

PROJECT TEAM

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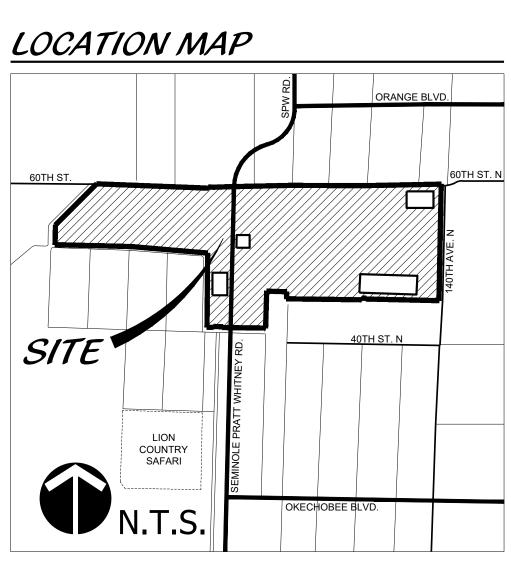
Health Club at Westlake Plaza

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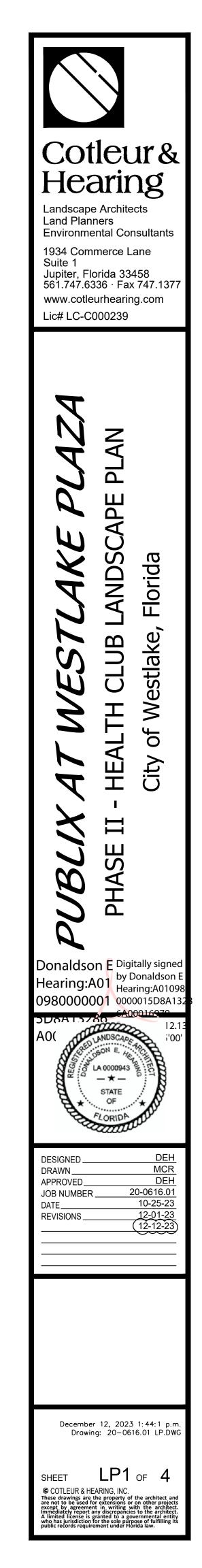
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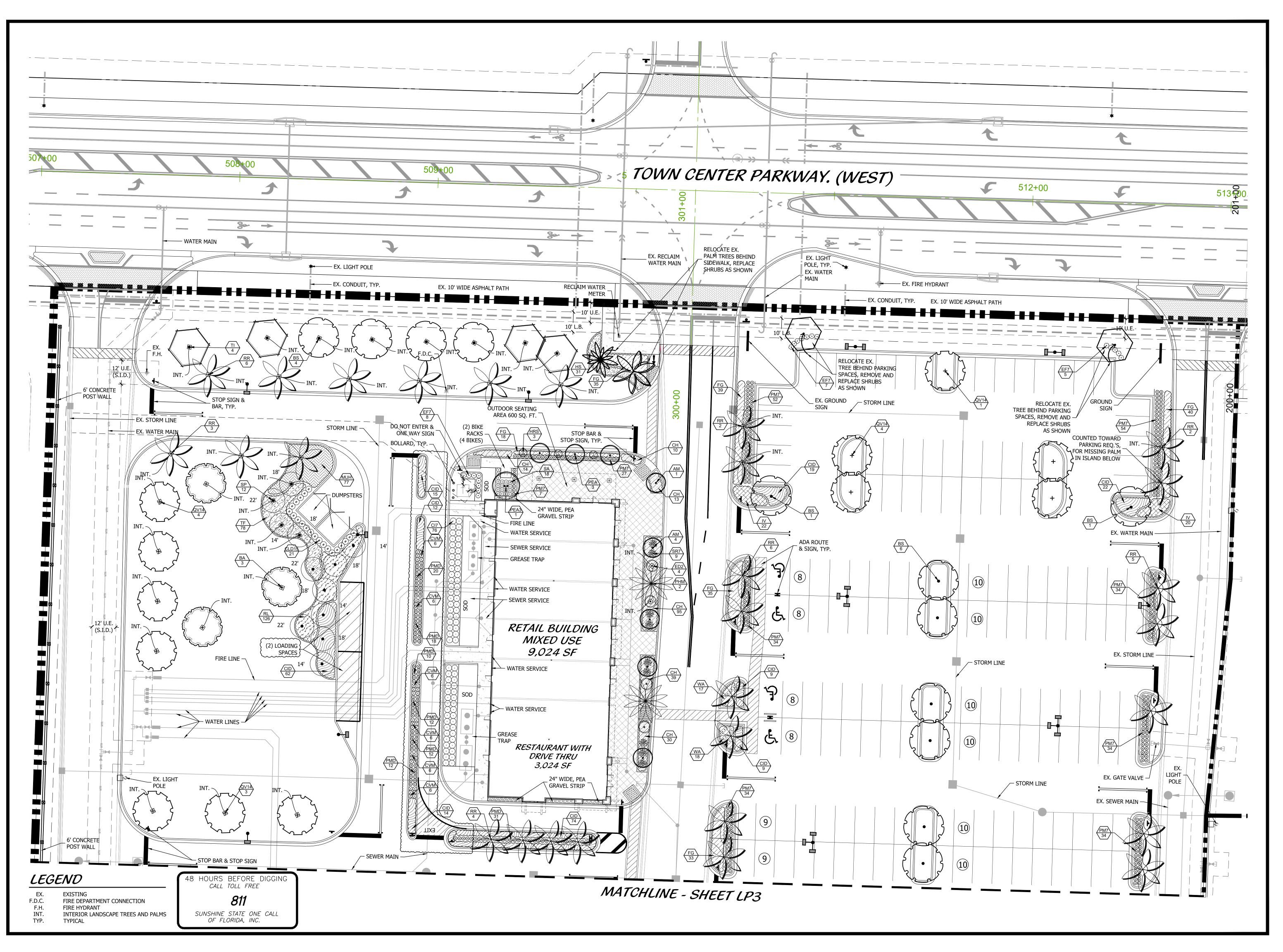




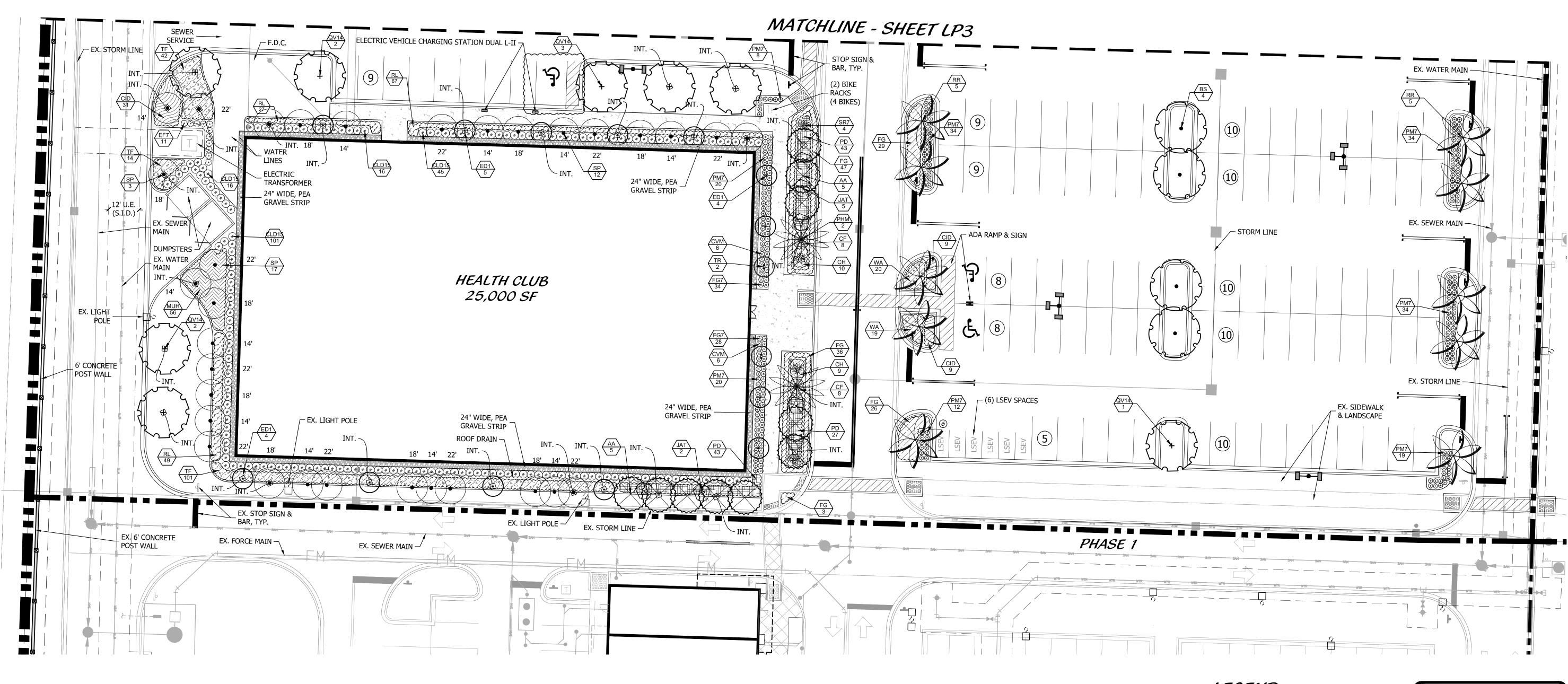












EX.	EXISTING
F.D.C.	FIRE DEPARTMENT CONNECTION
F.H.	FIRE HYDRANT
INT.	INTERIOR LANDSCAPE TREES AND PALMS
TYP.	TYPICAL

48 HOURS BEFORE DIGGING CALL TOLL FREE 811 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Cot Cot Head Landscape Land Plant Environme 1934 Com Suite 1 Jupiter, Flo 561.747.63 www.cotle Lic# LC-CO	Archite ners ental Cor merce L orida 33 336 · Fay urhearin	nsultants ane 458
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DESIGNED DRAWN APPROVED JOB NUMBER DATE REVISIONS 	2	DEH MCR DEH 20-0616.01 10-25-23 12-01-23 (12-12-23)
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LANDSCAPE SPECIFICATIONS

1. GENERAL LANDSCAPE REQUIREMENTS

LANDSCAPE CONTRACT WORK INCLUDES, BUT IS NOT LIMITED TO, SOIL PREPARATION, FINE OR FINISH GRADING, FURNISHING AND INSTALLING PLANT MATERIAL, WATERING, STAKING, GUYING AND MULCHING. PLANT SIZE AND QUALITY

TREES, PALMS, SHRUBS, GROUNDCOVERS:

PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS, NOMENCLATURE SHALL CONFORM TO STANDARD PLANT NAMES

1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. TIGHTLY KNIT PLANT, SO TRAINED OR FAVORED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND IT IS STANDINGLY SUPERIOR IN FORM, NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY. ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND FREE OF DISEASE AND INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES AND PALMS FOR PLANTING ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT. THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY AND FLORIDA NUMBER 1.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION.

AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE

STANDARD PLANTING MIXTURE SHALL BE AS PER THE SDM SOIL NOTES, THIS REPLACEMENT SOIL SHALL BE USED AS SPECIFIED TO REPLACE EXISTING SOILS THAT ARE DETERMINED BY THE LANDSCAPE ARCHITECT TO BE UNSUITABLE FOR PLANTING, IE. ROAD BASE, PAVEMENT, ETC. REFER TO THE SDM SOIL

NOTES, THIS PAGE, FOR PLANTING SOIL MIX SPECIFICATIONS

MULCH SHALL BE COCO BROWN DYED B GRADE MULCH. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3", EXCEPT AS WITHIN 6" OF PLANT STEMS.

FERTILIZER IN BACKETLL MIXTURE FOR ALL PLANTS SHALL CONSIST OF MILORGANITE ACTIVATED SLUDGE MIXED WITH THE BACKFILL AT A RATE OF NOT LESS THAN 50 LBS. PER CUBIC YARD.

FERTILIZER FOR TREES AND SHRUBS SHALL UTILIZE AN 8-2-12+4 ANALYSIS, PLUS MICRO NUTRIENTS. 100 PERCENT OF THE (N) NITROGEN, (K) POTASSIUM, (MG) MAGNESIUM, AND (B) BORON MUST BE IN CONTROLLED RELEASE FORM. HE (MN) MANGANESE AND (FE) IRON SOURCES MUST BE WATER SOLUBLE (SUI FATED OR CHELATED)

FERTILIZER WILL BE APPLIED PER THE MANUFACTURERS RECOMMENDATIONS. "FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT THE RATE RECOMMENDED BY THE MANUFACTURER. FIELD GROWN TREES AND PALMS PREVIOUSLY ROOT PRUNED SHALL OBTAIN A ROOT BALL WITH SUFFICIENT ROOTS FOR CONTINUED GROWTH WITHOUT RESULTING SHOCK.

CONTRACTOR SHALL NOT MARK OR SCAR TRUNK IN ANY FASHION. PLANTS SHALL BE WATERED AS NECESSARY OR WITHIN 24 HOURS AFTER

NOTIFICATION BY THE LANDSCAPE ARCHITECT. THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN

FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT. ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF

INSTALLATION. ALL TREES MUST BE STAKED AS SHOWN ON THE PLANTING DETAILS WITHIN 24 HOURS OF PLANTING. STAKES TO REMAIN FOR A MINIMUM OF 9 MONTHS, BUT NO LONGER THAN 18 MONTHS. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF THE STAKES.

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT

ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT ACCEPTABLE.

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER AND A TREE BAR. THE LANDSCAPE CONTRACTOR SHALL WATER MULCH WEED PRUNE AND

OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. HALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED

THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR DEBRIS CAUSED BY HIS CREWS DURING THE PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SITE.

UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY TEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL, SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK REPRESENTED IN THIS PLAN SET.

2. PLANTING TREES

EXCAVATE PIT AS PER PLANTING DETAILS. BACKFILL AROUND BALL WITH PLANTING SOIL MIX AS PER THE SDM SOIL

THIS PAGE, AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF THE PLANTING SOIL MIX BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH EXCEPT WITHIN 6" OF TRUNK.

PRUNE TREE TO REMOVE DAMAGED BRANCHES ONLY. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER. GUY AND STAKE TREE IN ACCORDANCE WITH THE STAKING DETAILS IMMEDIATELY AFTER PLANTING.

3. PLANTING SHRUBS

LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN

EXCAVATE PIT OR TRENCH TO 1-1/2 TIMES THE DIAMETER OF THE BALLS OR ONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS FOR POSITIONING AT PROPER HEIGHT. BACKFILL AROUND PLANTS WITH PLANTING SOIL MIX AS PER THE SDM SOIL NOTES, THIS PAGE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH EXCEPT WITHIN 6" OF STEMS.

4. PLANTING GROUND COVER

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED AND SPREAD SMOOTH. PACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW SPREADING OF ROOTS. COMPACT BACKFILL TO ELIMINATE VOIDS AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY.

APPLY 3" OF MULCH OVER ENTIRE PLANTING BED, LIFTING PLANT FOLIAGE DURING PERIODS OF HOT SUN AND/OR WIND AT TIME OF PLANTING, PROVIDE PROTECTIVE COVER FOR SEVERAL DAYS OR AS NEEDED.

5. PLANTING LAWNS

SODDING: SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING.

LOOSEN SUBGRADE TO DEPTH OF 4" AND GRADE WITH TOPSOIL EITHER PROVIDED ON SITE OR IMPORTED STANDARD PLANTING MIX TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY, BUT DO JOT CREATE MUDDY SOIL CONDITION.

FERTILIZE SOIL AT THE RATE OF APPROXIMATELY 10 LBS. PER 1,000 S.F. SPREAD FERTILIZER OVER THE AREA TO RECEIVE GRASS BY USING AN APPROVED DISTRIBUTION DEVICE CALIBRATED TO DISTRIBUTE THE APPROPRIATE QUANTITY. DO NOT FERTILIZE WHEN WIND VELOCITY EXCEEDS 15 M.P.H. THOROUGHLY MIX FERTILIZER INTO THE TOP 2" OF TOPSOIL.

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED PLANTING SOIL MIX AS PER THE SDM SOIL NOTES, THIS PAGE, INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE STAKED IN PLACE. ROLL OR STAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER

6. MISCELLANEOUS LANDSCAPE WORK

LANDSCAPE MAINTENANCE MAINTAIN LANDSCAPE WORK UNTIL FINAL ACCEPTANCE IS ISSUED BY THE OWNER'S

REPRESENTATIVE. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZING AND SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT MATERIAL. PLANT MATERIAL SUBSTITUTION

NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT AUTHORIZATION FROM THE LANDSCAPÉ ARCHITECT PLANTING BED PREPARATION

ALL PLANTING BEDS SHALL BE PROPERLY PREPARED PRIOR TO THE COMMENCEMENT OF ANY PLANTING. PLANTING AREAS, INCLUDING LAWNS SHALL BE FREE OF ALL WEEDS AND NUISANCE VEGETATION. IF TORPEDO GRASS (PANICUM REPENS) IS PRESENT OR ENCOUNTERED DURING PLANTING, THE LANDSCAPE CONTRACTOR SHALL STOP ALL PLANTING UNTIL IT CAN BE DEMONSTRATED THAT IT HAS BEEN COMPLETELY REMOVED OR ERADICATED. THERE SHALL BE NO EXCEPTIONS TO THIS PROVISION.

ALL LANDSCAPE ISLANDS AND BEDS WILL BE FREE OF SHELL ROCK AND CONSTRUCTION DEBRIS AND WILL BE EXCAVATED TO A DEPTH OF 30 INCHES OR TO CLEAN, NATIVE SOIL AND FILLED WITH THE PLANTING SOIL MIX AS PER THE SDM SOIL NOTES, THIS PAGE. LANDSCAPE WARRANTY

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF CONDITIONAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE ARCHITECT. AT THE TIME OF CONDITIONAL ACCEPTANCE, THE TWELVE (12) MONTH PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED OR DECLINED TO THE POINT WHERE THEY NO LONGER MEET FLORIDA #1 CONDITION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM ACTS OF GOD SUCH AS LIGHTNING, VANDALISM, AND AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS UP TO THE FINAL ACCEPTANCE, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A

IRRIGATION

DIFFERENT ARRANGEMENT.

ALL LANDSCAPED AREAS (INCLUDING SOD AREAS) SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC SPRINKLER SYSTEM PROVIDING 100 PERCENT COVERAGE. LANDSCAPE INSTALLATION SHALL NOT OCCUR UNTIL THE IRRIGATION SYSTEM IS OPERATIONAL, UNLESS THE OWNER, THE OWNER'S REPRESENTATIVE, OR THE PROJECT LANDSCAPE ARCHITECT GRANTS APPROVAL.

GENERAL LANDSCAPE NOTES

ALL LANDSCAPING AND ABOVE GROUND STRUCTURES SHOWN HEREON ARE DESIGNED AND ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SEMINOLE IMPROVEMENT DISTRICT (S.I.D.) STREETSCAPE STANDARDS.

ALL PROPOSED PLANT MATERIAL SHALL BE FLORIDA NUMBER 1 OR BETTER AS DESCRIBED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICE ALL PLANTED AREAS SHALL RECEIVE A 3" LAYER OF MULCH.

ALL PLANT MATERIAL SHALL BE PRUNED, IF NEEDED, TO ACHIEVE THE SHAPE AND FORM CHARACTERISTIC TO THEIR DESIGN INTENT. PRUNING TO BE IN STRICT ACCORDANCE WITH ISA STANDARDS. ALL SOD OR SEED SHALL BE CERTIFIED (IF APPLICABLE) AND WEED AND INSECT FREE.

VEGETATION REMOVAL PERMITS ARE REQUIRED PRIOR TO REMOVING, CLEARING OR STRIPPING ANY VEGETATION FROM THE PROPERTY. AT THE TIME OF BUILDING PERMIT, THE APPLICANT SHALL EXECUTE HOLD HARMLESS AGREEMENTS WITH ALL APPLICABLE UTILITIES FOR LANDSCAPING WITHIN UTILITY EASEMENTS.

THE LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR CHANGES WITHOUT THE AUTHORIZATION OF S.I.D., THE OWNER AND THE LANDSCAPE ARCHITECT.

THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE AND UTILITY PLANS PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND

UTILITIES PRIOR TO COMMENCING WORK. CALL SUNSHINE ONE CALL SERVICE FOR UNDERGROUND UTILITY LOCATIONS 48 HOURS PRIOR TO ANY EXCAVATION OF DIGGING 1-800-432-4470.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED TO PERFORM LANDSCAPE WORK. CONTRACTOR SHALL COORDINATE THE PLANTING AND TRIMMING O

STREET TREES TO ENSURE FULL VISIBILITY TO TRAFFIC CONTROL AND SAFETY

TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SIGNAGE AND SITE LIGHTING. LARGER TREES WILL BE PROVIDED AT INTERSECTIONS WHERE DEEMED NECESSARY BY S.I.D. DESIGN REQUIREMENTS.

ANY PLANT MATERIAL PLANTED WITHIN SAFE SIGHT DISTANCE TRIANGLES SHALL BE MAINTAINED IN A WAY THAT PROVIDES UNOBSTRUCTED VISIBILITY AT A LEVEL BETWEEN 30" AND 8' ABOVE THE PAVEMENT SURFACE OF THE ADJACENT

VEGETATION LOCATED WITHIN SAFE SIGHT DISTANCE TRIANGLE AREAS SHALL BE TRIMMED SO THAT NO CANOPY LIMBS OR FOLIAGE EXTEND INTO REQUIRED VISIBILITY AREA.

ALL ABOVE GROUND UTILITIES I.E. TRANSFORMERS, SWITCH BOXES, AC CONDENSERS AND ALIKE SHALL BE FULLY SCREENED FROM VIEW ON THREE SIDES WITH LANDSCAPING. THE LANDSCAPING SHALL TO THE TALLEST POINT OF SAID EQUIPMENT AT TIME OF PLANTING LOCAL UTILITY AND FIRE RESCUE CLEARANCE ZONES SHALL BE PROVIDE AROUND ALL ABOVE GROUND OR AT GRADE METERS AND EQUIPMENT. ALL TREES SHALL BE LOCATED WITHIN A MULCH PLANTING BED WITH A $\,$ MINIMUM OF TWO (2) FEET OF CLEARANCE TO THE EDGE OF THE BED. ALL SOD SHALL BE STENOTAPHRUM SECONDATUS FLORITAM-PALMETTO (ST. AUGUSTINE SOD) UNLESS OTHERWISE NOTED ON PLANS.

TYPE D, E OR F RAISED CONCRETE CURBING SHALL BE PROVIDED AROUND ALL PLANTING ISLANDS WITHIN VEHICULAR USE AREAS. ALL TREES PLANTED UNDER OR ADJACENT TO FPL POWER LINES WILL COMPLY WITH THE FPL RIGHT TREE IN THE RIGHT PLACE GUIDELINES (REV 5/95) ALL TREES AND PALMS SHALL BE STAKED/GUYED IN ACCORDANCE WITH THE SPECIFICATIONS AND PLANTING DETAILS.

STREET TREE LOCATIONS SHALL BE COORDINATED WITH DRIVEWAYS, STREET LIGHTS, UTILITIES AND FIRE HYDRANTS.

THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 100% OVERLAP COVERAGE TO ALL LANDSCAPE AND SOD AREAS. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SENSOR/CUT OFF SWITCH IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. ALL LANDSCAPE ISLANDS SHALL INCORPORATE THE INSTALLATION OF MOUNDING OF NATIVE SOILS A MINIMUM OF SIX INCHES (6") ABOVE THE TOP OF CURB. ROYAL PALM TREES WITHIN THE ROW SHALL BE REGULARLY MAINTAINED AND TRIMMED SO FRONDS DO NOT FALL ONTO ROADWAYS.

ALL LANDSCAPE ISLANDS AND MEDIANS SHALL BE EXCAVATED TO A DEPTH OF 30" MINIMUM AND BACKFILLED WITH THE PLANTING SOIL MIX AS SDM SOIL NOTES, THIS CLEARANCE BETWEEN LANDSCAPE AND UTILITIES WILL BE REVIEWED BY SEMINOLE IMPROVEMENT DISTRICT.

REFER TO THE SDM SOIL NOTES, THIS PAGE, FOR STANDARD PLANTING SOIL MIX SPECIFICATIONS. MAINTAIN A 12" MIN. PLANT MATERIAL SETBACK FROM CURBS ADJACENT TO ALL VEHICULAR AND PEDESTRIAN AREAS.

ROOT BARRIER NOTES

TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON SEMINOLE IMPROVEMENT DISTRICT (S.I.D.) STREETSCAPE STANDARDS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS FROM S.I.D. UTILITIES. TREES MAY BE FIELD ADJUSTED TO AVOID CONFLICTS WITH DRIVEWAYS AND UNDERGROUND UTILITIES. IN ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE PLANTING DETAILS SHOW HEREIN.

ADDITIONALLY, LARGE TREES OR PALMS ARE TO BE INSTALLED WITH A TEN FOOT (10') SEPARATION FROM ANY WATER OR SEWER MAIN AND/OR SERVICE, HYDRANTS AND LIFT STATIONS. IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE SHALL BE INSTALLED WITH A ROOT BARRIER SYSTEM. REFER TO THE "ROOT BARRIER" DETAIL FOR INSTALLATION REQUIREMENTS. HOWEVER, IN NO CASE SHALL TREE ENCROACH INTO A SID UE WITHOUT PRIOR SID APPROVAL AND ONLY SOD CAN BE INSTALLED WITHIN 7.5' OF A FIRE HYDRANT UNLESS OTHERWISE APPROVED BY THE FIRE MARSHALL.

ALL LANDSCAPING AND ABOVE GROUND STRUCTURE SHOWN HEREIN ARE DESIGNED AND ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SEMINOLE IMPROVEMENT DISTRICT STANDARDS.

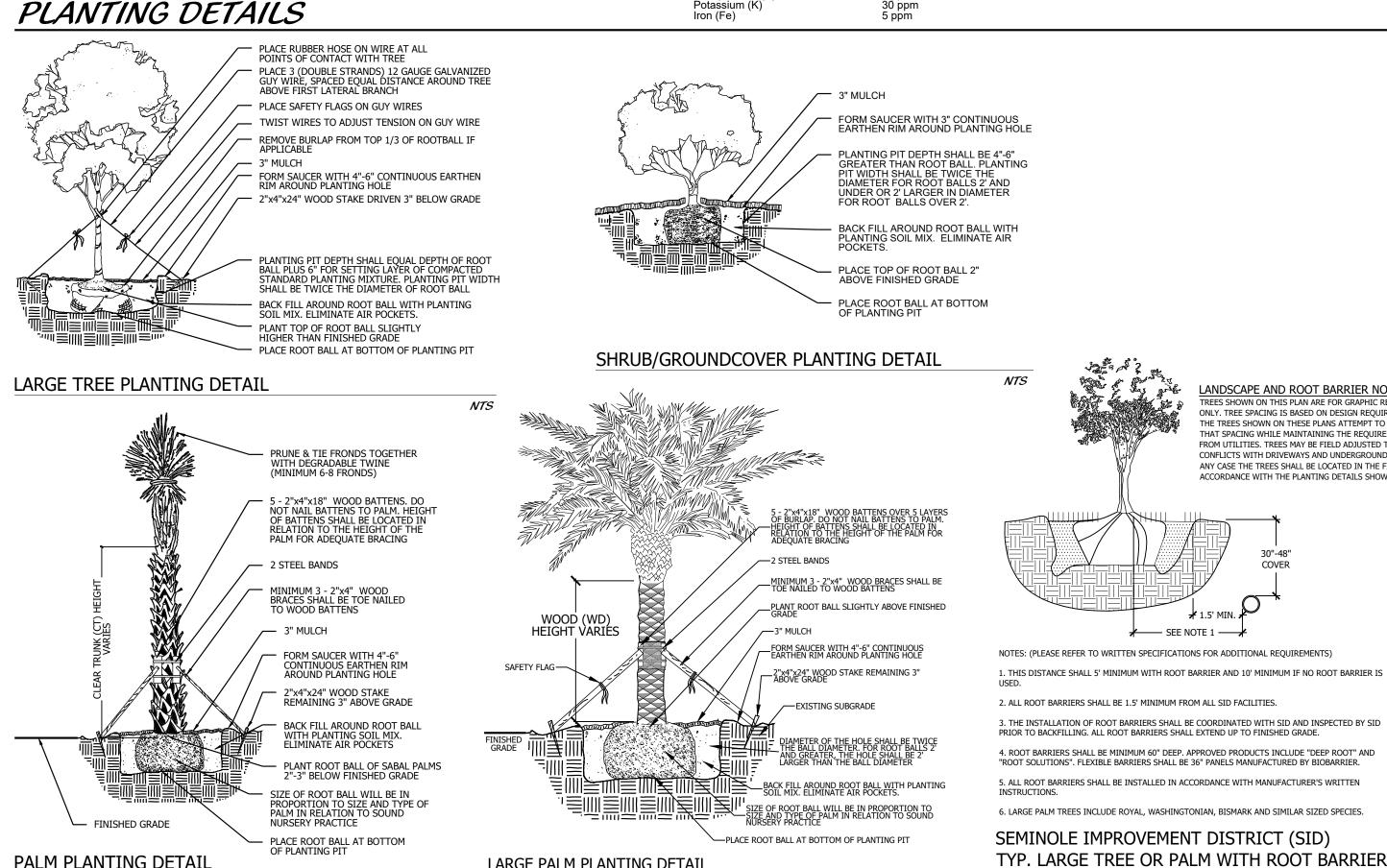
ROYAL PALM TREES PLANTED WITHIN RIGHT OF WAYS SHALL BE REGULARLY MAINTAINED SO THAT FRONDS DO NOT FALL INTO THE RIGHT OF WAY.

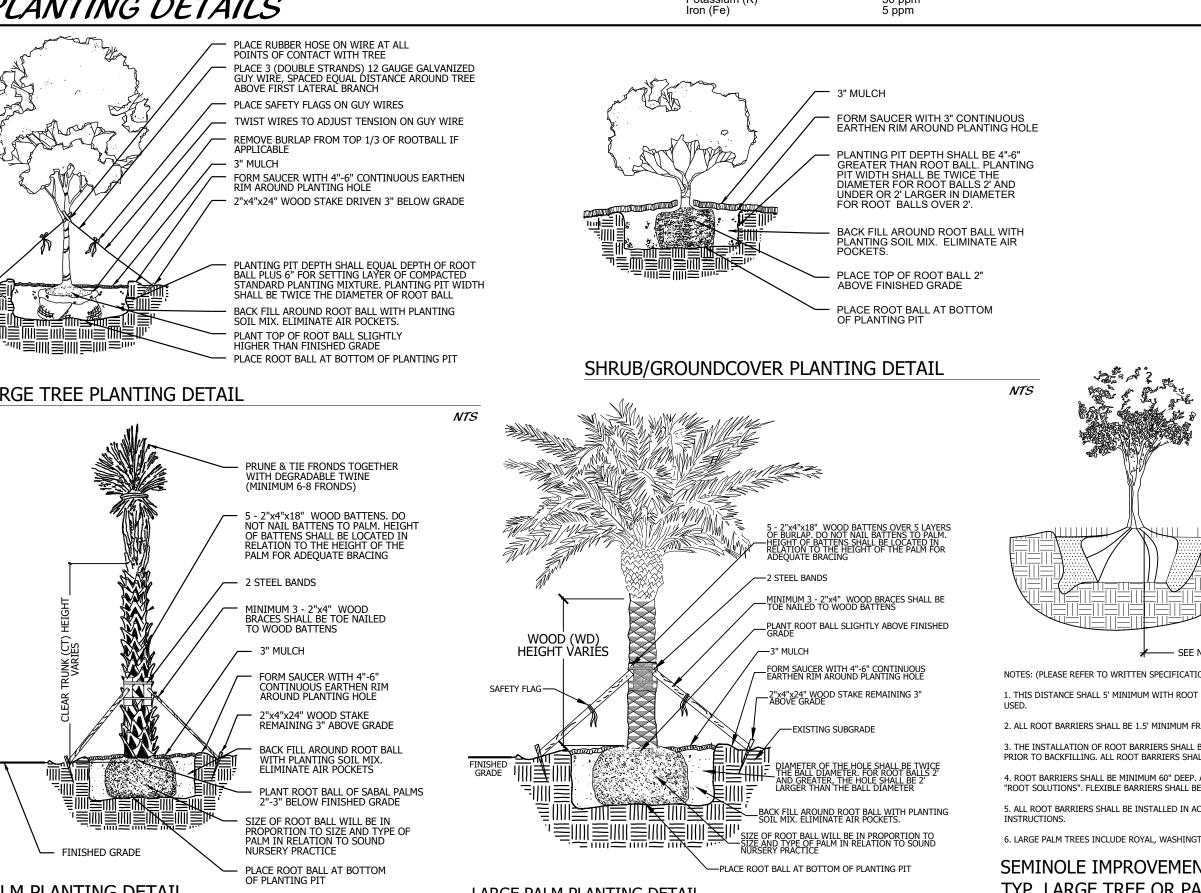
TREES SHALL HAVE A MINIMUM TWO FOOT SEPARATION FROM BIKE PATHS AND SIDEWALKS

<u>OVERAL</u>		PLANT LIST							LANDSCAPE DATA				
ACCENT PALMS	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT		SIZE	NATIVE	REMARKS	AREA CALCULATIONS		S.F.	AC.	%
TR	2	THRINAX RADIATA	FLORIDA THATCH PALM	<u>CONT</u> 25 GAL.	CAL	<u>SIZE</u> 6` O.A.	Y	FULL CANOPY, DOUBLE	BUILDING COVERAGE - PLANET FITNESS & INLINE RETAIL		'		9.00%
									VEHICULAR USE AREA SIDEWALKS & PLAZAS		,		43.59% 2.57%
ACCENT TREES HRS	<u>QTY</u>	<u>BOTANICAL NAME</u> HIBISCUS ROSA-SINESIS 'SEMINOLE PINK'	<u>Common Name</u> Seminole Pink Hibuscus	<u>CONT</u> 15 GAL.	<u>CAL</u> 	<u>SIZE</u> 5` O.A.	NATIVE	<u>REMARKS</u> FULL CANOPY, STANDARD, MATCHED	LANDSCAPE BUFFER AREA (EXISTING)				2.23%
JAT	5 7	JATROPHA INTEGERIMA	JATROPHA TREE	25 GAL.		5 0.A. 5`HT. X 3`SPRD.	N	FULL CANOPY, MULTI-STEM, FLORIDA FANCY,	INTERIOR LANDSCAPE AREA				42.62%
								LIMB UP 2'	TOTAL SITE AREA		379,626.00	8.72	100.00%
	OT /			CONT	C 41			DEMAD//C	LANDSCAPE BUFFERS		L.F./CODE	REQ.	PROV.
<u>CANOPY TREES</u> BA	<u>QTY</u> 3	BOTANICAL NAME BULNESIA ARBOREA	Common Name Verawood	<u>CONT</u> 45 GAL	<u>CAL</u> 2.5" CAL	<u>SIZE</u> 12`HT X 5` SPRD	NATIVE	<u>REMARKS</u> FULL CANOPY	EXISTING		EXISTING		
BS	16	BURSERA SIMARUBA	GUMBO LIMBO	65 GAL. MIN.	3.5" CAL	16` HT. X 7` SPRD.	Y	FULL CANOPY					
ED1	13	ELAEOCARPUS DECIPIENS	JAPANESE BLUEBERRY TREE	45 GAL. MIN.	2.5" CAL.	14`HT. X 6`SPRD.	Ν	FULL & THICK, SHEARED CONICAL SHAPE,	VEHICULAR USE AREA - INTERIOR PLANTING		CODE	REQ.	PROV
0)/14	20			65 GAL. MIN.	4" CAL.	14` MIN. X 7` SPRD.	V	FLORIDA FANCY, SINGLE STRAIGHT TRUNK. 4° CT.	GREEN SPACE / PERVIOUS AREA CANOPY TREES & SPECIMEN PALMS		10% VEH. USE AREA PER INTERIOR ISLAND	16,547 44	>25,856 44
QV14 TI	20 4	QUERCUS VIRGINIANA TABEBUIA IMPETIGINOSA	LIVE OAK PINK TRUMPET TREE	45 GAL. MIN.	4 CAL. 2.5" CAL.	14 MIN. X 7 SPRD. 12`HT. X 5`SPRD.	T N	FULL CANOPY, FLORIDA FANCY, MATCHED FULL CANOPY	(20 CANOPY TREES, 24 SPECIMEN PALMS)	1			
11	•				2.3 CAL				SHRUBS/GROUNDCOVER				
PALM TREES	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	<u>CONT</u>	CAL	SIZE	NATIVE	REMARKS					
AM	5	ADONIDIA MERRILLII	CHRISTMAS PALM	F.G.		12`-14` O.A.	N	FULL CANOPY, SINGLE TRUNK, MATCHED	INTERIOR LANDSCAPE GREEN SPACE / PERVIOUS AREA		S.F./CODE	REQ.	PROV.
AA	10	ARCHONTOPHOENIX ALEXANDRAE	KING ALEXANDER PALM	F.G.		20` O.A.	IN	SINGLE TRUNK, FLORIDA FANCY, ROOT PRUNED, MATCHED	CANOPY TREES		161,784 1 PER 3,000 S.F.	55	31
PEA	3	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	F.G.		12` - 14` O.A.	Ν	FULL, MATCHED	SPECIMEN SPALMS		1 TEN 3,000 3.1 .		15
PEA3	1	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	F.G.		12` - 14` O.A.	Ν	FULL, DOUBLE	PALMS (16 PALMS = 8 CANOPY TREES)				8
SP	44	SABAL PALMETTO	CABBAGE PALM	F.G.		14`, 18`, & 22` C.T., SEE PLAN	Y	SLICK, STRAIGHT TRUNK	SMALL TREES (2 SMALL TREES = 1 CANOPY TREE)				1
SMALL TREES	ΟΤΥ	BOTANICAL NAME	COMMON NAME	CONT	CAL	CIZE	NATIVE	REMARKS			TOTAL	55	55 41.82%
ED2	<u>QTY</u> 4	ELAEOCARPUS DECIPIENS	JAPANESE BLUEBERRY TREE	25 GAL.	<u>CAL</u> 1.5" CAL.	<u>SIZE</u> 5`-6` O.A.	N	FULL CANOPY, SHEARED CONICAL SHAPE,	PERCENTAGE PALMS SHRUBS		60% MAX. 1 PER 1,250 S.F.	130	×130
	-		<u>.</u>					FLORIDA FANCY, SINGLE STRAIGHT TRUNK,	5111005		1 TER 1,250 5.T.	150	150
								MATCHED, FULL TO BASE	FOUNDATION PLANTING - RETAIL BUILDING	LENGTH	CODE	REQ.	PROV.
		DOTANICAL NAME		CONT	CAL	CITE		DEMARKS	NORTH FACADE L.F. =	<u>68</u> <u>L.F.</u>	<u>50% MIN.</u>	<u>34 L.F.</u>	
<u>SPECIMEN PALMS</u> PHM	<u>QTY</u> 4	BOTANICAL NAME PHOENIX DACTYLIFERA `MEDJOOL`	<u>COMMON NAME</u> MEDJOOL DATE PALM	<u>CONT</u> F.G.	<u>CAL</u> 	<u>SIZE</u> 14`C.T.	<u>NATIVE</u> N	<u>REMARKS</u> STRAIGHT TRUNK, FULL CANOPY, DIAMOND CUT.			5' DEPTH	170 S.F.	423 S.F.
11111		HIGHNIX DACITELI EIXA MEDJOOE	MEDJOOE DATE TAEM	1.0.		11 6.1.	IN IN	ROOT PRUNED, FLORIDA FANCY, MATCHED	CANOPY TREES OR PALMS SHRUBS/GROUNDCOVER		1/20 L.F. 1/10 S.F.	4 17	4 84
RR	38	ROYSTONEA REGIA	ROYAL PALM	F.G.		16` G.W.	Y	HEAVY CALIPER, FLORIDA FANCY, ROOT PRUNED,	SOUTH FACADE L.F. =	<u>62 L.F.</u>	<u>50% MIN.</u>	<u>31</u> <u>L.F.</u>	
								FULL CANOPY, MIN. 7 LEAF COUNT			5' DEPTH	155 S.F.	525 S.F.
SHRUBS	ΟΤΥ	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACE	NATIVE	REMARKS	CANOPY TREES OR PALMS		1/20 L.F.	4	4
CI7	76	CHRYSOBALANUS ICACO `RED TIP`	RED TIP COCOPLUM	7 GAL.	<u>30" X</u> 24"	3` 0.C.	Y	FULL & THICK	SHRUBS/GROUNDCOVER	454 1 5	1/10 S.F.	16	69
CLD15	199	CLUSIA GUTTIEERA CODIAEUM VARIGATUM `MANGO`		15 GAL.	6 HT. X 3 SPRD.	3° 0.C		FULL & THICK	EAST FACADE =	<u>154</u> <u>L.F.</u>	<u>50% MIN.</u> 5' DEPTH	<u>77 L.F.</u> 385 S.F.	<u>100 L.F.</u> 768 S.F.
CVM	48	CÓDľAĽUM VÁRIGAŤUM `MÁŇGŎ`	MANGO ČROTOŇ	3 GAL.	18" X 18"	2`0.C.	N	FULL & THICK	CANOPY TREES OR PALMS		1/20 L.F.	8	8
EF7 FG7	31	EUGENIA FOETIDA FICUS MACROPHYLLA `GREEN ISLAND`	SPANISH STOPPER GREEN ISLAND FICUS	7 GAL. ⁻ 7 GAL.	30" X 24" 15" X 15"	2.5 O.C. 2` O.C.	Y	FULL & THICK FULL & THICK	SHRUBS/GROUNDCOVER		1/10 S.F.	39	173
PM7	02 491	PODOCARPUS MACROPHYLLUS 'MAKI'	PODOCARPUS	7 GAL. 7 GAL.	3` X 2`	2`0.C. 2`0.C.	N	FULL & THICK	WEST FACADE L.F. =	<u>150</u> <u>L.F.</u>	<u>50% MIN.</u>	<u>75 L.F.</u>	
CPMD	115	PÓDOČAŘPŮS MACROPHYLLUS DWARF PRINGLES SCHEFFLERA ARBORICOLA 'DAZZLE'	DWARF PODOCARPUS	3 GAL.	18" X 18"	2,0,C.	~N~~~	FULL & THICK FULL & THICK	CANOPY TREES OR PALMS (DUE TO UTILITY RESTRICTIONS, 8 SPS		5' DEPTH	375 S.F.	818 S.F.
SA	18		DAZZLE SCHEFFLERA	3 GAL.	2 X 2	2 O.C.	N		ADJACENT TO DUMPSTER COUNTED FOR PROVIDED PALMS))	1/20 L.F.	8	8
SR7	13	STRELITZIA REGINAE	ORANGE BIRD OF PARADISE	7 GAL.	2.5` X 2`	A.S.	Ν	FULL & THICK, FLORIDA FANCY	SHRUBS/GROUNDCOVER		1/10 S.F.	38	76
SHRUBS	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACE	NATIVE	REMARKS					
CH	220	CALLIANDRA HAEMETOCEPHALA	DWARF POWDERPUFF	3 GAL.	→ <u>18" X</u> 18" →12" X 12"	24" O.C.		FULL & THICK	FOUNDATION PLANTING - PLANET FITNESS	LENGTH	CODE	REQ.	PROV.
	285	CHRYSOBALANUS ICACO "HORIZONTAL"	DWARF COCOPLUM	3 GAL.	<u>12"X 12"</u>	24" 0.C.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	FULL & THICK, NOT STRETCHED, FLORIDA FANCY	NORTH FACADE L.F. =	<u>200</u> <u>L.F.</u>	<u>50% MIN.</u> 5' DEPTH	<u>100 L.F.</u>	<u>190</u> <u>L.F.</u> 1,110 S.F.
CF FC	16	CODIAEUM VARIEGATUM FRANKLIN ROOSEVELT	FRANKLIN ROOSEVELT CROTON GREEN ISLAND FICUS	3 GAL. 3 GAL.	18" X 18" 15" X 15"	24" O.C. 24" O.C.	N - C	FULL & THICK	CANOPY TREES OR PALMS		1/20 L.F.	500 S.F. 10	1,110 S.F. 10
HS	31	HIBISCUS SEMINOLE PINK	SEMINOLE PINK HIBISCUS	3 GAL. 7 GAL	15" X 15" 24" X 24"	24" O.C. 30" O.C.	N	FULL & THICK FULL & THICK	SHRUBS/GROUNDCOVER		1/10 S.F.	50	155
IV	42	ILEX VOMITORIA `SHILLINGS DWARF`	DWARF YAUPON HOLLY	3 GAL	15" X 15"	24" O.C.	Y	FULL & THICK	SOUTH FACADE L.F. =	<u>200</u> L.F.	<u>50% MIN.</u>	<u>100</u> <u>L.F.</u>	
MUH	133	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL.	24" X 24"	30" O.C.	Y	FULL &THICK			5' DEPTH		1,590 S.F.
PD	113	PODOCARPUS MACROPHYLLUS `DWARF PRINGLES`	DWARF PODOCARPUS	3 GAL.	15" X 15"	18" O.C.	N	FULL & THICK	CANOPY TREES OR PALMS SHRUBS/GROUNDCOVER		1/20 L.F. 1/10 S.F.	10 50	10 193
	269 235	RONDELETIA LEUCOPHYLLA TRIPSACUM FLORIDANA	PANAMA ROSE DWARF FAKAHATCHEE GRASS	3 GAL. 3 GAL.	18" X 18" 24" X 24"	24" O.C. 30" O.C.	N	FULL & THICK FULL & THICK	EAST FACADE L.F. =	125 L.F.	50% MIN.	<u>62.5</u> L.F.	<u>101 L.F.</u>
WA	74	WRIGHTIA ANTIDYSENTERICA	ASIAN SNOW JASMINE	3 GAL	18" X 18"	24" O.C.	N	FULL & THICK			5' DEPTH	312.5 S.F.	526 S.F.
									CANOPY TREES OR PALMS		1/20 L.F.	7	7
SOD: STENOTAPHR	UM SEC	CUNDATUM 'FLORITAM' - ST. AUGUSTINE 'FLORIT/	AM' SOD = APPROXIMATELY 40,8	385 SQ. FT.					SHRUBS/GROUNDCOVER	445 1 -	1/10 S.F.	31	106
CDAA C	11	NINTEC							WEST FACADE L.F. =	<u>125</u> <u>L.F.</u>	<u>50% MIN.</u> 5' DEPTH	<u>62.5</u> <u>L.F.</u> 312.5 S.F.	
<u> 30/11 30</u>	<u> </u>	NOTES							CANOPY TREES OR PALMS		1/20 L.F.	512.5 S.F. 7	7
Existing Site Soil				.3	Provide soil test report	for all new planting soil mix prior to de	elivering to s	site. Planting soil mix imported to site shall have the	SHRUBS/GROUNDCOVER		1/10 S.F.	31	98
 Test existing soi 	l in a mii	nimum of four (4) landscape beds, from two (2) tree planting nd a sample from each end of each retention pond immedia	g pits in addition to taking 2 to 3 sampl	es along follov	ving characteristics resul	ting from a current agronomic and full	ll textural cla	site. Planting soil mix imported to site shall have the ss analysis of a soil sample collected from the actual soil from the University of Florida Extension - Institute of Food					
issued Coordinate loc	ations wi	th landscape architect. Submit soil test report for each loca	tion from the University of Florida Exte	ension - and A	Agricultural Science (IFA	Soli Testing Laboratory or another	local certifie	ed commercial soil testing facility at least four (4) weeks dations of the laboratory. The results of the tests shall be	NATIVE PERCENTAGE (OF REQ. MATERIAL)			REQ.	PROV. 71.52%
four (4) weeks before a	olantina (al Sciences (IFAS) Soil Testing Laboratory or another local operations. Collect soil samples in accordance with recomn	certified commercial soil testing facility nendations of the laboratory	subm	itted to the I ANDSCAPI	FARCHITECT and must include sam	n recommend	dations of the laboratory. The results of the tests shall be difference the collection location. Composition shall be in	CANOPY TREES SHRUBS/GROUNDCOVER			50% 25%	71.52% 27.93%
https://sfyl.ifas.ufl.edu/	agricultu	re/soil-testing/		gene	ral accordance with AST	M D5268 subject to the following:	.r.e aato ant						
2. Soil test reports	shall pro	ovide the pH, and the fertility levels of the principal nutrients	phosphorus (P), potassium (K), calciu	ım (Ca), Soil ·	Texture (Sandy loam)			Soil Percolation Test					

micronutrients including copper (Cu), manganese (Mn), and zinc (Zn) – as directed by the landscape Planting Soil Mix Imported to Site

Planting soil mix imported to site shall consist of natural, friable, sandy loam, native topsoil and shall be free from objects larger than 1-1/2 inches maximum dimension including hard clods of heavy clay or other subsoil, noxious weed parts (roots, seeds, or shoots),





PALM PLANTING DETAIL

2. Soil test reports shall provide the pH, and the fertility levels of the principal nutrients phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), and recommendations for adjustment. The report may also include levels of soluble salts, organic content, and levels of

Soil Texture (Sandy loam) Texture Class Sand (0.05-2.0 mm dia. range) Silt (0.002-0.05mm dia. range)

Clay (< 0.002 mm dia. range) Chemical Attributes pH range

Organic Matter range Salinity range Minimum Nutrients Nitrogen (N) Phosphorous (P

% of Total Weight Average % 6.8 - 7.5. 1% - 5% EC<2 mmhos/cm Concentration 5 ppm air dried basis 5 ppm 30 ppm 5 ppm

Soil Percolation Test Perform a soil percolation test in a minimum of four (4) landscape beds, from two (2) tree planting pits in addition to taking 2 to 3 samples along the perimeter of the property and a sample from each end of eac retention pond to ensure proper drainage. Submit results to Landscape Architect for approval prior to planting.

Parking Lot Islands Remove & dispose offsite any gravel and debris found in all new parking islands and replace with a minimum 18" depth planting soil mix per specifications.

grass, refuse, stumps, roots, brush, construction materials or other foreign matter, hazardous or toxic substances, and material that may be harmful to plant growth or may hinder grading, planting, or maintenance. Deliver soil in a normally moist condition, neither muddy nor 2. The required soil mix combination for the landscaping beds must consist of 25% mushroom compost, 25% pine bark fines and 50% Nutrient of a soil with a pH less than 7 which is then mixed into 50% native soil. Landscaping plans must include this detail in the notes.

> LARGE PALM PLANTING DETAIL MEDJOOL, CANARY ISLAND, SYLVESTER DATE PALM, ETC.

NTS

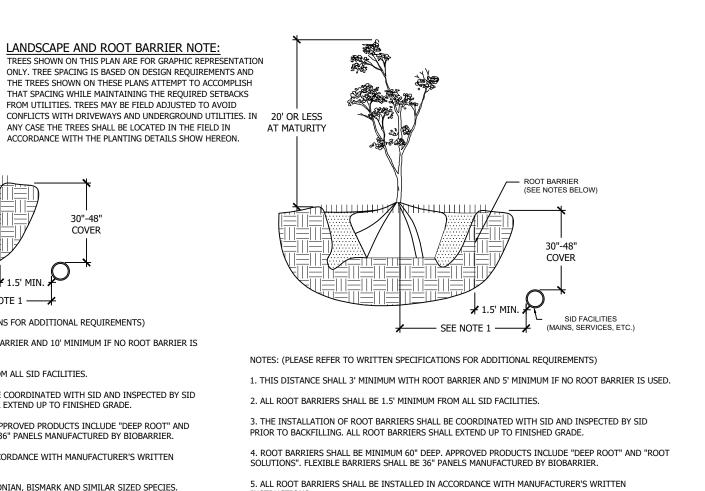
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Drawing: 20-0616.01 LP.DW

LP4 OF 4

DESIGNED

APPROVED

REVISIONS_

SHEET

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