

SITWORK GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK BY THE SUBCONTRACTORS.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AT JOB SITE AND NOTIFY LANDSCAPE ARCHITECT AND GENERAL CONTRACTOR OF DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING ANY WORK.
3. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION. ALL CONTRACTORS MUST COMPLY WITH PERMIT REQUIREMENTS, LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES RULES AND REGULATIONS AND LAND USE APPROVAL CONDITIONS AT ALL TIMES.
4. WORK PERFORMED WITHOUT APPROVAL OF LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES AND/OR NOT IN COMPLIANCE WITH SPECIFICATIONS AND/OR DRAWINGS IS SUBJECT TO REMOVAL AT CONTRACTOR'S EXPENSE.
5. ALL WORK SHALL CONFORM TO THE APPROPRIATE AGENCIES. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES, LINES AND STRUCTURES PRIOR TO EXCAVATION OR TRENCHING. DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN ON THE DRAWINGS. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING OVER OR NEAR EXISTING GAS AND ELECTRICAL LINES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING ALL LAND MONUMENTS DISRUPTED BY CONSTRUCTION ACTIVITIES OR NEGLIGENCE ON THE PART OF THE CONTRACTOR. RESETS SHALL BE PERFORMED UNDER THE SUPERVISION OF A REGISTERED LAND SURVEYOR AND MONUMENT RECORDS MUST BE FILED AS REQUIRED BY STATUTE FOR ALL MONUMENTS.
7. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS AND STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE LANDSCAPE ARCHITECT AT THE CONTRACTOR'S EXPENSE.
8. ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES STANDARDS. PROVIDE ADEQUATE TIME FOR REVIEW AND APPROVAL BY THE ABOVE JURISDICTIONS PRIOR TO COMMENCEMENT.
9. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES UTILIZED OR FOR SAFETY PRECAUTIONS OR PROBLEMS IN CONNECTION WITH THE WORK. THE LANDSCAPE ARCHITECT WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACT DOCUMENTS INCLUDE THE CONSTRUCTION DOCUMENT DRAWING SET/TECHNICAL SPECIFICATIONS MANUAL/LASIS.
10. CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF ANY DISCREPANCIES, GRAPHICALLY SHOWN MATERIAL QUANTITIES SHALL TAKE PRECEDENCE.
11. A SYSTEM OF DIAGRAMMATIC SYMBOLS, HATCHES AND NOTATIONS IS USED IN THESE DRAWINGS. REVIEW NOTATIONS CAREFULLY, NOTIFY LANDSCAPE ARCHITECT AND REQUEST CLARIFICATION OF ANY UNCLEAR NOTATION OR DISCREPANCY PRIOR TO COMMENCING WORK.

SITWORK GENERAL NOTES CONTINUED

1. PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES. IRRIGATION AND ELECTRICAL SLEEVES AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE CONSTRUCTED PRIOR TO PAVING AND LANDSCAPE WORK. UTILITY SLEEVES ARE REQUIRED IN ALL PLANT BEDS ISOLATED BY PAVEMENT OR ANY OTHER STRUCTURES.
2. SPECIAL CONSIDERATION IS GIVEN TO THE DESIGN AND INTENDED RELATIONSHIP BETWEEN ARCHITECTURE, PLANTING AREAS AND PAVING SYSTEMS. PAVEMENT JOINTING, PAVERS, STONE, FINISHES AND GRADES HAVE BEEN STRICTLY COORDINATED IN THE CONTRACT DOCUMENTS. CONSTRUCTION OF THESE SYSTEMS SHALL BE STRICTLY COORDINATED.
3. VEHICLES, EQUIPMENT, AND/OR MATERIALS SHALL NOT BE PARKED OR STORED IN AREAS OF EXISTING VEGETATION, INCLUDING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN.
4. CONSTRUCTION WASTE-INCLUDING BUT NOT LIMITED TO: PLANT MATERIAL, BUILDING MATERIALS, DEMOLISHED MATERIALS, PACKAGING, LEFTOVER PAINT AND CONCRETE SLURRY-SHOULD BE PROPERLY REUSED, RECYCLED, DISPOSED OF LEGALLY OFF-SITE OR IN DESIGNATED WASH-OUT AREAS DETERMINED BY THE GENERAL CONTRACTOR.
5. RECYCLING AND TRASH BINS TO BE PROVIDED ON SITE. SEPARATE BINS FOR CARDBOARD, CO-MINGLED, AND OTHER RECYCLABLE/REUSABLE MATERIALS IDENTIFIED BY THE LOCAL JURISDICTION SHALL BE MAINTAINED. ALL BINS TO BE WILDLIFE-PROOF.
6. ON-SITE FUEL STORAGE FOR CONSTRUCTION EQUIPMENT IS DISCOURAGED. CONSTRUCTION EQUIPMENT USED ON SITE TO BE CHECKED REGULARLY TO ASSURE CONTAMINATION CONCERNS FROM OILS AND GREASES ARE ELIMINATED. NO TOXIC MATERIALS SHALL BE STORED ON-SITE.
7. GENERAL CONTRACTOR TO KEEP ALL ITEMS IMPLEMENTED BY LANDSCAPE ARCHITECT IN PROPER WORKING ORDER THROUGHOUT THE DURATION OF THE PROJECT.
8. THE CONSTRUCTION SITE TO BE INSPECTED ON A MONTHLY BASIS BY LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER TO ASSURE THAT THE SILT FENCE AND MUD TRACKING PAD ARE PROPERLY IN PLACE AND FUNCTIONING AS DESIGNED.
9. GREEN BUILDING PRACTICES SHALL BE EMPLOYED TO THE EXTENT FEASIBLE. SUCH PRACTICES INCLUDE: CARPOOLING/VANPOOLING TO JOB SITE, MINIMIZING MATERIALS PACKING BEFORE ARRIVAL TO JOB SITE, REDUCING MATERIAL/RESOURCE INEFFICIENCIES BY COORDINATING WORK.
10. THE PROJECT LIMIT OF CONSTRUCTION AND ALL EXISTING VEGETATION TO REMAIN IS TO BE CLEARLY DEFINED BY STURDY, WEATHERPROOF FENCING AT A MINIMUM OF FOUR (4) FEET HIGH.
11. WATERPROOFING OF SUBGRADE AND OTHER ARCHITECTURAL SPACES BELOW AND/OR ADJACENT TO IMPROVEMENTS DESIGNED BY THE LANDSCAPE ARCHITECT IS TO BE ADEQUATELY DESIGNED AND DETAILED BY OTHERS TO PERMANENTLY REPEL ALL WATER SOURCES INCLUDING, BUT NOT LIMITED TO: PRECIPITATION, STORM WATER RUNOFF, GROUND WATER, IRRIGATION, ROOF RUNOFF, GROUND WATER, AND PLUMBING LEAKS.
12. STRUCTURAL DESIGN TO SUPPORT IMPROVEMENTS DESIGNED BY THE LANDSCAPE ARCHITECT AND LOCATED ABOVE, BELOW, AND/OR ADJACENT TO SUBGRADE AND OTHER ARCHITECTURAL SPACES IS THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. THE STRUCTURAL DESIGN SHOULD BE ADEQUATELY DESIGNED TO SUPPORT ALL POSSIBLE LOADS INCLUDING, BUT NOT LIMITED TO: BACKFILL, COMPACTION, PLANTINGS, HARDSCAPES, RETAINING AND FREESTANDING SITE WALLS, AND CONSTRUCTION MATERIALS/EQUIPMENT/ACTIVITY.

SOIL EROSION CONTROL NOTES

1. PRIOR TO BEGINNING ANY EARTH CHANGE, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL SESC MEASURES AS SHOWN ON THE CONTRACT DOCUMENTS AND AS REQUIRED BY ANY GOVERNING AGENCIES.
2. ALL SESC MEASURES TO BE MAINTAINED DAILY.
3. THE CONTRACTOR TO CONDUCT ALL EXCAVATION, FILLING, GRADING, AND CLEANUP OPERATIONS IN A MANNER SUCH THAT SEDIMENT, GENERATED BY WIND OR WATER IS NOT DISCHARGED INTO ANY STORM SEWER, DRAINAGE DITCH, RIVER, LAKE, AIR, OR UNDERGROUND UTILITY SYSTEM. STAGE WORK TO MINIMIZE THE AREA OF EXPOSED SOIL, THEREBY REDUCING THE OPPORTUNITY FOR SOIL EROSION.
4. WATER FROM TRENCHES AND OTHER EXCAVATION TO BE PUMPED INTO A FILTRATION BAG TO REMOVE SEDIMENTS FROM THE WATER.
5. NORTH AMERICAN GREEN SC-150 OR EQUIVALENT EROSION CONTROL FABRIC IS REQUIRED ON ALL DISTURBED SLOPES GREATER THAN 3:1 UNTIL PROJECT AREA IS REVEGETATED PER THE PLANTING PLAN.
6. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
7. CONTRACTOR TO PROVIDE ONSITE WATERING TO REDUCE FUGITIVE DUST LEAVING THE SITE DURING CONSTRUCTION.
8. SOIL EROSION CONTROL MEASURES TO BE PROVIDED FOR ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS.
9. CONSTRUCTION STAGING AND PHASING SHALL OCCUR, WHERE APPLICABLE, TO MINIMIZE SOIL DISTURBANCE TIME.
10. BEST MANAGEMENT PRACTICES (BMPs) SHALL BE ADJUSTED AS NEEDED TO MEET ANY OTHER UNFORESEEN CONDITIONS.
11. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING A MUD TRACKING PAD/WASHING PAD AT THE CONSTRUCTION ENTRANCES TO MINIMIZE MUD DETACHMENT FROM TRUCK TIRES. 1-1/2 INCH SCREENED ROCK TO BE PLACED ON MIRAFI 140-N FILTER FABRIC. ADDITIONAL CLEAN GRAVEL TO BE ADDED THROUGHOUT THE DURATION OF CONSTRUCTION AS NEEDED.
12. CONTRACTOR SHALL ABIDE BY THE LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES CONSTRUCTION MANAGEMENT PLAN REQUIREMENTS.
13. RESEED AS INDICATED IN SEEDING NOTES.



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ADDRESS & OWNER

NEW RESIDENCE
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MIAMI BEACH, FL. 33139
OWNER: MS KERIN K. PETERSON

REVISION & DATE

DRB SET 08-12-2022

DRAWING TITLE
**GENERAL
SITE NOTES**

SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

L002



A

CONCRETE WITH ROCK SALT FINISH

COLOR: GRAY / SMOOTH ROCK SALT
 LOCATION: DRIVEWAY
 SPECS: LAWN JOINTS
 SOURCE: TBD

"ALL PAVING AND ROOFING MATERIALS TO MEET REGULATIONS FOR SOLAR REFLECTANCE IN ACCORDANCE WITH ARTICLE 3.13.2.B OF MIAMI 21"



B

CRUSHED GRANITE FINES

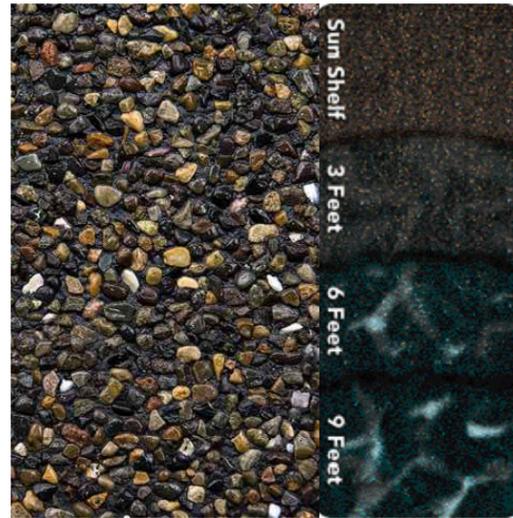
COLOR: "SALT & PEPPER"
 LOCATION: PEDESTRIAN CIRCULATION
 SPECS: 1/2" - 1" Ø
 SOURCE: BERNIE'S ROCK & GARDEN
 www.berniesrockandgarden.com
 786.242.4443



D

PEEBLETEC POOL TILE

COLOR: WHITE PEARL
 LOCATION: WATER FEATURE
 SPECS: 1" X 1" TILES
 SOURCE: POOLTECH INC / PEEBLETEC®
 PHONE : (631) 694.4752
 www.pooltech.net



D

PEEBLETEC WATER FEATURE TILE

MATERIAL: BLACK PEARL
 LOCATION: WATER FEATURE
 SPECS: 1" X 1" TILES
 SOURCE: POOLTECH INC / PEEBLETEC®
 PHONE : (631) 694.4752
 www.pooltech.net



E

IPE HARDWOOD DECKING

COLOR: SMOOTH BROWN
 LOCATION: AS SHOWN ON L210
 SPECS: FIRE RATING CLASS A
 JANKA HARDNESS - 3600 LBS
 SOURCE: BISON INNOVATIVE PRODUCTS
 www.bisonip.com

MATERIALS NOTES

1. CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF ANY DISCREPANCIES, GRAPHICALLY SHOWN MATERIAL QUANTITIES SHALL TAKE PRECEDENCE.
2. ALL CONSTRUCTION AND MATERIALS NOT SPECIFICALLY ADDRESSED IN THE CONTRACT DOCUMENTS OR SPECIFICATIONS SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL JURISDICTIONS AND GOVERNING BODIES/AGENCIES STANDARDS.
3. THE CONTRACTOR SHALL PROVIDE A FULL-SCALE MOCKUP AND RECEIVE APPROVAL FROM THE LANDSCAPE ARCHITECT FOR ALL SYSTEMS BEFORE BEGINNING CONSTRUCTION OF PAVEMENT.
4. EXPANSION JOINTS SHALL BE PROVIDED WHERE FLATWORK MEETS VERTICAL STRUCTURES, SUCH AS WALLS, CURBS, STEPS, AND OTHER HARDSCAPE ELEMENTS. EXPANSION JOINTS SHALL ALSO BE PROVIDED AT MATERIAL CHANGES. EXPANSION JOINT MATERIALS/METHODS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. CONTROL JOINTS SHOULD BE SPACED NO GREATER THAN TEN (10) LINEAR FEET MAXIMUM, UNLESS OTHERWISE SPECIFIED. EXPANSION JOINTS SHOULD BE SPACED NO GREATER THAN FORTY (40) LINEAR FEET MAXIMUM, UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL ADVISE ON OTHER JOINTS AS NEEDED TO MINIMIZE CRACKING. THIS INFORMATION SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
5. CONTROL JOINTS SHALL BE PROVIDED AS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTROL JOINT MATERIALS, METHODS AND RECOMMENDATIONS ON ADDITIONAL CONTROL JOINTS TO MINIMIZE CRACKING SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL.
6. ALL STEPS SHALL HAVE TWELVE (12) INCH TREADS AND SIX (6) INCH RISERS, UNLESS OTHERWISE SPECIFIED.
7. HOLD TOP OF WALLS AND FENCES LEVEL, UNLESS OTHERWISE SPECIFIED.
8. CONTRACTOR SHALL NOT INSTALL WORK LOCATED ON TOP OF ARCHITECTURAL STRUCTURES WITHOUT FIRST REVIEWING ARCHITECTURAL DRAWINGS.
9. SAMPLES OF SPECIFIED MATERIALS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO ORDERING FOR JOB.

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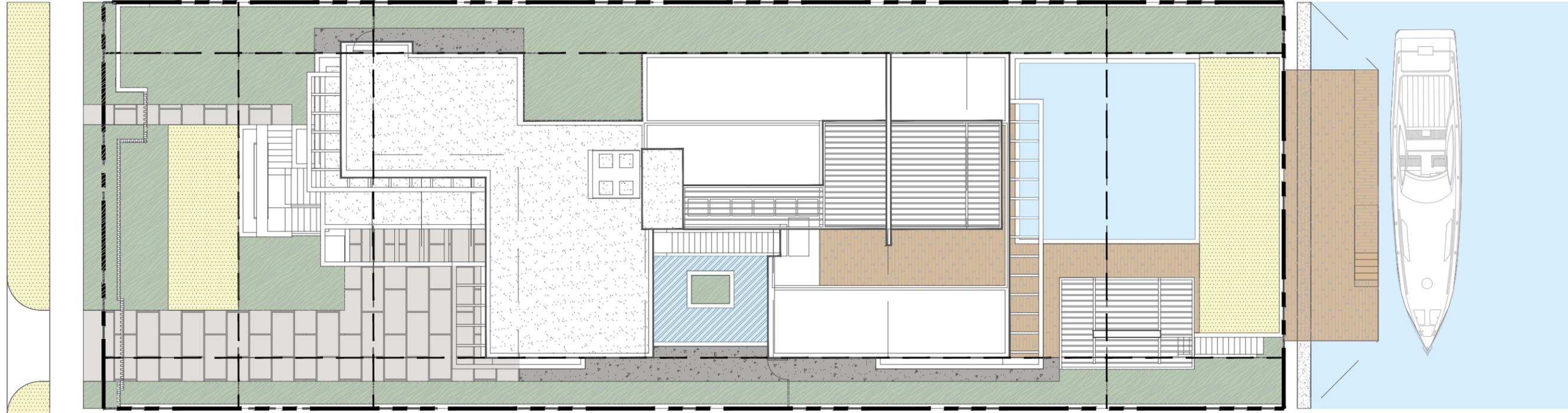
DRAWING TITLE
MATERIALS SCHEDULE

SCALE: AS SHOWN
 DATE: 07-20-2022

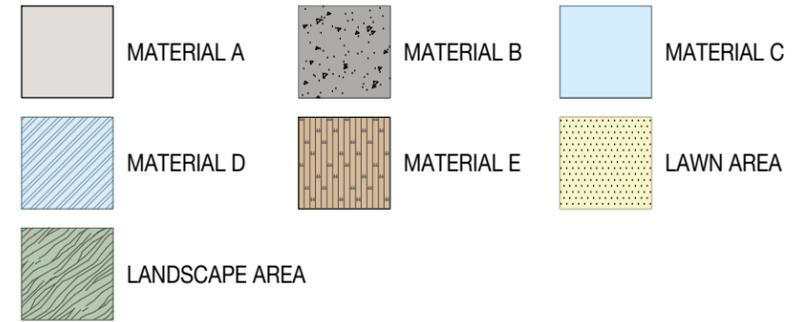
SHEET NUMBER

L200

EAST RIVO ALTO DRIVE



MATERIALS LEGEND



REFER TO L200 FOR MATERIALS SPECS



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DRAWING TITLE
MATERIALS PLAN

SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

L210

TREES & PALMS PLANTING SCHEDULE

ABR	QTTY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
TREES				
CGR	3	CAESALPINA GRANADILLO	BRIDALVEIL	16' HT / 8' SPREAD
CRO	6	CLUSIA ROSEA	AUTOGRAPH TREE	20' x 10'
PALMS				
PDA	7	PHOENIX DACTYLIFERA	DATE PALM	25' CT
NATIVE UNDERSTORY TREES				
PDI	7	PIMENTA DIOICA	ALLPSICE	16' HT / 8' SPREAD
HEDGES				
PMA1	66	PODOCARPUS MACROPHYLLUS	PODOCARPUS	12' TALL
PMA2	26	PODOCARPUS MACROPHYLLUS	PODOCARPUS	6' TALL
SHRUBS & GROUNDCOVERS				
AD	35	ASPARAGUS DENSIFLORUS	FOXTAIL FERN	3 GAL /24" O.C.
CI	643	CHRYSOBALANUS ICACO	COCOPLUM	3 GAL / 12" O.C.
CN	71	CLUSIA NANA	DUARF CLUSIA	3 GAL / 24" O.C.
DI	16	DESMODIUM INCANUM	WILD PEANUT	3 GAL / 24" O.C.
IV	27	IRIS VERSICOLOR	PURPLE IRIS	3 GAL / 24" O.C.
LM	351	LIRIOPE MUSCARI	LILYTURF	1 GAL / 18" O.C.
MD	11	MONSTERA DELICIOSA	SWISS CHEESE PLANT	3 GAL / 48" O.C.
NF	40	NEPHROLEPIS FALCATA	MACHO FERN	3 GAL / 36" O.C.
GRASSES				
ZJ	1073 SF	ZOYSIA JAPONICA	ZOYSIA GRASS	SOD

PLANTING NOTES

- PLANT MATERIAL IS TO BE HEALTHY SPECIMENS FREE FROM DISEASE OR DAMAGE, AND IS TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE JOBSITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO JOBSITE AND WILL REJECT PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.
- THE LANDSCAPE ARCHITECT WILL PERIODICALLY INSPECT PLANT MATERIAL STOCKPILED AND/OR PLANTED ON SITE DURING THE COURSE OF CONSTRUCTION. PLANT MATERIAL NOT MEETING THE STANDARDS CONTAINED WITHIN CONTRACT DOCUMENTS SHALL BE REPLACED AT NO COST TO THE OWNER.
- PROVIDE MATCHING SIZES AND FORMS FOR EACH PLANT OF THE SAME SPECIES UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO VERIFY ALL QUANTITIES. IN CASE OF DISCREPANCIES, GRAPHICALLY SHOWN QUANTITIES SHALL TAKE PRECEDENCE.
- ALL MATERIALS USED SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIAL SHALL BE INSTALLED PLUMB AND PER THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS. ANY NECESSARY STAKING AND/OR OTHER SUPPORTS MATERIALS/METHODS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL PRUNE EXISTING AND/OR NEW TREES ONLY PER LANDSCAPE ARCHITECT DIRECTION.
- THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL TREES AND B&B SHRUBS FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL, PRIOR TO INSTALLATION.
- ALL ROOT-WRAPPING MATERIALS THAT ARE NOT BIO-DEGRADABLE SHALL BE REMOVED FROM THE ROOT BALL. ROOT BALLS SHALL BE FREE OF WEEDS.
- SPECIFIED PLANT MATERIAL SIZES SHALL BE CONSIDERED MINIMUM SIZES.
- FINISH GRADE OF PLANTING BEDS SHALL BE ONE (1) INCH BELOW ADJACENT FLATWORK, UNLESS SPECIFIED OTHERWISE.
- MULCH OR PLANTING BED DRESSING SHALL BE PLACED IN ALL PLANTING AREAS AS SPECIFIED. MULCH OR PLANTING BED DRESSING SHALL NOT BE PLACED WITHIN SIX (6) INCHES OF TREE TRUNKS. MULCHING SHOULD BE REPEATED ANNUALLY DURING THE AUTUMN TO A THREE (3) INCH DEPTH.
- ALL PLANT MATERIAL SHOULD RECEIVE AN ORGANIC FERTILIZER IN LIMITED APPLICATION FOLLOWING INSTALLATION. TYPE AND APPLICATION RATE AND METHOD OF APPLICATION TO BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.
- EXCESS FERTILIZER SHALL BE DISPOSED OF PROPERLY OFF-SITE. IT SHALL NOT BE DISPOSED OF IN STORM DRAINS AND/OR DRYWELLS.
- STOCKPILED PLANT MATERIAL TO BE PLACED IN THE SHADE AND PROPERLY HAND-WATERED UNTIL PLANTED.
- MINI-NUGGET TYPE DECORATIVE BARK MULCH WILL BE USED TO RETURN NUTRIENTS TO THE SOIL, REDUCE MAINTENANCE AND MINIMIZE EVAPORATION FOR AREAS APPROXIMATE TO THE RESIDENCE. LARGER SHREDDED BARK MULCH WILL BE USED FOR STEEP AREAS SO SLOUGHING IS LESS LIKELY TO OCCUR.
- PRESERVE & PROTECT ALL EXISTING VEGETATION INDICATED TO REMAIN AT ALL TIMES.
- ALL VEGETATION PROPOSED FOR OUTSIDE THE BUILDING ENVELOPE TO BE NATIVE UNLESS OTHERWISE NOTED. PLANTING THAT OCCURS OUTSIDE THE BUILDING ENVELOPE IS FOR RESTORATION PURPOSES ONLY OR IS SPECIFIC TO UTILITIES RESTORATION.
- SIX (6) INCH PLANT MIX SHALL BE PROVIDED FOR ALL LAWN, TURF, AND NATIVE PLANTING ZONES. 18 INCH PLANT MIX SHALL BE PROVIDED FOR ALL PERENNIAL PLANTING BEDS UNLESS OTHERWISE NOTED.

PLANTING LEGEND

MUNICIPALITY: <u>City of Miami Beach</u>			
ZONING CLASS: RS-3		LOT AREA: <u>10,500</u>	ACRES: <u>0.2410</u>
ORDINANCE/CODE SECTION: CITY OF MIAMI BEACH SECTION 126			
OPEN SPACE		REQUIRED/ ALLOWED	PROVIDED
A.	Sq. Ft. of required Open Space Lot area: <u>10,500</u> Multiplier: <u>30%</u>	<u>3,150</u>	<u>3,150</u>
B.	Sq. Ft. of parking lot open space Parking Spaces: <u>2</u> Multiplier: <u>10</u> sf/space	<u>20</u>	<u>20</u>
C.	Total Sq. Ft. of landscaped Open Space required	<u>3,170</u>	<u>3,170</u>
LAWN AREA			
A.	Total Sq. Ft. of landscaped Open Space	<u>3,170</u>	<u>3,170</u>
B.	Maximum Lawn Area (sod) permitted- Open space required: <u>3,170</u> Multiplier: <u>20%</u>	<u>634</u>	<u>766</u>
TREES			
A.	Number of trees required per lot, less existing trees Required Trees/Lot: <u>28</u> Net lot acres: <u>0.2410</u> Required Trees: <u>16</u> Existing trees: <u>0</u>	<u>16</u>	<u>16</u>
B.	% Palms allowed Trees provided: <u>16</u> Multiplier: <u>0%</u>	<u>0</u>	<u>0</u>
PER CODE SECTION 126-6.C.10 PALMS DO NOT COUNT TOWARD MIN. TREE REQUIREMENTS			
C.	% Native required Trees provided: <u>16</u> Multiplier: <u>30%</u>	<u>5</u>	<u>5</u>
D.	% Drought tolerant and low maintenance species required Trees provided: <u>16</u> Multiplier: <u>50%</u>	<u>8</u>	<u>8</u>
STREET TREES			
NO WORK IN THE ROW INCLUDED IN THIS SCOPE			
A.	Street trees (maximum average spacing of 20' o.c.) Linear ft of street frontage: <u>60</u> Multiplier: <u>20</u> Existing trees: <u>0</u>	<u>3</u>	<u>3</u>
B.	Street trees directly below power lines Linear ft of street frontage: <u>60</u> Multiplier: <u>20</u>	<u>0</u>	<u>0</u>
SHRUBS			
A.	Number of shrubs required Lot and street trees required: <u>18</u> Multiplier: <u>12</u>	<u>252</u>	<u>252</u>
B.	% Native species required Shrubs provided: <u>252</u> Multiplier: <u>50%</u>	<u>126</u>	<u>126</u>
LARGE SHRUBS OR SMALL TREES			
A.	Number of shrubs or small tree required Shrubs required: <u>252</u> Multiplier: <u>10%</u>	<u>25</u>	<u>25</u>
B.	% Native species required Shrubs provided: <u>65</u> Multiplier: <u>50%</u>	<u>33</u>	<u>33</u>

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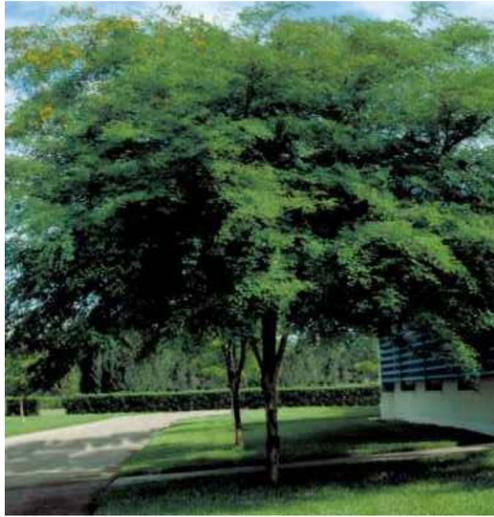
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DRAWING TITLE
**PLANTING
SCHEDULE & NOTES**

SCALE: AS SHOWN
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L400



CGR



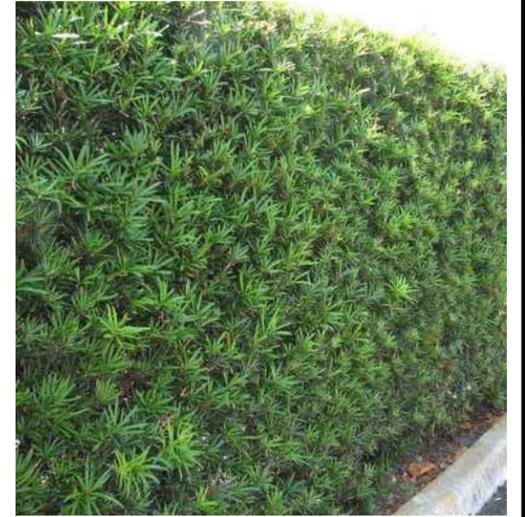
CRO



PDA



PDI



PMA



AD



CI



CN



DI



IV



LM



MD



NF



ZJ

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ADDRESS & OWNER

NEW RESIDENCE
333 E. RIVO ALTO DRIVE
MIAMI BEACH, FL. 33139
OWNER: MS KERIN K. PETERSON

REVISION & DATE

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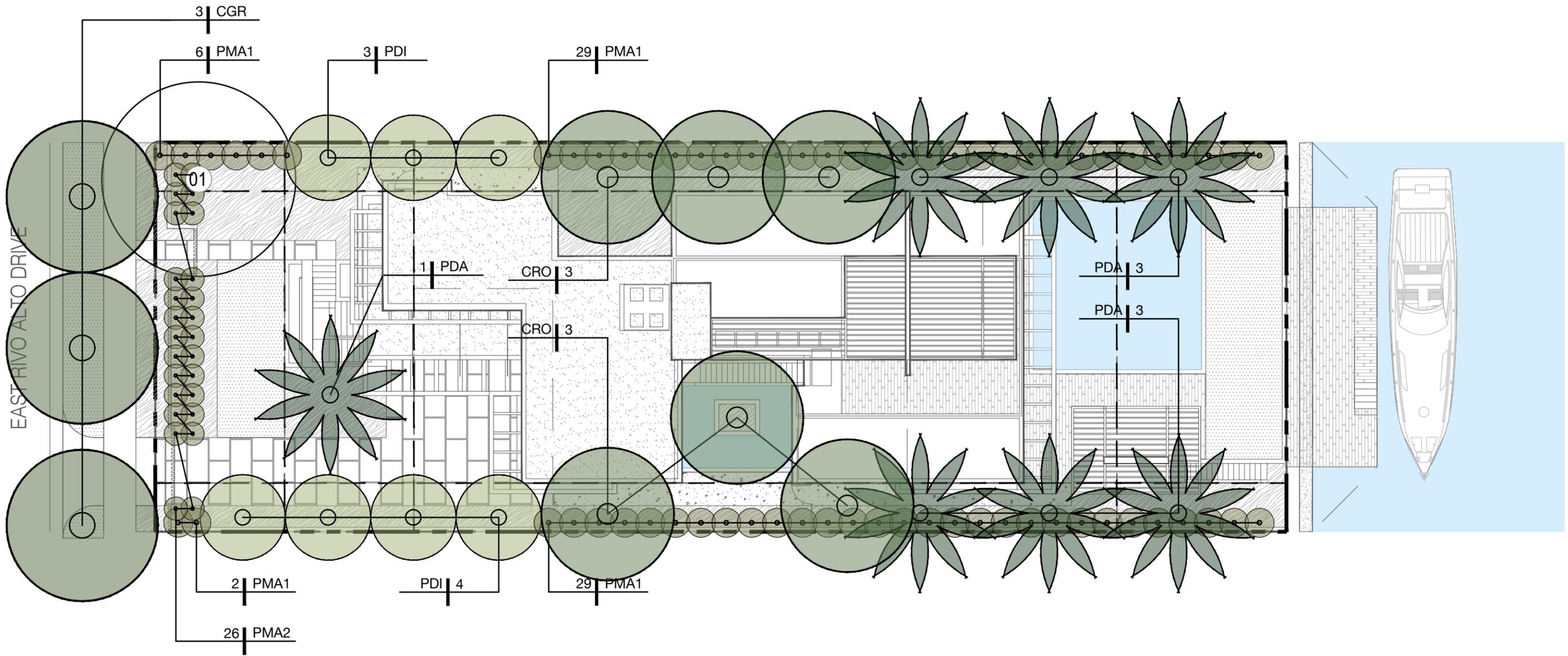
DRAWING TITLE
PLANTING PALETTE

SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

L401

PLANTING LEGEND



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DRAWING TITLE
TREES & PALMS
PLANTING PLAN

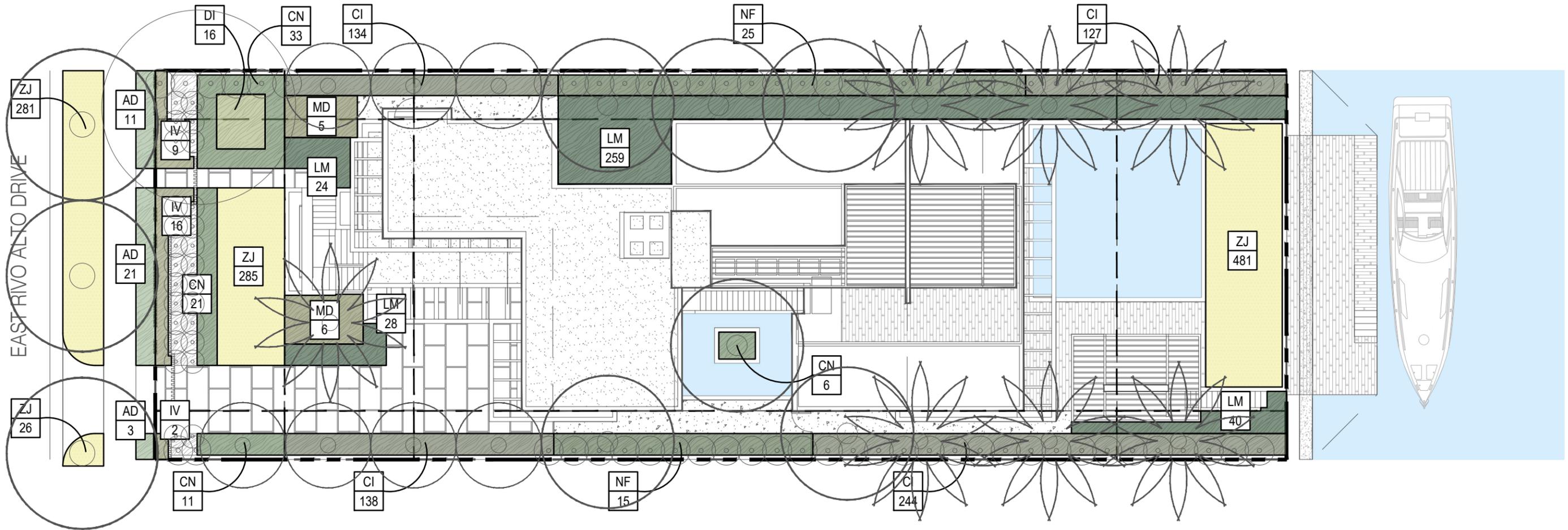
SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

L410

PLANTING LEGEND

TYP #	PROPOSED SHRUB OR GROUNDCOVER		PROPOSED LAWN AREA
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DRAWING TITLE
**UNDERSTORY
PLANTING PLAN**

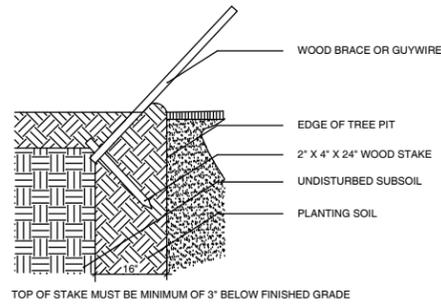
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L420



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1 STAKING DETAIL
SCALE: NOT TO SCALE

PREPARATION:
STORE ALL MATERIAL IN DRY, CLEAN AREA, COVER TO PROTECT FROM RAIN AND MINIMIZE DUST. COORDINATE RUN-OFF CONTROL WITH GENERAL CONTRACTOR.
TEST EXISTING SOIL TO ENSURE IT IS FREE OF EXCESSIVE CLAY OR SALT AND ANY CHEMICALS/PETROCHEMICALS WHICH MAY HARM PLANT HEALTH.

EXISTING MATERIAL:
IF INCORPORATING EXISTING SITE SOIL, REMOVE ALL ROOTS, AND ROCK LARGER THAN 2" IN SIZE. REMOVE ALL PLASTIC, METAL AND MANMADE DETRITUS.

MIX:
50% EXISTING SOIL
10% COGO PEAT
10% COMPOST
20% CLEAN SAND
10% PERLITE

BLEND QUANTITIES NEEDED BY HAND OR MACHINE.

INSTALLATION:
REFER TO APPROPRIATE DETAILS FOR AMENDMENTS, COMPACTION DEPTHS ETC.

GENERAL: REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION

4 PLANTING SOIL- TYPICAL

MULCH A:
PINE STRAW, FOR USE IN GENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%

MULCH B:
MINI PINE BARK NUGGETS, FOR USE IN SPECIALTY AREAS

MULCH C:
MELALEUCA MULCH, FOR USE IN GENERAL PLANTING AREAS AND ON SLOPES GREATER THAN 10%

BLEND QUANTITIES NEEDED BY HAND OR MACHINE.

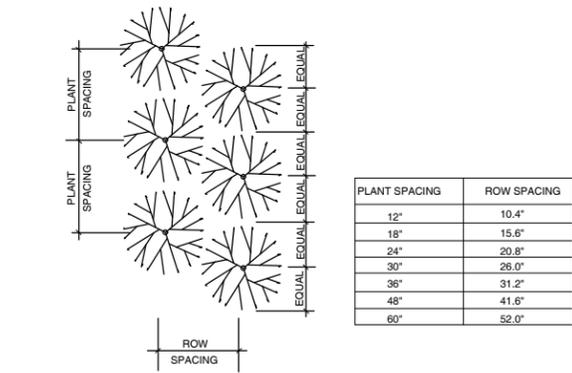
INSTALLATION:
REFER TO APPROPRIATE DETAILS FOR EXTENTS AND DEPTHS.

GENERAL: REFER TO LANDSCAPE NOTES FOR ADDITIONAL INFORMATION, CONFIRM TYPE TO BE USED WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

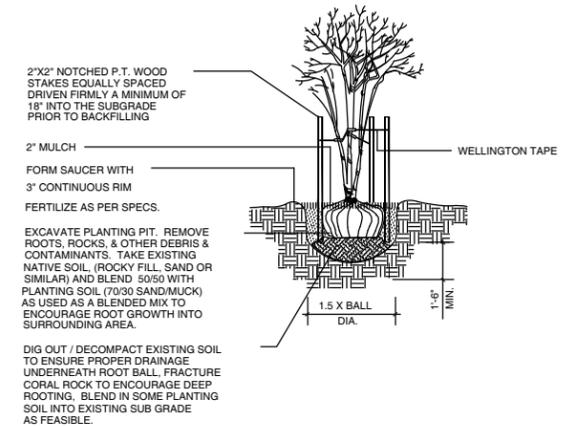
5 MULCH- TYPICAL

MIX:
5050- MUCK AND FINE SAND
SUPPLIER: ATLAS PEAT AND SOIL 561.734.7300

6 PLANTING SOIL- LAWN TOP DRESSING

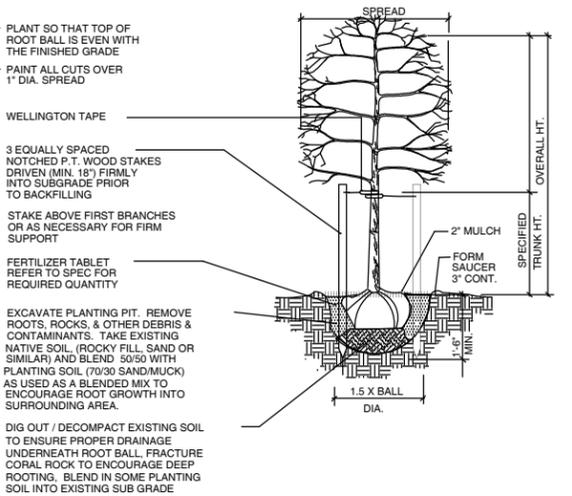


2 PLANT SPACING
SCALE: NOT TO SCALE

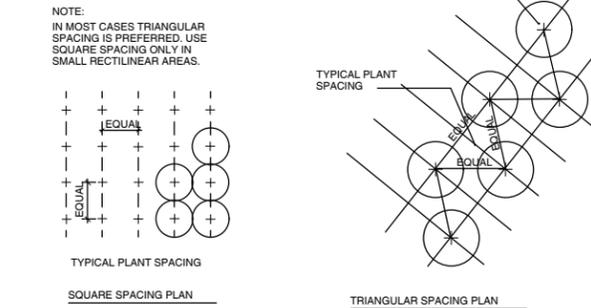


7 MULTI TRUNK TREE- PLANTNG & STAKING
SCALE: NOT TO SCALE

CALIPER	TIES	STRANDS	STAKES
1" - 1 1/2"	2	1 # 12	2 - 2 X 2
1 1/2" - 2"	3	1 # 12	3 - 2 X 2
2" - 3"	3	2 # 12	2 - 2 X 2

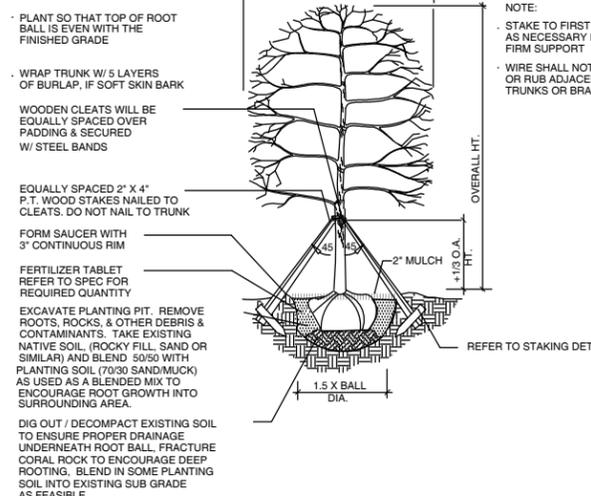


10 CANOPY AND PALM TREE- PLANTING & VERTICAL STAKING
SCALE: NOT TO SCALE

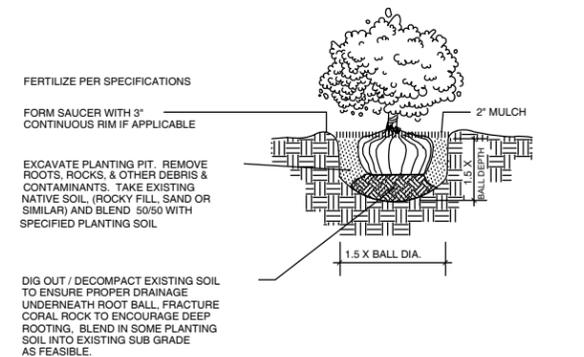


8 SHRUB- HEDGE AND MASS PLANTING
SCALE: NOT TO SCALE

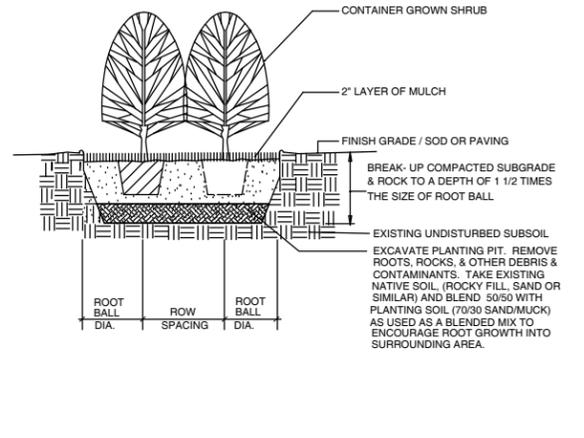
CALIPER	CLEATS	STRAPS	BRACES	NAILS
3" - 8"	2 x 4 x 8"	1 # 12	3 - 2 X 4	2 - 16d
8" - 10"	2 x 4 x 12"	1 # 12	3 - 2 X 4	3 - 16d
10" - 16"	2 x 4 x 12"	2 # 12	4 - 2 X 4	3 - 16d



11 CANOPY TREE- PLANTING & TRIPLE BRACE STAKING
SCALE: NOT TO SCALE

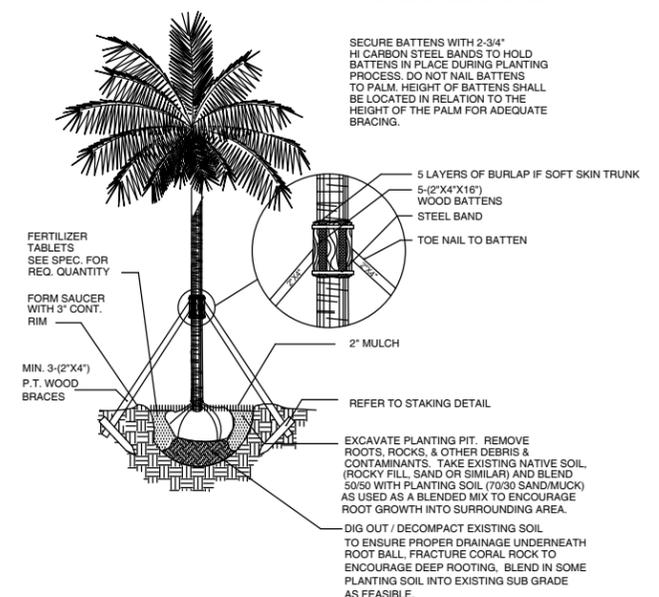


3 SHRUB PLANTING
SCALE: NOT TO SCALE



9 SHRUB- HEDGE AND MASS PLANTING
SCALE: NOT TO SCALE

NOTE:
GUYING WIRES OR RUBBER TUBING CAN BE SUBSTITUTED FOR WELLINGTON TAPE FOR BRACING TREES WITH PRIOR APPROVAL BY LANDSCAPE ARCHITECT



12 PALM- PLANTING & STAKING
SCALE: NOT TO SCALE



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DRAWING TITLE
LIGHTING PLAN

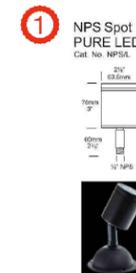
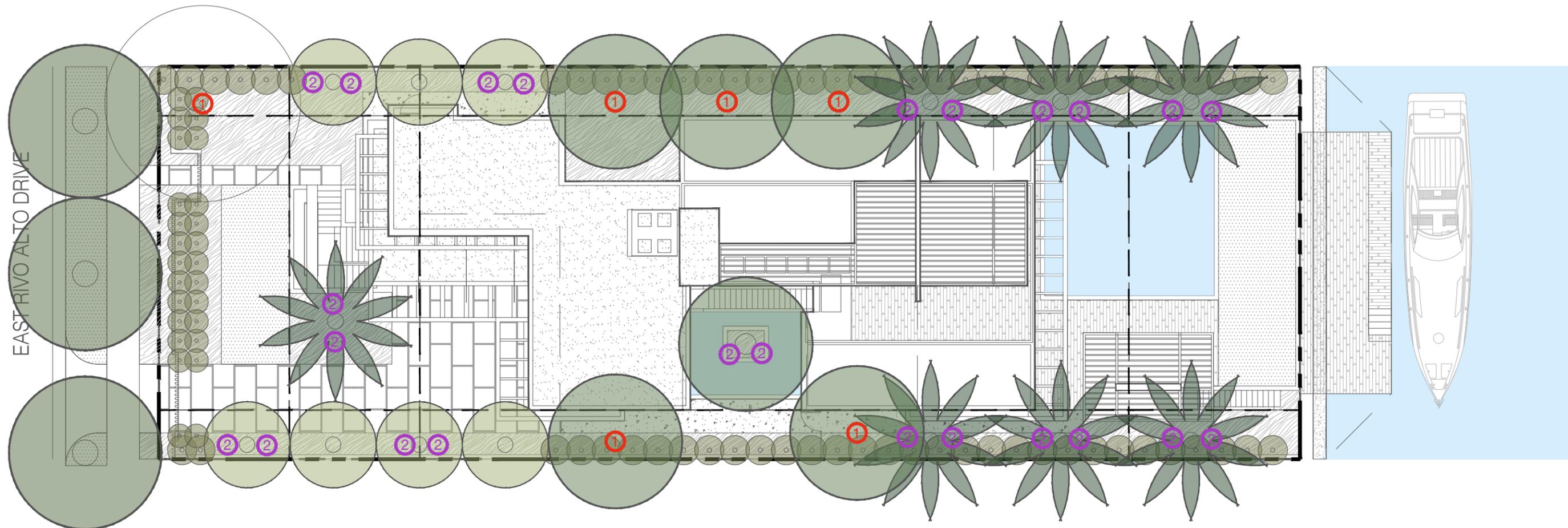
SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

L800

LIGHTING LEGEND

	TYPE	MANUFACTURER	SPEC
①	DOWNLIGHT	HUNZA	NPS/L
②	UPLIGHT	HUNZA	PS/L



① NPS Spot
PURE LED
Cat. No. NPS/L



② Pole Spot
PURE LED
Cat. No. PSL

Ordering Information

Luminaire	Driver mA	Color Temp	Accessories	Material/Finish
NPS/L	S - Series Wiring D7 - 700mA D10 - 1000mA	15 - 15° TIR Lens 25 - 25° TIR Lens 38 - 38° Reflector 60 - 60° Reflector	CG - Clear Quartz HCL - Hex Cell Louvre Adaptor LENS/TEFL - Prismatic Lens SSPC - Hunza™ Super Splice SSPT - Hunza™ Tree Mount	BL - Black GR - Grey SM - Clear WH - White WH - White WB - White DG - Dark Grey CG - Olive Green RG - Ridge COP - Copper SS - 316 Stainless

Ordering Information

Luminaire	Driver mA	Color Temp	Accessories	Material/Finish
PSL	S - Series D7 - 700mA D10 - 1000mA	15 - 15° TIR Lens 25 - 25° TIR Lens 38 - 38° Reflector 60 - 60° Reflector	CG - Clear Quartz HCL - Hex Cell Louvre Adaptor LENS/TEFL - Prismatic Lens SSPC - Hunza™ Super Splice SSPT - Hunza™ Tree Mount	BL - Black GR - Grey SM - Clear WH - White WH - White WB - White DG - Dark Grey CG - Olive Green RG - Ridge COP - Copper SS - 316 Stainless



SCOPE OF WORK

THE FOLLOWING DRAWINGS ILLUSTRATE THE PROPOSED SCOPE OF WORK FOR **333 E. RIVO ALTO DRIVE, MIAMI, F 33139**, TO BE PERMITTED BY **CITY OF MIAMI BEACH**

- NEW LANDSCAPE DESIGN

DRAWING REVISION REGISTER

REV#	SHEET #	REVISION DESCRIPTION
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08/12/2022 DRB SUBMIT

SHEET INDEX

LANDSCAPE DRAWINGS		DRAWING NOTES		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LCVR COVER PAGE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L002 GENERAL SITE NOTES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TD100 TREE DISPOSITION SCHEDULE & NOTES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TD110 TREE DISPOSITION PLAN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L200 MATERIALS SCHEDULE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L210 MATERIALS PLAN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L400 TREES & PALMS PLANTING SCHEDULE & NOTES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L401 PLANTING PALETTE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L410 TREES & PALMS PLANTING PLAN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L450 PLANTING DETAILS	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L800 LIGHTING PLAN	

LOCATION MAP



NORTH

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DRAWING TITLE
COVER PAGE

SCALE: AS SHOWN
DATE: 07-20-2022

SHEET NUMBER

LCVR

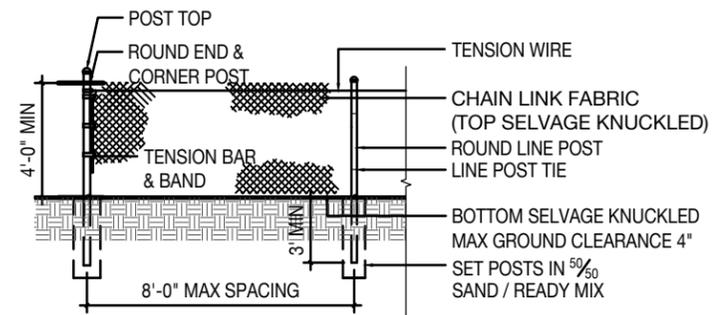
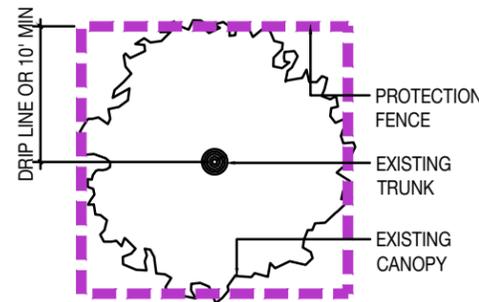
TREE No.	TREE - LATIN NAME	TREE - COMMON NAME	DIAMETER at BREAST HEIGHT (in inches, unless otherwise noted)	APPROXIMATE HEIGHT (in feet)	CANOPY DIAMETER (in feet)	CRITICAL ROOTZONE RADIUS (in feet)	CONDITION	DISPOSITION	REMOVAL-MUNICIPAL CRITERIA		
									PALM	CANOPY	
1	SWETENIA MAHOGANI	MAHOGANY TREE	33"	28'	40'			REMAIN	1:1	DBH	
2		PALM	19"	30'	25'			REMOVE	1		
3		PALM	11"	28'	12'			REMOVE	1		
4		PALM	9"	20'	8'			REMOVE	1		
5	MAGNIFERA INDICA	MANGO TREE	24"	30'	25'			REMOVE		24	
6		PALM	24"	30'	16'			REMOVE	1		
7		PALM	24"	30'	14'			REMOVE	1		
8		PALM	30"	20'	10'			REMOVE	1		
9	COCOS NUCIFERA	COCONUT PALM	12"	30'	18'			REMOVE	1		
10	COCOS NUCIFERA	COCONUT PALM	11"	30'	16'			REMOVE	1		
11		PALMS CLUSTER	6"	25'	10'			REMOVE	1		
12		PALMS CLUSTER	6"	20'	10'			REMOVE	1		
13		PALMS CLUSTER	6"	20'	10'			REMOVE	1		
14	MUSA ACUMINATA	BANANA	11"	12'	18'			REMOVE		11	
15	LIVISTONA CHINENSIS	CHINESE FAN PALM	66"	10'	12'			REMOVE	1		
16	LIVISTONA CHINENSIS	CHINESE FAN PALM	24"	10'	4'			REMOVE	1		
17	LIVISTONA CHINENSIS	CHINESE FAN PALM	36"	15'	7'			REMOVE	1		
18	COCOS NUCIFERA	COCONUT PALM	11"	25'	18'			REMOVE	1		
19	COCOS NUCIFERA	COCONUT PALM	11"	25'	20'			REMOVE	1		
20	COCOS NUCIFERA	COCONUT PALM	11"	25'	18'			REMOVE	1		
21	COCOS NUCIFERA	COCONUT PALM	11"	25'	18'			REMOVE	1		
22		PALM	6"	25'	12'			REMOVE	1		
23	SCHEFFLERA ACTINOPHYLLA	OCTOPUS TREE	12"	20'	18'			REMOVE		12	
24	SCHEFFLERA ACTINOPHYLLA	OCTOPUS TREE	36"	30'	18'			REMOVE		36	
25	COCOS NUCIFERA	COCONUT PALM	18"	25'	20'			REMOVE	1		
26	MAGNIFERA INDICA	MANGO TREE	11"	15'	12'			REMOVE		11	
27		PALM	18"	35'	20'			REMOVE	1		
28		PALM	7"	15'	8'			REMOVE	1		
29											
FROM PROPOSED PLANTING											
TOTAL UNITS TO BE REMOVED:									22	94	inches
TOTAL ESTIMATED REQUIRED ON SITE MITIGATION PER CODE (2"DBH/12HT):									14		trees
PROPOSED ON SITE MITIGATION BREAKDOWN											
CANOPY TREE I- 2"DBH/12'HT MIN:											TREE CREDIT
CANOPY TREE II- 4"DBH/16'HT MIN:									4		one CT II is equal to two CT I
NATIVE - 1.5"DBH/10'HT MIN:									10		up to 30% of required CT I
PALMS- 3"DBH/14'HT MIN:											up to 30% of required CT I at 2 palm/tree
TOTAL PROPOSED REPLACEMENT TREES (REFER TO PLANTING PLANS):									14		OMBINATION FULFILLS SITE MITIGATION OF
											18

TREES & PLANTING TO BE REMOVED NOTES

1. THE CONTRACTOR IS TO COMPLETELY REMOVE ALL PLANTER MATERIAL DESIGNATED FOR REMOVAL (I.E. ROOT BALL, DEBRIS, SAW DUST, ETC.).
2. THE CONTRACTOR IS TO BACKFILL ALL EXCAVATED ROOT BALLS FLUSH TO THE ADJACENT ELEVATION LEVEL.
3. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT TWO WEEKS IN ADVANCE OF ALL SCHEDULED WORK PERTAINING TO THE RELOCATION OF SITE TREES.

TREES & PLANTING TO BE PRESERVED NOTES

1. EXISTING TREES TO BE PRESERVED SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS THEY BEAR TO PRE-CONSTRUCTION GRADE.
2. EXISTING TREES TO BE PRESERVED SHALL BE PROTECTED WITH STURDY, WEATHERPROOF FENCING AT A MINIMUM FOUR (4) FEET HEIGHT INSTALLED NO CLOSER TO THE TREE TRUNK THAN ITS DRIPLINE. THIS FENCE SHALL BE MAINTAINED IN WORKING ORDER DURING ALL PHASES OF CONSTRUCTION. MAINTAIN TREE PROTECTION ZONES FREE OF WEEDS AND TRASH.
3. NO WORK SHALL BE CONDUCTED WITHIN THE DRIPLINE, UNLESS REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT. ALL WORK APPROVED WITHIN THE DRIPLINE SHALL BE COMPLETED BY HAND. PROTECT ROOT SYSTEMS FROM PONDING, ERODING, OR EXCESSIVE WETTING.
4. THE PROJECT LIMIT OF CONSTRUCTION AND ALL EXISTING VEGETATION TO REMAIN IS TO BE CLEARLY DEFINED BY STURDY, WEATHERPROOF FENCING AT A MINIMUM OF FOUR (4) FEET HIGH.



NOTES:

- PROTECTION FENCE SHALL BE GALVANIZED CHAIN LINK STANDARD 2" x 2" MESH
- PROVIDE HINGED GATE
- ALTERNATE: 2" x 4" WOOD POSTS (6'-0" O.C. MAX) WITH THREE EVENLY SPACED WOODEN RAILS. MIN. HT 4'
- POSTS MAY BE SHIFTED TO AVOID ROOTS
- NO STORAGE, DEBRIS, VEHICULAR TRAFFIC OR EQUIPMENT CLEANING IS ALLOWED WITHIN THE PROTECTED AREA.
- REFER TO MUNICIPAL REQUIREMENTS FOR ADDITIONAL INFORMATION

