



2400 E. Commercial Boulevard, Suite 201 Fort Lauderdale, FL 33308

SGM Engineering 5805 Blue Lagoon Drive, Suite 285

STRUCTURAL ENGINEER: Master Consulting Engineers 4101 Ravenswood Road, Suite 320 Fort Lauderdale, Florida 33312

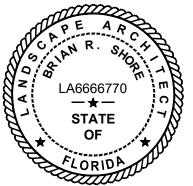
SUSTAINABILITY CONSULTANT: West Palm Beach, Florida 33401

GEOTECHNICAL:
Pacifica Engineering Services
601 N. Congress Avenue, Suite 303
Delray Beach, Florida 33445
(561) 419-8460



OAK TRAILS PARK **IMPROVEMENTS**

4230 NW. 74th Street Coconut Creek, FL 33073



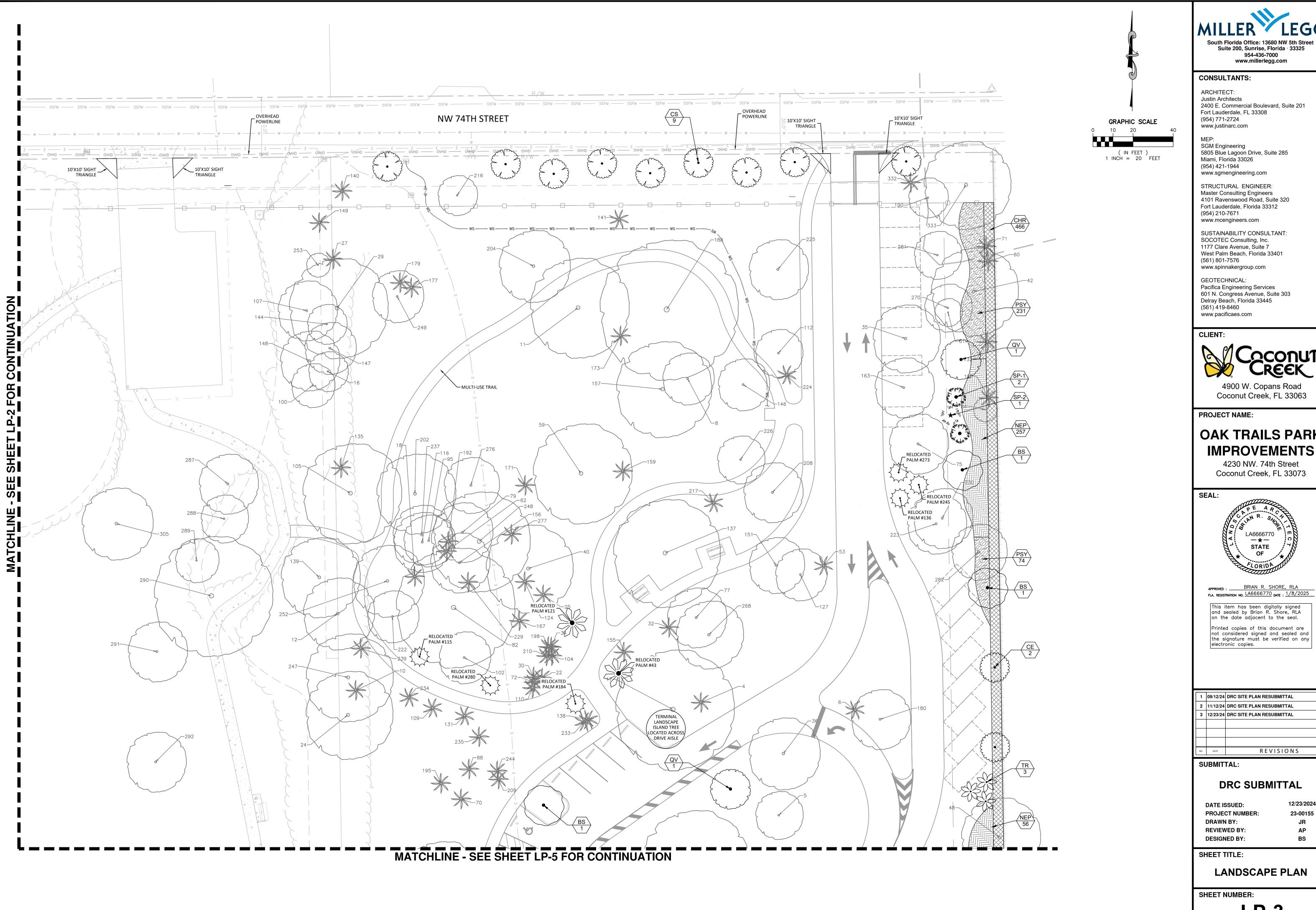
FLA. REGISTRATION NO. <u>LA6666770</u> DATE : <u>1/8/2025</u>

This item has been digitally signed and sealed by Brian R. Shore, RLA on the date adjacent to the seal.

2 11/12/24 DRC SITE PLAN RESUBMITTAL 3 12/23/24 DRC SITE PLAN RESUBMITTAL REVISIONS

12/23/2024 23-00155

LANDSCAPE PLAN





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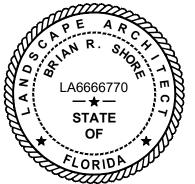
Pacifica Engineering Services 601 N. Congress Avenue, Suite 303 Delray Beach, Florida 33445



Coconut Creek, FL 33063

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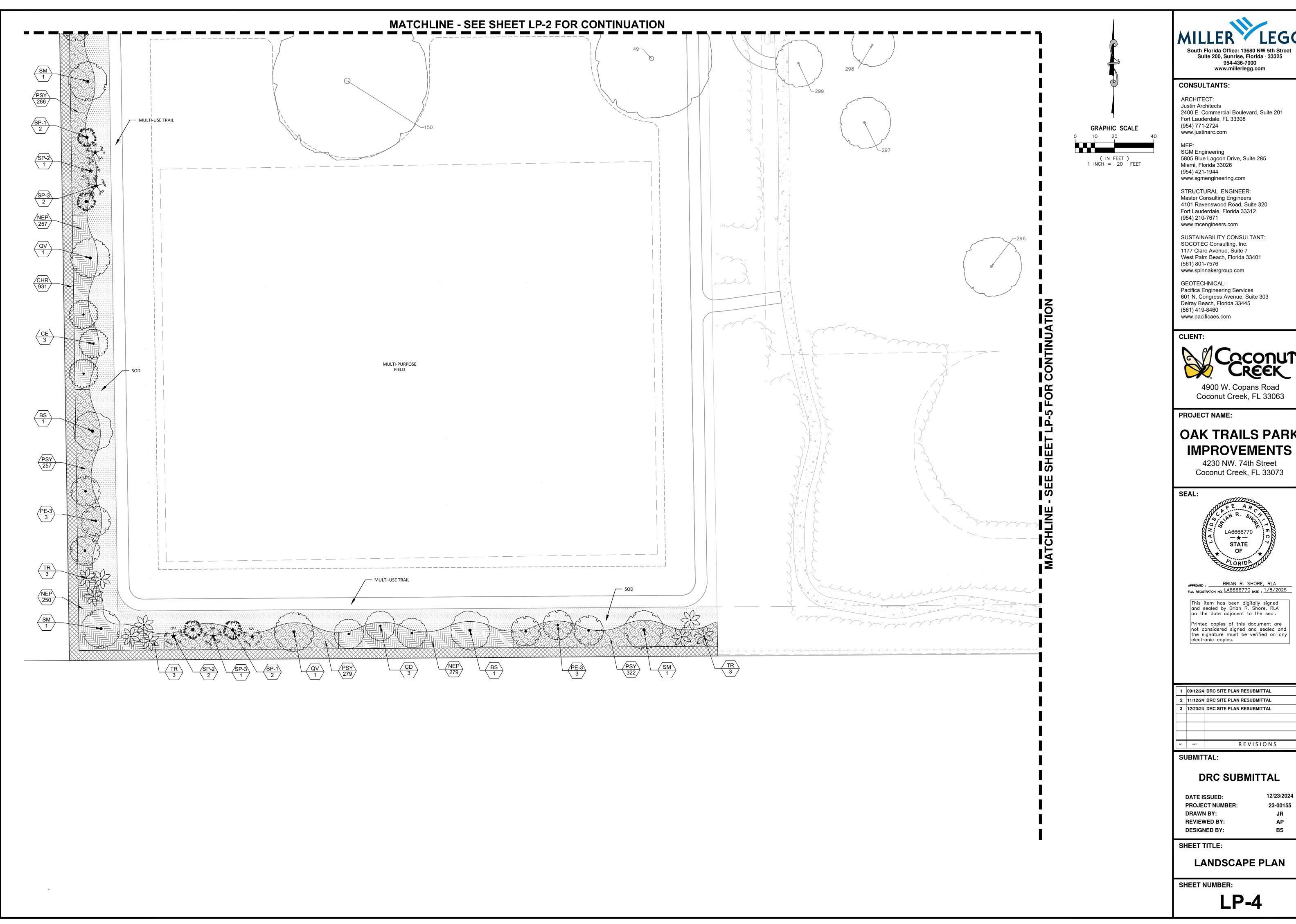
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REVISIONS

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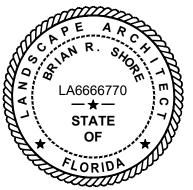
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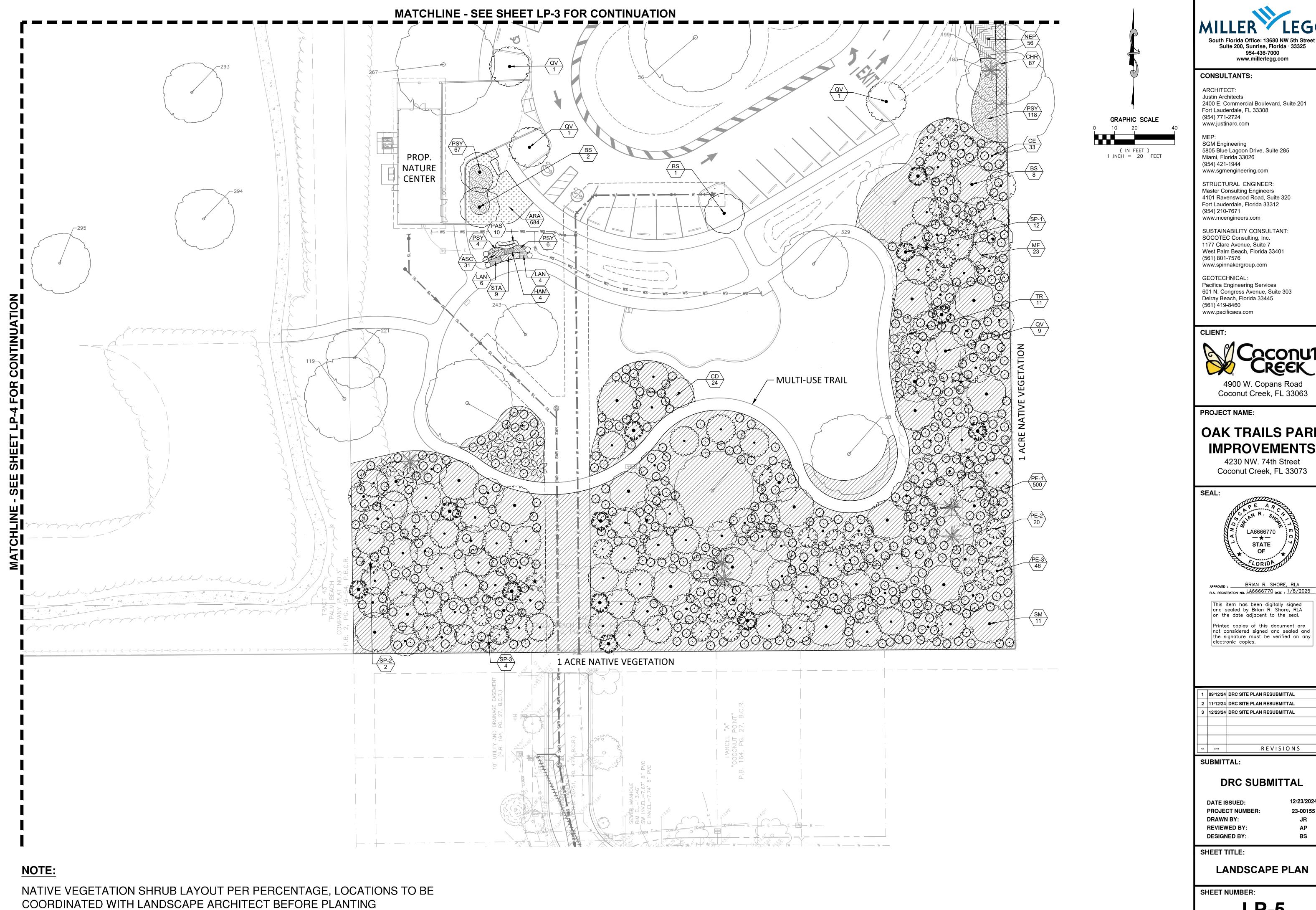


South Florida Office: 13680 NW 5th Street Suite 200, Sunrise, Florida · 33325



OAK TRAILS PARK **IMPROVEMENTS**





South Florida Office: 13680 NW 5th Street Suite 200, Sunrise, Florida · 33325 954-436-7000 www.millerlegg.com

2400 E. Commercial Boulevard, Suite 201 Fort Lauderdale, FL 33308

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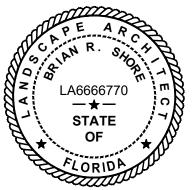
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Coconut Creek, FL 33063

OAK TRAILS PARK **IMPROVEMENTS**

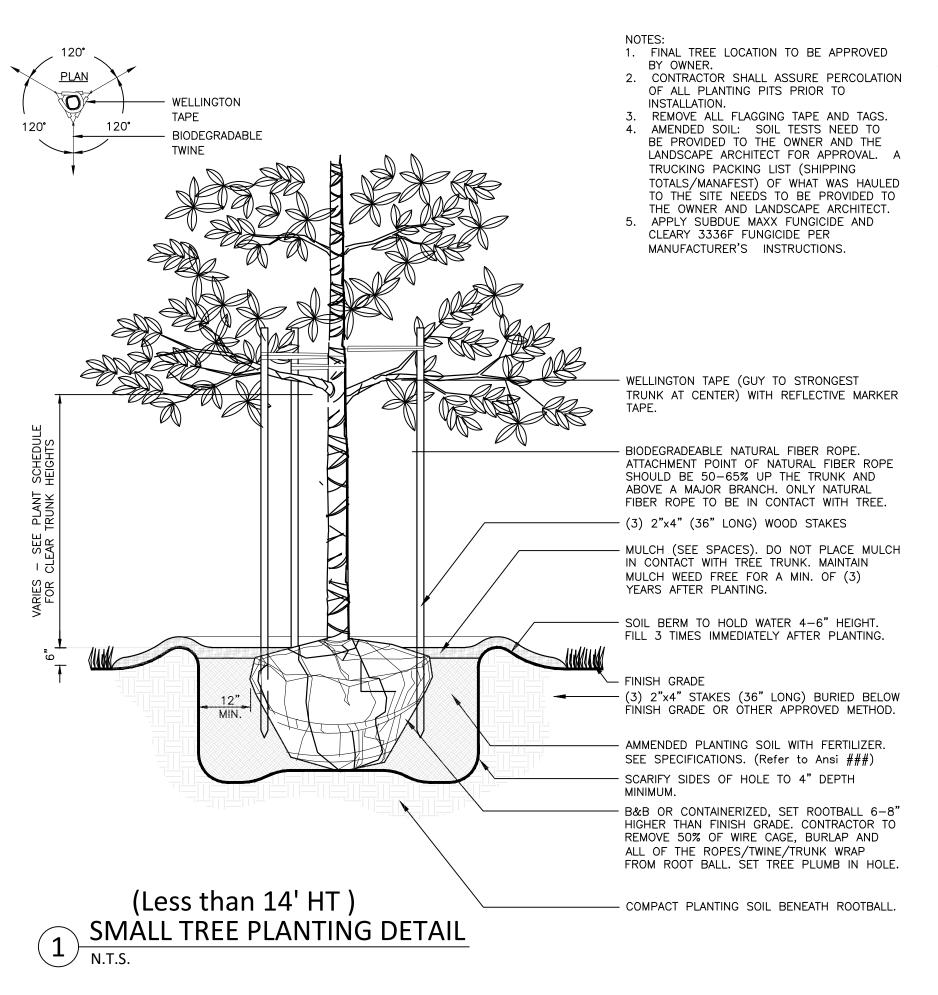
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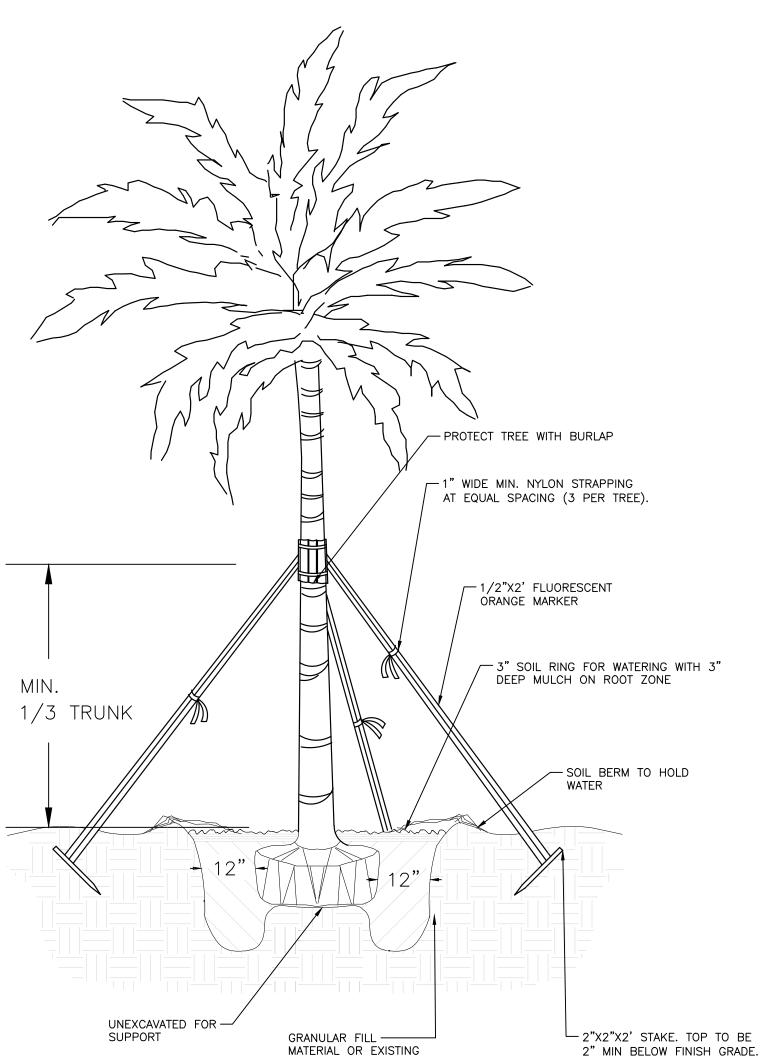


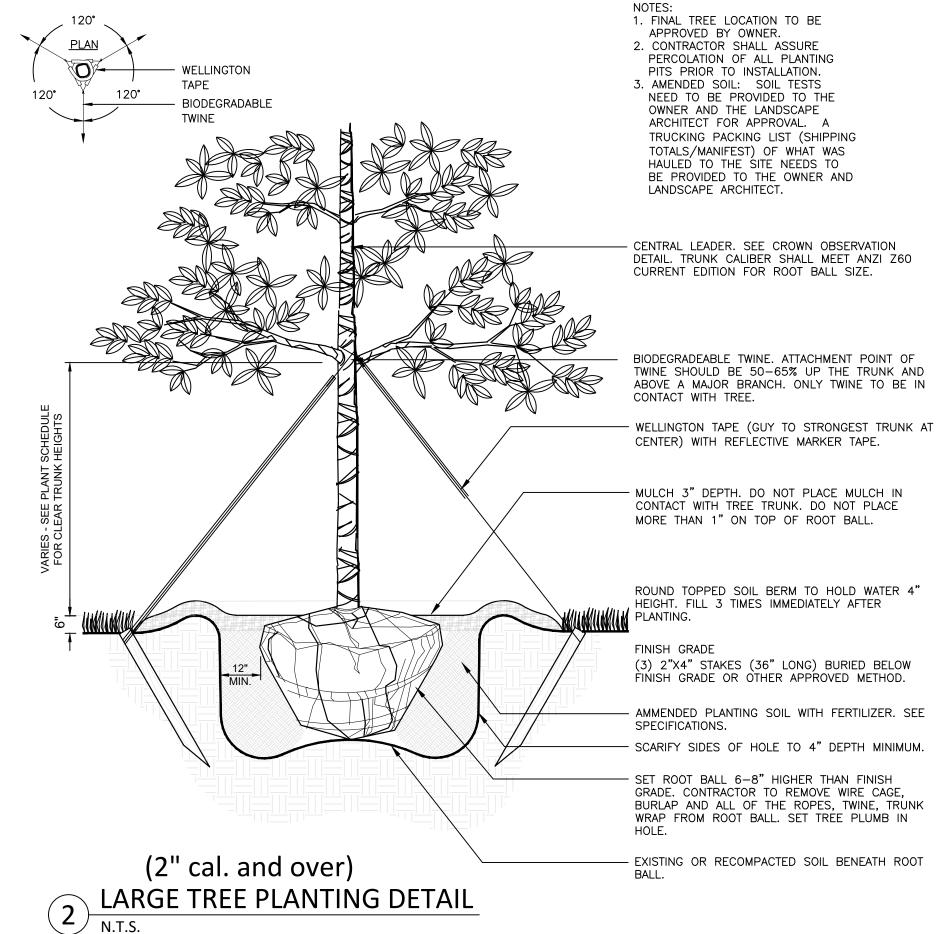
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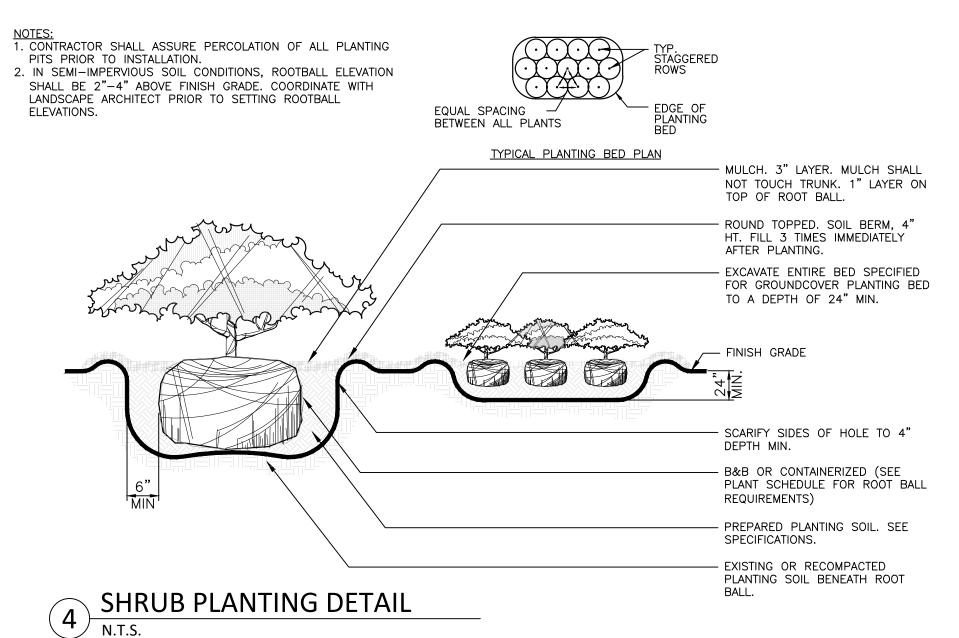
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LANDSCAPE PLAN









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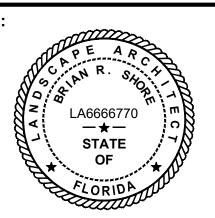
4900 W. Copans Road Coconut Creek, FL 33063

PROJECT NAME:

OAK TRAILS PARK IMPROVEMENTS

4230 NW. 74th Street Coconut Creek, FL 33073

SEAL:



APPROVED: BRIAN R. SHORE, RLA
FLA. REGISTRATION NO. LA6666770 DATE: 1/8/2025

This item has been digitally signed and sealed by Brian R. Shore, RLA on the date adjacent to the seal.

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1 09/12/24 DRC SITE PLAN RESUBMITTAL
2 11/12/24 DRC SITE PLAN RESUBMITTAL
3 12/23/24 DRC SITE PLAN RESUBMITTAL

NO. DATE REVISIONS

SUBMITTAL:

DRC SUBMITTAL

DATE ISSUED: 12/23/2024
PROJECT NUMBER: 23-00155
DRAWN BY: JR
REVIEWED BY: AP
DESIGNED BY: BS

SHEET TITLE:

LANDSCAPE DETAILS

SHEET NUMBER:

LP-6

3 PALM PLANTING DETAIL N.T.S.

- 1. PLANT MATERIAL: <u>ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER</u> AS ESTABLISHED BY "GRADES AND STANDARDS FOR NURSERY PLANTS" OF THE STATE OF FLORIDA. DEPARTMENT OF AGRICULTURE.
- 2. ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE OF THE SIZES AS SPECIFIED IN 2. THE PLANT LIST.
- 3. QUANTITIES LISTED ON THE THE PLANT LIST ARE FOR ESTIMATING PURPOSES.
- CONTRACTOR SHALL VERIFY ALL QUANTITIES. MULCH, TOPSOIL, FERTILIZER, ETC. SHALL BE INCLUDED IN THE UNIT COST OF THE PLANTS.
- 4. WHERE THERE IS A DISCREPANCY EITHER IN QUANTITIES, PLANT NAMES, SIZES OR SPECIFICATIONS BETWEEN THE PLAN OR PLANT LIST, THE PLAN TAKES PRECEDENCE.
- 5. ALL PLANTING BEDS AND WATER BASINS FOR TREES SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF SHREDDED EUCALYPTUS OR FLORIMULCH GRADE 'B' OR BETTER.
- 6. THE PLANTING PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL EXISTING CODES AND APPLICABLE DEED RESTRICTIONS.
- 7. SOD: ALL AREAS NOT USED FOR BUILDINGS, VEHICULAR USE AREAS, WALKS OR PLANTING BEDS SHALL BE GRASSED. GRASSING SHALL EXTEND TO ANY ABUTTING STREET PAVEMENT EDGE AND TO THE MEAN WATERLINE OF ANY ABUTTING CANAL,
- 8. PLANTING SOIL: ALL TREES AND SHRUBS SHALL BE PLANTED WITH A MINIMUM OF 12" TOPSOIL AROUND AND BENEATH THE ROOTBALL. MINIMUM TOPSOIL SHALL BE 6" FOR GROUNDCOVER AREAS AND 2" FOR SODDED GRASS AREAS.
- 9. PLANTING SOIL TO BE A WEED-FREE MIXTURE OF 50% SAND, 40% MUCK, AND 10% CANADIAN PEAT. ALL PLANT MATERIAL TO RECEIVE PLANTING SOIL AS PER DETAILS.
- 10. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL UTILITY LOCATIONS AND INSTALLING FACILITIES SO AS TO NOT CONFLICT. ALL DAMAGE TO EXISTING UTILITIES OR IMPROVEMENTS CAUSED BY CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL
- 11. CONTRACTOR TO NOTIFY "SUNSHINE STATE ONE CALL OF FLORIDA, INC." AT 1-800-432-4770 TWO FULL BUSINESS DAYS PRIOR TO DIGGING FOR UNDERGROUND UTILITY LOCATIONS.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FINAL GRADING OF ALL ASSOCIATED PLANTING AREAS.
- 13. AFTER FINAL GRADE, AREA TO BE RAKED TO 6" DEPTH AND ALL ROCK AND FOREIGN INORGANIC MATERIALS REMOVED AND DISPOSED OF PROPERLY OFF-SITE.
- 14. ALL PLANTING HOLES TO BE HAND DUG EXCEPT WHERE MACHINE DUG HOLES WILL NOT ADVERSELY AFFECT OR DAMAGE UTILITIES OR IMPROVEMENTS (SEE NOTE 8).
- 15. NO PLUNGING OF ANY TREE OR PALM WILL BE ACCEPTED. ALL PLANTS TO BE PLANTED AT THE NURSERY GRADE OR SLIGHTLY HIGHER.
- 16. CONTRACTOR SHALL STAKE & GUY ALL TREES AND PALMS AT TIME OF PLANTING AS PER THE APPROPRIATE DETAIL. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF ALL STAKING AND GUYING DURING WARRANTY PERIOD AND REMOVAL & DISPOSAL OF STAKING AFTER ESTABLISHMENT PERIOD.
- 17. FERTILIZER FOR GRASS AREAS SHALL BE NPK 16-4-8 @ 12.5 LBS/1000 S.F. OR 545 LBS/ACRE. NITROGEN 50% SLOW RELEASE FORM & FERTILIZER TO INCLUDE SECONDARY MICRONUTRIENTS.
- 18. SUBSTITUTIONS AND CHANGES: ALL SUBSTITUTIONS AND CHANGES SHALL BE APPROVED IN WRITING PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN PLANS. SITE AND SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT, THE OWNER AND GOVERNING MUNICIPALITY.
- 19. WATERING: ALL PLANT MATERIAL SHALL BE WATERED IN AT TIME OF PLANTING IN ACCORDANCE WITH STANDARD NURSERY PRACTICES. IN ADDITION, CONTRACTOR WILL CONTINUE WATERING OF PLANT MATERIAL UNTIL SUBSTANTIAL COMPLETION AND AS NEEDED THEREAFTER FOR A PERIOD OF 2 MONTHS.
- 20. ALL NEW PLANT MATERIAL SHALL BE GUARANTEED FOR 1 YEAR FROM TIME OF FINAL ACCEPTANCE OF PROJECT. ANY PLANT MATERIAL NOT IN A HEALTHY GROWING CONDITION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITHIN 10 DAYS OF NOTIFICATION. FOR ALL REPLACEMENT PLANT MATERIAL, THE WARRANTY PERIOD SHALL BE EXTENDED AN ADDITIONAL 45 DAYS BEYOND THE ORIGINAL WARRANTY PERIOD. ALL TREES THAT LEAN OR ARE BLOWN OVER, CAUSED BY WINDS LESS THAN 75 MPH, WILL BE RE-SET AND BRACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 21. THE SUCCESSFUL BIDDER SHALL FURNISH TO THE OWNER A UNIT PRICE BREAKDOWN FOR ALL MATERIALS. THE OWNER MAY, AT ITS DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.
- 22. NO PLANT MATERIAL WILL BE ACCEPTED SHOWING EVIDENCE OF CABLE, CHAIN MARKS, EQUIPMENT SCARS, OR OTHERWISE DAMAGED.
- 23. PLANT MATERIAL WILL NOT BE ACCEPTED WHEN THE BALL OF EARTH SURROUNDING ITS ROOTS HAS BEEN CRACKED, BROKEN OR OTHERWISE DAMAGED.
- 24. ROOT-PRUNE ALL TREES A MINIMUM OF (12) WEEKS PRIOR TO PLANTING.
- 25. ALL PLANT MATERIAL PLANTED WITHIN THE SIGHT DISTANCE TRIANGLE AREAS (SEE
- PLAN) SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY AT A HORIZONTAL LEVEL BETWEEN 30 INCHES AND 8 FEET ABOVE ADJACENT STREET GRADE.
- 26. NO CANOPY TREES SHALL BE PLANTED WITHIN 12 FEET OF A LIGHT POLE. NO PALM SPECIES SHALL BE PLANTED WITHIN 6 FEET OF A LIGHT POLE.
- 27. TREE PROTECTION BARRICADES SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AROUND EXISTING TREES THAT MAY BE IMPACTED BY THE PROPOSED CONSTRUCTION. PRIOR TO ANY CONSTRUCTION A TREE PROTECTION BARRICADE INSPECTION SHALL BE CONDUCTED BY THE LANDSCAPE ARCHITECT, OWNER OR GOVERNING MUNICIPALITY. REFER TO LANDSCAPE DETAIL FOR TREE PRESERVATION BARRICADE FENCING.
- 28. IN ALL PEDESTRIAN AREAS, ALL TREES AND PALMS SHALL BE MAINTAINED TO ALLOW FOR CLEAR PASSAGE AT AN 8 FOOT CLEAR TRUNK.
- 29. ALL LANDSCAPE MATERIAL SHALL BE SETBACK A MINIMUM OF 10' FROM ANY FIRE
- 30. WATERING REQUIREMENTS. PROVIDED A MINIMUM 12 WEEKS OF WATERING AFTER RELOCATION, SUBMIT A WATERING SCHEDULE PRIOR TO ROOT PRUNING INCLUDING ANTICIPATED FREQUENCY AND VOLUME BASED UPON THE RECOMMENDED SCHEDULE BELOW.

RECOMMENDED WATER REQUIREMENTS						
WEEK 1-3	WEEK 3-6	WEEK 6-8	WEEK 8-11	WEEK 12		
4 TIMES PER WEEK	3 TIMES PER WEEK	3 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK		

- a. ROOT PRUNING SHALL BE DONE WHENEVER THERE WILL BE GRADING, CUTTING OR COMPACTION DISTURBANCE UNDERNEATH THE DRIP LINE OF A TREE. PRIOR TO ANY WORK WITHIN DRIP LINE, CONTRACTORS SHOULD CONTACT LANDSCAPE ARCHITECT TO COORDINATE WORK. ROOT PRUNING SHALL BE DONE PRIOR TO DISTURBANCE OF THE SITE. NO DISTURBANCE SHALL BE DONE WITHIN A DISTANCE OF 3X THE DIAMETER OF THE TREE, DUE TO STABILITY CONCERNS.
- b. BEFORE DISTURBANCE, MEET WITH LANDSCAPE ARCHITECT ON SITE TO CONFIRM LOCATION OF ROOT PRUNING. ROOT PRUNING SHALL BE CONDUCTED AT AN AGREED UPON LOCATION. THIS LOCATION WILL BE MARKED ON THE GROUND BETWEEN THE DISTURBANCE AND THE TREE, TYPICALLY 6" CLOSER TO THE TREE THAN EDGE THE DISTURBANCE.
- c. ALL ROOTS 3/4"-1.5"DIAMETERS MUST BE PRUNED. IF 2.5" OR LARGER ROOTS ARE ENCOUNTERED, STOP PRUNING IN THAT AREA AND CONTACT LANDSCAPE ARCHITECT ROOT PRUNING SHALL ONLY BE AS DEEP AS NECESSARY TO ENSURE THE CUTTING OF ALL ROOTS WHICH WOULD BE IMPACTED BY THE DISTURBANCE.
- d. ROOT PRUNING SHALL BE DONE WITH A SHARP TOOL, IN SUCH A WAY THAT DOES NOT PULL ON THE ROOTS, BUT LEAVES SMOOTH CUTS. IT IS PREFERABLE TO EXPOSE THE ROOTS PRIOR TO ROOT PRUNING. AFTER PRUNING, FILL THE AREA WITH QUALITY TOPSOIL AND WATER UNTIL THOROUGHLY SOAKED.
- e. ONCE EXPOSED, ROOTS MUST BE COVERED WITHIN 8 HOURS. IF ROOTS WILL BE LEFT EXPOSED FOR LONGER THAN 8 HOURS, THEY MUST BE KEPT MOIST. ONE OPTION IS TO PUT MOIST BURLAP OVER THE EXPOSED ROOTS. HYDRATE ROOT PRUNE TRENCH TO MAINTAIN MOISTURE AS NECESSARY UNTIL RELOCATION OF PLANT MATERIAL.
- f. ROOT PRUNING SHALL BE DONE BY OR UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST, AND MEET OR EXCEED ANSI A300 OR APPROVED TREE CARE INDUSTRY STANDARDS. A CERTIFIED ARBORIST MUST BE ONSITE DURING THE ENTIRETY OF ROOT PRUNING.
- g. ALL ROOT PRUNING SHALL BE DONE PER ANSI A300.
- 32. ROOT-PRUNE MINIMUM OF (12) WEEKS PRIOR TO RELOCATE TREES.

CITY STANDARD LANDSCAPE NOTES:

- 1. ALL LANDSCAPE AND SPECIFICATIONS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS PROVIDED IN THE CITY OF COCONUT CREEK LAND DEVELOPMENT CODE. PLANS ARE INCOMPLETE WITHOUT WRITTEN NOTES AND SPECIFICATIONS.
- ALL PLANTING MATERIAL SHALL MEET OR EXCEED FLORIDA GRADE #1 AS SPECIFIED IN GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. TREES SHALL NOT BE TIPPED, TOPPED, OR SHAPED PRIOR TO INSTALLATION.
- 3. LANDSCAPE SHALL BE PLACED TO EDGE OF ABUTTING STREETS, CANALS, LAKES OR OTHER LANDS.

4. ALL MECHANICAL EQUIPMENT, AIR CONDITIONING, IRRIGATION PUMP STATIONS AND

EQUIPMENT, FPL TRANSFORMERS, POOL PUMPS, ETC., MUST BE SCREENED ON THREE (3) SIDES BY LANDSCAPE SHRUBS. NOTÈ: THE QUANTITY OF SCREENING SHRUBS IS IN ADDITION TO THE REQUIRED NUMBER OF SHRUBS AS PROVIDED IN THE CODE CALCULATION TABLE. ALL SCREENING SHRUBS SHALL BE PLANTED FOR PROPER OPERATION OF EQUIPMENT BEING SCREENED AND/OR PER THE REQUIREMENTS OF THE UTILITY AS NECESSARY. ALL HEDGE MATERIAL REQUIRED FOR SCREENING PURPOSES SHALL

BE PLANTED WITH BRANCHES TOUCHING. ADJUST ON-CENTER SPACING AS

NECESSARY AND/OR PROVIDE ADDITIONAL PLANTS TO PROVIDE AN ADEQUATE

- 5. SIGHT DISTANCE CONCERNS MUST BE MAINTAINED FOR CLEAR SIGHT VISIBILITY FROM THIRTY (30) INCHES TO SEVENTY-TWO INCHES, TREE TRUNKS EXCLUDED. MEASUREMENT SHALL BE MADE FROM TOP OF ROOT BALL PLANTED AT PROPER
- 6. ALL TREES AND PALMS PLANTED AS TREES SHALL BE SECURELY GUYED. BRACED. AND/OR STAKED WITH SISAL ROPE OR OTHER ORGANIC MATERIAL AT THE TIME OF PLANTING UNTIL ESTABLISHMENT. NO SYNTHETIC MATERIAL MAY BE USED AROUND THE TREE TRUNK. GUYING/STAKING PRACTICES SHALL NOT PERMIT NAILS, SCREWS, WIRES, ETC., TO PENETRATE OUTER SURFACES OF TREES. PALMS OR OTHER PLANT MATERIAL, TREES, PALMS AND PLANT MATERIAL REJECTED DUE TO THIS PRACTICE SHALL BE REPLACED WITH THE INSPECTOR ON SITE.
- 7. BURLAP MATERIAL, WIRE CAGES, CANVAS STRAPS, ETC., MUST BE CUT AND REMOVED FOR THE TOP ONE-HALF (1/2) DEPTH OF THE ROOT BALL. TREES AND SHRUBS GROWN IN GROW BAGS OR WITH ANY SYNTHETIC MATERIAL MUST HAVE SUCH MATERIAL REMOVED ENTIRELY PRIOR TO PLANTING THE TREE OR SHRUB.
- 8. ALL PLANT MATERIAL SHALL BE FREE OF PESTS, INSECTS, DISEASE, WEEDS, ETC.
- 9. ALL REQUIRED LANDSCAPE MATERIAL SHALL BE INSTALLED USING A PLANTING SOIL MIX COMPRISED OF A TYPE APPROPRIATE TO THE INDIVIDUAL PROPOSED PLANT MATERIAL AND THE NATIVE SOIL FOUND ON THE SITE.
- 10. ALL PLANT MATERIAL SHALL BE PLANTED AT THE PROPER DEPTH SO THE TOP OF THE ROOT BALL IS FLUSH OR SLIGHTLY ABOVE FINISHED GRADE IMMEDIATELY AFTER PLANTING. ALL TREES SHOULD PROVIDE TRUNK TAPER WHEN PROPERLY PLANTED AT
- 11. ALL PLANT MATERIAL SHALL BE WATERED IN AT TIME OF PLANTING TO ELIMINATE AIR POCKETS IN THE ROOT ZONE AREA.
- 12. UPON COMPLETION OF WORK, THE SITE SHALL BE CLEARED OF ALL DEBRIS, SUPERFLUOUS MATERIALS, AND EQUIPMENT CAUSED BY THIS PERMIT TO THE SATISFACTION OF THE INSPECTOR.
- 13. REFER TO COCONUT CREEK FIRE EQUIPMENT CLEAR ZONE DIAGRAM TO MAINTAIN A SAFE ZONE AROUND FIRE HYDRANTS.
- 14. DO NOT PLANT TREES, SHRUBS OR GROUNDCOVER WITHIN ELECTRIC METER CLEAR ZONE. PROVIDE A SAFE ZONE AS DESCRIBED BY THE ELECTRICAL INSPECTOR.
- 15. ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM. SYSTEM SHALL PROVIDE 100% COVERAGE WITH 50% OVERLAP (MINIMUM) USING RUST FREE WATER, EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED AND/OR PROVIDED ONTO IMPERVIOUS SURFACES AND/OR BE DESIGNED OR INSTALLED TO THROW WATER OVER AN IMPERVIOUS SURFACE SUCH AS A SIDEWALK, ETC. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE SET FORTH BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT OR OTHER JURISDICTIONAL AGENCY.
- 16. IRRIGATION PERMITS AND PLANS SHALL BE SUBMITTED FOR APPROVAL AT TIME OF BUILDING PERMITS.
- 17. ALL NON-SINGLE FAMILY OR DUPLEX IRRIGATION SYSTEMS OTHER THAN CITY WATER SYSTEMS SHALL REQUIRE A SOUTH FLORIDA WATER MANAGEMENT DISTRICT WATER USE PERMIT PRIOR TO ISSUANCE OF AN IRRIGATION PERMIT AND INSTALLATION OF THE IRRIGATION SYSTEM AS REQUIRED.
- 18. ALL SITE AMENITIES TO INCLUDE SITE STREET LIGHTS, LANDSCAPE COMMON OPEN SPACE, IRRIGATION COMMON OPEN SPACE, BUFFERS, BERMS, LANDSCAPE ENTRY FEATURES, ETC. LEADING UP TO AND INCLUDING THE MODEL CENTER AND/OR FIRST CERTIFICATE OF OCCUPANCY MUST BE COMPLETED AND FUNCTIONAL PRIOR TO ISSUANCE OF THE FIRST REQUESTED CERTIFICATE OF OCCUPANCY.
- 19. THE HEIGHT OF ALL REQUIRED, DESIGNED AND INSTALLED BERMS SHALL BE FROM THE HIGHEST ADJACENT POINT WHETHER IT IS THE SIDEWALK, PARKING AREA, VEHICULAR USE AREA, SURROUNDING GROUND, ETC. WHERE A BERM ABUTS A SIDEWALK, THERE SHALL BE A ONE (1) FOOT LEVEL SOD AREA ADJACENT TO THE SIDEWALK PRIOR TO THE START OF INCLINE FOR THE BERM.
- 20. AN INSPECTION IS REQUIRED PRIOR TO THE BACKFILLING OF TREES/PALMS IN ALL PARKING MEDIANS AND ISLANDS.
- 21. A TREE REMOVAL PERMIT IS REQUIRED PRIOR TO THE REMOVAL OR TRANSPLANTATION OF ANY TREE AND/OR PALM.

NOTE:

NATIVE VEGETATION SHRUB LAYOUT PER PERCENTAGE, LOCATIONS TO BE COORDINATED WITH LANDSCAPE ARCHITECT BEFORE PLANTING. PLANT SCHEDULE

TEMPORARY IRRIGATION TO BE PROVIDED BY CONTRACTOR FOR LANDSCAPE ESTABLISHMENT

Total Lot Tree Count					
Existing Trees	197 Existing Trees - 191 Trees to Remain, 6 Trees to Relocate (10 Palms = 3 Trees)				
Proposed Trees	232 Proposed Trees (36 Palms = 12 Trees)				
Total Tree Count:	429 (Exisiting and Proposed Trees)				

	LANDSCAPE REQUIREMENTS (LAND DEVEL	OPMENT CODE)		
		Required	Provided	
Section 13-443 - M	nimum Landscape Requirements for Zoning Dist	ricts		
13-443-5-C	Denimerer of a project	Minimum 5 (Ft)	5 to 25 (Ft)	
12 442 2	Overall Lot Landscape: 1 Tree and 5 Shrubs	349 Trees	349 Trees	
13-443-3	per 1000 SF of Plot Area (348,278/1000 = 349)	1742 Shrubs	349 Trees 13403 Shrubs 50 (Trees) 2 (Trees) 6 (Trees) 22 (Trees) 100% 25% 18.8%	
13-443-8	Perimeter Buffer Requirement: Minimum 1 Tree per 40 Linear Feet (1980/40 = 50 Trees)	50 (Trees)	50 (Trees)	
13-443-5-f	One (1) Tree for each forty (40) Linear feet of building facade (71'/40 = 2 Trees)	2 (Trees)	2 (Trees)	
13-443-10-a	VUA: One (1) Tree in every Intermediate and Terminal Island (6 Islands = 6 Trees)	6 (Trees)	6 (Trees)	
13-443-11-b	Street Trees: One (1) Tree for each 30 Linear Ft of Street Frontage (612/30 = 20.4 Trees)	21 (Trees)	22 (Trees)	
ection 13-444 - In:	stallation, Maintenance and Materials for all Zon	ing Districts		
13-444-c	Minimum quantities of native plant species shall be fifty (50) percent.	≥50%	6 100%	
13-444-c	Trees: No more than twenty-five (25) percent of new materials may be of the same species.	≤25%	25%	
13-444-c	Shrubs: No more than twenty-five (25) percent of new materials may be of the same species.	≤25%	18.8%	
13-444-c-1-a-1	Shade/canopy trees shall be forty (40) percent minimum of total trees required.	≥40%		
13-444-c-1-a-2	Intermediate trees shall constitute thirty (30) percent minimum of the total trees required.	≥30%	39%	
13-444-c-1-a-3	O	≤10%	10%	
13-444-c-1-b	Palms shall make up no more than fifty (50) percent of the total trees	≤50%	5%	

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CALIPER	HEIGHT	SPREAD	NATIVE	QTY
TREES						T	1	_
•	BS	Bursera simaruba / Gumbo Limbo	Field Grown	2" CAL	12` HT	5` SPR.	Yes	17
$\boxed{\bullet}$	CD	Coccoloba diversifolia / Pigeon Plum	Field Grown	2" CAL	10` HT	4` SPR.	Yes	30
£	CE	Conocarpus erectus / Buttonwood	Field Grown	2" CAL	12` HT	5` SPR.	Yes	38
	cs	Conocarpus erectus var. sericeus / Silver Buttonwood Single-Trunk	Field Grown	2" CAL	10` HT	4` SPR.	Yes	22
Man of the state o	MF	Myrcianthes fragrans / Simpson`s Stopper Full to Ground	Field Grown	1.5" cal	8' HT	4` SPR.	Yes	23
	PE-3	Pinus elliottii densa / Slash Pine	100 GAL	3" CAL	12` HT	5` SPR.	Yes	58
E	PE-2	Pinus elliottii densa / Slash Pine	15 GAL	1.5" cal	5` HT	2` SPR.	Yes	20
and the second	PE-1	Pinus elliottii densa / Slash Pine	3 GAL	0.5" CAL	3' HT.	1.5' SPR.	Yes	500
E	QV	Quercus virginiana / Southern Live Oak	Field Grown	2" CAL	12` HT	5` SPR.	Yes	17
2 m	SM	Swietenia mahagoni / West Indian Mahogany	Field Grown	2" CAL	12` HT	5` SPR.	Yes	15
RELOCATE) TREES	& PALMS						
	R-QV	Quercus virginiana / Southern Live Oak	Relocated		18` HT			1
	R-RR	Roystonea regia / Royal Palm	Relocated		36' HT			2
\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	R-SP	Sabal palmetto / Cabbage Palmetto	Relocated		8'-24' HT			10
PALMS				T	1		T	_
	SP-2	Sabal palmetto / Cabbage Palmetto	Field Grown	1.5" cal	10` CT	4` SPR.	Yes	8
	SP-3	Sabal palmetto / Cabbage Palmetto	Field Grown	1.5" cal	12` CT	4` SPR.	Yes	8
MANANTE								

8, CL

4` HT

1.5" cal

Field Grown

Field Grown

4` SPR.

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	HEIGHT	NATIVE	SPACING	QTY
SHRUB AF	REAS						•
+ + + + + + + + + + + + + + + + + + +	ARA	Arachis glabrata / Perennial Peanut	1 GAL			12" o.c.	684
	ASC	Asclepias tuberosa / Butterfly Milkweed	1 GAL	12" HT.	Yes	12" o.c.	31
	CHR	Chrysobalanus icaco / Coco Plum	3 GAL	24" HT.	Yes	24" o.c.	1,976
	НАМ	Hamelia patens / Firebush	3 GAL	24" HT.	Yes	24" o.c.	4
	LAN	Lantana involucrata / Buttonsage	3 GAL	24" HT.	Yes	24" o.c.	10
	NEP	Nephrolepis exaltata / Boston Fern	1 GAL	12" HT.	Yes	24" o.c.	1,660
	PAS	Passiflora incarnata / Passion Flower Vine	3 GAL			24" o.c.	10
	PSY	Psychotria ligustrifolia / Bahama Coffee	3 GAL	24" HT.	Yes	24" o.c.	2,112
	STA	Stachytarpheta jamaicensis / Blue Porterweed	3 GAL	24" HT.	Yes	24" o.c.	9
		NATIVE VEGETATION					43,560 s
	AE	Ardisia escallonioides / Marlberry	3 GAL	12" HT.	Yes	5% @ 24" o.c.	629
	EF	Eugenia foetida / Spanish Stopper	3 GAL	24" HT.	Yes	5% @ 24" o.c.	629
777777	HAM	Hamelia patens / Firebush	3 GAL	24" HT.	Yes	7.5% @ 24" o.c.	943
	RA	Randia aculeata / White Indigo Berry	3 GAL	12" HT.	Yes	5% @ 24" o.c.	629
	SR	Serenoa repens / Saw Palmetto	3 GAL	12" HT.	Yes	20% @ 24" o.c.	2,515
	TF	Tripsacum dactyloides / Fakahatchee Grass	3 GAL	24" HT.	Yes	5% @ 24" o.c.	629
<u>//////</u>	ZAM	Zamia pumila / Coontie Cycad	3 GAL	12" HT.	Yes	7.5% @ 24" o.c.	943
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	HT		SPACING	QTY
GROUND (COVERS						
	SOD	Stenotaphrum secundatum / St. Augustine Grass	FLAT				9,193 sf

Sabal palmetto / Cabbage Palmetto

Thrinax radiata / Florida Thatch Palm

Note: A minimum of 50% coverage is to be provided at time of planting for required planting.

Note: Field Grown Material can be sourced as equivalent container subject to root inspection at time of installation.



CONSULTANTS:

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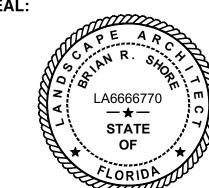


PROJECT NAME:

OAK TRAILS PARK **IMPROVEMENTS**

4230 NW. 74th Street Coconut Creek, FL 33073

SEAL:



BRIAN R. SHORE, RLA FLA. REGISTRATION NO. <u>LA6666770</u> DATE : <u>1/8/2025</u>

This item has been digitally signed and sealed by Brian R. Shore, RLA on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any

electronic copies.

1 09/12/24 DRC SITE PLAN RESUBMITTAL 2 11/12/24 DRC SITE PLAN RESUBMITTAL 3 | 12/23/24 | DRC SITE PLAN RESUBMITTAL REVISIONS

SUBMITTAL:

DRC SUBMITTAL

DATE ISSUED: PROJECT NUMBER: **DRAWN BY: REVIEWED BY: DESIGNED BY:**

SHEET TITLE:

LANDSCAPE SCHEDULE

12/23/2024

23-00155

SHEET NUMBER: