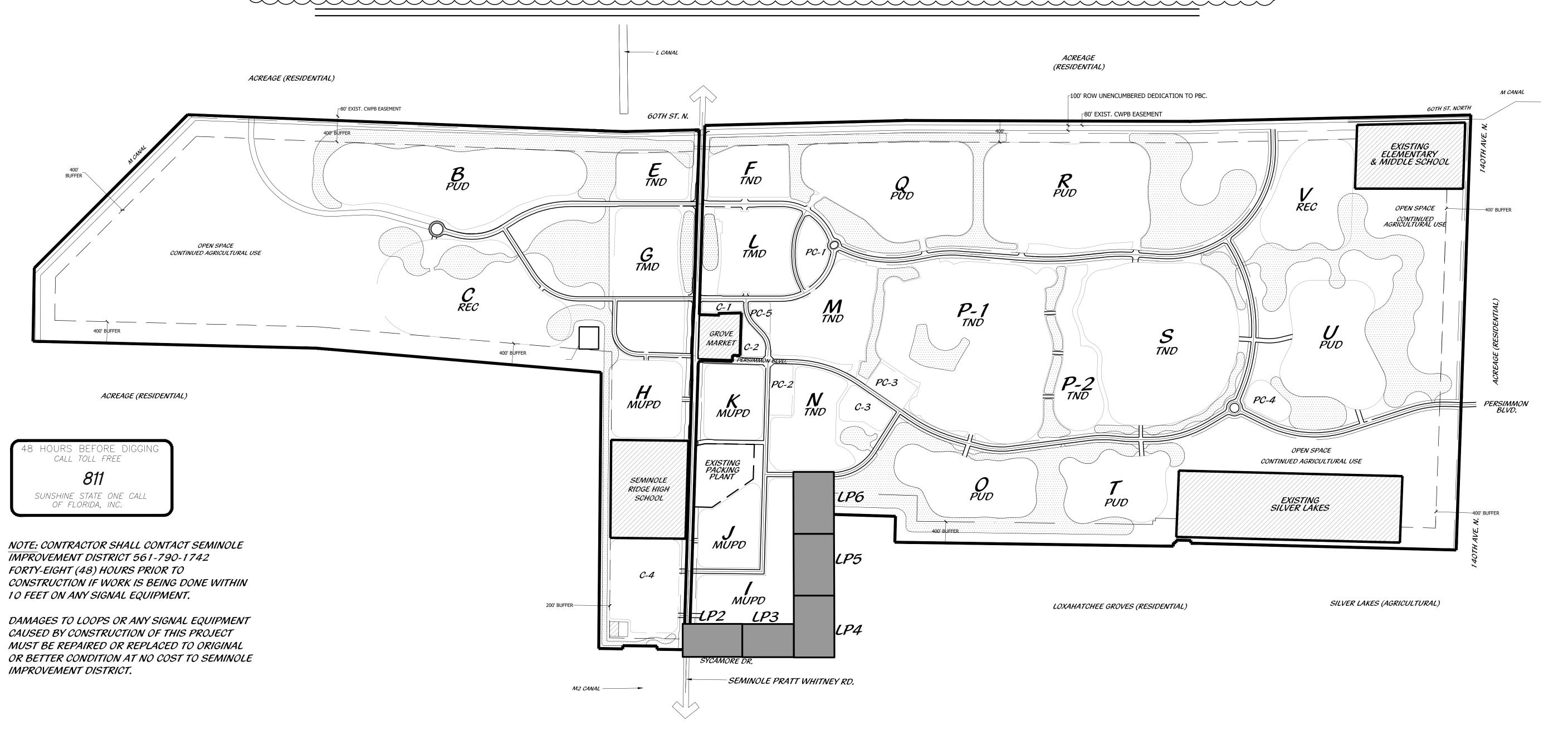
# MINTO WESTLAKE Wellness & Fitness Trail Landscape Plan



#### PROJECT TEAM

PROPERTY OWNER
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4400 WEST SAMPLE RD. SUITE 200
COCONUT CREEK, FLORIDA 33073
PHONE: 954-973-4490
FAX: 954-978-5330

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COTLEUR & HEARING

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FAX: 239-461-3169

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GEOPOINT SURVEYING INC.
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TRAFFIC ENGINEER

PINDER TROUTMAN CONSULTING, INC.
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WEST PALM BEACH, FLORIDA
PHONE: 561-296-9698
FAX: 561-684-6336

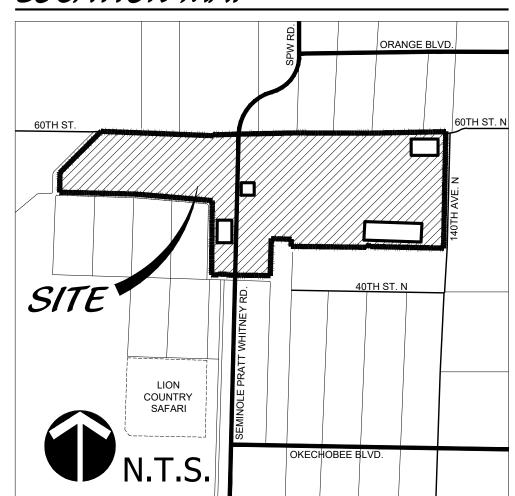
ENVIRONMENTAL CONSULTANT
EW CONSULTANTS, INC.
1000 SE MONTEREY COMMONS BLVD, SUITE 208
STUART, FLORIDA 34996
PHONE: 772-287-8771
MOBILE: 772-485-1700

CIVIL ENGINEER
SIMMONS & WHITE
5601 CORPORATE WAY, SUITE 200
WEST PALM BEACH, FLORIDA 33407
PHONE: 561-478-7848

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| Landscape Plan                     | LP6 |
| Landscape Specifications & Details | LP7 |

#### LOCATION MAP



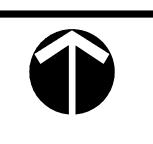


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tiake Wellness & Fitness
LANDSCAPE PLAN

| JCO<br>DEH |
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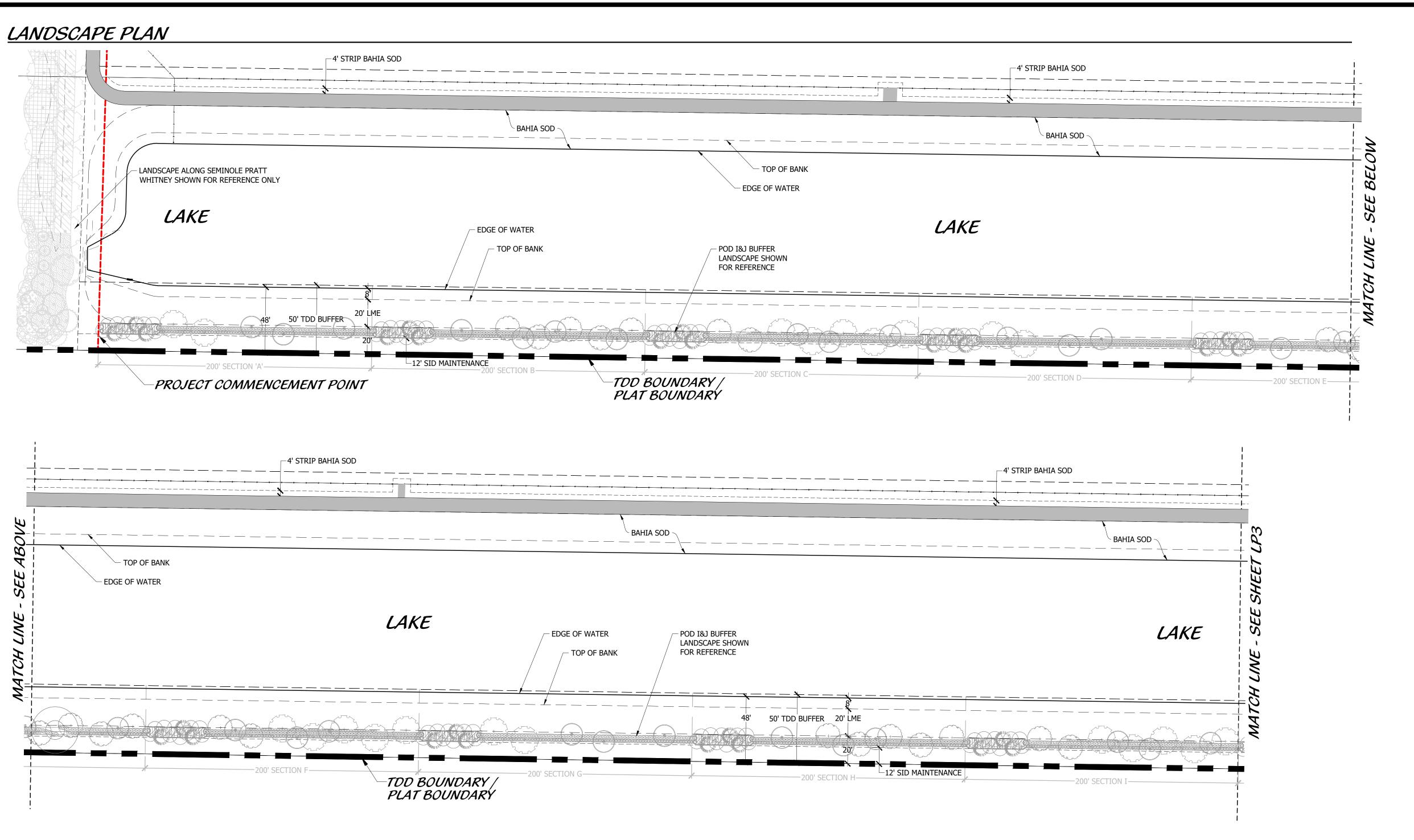


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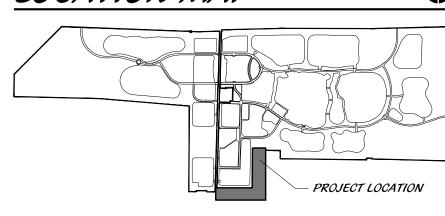
SHEET LP1 of 7

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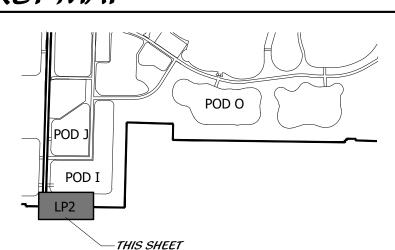
report any discrepancies to the architect.







#### KEY MAP



#### NOTES

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#### LEGEND

SID: SEMINOLE IMPROVEMENT DISTRICT ROW: RIGHT OF WAY

AC: ACRES

**UE: UTILITY EASEMENT** 

DE: DRIANGE EASEMENT LAE: LIMITED ACCESS EASEMENT

TTD: TRADITIONAL TOWN DEVELOPMENT ESMT: EASEMENT

CL: CENTER LINE

SW: SIDEWALK

PBC: PALM BEACH COUNTY

LME: LAKE MAINTENANCE EASEMENT WMT: WATER MANAGEMENT TRACT

> 48 HOURS BEFORE DIGGING CALL TOLL FREE SUNSHINE STATE ONE CALL

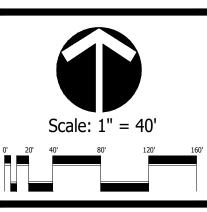
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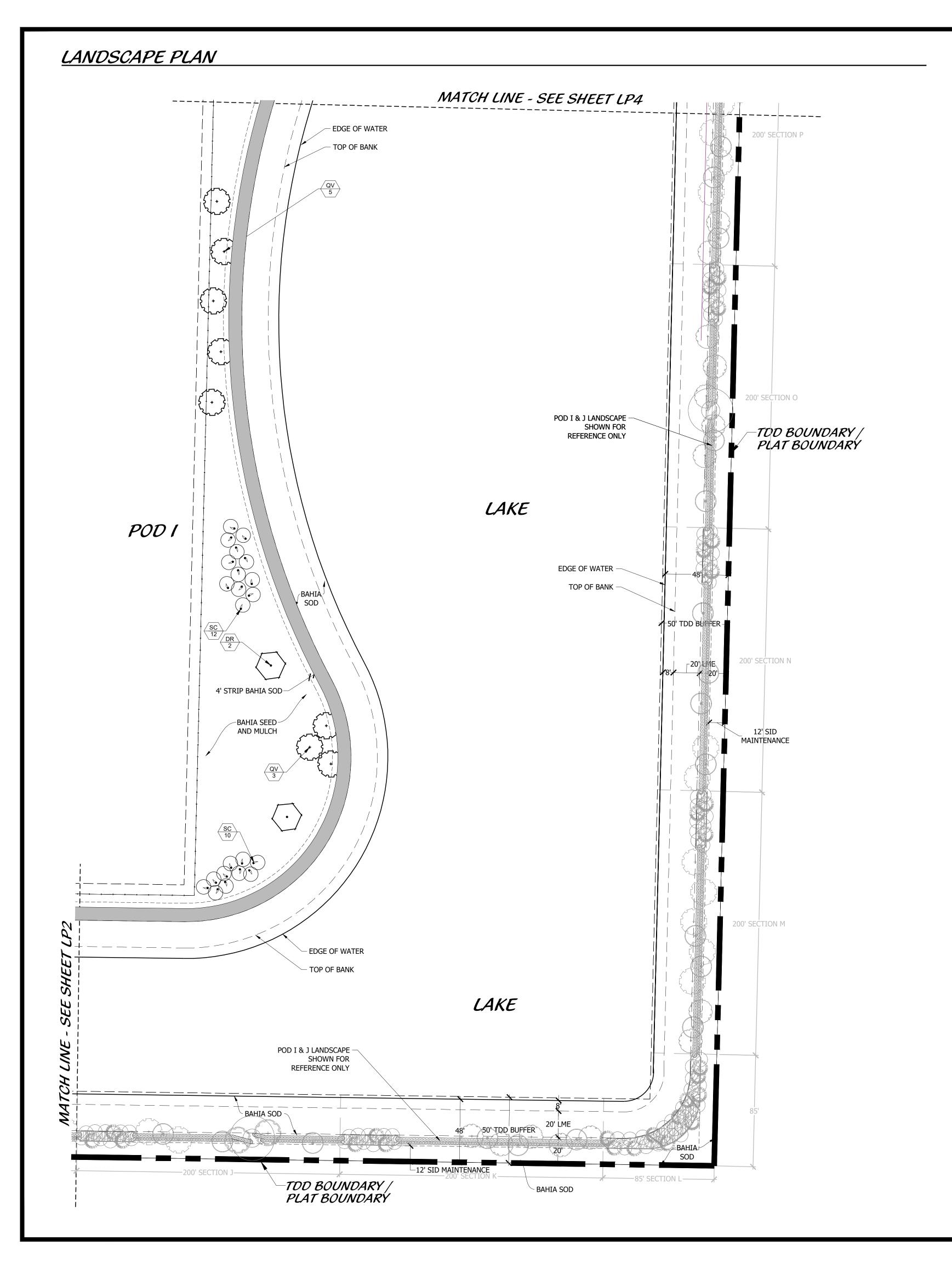
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HOURS BEFORE DIGGING CALL TOLL FREE

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

# LEGEND

SID: SEMINOLE IMPROVEMENT DISTRICT **ROW: RIGHT OF WAY** AC: ACRES

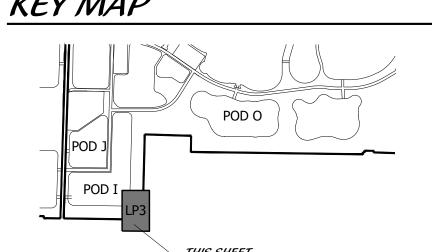
**UE: UTILITY EASEMENT** DE: DRIANGE EASEMENT

LAE: LIMITED ACCESS EASEMENT TTD: TRADITIONAL TOWN DEVELOPMENT

**ESMT: EASEMENT** CL: CENTER LINE SW: SIDEWALK

PBC: PALM BEACH COUNTY LME: LAKE MAINTENANCE EASEMENT

#### WMT: WATER MANAGEMENT TRACT



# NOTES

ADDITIONALLY, TREES 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 S.I.D.U.E. WITHOUT PRIOR S.I.D. APPROVAL AND ONLY SOD CAN BE INSTALLED WITHIN 7.5' OF A FIRE HYDRANT

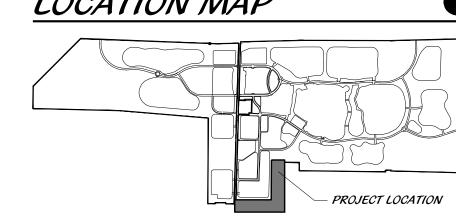
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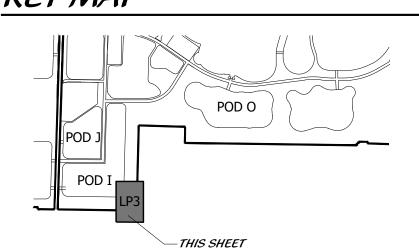
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|--------------------|------------------|----------------------------------|------------------------------------|----------------------------|-----------------|---|-------------|---|
| CANOPY TREES<br>DR | QTY<br>2         | BOTANICAL NAME<br>DELONIX REGIA  | COMMON NAME<br>ROYAL POINCIANA     | CONT<br>45 GAL             | CAL<br>2.5" CAL | <u>SIZE</u><br>12`-14` HT, 6`-8` SPRD   | NATIVE<br>N | REMARKS SINGLE STRAIGHT TRUNK. FULL CANOPY. FLORIDA FANCY.            |
| QV                 | 8                | QUERCUS VIRGINIANA               | LIVE OAK                           | FIELD GROWN                | 2.5" CAL        | 12`-14` HT, 6`-8` SPD                   | Y           | SINGLE, STRAIGHT<br>TRUNK. FULL CANOPY,<br>SYMMETRICAL. 6` CT<br>MIN. |
| PALM TREES<br>SC   | <u>QTY</u><br>22 | BOTANICAL NAME<br>SABAL PALMETTO | COMMON NAME<br>CURVED CABBAGE PALM | <u>CONT</u><br>FIELD GROWN | CAL<br>N/A      | <u>SIZE</u><br>18`, 22`, 26` O.A. STGG. | NATIVE<br>Y | REMARKS<br>STRONG, UNIQUE<br>CURVES, SLICK                            |









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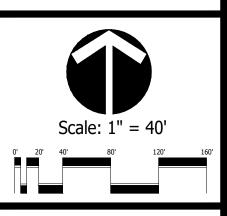
IMPROVEMENT DISTRICT.

TRUNKS.



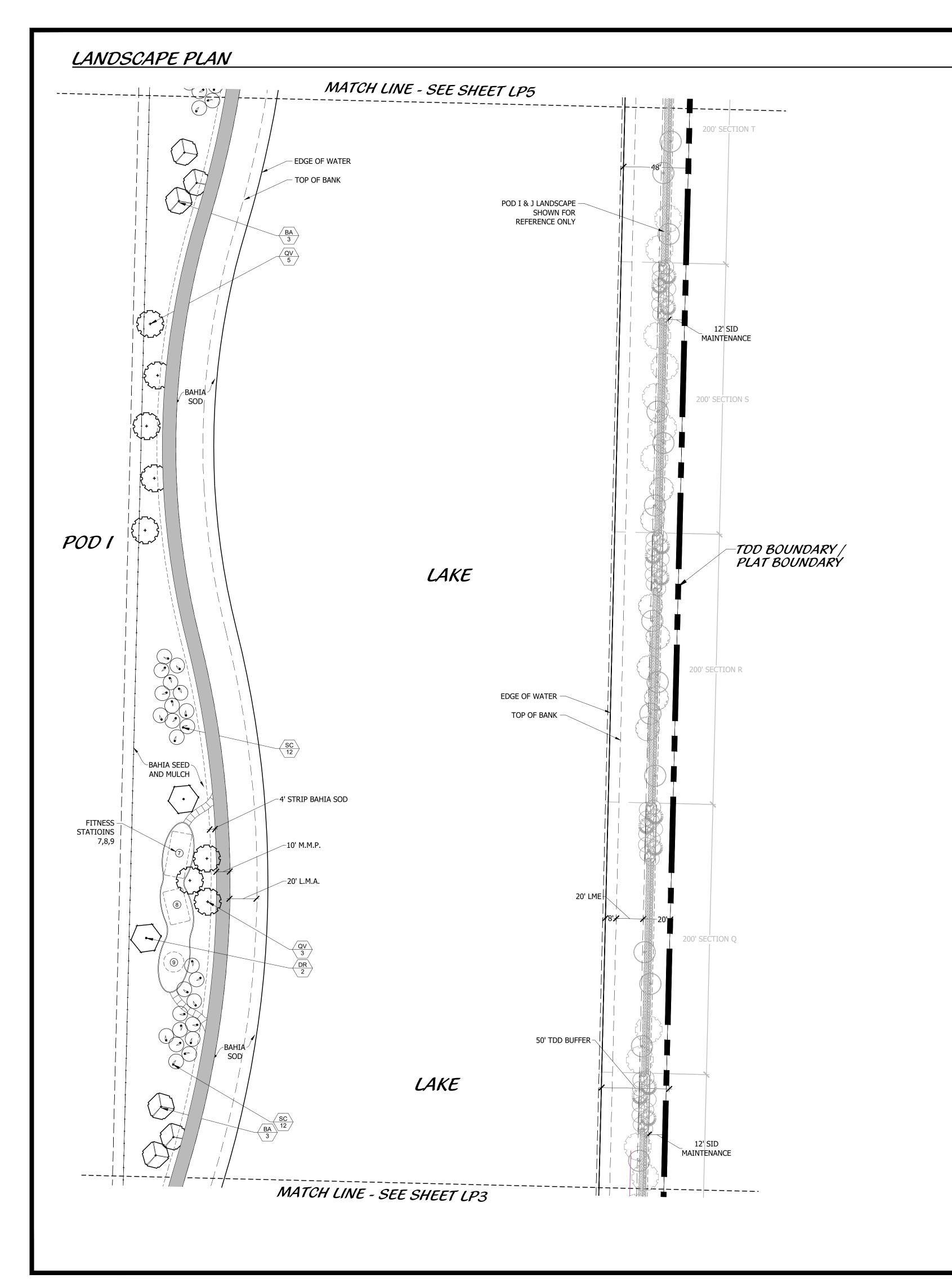
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|------------|------------|
| DRAWN      | JCO        |
| APPROVED   | DEH        |
| JOB NUMBER | 13-0518.94 |
| DATE       | 10-06-20   |
| REVISIONS  | 05-24-21   |
|            | 06-08-21   |
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48 HOURS BEFORE DIGGING CALL TOLL FREE

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

# LEGEND

SID: SEMINOLE IMPROVEMENT DISTRICT ROW: RIGHT OF WAY AC: ACRES

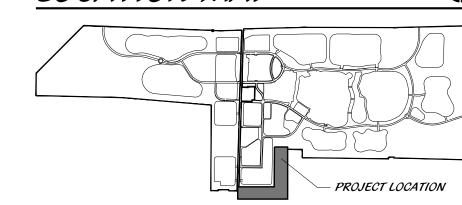
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DE: DRIANGE EASEMENT

LAE: LIMITED ACCESS EASEMENT TTD: TRADITIONAL TOWN DEVELOPMENT ESMT: EASEMENT

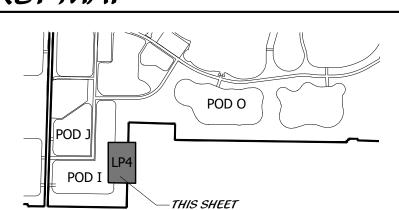
CL: CENTER LINE SW: SIDEWALK

PBC: PALM BEACH COUNTY
LME: LAKE MAINTENANCE EASEMENT
WMT: WATER MANAGEMENT TRACT

## LOCATION MAP



#### KEY MAP



#### NOTES

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FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION IF WORK IS BEING DONE WITHIN 10 FEET ON ANY SIGNAL EQUIPMENT.

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#### SHEET LP4 PLANT LIST - WEST OF LAKE

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| CANOPY TREES<br>BA | QTY<br>6  | BOTANICAL NAME<br>BULNESIA ARBOREA | COMMON NAME<br>VERAWOOD            | <u>CONT</u><br>65 GAL                        | <u>CAL</u><br>2.5" CAL | <u>SIZE</u><br>12`-14` HT, 6`-8` SPRD   | NATIVE<br>N | REMARKS<br>SINGLE STRAIGHT<br>TRUNK. FULL CANOPY.                    |
| DR                 | 2         | DELONIX REGIA                      | ROYAL POINCIANA                    | 45 GAL                                       | 2.5" CAL               | 12`-14` HT, 6`-8` SPRD                  | N           | SINGLE STRAIGHT<br>TRUNK. FULL CANOPY.<br>FLORIDA FANCY.             |
| QV                 | 8         | QUERCUS VIRGINIANA                 | LIVE OAK                           | FIELD GROWN                                  | 2.5" CAL               | 12`-14` HT, 6`-8` SPD                   | Y           | SINGLE, STRAIGHT<br>TRUNK. FULL CANOPY,<br>SYMMETRICAL. 6`CT<br>MIN. |
| PALM TREES<br>SC   | QTY<br>26 | BOTANICAL NAME<br>SABAL PALMETTO   | COMMON NAME<br>CURVED CABBAGE PALM | <u>CONT</u><br>FIELD GROWN                   | CAL<br>N/A             | <u>SIZE</u><br>18`, 22`, 26` O.A. STGG. | NATIVE<br>Y | REMARKS STRONG, UNIQUE CURVES, SLICK TRUNKS.                         |



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NDSCAPE PLAN

 DESIGNED
 DEH

 DRAWN
 JCO

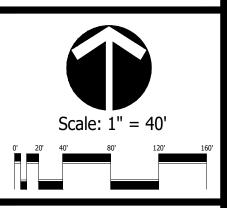
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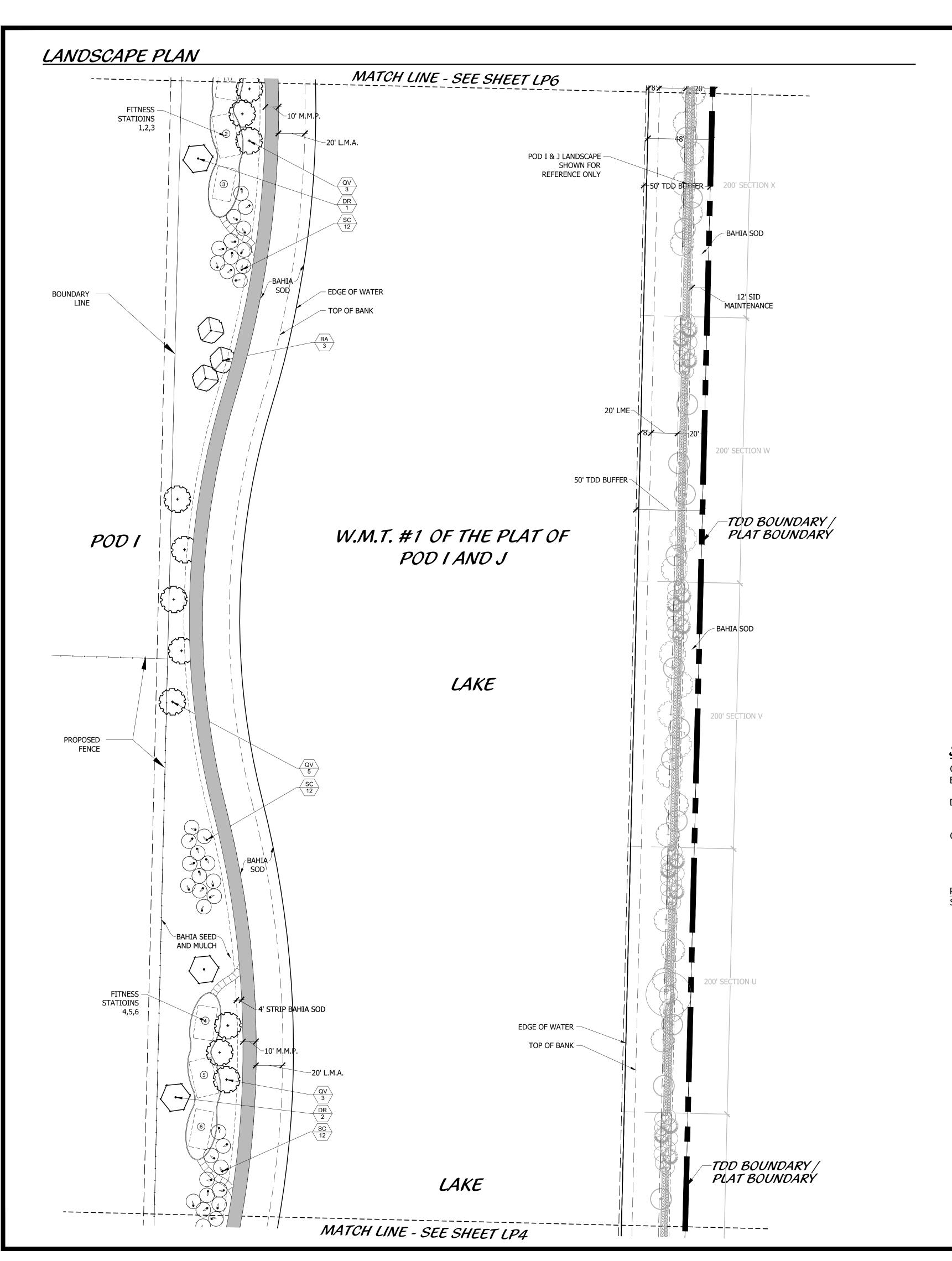
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CALL TOLL FREE

811

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

## LEGEND

SID: SEMINOLE IMPROVEMENT DISTRICT **ROW: RIGHT OF WAY** AC: ACRES

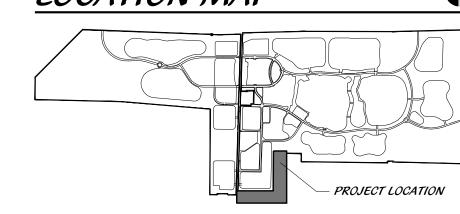
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LAE: LIMITED ACCESS EASEMENT TTD: TRADITIONAL TOWN DEVELOPMENT **ESMT: EASEMENT** 

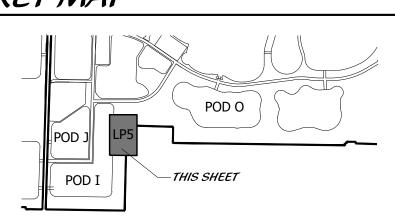
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## LOCATION MAP



#### KEY MAP



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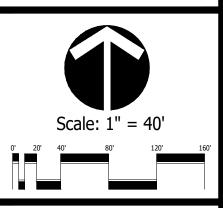
| SHEET L            | <u>P5 I</u> | PLANT LIST -                       | WEST OF LAK                        | (E                  |                 |   |             |  |
|--------------------|-------------|------------------------------------|------------------------------------|---------------------|-----------------|---|-------------|--|
| CANOPY TREES<br>BA | QTY<br>3    | BOTANICAL NAME<br>BULNESIA ARBOREA | COMMON NAME<br>VERAWOOD            | CONT<br>65 GAL      | CAL<br>2.5" CAL | <u>SIZE</u><br>12`-14` HT, 6`-8` SPRD   | NATIVE<br>N | REMARKS SINGLE STRAIGHT TRUNK. FULL CANOPY.                          |
| DR                 | 3           | DELONIX REGIA                      | ROYAL POINCIANA                    | 45 GAL              | 2.5" CAL        | 12`-14` HT, 6`-8` SPRD                  | N           | SINGLE STRAIGHT<br>TRUNK. FULL CANOPY.<br>FLORIDA FANCY.             |
| QV                 | 11          | QUERCUS VIRGINIANA                 | LIVE OAK                           | FIELD GROWN         | 2.5" CAL        | 12`-14` HT, 6`-8` SPD                   | Y           | SINGLE, STRAIGHT<br>TRUNK. FULL CANOPY,<br>SYMMETRICAL. 6`CT<br>MIN. |
| PALM TREES<br>SC   | QTY<br>34   | BOTANICAL NAME<br>SABAL PALMETTO   | COMMON NAME<br>CURVED CABBAGE PALM | CONT<br>FIELD GROWN | CAL<br>N/A      | <u>SIZE</u><br>18`, 22`, 26` O.A. STGG. | NATIVE<br>Y | REMARKS<br>STRONG, UNIQUE<br>CURVES, SLICK<br>TRUNKS.                |



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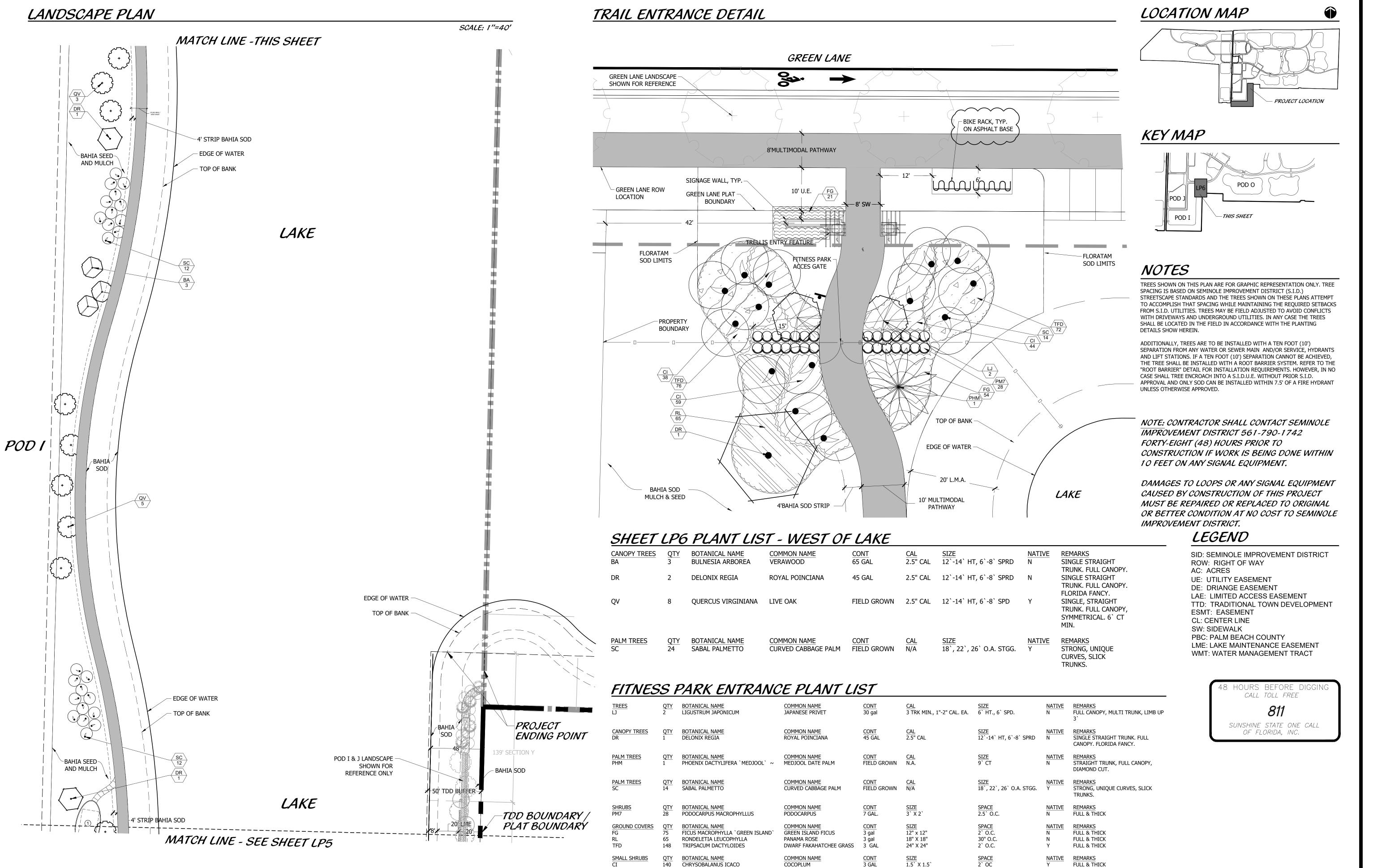
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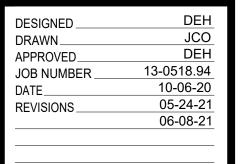
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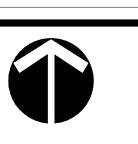




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PLANT SIZE AND QUALITY

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 URNISHED 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

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 ONE (1) PART RECYCLED ORGANIC MATERIAL ADDED TO THREE (3) PARTS EXISTING NATIVE SOIL.

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. REPLACEMENT SOIL MIX SHALL CONTAIN 60% SAND AND 40% MUCK. SAND SHALL BE 100% CLEAN NATIVE SAND SCREENED TO 1/4" AND MUCK SHALL BE 100% CLEAN ORGANIC NATIVE MUCK SCREENED TO 1/2". ALL SOIL SHALL BE MIXED PRIOR TO

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 BACKFILL MIXTURE FOR ALL PLANTS SHALL CONSIST OF MILORGANITE ACTIVATED SLUDGE MIXED WITH THE BACKFILL AT A RATE OF

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. (MN) MANGANESE AND (FE) IRON SOURCES MUST BE WATER SOLUBLE (SULFATÉD 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

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

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.

OT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHAL 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 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 THE PROJECT SITE.

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 CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS EOUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL O PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF 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 STANDARD PLANTING MIXTURE AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF STANDARD PLANTING MIXTURE BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH

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

#### 3. PLANTING SHRUBS

IMMEDIATELY AFTER PLANTING.

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 CONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS FOR POSITIONING AT PROPER HEIGHT. BACKFILL AROUND PLANTS WITH STANDARD PLANTING MIXTURE, 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.

SPACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW SPREADING OF ROOTS. COMPACT BACKFILLTO ELIMINATE VOIDS AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY. 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

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 T JOINTS IN ADJACENT COURSÉS. WORK SIFTED STANDARD PLANTING MIXTURE INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS ROYAL PALM TREES PLANTED WITHIN RIGHT OF WAYS SHALL BE REGULARLY MAINTAINED SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 HALL BE STAKED IN PLACE. ROLL OR STAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

#### **6. MISCELLANEOUS LANDSCAPE WORK**

LANDSCAPE MAINTENANCE

PLANTING BED PREPARATION

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.

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

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 SPECIFIED REPLACMENT SOIL.

ALL LANDSCAPE ISLANDS 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 SPECIFIED REPLACEMENT SOIL.

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 ARCHITECT. AT THE TIME OF CONDITIONAL ACCEPTANCE, THE SIX (6) MONTH PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED OR DECLINED TO THE POINT WHERE THEY NO LONGER MEET FLORIDA #1 CONDTION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL T 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 DIFFERENT ARRANGEMENT.

#### IRRIGATION

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. THE CONTRACTOR SHALL COORDINATE THE PLANTING AND TRIMMING OF 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

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.

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.

MINIMUM AND BACKFILLED WITH A SOIL MIX CONSISTING IF  $\frac{1}{3}$  NATIVE SOIL,  $\frac{1}{3}$  CLEAN SAND AND 1/2 COMPOSED COW MANURE OR COMPARABLE COMPOSED ORGANIC MATERIAL CLEARANCE BETWEEN LANDSCAPE AND UTILITIES WILL BE REVIEWED BY SEMINOLE IMPROVEMENT DISTRICT.

ALL LANDSCAPE ISLANDS AND MEDIANS SHALL BE EXCAVATED TO A DEPTH OF 30"

# 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

SO THAT FRONDS DO NOT FALL INTO THE RIGHT OF WAY. TREES SHALL HAVE A MINIMUM TWO FOOT SEPARATION FROM BIKE PATHS AND

#### OVERALL PLANT LIST - FITNESS TRAIL

| TREES<br>LJ        | QTY<br>2          | BOTANICAL NAME<br>LIGUSTRUM JAPONICUM                      | COMMON NAME<br>JAPANESE PRIVET         | CONT<br>30 gal      | CAL<br>3 TRK MIN., 1"-2" CAL. EA. | SIZE<br>6` HT., 6` SPD.                 | NATIVE<br>N | REMARKS<br>FULL CANOPY, MULTI TRUNK, LIMB UP<br>3`           |
|--------------------|-------------------|--|--|---------------------|-----------------------------------|---|-------------|--|
| CANOPY TREES<br>BA | <u>QTY</u><br>12  | BOTANICAL NAME<br>BULNESIA ARBOREA                         | COMMON NAME<br>VERAWOOD                | CONT<br>65 GAL      | CAL<br>2.5" CAL                   | <u>SIZE</u><br>12`-14` HT, 6`-8` SPRD   | NATIVE<br>N | REMARKS SINGLE STRAIGHT TRUNK. FULL CANOPY.                  |
| DR                 | 10                | DELONIX REGIA  | ROYAL POINCIANA                        | 45 GAL              | 2.5" CAL                          | 12`-14` HT, 6`-8` SPRD                  | N           | SINGLE STRAIGHT TRUNK. FULL<br>CANOPY. FLORIDA FANCY.        |
| QV                 | 35                | QUERCUS VIRGINIANA   | LIVE OAK                               | FIELD GROWN         | 2.5" CAL                          | 12`-14` HT, 6`-8` SPD                   | Υ           | SINGLE, STRAIGHT TRUNK. FULL CANOPY, SYMMETRICAL. 6` CT MIN. |
| PALM TREES<br>PHM  | QTY<br>1          | BOTANICAL NAME<br>PHOENIX DACTYLIFERA `MEDJOOL`            | COMMON NAME<br>MEDJOOL DATE PALM       | CONT<br>FIELD GROWN | CAL<br>N.A.                       | SIZE<br>9`CT                            | NATIVE<br>N | REMARKS STRAIGHT TRUNK, FULL CANOPY, DIAMOND CUT.            |
| PALM TREES<br>SC   | <u>QTY</u><br>120 | BOTANICAL NAME<br>SABAL PALMETTO                           | COMMON NAME<br>CURVED CABBAGE PALM     | CONT<br>FIELD GROWN | CAL<br>N/A                        | <u>SIZE</u><br>18`, 22`, 26` O.A. STGG. | NATIVE<br>Y | REMARKS<br>STRONG, UNIQUE CURVES, SLICK<br>TRUNKS.           |
| SHRUBS<br>PM7      | QTY<br>28         | BOTANICAL NAME<br>PODOCARPUS MACROPHYLLUS                  | COMMON NAME<br>PODOCARPUS              | CONT<br>7 GAL.      | SIZE<br>3` X 2`                   | <u>SPACE</u> 2.5` O.C.                  | NATIVE<br>N | REMARKS<br>FULL & THICK                                      |
| GROUND COVERS      | QTY               | BOTANICAL NAME   | COMMON NAME                            | CONT                | SIZE                              | SPACE                                   | NATIVE      | REMARKS  |
| FG                 | 75<br>65          | FICUS MACROPHYLLA `GREEN ISLAND`<br>RONDELETIA LEUCOPHYLLA | GREEN ISLAND FICUS                     | 3 gal               | 12" x 12"<br>18" X 18"            | 2` O.C.<br>30" O.C.                     | N           | FULL & THICK<br>FULL & THICK                                 |
| RL<br>TFD          | 65<br>148         | TRIPSACUM DACTYLOIDES                                      | PANAMA ROSE<br>DWARF FAKAHATCHEE GRASS | 3 gal<br>3 GAL      | 24" X 24"                         | 2` O.C.                                 | N<br>Y      | FULL & THICK   |
| SMALL SHRUBS<br>CI | <u>QTY</u><br>140 | BOTANICAL NAME<br>CHRYSOBALANUS ICACO                      | COMMON NAME<br>COCOPLUM                | CONT<br>3 GAL       | <u>SIZE</u> 1.5` X 1.5`           | SPACE<br>2` OC                          | NATIVE<br>Y | REMARKS<br>FULL & THICK                                      |

SOD QUANTITY APPROX. 1.800 SQ. FT. SOD IS TO BE BAHIA VARIETY UNLESS OTHERWISE NOTED ON PLANS

48 HOURS BEFORE DIGGING

CALL TOLL FREE

-800-432-4770

SUNSHINE STATE ONE CALL

LANDSCAPE DATA

AREA DESCRIPTION

**50' LANDSCAPE BUFFER** 

STARTING AT SOUTHWEST

PORTION OF POD J AND

NORTH TO WHERE POD J

INTERSECTS WITH POD O

CONTINUES EAST AND THEN 4,888

TOTAL

.ENGTH

CANOPY TREES

196 | 227

(L.F.) | REQ. | PROV.

OF FLORIDA, INC.

#### - W.M.T. BOUNDARY VARIES 20'-79 60' EASEMENT "G-2 VAPTES ±(20'-116') 2' SOD STRIP -SEED & MULCH OR HYDRO SEED 100' (MIN.) WATER SURFACE 10' ASPHALT PATHWAY 2% MAX. CROSS-SLOPE EDGE OF L.M.A. APPROX. EXISTING GRADE LINE ELEV. 19.5 ELEV. ±19.0 CONTRACTOR SHALL ENSURE SUBGRADE ELEVATION TO -8:1 MAX. -BE 1" BELOW PATHWAY TO ALLOW FOR POSITIVE SHEET FLOW ACROSS PATHWAY WHEN SOD IS TOP OF BANK — NSTALLED. CONTRACTOR WILL BE RESPONSIBLE FOR POSITIVE SHEET FLOW CONDITION TO REMAIN AFTER SOIL HAS SETTLED. EDGE OF WATER -CONTRACTOR SHALL ENSURE SUBGRADE ELEVATION TO -ELEV. 15.0 BE 3" BELOW PATHWAY TO ALLOW FOR POSITIVE SHEET FLOW ACROSS PATHWAY WHEN SOD IS INSTALLED. CONTRACTOR WILL BE RESPONSIBLE FOR POSITIVE SHEET 2:1 MAX WESTLAKE WELLNESS & FITNESS TRAIL TYPICAL SECTION ELEV. 3.0

# 

PLANT ROOT BALL SLIGHTLY ABOVE FINISHED

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

2"x4"x24" WOOD STAKE REMAINING 3" ABOVE GRADE

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

NTS

SIZE 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

-EXISTING SUBGRADE

LANDSCAPE AND ROOT BARRIER NOTE:

TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND

THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH

THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS

CONFLICTS WITH DRIVEWAYS AND UNDERGROUND UTILITIES. IN

FROM UTILITIES. TREES MAY BE FIELD ADJUSTED TO AVOID

ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN

ACCORDANCE WITH THE PLANTING DETAILS SHOW HEREON

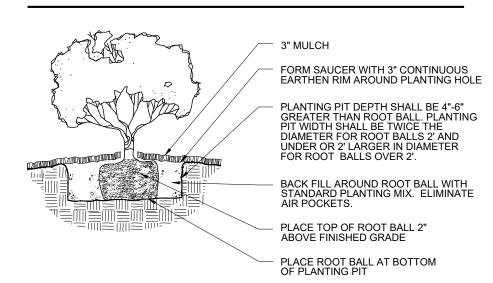
WOOD (WD)

HEIGHT VARIÉS

LARGE PALM PLANTING DETAIL

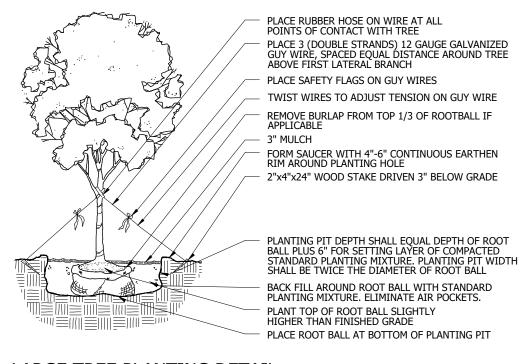
MEDJOOL, CANARY ISLAND, SYLVESTER DATE PALM, ETC.

#### PLANTING DETAILS



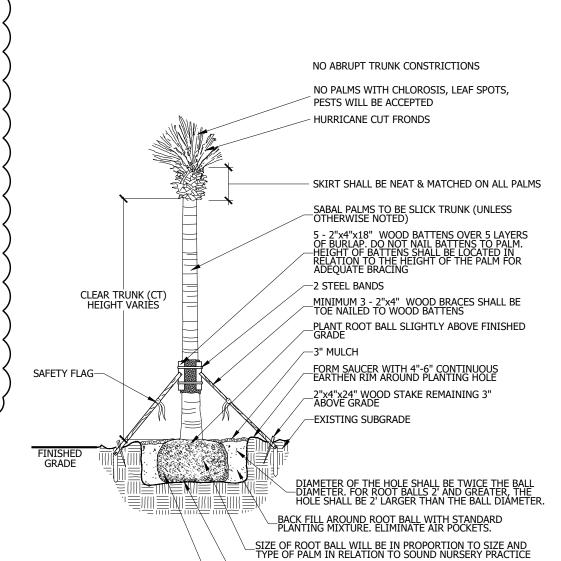
#### SHRUB/GROUNDCOVER PLANTING DETAIL

NTS



#### LARGE TREE PLANTING DETAIL

NTS



\_PLACE ROOT BALL AT BOTTOM OF PLANTING PIT ON UNDISTURBED SUBGRADE TO PREVENT SETTLING

ROOT PRUNE AND REGENERATE ROOTS
MINIMUM 8 WEEKS, MAXIMUM 12 WEEKS

#### SABAL PALM PLANTING DETAIL

COVER

**★** 1.5' MIN. **★** 

SEE NOTE 1 —

1. THIS DISTANCE SHALL 5' MINIMUM WITH ROOT BARRIER AND 10' MINIMUM IF NO ROOT BARRIER IS

3. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH SID AND INSPECTED BY SID

4. ROOT BARRIERS SHALL BE MINIMUM 60" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND

"ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.

5. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN

6. LARGE PALM TREES INCLUDE ROYAL, WASHINGTONIAN, BISMARK AND SIMILAR SIZED SPECIES.

TYP. LARGE TREE OR PALM WITH ROOT BARRIER

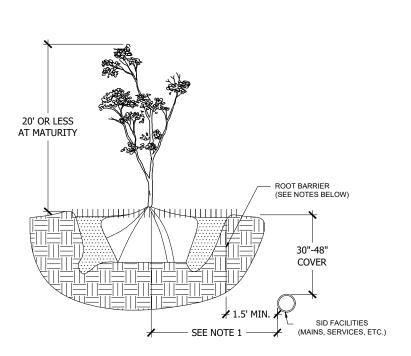
NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.

SEMINOLE IMPROVEMENT DISTRICT (SID)

2. ALL ROOT BARRIERS SHALL BE 1.5' MINIMUM FROM ALL SID FACILITIES.

NTS



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS) 1. THIS DISTANCE SHALL 3' MINIMUM WITH ROOT BARRIER AND 5' MINIMUM IF NO ROOT BARRIER IS USED. 2. ALL ROOT BARRIERS SHALL BE 1.5' MINIMUM FROM ALL SID FACILITIES.

3. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH SID AND INSPECTED BY SID PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE. 1. ROOT BARRIERS SHALL BE MINIMUM 60" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER. 5. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN

SEMINOLE IMPROVEMENT DISTRICT (SID) TYP. SMALL TREE OR PALM WITH ROOT BARRIER

DESIGNED DRAWN\_ APPROVED\_ 13-0518.88 JOB NUMBER 02-09-20 05-24-2 REVISIONS. 06-08-2

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