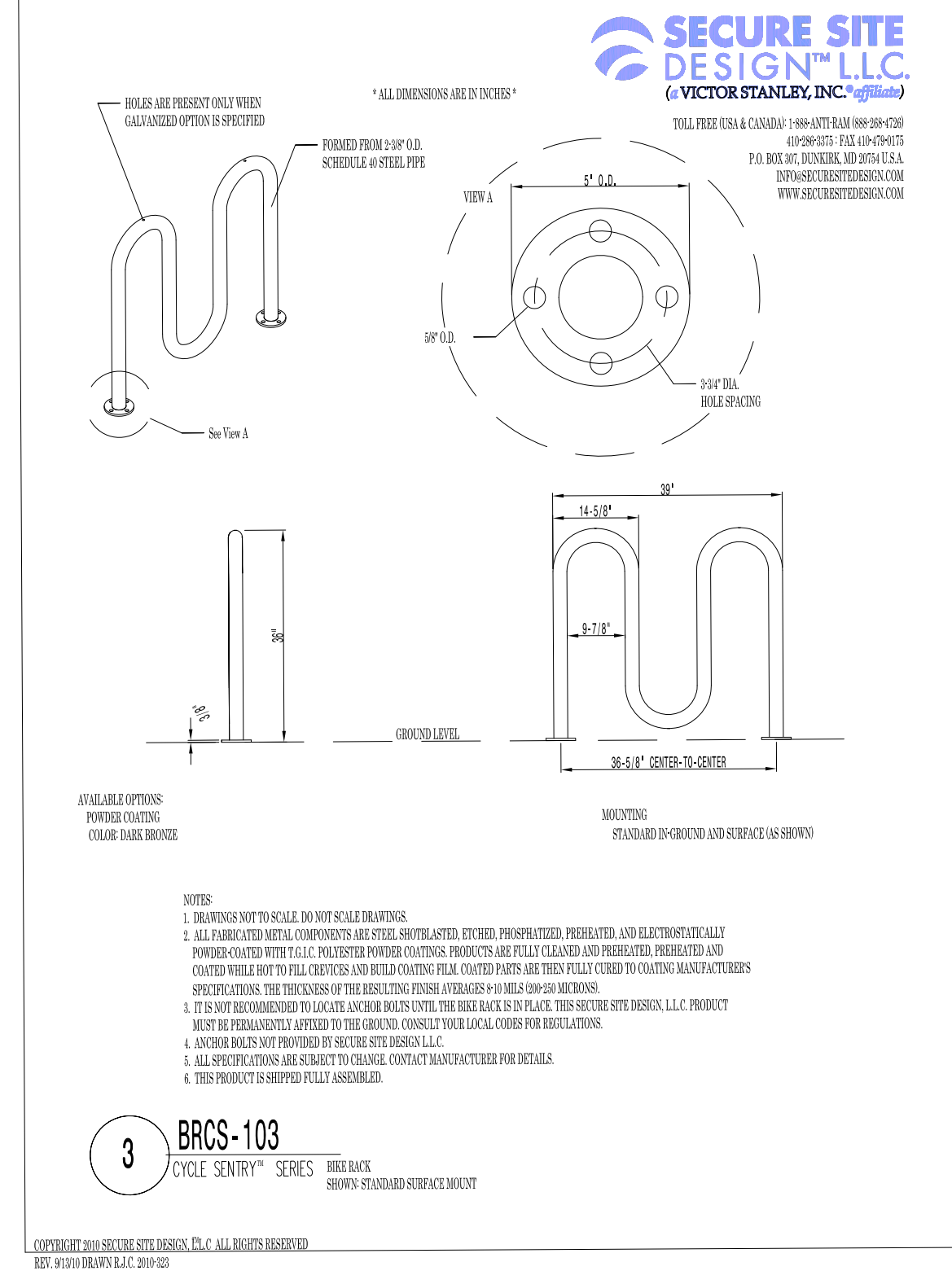
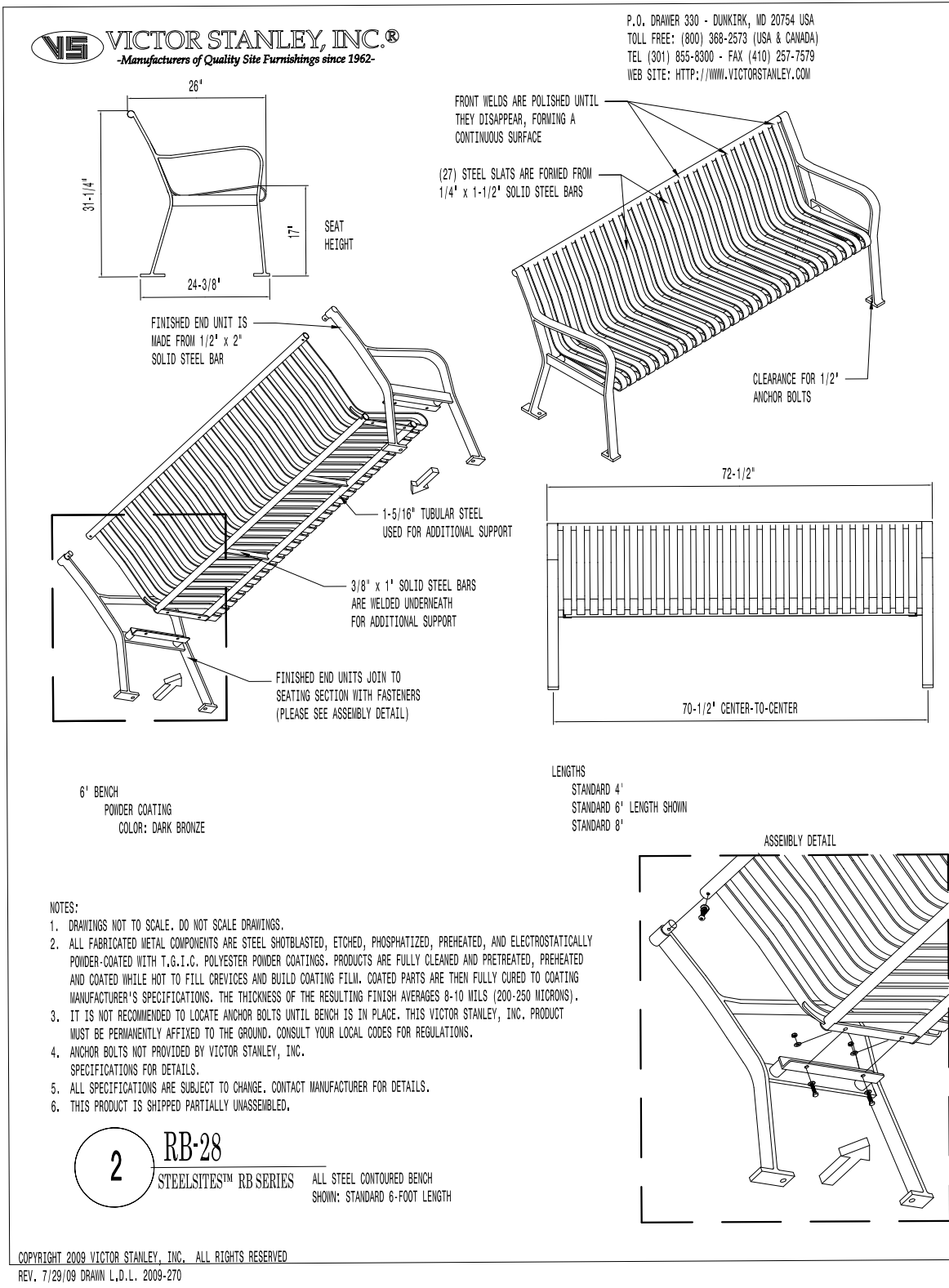
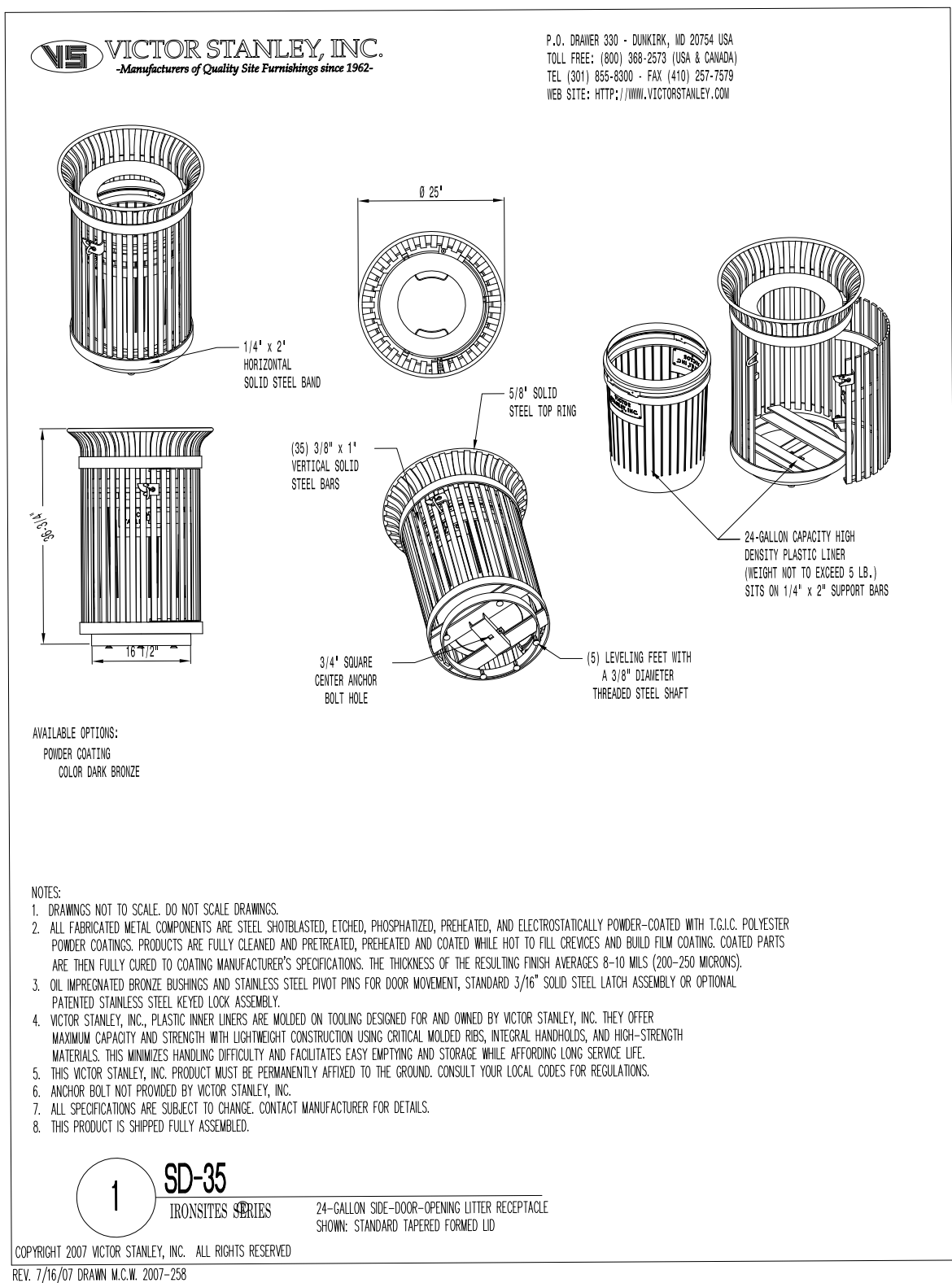
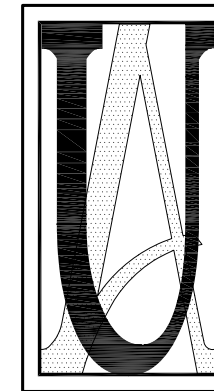


Exhibit E - Site Amenities



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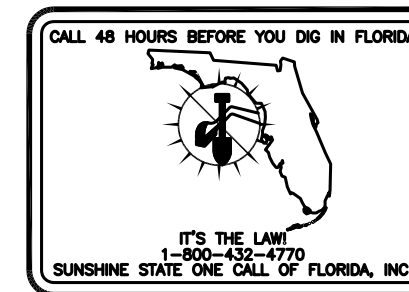
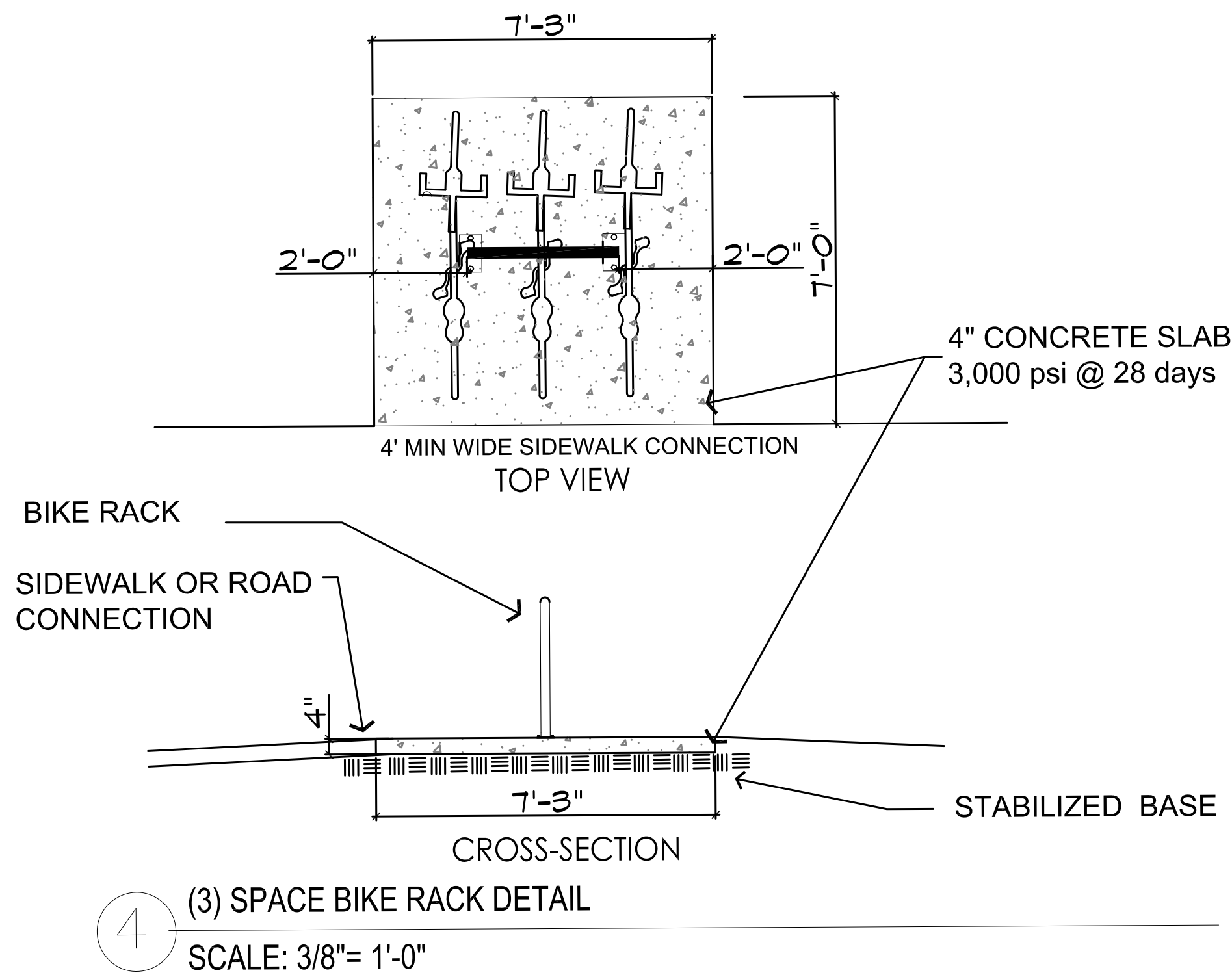


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Site Planning
Landscape Architecture
Sustainable Site Design
Water Efficient Irrigation Design
Plan Approvals

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Revisions

Sheet Title

SITE DETAILS

ARB SET 08/17/2018

Drawn By	LU
Checked By	LU
Date	August 17, 2018
Job. No.	48218
Scale	AS NOTED

Sheet Number **DT-2**

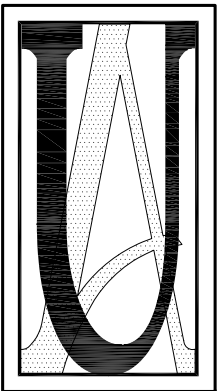
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SIGNED: _____
LEO F. URBAN
REGISTERED LANDSCAPE ARCHITECT
FLORIDA CERTIFICATE No. 1482
8/17/2018

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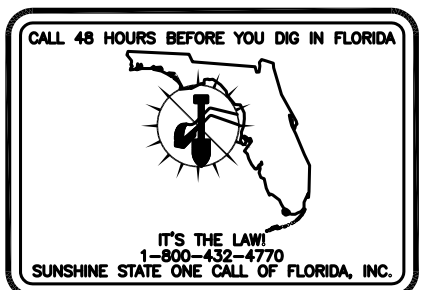


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Revisions

Sheet Title

PLANTING PLAN
ARB SET 08/17/2018

Drawn By LU

Checked By LU

Date August 17, 2018

Job No. 48218

Scale 1"=10'00"

Sheet Number

PP-1

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GSB Law Office Building, Wellington Florida

BENT CREEK ROAD

Existing
4' Cocoplum
Hedge

Existing
16" Sabal Palm

Existing Tree Line

Existing
Cluster of (8) 12-18"
Sabal Palms

Existing
12" Pine

EXIST. 10"
PVC WM

Existing
15" Oak

Existing
16" Oak

Existing
16" Oak

Existing
16" Oak

EXIST. 8" DIP WM

30'

PROFESSIONAL WAY

25' Clear Sight
Triangle, Typ.

10' Clear Sight
Triangle, Typ.

Ex LP
12' D.E. & U.E.

EXIST. 8" DIP WM

Existing Sod

Sod

Remove Invasive
Brazilian Pepper (Florida Holly)

2" Depth $\frac{3}{4}$ " Stone Roof Runoff Drip Edge Over Weed Fabric
(Lime rock Not To Be Used) Separate Stone from Mulch w/4"
Anodized Alum. Edging

92'
CONSERVATION EASEMENT
P.B. 91, PG. 21

Preserve

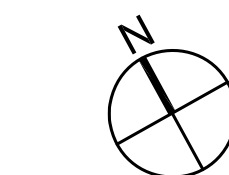
Exist. 24" Oak

Exist. 8" Sabal Palm

Bike Rack
Exist. 2.5" Oak

Existing
Dwarf Schefflera

Existing
Dumpster
Enclosure



Scale: 1"=10'

0 5 10 20 30

SIGNED:
LEO F. URBAN
REGISTERED LANDSCAPE ARCHITECT
FLORIDA CERTIFICATE No. 1482
8/17/2018

Notes:

- All plant material shall be Florida #1 or better;
- All above ground mechanical equipment such as exterior utility boxes, meters, transformers and backflow preventers (Even if not currently known or shown on the plan) shall be visually screened with minimum 24"HX24"S Green buttonwood hedge. Hedge to be spaced 24" o.c. & is to touch at time of planting;
- All planting beds are to be mulched with minimum 3" layer of mini-nugget pine bark mulch, Eucalyppus or Melaleuca mulch. (No cypress mulch is allowed);
- All planted areas shall be irrigated with an underground automatic irrigation system equipped w/ a Hunter ET weather system. All planted oak trees and Sabal Palms shall be irrigated with a pressure regulating flood bubbler.
- The General Contractor shall call Sunshine State One-Call Center for public utility locations before landscape contractor starts their work on site. A minimum scheduling time of 72 hours is required for this service. The owner is responsible for having a licensed surveyor flag sewer/septic & other privately owned underground lines in the field.
- Turf and landscape (bedding plants) areas designed on separate zones and time duration for water conservation;
- All existing sod areas that are disturbed by construction or are in poor condition and areas labeled on the plan as "Sod" shall be sodded with St Augustine Sod;
- There shall be an unobstructed cross visibility at a level between 30" and 8' above the pavement within the required sight triangle;
- Trees and palms planted near overhead power lines shall comply with FPL "Plant the Right Tree in the Right Place" guidelines;
- Landscaping shall not conflict with site lighting;
- Landscape Contractor shall guarantee all new plant material for a period of one (1) year, after date of final acceptance of completed work against death and unsatisfactory growth;
- Any existing trees & palms that are determined to be a hazard are to be removed and mitigated. Any existing trees & palms that need to be pruned shall be pruned by an (ISA) certified arborist or under the direction of an (ISA) certified arborist.

LANDSCAPE STATISTICS:

REQUIRED INTERIOR TREES AND SHRUBS: EXCLUDING PRESERVATION AREAS, PERIMETER BUFFERS AND VEHICULAR AREAS

- ONE (1) TREE AND THREE (3) SHRUBS PLANTED OR PRESERVED FOR EVERY TWENTY-FIVE HUNDRED (2,500) SQUARE FEET OF NONRESIDENTIAL LOT OR FRACTION THEREOF
- 7,827.48 SQUARE FEET DIVIDED BY 2,500 = (4) TREES AND (10) SHRUBS REQUIRED AND PROVIDED
- TREES INCLUDE (1) OAK, (1) DAHOON HOLLY, (2) CASSIA AND (1) EXISTING OAK TREE LOCATED NEXT TO THE DUMPSTER = TOTAL (5) TREES

REQUIRED FOUNDATION PLANTING

MINIMUM LANDSCAPE WIDTH 5 FEET FOR SINGLE-STORY BUILDING;

REQUIRED ONE (1) CANOPY TREE OR A CLUSTER OF THREE (3) PALM TREES EVERY TWENTY (20) FEET ON CENTER AND MASS PLANTING OF SHRUBS ALONG NO LESS THAN 40% OF THE TOTAL LENGTH OF THE FRONT, SIDE AND REAR OF THE FACADE; THE REQUIRED TREES/PALMS AND SHRUBS HAVE BEEN PROVIDED;

SOUTH FOUNDATION LANDSCAPE AREA

REQUIRED TREES, 74 LINEAR FEET (LF) OF FOUNDATION X 40% = 30 (LF) DIVIDED BY 20 = (2) TREES;
PROVIDED TREES: (3) PALMS = (1) TREE AND (1) EXTRA SMALL TREE (CASSIA) HAS BEEN PLACED IN THE NORTH FOUNDATION PLANTING WHERE THERE IS ADDITIONAL ROOM AVAILABLE TO PLANT A TREE = (2) TREES;
(2) LARGE SHRUBS (HIBISCUS) HAVE BEEN PROVIDED IN THE SOUTH FOUNDATION PLANTING TO MATCH THE FOUNDATION PLANTING OF THE EXISTING BUILDING TO THE SOUTH;

WEST FOUNDATION LANDSCAPE AREA

REQUIRED TREES, 52 LINEAR FEET (LF) OF FOUNDATION X 40% = 21 (LF) DIVIDED BY 20 = (2) TREES;
PROVIDED TREES: (3) PALMS = (1) TREE AND (1) SMALL TREE (CRAPE MYRTLE) TOTAL (2) TREES;

NORTH FOUNDATION LANDSCAPE AREA

REQUIRED TREES, 74 LINEAR FEET (LF) OF FOUNDATION X 40% = 30 (LF) DIVIDED BY 20 = (2) TREES;
PROVIDED TREES: (3) PALMS = (1) TREE AND (2) SMALL TREES TOTAL (3) TREES

OFF-STREET PARKING AND INTERIOR VEHICULAR USE AREAS

TERMINAL LANDSCAPE ISLANDS SHALL INCLUDE ONE HUNDRED AND TEN (110) SQUARE FEET OF PLANTING AREA AND (1) TREE; ALL (6) TERMINAL ISLANDS HAVE BEEN PROVIDED WITH TREES THAT INCLUDE (5) SHADE TREES AND (3) SABAL PALMS THAT = (1) SHADE TREE TOTALING (6) TREES;

REQUIRED TERMINAL ISLAND AREA; SIX TERMINAL ISLANDS X 110 SQUARE FEET = 660 SQUARE FEET OF LANDSCAPE AREA REQUIRED AND 869 SQUARE FEET HAS BEEN PROVIDED INCLUDING A 3' WIDE LANDSCAPE STRIP ADJACENT TO THE PARKING LOT FACING PROFESSIONAL WAY;

PARKING AREA SCREENING

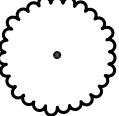
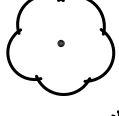
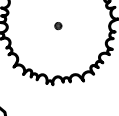

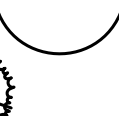



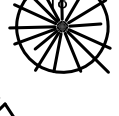














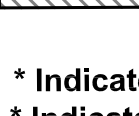
PARKING LOTS ADJACENT TO STREET RIGHT-OF-WAY SHALL BE SCREENED WITH A CONTINUOUS HEDGE OR SHRUBS COMMERCIAL BUFFER REQUIRES (1) PER 25 LINEAL FEET PLUS CONTINUOUS SCREEN WITH FLOWERING AND VEGETATIVE SHRUBS REQUIRED AND HAVE BEEN PROVIDED;

RIGHT OF WAY LENGTH ADJACENT TO PARKING LOT 72 LINEAL FEET DIVIDED BY 25' = (3) REQUIRED TREES;
PROVIDED (1) LIVE OAK AND (2) FLOWERING TREES (VERAWOOD) HAVE BEEN PROVIDED;

PERCENTAGES OF NATIVE AND LOW WATER USE PLANTS:

SHADE TREES, (7) NATIVE TREES & (9) LOW WATER USE DIVIDED BY (16)TOTAL TREES = 100% NATIVE & LOW WATER USE PROVIDED;
PALMS, (3) NATIVE PALMS & (9) LOW WATER USE PALMS DIVIDED BY (12) TOTAL PALMS = 100% NATIVE/LOW WATER USE PROVIDED;
SHRUBS, (136) NATIVE & (224) LOW WATER USE DIVIDED BY (362) TOTAL SHRUBS = 99% NATIVE & LOW WATER USE SHRUBS PROVIDED;
GROUND COVER, (187) NATIVE DIVIDED BY (187) TOTAL PLANTS =100% NATIVE

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
	BA**	Bulnesia arborea / Verawood Field Grown	-	3" MIN.	12' MIN. H X 6' MIN. S	2
	CS*	Conocarpus erectus sericeus / Silver Button Wood	-	2.5" MIN	10' MIN. H X 6' MIN. S	2
	IC*	Ilex cassine / Dahoon Holly	-	2.5" MIN	10' MIN. H X 6' MIN. S	2
	LAG**	Lagerstroemia indica x fauriei `Natchez` / Natchez Crape Myrtle Multi Trunk	-		10' MIN. H X 5' MIN. S	3
	QV*	Quercus virginiana / Live Oak	-	4" MIN	12' MIN. H X 6' MIN. S	3
	SS**	Senna suratensis / Glaucons Cassia STD, FG	-	2.5" MIN	10' MIN. H X 5' MIN. S	4
PALM TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
	SP1*	Sabal palmetto / "Cabbage Palm" 12" MIN. DBH, FL FANCY, CLEAN CUT	-	12" MIN CAL	14' MIN. CT	1
	SP*	Sabal palmetto / "Cabbage Palm" 12" MIN. DBH, FL FANCY, CLEAR CUT	-	12" MIN. CAL.	12' MIN. CT	1
	SP2*	Sabal palmetto / "Cabbage Palm" 12" MIN. DBH, FL FANCY, CLEAN CUT	-	12" MIN. CAL.	18' MIN. CT	1
	VM2**	Veitchia montgomeryana / Montgomery Palm Single, FG	-		12' MIN. CT	9
SHRUBS	CODE	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3	QTY
	ALP**	Alpinia purpurata / Red Ginger	7 gal		4' H X 4' S	6
	CI*	Chrysobalanus icaco Red Tip / Red Tip Cocoplum HEDGE	-	2' O.C.	24"H X 24"S	47
	CG**	Clusia guttifera nana / Dwarf Clusia HEDGE, FULL TO BOTTOM	-	2' O.C.	36" H X 24" S	55
	CE2*	Conocarpus erectus sericeus / Silver Buttonwood HEDGE, BUSH FULL TO BOTTOM	-	2' O.C.	24"H X 24"S	23
	FMG**	Ficus microcarpa `Green Island` / Green Island Ficus	-	2' O.C.	14"H X 18"S	64
	HP2*	Hamelia patens / Fire Bush	-	-	24"H X 24"S	16
	HS	Hibiscus `seminole pink` / Hibiscus BUSH	-	-	3' MIN. H X 2' MIN. S	2
	IX**	Ixora x `Nora Grant` / Ixora `Nora Grant	-	-	24"H X 24"S	26
	MC*	Muhlenbergia capillaris / Pink Muhly	3 gal			43
	NER**	Nerium oleander `Dwarf` / Dwarf Oleander	-		24"H X 24"S	20
	RL**	Rondeletia leucophylla / Panama Rose	-	-	24"H X 24"S	21
	SCH**	Schefflera arboricola `Trinette` / Schefflera	-	2' O.C.	24"H X 24"S	32
	TD2*	Tripsacum dactyloides / Fakahatchee Grass	-		24"H X 24"S	7
GROUND COVERS	CODE	BOTANICAL NAME / COMMON NAME	CONT	FIELD2	FIELD3	QTY
	NF*	Nephrolepis falcata `Furcans` / Fishtail Fern	3 gal			187

* Indicates native plant

* Indicates low water use plant species

SOD for Courtyard, Stenotaphrum secundatum, 'Floritam'
St. Augustine, dense, solid, weed free

WATER CONSERVATION POINT TABLE

TECHNIQUE / DESIGN FEATURE

MOISTURE SENSING CONTROLLER OTHER THAN RAINSWITCH	5
DRIP/TRICKLE/MICRO IRRIGATION STYSTEM	
IRRIGATION QUALITY EFFLUENT IRRIGATION	
FLORIDA NATIVE LANDSCAPE	90-100% 30
REQUIRED TREES - VERY DROUGHT TOLERANT	51-100% 10
EXTRA SHADE TREES	
SOD/TURF ALTERNATIVE	
REQUIRED SHRUBS - VERY DROUGHT TOLERANT	51-100% 10
TOTAL POINTS	55

MINIMUM LANDSCAPE REQUIREMENTS

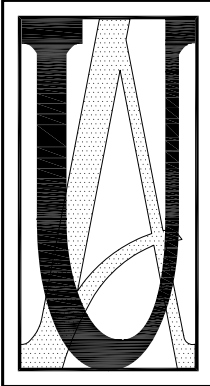
Category	Requiremet	Required	Provided
INTERIOR TREE (Totals)	1 PER 2500 S.F	4	4
NATIVE TREES	50% MIN.	8	8
VERY DROUGHT TOLERANT (Trees)	25% MIN.	4	8
SHRUBS 24" Ht. (Totals)	3 PER 2500 SF.	10	0
NATIVE & VERY DROUGHT TOLERANT SHRUBS	50% MIN.	181	360
VEHICULAR USE AREA TREES (Interior)	40 sf/Parking Space	720 SF	869 SF
VEHICULAR USE (Shade Trees)	75% MIN.	5	6
OTHER VEHICULAR USE (Landscape)	15% OF OTHER V.U.A	74 SF	92 SF
REQUIRED NO OF SPECIES		3	7
TREE SIZE (V.U.A.)	10' HT 2" CAL. DBH MIN.		SAME

SIGNED:

LEO F. URBAN
REGISTERED LANDSCAPE ARCHITECT
FLORIDA CERTIFICATE No. 1482
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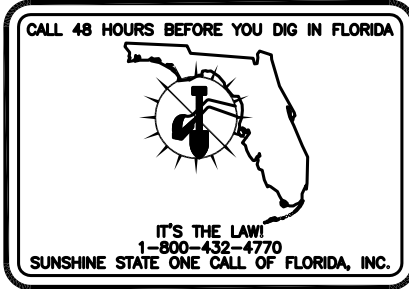


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Revisions

Sheet Title

PLANT LIST & NOTES
ARB SET 08/17/2018

Drawn By **LU**

Checked By **LU**

Date **August 17, 2018**

Job. No. **48218**

Scale **NTS**

Sheet Number **PP-2**

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PLANTING SPECIFICATIONS

I. SCOPE

THE WORK INCLUDES FURNISHING ALL PLANS, MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR PLANTING OF PLANT MATERIALS INDICATED ON THE DRAWINGS AND IN THESE SPECIFICATIONS.

II. PLANT MATERIALS

A. PLANT LIST

A LIST OF PLANT MATERIALS IS INCLUDED WITHIN THESE DRAWINGS.

B. QUANTITIES

1. QUANTITIES NECESSARY TO COMPLETE THE PLANTING ARE INDICATED WITHIN THESE DRAWINGS.

2. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF OBTAINING SPECIFIED MATERIALS IN ADVANCE IF SPECIAL GROWING CONDITIONS OR OTHER ARRANGEMENTS MUST BE MADE IN ORDER TO SUPPLY SPECIFIED MATERIALS.

3. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES SHOWN ON THE DRAWINGS AND ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT. IN THE EVENT OF DISCREPANCIES, THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE QUANTITIES SHOWN ON THE PLANT LIST.

C. QUALITY AND SIZE

1. PLANTS SHALL BE MEASURED BEFORE PRUNING WITH BRANCHES IN NORMAL POSITION. ANY NECESSARY PRUNING SHALL BE DONE AT THE PLACE OF GROWTH PRIOR TO TRANSPLANTING. PLANTS THAT MEET THE REQUIREMENTS SPECIFIED, BUT DO NOT HAVE THE NORMAL BALANCE OF HEIGHT AND SPREAD TYPICAL FOR THE RESPECTIVE PLANT, SHALL NOT BE ACCEPTED.

2. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 GRADE OR BETTER AS SPECIFIED IN THE LATEST EDITION: "GRADES AND STANDARDS FOR NURSERY PLANTS, PREPARED BY THE STATE OF FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

3. IN ADDITION, AS REQUIRED BY CITY/COUNTY AND OTHER REGULATING AGENCIES, TREE CALIPER (TRUNK DIAMETER) SHALL BE MEASURED AT A POINT WHICH IS 6 INCHES ABOVE EXISTING GRADE LEVEL. THE MOST RESTRICTIVE CRITERIA FOR CALIPER MEASUREMENT SHALL APPLY. IF THEIR ARE ANY QUESTIONS OR CONFLICTS IN THE CODE, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY FOR RESOLUTION.

4. PALM CALIPER SHALL BE MEASURED AS REQUIRED BY APPLICABLE JURISDICTIONAL CODES (DBH OR OTHERWISE)

5. ALL PLANT MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT AT PLACE OF GROWTH AND UPON DELIVERY FOR CONFORMITY TO SPECIFICATIONS.

6. ALL PLANTS SHALL BE TRUE TO SPECIES AND VARIETY AND SHALL CONFORM TO MEASUREMENTS SPECIFIED EXCEPT THAT PLANTS LARGER THAN SPECIFIED MAY BE USED IF APPROVED BY THE LANDSCAPE ARCHITECT. NO PLANTS SHALL BE ACCEPTED MEASURING LESS THAN ANY OF THE SPECIFIED REQUIREMENTS.

D. SUBSTITUTIONS

SUBSTITUTIONS WILL BE PERMITTED ONLY UPON AUTHORIZATION BY THE LANDSCAPE ARCHITECT. REPLACEMENT SHALL BE OF THE NEAREST EQUIVALENT OBTAINABLE SIZE AND VARIETY OF THE PLANT HAVING THE SAME ESSENTIAL CHARACTERISTICS WITH AN EQUITABLE ADJUSTMENT OF CONTRACT PRICE. SHOULD THE LANDSCAPE ARCHITECT DEEM IT APPROPRIATE AND SUBSTITUTE PLANT MATERIAL OTHER THAN THAT SPECIFIED, IT SHALL BE ACCOMPLISHED AS LONG AS THE UNIT PRICE OF THE SUBSTITUTED ITEM DOES NOT EXCEED THE BID ITEM BEING REPLACED.

III. PLANTING

A. LAYOUT

1. LOCATION FOR PLANTS AND OUTLINES OF AREAS TO BE PLANTED AS INDICATED ON THE PLAN. WHERE CONSTRUCTION OF UTILITIES BELOW GROUND OR OVERHEAD ARE ENCOUNTERED OR WHERE CHANGES HAVE BEEN MADE IN THE CONSTRUCTION, NECESSARY ADJUSTMENTS WILL BE APPROVED BY THE LANDSCAPE ARCHITECT.

2. ALL TREE LOCATIONS SHALL BE STAKED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT BEFORE BEGINNING INSTALLATION OR WORK. ALL PLANTS AND PLANT LOCATIONS SHALL BE APPROVED IN FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.

B. GRADING

1. CONTRACTOR SHALL VERIFY EXISTING GRADES AND DRAINAGE PATTERNS AND SHALL COORDINATE ALL GRADING, PARTICULARLY MOUNDING, WITH THE LANDSCAPE ARCHITECT. ALL NEW GRADING SHALL HAVE SMOOTH TRANSITIONS INTO EXISTING CONDITIONS.

2. GENERAL CONTRACTOR TO BRING ROUGH FINISH GRADE TO WITHIN 3" OF THE TOP OF WALK OR CURB GRADE. LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO FILL AND GRADE TO 2" BELOW TOP OF WALK OR CURB IN ALL PLANTING AREAS. FINISH GRADE IN PLANTING AND SOD AREAS IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING FILL AND PLANTING SOIL QUANTITIES NECESSARY TO COMPLY WITH THIS NOTE.

3. THE CONTRACTOR SHALL COMPACT TOPSOIL WITH A ROLLER IMPARTING NO MORE THAN 2.5 LBS. PER SQUARE INCH. THE TOPSOIL SHALL BE ROLLED TWICE. THE FIRST PASS IS TO BE PERPENDICULAR TO THE SECOND. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.

4. IMMEDIATELY PRIOR TO ANY TURF OR GROUND COVER WORK, THE CONTRACTOR WILL FINE GRADE THE TOPSOIL TO A SMOOTH, EVEN SURFACE ASSURING POSITIVE DRAINAGE OF NO LESS THAN 1%. SOD WILL BE FLUSH TO THE TOP OF ADJACENT SIDEWALKS OR CURBS. TOP OF 3" COMPACTED MULCH SHALL BE 1" BELOW TOP OF ADJACENT SIDEWALKS OR CURBS.

C. SOIL PREPARATION

1. TOPSOIL TO BE USED FOR BACKFILL, AROUND PLANTS SHALL BE CLEAN, FERTILE, WELL-DRAINED (PERMEABILITY OF A MIN. 5" PER HOUR) AND OF UNIFORM QUALITY FREE OF CLAY, LIMESTONE, SHELTEROCK, STONES AND WEEDS, SOD, ROOTS AND CONSTRUCTION DEBRIS. TOPSOIL FOR BACKFILL SHALL BE APPROVED BY LANDSCAPE ARCHITECT.

IF NATURAL TOPSOIL IS NOT AVAILABLE ON SITE, STANDARD PLANTING MIX SHALL BE PROVIDED AND SHALL BE COMPRISED OF 1/3 SAND, 1/3 PEAT HUMUS, 1/3 TOPSOIL AS INDICATED ABOVE.

AMENDMENTS SHALL BE ADDED TO PLANTING MIX PER SOIL TESTS. THE SOIL SHALL BE IN A RELATIVELY DRY STATE AND MIXED THOROUGHLY BY HAND. ALL PLANTING BEDS SHALL BE COATED WITH AN APPROVED WEED KILLER ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

2. ALL PLANTS & SOD TO RECEIVE A COMPLETE, SLOW RELEASE FERTILIZER AT A RATIO OF 1:2:4:8 INCLUDING MINOR ELEMENTS, .50% ORGANIC NITROGEN. RATES OF APPLICATION AND DIRECTIONS SHALL BE IN ACCORDANCE TO MANUFACTURER'S WRITTEN SPECIFICATIONS. APPLY FERTILIZER TO TOP OF MULCH IN BED AREAS.

3. ANNUAL, PERENNIAL AND GROUND COVER BEDS SHALL RECEIVE A 3" LAYER OF SCOTT'S POTTING SOIL MIX WITH SLOW RELEASE FERTILIZE THOROUGHLY TILL POTTING SOIL MIXTURE INTO UPPER 8" OF EXISTING TOPSOIL BEFORE PLANTING. BEDS SHALL BE TREATED WITH A HERBICIDE TO KILL WEEDS & WEED SEEDS BEFORE PLANTING.

D. SETTING TREES

1. CONTRACTOR SHALL VERIFY ALL EXISTING FACILITIES AND UNDERGROUND CONDITIONS PRIOR TO PLANTING. CONTRACTOR SHALL CONDUCT SOIL TESTS IN ACCORDANCE WITH USDA SOIL TEST KIT AND TEST PERCOLATION TESTS OF ON SITE SOILS. TEST RESULTS SHALL BE PROVIDED IN WRITING TO LANDSCAPE ARCHITECT 7 DAYS PRIOR TO PLANTING.

2. UNLESS OTHERWISE SPECIFIED, ALL TREES SHALL BE PLANTED IN PITS, CENTERED, TO SUCH DEPTHS THAT THE FINISHED GRADE IS 1" TO 1 1/2" ABOVE FINISHED GRADE AFTER SETTLEMENT AND SHALL BE THE SAME AS THAT AT WHICH THE PLANT WAS GROWN. THEY SHALL BE PLANTED UPRIGHT AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO GRADING. BACK FILL SOIL SHALL BE PLACED AND COMPACTED THOROUGHLY AND SHALL BE SETTLED BY WATERING. NO FILLING AROUND TRUNKS WILL BE PERMITTED.

GENERAL NOTES:

CONTRACTOR SHALL VERIFY PERMEABILITY OF ON SITE SOILS AT DEPTH OF BOTTOM OF PLANT PIT WITH PERCOLATION TESTS PRIOR TO PLANTING. IF WATER LEVEL IN TEST PIT DROPS LESS THAN 5 INCHES IN AN HOUR AND IF EXISTING WATER TABLE IS OBSERVED CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY, SO THAT ALTERNATE PLANTING METHODS AND PLANT SUBSTITUTIONS CAN BE RECOMMENDED.

ROAD ROCK AND CONSTRUCTION DEBRIS (INCLUDING PAINT & STUCCO) SHALL BE REMOVED FROM ALL PLANT PITS AND BEDS PRIOR TO PLANTING.

EXISTING TREES & PALMS TO REMAIN ARE TO BE INSPECTED BY AN (ISA) CERTIFIED ARBORIST. ANY EXISTING TREES & PALMS THAT ARE DETERMINED TO BE A HAZARD ARE TO BE REMOVED AND MITIGATED. EXISTING TREES & PALMS THAT NEED TO BE PRUNED SHALL BE DONE BY AN (ISA) CERTIFIED ARBORIST OR UNDER THE DIRECTION OF AN (ISA) CERTIFIED ARBORIST.

E. PRUNING-NEW PLANT MATERIAL

REMOVE DEAD AND BROKEN BRANCHES FROM ALL PLANT MATERIAL. PRUNE TO RETAIN NATURAL GROWTH HABIT.

F. STAKING TREES

1. TREES SHALL BE STAKED WITHIN 24 HOURS AFTER EACH IS INSTALLED. AFTER 14 HOURS THE LANDSCAPE ARCHITECT WILL PROHIBIT ANY FURTHER PLANTING UNTIL ALL INSTALLED TREES ARE STAKED. SUCH STORAGE WILL NO WAY ALTER THE CONTRACTOR'S COMPLETION DATE.

2. STAKING OF TREES IS TO BE USED BY THE CONTRACTOR, WHO WILL BE RESPONSIBLE FOR MATERIAL REMAINING PLUMB AND STRAIGHT FOR ALL GIVEN CONDITIONS THROUGH SUBSTANTIAL COMPLETION OF WORK.

3. STAKE ALL TREES UNDER 16' OVERALL HEIGHT WITH THREE 2X2 STAKES. AVOIDING ROOT INJURY AND DRIVE POSTS AT LEAST EIGHTEEN INCHES (18") INTO FIRM GROUND.

4. TIE TREE TO STAKES USING WELLINGTON STRAP APPROVED TREE TIES. TIES SHALL BE LOCATED MIDWAY WITHIN TREE CROWN OR AT A LOCATION APPROXIMATELY TWO-THIRDS (2/3) OF THE OVERALL HEIGHT OF THE TREE. LOCATE TIE JUST ABOVE MAJOR SIDE BRANCH IN ORDER TO DETER SLIPPAGE AND FASTEN TO STAKE. CONNECT TIE TO TREE IN LASSO FASHION USING A BIODEGRADABLE MATERIAL TO PREVENT GIRDLING.

G. GUYING TREE

1. GUY ALL TREES 16 FT AND LARGER OVERALL HEIGHT IN FOUR (4) DIRECTIONS W/ WELLINGTON STRAP TIES ATTACHED TO ANCHORS DRIVEN BELOW GRADE. PLACE GUYS NOT LESS THAN 1.3 HEIGHT OF TREE ABOVE GROUND. PLACE ANCHORS SO THAT STRAPS ARE EQUALLY SPACED AND AT 45 DEGREE ANGLES TO HORIZON. CONSTRUCT 1/2 INCH X 12 INCH ELECTRIC CONDUIT OVER STRAP AT BASE OF STRAP TO PROTECT STRAPS FROM BEING CUT BY LAWN MAINTENANCE EQUIPMENT. LANDSCAPE CONTRACTOR TO KEEP STRAPS TAUGHT AND REPAIRED UNTIL SUBSTANTIAL COMPLETION. MAINTENANCE CONTRACTOR TO KEEP STRAPS TAUGHT AND REPAIRED UNTIL FINAL ACCEPTANCE OF WORK.

2. NO NAILS OR ANY OTHER FASTENERS SHALL DIRECTLY PENETRATE THE BARK AND TRUNK OF THE TREE.

H. MULCH

1. ALL INDIVIDUAL TREE/PALM WATER RETENTION BERM AND SHRUB BEDS SHALL BE MULCHED WITH A MINIMUM THREE INCH (3") LAYER (MEASURED AFTER COMPACTION) OF MINI-PINE NUGGETS OR EUCALYPTUS MULCH. KEEP MULCH 4" AWAY FROM TRUNKS OF TREES, PALMS, SHRUBS, GROUND COVERS AND ANY OTHER PLANTS. (NO CYPRESS MULCH ALLOWED)

2. TOPS OF TREE AND PALM ROOT BALLS SHALL NOT RECEIVE MORE THAN 1" OF MULCH.

I. SOD

1. SOD SHALL BE ST. AUGUSTINE 'FLORATAM' LABLED AS "SOD" ON THE DRAWINGS AND BAHIA SOD AS LABLED AS BAHIA SOD ON THE DRAWINGS. SOD SHALL BE SOLID AND FREE OF WEEDS, LAID WITH ALTERNATING AND ABUTTING JOINTS. ALL SODDED AREAS ARE TO BE HAND RAKED BEFORE SOD IS INSTALLED. ROCKS, STICKS, DEBRIS, AND BUMPS ARE TO BE ELIMINATED. SOD SHALL BE LAID TO THE EDGE OF PAVEMENT IN RIGHT-OF-WAY AND INSTALLED WITHIN 48 HOURS OF BEING CUT.

2. ALL NEWLY SODDED AREAS SHALL BLEND AND MATCH WITH EXISTING SODDED AREAS SO AS TO PRODUCE A SMOOTH, UNIFIED LAWN. THE LANDSCAPE ARCHITECT SHALL APPROVE FINAL GRADES PRIOR TO INSTALLATION OF LAWN.

IV. MAINTENANCE

MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE UNTIL ALL PLANTING HAS PASSED FINAL INSPECTION AND ACCEPTANCE BY OWNER &/OR LANDSCAPE ARCHITECT. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CUTTING GRASS, TRIMMING, SPRAYING, REPAIR AND/OR TIGHTENING GUYS, MULCHING, FERTILIZING, CLEAN IRRIGATION HEADS / SCREENS & REPAIR, CULTIVATING, REMOVAL OF DEAD MATERIAL, RESETTling PLANTS TO PROPER GRADES OR UPRIGHT POSITION AND RESTORATION OF THE PLANTING SAUCER AND ANY OTHER NECESSARY OPERATIONS. PROPER PROTECTION TO LAWN AREAS SHALL BE PROVIDED AND ANY DAMAGE RESULTING FROM PLANTING OPERATIONS SHALL BE REPAIRED PROMPTLY.

V. INSPECTION AND ACCEPTANCE

A. INSPECTION FOR SUBSTANTIAL COMPLETION

INSPECTION OF WORK TO DETERMINE SUBSTANTIAL COMPLETION OF CONTRACT, EXCLUSIVE OF THE POSSIBLE REPLACEMENT OF PLANTS, WILL BE MADE BY THE OWNER AND/OR LANDSCAPE ARCHITECT AT THE CONCLUSION OF ALL PLANTING AND AT THE WRITTEN REQUEST OF THE GENERAL CONTRACTOR. PARTIAL OR FINAL APPROVAL BY COUNTY & CITY OFFICIALS IS NOT TO BE CONSIDERED A SUBSTANTIAL COMPLETION OF WORK BY OWNER &/OR LANDSCAPE ARCHITECT. A CERTIFICATE OF SUBSTANTIAL COMPLETION WILL BE ISSUED BY THE LANDSCAPE ARCHITECT FOR ACCEPTABLE WORK. IF PUNCH LIST ITEMS ARE ISSUED WITH THE CERTIFICATE THEY MUST BE CORRECTED WITHIN (5) FIVE WORKING DAYS. ONE YEAR WARRANTY COMMENCES ON THE DATE OF ISSUANCE OF THE CERTIFICATES OF SUBSTANTIAL COMPLETION.

B. FINAL ACCEPTANCE

ONE YEAR AFTER DATE OF SUBSTANTIAL COMPLETION OF WORK IN TOTAL THE CONTRACTOR LANDSCAPE ARCHITECT, IF CONTRACTED, AND/OR OWNER/DEVELOPER WILL VISIT THE SITE TO DETERMINE FINAL ACCEPTANCE. UPON SATISFACTORY COMPLETION OF REPAIRS AND/OR REPLACEMENTS BY CONTRACTOR, THE OWNER/OR LANDSCAPE ARCHITECT WILL CERTIFY, IN WRITING, THE FINAL ACCEPTANCE OF THE WORK. THE FINAL ACCEPTANCE LETTER ISSUED BY THE OWNER/OR LANDSCAPE ARCHITECT WILL SERVE AS EVIDENCE THAT THE SUB-CONTRACTOR'S ONE YEAR WARRANTY OBLIGATIONS HAVE BEEN MET.

VI. GUARANTEE AND REPLACEMENT

A. GUARANTEE

1. ALL NEW PLANT MATERIALS SHALL BE GUARANTEED AND SHALL BE ALIVE AND IN SATISFACTORY CONDITION AND GROWTH FOR EACH SPECIFIC KIND OF PLANT AT THE END OF THE GUARANTEE PERIOD.

2. ALL TREES, PALMS & SHRUBS PLANTED SHALL BE FULLY WARRANTED BY THE CONTRACTOR AND WILL BE HEALTHY AND IN A FLOURISHING CONDITION OF ACTIVE GROWTH ONE (1) YEAR (365 CALENDAR DAYS) FROM DATE OF FINAL ACCEPTANCE.

3. SOD SHALL BE FULLY WARRANTED FOR NINETY (90) CALENDAR DAYS AND SHALL BE ALIVE, DARK GREEN AND IN SATISFACTORY CONDITION & GROWTH AT THE END OF THE WARRANTY PERIOD.

B. REPLACEMENT

1. AT THE END OF THE GUARANTEE PERIOD, ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR NOT IN SATISFACTORY GROWTH, AS DETERMINED BY THE LANDSCAPE ARCHITECT, SHALL BE REMOVED FROM THE SITE AND REPLACED WITHIN FIFTEEN (15) DAYS WITH NO EXTRA COST TO OWNER.

2. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED AND PLANTED AS SPECIFIED HEREIN. THE COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

C. MATERIALS AND OPERATIONS

1. CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH REPRESENTATIVES OF THE OWNER, THE LANDSCAPE ARCHITECT, AND THE ARCHITECT BEFORE COMMENCING WORK.

2. ALL LANDSCAPING SHALL BE INSTALLED IN A SOUND, WORKMANLIKE MANNER AND ACCORDING TO ACCEPTED GOOD PLANTING PROCEDURES AS PRESCRIBED BY THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS.

3. CARE AND MAINTENANCE SCHEDULE FOLLOWING SUBSTANTIAL COMPLETION A. THE CONTRACTOR SHALL FURNISH THE OWNER WITH A WRITTEN AND DETAILED DESCRIPTION FOR THE CARE AND MAINTENANCE OF ALL PLANT MATERIAL AT THE TIME OF SUBSTANTIAL COMPLETION. THE OWNER AGREES TO EXECUTE THE INSTRUCTIONS FOR SUCH CARE AND MAINTENANCE.

B. ALL LANDSCAPING SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AND SHALL BE KEPT FREE FROM REFUSE AND DEBRIS. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, MOWING, SPRAYING, FERTILIZING, TREATING, MULCHING, PRUNING, REMOVAL, REPLACEMENT OF DEAD OR DISEASED TREES AND REMOVAL OF REFUSE AND DEBRIS ON A REGULAR BASIS SO AS TO PRESENT A NEAT AND WELL-KEPT APPEARANCE AT ALL TIMES BY CONTRACTOR UNTIL SUBSTANTIAL COMPLETION AND BY OWNER'S MAINTENANCE CONTRACTOR UNTIL FINAL ACCEPTANCE OF WORK.

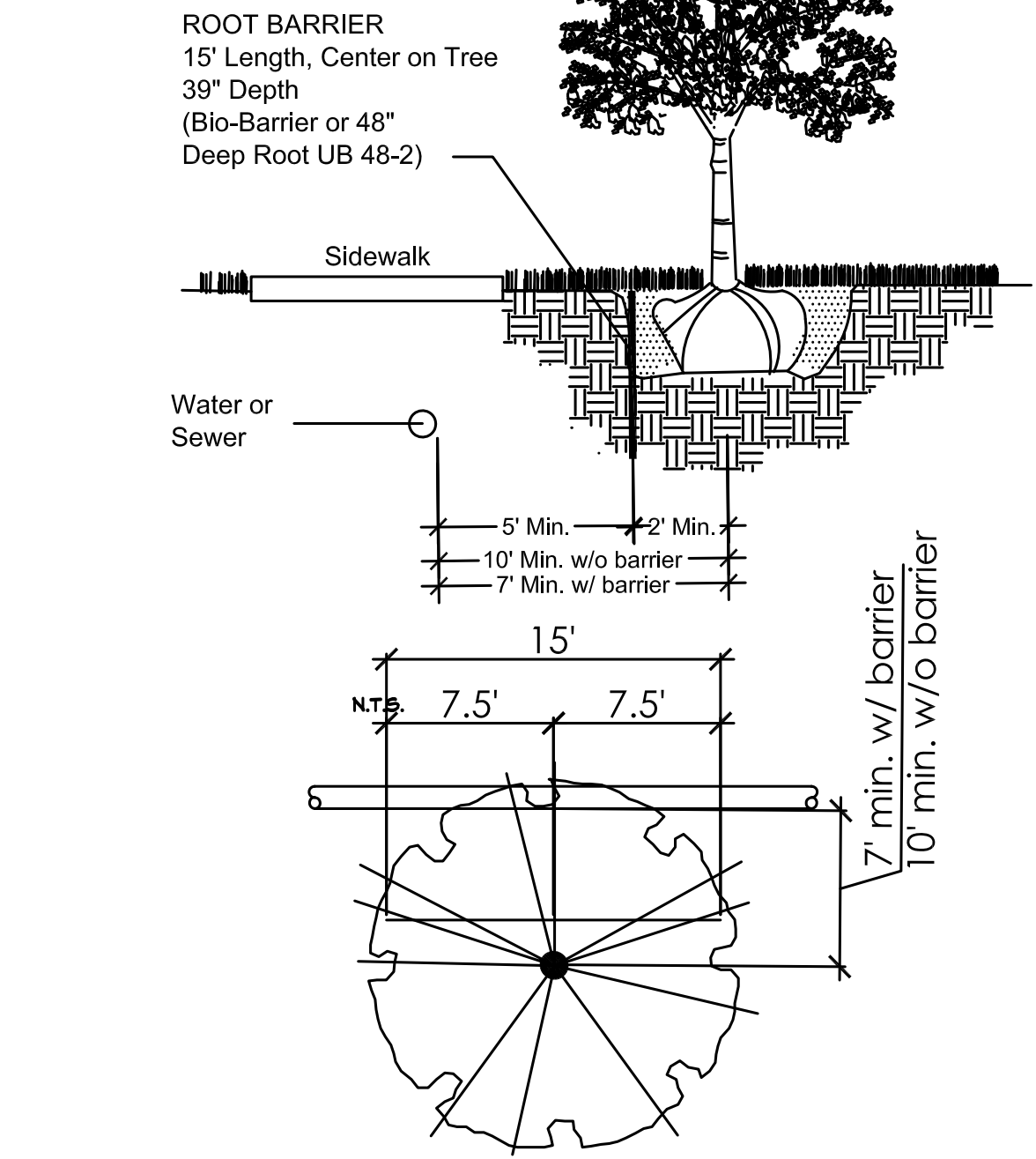
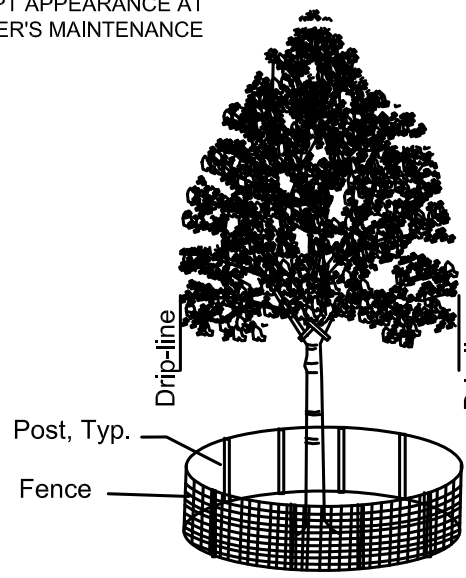
Existing Trees or palms to remain, located within the limits of construction, shall be protected by installing PVC Hurricane Fence around the drip-line of the canopy or fronds.

Hurricane fencing shall be erected on site prior to start of any construction. This fence and area inside fence must stay undisturbed during all phases of construction.

Provide automatic irrigator to all existing plantings during all phases of construction.

6

Tree Protection Barricade

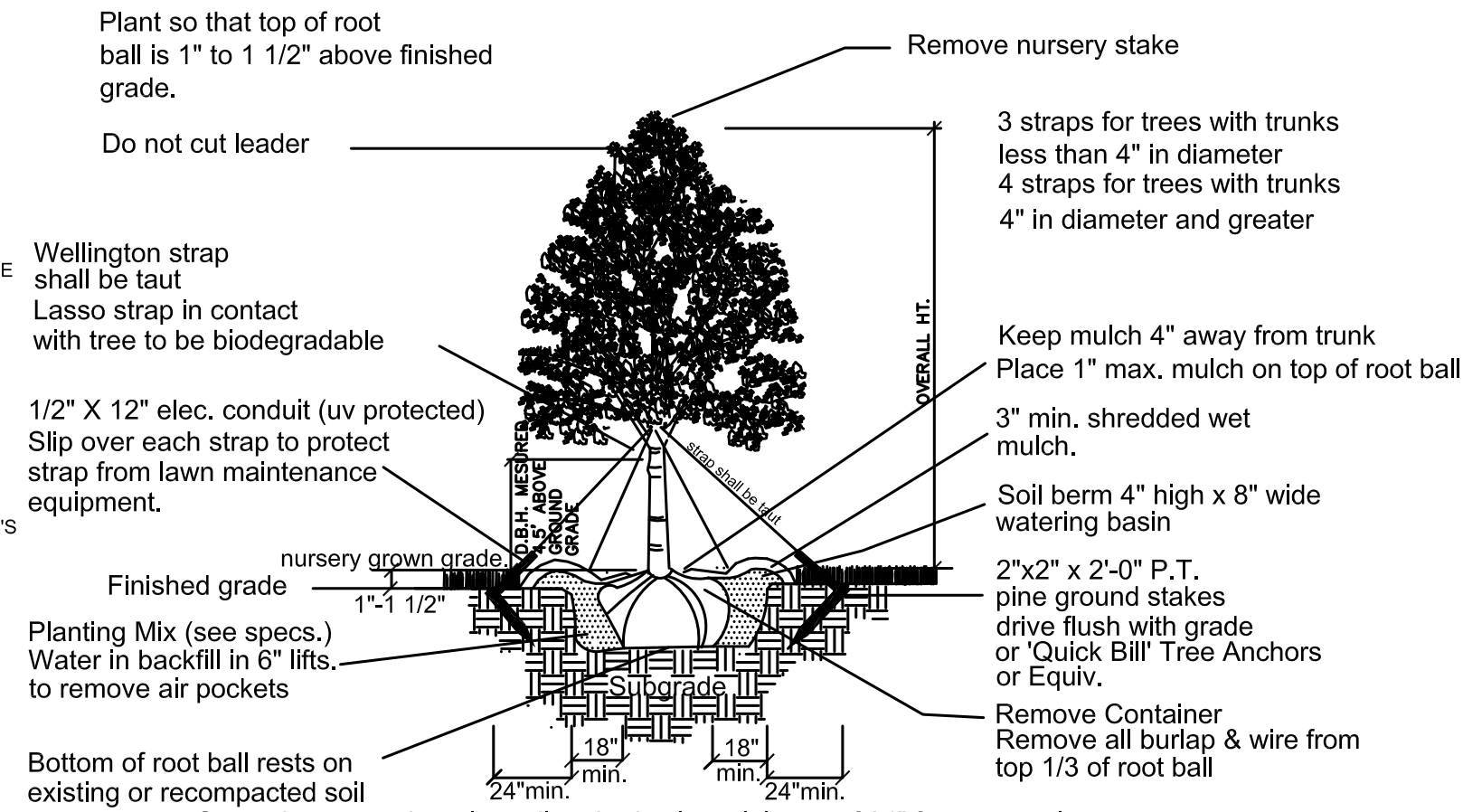


2

Tree Root Barrier Detail

ROOT BARRIER DETAIL AS REQUIRED BY P.B.C. WATER UTILITIES.

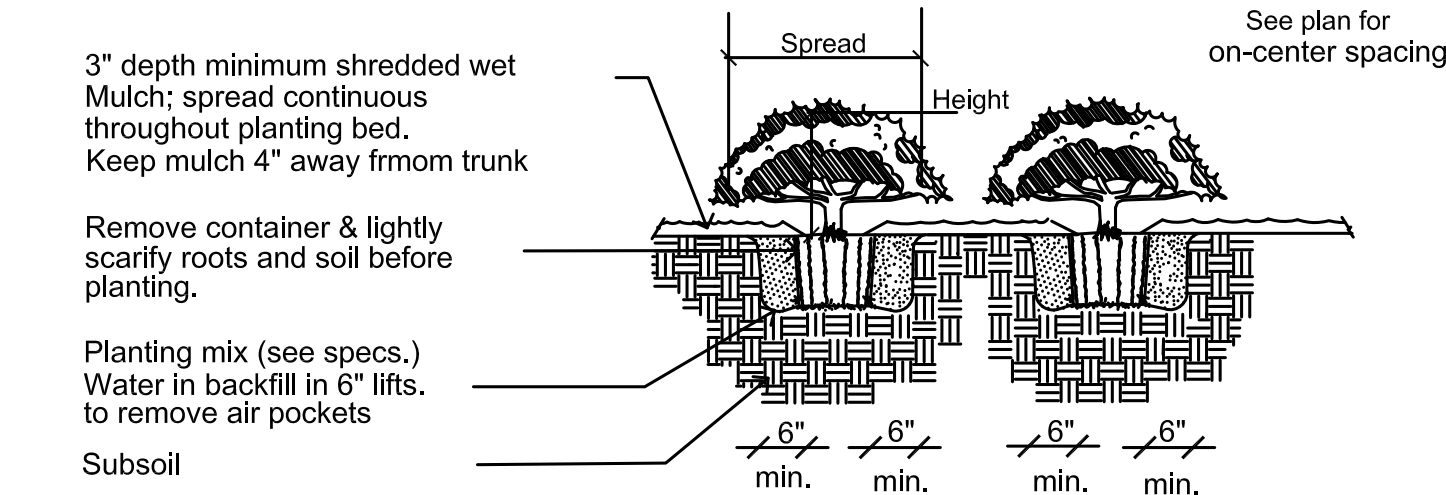
Planted grade of root ball shall equal nursery grown grade. Tree shall be set plumb.



3

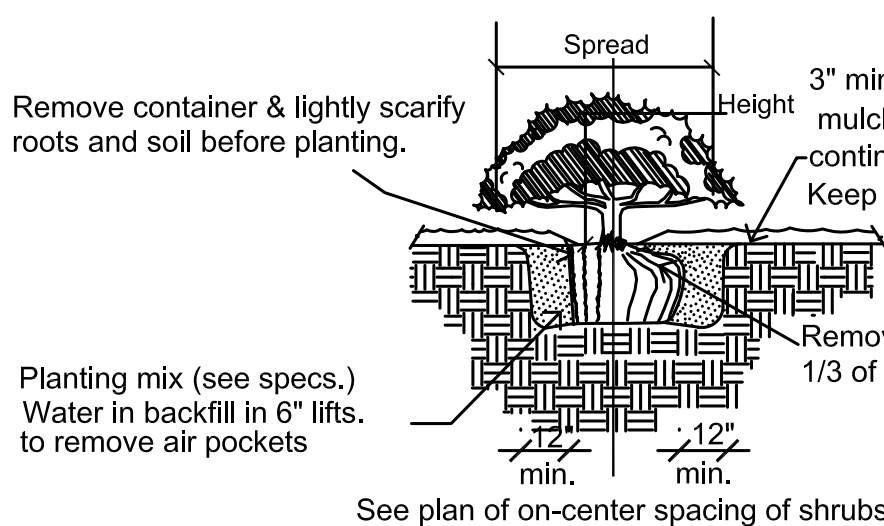
Large Tree Planting and Guying Detail

(Trees 16' and Larger Overall Height)



5

Small Shrub/Groundcover



7

Shrub Planting

Plant so that top of root ball is 1" to 1 1/2" above finished grade

5 layers of 2 ply non-treated burlap. Secured with 2-3/4" steel bands

2"x4"P.T. pine brace nailed to 2"x4"P.T. pine blocking

2"x4" P.T. pine brace, stain dark brown 3 spaced @ 120" around palm

Saw off end of stake flush with 2"x4" brace.

2"x4"x2" P.T. pine ground stake, set 24" min. from plant pit.

Planting mix (see specs) Water in backfill in 6" lifts to remove air pockets

1

Coconut Palm Detail

N.T.S.

Plant so that top of root ball is 1" to 1 1/2" above finished grade.

Wellington strap shall be taut Lasso strap in contact with tree to be biodegradable

2"x 2" Posts Stakes at rootball edge, drive (min 18") firmly into subgrade (3 per tree) Stain Dark Brown

3" minimum shredded wet mulch Keep mulch 4" away from trunk Place 1" max. mulch on top of root ball

Soil berm 4" high x 8" wide watering basin

Planting mix (see specs.) Water in backfill in 6" lifts. to remove air pockets

Remove Container. Remove all burlap & wire from top 1/3 of root ball.

4

Small Tree Planting and Staking

(Trees Less than 16' Overall Height)

PLANT SO TOP OF ROOT BALL IS 1" TO 1 1/2" ABOVE FINISHED GRADE

All Sabals shall be slick.

Hurricane cut.

All Washingtonia Palms shall not be booted.

Date & Washingtonia Palms tie fronds around bud with hemp twine. Royal, Solitare, Princess Palms, do not tie fronds

Toenail 2 x 4 braces to battens DO NOT PUNCTURE TRUNK

4 - 2x4 Wood Braces pressure treated and stain dark brown

PLANTING BACKFILL MIXTURE Planting Mix (see specs.) Water in backfill in 6" lifts to remove air pockets

2x4x24" Wood Stakes pressure treated Min. 3" below grade

Bottom of root ball rests on existing or recompacted soil

8

Palm Planting

N.T.S.

NOTES:

Plant palms so that top of rootball is even with the finished grade. Set palms plumb and true to grade Tie fronds during transportation to protect growing tip Do not trim ends For B & B Palms, cut and remove burlap from top 1/3 of rootball

4 - 2x4x16" Wood Battens

4 Layers of burlap with 2 galvanized steel bands wrapped around battens

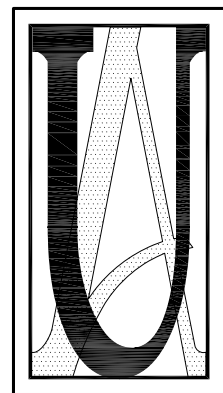
3" minimum shredded wet mulch Keep mulch 4" away from trunk Place 1" max. mulch on top of root ball

FINISHED GRADE

Soil berm 4" high x 8" wide watering basin

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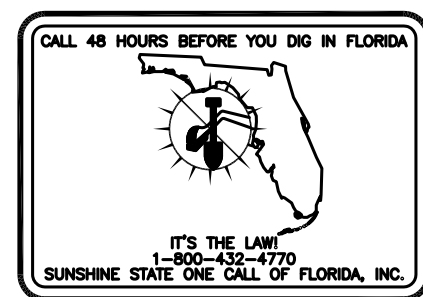
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LCH LC0000268 Landscape Architecture Sustainable Site Design Water Efficient Irrigation Design Site Photometric Plans 3-D Models & Graphics Plan Approvals

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Revisions

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Sheet Title

PLANTING DETAILS & SPECIFICATIONS

Drawn By

LU

Checked By

LU

Date

August 17, 2018

Job. No.

48218

Scale

AS NOTED

Sheet Number

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GSB Law Office Building, Wellington Florida