-17978
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- LEGEND**
- A = Arc
  - ASPH = Asphalt
  - BM = Bench Mark
  - BRG = Bearing
  - CATV = Cable TV
  - CB = Catch basin
  - CBS = Concrete Block Structure
  - CH = Chord
  - Chatta = Chatahoochee
  - CL = Center Line
  - CLF = Chain Link Fence
  - CL = Clear
  - CONC. = Concrete
  - D = Delta
  - Ø = Diameter
  - DH = Drill Hole
  - DME = Drainage & Maintenance Easement
  - E.B. = Electric Box
  - Enc. = Encroachment
  - F.F. = Finish Floor
  - F.H. = Fire Hydrant
  - F.I.R. = Found Iron Rebar
  - FPL = Florida Power & Light
  - F.I.P. = Found Iron Pipe
  - F.N. = Found Nail
  - L.P. = Light Pole
  - M = Measured
  - M.F. = Metal Fence
  - M.H. = Manhole
  - M = Monument Line
  - MON. = Monument
  - N/A = Not Applicable
  - N/D = Nail & Disc
  - NTS = Not to Scale
  - O/S = Offset
  - O.U.L. = Overhead Utility Lines
  - OH = Overhang
  - P = Plat
  - PB = Plat Book
  - PC = Point of Curvature
  - P.C.C. = Point of Compound Curvature
  - PCP = Permanent Control Point
  - PG = Page
  - P.I. = Point of Intersection
  - PL = Property Line
  - PL = Planter
  - P.O.B. = Point of Beginning
  - P.O.C. = Point of Commencement
  - P.P. = Power Pole
  - P.R.M. = Permanent Reference Monument
  - P.R.C. = Point of Reverse Curvature
  - PT = Point of Tangency
  - R = Radius
  - R/R = Railroad
  - PSM = Professional Surveyor Mapper
  - R/W = Right-of-Way
  - SWK = Sidewalk
  - Sec. = Section
  - (TYP) = Typical
  - T = Tangent
  - U.E. = Utility Easement
  - W.F. = Wood Fence
  - W.M. = Water Meter
  - W.V. = Water Valve
  - Ø = Denotes Spot Elevations Taken
- NOTE:**
- (a) All clearances and/or encroachments shown hereon are of the apparent physical use, fence legal ownership, not determined.
  - (b) The issues of this survey is solely for the exclusive and specific use of those persons, parties or institutions in the certification.
  - (c) Code restrictions and title search not reflected in this survey
  - (d) Underground utilities, improvements, footings and encroachments, if any not located.
  - (e) The flood information shown hereon does not imply that the subject property will or will not be free from flooding or damage and does not create liability on the part of the firm or employee thereof, for any damage that occurs from reliance on said information.
  - (f) Lands depicted hereon were surveyed per legal description provided by client and no claims as to ownership or matters of title are made or implied.



**PLANT LIST**

QTY.	KEY	BOTANICAL NAME	COMMON NAME	TOLERANCE, SIZE & REMARKS
<b>TREES:</b>				
2	CR	CLUBIA ROSEA	PITCH APPLE	Δ X X MIN. 12' HT., FG.
1	LL	LYBILOMA LATIBLIQUA	WILD TAMARIND	Δ X X MIN. 16' HT. x 3.5" CAL., FG.
<b>PALMS:</b>				
30	BC	BAMBUSIA CHUNGII	BLUE BAMBOO	X X 15 GALLON, MIN. 12' HT., FULL
<b>SHRUBS:</b>				
68	CI	CHRYSABALANUS ICACO	RED TIP COCOPLUM	Δ X X 3 GAL., 24" O.C. T.S.
11	FM	FIGUS MICROCARPA	GREEN ISLAND FIGUS	X X 3 GAL., 24" O.C. T.S.
8	DR	DRACAENA REFLEXA	FLEOMBLE	X MIN. 1 GAL., MATCH EX., FULL
<b>GROUNDCOVERS:</b>				
TBD	LO	LANTANA OVATIFOLIA	DWARF LANTANA	X X 1 GAL., 18" O.C., FULL, T.S.
TBD	FS	POLYPODIUM SCOLOPENDRIA	WART FERN	X 1 GAL., 18" O.C., FULL, T.S.
<b>SOD:</b>				
TBD	60D	STENOTAPHRUM SECUNDATUM	ST. AUGUSTINE FLORATAM	Δ X SOLID SOD

**ABBREVIATIONS:**

OA HT.	OVERALL HEIGHT	MIN.	MINIMUM	X	MODERATE DROUGHT TOLERANCE
STG.	STAGGERED	STD.	STANDARD	X X	VERY DROUGHT TOLERANT
SR	SINGLE ROW	O.C.	ON CENTER	Δ	NATIVE
T.S.	TRIANGULAR SPACING	GAL.	GALLON		
S.T.	SINGLE TRUNK	G.W.	GREY WOOD		
D.T.	DOUBLE TRUNK				

**DROUGHT TOLERANCE & ORIGIN:**

**LANDSCAPE NOTES**

- ALL PLANT MATERIAL SHALL BE GRADED FLORIDA \* OR BETTER AS DEFINED IN THE GRADES AND STANDARDS FOR NURSERY PLANTS, PART I AND II BY THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
- ALL LANDSCAPE MATERIAL SHALL COMPLY WITH COUNTY, CITY OR LOCAL ORDINANCES.
- SYMBOLS REPRESENT PLANTS AT MATURE STAGE, NEVER AT TIME OF INSTALLATION.
- VERIFY WITH OWNER'S REPRESENTATIVE OR SITE SUPERVISOR OF ANY EXISTING UNDERGROUND UTILITIES AND/OR EASEMENTS PRIOR TO THE INSTALLATION OF PLANT MATERIAL.
- ALL TREES, SHRUBS AND GROUNDCOVERS SHALL RECEIVE 3" DEPTH OF SHREDDED EUCALYPTUS MULCH.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THEIR OWN QUANTITY TAKE OFF. IN CASE OF ANY DISCREPANCIES, PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST.
- SOLID SOD SHALL BE ST. AUGUSTINE FLORATAM.
- THERE SHALL BE A 24" WIDE STRIP OF SHREDDED EUCALYPTUS MULCH BETWEEN SOD AND SHRUBS/GROUNDCOVERS.
- TERRA-SORB MOISTURE RETENTION GRANULES SHALL BE ADDED TO ALL TREE/PALM PITS AT THE RATE RECOMMENDED BY MANUFACTURER.
- IN PLANTING AREAS, A 6" DEPTH OF PLANTING SOIL SHALL BE INSTALLED THAT CONSISTS OF AN EVENLY BLENDED MIX OF 80% MUCK, 25% SAND, 15% Sphagnum Peat Moss & 10% SHEEP MANURE. TWO POUNDS OF FERTILIZER SHALL BE ADDED TO EACH CUBIC YARD OF SOIL & THOROUGHLY MIXED. PLANTING SOIL SHALL HAVE A PH OF BETWEEN 6.0 & 7.0 AFTER MIXING & ADDITION OF FERTILIZER.
- IN SOD AREAS, A 3" DEPTH OF TOPSOIL MIX SHALL BE INSTALLED THAT CONSISTS OF 80% SAND & 20% MUCK THOROUGHLY MIXED WITH A COMMERCIAL SHREDDER. MIX SHALL BE FREE OF ROCKS, LIMBS, ROOTS & OTHER MATTER.
- AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR ALL LANDSCAPE AREAS. THIS IS DESIGNED FOR "HEAD TO HEAD" COVERAGE.
- ALL EXISTING SOD OUTSIDE THE PROPERTY LINE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH SAME SPECIES AT NO COST TO OWNER.
- TREES SHALL NOT BE PLANTED ON TOP OF IRRIGATION LINES.
- ALL AREAS NOT COVERED BY SHRUBS, GROUNDCOVERS BEDS, BUILDINGS OR PAVING ARE TO BE SODDED.
- PUBLIC RIGHT OF WAY PROPOSED TREE REMOVED SHALL COMPLY WITH MDCPW FOR APPROVALS, PERMITS & OTHER SPECIFIC REQUIREMENTS.

**ROOT PRUNE NOTES**

- LANDSCAPE CONTRACTOR TO VERIFY WITH SITE SUPERVISOR OF ANY EXISTING UNDERGROUND UTILITIES PRIOR ANY ROOT PRUNING OR REMOVAL OF EXISTING TREES.
- TO AVOID DAMAGE TO THE TREES AND PROPERTY, THE ROOT PRUNING MUST BE DONE BY A SKILLFUL LANDSCAPE CONTRACTOR WITH EXPERIENCE IN THIS TYPE OF WORK.
- A BACK PRUNING OF THE CANOPY WILL BE NECESSARY TO BALANCE THE SIZE OF THE CROWN WITH THE ROOT BALL AFTER THE ROOT PRUNING IS COMPLETE. NO UNNECESSARY BACK PRUNING WILL BE ALLOWED. LANDSCAPE CONTRACTOR MUST RESPECT THE NATURAL CHARACTER OF EACH PARTICULAR SPECIE.
- ALL TREES SHALL BE ROOT PRUNED 45 DAYS PRIOR TO TRANSPLANTING.
- LARGE TREES THAT HAVE BEEN ROOT PRUNED SHALL BE STAKED TO AVOID ACCIDENTS AND/OR WINDFALL.
- LANDSCAPE CONTRACTOR SHALL USE BARRICADES TO PROTECT TRANSPLANTED AND REMAINING EXISTING TREES OR PALMS SHOWN ON THIS PLAN.
- SUFFICIENT WATER SHALL BE APPLIED TO THE TREES DURING CONSTRUCTION.
- IN THE EVENT THAT HEAVY EQUIPMENT IS NECESSARY TO MOVE THE TREES, LANDSCAPE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO AVOID "SKIRTING" THE BARK OF THE TREES.
- TREES TO BE TRANSPLANTED ON SITE SHALL BE DONE IMMEDIATELY.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE TREES AT THE SITES. PROVISION SHALL BE MADE FOR STAKING BARRICADES, WATER, WEEDING, AND FERTILIZERS AS REQUIRED DURING CONSTRUCTION. THE PLANTS SHALL BE IN THEIR UTMOST BEST CONDITION FOR THE FINAL TRANSPLANTATION TO THE SITE.
- CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO TREES THAT ARE TO REMAIN AND THOSE THAT ARE TO BE RELOCATED.

PRELIMINARY LANDSCAPE PLAN

SCALE: 1/8" = 1'-0"



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**1060 W 47 ST. MIAMI BEACH, FL**

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**Revisions**

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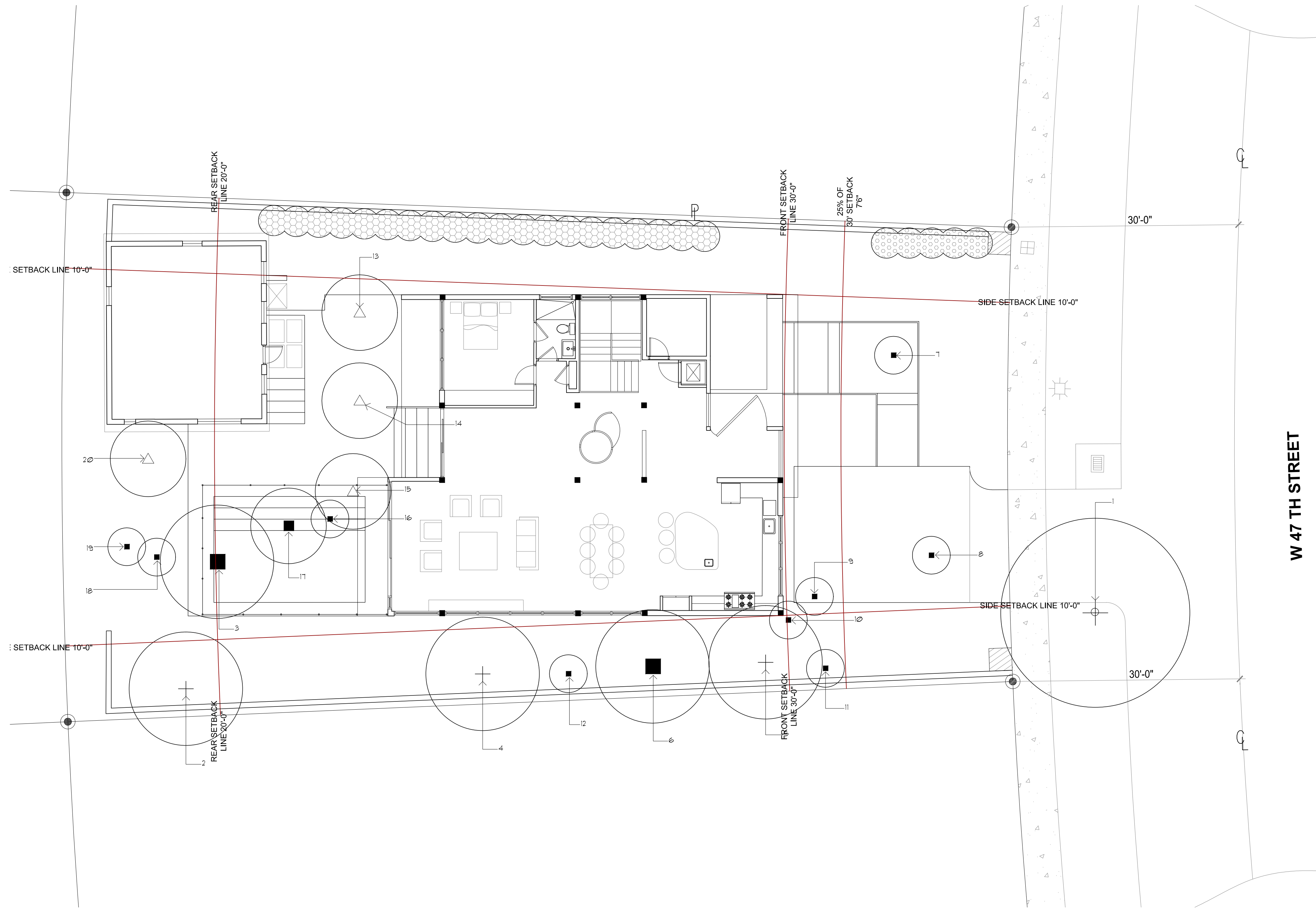
ARCHITECT

ROBERT E. CHISHOLM, PAIA  
A R O O 7 4 4 2

CONSULTANTS

DESIGNING BEAUTIFUL SPACES  
**LLA LAURA LLERENA & ASSOCIATES**  
LANDSCAPE ARCHITECTURE  
13170 S.W. 128th Street, Suite 207, Miami, FL 33186  
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www.llerena-associates.com

DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE LANDSCAPE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY OWNER ON OTHER PROJECTS EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE LANDSCAPE ARCHITECT.



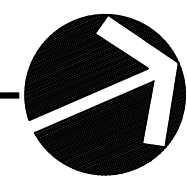
**EXISTING TREE LIST**

No.	Common Name	Botanical Name	DBH (")	Ht. (')	Sp. (')	Condition	Recommendations	Mitigation
1	Wild Tamarind	Lycium Latifolium	12	25	15	Good	To Remain	N/A
2	Royal Palm	Roystonea Elata	20	50	20	Good	To Remain	N/A
3	Queen Palm	Syagrus Roodolphiana	12	20	15	Fair	To Be Removed	111 Sq. Ft.
4	Macarthur Palm (Cluster)	Rhynchospora Macarthuri	25	25	15	Fair	To Remain	N/A
5	Frangipani	Plumeria Spp.	8	10	10	Fair	To Remain	N/A
6	Flango	Mangifera Indica	4	8	6	Poor	To Be Removed	29 Sq. Ft.
7	Corn Plant	Dracaena Spp.	2 x 4	12	6	Fair	To Be Removed	29 Sq. Ft.
8	Solitaire Palm	Rhynchospora Elegans	3	30	5	Fair	To Be Removed	20 Sq. Ft.
9a	Veitchia Palm (double trunk)	Veitchia Spp.	4	15	5	Fair	To Be Removed	20 Sq. Ft.
9b	Veitchia Palm (double trunk)	Veitchia Spp.	2	10	5	Fair	To Be Removed	20 Sq. Ft.
10	Veitchia Palm	Veitchia Spp.	2	10	5	Fair	To Be Removed	20 Sq. Ft.
11	Veitchia Palm	Veitchia Spp.	4	15	5	Fair	To Be Removed	20 Sq. Ft.
12	Wild Plantain	Heliconia Carlibaea	Multiple stems	8	8	Fair	To Be Removed	51 Sq. Ft.
13	Foxtail Palm (triple trunk)	Wodyetia Bilurcata	3 x 3	10	3 x 5	Good	To Be Relocated	0
14	Foxtail Palm (triple trunk)	Wodyetia Bilurcata	3 x 3	11	3 x 5	Good	To Be Relocated	0
15	Desert Cassia	Cassia Polyphylla	2	7	4	Fair	To Be Relocated	0
16	Wild Plantain	Heliconia Carlibaea	4	5	8	Fair	To Be Removed	51 Sq. Ft.
17	Green Buttonwood	Gonocarpus Erectus	n/a	12	8	Poor	To Be Removed	51 Sq. Ft.
18a	Solitaire Palm (double trunk)	Rhynchospora Elegans	4	30	5	Fair	To Be Removed	20 Sq. Ft.
18b	Solitaire Palm (double trunk)	Rhynchospora Elegans	3	15	5	Fair	To Be Removed	20 Sq. Ft.
19	Solitaire Palm	Rhynchospora Elegans	3	25	2	Poor	To Be Removed	4 Sq. Ft.
20	Bamboo Palm (Cluster)	Chimesedorea Erumpens	10 x 1	20	10	Good	To Be Relocated	0
							Total Mitigation	532 Sq. Ft.

W 47 TH STREET

**TREE DISPOSITION PLAN**

SCALE: 1/8" = 1'-0"



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