

CONTRACT PLANS COMPONENTS
LANDSCAPE & IRRIGATION

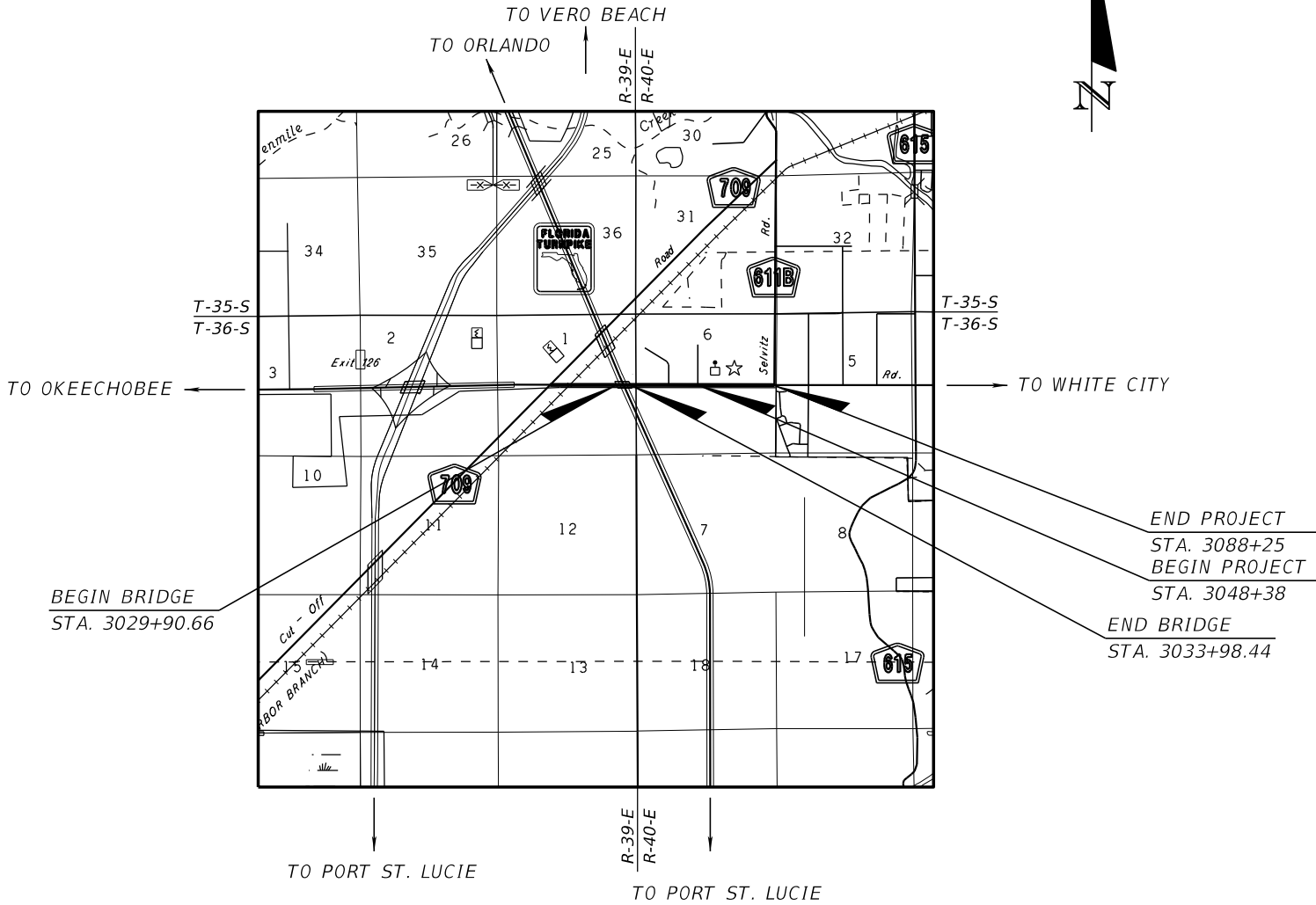
INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
	KEY SHEET
	GENERAL NOTES
	LANDSCAPE PLAN
	IRRIGATION PLAN
	TABULATION OF QUANTITIES

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 231440-5-52-01
ST. LUCIE COUNTY (94530000)
MIDWAY ROAD (CR 712)

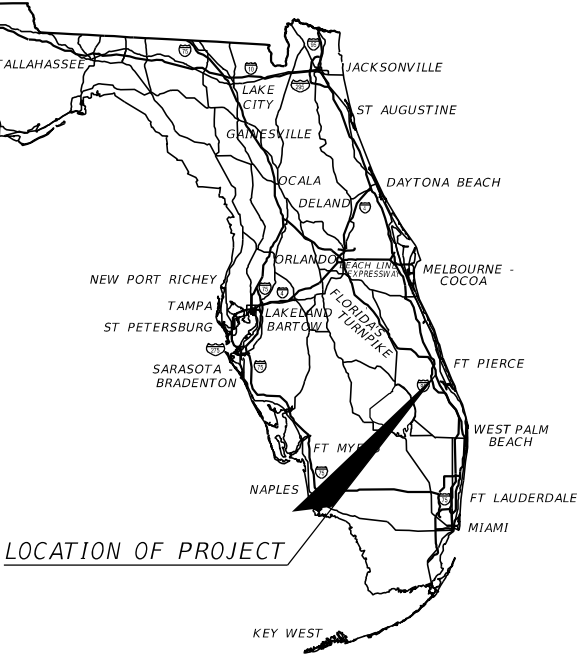


KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
LANDSCAPE ARCHITECT OF RECORD:
JONATHAN D. HAIGH, PLA NO.: 6666795
KIMLEY-HORN AND ASSOCIATES, INC.
1920 WEKIVA WAY, SUITE
WEST PALM BEACH, FLORIDA 33411
P: 407.971.8850 F:407.971.8955
CONTRACT NO.: C9J55
VENDOR NO.: F593216593003
CERTIFICATE OF AUTHORIZATION NO.: 696

FDOT PROJECT MANAGER:
HAIYAN OU, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		LD-1





A regular hexagon with a center point.



--	--	--	--	--	--

Mulch: Grade 'A' shredded Eucalyptus mulch and moistened at the time of application.

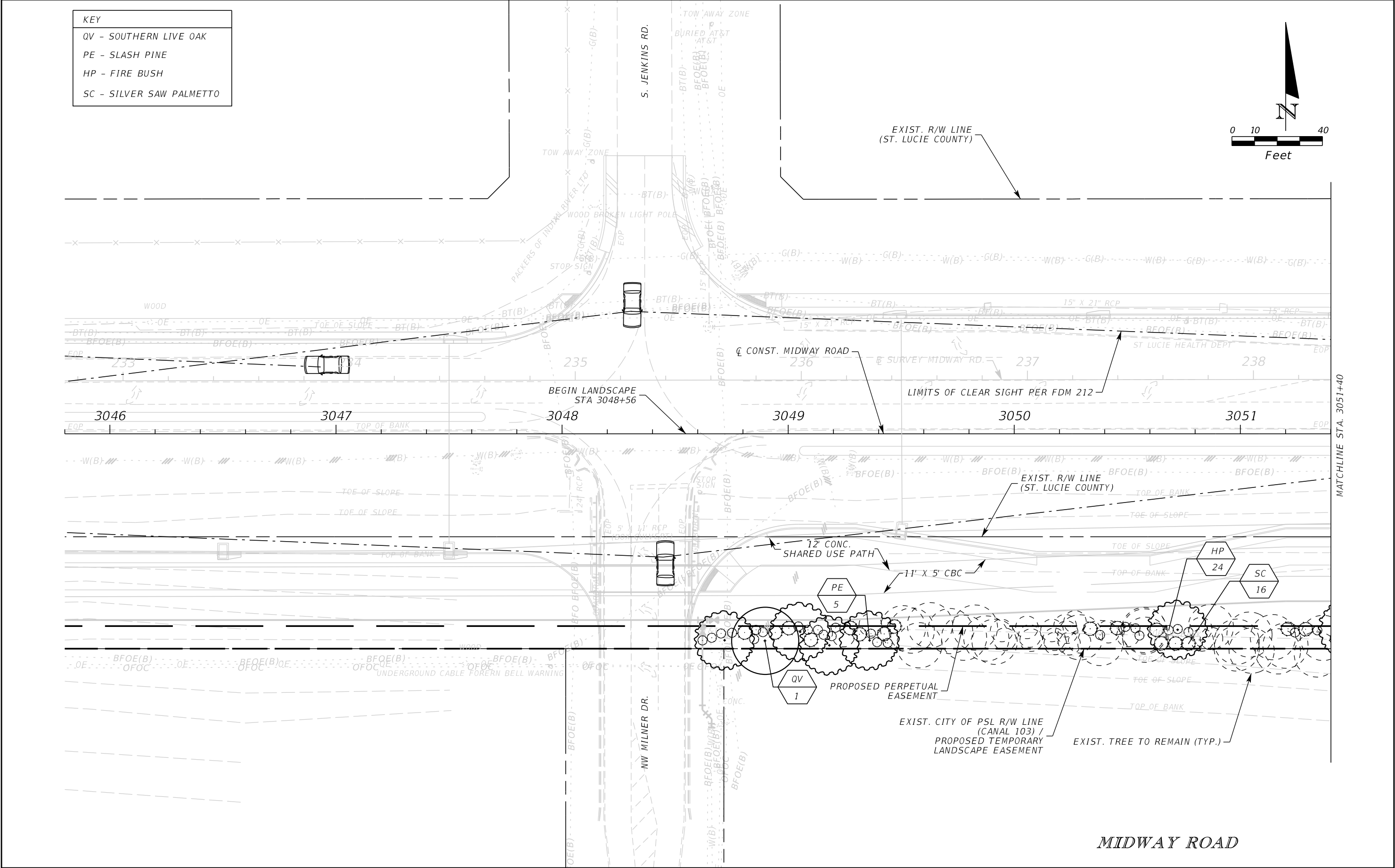
C.T.- CLEAR TRUNK
HT.- HEIGHT
O.A.- OVERALL HEIGHT
O.C.- ON CENTER
SPR.- SPREAD
RGN.- REGENERATED ROOT BALL
FG.- FIELD GROWN
G.W.- GREY WOOD
PPP- PLANTS PER POT

UNDERGROUND UTILITIES	10'
DRAINAGE STRUCTURES	10'
LIGHT POLES - PALMS	10'
- CANOPY TREE	25'
OVERHEAD UTILITIES	20'

1. PLACE LANDSCAPING ELEMENTS SUCH THAT MINIMUM SIGHT DISTANCE IS MAINTAINED FOR EXISTING/PROPOSED SIGNS AND SIGNALS, ON-COMING TRAFFIC, ETC. CONTACT THE ENGINEER FOR GUIDANCE.
2. ALL PLANT MATERIAL SHALL BE INSTALLED A MINIMUM OF 10' FROM ANY UNDERGROUND UTILITIES AND NO LESS THAN 20' FROM OVERHEAD LINES AND UTILITIES.

LANDSCAPE MAINTENANCE PLAN FINANCIAL PROJECT NO. 234110-5-52-01		
Activity	Min. Cycles per Year	Description
Moving & Edging	10	All turf areas within the project limits are to be mowed once every five (5) weeks. Maintain turf at no taller than four (4) inches in height at all times. Prior to mowing, all areas within the project limits shall be cleared of litter.
Litter Removal	6	All areas within the project limits are to be cleared of litter. Removal must occur prior to any mowing or edging activities.
Weed Control	6	All shrub beds and tree rings are to be maintained weed free. The first line of defense shall be hand pulling weeds and mulching. Any problem areas shall be addressed by a licensed professional in natural weed control. The use of herbicides is discouraged. Eradicate Florida Exotic Pest Plant Council category one invasive trees, shrubs, and vines.
Fertilization	2	An assessment of each species requirement will be necessary in order to establish a proper fertilization program. At a minimum, plants should be fertilized twice a year, once at the beginning of the growing season and once four (4) months later. Additional fertilization may be necessary dependent upon the health of the plant. 100 percent of the (N) nitrogen, (K) potassium, (Mg) magnesium and (B) boron must be in controlled release form. For all trees, utilize a 15-5-10 fertilizer at 15 LBS per 1,000 SF, broadcast within 1.5 to 2 times the canopy diameter of the tree. For all palms, utilize a "Palm Special" fertilizer with an analysis of 8-2-12-4 MG with 100% of N,K and MG in slow release organic form. Micronutrients MD and FE must be in water soluble (sulfate or chelated) form. Apply at 10 LBS per 1,000 SF, broadcast under canopy area of palms. Any turf or plant material which requires fertilization and is within 50' of a palm is to utilize the same "Palm Special" fertilizer.
Pest & Disease Control	2	Plants must be monitored to assure that no infestations of pest or disease jeopardize the health and survivability of plants. In the event that pest issues are evident, a licensed professional shall be consulted to obtain the least toxic approach that is absolutely necessary for the plant's survival. Apply fungicide and pesticide per manufacturer's recommendations. Maintain documentation in writing for each chemical type applied, rates of applications, locations, dates of applications, and applicator's name and license information.
Mulch	2	Shrub beds and tree rings must be maintained with a consistent layer of mulch. Mulch must be replenished to a three (3) inch depth once the layer thickness becomes less than two (2) inches. Tree rings are to be maintained at a minimum of three (3) feet from the tree trunk. Avoid mulch mounded up on the trunks of trees, palms, and the base of shrubs. Mulch can be any standard horticultural mulch product except Cypress mulch or any dyed wood mulch product.
Water	As Required	Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes. Some plants may require supplemental water in the event of extreme droughts or after fertilization.
Pruning & Trimming	As Required	Canopy trees to be pruned to correct damage or poor branching. In the event a tree loses its central leader or develops co-dominate branches, tree pruning shall be utilized to correct the growth habit. Sabal palms to be pruned as needed to remove dead fronds and all fruit inflorescences. Saw palmetto and ornamental grasses to be cleaned of dead material semi-annually to maintain a clean appearance. Grasses do not need to be radically pruned to eliminate thatch. Plants are to be left to develop their natural growth habit and size. All tree trimming is to be performed under the direction of a Certified Arborist.
Traffic Control	As Required	Use proper traffic control procedures per FDOT requirements during maintenance activities.
Plant Replacement	As Required	Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the Florida Department of Agriculture and Consumer Services, Grades and Standards for Nursery Plants are permitted.

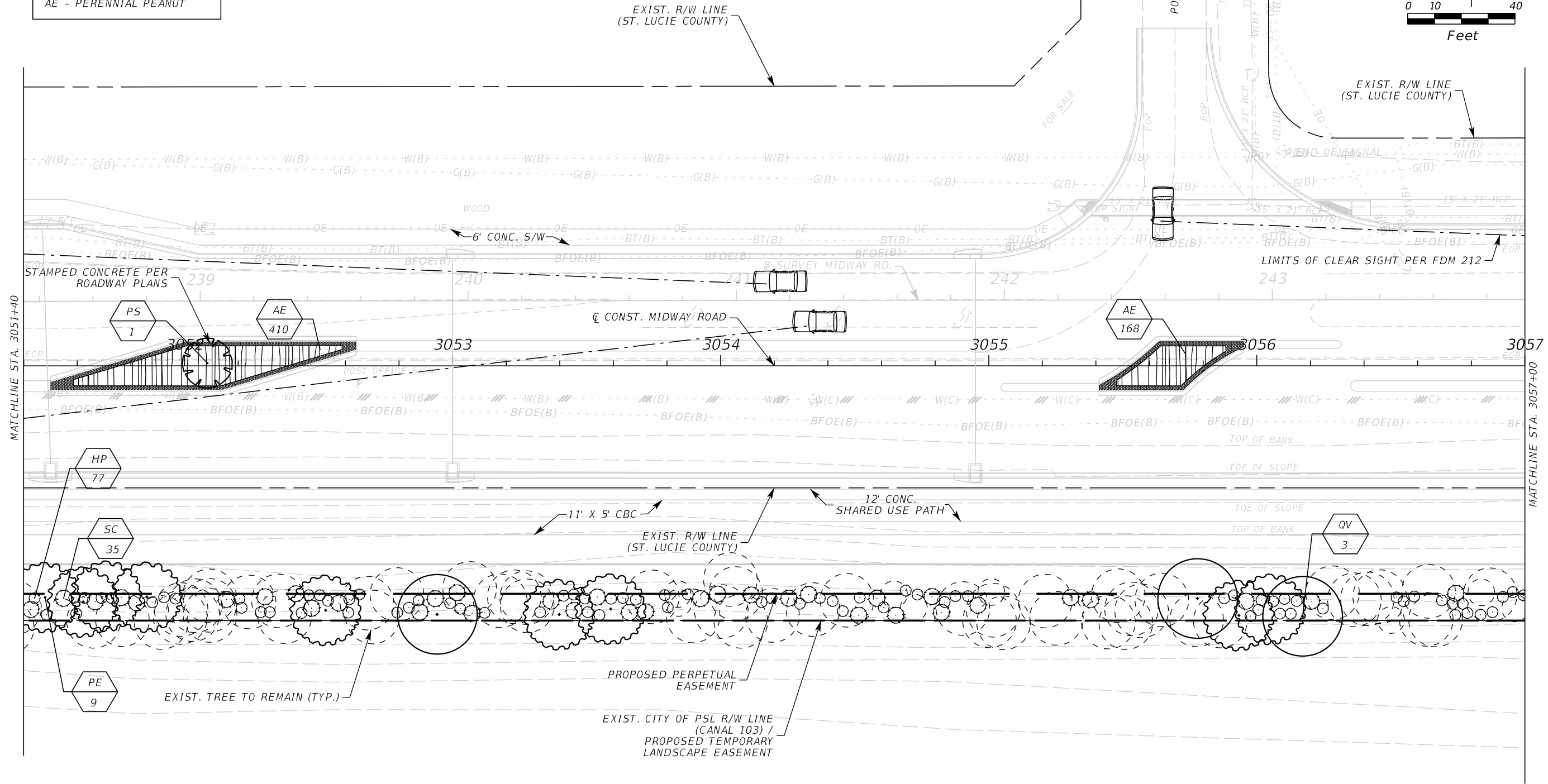
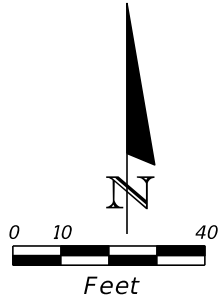
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-2
					CR 712	ST. LUCIE	231440-5-52-01		



REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY
QV - SOUTHERN LIVE OAK
PE - SLASH PINE
PS - SYLVESTER DATE PALM
HP - FIRE BUSH
SC - SILVER SAW PALMETTO
AE - PERENNIAL PEANUT

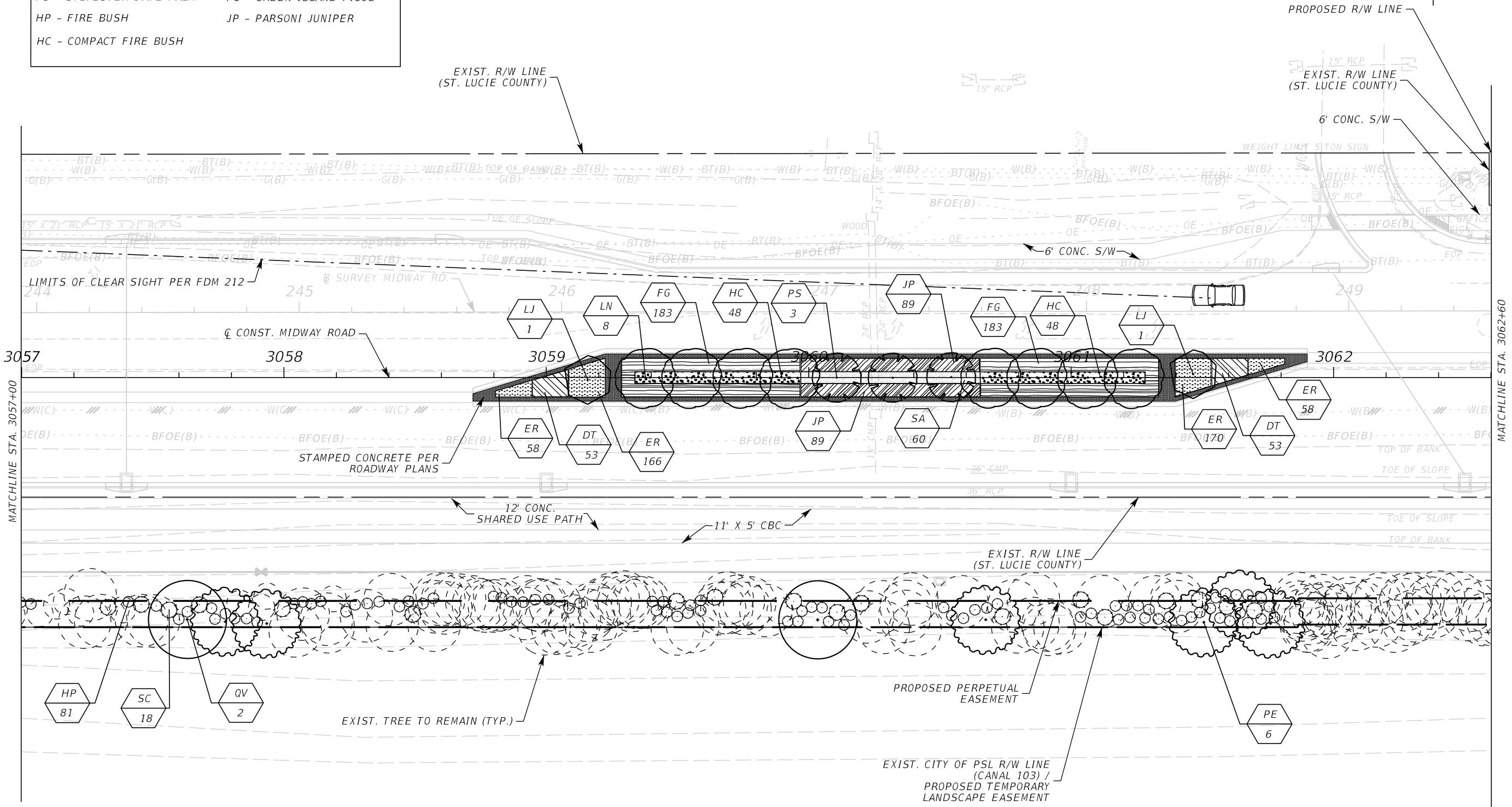
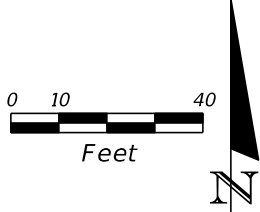


MIDWAY ROAD

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		LD-4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY	
LJ - LIGUSTRUM	SA - GREEN SCHEFFLERA
LN - 'NATCHEZ' CRAPE MYRTLE	SC - SILVER SAW PALMETTO
PE - SLASH PINE	DT - FLAX LILY
QV - SOUTHERN LIVE OAK	ER - PINK CROWN OF THORNS
PS - SYLVESTER DATE PALM	FG - GREEN ISLAND FICUS
HP - FIRE BUSH	JP - PARSONI JUNIPER
HC - COMPACT FIRE BUSH	

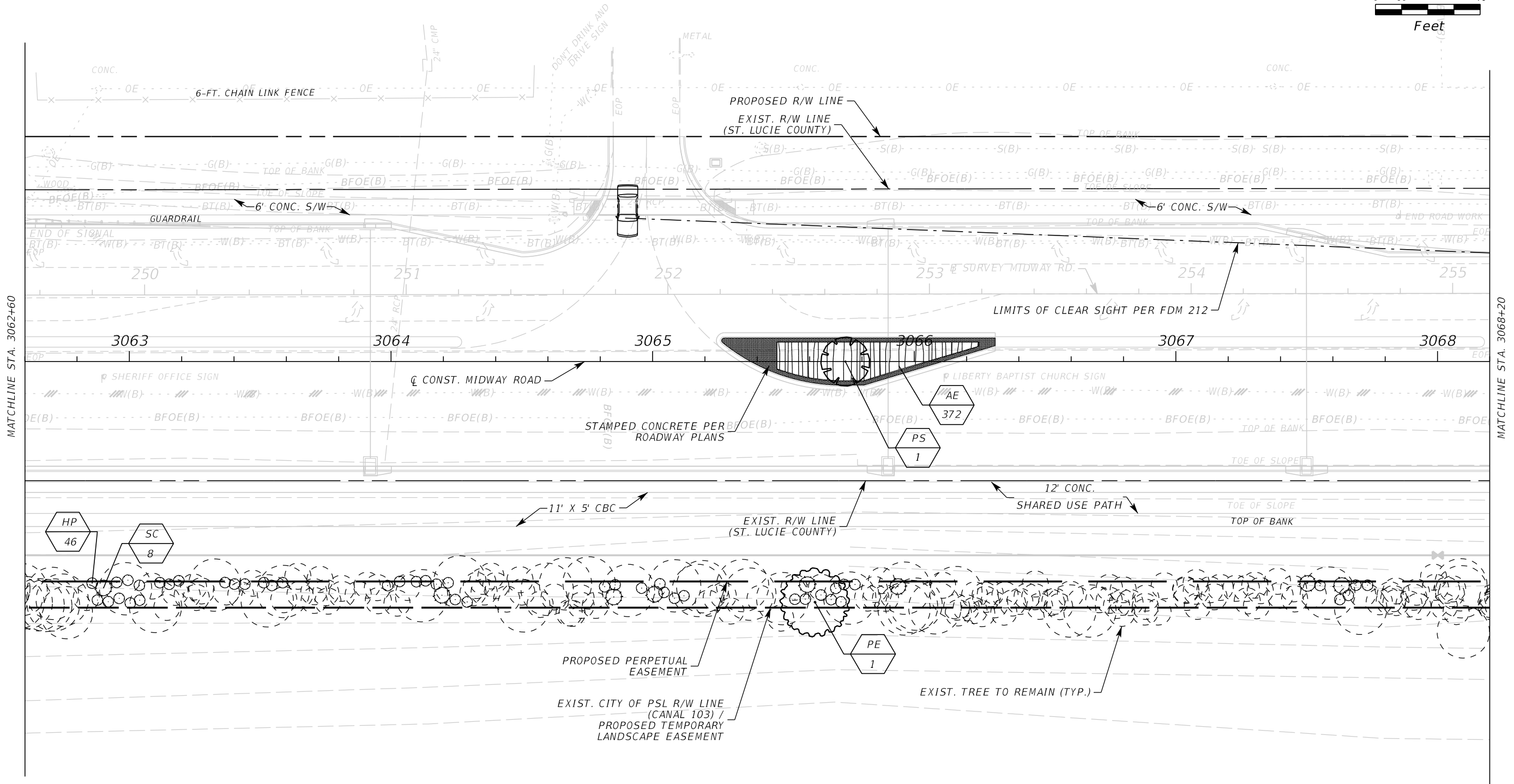
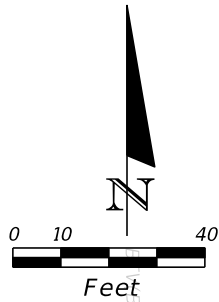


MIDWAY ROAD

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

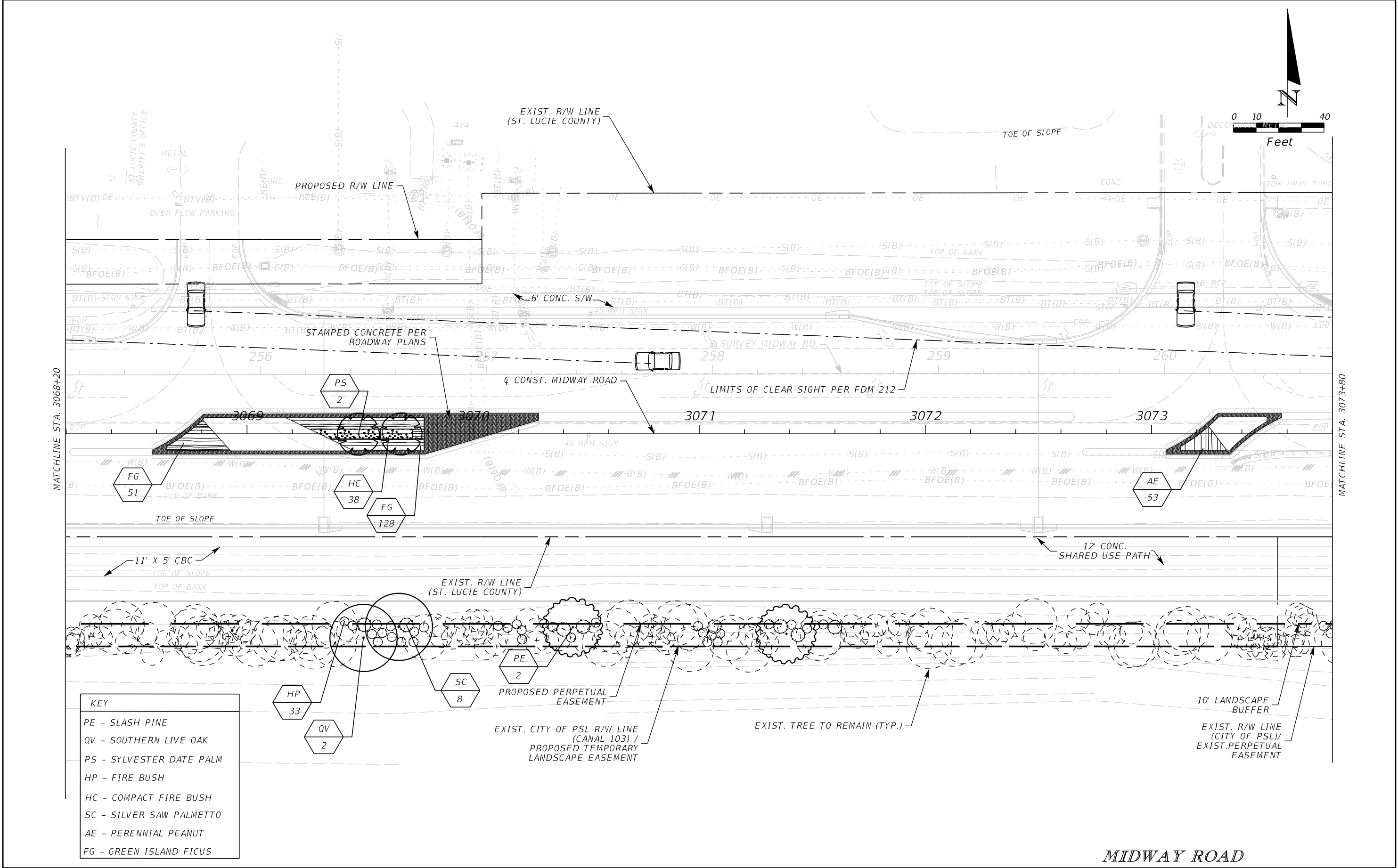
KEY	
PE	- SLASH PINE
PS	- SYLVESTER DATE PALM
HP	- FIRE BUSH
SC	- SILVER SAW PALMETTO
AE	- PERENNIAL PEANUT



MIDWAY ROAD

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		

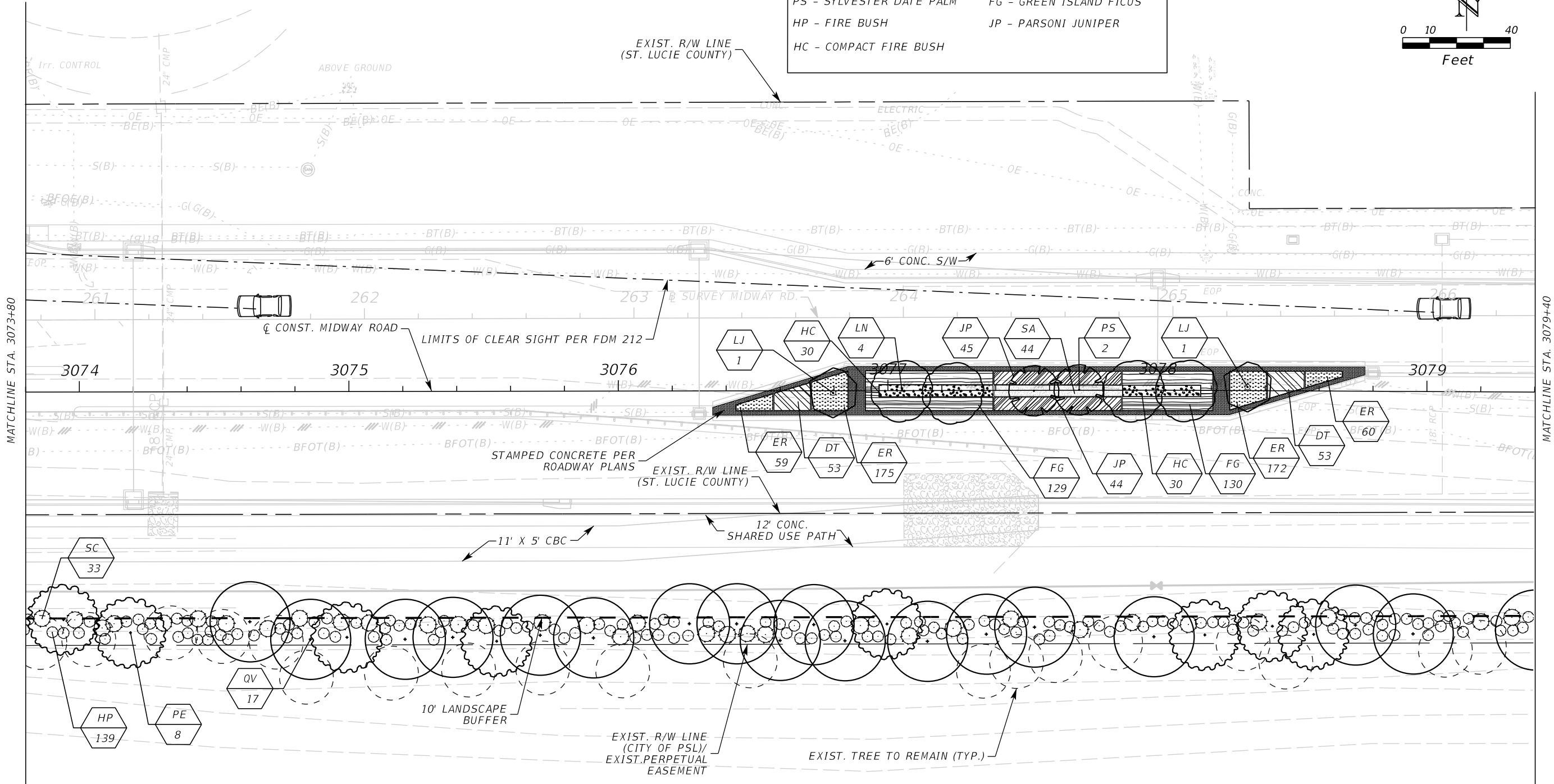
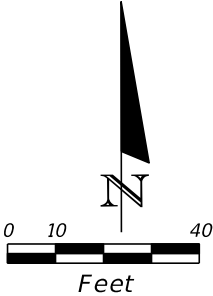
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CR 712	ST. LUCIE	231440-5-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY	
LJ - LIGUSTRUM	SA - GREEN SCHEFFLERA
LN - 'NATCHEZ' CRAPE MYRTLE	SC - SILVER SAW PALMETTO
PE - SLASH PINE	DT - FLAX LILY
QV - SOUTHERN LIVE OAK	ER - PINK CROWN OF THORNS
PS - SYLVESTER DATE PALM	FG - GREEN ISLAND FICUS
HP - FIRE BUSH	JP - PARSONI JUNIPER
HC - COMPACT FIRE BUSH	

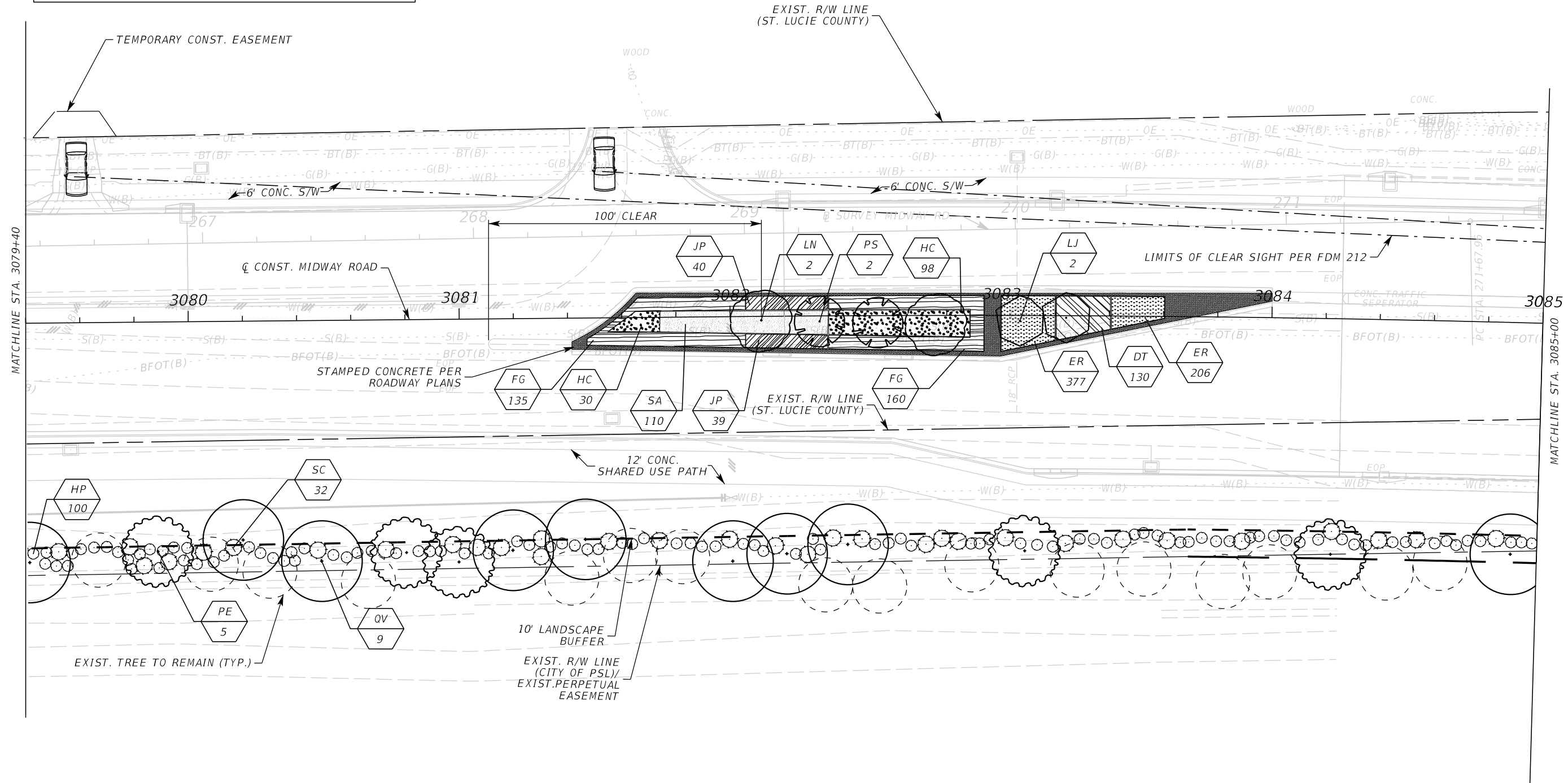
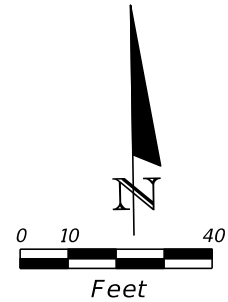


MIDWAY ROAD

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY	
LJ - LIGUSTRUM	SA - GREEN SCHEFFLERA
LN - 'NATCHEZ' CRAPE MYRTLE	SC - SILVER SAW PALMETTO
PE - SLASH PINE	DT - FLAX LILY
QV - SOUTHERN LIVE OAK	ER - PINK CROWN OF THORNS
PS - SYLVESTER DATE PALM	FG - GREEN ISLAND FICUS
HP - FIRE BUSH	JP - PARSONI JUNIPER
HC - COMPACT FIRE BUSH	



MIDWAY ROAD

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABULATION OF QUANTITIES																									
PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME/ COMMON NAME	INSTALLED SIZE	REMARKS	MAX. MAINTAINED SIZE	UNIT	SHEET NUMBERS																GRAND TOTAL	
								LD-3		LD-4		LD-5		LD-6		LD-7		LD-8		LD-9					
								PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
580-1-2	LARGE	LJ	LIGUSTRUM JAPONICUM	8'HT.X8'SPR.	100 GAL CONT.	20' HT	EA	0		0		2		0		0		2		2		6			
			LIGUSTRUM		MULTI TRUNK																				
					PRUNE TO 4'CT																				
	LARGE	LN	LAGERSTROEMIA X 'NATCHEZ'	14'HT X7'SPR	FG.	25' HT.	EA	0		0		8		0		0		4		2		14			
			'NATCHEZ' CRAPE MYRTLE		MULTI TRUNK																				
					PRUNE TO 6'CT																				
	LARGE	PE	PINUS ELLIOTTI	8'HT X4'SPR	15 GAL CONT.	NA	EA	5		9		6		1		2		8		5		36			
			SLASH PINE		1" CAL																				
					FULL TO BASE																				
	LARGE	QV	QUERCUS VIRGINIANA	10'HT X4'SPR	25 GAL CONT.	NA	EA	1		3		2		0		2		17		9		34			
			SOUTHERN LIVE OAK		1" CAL																				
					PRUNE TO 5'CT																				
	LARGE	PS	PHOENIX SYLVESTRIS	12' CT	FG.	NA	EA	0		1		3		1		2		2		2		11			
			SYLVESTER DATE PALM																						
	LARGE	HP	HAMELIA PATENS	4' O.A.	7 GAL CONT.	15' HT	EA	24		77		81		46		33		139		100		500			
			FIRE BUSH		48" O.C.																				
					FULL TO BASE																				
580-1-1	SMALL	HC	HAMELIA PATENS 'COMPACTA'	18"HT X18"SPR	3 GAL CONT.	3' HT	EA	0		0		96		0		38		60		128		322			
			COMPACT FIRE BUSH		36" O.C.																				
	SMALL	SA	SCHEFFLERA ARBORICOLA	24"HT X18"SPR	3 GAL CONT.	3' HT	EA	0		0		60		0		0		44		110		214			
			GREEN SCHEFFLERA		30" O.C.																				
	SMALL	SC	SERENOA REPENS 'CINEREA'	12"HT X12"SPR	3 GAL CONT.	15' HT	EA	16		35		18		8		8		33		32		150			
			SILVER SAW PALMETTO		36" O.C.																				
	SMALL	AE	ARACHIS GLADBRATA 'ECOTURF'	10"HT X10"SPR	1 GAL CONT.	1' HT	EA	0		578		0		372		53		0		0		1003			
			PERENNIAL PEANUT		18" O.C.																				
	SMALL	DT	DIANELLA TASMANICA	12"HT X12"SPR	1 GAL CONT.	2' HT	EA	0		0		106		0		0		106		130		342			
			FLAX LILY		18" O.C.																				
	SMALL	ER	EUPHORBIA MILII 'ROSY'	10"HT X 10"SPR	3 GAL CONT.	1.5' HT	EA	0		0		452		0		0		466		583		1501			
			PINK CROWN OF THORNS		12" O.C.																				
					3PPP MIN.																				
	SMALL	FG	FICUS MICROCARPA 'GREEN ISLAND'	15"HT X15"SPR	3 GAL CONT.	2' HT	EA	0		0		366		0		179		259		295		1099			
			GREEN ISLAND FICUS		24" O.C.																				
	SMALL	JP	JUNIPERUS CHINENSIS 'PARSONII'	10"HT X10"SPR	3 GAL CONT.	1.5' HT	EA	0		0		178		0		0		89		79		346			
			PARSONI JUNIPER		24" O.C.																				

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		
									LD-11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CONTRACT PLANS COMPONENTS
LANDSCAPE & IRRIGATION

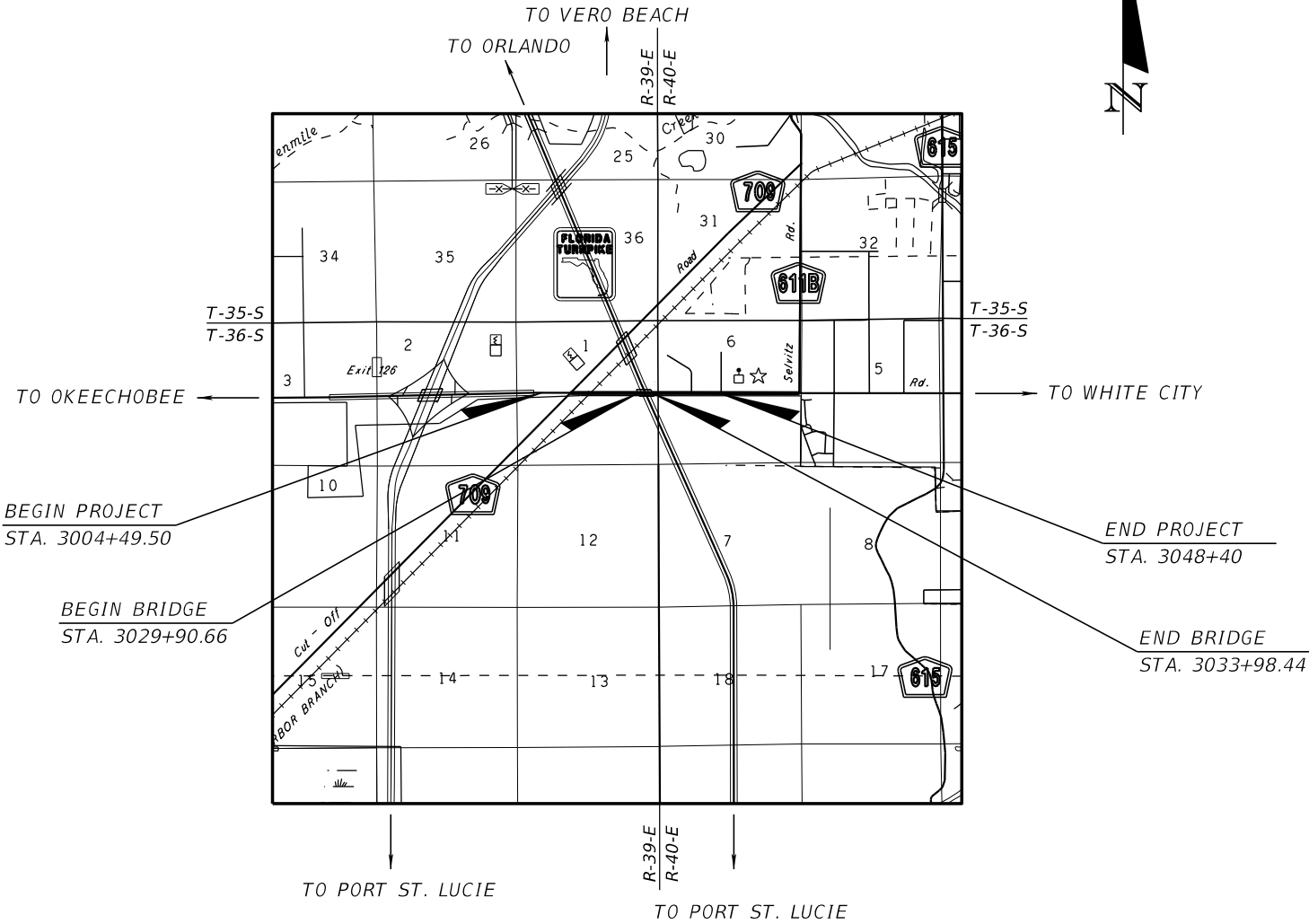
INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
	KEY SHEET
	GENERAL NOTES
	LANDSCAPE PLAN
	IRRIGATION PLAN
	TABULATION OF QUANTITIES

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 231440-4-52-01
ST. LUCIE COUNTY (94530000)
MIDWAY ROAD (CR 712)



ROADWAY PLANS
LANDSCAPE ARCHITECT OF RECORD:

JONATHAN D. HAIGH, PLA NO.: 6666795
KIMLEY-HORN AND ASSOCIATES, INC.
1920 WEKIVA WAY, SUITE 200
WEST PALM BEACH, FLORIDA 33411
P: 407.971.8850 F: 407.971.8955
CONTRACT NO.: C9J55
VENDOR NO.: F593216593003
CERTIFICATE OF AUTHORIZATION NO.: 696

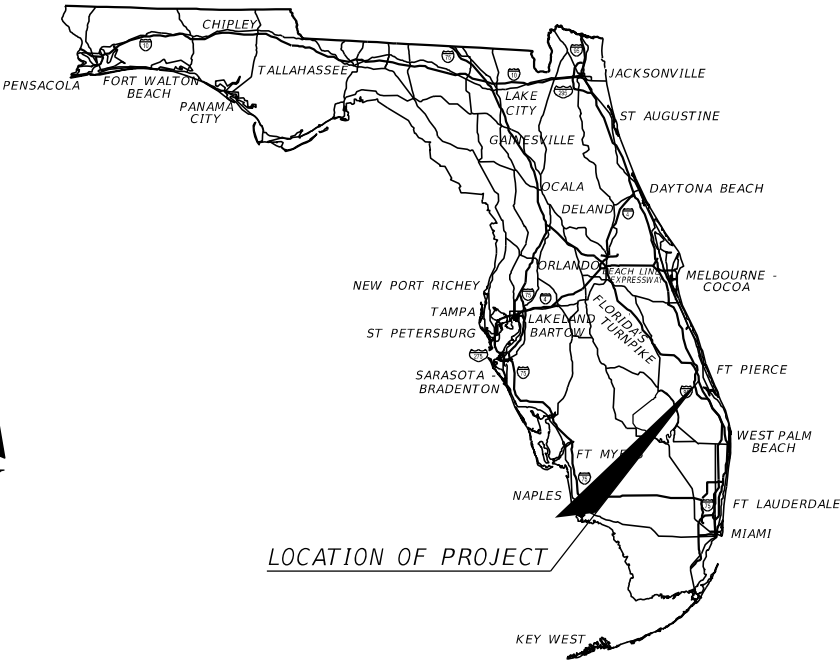
FDOT PROJECT MANAGER:

HAIYAN OU, P.E.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		LD-1

LOCATION OF PROJECT



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



Mulch: Grade 'A' shredded Eucalyptus mulch and moistened at the time of application.

ABBREVIATIONS:

C.T.- CLEAR TRUNK

HT.- HEIGHT

O.A.- OVERALL HEIGHT

O.C.- ON CENTER

SPR.– *SPREAD*

RGN.- REGENERATED ROOT BALL

FG. - FIELD GROWN

G.W. - GREY WOOD

PPP - PLANTS PER POT

CLEARANCES:

UNDERGROUND UTILITIES

DRAINAGE STRUCTURES
LIGHT POLES DAY

LIGHT POLES = PALMS
= CANOPY TREE

OVERHEAD UTILITIES

 $10'$

10'

10
25

20

—

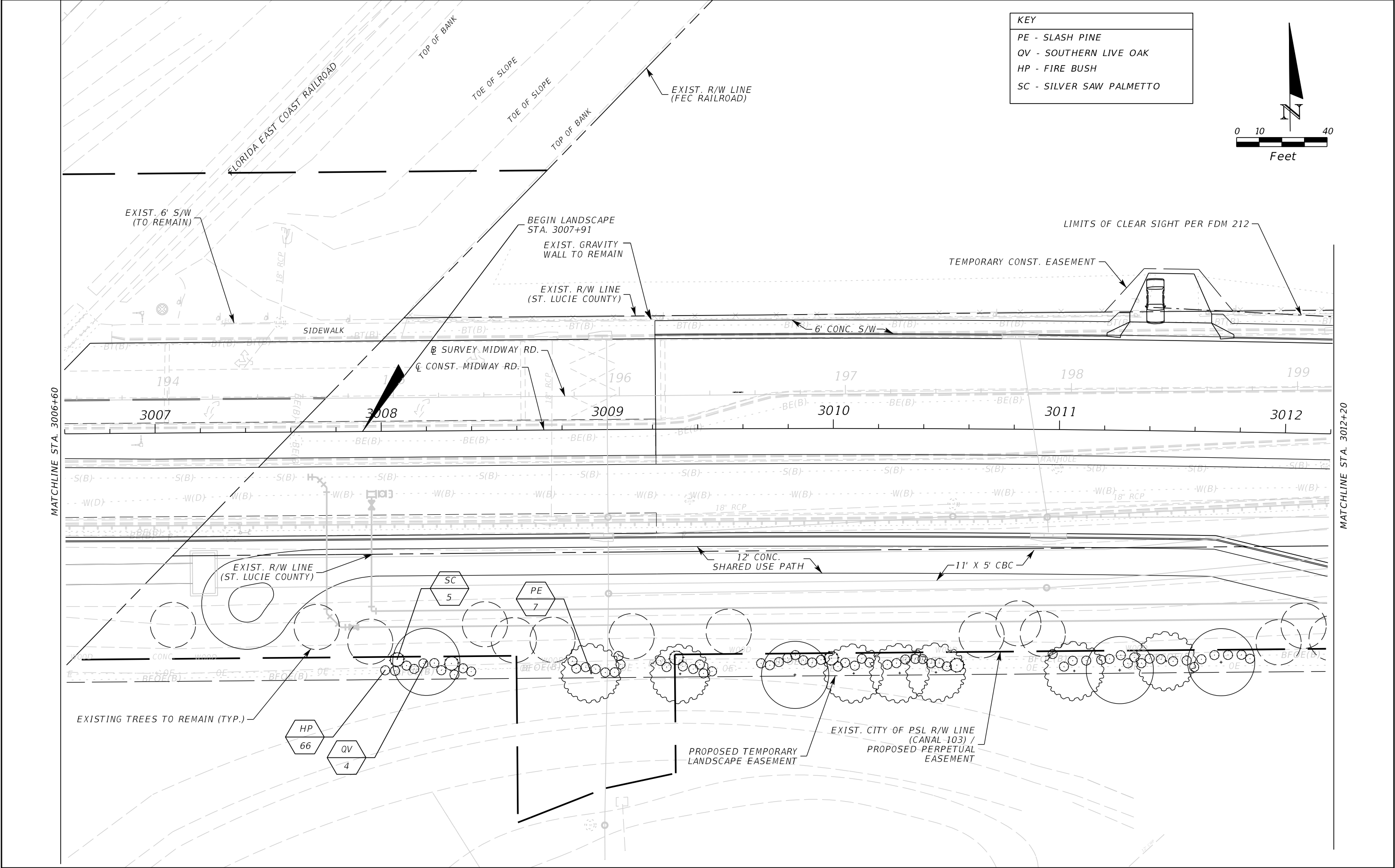
GENERAL NOTES

1. PLACE LANDSCAPING ELEMENTS SUCH THAT MINIMUM SIGHT DISTANCE IS MAINTAINED FOR EXISTING/PROPOSED SIGNS AND SIGNALS, ON-COMING TRAFFIC, ETC. CONTACT THE ENGINEER FOR GUIDANCE.
2. ALL PLANT MATERIAL SHALL BE INSTALLED A MINIMUM OF 10' FROM ANY UNDERGROUND UTILITIES AND NO LESS THAN 20' FROM OVERHEAD LINES AND UTILITIES.

LANDSCAPE MAINTENANCE PLAN
FINANCIAL PROJECT NO. 234110-4-52-01

Activity	Min. Cycles per Year	Description
Moving & Edging	10	All turf areas within the project limits are to be mowed once every five (5) weeks. Maintain turf at no taller than four (4) inches in height at all times. Prior to mowing, all areas within the project limits shall be cleared of litter.
Litter Removal	6	All areas within the project limits are to be cleared of litter. Removal must occur prior to any mowing or edging activities.
Weed Control	6	All shrub beds and tree rings are to be maintained weed free. The first line of defense shall be hand pulling weeds and mulching. Any problem areas shall be addressed by a licensed professional in natural weed control. The use of herbicides is discouraged. Eradicate Florida Exotic Pest Plant Council category one invasive trees, shrubs, and vines.
Fertilization	2	An assessment of each species requirement will be necessary in order to establish a proper fertilization program. At a minimum, plants should be fertilized twice a year, once at the beginning of the growing season and once four (4) months later. Additional fertilization may be necessary dependent upon the health of the plant. 100 percent of the (N) nitrogen, (K) potassium, (Mg) magnesium and (B) boron must be in controlled release form. For all trees, utilize a 15-5-10 fertilizer at 15 LBS per 1,000 SF, broadcast within 1.5 to 2 times the canopy diameter of the tree. For all palms, utilize a "Palm Special" fertilizer with an analysis of 8-2-12-4 MG with 100% of N, K and MG in slow release organic form. Micronutrients MD and FE must be in water soluble (sulfate or chelated) form. Apply at 10 LBS per 1,000 SF, broadcast under canopy area of palms. Any turf or plant material which requires fertilization and is within 50' of a plam is to utilize the same "Palm Special" fertilizer.
Pest & Disease Control	2	Plants must be monitored to assure that no infestations of pest or disease jeopardize the health and survivability of plants. In the event that pest issues are evident, a licensed professional shall be consulted to obtain the least toxic approach that is absolutely necessary for the plant's survival. Apply fungicide and pesticide per manufacturer's recommendations. Maintain documentation in writing for each chemical type applied, rates of applications, locations, dates of applications, and applicator's name and license information.
Mulch	2	Shrub beds and tree rings must be maintained with a consistent layer of mulch. Mulch must be replenished to a three (3) inch depth once the layer thickness becomes less than two (2) inches. Tree rings are to be maintained at a minimum of three (3) feet from the tree trunk. Avoid mulch mounded up on the trunks of trees, palms, and the base of shrubs. Mulch can be any standard horticultural mulch product except Cypress mulch or any dyed wood mulch product.
Water	As Required	Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes. Some plants may require supplemental water in the event of extreme droughts or after fertilization.
Pruning & Trimming	As Required	Canopy trees to be pruned to correct damage or poor branching. In the event a tree loses its central leader or develops co-dominate branches, tree pruning shall be utilized to correct the growth habit. Sabal palms to be pruned as needed to remove dead fronds and all fruit inflorescences. Saw palmetto and ornamental grasses to be cleaned of dead material semi-annually to maintain a clean appearance. Grasses do not need to be radically pruned to eliminate thatch. Plants are to be left to develop their natural growth habit and size. All tree trimming is to be performed under the direction of a Certified Arborist.
Traffic Control	As Required	Use proper traffic control procedures per FDOT requirements during maintenance activities.
Plant Replacement	As Required	Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the Florida Department of Agriculture and Consumer Services, Grades and Standards for Nursery Plants are permitted.

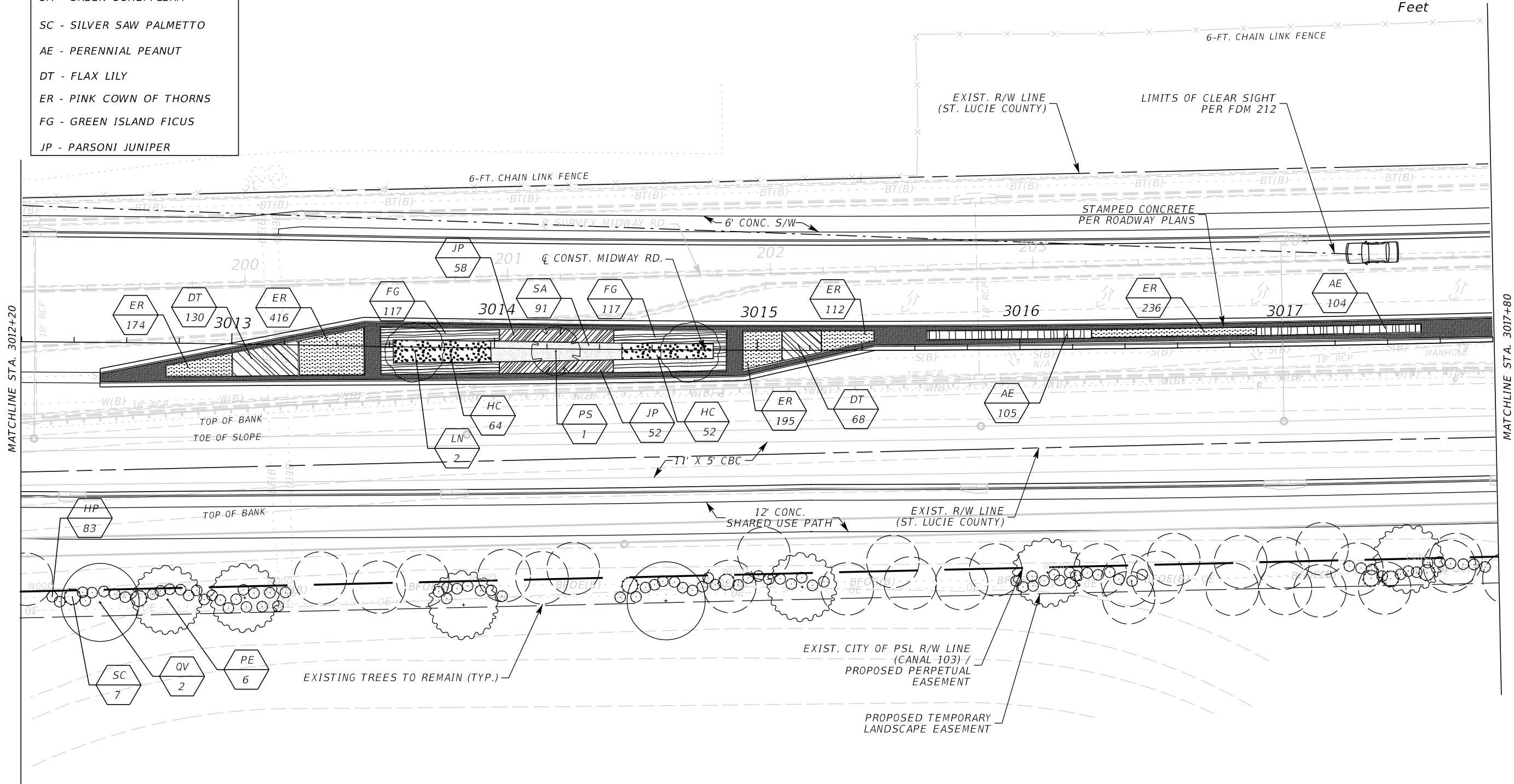
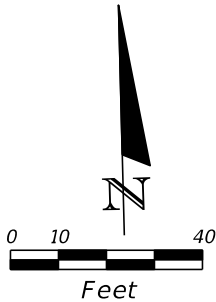
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-2
					CR 712	ST. LUCIE	231440-4-52-01		



REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

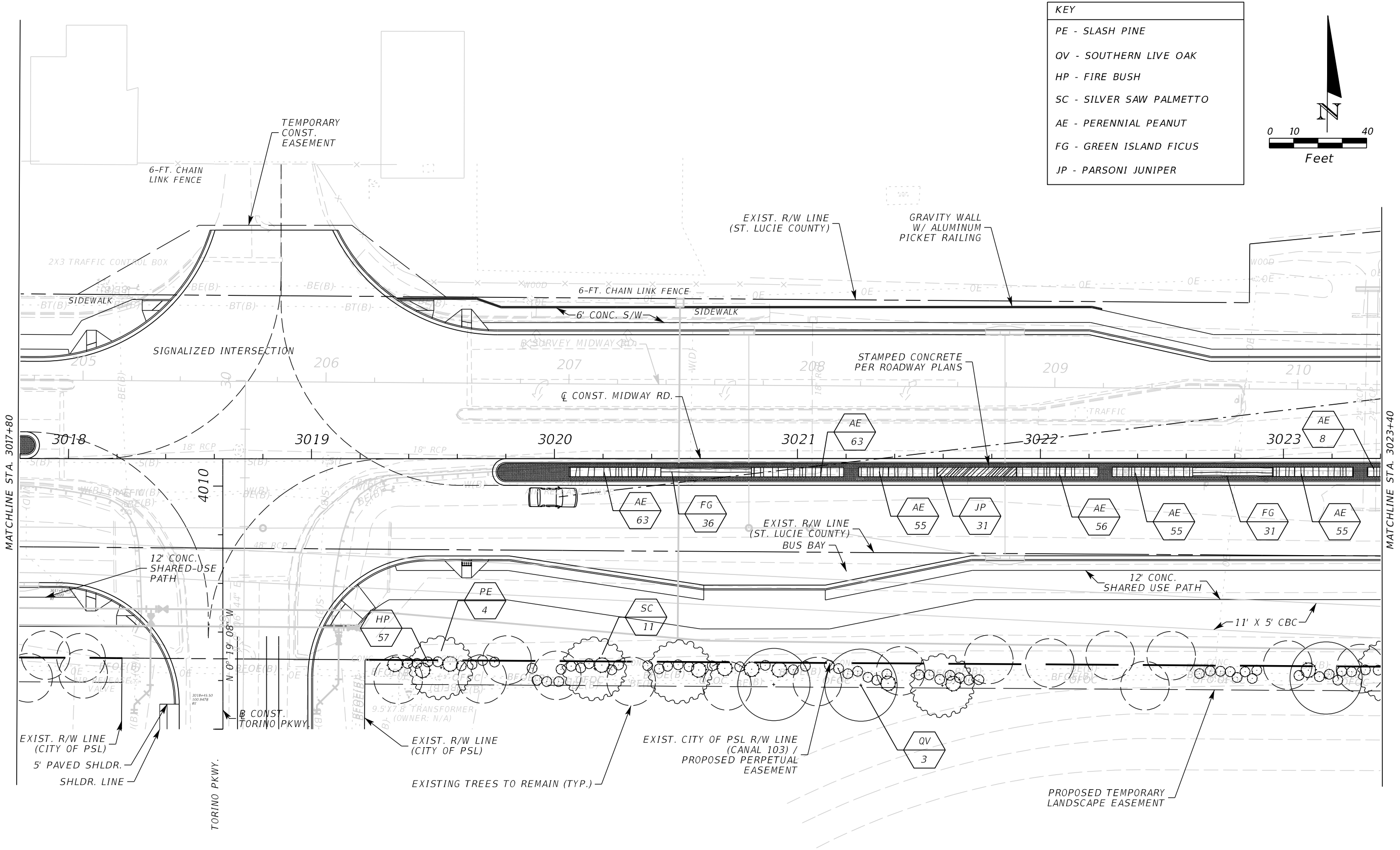
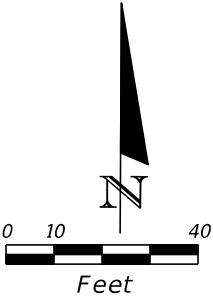
- KEY
- LN - 'NATCHEZ' CRAPE MYRTLE
 - PE - SLASH PINE
 - QV - SOUTHERN LIVE OAK
 - PS - SYLVESTER DATE PALM
 - HP - FIRE BUSH
 - HC - COMPACT FIRE BUSH
 - SA - GREEN SCHEFFLERA
 - SC - SILVER SAW PALMETTO
 - AE - PERENNIAL PEANUT
 - DT - FLAX LILY
 - ER - PINK COWN OF THORNS
 - FG - GREEN ISLAND FICUS
 - JP - PARSONI JUNIPER



REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

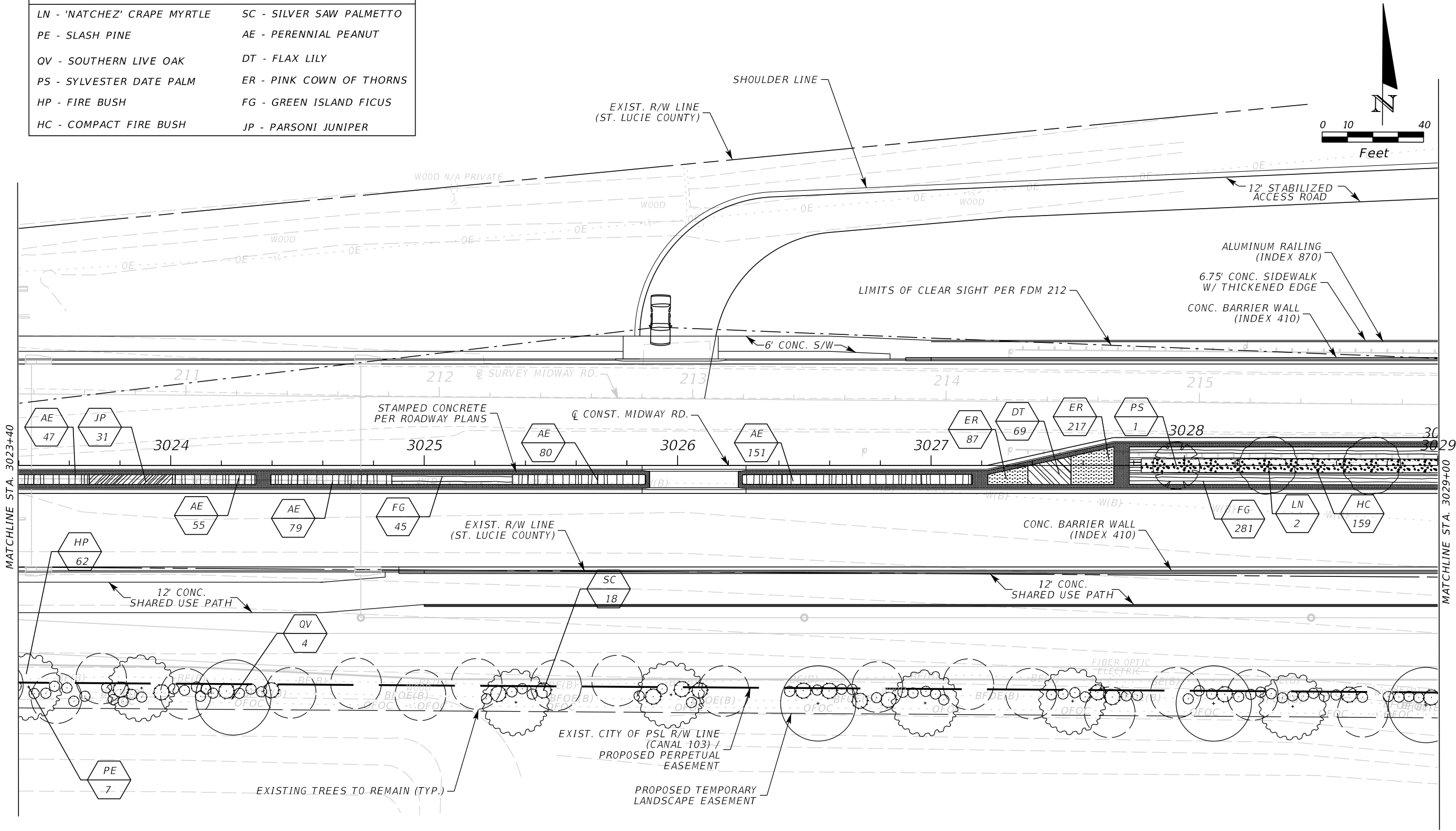
KEY	
PE	- SLASH PINE
QV	- SOUTHERN LIVE OAK
HP	- FIRE BUSH
SC	- SILVER SAW PALMETTO
AE	- PERENNIAL PEANUT
FG	- GREEN ISLAND FICUS
JP	- PARSONI JUNIPER



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	DEPARTMENT OF TRANSPORTATION				LD-6
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

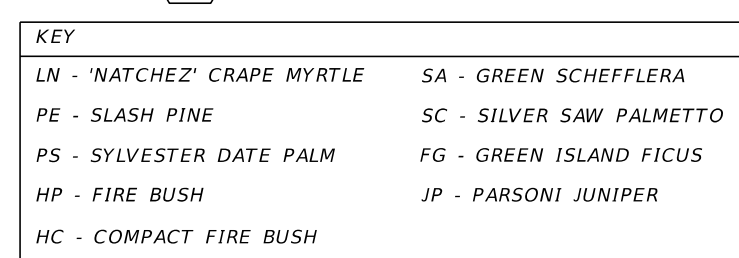
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY			
LN - 'NATCHEZ' CRAPE MYRTLE	SC - SILVER SAW PALMETTO		
PE - SLASH PINE	AE - PERENNIAL PEANUT		
QV - SOUTHERN LIVE OAK	DT - FLAX LILY		
PS - SYLVESTER DATE PALM	ER - PINK COWN OF THORNS		
HP - FIRE BUSH	FG - GREEN ISLAND FICUS		
HC - COMPACT FIRE BUSH	JP - PARSONI JUNIPER		



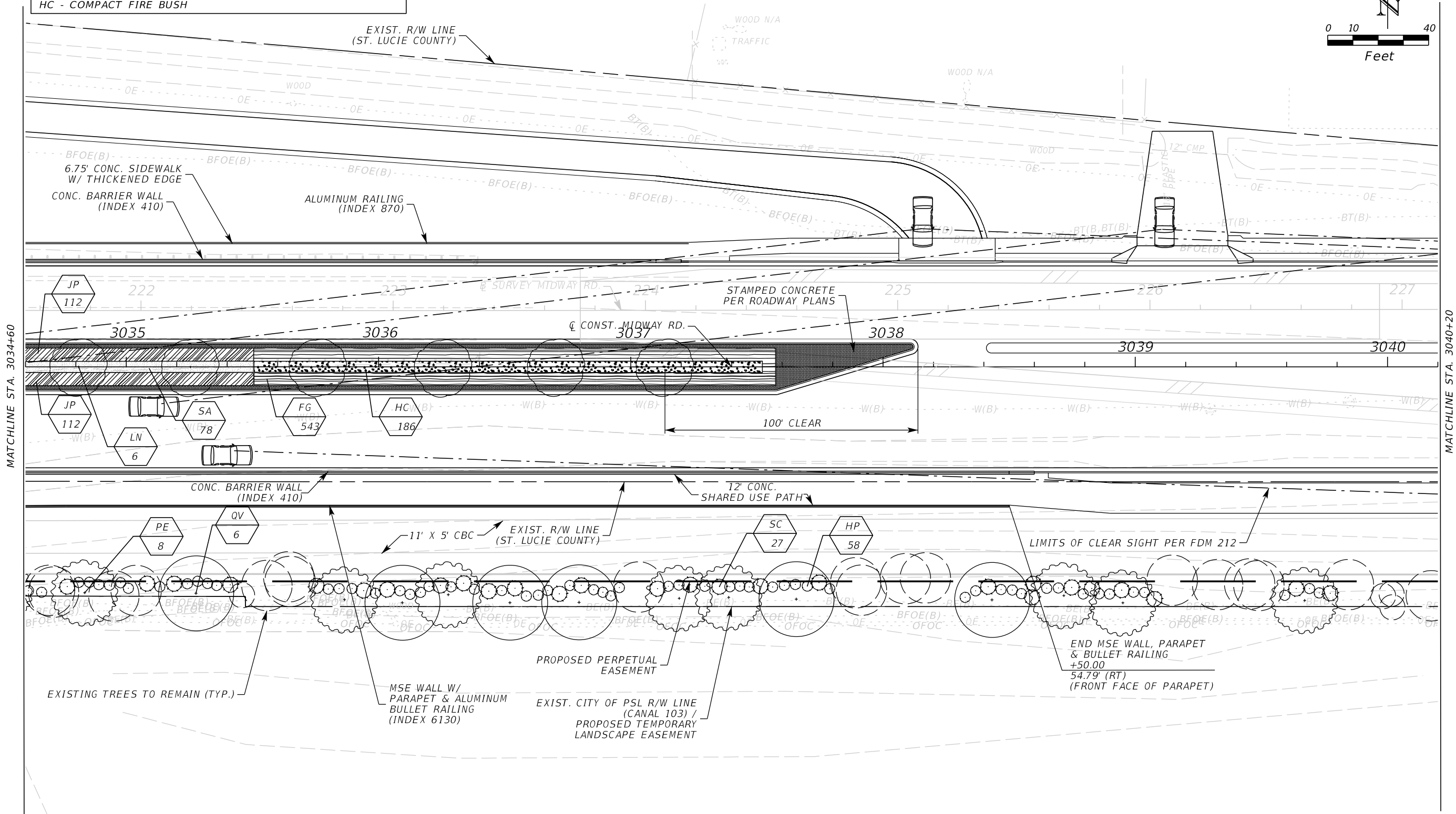
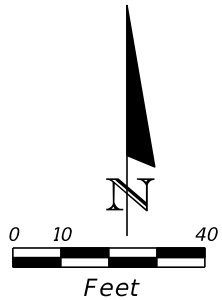
REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

KEY	
LN - 'NATCHEZ' CRAPE MYRTLE	SA - GREEN SCHEFFLERA
PE - SLASH PINE	SC - SILVER SAW PALMETTO
QV - SOUTHERN LIVE OAK	FG - GREEN ISLAND FICUS
HP - FIRE BUSH	JP - PARSONI JUNIPER
HC - COMPACT FIRE BUSH	



REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

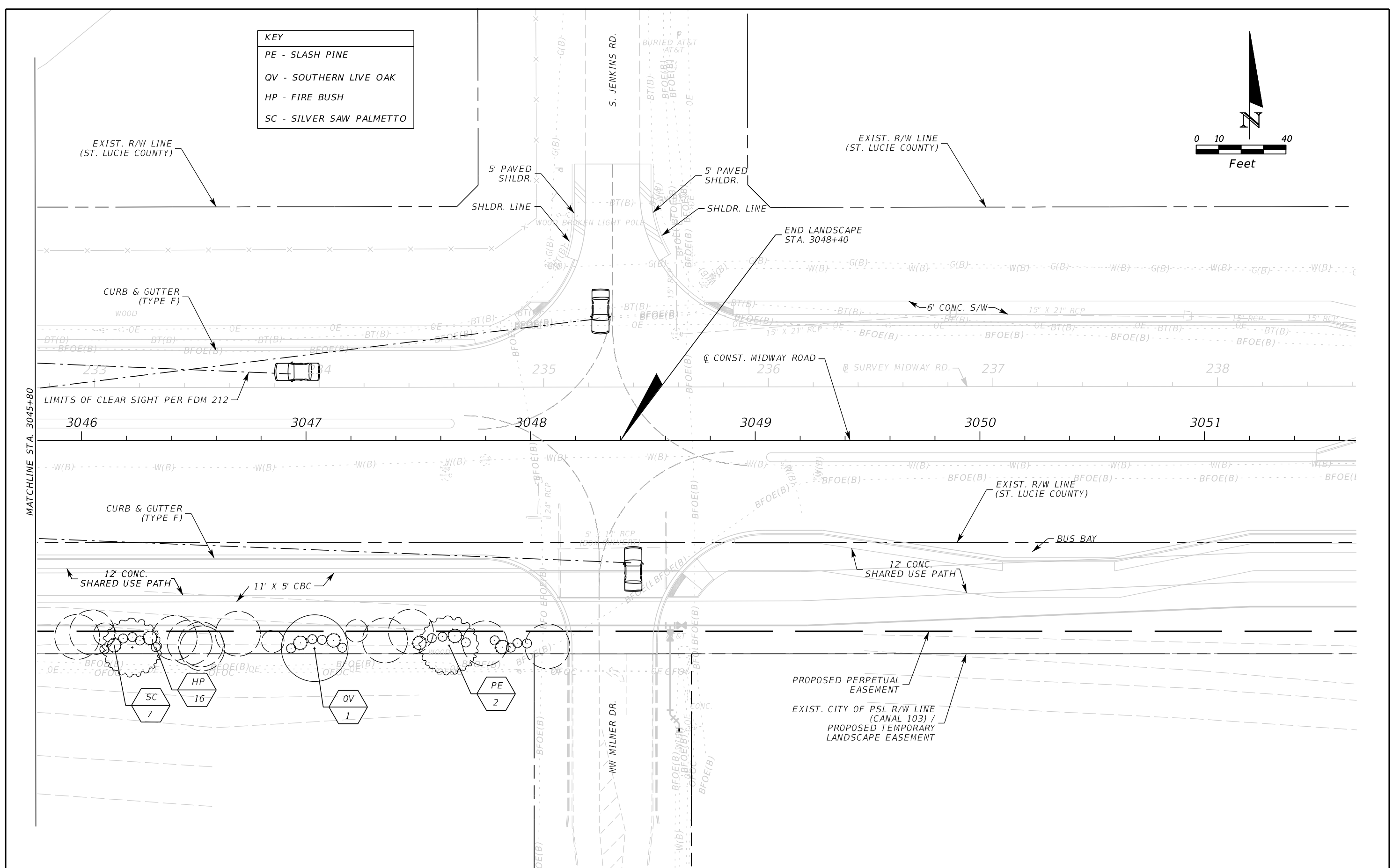
Kristen.Alexa

4/11/2019

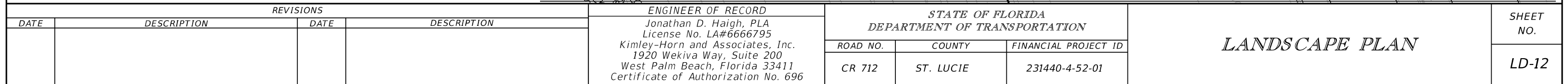
4:15:01 PM

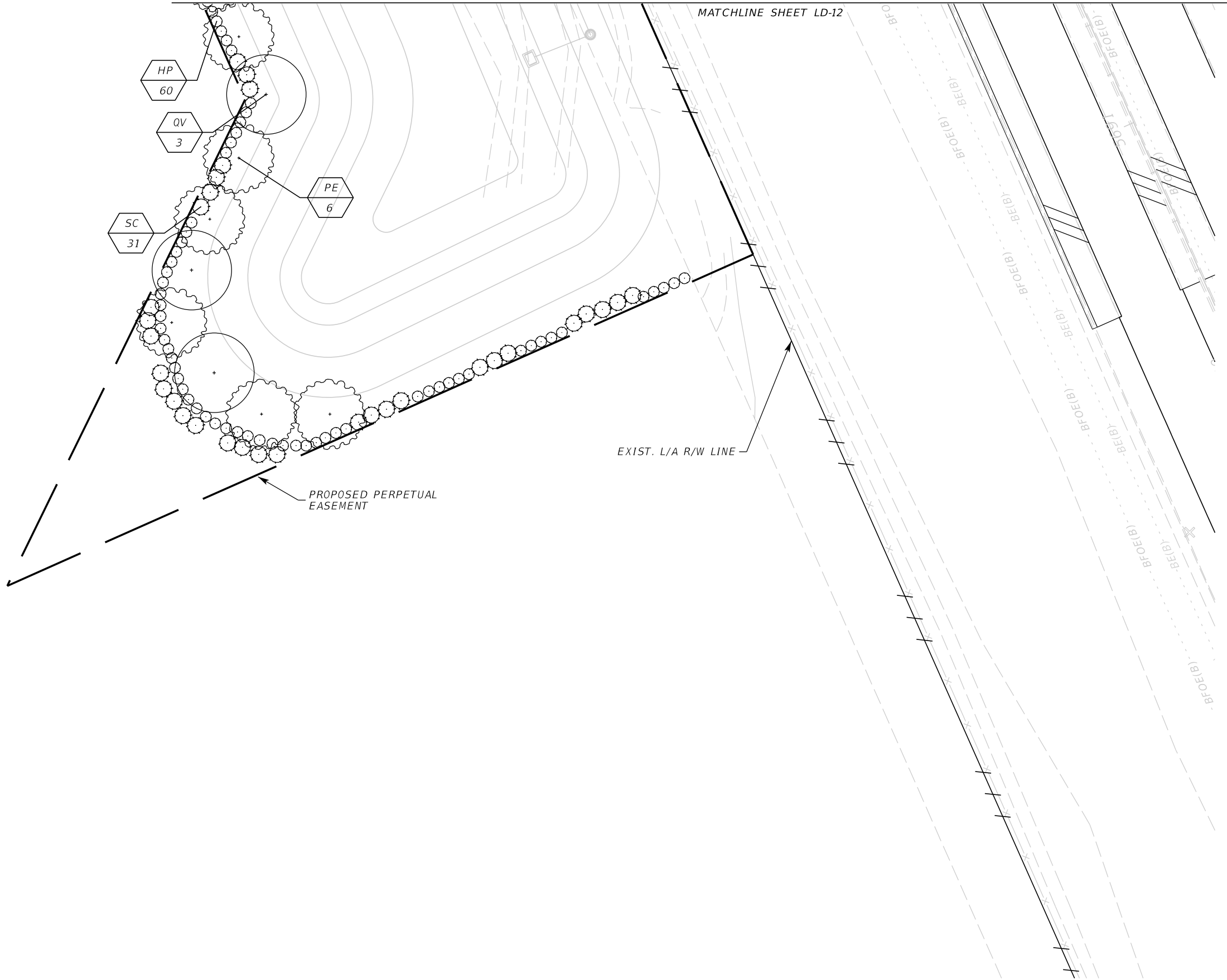
K:\WPB_Design\147071005_CR712_Midway\23144045201\landscp\PLANS\PLANLD01_GJ.dgn

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-11
					CR 712	ST. LUCIE	231440-4-52-01		





KEY	
PE	- SLASH PINE
QV	- SOUTHERN LIVE OAK
HP	- FIRE BUSH
SC	- SILVER SAW PALMETTO

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-4-52-01		

TABULATION OF QUANTITIES																			
PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME/ COMMON NAME	INSTALLED SIZE	REMARKS	MAX. MAINTAINED SIZE	UNIT	SHEET NUMBERS											
								LD-3		LD-4		LD-5		LD-6		LD-7		LD-8	
								PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
580-1-2	LARGE	LN	LAGERSTROEMIA X 'NATCHEZ'	14'HT X7'SPR	FG.	25' HT.	EA	0		0		2		0		2		2	
			'NATCHEZ' CRAPE MYRTLE		MULTI TRUNK														
					PRUNE TO 6'CT														
	LARGE	PE	PINUS ELLIOTTI	8'HT X4'SPR	15 GAL CONT.	NA	EA	0		7		6		4		7		2	
			SLASH PINE		1" CAL														
					FULL TO BASE														
	LARGE	QV	QUERCUS VIRGINIANA	10'HT X4'SPR	25 GAL CONT.	NA	EA	0		4		2		3		4		0	
			SOUTHERN LIVE OAK		1" CAL														
					PRUNE TO 5'CT														
	LARGE	PS	PHOENIX SYLVESTRIS	12' CT	FG.	NA	EA	0		0		1		0		1		1	
			SYLVESTER DATE PALM																
	LARGE	HP	HAMELIA PATENS	4' O.A.	7 GAL CONT.	15' HT	EA	0		66		83		57		62		14	
			FIRE BUSH		48" O.C.														
					FULL TO BASE														
580-1-1	SMALL	HC	HAMELIA PATENS 'COMPACTA'	30"HT X24"SPR	3 GAL CONT.	3' HT	EA	0		0		116		0		159		64	
			COMPACT FIRE BUSH		36" O.C.														
	SMALL	SA	SCHEFFLERA ARBORICOLA	24"HT X18"SPR	3 GAL CONT.	3' HT	EA	0		0		91		0		0		124	
			GREEN SCHEFFLERA		30" O.C.														
	SMALL	SC	SERENOA REPENS 'CINEREA'	12"HT X12"SPR	3 GAL CONT.	15' HT	EA	0		5		7		11		18		1	
			SILVER SAW PALMETTO		36" O.C.														
	SMALL	AE	ARACHIS GLADBRATA 'ECOTURF'	10"HT X10"SPR	1 GAL CONT.	1' HT	EA	0		0		209		355		412		0	
			PERENNIAL PEANUT		18" O.C.														
	SMALL	DT	DIANELLA TASMANICA	12"HT X12"SPR	1 GAL CONT.	2' HT	EA	0		0		198		0		69		0	
			FLAX LILY		18" O.C.														
	SMALL	ER	EUPHORBIA MILII 'ROSY'	10"HT X 10"SPR	3 GAL CONT.	1.5' HT	EA	0		0		1,133		0		304		0	
			PINK CROWN OF THORNS		12" O.C.														
					3PPP MIN.														
	SMALL	FG	FICUS MICROCARPA 'GREEN ISLAND'	15"HT X15"SPR	3 GAL CONT.	2' HT	EA	0		0		234		67		326		101	
			GREEN ISLAND FICUS		24" O.C.														
	SMALL	JP	JUNIPERUS CHINENSIS 'PARSONII'	10"HT X10"SPR	3 GAL CONT.	1.5' HT	EA	0		0		110		31		31		262	
			PARSONI JUNIPER		24" O.C.														

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		LD-14

TABULATION OF QUANTITIES																			
PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME/ COMMON NAME	INSTALLED SIZE	REMARKS	MAX. MAINTAINED SIZE	UNIT	SHEET NUMBERS										GRAND TOTAL	
								LD-9		LD-10		LD-11		LD-12		LD-13			
								PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
580-1-2	LARGE	LN	LAGERSTROEMIA X 'NATCHEZ'	14'HT X7'SPR	FG.	25' HT.	EA	6		6		0		0		0		18	
			'NATCHEZ' CRAPE MYRTLE		MULTI TRUNK														
					PRUNE TO 6'CT														
	LARGE	PE	PINUS ELLIOTTI	8'HT X4'SPR	15 GAL CONT.	NA	EA	8		5		2		12		6		59	
			SLASH PINE		1" CAL														
					FULL TO BASE														
	LARGE	QV	QUERCUS VIRGINIANA	10'HT X4'SPR	25 GAL CONT.	NA	EA	6		6		1		5		3		34	
			SOUTHERN LIVE OAK		1" CAL														
					PRUNE TO 5'CT														
	LARGE	PS	PHOENIX SYLVESTRIS	12' CT	FG.	NA	EA	0		2		0		0		0		5	
			SYLVESTER DATE PALM																
	LARGE	HP	HAMELIA PATENS	4' O.A.	7 GAL CONT.	15' HT	EA	186		238		0		0		0		763	
			FIRE BUSH		48" O.C.														
					FULL TO BASE														
580-1-1	SMALL	HC	HAMELIA PATENS 'COMPACTA'	30"HT X24"SPR	3 GAL CONT.	3' HT	EA	58		50		16		84		60		550	
			COMPACT FIRE BUSH		36" O.C.														
	SMALL	SA	SCHEFFLERA ARBORICOLA	24"HT X18"SPR	3 GAL CONT.	3' HT	EA	78		138		0		0		0		431	
			GREEN SCHEFFLERA		30" O.C.														
	SMALL	SC	SERENOA REPENS 'CINEREA'	12"HT X12"SPR	3 GAL CONT.	15' HT	EA	27		14		7		29		31		150	
			SILVER SAW PALMETTO		36" O.C.														
	SMALL	AE	ARACHIS GLADBRATA 'ECOTURF'	10"HT X10"SPR	1 GAL CONT.	1' HT	EA	0		0		0		0		0		976	
			PERENNIAL PEANUT		18" O.C.														
	SMALL	DT	DIANELLA TASMANICA	12"HT X12"SPR	1 GAL CONT.	2' HT	EA	0		963		0		0		0		1230	
			FLAX LILY		18" O.C.														
	SMALL	ER	EUPHORBIA MILII 'ROSY'	10"HT X 10"SPR	3 GAL CONT.	1.5' HT	EA	0		0		0		0		0		1437	
			PINK CROWN OF THORNS		12" O.C.														
					3PPP MIN.														
	SMALL	FG	FICUS MICROCARPA 'GREEN ISLAND'	15"HT X15"SPR	3 GAL CONT.	2' HT	EA	543		397		0		0		0		1668	
			GREEN ISLAND FICUS		24" O.C.														
	SMALL	JP	JUNIPERUS CHINENSIS 'PARSONII'	10"HT X10"SPR	3 GAL CONT.	1.5' HT	EA	224		207		0		0		0		865	
			PARSONI JUNIPER		24" O.C.														

REVISIONS				ENGINEER OF RECORD Jonathan D. Haigh, PLA License No. LA#6666795 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 Certificate of Authorization No. 696	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CR 712	ST. LUCIE	231440-5-52-01		
									LD-15

Kristen.Alexa

4/11/2019

4:15:04 PM

K:\WPB_Design\147071005_CR712_Midway\23144045201\landscp\TAB0LD01_GJ.DGN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.