BELLINSON RESIDENCE

1717 W 24 ST MIAMI BEACH, FL 33140

FOLIO: 02-3228-001-1390

DRB#: DRB22 - 0830



DRB LANDSCAPE DRAWING INDEX

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L501

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LANDSCAPE DETAILS

DRB FINAL SUBMITTAL

05/09/2022

LANDSCAPE

SCOPE OF WORK:

DESIGN REVIEW BOARD APPROVAL FOR NEW 2 STORY SINGLE FAMILY HOME

TO REPLACE PRE - 1942 SINGLE FAMILY HOME

[STRANG]

2900 SW 28TH TERRACE, SUITE 301 MIAMI, FL 33133

PH: 305-373-4990 | FX: 305-373-4991 ARCHITECT LICENSE NO:AR94492 WWW.STRANG.DESIGN

1717 W 24 ST MIAMI BEACH, FL 33140

CAROLYN + JIM BELLINSON

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PROFESSIONAL SEAL(S):

LA LICENSE NO:LA6667488

BELLINSON RESIDENCE

Issue Description:
DRB PRE-APP SUBMITTAL
Revision Schedule

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Issue Date:

05/06/2022

COVER SHEET

L000

INDEX OF DRAWINGS GENERAL NOTES: .) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION COVER SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES I-001 GENERAL NOTES THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE NDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK I TREE DISPOSITION PLAN L-100 c.) 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 EDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY. TREE RELOCATION PLAN L-101 TREE HOLDING AREA L-102 .) 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. L-103 TREE DISPOSITION CHART MITIGATION CALCULATIONS CHART L-104 .) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT L-105 TREE PROTECTION PLAN .) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL L-106 TREE PROTECTION NOTES CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND ℓ OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. OVERALL LANDSCAPE PLAN I -110 THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS. L-120 CANOPY PLAN THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION ALL PERMITS AND PPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR L-130 UNDERSTORY PLAN .) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL IS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE. L-132 2ND STORY LANDSCAPE PLAN L-133 ROOF LANDSCAPE PLAN 10.) 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. L-140 HARDSCAPE PLAN L-150 LIGHTING PLAN 1.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES ECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS L-160 GRADING PLAN 2.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS IRRIGATION FIRST FLOOR PLAN I -170

PIPE INSTALLATION + SLEEVE NOTES

IRRIGATION SECOND FLOOR PLAN

L-172 IRRIGATION ROOF PLAN

1-500 LANDSCAPE DETAILS

L-501 LANDSCAPE DETAILS

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

RRIGATION PLAN NOTES

ALL MAIN LINES, LATERAL LINES AND IRRIGATION SPRINKLER COMPONENT OCATIONS ARE SHOWN SCHMATICALLY AND SHALL BE ADJUSTED BASED ON FIELD CONDITIONS. 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. RIGATION SYSTEM DESIGN TO THE LANDSCAPE ARCHITECT/DESIGNER AND

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

SOLITH FLORIDA WATER MANAGEMENT DISTRICT (SEWMD) 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

IRRIGATION LEGEND

NUIPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL. THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL

OCCURED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE

RASH REPAIR ALL DAMAGE TO FINISH GRADE INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL BUTS AND ANY SETTLING OR EROSION TH

JΒ

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

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)

EQUAL. IN 10" ROUND VALVE BOX

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

RAINBIRD CONTROLLER MODEL ESP-LX, INSTALL IN BUILDING'S ELECTRICAL ROOM. REFER TO ELECTRICAL ENGINEER'S PLAN RAINBIRD "RSD" RAIN SENSOR TO BE INSTALLED AS PER MANUFACTURER'S

JUNCTION BOX WITH WATERPROOF CONNECTORS. REFER TO ELECTRICAL

1" TO 1-1/2" ELECTRIC VALVES - RAINBIRD PEB SERIES OR APPROVED

SCHEDULE 40 PVC MAINLINE, SIZE TO BE 1" DIAMETER SCHEDULE 200 PVC LATERAL LINES PIPE IN PVC SLEEVES, SEE SIZING CHART

RAINBIRD 5-SERIES, MPR STREAM BUBBLER NOZZLES, 5' RADIUS, 1,5 GPM

3/4" IRRIGATION DRIP TUBING



LANDSCAPE NOTES AND SPECIFICATIONS:

GENERAL ABBREVIATIONS

BACK OF CURB

CONTROL JOINT

CLEAR

EXPANSION JOINT

EQUAL

FINISH FLOOR FLEVATION

FACE OF BUILDING

HEIGH1

LANDSCAPE ARCHITECT

LIMIT OF CONSTRUCTION

LOW POINT

NOT IN CONTRACT

ON CENTER

ON CENTER FACH WAY

PLANTING AREA

QUANTITY

RIGHT OF WAY

SIMILAR DETAIL

TOP OF DRAIN

TOP OF CURE

TOP OF WAL

UNI ESS NOTED OTHERWIS

BALLED AND BURLAPPED

CLEAR TRUNK

CRITICAL ROOT ZONE

FIFI D GROWN

GALLON

GREY WOOD

HEIGHT

MINIMUM

MULTI-TRUNK

OVERALL

ON CENTER

SPREAD

TYPICAL

UNI ESS NOTED OTHERWIS

PLANTING ABBREVIATIONS

B.O.C

CJ

CLR

F.I

EQ

F.O.B

L.A.

LOC

L.P.

O.C.

O.C.F.W

PA

QTY

ROW

TD

TW

UNO

B&B

СТ

CR7

FG

GAI

GW

НТ

MIN.

MULT

OA

O.C. QTY

TYP

UNO

- 1. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN THE CURRENT GRADES AND STANDARDS FOR NURSERY PLANTS. 2ND 1. ALL PLANT IMPLEADES AND SECRET PLANTS, AND EACH REAS GIVEN IN THE CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY. CO-DOMINANT T 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.
- WAIT OF AND 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 SCHEDULED INSTALLATION. AND SCAPE ARCHITECT SHALL VERIFY PLANT MALERIAL FOR THEIR COUNCINNITY OF SECURICATION. 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
- 5. CONTRACTOR SHALL NOTIFY/CRIFY WITH LANDSCAPE ARCHITECT, THE AVAILABILITY (QUANTITY AND QUALITY DESCRIBED IN THE DRAWINGS) OF ALL PLANT MATERIAL SPECIFIED AT THE TIME OF THE BID.
- ALL PLANT MATERIAL SPECIFIED AT THE TIME OF THE BIJD.

 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.
- NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT PRIOR WRITTEN CONSENT OF LANDSCAPE ARCHITECT. ANY INTENDED SUBSTITUTIONS SHALL BE DETAILED ON THE BID.
- 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 AND 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 FROM DATE OF FINAL ACCEPTANCE.

 O. GC RESPONSIBLE FOR VIBILITY 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.
- OWNER IS RESPONSIBLE FOR DOCUMENTING CARE OF PLANTS UPON PROJECT COMPLETION UNTIL FINAL LANDSCAPE INSPECTION
- 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.
- 4. ALL DANDSCAPE SPAILL BE INTAILLED IN COMPLAINCE WITH ALL DOCAL CODES.

 5. THE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST, SHOULD THERE BE ANY DISCREPANCY BETWEEN THE TWO.

 6. 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.
- HROM OUTSIDE EDGE OF FOLIAGE. NO EUCALYPTUS OR RED COLORED MULCH WILL BE ACCEPTED.

 7. SOD SHALL BE EMPIRE TURP ZOYSIA OR ST. AUGUSTINE "ELORATAM" 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 PLANTING SOIL STALL BE FREE FROM ROAD, PEA, EGG, OR OLORED ROCK, BUILDING MATERIALS, DEBRIS, WEEDS, NOXIOUS PESTS AND DISEASE.

 9. 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 SHALL 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.
- AND ALL DEBHS 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 HINTO 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 GLIYED OR STAKED TO PROVIDE AMPLE SUPPORT SUCH THAT THE MATERIAL WILL STAY UPRIGHT AND TRUE
- 22. ALL TREES ON INJURED STAILL BE GOTED ON STAND TO FROM THE SUPPORT SUCH THAT THE MATERIAL WILL STATUP FRIGHT AND TRUE THROUGH THE GUARANTEE PERIOD. METHODS USED WILL BE SUCH THAT NO INJURY IS CAUSED TO PLANTS. GUYING SHALL BE DORE 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 S 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 AL PLANTS LARGER THAN 3 GAL. SIZE.
- 6. ALL TREES AND LARGE PALMS INCLUDING ROYAL AND DATE PALMS SHALL BE PLANTED A MINIMUM OF 5'-0" FROM ANY HARDSCAPE AREA AND 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 MINIX 2 AWAIT FROM WALLS OF OTHER USS THOUGHOUS. WHI EXILATIVE AT MINITURE STEED RELEASE 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.
- DELLOW FINISHED GRADE STATE STATE OF THE STA
- 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. I. ALL LANDS DO 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 RRIGATION ZONES FOR A MORE EFFICIENT SYSTEM.
- IRRIGATION ZOIDES FOR A MOVE EFFICIENT STSTEM.
 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
- 32. 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
- 38. GC TO PROVIDE A CERTIFIED DENSITY TEST REPORT TO THE STRUCTURAL ENGINEER BEFORE CONSTRUCTION OF THE FOUNDATIONS FOR FORMA
- 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.

LIGHTING NOTES:

LAYOUT
LIGHTING FIXTURE LOCATIONS ARE SHOWN SCHEMATICALLY AND SHALL BE ADJUSTED BASED ON FIELD CONDITIONS, LANDSCAPE ARCHITECT TO FIELD VERIEY FIXTURE LOCATIONS DURING INSTALLATION AND OBSERVE FIXTURE ADJUSTMENT DURING NIGHT-TIME HOURS. OWNER AND LANDSCAPE ARCHITECT ARE TO APPROVE ALL FIXTURES AND FINISH SEER TO PURCHASE AND INSTALLATION ALL FIXTURES ARE TO BE CERTIFIED WILDLIFE COMPILANT AND TO BE INSTALLED.

INSTALLATION
LIGHTING CONTRACTOR TO CONNECT TRANSFORMERS TO ANY EXISTING INTERIOR AUTOMATION SYSTEMS, (Lutron, etc...),

OR AS PER GENERAL CONTRACTOR'S INSTRUCTION.
LIGHTHING 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 JANDSCAPE CONTRACTOR TO PROVIDE CUT SHEETS TO LANDSCAPE REVIEW & APPROVAL PRIOR TO PURCHASE
AND INSTALLATION \ GFCI OUTLETS FOR LOW VOLTAGE TRANSFORMERS TO BE CONNECTED TO MAIN RESIDENCE LIGHTING CONTROLS

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Issue Description: DRB PRE-APP SUBMITTAL Revision Schedule

		#	DATE	DESCRIPTION
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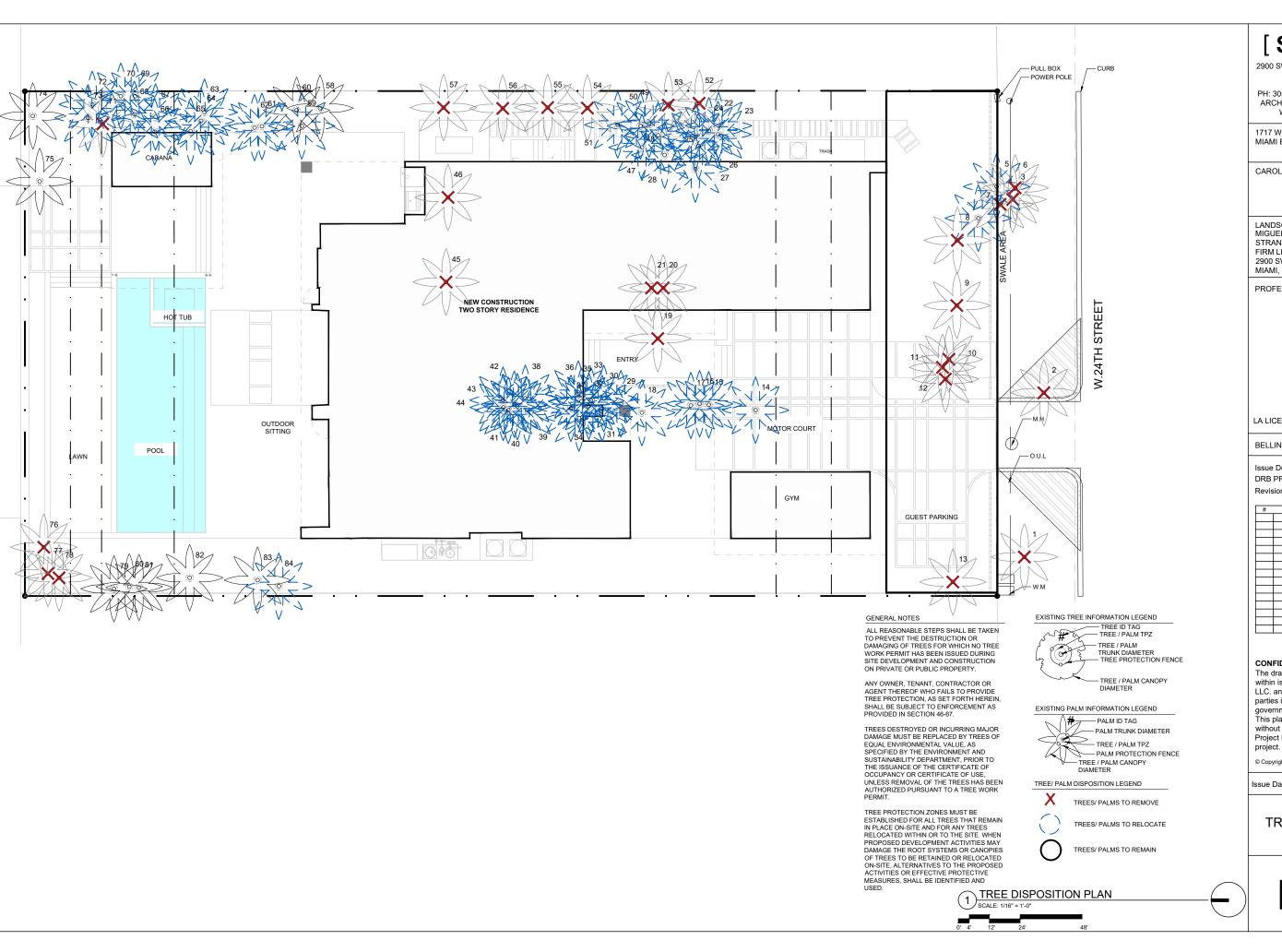
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GENERAL NOTES



2900 SW 28TH TERRACE, SUITE 301 MIAMI, FL 33133

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1717 W 24 ST MIAMI BEACH, FL 33140

CAROLYN + JIM BELLINSON

LANDSCAPE ARCHITECT: MIGUEL HASTINGS, RLA STRANG DESIGN, LLC FIRM LICENSE #LA6667488 2900 SW 28th TERRACE, SUITE 301 MIAMI, FL 33133

PROFESSIONAL SEAL(S):

LA LICENSE NO:LA6667488

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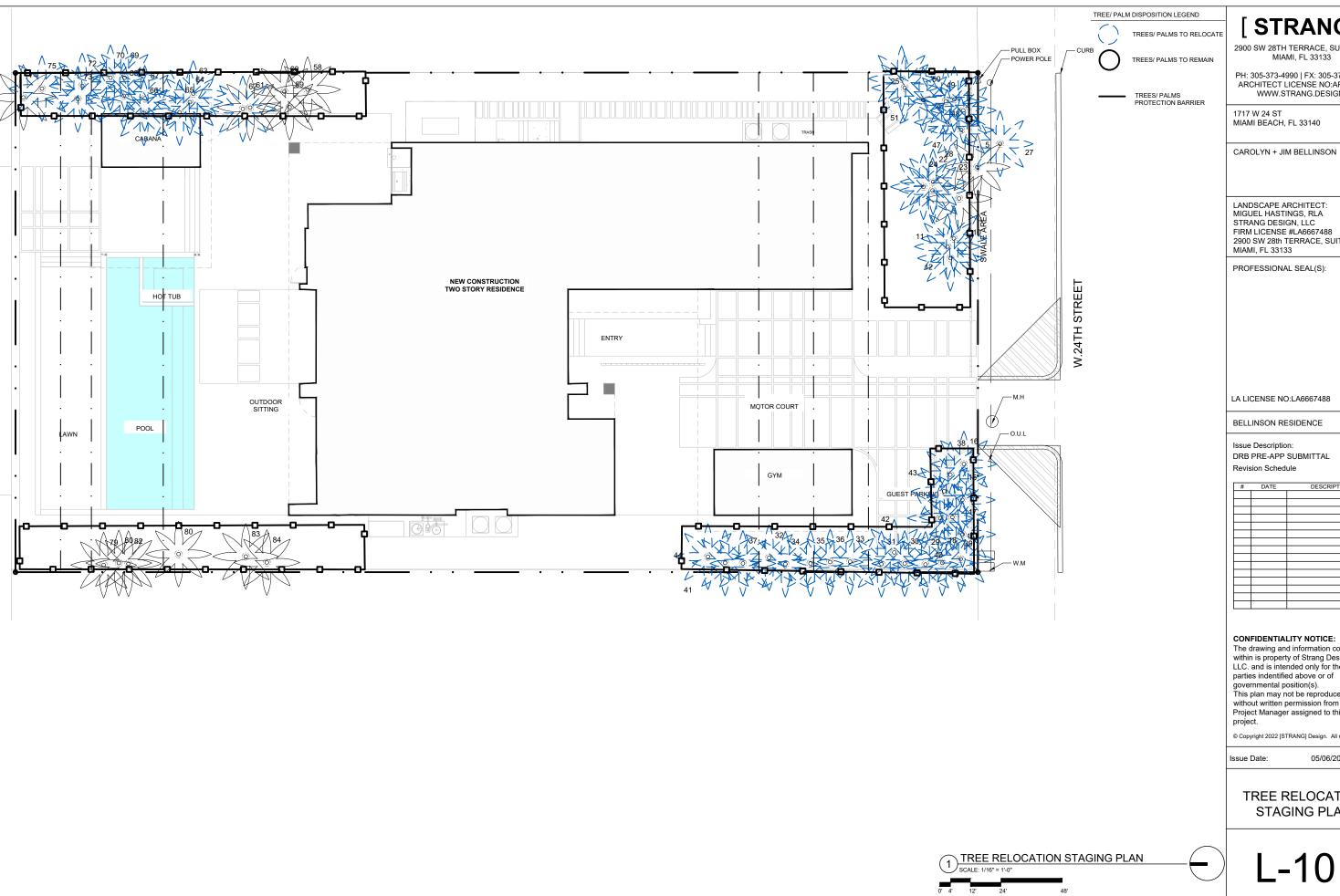
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TREE DISPOSITION PLAN



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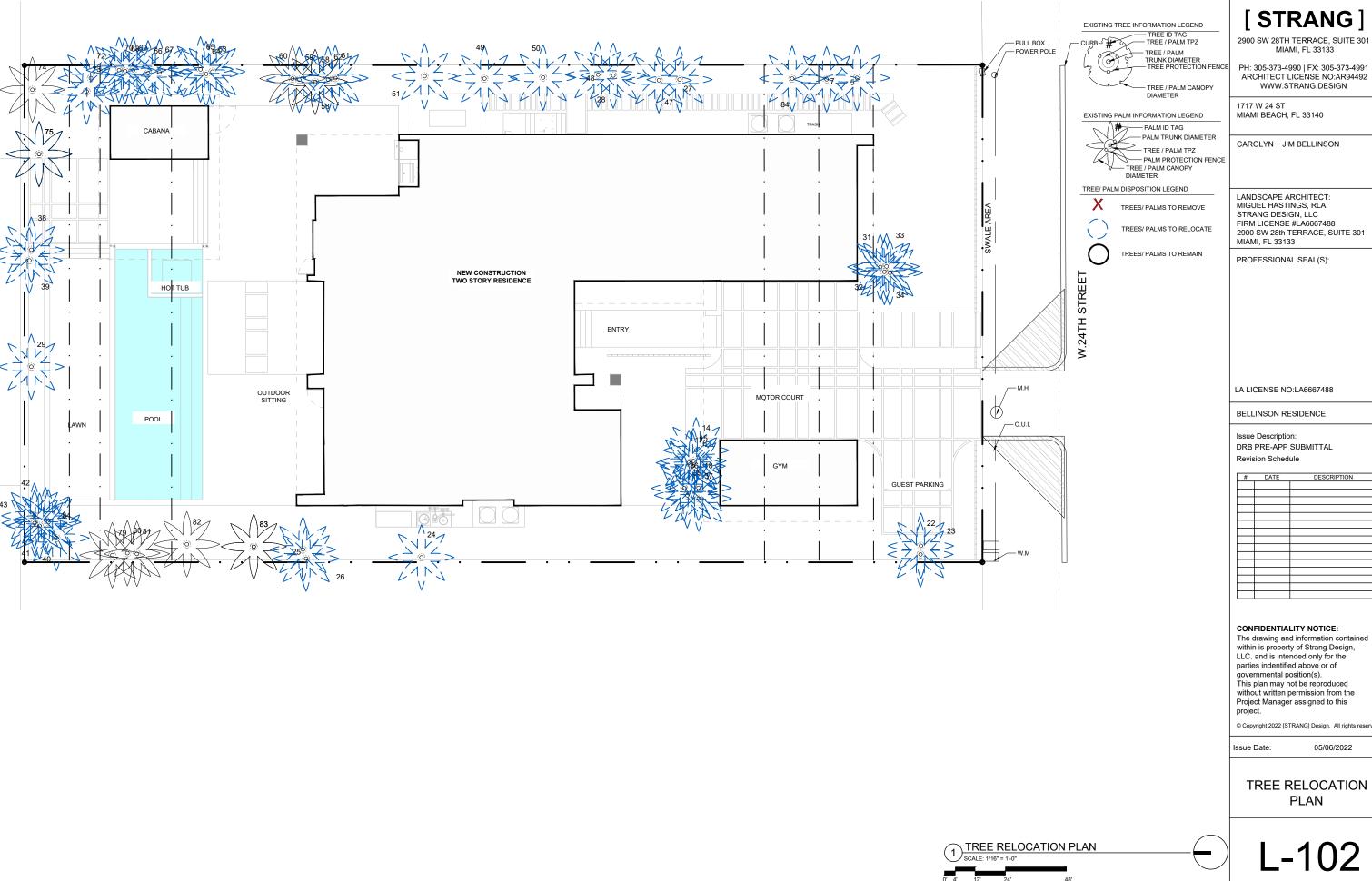
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TREE RELOCATION STAGING PLAN



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Disposition	Tree #	Common Name	Botanical Name	DBH (inches)	Height (feet)	Diameter Canopy (feet)	TPZ Radius (feet)	Condition	Mitigation
Relocate	51	Solitaire Palm (quad)	Ptycnosperma elegans	12	30CT 36OA	12	3	Good	
Remove	52	Areca palm	Dypsis lutescens	20	22	16	3	Good	Not required
Remove	53	Areca palm	Dypsis lutescens	20	22	16	3	Good	Not required
Remove	54	Areca palm	Dypsis lutescens	20	22	16	3	Moderate	Not required
Remove	55	Areca palm	Dypsis lutescens	20	22	16	3	Moderate	Not required
Remove	56	Areca palm	Dypsis lutescens	20	22	16	3	Moderate	Not required
Remove	57	Areca palm	Dypsis lutescens	20	22	16	3	Moderate	Not required
Remain	58	Chinese Fan Palm	Livistona chinensis	7	5CT 15OA	7	3	Good	
Relocate	59	Chinese Fan Palm	Livistona chinensis	9	22CT 29OA	12	3	Good	
Remain	60	Chinese Fan Palm	Livistona chinensis	7	8CT 18OA	12	3	Good	
Relocate	61	Chinese Fan Palm	Livistona chinensis	8	22CT 29OA	12	3	Good	
Relocate	62	Chinese Fan Palm	Livistona chinensis	7	22CT 29OA	12	3	Good	
Relocate	63	Chinese Fan Palm	Livistona chinensis	9	22CT 29OA	12	3	Good	
Relocate	64	Adonidia Palm	Veitchia merrillii	4	10CT 16OA	9	3	Good	
Relocate	65	Solitaire Palm	Ptychosperma elegans	3	22CT 25OA	9	3	Good	
Relocate	66	Adonidia Palm	Veitchia merrillii	6	12CT 16OA	10	3	Good	
Relocate	67	Adonidia Palm	Veitchia merrillii	6	30CT 35Oa	9	3	Good	
Relocate	68	Adonidia Palm multi	Veitchia merrillii	28	30CT 35Oa	15	3	Good	
Relocate	69	Adonidia Palm	Veitchia merrillii	6	30CT 35Oa	9	3	Good	
Relocate	70	Adonidia Palm	Veitchia merrillii	6	30CT 35Oa	9	3	Good	
Remove	71	Adonidia Palm (double)	Veitchia merrillii	9	22CT 26OA	12	3	Moderate	
Relocate	72	Adonidia Palm	Veitchia merrillii	4	25CT 29OA	7	3	Good	
Relocate	73	Adonidia Palm (triple)	Veitchia merrillii	12	25CT 29OA	12	3	Good	
Remain	74	Coconut Palm	Cocos nucifera	9	26CT 36OA	23	3	Good	
Remain	75	Coconut Palm	Cocos nucifera	11	40CT 54OA	25	3	Good	
Remove	76	Queen Palm	Syagrus romanzoffiana	7	28CT 34OQ	10	3	Moderate	
Remove	77	Queen Palm	Syagrus romanzoffiana	8	20CT 26OA	12	3	Poor	
Remove	78	Queen Palm	Syagrus romanzoffiana	6	19CT 21OA	8	3	Poor	
Remain	78	Traveler's Palm	Ravenala madagascariensis	18	250A	15	3	Good	
Remain	80	part of 79		1		1 10		1	
Remain	81	part of 79							
Remain	82	Royal Palm	Roystonea regia	22	47CT 58OA	25	5	Good	
Remain	83	Chinese Fan Palm	Livistona chinensis	10	6CT 110A	8	3	Good	Not required
Relocate	84	Royal Palm	Roystonea regia	21	50CT 65OA	24	5	Good	1
	-	l per palm at 15' over	11		3001 0307		† •		
					T			1	+

Tree disposition summary					
	Remain	Relocate	Remove	Total trees	Total Palms
Trees	Relocate	3	#VALUE!	3	
Palms			23		23
	Total inva	0			
Total o	lead palm/trees inle	0			

			INCL D	ISPOSITION	T TAKE	Diameter	TPZ		
Diamanisia				DBH	 	Canopy	Radius		Bais:
Disposition	Tree #	Common Name	Botanical Name	(inches)	Height (feet)	(feet)	(feet)	Condition	Mitigation
emove	1	Areca Palm	Dypsis lutescens	30	23	20	3	Good	required
emove	2	Royal Palm	Roystonea regia	17	50CT 65OA	25	5	Moderate	
emove	3	Royal Palm	Roystonea regia	16	27CT 34OA	14	5	Poor	
emove	4	Royal Palm	Roystonea regia	17	27CT 34OA	14	5	Poor	
elocate	5	Royal Palm	Roystonea regia	18	20CT 30OA	23	5	Good	Not
emove	6	Robellini	Phoenix roebelenii	3	90A	6	3	Moderate	required
elocate	7	Sabal Palm	Sabal palmetto	12	17CT 23OA	11	3	Good	
emove	8	Sabal Palm	Sabal palmetto	9	17CT 23OA	12	3	Moderate	
emove	9	Robellini	Phoenix roebelenii	4	140A	5	3	Moderate	Not required
emove	10	Screwpine	Pandanus utilis	8	20	10	3	Good	Not required
emove	11	Screwpine	Pandanus utilis	7	20	10	3	Good	Not required
emove	12	Screwpine	Pandanus utilis	7	20	10	3	Good	Not required
emove	13	Royal Palm	Roystonea regia	15	45CT 50OA	15	5	Poor	
elocate	14	Adonidia Palm	Veitchia merrillii	6	20CT 24OA	6	3	Good	
elocate	15	Adonidia Palm (triple)	Veitchia merrillii	16	20CT 24OA	14	3	Good	
elocate	16	part of 15	. c.caa meriliii	10	2301 2407	1 1 1			
elocate	17	part of 15					1		
elocate	17	Adonidia Palm	Veitchia merrillii	6	21CT 25OA	7	3	Good	
emove	19	Robellini	Phoenix roebelenii	3	100A	7	3	Moderate	Not required
emove	20	Robellini	Phoenix roebelenii	3	90A	6	3	Moderate	Not required
emove	21	Robellini	Phoenix roebelenii	3	80A	6	3	Moderate	Not required
		Solitaire Palm (double)	Ptychosperma elegans				3		required
elocate	22		ereguns	4	31CT 35OA	10	3	Good	
elocate	23	part of 22		_			-		
elocate	24	Adonidia Palm	Veitchia merrillii Ptychosperma	6	30CT 36OA	8	3	Good	
elocate	25	Solitaire Palm (double)	elegans	6	31CT 35OA	10	3	Good	
elocate	26	part of 25	Ptychosperma						
elocate	27	Solitaire Palm	elegans Ptychosperma	3	29CT 33OA	7	3	Good	
elocate	28	solitaire palm	elegans	3	29CT 33OA	7	3	Good	
elocate	29	Adonidia Palm	Veitchia merrillii	6	21CT 25OA	7	3	Good	
elocate	30	Adonidia Palm Multi	Veitchia merrillii	21	21CT 25OA	20	3	Good	
elocate	31	part of 30							
elocate	32	part of 30							
elocate	33	part of 30							
elocate	34	part of 30							
elocate	35	Adonidia Palm (double)	Veitchia merrillii	9	23CT 27OA	10	3	Good	
elocate	36	part of 35							
elocate	37	Adonidia Palm	Veitchia merrillii	4	23CT 27OA	9	3	Good	
elocate	38	Adonidia Palm	Veitchia merrillii	5	23CT 27OA	9	3	Good	
elocate	39	Adonidia Palm	Veitchia merrillii	6	23CT 27OA	9	3	Good	
elocate	40	Adonidia Palm Multi	Veitchia merrillii	21	23CT 27OA	20	3	Good	
elocate	41	part of 40							
elocate	42	part of 40							
elocate	43	part of 40							
elocate	44	part of 40							
emove	45	Paurotis Palm	Acoelorrhaphe wrightii	26	25OA	14	3	Moderate	
			Washingtonia						
emove	46	Washingtonia Palm	robusta Ptychosperma	12	45CT 49OA	12	3	Moderate	
elocate	47	Solitaire Palm (double)	elegans Ptychosperma	5	30CT 36OA	11	3	Good	
elocate	48	Solitaire Palm (double)	elegans Ptychosperma	6	30CT 36OA	11	3	Good	
elocate	49	Solitaire Palm	elegans Ptychosperma	3	30CT 36OA	6	3	Good	
elocate	50	Solitaire Palm	elegans	3	30CT 36OA	6	3	Good	

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CAROLYN + JIM BELLINSON

LANDSCAPE ARCHITECT:
MIGUEL HASTINGS, RLA
STRANG DESIGN, LLC
FIRM LICENSE #LA6667488
2900 SW 28th TERRACE, SUITE 301
MIAMI, FL 33133

PROFESSIONAL SEAL(S):

LA LICENSE NO:LA6667488

BELLINSON RESIDENCE

Issue Description:
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TREE DISPOSITION CHART

CITY OF MIAMI BEACH LANDSCAPE LEGEND

	INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS	Acres 0.2	
	Zoning District RS Lot Area 15,893.5	Acres 0.3	
		REQUIRED/	DD 01 #DED
	OPEN SPACE	ALLOWED	PROVIDED
A.	Square feet of required Open Space as indicated on site plan: Lot Area = s.f.x % = s.f.	*FRONT YARD: REQ. 50% *REAR YARD: REQ. 70%	*FRONT YARD:65.3% = 1,189 *REAR YARD: 73.4% = 1,751 s
В.	Square feet of parking lot open space required as indicated on site plan:		
	Number of parking spaces 2 x 10 s.f. parking space =	20	20
C.	Total square feet of landscaped open space required: A+B=	2,794	3,130
	LAWN AREA CALCULATION		
	Square feet of landscaped open space required	2,794	3,130
В.	Maximum lawn area (sod) permitted= 50 % x 2,794 s.f.	1,397	704
	TREES		
A.	Number of trees required per lot or net lot acre, less existing number of		
	trees meeting minimum requirements=		
	16 trees x net lot acres - number of existing trees=	16	22
	% Natives required: Number of trees provided x 30% =	5	13
C.	% Low maintenance / drought and salt tolerant required:	0	40
_	Number of trees provided x 50%= Street Trees (maximum average spacing of 20' o.c.)	8	13
υ.	linear feet along street divided by 20'=	-	5
_	Street tree species allowed directly beneath power lines:	5	5
Е.	(maximum average spacing of 20' o.c.):		
	linear feet along street divided by 20'=	5	5
	SHRUBS		
٨	Number of shrubs required: Sum of lot and street trees required x 12=		
	•	252	629
В.	% Native shrubs required: Number of shrubs provided x 50%=	126	445
	LARGE SHRUBS OR SMALL TREES		
A.	Number of large shrubs or small trees required: Number of required shru		
_	x 10%=	25	48
В.	% Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	13	48

MITIGATION CALCUTLATION REPLACEMENT: TOTAL PALMS TO BE REMOVED AT 15' = 11 TREES AT 2" DBH

PROVIDED: (16) TREES AT 12'HT (2) SATINLEAF (2)
PARADISE TREE (3) SILVER BUTTONWOOD (2) ORANGE
GEIGER (3) SIMPSON STOPPER (1) SPANISH STOPPER (3)
NATCHEZ CRAPE MYRTLE. (2) TREES AT 16' HT (2)
SIMPSON STOPPER (4) TREES AT 20' (2) RAINBOW
EUCALYPTUS (2) GUMBO LIMBO

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE
CHRYSOPHYLLUM OLIVIFORME	SATINLEAF	2	12`HT,2"CAL,6` SPRD
CITRUS X LIMON	MEYER LEMON	2	10' 1.5"DBH
COCCOTHRINAX CRINITA	OLD MAN PALM	1	14` CT
EUCALYPTUS DEGLUPTA	RAINBOW EUCALYPTUS	2	20` HT 7"CAL MIN
SABAL PALMETTO	CABBAGE PALMETTO	28	10` CT
SIMAROUBA GLAUCA	PARADISE TREE	2	12`HT,2"CAL,6` SPRD
ROYSTONEA REGIA	ROYAL PALM	1	16` CT
THRINAX RADIATA	FLORIDA THATCH PALM	14	6` CT
BURSERA SIMARUBA	GUMBO LIMBO	2	20` HT 7"CAL MIN
CONOCARPUS ERECTUS	SILVER BUTTON WOOD	3	12`HT,2"CAL,6` SPRD
CORDIA SEBESTENA	ORANGE GEIGER TREE	2	12`HT,2"CAL,6` SPRD
EUGENIA FOETIDA	SPANISH STOPPER	1	12`HT ,2"CAL, 6`SPRD
MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	2	16`HT, 4"CAL,8`SPRD
DYPSIS DECARYI	TRIANGLE PALM	3	6"DBH 16` CT
SERENOA REPENS	SILVER SAW PALMETTO	7	45 GAL.
LAGERSTROEMIA INDICA	NATCHEZ CRAPE MYRTLE	3	12`HT,2"CAL,6` SPRD
MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	3	12`HT ,2"CAL, 6`SPRD

DECLUBED BRODOSED

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	N/A	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.	11	16	
Sec. 126-6.	THE NUMBER OF REQUIRED TREES LISTED IN TABLE A FOR CATEGORY 1 RESIDENTIAL ZONING DISTRICTS ARE INTENDED FOR PROPERTIES 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 OFREQUIRED TREES WILL BE ROUNDED UP.	15	20	
Sec. 46-61.	A MINIMUM OF 50 PERCENT OF ALL REPLACEMENT TREES PLANTED SHALL BE NATIVE TO SOUTH FLORIDA	10	13	
	NO LESS THAN 50% OF THE REQUIRED TREES SHALL BE LOW MAINTENANCE OR DROOUGHT AND SALT TOLERANT SPECIES	10	15	

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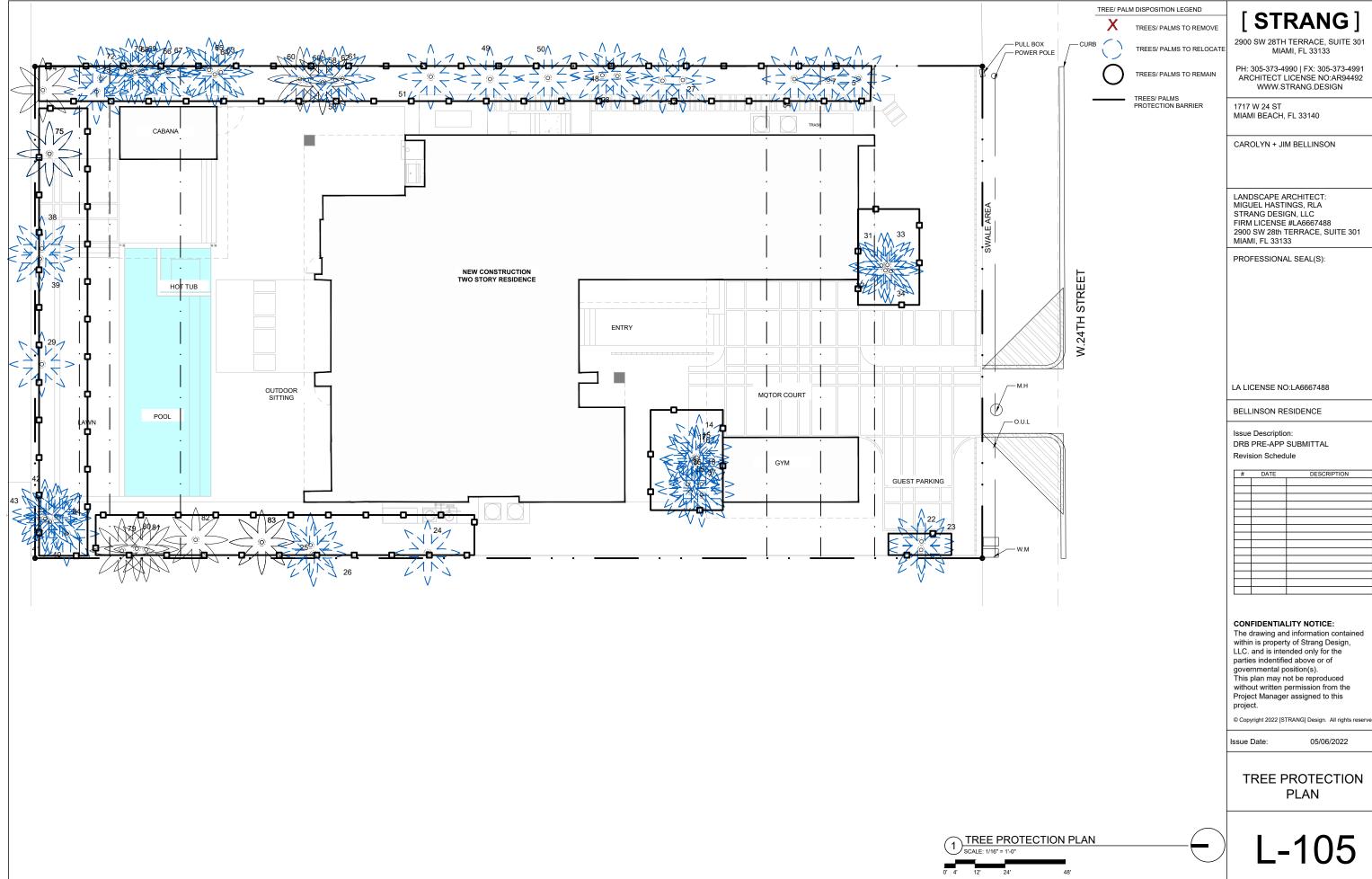
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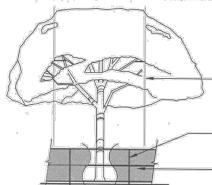
TREE MITIGATION CALCULATION



- 1	#	D/	\TE	DESCRIPTION
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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.

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
- (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
- (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.
- 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 OF 10' FEET TO COMPLETE THE TPZ, AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT.
- 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
- 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
- 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
- HEIGHT: 6' FEET
- LOCATIONS: TPZ. TO BE OUTSIDE OF THE CRZ (DRIP LINE OF CANOPY) + 10' = TPZ
- SIGNAGE: SHALL BE POSTED ON FENCING "TREE PROTECTION ZONE- KEEP OUT"
- MULCH: MULCH WITHIN TPZ FENCING WITH 2"-3" MULCH TO REDUCE MOISTURE EVAPORATION. DO NOT ALLOW MULCH

MIAMI FI 33133

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1717 W 24 ST MIAMI BEACH, FL 33140

CAROLYN + JIM BELLINSON

LANDSCAPE ARCHITECT: MIGUEL HASTINGS, RLA STRANG DESIGN, LLC FIRM LICENSE #LA6667488 2900 SW 28th TERRACE, SUITE 301 MIAMI. FL 33133

PROFESSIONAL SEAL(S):

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BELLINSON RESIDENCE

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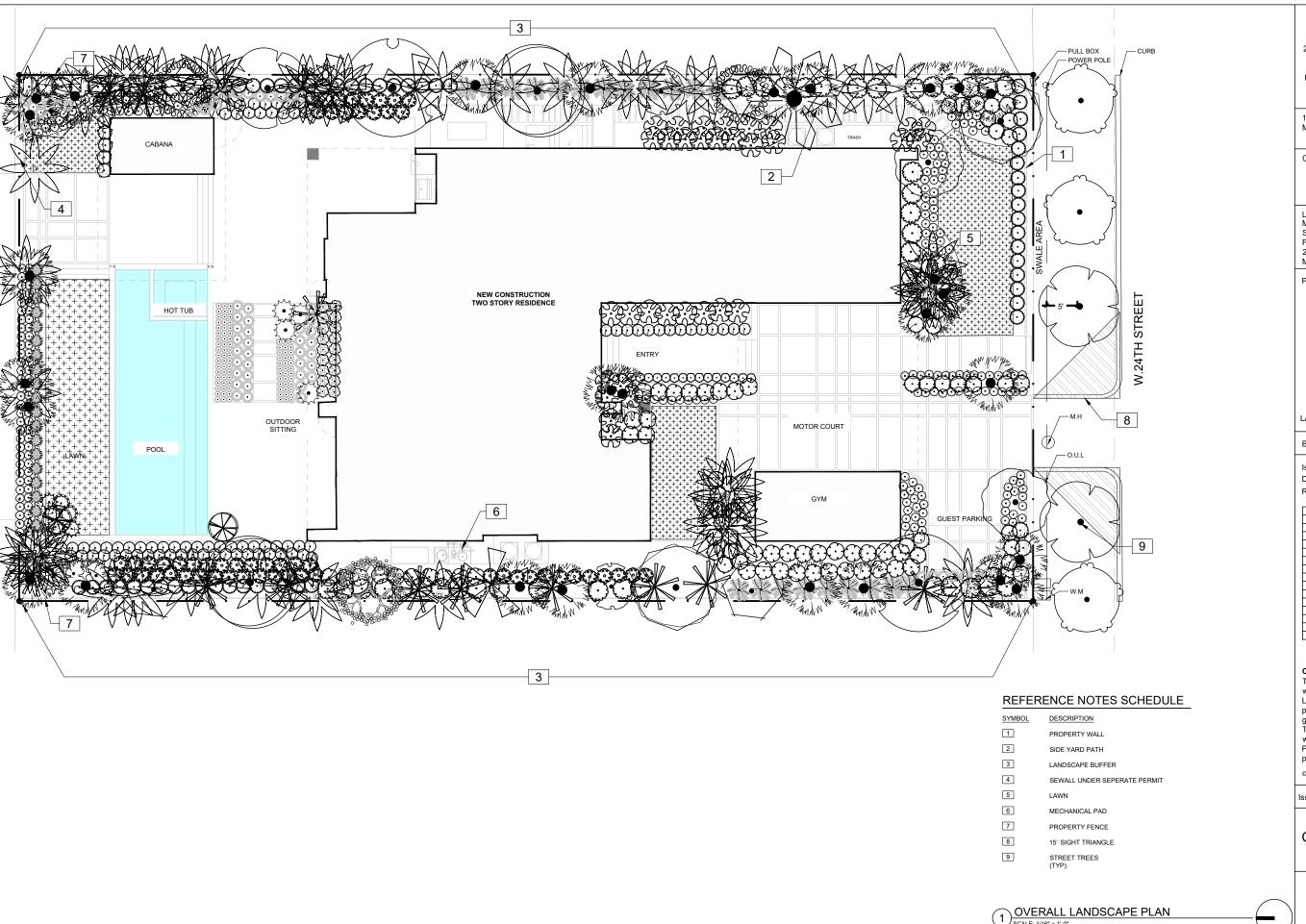
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TREE PROTECTION **NOTES**



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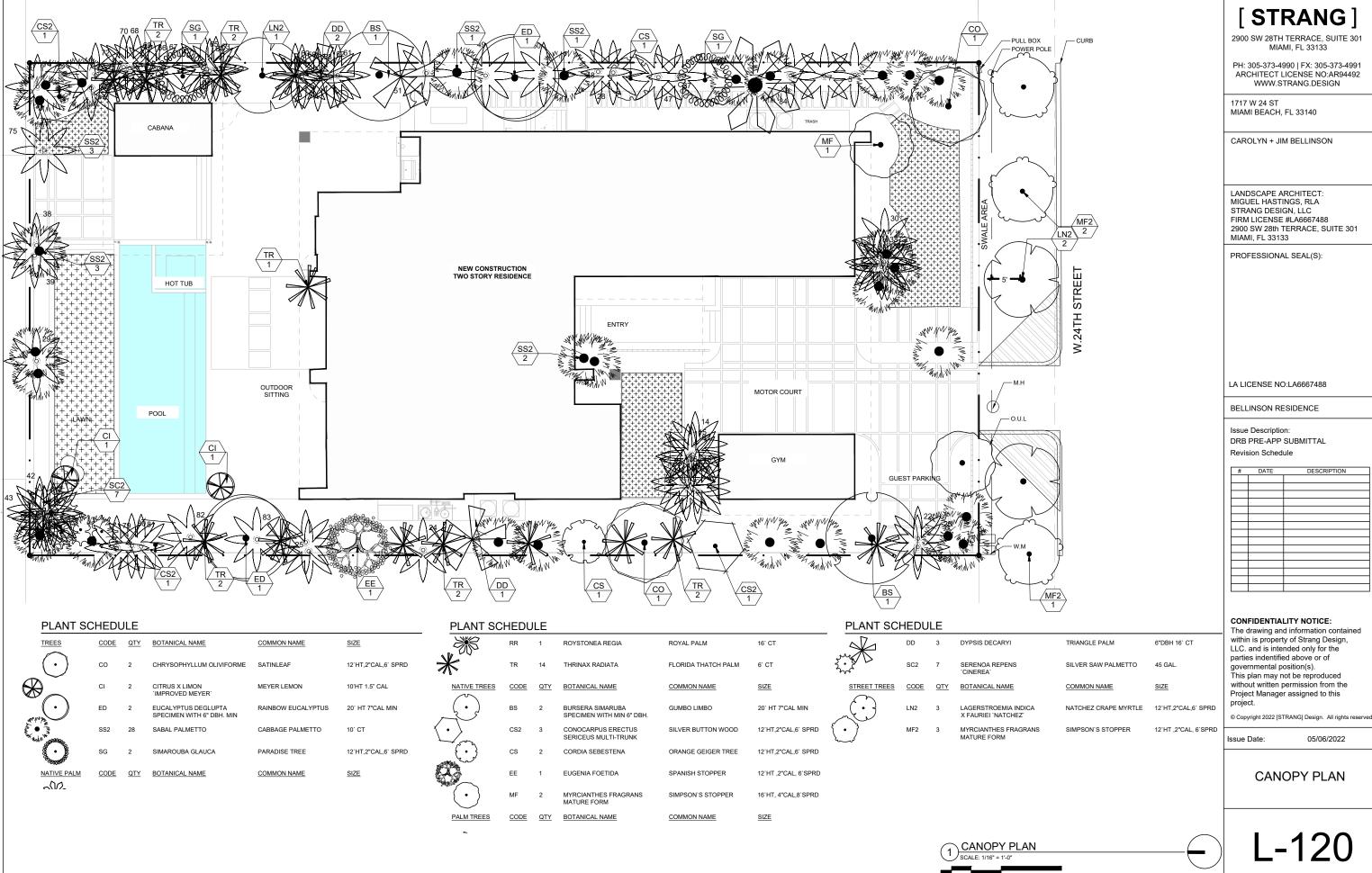
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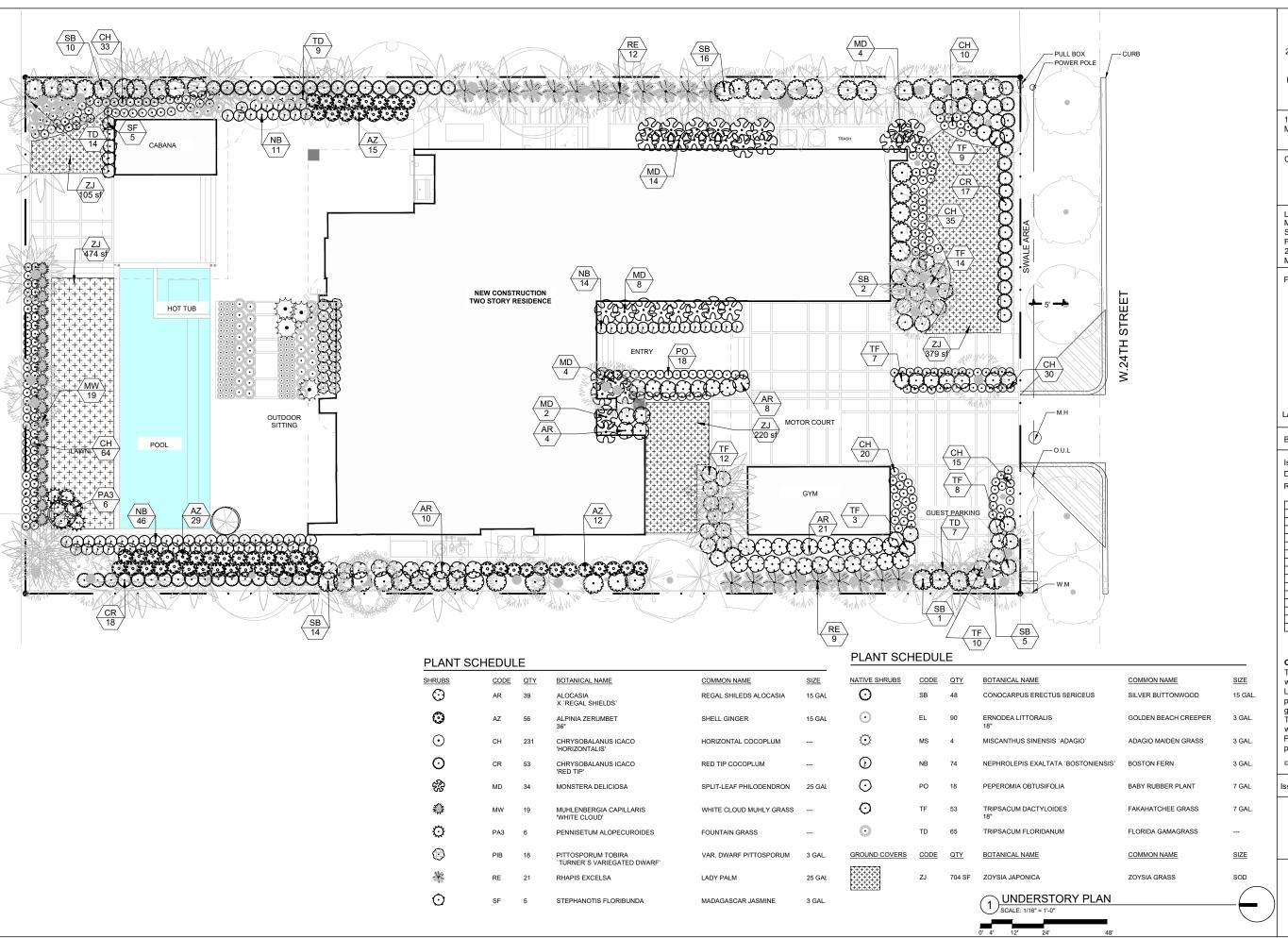
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OVERALL LANDSCAPE PLAN



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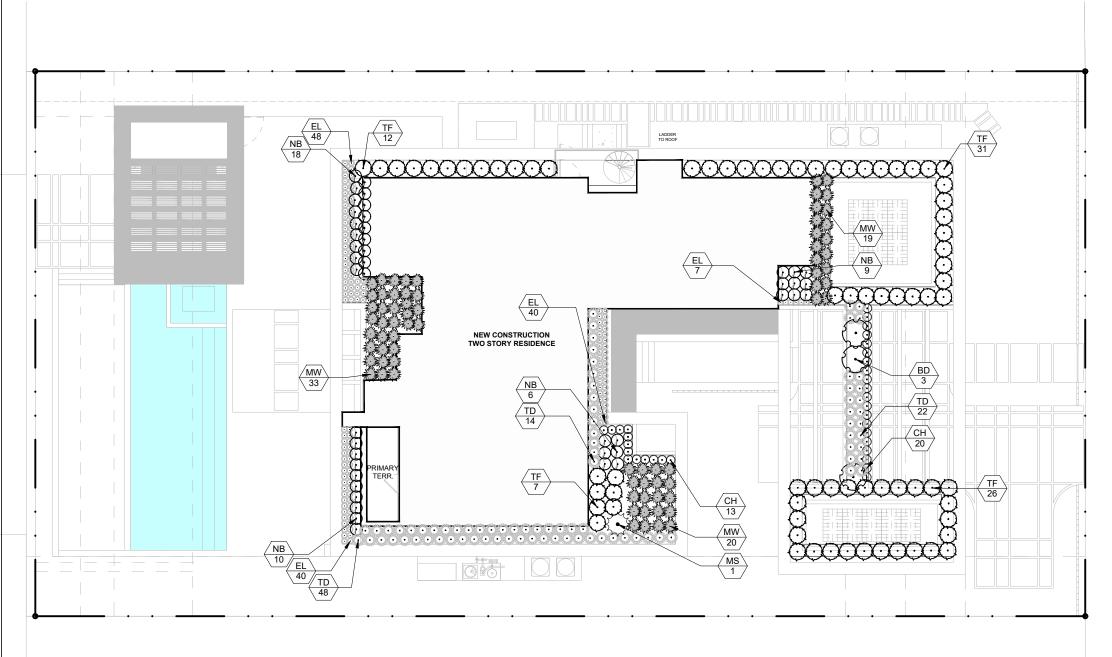
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UNDERSTORY PLAN



PLANT SCHEDULE

SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
0	BD	3	BOUGAINVILLEA VAR 36"	DELTA DAWN BOUGAINVILLEA	15 GAL.
0	СН	33	CHRYSOBALANUS ICACO 'HORIZONTALIS'	HORIZONTAL COCOPLUM	
	MW	72	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY GRASS	
NATIVE SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
0	EL	135	ERNODEA LITTORALIS 18"	GOLDEN BEACH CREEPER	3 GAL.
{• }	MS	1	MISCANTHUS SINENSIS 'ADAGIO'	ADAGIO MAIDEN GRASS	3 GAL.
\odot	NB	51	NEPHROLEPIS EXALTATA 'BOSTONIENSIS'	BOSTON FERN	3 GAL.
0	TF	78	TRIPSACUM DACTYLOIDES 18"	FAKAHATCHEE GRASS	7 GAL.
	TD	84	TRIPSACUM FLORIDANUM	FLORIDA GAMAGRASS	

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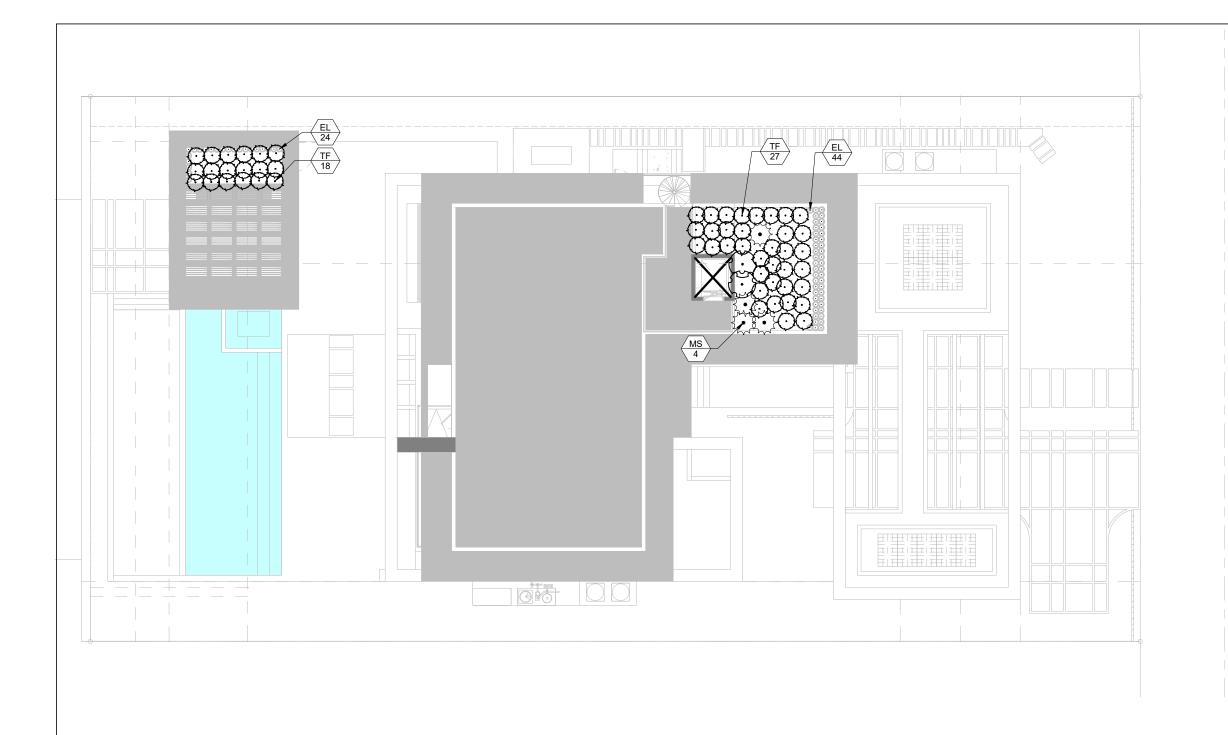
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SECOND FLOOR LANDSCAPE PLAN

L-132

2nd FLOOR LANDSCAPE PLAN
SCALE: 1/16" = 1'-0"



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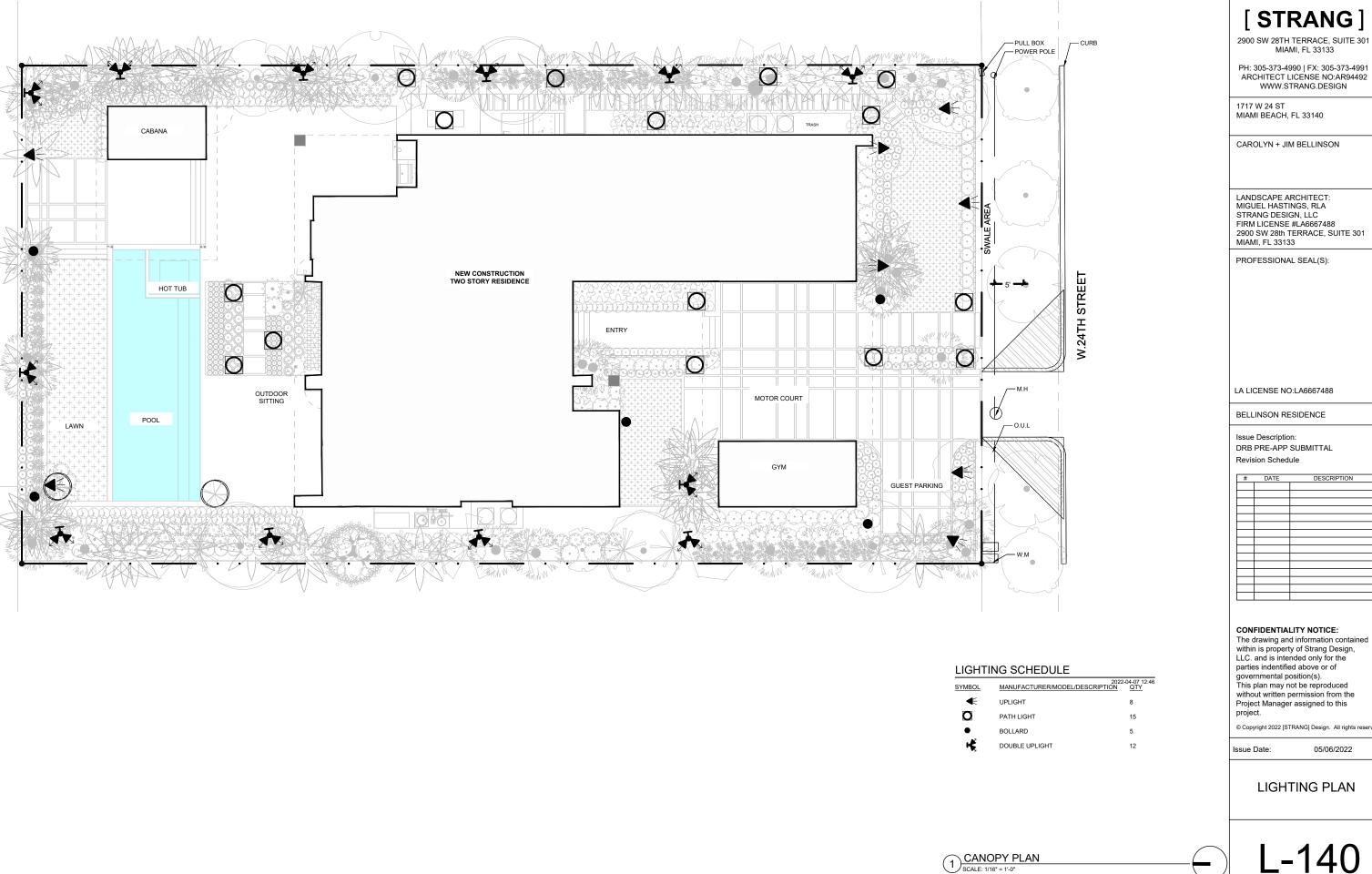
ROOF LANDSCAPE PLAN

L-133

PLANT SCHEDULE

1 1 11 00					
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
\bigcirc	BD	2	BOUGAINVILLEA VAR 36"	DELTA DAWN BOUGAINVILLEA	15 GAL.
NATIVE SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
0	EL	68	ERNODEA LITTORALIS 18"	GOLDEN BEACH CREEPER	3 GAL.
₹ }}	MS	4	MISCANTHUS SINENSIS 'ADAGIO'	ADAGIO MAIDEN GRASS	3 GAL.
0	TF	45	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	7 GAL.

ROOF LANDSCAPE PLAN
SCALE: 1/16" = 1'-0"



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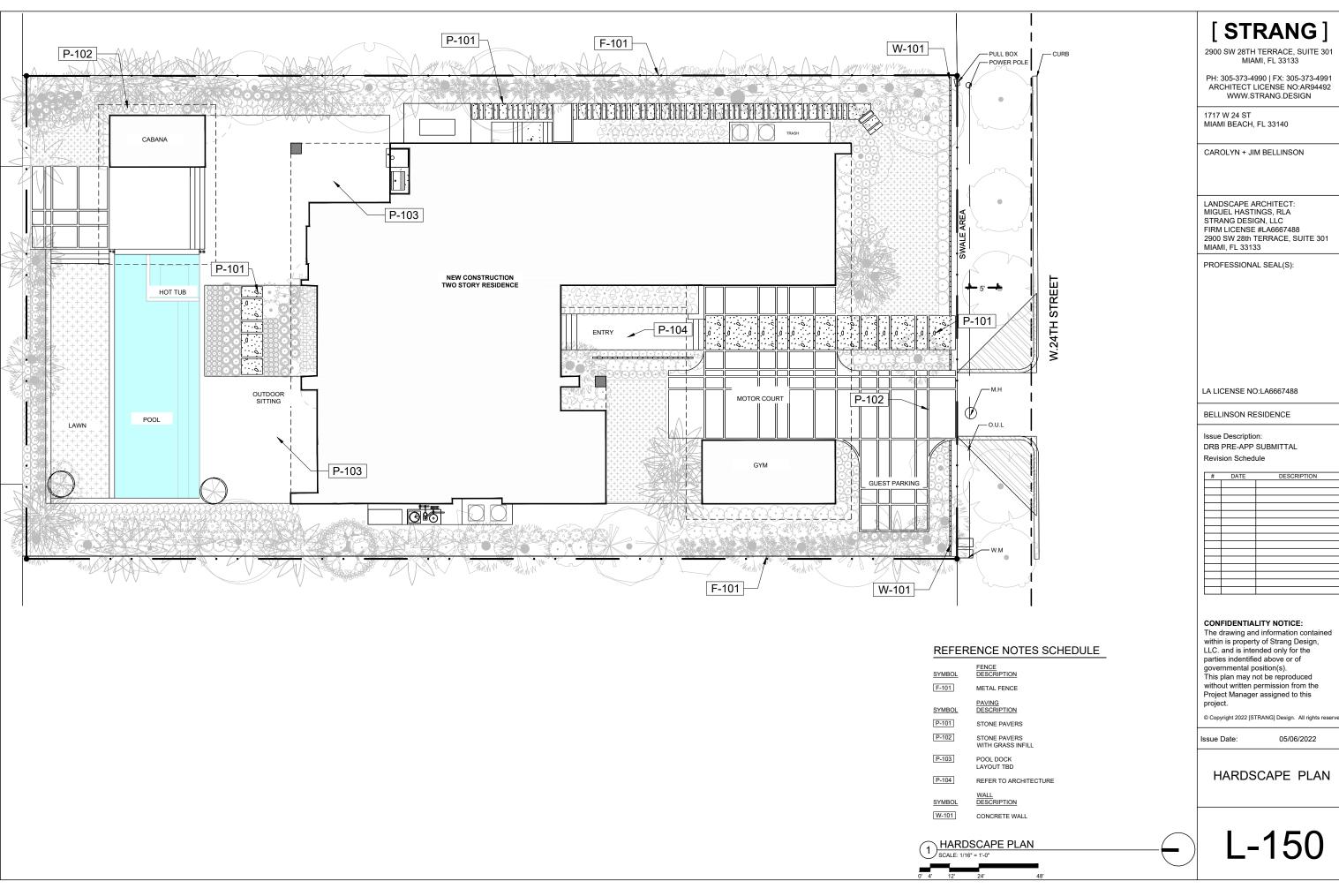
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LIGHTING PLAN



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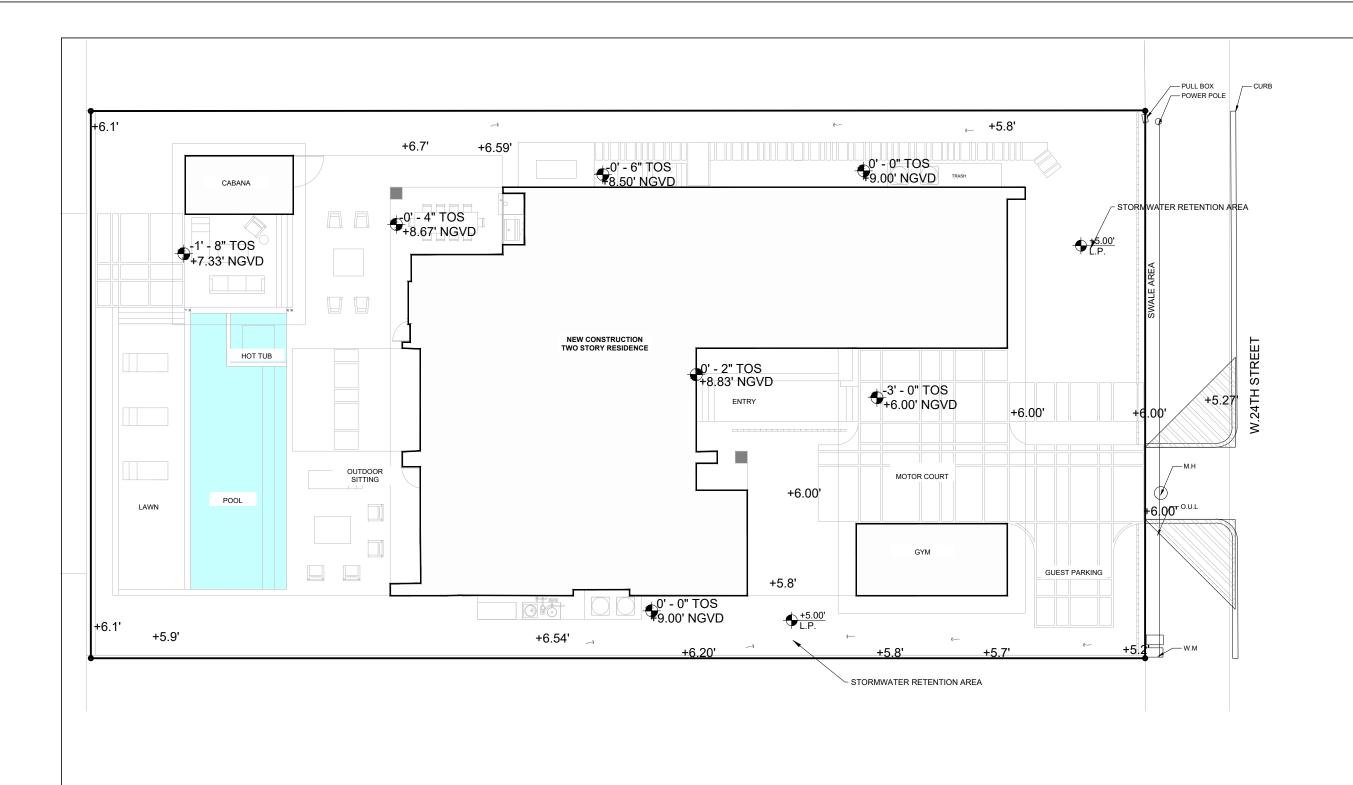
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HARDSCAPE PLAN



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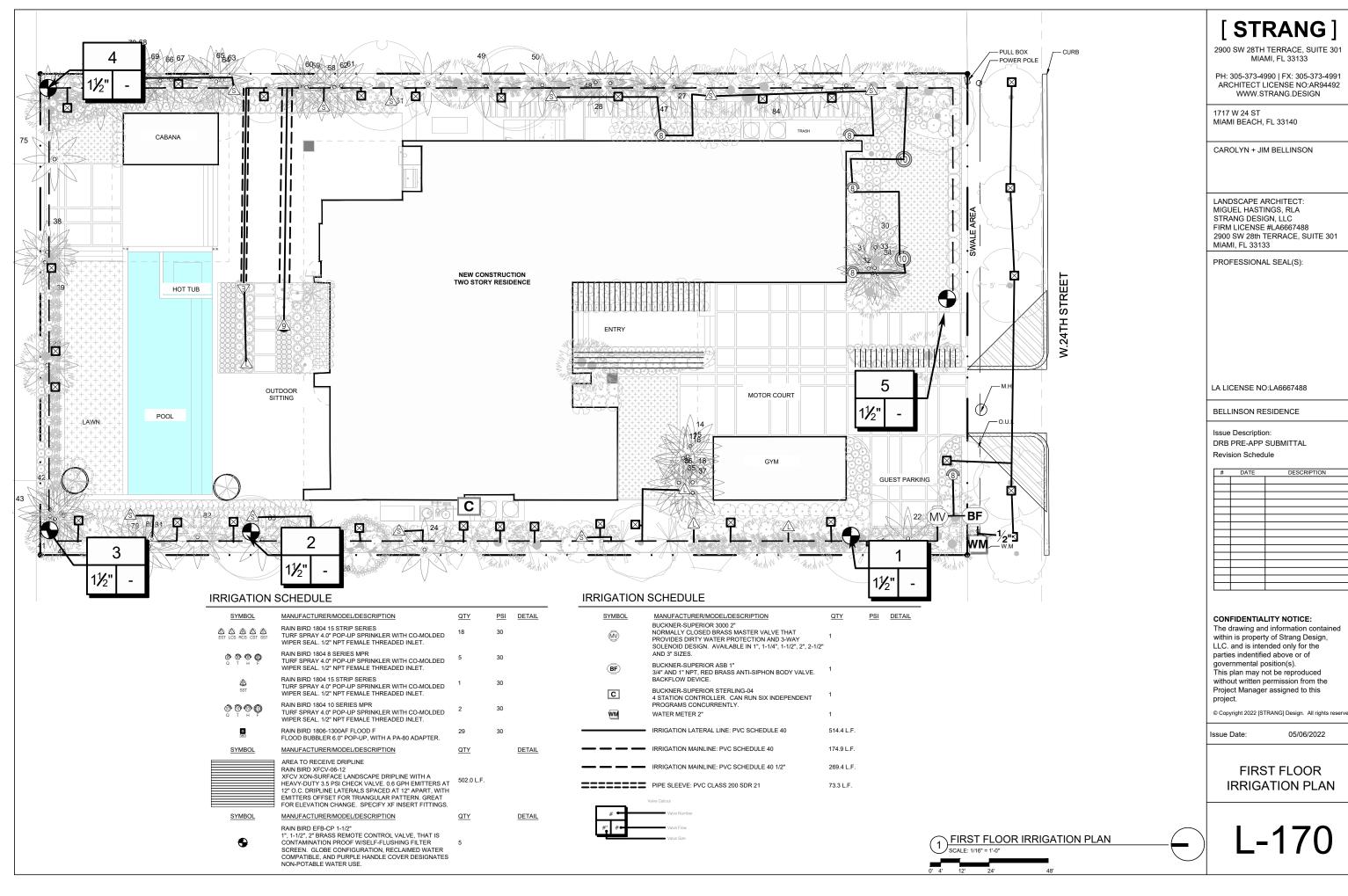
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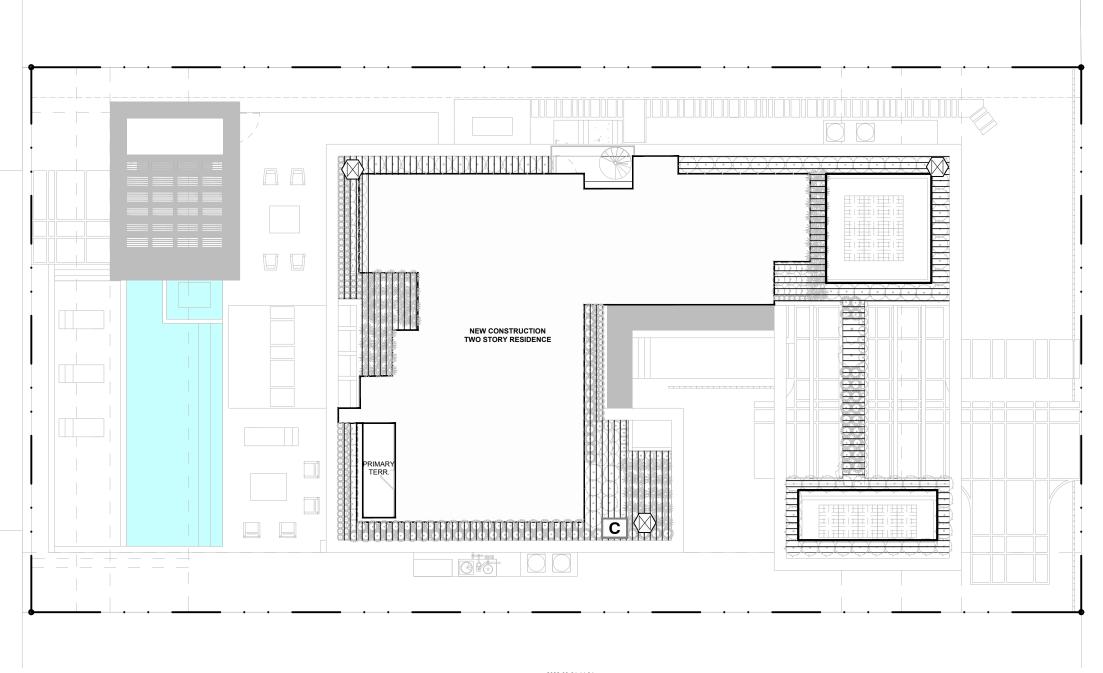
GRADING PLAN



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2022-03-31 11:34

IRRIGATION SCHEDULE

<u>SYMBOL</u>	YMBOL MANUFACTURER/MODEL/DESCRIPTION		DETAIL
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFCV-06-12 XFCV XON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 3.5 PSI CHECK VALVE. 0.6 GPH EMITTERS AT 12° O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. GREAT FOR ELEVATION CHANGE. SPECIFY XF INSERT FITTINGS.	1,952 L.F.	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
igorimsis	BUCKNER-SUPERIOR ASV 1" 3/4" AND 1" RED BRASS ANTI-SIPHON VALVE.	3	
C	BUCKNER-SUPERIOR STERLING-04 4 STATION CONTROLLER. CAN RUN SIX INDEPENDENT PROGRAMS CONCURRENTLY.	1	
	Valve Callout		

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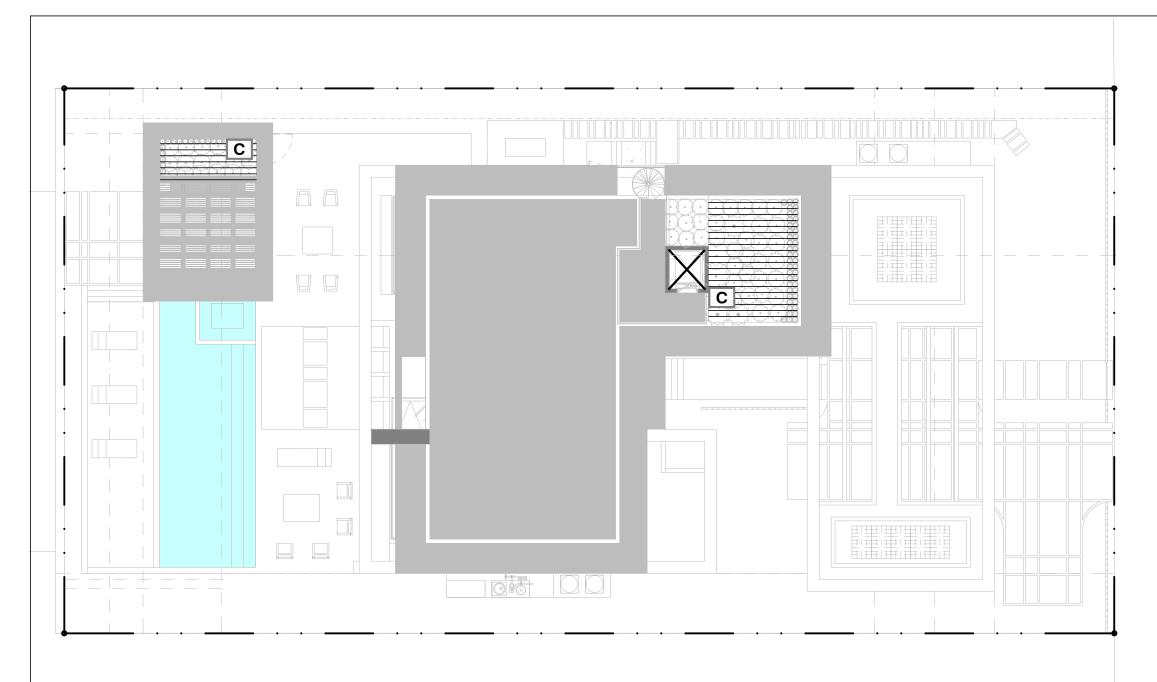
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2ND FLOOR **IRRIGATION PLAN**





2022-03-31 11:37

IRRIGATION SCHEDULE

SYMBOL MANUFACTURER/MODEL/DESCRIPTION QTY DETAIL

AREA TO RECEIVE DRIPLINE
RAIN BIRD XFCV-06-12
XFCV XON-SURFACE LANDSCAPE DRIPLINE WITH A
HEAVY-DUTY 3.5 PSI CHECK VALVE. 0.6 GPH EMITTERS AT
12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH
EMITTERS OFFSET FOR TRIANGULAR PATTERN. GREAT
FOR ELEVATION CHANGE. SPECIFY XF INSERT FITTINGS.

SYMBOL MANUFACTURER/MODEL/DESCRIPTION QTY DETAIL

BUCKNER-SUPERIOR STERLING-04
4 STATION CONTROLLER. CAN RUN SIX INDEPENDENT
PROGRAMS CONCURRENTLY.

Valve Callocal

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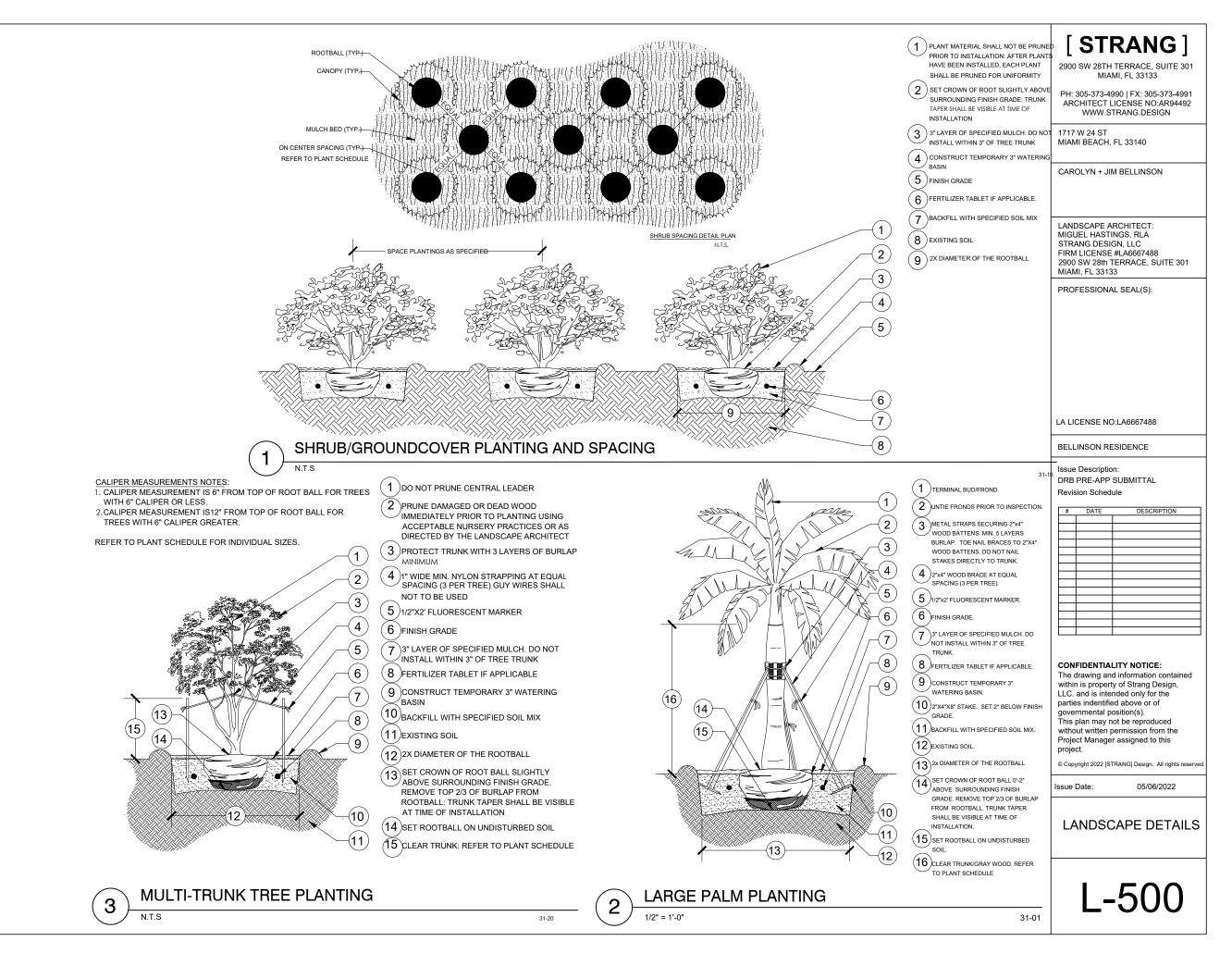
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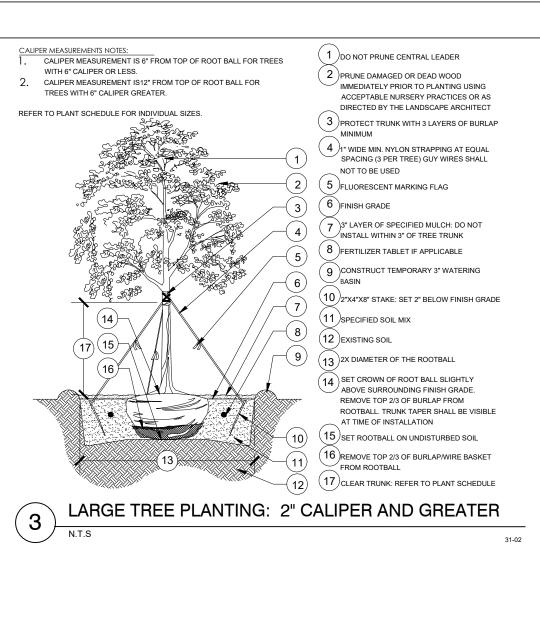
ROOF FLOOR

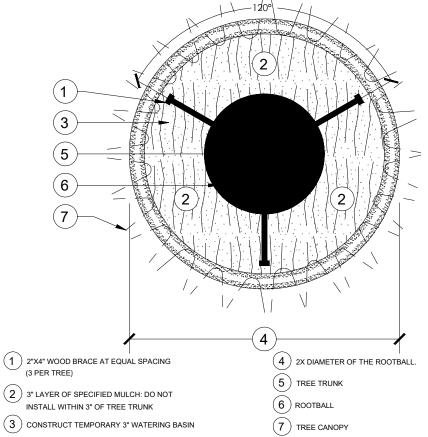
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IRRIGATION PLAN

1 ROOF FLOOR IRRIGATION PLAN L-172





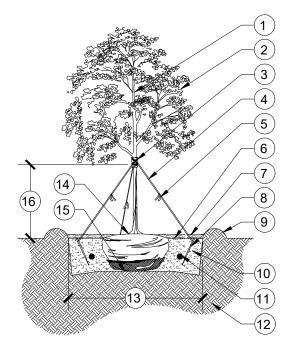


LARGE TREE STAKING

CALIPER MEASUREMENTS NOTES:

CALIPER MEASUREMENT IS 6" FROM TOP OF ROOT BALL FOR TREES WITH 6" CALIPER OR LESS. CALIPER MEASUREMENT IS12" FROM TOP OF ROOT BALL FOR TREES WITH 6" CALIPER GREATER.

REFER TO PLANT SCHEDULE FOR INDIVIDUAL SIZES



- (1) DO NOT PRUNE CENTRAL LEADER
- (2) PRUNE DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING USING ACCEPTABLE NURSERY PRACTICES OR AS DIRECTED BY THE LANDSCAPE ARCHITECT
- (3) PROTECT TRUNK WITH 3 LAYERS OF BURLAP
- 4 1" WIDE MIN. NYLON STRAPPING AT EQUAL SPACING (3 PER TREE) GUY WIRES SHALL NOT TO BE USED
- (5) 1/2"X2' FLUORESCENT MARKER
- 6 FINISH GRADE
- (7) 3" LAYER OF SPECIFIED MULCH: DO NOT INSTALL WITHIN 3" OF TREE TRUNK
- 8 2"X4"X8" STAKE: SET 2" BELOW FINISH GRADE
- 9 CONSTRUCT TEMPORARY 3" WATERING
- (10) BACKFILL WITH SPECIFIED SOIL MIX
- (11) FERTILIZER TABLET IF APPLICABLE
- (12) EXISTING SOIL
- (13) 2X DIAMETER OF THE ROOTBALL
- (14) SET CROWN OF ROOT BALL SLIGHTLY ABOVE SURROUNDING FINISH GRADE. REMOVE TOP 2/3 OF BURLAP FROM ROOTBALL: TRUNK TAPER SHALL BE VISIBLE AT TIME OF INSTALLATION
- (15) SET ROOTBALL ON UNDISTURBED SOIL
- (16) CLEAR TRUNK: REFER TO PLANT SCHEDULE

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LANDSCAPE DETAILS

05/06/2022

L-501

SMALL TREE PLANTING: LESS THAN 2" CALIPER

31-21