MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance
BR2206430
09/29/2022 9:08:13 AM

SIDMAN RESIDENCE

6444 ALLISON ROAD
CITY OF MIAMI BEACH
FL, 33141



LANDSCAPE PERMIT SET

05/02/2022

[STRANG] DESIGN
ARCHITECT LICENSE NUMBER: AR100517| 2900 SW 28TH TERRACE, SUITE 301, MIAMI, FL 33133| PH: 305.373.4990

12/08/2021

REGISTERED LANDSCAPE ARCHITECT
MIGUEL HASTINGS
STATE OF FLORIDA
2022.05.03
10:15:16-04'00'

MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance
[STRANG]
BR2206430
2900 SW 28TH TERRACE, SUITE 301
MIAMI, FL 33133
09/29/2022 9:08:13 AM
PH: 305-372-6661 FX: 305-372-1691
ARCHITECT LICENSE NO:AR100517
WWW.STRANG.DESIGN

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GENERAL NOTES:

1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.

2.) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION.

3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.

4.) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.

5.) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.

6.) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

7.) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.

8.) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.

9.) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.

10.) (a)THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES. DISPOSAL ZONES: DEBRIS AND CHEMICALS MUST BE DISCARDED IN DESIGNATED DISPOSAL ZONES. NO DISPOSAL AROUND ESTABLISHED TPZ'S
(b)DESIGNATED PARKING AND STAGING MATERIALS SITES SHOULD BE ESTABLISHED, MARKED AND LIMITED IN THESE AREAS. PRIOR TO CONSTRUCTION, LOCATE EQUIPMENT AND MATERIALS STAGING SITE IN LOCATION OF FUTURE HARDSCAPE AREAS.

11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.

12.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.

13.) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH, REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.

14.) THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SERVICING TEMPORARY TOILET FACILITIES.

GENERAL ABBREVIATIONS	
BLDG.	BUILDING
B.O.C.	BACK OF CURB
CJ	CONTROL JOINT
CLR	CLEAR
EJ	EXPANSION JOINT
EQ	EQUAL
FFE	FINISH FLOOR ELEVATION
F.O.B.	FACE OF BUILDING
HT	HEIGHT
H.P	HIGH POINT
L.A.	LANDSCAPE ARCHITECT
L.O.C.	LIMIT OF CONSTRUCTION
L.P.	LOW POINT
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY
PA	PLANTING AREA
QTY	QUANTITY
R.O.W.	RIGHT OF WAY
SIM.	SIMILAR DETAIL
TD	TOP OF DRAIN
T.O.C.	TOP OF CURB
TW	TOP OF WALL
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

PLANTING ABBREVIATIONS	
B&B	BALLED AND BURLAPPED
CAL.	CALIPER
CT	CLEAR TRUNK
CRZ	CRITICAL ROOT ZONE
FG	FIELD GROWN
GAL.	GALLON
GW	GREY WOOD
HT	HEIGHT
MIN.	MINIMUM
MULTI	MULTI-TRUNK
OA	OVERALL
O.C.	ON CENTER
QTY	QUANTITY
SPRD.	SPREAD
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

LANDSCAPE NOTES AND SPECIFICATIONS:

1. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN THE CURRENT GRADES AND STANDARDS FOR NURSERY PLANTS, 2ND EDITION, FEBRUARY 1998, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY. CO-DOMINANT TREES AND TREES WITH BARK INCLUSION WILL NOT BE ACCEPTED.
2. ALL PLANT MATERIAL USED SHALL BE TRUE TO NAME AND SIZE IN CONFORMITY WITH THE FLORIDA NURSERYMEN'S GRADES AND STANDARDS. PLANTS THAT DO NOT MEET THE SPECIFICATIONS WILL NOT BE ACCEPTED.
3. THE PLAN AND PLANT LIST SHALL DETERMINE ALL PLANT QUANTITIES, SIZES AND LOCATION. THE SIZE SPECIFIED ON THE PLANT LIST SHALL TAKE PRECEDENT OVER A CONTAINER SIZE. SPACING OF GROUND COVERS WILL BE DETERMINED BY THE PLANT LIST. QUANTITIES SHOWN ON PLANT LISTS ARE TO BE USED AS A GUIDELINE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VERIFICATION OF ACTUAL QUANTITIES CALLED FOR ON PLANS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. BIDS ACCEPTED FOR THE PROJECT NEED TO MATCH SPECIFIED MATERIAL SIZES.
4. ALL PLANT MATERIALS SCHEDULED FOR INSTALLATION SHALL BE INSPECTED AND PHOTOGRAPHED BY LANDSCAPE ARCHITECT 30 DAYS PRIOR TO SCHEDULED INSTALLATION. LANDSCAPE ARCHITECT SHALL VERIFY PLANT MATERIAL FOR THEIR CONFORMITY TO SPECIFICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONDITION OF ALL PLANT MATERIAL FROM TIME OF INSPECTION BY THE LANDSCAPE ARCHITECT TO THE TIME OF INSTALLATION. IF CONDITION OF THE PLANT MATERIAL (SIZE, QUALITY & HEALTH) IS REDUCED FROM THE TIME OF INSPECTION, THAT PLANT MATERIAL WILL BE REJECTED.
5. CONTRACTOR SHALL NOTIFY/VERIFY WITH LANDSCAPE ARCHITECT, THE AVAILABILITY (QUANTITY AND QUALITY DESCRIBED IN THE DRAWINGS) OF ALL PLANT MATERIAL SPECIFIED AT THE TIME OF THE BID.
6. CONTRACTOR SHALL SUBMIT TO THE LANDSCAPE ARCHITECT, PROOF THAT MATERIALS HAVE BEEN SECURED 60 DAYS PRIOR TO THE SCHEDULED INSTALLATION. IF SUBSTITUTIONS ARE REQUIRED, LANDSCAPE ARCHITECT WILL RE-SPECIFY AND CONFIRM THAT NEWLY SPECIFIED MATERIALS ARE AVAILABLE (QUANTITY AND QUALITY DESCRIBED IN THE DRAWINGS). CONTRACTOR TO SUBMIT TO THE LANDSCAPE ARCHITECT, PROOF THAT THE NEWLY SPECIFIED MATERIALS HAVE BEEN SECURED 45 DAYS PRIOR TO SCHEDULED INSTALLATION.
7. NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT PRIOR WRITTEN CONSENT OF LANDSCAPE ARCHITECT. ANY INTENDED SUBSTITUTIONS SHALL BE DETAILED ON THE BID.
8. CONTRACTOR SHALL NOTIFY S.U.N.S.H.I.N.E. (1-800-432-4770) FOR LOCATIONS OF EXISTING UTILITY LINES 48 HOURS PRIOR TO BEGINNING WORK. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITY LINES AND EASEMENTS PRIOR TO COMMENCING ANY WORK. EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES SHALL BE UNDERTAKEN WITH CARE AND BY HAND, IF NECESSARY. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
9. ALL TREES SHALL BE WARRANTED BY THE CONTRACTOR AND WILL BE HEALTHY AND IN FLOURISHING CONDITION OF ACTIVE GROWTH ON YEAR FROM DATE OF FINAL ACCEPTANCE.
10. GC RESPONSIBLE FOR VIABILITY OF RELOCATED PLANT MATERIAL FOR 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION, OCCUPANCY OR LONGER ACCORDING TO LOCAL REQUIREMENTS. GC TO PROVIDE CARE AND MAINTENANCE PLANS FOR EACH RELOCATED PLANT TO OWNER AT PROJECT CLOSEOUT. GC RESPONSIBLE FOR WATERING AND OTHER NECESSARY CARE FOR PLANT MATERIALS AND RELOCATED MATERIALS FOR DURATION OF PROJECT.
11. OWNER IS RESPONSIBLE FOR DOCUMENTING CARE OF PLANTS UPON PROJECT COMPLETION UNTIL FINAL LANDSCAPE INSPECTION COMPLETED.RECOMMENDED QUARTERLY IMAGES.
12. ALL SHRUBS, GROUNDCOVERS, VINES AND SOD SHALL BE FULLY WARRANTED FOR 180 DAYS UNDER SAME CONDITION AS ABOVE.
13. ALL PLANTS SHALL BE EXCEPTIONALLY HEAVY, SYMMETRICAL, TIGHT KNIT AND SO TRAINED IN APPEARANCE AS TO BE SUPERIOR TO FORM, BRANCHING AND SYMMETRY.
14. ALL LANDSCAPE SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES.
15. THE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST, SHOULD THERE BE ANY DISCREPANCY BETWEEN THE TWO.
16. GRADE B+, SHREDDED MELALEUCA OR APPROVED NON-CYPRESS MULCH MINIMUM 3" DEEP, SHALL BE USED IN ALL MASS PLANTING BEDS AND FOR INDIVIDUAL TREE PITS. ALL TREES SHALL HAVE A MULCH RING WITH A MINIMUM DEPTH OF 3" AND A DIAMETER OF 3'-4" AROUND THEIR BASE. ALL MULCH SHALL BE KEPT 2" FROM THE BASE OF ALL PLANT MATERIAL. MULCH BEDS SHALL BE A MINIMUM OF 12" WIDER THAN PLANTS MEASURED FROM OUTSIDE EDGE OF FOLIAGE. NO EUCALYPTUS OR RED COLORED MULCH WILL BE ACCEPTED.
17. SOD SHALL BE 'EMPIRE TURF' ZOYSIA OR ST. AUGUSTINE 'FLORATAM' SOLID AND FREE OF WEEDS, INSECTS, FUNGUS AND DISEASE, LAID WITH ALTERNATING AND ABUTTING JOINTS. CONTRACTOR TO DETERMINE QUANTITY.
18. ALL TREES AND SHRUBS SHALL BE BACKFILLED WITH A SUITABLE PLANTING SOIL CONSISTING OF 50 PERCENT SAND AND 50 PERCENT APPROVED COMPOST. (NOTE: FIELD OBSERVATION AND SOIL ANALYSIS MAY REQUIRE A DIFFERENT SOIL COMPOSITION TO BE PROVIDED.) ALL PLANT MATERIALS SHALL BE PLANTED WITH A MINIMUM OF EIGHT TO TWELVE INCHES OF THIS PLANTING SOIL AROUND AND BENEATH THE ROOT BALL. REFER TO PLANTING DETAILS. PLANTING BEDS AND PLANTING SOIL SHALL BE FREE FROM ROAD, PEA, EGG, OR COLORED ROCK, BUILDING MATERIALS, DEBRIS, WEEDS, NOXIOUS PESTS AND DISEASE.
19. ALL SODDED AREAS TO HAVE A MINIMUM OF 2" OF PLANTING SOIL AS DESCRIBED IN CONDITION ABOVE. SOD SHALL BE DENSE, GREEN AND WELL ROOTED AND FREE OF DEBRIS, WEEDS, OBJECTIONAL GRASSES, DISEASE OR INFECTUOUS INSECTS. A COMPLETE 6-6-6 FETILIZER SHALL BE SPREAD AT A RATE OF 5 LBS. PER 100 SQ. FT. SOD SHAL BE WATERED TO A DEPTH OF 4" AFTER LAYING. ALL AREAS TO BE SODDED SHALL BE RAKED SMOOTH AND ALL DEBRIS REMOVED PRIOR TO INSTALLATION.
20. ALL SYNTHETIC BURLAP, SYNTHETIC STRING OR CORDS OR WIRE BASKETS SHALL BE REMOVED BEFORE ANY TREES ARE PLANTED. ALL SYNTHETIC TAPE SHALL BE REMOVED FROM TRUNKS, BRANCHES, ETC. BEFORE INSPECTION. THE TOP 1/3 OF ANY NATURAL BURLAP SHALL BE REMOVED OR TUCKED INTO THE PLANTING HOLE BEFORE TREES ARE BACK FILLED. PLANTING SOIL TO BE BACKFILLED INTO PLANT PITS BY WASHING IN.
21. ALL TREES, PALMS AND OTHER PLANTS SHALL BE PLANTED WITH THE TOP OF THEIR ROOT BALLS NO DEEPER THAN THE FINAL GRADE SURROUNDING THE PLANTING AREA.
22. ALL TREES 8' OR TALLER SHALL BE GUYED OR STAKED TO PROVIDE AMPLE SUPPORT SUCH THAT THE MATERIAL WILL STAY UPRIGHT AND TRUE THROUGH THE GUARANTEE PERIOD. METHODS USED WILL BE SUCH THAT NO INJURY IS CAUSED TO PLANTS. GUYING SHALL BE DONE AT THE OPTION OF THE CONTRACTOR UNLESS SPECIFICALLY REQUESTED BY THE LANDSCAPE ARCHITECT, HOWEVER, CONTRACTOR SHALL STILL BE RESPONSIBLE FOR ALL TREES AND PALMS REMAINING STRAIGHT AND TRUE THROUGHOUT THE GUARANTEE PERIOD.
23. IN AREAS WHERE PAVED SURFACES ABUT SOD OR MULCH, THE FINAL GRADE LEVEL OF BOTH SURFACES SHALL BE EVEN.
24. ALL PLANTING SHALL BE INSTALLED IN A SOUND, WORKMANLIKE MANNER AND ACCORDING TO GOOD PLANTING PROCEDURES. INSTALLATION SHALL INCLUDE WATERING, WEEDING, FERTILIZING, MULCHING, SELECTIVE PRUNING, AND REMOVAL OF REFUSE AND DEBRIS ON REGULAR BASIS SO AS TO PRESENT A NEAT AND WELL KEPT APPEARANCE AT ALL TIMES.
25. MILORGANITE FERTILIZER SHALL BE APPLIED AFTER PLANTING AND PRIOR TO MULCHING AT THE MANUFACTURERS RECOMMENDED APPLICATION RATES. IN ADDITION, AGRIFORM TABLETS (FORMULA 20-10-5) SHALL ALSO BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATES TO ALL PLANTS LARGER THAN 3 GAL. SIZE.
26. ALL TREES AND LARGE PALMS INCLUDING ROYAL AND DATE PALMS SHALL BE PLANTED A MINIMUM OF 5'-0" FROM ANY HARDSCAPE AREA AND MINIMUM OF 8'-0" FROM ALL STRUCTURES.
27. ALL PALMS NOT INCLUDING ROYAL AND DATE PALMS SHALL BE PLANTED A MINIMUM OF 3'-0" FROM ANY HARDSCAPE AREA AND MINIMUM OF 5'-0" FROM ALL STRUCTURES, DEPENDING ON SPECIES AND LENGTH OF PALM FROND.
28. ALL PLANTS SHALL BE PLANTED AT SOIL LEVELS AT WHICH THEY WERE PREVIOULSY GROWN. SHRUB AND HEDGE MATERIAL SHALL BE PLANTED A MIN. 2' AWAY FROM WALLS OR OTHER OBSTRUCTIONS. MATERIAL WITH A MATURE SIZE GREATER THAN ANY OVERHANGS SHALL BE PLANTED AWAY FROM OVERHANGS SO AS NOT TO IMPEDE THE NATURAL GROWTH HABIT. SABAL PALMS ARE TO BE PLANTED DIRECTLY IN SAND. IF NECESSARY, EXCAVATE THROUGH ANY COMPACTED BUILDING SUBGRADE TO UNDISTURBED SOIL AND BACKFILL WITH PLANTING SOIL. BEFORE PLANTING ALL PLANTING BEDS SHALL BE FREE OF DEBRIS AND ROADROCK. REMOVAL OF DEBRIS AND ROADROCK SHALL EXTEND TO A DEPTH OF 30 INCHES BELOW FINISHED GRADE.
29. ALL PLANT MATERIAL SHALL BE WATERED THOROUGHLY AFTER INSTALLATION SO AS TO REMOVE ALL AIR POCKETS. B & B MATERIAL SHALL BE WATERED EVERYDAY FOR A MINIMUM ONE WEEK PERIOD AND THEREAFTER SO AS TO KEEP CONTINUALLY MOIST UNTIL FINAL ACCEPTANCE OF THE LANDSCAPE INSTALLATION. CONTRACTOR SHALL NOTIFY OWNER OF OTHER WATERING REQUIREMENTS AFTER INSTALLATION.
30. ALL LANDSCAPE AND SOD AREAS SHALL HAVE AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM INSTALLED. SYSTEM SHALL BE DESIGNED TO HAVE A MIN. 100% COVERAGE WITH A MIN. 50% OVERLAP FROM A RUST FREE WATER SOURCE. THE IRRIGATION SYSTEM SHALL BE INSTALLED WITH A RAIN-SWITCH DEVICE THAT SHALL BE MOUNTED ACCORDING TO FLORIDA BUILDING CODE APPENDIX F. ALL IRRIGATION SHALL MINIMIZE SPRAY UPON PUBLIC SIDEWALKS, STREETS AND ADJACENT PROPERTIES. SODDED AREAS AND SHRUB/GROUNDCOVER BEDS SHOULD BE ON SEPARATE IRRIGATION ZONES FOR A MORE EFFICIENT SYSTEM.
31. GC TO REFER TO SYN-LAWN MANUFACTURER SPECIFICATIONS FOR BASE OVERFILL REQUIREMENTS AND INSTALLATION TO PROVIDE ADEQUATE PERCOLATION OF THIS PRODUCT.
32. GC TO REFER TO CIVIL AND LANDSCAPE SETS FOR SYN-LAWN LOCATIONS, BASE OVERFILL SPECIFICATIONS AND PERCOLATION REQUIREMENTS
33. GC TO PROVIDE TEST RESULTS TO THE GEOTECHNICAL ENGINEER FOR APPROVAL OF THE COMPACTED AGGREGATE BASE OVERFILL ON ALL AREAS WHERE SYN-LAWN WILL BE USED IN THIS PROJECT.
34.GC TO PROVIDE TEST RESULTS TO THE BUILDING AND ENGINEERING DEPTS OF MUNICIPALITY FOR APPROVAL.
35. GC TO REFER TO LISTINGS AND RECOMMENDATIONS FOR SOIL CLASSIFICATIONS AND REQUIREMENTS FOR ACCEPTABLE FILL ON THE GEO-TECHNICAL REPORT FOR THIS PROJECT.
36. CG TO CONDUCT SOIL TESTS ON THE STOCKPILE OF ANY FILL TO BE USED FOR THE SITE. SAMPLES WILL NEED TO BE TAKEN FROM THE STOCKPILE AND MUST BE FREE OF SILT AND CLAY AMONG OTHER REQUIREMENTS.
37. GC TO CONTACT THE GEOTECHNICAL ENGINEER FOR INSPECTION AND APPROVAL OF SITE PRIOR TO PROCEEDING WITH COMPACTION REQUIREMENTS.
38. GC TO PROVIDE A CERTIFIED DENSITY TEST REPORT TO THE STRUCTURAL ENGINEER BEFORE CONSTRUCTION OF THE FOUNDATIONS FOR FORMAL APPROVAL
39. NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO DELIVERY, AND THAT TREES DELIVERED WITH THE NURSERY POLES WILL NOT BE ACCEPTED; AND THEREFORE REJECTED, WITH THE EXCEPTION OF THE FOLLOWING TREE SPECIES: CLUSIA ROSEA AND SILVER BUTTONWOOD TREES.
40. TREE REMOVAL AND RELOCATION PERMITS SHALL BE OBTAINED FROM THE CITY OF MIAMI BEACH PRIOR TO ANY TREE OR PALM REMOVAL OR RELOCATION ON THE PROPERTY. SEE LANDSCAPE DRAWINGS FOR MITIGATION PLANTING LOCATIONS AND SPECIFICATIONS

LIGHTING NOTES:

LAYOUT
LIGHTING FIXTURE LOCATIONS ARE SHOWN SCHEMATICALLY AND SHALL BE ADJUSTED BASED ON FIELD CONDITIONS. LANDSCAPE ARCHITECT TO FIELD VERIFY FIXTURE LOCATIONS DURING INSTALLATION AND OBSERVE FIXTURE ADJUSTMENT DURING NIGHT-TIME HOURS. OWNER AND LANDSCAPE ARCHITECT ARE TO APPROVE ALL FIXTURES AND FINISH SELECTIONS PRIOR TO PURCHASE AND INSTALLATION
ALL FIXTURES ARE TO BE CERTIFIED WILDLIFE COMPLIANT AND TO BE INSTALLED PER FDEP WILDLIFE REQUIREMENTS.
INSTALLATION
LIGHTING CONTRACTOR TO CONNECT TRANSFORMERS TO ANY EXISTING INTERIOR AUTOMATION SYSTEMS, (Lutron, etc..),
OR AS PER GENERAL CONTRACTOR'S INSTRUCTION.
LIGTHING CONTRACTOR MAY ADD AN ADDITIONAL TRANSFORMER IN THE INTEREST OF REDUCING THE LENGTH OF A PARTICULAR WIRING CIRCUIT.
ALLOW 25W LOAD PER FIXTURE LEAVING 25% OPEN FOR FUTURE FIXTURES.
SOME FIXTURES MAY REQUIRE AN ADDITIONAL 18" MOUNTING STAKE AS ADJACENT PLANTING MAY DICTATE.
LANDSCAPE LIGHTING SHOULD BE REEVALUATED AFTER 6 MONTHS TO CHECK FOR VOLTAGE DROP IN CIRCUITS.
ELECTRICAL / LANDSCAPE CONTRACTOR TO PROVIDE CUT SHEETS TO LANDSCAPE ARCHITECT FOR REVIEW & APPROVAL PRIOR TO PURCHASE AND INSTALLATION \ GFCI OUTLETS FOR LOW VOLTAGE TRANSFORMERS TO BE CONNECTED TO MAIN RESIDENCE LIGHTING CONTROLS

PIPE INSTALLATION + SLEEVE NOTES

FLORIDA BUILDING CODE - APPENDIX F PIPE INSTALLATION - DEPTH OF COVER		FLORIDA BUILDING CODE - APPENDIX F - SLEEVE SIZES - PART V -A-6	
VEHICLE TRAFFIC AREAS		VEHICLE TRAFFIC AREAS	
PIPE SIZE (INCHES)	DEPTH OF COVER (INCHES)	WATER PIPE SIZE (INCHES)	SLEEVE SIZE (INCHES)
1/2" TO 2 1/2"	18" TO 24"	3/4"	2 1/2"
3" TO 5"	24" TO 30"	1"	3"
6" OR GREATER	30" TO 36"	1 1/4"	4"
NON-VEHICLE TRAFFIC AREAS + NON-CULTIVATED AREAS		1 1/2"	5"
PIPE SIZE (INCHES)	DEPTH OF COVER (INCHES)	2"	6"
1/2" TO 1 1/4"	6" TO 12"	3"	
1 1/2" TO 2"	12" TO 18"	4"	
2 1/2" TO 3"	18" TO 24"	SLEEVES TO EXTEND A MINIMUM OF 3" BEYOND ALL PAVED AREAS. BACKFILL AND COMPACTION PER APPENDIX F	
4" OR GREATER	24" TO 36"		

IRRIGATION PLAN NOTES

ALL MAIN LINES, LATERAL LINES AND IRRIGATION SPRINKLER COMPONENT LOCATIONS ARE SHOWN SCHMATICALLY AND SHALL BE ADJUSTED BASED ON FIELD CONDTIONS. ALL LANDSCAPE AREAS TO RECEIVE 100% COVERAGE WITH A MINIMUM 50% OVERLAP BY A FULLY AUTOMATIC IRRIGATION SYSTEM WITH RAIN SENSOR. AFTER SITE INVESTIGATION THE LANDSCAPE CONTRACTOR IS TO PROVIDE A 'SHOP DRAWING' DETAILING THE PROPOSED IRRIGATION SYSTEM DESIGN TO THE LANDSCAPE ARCHITECT/DESIGNER AND GENERAL CONTRACTOR.

A ROUGH INSPECTION IS REQUIRED BY THE
TRENCH BACKFILLING AND A FINAL INSPECTION SHALL BE REQUIRED PRIOR TO COMPLETION OF IRRIGATION WORK.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) WATER RESTRICTIONS, PHASE II ARE IN EFFECT. NEW LANDSCAPE INSTALLATION SHALL BE EXEMPT PER SFWMD FOR A PERIOD OF SIXTY (60) DAYS AFTER INSTALLATION WITH CONTRACTOR AND/OR OWNER TO ASSUME RESPONSIBILITY AFTER SIXTY (60) DAY PERIOD.

USE EXTREME CAUTION IN ALL AREAS TO AVOID ROOTS OF EXISTING TREES, PALMS AND VEGETATION. HAND EXCAVATE AS NECESSARY AND ADJUST ALL MAIN AND LATERAL IRRIGATION LINES BASED ON FIELD CONDITIONS.
TRENCHING THROUGH ROOT ZONES SHALL BE AVOIDED AND ALL IRRIGATION LINES ARE TO RUN OUTSIDE OF THE ROOT ZONES OF ALL EXISTING VEGETATION.

IRRIGATION LEGEND

WM — NEW IRRIGATION WATER METER AS PER ALL APPLICABLE CODES AND SPECIFICATIONS CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR METER AND BACKFLOW PREVENTOR TO LANDSCAPE ARCHITECT FOR APPROVAL.

RPZ (REDUCED PRESSURE ZONE)
REFER TO CIVIL ENGINEERS PLANS

1" MASTER VALVE FOR TOTAL SYSTEM SHUT OFF. CONNECT TO CONTROLLER. INSTALLATION AND MATERIALS TO MEET ALL APPLICABLE CODES AND ORDINANCES.

C — RAINBIRD CONTROLLER MODEL ESP-LX, INSTALL IN BUILDING'S ELECTRICAL ROOM. REFER TO ELECTRICAL ENGINEER'S PLANS.

R — RAINBIRD "RSD" RAIN SENSOR TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

JB — JUNCTION BOX WITH WATERPROOF CONNECTORS. REFER TO ELECTRICAL ENGINEER'S PLANS

1" TO 1-1/2" ELECTRIC VALVES - RAINBIRD PEB SERIES OR APPROVED EQUAL, IN 10" ROUND VALVE BOX

SCHEDULE 40 PVC MAINLINE, SIZE TO BE 1" DIAMETER

SCHEDULE 200 PVC LATERAL LINES

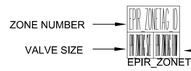
PIPE IN PVC SLEEVES, SEE SIZING CHART

3/4" IRRIGATION DRIP TUBING

PIPE CONNECTION

PIPE CROSSING

ZONE INFORMATION BOX



RAINBIRD 1800 PRS - U SERIES NOZZLE
10", 12", 15" POP-UP / QUARTER, HALF, FULL RADIUS
DIAMETERS AS NOTED

RAINBIRD 1800 SERIES STRIP-TYPE
15EST (END STRIP) + 15SCT (CENTER STRIP) 1.5 GPM

RAINBIRD 5-SERIES, MPR STREAM BUBBLER NOZZLES, 5' RADIUS, 1.5 GPM

SIDMAN RESIDENCE

Issue Description:
Project Status

Revision Schedule

#	DATE	DESCRIPTION
2	05/02/2022	REVISION 1
1	01/14/2022	PERMIT SUBMITTAL

6444 ALLISON ROAD
CITY OF MIAMI BEACH
FL, 33141

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CORAL GABLES, FL 33134

MEP ENGINEER:
OSCAR SEBELEN
RCI ENGINEERING
5230 S. UNIVERSITY DRIVE,
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DAVIE, FL 33328

CIVIL ENGINEER:
MATTHEW SPEATH
SPEATH ENGINEERING
1111 BRICKELL AVENUE
MIAMI, FL 33131

LANDSCAPE ARCHITECT:
MIGUEL HASTINGS, RLA
2900 SW 28TH TERRACE
SUITE 301
MIAMI, FL 33133

INTERIOR DESIGN CONSULTANT:
BEAUCHEMIN GRASSI INTERIORS
46 WALTHAM STREET, ST 3A
BOSTON, MA 02118
GENERAL CONTRACTOR:
TBD

PROFESSIONAL SEAL(S):



ARCHITECT LICENSE NO:AR100517

GENERAL NOTES

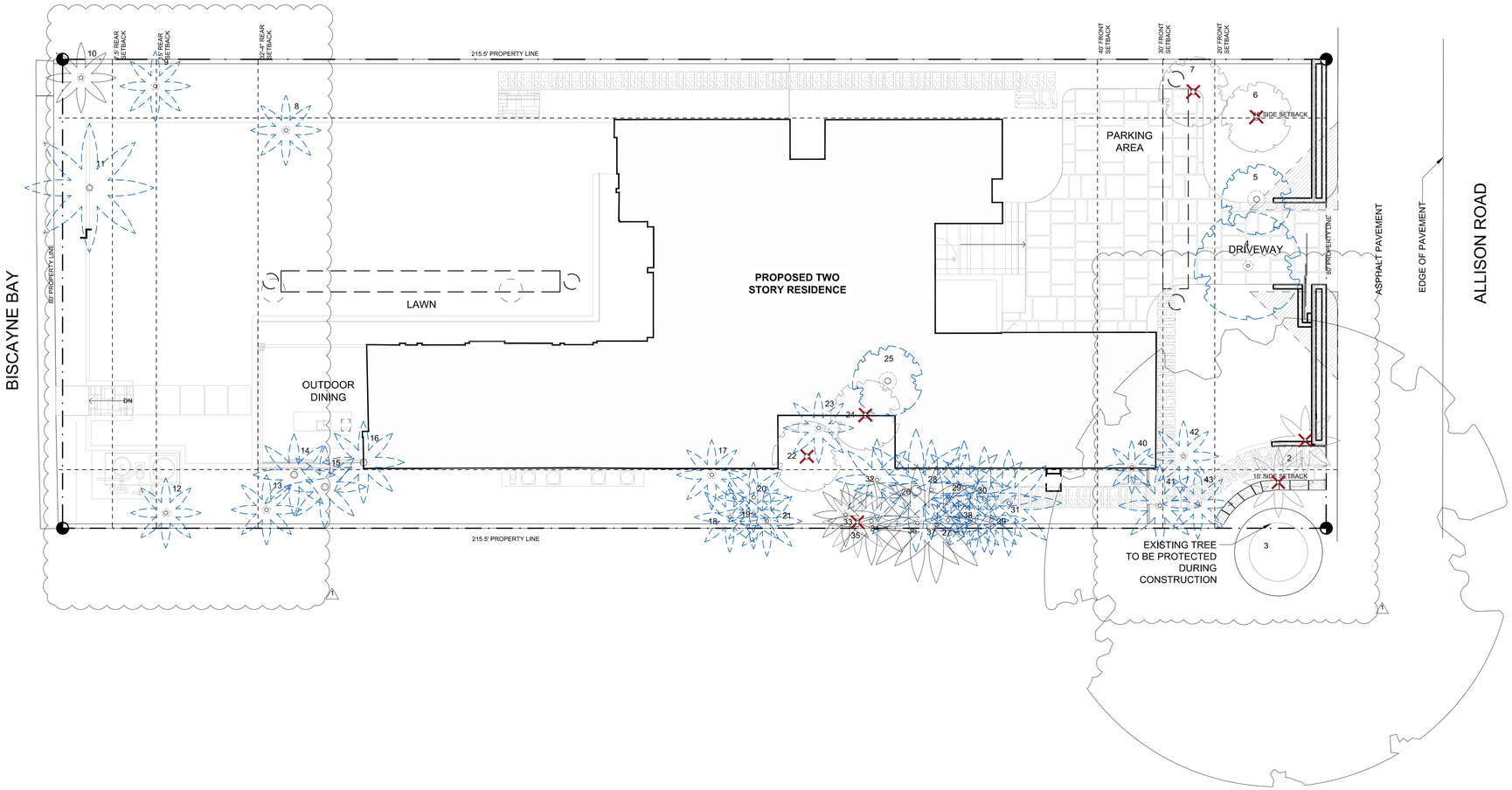
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Issue Date: 05/02/2022

MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance



GENERAL NOTES

WORK PERMIT HAS BEEN ISSUED DURING SITE DEVELOPMENT AND CONSTRUCTION ON PRIVATE OR PUBLIC PROPERTY.

ANY OWNER, TENANT, CONTRACTOR OR AGENT THEREOF WHO FAILS TO PROVIDE TREE PROTECTION, AS SET FORTH HEREIN, SHALL BE SUBJECT TO ENFORCEMENT AS PROVIDED IN SECTION 46-67.

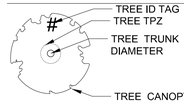
TREES DESTROYED OR INCURRING MAJOR DAMAGE MUST BE REPLACED BY TREES OF EQUAL ENVIRONMENTAL VALUE, AS SPECIFIED BY THE ENVIRONMENT AND SUSTAINABILITY DEPARTMENT, PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY OR CERTIFICATE OF USE, UNLESS REMOVAL OF THE TREES HAS BEEN AUTHORIZED PURSUANT TO A TREE WORK PERMIT.

TREE PROTECTION ZONES MUST BE ESTABLISHED FOR ALL TREES THAT REMAIN IN PLACE ON-SITE AND FOR ANY TREES RELOCATED WITHIN OR TO THE SITE. WHEN PROPOSED DEVELOPMENT ACTIVITIES MAY DAMAGE THE ROOT SYSTEMS OR CANOPIES OF TREES TO BE RETAINED OR RELOCATED ON-SITE, ALTERNATIVES TO THE PROPOSED ACTIVITIES OR EFFECTIVE PROTECTIVE MEASURES, SHALL BE IDENTIFIED AND USED.

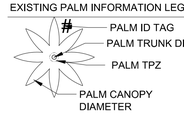
TREE REMOVAL AND RELOCATION PERMITS SHALL BE OBTAINED FROM THE CITY OF MIAMI BEACH PRIOR TO ANY TREE OR PALM REMOVAL OR RELOCATION ON THE PROPERTY. SEE LANDSCAPE DRAWINGS FOR MITIGATION PLANTING LOCATIONS AND SPECIFICATIONS.

TREE DISPOSITION LEGEND

EXISTING TREE INFORMATION LEGEND



EXISTING PALM INFORMATION LEGEND



TREE/ PALM DISPOSITION LEGEND

- X — TREES/ PALMS TO REMOVE
- TREES/ PALMS TO RELOCATE
- TREES/ PALMS TO REMAIN

SITE LEGEND

- PROPOSED EXFILTRATION TRENCH. REFER TO CIVIL.

1 TREE DISPOSITION PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

N
NORTH

[STRANG]
2900 SW 28TH TERRACE, SUITE 301
MIAMI, FL 33133
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6444 ALLISON ROAD
CITY OF MIAMI BEACH
FL, 33141

MATTHEW AND LORI SIDMAN

ARCHITECT:
GRIFFIN K. MORRIS, RA
2900 SW 28TH TERRACE
SUITE 301
MIAMI, FL 33133

STRUCTURAL ENGINEER:
ALEX ROCHELL
ROCHELL ENGINEERING, INC.
205 SANTILLANE AVENUE
CORAL GABLES, FL 33134

MEP ENGINEER:
OSCAR SEBELEN
RCI ENGINEERING
5230 S. UNIVERSITY DRIVE,
SUITE 106
DAVIE, FL 33328

CIVIL ENGINEER:
MATTHEW SPEATH
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1111 BRICKELL AVENUE
MIAMI, FL 33131

LANDSCAPE ARCHITECT:
MIGUEL HASTINGS, RLA
2900 SW 28TH TERRACE
SUITE 301
MIAMI, FL 33133

INTERIOR DESIGN CONSULTANT:
BEAUCHEMIN GRASSI INTERIORS
46 WALTHAM STREET, ST 3A
BOSTON, MA 02118
GENERAL CONTRACTOR:
TBD

PROFESSIONAL SEAL(S):

REGISTERED LANDSCAPE ARCHITECT
MIGUEL HASTINGS
LICENSE NO. LA6666758
STATE OF FLORIDA
2022.05.03 10:16:59-04'00'

ARCHITECT LICENSE NO:AR100517

SIDMAN RESIDENCE

Issue Description:
Project Status

Revision Schedule

#	DATE	DESCRIPTION
1	05/02/2022	REVISION 1
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TREE DISPOSITION PLAN

L-100

MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance

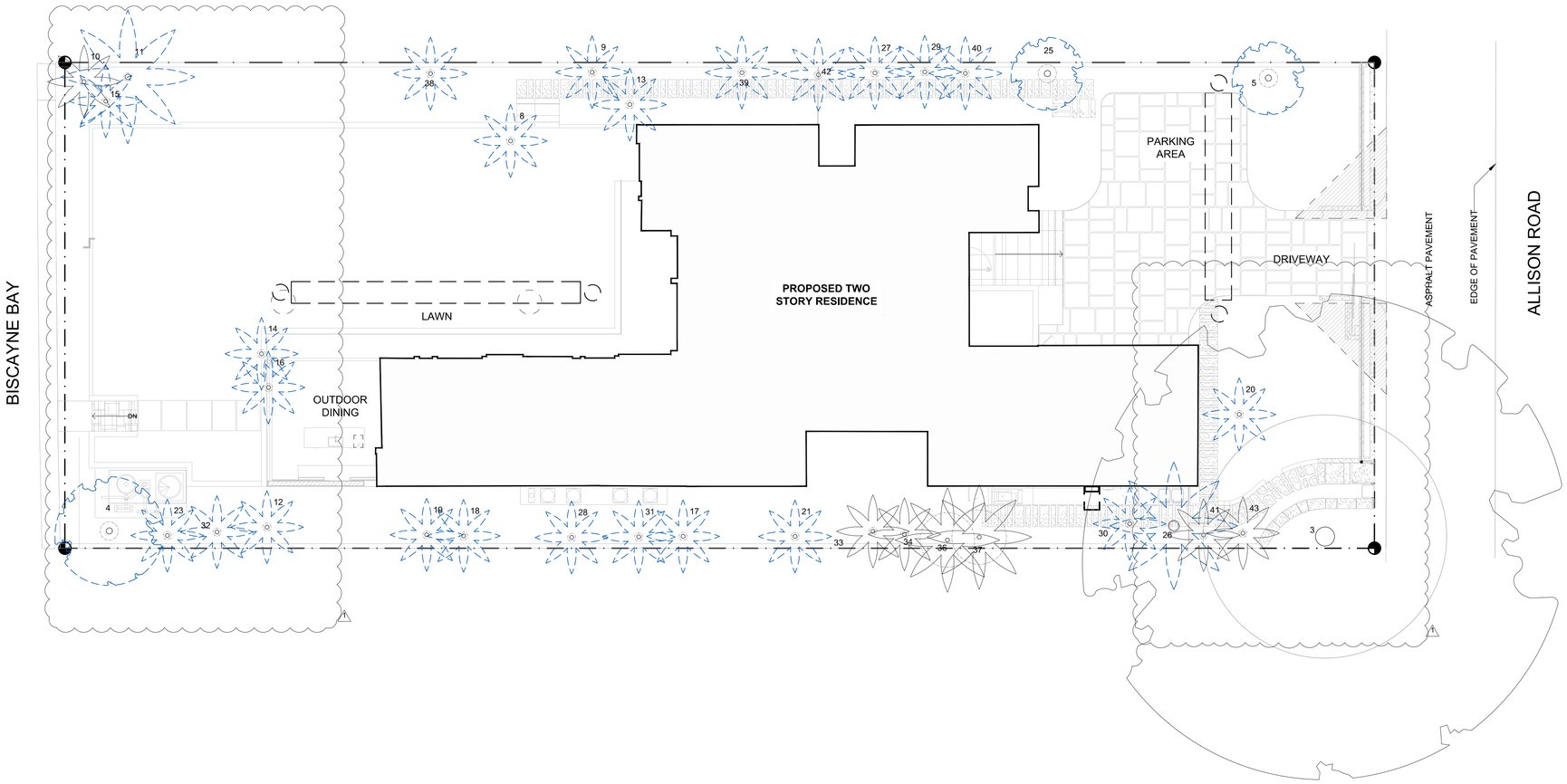
TREE RELOCATION LEGEND

TREES/ PALMS SHOWN IN RELOCATED POSITION

TREES/ PALMS TO REMAIN

SITE LEGEND

PROPOSED EXFILTRATION TRENCH. REFER TO CIVIL.



1 TREE RELOCATION PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

NORTH

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46 WALTHAM STREET, ST 3A
BOSTON, MA 02118
GENERAL CONTRACTOR:
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PROFESSIONAL SEAL(S):

REGISTERED LANDSCAPE ARCHITECT MIGUEL HASTINGS STATE OF FLORIDA
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TREE RELOCATION PLAN

L-101

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TREE DISPOSITION SUMMARY

Tree disposition summary					
	Remain	Relocate	Remove	Total trees	Total Palms
Trees	1	3	4	8	
Palms	5	27	3	35	
Total invasive species included in total trees					
Total dead palm/trees inlcuded in total palms/trees (refer to arborist chart)				0	

NOTES:

TREE REMOVAL AND RELOCATION PERMITS SHALL BE OBTAINED FROM THE CITY OF MIAMI BEACH PRIOR TO ANY TREE OR PALM REMOVAL OR RELOCATION ON THE PROPERTY. SEE LANDSCAPE DRAWINGS FOR MITIGATION PLANTING LOCATIONS AND SPECIFICATIONS.

TREE DISPOSITION CHART

Disposition	Tree #	Common Name Botanical Name	DBH (inches)	Height (feet)	SPR (feet)	Condition	ANSI TPZ Factor	ANSI TPZ Radius (feet)
Remove	1	Spindle Palm (triple) Hyophorbe verschafeltii	30	8CT 11OA	11	Good	6	15
Remove	2	Royal Palm Roystonea regia	15	18CT 26OA	20	Moderate	6	8
Remain	3	Ficus Benghalensis Ficus benghalensis	15ft	40	80	Moderate	10	N/A
Relocate	4	Pandanus Pandanus spp	6	24	17	Good	10	5
Relocate	5	Pandanus Pandanus spp	7	25	15	Good	10	6
Remove	6	Pandanus Pandanus spp	7	15	12	Poor	10	6
Remove	7	Japanese Fern Tree Filicium decipiens	10	18	10	Poor	10	8
Relocate	8	Solitaire Palm (triple) Ptychosperma elegans	8	18CT 23OA	14	Good	6	4
Relocate	9	Adonidia Palm (multi) Veitchia merrillii	15	20CT 24OA	14	Good	6	8
Remain	10	Adonidia Palm (multi) Veitchia merrillii	12	20CT 24OA	12	Good	6	6
Relocate	11	Coconut Palm Cocos nucifera	11	15CT 26OA	21	Good	6	6
Relocate	12	Spindle Palm (double) Hyophorbe verschafeltii	30	10CT 16OA	8	Good	6	15
Relocate	13	Spindle Palm (double) Hyophorbe verschafeltii	10	10CT 16OA	8	Good	6	5
Relocate	14	Montgomery Palm (multi) Veitchia arecina	15	21CT 28OA	14	Good	6	8
Relocate	15	Paurotis Palm Acoelorrhaphe wrightii	15	23CT 25OA	17	Good	6	8
Relocate	16	Montgomery Palm (multi) Veitchia arecina	15	21CT 28OA	14	Good	6	8
Relocate	17	Adonidia Palm Veitchia merrillii	6	23CT 27OA	14	Moderate	6	3
Relocate	18	Adonidia Palm Veitchia merrillii	6	23CT 27OA	14	Good	6	3
Relocate	19	Adonidia Palm (double) Veitchia merrillii	11	26CT 31OA	17	Good	6	6
Relocate	20	Montgomery Palm (multi) Veitchia arecina	11	26CT 31OA	17	Good	6	6
Relocate	21	Adonidia Palm (double) Veitchia merrillii	11	26CT 31OA	17	Good	6	6
Remove	22	Japanese Fern Tree Filicium decipiens	9	27	20	Poor	10	8
Relocate	23	Adonidia Palm Veitchia merrillii	6	23CT 27OA	14	Good	6	3
Remove	24	Japanese Fern Tree Filicium decipiens	3	21	9	Moderate	10	3
Relocate	25	Japanese Fern Tree Filicium decipiens	6	20	17	Moderate	10	5
Relocate	26	Adonidia Palm (triple) Veitchia merrillii	14	25CT 30OA	21	Good	6	7
Relocate	27	Adonidia Palm (double) Veitchia merrillii	7	22CT 26OA	8	Good	6	4
Relocate	28	Adonidia Palm (triple) Veitchia merrillii	13	25CT 30OA	17	Good	6	7
Relocate	29	Adonidia Palm (triple) Veitchia merrillii	12	25CT 30OA	16	Good	6	6
Relocate	30	Adonidia Palm (triple) Veitchia merrillii	13	25CT 30OA	18	Good	6	7
Relocate	31	Adonidia Palm (triple) Veitchia merrillii	13	25CT 30OA	18	Good	6	7
Relocate	32	Adonidia Palm (double) Veitchia merrillii	9	25CT 30OA	14	Good	6	5
Remain	33	Adonidia Palm (triple) Veitchia merrillii	11	25CT 30OA	16	Good	6	6
Remain	34	Adonidia Palm (triple) Veitchia merrillii	14	25CT 30OA	17	Good	6	7
Remove	35	Adonidia Palm (triple) Veitchia merrillii	16	25CT 30OA	20	Good	6	8
Remain	36	Adonidia Palm (triple) Veitchia merrillii	17	25CT 30OA	20	Good	6	9
Remain	37	Adonidia Palm (triple) Veitchia merrillii	17	25CT 30OA	17	Good	6	9
Relocate	38	Adonidia Palm Veitchia merrillii	6	18CT 24OA	9	Good	6	3
Relocate	39	Adonidia Palm (triple) Veitchia merrillii	11	19CT 22OA	11	Good	6	6
Relocate	40	Adonidia Palm (double) Veitchia merrillii	5	15CT 20OA	9	Good	6	3
Relocate	41	Chinese Fan Palm (double) Livistona chinesis	12	17CT 23OA	14	Good	6	6
Relocate	42	Chinese Fan Palm Livistona chinesis	8	17CT 23OA	12	Good	6	4
Relocate	43	Chinese Fan Palm (double) Livistona chinesis						
Tree mitigation per DBH		20						
Tree mitigation per palm		2						

6444 ALLISON ROAD
CITY OF MIAMI BEACH
FL, 33141

MATTHEW AND LORI SIDMAN

ARCHITECT:
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2900 SW 28TH TERRACE
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LANDSCAPE ARCHITECT:
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BOSTON, MA 02118
GENERAL CONTRACTOR:
TBD

PROFESSIONAL SEAL(S):

REGISTERED LANDSCAPE ARCHITECT
MIGUEL HASTINGS JR. 6671
STATE OF FLORIDA
2022.05.03 10:17:29-04'00'

ARCHITECT LICENSE NO:AR100517

SIDMAN RESIDENCE

Issue Description:
Project Status

Revision Schedule

#	DATE	DESCRIPTION
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TREE DISPOSITION CHART

L-102

MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District RS-3 Lot Area 17,280 sf Acres 0.39

	REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = _____ s.f.x _____ % = _____ s.f.	*FRONT YARD: REQ. 50% of 2,400 sf =1,200sf *REAR YARD: REQ. 70% of 2,587 sf = 1,811 sf	*FRONT YARD: 1,758 SF *REAR YARD: 1,816 SF
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces _____ x 10 s.f. parking space =	20	20
C. Total square feet of landscaped open space required: A+B=	3,031 SF	3,574 SF
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	3,031 SF	3,574 SF
B. Maximum lawn area (sod) permitted= _____ % x _____ s.f.	1,515 SF	847 SF
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= _____ trees x _____ net lot acres - number of existing trees=	17	15 PROPSED 4 EXISTING TREES 32 EXISTING PALMS
B. % Natives required: Number of trees provided x 30% =	5	9
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	8	9
D. Street Trees (maximum average spacing of 20' o.c.) _____ linear feet along street divided by 20'=	N/A	N/A
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): _____ linear feet along street divided by 20'=	4	4
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	252	632
B. % Native shrubs required: Number of shrubs provided x 50%=	316	317
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	25	45
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	23	23

TABULATION CHART

ARTICLE	DESCRIPTION	REQUIRED	PROPOSED	
Sec. 46-61.	UP TO 30 PERCENT OF THE TWO-INCH DBH REPLACEMENT TREE REQUIREMENT MAY BE MET BY PLANTING NATIVE SPECIES WITHIN PRIVATE PROPERTY, WITH A MINIMUM HEIGHT OF TEN FEET AND A MINIMUM DBH OF ONE AND ONE-HALF INCHES ATTIME OF PLANTING	5	N/A	
Sec. 46-61.(b)	THE REMOVAL OF A PALM AT 15' AND UP SHALL BE REPLACED WITH ONE CANOPY TREE AT 12 FEET OVERALL HEIGHT WITH A TWO-INCH DBH.	2	2	
Sec. 126-6.	THE NUMBER OF REQUIRED TREES LISTED IN TABLE A FOR CATEGORY 1 RESIDENTIAL ZONING DISTRICTS ARE INTENDED FORPROPERTIES UP TO 6,000 SQUARE FEET LOT AREA. PROVIDE ONE ADDITIONAL TREE FOR EACH ADDITIONAL 1,000 SQUAREFEET OF LOT AREA. IF THE TOTAL LOT AREA IS A FRACTION OVER THE ADDITIONAL 1,000 SQUARE FEET THEN, THE NUMBER OF REQUIRED TREES WILL BE ROUNDED UP.	17	14 PROPOSED+4 EXISTING	
Sec. 126-6.	EXISTING TREES REQUIRED BY LAW TO BE PRESERVED ON SITE THAT MEET THE REQUIREMENTS OF MINIMUM TREE SIZE MAY BE COUNTED TOWARD FULFILLING THE MINIMUM TREE REQUIREMENT		4	
Sec. 46-61.	A MINIMUM OF 50 PERCENT OF ALL REPLACEMENT TREES PLANTED SHALL BE NATIVE TO SOUTH FLORIDA	8	9	
	NO LESS THAN 50% OF THE REQUIRED TREES SHALL BE LOW MAINTENANCE OR DROOUGHT AND SALT TOLERANT SPECIES	8	12	
TOTAL DIAMETER OF TREE(S) TO BE REMOVED (SUM OF INCHES AT DBH)	TOTAL NUMBER OF REPLACEMENT TREES REQUIRED (2" DBH MINIMUM EACH; 12' MINIMUM HEIGHT)	OR	TOTAL NUMBER OF REPLACEMENT TREES REQUIRED (4" DBH MINIMUM EACH; 16' MINIMUM HEIGHT)	CONTRIBUTION TOTREE TRUST FUND
2"—3"	1	or	0	$ 1,000.00
4"—6"	2	or	1	$ 2,000.00
7"—12"	4	or	2	$ 4,000.00
13"—18"	6	or	3	$ 6,000.00
19"—24"	8	or	4	$ 8,000.00
25"—30"	10	or	5	$ 10,000.00
31"—36"	12	or	6	$ 12,000.00
37"—42"	14	or	7	$ 14,000.00
43"—48"	16	or	8	$ 16,000.00
49"—60"	20	or	10	$ 20,000.00

MITIGATION CHART

MITIGATION CALCULATION : TOTAL DBH TO BE REMOVED: 20"DBH = 8 TREES AT 2" DBH OR 4 TREES AT 4" DBH. TOTAL PALMS REMOVED AT 15' = 2 TREES AT 2" DBH OR 1 TREE AT 4" DBH		
REQUIRED : 10 TREES AT 2" DBH OR 5 TREES AT 4" DBH. PROVIDED: (13) TREES @ 4"DBH (3) CRAPE MYRTLE (2) OLEANDER (4) GUMBO LIMBO (1) CLUSIA ROSEA (1) SEAGRAPE (2) PARADISE TREE . 1 PROVIDED @ 2"DBH (1) WHITE ORCHID TREE. WE ARE EXCEED MITIGATION BY 9 TREES		
BOTANICAL NAME	COMMON NAME	QUANTITY
BAUHINIA ACULEATA	WHITE ORCHID TREE	1
LAGERSTROEMIA INDICA	CRAPE MYRTLE PURPLE	2
LAGERSTROEMIA SPECIOSA	QUEEN'S CRAPE MYRTLE	1
NERIUM INDICUM	OLEANDER	2
BURSERA SIMARUBA	GUMBO LIMBO	4
CLUSIA ROSEA	AUTOGRAPH TREE	1
COCCOLOBAUVIFEA	SEA GRAPE	1
SIMAROUBA GLAUCA	PARADISE TREE	2
CARYOTA MITIS	CLUMPING FISHTAIL PALM	18
COCCOTHRINAX BORHIDIANA	BORHIDI'S GUANO PALM	2
COCCOTHRINAX CRINITA	OLD MAN PALM	2
COCCOTHRINAX BORHIDIANA	GUANO PALM	4
LICUALA GRANDIS	LICUALA PALM	2
PTYCHOSPERMA ELEGANS	ALEXANDER PALM	8
THRINAX RADIATA	FLORIDA THATCH PALM	5
PLUMERIA ACUTIFOLIA	WHITE PLUMERIA	1

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STATE OF FLORIDA
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TABULATION & MITIGATION CHART

L-103

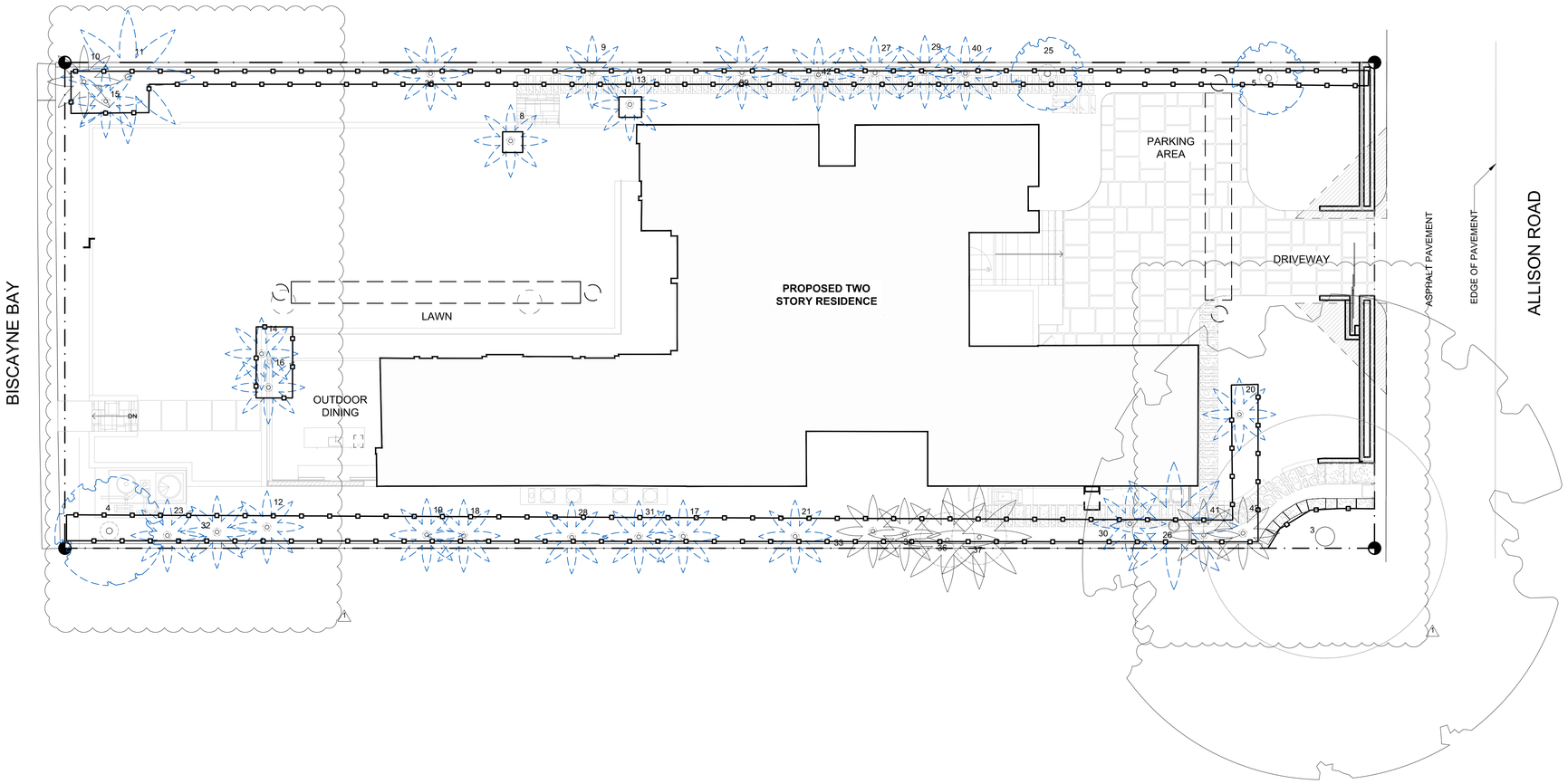
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TREE PROTECTION LEGEND

- TREES/ PALMS SHOWN IN RELOCATED POSITION
- TREES/ PALMS TO REMAIN
- TREE PROTECTION FENCE

SITE LEGEND

- PROPOSED EXFILTRATION TRENCH. REFER TO CIVIL.



1 TREE PROTECTION PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

N
NORTH

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CIVIL ENGINEER:
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LANDSCAPE ARCHITECT:
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INTERIOR DESIGN CONSULTANT:
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BOSTON, MA 02118
GENERAL CONTRACTOR:
TBD

PROFESSIONAL SEAL(S):

REGISTERED LANDSCAPE ARCHITECT
MIGUEL HASTINGS
LA6666678
STATE OF FLORIDA
2022.09.03 10:17:57-04'00'

ARCHITECT LICENSE NO:AR100517

SIDMAN RESIDENCE

Issue Description:
Project Status

Revision Schedule

#	DATE	DESCRIPTION
2	05/02/2022	REVISION 1
1	01/14/2022	PERMIT SUBMITTAL

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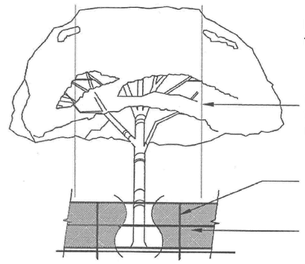
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TREE PROTECTION PLAN

L-104

TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE 'TO REMAIN, BE PROTECTED, or BE RELOCATED'

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.



In no case shall the fence be installed less than ten feet from the trunk

Tree + Palm protection barriers to extend beyond the 'dripline' or to the 'critical root zone area' of all trees/palms to be protected. Extend where necessary to protect tree canopy roots

Barriers shall be a minimum of four feet high, and shall be constructed of continuous chain link fence with metal posts at eight-foot spacing, or of two-by-four-inch posts with three equally spaced two-by-four-inch rails. Posts may be shifted to avoid roots.

PROTECTION DETAIL NOTE

CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL

TREE PROTECTION NOTES:

1. NO WORK SHALL COMMENCE WITHOUT RECEIVING ALL OF THE APPROPRIATE TREE PROTECTION, TREE REMOVAL AND TREE RELOCATION PERMITS.

2. SITE ACCESS/MATERIALS STORAGE/DISPOSAL.
 (a) CONSTRUCTION ACCESS SHOULD MAKE ALL ATTEMPTS TO UTILIZE EXISTING ACCESS PATHS TO HAVE THE LEAST IMPACT ON EXISTING TREES. SITE ACCESS SHOULD COINCIDE WITH PLANNED HARDSCAPE AREAS.
 (b) DESIGNATED PARKING AND STAGING MATERIALS SITES SHOULD BE ESTABLISHED, MARKED AND LIMITED IN THESE AREAS. PRIOR TO CONSTRUCTION, LOCATE EQUIPMENT AND MATERIALS STAGING SITE IN LOCATION OF FUTURE HARDSCAPE AREAS.
 (c) THE MIXING OF MATERIALS AND CHEMICALS MAY ONLY OCCUR WITHIN DESIGNATED AREAS THAT ARE PROPERLY OVERSEEN. THESE ZONES MUST BE LOCATED WITHIN FUTURE HARDSCAPING AREAS.
 (d) DISPOSAL ZONES: DEBRIS AND CHEMICALS MUST BE DISCARDED IN DESIGNATED DISPOSAL ZONES. NO DISPOSAL AROUND ESTABLISHED TPZ'S.

3. ALL TREE RELOCATION AND REPLACEMENT SHALL BE DONE IN ACCORDANCE WITH STANDARD FORESTRY PRACTICES AND PROCEDURES AND ALL SUCH PLANTINGS SHALL BE MAINTAINED AND ATTENDED TO PROMOTE SUCCESSFUL ESTABLISHMENT THEREOF.
 (a) DURING CONSTRUCTION, ALL REASONABLE STEPS SHALL BE TAKEN TO PREVENT THE DAMAGE OF VEGETATION DESIGNATED FOR PRESERVATION. VEGETATION DESTROYED OR DAMAGED MUST BE REPLACED BY VEGETATION OF EQUAL OR BETTER ENVIRONMENTAL VALUE, OR AS SPECIFIED BY THE CITY IN WHICH THE PROJECT IS LOCATED.
 (b) PROTECTIVE BARRIERS SHALL BE ERECTED FOR ALL EXISTING TREES TO REMAIN IN PLACE, AS SHOWN IN THE DETAILS. THE PROTECTIVE BARRIERS SHALL BE INSTALLED AND MAINTAINED FOR THE PERIOD OF TIME BEGINNING WITH THE COMMENCEMENT OF ANY LAND CLEARING OR BUILDING OPERATIONS, AND ENDING WITH THE COMPLETION OF THE PERMITTED CLEARING OR BUILDING CONSTRUCTION WORK ON THE SITE. FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTER OF TREES, SHALL ENCOMPASS THE ENTIRE TREE CANOPY, (AT THE OUTERMOST LIMITS OF THE TREE BRANCHES= THE DRIP LINE) KNOWN AS THE CRZ PLUS AN ADDITIONAL RADIAL WIDTH OF10' FEET TO COMPLETE THE TPZ, AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT.
 (c) NO EXCESS SOIL, ADDITIONAL FILL, EQUIPMENT, LIQUIDS OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE DRIP LINE OF ANY VEGETATION THAT IS BEING PRESERVED IN ITS PRESENT LOCATION, OR RELOCATED MATERIAL. ADDITIONALLY, NO SOIL SHALL BE REMOVED FROM THE DRIP LINE OF ANY OF SAID TREES.

4. AN ON SITE REPRESENTATIVE MUST BE PRESENT AND RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL VEGETATION PROTECTIVE BARRIERS. THE REPRESENTATIVE SHALL BE RESPONSIBLE FOR SUPERVISING THE REMOVAL OF ALL EXISTING VEGETATION PERMITTED TO BE REMOVED. THE REPRESENTATIVE SHALL BE ON SITE AT ALL TIMES DURING THE VEGETATION AND CLEARING OPERATIONS.

5. FOR TREES TO BE REMOVED, ALL CUTTINGS, LEAVES, BRANCHES ETC, MUST BE PROMPTLY REMOVED FROM THE SITE. ALL STUMPS SHALL BE REMOVED BY UTILIZING A STUMP GRINDER OR REMOVING THE STUMP USING APPROPRIATE HYDRAULIC EQUIPMENT.

6.. TREES TO BE RELOCATED SHALL UNDERGO THE FOLLOWING PRIOR TO RELOCATION:
 A. THE TREE SHALL BE STRUCTURALLY CROWN PRUNED IN ACCORDANCE WITH ACCEPTED ARBORIST STANDARDS IN PREPARATION FOR TREE RELOCATION.
 B. AFTER A PERIOD OF 60 DAYS AFTER CROWN PRUNING, 1/2 OF THE ROOT BALL (1/2 OF THE CIRCUMFERENCE) SHALL BE ROOT PRUNED IN ACCORDANCE WITH ACCEPTED ARBORIST STANDARDS. THE DISTANCE OF THE ROOT PRUNING EXCAVATION AREA SHALL BE AN APPROPRIATE DISTANCE FROM THE TRUNK AS DESIGNATED IN ACCEPTED ARBORISTS STANDARDS.
 C. AFTER A SECOND PERIOD OF 60 DAYS, THE REMAINING 1/2 OF THE ROOT BALL SHALL BE ROOT PRUNED AS DESIGNATED ABOVE.
 D. AFTER A THIRD PERIOD OF 60 DAYS, THE TREE SHALL THEN BE RELOCATED IN ACCORDANCE WITH ACCEPTED ARBORIST PRACTICES TO ITS FINAL LOCATION.
 E. THE TREES WILL BE READY FOR RELOCATION AFTER A TOTAL PERIOD OF 180 DAYS AND ORDERLY SATISFACTION OF THE STEPS NOTED ABOVE.
 F. IN THE EVENT THESE GUIDELINES DIFFER FROM LISTED ACCEPTED ARBORIST STANDARDS, THE ARBORISTS STANDARDS SHALL PREVAIL.

7.. RELOCATED TREE SHALL BE PROPERLY IRRIGATED TO ASSURE THEIR SURVIVAL BOTH PRIOR TO RELOCATION (DURING ROOT PRUNING PROCESS) AND AFTER RELOCATION. ONCE THE TREE HAS BEEN RELOCATED, PROPER IRRIGATION SHALL INCLUDE BOTH BUBBLERS OVER THE ROOT ZONE, AND MIST HEADS IN THE CROWN THAT ADEQUATELY RINSE THE ENTIRE CROWN OF THE TREE (SEE DETAILS).

8.. FENCING:
 (d) PROVIDE TEMPORARY FENCING FOR CONSTRUCTION OPERATIONS
 (e) CONSTRUCTION: COMMERCIAL GRADE CHAIN LINK. PLASTIC FENCING IS NOT ADEQUATE
 (f) HEIGHT: 6' FEET
 (g) LOCATIONS: TPZ. TO BE OUTSIDE OF THE CRZ (DRIP LINE OF CANOPY) + 10' = TPZ
 (h) SIGNAGE: SHALL BE POSTED ON FENCING "TREE PROTECTION ZONE- KEEP OUT"
 (i) MULCH: MULCH WITHIN TPZ FENCING WITH 2"-3" MULCH TO REDUCE MOISTURE EVAPORATION. DO NOT ALLOW MULCH TO TOUCH TREE TRUNK.

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BUILDING DEPARTMENT
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6444 ALLISON ROAD
CITY OF MIAMI BEACH
FL, 33141

MATTHEW AND LORI SIDMAN

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GENERAL CONTRACTOR:
TBD

PROFESSIONAL SEAL(S):

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TREE PROTECTION NOTES

L-105

MIAMIBEACH
BUILDING DEPARTMENT
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GENERAL NOTES

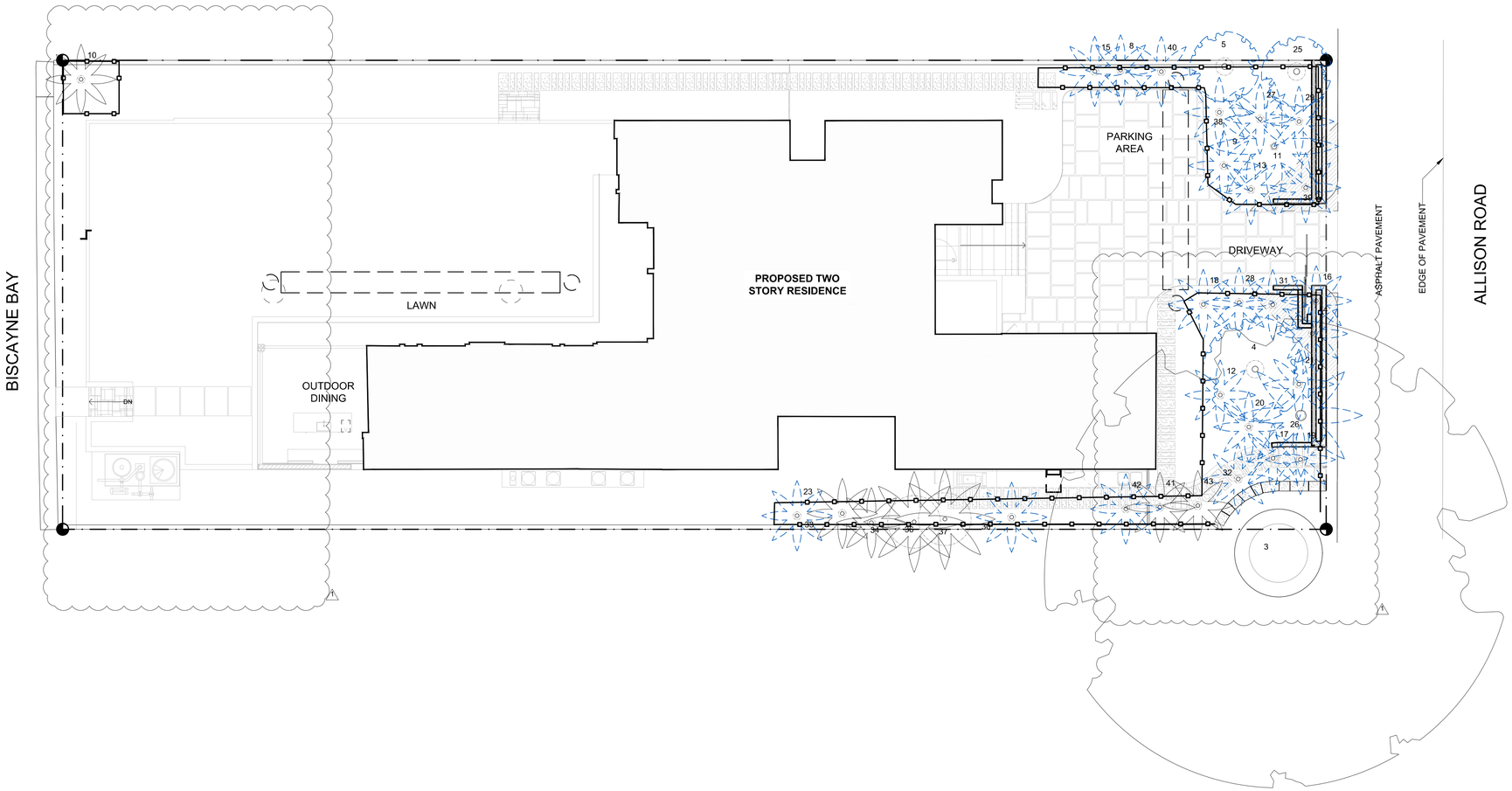
GC IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF
RELOCATED TREES DURING DEMOLITION PHASE.

TREE HOLDING AREA LEGEND

TREES/ PALMS TO RELOCATE

TREES/ PALMS TO REMAIN

ENCLOSING HOLDING AREA



1 TREE HOLDING AREA PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

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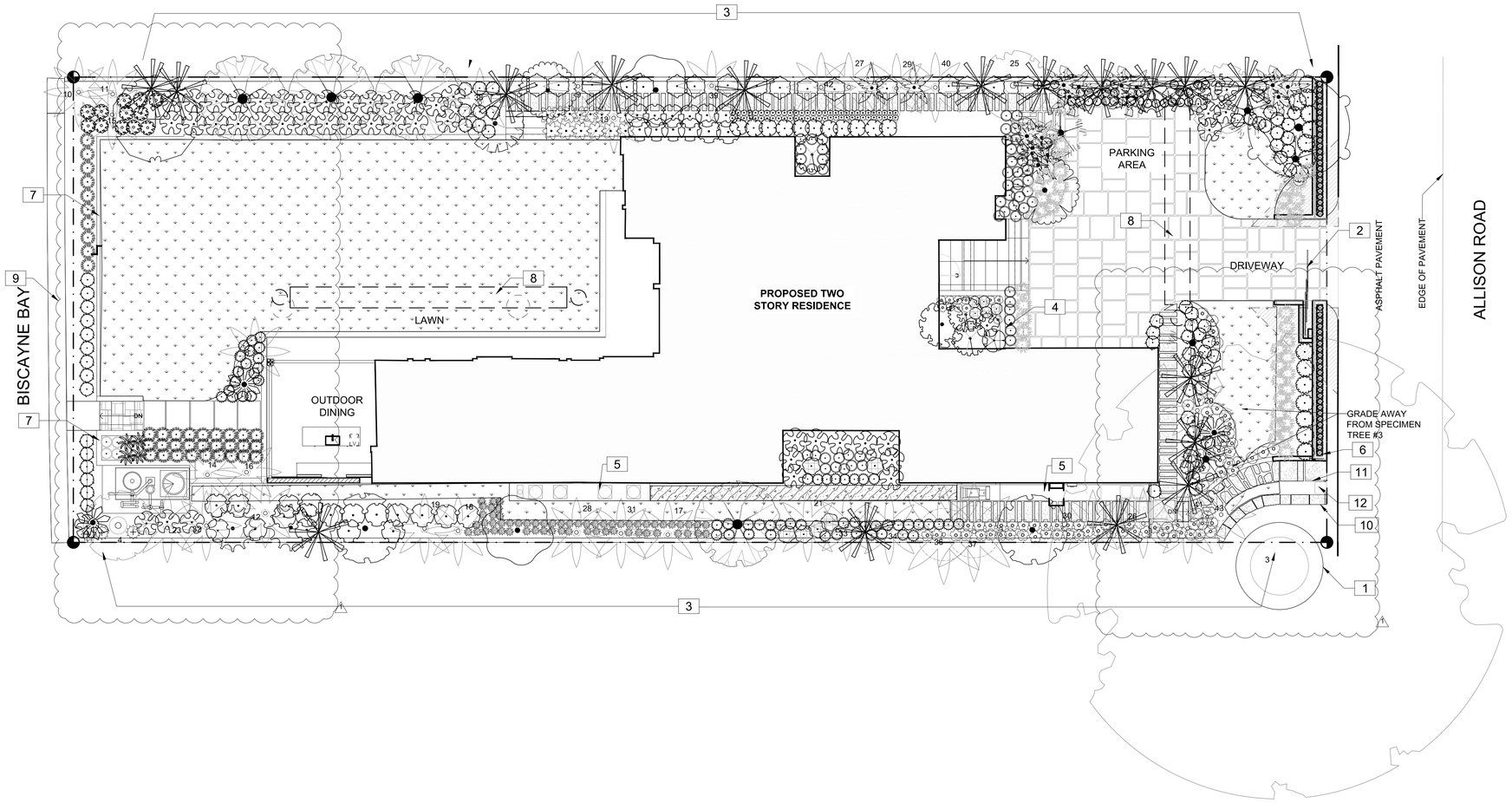
TREE HOLDING AREA PLAN

L-106

MIAMIBEACH
BUILDING DEPARTMENT
Reviewed For Compliance

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	EXISTING SPECIMEN TREE TO BE PROTECTED DURING CONSTRUCTION
2	MOTORIZED GATE
3	PRIVACY BUFFER
4	BUILT-IN PLANTING
5	MECHANICAL PAD
6	2' H CONC. SITE WALL PLANTER W/ 3' H ALUM. FENCE ON TOP
7	RETAINING WALL
8	PROPOSED EXFILTRATION TRENCH REFER TO CIVIL
9	SEAWALL
10	OOLITE BOULDER SEAT WALL
11	PEDESTRIAN SWING GATE
12	MAILBOX. REFER TO ARCH DWGS



1 OVERALL LANDSCAPE PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

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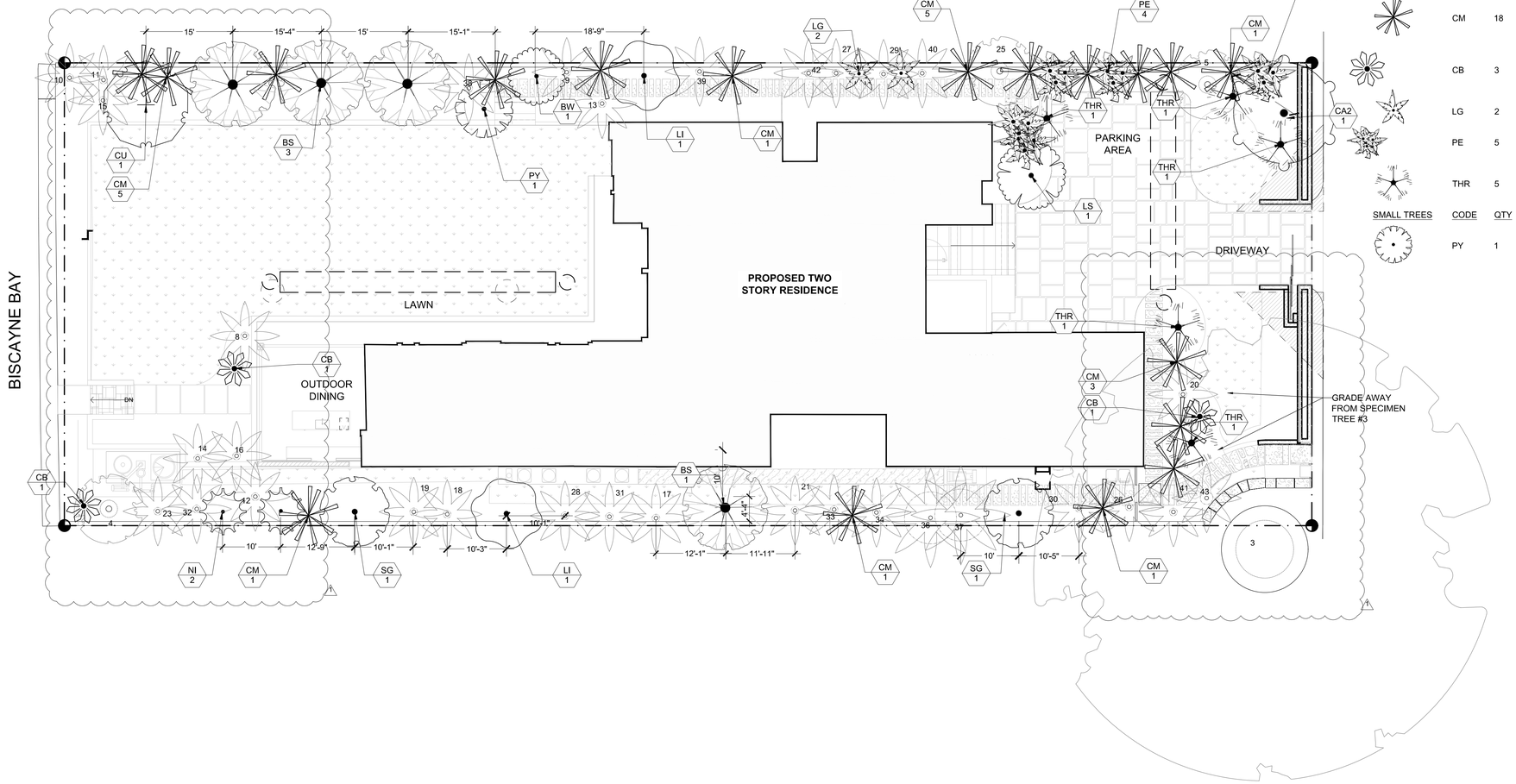
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OVERALL LANDSCAPE PLAN

L-110



PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	BW	1	BAUHINIA ACULEATA	WHITE ORCHID TREE	12`HT,2"CAL,6` SPRD
	LI	2	LAGERSTROEMIA INDICA INDICA PURPLE	CRAPE MYRTLE	16`HT, 4"CAL,8`SPRD
	LS	1	LAGERSTROEMIA SPECIOSA MULTI-TRUNK	QUEEN'S CRAPE MYRTLE	16`HT, 4"CAL,8`SPRD
	NI	2	NERIUM INDICUM	OLEANDER	16`HT, 4"CAL,8`SPRD

NATIVE TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	BS	4	BURSERA SIMARUBA	GUMBO LIMBO	16`HT, 4"CAL,8`SPRD
	CA2	1	CLUSIA ROSEA	AUTOGRAPH TREE	16`HT, 4"CAL,8`SPRD
	CU	1	COCCOLOBAUVIFEA	SEA GRAPE	16`HT, 4"CAL,8`SPRD
	SG	2	SIMAROUBA GLAUCA	PARADISE TREE	16`HT, 4"CAL,8`SPRD

PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	CM	18	CARYOTA MITIS CLUMPING FLORIDA NO. 1 GRADE OR BETTER.	FISHTAIL PALM	20`+
	CB	3	COCCOTHRINAX BORHIDIANA BORHIDIANA BORHIDI'S	GUANO PALM	10` CT
	LG	2	LICUALA GRANDIS	LICUALA PALM	25 GAL.
	PE	5	PTYCHOSPERMA ELEGANS MULTI-TRUNK	ALEXANDER PALM	16` CT
	THR	5	THRINAX RADIATA	FLORIDA THATCH PALM	6` CT

SMALL TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	PY	1	PLUMERIA ACUTIFOLIA FLORIDA GRADE #1	WHITE PLUMERIA	8` MIN HT

1 CANOPY PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

N
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FL, 33141

MATTHEW AND LORI SIDMAN

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No. 6666678
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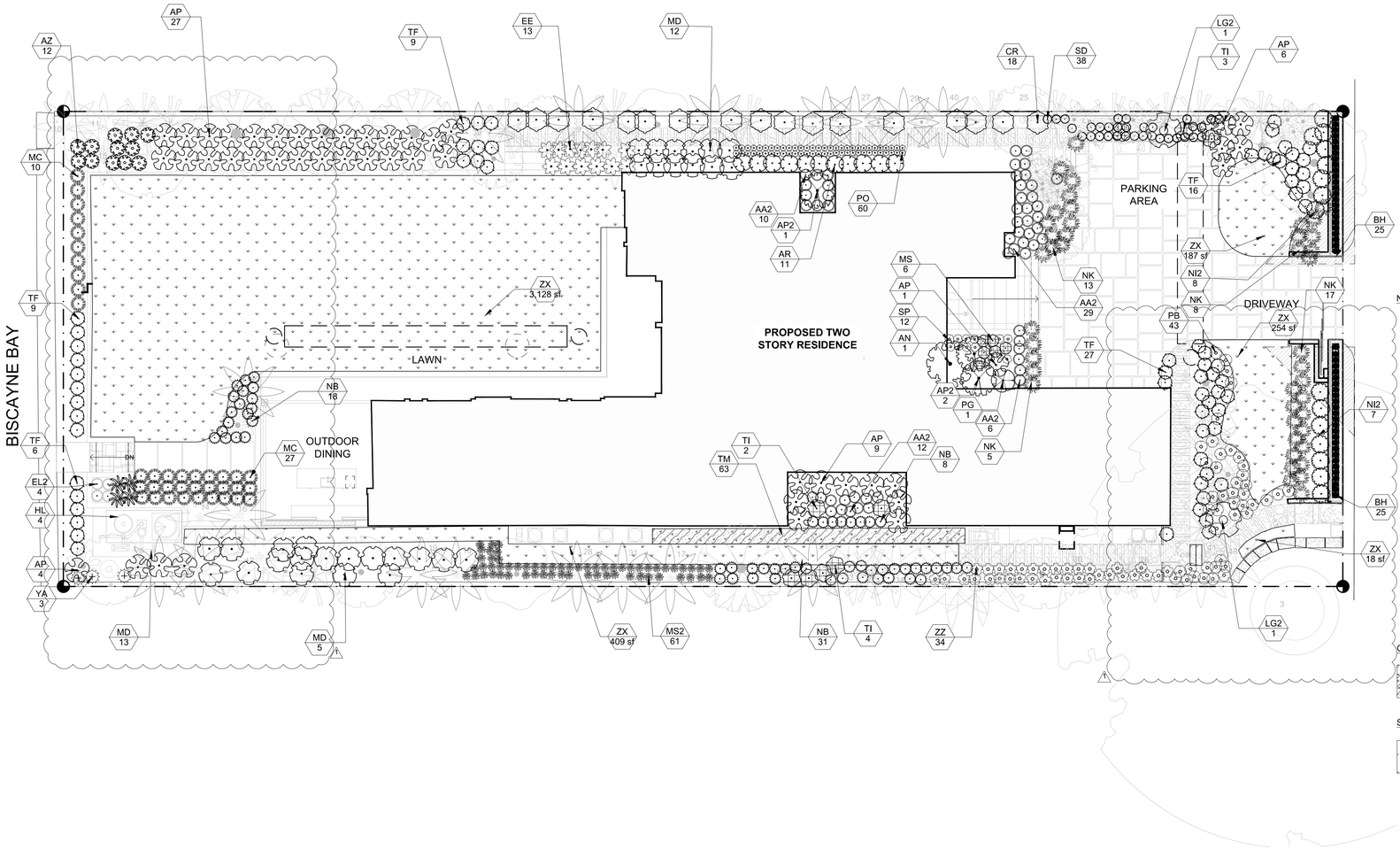
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CANOPY PLAN

L-120



PLANT SCHEDULE

SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	AR	11	ALOCASIA `REGAL SHIELDS`	ALOCASIA	7 GAL.
	AP2	3	ALOCASIA X`PORTODORA` ALOCASIA (RUFFLED)	PORTODORA	25 GAL
	AP	47	ALOCASIA X`PORTODORA` ALOCASIA (RUFFLED)	PORTODORA	7 GAL.
	AZ	12	ALPINIA ZERUMBET	SHELL GINGER	15 GAL.
	AA2	57	ASPIDISTRA ELATIOR	CAST IRON PLANT	3 GAL.
	AN	1	ASPLENIUM NIDUS	BIRDS NEST FERN	45 GAL
	BH	50	BOUGAINVILLEA X 'HELEN JOHNSON' COMPACT BOUGAINVILLEA	HELEN JOHNSON	3 GAL.
	EE	13	ETLINGERA ELATIOR	TORCH GINGER	25 GAL
	LG2	2	LICUALA GRANDIS	LICUALA PALM	15 GAL.
	MS	6	MEDINILLA SPECIOSA	SHOWY ASIAN GRAPES	5 GAL.
	MD	30	MONSTERA DELICIOSA PHILODENDRON	SPLIT-LEAF	25 GAL
	NI2	15	NERIUM INDICUM WHITE 6' SHRUBS FORM	OLEANDER	25 GAL
	PB	43	PHILODENDRON BURLE-MARXII	BURLE MARX	3 GAL.
	PG	1	PHILODENDRON GIGANTEUM	GIANT PHILODENDRON	25 GAL
	SP	12	SPATHOGLOTTIS PLICATA	GROUND ORCHID	3 GAL.
	SD	38	STROBILANTHES DYERIANUS	PERSIAN SHIELD	3 GAL.
	TI	9	TACCA INTEGRIFOLIA	WHITE BAT FLOWER	15 GAL
	ZZ	34	ZAMIOCULCAS ZAMIIFOLIA	ZZ PLANT	7 GAL.

NATIVE SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	CR	18	CLUSIA ROSEA	DWARF PITCH APPLE	8` MIN.
	EL2	4	ERNODEA LITTORALIS	GOLDEN BEACH CREEPER	3 GAL.
	HL	4	HYMENOTALLIS LATIFOLIA	SPIDER LILY	7 GAL
	MS2	61	MICROSORUM SCOLOPENDRIA	WART FERN	3 GAL.
	MC	37	MUHLENBERGIA CAPILLARIS	PINK MUHLY	7 GAL.
	NB	57	NEPHROLEPIS EXALTATA `BOSTONIENSIS`	BOSTON FERN	7 GAL.
	NK	43	NEPHROLEPIS OBLITERATA 'KIMBERLY QUEEN`	QUEEN FERN	3 GAL.
	PO	60	PEPEROMIA OBTUSIFOLIA BABY RUBBER PLANT	RUBBER PLANT	3 GAL.
	TF	67	TRIPSACUM DACTYLOIDES	FAKAHATCHEE	3 GAL.
	YA	3	YUCCA ALOIFOLIA	ALOE YUCCA	3 GAL.

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	TM	63	TRACHELOSPERMUM ASIATICUM `MINIMA`	MINIMA ASIAN JASMINE	3 GAL.

SOD/SEED	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	ZX	4,003 SF	ZOYSIA X `EMPIRE`	EMPIRE ZOYSIA	SOD

1 UNDERSTORY PLAN
SCALE: 3/32" - 1'-0"

0' 4' 8' 16' 32'

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PROFESSIONAL SEAL(S):

REGISTERED LANDSCAPE ARCHITECT MIGUEL HASTINGS LICENSE NO. 6666678 STATE OF FLORIDA
2022.09.03 10:19:09-04'00'

ARCHITECT LICENSE NO:AR100517

SIDMAN RESIDENCE

Issue Description:
Project Status

Revision Schedule

#	DATE	DESCRIPTION
1	05/02/2022	REVISION 1
	01/14/2022	PERMIT SUBMITTAL

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UNDERSTORY LANDSCAPE PLAN

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