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 TANDARDS 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, /IGOROUS, 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 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

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.

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

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

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 THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE.

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.

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND

THERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS 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, FBRIS. UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SÍTE

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.

LL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSEUL ESTABLISHMENT AND SURVIVAL OF HE 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.

, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF STANDARD PLANTING MIXTURE EYOND 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 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 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 IGHTLY 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.

ALLOW SPREADING OF ROOTS. COMPACT BACKFILLTO 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.

OOSEN 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 OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED STANDARD PLANTING MIXTURE 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 PLANTING

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 ÍNSECTS AND DISEASES, FERTILIZÍNG 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 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 REPLACEMENT SOIL. LANDSCAPE WARRANTY

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 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 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 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, SAFETY SIGNAGE AND DIRECTIONAL SIGNAGE.

TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SIGNAGE AND SITE LIGHTING. LARGER TREES WILL BE PROVIDED AT INTERSECTIONS WHERE 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.

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

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.

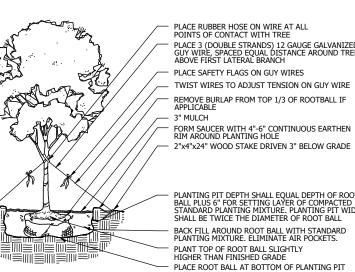
ADDITIONALLY, LARGE TREES OR PALMS ARE TO BE INSTALLED WITH A TEN FOOT (10') SEPARATION FROM ANY WATER OR SEWER MAIN AND/OR SERVICE, HYDRANTS AND LIFT STATIONS, IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE SHALL BE INSTALLED WITH A ROOT BARRIER SYSTEM. REFER TO THE "ROOT BARRIER" DETAIL 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

PLANTING DETAILS



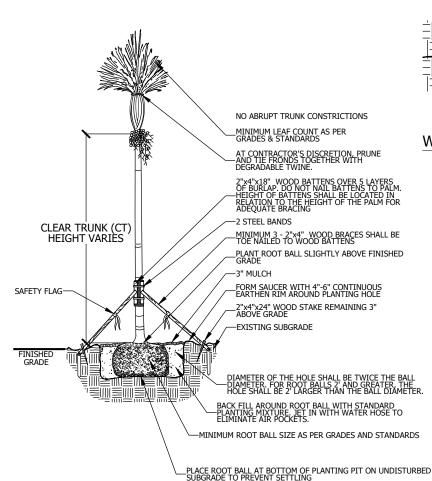
LARGE TREE PLANTING DETAIL CURB OR SIDEWALK-

SHRUB/GROUNDCOVER PLANTING DETAIL

__MINIMUM 3 - 2"x4" WOOD BRACES SHALL BE TOE NAILED TO WOOD BATTENS _PLANT ROOT BALL SLIGHTLY ABOVE FINISHED FORM SAUCER WITH 4"-6" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE BACK FILL AROUND ROOT BALL WITH STANDAR PLANTING MIXTURE. ELIMINATE AIR POCKETS. ' 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

LARGE PALM PLANTING DETAIL

MEDJOOL, CANARY ISLAND, SYLVESTER DATE PALM, ETC.



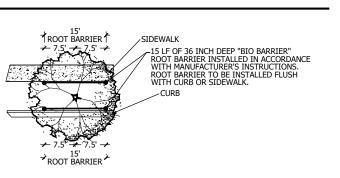
MEDIUM PALM PLANTING DETAIL WININ, MONTGOMERY, ALEXANDRA, ETC

SEE NOTE 1 NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS I. THIS DISTANCE SHALL 5' MINIMUM WITH ROOT BARRIER AND 10' MINIMUM IF NO ROOT

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 4. ROOT BARRIERS SHALL BE MINIMUM 60" DEEP, APPROVED PRODUCTS INCLUDE "DEEP 5. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S

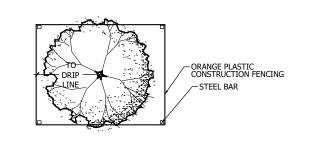
6. LARGE PALM TREES INCLUDE ROYAL, WASHINGTONIAN, BISMARK AND SIMILAR SIZED

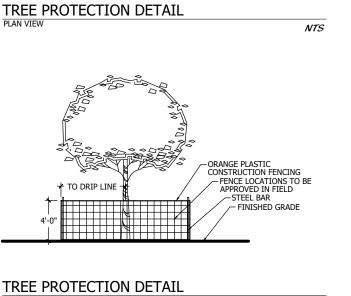
SEMINOLE IMPROVEMENT DISTRICT (SID) TYP. LARGE TREE OR PALM WITH ROOT BARRIER

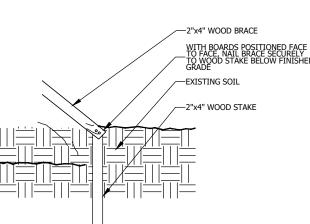


<u>ROOT BARRIER DETAIL</u> FINISHED GRADE - > CURB OR SIDEWALK

ROOT BARRIER DETAIL







48 HOURS BEFORE DIGGING

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OF FLORIDA, INC.

1-800-432-4770

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

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

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

SEMINOLE IMPROVEMENT DISTRICT (SID)

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

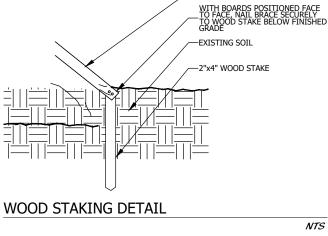
5. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN

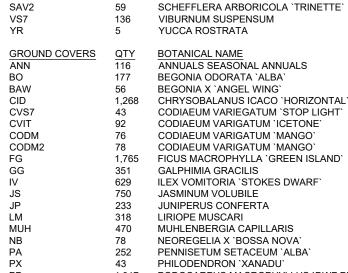
TYP. SMALL TREE OR PALM WITH ROOT BARRIER

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

1. THIS DISTANCE SHALL 3' MINIMUM WITH ROOT BARRIER AND 5' MINIMUM IF NO ROOT BARRIER IS

+MAX. 6'-7'+





PLANT LIST

CH25

ACCENT TREES

CANOPY TF

PALM TREE

SMALL TREE

PHONEIX RECLINATA

VEITCHIA MERRILLII

COCCOTHRINAX CRINITA

DICTYOSPERMA ALBUM

PHOENIX ROBELENII

GARCINIA SPICATA

JATROPHA STANDARD

BUI NESIA ARBOREA

BURSERA SIMARUBA

ELAEOCARPUS DECIPIENS

LIGUSTRUM JAPONICUM

QUERCUS VIRGINIANA

ILEX X ATTENUATA `EAGLESTON`

ADONIDIA MERRILLII DOUBLE

ADONIDIA MERRILLII TRIPLE

COCOS NUCIFERA 'MAYPAN

PTYCHOSPERMA ELEGANS

PTYCHOSPERMA ELEGANS

VEITCHIA MONTGOMERYANA

VEITCHIA MONTGOMERYANA

ELAEOCARPUS DECIPIENS

FILICIUM DECIPIENS

PHOENIX SYLVESTRIS

BOTANICAL NAME AECHMEA 'PINOT NOIR'

AGAVE 'GAINESVILLE BLUE

CODIAEUM VARIEGATUM `FRANKLIN ROOSEVELT`

CODIAEUM VARIEGATUM `FRANKLIN ROOSEVELT

PODOCARPUS MACROPHYLLUS 'DWF PRINGLES

FICUS MACROPHYLLA 'GREEN ISLAND'

CHRYSOBALANUS ICACO

CLUSIA FLAVA

DIOON MEJIAE

CLUSIA GUTTIFERA

CRINUM AUGUSTUM

DIOON SPINULOSUM

FURCRAFA FOFTIDA

PODOCARPUS MAKII

PODOCARPUS MAKII

PODOCARPUS MAKI

RHAPIS EXCELSA

MYRCIANTHES FRAGRANS

ROYSTONEA REGIA

CONOCARPUS ERECTUS 'SERICEUS'

ARCHONTOPHOENIX AI EXANDRAF

BISMARKIA NOBILIS 'SILVER SELEC' PHOENIX DACTYLIFERA 'MEDJOOL

LIVISTONIA DECIPIENS

PHOENIX ROBELENII

QUERCUS VIRGINIANA 'SKY CLIMBER

CLUSIA ROSEA

DELONIX REGIA

THRINAX MORRISII

CHAMAEROPS HUMILIS `SILVER SELECT

CHAMAEROPS HUMILIS 'SILVER SELECT'

BOUGAINVILLEA X `BARBARA KARST

BOUGAINVILLEA X 'BARBARA KARST'

POLYATHIA LONGIFOLIA 'PENDULA'

GARDENIA AUGUSTA 'MIAMI SUPREME'

SENEGAL DATE PALM

OLD MAN PALM

GARCINIA

PINK HIBISCUS

COMMON NAME

GUMBO LIMBO

INDIAN MAST TREE

LARGE LEAF CLUSIA

ROYAL POINCIANA

EAGLESTON HOLLY

LIVE OAK

LIGUSTRUM TREE FORM

SKY CLIMBER LIVE OAK

COCONUT PALM

PYGMY DATE PALM

MONTGOMERY PALM

JAPANESE FERN TREE

JAPANESE PRIVET

ALEXANDRA PALM

ROYAL PALM

COMMON NAME

SMALL LEAF CLUSIA

SMALL LEAF CLUSIA

MEXICAN CYCAD

SIMPSONS STOPPER

DWF PODOCARPUS

FALSE AGAVE

PODOCARPUS

PODOCARPUS

PODOCARPUS

COMMON NAME

LADY PALM

COCOPLUM

SILVER BISMARK PALM

MEDJOOL DATE PALM

SYLVESTER DATE PALM

PINOT NOIR BROMELIAD

GAINSVILLE BLUE AGAVE

FRANKLIN ROOSEVLET CROTON

FRANKLINROOSEVLET CROTON

GREEN ISLAND FICUS TOPIARY

DWARF VARIEGATED SCHEFFLERA

SANDANKWA VIBURNUM

GIANT WHITE ANGEL BEGONIA

QUEEN EMMA CRINUM LILY

COMMON NAME

RIBBON PALM

COMMON NAME DOUBLE CHRISTMAS PALM

TRIPLE CHRISTMAS PALM

SINGLE ALEXANDER PALM

TRIPLE ALEXANDER PALM

DOUBLE MONTGOMERY PALM

SILVER BUTTONWOOD TREE

JAPANESE BLUEBERRY TREE

JAPANESE BLUEBERRY TREE

SCREW PINE

VFRAWOOD

PRINCESS PALM

PYGMY DATE PALM

KEYS THATCH PALM

DOUBLE CHRISTMAS PALM

COMMON NAME EUROPEAN FAN SILVER SELECT

EUROPEAN FAN SILVER SELECT

COMMON NAME BARBARA KARST BOUGAINVILLEA

BARBARA KARST BOUGAINVILLEA

MIAMI SUPREME GARDENIA

FIELD GROWN

30 GAL

25 GAL

15 GAL

30 GAL

45 GAL

45 GAL

45 GAL

45 GAL

100 GAL

FIELD GROWN

2" CAL

2" CAL

CAL 2" CAL

2.5" CAL

2.5" CAL

2.5" CAL

2" CAL

FIELD GROWN 2.5" CAL

FIELD GROWN 8" CAL

FIELD GROWN 2" CAL

<u>CONT</u> FIELD GROWN

FIELD GROWN

B & B

B & B

15 - 20 GAL

FIELD GROWN NA

SIZE 24" X 24"

3`-4` HT

3, X 5,

3. OA

4` OA

6' OA

3, X3,

6' OA

4` X 2`

2.5` X 2.5`

1.5` X 1.5`

18" X 18"

18" X 18"

12" x 12"

18" X 18"

24" X 24"

18" X 18"

12" X 12"

18" X 18"

12" X 12"

18" X 18"

12" X 12"

12" X 12"

18" X 18"

24" X 24"

12" X 18"

18" X 18"

8" X 8"

30" X 30"

1.5` X 1.5`

2.5° X 2.5°

2.5` X 2.5`

FIELD GROWN

CONT 3 GAL 15 GAL

7 GAL

10 GAL

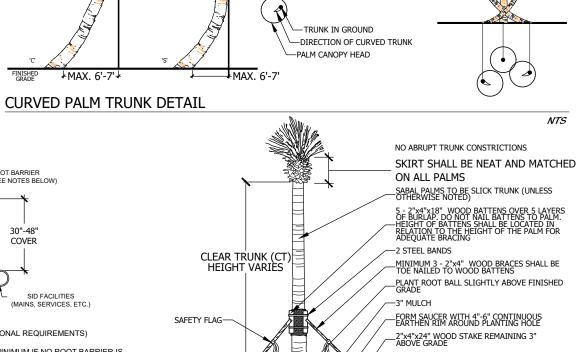
3 GAL

3 GAL

FIELD GROWN MULTI TRUNK



ANGEL WING BEGONIA DWARF COCOPLUM STOP LIGHT CROTON ICETONE CROTON MANGO CROTON GREEN ISLAND FICUS THRYALLIS **DWARF YAUPON HOLLY** WAX JASMINE SHIORE JUNIPER LIRIOPE PINK MUHLY GRASS **BOSSA NOVA BROMELIAD** White Leaved Fountain Grass PHILODENDRON - XANADU **DWF PODOCARPUS** DWF PODOCARPUS PANAMA ROSE DWARF VARIEGATED SCHEFFLERA SCHEFFLERA ARBORICOLA `TRINETTE



-EXISTING SUBGRADE DIAMETER OF THE HOLE SHALL BE TWICE THE BALL —DIAMETER. FOR ROOT BALLS 2' AND GREATER, THE HOLE SHALL BE 2' LARGER THAN THE BALL DIAMETER

BACK FILL AROUND ROOT BALL WITH STANDARD -PLANTING MIXTURE. JET IN WITH WATER HOSE TO ELIMINATE AIR POCKETS. -MINIMUM ROOT BALL SIZE AS PER GRADES & STANDARDS. _PLACE ROOT BALL AT BOTTOM OF PLANTING PIT ON UNDISTURBED SUBGRADE TO PREVENT SETTLING FOR REGENERATED PALMS, ROOT PRUNE MINIMUM 8 WEEKS, MAXIMUM 12 WEEKS SABAL PALM PLANTING DETAIL

18" X 18" I ANDCOADE DATA

AREA CALCULATIONS	S.F.	AC.	%
BUILDING COVERAGE	22,607	0.52	7.79%
VEHICULAR USE AREA	34,060	0.78	11.74%
SIDEWALKS & PLAZAS	42,807	0.98	14.76%
POOL, SPA AND POOL DECK	14,355	0.33	4.95%
COURTS (PHASE 1)	47,811	1.10	16.48%
COURTS (FUTURE)	17,408	0.40	6.00%
DOG PARK	10,482	0.24	3.61%
GREEN SPACE	100,557	2.31	34.66%
TOTAL SITE AREA	290,087	6.66	100.00%
VEHICULAR USE AREA - INTERIOR PLANTING	S.F./CODE	REQ.	PROV
GREEN SPACE / PERVIOUS AREA	10% VEH. USE AREA	3,406	4,106
CANOPY TREES	1 PER INTERIOR ISLAND	16	16
INTERIOR LANDSCAPE	S.F./CODE	REQ.	PROV.
GREEN SPACE / PERVIOUS AREA	100,557		
CANOPY TREES	1 PER 3,000 S.F.	34	>34
SHRUBS	1 PER 1,250 S.F.	81	>81
FOUNDATION PLANTING - AMENITY CENTER	L.F./CODE	REQ.	PROV.
640 L.F. (INC. COVERED PORCHES)			
	1/20 LF	32	32
CANOPY TREES OR PALMS	1/20 LI	J2	
CANOPY TREES OR PALMS SHRUBS/GROUNDCOVER	1/10 SF	320	>320
SHRUBS/GROUNDCOVER	•		
	1/10 SF	320	
SHRUBS/GROUNDCOVER	1/10 SF REQ.	320 PROV.	
SHRUBS/GROUNDCOVER PALM/SMALL TREE % OF REQ. TREES	1/10 SF REQ. 50% MAX.	320 PROV. 30.49%	

SIZE 5`- 6` O.A. HT.

18`-20` O.A.

6`-8` CT

3`-4` OA HT

8`-9` OA

4`-5` OA

7`-8` OA

4`-5` OA

4`-5` OA

10` HT

12` X 6`

14`-16` OA

4' HT X 3' SPRD

SIZE 12` HT X 4` SPRD

12' HT X 6' SPRD

12' HT X 6' SPRD

12' HT X 6' SPRD

12' HT X 4' SPRD

20" HT 8"-10" SPD

12' HT X 6' SPRD

5'-6' HT X 5' SPRD

8'-10' HT X 6' SPRD

8' CT, 15' OA HT

<u>SIZE</u> 6` HT X 5-6` SPRD

2, OC

7'-8' HT, MULTI TRUNK X 7' SPRD

12` -14` OA

6` - 8` GW

8'-10' CT

14`-16` OA

8'-10' CT

5` O.A., 5` SPRD

LANDSCAPE DETAILS



FULL HEADS, 8 CANES MIN. SPECIMEN. LA TO

MULTI TRUNK, FULL CANOPY, BOTANICS

MULTI TRUNK, FULL CANOPY, BOTANICS

MULTI-TRUNK, FULL CANOPY, 3 TRUNK MIN.

FULL & THICK, SPECIMAN, MATCHED

FULL & THICK SPECIMAN MATCHER

FULL CANOPY, MATCHED

FULL HEAD, DOUBLE TRUNK

FULL & THICK, TRIPLE STEM

FULL & THICK, MATCHED

FULL & THICK, COLUMNAR

FULL CANOPY, MATCHED

SINGLE STRAIGHT TRUNK. FULL CANOPY.

FULL & THICK CANOPY, SHEARED CONICAL

MATCHED, MULTI TRUNK, LIMB UP PER LA

SPECIMEN. FULL CANOPY. CHARACTER

TRUNK. MATCHED, CHERRY LAKE

FLORIDA FANCY, FULL TO BASE

FULL CANOPY. DOUBLE DUG

FULL CANOPY, 2 TRUNK MIN

FULL CANOPY, 3 TRUNK MIN

FULL CANOPY, CURVED TRUNK

DOUBLE TRUNK FULL CANOPY

SINGLE TRUNK, FULL CANOPY

FULL CANOPY, BUSH

FULL CANOPY

DIAMOND CUT.

FULL & THICK

FULL & THICK

FULL & THICK

FULL & THICK

FULL & THICK

FULL & THICK

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FULL & THICK

FULL & THICK

FULL CANOPY, MATCHED

MATCHED, FLORIDA FANCY

FULL & THICK, SUN GROWN

FULL & THICK, FLORIDA FANCY

FULL & THICK, SINGLE TRUNK

30" X 30" ROUND, FULL & THICK

FULL & THICK, NOT STRETCHED, FL FANCY

FULL & THICK. MATCHED

FULL, MATCHED, FANCY CUT TRUNK

MULTI-TRUNK, FULL CANOPY, 3 TRUNK MIN.

FULL CANOPY, TRIPLE, MATCHED, FL FANCY

FULL & THICK CANOPY, SHEARED CONICAL

SHAPE, FLORIDA FANCY, SINGLE STRAIGH

FULL CANOPY, SUN GROWN, FLORIDA FANCY

STRAIGHT TRUNK, FULL CANOPY, MATCHED,

TRUNK. MATCHED, CHERRY LAKE

FULL CANOPY, MULTI-STEM, LIMB UP

FULL HEAD MATCHING SPECIMEN

FULL CANOPY, SINGLE STEM, MATCHED

SHAPE. FLORIDA FANCY. SINGLE STRAIGHT

FULL CANOPY, 5° CT. SOUTH GROWN, MATCHED

WHOLESALE

FULL CANOPY

FULL & THICK

FULL & THICK

FULL CANOPY

FULL CANOPY

FULL CANOPY

FLORIDA FANCY.

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