#### **GENERAL LANDSCAPE NOTES**

REFER TO ARCHITECTURE FOR SITE, BUILDING, AND ZONING INFORMATION.

- 1. The Contractor shall be responsible for verifying all underground utilities prior to digging in any area. The Contractor shall notify all necessary utility companies 48 hours minimum prior to digging for verification of all underground utilities, irrigation and all other obstructions and coordinate with Owner's Representative prior to initiating operations. Drawings are prepared according to the best information available at the time of preparing these documents.
- 2. The Contractor is responsible to ensure proper watering and maintenance of new and relocated materials during the warranty period.
- 3. Contractor is to report any discrepancies between the construction drawings and field conditions to the Owner immediately.
- 4. All planting materials shall meet or exceed Florida Grade # 1 as specified in Grades and Standards for Nursery Plants and Part II, Palms and Trees, current
- 5. Contractor shall familiarize himself/herself with existing site conditions prior to initiating planting. All existing site furnishings, paving, landscape and other elements to remain shall be protected from any damage throughout all construction phases unless otherwise noted.
- 6. Landscape Contractor shall coordinate all work with related contractors and with the general construction of the project in order not to impede the progress of the work of others or the Contractor's own work. Landscape contractor shall provide schedule of his/her works two weeks in advance, beginning two weeks prior to commencing landscape trade construction.
- 7. Contractor shall be responsible to remove existing ground cover for all planting beds as specified prior to planting relocated material. Contractor shall be responsible to replace all portions of existing landscape and hardscape areas damaged while completing planting installation with same grass or materials species to the satisfaction of the Owner.
- 8. The Contractor shall bear all costs of testing of soils, amendments, etc. associated with the work and included in the specifications. Prior to commencement of the landscape planting work the Contractor shall provide complete soil tests with recommendations for the installation area.
- 9. All plant material that may need to be replaced shall be in full and strict accordance to Florida No. 1 grade, according to the "Grades and Standards for Nursery Plants", published by the Florida Department of Agriculture and Consumer Services, the project manual and/or specifications. Plant material in some cases may exceed Florida No. 1 grade in order to meet the minimum requirements for the project.
- 10. Landscape Contractor shall field stake the location of all plant material prior to initiating installation for the review and approval of the Owner and/or Landscape Architect.
- 11. Landscape Contractor shall field adjust location of plant material as necessary to avoid damage to all existing underground utilities and/or existing above ground elements. All changes required shall be completed at the Contractor's expense and shall be coordinated with the Owner and the Landscape Architect.
- 12. Any substitutions in size and/or plant material must be approved by the Landscape Architect or Owner prior to modification of the contract, purchasing and delivery of plants. All plants will be subject to approval by Landscape Architect and/or Owner before planting can begin. All plant materials will not include any plants considered to be invasive to South Florida's native plant communities.
- 13. Contractor shall refer to the landscape planting details, general notes and the project manual and/or specifications for further and complete landscape planting instructions.
- 14. Landscape Contractor shall coordinate all planting work with permanent or temporary irrigation work. Landscape Contractor shall be responsible for all hand watering as required by Owner to supplement irrigation watering and rainfall.
- 15. Landscape Contractor shall be responsible for hand watering in all planting areas, regardless of the status of existing or proposed irrigation.
- 16. Landscape Contractor shall clean the work areas at the end of each working day. Rubbish and debris shall be collected and deposited off-site daily. All materials, products and equipment shall be stored in an organized fashion as directed by the Owner.
- 17. Landscape Contractor shall regrade all areas disturbed by plant removal, relocation and/or installation work. Landscape Contractor shall replace (by equal size and quality) any and all existing plant material disturbed or damaged by plant removal, relocation, and/or installation work.
- 18. Guying I staking practices shall not permit nails, screws, wires etc., to penetrate outer surface of tree or palm. Trees or palms rejected due to this practice shall be replaced at the Contractor's expense.
- 19. Burlap material, wire cages, plastic straps, etc., must be cut and removed from top one third (1/3) of root ball.
- 20. Trees grown in grow bags or grow bag type material are not allowed.
- 21. Plant size specifications take precedence over container size.
- 22. Contractor to verify quantities and report any discrepancies to Owner and/or Landscape Architect.
- 23. Remove and replace sidewalk. Reconstruct swale. Mill and resurface 2in. avg. using type S-III asphalt mix design on the driving lane. Any work and/or improvements to the right of way including landscaping and irrigation require a separate CMB Public Works Department ROW Construction Permit.
- 24. The locations of hardscape and landscape, as shown in these plans, are approximate. The final locations may be adjusted to accommodate unforeseen field conditions, to comply with safety setback criteria, to avoid creating unsafe sight conditions, or as otherwise directed by or approved by the landscape architect
- 25. Existing grades and existing site information shown on this plan is compiled from base information supplied by the surveyor and architect. The contractor is responsible for confirmation of actual site conditions. Urban robot accepts no responsibility for existing topographic and existing site information.
- 26. The general contractor shall require landscape installation sub-contractor to provide a detailed report and strategy for the transplanting, staging and reuse of any existing trees or palms within the proposed landscape plans. This shall be verified and approved by the landscape architect.
- 27. All dimensions and layout information is referenced to coordinates points provided on the survey.
- 28. The contractor shall verify all existing conditions prior to the commencement of work. Any discrepancies shall be reported to the owner's representative immediately.
- 29. The contractor shall perform all work in accordance with all local, state and federal regulations and shall obtain all necessary permits for this project.
- 30. All site work shall be performed in accordance with landscape (I) and, if applicable, civil (c) drawing sets.
- 31. All notes and dimensions are typical unless otherwise noted.
- 32. All dimensions are square (parallel or perpendicular) unless otherwise noted. The contractor shall notify the owner/owner's representative immediately in the event of any discrepancies found in the documents and/or field, or of conditions uncovered in the work which are not reflected in the plans.
- 33. The contractor shall take every precaution to prevent damage to all utilities (both above and below ground) within the project area. Damage to any utilities as a result of actions by the contractor shall be restored by the contractor, at his expense, to conditions equal to or better than before the damage was done.
- 34. Any areas disturbed by equipment, material storage, demolition and/or installation procedures are to be restored to original (or better) condition by contractor before completion of project and are subject to approval by owner's representative. All existing grassed areas not adequately protected and therefore damaged during construction, shall be replaced by the contractor at no additional cost to the owner.
- 35. The contractor is responsible for keeping the site clean of miscellaneous debris throughout the construction period. All waste material is to be disposed of immediately to an off-site location, unless otherwise indicated on the plans.
- 36. Contractor is responsible for general clean-out of all drainage basins (new and existing), manholes and/or other drainage features which have accumulated sediment as a result of construction activities.
- 37. The contractor shall provide all equipment, labor, materials and related work necessary for the prevention and control of dust resulting from operations in the performance of work of this contract. All cost in connection there with shall be considered to be included in the various unit and/or lump sum prices bid for the various item as listed in the bid.
- 38. Contractor shall submit shop drawings and/or samples of all materials to landscape architect as required within the detail drawings and notes.
- 39. All installation shall comply with Broward County ordinances as stated in Section 47-21.9. All discrepancies shall be notified to Landscape Architect immediately.



# FERRARI RESIDENCE

200 W RIVO ALTO DRIVE Miami Beach, FL 33130



PERMIT SET Sheet Index						
ID	Name					
L0.0	COVER SHEET					
L1.0	TREE DISPOSITION PLAN					
L2.0	PLANTING PLAN					
L3.0	PLANTING DETAILS					
L4.0	LIGHTING PLAN					

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ARIRESIDENC 200 W RIVO ALTO DRIVE Miami Beach Fl 33139

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RUDOLF UHLEMANN

LA 6667213

ISSUE DATE: 7/6/18

REVISIONS:

ID DATE DESCRIPTION

DRAWN/CHECKED: RU

DRB FINAL SUBMITTAL

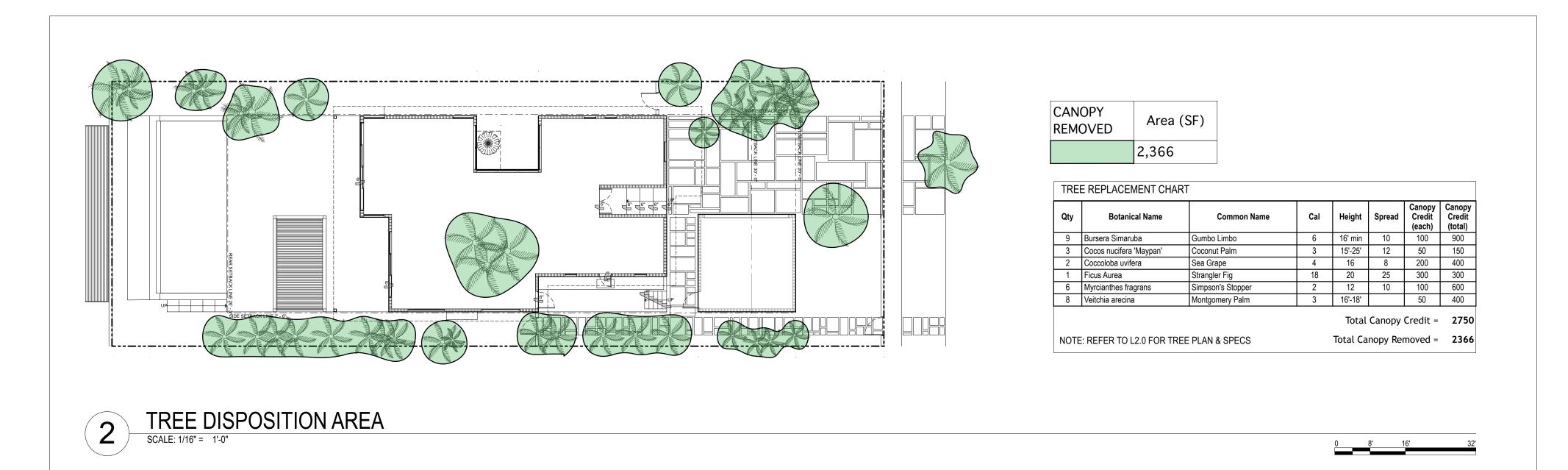
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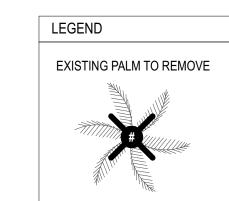
**COVER SHEET** 

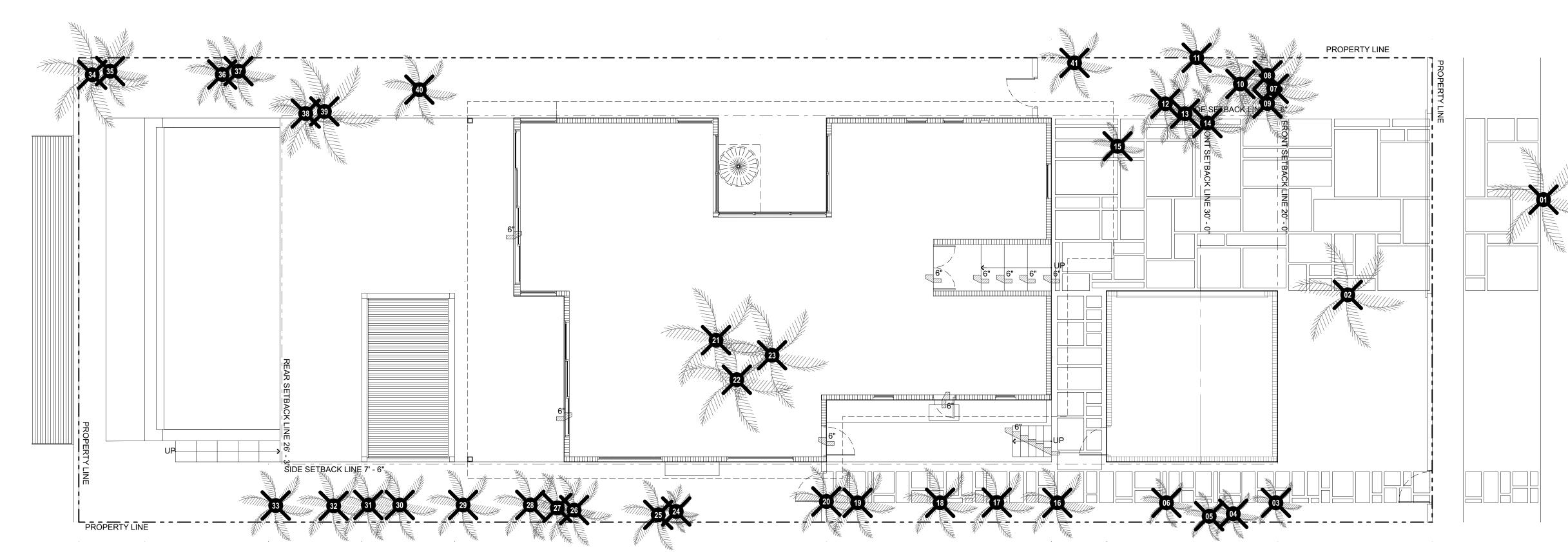
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RESIDENCE
RIVO ALTO DRIVE
Beach, FL 33139







						-	
	01	Roystonea regea	Royal Palm	16	35	15	Remove
	02	Phoenix dactylifera	Dade Palm	24	30	15	Remove
	03	Sabal palmetto	Palmetto Palm	8	20	7	Remove
	04	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	05	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	06	Archontophoenix alexandrae	Alexander Palm	6	30	7	Remove
	07	Roystonea regea	Royal Palm	16	35	12	Remove
	80	Roystonea regea	Royal Palm	16	35	12	Remove
	09	Sabal palmetto	Palmetto Palm	10	30	10	Remove
	10	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	11	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	12	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	13	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	14	Archontophoenix alexandrae	Alexander Palm	4	20	7	Remove
	15	Archontophoenix alexandrae	Alexander Palm	10	30	7	Remove
	16	Washingtonia	Washingtonia Palm	8	30	10	Remove
	17	Washingtonia	Washingtonia Palm	8	30	10	Remove
	18	Washingtonia	Washingtonia Palm	8	30	10	Remove
	19	Washingtonia	Washingtonia Palm	8	30	10	Remove
	20	Washingtonia	Washingtonia Palm	8	30	10	Remove
	21	Livistona chinensis	Chinese Fan Palm	12	12	15	Remove
11/1/	22	Livistona chinensis	Chinese Fan Palm	12	12	15	Remove
	23	Livistona chinensis	Chinese Fan Palm	12	12	15	Remove
/////	24	Washingtonia	Washingtonia Palm	6	30	10	Remove
	25	Washingtonia	Washingtonia Palm	6	30	10	Remove
	26	Washingtonia	Washingtonia Palm	6	30	10	Remove
=	27	Washingtonia	Washingtonia Palm	6	30	10	Remove
	28	Washingtonia	Washingtonia Palm	6	30	10	Remove
	29	Washingtonia	Washingtonia Palm	6	8	10	Remove
	30	Washingtonia	Washingtonia Palm	6	8	10	Remove
	31	Washingtonia	Washingtonia Palm	6	8	10	Remove
	32	Livistona chinensis	Chinese Fan Palm	10	8	10	Remove
	33	Livistona chinensis	Chinese Fan Palm	10	8	10	Remove
	34	Cocos nucifera	Coconut Palm	4	20	15	Remove
	35	Sabal palmetto	Palmetto Palm	10	35	10	Remove
	36	Sabal palmetto	Palmetto Palm	10	35	10	Remove
	37	Livistona chinensis	Chinese Fan Palm				Remove
	38		Paraiso Cluster				Remove
	39	Cocos nucifera	Coconut Palm	8	25	15	Remove
	40		Alexander Palm Cluster				Remove
	41	Washingtonia	Washingtonia Palm	8	25	10	Remove

Tree Disposition Chart

**Botanical Name** 

TREE **DISPOSITION** PLAN

RUDOLF UHLEMANN LA 6667213

**REVISIONS:** 

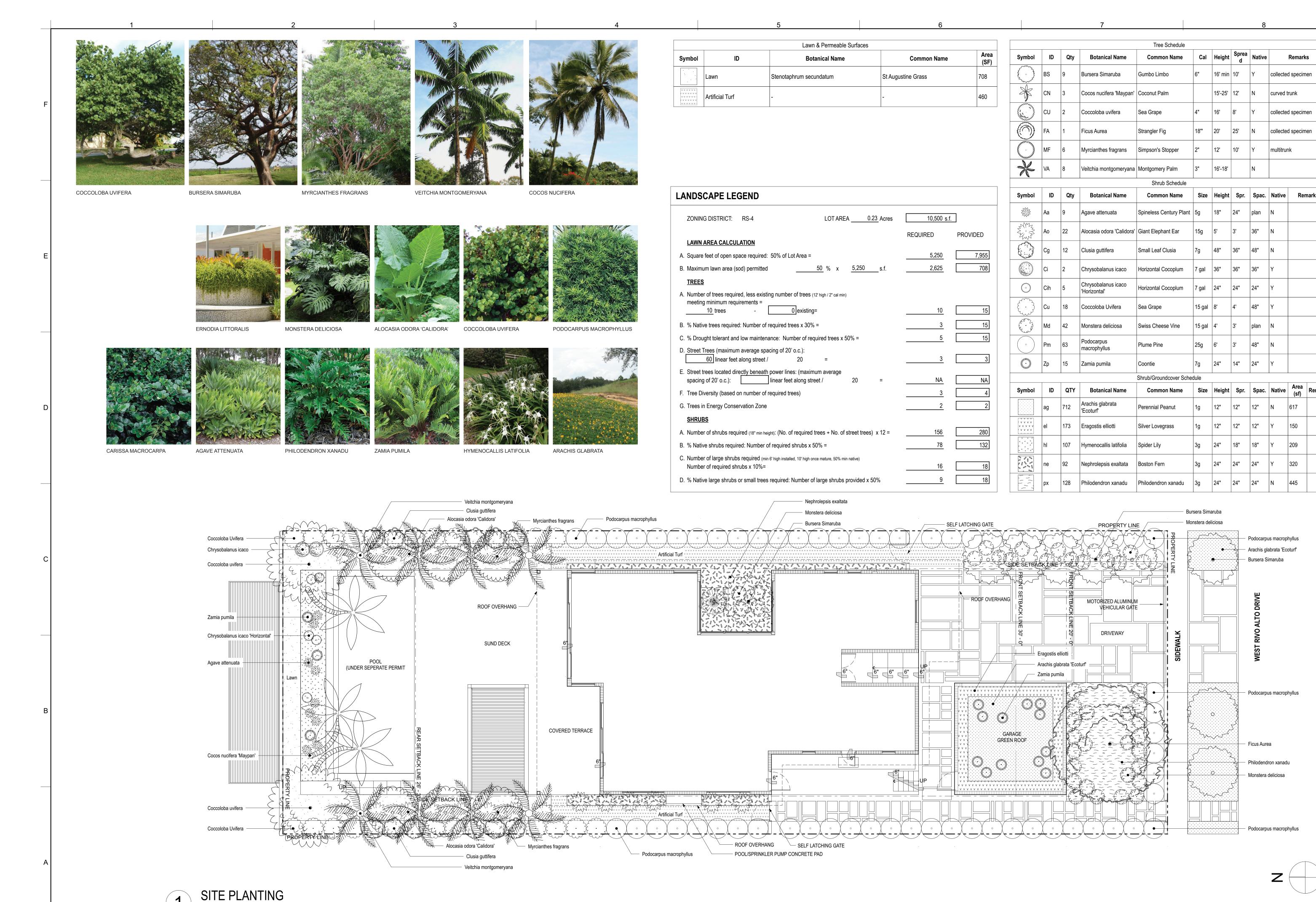
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ID DATE DESCRIPTION

TREE DISPOSITION PLAN

SCALE: 1/8" = 1'-0"



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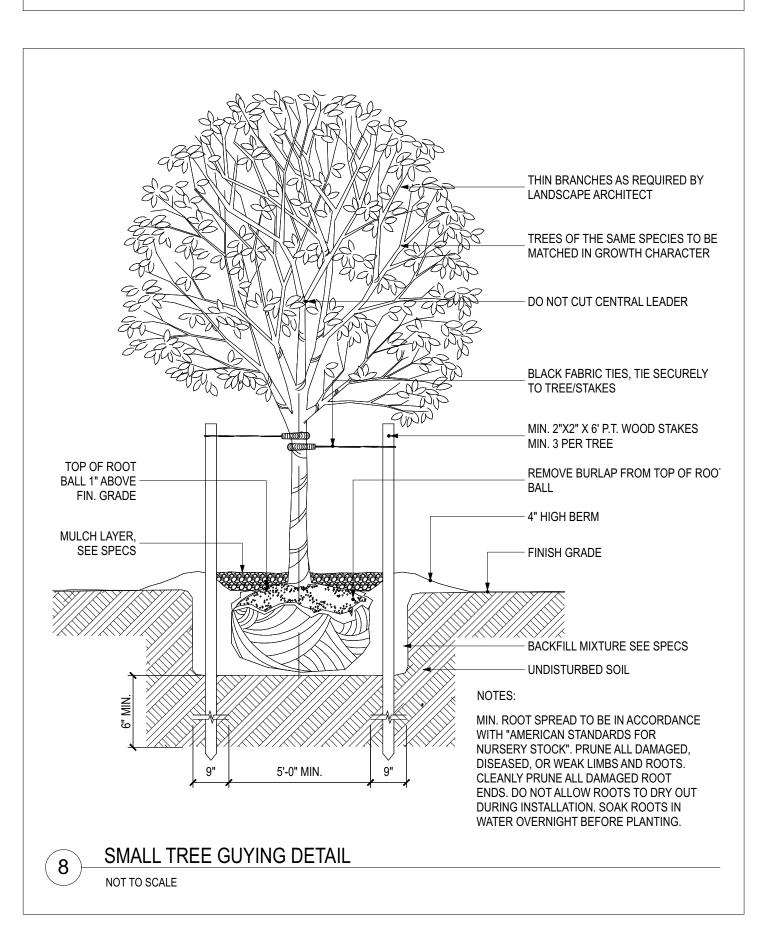
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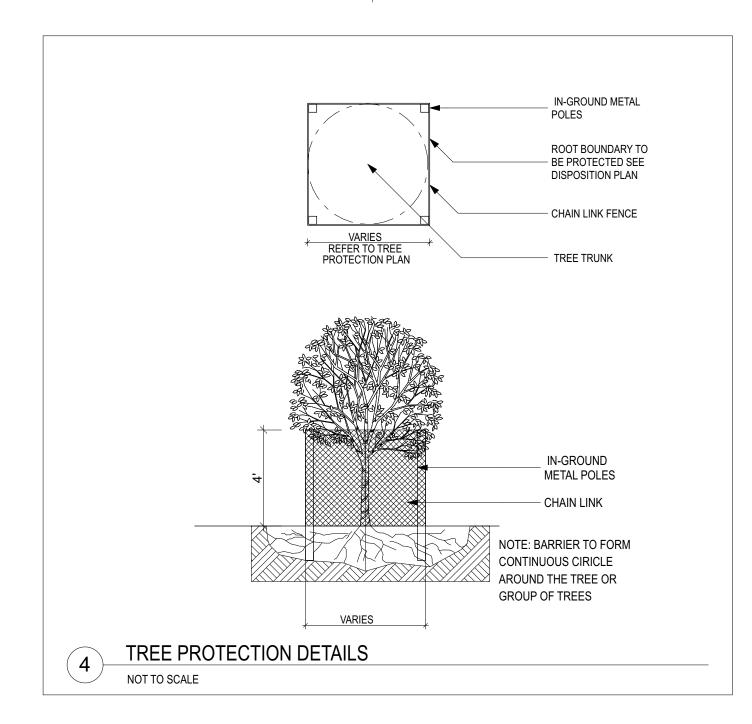
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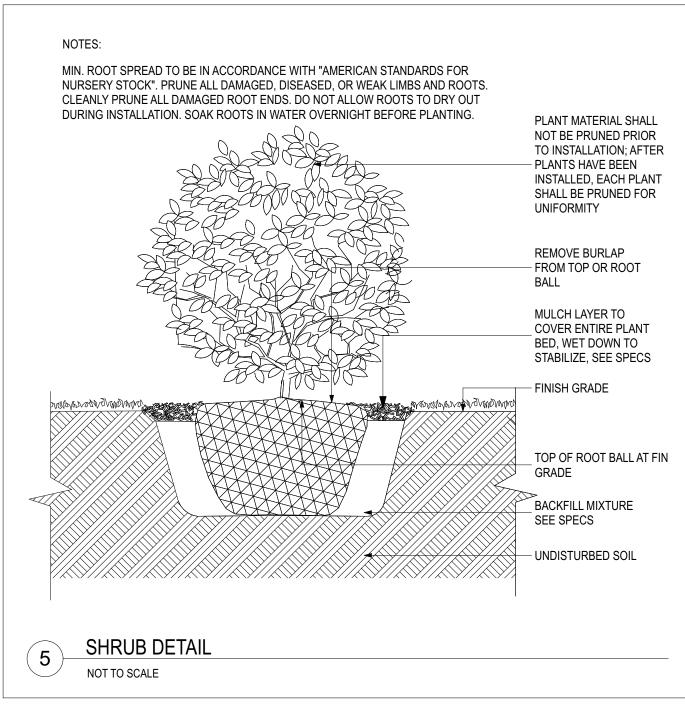
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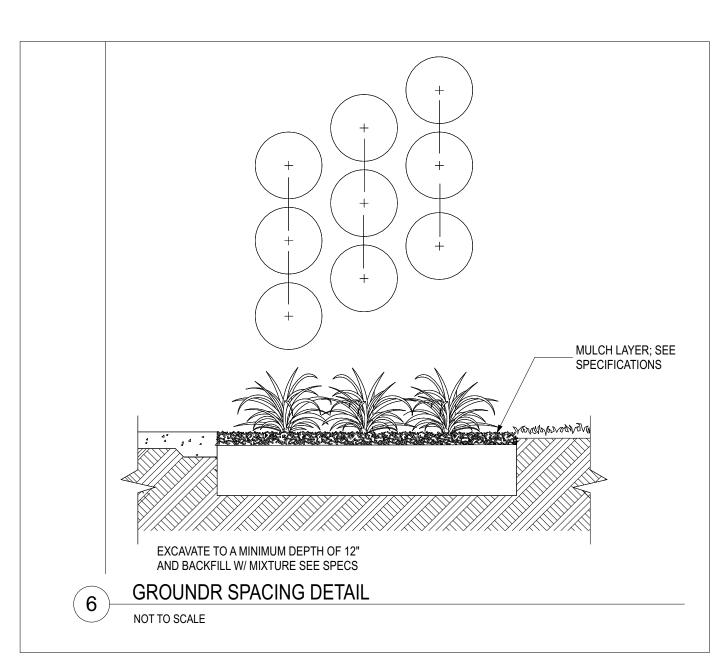
DRB FINAL SUBMITTAL PROJECT NUMBER: 1804

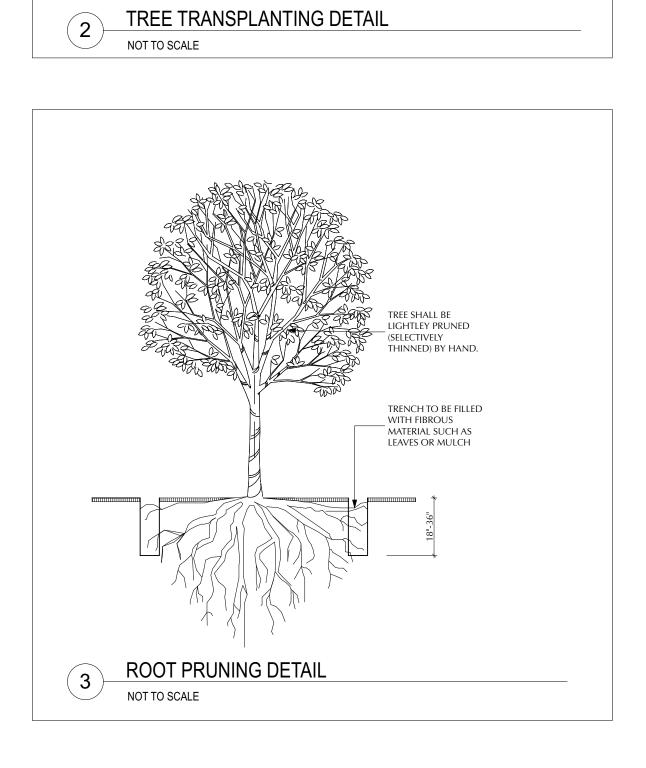
PLANTING PLAN











#### PLANTING SPECIFICATIONS

#### PLANTING SPECIFICATIONS

MIN. ROOT SPREAD TO BE IN ACCORDANCE WITH "AMERICAN

STANDARDS FOR NURSERY STOCK"

WEAK LIMBS AND ROOTS. CLEANLY PRUNE ALL DAMAGED ROOT ENDS. DO

OVERNIGHT BEFORE PLANTING.

NOT ALLOW ROOTS TO DRY OUT DURING

THIN BRANCHES AS

REQUIRED BY
LANDSCAPE ARCHITECT

DO NOT CUT CENTRAL

4 TURNS BROWN

24" X 2" X 4" BATTEN

NAIL AS REQ'D -

1" ABOVE FIN

4" HIGH BERM -

LARGE TREE STAKE DETAIL

NOT TO SCALE

TOP PF ROOT BALL

- WITH METAL STRAP OR APP. EQUAL

- 2" X 4" PT WOOD STAKES

MULCH LAYER, SEE SPEC

NAIL BRACES TO 2" X 4" X

3'-0" LONG STAKES, BURY

REMOVE BURLAP FROM

BACKFILL MIXTURE SEE

UNDISTURBED SOIL

RIANGLE WOOD

SUPPORT WITH BURLAP

TRANSPLANTING HOLE

THAT WAS TRENCHED

SET THE TREE NO DEEPER

HOLE SHOULD BE FILLED WITH A MIXTURE

OF GOOD TOPSOIL AND EXISTING SOIL.
ELIMINATE AIR POCKETS WITH THE USE OF

THAN IT WAS IN ITS ORIGINAL GROWING

PROVIDE DISH TO

SHOULD BE AT LEAST 1/3

INSTALLATION, SOAK ROOTS IN WATER

- 1. The Contractor is responsible for maintaining, all planting areas (including watering, spraying, mulching, mowing, fertilizing, etc.) until the job is accepted, in full, by the Owner and/or Landscape Architect.
- 2. All root balls shall conform to the size standards set forth in "American Standards for Nursery Stock"
- 3. All plant material shall be protected during transport and delivery to final location with shade cloth or other acceptable means of windburn prevention.
- 4. All trees must be guyed or staked as shown in the details.
- 5. Installation- All plant material shall be installed in a sound, workman- like manner and according to accepted good planting and tree relocation procedures with the quality of plant materials as hereinafter described. All elements of landscaping shall be installed so as to meet all applicable ordinances and code requirements.
- 6. There shall be no chains or cables used on trees or palms. Handle with two inch (2") minimum width nylon straps or equal.
- 7. Contractor shall assure drainage and percolation of all planting pits prior to installation of plant material. Contractor shall fill all tree pits with water before planting to assure that proper drainage and percolation is available. Correct if required to assure percolation. Contractor is responsible for replacement of all plants lost due to inadequate drain- age conditions.
- 8. Contractor to request final acceptance of project in writing. If all work is satisfactory and complete in accordance with conditions of contract documents, then the Owner and the Landscape Architect shall declare the project substantially complete.
- 9. Contractor to replace rejected plant material within one (1) week of written notice.
- 10. Contractor shall mulch all plant material throughout and completely to a three inch (3") depth of loose, weed free, sterilized Melaleuca mulch.
- 11. Plant Material which is not installed at the direction of the landscape architect or owner will become the property of the contractor unless it becomes relocated on site. The Contractor shall provide the owner a credit for any plant material not installed on the site.

#### SOIL PREPARATION AND SOIL MIX

- 1. All shrub beds shall be provided with a minimum 30" depth of approved planting soil if existing soil is not acceptable to the Landscape Architect. Shrub beds shall be excavated to 30" depth and soil replaced as specified. Acceptable soil composition shall be 70% sand, 30% organic content with an overall pH range between 6.5 and 7.5.
- 2. Apply Roundup (manufactured by Monsanto Corp. or equal.) according to manufacturer's rate and specification within limits of all areas to be planted. Protect existing plants to remain from overspray or spray within root zone. Contractor to ensure total weed eradication from all areas to be planted.
- 3. Before replacing topsoil, rake subsoil surface clear of stones (1" diameter and larger), debris, rubbish, and remaining roots from removed plant material.
- 4. Scarify subsoil to a depth of six inches (6").
- 5. Contractor to apply "Surflan" or equal, or approved pre-emergent herbicide in accordance with manufacturer's rate and specifications.

## 6. Planting Soil Mixtures:

All plant material on grade with the exception of palms and beach material, shall be planted with the following soil mix:

## Planting Soil Mixture A:

- a.) Weed free soil and consist of
  - 70% clean silica sand, 30% everglades muck, and
- b.) There must be a slight acidic reaction to the soil with no excess calcium or carbonate.c.) Soil shall be delivered in a loose friable condition.

## All palms + beach material on grade shall be planted with the following: Planting Soil Mixture B:

- a.) 80% clean sillca sand
- b.) 20% everglades mack
- 7. Topsoil shall be natural, fertile, agricultural soil capable of sustaining vigorous plant growth. It shall be of uniform composition throughout, with admixture of subsoil. It shall be free of stones, lumps, live plants an their roots, sticks, and other extraneous matter. Spread topsoil mixture to minimum depth of three inches (3") throughout all lawn areas ..
- 8. Remove all rocks and other objects over one inches (1") in diameter.
- 9. Smooth all soil mixture to five inches (5") below top of surrounding pavement edges. This allows room for 3" of mulch and 2" clear space below top of pavement.
- 10. Smooth topsoil mixture to two inches (2") below finish grade in areas to be sodded.
- 11. Topsoil shall not be extremely acid or alkaline, nor contain toxic substances which may be harmful to plant growth. The topsoil pH shall be in the range of pH 6.5 to 7.5. If necessary, the Contractor shall apply the appropriate soil amendments adjusting soil pH to assure a pH range of 6.5 to 7.5.
- 12. Finish grade all topsoil areas to a smooth, even surface, assuring positive drainage away from the structures and eliminate any low areas which may collect water.
- 13. Contractor shall assure percolation and drainage of all planting pits prior to planting. Contractor will be responsible for all plants lost due to the lack of percolation.
- 14. Contractor to remove debris and excess material daily from job site. Contractor shall remove all staking of trees and palms after twelve (12) months of substantial completion.

## MULCH

- 1. Mulch shall be shredded Florimulch (100% Melaleuca mulch). Planting areas not covered by lawn grass/sod shall be mulched to a minimum depth of 3", in order to present a finished appearance.
- 2. Any other mulch must be must be submitted to and approved.

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RUDOLF UHLEMANN LA 6667213

**ISSUE DATE**: 7/6/18

REVISIONS:

ID DATE DESCRIPTION

DRAWN/CHECKED: RU

DRB FINAL SUBMITTAL

PROJECT NUMBER: 1804

PLANTING DETAILS

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RESIDENCE
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SEAL

RUDOLF UHLEMANN

LA 6667213

ISSUE DATE: 7/6/18

REVISIONS:

ID DATE DESCRIPTION

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DRB FINAL SUBMITTAL

LIGHTING PLAN

140

GARDEN LIGHT®LED of SE FLORIDA | LED PRODUCTS | SPECIFICATIONS

MODEL: WW WALL WASHER

APPLICATION:

Up light, Shadowing, Wall Wash, Silhouette, Architectural Accents
CDNSTRUCTION:
6061 Aluminum – Clear Anodized (SSA Model)
6061 Aluminum – High Performance Enamel (AB, BLK Models)

High Performance C360 Solid Brass (BR Model)
Tempered Mineral Glass Protective Lens
LED LIFE EXPECTANCY (TM-21 DATA):

Greater than 60,000 hours (greater than 20 years at 8 hours per day)

DRIVER SYSTEM:

External Driver reduces heat while extending the life of electronic components
INPUT VOLTAGE RANGE:
10.5 to 18 Volts AC or DC (20W-50W equivalent models)
12 to 18 Volts AC or DC (75W equivalent model)

INSTALLATION AND HARDWARE:

• LV180 Ground Stake included

• All stainless steel hardware

LEAD WIRES:

• 46 inch length

ELECTRONICS WARRANTY:
• 20 Years

ULECC 18 AWG Tinned Copper Wire

BLK

Intertek

GARDEN LIGHT\*LED of SE FLORIDA | LED PRODUCTS | SPECIFICATIONS

MODEL: V2 VISIONARY SERIES

Up light, Shadowing, Wall Wash, Silhouette, Architectural Accents

• Greater than 60,000 hours (greater than 20 years at 8 hours per day)

• External Driver reduces heat while extending the life of electronic components

6061 Aluminum – Clear Anodized (SSA Model)

High Performance C360 Solid Brass (BR Model)

LED LIFE EXPECTANCY (TM-21 DATA):

• Tempered Mineral Glass Protective Lens

INSTALLATION AND HARDWARE:

• 6061 Aluminum – High Performance Enamel (BLK Model)

APPLICATION:

CONSTRUCTION:

DRIVER SYSTEM:

INPUT VOLTAGE RANGE:

LV180 Ground Stake included

ULECC 18 AWG Tinned Copper Wire

ELECTRONICS WARRANTY:

UL1838 Low Voltage Landscape Lighting

• C360 Solid Brass (BR) • Black (BLK)

POWER CONSUMPTION/AVAILABLE MODELS:

• See Power Consumption / Model Availability Table (next page)

(CHOOSE 1 ITEM FROM EACH COLUMN BELOW) EX: V2354 BLK

2 (for 25°)

6 (for 60°)

35 4 (for 40°)

2700K 2700K Warm White

5000K 5000K Neutral White

AMB Amber BLU Blue

GRN Green

RBL Royal Blue

All stainless steel hardware

LEAD WIRES:

46 inch length

CERTIFICATION:

AVAILABLE FINISHES:

Stainless Aluminum (SSA)

20 Years

• 10.5 to 18 Volts AC or DC

BLK

SSA

CERTIFICATION:

• UL1838 Low Voltage Landscape Lighting

POWER CONSUMPTION/AVAILABLE MODELS:

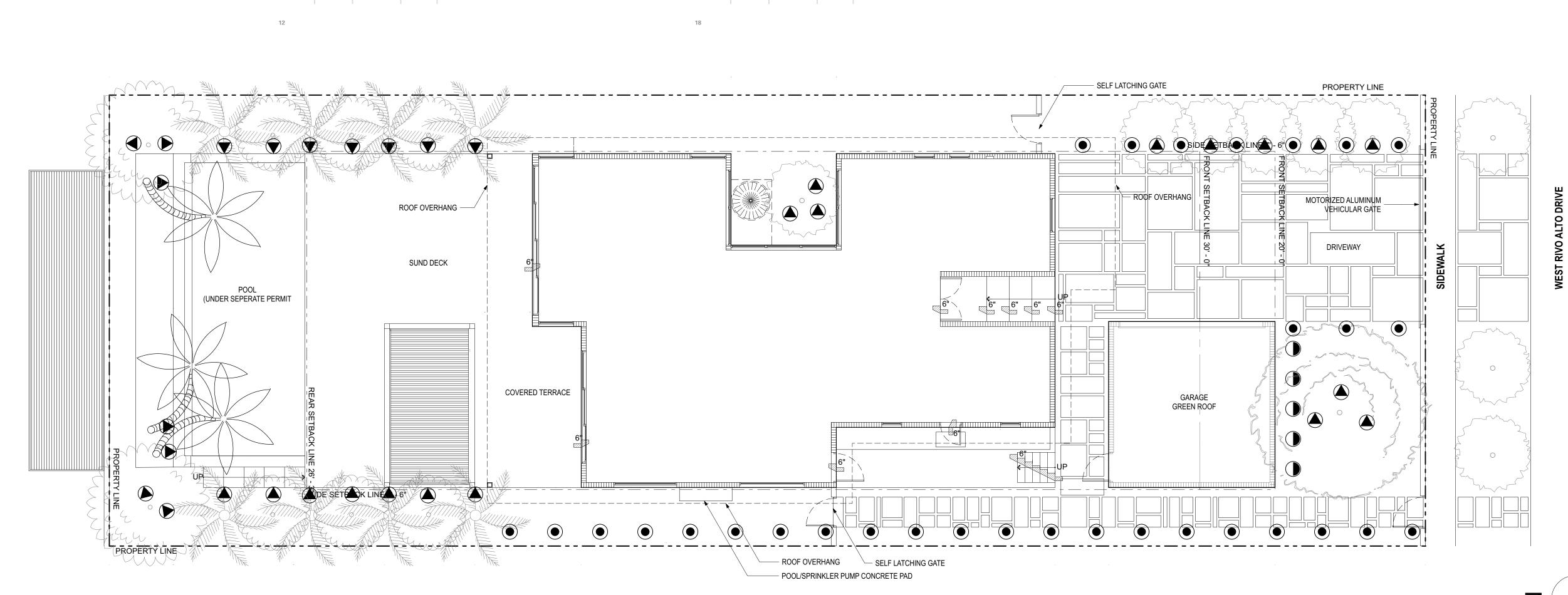
• See Power Consumption / Model Availability Table (next page)

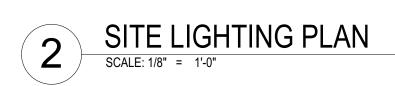
ORDERING CODES
(CHOOSE 1 ITEM FROM EACH COLUMN BELOW) EX: WW75F BLK

Model #	Wattage	Optics	Finish	Light Output
WW	20 35 50	F (Flood)	AB BLK BR	(blank) 3000K Warm White 2700K 2700K Warm White 5000K 5000K Neutral White
	75		SSA	AMB Amber BLU Blue RBL Royal Blue
				GRN Green RED Red

J	2D Sy
)	

Lighting schedule										
2D Symbol	Light Fixture	Quantity	Manufact	Model	Voltage	Lamp	Watts	Color Temp	Material	Finish
	Path Light	31	Garden Light LED	P10	12V	LED	8 Watts	3000 K	Solid Brass	Brass
	Spot Light	32	Garden Light LED	V2	12V	LED	8 Watts	3000 K	Solid Brass	Brass
	Wall Washer	5	Garden Light LED	ww	12 vac	LED	20 watt	3000 K	Solid Brass	Brass





GARDEN LIGHT®LED of SE FLORIDA | LED PRODUCTS | SPECIFICATIONS

APPLICATION:

CONSTRUCTION:

DRIVER SYSTEM:

INPUT VOLTAGE RANGE:

LV180 Ground Stake included

ULECC 18 AWG Tinned Copper Wire

ELECTRONICS WARRANTY:

AVAILABLE FINISHES:

ORDERING CODES

POWER CONSUMPTION/AVAILABLE MODELS:

Architectural Bronze (AB)
 C360 Solid Brass (BR)

(CHOOSE 1 ITEM FROM EACH COLUMN BELOW) EX: P10 SSA

(blank) 2700K

5000K

AMB

BLU

RBL

GRN

Light Output

Blue

Green

Royal Blue

• Stainless Aluminum (SSA) • Black (BLK)

• See Power Consumption / Model Availability Table (next page)

LEAD WIRES:

46 inch length

20 Years

• 10.5 to 18 Volts AC or DC

Paths, Walkways, Patios and Small Areas

Tempered Mineral Glass Protective Lens

INSTALLATION AND HARDWARE:

6061 Aluminum – Clear Anodized (SSA Model)

High Performance C230 Solid Brass (BR Model)

LED LIFE EXPECTANCY (TM-21 DATA):

• 6061 Aluminum – High Performance Enamel (AB, BLK Models)

• Greater than 60,000 hours (greater than 20 years at 8 hours per day)

• External Driver reduces heat while extending the life of electronic components

MODEL: P10 PATH LIGHT SERIES