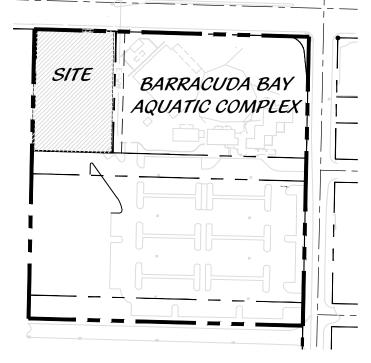


LOCATION KEY MAP

W. BLUE HERON BLVD.





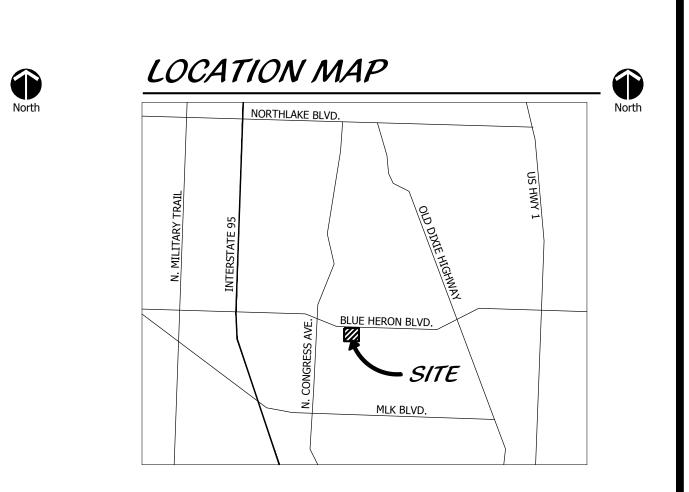


Exhibit 'B' - 02.20.2019 City Council Mtg.



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OF **2** 

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SHEET 1

### LANDSCAPE SPECIFICATIONS

### **<u>1. GENERAL LANDSCAPE REQUIREMENTS</u>**

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

### PLANT SIZE AND QUALITY

TREES, PALMS, SHRUBS, GROUNDCOVERS: PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS, NOMENCLATURE SHALL CONFORM TO STANDARD PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY.

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 CONTAINER.

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 ARCHITEC TO BE UNSUITABLE FOR PLANTING, IE. ROAD BASE, PAVEMENT, ETC. REPLACMENT 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 DELIVERY ON SITE.

MULCH SHALL BE SHREDDED MELALEUCA, EUCALYPTUS OR GRADE "A" RECYCLED. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3", EXCEPT AS OTHERWISE NOTED. 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% POTASSIUM

101A551011.	
FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES:	

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

1 GAL.	1/4 LB.	1
3 GAL.	1/3 LB.	3
7-15 GAL.	1/2 LB.	6
1"-6" CALIPER	2 LBS./1" CALIPER	2 PER 1" CALIPER
6" AND LARGER	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  $\frac{1}{2}$  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 LANDSCAPE ARCHITECT.

THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT. ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.

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

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT. ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT

ACCEPTABLE DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER AND A TREE BAR.

THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS 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 DROJECT SCIENCE.

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 CCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS.

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

### 2. PLANTING TREES

EXCAVATE PIT AS PER PLANTING DETAILS.

BACKFILL AROUND BALL WITH 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 EXCEPT WITHIN 6" OF TRUNK.

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 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 3" OF STEMS.

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 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. APPLY 3" OF MULCH OVER ENTIRE PLANTING BED, LIFTING PLANT FOLIAGE ABOVE MULCH.

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

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED STANDARD PLANTING MIXTURE INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOL 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 RASS, 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

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 DEFENDENT OF DEPARTMENT OF CLUMPER OF DEPARTMENT. 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 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 CONDITION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE 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 CONDITIONAL ACCEPTANCE PERIOD, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.

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### TREES & QUANTITY BOTANICAL COMMON CONT PALMS CAL SIZE BS BURSERA SIMARUBA GUMBO LIMBO 45 GAL. 2.5" CAL. 12` HT. X 5` SPRD. CLDS CLUSIA TREE 2.5" CAL. 12` HT. X 5` SPRD. CLUSIA ROSEA 65 GAL. 3 CM 2 COCCOTHRINAX MIRAGUAMA THATCH PALM FIELD GROWN N.A. 7` O.A. LIGUSTRUM JAPONICUM JAPANESE PRIVET 45 GAL. MULTI TRUNK 6` O.A., 6` SPRD. 2 PHOENIX SYLVESTRIS TRIPLE SYLVESTER DATE PALM PHS3 1 N.A. N.A. 8` G.W. QUERCUS VIRGINIANA LIVE OAK 65 GAL. 2.5" CAL. 12` HT. X 5` SPRD. QV 2 SP 10 SABAL PALMETTO STRAIGHT CABBAGE PALM N.A. N.A. 10`, 14`, 18` CT., STGG. VEITCHIA MONTGOMERYANA VM2 DOUBLE MONTGOMERY PALM N.A. 14` OA 1 N.A. QUANTITY BOTANICAL COMMON CONT SIZE SPACE SHRUBS 24" x 24" CLD CLUSIA GUTTIFERA CLUSIA 3 GAL 3' O.C. 147 PODOCARPUS MACROPHYLLUS PODOCARPUS 7 GAL 4` HT., 2` SPRD 2.5` O.C. PM 14 CHRYSOBALANUS ICACO COCOPLUM 3 GAL 18'' X18'' 2` 0.C. 190 CID CHRYSOBALANUS ICACO `HORIZONTAL` DWARF COCOPLUM 3 GAL 2` O.C. 12" X 12" 54 SCHEFFLERA ARBORICOLA `TRINETTE` DWARF VARIEGATED SCHEFFLERA 3 GAL. 18" X 18" 2` O.C. 72 SAV GROUND COVERS QUANTITY BOTANICAL COMMON CONT SPACE SIZE 12" O.C. BULBINE FRUTESCENS YELLOW BULBINE 3 GAL 12" x 12" 238 FG FICUS MACROPHYLLA `GREEN ISLAND` GREEN ISLAND FICUS 3 GAL 15" X 15" 2` O.C. 246 DWARF FAKAHATCHEE GRASS TRIPSACUM DACTYLOIDES 2` O.C. TFD 81 3 GAL 24" X 24"

### PLANT LIST

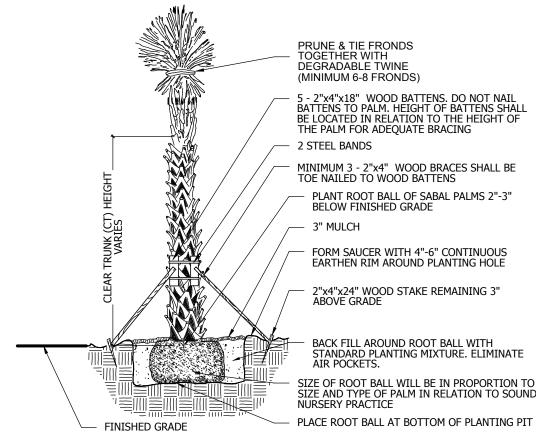
## LANDSCAPE NOTES

## PLANTING DETAILS

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 SHREDDED 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. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES OR OTHER OBSTRUCTIONS WHICH MAY INTERFERE WITH PLAN INSTALLATION CALL SUNSHINE ONE CALL SERVICE FOR UNDERGROUND UTILITY LOCATIONS 48 HOURS PRIOR TO ANY EXCAVATION OF DIGGING 1-800-432-4470. LANDSCAPE AND/OR SOD SHALL BE PLACED TO THE EDGE OF PAVEMENT FROM VEHICULAR AREAS, ADJACENT TO CANAL BANKS, LAKES OR OTHER LANDSCAPE AREAS. ALL MECHANICAL EOUIPMENT, IRRIGATION PUMPS FPL TRANSFORMERS, POOL PUMPS, ECT. SHALL BE SCREED ON A MINIMUM OF THREE SIDE BY LANDSCAPE SHRUBS. CORNER CLIP AND VISIBILITY TRIANGLES SHALL BE MAINTAINED FOR CLEAR SIGN /ISIBILITY FROM THIRTY (30) INCHED TO EIGHT FEET HIGH (TREE AND PALM TRUNKS FXCLUDFD). ROOT BARRIERS SHALL BE INSTALLED WHERE REQUIRED BY LOCAL UTILITY COMPANY OR OTHER REGULATING AGENCIES. WHERE FICUS SPECIES ARE USED, APPROPRIATE SETBACKS AND SAFEGUARDS (ROOT BARRIERS) SHALL BE REQUIRED. ALL TREES AND PALMS SHALL BE STAKED/GUYED IN ACCORDANCE WITH THE SPECIFICATIONS AND PLANTING DETAILS. ALL PLANTING BEDS SHALL BE SHAPED AND SLOPED TO PROVIDE PROPER DRAINAGE. LOCAL UTILITY AND FIRE RESCUE CLEARANCE ZONES SHALL BE PROVIDE AROUND ALL ABOVE GROUND OR AT GRADE METERS AND EQUIPMENT. STREET TREE LOCATIONS SHALL BE COORDINATED WITH DRIVEWAYS, STREET LIGHTS, UTILITIES AND FIRE HYDRANTS. THERE SHALL BE A MINIMUM SIX FEET SEPARATION BETWEEN LANDSCAPE AND UTILITIES, LANDSCAPE PLANTING SHALL BE IN CONFORMANCE WITH FPL GUIDELINES FOR SETBACKS FROM OVERHEAD UTILITY LINES. ALL PLANTING AREA SHALL BE EXCAVATED TO A DEPTH OF 30" MINIMUM AND BACKFILLED WITH A SOIL MIX CONSISTING IF <sup>1</sup>/<sub>2</sub> NATIVE SOIL, <sup>1</sup>/<sub>3</sub> CLEAN SAND AND <sup>1</sup>/<sub>3</sub> COMPOSED COW MANURE OR COMPARABLE COMPOSED ORGANIC MATERIAL. EASEMENTS SHALL NOT ENCROACH LANDSCAPE BUFFERS MORE THAN FIVE FEET. FDOT TYPE D OR F CURB SHALL BE PROVIDED ALONG THE PERIMETER OF ALL LANDSCAPE, OPEN SPACE, DRAINAGE AND GRADED AREAS ADJACENT TO PAVED VEHICULAR USE AREAS, EXCEPT WHÉRE WHEEL STOPS ARE PROVIDED. CORNER CLIPS AND VISIBILITY TRIANGLES SHALL BE MAINTAINED CLEAR OF VEGETATION TO PROVIDE UNOBSTRUCTED VISIBILITY BETWEEN 30" AND 8" ABOVE CROWN OF LIGHT POLES, FIRE HYDRANTS, ELECTRICAL/MECHANICAL EQUIPMENT, SIGNS, DRAINAGE STRUCTURES, ECT. SHALL BE INTERFERE WITH LANDSCAPING IN TERMINAL ISLANDS, INTERIOR ISLANDS, MEDIANS, DIAMONDS, BUFFERS OR OTHER LANDSCAPED AREAS.

## NOTE:

ALL LANDSCAPE AREAS (INCLUDING SOD) SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC SPRINKLER SYSTEM PROVIDING 120% COVERAGE WITH 50% OVERLAP OR SHALL UTILIZE A DRIP IRRIGATED SYSTEM / LOW VOLUME WATERING SYSTEM. NO LANDSCAPE INSTALLATION SHALL OCCUR UNTIL THE IRRIGATION SYSTEM IS OPERATIONAL, UNLESS APPROVAL IS GRANTED BY OWNER OR HIS REPRESENTATIVE, OR LANDSCAPE ARCHITECT



PALM PLANTING DETAIL

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 STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS. SIZE OF ROOT BALL WILL BE IN PROPORTION TO SIZE AND TYPE OF PALM IN RELATION TO SOUND

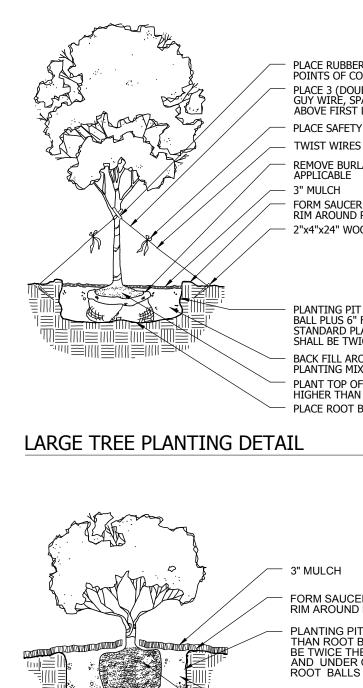
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# LANDSCAPE DATA

**1 TREE OR PALM** PER EVERY 1,500 SF

RATE OF GROWTH	DROUGHT TOLERANCE	SALT TOLERANCE	LIGHT REQ.	NUTRITIONAL REQ.	WIND RESISTANCE	ECOLOGICAL IMPORTANCE	REMARKS
MEDIUM	HIGH	MEDIUM	HIGH	LOW	MEDIUM	HIGH	FULL CANOPY, SINGLE STRAIGHT TRUNK, LIMB UP 4'
MEDIUM	HIGH	MEDIUM	HIGH	LOW	HIGH	HIGH	STANDARD, SINGLE STRAIGHT TRUNK, FULL CANOPY, LIMB UP 4'
LOW	HIGH	MEDIUM	HIGH	MEDIUM	HIGH	MEDIUM	STRAIGHT TRUNK, MATCHED
MEDIUM	MEDIUM	MEDIUM	HIGH	LOW	MEDIUM	MEDIUM	FULL CANOPY, MULTI-STEM, LIMB UP, FLORIDA FANCY
LOW	HIGH	MEDIUM	HIGH	MEDIUM	HIGH	MEDIUM	SPECIMEN, TRIPLE TRUNK, FULL CANOPY, DIAMOND CUT TRUNK
MEDIUM	HIGH	MEDIUM	MEDIUM	LOW	HIGH	HIGH	FULL CANOPY, SINGLE STRAIGHT TRUNK
MEDIUM	HIGH	MEDIUM	MEDIUM	LOW	HIGH	HIGH	SLICK TRUNK
MEDIUM	MEDIUM	MEDIUM	HIGH	MEDIUM	MEDIUM	MEDIUM	DOUBLE TRUNK, FULL CANOPY
RATE OF	DROUGHT	SALT		NUTRITIONAL	WIND	ECOLOGICAL	REMARKS
GROWTH	TOLERANCE	TOLERANCE	REQ.	REQ.	RESISTANCE	IMPORTANCE	
MEDIUM	MEDIUM	MEDIUM	HIGH	LOW	HIGH	MEDIUM	FULL & THICK
LOW	MEDIUM	MEDIUM	HIGH	LOW	MEDIUM	MEDIUM	FULL & THICK
MEDIUM	MEDIUM	MEDIUM	HIGH	LOW	HIGH	HIGH	FULL & THICK
MEDIUM	HIGH	MEDIUM	HIGH	LOW	HIGH	HIGH	FULL & THICK, NOT STRETCHED
MEDIUM	HIGH	MEDIUM	HIGH	LOW	HIGH	MEDIUM	FULL & THICK
RATE OF GROWTH	DROUGHT TOLERANCE	SALT TOLERANCE	LIGHT REQ.	NUTRITIONAL REQ.	WIND RESISTANCE	ECOLOGICAL IMPORTANCE	REMARKS
HIGH	HIGH	MEDIUM	HIGH	LOW	HIGH	MEDIUM	FULL & THICK
LOW	HIGH	MEDIUM	HIGH	LOW	MEDIUM	MEDIUM	FULL & THICK
MEDIUM	MEDIUM	MEDIUM	HIGH	LOW	HIGH	HIGH	FULL & THICK



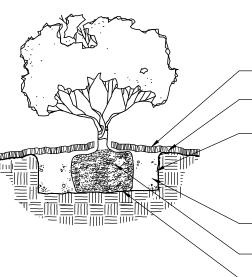


PLACE RUBBER HOSE ON WIRE AT ALL POINTS OF CONTACT WITH TREE PLACE 3 (DOUBLE STRANDS) 12 GAUGE GALVANIZED GUY WIRE, SPACED EQUAL DISTANCE AROUND TREE ABOVE FIRST LATERAL BRANCH PLACE SAFETY FLAGS ON GUY WIRES TWIST WIRES TO ADJUST TENSION ON GUY WIRE REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL IF APPLICABLE

FORM SAUCER WITH 4"-6" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE 2"x4"x24" WOOD STAKE DRIVEN 3" BELOW GRADE

PLANTING PIT DEPTH SHALL EQUAL DEPTH OF ROOT BALL PLUS 6" FOR SETTING LAYER OF COMPACTED STANDARD PLANTING MIXTURE. PLANTING PIT WIDTH SHALL BE TWICE THE DIAMETER OF ROOT BALL BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS. PLANT TOP OF ROOT BALL SLIGHTLY HIGHER THAN FINISHED GRADE PLACE ROOT BALL AT BOTTOM OF PLANTING PIT

NTS



FORM SAUCER WITH 3" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE

PLANTING PIT DEPTH SHALL BE 4"-6" GREATER THAN ROOT BALL. PLANTING PIT WIDTH SHALL BE TWICE THE DIAMETER FOR ROOT BALLS 2' AND UNDER OR 2' LARGER IN DIAMETER FOR ROOT BALLS OVER 2'.

BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIX. ELIMINATE AIR POCKETS. PLACE TOP OF ROOT BALL 2" ABOVE FINISHED

- PLACE ROOT BALL AT BOTTOM OF PLANTING PIT

SHRUB/GROUNDCOVER PLANTING DETAIL

NTS

REQUIRED	PROVIDED
19	19

3' - 02.20.2019 City	Council Mtg.

FIRE STATION #2	LANDSCAPE DETAILS	Riviera Beach, Florida

Cotleur &

Hearing

Environmental Consultants

561.747.6336 · Fax 747.1377

www.cotleurhearing.com

Landscape Architects

1934 Commerce Lane

Jupiter, Florida 33458

Lic# LC-26000535

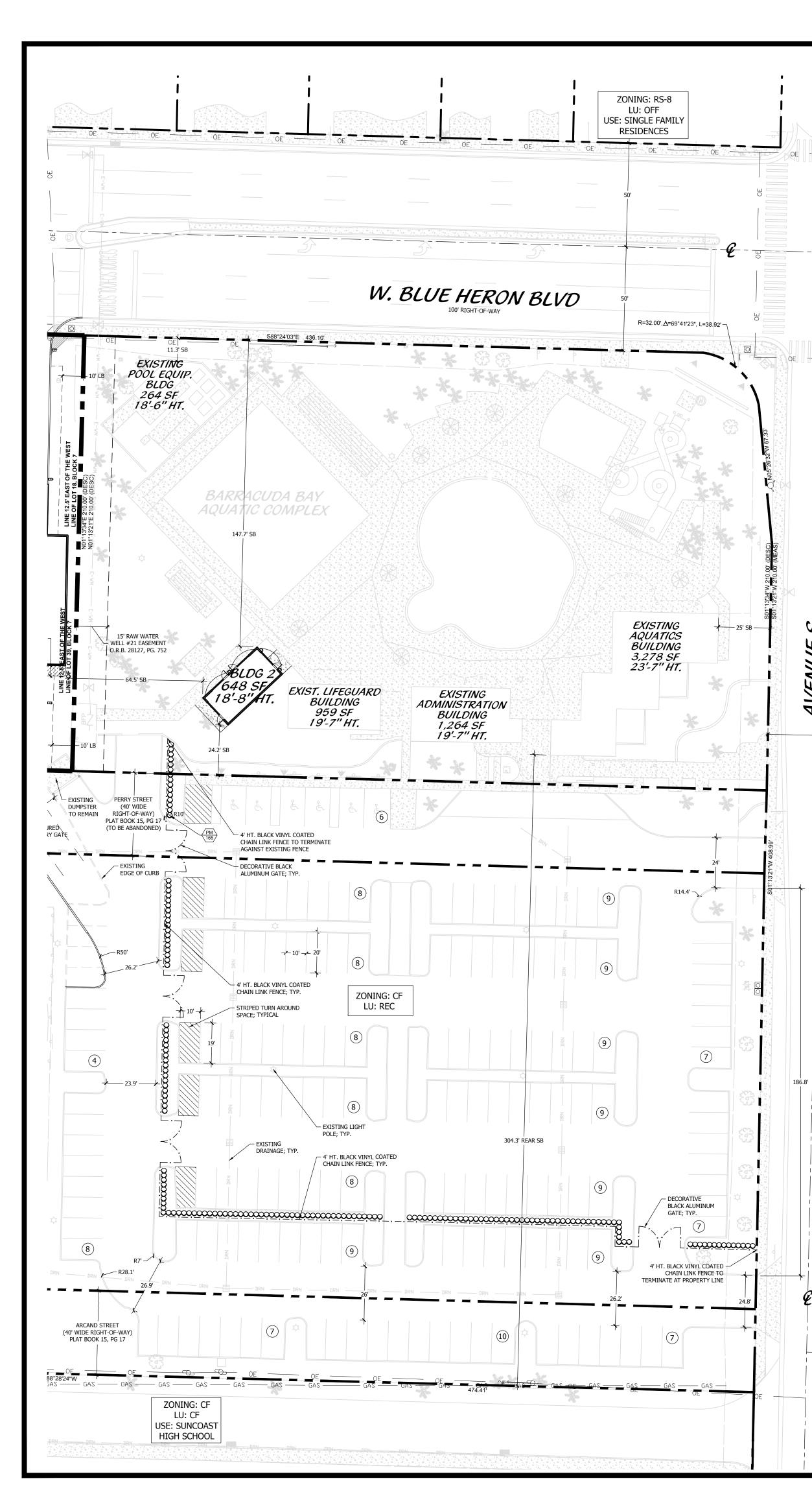
Land Planners

Suite 1

DESIGNED DRAWN APPROVED JOB NUMBER DATE REVISIONS	NP JAE DEH 18-0501 08-31-18 10-18-18 12-03-18 01-07-19
	01-31-19

January 30, 2019 4:57:38 p.r Drawing: 18-0501 LP.DWG

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# LANDSCAPE SPECIFICATIONS

### **1. GENERAL LANDSCAPE REQUIREMENTS**

 $\bowtie$ 

\_\_\_\_

ZONING: CN

LU: COM

USE: RETAIL

RESTAURANT

ZONING: CF

LU: CF USE: CHURCH

ZONING: RS-8

USE: SINGLE

FAMILY RESIDENCES

(PLATTED PERRY STREET)

GW. 22ND

STREET

40' WIDE RIGHT-OF-WAY

ZONING: RS-8

LU: SF

USE: SINGLE FAMILY

RESIDENCES

PLAT BOOK 15, PAGE 17

40' WIDE RIGHT-OF-WAY

PLAT BOOK 15, PAGE 17

LU: SF

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

BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. 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 CONTAINER. 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 ARCHITEC TO BE UNSUITABLE FOR PLANTING, IE. ROAD BASE, PAVEMENT, ETC. REPLACMENT 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 DELIVERY ON SIT

MULCH SHALL BE SHREDDED MELALEUCA, EUCALYPTUS OR GRADE "A" RECYCLED. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3", EXCEPT AS OTHERWISE NOTED. 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. ABLET FERTILIZER (AGRIFÖRM OR EQUAL) IN 21 GRAM SIZE SHALL MEET THE FOLLOWING RÉQUIREMENTS: 20% NITROGEN, 10% PHOSPHORUS AND 5% POTASSIUM.

FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES: AGRIFORM TABLETS (21 GRAM) PLANT SIZE 16-7-12

1"-6" CALIPER 2 LBS./1" CALIPER 2 PFR 1" CALTPE

6" AND LARGER 3 LBS./1" CALIPER 2 PFR 1" CAI IPFF

"FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF 1/2 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 LANDSCAPE ARCHITECT. THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BI ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT. ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.

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

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT. ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT ACCEPTABLE. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER

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.

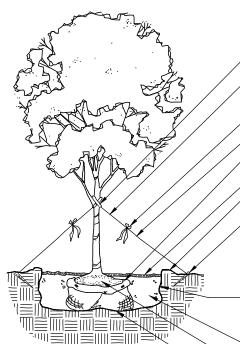
UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS. ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE

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

# PLANT LIST

							NATIVE	RATE OF	DROUGHT	SALT	LIGHT	NUTRITIONAL	WIN
SHRUBS	QUANTITY	BOTANICAL	COMMON	CONT	SIZE	SPACE	NATIVE	GROWTH	TOLERANCE	TOLERANCE	REQ.	REQ.	RESIST
PM	165	PODOCARPUS MACROPHYLLUS	PODOCARPUS	7 GAL.	4` HT., 2` SPRD	2.5` O.C.	N	LOW	MEDIUM	MEDIUM	HIGH	LOW	MEDI

# PLANTING DETAILS



PLACE RUBBER HOSE ON WIRE AT ALL POINTS OF CONTACT WITH TREE

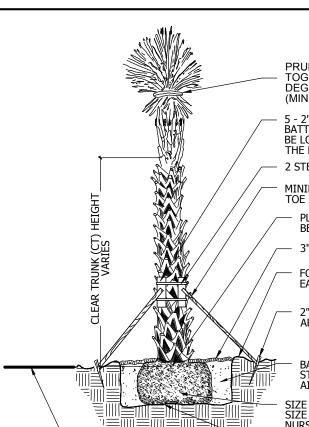
 PLACE 3 (DOUBLE STRANDS) 12 GAUGE GALVANIZED GUY WIRE, SPACED EQUAL DISTANCE AROUND TREE ABOVE FIRST LATERAL BRANCH PLACE SAFETY FLAGS ON GUY WIRES

TWIST WIRES TO ADJUST TENSION ON GUY WIRE REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL IF APPLICABLE

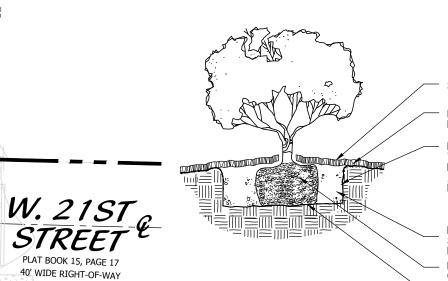
3" MULCH FORM SAUCER WITH 4"-6" CONTINUOUS EARTHEN RIM AROUND PLANTING HOLE 2"x4"x24" WOOD STAKE DRIVEN 3" BELOW GRADE

PLANTING PIT DEPTH SHALL EQUAL DEPTH OF ROOT BALL PLUS 6" FOR SETTING LAYER OF COMPACTED STANDARD PLANTING MIXTURE. PLANTING PIT WIDTH SHALL BE TWICE THE DIAMETER OF ROOT BALL - BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS. PLANT TOP OF ROOT BALL SLIGHTLY HIGHER THAN FINISHED GRADE PLACE ROOT BALL AT BOTTOM OF PLANTING PIT

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FINISHED GRADE PALM PLANTING DETAIL



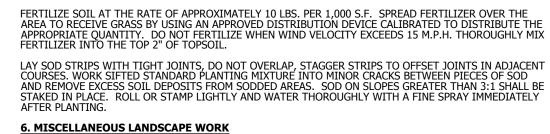
LARGE TREE PLANTING DETAIL

3" MULCH FORM SAUCER WITH 3" CONTINUOUS EARTHEN

**RIM AROUND PLANTING HOLE** PLANTING PIT DEPTH SHALL BE 4"-6" GREATER PLAINTING PTT DEPTH SHALL BE 4"-6" GREATEF THAN ROOT BALL. PLANTING PIT WIDTH SHALL BE TWICE THE DIAMETER FOR ROOT BALLS 2' AND UNDER OR 2' LARGER IN DIAMETER FOR ROOT BALLS OVER 2'.

BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIX. ELIMINATE AIR POCKETS PLACE TOP OF ROOT BALL 2" ABOVE FINISHED PLACE ROOT BALL AT BOTTOM OF PLANTING PIT

SHRUB/GROUNDCOVER PLANTING DETAIL



DO NOT REMOVE MORE THAN 15% OF BRANCHES.

4. PLANTING GROUND COVER

SEVERAL DAYS OR AS NEEDED.

5. PLANTING LAWNS

PRIOR TO LAYING.

2. PLANTING TREES

3. PLANTING SHRUBS

EXCAVATE PIT AS PER PLANTING DETAILS.

EXCEPT WITHIN 6" OF TRUNK.

LANDSCAPE MAINTENANCE

MAINTAIN LANDSCAPE WORK UNTIL FINAL ACCEPTANCE IS ISSUED BY THE OWNER'S REPRESENTATIVE. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZING AND SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT MATERIAL. PLANT MATERIAL SUBSTITUTION

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

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.

## 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, 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.

LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN BEHIND. 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 3" OF

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE.

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

SODDING: SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS 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 NOT CREATE MUDDY SOIL CONDITION.

TIME 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 CONDITION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM ACTS OF GOD SUCH AS LIGHTNING, VANDAUTEM AND AUTOMODITIES OF FORM NEED VERDER FOR ACTS OF GOD SUCH AS LIGHTNING,

	ECOLOGICAL		
ICE	IMPORTANCE	REMARKS	
Л	MEDIUM	FULL & THICK	

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

5 - 2"X4"X18" WOOD BATTENS. DO NOT NAIL BATTENS TO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING - 2 STEEL BANDS

MINIMUM 3 - 2"x4" WOOD BRACES SHALL BE TOE NAILED TO WOOD BATTENS - PLANT ROOT BALL OF SABAL PALMS 2"-3" BELOW FINISHED GRADE 3" MULCH

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

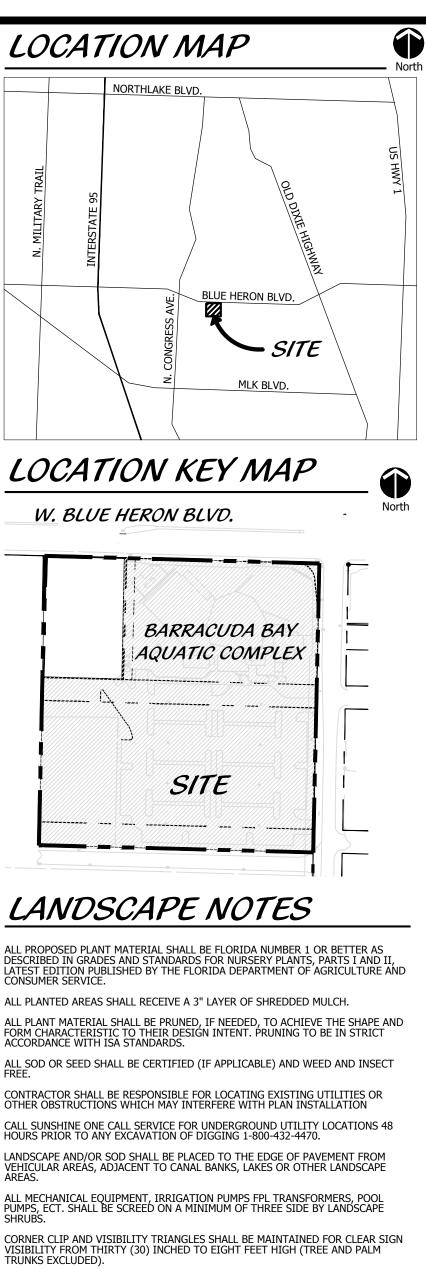
2"x4"x24" WOOD STAKE REMAINING 3" ABOVE GRADE

BACK FILL AROUND ROOT BALL WITH STANDARD PLANTING MIXTURE. ELIMINATE AIR POCKETS. IZE OF ROOT BALL WILL BE IN PROPORTION TO IZE AND TYPE OF PALM IN RELATION TO SOUND NURSERY PRACTICE

PLACE ROOT BALL AT BOTTOM OF PLANTING PIT

Exhibit 'B' - 02.20.2019 City Council Mtg.

NTS



ROOT BARRIERS SHALL BE INSTALLED WHERE REQUIRED BY LOCAL UTILITY COMPANY OR OTHER REGULATING AGENCIES. WHERE FICUS SPECIES ARE USED, APPROPRIATE SETBACKS AND SAFEGUARDS (ROOT BARRIERS) SHALL BE REQUIRED. ALL TREES AND PALMS SHALL BE STAKED/GUYED IN ACCORDANCE WITH THE SPECIFICATIONS AND PLANTING DETAILS. ALL PLANTING BEDS SHALL BE SHAPED AND SLOPED TO PROVIDE PROPER DRAINAGE. LOCAL UTILITY AND FIRE RESCUE CLEARANCE ZONES SHALL BE PROVIDE AROUND ALL ABOVE GROUND OR AT GRADE METERS AND EQUIPMENT. STREET TREE LOCATIONS SHALL BE COORDINATED WITH DRIVEWAYS, STREET LIGHTS, UTILITIES AND FIRE HYDRANTS. THERE SHALL BE A MINIMUM SIX FEET SEPARATION BETWEEN LANDSCAPE AND UTILITIES, LANDSCAPE PLANTING SHALL BE IN CONFORMANCE WITH FPL GUIDELINES FOR SETBACKS FROM OVERHEAD UTILITY LINES.

ALL PLANTING AREA SHALL BE EXCAVATED TO A DEPTH OF 30" MINIMUM AND BACKFILLED WITH A SOIL MIX CONSISTING IF 1/3 NATIVE SOIL, 1/3 CLEAN SAND AND 1/2 COMPOSED COW MANURE OR COMPARABLE COMPOSED ORGANIC MATERIAL. EASEMENTS SHALL NOT ENCROACH LANDSCAPE BUFFERS MORE THAN FIVE FEET. FDOT TYPE D OR F CURB SHALL BE PROVIDED ALONG THE PERIMETER OF ALL LANDSCAPE, OPEN SPACE, DRAINAGE AND GRADED AREAS ADJACENT TO PAVED VEHICULAR USE AREAS, EXCEPT WHERE WHEEL STOPS ARE PROVIDED. CORNER CLIPS AND VISIBILITY TRIANGLES SHALL BE MAINTAINED CLEAR OF VEGETATION TO PROVIDE UNOBSTRUCTED VISIBILITY BETWEEN 30" AND 8" ABOVE CROWN OF PAVEMENT.

LIGHT POLES, FIRE HYDRANTS, ELECTRICAL/MECHANICAL EQUIPMENT, SIGNS, DRAINAGE STRUCTURES, ECT. SHALL BE INTERFERE WITH LANDSCAPING IN TERMINAL ISLANDS, INTERIOR ISLANDS, MEDIANS, DIAMONDS, BUFFERS OR OTHER LANDSCAPED AREAS.

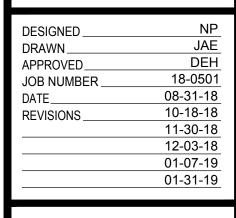
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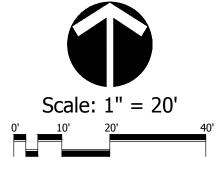
ALL LANDSCAPE AREAS (INCLUDING SOD) SHALL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC SPRINKLER SYSTEM PROVIDING 120% COVERAGE WITH 50% OVERLAP OR SHALL UTILIZE A DRIP IRRIGATED SYSTEM / LOW VOLUME WATERING SYSTEM NO LANDSCAPE INSTALLATION SHALL OCCUR UNTIL THE IRRIGATION SYSTEM IS OPERATIONAL, UNLESS APPROVAL IS GRANTED BY OWNER OR HIS REPRESENTATIVE, OR LANDSCAPE ARCHITECT

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January 30, 2019 4:57:38 p.r Drawing: 18-0501 LP.DW

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