

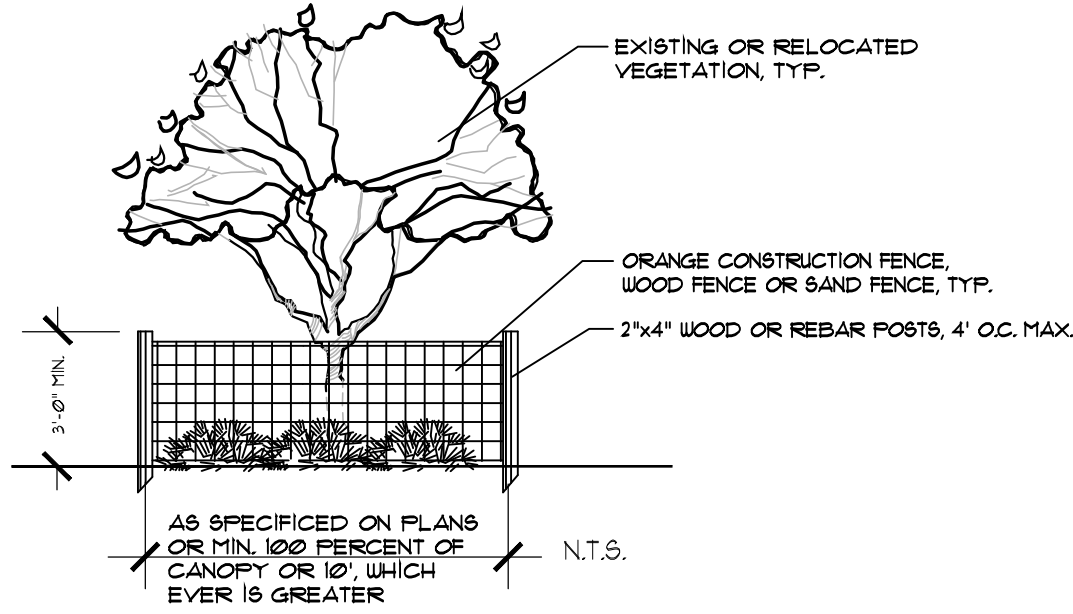
EXISTING NATIVE TREE SPECIFICATIONS AND DETAILS:

EXISTING TREE TABLE & SYMBOL LEGEND

- EX. OAK/CANOPY TREE (TO BE REMOVED)
- EX. PALM TREE (TO BE RELOCATED)
- RELOCATED PALM

EXISTING TREE TABLE		
#	CALIPER	SPECIES
1	12"	CABBAGE
2	14"	CABBAGE
3	12"	CABBAGE
4	12"	CABBAGE
5	10"	CABBAGE
7	10"	CABBAGE
9	9"	UNKNOWN
14	16"	CABBAGE
15	15"	OAK
16	12"	CABBAGE
17	12"	CABBAGE
18	16"	CABBAGE
19	14"	CABBAGE
20	12"	CABBAGE
21	12"	CABBAGE

TREE PROTECTION DETAIL



FENCING OF UNDISTURBED AREAS:

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL ENCLOSE THE ENTIRE UNDISTURBED AREA, OR TREE, WITHIN A FENCE OR SIMILAR BARRIER AS SHOWN. WOODEN (OR EQUIVALENT) POSTS STEEL REBAR OR WOOD AT LEAST 2 x 4 INCHES SHALL BE IMPLANTED IN THE GROUND DEEP ENOUGH TO BE STABLE AND WITH AT LEAST 3 FEET VISIBLE ABOVE THE GROUND. THE PROTECTIVE POSTS SHALL BE PLACED NOT MORE THAN 4 FEET APART, AND SHALL BE LINKED TOGETHER BY ORANGE NET FENCE FABRIC, OR OTHER. NO HEAVY EQUIPMENT, VEHICLES, STORAGE OF MATERIALS, ETC., SHALL OCCUR WITHIN THE VEG. PROTECTION ZONE. EXTREME CARE SHALL BE TAKEN WHEN WORKING NEAR THE BASE OF TREES. NO FINISH GRADE FILL SHALL BE PLACED WITHIN A ZONE OF 2/3 THE DIAMETER OF THE TREE CANOPY.

FLATWORK CONSTRUCTION WITHIN CANOPY & TREE BARRICADE SHALL BE DONE WITH EXTREME CARE TO MINIMIZE DISTURBANCE TO THE ROOTS BY EXCAVATING, COMPACTING OR ADDING FILL.

UTILITY WORK (TRENCHING) WITHIN THE CANOPY & TREE BARRICADE SHALL BE DONE WITH EXTREME CARE TO MINIMIZE DISTURBANCE TO THE ROOTS BY EXCAVATING, COMPACTING OR ADDING FILL. THE TREE BARRICADE WILL BE MODIFIED TEMPORARILY TO ALLOW ONLY THE MINIMUM WORK ZONE TRESPASS INTO THE CANOPY AREA, CONTINUING TO PROTECT THE REST OF THE CANOPY AREA WITH BARRICADE. NO FILL, EVEN TEMPORARY, SHALL BE PLACED IN ANY PROTECTED ZONE. AT THE CONCLUSION OF SAID ACTIVITY, THE WORKZONE SHALL BE CLEANED UP & TREE BARRICADES REPLACED TO THEIR ORIGINAL CONFIGURATION.

GENERAL SPECIFICATIONS

SUBSTANTIAL COMPLETION:

SUBSTANTIAL COMPLETION AND WALKTHROUGH WILL BE PERFORMED AFTER COMPLETION OF EACH PHASE OF THE LANDSCAPE INSTALLATION/RELOCATION. ANY MATERIAL OR WORK REQUIRING REPLACEMENT OR REPAIR SHALL BE EXECUTED WITHIN 15 WORKING DAYS OF THE SUBSTANTIAL COMPLETION REPORT.

TREE RELOCATION WARRANTY:

CONTRACTOR SHALL WARRANT ALL RELOCATED PLANT MATERIALS AT A 95% SURVIVAL RATE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE TREE RELOCATIONS.

FINAL INSPECTION:

A FINAL INSPECTION AND WALK THROUGH WILL BE PERFORMED AFTER COMPLETION OF WORK FOR SUBSTANTIAL COMPLETION AND PRIOR TO THE END OF THE WARRANTY PERIOD AS DIRECTED BY THE PROJECT MANAGER AND TO BE PERFORMED BY THE LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE(S). ANY DEAD MATERIAL AND/OR NOTED DEFICIENCIES SHALL BE REPLACED OR REPAIRED WITHIN 15 WORKING DAYS OF THE INSPECTION REPORT. ANY PLANT REPLACEMENTS SHALL BE MAINTAINED AS ABOVE NOTED AND WARRANTED FOR A PERIOD OF NINETY (90) DAYS. ANY AND ALL STAKING AND GUYING SHALL ALSO BE REMOVED FROM THE PROJECT AT THE END OF THE WARRANTY PERIOD UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.

TREE RELOCATION ROOT PRUNING:

ALL OAK TREES SHALL BE ROOT PRUNED PRIOR TO RELOCATION TO ASSURE SURVIVABILITY. ONE HALF OF THE ROOTBALL OF EACH TREE SHALL BE PRUNED A MINIMUM ON THREE (3) MONTHS PRIOR TO RELOCATION WITH THE REMAINING HALF ROOTBALL TO BE PRUNED A MINIMUM OF TWO (2) MONTHS.

TREE RELOCATION LIMB PRUNING:

ALL CABBAGE PALMS TO BE HURRICANE CUT AT TIME OF RELOCATION WITH MINIMAL ROOT PRUNING. ALL OAKS AND OTHER STRUCTURE TREES TO BE PRUNED TO THIN THE DENSITY OF THE CANOPY AS NEEDED FOR THE HEALTH OF THE TREE AND SAFETY OF THE RELOCATION PROCESS. TIPPING OF BRANCHES WILL NOT BE ACCEPTABLE TO REDUCE CANOPY. PRUNING MUST BE SUPERVISED BY A CERTIFIED ARBORIST.

TREE RELOCATION WATERING:

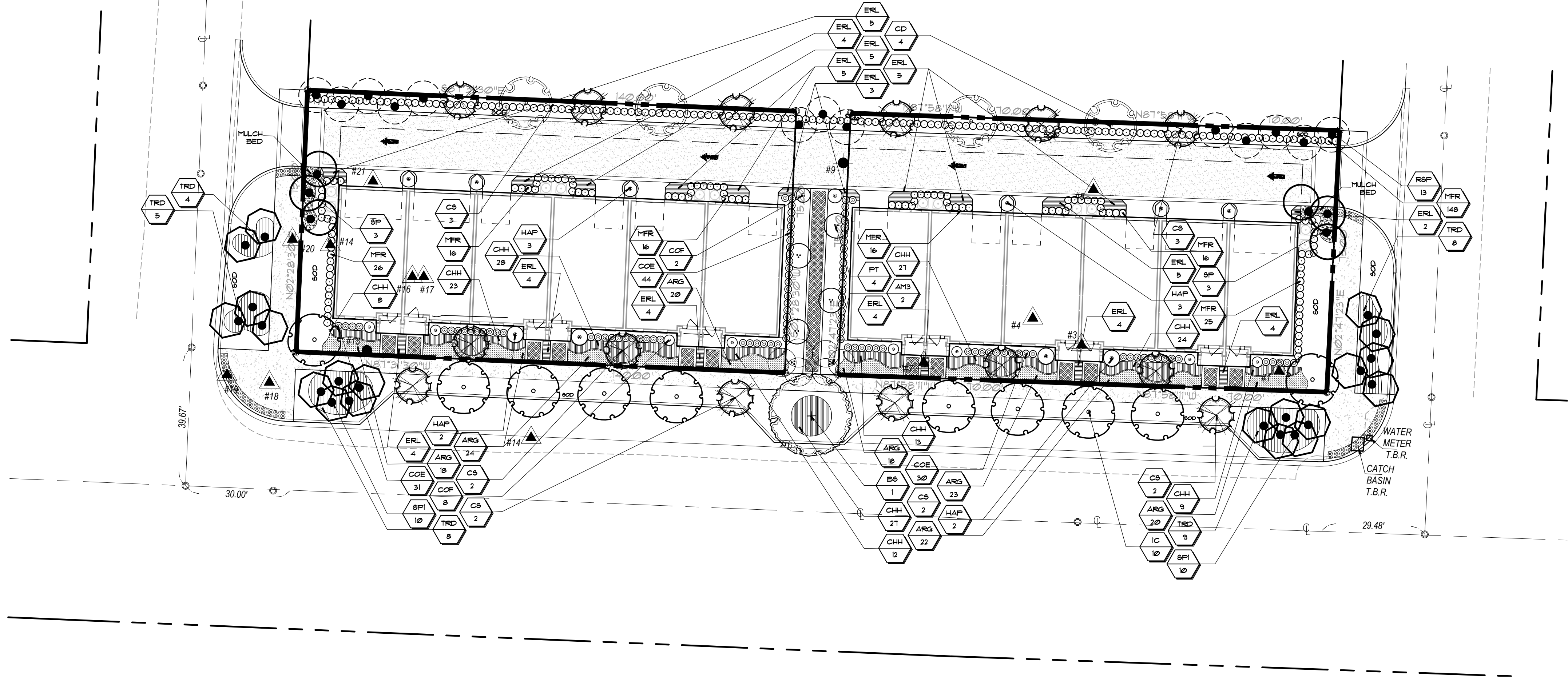
THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE ROOT PRUNED AND RELOCATED TREES TO ASSURE SURVIVABILITY.

TREE REPLACEMENT:

THE LANDSCAPE CONTRACTOR SHALL REPLACE ANY EXISTING OR RELOCATED TREE WHICH DIES. THE TREE(S) SHALL BE REPLACED WITH THE SAME SPECIES AND EQUAL CALIPER OF EXPIRED MATERIAL. THE OWNER'S REP SHALL DETERMINE RESPONSIBILITY OF CAUSE OF DEATH AND CHARGE COSTS FOR SUCH REPLACEMENT TO APPLICABLE PARTY.

VEGETATION BARRIER:

PRIOR TO ANY LAND ALTERATION, CLEARING OR CONSTRUCTION ACTIVITIES, PROTECTIVE BARRIERS SHALL BE PROVIDED AROUND THE PERIMETER OF ALL PRESERVED VEGETATION (INCLUDING RELOCATED MATERIAL). THE BARRIER SHALL 2\"/>



LANDSCAPE DATA:

SITE AREA:	0.48 Acres; 20,998 s.f.
Impervious Area Provided	16,009.27 s.f.; 76%
Pervious Area Provided	4,988.75 s.f.; 24%
ALLY AREA:	0.03 Acres; 1,158 s.f.
Impervious Area Provided	538.58 s.f.; 46%
Pervious Area Provided	619.67 s.f.; 54%

LANDSCAPE REQUIREMENTS:

	REQUIRED	PROVIDED
NORTHERN PERIMETER (295 L.F.)	6 SHADE TREES <small>-incl. Ally</small>	13* SHADE TREES (1:50 L.F.)
SOUTHERN PERIMETER (295 L.F.)	15 SHADE TREES <small>-incl. Ally</small>	15 SHADE TREES (1:20 L.F.) <small>*incl. 6 COUNTED TOWARDS INTERIOR</small>
WESTERN PERIMETER (7 L.F.)	1 SHADE TREES	1 SHADE TREES (1:20 L.F.)
EASTERN PERIMETER (7 L.F.)	1 SHADE TREES	1 SHADE TREES (1:20 L.F.)
INTERIOR LANDSCAPING (1/1500 s.f.)	15 SHADE TREES <small>-incl. Ally</small> (22,156 s.f.)	10* SHADE TREES <small>* 6 PLACED IN NORTH BUFFER DUE TO SPACE LIMITATIONS</small>
TOTAL TREES	37 SHADE TREES	40 SHADE TREES
VEGETATION SPECIES MIX	4 SPECIES	5 SPECIES
PALM SUBSTITUTION (20% MAX)	8 PALMS	8 PALMS; (3 PALMS : 1 SHADE TREE)

NATIVE REQUIREMENTS:

	REQUIRED	PROVIDED
NATIVE/ PREFERRED SPECIES TREES & PALMS	60%	71% (5 out of 7)
NATIVE/PREFERRED SPECIES SHRUBS & GROUNDCOVERS	25%	75% (6 out of 8)
TOTAL PERCENTAGE OF NATIVE SPECIES	70%	73% (11 out of 15)

LANDSCAPE NOTES:

- THE LANDSCAPE ARCHITECT OF RECORD SHALL VERIFY THAT THE INSTALLATION COMPLIES WITH THE APPROVED PLAN OF RECORD. THIS VERIFICATION INCLUDES THE SPECIES (TYPE, QUANTITY, AND OTHER ORIGINAL PLANTING, SPECIFICATIONS) DESIGN OR LOCATION, IRRIGATION, AND ALL OTHER LANDSCAPE STRUCTURES AND MATERIAL USED IN ACCORDANCE WITH THE SITE PLAN.
- ALL PLANTING AREAS SHALL RECEIVE 100% COVERAGE FROM A FULLY AUTOMATIC IRRIGATION SYSTEM, EQUIPPED WITH A RAIN SENSOR AND SHALL BE DESIGNED IN ACCORDANCE TO SECTION 20-124 OF RIVERA BEACH LANDSCAPE SECTION.
- IRRIGATION SOURCE SHALL BE POTABLE OR WELL WATER SOURCE.
- ALL PLANTING BEDS/ISLANDS SHALL BE FREE OF SHELLROCK THREE (3) AND CONSTRUCTION DEBRIS, EXCAVATED TO A DEPTH OF 30" OR TO CLEAN NATIVE SOILS AND BACKFILLED WITH THE SPECIFIED BACKFILL MIXTURE
- ALL TREES UNDER FPL POWER LINES ARE REQUIRED TO COMPLY WITH THE FPL PLANT THE RIGHT TREE IN THE RIGHT PLACE' GUIDELINES.
- ALL PLANT MATERIAL SHALL MEET THE FLORIDA GRADES AND STANDARDS OF FL. #1 QUALITY OR BETTER & FLORIDA FRIENDLY STANDARDS.
- AT THE DISCRETION OF THE LANDSCAPE ARCHITECT OF RECORD EXISTING NATIVE TREES MAY BE USED TO SUBSTITUTE PROPOSED TREES AS LONG AS THEY ARE HEALTHY AND MEET THE MINIMUM SIZE REQUIREMENTS OF THE LAND DEVELOPMENT CODE.

PLANT LEGEND:

	Gumbo Limbo (Shade Tree)		Simpson's Stopper
	Pigeon Plum (Shade Tree)		Green Buttonwood
	Dahoon Holly (Shade Tree)		Fire Bush
	Silver Buttonwood (Shade Tree)		Croton
	Sabal Palm 12'		Horizontal Cocoplum
	Sabal Palm 18'		Fakahatchee Grass
	Relocated Sabal Palm		Perennial Peanut
	Adonia Palm		Beach Creeper
	Alexander Palm		

Amendment Stamps

Zoning Stamps

