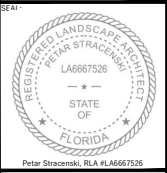


SHEET INDEX

SHEET #	SHEET TITLE								
L.00	COVR SHEET, LANDSCAPE LEGEND	PRELIMINARY DRB SET	●						
L.01	TREE DISPOSITION AND MITIGATION PLAN		●						
L.02	PLANTING PLAN		●						
L.03	GENERAL PLANTING NOTES AND DETAILS								
L.04	RENDERED SITE PLAN		●						
IR.01	IRRIGATION PLAN								
IR.02	IRRIGATION NOTES AND DETAILS								

LANDSCAPE LEGEND		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126		
ZONING: RS-4 LOT SIZE: 7,820 SF ACRES: 0.179		
MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF. 1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA. MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES DIVERSITY OF 01 - 10 TOTAL TREES REQUIRED : 2 TREE SPECIES	FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT TOTAL LOT AREA: 7,820 SF = 7 TREES REQ 30% x = 2 TREES OF NATIVE SPECIES 50% x 9 = 4 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED 10 TOTAL TREES PROVIDED 5 TOTAL NATIVE TREES PROVIDED 5 TOTAL LOW MAINTENANCE TREES PROVIDED 3 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	55 LINEAR FEET / 20 = 3 STREET TREES REQ	3 STREET TREES PROVIDED
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL TREES MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	10 x (TOTAL LOT + STREET TREES) = 120 TOTAL SHRUBS REQUIRED 50% x 120 = 60 SHRUBS OF NATIVE SPECIES 10% x 120 = 12 TOTAL LARGE SHRUBS 50% x 12 = 6 LARGE SHRUBS OF NATIVE SPECIES	147 TOTAL SHRUBS PROVIDED 87 TOTAL NATIVE SHRUBS PROVIDED 17 TOTAL LARGE SHRUBS PROVIDED
LAWN		
LAWN SHALL BE MAXIMUM OF 50 % OF REQUIRED LANDSCAPE AREA	LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA	
IRRIGATION SYSTEM		
LANDSCAPE SHALL BE WATERED BY A PERMANENT IRRIGATION SYSTEM		100% IRRIGATION COVERAGE PROVIDED

REV	DATE	DESCRIPTION



PROJECT NO: 05_23

PHASE: CONSTRUCTION

DATE: 06/01/2023

DRAWN: M.V.

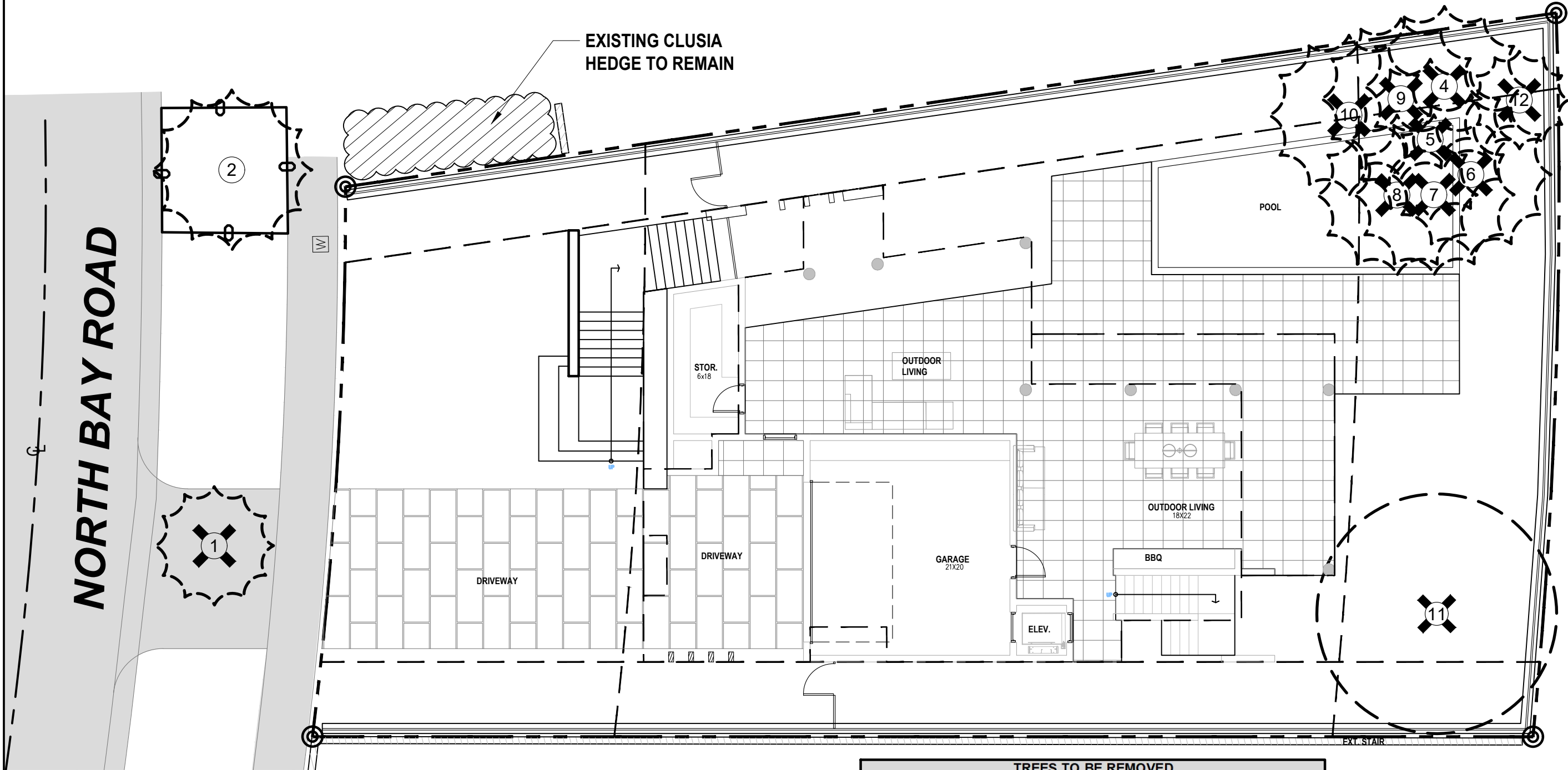
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SHEET TITLE:

COVER PAGE

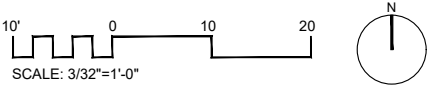
SHEET NO.

L.00



EXISTING TREE LIST						
#	BOTANICAL NAME	COMMON NAME	DBH	HT	SP	DISPOSITION
1	<i>Cocos nucifera</i>	Coconut Palm	7 "	16 '	12 '	Remove
2	<i>Phoenix sylvestris</i>	Wild Date Palm	8 "	14 '	16 '	Remain
3	<i>Clusia guttifera</i>	Clusia Hedge	N/A	8'	4'	Remain
4	<i>Cocos nucifera</i>	Coconut Palm	10 "	35 '	16 '	Remove
5	<i>Cocos nucifera</i>	Coconut Palm	10 "	40 '	16 '	Remove
6	<i>Cocos nucifera</i>	Coconut Palm	7 "	20 '	16 '	Remove
7	<i>Cocos nucifera</i>	Coconut Palm	8 "	30 '	16 '	Remove
8	<i>Cocos nucifera</i>	Coconut Palm	10 "	30 '	16 '	Remove
9	<i>Cocos nucifera</i>	Coconut Palm	8 "	15 '	16 '	Remove
10	<i>Cocos nucifera</i>	Coconut Palm	10 "	20 '	16 '	Remove
11	<i>Schinus terebinthifolia</i>	Brazilian Pepper	13 "	22 '	25 '	Remove
12	<i>Bambusa spp.</i>	Bamboo Cluster	20 "	25 '	15 '	Remove

TREES TO BE REMOVED			
#	BOTANICAL NAME	COMMON NAME	DBH
1	<i>Cocos nucifera</i>	Coconut Palm	N/A
4	<i>Cocos nucifera</i>	Coconut Palm	N/A
5	<i>Cocos nucifera</i>	Coconut Palm	N/A
6	<i>Cocos nucifera</i>	Coconut Palm	N/A
7	<i>Cocos nucifera</i>	Coconut Palm	N/A
8	<i>Cocos nucifera</i>	Coconut Palm	N/A
9	<i>Cocos nucifera</i>	Coconut Palm	N/A
10	<i>Cocos nucifera</i>	Coconut Palm	N/A
11	<i>Schinus terebinthifolia</i>	Brazilian Pepper	13 "
TOTAL NUMBER OF PALMS TO BE REMOVED			8
TOTAL AMOUNT OF DBH TO BE REMOVED			13 "
MITIGATION CALCULATION			
Total Number of Replacement Trees Provided			
Number of trees with 2" DBH & 12' HT.			10
+			
Number of palms with 6" DBH & 16' HT.			2



strata
LANDSCAPE ARCHITECTURE
1906 Tigertail Ave. Miami, FL 33133
strata-landarch.com | 305.747.9336

PROJECT TITLE:
2075 N BAY ROAD TREE PROTECTION PLAN

PROJECT ADDRESS:
2075 N Bay Rd, Miami Beach, FL 33140

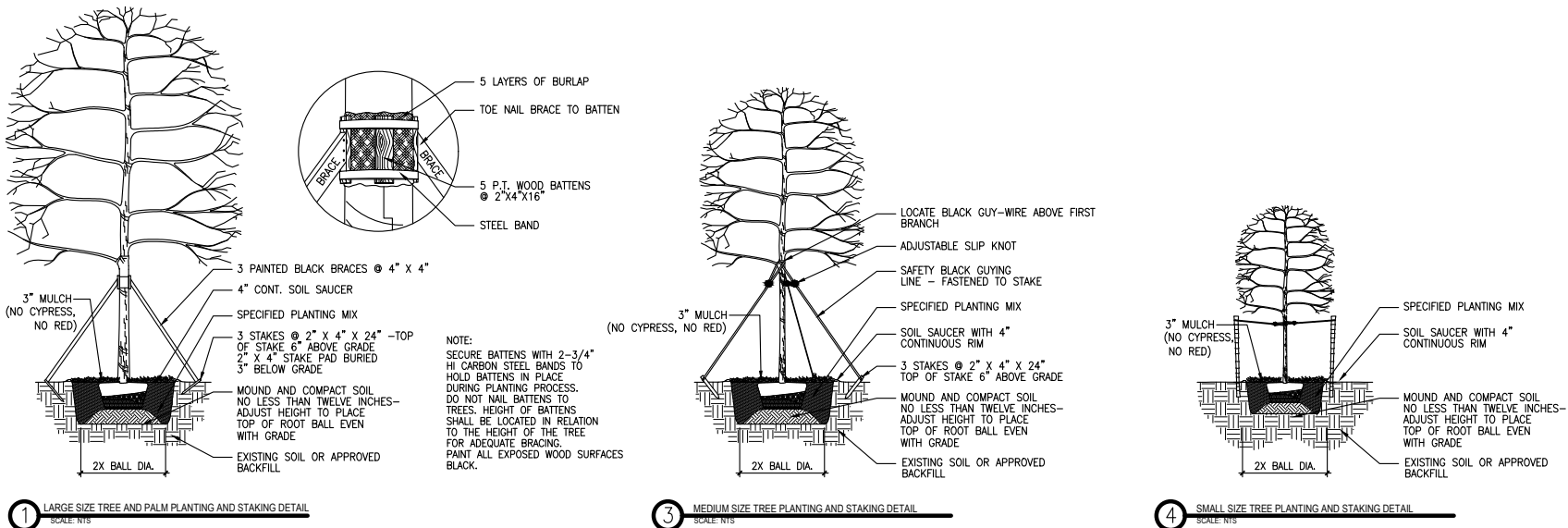
DESCRIPTION

REV

DATE

REVISIONS

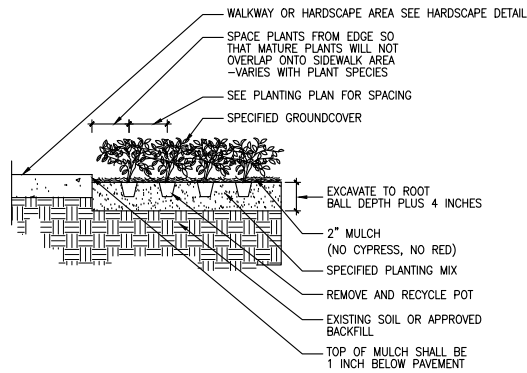
PROJECT NO: 05_23
PHASE: CONSTRUCTION
DATE: 06/01/2023
DRAWN: M.V.
CHECKED: P.S.
SHEET TITLE:
TREE DISPOSITION PLAN
SHEET NO.
L.01



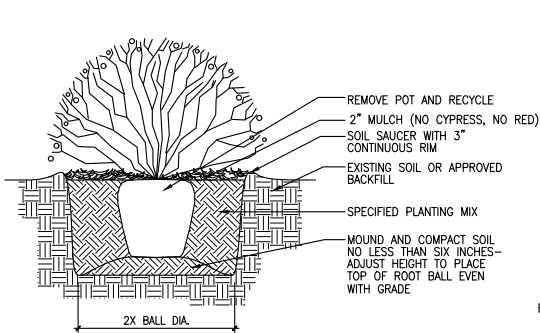
1 LARGE SIZE TREE AND PALM PLANTING AND STAKING DETAIL
SCALE: NTS

2 MEDIUM SIZE TREE PLANTING AND STAKING DETAIL
SCALE: NTS

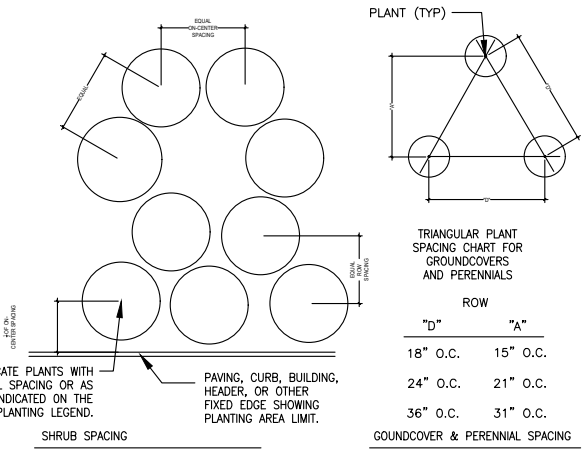
3 SMALL SIZE TREE PLANTING AND STAKING DETAIL
SCALE: NTS



5 GROUND COVER PLANTING DETAIL
SCALE: NTS



6 SHRUB PLANTING DETAIL
SCALE: NTS



7 PLANT SPACING DETAIL
SCALE: NTS

GENERAL PLANTING NOTES

- EXISTING TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING ALL CONSTRUCTION PHASES. ANY TREES OR SHRUBS SCARRED OR DESTROYED DESIGNATED TO REMAIN WILL BE REPLACED AT THE CONTRACTORS EXPENSE, WITH SIMILAR SPECIES, SIZE AND QUALITY.
- EXISTING TREES DESIGNATED TO BE STORED OFF-SITE, SHALL BE PROTECTED AND CARED FOR ACCORDINGLY TO INDUSTRY STANDARD. ANY TREES OR SHRUBS SCARRED OR DESTROYED WILL BE REPLACED AT THE CONTRACTORS EXPENSE, WITH SIMILAR SPECIES, SIZE AND QUALITY.
- LANDSCAPE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL UNDERGROUND UTILITIES OR STRUCTURES PRIOR TO DIGGING. LANDSCAPE CONTRACTOR SHALL REPAIR ALL DAMAGE TO UNDERGROUND UTILITIES, AND/OR CONSTRUCTION CAUSED BY UTILITY DAMAGE, AT NO COST TO THE OWNER.
- LANDSCAPE CONTRACTOR SHALL VERIFY ALL ESTIMATED QUANTITIES OF MATERIAL SHOWN ON THE DRAWINGS PRIOR TO SUBMITTING HIS BID. PLANTING PLAN TO TAKE PRECEDENCE OVER PLANT LIST IN DISCREPANCIES.
- EXISTING PLANT MATERIAL NOT SHOWN ON THE PLAN AND IN CONFLICT WITH NEW PLANTING SHALL BE EVALUATED AT THE TIME OF NEW PLANTING INSTALLATION BY THE LANDSCAPE ARCHITECT.
- ALL BUILDING CONSTRUCTION MATERIAL AND FOREIGN MATERIAL SHALL BE REMOVED FROM PLANTING AREAS AND REPLACED WITH 80/20 MIX FILL SOIL, OR AS PER SPECIFICATIONS. ALL ISLANDS IN PARKING LOTS AND AROUND BUILDINGS, SHALL BE EXCAVATED TO A DEPTH OF 3 MIN. AND REPLACED WITH 80/20 PLANT MIX, OR AS PER SPECIFICATIONS.
- ALL PLANT MATERIAL SYMBOLS SHOWN ON LANDSCAPE PLAN SHALL BE CONSIDERED DIAGRAMMATIC AND SHOULD BE ADJUSTED IN THE FIELD BY CONTRACTOR TO AVOID ALL UTILITIES AND ALL OTHER OBSTRUCTIONS AFTER CONSULTING THE LANDSCAPE ARCHITECT.
- ALL SIZES SHOWN FOR PLANT MATERIAL ON THE PLANT LIST ARE TO BE CONSIDERED MINIMUM. ALL PLANT MATERIAL MUST MEET OR EXCEED THESE MINIMUM REQUIREMENTS FOR BOTH HEIGHT AND SPREAD. ANY OTHER REQUIREMENTS FOR SPECIFIC SHAPE OR EFFECT AS NOTED ON THE PLAN SHALL ALSO BE REQUIRED FOR ACCEPTANCE. ALL TREES TO HAVE SINGLE TRUNK, UNLESS OTHERWISE NOTED ON THE PLANS OR PLANT LIST.
- SITE PREPARATION SHALL INCLUDE THE ERADICATION AND REMOVAL OF ANY WEEDS, GRASS, AS WELL AS CLEAN-UP OF ANY DEAD MATERIAL AND FINISH GRADING AS PER THE SPECS.
- THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE JOB SITE CLEAN AND FREE FROM ACCUMULATION OF WASTE MATERIAL, DEBRIS, AND RUBBISH.
- THE LANDSCAPE CONTRACTOR SHALL EXERCISE CAUTION TO PROTECT ANY NEW HARDSCAPE CONSTRUCTION OR IRRIGATION. ANY DAMAGE SHALL BE REPLACED OR REPAIRED TO THE ORIGINAL STATE BY THE LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL PLANT MATERIAL TO BE FLORIDA #1 OR BETTER, AS DEFINED BY THE FLORIDA DEPARTMENT OF AGRICULTURES CODES AND STANDARDS FOR NURSERY PLANTS PART I AND II.
- MULCH ALL PLANTING AREAS WITH SHREDDED ORGANIC MULCH TO A MINIMUM DEPTH OF 2". WITH THE EXCEPTION OF BEACH PLANTING.
- ALL PLANTING AREAS WITHIN LIMIT OF WORK SHALL BE 100% FULLY IRRIGATED. THE IRRIGATION CONTRACTOR AWARDED THE BID SHALL COMPLY WITH THE PROPOSED IRRIGATION DESIGN.
- ON-SITE LAYOUT OF PLANT MATERIAL MUST BE COORDINATED WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- TREE PROTECTION BARRIERS MUST BE INSTALLED AT THE DRIP LINES OF ALL TREES AND PALMS TO REMAIN OR BE RELOCATED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES ON-SITE AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS COMPLETED.
- MULCH SHALL NOT BE APPLIED WITHIN 6" OF ANY TREE OR PALM TRUNKS THAT ARE INSTALLED OR INCORPORATED INTO THE PROJECT. FOR ROW TREES/PALMS PLEASE UTILIZE AMERIGROW (PREMIUM PINEBARK BROWN) SHREDDED MULCH OR A CITY APPROVED ALTERNATIVE.
- SHOULD ANY CORRECTIVE STRUCTURAL PRUNING BE NECESSARY FOR TREES PROPOSED TO REMAIN ON SITE, DUE TO CLEARANCE, SAFETY OR FOR CONSTRUCTION RELATED REASONS THE PRUNING SHALL BE DIRECTED OR PERFORMED BY AN CERTIFIED ARBORIST IN ACCORDANCE WITH THE LATEST VERSION OF THE ANSI A-300 PRUNING STANDARDS AND GOOD HORTICULTURAL PRACTICES. THE CITY URBAN FORESTER SHALL BE PROVIDED WITH A WRITTEN COPY OF THE PROPOSED PRUNING PLAN INCLUDING THE REASONS WHY PRUNING IS NECESSARY, PRIOR TO THE PRUNING ACTIVITIES TAKING PLACE.
- CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION TRENCHING WITHIN CRITICAL ROOT ZONE OF TREES AND PALMS SLATED TO REMAIN IN PLACE OR BE RELOCATED. IF CONSTRUCTION REQUIRES THE CUTTING OF ANY ROOTS WITH A DIAMETER OF 2" OR GREATER, ROOTS SHALL BE CLEANLY CUT WITH A SHARP TOOL, AS DIRECTED BY AN ISA CERTIFIED ARBORIST, AND IN ACCORDANCE WITH THE ANSI A-300 STANDARDS. CUT ROOTS SHOULD BE IMMEDIATELY COVERED WITH SOIL TO PREVENT DRYING. ROOTS SHOULD NOT BE TORN OR BROKEN BY HEAVY EQUIPMENT, AND SHREDDED, RAGGED OR BROKEN ROOTS ENDS SHOULD BE NOTED AND REVIEWED WITH THE LANDSCAPE ARCHITECT PRIOR TO ANY ROOT PRUNING TAKING PLACE.

HANDLING AND TRANSPORTATION

- TREES/PALMS SHALL BE PROPERLY HANDLED DURING EXCAVATION, MOVING, STORAGE, RELOCATION, AND REPLANTING. DO NOT SCAR OR OTHERWISE DAMAGE TRUNKS AND BRANCHES, AND AVOID BREAKING LIMBS, BRANCHES, AND FRONDS. DAMAGE TO TREE/PALM MAY BE CAUSE FOR ITS REJECTION, AND MAY REQUIRE MITIGATION REPLACEMENT BY THE CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE MANUAL WATERING OF ALL RELOCATED TREES/PALMS DURING MAINTENANCE PERIOD, UNTIL FINAL ACCEPTANCE OF ALL WORK BY THE LANDSCAPE ARCHITECT AND/OR CLIENT.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TREE/PALM PROTECTION FENCE.

WARRANTY

- ALL PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION.
- FOR ANY RELOCATED TREE/PALM REMOVED DUE TO ITS FAILURE TO THRIVE, LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND INSTALLING WITH A SPECIMEN OF EQUAL OR GREATER SPECIFICATION OF ORIGINAL REPLACEMENT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, PREPARATION OR INSTALLATION.
- LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM OF ONE (1) YEAR GUARANTEE FOR ALL RELOCATED TREES/PALMS AFTER FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR CLIENT.

TREE / PALM RELOCATION NOTES

- VERIFY AND INSURE ALL TREES/PALMS IDENTIFIED ON THE CONSTRUCTION DRAWINGS AND THOSE TAGGED IN THE FIELD CORRESPOND AS TO NUMBER AND DESCRIPTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO PREPARATION.
- ROOTS TO BE PRUNED WITH CLEAN, SHARP TOOLS. ROOTS ONE (1) INCH AND LARGER IN DIAMETER SHALL BE NEATLY AND CLEANLY CUT WITH A HAND SAW OR OTHER APPROVED CUTTING IMPLEMENT.
- LANDSCAPE CONTRACTOR TO APPLY MYCORRHIZA APPLICATION TO ROOTS DURING ROOT PRUNING AND DIGGING OPERATIONS. ALL PRUNING TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PRUNING.
- DEAD WOOD, CROSSING BRANCHES, AND GENERAL CANOPY PRUNING SHALL BE PERFORMED OR DIRECTED BY AN ISA OR ASCA CERTIFIED ARBORIST IN ACCORDANCE WITH THE LATEST VERSION IF THE ANSI A-300 PRUNING STANDARDS AND GOOD HORTICULTURAL PRACTICES IMMEDIATELY AFTER COMPLETION OF ROOT PRUNING OF EACH SPECIMEN TO BE RELOCATED. ALL PRUNING TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PRUNING.

- MAINTAIN COMPACT ROOT BALLS. ROOT BALLS SHALL BE COMPLETELY ENCLOSED WITHIN A BURLAP COVERING OR STRETCH WRAP AS COMMONLY USED WITHIN THE HORTICULTURAL INDUSTRY, IN TWO COMPLETE LAYERS (THICKNESS).
- ALL PITS TO BE FILLED THE SAME DAY AND WITH CLEAN FILL IN 18 INCH LIFTS/LAYERS, EACH THEN COMPACTED BEFORE A SUBSEQUENT 18" LIFT/LAYER IS PLACED. REPEAT UNTIL BACKFILL IS FLUSH WITH SURROUNDING GRADE.
- CORRECT ALL PROBLEMS RELATED TO SETTLEMENT, EROSION, OR OTHER DISTRESS OF EXCAVATED/BACKFILLED PIT FROM WHICH TREE/PALM HAS BEEN REMOVED, INCLUDING THE COMPLETE AND THOROUGH REMOVAL OF ALL RESIDUAL ROOTS, STUMPS AND PORTIONS AND PARTS THEREOF.
- RESTORE THE SURFACE WITH MATERIAL TO MATCH ADJACENT AREAS. CONTRACTOR TO PROVIDE A MINIMUM ONE YEAR WARRANTY ON SETTLING AND PLANT MATERIAL.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL INCLUDING BUT NOT LIMITED TO BACKFILL MATERIAL, PROTECTION FENCING, FLAGGING, ROOT BALL BURLAP OR SHRINK WRAP.

INSTALLATION

- VERIFY ALL UNDERGROUND CONSTRUCTIONS OR OBSTRUCTION (UTILITIES, SEPTIC SYSTEMS, ETC.) ARE IDENTIFIED, LOCATED AND CLEARLY MARKED AS APPROPRIATE PRIOR TO EXCAVATION OF PLANTING PITS FOR RELOCATED TREES AND PALMS. ANY UNKNOWN OBJECTS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO INSTALLING AND BACKFILLING.
- LANDSCAPE CONTRACTOR TO FLAG ALL PROPOSED PLANT LOCATIONS FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO INSTALLATION.
- PLANTING PITS SHALL BE A MINIMUM OF TWO (2) TIMES LARGER IN DIAMETER AND ONE AND A HALF (1-1/2) TIMES LARGER IN DEPTH THAN THE ROOT BALL. ROUGHEN SIDES AND BOTTOM OF PIT.
- AFTER EACH PLANTING PIT IS EXCAVATED, PLACE SUFFICIENT PLANTING MIX IN BOTTOM OF EXCAVATION, AND SEAT PLANT, INSURING TOP OF ROOT BALL IS FLUSH WITH IMMEDIATELY ADJACENT FINAL OR PROPOSED GRADE.
- LANDSCAPE CONTRACTOR TO INSURE ALL PLANT MATERIAL IS INSTALLED AT THE CORRECT ELEVATION. REFER TO HARDSCAPE PLANS AND CIVIL ENGINEERS GRADING PLANS FOR PROPOSED SITE ELEVATIONS.
- LANDSCAPE CONTRACTOR TO INSURE ALL ROOT FLARES ARE EXPOSED.
- PLACE PLANTING MIX IN 12 INCH LIFTS/LAYERS AROUND ROOT BALL AND COMPACT UNTIL ALL VOIDS ARE FILLED WITH COMPACTED PLANTING MIX.
- BUILD SOIL SAUCER OF MOUNDED EXCAVATED SOIL AROUND PERIMETER OF EACH PLANTING PIT TO FORM WATERING BASIN. MULCH TO A DEPTH OF 3".

TREES TO BE REMOVED			
#	BOTANICAL NAME	COMMON NAME	DBH
1	<i>Cocos nucifera</i>	Coconut Palm	N/A
4	<i>Cocos nucifera</i>	Coconut Palm	N/A
5	<i>Cocos nucifera</i>	Coconut Palm	N/A
6	<i>Cocos nucifera</i>	Coconut Palm	N/A
7	<i>Cocos nucifera</i>	Coconut Palm	N/A
8	<i>Cocos nucifera</i>	Coconut Palm	N/A
9	<i>Cocos nucifera</i>	Coconut Palm	N/A
10	<i>Cocos nucifera</i>	Coconut Palm	N/A
11	<i>Schinus terebinthifolia</i>	Brazilian Pepper	13 "
TOTAL NUMBER OF PALMS TO BE REMOVED			8
TOTAL AMOUNT OF DBH TO BE REMOVED			13 "
MITIGATION CALCULATION			
Total Number of Replacement Trees Provided			
Number of trees with 2" DBH & 12' HT.			10
+			
Number of palms with 6" DBH & 16' HT.			2

REV	DATE	DESCRIPTION



PROJECT NO: 05_23

PHASE: CONSTRUCTION

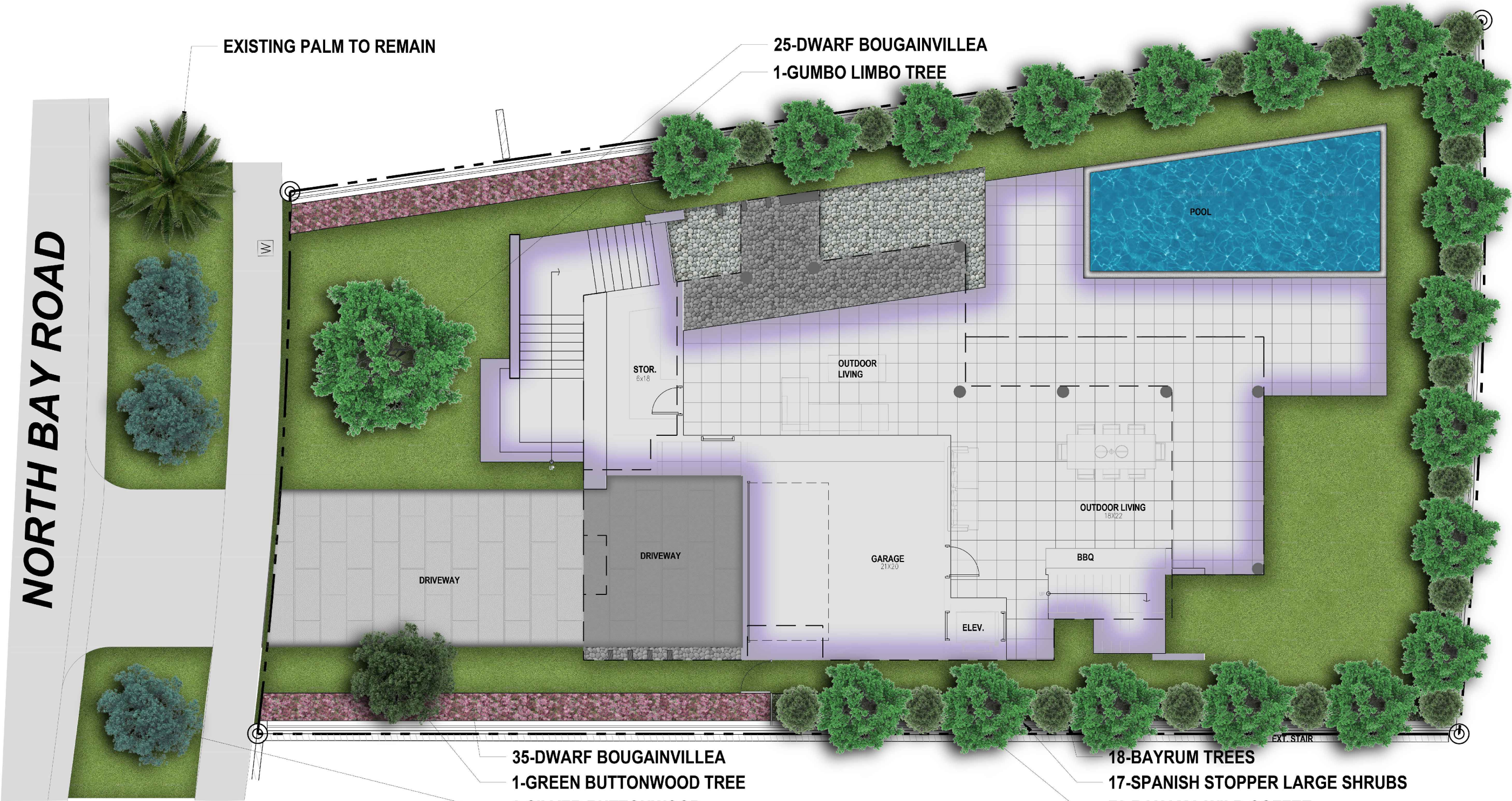
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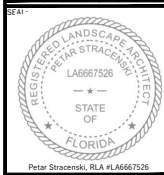


2075 N BAY ROAD TREE PROTECTION PLAN

2075 N Bay Rd, Miami Beach, FL 33140

PROJECT TITLE:

REV	DATE	DESCRIPTION



PROJECT NO: 05_23
PHASE: CONSTRUCTION
DATE: 06/01/2023
DRAWN: M.V.
CHECKED: P.S.

SHEET TITLE:
SITE RENDERING

SHEET NO.
L.04