# MARSHALL PARKWAY AT RIVERLAND PARCEL 'B' - PHASE 2

(RIVERLAND MPUD)

### SCHEDULE OF CONTENTS

MARSHALL PARKWAY AT PARCEL B - PHASE 2 DATA TABLE

BALANCE OF ROADWAY IS NOT PLANTABLE SPACE DUE TO INTERSECTIONS, TURN LANES, OR FUTURE MEDIAN OPENINGS.

Required

(1) 3444 LF OF ROADWAY WITH LARGE TREES (CALCULATED AT 60' O.C. PER SEC. 156.121) = 57.4 TREES 348 LF OF ROADWAY WITH MEDIUM TREES (CALCULATED AT 50' O.C. PER SEC. 156.121) = 6.9 TREES 545 LF OF ROADWAY WITH SMALL TREES/PALMS (CALCULATED AT 40' O.C. PER SEC. 156.121) = 13.6 TREES

57.4 TREES + 6.9 TREES + 13.6 TREES = 77.9 TREES REQUIRED

(25%) = 112 TOTAL TREES/PALMS PROVIDED.

Allowed

(25%)

(2) TOTAL TREES / PALMS PROVIDED: 93 SHADE TREES PROVIDED (AVG SPACING 40' O.C. PER PSL BEAUTIFICATION POLICY) + 19 PALMS ALLOWED

15 ADDITIONAL PALMS WERE PROVIDED IN EXCESS OF THE 25% ALLOWED BY CODE AND WERE NOT USED TO MEET THE TOTAL NUMBER OF

Provided

Provided

Sheet L1.MP2 COVER SHEET, DETAILS, AND SPECIFICATIONS Sheet L2.MP2 Sheet L3.MP2 Sheet L4.MP2

MARSHALL PARKWAY - PHASE 2 PLANTING PLANS MARSHALL PARKWAY - PHASE 2 PLANTING PLANS MARSHALL PARKWAY - PHASE 2 PLANTING PLANS

# SHEET KEY **PLANTING PLANS** N.T.S. LAKE #15 MARSHALL PARKMAY AT PARCEL B - PHASE 1

#### Plant Specifications

SPECIES AND SIZE shall conform to those indicated on the drawings. Nomenclature shall conform to STANDARDIZED PLANT NAMES, current edition. All nursery stock shall be in accordance with Grades and Standards for Nursery Plants Parts | & ||, latest edition published by the Florida Department of Agriculture and Consumer Services. All plants not otherwise specified as being Florida Fancy or Specimen, shall be Florida Grade Number 1 or better as determined by the Florida Division of Plant Industry. Specimen means an exceptionally heavy, symmetrical, tightly knit plant, so trained or favored in its development that first appearance is unquestionable and outstandingly superior in form, number of branches, compactness and

All plants shall be freshly dug, sound, healthy, vigorous, well branched, and free of disease and insect eggs and larvae, and shall have adequate root systems. Trees for planting rows shall be uniform in size and shape. All materials shall be subject to approval by the Landscape Architect. Where any requirements are omitted from the plant list, the plants furnished shall be normal for the variety. Plants shall be pruned prior to delivery only upon the approval of the Landscape Architect.

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 which are good quality and in a healthy growing condition. An established container grown plant shall be 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. Plant root bound in containers are unacceptable MEASUREMENTS

Height shall be measured from ground to the average height of canopy. Spread shall be measured to the end of branchina equally around the crown from the center of the trunk. Measurements are not to include any terminal growth. Single trunk trees shall be free of "V" crotches that could be points of weak limb structure or disease infestation.

Heights shall be measured from the ground to the average points where mature plant growth stops. Spread shall be measured to the end of branching equally around the shrub mass. Measurements are not to include any terminal growth.

Clear Trunk (C.T.), shall be measured from the ground at the time of installation to the point where the mature aged trunk joins the immature or green portion of the trunk or the head.

Overall height (O.H.), shall be measured from the ground at the time of installation to a point three quarters the length of the unopened bud. Palms with marred or burned trunks will not be accepted.

Planting soil for use in preparing backfill for plant pits shall be added at a rate of seventy-five (75%) percent to twenty-five (25%) percent existing soil. This soil mix shall be used in all plant pits except Sabal palms which shall be backfilled with clean sand. Planting soil shall be a fertile, friable natural topsoil or loamy character. It shall contain forty (40) to fifty (50) percent decomposed organic matter and shall be free from heavy clay, stones, lime, plants, roots or other foreign materials or noxious grasses (such as Bermuda or nut grass) and noxious weeds. It shall not contain toxic substances which may be harmful to plant growth.

#### COMMERCIAL FERTILIZER

Two fertilizer shall be used in all types of plantings, except palms. 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: sixteen (16%) percent nitrogen, seven (7%) percent phosphorus, twelve (12%) percent potassium, plus iron. Tablet fertilizer ("Agriform" or equal) in 21 gram size shall meet the following requirements: twenty (20%) percent nitrogen, ten (10%) percent phosphorous, five (5%) percent potassium.

#### The two fertilizers will be applied at the following rates:

PLANT SIZE	16-7-12	"AGRIFORM" TABLET (21 Grams)
1 gal.	1/4 lb.	1
З gal.	1/3 lb.	2
7-15 gal.	1/2 lb.	4
1"-6" caliper	2 lbs./1" caliper	2/1" caliper
6" and larger	3 lbs./1" caliper	2/1" caliper

"Florida East Coast Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper unless otherwise specified.

Mulch material shall be three (3) inches of shredded Class 'A' mulch (sterilized and free of seeds) or approved equal, moistened at the time of application to prevent wind displacement.

No substitutions of plant material types or size will be allowed without written consent of the Landscape Architect. B&B material will not be accepted as substitute for container grown material unless previously

### **PSLUSD Notes:**

ANDSCAPE PLANS SHALL BE SUBMITTED FOR THE PROJECT INDICATING THE LOCATION OF LANDSCAPE AREAS, PERIMETER WALLS, FOUNDATIONS. BERMS, TREE WELLS, FENCES, GATES, SIGNS, DECORATIVE ROCKS, SCULPTURE, FOUNTAINS, AND ANY OTHER FEATURES THAT MAY INFLUENCE THE LOCATION OF WATER / MASTEMATER / RECLAIMED WATER FACILITIES: ALSO, EXISTING AND PROPOSED WATER / WASTEMATER / RECLAIMED FACILITIES, AND RIGHT-OF-WAY, LOT LINES AND ALL EASEMENT INFORMATION, SHOWING OFFICIAL RECORD BOOK AND PAGE NUMBER SHALL BE INCLUDED. THE PLANS SHALL INCLUDE AND CONFIRM TO THE FOLLOWING STANDARD NOTES:

. NO LANDSCAPING SHALL BE PLANTED IN A MANNER THAT MOULD ADVERSELY AFFECT UTILITY EASEMENTS, LANDSCAPING SHALL BE IN COMPLIANCE WITH CHAPTER 154 OF THE CITY OF PORT ST. LUCIE CODE OF ORDINANCES, PSLUSD TECHNICAL SPECIFICATIONS AND POLICIES.

2. ALL LANDSCAPING WITHIN CITY UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES.

3. ALL LANDSCAPING SHALL MEET THE LATEST PSLUSD LANDSCAPE POLICY AND SHALL NOT BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATION AND MAINTENANCE OF ANY EXISTING UTILITY.

4. TREES SHALL NOT BE PLANTED WITHIN TEN (10) FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE, EXCEPT AS ALLOWED BY CIY OF PORT ST LUCIE UTILITY SYSTEMS DEPARTMENT LANDSCAPE POLICY.

5. NO LANDSCAPING OTHER THAN SOD GRASSES SHALL BE LOCATED WITHIN 5' OF A PSLUSD APPURTENANCE SUCH AS A WATER METER ASSEMBLY, BACK-FLOW DEVICE, FIRE HYDRANT OR SEWER CLEANOUT, ETC.

#### Symbols Legend

D.E.	DRAINAGE EASEMENT	O.E.	OVERHANG EASEMENT
L.M.E.	LAKE MAINTENANCE EASEMENT	G.E.	GRADING EASEMENT
L.M.A.E.	LAKE MAINTENANCE ACCESS EASEMENT	PSL	PORT ST LUCIE
R.O.W. U.F.	RIGHT OF WAY UTILITY EASEMENT	L.E.	LANDSCAPE EASEMENT
0.2.	UTILITY EASEMENT - RESTRICTED AREA	D.S.E.	DRAINAGE SWALE EASEMENT
	(SEE "U.E." PLAT DEDICATION)	O.S.	OPEN SPACE
STM	STORM SEWER LINE WITH MANHOLE	S&M	SEED & MULCH
STM	STORM SEWER LINE WITH CATCH BASIN	•	SIGN
SAN	SANITARY SEWER LINE WITH MANHOLE	$\bigcirc$	LOT NUMBER

TRUNK

WATER SVC. TO LOT WITH METER

SANITARY SVC. TO LOT WITH CLEANOUT

Root Barrier Detail

ENGINEERING

STANDARDS, TREES

A SIDEWALK, CURB,

PAVEMENT, OR DRAINAGE

INSTALL ROOT BARRIERS.

PLANTED WITHIN 5 FT OF

INFRASTRUCTURE SHALL

A MIN. 24" DEEP ROOT

BARRIER SHALL BE

MANUFACTURER'S

INSTALLED WITH A TEN

FOOT (10') MINIMUM

SEPARATION FROM

ANY UNDERGROUND

PIPE (MATER, SEMER

AND/OR SERVICES

HYDRANTS, OR LIF

STATIONS, UNLESS

HAVE A REDUCED

UTILITY SYSTEMS

CAN BE INSTALLED

MITHIN 5' OF A FIRE

SIDEMALK

(where applicable)

PRE-APPROVED TO

SETBACK BY THE PSL

INSTRUCTIONS.

# LOT NUMBER FIRE HYDRANT

AS REQUIRED INSTALL

15' LF ROOT BARRIER

ROOT". MIN 24" DEEF

PLACED FLUSH WITH

FINAL GRADE, CURB,

BY "BIOBARRIER"

AND/OR "DEEP

STRUCTURE OR

PSLUSD WATER

AND/OR SEMER

(IE. MAINS, SERVICES

AND/OR LATERALS)

SIDEWALK.

FACILITIES

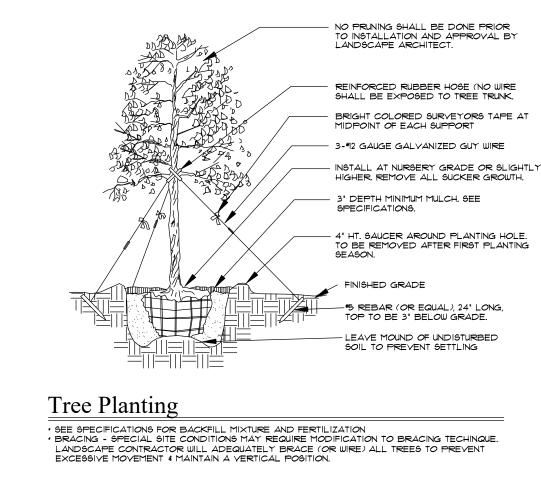
SIDEWALK

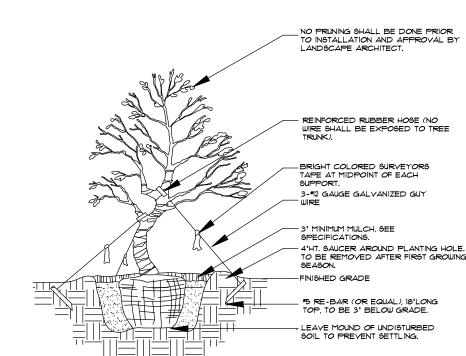
OVEDLIANC FACEMENT

■ STREET LIGHT

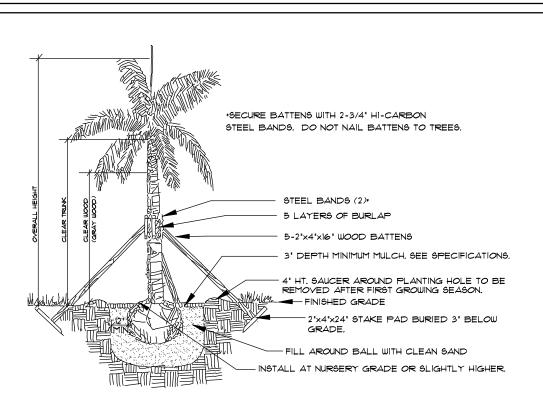
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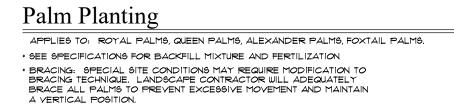
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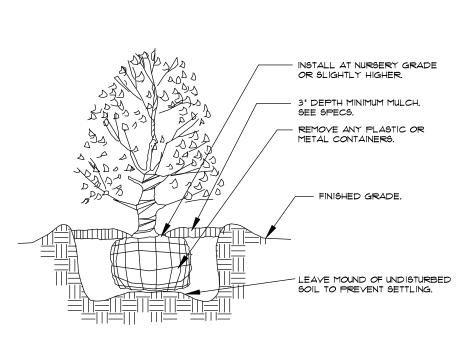




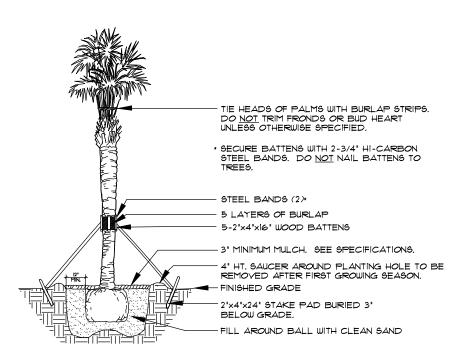
Irregular & Multi-Stem Tree Planting FOR TREES 6'-14'HT.





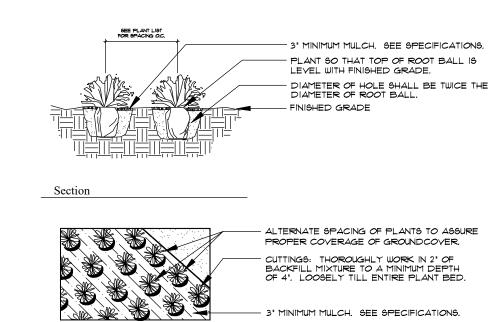


SEE SPECIFICATIONS FOR BACKFILL MIXTURE AND FERTILIZATION.



APPLIES TO: SABAL PALMS, WASHINGTON PALMS, CANARY ISLAND DATE PALMS,

\* SEE SPECIFICATIONS FOR BACKFILL MIXTURE AND FERTILIZATION



Groundcover Planting \* SEE SPECIFICATIONS FOR BACKFILL MIXTURE AND FERTILIZATION.

PSLUSD #5266F-2 PSL PROJECT NO. P24-020



design group, inc.

LANDSCAPE ARCHITECTURE PLANNING • GRAPHICS 4425 Military Trail, Suite 202 Suite 330 Jupiter, Florida 33458

Telephone:(561) 747-5069 Fax: (561) 747-2041 Email: mail@pydg.com

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Shade Trees

Provided

Required

(50%)

Trees/Palms

Provided

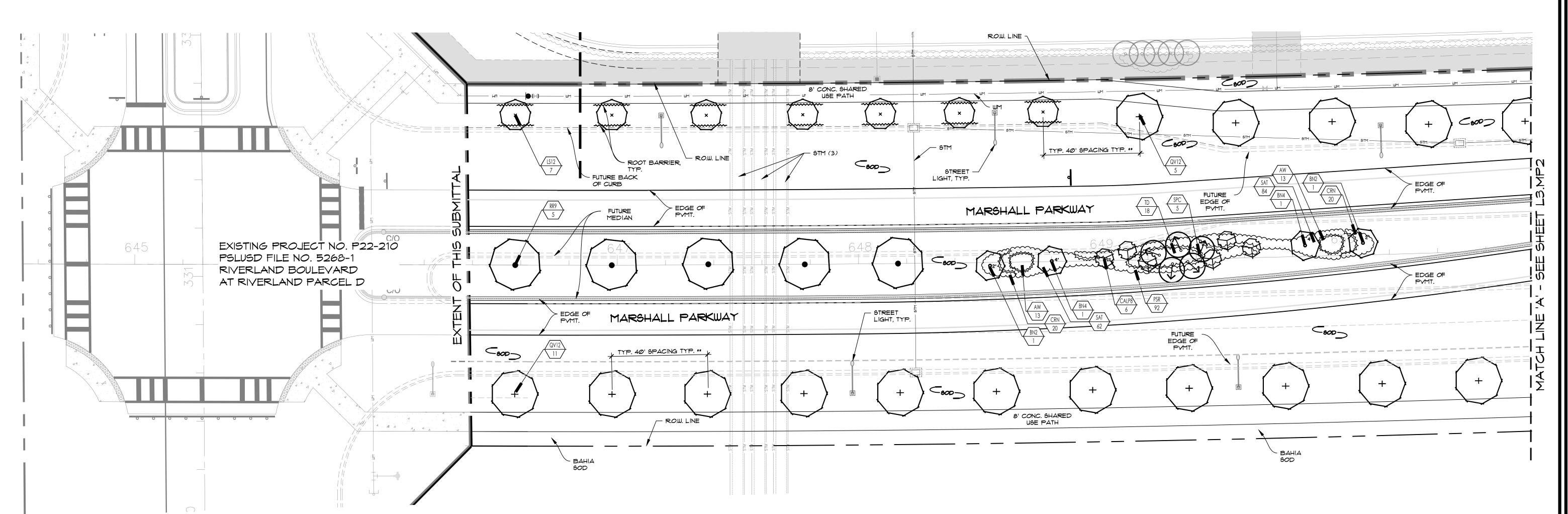
DATE: 02.07.24 DRAWN BY: AO/TY JOB NO.: 17-077 SCALE: N.A. FILENAME: Ryr Mstr HOA REVISIONS:

4.11.24 PSL cmnts.

6.28.24 PSL cmnts.

8.15.24 PSL cmnts.

9.16.24 Util updates



Symbols Legend

L.M.A.E. LAKE MAINTENANCE ACCESS EASEMENT

U.E.-R.A. UTILITY EASEMENT - RESTRICTED AREA

(SEE "U.E." PLAT DEDICATION)

OVERHANG EASEMENT

GRADING EASEMENT

LANDSCAPE EASEMENT

PORT ST LUCIE

D.S.E. DRAINAGE SWALE EASEMENT

O.S. OPEN SPACE

•

S&M SEED & MULCH

■ STREET LIGHT

SIGN

LOT NUMBER

FIRE HYDRANT

DRAINAGE EASEMENT

R.O.W. RIGHT OF WAY

WM ₩ WATER MAIN

L.M.E. LAKE MAINTENANCE EASEMENT

UTILITY EASEMENT

STM SEWER LINE WITH MANHOLE

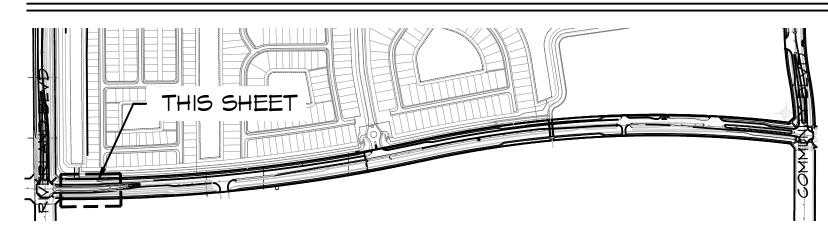
STM STORM SEWER LINE WITH CATCH BASIN

SAN SANITARY SEWER LINE WITH MANHOLE

WATER SVC. TO LOT WITH METER

SANITARY SVC. TO LOT WITH CLEANOUT C.O.

### SHEET KEY 🍑



#### PLANT LIST - SHEET L2.MP2

Calliandra haematocephala / Pink Powder Puff

Schefflera arboricola 'Trinette' / Variegated Dwarf Schefflera

Tripsacum dactyloides / Fakahatchee Grass

Paspalum notatum / Bahia Grass

Paspalum notatum / Bahia Grass

Chocolate Mulch

Stenotaphrum secundatum / St. Augustine 'Floratam'

L512	Lagerstroemia speciosa / Queen's Crape Myrtle	12' ht., 3" cal., 45 gal., full canopy			
QV12	Quercus virginiana / Live Oak	12' x 5', 3" cal., 45 gal., full canopy			
PALMS					
BN2	Bismarckia nobilis / Bismarck Palm	1'-2' c.t., heavy cal., full frond			
BN4	Bismarckia nobilis 'Silver' / Silver Bismarck Palm	4' c.t., heavy cal., full frond			
RR9	Roystonea regia / Royal Palm	9' g.w., heavy cal., full frond			
SPC	Sabal palmetto / Cabbage Palm	6' - 22' c.t. hts., staggered hts., hurricane cut, slick trunk, curved as noted on plan			
SHRUBS, ACCENTS, AND GROUNDCOVER					
AM	Acalypha wilkesiana / Copperleaf	3 gal., 22" × 22", full			
CRN	Clusia rosea 'Nana' / Dwarf Pitch Apple	3 gal., 14 x 18", full, 24" o.c.			
PSR	Pennisetum setaceum 'rubrum' / Red Fountain Grass	3 gal., 20 x 14", full			

3 gal., 22 x 20", full

Seed Mulch

3 gal., 24" x 22", full, 30" o.c.

Solid sod, laid tight, Qty in SF

Solid sod, laid tight, Qty in SF

8' ht., 15 gal., full canopy, pink flower

-ALL PLANT MATERIAL SHALL MEET OR EXCEED SIZE AND CONTAINER SPECIFICATIONS IN PLANT LIST. PLANT MATERIALS NOT MEETING SPECIFICATION WILL BE REJECTED. CONTRACTOR TO COORDINATE AVAILABILITY ISSUES WITH OWNER PRIOR TO COMMENCING WORK. -AT A MINIMUM, ALL PLANT MATERIAL TO MEET SIZE SPECIFICATIONS SET OUT IN THE CITY OF PORT ST. LUCIE CODE OF ORDINANACES, SEC. 154.04 - LANDSCAPE MATERIAL STANDARDS.

-ALL TREE BRACING TO BE REMOVED BY THE CONTRACTOR AT THE CONCLUSION OF THE WARRANTY.

\*\* TREES SPACED AT 40' O.C. TYPICAL. 50' MAXIMUM IN THE EVENT OF INFRASTRUCTURE CONFLICT.

PSLUSD #5266F-2 PSL PROJECT NO. P24-020

3" Thick 'A' Grade Raw Wood Mulch, CHOCOLATE color - BID PER CY

PARKER • YANNETTE

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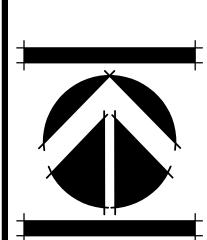
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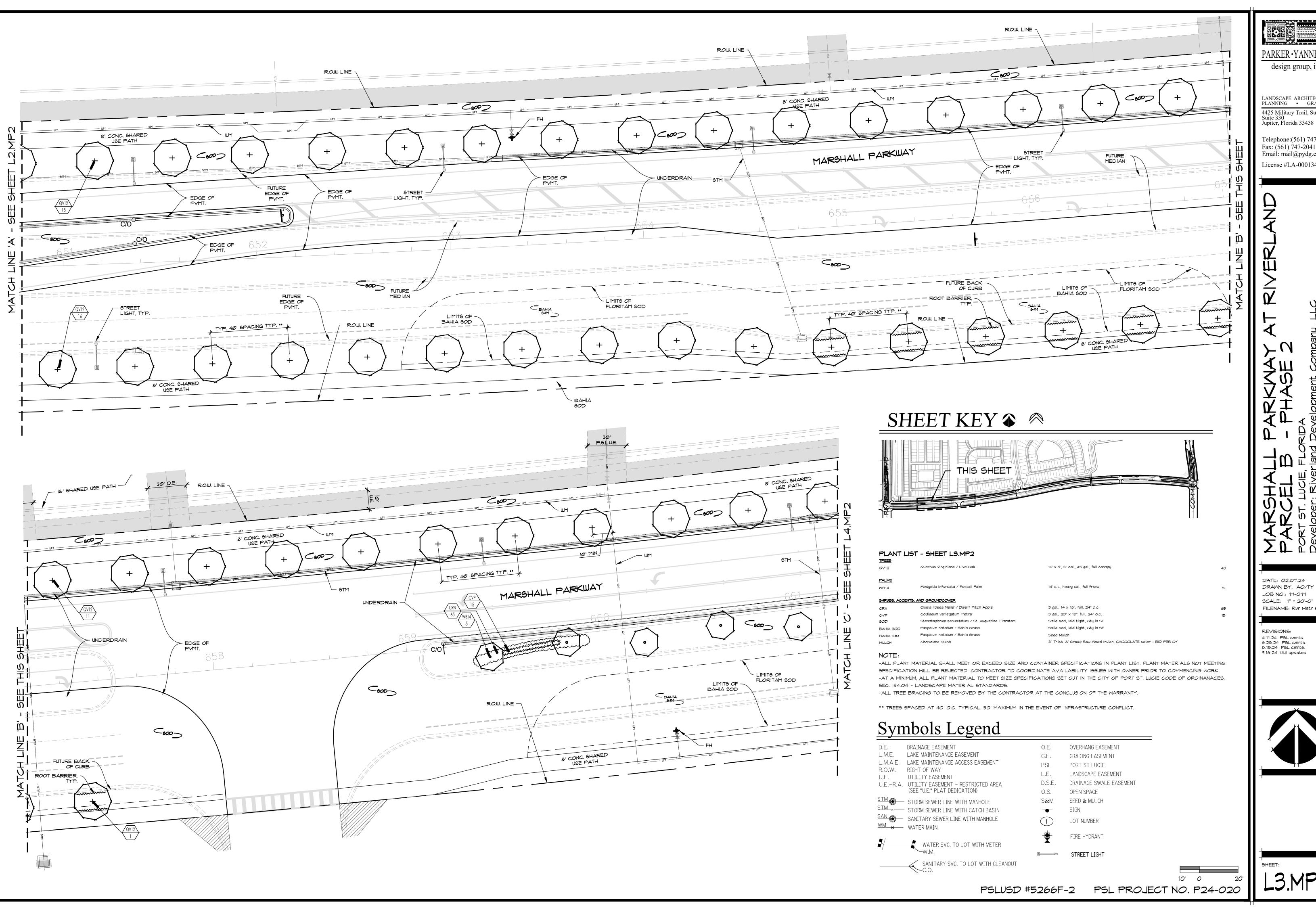
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DRAWN BY: AO/TY JOB NO.: 17-077 SCALE: 1" = 20'-0" FILENAME: Rvr Mstr HOA

REVISIONS: 4.11.24 PSL cmnts. 6.28.24 PSL cmnts. 8.15.24 PSL cmnts. 9.16.24 Util updates







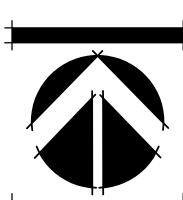
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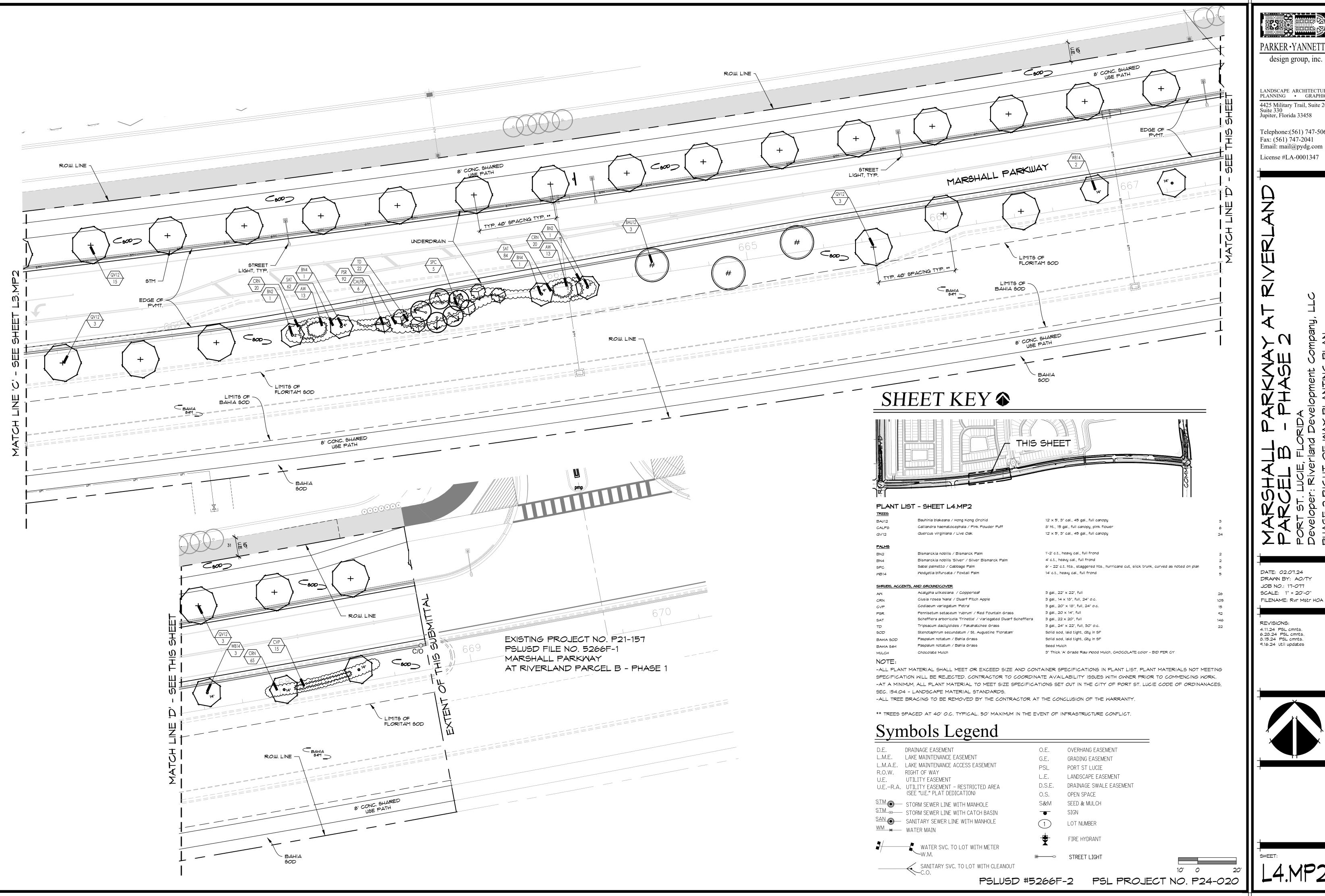
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