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Land Planners
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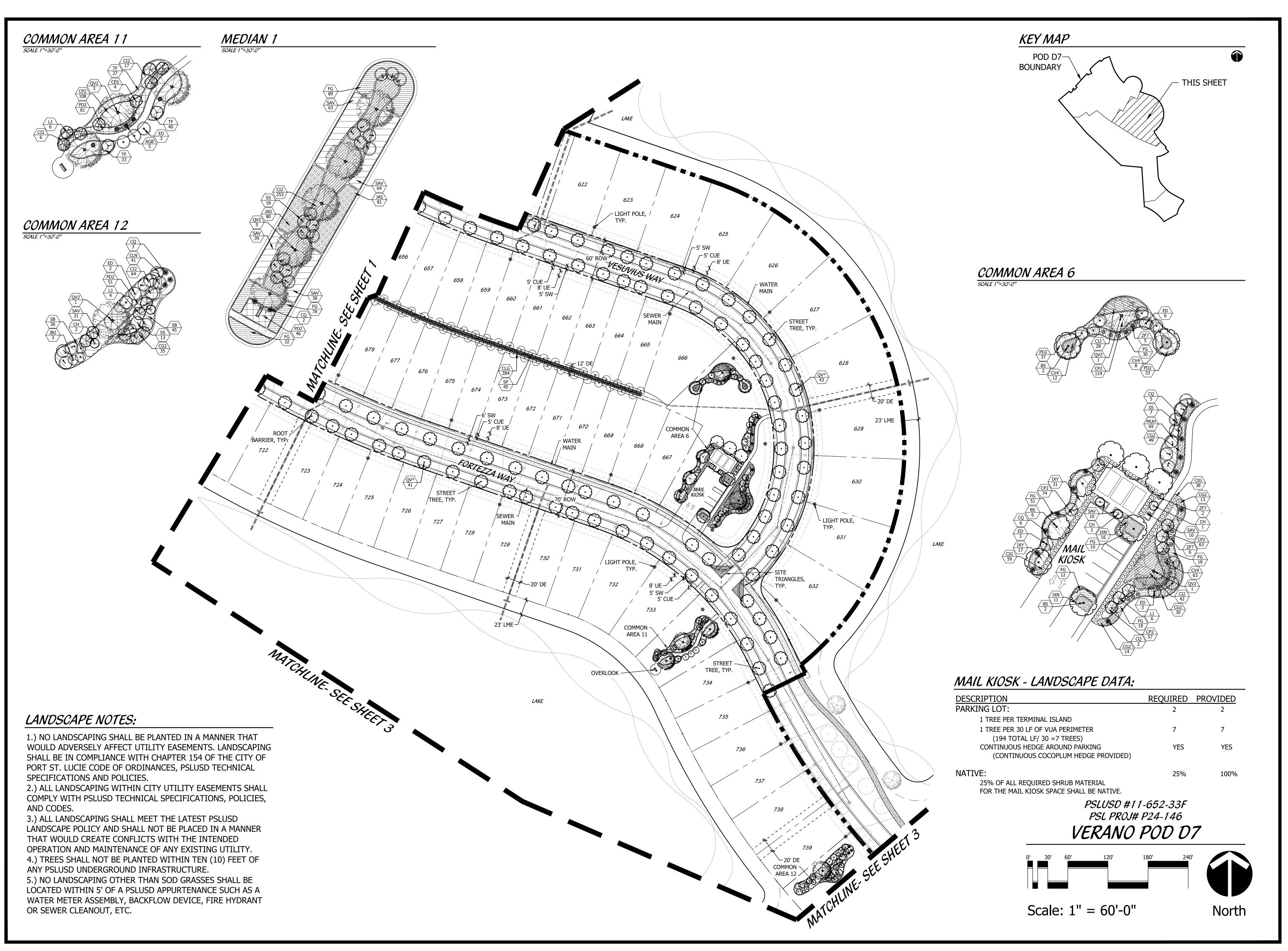
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JOB NUMBER _	18-0905
DATE	02-19-25
REVISIONS	03-28-25
	04-25-25

SHEET 1 OF 5

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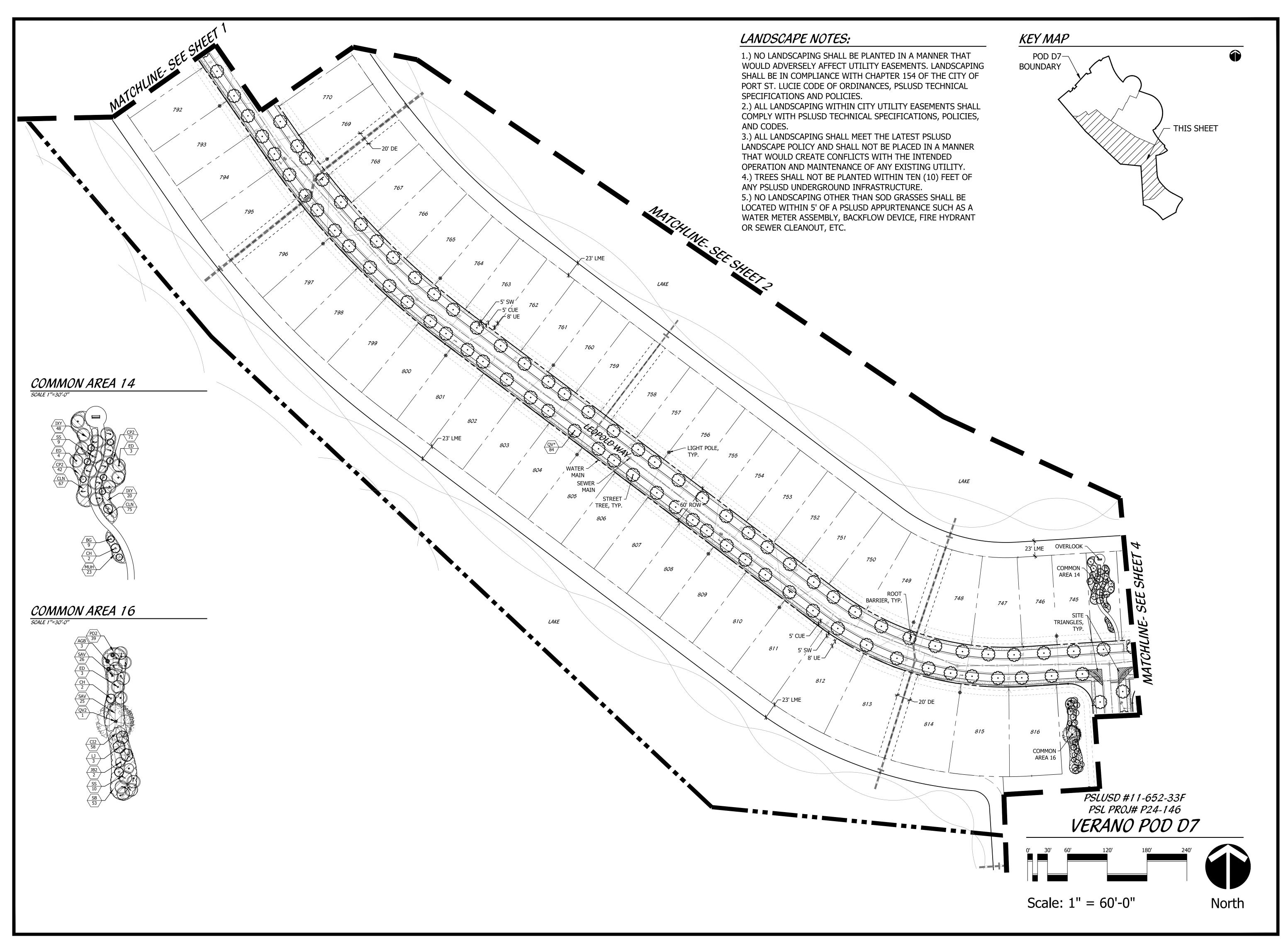
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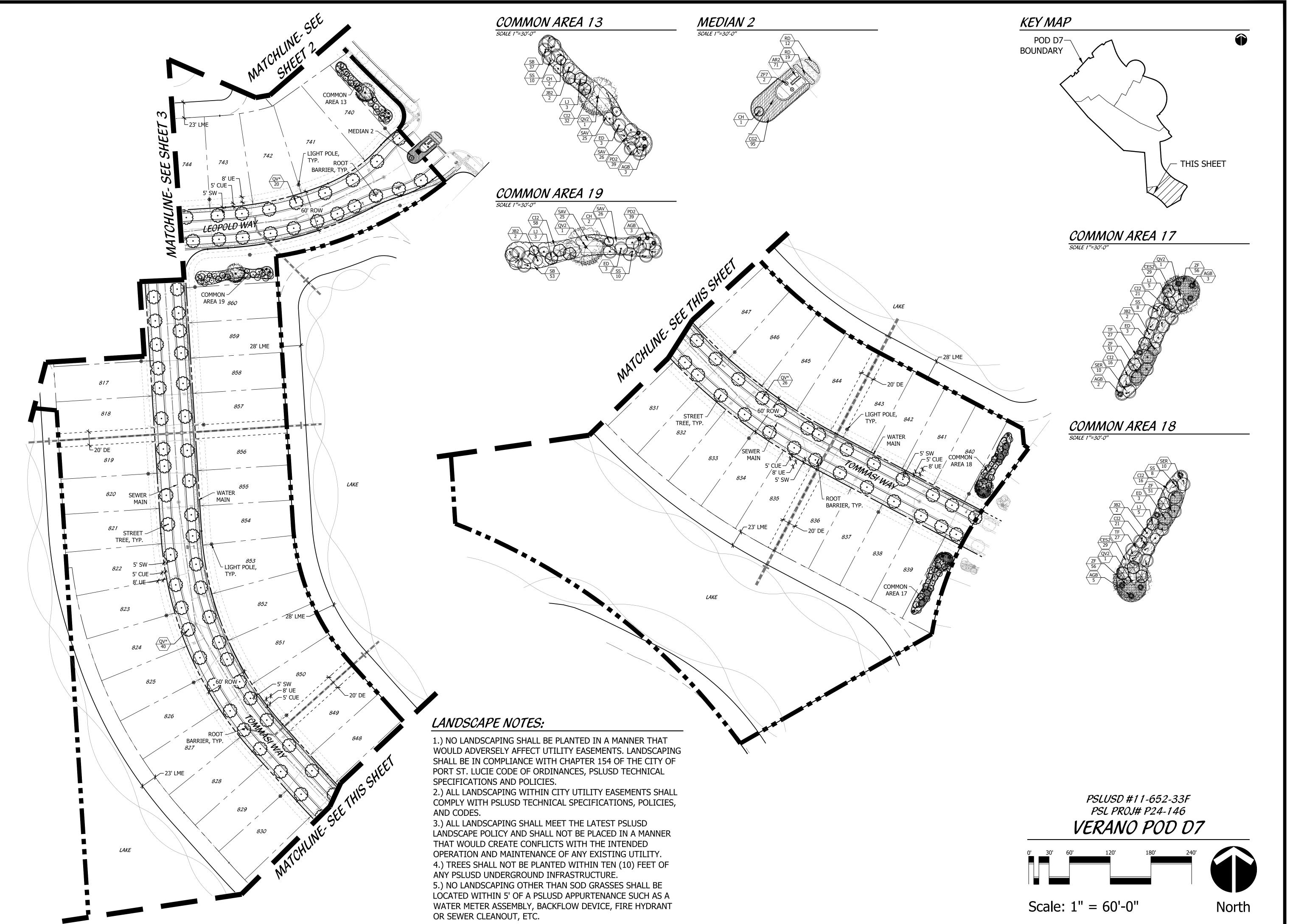
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## LANDSCAPE SPECIFICATIONS

LANDSCAPE CONTRACT WORK INCLUDES, BUT IS NOT LIMITED TO, SOIL PREPARATION, FINE OR FINISH GRADING, FURNISHING AND INSTALLING PLANT MATERIAL, WATERING, STAKING, GUYING AND 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 OUTSTANDINGLY 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 /ARIETY AND FLORIDA NUMBER 1. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

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

MULCH SHALL BE SHREDDED CYPRESS MULCH. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3' EXCEPT FOR THOSE SPECIFIC SITUATIONS SHOWN BELOW IN SECTIONS 2,3 & 4 FERTILIZER IN BACKFILL 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 MAY BE TABLET FORM OR GRANULAR. GRANULAR FERTILIZER SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE-FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS: 16% NITROGEN, 7% PHOSPHORUS, 12% POTASSIUM, PLUS IRON. TABLET FERTILIZER (AGRIFORM OR EQUAL) IN 21 GRAM SIZE SHALL MEET THE FOLLOWING REQUIREMENTS: 20% NITROGEN, 10% PHOSPHORUS AND 5%

## FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES:

PLANT SIZE 16-7-12 AGRIFORM TABLETS\* (21 GRAM)

2 LBS./1" CALIPER 2 PER 1" CALIPER 3 LBS./1" CALIPER 2 PER 1" CALIPER

"FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF .5 LB. PER INCH OF TRUNK UNLESS OTHERWISE SPECIFIED.

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

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

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

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING 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 SHALL 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

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

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF SIX (6) MONTHS FROM THE DATE OF CONDITIONAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE COMMENCE . ANY MATERIALS WHICH HAVE DIED DURING THIS PERIOD SHALL BE PROMPTLY REPLACED NITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM LIGHTNING, VANDALISM, AND AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS UP TO THE CONDITIONAL ACCEPTANCE PERIOD, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURITHE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS AL 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.

EXCAVATE PIT AS PER PLANTING DETAILS. COMPACT LAYER OF TOPSOIL IN PIT WITH A SLIGHTLY

BACKFILL AROUND BALL WITH TOPSOIL AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF TOPSOIL BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH.

PRUNE TREE TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER. GUY AND STAKE TREE IN ACCORDANCE WIT THE STAKING DETAILS IMMEDIATELY AFTER PLANTING. 3. PLANTING SHRUBS

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

EXCAVATE PIT OR TRENCH TO 2 TIMES THE DIAMETER OF THE BALLS OR CONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS AND 3" DEEPER THAN REQUIRED FOR POSITIONING AT PROPER HEIGHT. COMPACT A LAYER OF TOPSOIL IN BOTTOM BEFORE PLACING PLANTS. BACKFILL AROUND PLANTS WITH PLANTING MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH.

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. 4. PLANTING GROUND COVER

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED AND SPREAD

SPACE 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 ABOVE MULCH. PURPLE QUEEN GROUNDCOVER, IF SPECIFIED, SHALL ONLY RECEIVE 1" OF

DURING PERIODS OF HOT SUN AND/OR WIND AT TIME OF PLANTING, PROVIDE PROTECTIVE COVER FOR SEVERAL DAYS OR AS NEEDED.

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 TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY,

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 SOIL MIX 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

## 6. MISCELLANEOUS LANDSCAPE WORK

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 A SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT

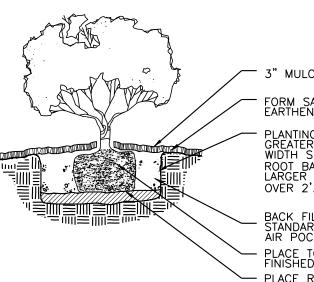
## PLANT MATERIAL SUBSTITUTION

NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT AUTHORIZATION FROM THE LANDSCAPE 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

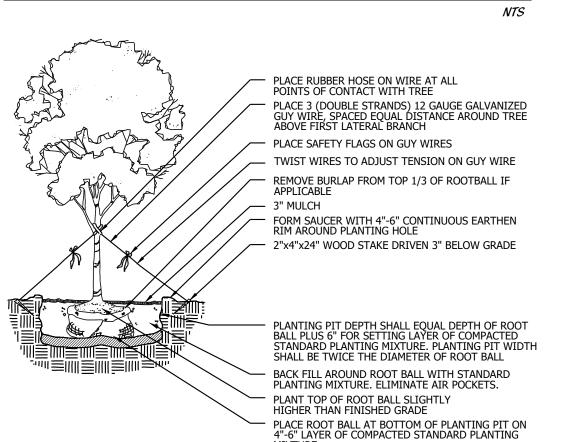
## PLANTING DETAILS



ROOT BALLS 2' AND UNDER OR 2' LARGER IN DIAMETER FOR ROOT BALLS

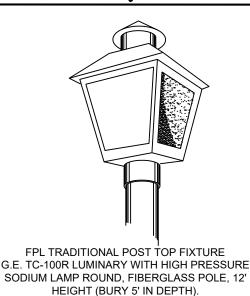
BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIX. ELIMINATE PLACE TOP OF ROOT BALL 2" ABOVE FINISHED GRADE PLACE ROOT BALL AT BOTTOM OF PLANTING PIT ON 4"-6" LAYER OF COMPACTED STANDARD PLANTING MIXTURE

## SHRUB/GROUNDCOVER PLANTING DETAIL



LARGE TREE PLANTING DETAIL

## COACH LAMP (STREETLIGHTS)



## TROOT BARRIER T SIDEWALK **→** 10' **→** 10' **→** 20 LF OF 19-24 INCH DEEP "DEEP ROOT" ROOT BARRIER INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ROOT BARRIER TO BE INSTALLED FLUSH WITH CURB OR SIDEWALK. ROOT BARRIER SHALL BE USED WHEN A STREET TREE IS LESS THAN 4' FROM THE EDGE OF A SIDEWALK AND/OR LESS THAN 4' FROM THE EDGE OF A CURB. (MEASUREMENT IS FROM OUTSIDE TO OUTSIDE) THE CITY OF PSL WILL ALLOW STREET TREES WITHOUT ROOT BARRIERS AS LONG AS THEY ARE A MINIMUM OF 4 FEET FROM THE EDGE OF BOTH THE SIDEWALK AND CURB. THIS MEANS THE TREE LAWN MUST BE NO LESS THAN 8'. ROOT BARRIER C

## LANDSCAPE NOTES

ALL LANDSCAPING AND SITE IMPROVEMENTS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF THE CITY OF PORT ST. LUCIE'S CHAPTER 153, LANDSCAPE AND LAND CLEARING CODE, CURRENT ADDITION AND ANY OTHER APPLICABLE CITY

THE LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR CHANGES WITHOUT THE AUTHORIZATION OF THE OWNER AND THE LANDSCAPE ARCHITECT. THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE PLANS AND VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS.

THE LANDSCAPE CONTRACTOR BE RESPONSIBLE FOR ALL PERMITS RELATING TO HIS/HER WORK ALL LANDSCAPE PLANTED IN THE RIGHT-OF-WAY AND ON PRIVATE PROPERTY SHALL BE LOCATED SO THAT NO CONFLICT OCCURS WITH VEHICULAR SIGHT DISTANCES AT INTERSECTIONS AND AT DESIGNATED PEDESTRIAN CROSSWALKS.

NO FENCE, WALL, HEDGE, OR SHRUB PLANTING WHICH OBSTRUCTS SIGHT LINES AND ELEVATIONS BETWEEN TWO (2) AND SIX (6) FEET ABOVE THE CROWN OF THE ROAD SHALL BE PLACED OR PERMITTED TO REMAIN ON ANY CORNER LOT IN ANY ZONING DISTRICT WITHIN THE TRIANGULAR AREA FORMED BY THE STREET PROPERTY LINES AND A LINE CONNECTING THEM AT POINTS TWENTY-FIVE (25) FEET FROM THE INTERSECTION OF THE STREET LINES, OR IN THE CASE OF A ROUNDED PROPERTY CORNER FROM THE INTERSECTION OF THE STREET PROPERTY LINES EXTENDED. THE SAME SIGHT LINE LIMITATIONS SHALL APPLY ON ANY LOT WITHIN TEN (10) FEET FROM THE EDGE OF A DRIVEWAY OR ALLEY. NO TREE SHALL BE PERMITTED TO REMAIN WITHIN THE ABOVE DESCRIBED LIMITS OF INTERSECTION UNLESS THE FOLIAGE LINE IS MAINTAINED AT OR ABOVE SIX VICE THE POADWAY INTERSECTION OF ENVIRON TO PREVENT ORSTBUCTION. IS MAINTAINED AT OR ABOVE SIX (6) FEET ABOVE THE ROADWAY INTERSECTION ELEVATION TO PREVENT OBSTRUCTION

ALL LANDSCAPING SHALL BE LOCATED IN THE RIGHT-OF-WAY AND OR ON PRIVATE PROPERTY SO THAT NO CONFLICT OCCURS WITH DESIGNATED CITY DRAINAGE AND / OR UTILITY EASEMENTS, OVERHEAD AND UNDERGROUND UTILITY LINES AND OR UTILITY STRUCTURES. NO TREE ARE ALLOWED IN UTILITY EASEMENTS OR CLOSER THAN TEN FEET TO ANY TREES AT ENTRANCEWAYS SHALL BE LIMBED UP TO MAXIMIZE SITE DISTANCE. CLEAR VISIBILITY SHALL BE MAINTAINED

BETWEEN 24" AND 8'. TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SITE LIGHTING.

PLANTING ISLANDS WITHIN AND ADJACENT TO PARKING AREAS SHALL BE FREE OF LIME ROCK AND OTHER FOREIGN MATERIALS TO A DEPTH OF 30". IF NECESSARY, RECYCLED PLANTING SOIL MIXTURE SHOULD BE USED TO REPLACE UNSUITABLE SOIL, WHICH IS EXCAVATED.

THE SURFACE OF ALL AREAS TO RECEIVE LANDSCAPING WILL BE FINELY GRADED AND SET SO DIPS AND DEPRESSIONS ARE REMOVED AND POSITIVE DRAINAGE IS ACHIEVED. THE FINISHED GRADE OF SOD AND MULCH AREAS SHALL BE SET SO THAT MULCH WASHOUTS DO NOT OCCUR AND THERE IS A SMOOTH TRANSITION FROM PAVED SURFACES TO ADJACENT

ALL TREES, SHRUBS AND GROUNDCOVER BEDS ARE REQUIRED TO BE MULCHED WITH A 3" MIN. THICK LAYER OF MULCH. TREES LOCATED IN TURF AREAS ARE REQUIRED TO HAVE A 3" THICK MULCHED WATERING RING PROVIDED AROUND THE TRUNK. THE TREE RING IS REQUIRED TO BE A MINIMUM DIAMETER OF 3' AROUND SMALL TREES AND 5' AROUND LARGE TREES, TO FACILITATE MOWING. MULCH SHALL BE KEPT THREE FEET AWAY FROM THE TRUNK.

- ALL TREE STAKING MATERIALS SHALL BE LOCATED WITHIN MULCH BEDS AND OR RINGS.
- ALL AREAS SHALL BE FULLY IRRIGATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF PORT ST. LUCIE. IRRIGATION SHOP DRAWINGS SHALL BE SUBMITTED TO THE OWNER AND LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 100% OVERLAP COVERAGE TO ALL
- THE IRRIGATION WATER SOURCE SHALL BE WELL WATER OR SUCTION FROM AN ONSITE STORMWATER MANAGEMENT AREA. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SENSOR/CUT OFF SWITCH IN ACCORDANCE WITH STATE
- LANDSCAPE IRRIGATION NOTES:
  A. ALL AREAS TO RECEIVE 100% IRRIGATION COVERAGE
  B. ALL ZONES TO BE AUTOMATICALLY CONTROLLED
  C. CLOCKS TO HAVE AUTOMATIC "RAIN SENSORS"
  D. WATER SOURCE MAY BE POTABLE OR WELL AND SHALL BE DETERMINED AT TIME OF BUILDING PERMIT E. THE IRRIGATION SYSTEM WILL BE DESIGNED TO ACCEPT RECLAIMED WASTEWATER ONCE IT BECOMES AVAILABLE TO THE PROPERTY.
- NO LIGHT POLE OR ASSOCIATED CONDUIT SHALL BE LOCATED WITHIN 5' OF A PSLUSD FACILITY

ALL ABOVE GROUND UTILITIES I.E. TRANSFORMERS, SWITCH BOXES, AIR CONDITIONER CONDENSERS, SHALL BE FULLY SCREENED FROM VIEW ON THREE SIDES WITH LANDSCAPING WHICH MUST EXTEND ONE FOOT HIGHER THAN THE TALLEST POINT OF SAID EQUIPMENT AT TIME OF PLANTING

BE INSTALL 1/4" BELOW TOP OF CURB/SIDEWALK

CURB OR SIDEWALK

NTS

- PRUNE & TIE FRONDS TOGETHER WITH DEGRADABLE TWINE (MINIMUM 6-8 FRONDS)

SABAL PALMS TO BE BOOTED WHEN 16' C.T.

5 - 2"x4"x18" WOOD BATTENS. DO NOT NAIL BATTENS TO PALM. HEIGHT OF BATTENS SHA BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING

- MINIMUM 3 - 2"x4" WOOD BRACES SHALL BE TOE NAILED TO WOOD BATTENS

FORM SAUCER WITH 4"-6" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE

2"x4"x24" WOOD STAKE REMAINING 3"

BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS.

PLANT ROOT BALL OF SABAL PALMS 2"-3"

IZE OF ROOT BALL WILL BE IN PROPORTION

TO SIZE AND TYPE OF PALM IN RELATION TO SOUND NURSERY PRACTICE

PLACE ROOT BALL AT BOTTOM OF PLANTING

PIT ON 4"-6" LAYER OF COMPACTED STANDARD PLANTING MIXTURE.

NTS

BELOW FINISHED GRADE

2 STEEL BANDS

FINISHED GRADE-

20 LF OF 19.5 INCH DEEP "BIO BARRIER" ROOT

FINISHED GRADE

PALM PLANTING DETAIL

NTS

BARRIER INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ROOT BARRIER

TO BE INSTALLED FLUSH WITH CURB OR SIDEWALK

**ROOT BARRIER DETAIL** 

CURB OR SIDEWALK-

NO LANDSCAPING SHALL BE LOCATED WITHIN 10' OF A CITY LINE OR APPURTENANCE. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL INSTALLATIONS AND A MINIMUM OF 18" BELOW CITY UTILITY MAINS. (ALL MEASUREMENTS ARE TAKEN FROM OUTSIDE TO OUTSIDE) NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY.

ST. AUGUSTINE SOD WILL BE UTILIZED FOR ALL TURF AREAS, EXCEPT AS NOTED. BAHIA SOD WILL BE UTILIZED IN DRY RETENTION AREAS AND IN AREAS OF EXISTING TREES TO REMAIN. REES PLANTED UNDER OR ADJACENT TO FP&L POWERLINES WILL COMPLY WITH THE FP&L "RIGHT TREE, RIGHT

NO TREE OR OTHER INTRUSIVE ROOT PLANTINGS SHALL BE LOCATED WITHIN 10' OF A CITY UTILITY MAIN. ALL OTHER UTILITIES SHALL BE A MINIMUM OF 5' HORIZONTAL SEPARATION FROM CITY UTILITY MAINS FOR PARALLEL INSTALLATIONS AND A MINIMUM OF 18" BELOW CITY UTILITY MAINS (ALL MEASUREMENTS ARE FROM OUTSIDE TO

NO LANDSCAPING SHALL BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING OR PROPOSED WATER/WASTERWATER UTILITY LINES.

ALL LANDSCAPE MATERIAL TO BE FL NO. 1. 4. ALL LANDSCAPING MEETS FDOT CLEAR ZONE AND SIGHT DISTANCE CRITERIA.

NO LANDSCAPING SHALL BE PLANTED IN SUCH A MANNER AS TO ADVERSELY AFFECT UTILITY INSTALLATION, 6. BERMS AND STRUCTURAL LANDSCAPE FEATURES SUCH AS ROCK, FOUNDATIONS, SCULPTURE, DECORATIVE WALL AND TREE WELLS AND GENERALLY NOT ALLOWED IN PSLUSD EASEMENTS, BUT MAY BE REVIEWED ON A CASE BY

7. ALL MEASUREMENTS ARE FROM OUTSIDE TO OUSIDE, NOT CENTERLINE TO CENTERLINE. EXAMPLE: OUTSIDE OF PIPE TO 8. TREES SHALL NOT BE PLANTED WITHIN 10 FEET OF ANY PSLUSD MAINS OR APPURTENANCES.

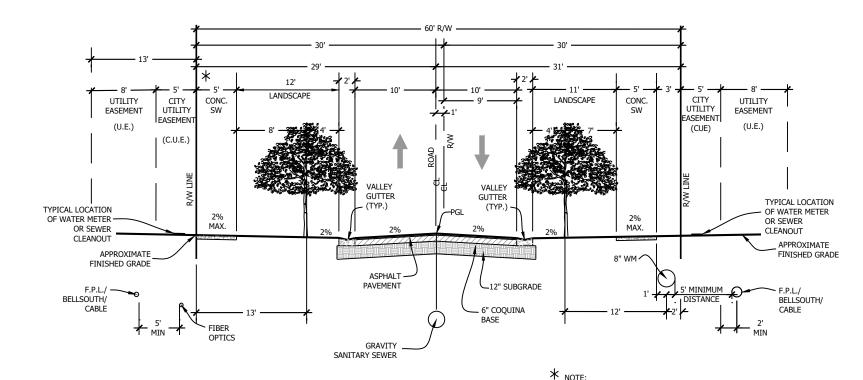
9. NO LANDSCAPING OTHER THAN SOD GRASSES MAY BE PLANTED WITHIN A 5' RADIUS MAINTENANCE AREA OF ANY PSLSUA APPURTENANCE SUCH AS WATER METERS, BACKFLOW DEVICES, FIRE HYDRANTS, SANITARY SEWER CLEANOUTS, AND MANHOLES, AIR RELEASE VALVES, ETC.

10. ALL LANDSCAPING WITHIN PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT (PSLUSD) UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES. TREES SHALL NOT BE PLANTED WITHIN TEN (10) FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE. 11. NO LANDSCAPING SHALL BE PLANTED IN A MANNER THAT WOULD ADVERSELY AFFECT UTILITY EASEMENTS. LANDSCAPING SHALL BE IN COMPLIANCE WITH CHAPTER 153 OF THE CITY OF PORT ST. LUCIE CODE OF ORDINANCES,

PSLUSD TECHNICAL SPECIFICATIONS AND POLICIES.

12 .ALL LANDSCAPING WITHIN CITY UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES. 13. ALL LANDSCAPING SHALL MEET THE LATEST PSLUSD LANDSCAPE POLICY AND SHALL NOT BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY. 14. TREES SHALL NOT BE PLANTED WITHIN TEN ( 10) FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE. 15. NO LANDSCAPING OTHER THAN SOD GRASSES SHALL BE LOCATED WITHIN 5' OF A PSLUSD APPURTENANCE SUCH AS A WATER METER ASSEMBLY, BACKFLOW DEVICE, F IRE HYDRANT OR SEWER CLEANOUT, ETC.

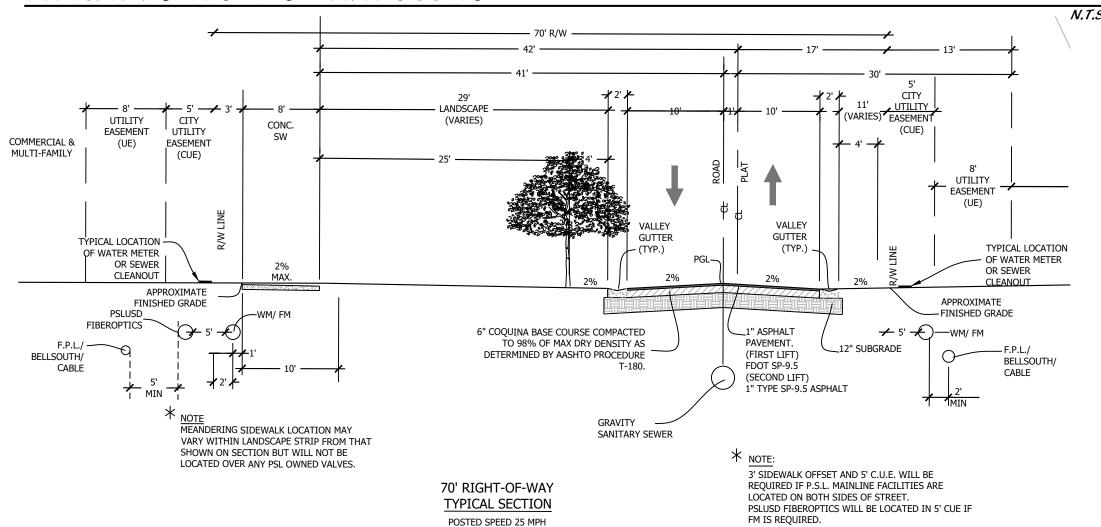
## TYPICAL 60' RIGHT-OF-WAY SECTION



60' RIGHT-OF-WAY TYPICAL SECTION

3' SIDEWALK OFFSET AND 5' C.U.E. WILL BE REQUIRED IF P.S.L. MAINLINE FACILITIES ARE LOCATED ON BOTH SIDES OF STREET PSLUSD FIBEROPTICS WILL BE LOCATED IN 5' CUE IF

## TYPICAL 70' RIGHT-OF-WAY SECTION



## PLANT SCHEDULE

, ,	r CAIVI SUITCUCC								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	REMARKS	DROUGHT TOLERANT
TREES BS CES ED JB2 LJ QV2	10 4 55 28 54 21	BURSERA SIMARUBA CONOCARPUS ERECTUS `SERICEUS` ELAEOCARPUS DECIPIENS JUNIPERUS VIRGINIANA `BRODIE` LIGUSTRUM JAPONICUM QUERCUS VIRGINIANA	GUMBO LIMBO SILVER BUTTONWOOD JAPANESE BLUEBERRY TREE BRODIE COLUMNAR CEDAR JAPANESE PRIVET SOUTHERN LIVE OAK	NA NA NA NA NA FG	4" CAL 1.5" CAL 2" CAL 1.5" CAL 1.5" CAL 4" CAL	12`-14` HT X 6`-8` SPRD 5`-6` OA 10` OA 12` HT X 4` SPRD 5` HT X 4` SPRD 18` OA	Y Y N N N	FULL CANOPY FULL CANOPY, STANDARD, SINGLE TRUNK CONICAL, FULL TO BASE, MATCHED FULL & THICK FULL CANOPY, 2.5` CT. 3 TRUNK MIN. FLORIDA #11, DOUBLE DUG ROOT BALL, 4"	YES YES YES
QV*	402	QUERCUS VIRGINIANA `SKY CLIMBER`	SKY CLIMBER LIVE OAK	FG	2.5" CAL	12` HT	Υ	DBH 14' H MIN. FULL CANOPY, DOUBLE DUG	YES
PALM T CH SP SS	21 162 113	CHAMAEROPS HUMILIS SABAL PALMETTO SABAL PALMETTO	EUROPEAN FAN PALM SABAL PALMETTO CURVED CABBAGE PALM	NA NA NA	NA NA NA	5` OA X 5` SPRD 10`, 16`, 22` CT, STGG. 10`, 16`, OR 22` CT, STGG	N Y Y	FOUR STEM MIN., LIMB UP 2' SLICK TRUNK STRONG, UNIQUE CURVES, SLICK TRUNKS	YES YES
CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	SIZE	<u>SPACE</u>	<u>NATIVE</u>	REMARKS	
SHRUB AGB BG CIG CLG CQ ZF7	35 9 97 1,093 24 15	AGAVE AMERICANA `GAINSVILLE BLUE` BOUGAINVILLEA `PALM BEACH PURPLE` CHRYSOBALANUS ICACO CLUSIA GUTTIFERA CRINUM AUGUSTUM `QUEEN EMMA` ZAMIA FLORIDANA	GAINSVILLE BLUE AGAVE PALM BEACH PURPLE BOUGAINVILLEA GREEN COCOPLUM CLUSIA `QUEEN EMMA` CRINUM COONTIE PALM	15 GAL 15 GAL 7 GAL 7 GAL 7 GAL 7 GAL	4` X 4` 4` OA 2` X 2` 6` X 3` 3`-4` OA 2` X 3`	AS AS 3` OC 3` OC AS	N N Y N N	FULL & THICK FULL, SPECIMEN, DENSE FOILAGE ONLY FULL & THICK FULL & THICK FULL & THICK SPECIMEN, MATCHED	YES YES YES YES NO YES
GROUN AR2	ND COVE	<u>RS</u> AECHMEA BLANCHETIANA `RASBERRY`	RASBERRY BROMELIAD	3 GAL	2` X 2`	2` OC	N	FULL & THICK, SUN GROWN	NO
CG2	236	CARISSA MACROCARPA `GREEN CARPET`	GREEN CARPET NATAL PLUM	3 GAL	1.5` X 1.5`	2` OC	N	FULL & THICK	YES
CI2	751	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	3 GAL	2` X 2`	3, OC	Υ	FULL & THICK	MODERATE
CLN	409	CLUSIA GUTTIFERA `NANA`	DWARF CLUSIA	3 GAL	1.5` X 1.5`	2` OC	Υ	FULL & THICK	YES
CP2	529	CODIAEUM VARIEGATUM `PETRA`	PETRA CROTON	7 GAL	3` X 2`	2` OC	N	FULL & THICK	YES
CV4	83	CODIAEUM X `MAGNIFICENT`	MAGNIFICENT CROTON	7 GAL	3` X 2`	2` OC	N	FULL & THICK	YES
CES2	58	CONOCARPUS ERECTUS `SERICEUS`	SILVER BUTTONWOOD	3 GAL	2` X 2`	3, OC	Υ	FULL & THICK	YES
FG	429	FICUS MACROPHYLLA 'GREEN ISLAND'	GREEN ISLAND FICUS	3 GAL	1.5` X 1.5`	2` OC	N	FULL & THICK	YES
IV	57	ILEX VOMITORIA `STOKES DWARF`	DWARF YAUPON HOLLY	3 GAL	1.5` X 1.5`	2` OC	Υ	FULL & THICK	YES
IXY	116	IXORA X `MAUI YELLOW`	YELLOW MAUI IXORA	7 GAL	3` X 2`	3, OC	N	FULL & THICK	MODERATE
IXN	27	IXORA X `NORA GRANT`	IXORA `NORA GRANT`	7 GAL	3` X 2`	3, OC	N	FULL & THICK	MODERATE
JAS	203	JASMINUM SIMPLICIFOLIUM	WAX JASMINE	3 GAL	1.5` X 1.5`	2.5` OC	N	FULL & THICK	MODERATE
MUH	92	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL	2` X 2`	2.5` OC	Υ	FULL & THICK	YES
PV	152	PITTOSPORUM TOBIRA 'VARIEGATA'	VARIEGATED PITTOSPORUM	3 GAL	1.5` X 1.5`	2.5` OC	N	FULL & THICK	MODERATE
PD2	365	PODOCARPUS MACR. `PRINGLES`	DWARF PODOCARPUS	3 GAL	1.5` X 1.5`	2`OC	N	FULL & THICK	MODERATE
RD	31	ROSA `MEIGALPIO`	RED DRIFT ROSE	3 GAL	1.5` X 1.5`	2`OC	N	FULL & THICK, UNIFORM GROWTH	MODERATE
SAV	438	SCHEFFLERA ARBORICOLA	DWARF GREEN SCHEFFLERA	3 GAL	2` X 2`	3` OC	N	FULL & THICK	YES
SER	20	SERENOA REPENS SILVER	SAW PALMETTO	3 GAL	2` X 2`	3` OC	Υ	FULL & THICK	YES
SB	367	SPARTINA BAKERI	SAND CORD GRASS	3 GAL	1.5` X 1.5`	2.5` OC	Υ	FULL & THICK	YES
TF	260	TRIPSACUM FLORIDANA	DWARF FAKAHATCHEE GRASS	3 GAL	1.5` X 1.5`	2.5` OC	N	FULL & THICK	YES
ZF	214	ZAMIA FLORIDANA	COONTIE	3 GAL	2` X 2`	2` OC	Υ	FULL & THICK	YES

## LANDSCAPE DATA

PROVIDED STREET TREES:

DROUGHT TOLERANT TREES:

DROUGHT TOLERANT SHRUBS:

TOTAL LINEAR FEET OF STREET FRONTAGE: 16,070 FT REQUIRED STREET TREES: (1 TREE PER 40 LINEAR FEET) \*16,070 FT / 40 = 402\*

REQUIRED NATIVE TREES: NATIVE SHRUBS:

**PROVIDED** 50% OF TOTAL 82% 50% OF TOTAL 95% 100% 50% OF TOTAL 98% 50% OF TOTAL

402

PSLUD # 11-652-33E PSL PROJ# 24-048 VERANO POD D7 LANDSCAPE DETAILS

## Hearing Landscape Architects

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DRAWN APPROVED\_ 18-0905 JOB NUMBER 02-19-25 REVISIONS. <u>03-28-25</u> <u>04-25-25</u>

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