

# LANDSCAPE PLANS

Reviewed for code compliance  
**M Holden**  
 03/08/2024 11:24:12 AM

CITY OF MARCO ISLAND, FL, SITE DEVELOPMENT PLAN  
 for

# HIDEAWAY BEACH SPORTS CENTER



**GradyMinor**  
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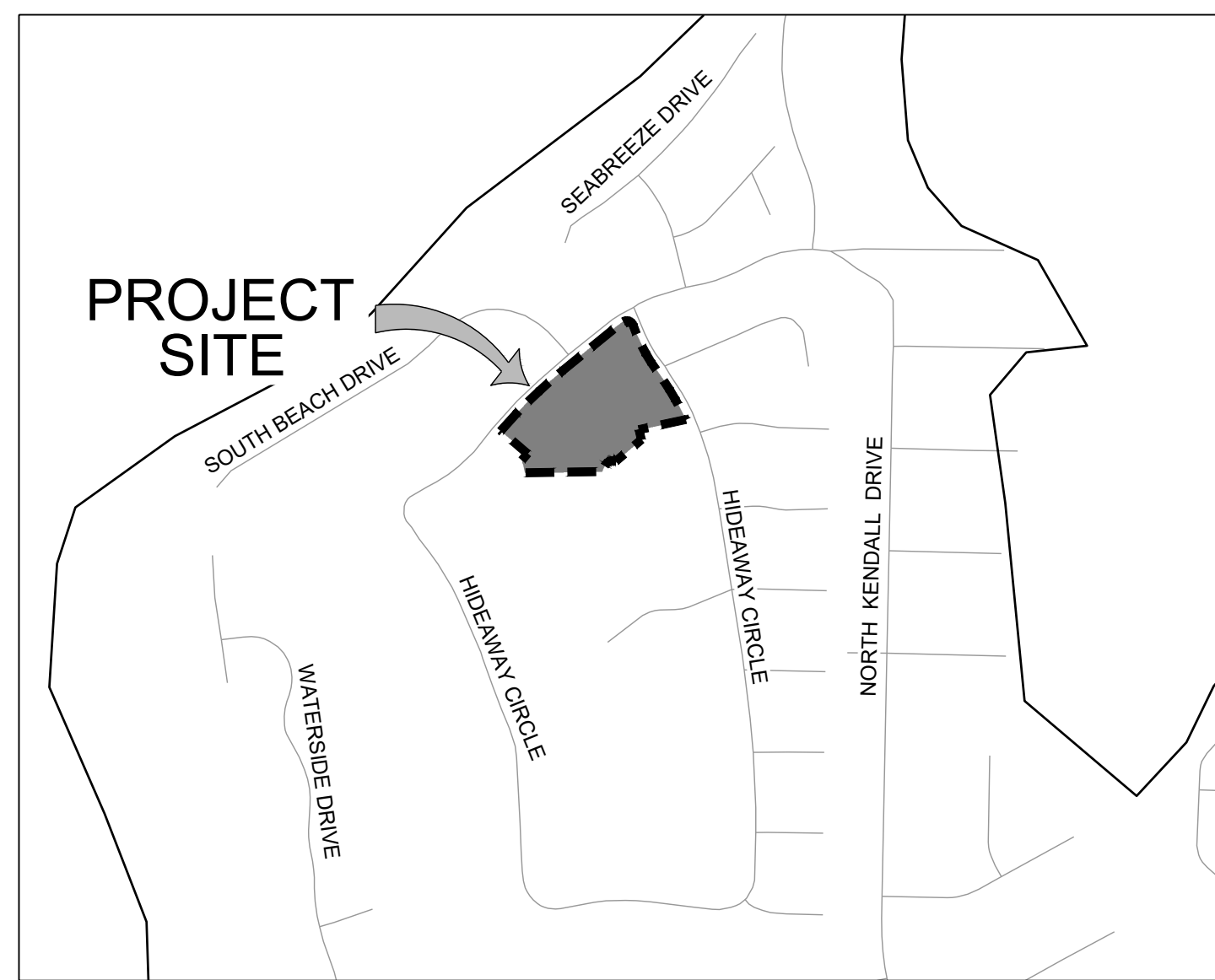
Richard P. Chalupa, R.L.A.

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 by Richard P.  
 Chalupa, R.L.A.  
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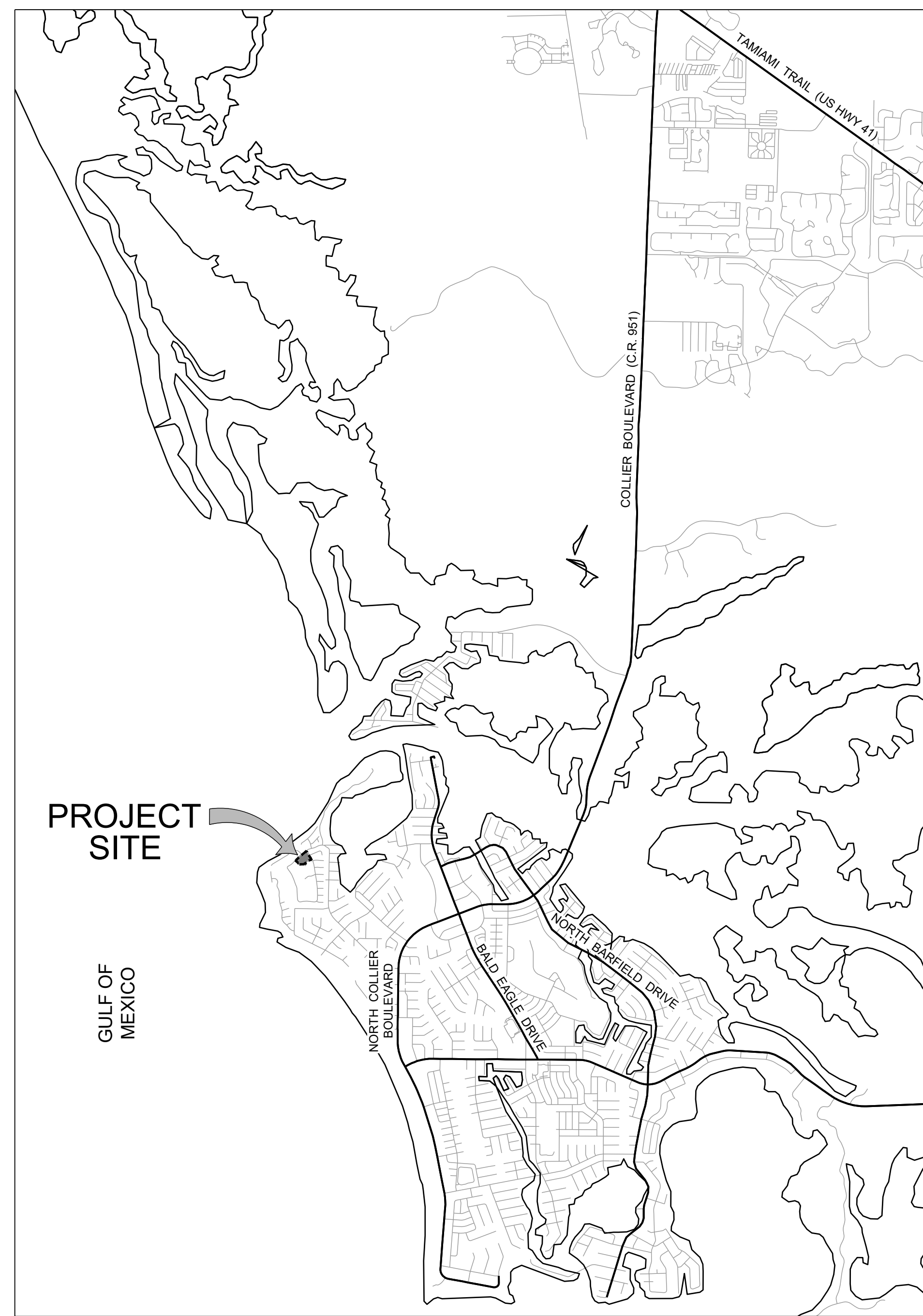
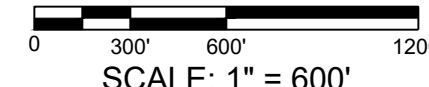
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Owner/Developer:  
**HIDEAWAY BEACH ASSOCIATION**  
 Eamon Murphy CCM, CAM  
 250 South Beach Dr  
 Marco Island, FL 34145  
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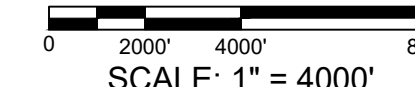
COLLIER COUNTY FOLIO NUMBER: 49980040002



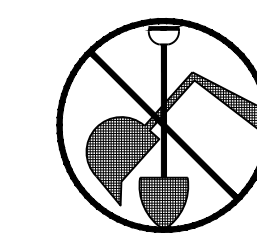
**VACINITY MAP**  
 SCALE: 1" = 600'



**LOCATION MAP**  
 SCALE: 1" = 4000'



LANDSCAPE ARCHITECTURAL PLANS	
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**HIDEAWAY BEACH SPORTS CENTER**  
**COVER SHEET**  
 CITY OF MARCO ISLAND, FL

REVISIONS
1. REVISIONS PER CITY OF MARCO
COMMENTS DATED 02/09/2024

**SHEET**  
**1 OF 3**

DATE: DECEMBER 2023

G:\LANDSCAPE\HIDEAWAY BEACH\HIDEAWAY BEACH\SDP LADWG 2/20/2024 3:51 PM

**EXISTING LANDSCAPE LEGEND:**

SYMBOL	BOTANICAL NAME	COMMON NAME
	ADONIDIA MERRILLII	CHRISTMAS PALM
	BUCERAS SIMARUBA	GUMBO LIMBO
	BUCIDA BUCERAS 'SL'	SHADY LADY BLACK OLIVE
	COCCOLOBA UVIFERA	SEAGRAPE
	CONOCARPUS ERECTUS	GREEN BUTTWOOD
	FICUS AUREA	STRANGLER FIG
	JATROPHA HESTATA	JATROPHA
	PHOENIX ROEBELENI	CHRISTMAS PALM
	QUERCUS VIRGINIANA	LIVE OAK
	ROYSTONEA ELATA	ROYAL PALM
	SABAL PALMETTO	CABBAGE PALM
	THRINAX RADIATA	THATCH PALM
	WODYETIA BIFURCATA	FOXTAIL PALM

**ABBREVIATION LEGEND:**

CALLOUT	DESCRIPTION
VUA	REQUIRED VEHICULAR USE TREE
RBT	REQUIRED BUFFER TREE
BLD	REQUIRED BUILDING TREE
RGT	REQUIRED GENERAL TREE
RST	REQUIRED SHADE TREE
EOW	EDGE OF WATER
EOP	EDGE OF PAVEMENT
BOC	BACK OF CURB
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LAKE MAINTENANCE EASEMENT
LBE	LANDSCAPE BUFFER EASEMENT

**FPL UTILITIES NOTE:**

ADHERE TO RECOMMENDED CLEARANCES FOR ALL FPL TRANSFORMERS / CABINETS:  
FRONT: 8'  
SIDES & REAR: 3'

Utilities Standards Manual:  
Trees are to be offset from Water Mains by 5 feet.

**SPECIES TO BE REMOVED**

Botanical Name:	Common Name:
Abrus precatorius	Rosary Pea
Acacia auriculiformis	Earleaf Acacia
Albizia lebeck	Woman's Tongue
Araucaria heterophylla	Norfolk Island Pine
Bischofia javanica	Bishopwood
Casuarina spp.	Australian Pine
Colubrina asiatica	Lather Leaf
Cupianopsis anacardioides	Carrotwood
Dalbergia sissoo	Rosewood
Dioscorea alata	Winged Yam / Air Potato
Dioscorea bulbifera	Air Potato
Eucalyptus camaldulensis	Murray Red Gum
Ficus benjamina	Weeping Fig
Ficus microcarpa	Cuban Laurel Fig
Lantana camara	Lantana
Leucaena leucocephala	Lead Tree
Lygodium spp.	Climbing Fern
Melaleuca quinquenervia	Melaleuca
Minosa pigra	Catclaw Mimosa
Panicum maximum	Guinea Grass
Rhodomyrtus tomentosus	Downy Rosemyrtle
Sapium sebiferum	Chinese Tallow
Scaevola taccada	Scaevola Beach Naupaka
Schinus terebinthifolius	Brazilian Pepper
Solanum viarum	Tropical Soda Apples
Syzygium cumini	Java Plum
Syzygium jambos	Rose Apple
Thespesia populnea	Seaside Mahoe
Urena lobata	Cearseweed
Wedelia triobata	Wedelia

**PROHIBITED SPECIES LIST**

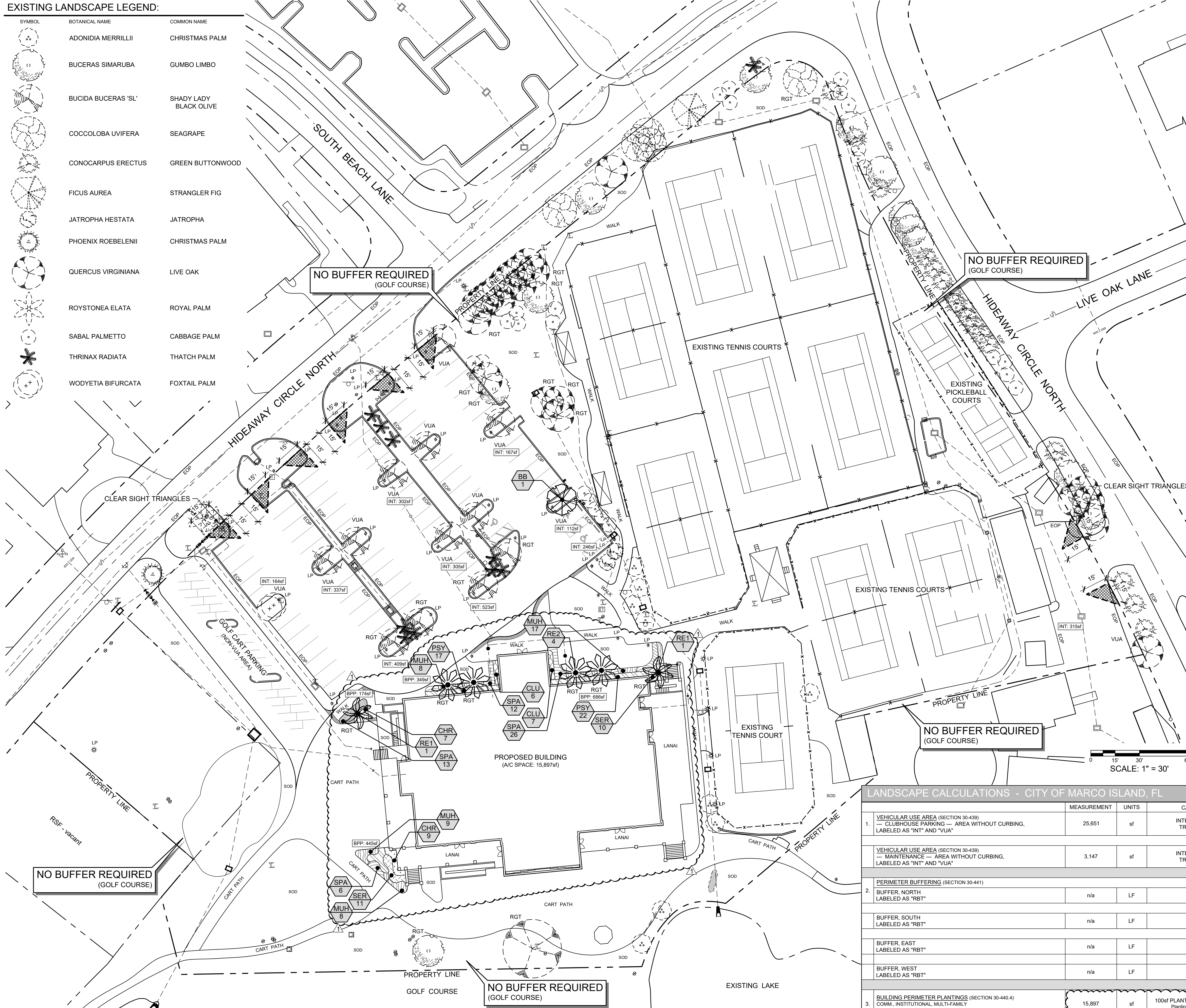
Botanical Name:	Common Name:
Cestrum diurnum	Day-blooming Jasmine
Eucalyptus camaldulensis	Murray Red Gum
Eugenia uniflora	Surinam Cherry
Ficus benjamina	Weeping Fig
Ficus microcarpa	Cuban Laurel Fig
Dalbergia sissoo	Rosewood
Koeleruteria elegans	Golden Raintree
Ligustrum lucidum	Glossy Privet
Ligustrum sinense	Chinese Ligustrum
Melia azedarach	Chinaberry
Psidium cattleianum	Strawberry Guava
Psidium guajava	Common Guava
Sapium sebiferum	Chinese Tallow
Syzygium jambos	Rose Apple
Thespesia populnea	Cork Tree
Wedelia triobata	Wedelia

SEE ALSO, NOTE #14 IN THE LANDSCAPE INSTALLATION NOTES FOR ADDITIONAL EXOTIC PLANT RESOURCE(S).

**PLANT MATERIAL STANDARDS:**

Section 30-435.a.1  
TREES: 50% NATIVE  
SHRUBS: 50% NATIVE

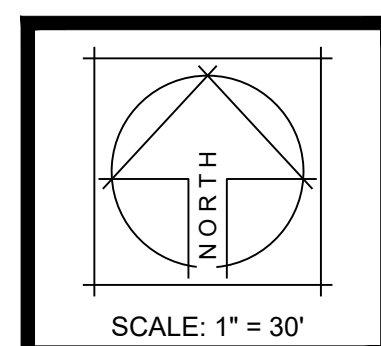
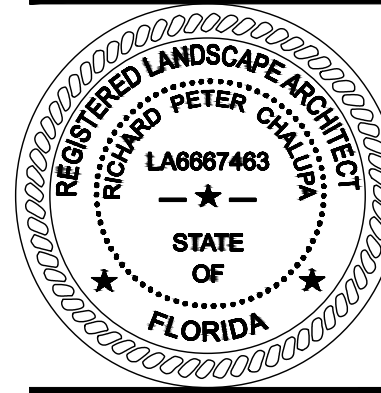
NOTE: Follow FPL Guidelines when planting trees under or adjacent to overhead power lines.



\*\* EXISTING PLANTING NOTE:  
PLAN MEETS SUFFICIENT CODE REQUIREMENTS AFTER REMOVAL OF EXOTICS. EXISTING PLANTINGS MEET CODE REQUIREMENTS OR WILL BE BROUGHT UP TO CODE IN ACCORDANCE WITH THE CITY OF MARCO ISLAND LDC REQUIREMENTS.

**LANDSCAPE CALCULATIONS - CITY OF MARCO ISLAND, FL**

	MEASUREMENT	UNITS	CALCULATION	REQUIRED	PROVIDED
1. VEHICULAR USE AREA (SECTION 30-439) --- CLUBHOUSE PARKING --- AREA WITHOUT CURBING, LABELED AS "INT" AND "VUA"	25,851	sf	INTERIOR: sf x 0.10 TREES: 1 / 250sf	2,585 sf 10 qty TREES	2,585 sf 10 qty TREES
VEHICULAR USE AREA (SECTION 30-439) --- MAINTENANCE --- AREA WITHOUT CURBING, LABELED AS "INT" AND "VUA"	3,147	sf	INTERIOR: sf x 0.10 TREES: 1 / 250sf	315 sf 1 qty TREES	315 sf 1 qty TREES
2. PERIMETER BUFFERING (SECTION 30-441) BUFFER, NORTH LABELED AS "RBT"	n/a	LF	=	n/a qty TREES	n/a qty TREES
BUFFER, SOUTH LABELED AS "RBT"	n/a	LF	=	n/a qty TREES	n/a qty TREES
BUFFER, EAST LABELED AS "RBT"	n/a	LF	=	n/a qty TREES	n/a qty TREES
BUFFER, WEST LABELED AS "RBT"	n/a	LF	=	n/a qty TREES	n/a qty TREES
3. BUILDING PERIMETER PLANTINGS (SECTION 30-440.4) COMM. INSTITUTIONAL, MULTIFAMILY LABELED AS "BPP"	15,897	sf	100sf PLANTING / 1,000sf BUILDING Planting bed = 5' min. width	1,590 sf PLANTING	1590 + sf PLANTING (1,854sf SHOWN)
4. LANDSCAPE REQUIREMENTS (SECTION 30-440.3) COMMERCIAL / INSTITUTIONAL: TREES: 1 / 3,000sf PVIOUS LOT AREA LABELED AS "RGT"	62,621	sf	TREES: 25% @ 12'-14" ht, 6" spd, 3" cal, 7' ct 25% @ 16'-18" ht, 7" spd, 4" cal, 7' ct PALMS: 25% @ 12' ct (min mature ct = 15') 25% @ 15' ct (min mature ct x 18')	21 qty TREES (ADDITIONAL)	21 qty TREES (ADDITIONAL)



**HIDEAWAY BEACH SPORTS CENTER**  
SDP LANDSCAPE PLAN  
CITY OF MARCO ISLAND, FL

**REVISIONS**

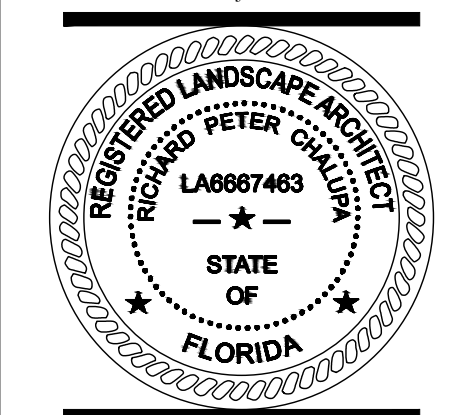
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PLANT SCHEDULE & DETAILS SHEET  
CITY OF MARCO ISLAND, FL

REVISIONS	
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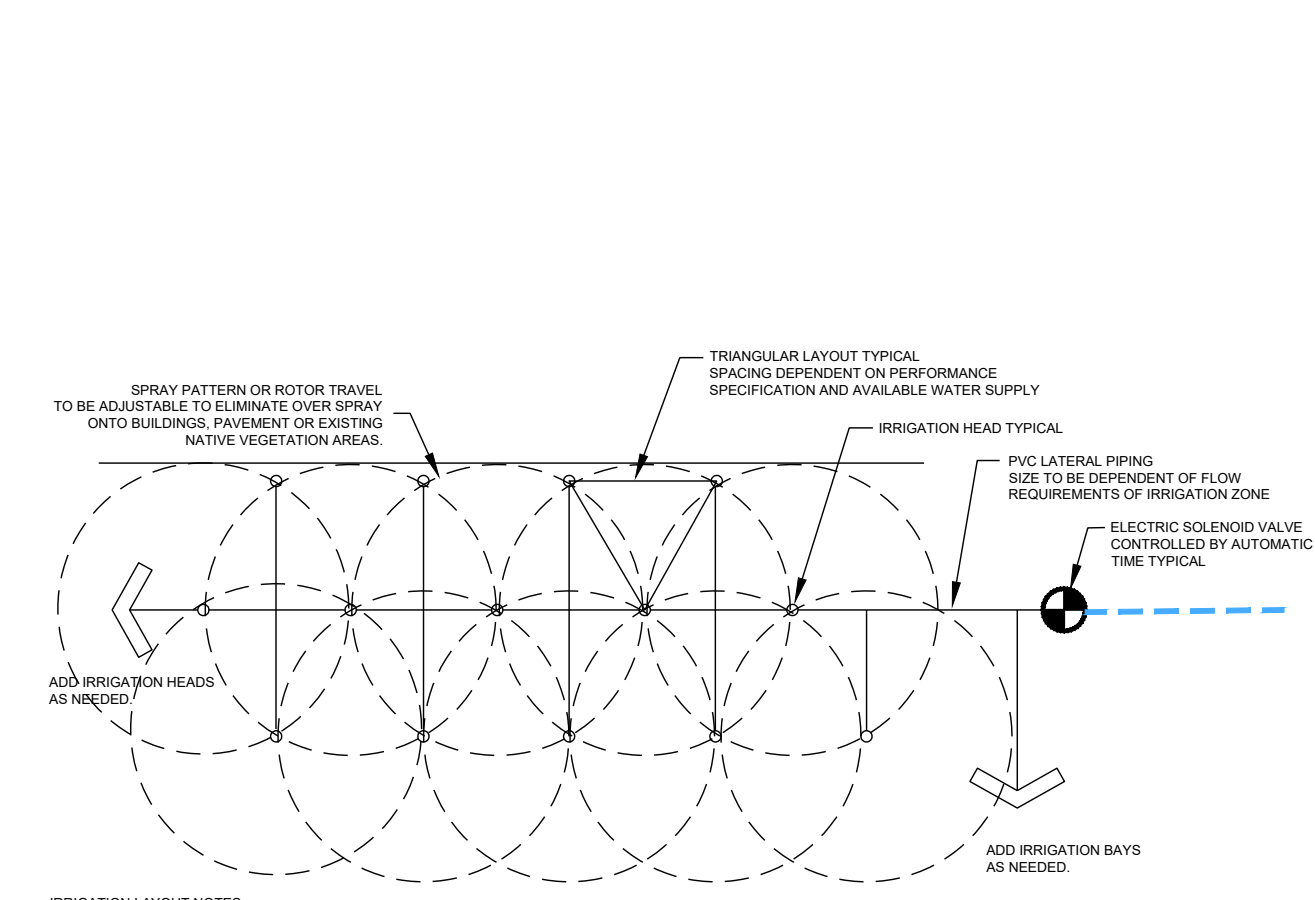
**SHEET 3 OF 3**

DATE: DECEMBER 2023

**PLANT SCHEDULE: SITE DEVELOPMENT PLAN**

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HT. AND SPR.	CALIPER	SPEC.	NATIVE
<b>TREES</b>								
	BB	1	Bucida buceras	Black Olive	16'-18' ht, 7' ct	4" cal. min.	7' sp.	No
<b>PALMS</b>								
	RE1	2	Roystonea elata	Florida Royal Palm	12' ct	Heavy	Specimen	Yes
	RE2	4	Roystonea elata	Florida Royal Palm	15' ct	Heavy	Specimen	Yes
<b>SHRUB AREAS</b>								
	CHR	16	Chrysobalanus icaco 'RT'	Red Tip Cocoplum	7 gal.	24" ht. min.	36" oc	Yes
	CLU	13	Clusia rosea 'PA'	Balsam Apple	7 gal.	24" ht. min.	36" oc	Yes
	MUH	42	Muhlenbergia capillaris	Pink Muhly Grass	3 gallon min.	24" ht. min.	36" oc	Yes
	PSY	49	Psychotria nervosa	Wild Coffee	7 gal.	24" ht. min.	36" oc	Yes
	SER	21	Serenoa repens 'C'	Silver Saw Palmetto	3 gallon min.	24" ht. min.	36" oc	Yes
	SPA	57	Spartina bakeri	Sand Cordgrass	3 gallon min.	24" ht. min.	36" oc	Yes

SOD, MULCH and ROOT BARRIER	CODE	QTY	DESCRIPTION
SOD	TBD		SOD ALL PROPOSED SOD BEDS TO MATCH EXISTING GOLF COURSE SOD, NOTED AS "SOD" ON PLAN.
BAHIA	TBD		ALL OTHER DISTURBED AREAS INCLUDING BUT NOT LIMITED TO RETENTION/DETENTION AREAS WITH PASPALUM NOTATUM - BAHIA - UNLESS OTHERWISE NOTED, CONTRACTOR SHALL CONFIRM SOD TYPE(S) AND VERIFY/SUBMIT QUANTITIES FOR AREAS THAT MAY BE UNIDENTIFIED AND/OR NOT LABELED ON PLAN.
MULCH	TBD		FORESTRY SERVICES COCO BROWN, OLD FLORIDA BLEND MULCH, OR APPROVED OTHER HARDWOOD MULCH NO CYPRESS MULCH PERMITTED SHREDDED, 3" THICK, ALL PLANT BEDS AND TREES RINGS (4") DIAMETER WITHIN SOD BEDS. CONTRACTOR TO VERIFY AND SUBMIT QUANTITIES.
ROOT	TBD		ROOT BARRIER TO BE INSTALLED AS NECESSARY. SEE DETAILS SHEET FOR INFORMATION. CONTRACTOR TO VERIFY AND SUBMIT QUANTITIES.



**TYPICAL SPRAY IRRIGATION ZONE DIAGRAM**

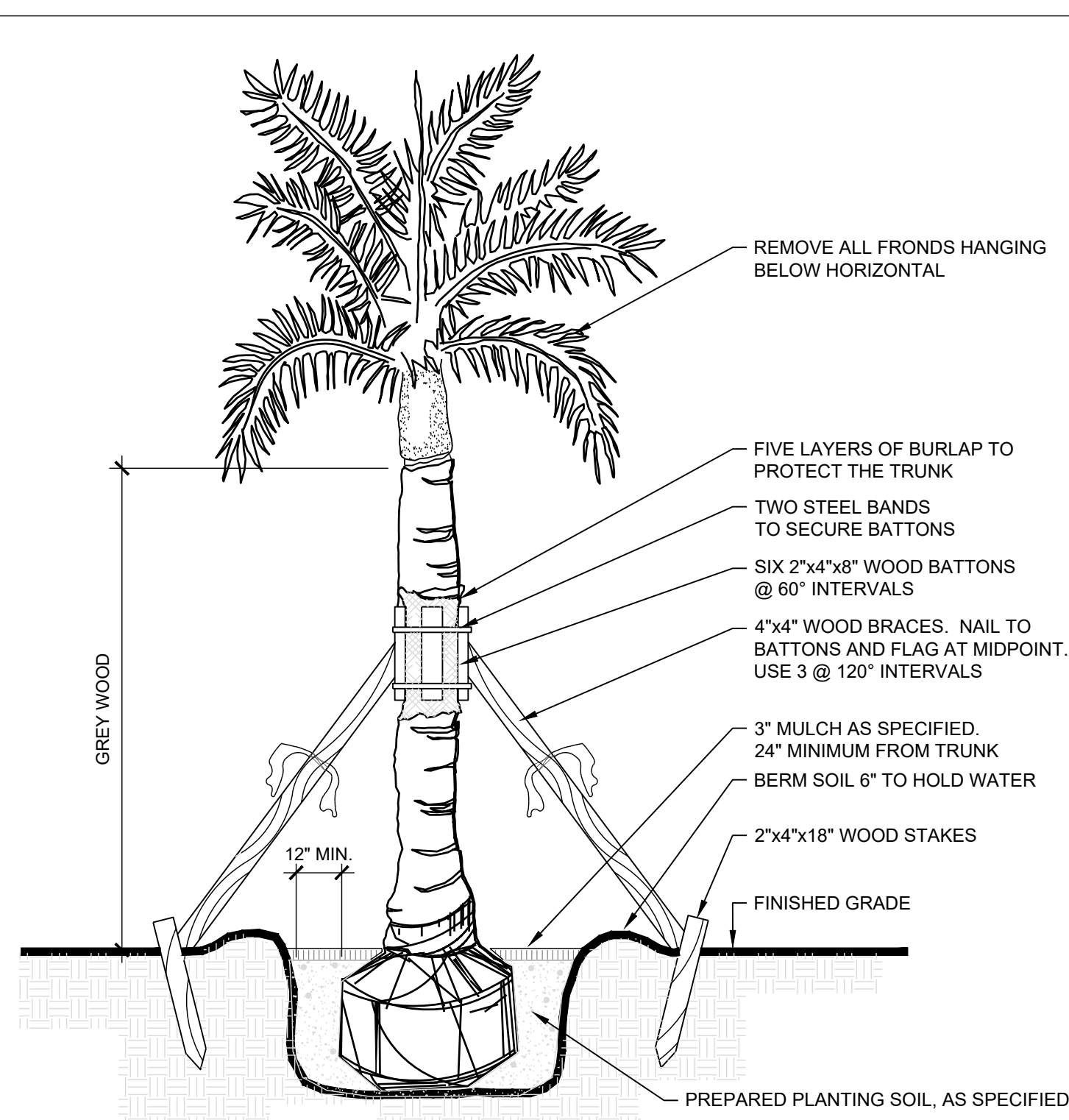
IRRIGATION LAYOUT NOTES:  
 1. ALL LAYOUTS TO USE TRIANGULAR HEAD TO HEAD SPACING TO ACHIEVE 100% COVERAGE OF REQUIRED AREA.  
 2. SPRAY TYPE HEADS AND ROTOR TYPE HEADS TO UTILIZE THE SAME SCHEMATIC ZONE LAYOUT PATTERN (TRIANGULAR). HEAD SPACING TO BE DETERMINED BY HEAD TYPE AND PERFORMANCE SPECIFICATIONS.  
 3. SPRAY ZONES AND ROTOR HEAD ZONES SHALL BE CONTROLLED SEPARATELY BY AUTOMATIC CONTROL. TIMER EQUIPPED WITH MINI-CLICK II RAIN SENSOR OR EQUIVALENT.

**LANDSCAPE INSTALLATION NOTES:**

- ALL PLANT MATERIAL MUST BE FLORIDA NO. 1.
- ALL PLANTS SHALL BE FERTILIZED WITH AGRIFORM 20-10-5 TABLETS AS PER THE MANUFACTURER'S SPECIFICATIONS IN CONJUNCTION WITH NOTE #3.
- THE PLANTING SOIL SHALL BE THE APPROXIMATE PROPORTIONS AS FOLLOWS: 50% SAND AND 50% ORGANIC MATERIAL CONSISTING OF NATIVE PEAT, WELL DECOMPOSED SAWDUST, LEAF MOLD AND TOP SOIL. IT SHALL PROVIDE A GOOD PLIABLE AND THOROUGHLY MIXED MEDIUM WITH ADEQUATE AERATION, DRAINAGE AND NUTRIENT CONTENT.
- AND WATER-HOLDING CAPACITY. IT SHALL ALSO BE FREE OF ALL EXTRANEOUS DEBRIS, SUCH AS ROOTS, STONES, WEEDS, ETC.
- A SET OF CONSTRUCTION DOCUMENTS AND/OR APPROVED CODE-REQUIRED PLANS SHALL BE ON SITE AT ALL TIMES.
- ALL UTILITIES, EASEMENTS, RIGHT-OF-WAY, OWNERSHIP, AND/OR OTHER SURVEY DATA SHALL BE VERIFIED BY THE GENERAL CONTRACTOR, SITE WORK CONTRACTOR, AND/OR LANDSCAPE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK.
- COMPLIANCE / PERMIT ACQUISITION AND/OR DISPLAY IS REQUIRED FOR CODE-RELEVANT REQUIREMENTS (SUCH AS, BUT NOT LIMITED TO: REMOVALS, TRIMMING, REPLACEMENT, ETC.).
- VERIFY PLANT QUANTITIES AND SPECIFICATIONS WITH THE LANDSCAPE ARCHITECT (ALSO REFERENCED AS "L.A." HEREINAFTER). NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY IF DISCREPANCIES ARE NOTED. PLANTING PLAN SHALL TAKE PRECEDENCE OVER 'PLANT LIST QUANTITIES.' THE L.A. RESERVES THE RIGHT FOR MATERIAL REJECTION IF THE INSTALLATION DOES NOT CORRESPOND TO THE PLANT LIST 'SPECIFICATION / REMARK'.
- PLANT MATERIAL IS TO BE FLORIDA GRADE #1 MINIMUM AND FLORIDA FANCY FOR PLANT MATERIAL SPECIFIED AS "SPECIMEN." TREES ARE TO BE CONSIDERED SINGLE TRUNK AND MEET THE MINIMUM STANDARD FOR CODE WITHIN THE APPLICABLE JURISDICTION.
- SIZES/SPECIFICATIONS ARE CONSIDERED MINIMUM. INSTALLATION MATERIAL IS TO MEET OR EXCEED THESE REQUIREMENTS - VERIFY ANY DISCREPANCY PRIOR TO MATERIAL PURCHASE, DELIVERY, AND/OR INSTALLATION.
- THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF PLANT MATERIAL WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION - CONTACT THE L.A. FOR SPECIFIC GUIDELINES. IF A SITE CONFLICT / POTENTIAL IS NOTED, NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO MATERIAL INSTALLATION. THE L.A. RESERVES THE RIGHT FOR MATERIAL RELOCATION IF THE INSTALLATION DOES NOT CORRESPOND TO THE PLANTING PLAN.
- THE LANDSCAPE CONTRACTOR AND/OR IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGED SITE UTILITIES, INFRASTRUCTURE, ETC. REPAIR / REPLACE SHALL BE A REQUIREMENT.
- VERIFY SITE REMOVALS, RELOCATIONS, AND/OR PROTECTED ITEMS PRIOR TO BID PREPARATION. THIS MAY INCLUDE BUT NOT BE LIMITED TO: SOD, SOIL, PLANT MATERIAL, STUMPS, ETC. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO COMPLETE WORK AS OUTLINED WITH THE PLANTING PLAN(S), SPECIFICATIONS, AND NOTES.
- QUANTITIES AND SPECIFICATION ARE SUBJECT TO ADJUSTMENT, RELOCATION, AND/OR REMOVAL DURING OR AFTER THE INSTALLATION AND SUBSEQUENT APPROVAL PROCESS BY THE L.A.
- CONTRACTOR AND / OR LANDSCAPE CONTRACTOR SHALL REMOVE ALL PROHIBITED EXOTIC(S) OR NUISANCE PLANTS AND IT SHALL BE MAINTAINED FREE OF EXOTICS IN PERPETUITY AS DEFINED BY THE LOCAL AGENCY(IES) WHICH SHALL SUPERCEDE STATE REQUIREMENTS; HOWEVER, THE FLORIDA EXOTIC PEST PLANT COUNCIL (FLEPPC) AND/OR UF-IFAS STANDARDS SHALL BE USED AS A DATABASE TO JUSTIFY REMOVALS IF NO LOCAL ORDINANCE/CODE REQUIREMENT EXISTS.
- THE LANDSCAPE CONTRACTOR SHALL EXECUTE PRUNING VIA A CERTIFIED ARBORIST AND USING STANDARDS AS ESTABLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. ALL PRUNING, UPON REQUEST, SHALL BE ADVISED BY THE L.A.
- TREES AND PALMS OVER 9' IN HEIGHT SHALL BE STAKED.
- THE LANDSCAPE CONTRACTOR AND/OR IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR:
  - PLANT WARRANTIES AND REPLACEMENTS, AS SPECIFIED WITHIN THEIR RESPECTIVE AGREEMENT(S)
  - PLANT MATERIAL MAINTENANCE UNTIL "SUBSTANTIAL COMPLETION"
  - PLANT MATERIAL PROTECTION ADEQUACY
  - SCOPE OF WORK VERIFICATION AND EXECUTION
  - COORDINATION OF ALL SUBCONTRACTOR(S)
  - THE OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR: 1- PROVIDING FINAL GRADE, SITE ACCESS, SECURITY OF THE SITE 2- CONTRACT REVIEW AND ACCEPTANCE OF TERMS 3- PLANT IRRIGATION MAINTENANCE COORDINATION 4- PAYMENT MILESTONES
- IRRIGATION SYSTEM REQUIRES BACK FLOW PREVENTION. ASSURE EXISTING BACK FLOW PREVENTION IS FUNCTIONAL AND/OR INSTALL A NEW BACK FLOW PREVENTION PER COUNTY REQUIREMENTS. CONTRACTOR SHALL FIELD VERIFY SIZE AND LOCATION.
- SOIL IN LANDSCAPE AREAS SHALL BE OF UNIFORM QUALITY, FREE FROM HARD CLOUDS, STIFF CLAY, HARD PAN, SODS, PARTIALLY DISINTEGRATED STONE, LIME, CEMENT, ASHES, SLAG, CONCRETE, TAR RESIDUES, TARRER PAPER, BOARDS, CHIPS, STICKS OR ANY OTHER UNDESIRABLE MATERIAL. IN NO CASE SHALL THERE BE MORE THAN 5% BY VOLUME OF STONES, COARSE SAND, GRAVEL OR CLAY LUMPS LARGER THAN ONE INCH (1") IN DIAMETER.

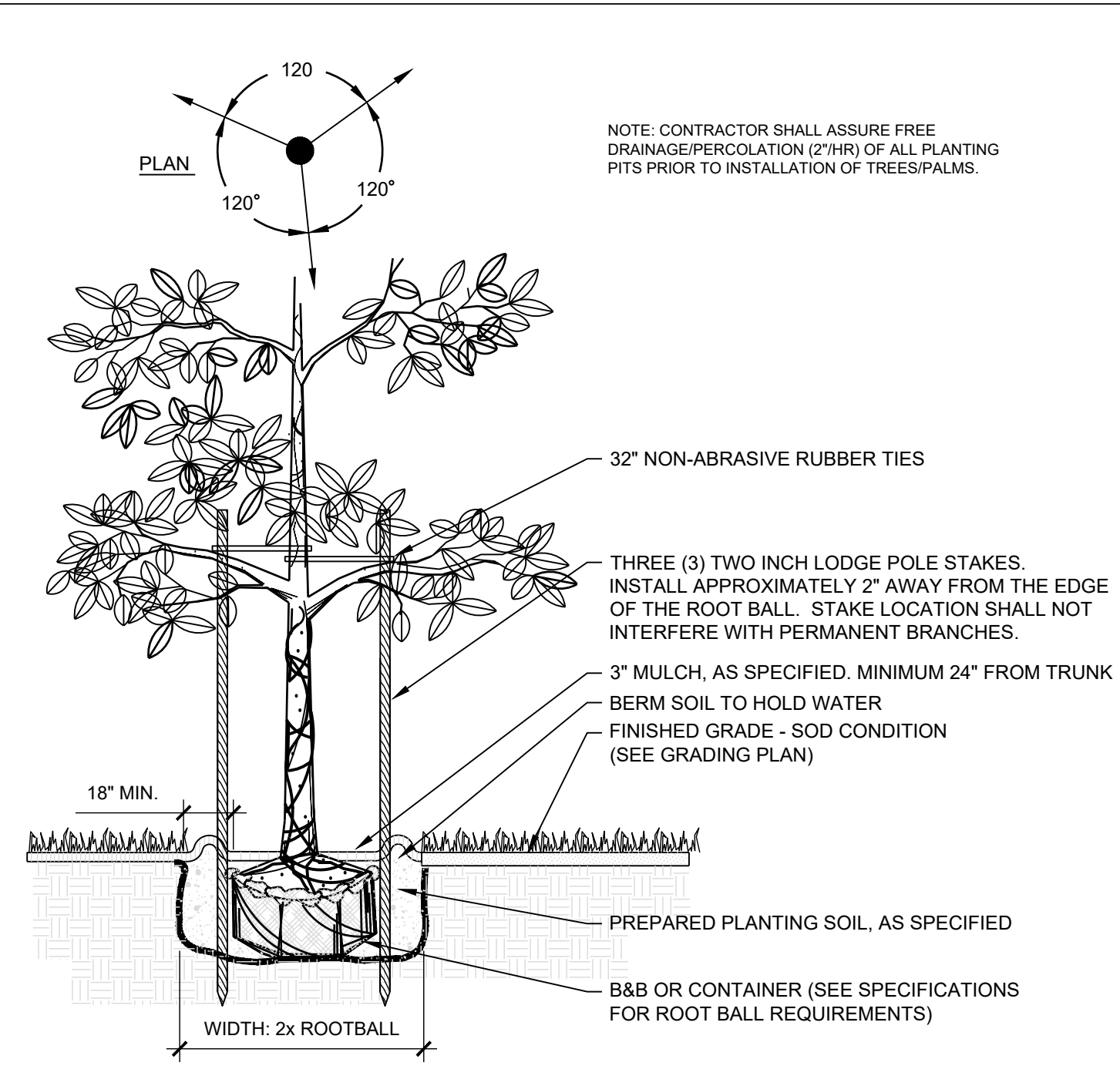
**IRRIGATION NOTES:**

- RETRO-FIT THE EXISTING IRRIGATION** TO MAINTAIN 100% IRRIGATION COVERAGE VIA AN EFFICIENT SYSTEM UTILIZING STANDARDS COMMON TO THE INDUSTRY.
- THE IRRIGATION SYSTEM IS TO BE CONTROLLED BY A RAIN AND/OR WIND SENSOR SWITCH CONNECTED TO THE SYSTEM CONTROLLER. THE LOCATION OF THE SYSTEM CONTROLLER IS TO BE VERIFIED AND COORDINATED AS NECESSARY TO PROVIDE ACCESS AND ELECTRICAL CONNECTION(S).
- VERIFY PUMP AND EQUIPMENT LOCATIONS WITH OWNER.
- IRRIGATION SLEEVING LOCATIONS INDICATED ARE DIAGRAMMATIC AND SERVE ONLY AS A GUIDE FOR INSTALLATION PURPOSES. IRRIGATION SLEEVING IS TO BE A MINIMUM OF SCHEDULE 40 PVC TWO TIMES THE SIZE OF IRRIGATION PIPE. THIS WORK IS TO BE COORDINATED BY THE GENERAL CONTRACTOR. SLEEVING SHALL BE CLEARLY MARKED, FLAGGED, OR OTHERWISE DELINEATED ABOVE GRADE TO AVOID DAMAGE AND PROVIDE EASE OF LOCATION FOR FUTURE USE. SLEEVING SHALL BE UTILIZED IN AREAS WHERE PIPING MUST CROSS A GREATER THAN 5' WIDTH, SUCH AS ROADS AND WALKS.
- IRRIGATION CONTRACTOR TO VERIFY ALL SLEEVING LOCATIONS WITH THE OWNER / DEVELOPER / GENERAL CONTRACTOR PRIOR TO INSTALLATION OF ALL SUBSURFACE AND PROPOSED IMPERVIOUS SURFACES. THIS IRRIGATION PLAN IS CONCEPTUAL FOR CODE MINIMUM PURPOSES AND WILL NEED FURTHER DETAILING UPON FINALIZING CONTRACTS FROM A SELECTED IRRIGATION DESIGNER / LANDSCAPE ARCHITECT OF CHOICE.
- AVOID OVERSPRAY ON PAVEMENT, BUILDINGS, ETC. UTILIZE PRESSURE-COMPENSATING HEADS FOR ELIMINATION OF AEROSOL SPRAY (THIS IS A STANDARD FEATURE OF INST, HUNTER SPRAY HEADS).
- THE DESIGN IS BASED UPON THE FOLLOWING OPERATING PARAMETERS: 60 GPM MAX. AND 40 PSI MIN.-60 PSI MAX.
- PIPE SIZING SHALL BE DETERMINED BY THE FRICTION LOSS METHOD AND WATER VELOCITY SHALL NOT EXCEED 5 CUBIC FEET PER SECOND.
- CONSTANT PRESSURE PIPING SHALL BE SCH 40 PVC.
- THE IRRIGATION CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS AND MATERIAL CUT SHEETS UPON INSTALLATION COMPLETION AND AS A TERM OF FINAL ACCEPTANCE. THIS COST SHALL BE ACCOMMODATED IN THE BID.
- ZONES SHALL BE MARKED IN THE CONTROLLER BOX AND CORRESPONDING VALVES SHALL HAVE AFFIXED TO THE VALVE COVER A WATERPROOF, FADE-RESISTANT TAG.
- VERIFY INSTALLATION AND PARTS WARRANTY PRIOR TO CONTRACT EXECUTION.
- IRRIGATION HEADS IN PLANTING BEDS SHALL BE 12" POP-UP MINIMUM AND 8" POP-UP MINIMUM IN SOD AREAS. RISERS, IF INSTALLED, SHALL BE BLACK PVC CONSISTENT WITH LATER PIPING. VERIFY REMAINING TYPE(S), IF NECESSARY. INSTALL QUICK COUPLERS AS REQUIRED OR AS NOTED.
- THIS SYSTEM SHALL BE AUTOMATED, PROVIDE A MOISTURE SENSING DEVICE, AND WILL AVOID THE APPLICATION (OR INDIRECT RUNOFF OF IRRIGATION WATER) OF WATER TO IMPERVIOUS AREAS.
- THIS SYSTEM SHALL UTILIZE BUBBLERS ON THE REQUIRED TREES.
- THE IRRIGATION METER IF REQUIRED SHALL BE SUPPLIED BY THE GENERAL CONTRACTOR.
- IRRIGATION SYSTEM REQUIRES BACK FLOW PREVENTION. ASSURE EXISTING BACK FLOW PREVENTION IS FUNCTIONAL AND/OR INSTALL A NEW BACK FLOW PREVENTION PER COUNTY REQUIREMENTS. CONTRACTOR SHALL FIELD VERIFY SIZE AND LOCATION.
- IRRIGATION LINES, HEADS, AND COMPONENTS SHALL NOT BE INSTALLED WITHIN THE ROW WITHOUT A COUNTY APPROVED LANDSCAPE MAINTENANCE AGREEMENT (LMA).
- PER DEPARTMENT OF HEALTH 64E-9.004 (E.) LANDSCAPE IRRIGATION WATER THAT WETS THE WET DECK AREA OF THE POOL, THE POOL ITSELF, ENTERS THE COLLECTOR TANK, OR WETS AN INTERACTIVE WATER FEATURE MUST BE POTABLE WATER FROM A PUBLIC WATER SYSTEM OR SHALL MEET THE BACTERIOLOGICAL QUALITY OF POTABLE WATER AS EVIDENCED BY ANNUAL LABORATORY ANALYSIS SUBMITTED TO THE DEPARTMENT. RECLAIMED WATER MAY NOT BE USED IN THESE AREAS. IF RECLAIMED WATER IS USED IN THE VICINITY OF THE POOL (INSIDE OF THE POOL FENCE OR WITHIN 100 FEET OF THE POOL WATER'S EDGE) IT MUST EMPLOY DRIP IRRIGATION OR SOAKER HOSES. SIGNS SHALL BE POSTED NOTIFYING POOL PATRONS THAT RECLAIMED WATER IS IN USE, AND IS NOT TO BE CONSUMED.
- ALL TURF AREAS CONSISTING OF ST. AUGUSTINE, ZOYSIA, OR BERMUDA GRASS LABELED AS "SOD" SHALL BE IRRIGATED. ALL RETENTION, DETENTION, AND/OR AREAS LABELED AS "BAHIA" ON THE PLAN DO NOT REQUIRE IRRIGATION UNLESS OTHERWISE SPECIFIED.

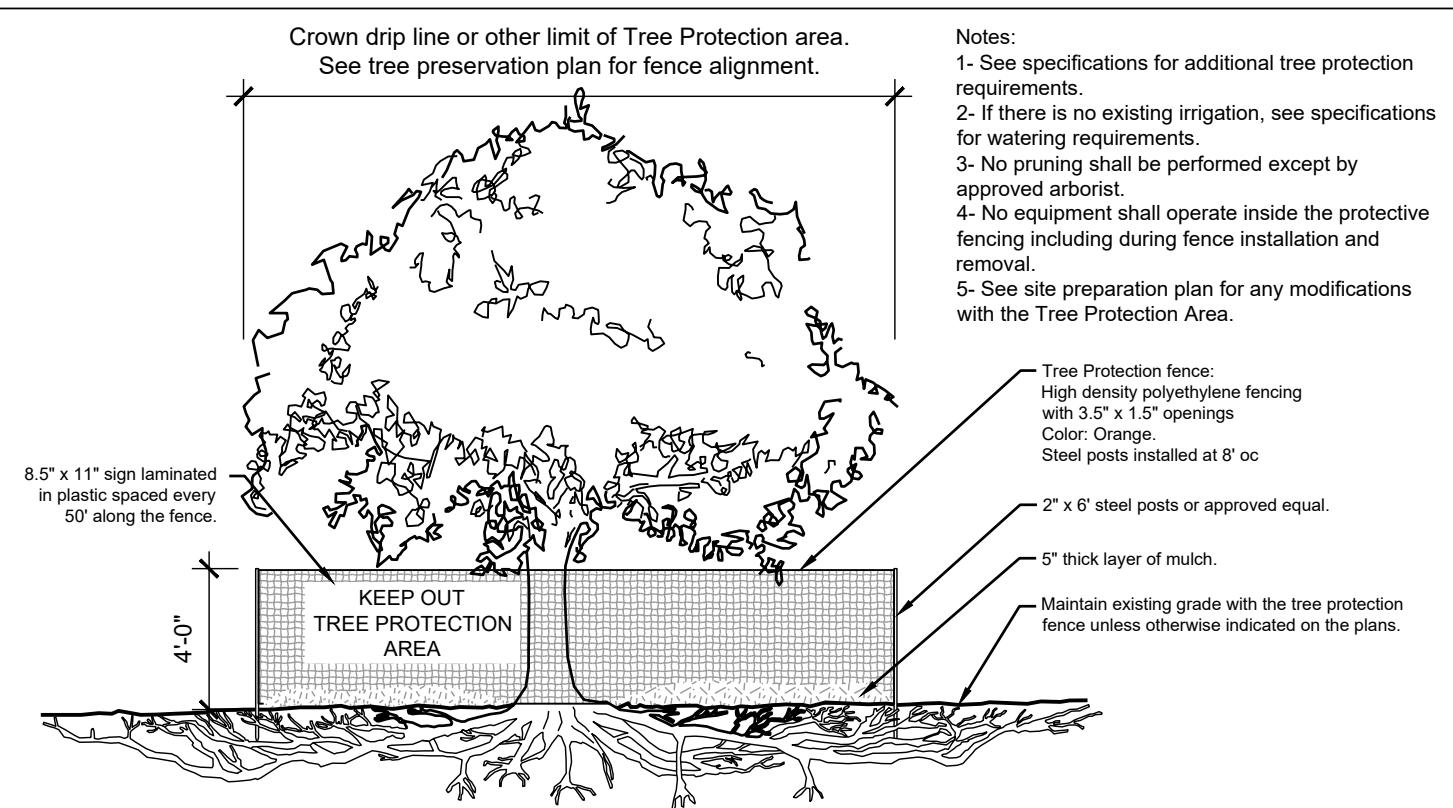


**PALM STAKING DETAIL**

NOTE: CONTRACTOR SHALL ASSURE FREE DRAINAGE/PERCOLATION (2"HR) OF ALL PLANTING PITS PRIOR TO INSTALLATION OF TREES/PALMS.

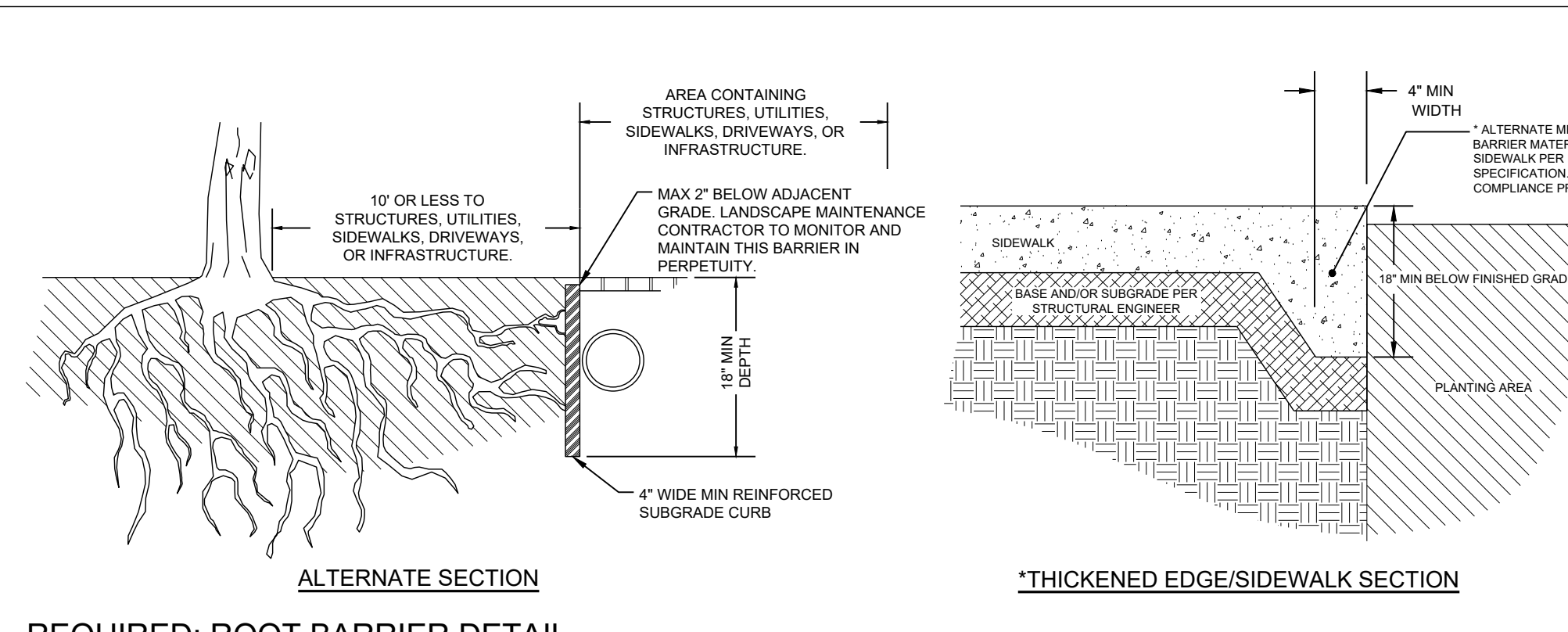


**SMALL TREE STAKING - LODGE POLES (3)**



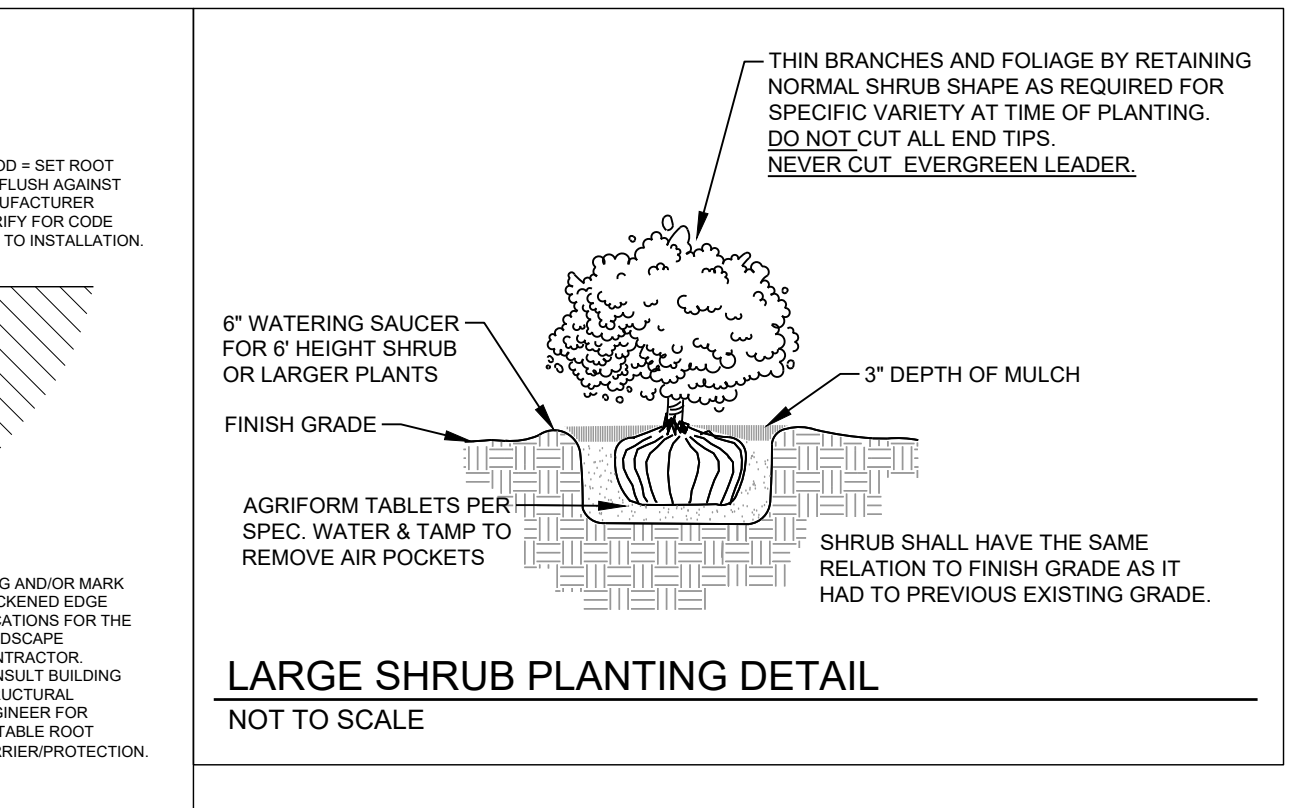
**TREE PROTECTION ZONE (TPZ) DETAIL**

NOT TO SCALE



**REQUIRED: ROOT BARRIER DETAIL**

NOTE: THE LANDSCAPE ARCHITECT SHALL BE HELD HARMLESS FROM ANY FUTURE ROOT DAMAGE TO CURBS, SIDEWALKS, UTILITIES, ROADWAYS OR BUILDINGS. OWNER SHALL TAKE FULL RESPONSIBILITY FOR REPLACING ENCRoACHING ROOT SYSTEMS BY EITHER ADDING ROOT BARRIERS UPON THEIR DISCRETION OR REMOVING ENCRoACHING TREES PRIOR TO DISRUPTION AND REPLACING WITH IN-KIND COPY MINIMUM REQUIRED TREES IN THEIR PLACE.



**LARGE SHRUB PLANTING DETAIL**

NOT TO SCALE

G:\LANDSCAPE\HHSBC - HIDEAWAY BEACH\HIDEAWAY BEACH\HIDEAWAY BEACH\HIDEAWAY BEACH\SDP LADWG 2/20/2024 3.52 PM