

SECTION NO(S): 86050000
S.R. NO.(S): A1A
COUNTY: Broward
PERMIT NO.: 2022-L-491-00013

**AMENDMENT NUMBER TWENTY-SIX (26) TO
FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FOUR (4)
INCLUSIVE LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT**

This is Amendment Number Twenty-Six (26) to the Agreement dated December 5, 2007, made and entered into this _____ day of _____, 20____ by and between the State of Florida Department of Transportation, hereinafter called the “**DEPARTMENT**”, and the **CITY OF POMPANO BEACH**, a municipal corporation of the State of Florida, hereinafter called the “**AGENCY**”.

WHEREAS, the parties entered into the Inclusive Landscape Maintenance Memorandum of Agreement dated December 5, 2007 for the purpose of maintaining the landscape improvements by the AGENCY on various State Road(s) including State Road A1A (Ocean Blvd.); and

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape improvements to be installed on State Road A1A (Ocean Blvd.) from M.P. 9.890 to M.P. 12.045 in accordance with the above referenced Agreement; and

WHEREAS, Amendment #22, signed May 26, 2022, added landscape improvements on State Road A1A (Ocean Blvd.) from M.P. 8.687 to M.P. 9.890, and this project (Amendment #26) will be Phase II of that; and

NOW THEREFORE, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to paragraph 12, page 8 of the original Landscape Inclusive Maintenance Memorandum of Agreement dated December 5, 2007, the DEPARTMENT will allow the **Agency** to construct additional landscape improvements or to modify an improvement located as indicated in **Exhibit “A”**, State Road A1A (Ocean Blvd.), in accordance with the plans attached as **Exhibit “B”** and **Exhibit “C”** Patterned Pavement Installation.
2. The AGENCY shall agree to maintain the additional landscape improvements according to Exhibit “F” Maintenance Plan of the original 2007 agreement, Amendment #21, **Exhibit “D”** Patterned Pavement Maintenance, and as follows:

Specific Project Site Maintenance Requirements and Recommendations:

- A. Landscape and irrigation improvements on SR A1A/ Ocean Blvd from north of SR 814/E Atlantic Blvd to north of Bay Dr. as a continuation of the MMOA Amendment #22 project (FDOT permit 2021-L-491-00003).
- B. Canopy Trees are intended to be maintained at mature height and spread. Refer to Part I Pruning, for clear sight window and vertical clearance pruning requirements.
- C. Remove suckering growth from base and clear trunk areas for single and multi-trunked trees on a quarterly basis.
- D. To maintain the intended appearance of all palms, apply the latest palm fertilizer recommended by the University of Florida IFAS Extension per the manufacturer's specifications.
- E. To maintain the intended appearance of all shrubs or turf grass, apply the latest fertilizer recommended by the University of Florida IFAS Extension per the manufacturer's specifications.
- F. Do not remove fronds from self-cleaning palms, unless damaged. Palms with persistent fronds shall only have dead fronds removed, do not remove any green fronds. If it is deemed necessary to prune a palm's fronds, no fronds shall be trimmed above 3 o'clock and 9 o'clock on the horizontal plain.
- G. Groundcover and shrub horizontal growth shall be maintained to prevent foliage from growing beyond the limits of the planting areas shown on the plan. Maintain a 6" setback from the foliage to the edge of curb, pavement, sidewalk and/or other hardscape improvements.
- H. Maintain the vertical height of groundcovers and shrubs as follows:
 - *ARACHIS GLABRATA* (Perennial Peanut) at 6 inches
 - *CARISSA MACROCARPA* (Dwarf Natal Plum) at 18 inches
 - *CONOCARPUS ERECTUS SERICEUS* (Silver Buttonwood) at 18 inches
 - *FICUS MICROCARPA 'GREEN ISLAND'* (Green Island Ficus) at 18 inches
 - *NEOREGELIA BROMELIAD* (Fireball Bromeliad) at 18 inches
- I. Inspect groundcovers and shrubs on a monthly basis for maintaining full ground coverage.
- J. Evaluate plant material on a monthly basis for pests, diseases, drought stress or general decline. If required, follow the integrated pest management program established by the Agency to ensure healthy plants.
- K. Inspect the irrigation system performance monthly to ensure the system is providing 100% coverage, does not have sections of low pressure, heads and valves are clean and clear of debris and any damaged irrigation components (i.e., spray nozzles, spray heads, valve boxes, etc.) are repaired or replaced.

Except as modified by this Amendment, all terms and conditions of the INCLUSIVE AGEEMENT shall remain in full force and effect.

LIST OF EXHIBITS

Exhibit A – Landscape Improvements Maintenance Boundaries

Exhibit B – Landscape Improvement Plan

Exhibit C – Patterned Pavement Installation

Exhibit D – Patterned Pavement Maintenance

In Witness whereof, the parties hereto have executed with this Amendment effective the day and year first written above.

CITY OF POMPANO BEACH

By: See City Signature Page Date: _____
Chairperson / Mayor / Manager

Attest: _____ (SEAL)
City Clerk

Legal Approval: _____

FLORIDA DEPARTMENT OF TRANSPORTATION

By: _____ Date: _____
Transportation Development Director

Attest: _____ (SEAL)
Executive Secretary

Legal Review: _____
Office of the District General Counsel

“CITY”:

CITY OF POMPANO BEACH

By: _____
REX HARDIN, MAYOR

By: _____
GREGORY P. HARRISON, CITY MANAGER

Attest:

Date: _____

KERVIN ALFRED
CITY CLERK

(SEAL)

Approved As To Form:

MARK E. BERMAN
CITY ATTORNEY

SECTION NO(S): 86050000
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EXHIBIT A

LANDSCAPE MAINTENANCE LIMITS

**I. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS FOR
STATE ROAD A1A (Ocean Blvd.):**

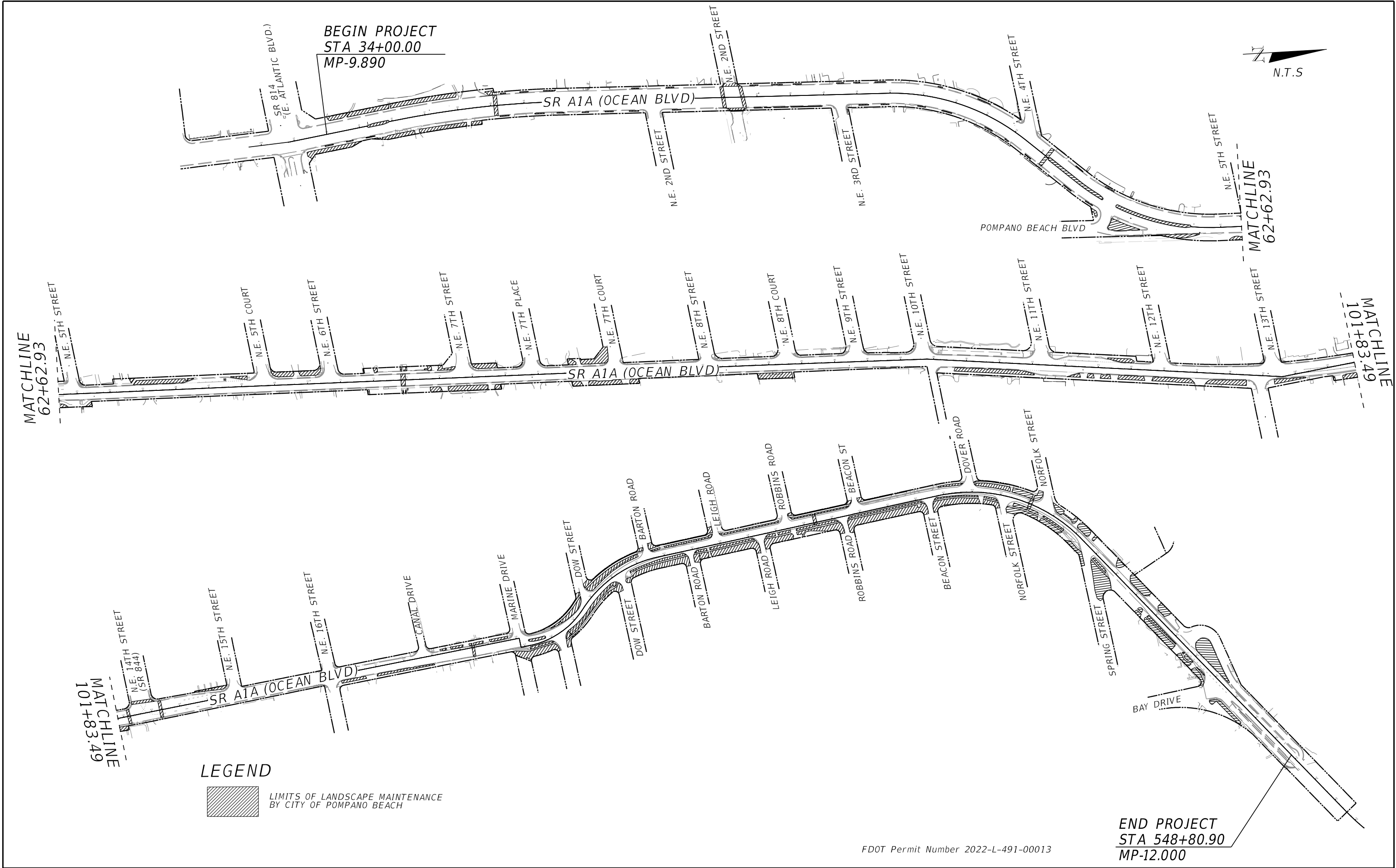
State Road A1A (Ocean Blvd.) from M.P. 8.680 to M.P. 12.039 (Hillsboro Inlet)

II. PERMIT PROJECT LANDSCAPE MAINTENANCE LIMITS:

State Road A1A (Ocean Blvd.) from north of E. Atlantic Blvd. (M.P. 9.890) to
north of Bay Drive (M.P. 12.000)

See Attached Map

All other limits of the original agreement and amendments shall continue to apply.



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE MAINTENANCE BOUNDARY MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		A
					SR A1A	BROWARD	N/A		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

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EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Geoffrey Campbell, RLA
KEITH & Associates

Date: May 1, 2023

CITY OF
POMPANO BEACH

CONTRACT PLANS

BROWARD COUNTY (86050)

SR A1A (S/N OCEAN BLVD.)

STREETSCAPE IMPROVEMENTS

BEGIN PROJECT: STA. 34+00.00 MP 9.890

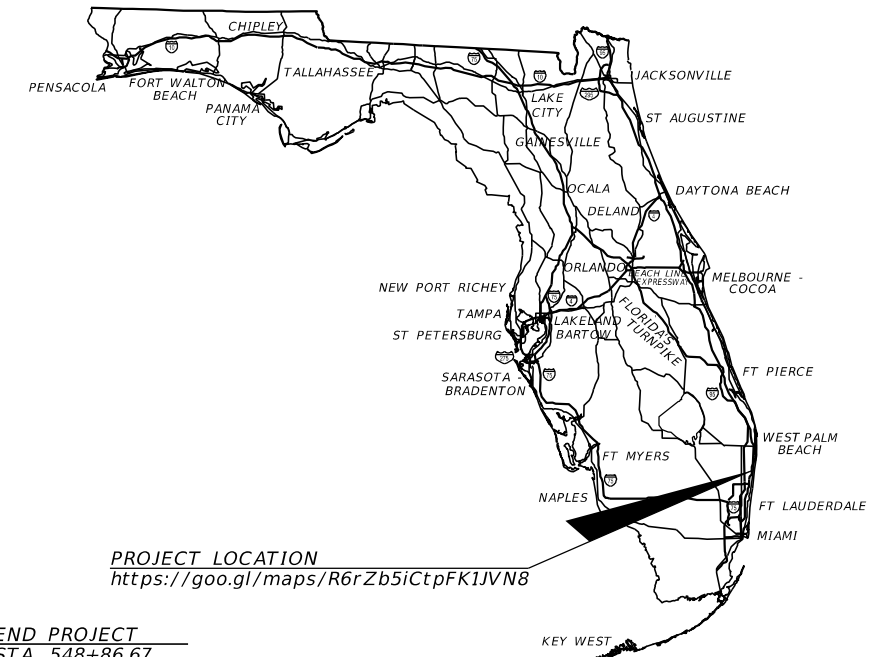
END PROJECT: STA. 548+86.67 MP 12.045

CITY OF POMPANO BEACH PROJECT No. 19353

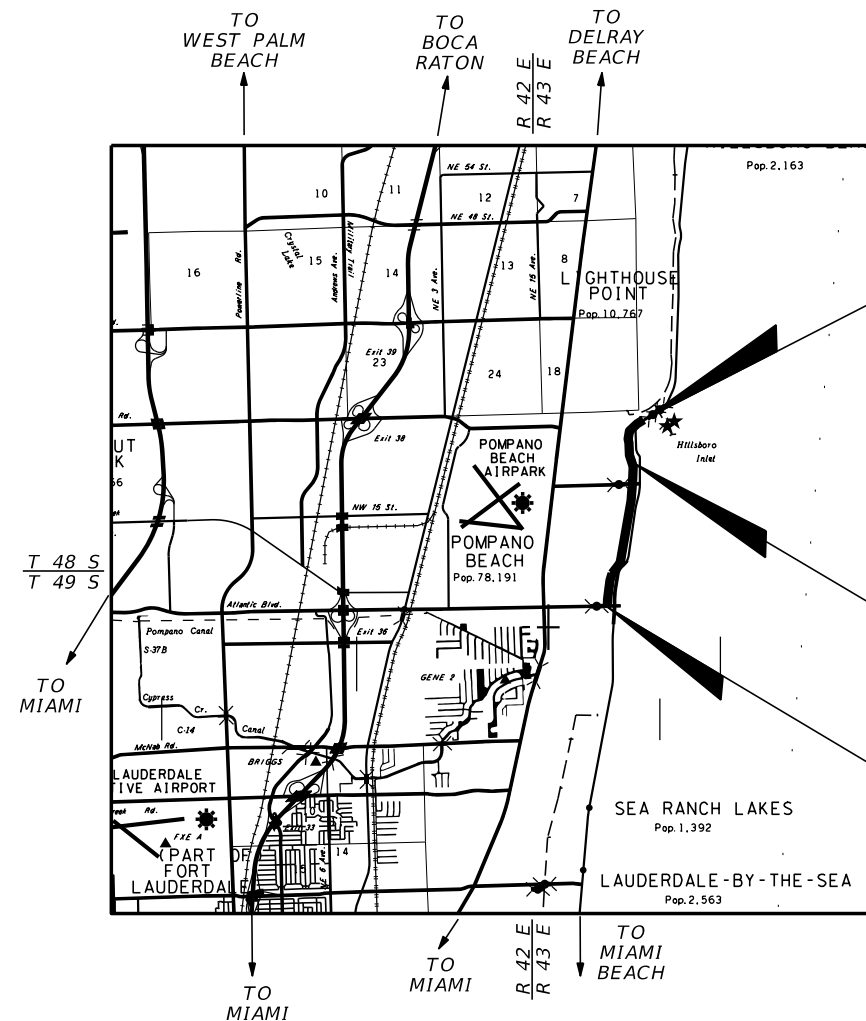
LANDSCAPE AND IRRIGATION PLANS

INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
LD-1	KEY SHEET
LD-2	TABULATION OF QUANTITIES
LD-3	PLAN LAYOUT
LD-4 TO LD-25	LANDSCAPE PLAN
LD-26 TO LD-29	LANDSCAPE NOTES AND DETAILS
LD-30 TO LD-51	IRRIGATION PLAN
LD-52 TO LD-53	IRRIGATION NOTES AND DETAILS
LD-54 TO LD-59	TREE DISPOSITION CHART



PROJECT LOCATION
<https://goo.gl/maps/R6rZb5iCtpFK1JVN8>



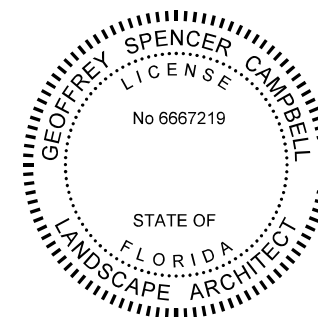
END PROJECT
STA. 548+86.67
MP 12.045
@ SURVEY SR A1A



T 48 S
T 49 S

EQUATION:
STA. 116+43.20 BK =
STA. 516+86.15 AH

BEGIN PROJECT
STA. 34+00 R2
MP 9.890
@ SURVEY SR A1A



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

LANDSCAPE PLANS

LANDSCAPE ARCHITECT OF RECORD:

GEOFF CAMPBELL, RLA NO.: 6667219
KEITH AND ASSOCIATES, INC.
301 EAST ATLANTIC BOULEVARD
POMPANO BEACH, FL 33060
(954) 788-3400
CONTRACT NO.: N/A
VENDOR NO.: F65-0806421

CITY OF POMPANO

BEACH PROJECT MANAGER:

FERNAND THONY, P.E.



Know what's below.
Call before you dig.



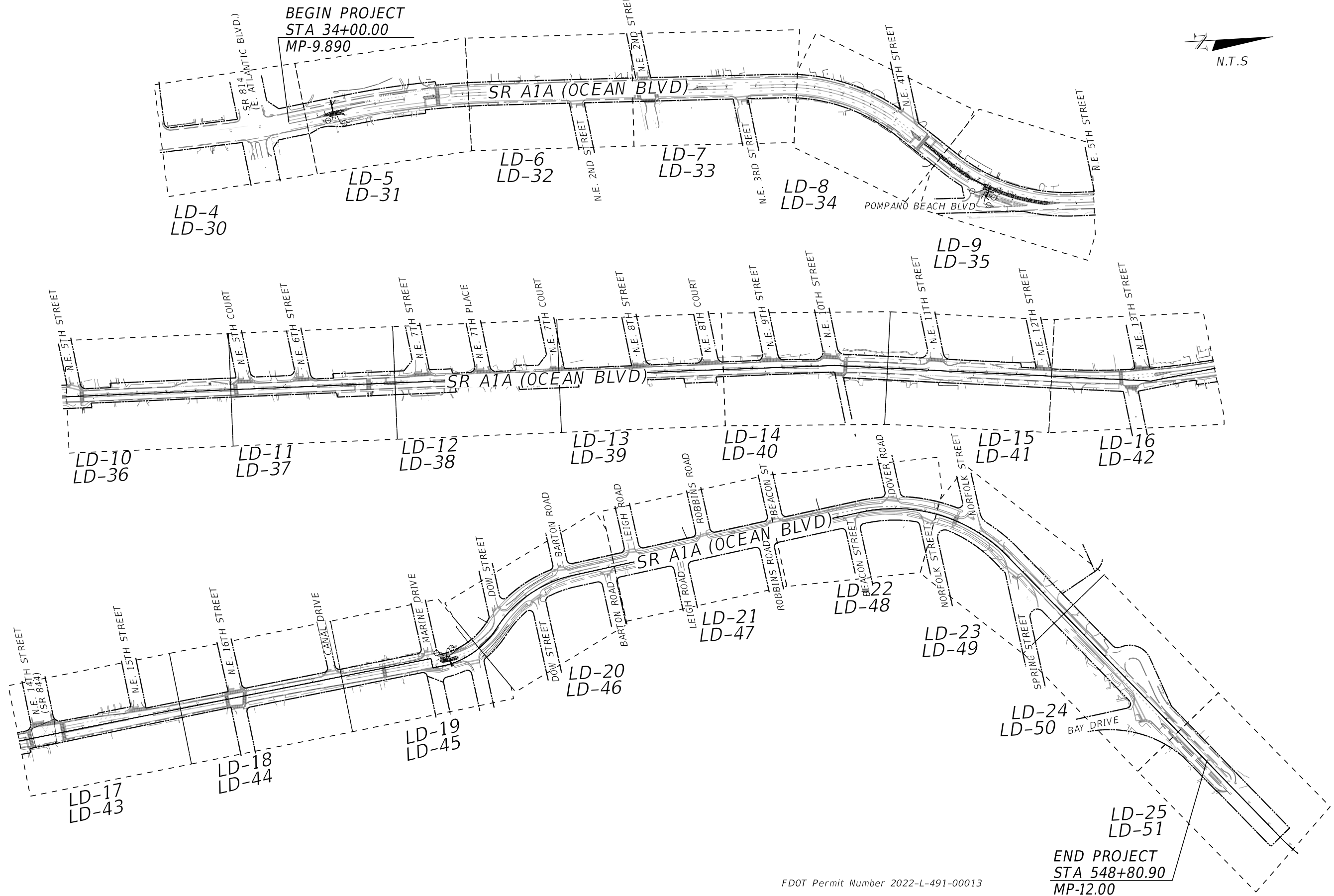
DESIGN SPEED OF SR-A1A IS 35 MPH. FROM STATION 34+00 TO 61+00, LIMITS OF CLEAR SIGHT LINE d=460 FEET, PER FDM EXHIBIT 212-6 FOR 4-LANE DIVIDED SECTION. FROM STATION 61+00 TO 518+00, LIMITS OF CLEAR SIGHT LINE d=415 FEET, PER FDM EXHIBIT 212-4 FOR 2-LANE SECTION WITH LEFT TURN LANE. FROM STATION 518+00 TO 548+86.67, LIMITS OF CLEAR SIGHT LINE d=390 FEET, PER FDM EXHIBIT 212-4 FOR 2-LANE UNDIVIDED SECTION.

FDOT Permit Number 2022-L-491-00013

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
N/A	22	LD-1

LANDSCAPE TABULATION OF QUANTITIES / PLANT SCHEDULE													
PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINT'D SIZE	SHOWN	REMARKS	UNI T	GRAND TOTAL				
									PLAN	FINAL			
LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	3" CAL X 14 FT HT X 6 FT SPR		SHOWN	Florida #1	EA	10				
	CD	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	2.5" CAL X 12 FT HT X 4 FT SPR		SHOWN	Florida #1	EA	6				
	CE	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	2" CAL X 10 FT HT X 4 FT SPR X 4 FT CT		SHOWN	Florida #1	EA	8				
	CO	CORDIA SEBESTENA	ORANGE GEIGER TREE	2" CAL X 10 FT HT X 4 FT SPR X 4 FT CT		SHOWN	Florida #1	EA	4				
	CR	CLUSIA ROSEA	PITCH APPLE	2.5" CAL X 12 FT HT X 5 FT SPR X 5 FT CT		SHOWN	Florida #1	EA	11				
	DR	DELONIX REGIA	ROYAL POINCIANA	3" CAL X 14 FT HT X 6 FT SPR		SHOWN	Florida #1	EA	1				
	GS	GUAIACUM SANCTUM	LIGNUM VITAE	1.25" CAL X 6 FT HT X 3 FT SPR		SHOWN	Florida #1	EA	2				
	LL	LYSILOMA LATISILIQUA	WILD TAMARIND	3" CAL X 14 FT HT X 6 FT SPR		SHOWN	Florida #1	EA	3				
	LS	LAGERSTROEMIA SPECIOSA	QUEEN'S CRAPE MYRTLE	3" CAL X 14 FT HT X 6 FT SPR		SHOWN	Florida #1	EA	3				
	PE1	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	14' CT, 4 LEAVES MIN.		SHOWN	Florida #1	EA	34				
	PE2	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	18' CT, 4 LEAVES MIN.		SHOWN	Florida #1	EA	8				
	QV	QUERCUS VIRGINIANA	LIVE OAK	3" CAL X 12 FT HT X 6 FT SPR		SHOWN	Florida #1	EA	3				
	SG	SIMAROUNBA GLAUCA	PARADISE TREE	2" CAL X 12 FT HT X 4 FT SPR		SHOWN	Florida #1	EA	2				
	TC	TABEBUIA CARAIBA	YELLOW TURMPET TREE	2" CAL X 10 FT HT X 4 FT SPR		SHOWN	Florida #1	EA	4				
	TH	TABEBUIA HETEROPHYLLA	PINK TRUMPET TREE	2" CAL X 10 FT HT X 4 FT SPR		SHOWN	Florida #1	EA	5				
	TR1	THRINAX RADIATA	FLORIDA THATCH PALM	4' CT, 6 LEAVES MIN,		SHOWN	Florida #1	EA	4				
	TR2	THRINAX RADIATA	FLORIDA THATCH PALM	13' CT, 6 LEAVES MIN.		SHOWN	Florida #1	EA	14				
	VM	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	20' CT, 4 LEAVES MIN.		SHOWN	Florida #1	EA	5				
SHRUBS	AG	ARACHIS GLABRATA	PERENNIAL PEANUT	1 GAL, 6" HT		12" OC	Florida #1	EA	1,494				
	CAR	CARISSA MACROCARPA	DWARF NATAL PLUM	1 GAL, 12" HT	18"	18" OC	Florida #1	EA	619				
	CES	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	3 GAL, 12" HT	24"	24" OC	Florida #1	EA	18				
	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	1 GAL, 6" HT	18"	12" OC	Florida #1	EA	12				
	LM	LIRIOPE MUSCARI	LILYTURF	1 GAL, 6" HT		12" OC	Florida #1	EA	330				
	NF	NEOREGELIA BROMELIAD	FIREBALL BROMELIAD	1 GAL, 6" HT		12" OC	Florida #1	EA	737				
	SR	STRELITZIA REGINAE	ORANGE BIRD OF PARADISE	25 GAL, 3.5' HT		SHOWN	Florida #1	EA	1				
ABBREVIATIONS: CT: CLEAR TRUNK, EA: EACH, GW: GREYWOOD, HT: HEIGHT SPR: SPREAD , OC: ON CENTER, GAL: GALLONS.													
IRRIGATION TABULATION OF QUANTITIES / IRRIGATION SCHEDULE													
MANUFACTURER/MODEL/DESCRIPTION					UNIT	GRAND TOTAL							
						PLAN	FINAL						
RAIN BIRD SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE AND VARIABLE ARC NOZZLE. (6' RADIUS)					EA	10							
RAIN BIRD SHRUB SPRAY 12.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE AND VARIABLE ARC NOZZLE. (8' RADIUS)					EA	131							
RAIN BIRD ADJUSTABLE FLOW BUBBLER 1802-1300AF					EA	52							
RAIN BIRD 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION, INSTALLED WITH TIER 8 VALVE BOXES					EA	7							
RAIN BIRD RSD RAIN SENSOR					EA	3							
RAIN BIRD ESP-9V2 IRRIGATION CONTROLLER					EA	2							
RAIN BIRD ESP-9V6 IRRIGATION CONTROLLER					EA	1							
IRRIGATION LATERAL LINE: SIZE LESS THAN 2" TO BE CLASS 200 PVC, SIZE 2" OR GREATER TO BE SCH. 40 PVC					LF	1,792							
IRRIGATION MAINLINE: SCHEDULE 40 PVC					LF	73							
PIPE SLEEVE: SCHEDULE 40 PVC					LF	45							
REVISIONS					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES			SHEET NO.		
DATE	DESCRIPTION											ROAD NO.	COUNTY
											SR A1A	BROWARD	N/A
KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219													

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MP-9.890

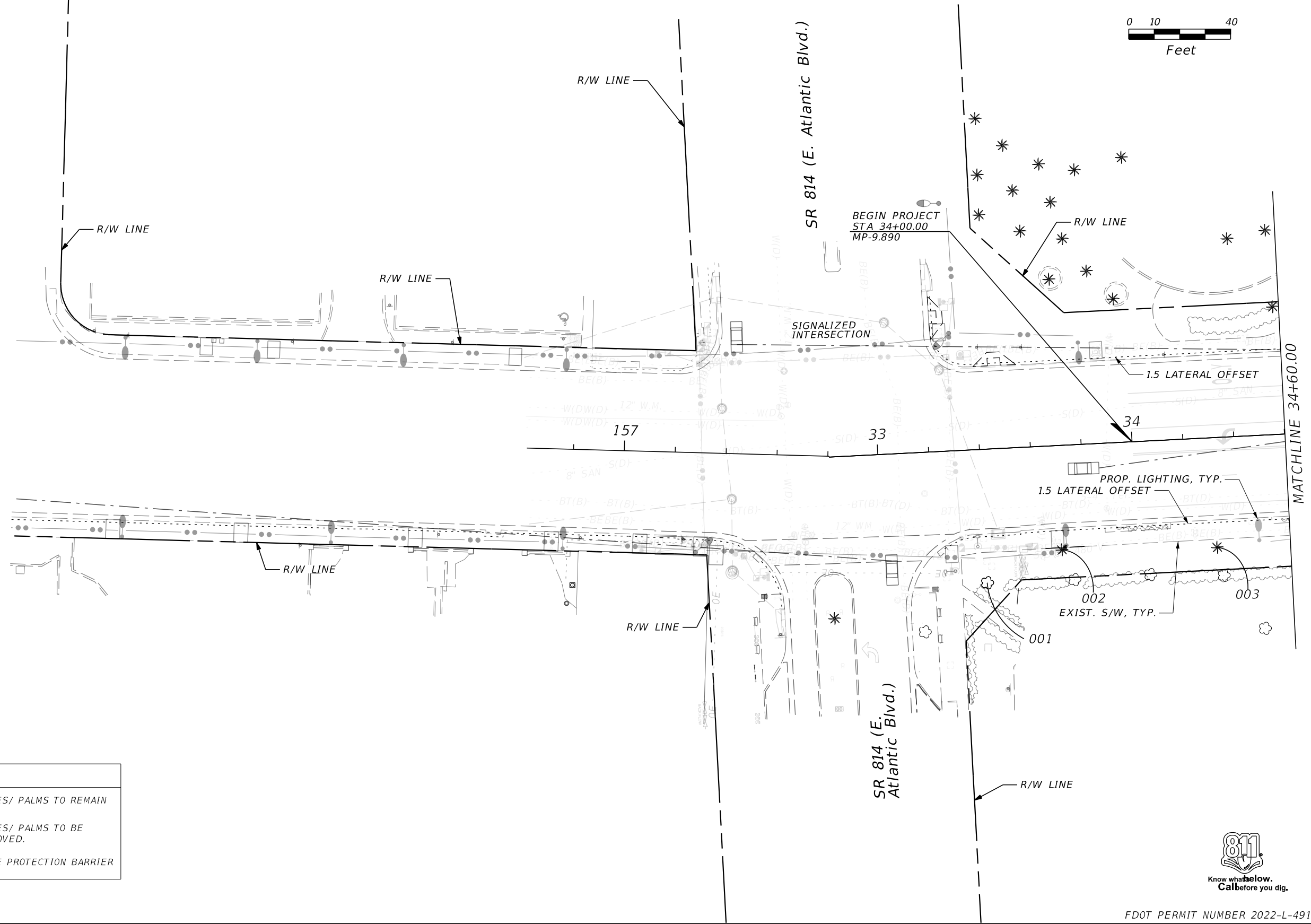
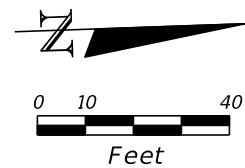


FDOT Permit Number 2022-L-491-00013

END PROJECT
STA 548+80.90
MP-12.00

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAN0 BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN LAYOUT	SHEET NO. LD-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		

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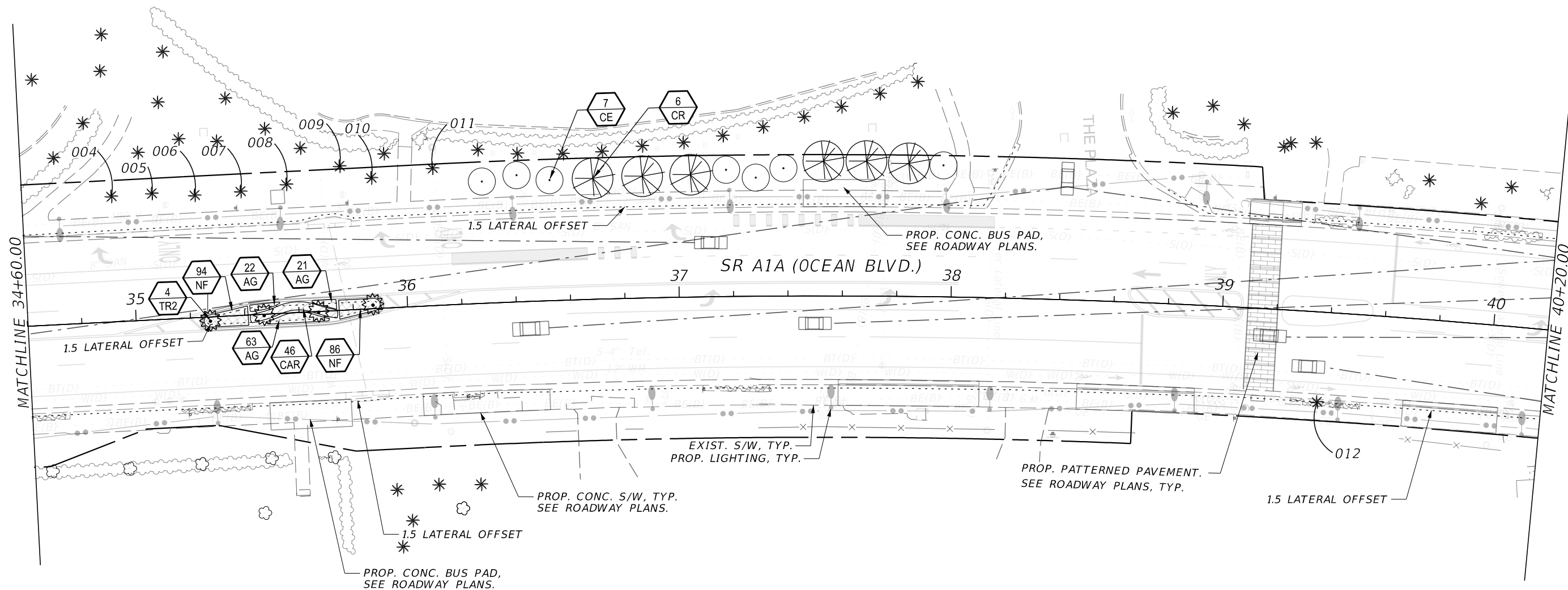
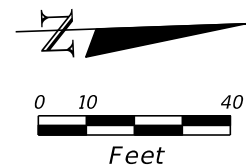
LEGEND

		TREES/ PALMS TO REMAIN
		TREES/ PALMS TO BE REMOVED.
		TREE PROTECTION BARRIER



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-4



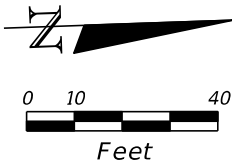
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		TREE PROTECTION BARRIER



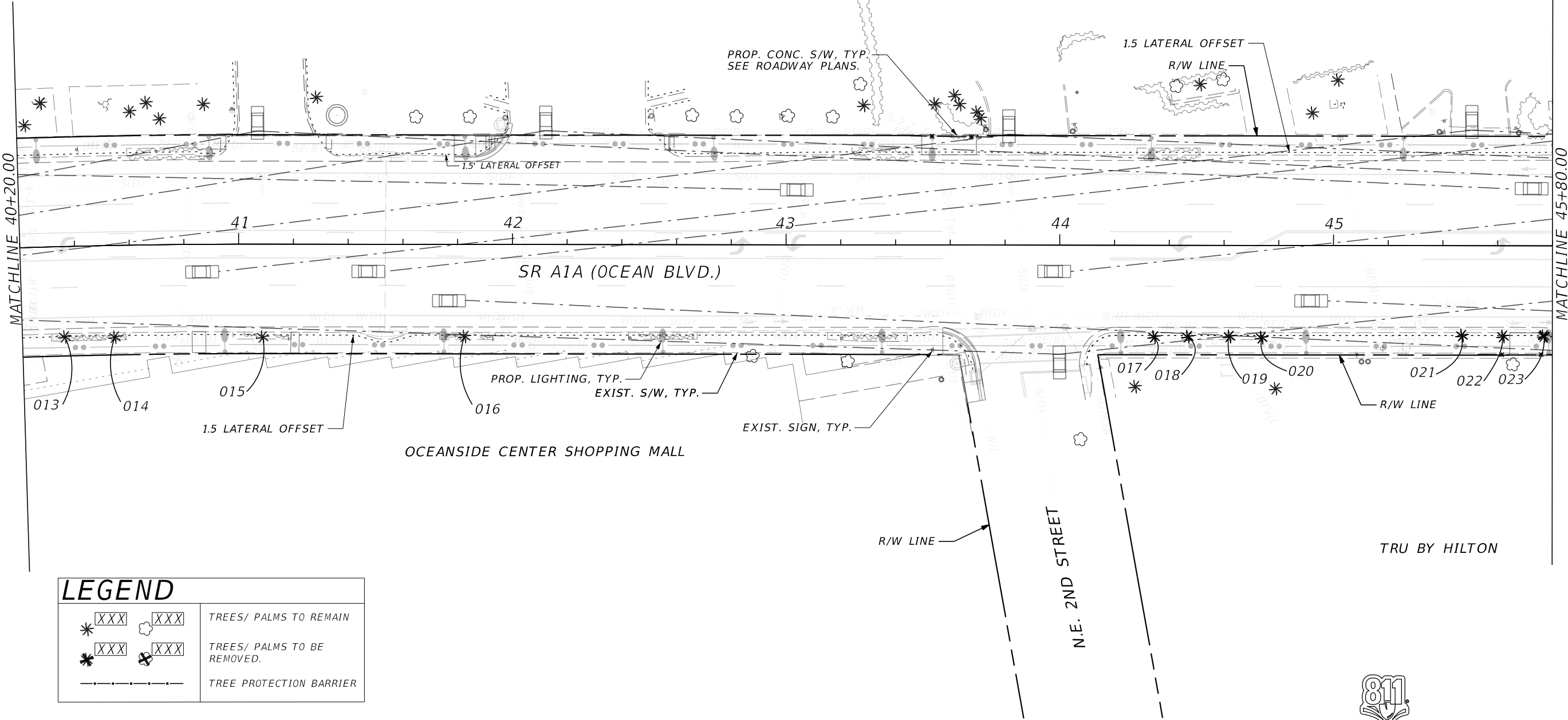
FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-5



POMPANO BEACH FIRE RESCUE STATION 11

WELLS FARGO BANK



LEGEND

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TREES/ PALMS TO REMAIN

TREES/ PALMS TO BE REMOVED.

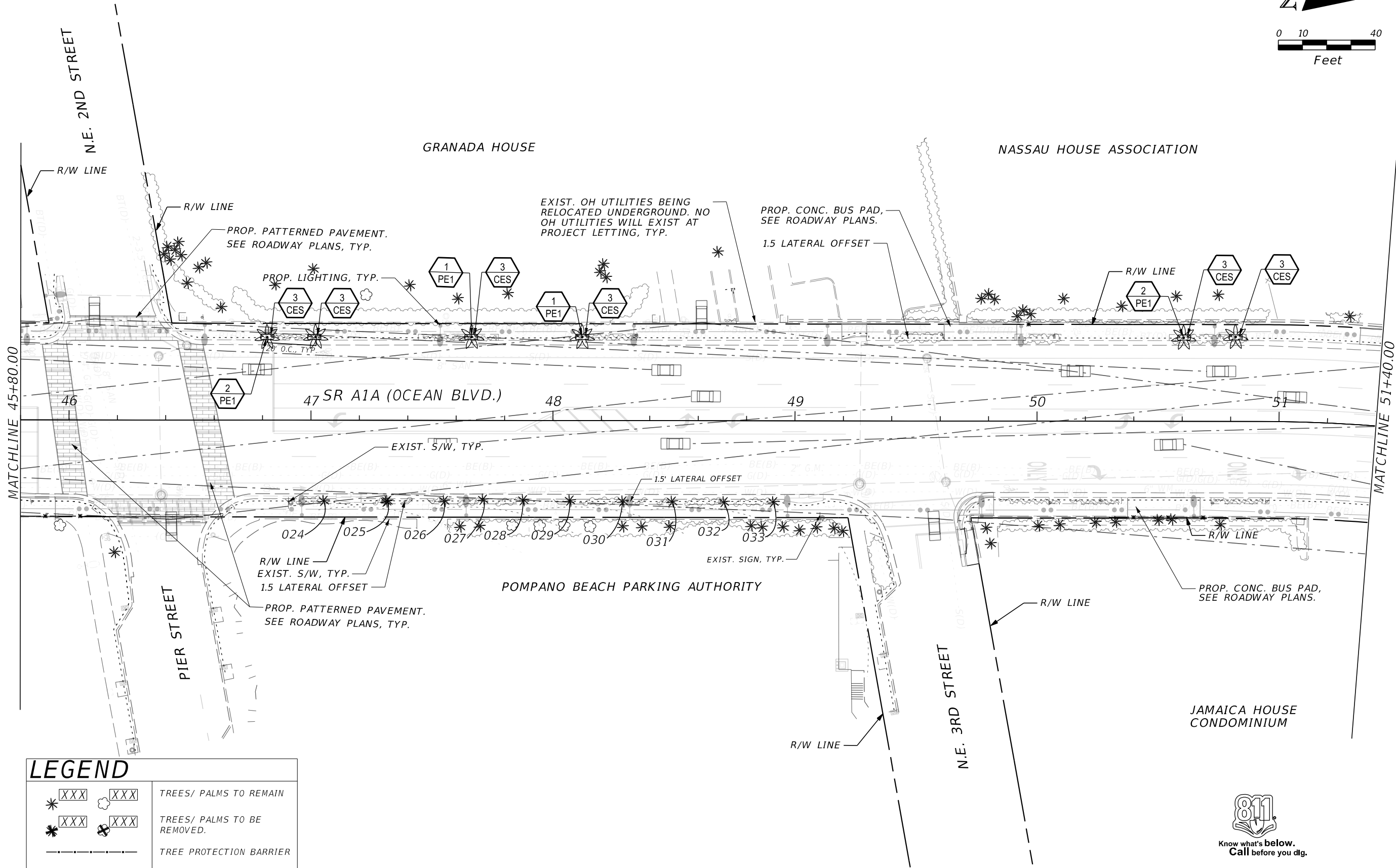
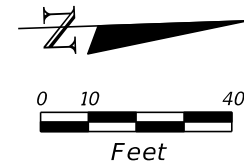
TREE PROTECTION BARRIER

FDOT PERMIT NUMBER 2022-L-491-00013

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-6

gcampbell 5/1/2023 2:20:32 PM Q:\10654.04 -SR A1A Streetscape Improvements - COPB (KEITH Prime)\Highway - FDOT\ca

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LEGEND

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TREES/ PALMS TO REMAIN

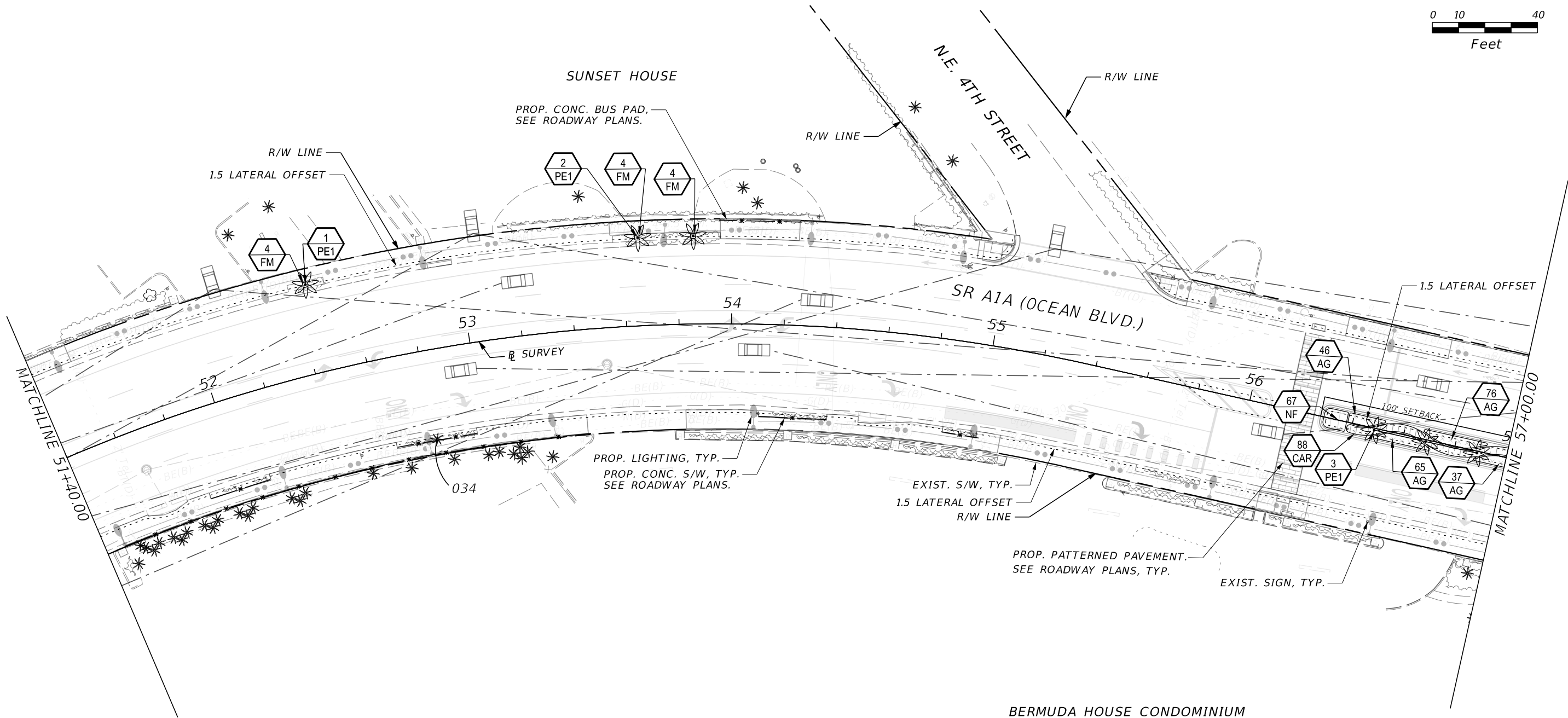
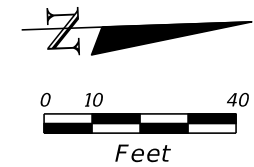
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TREE PROTECTION BARRIER



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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <td rowspan="3">LANDSCAPE PLAN</td> <td>SHEET NO.</td>			LANDSCAPE PLAN	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY	FINANCIAL PROJECT ID
						SR A1A	BROWARD	N/A	LD-7	

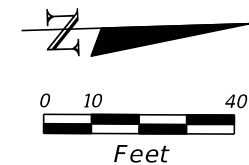


LEGEND			
		TREES/ PALMS TO REMAIN	
		TREES/ PALMS TO BE REMOVED.	
		TREE PROTECTION BARRIER	

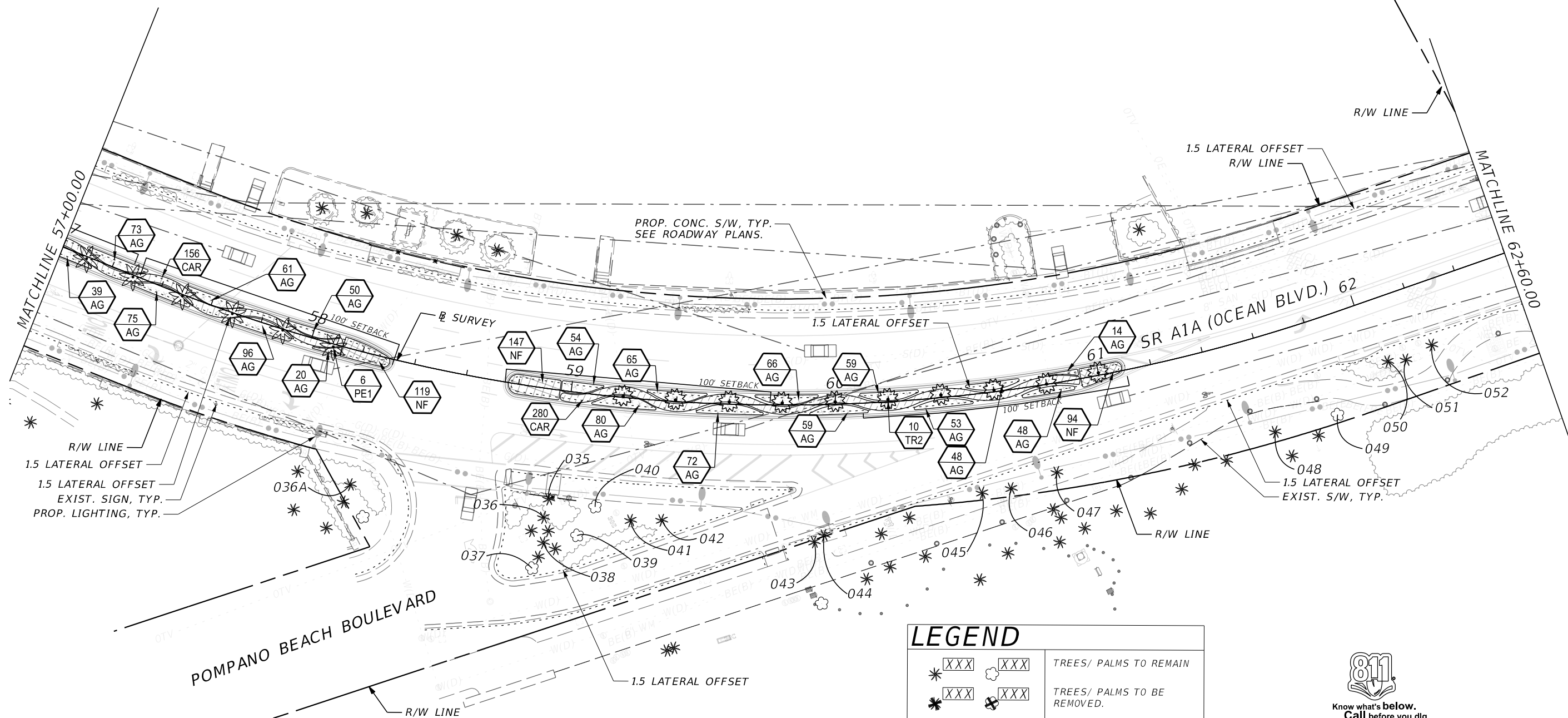


FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
					SR A1A	BROWARD	FINANCIAL PROJECT ID N/A	LD-8



PARLIAMENT HOUSE



LEGEND

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TREES/ PALMS TO REMAIN

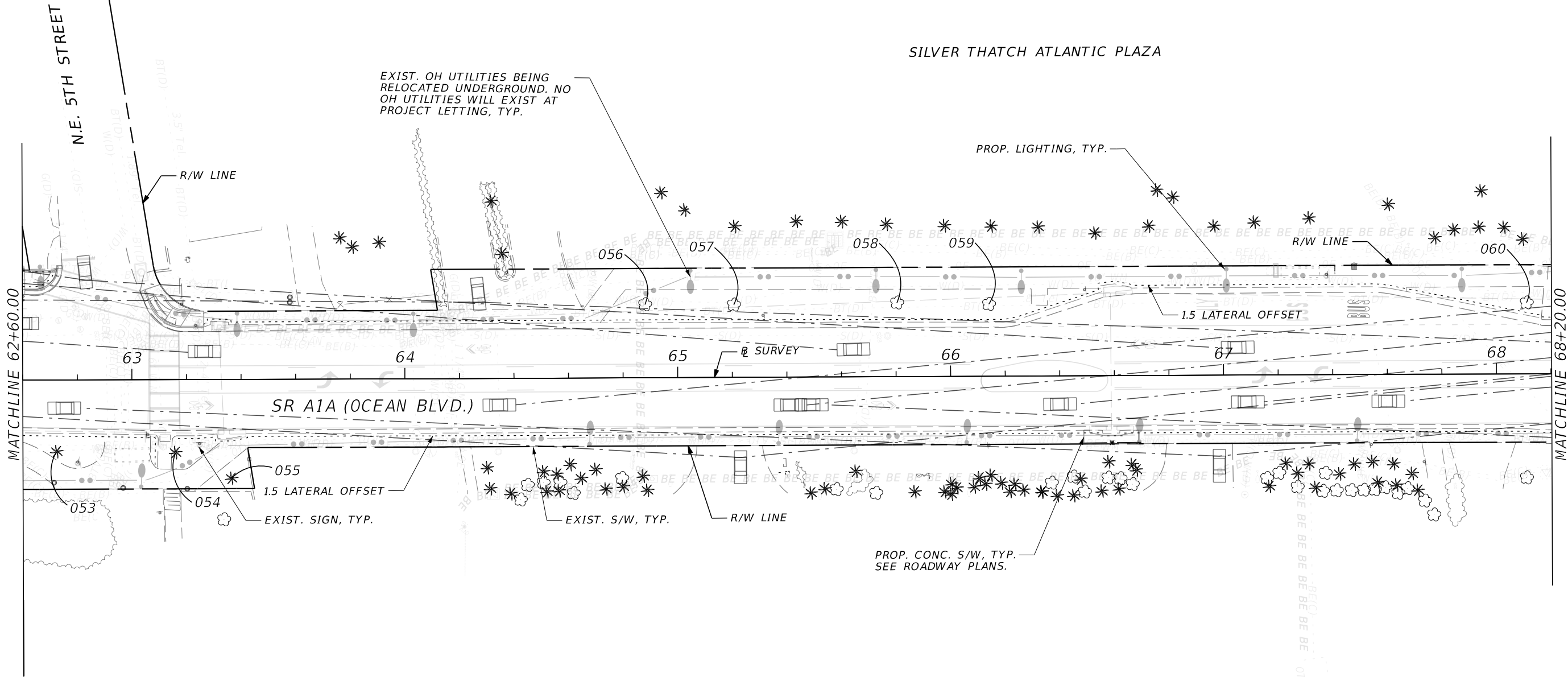
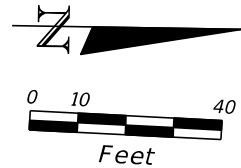
TREES/ PALMS TO BE REMOVED.

TREE PROTECTION BARRIER



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN		SHEET NO. LD-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					SR A1A	BROWARD	N/A			



LE CABANON HOTEL

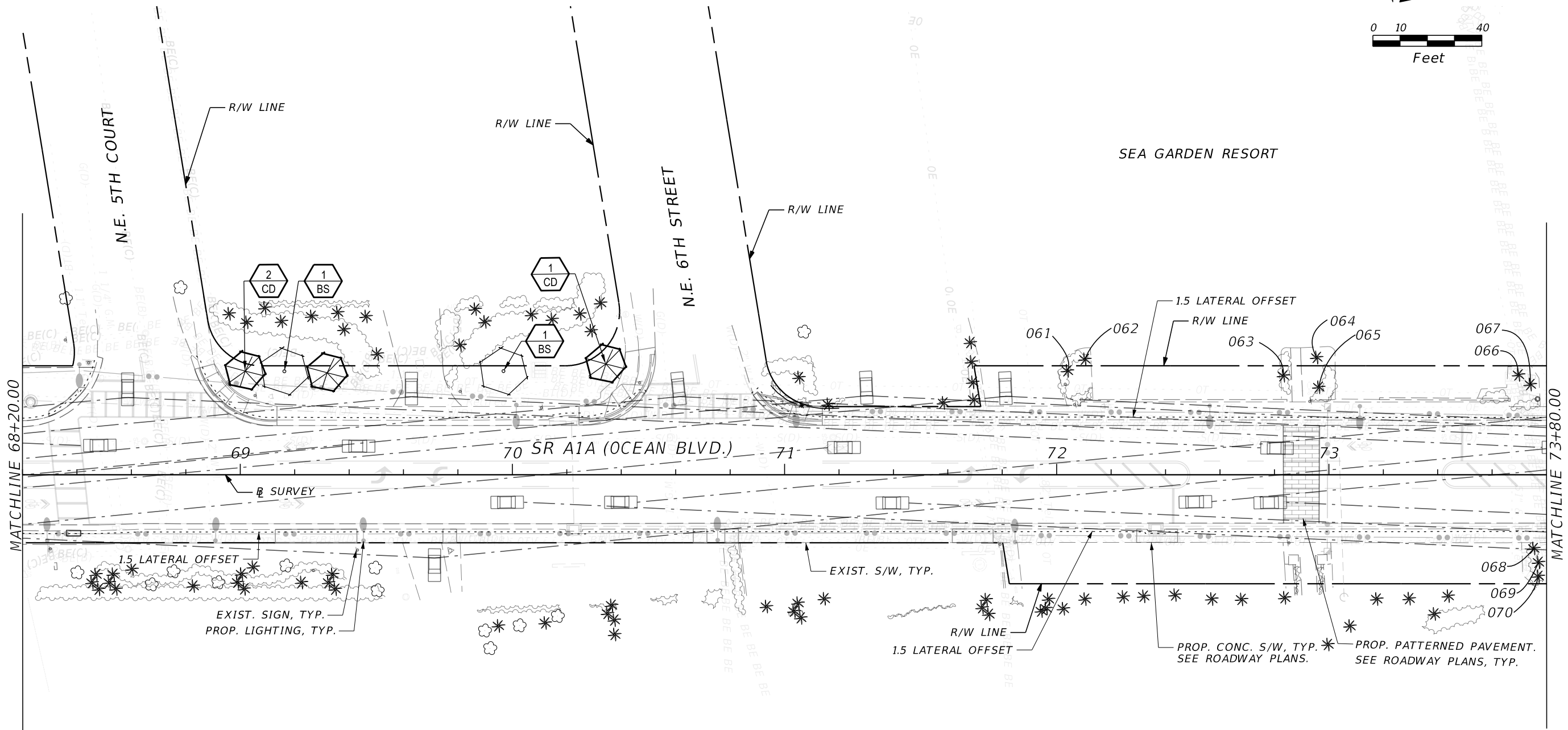
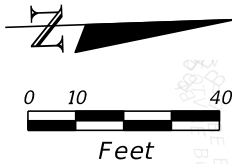
LEGEND			
		TREES/ PALMS TO REMAIN	
		TREES/ PALMS TO BE REMOVED.	
		TREE PROTECTION BARRIER	



Know what's below.
Call before you dig.

FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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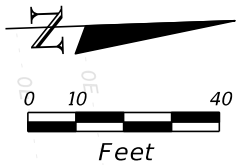
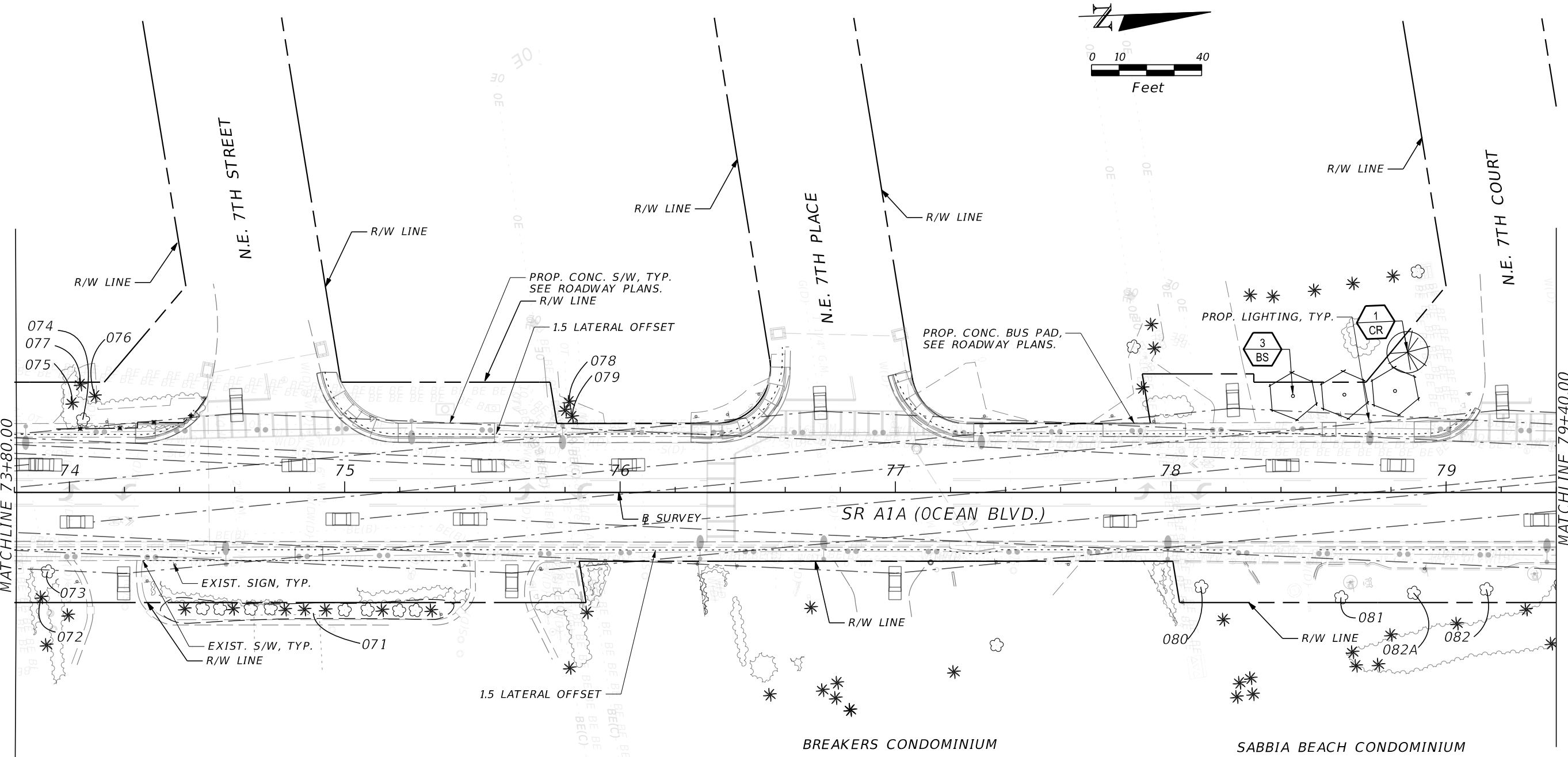


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		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
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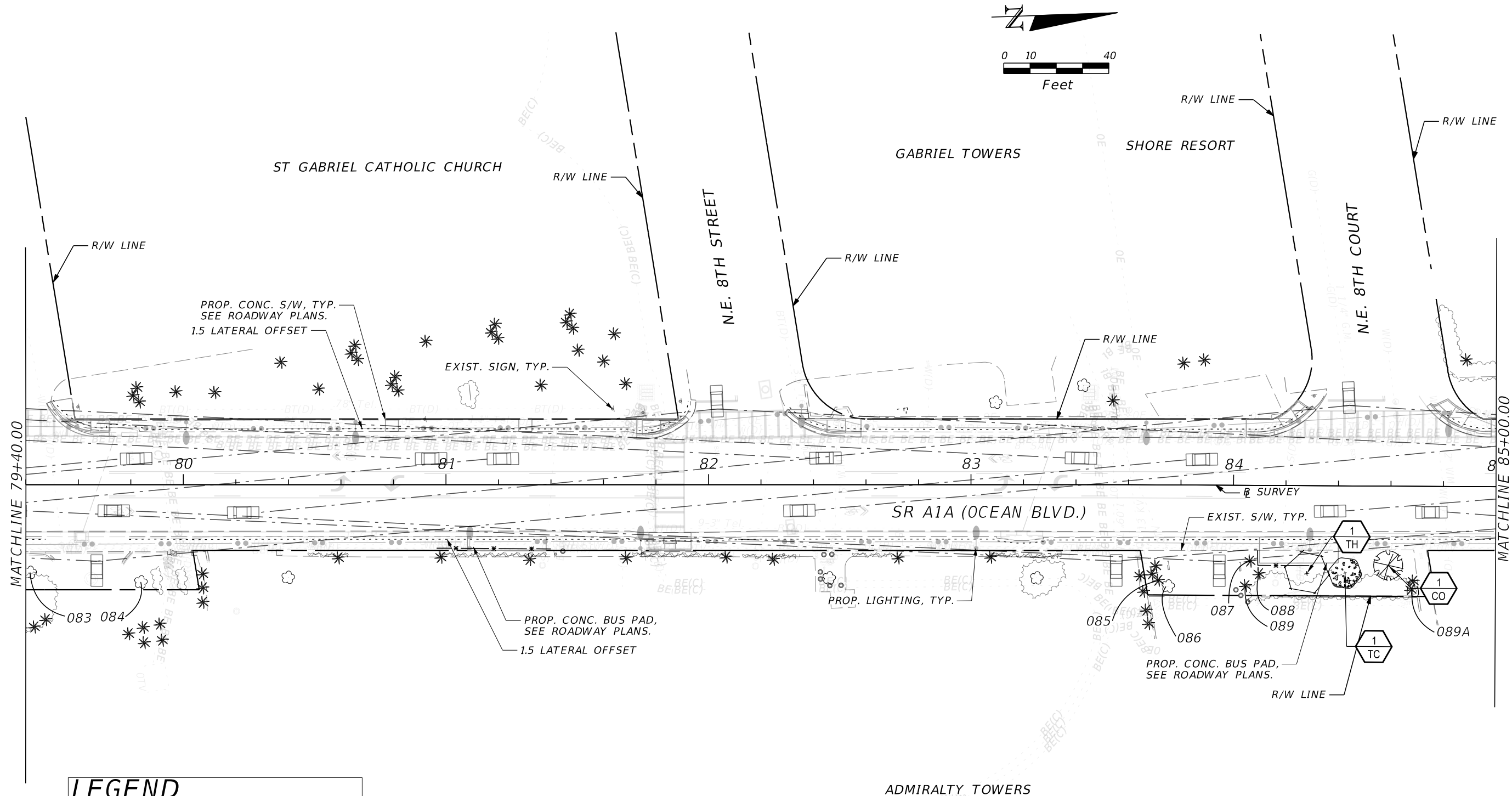
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		TREES/ PALMS TO BE REMOVED.	
		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAN0 BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

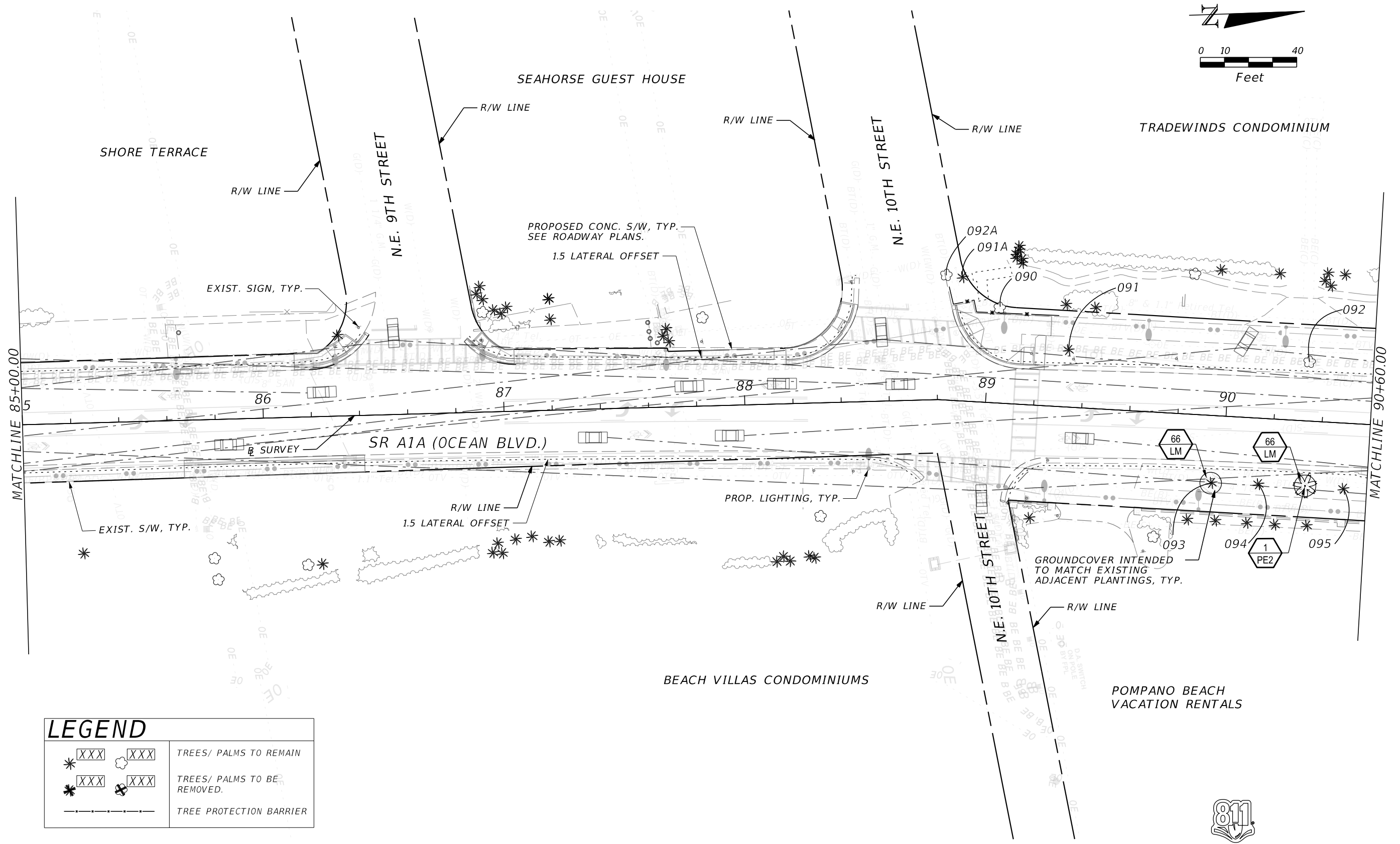
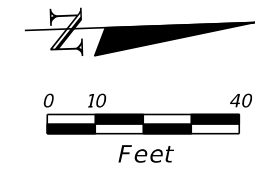


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		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAN0 BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
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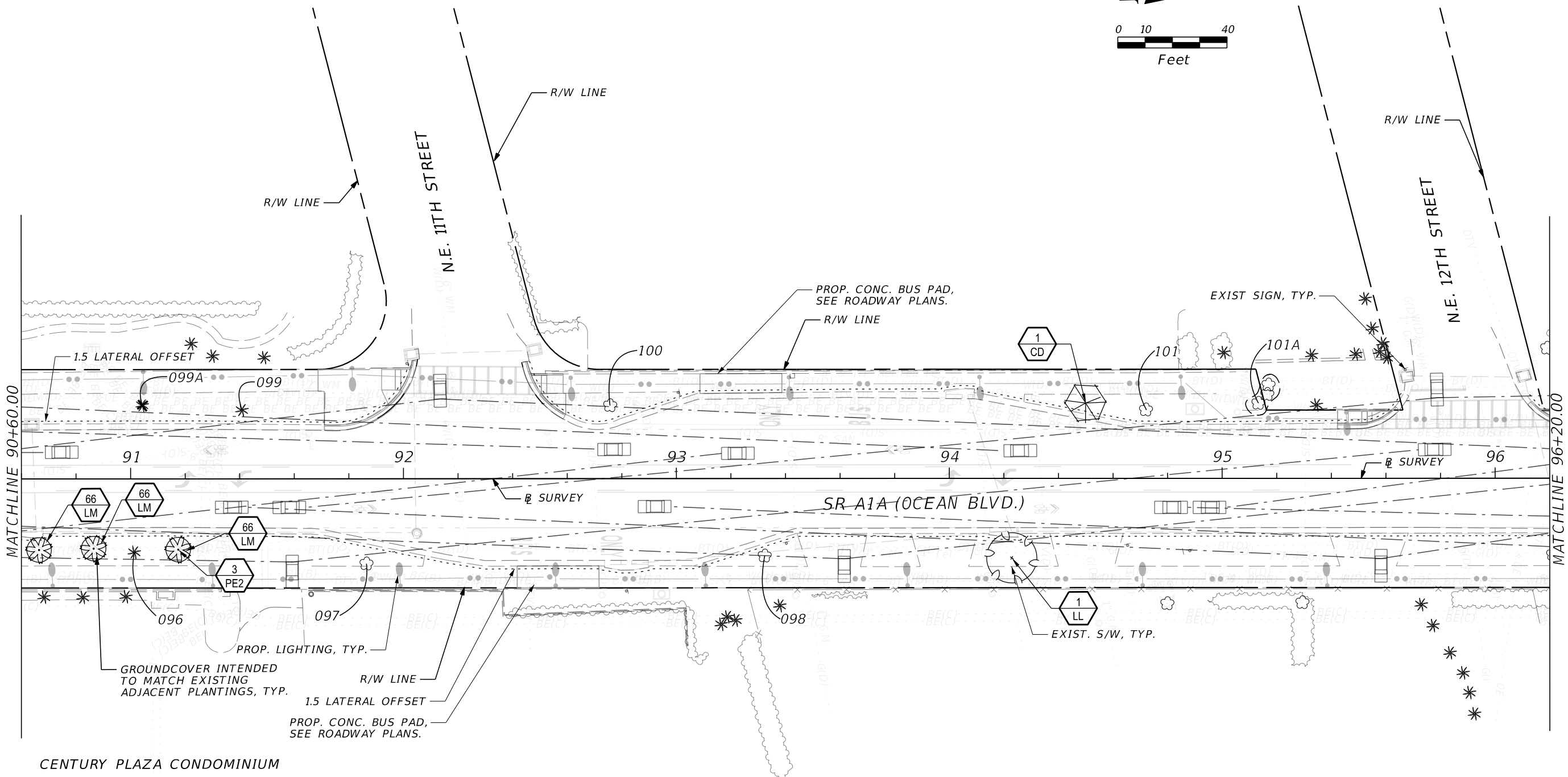
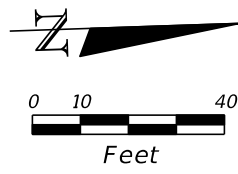
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		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		

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LEGEND

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TREES/ PALMS TO REMAIN

TREES/ PALMS TO BE REMOVED.

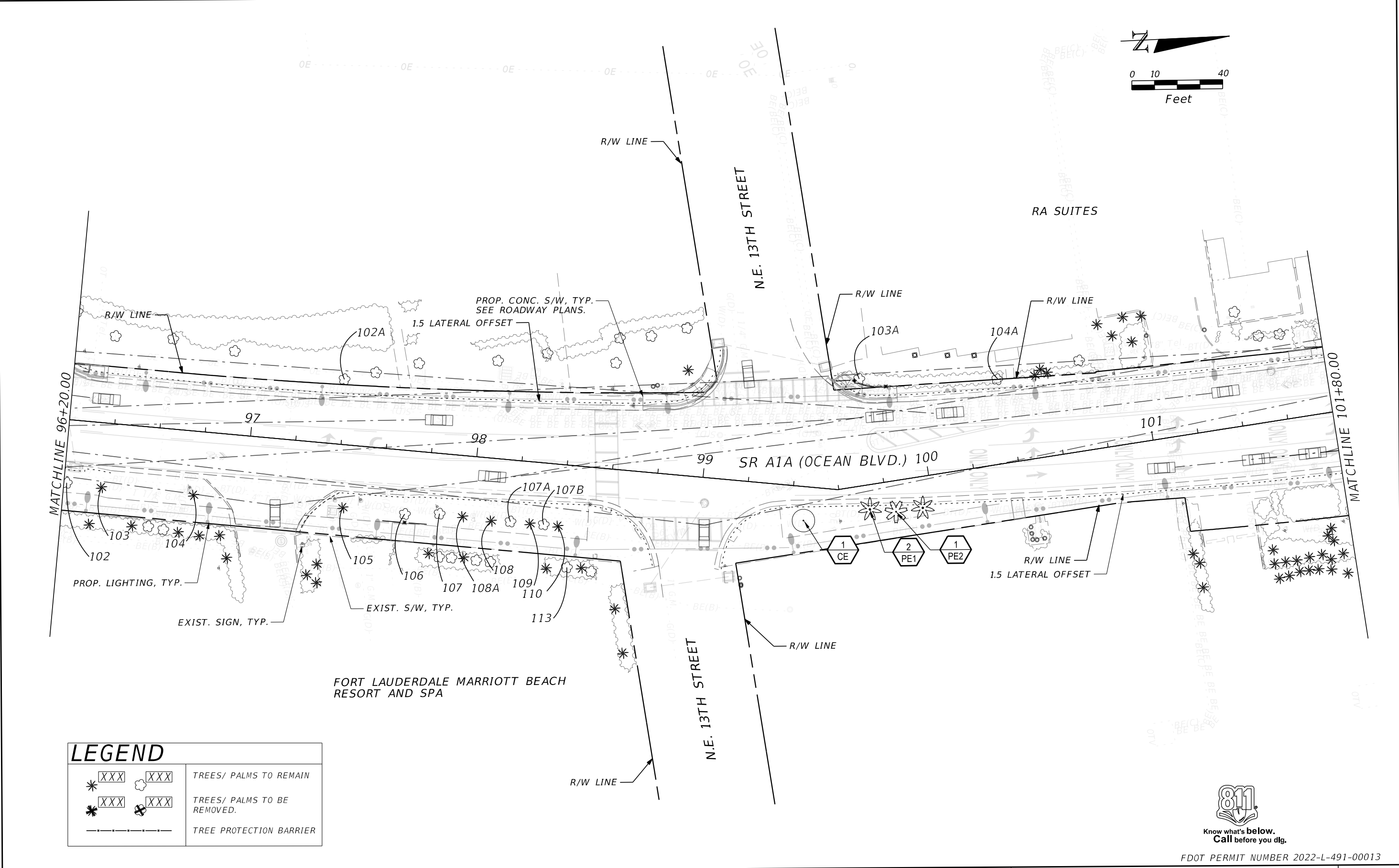
TREE PROTECTION BARRIER

FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-15

gcampbell 5/1/2023 3:32:58 PM Q:\10654.04 -SR A1A Streetscape Improvements - COPB (KEITH Prime)\Highway - FDOT\VC

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.



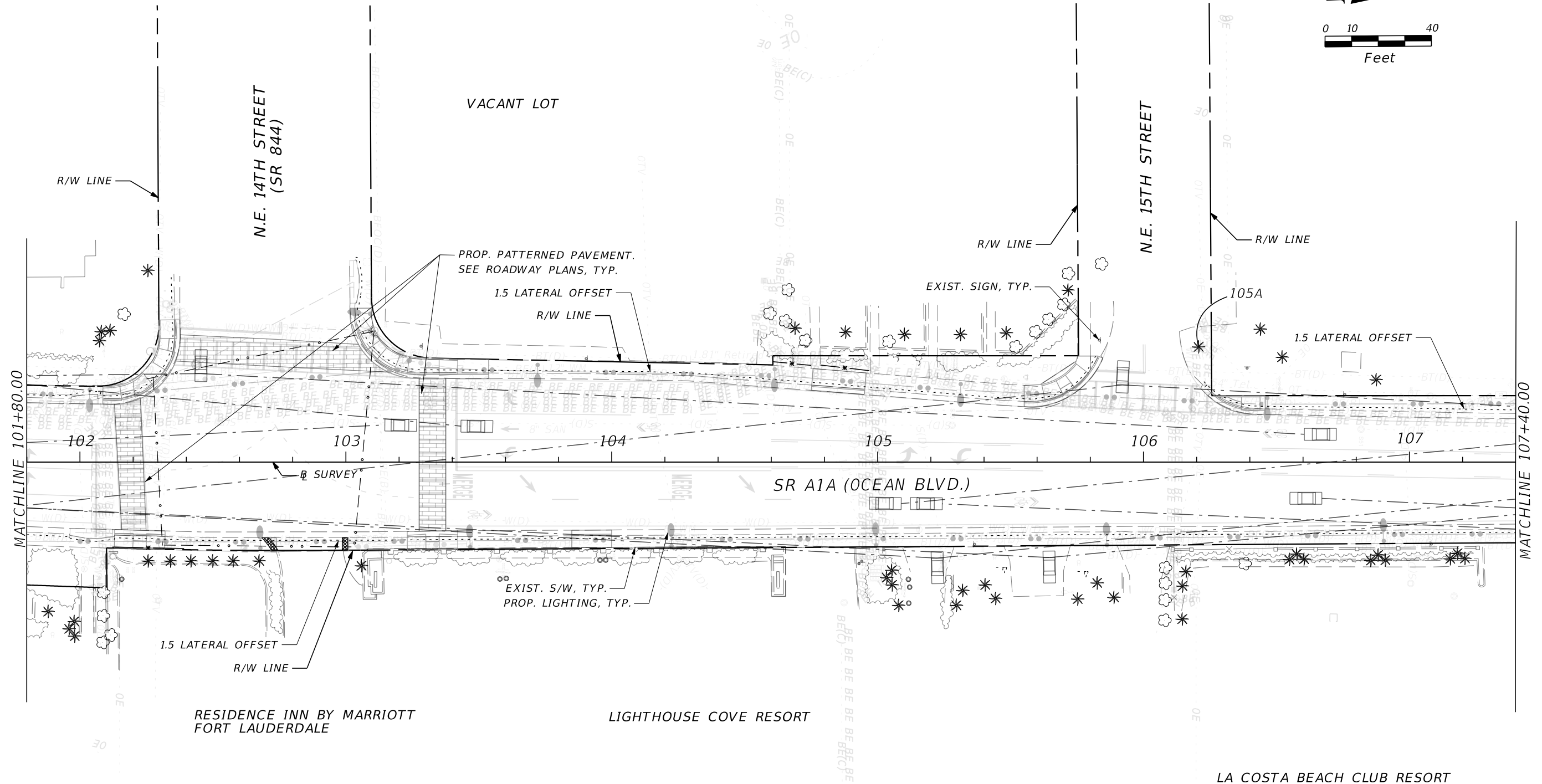
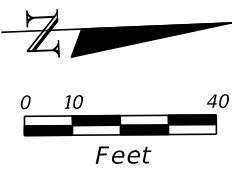
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* XXX	XXX	TREES/ PALMS TO REMAIN	
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-----		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-16
DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR A1A	BROWARD	N/A	

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LEGEND

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TREES/ PALMS TO REMAIN

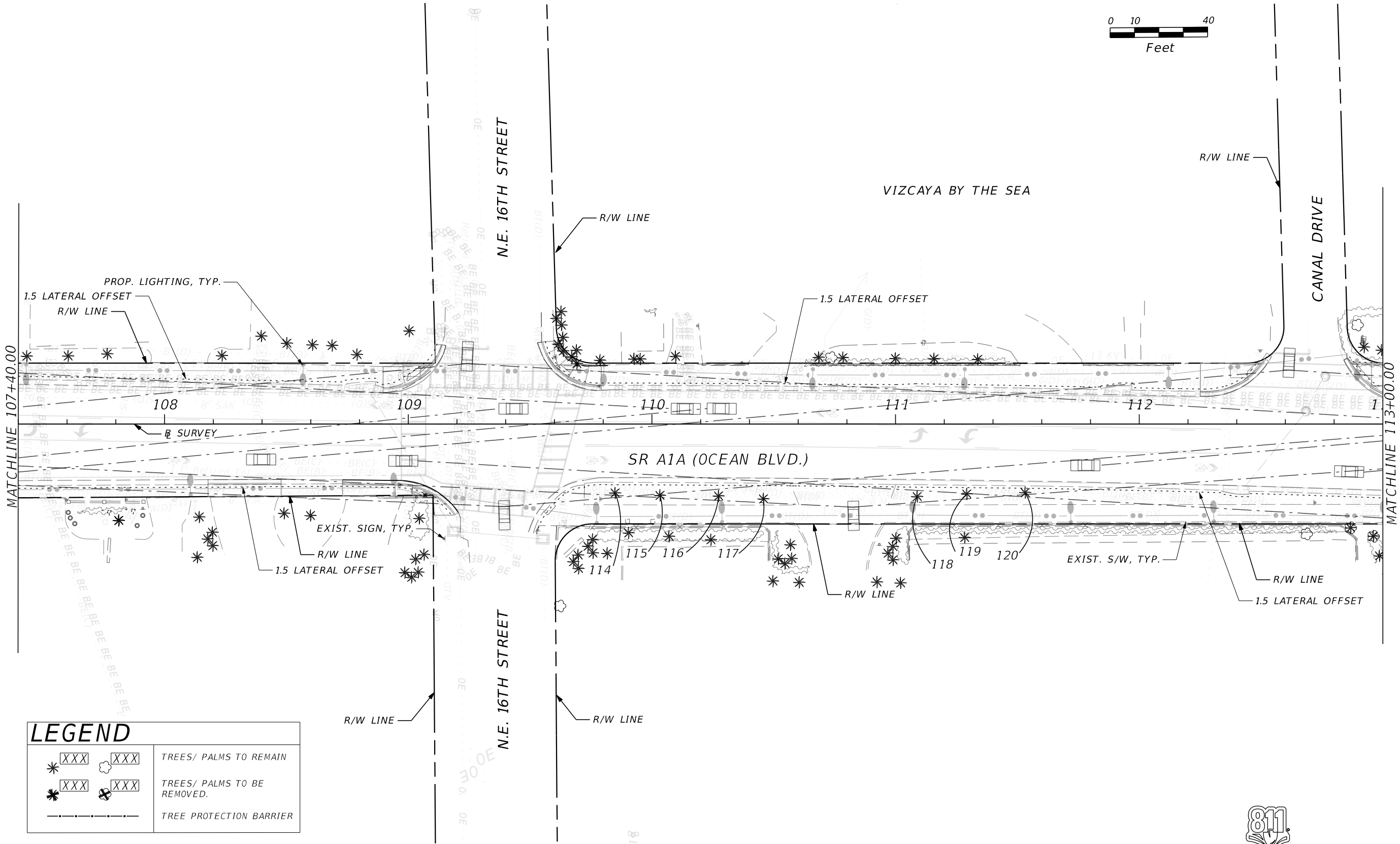
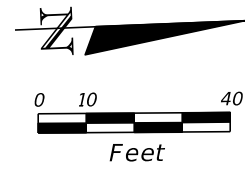
TREES/ PALMS TO BE REMOVED.

TREE PROTECTION BARRIER

FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

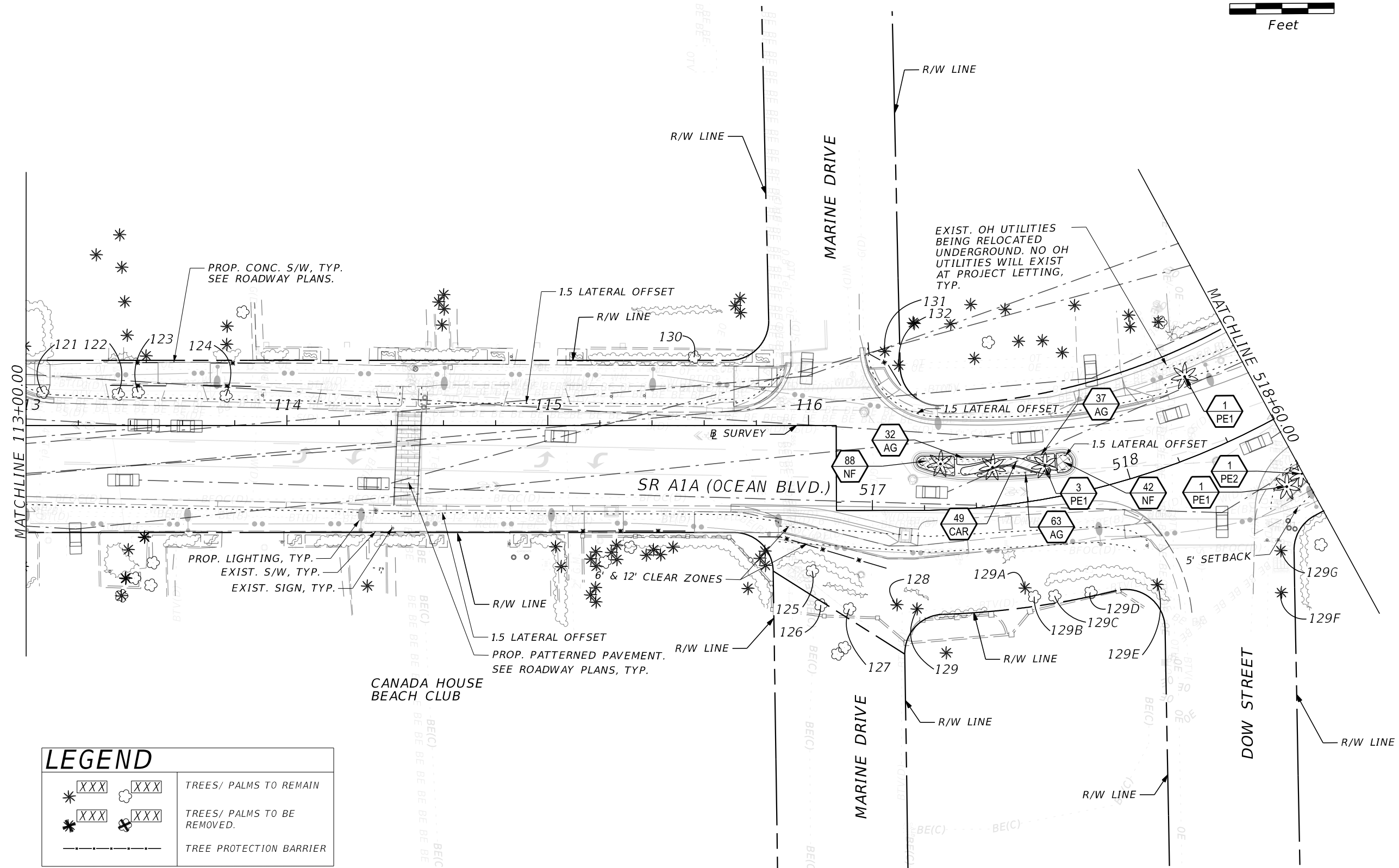
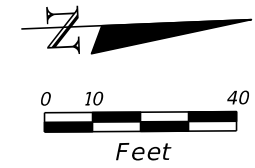


LEGEND			
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		TREES/ PALMS TO BE REMOVED.	
		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
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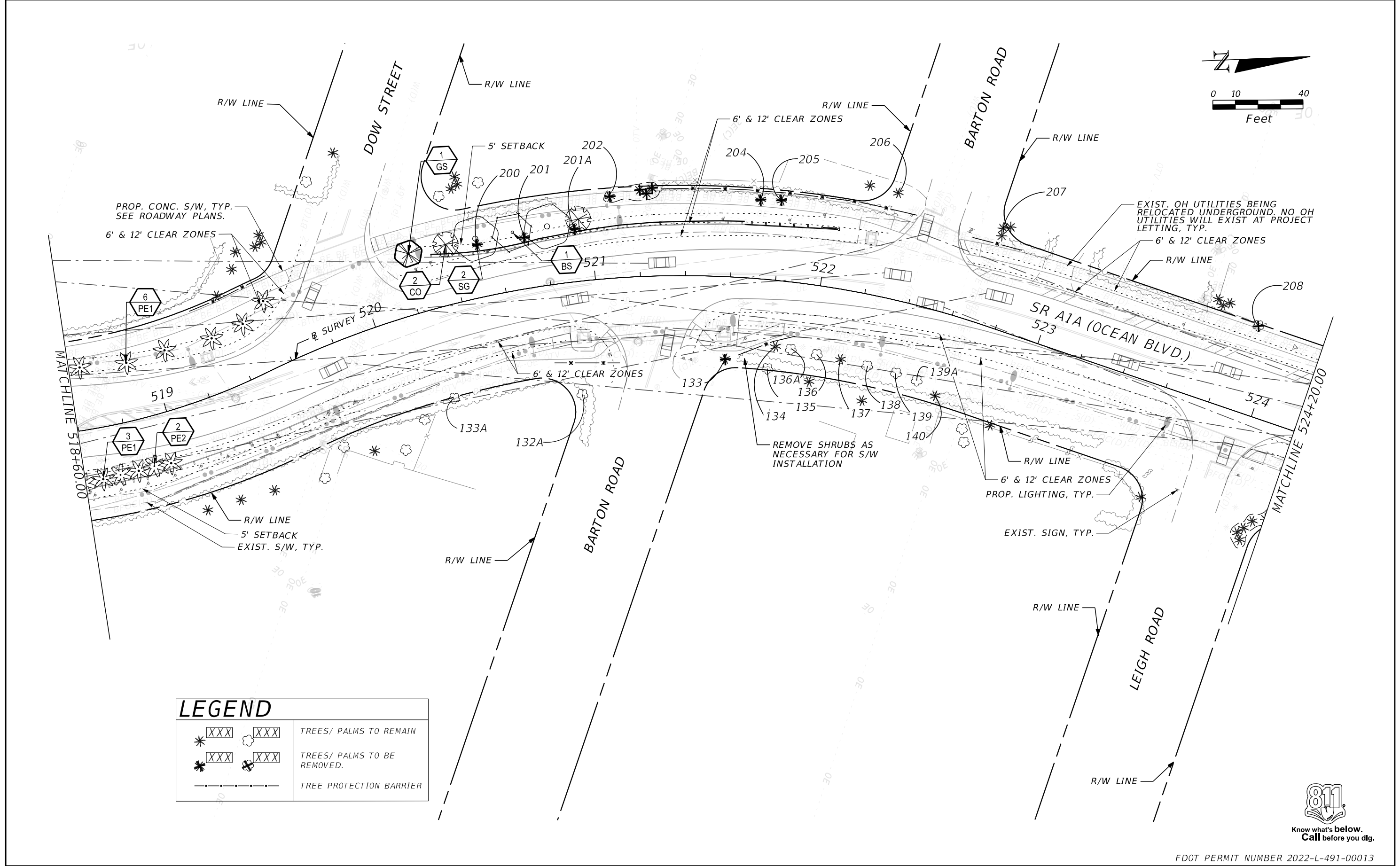


LEGEND	
	TREES/ PALMS TO REMAIN
	TREES/ PALMS TO BE REMOVED.
	TREE PROTECTION BARRIER



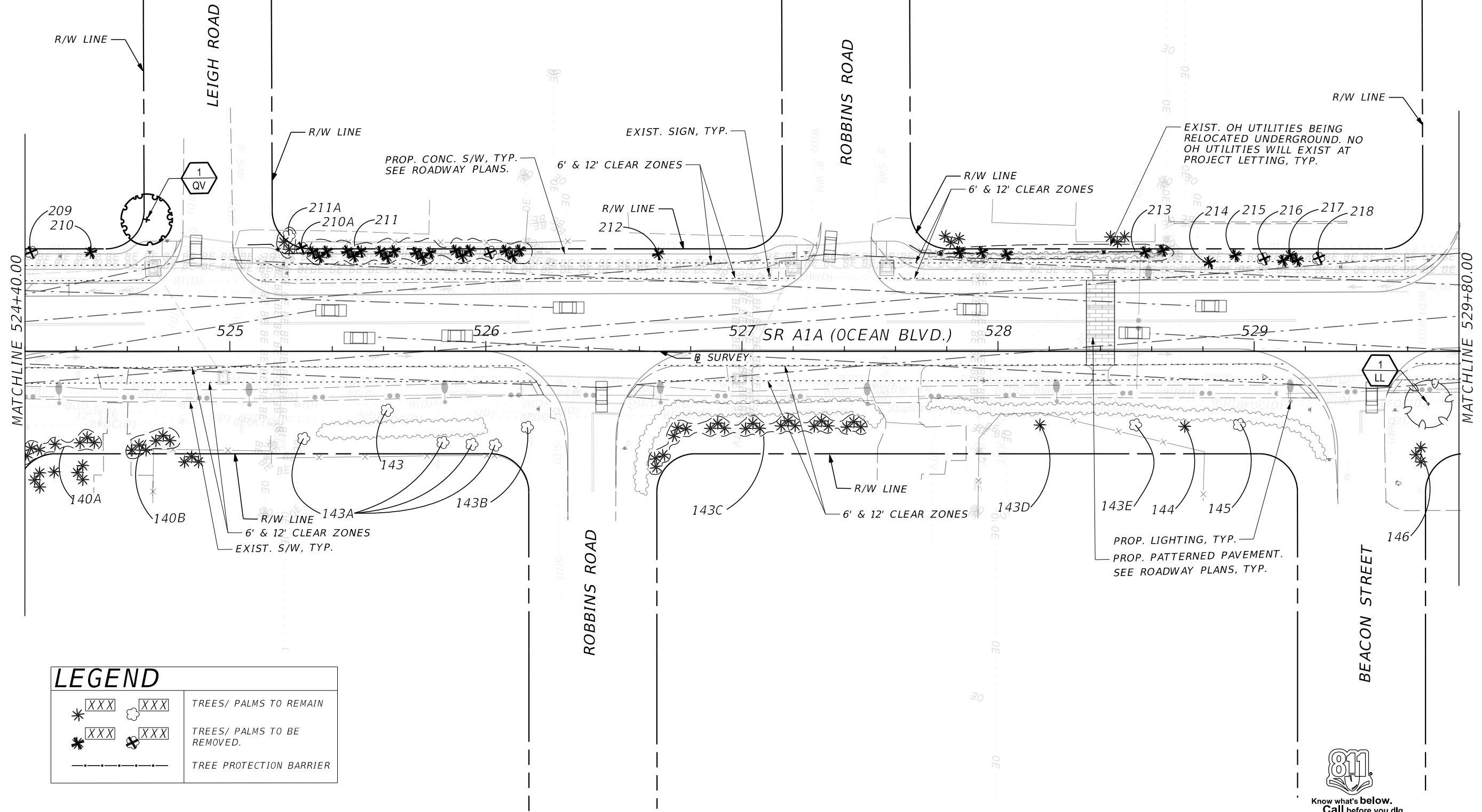
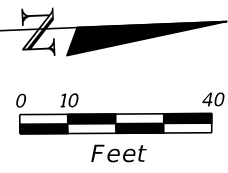
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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		

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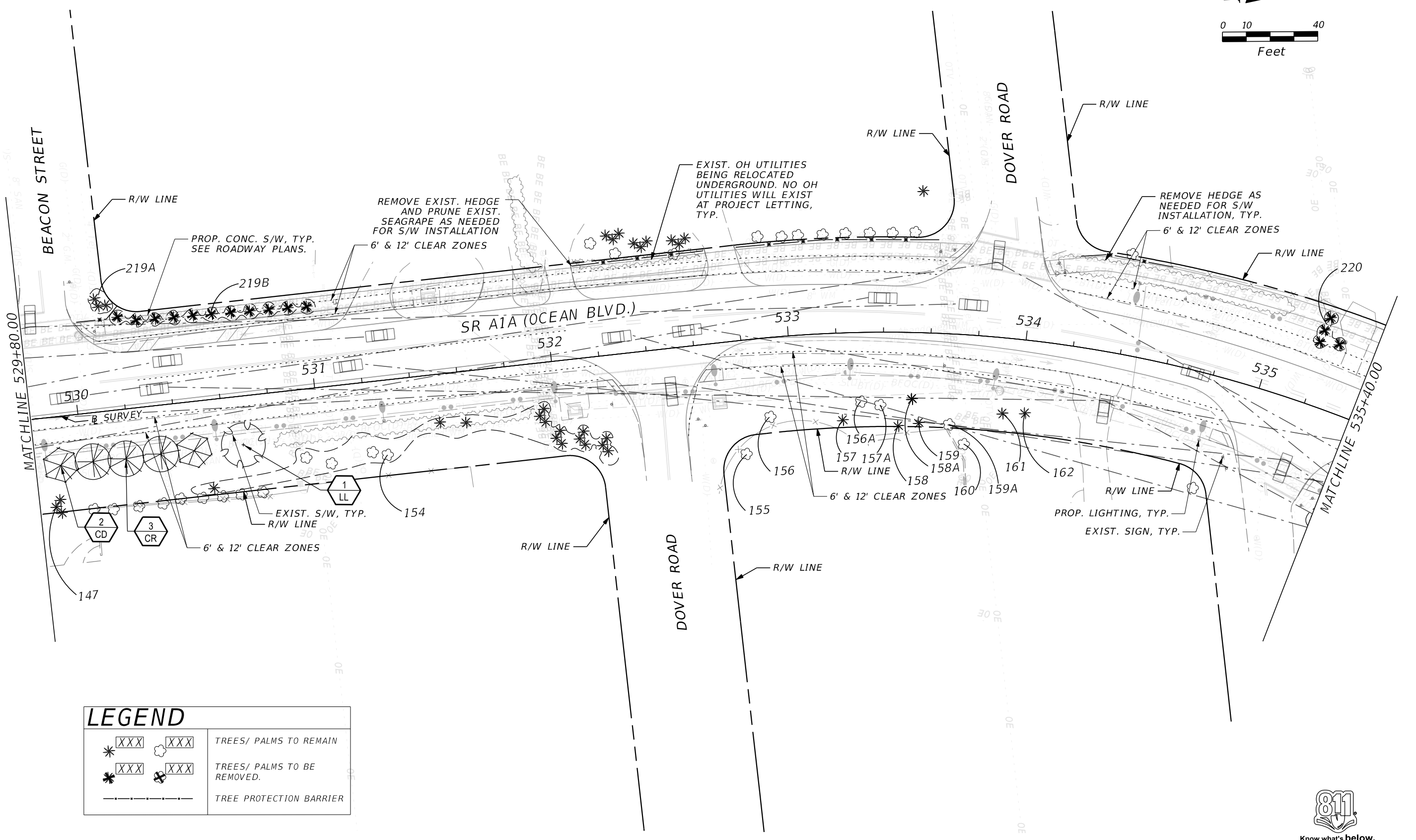
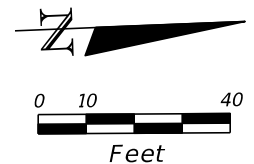


LEGEND			
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		TREE PROTECTION BARRIER	



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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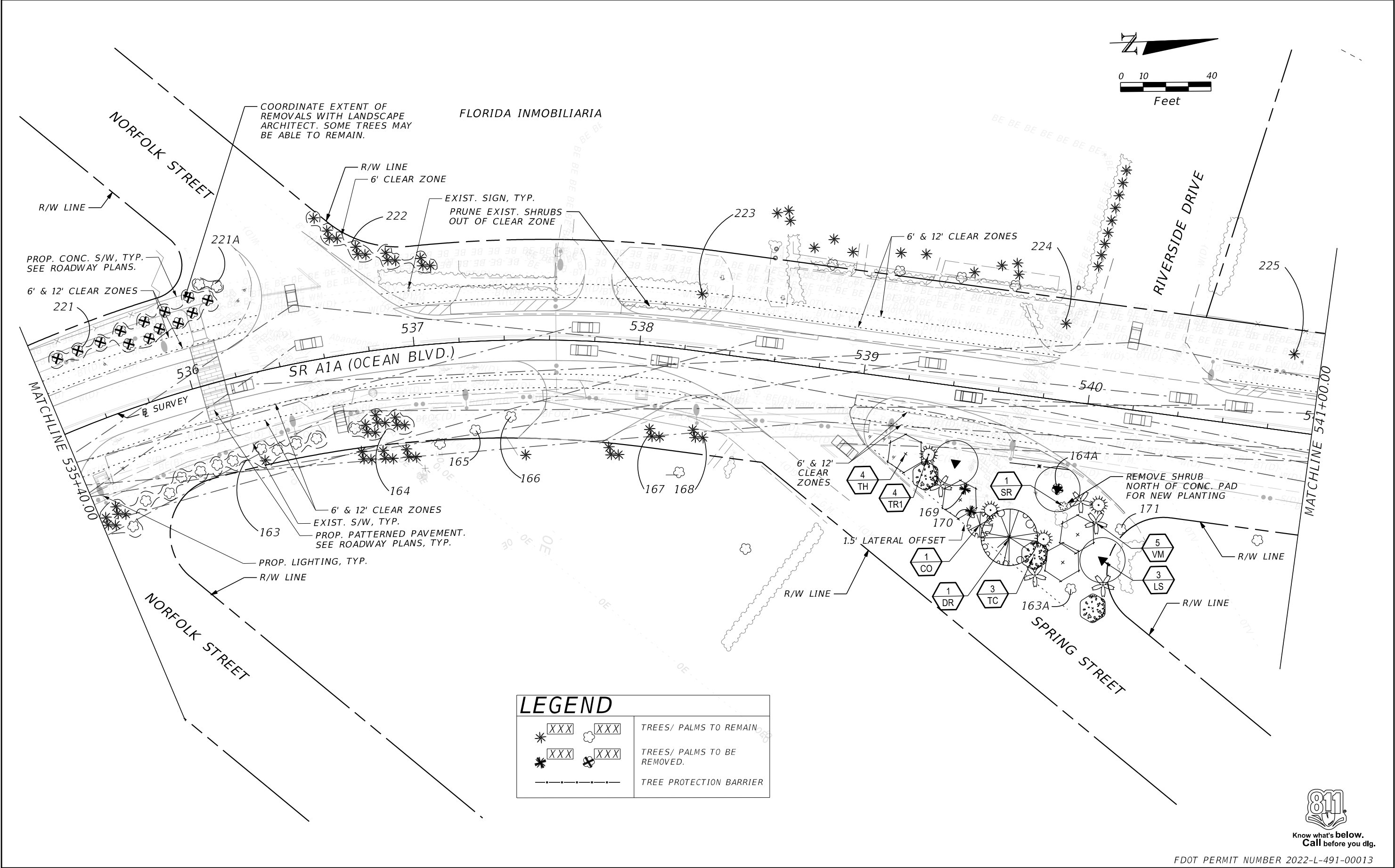
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		TREE PROTECTION BARRIER



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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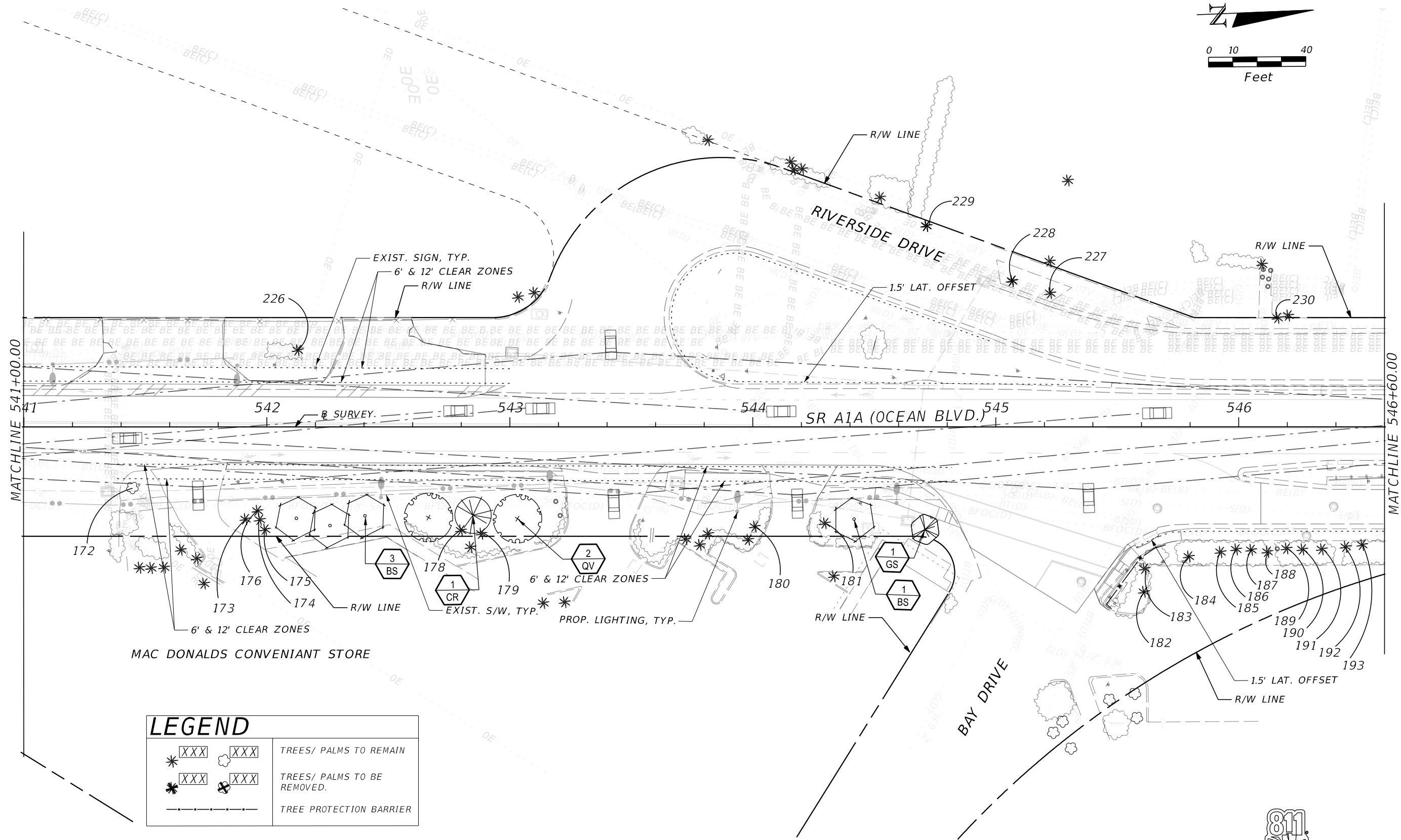
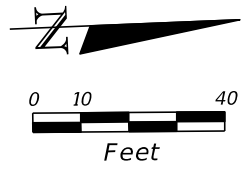
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LEGEND			
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		TREES/ PALMS TO BE REMOVED.	
		TREE PROTECTION BARRIER	

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAHO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		LANDSCAPE PLAN	SHEET NO. LD-23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
					SR A1A	BROWARD	FINANCIAL PROJECT ID N/A	

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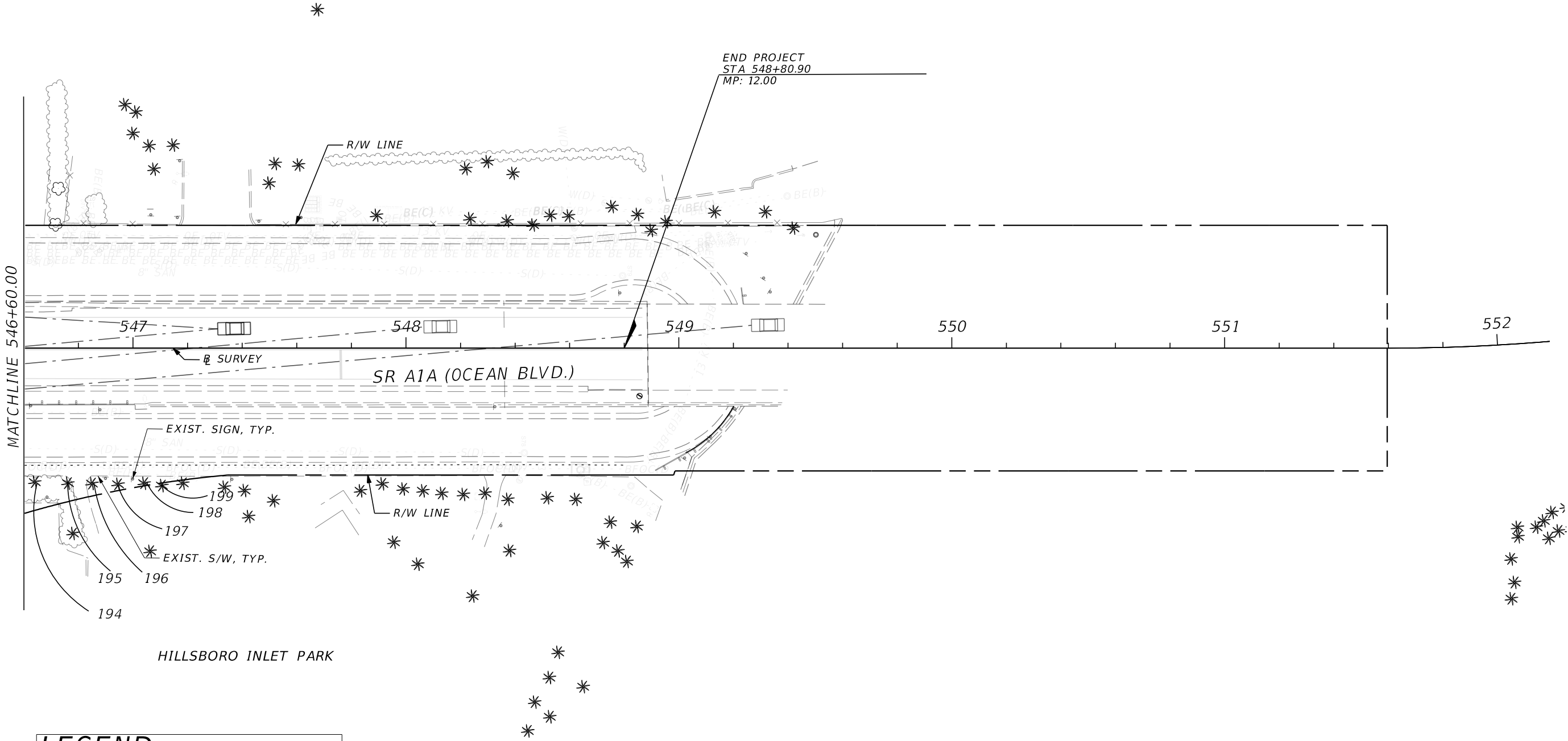
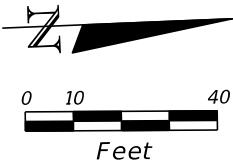
TREES/ PALMS TO BE REMOVED.

TREE PROTECTION BARRIER

FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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TREES/ PALMS TO REMAIN

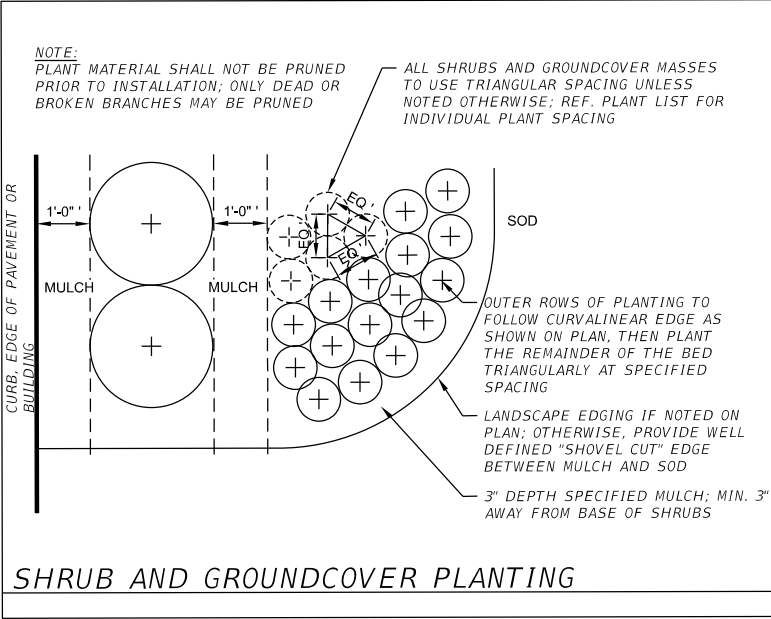
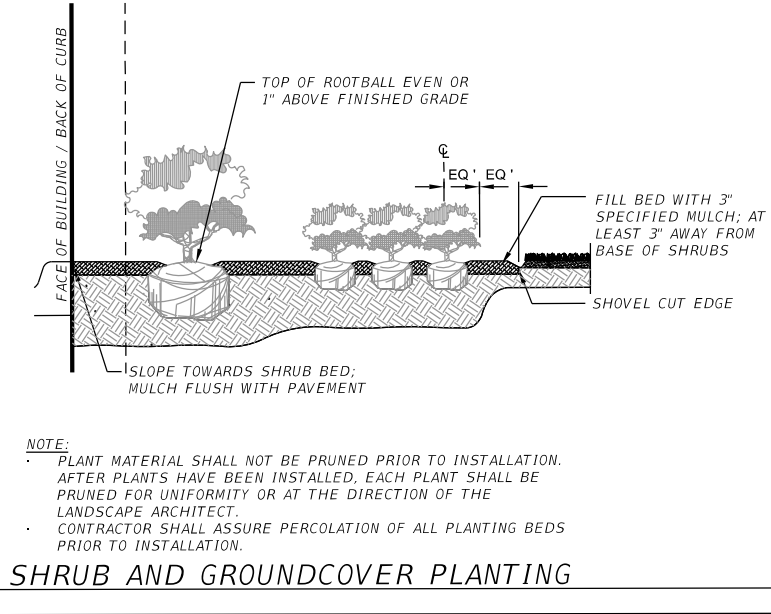
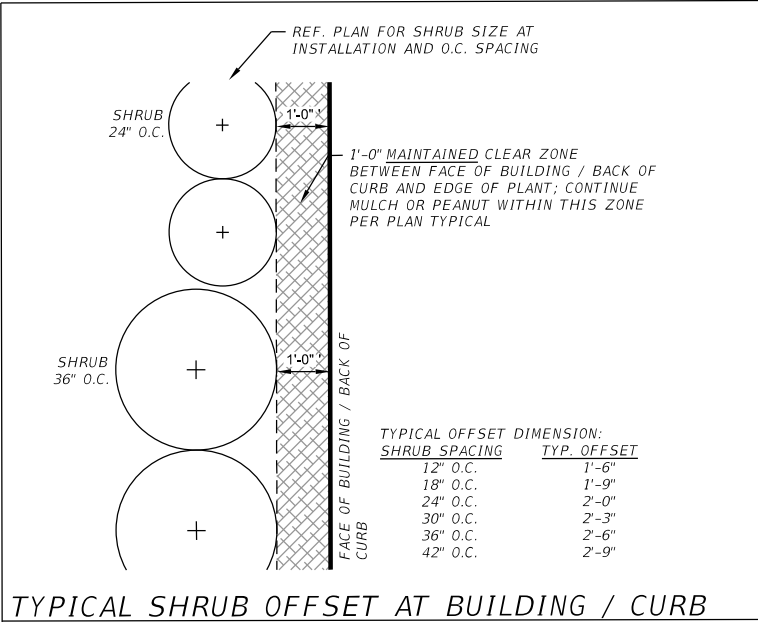
TREES/ PALMS TO BE REMOVED.

TREE PROTECTION BARRIER



FDOT PERMIT NUMBER 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO. LD-25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		



LANDSCAPE NOTES

- A. SCOPE
- THE LOCATION OF PLANTS, AS SHOWN ON THE PLANS, IS APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS, TO COMPLY WITH SAFETY SETBACK CRITERIA, TO AVOID CREATING UNSAFE SIGHT CONDITIONS, OR AS OTHERWISE DIRECTED OR APPROVED BY THE LANDSCAPE ARCHITECT / OWNER IN WRITING. ALL OTHER LOCATION ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED IN ADVANCE IN WRITING BY THE LANDSCAPE ARCHITECT AND OWNER.
 - CONTRACTOR UNDERSTANDS THAT AN IMPORTANT ELEMENT OF THE DESIGN OF THIS PROJECT IS MEETING LANDSCAPE ORDINANCES WITH A DESIGN FLARE THAT INCLUDES SYMMETRY, ALIGNMENT, FOCAL POINTS AND / OR SMOOTH CURVILINEAR FORMS WHERE APPLIED AND CONTRACTOR SHALL FOLLOW AND INSTRUCT THE WORKING CREWS ACCORDINGLY. IN THE EVENT OF ANY DOUBT AS TO HOW TO EXECUTE THE PLANS, CONTRACTOR SHALL IMMEDIATELY CONSULT WITH ARCHITECT AND/OR OWNER.
 - LANDSCAPE CONTRACTOR SHALL FINE GRADE, PREPARE SITE AS OUTLINED IN THE FOLLOWING NOTES AND PER PLANS; FURNISH AND INSTALL ALL PLANTS, SHRUBS, TREES AND / OR PALMS MEETING MINIMUM REQUIREMENTS AND BRACE THEM PER DETAILS PROVIDED. FURNISH AND INSTALL SOIL, GRAVEL, BOULDERS, SOD AND MULCH AS SPECIFIED IN PLANS AND NOTES BELOW.
 - LANDSCAPE CONTRACTOR SHALL FURNISH ALL MATERIALS NECESSARY TO INSTALL AND MAINTAIN ALL MATERIALS PER CONTRACT.
- B. BIDDING
- CONTRACTOR TO HAVE LIABILITY INSURANCE INCLUDING OWNER AND LANDSCAPER AS INSURED'S IN EXCESS OF \$10,000 AS WELL AS WORKER'S COMPENSATION.
 - CONTRACTORS AND SUBS MUST ENSURE THEY ARE DOING TAKE OFFS FROM BLDG DEP. REVISED SETS AND / OR BID SET DOCUMENTS. VERIFY WITH THIS OFFICE THAT YOU ARE BIDDING FROM LATEST AVAILABLE PLANS.
 - READ ALL NOTES AND TYPICAL PLANTING DETAILS SHEETS PRIOR TO SUBMITTING RFIS AND PRIOR TO BIDDING.
 - WHEN SUBMITTING AN RFI REFERENCE SHEET NUMBER, DETAIL NUMBER AND/OR NOTE CATEGORY AND NUMBER.
 - LANDSCAPE CONTRACTOR SHALL VERIFY ALL ESTIMATED QUANTITIES OF MATERIAL SHOWN ON THE DRAWINGS PRIOR TO SUBMITTING THEIR BID. PLANT LIST PRICING (IF SHOWN) IS FOR PERMITTING / MITIGATION COMPARISON PURPOSES ONLY, ANY PRICES SHOWN ARE TO BE DISREGARDED BY LANDSCAPE CONTRACTOR.
 - ALL PLANT MATERIAL SHALL MEET OR EXCEED HEIGHT AND SPREAD REQUIREMENT. HEIGHTS ARE LOCAL CODE REQUIREMENT AND / OR DESIGN INTENT RELATED AND ALWAYS GOVERNS OVER CONTAINER SIZE. CONTAINER SIZE GIVEN FOR REFERENCE ONLY AND MUST BE SIZED-UP TO MEET HEIGHT REQUIREMENTS OF PLANT LIST. PLANT MATERIAL AVAILABLE WITH EXCESSIVE HEIGHT BEYOND SPECIFICATIONS MUST BE CONSULTED WITH LANDSCAPE ARCHITECT FOR DESIGN INTENT.
 - ALL LANDSCAPE MATERIAL WAS CONFIRMED TO BE AVAILABLE AT TIME OF DESIGN. CONTRACTOR UNDERSTANDS THAT SOME MATERIAL MAY NOT BE AVAILABLE LOCALLY, HOWEVER PLANT MATERIAL SUPPLY IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR THAT IS AWARDED THE CONTRACT AND HE/SHE SHALL TAKE STEPS TO ENSURE AVAILABILITY AT THE TIME OF INSTALLATION. BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT IF SPECIFIC MATERIAL IS NO LONGER AVAILABLE AT THE TIME OF BIDDING AND / OR PRIOR TO ACTUAL CONSTRUCTION. SUBSTITUTIONS MUST BE APPROVED PRIOR TO CONSTRUCTION.
 - PRE-INSPECTIONS OF SITE REQUIRED PRIOR TO BIDDING.
 - THE PLANT LIST IS INTENDED ONLY AS AN AID TO BIDDING. ANY DISCREPANCIES FOUND BETWEEN THE QUANTITIES ON THE PLAN AND THE QUANTITIES ON THE PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION.
 - ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO ENSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL FROM PLANT BEDS, IN ADDITION TO FINE GRADING AND MULCHING ALL PLANTBEDS AND INDIVIDUAL TREES SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK REPRESENTED IN THIS PLAN SET.
 - BID SHALL BE ITEMIZED FOR POSSIBLE VALUE ENGINEERING.
 - SOD AND ROCKS (IF SPECIFIED) SHALL BE ESTIMATED BY SCALING PLANS. INCLUDE PRICE PER SQUARE FOOT FOR SOD. ROCKS (INCLUDE PRICE PER TON). SMALL ROCKS AND GRAVEL BEDS SHALL HAVE LANDSCAPE FABRIC MATERIAL AND MINIMUM 4" DEPTH. BOULDERS TO BE BID BY UNIT.
 - ALL S.F. IF NOTED IS APPROXIMATE AND SHALL NOT BE CONSIDERED ALL INCLUSIVE; IT IS THE CONTRACTOR'S RESPONSIBILITY TO DO HIS OR HER TAKE OFF, SUBMIT PRICE PER S.F. AND IN THE END, SOD ALL AREAS THAT ARE NOT COVERED EITHER BY PLANTS, MULCH AND/OR ROCKS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE IN THE BID, THE REPAIR OF ANY EXISTING SOD WHICH MAY BE DAMAGED DURING CONSTRUCTION.
 - FINAL PAYMENT TO THE CONTRACTOR SHALL BE FOR ACTUAL PLANTS INSTALLED ON THE PROJECT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR COSTS OF ALL PERMITS DESCRIBED IN BID WHETHER PERMIT COSTS ARE REIMBURSABLE BY OWNER OR INCLUDED IN BID. RESEARCH PERMIT STATUS AND RESEARCH ALL PERMITS AND ADDITIONAL DOCUMENTATION AND CERTIFICATIONS REQUIRED SUCH AS SEPARATE TREE REMOVAL PERMIT FOR EXAMPLE, AND CONSIDER PRIOR TO BIDDING.
 - GENERAL / LANDSCAPE CONTRACTOR SHALL LEAVE A 5% UNFORESEEN CONDITIONS ALLOWANCE SUCH AS FOR ADDITIONAL ROOT BARRIERS DETERMINED TO BE NEEDED ON SITE AND AS JOB PROGRESSES.
 - REFER TO SECTION T, WATERING, FOR SUPPLEMENTAL WATERING REQUIREMENT.
 - LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO BIDDING AND WITHIN 7 CALENDAR DAYS OF RECEIPT OF THESE PLANS SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF ANY AND ALL DISCREPANCIES. IN CASE OF DISCREPANCIES, PLANTING PLANS SHALL TAKE PRECEDENCE OVER PLANT LIST. NO SUBSTITUTIONS ARE TO BE MADE WITHOUT PRIOR CONSENT OF THE LANDSCAPE ARCHITECT.

FDOT Permit Number 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE NOTES AND DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-26
					SR A1A	BROWARD	N/A		

LANDSCAPE NOTES

- C. GENERAL LANDSCAPE NOTES
1. PLANTS GROWN IN CONTAINERS PRIOR TO INSTALLATION SHALL BE REMOVED FROM THEIR CONTAINERS BEFORE THEY ARE PLANTED IN THE GROUND AND HAVE CIRCLING ROOTS REMOVED. ALL SCREENING SHRUBS SHALL BE PLANTED FOR PROPER OPERATION OF EQUIPMENT BEING SCREENED AND/OR PER THE REQUIREMENTS OF THE UTILITY AS NECESSARY. ALL HEDGE MATERIAL REQUIRED FOR SCREENING PURPOSES SHALL BE PLANTED WITH BRANCHES TOUCHING. ADJUST SPACING AS NECESSARY AND/OR PROVIDE ADDITIONAL PLANTS TO PROVIDE AN ADEQUATE SCREEN AS REQUIRED BY CODE. LEAVE ACCESS TO UTILITY OR CLEARANCE AS REQUIRED.
 2. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES. CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS PERTAINING TO THE INSPECTION FOR PLANT DISEASE AND INSECT INFESTATION.
 3. ALL IDEAS, DESIGNS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE EXCLUSIVE PROPERTY OF KEITH AND ASSOCIATES AND MAY NOT BE DUPLICATED WITHOUT AUTHORIZATION OR USED FOR OTHER PROJECTS THAN THE INTENDED.
 4. THE LANDSCAPE CONTRACTOR SHALL EXERCISE CAUTION TO PROTECT ANY EXISTING SOD, ELECTRICAL AND IRRIGATION. ANY DAMAGE TO THE SOD, ELECTRICAL OR IRRIGATION SHALL BE REPLACED OR REPAIRED TO THE ORIGINAL STATE BY THE LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 5. TREE, PALM, ACCENT SHRUBS AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT / OWNER PRIOR TO PLANTING. LANDSCAPE CONTRACTOR ACKNOWLEDGES THAT MATERIAL PLANTED WITHOUT APPROVAL OF LOCATION MAY BE SUBJECT TO RELOCATION BY LANDSCAPE ARCHITECT TO MAINTAIN DESIGN INTENT IF NOT FOLLOWED PROPERLY.
 6. ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION.
 7. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR SENDING PHOTOGRAPHS TO THE LANDSCAPE ARCHITECT TO PRE-APPROVE ALL TREES, PALMS, AND SHRUBS PRIOR TO DELIVERY TO PROJECT SITE.
 8. LANDSCAPE CONTRACTOR SHALL COORDINATE HIS OR HER WORK WITH THAT OF THE IRRIGATION, LANDSCAPE LIGHTING, AND HARDSCAPE CONTRACTOR IF DIFFERENT.
 9. THE LANDSCAPE CONTRACTOR SHALL TREAT PLANT AREAS WITH PRE-EMERGENCE HERBICIDE AFTER WEEDS AND GRASS HAVE BEEN REMOVED. LANDSCAPE CONTRACTOR SHALL WAIT 7 DAYS AFTER PRE-EMERGENCE TREATMENT PRIOR TO PLANTING.

- D. PERMITS & REGULATIONS
1. CONTRACTOR(S) MUST OBTAIN SEPARATE LANDSCAPE, IRRIGATION AND TREE RELOCATION/REMOVAL PERMITS FROM THE GOVERNING AUTHORITY PRIOR TO THE ISSUANCE OF THE FIRST BUILDING PERMIT FOR THE PROJECT.
 2. LANDSCAPE CONTRACTOR TO CALL THE LOCAL LANDSCAPE INSPECTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO INSTALLATION IF REQUIRED.
 3. ALL MANDATORY REQUIREMENTS BY LOCAL LANDSCAPE DEPARTMENTS AND THEIR INSPECTORS SHALL GOVERN AND LANDSCAPE CONTRACTOR COMMITS BY ACCEPTING CONTRACT TO COMPLY PROMPTLY FOR BUILDER/OWNER TO OBTAIN C.O..
 4. SIGHT DISTANCE CRITERIA D=415' PER FDM CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE UNDIVIDED, DESIGN SPEED - 35MPH.

- E. TREE REMOVAL
1. REMOVAL OF ANY TREES OR PALMS WILL REQUIRE A WRITTEN "TREE REMOVAL PERMIT" FROM THE LOCAL GOVERNING AGENCY PRIOR TO REMOVAL. NON-NATIVE TREES CLASSIFIED AS "PROHIBITED" TREES MAY BE EXEMPT FROM THE PERMIT IF LISTED AS CATEGORY 1 BY FLORIDA EXOTIC PEST PLANT COUNCIL. CONFIRM WITH LOCAL MUNICIPALITY.
 2. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL INVASIVE NUISANCE TREES SUCH AS BRAZILIAN PEPPER, MELALEUCA, AUSTRALIAN PINE AND ALL INVASIVE TREES AS CATEGORIZED BY THE GOVERNING AGENCIES, WHETHER LISTED ON PLANS OR NOT.
 3. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR COORDINATING TREE AND PALM REMOVALS AND TRANSPLANTS SHOWN ON THE TREE/PALM DISPOSITION PLAN. THE LANDSCAPE CONTRACTOR IS TO REMOVE AND DISCARD FROM SITE EXISTING UNWANTED TREES, PALMS, SHRUBS, GROUND COVERS, SOD AND WEEDS WITHIN LANDSCAPE AREAS.

- F. EXISTING TREES
1. EXISTING TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING ALL CONSTRUCTION PHASES. ANY TREES OR SHRUBS DESIGNATED TO REMAIN THAT ARE SCARRED OR DESTROYED WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE, PER THE APPRAISED VALUE.
 2. EXISTING PLANT MATERIAL NOT SHOWN ON THE PLAN AND IN CONFLICT WITH NEW PLANTING SHALL BE EVALUATED AT THE TIME OF NEW PLANTING INSTALLATION BY THE LANDSCAPE ARCHITECT. TREES AND PLANT MATERIAL INDICATED TO BE RELOCATED WITH NO NEW LOCATION PROVIDED IN PLANS SHALL BE MOVED TO A LOCATION ON SITE DESIGNATED AS A NURSERY HOLDING AREA WITH THE ROOT BALL PROTECTED FROM DIRECT SUNLIGHT, MAINTAINED AND IRRIGATED UNTIL NEW LOCATION IS DETERMINED.
 3. PRUNE TREES TO REMOVE DAMAGED BRANCHES AND IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER.
 4. PRUNE EXISTING SHRUBS TO REMOVE DAMAGED BRANCHES AND IMPROVE NATURAL SHAPE.
 5. EXISTING TREES TO REMAIN SHALL BE TRIMMED PER ANSI-A300 STANDARDS. SUPERVISION OF THE TRIMMING SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST TO ENSURE QUALITY WORK.
 6. ALL EXISTING TREES SHALL BE "LIFTED AND THINNED" TO PROVIDE AN 8' MINIMUM CLEARANCE FOR SIDEWALKS AND PEDESTRIAN WALKWAYS AND A 14' MINIMUM CLEARANCE FOR ROADWAYS, DRIVEWAYS AND ALL VEHICULAR USE AREAS.
 7. SELECTIVE CANOPY AND ROOT PRUNING OF EXISTING TREES CAN BE CONDUCTED (ONLY AS NECESSARY AND IN NO EVENT MORE THAN 35%) TO ACCOMODATE FOR APPROVED CONSTRUCTION. PRUNING SHALL BE CONDUCTED/SUPERVISED BY AN ISA ABORIST.
 8. IF PLANS CALL FOR RELOCATION OF TREES, PALMS OR PLANTS. HIGH LEVEL OF CARE SHOULD BE EXERCISED TO ASSURE THAT THEY ARE NOT DAMAGED IN THE PROCESS AND THAT THEY ARE PROMPTLY REPLANTED UPON BEING DUG UP.
 9. ALL UNDERGROUND UTILITIES AND DRAIN OR IRRIGATION LINES SHALL BE ROUTED OUTSIDE THE TREE PROTECTION ZONE. IF LINES MUST TRAVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
 10. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
 11. ROOTS SHALL BE CUT MANUALLY BY DIGGING A TRENCH AND CUTTING EXPOSED ROOTS WITH A SAW, VIBRATING KNIFE, ROCK SAW, NARROW TRENCHER WITH SHARP BLADES, OR OTHER APPROVED ROOT PRUNING EQUIPMENT.

- G. SITE PREPARATION & GRADING
1. LANDSCAPE CONTRACTOR SHALL LOOSEN AND TILL COMPACTED SOILS THAT ARE OVERLY COMPACTED IN ALL PLANTING AREAS OF THE PROJECT TO PROVIDE FOR PROPER SOIL AERATION FOR PLANT ESTABLISHMENT.
 2. PLANTED AREAS SHALL BE CLEARED OF UNDERGROUND ROCKS, CONSTRUCTION DEBRIS AND OTHER MATERIALS DETRIMENTAL TO THE HEALTH OF THE PLANTS. LIME ROCK BASE MATERIAL SHALL BE REMOVED WITHIN PLANTING PITS AND ADJACENT TO PAVEMENT. THE PLANTING AREAS SHOULD BE CLEAN TO A DEPTH EQUAL TO THE ROOT BALL OF THE TREES/PALMS PROPOSED FOR THE AREA. PLANTING AREA SOILS SHALL BE TESTED FOR PH BEFORE PLANTING. SOILS SHOWING HIGH (ALKALINE) PH (OVER 7.5) SHALL BE AMENDED OR REPLACED WITH NATIVE SOIL HAVING A PH RANGE OF 6.5 - 7.5, AS APPROVED BY LANDSCAPE ARCHITECT. IN THE EVENT THAT NATIVE SOILS ARE UNSUITABLE, REF. SECTION M, SOILS.
 3. ALL PLANTING AREAS AND PLANTING PITS SHALL BE TESTED FOR SUFFICIENT PERCOLATION PRIOR TO FINAL PLANTING AND IRRIGATION INSTALLATION TO ENSURE PROPER DRAINAGE. PLANT BEDS IN PARKING LOTS AND IN AREAS COMPACTED BY HEAVY EQUIPMENT SHALL BE DE-COMPACTED SO THAT DRAINAGE IS NOT IMPEDED.
 4. LANDSCAPE CONTRACTOR SHALL TREAT PLANT AREAS WITH PRE-EMERGENCE HERBICIDE AFTER WEEDS AND GRASS HAVE BEEN REMOVED. LANDSCAPE CONTRACTOR SHALL WAIT (7) SEVEN DAYS AFTER PRE-EMERGENCE TREATMENT PRIOR TO PLANTING.
 5. SITE PREPARATION SHALL INCLUDE THE ERADICATION AND REMOVAL OF ANY WEEDS, CLEAN-UP OF ANY DEAD MATERIAL, DEBRIS, AND RUBBISH.
 6. GENERAL SITE AND BERM GRADING TO +/- 1 INCH (1") SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. ALL FINISHED SITE GRADING SHALL BE PROVIDED BY THE LANDSCAPE CONTRACTOR. ALL PLANTING BEDS SHALL BE FREE OF ALL ROCKS 1/2" OR LARGER, STICKS, AND OBJECTIONABLE MATERIAL INCLUDING WEEDS AND WEED SEEDS. ALL LIME ROCK SHALL BE REMOVED/CLEANED DOWN TO THE NATIVE SOILS.
 7. THE LANDSCAPE CONTRACTOR SHALL ENSURE THE PLANTING AREAS ARE AT FINISH GRADE PRIOR TO INSTALLING PLANT MATERIALS.
 8. ALL TREES AND PLANT MATERIAL TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL INSTALL PROTECTIVE BARRIERS SUCH AS "TENAX" ORANGE SAFETY FENCING OR SIMILAR, TO BE INSTALLED BEFORE THE BEGINNING OF THE PROJECT. REF. TREE PROTECTION DETAIL FOR ADDITIONAL INFORMATION. BARRIERS SHALL BE LOCATED TO INCLUDE THE DRIP LINE OF THE TREES, PALMS AND PLANT MATERIAL. THE CONTRACTOR SHALL TAKE EXTRA CAUTION TO PREVENT ANY DAMAGE TO THE TRUNK, ROOT ZONES AND GRADE.
 9. FINAL GRADE WITHIN PLANTING AREAS TO BE 4" BELOW ADJACENT PAVED AREAS OR TOP OF CURB. SOD AREAS TO BE 2" BELOW.
 10. ALL PLANTING BEDS SHALL BE SHAPED AND SLOPED TO PROVIDE PROPER DRAINAGE AWAY FROM BUILDING AND STRUCTURES AND TO SWALES, IF APPLICABLE.

- H. IRRIGATION
1. ANY IRRIGATION NOTES AND SPECIFICATIONS INCLUDED IN IRRIGATION SHEETS GOVERN OVER THE FOLLOWING IRRIGATION NOTES.
 2. THE LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR IF NOT THE SAME AND LEAVE PROVISIONS FOR ALL INDIVIDUAL TREES IN TURF AREAS AND ALL PLANTING BEDS.
 3. IRRIGATION / LANDSCAPE CONTRACTOR TO GUARANTEE 100% COVERAGE AND 50% OVERLAP (HEAD TO HEAD COVERAGE) TO ALL LANDSCAPED AREAS AND FURNISH AND INSTALL A RAIN SENSOR.
 4. IRRIGATION CONTRACTOR TO ADAPT DESIGN TO ONSITE CONDITIONS ADJUSTING HEADS AND CHANGING NOZZLES AS REQUIRED TO AVOID OVERSPRAY ONTO BUILDINGS OR PAVED AREAS.
 5. THE CONTRACTOR SHALL ENSURE THAT THE IRRIGATION SYSTEM IS OPERATIONAL AND FREE OF LEAKS PRIOR TO ANY PLANTING BEING FINALIZED. PLANT MATERIAL THAT IS INSTALLED PRIOR TO THE IRRIGATION SYSTEM BEING OPERATIONAL SHALL BE WATERED BY THE CONTRACTOR AT HIS OR HER EXPENSE. WATER FOR PLANT ESTABLISHMENT SHOULD BE INCLUDED IN THE COST OF THE PLANT.
 6. ALL GUIDELINES AS OUTLINED BY THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) OR WATER MANAGEMENT DISTRICT WITH JURISDICTION SHALL BE STRICTLY ADHERED TO.
 7. ANY EXISTING IRRIGATION SYSTEM SHALL BE RETROFITTED TO COMPLY WITH THE SPECIFICATIONS AS OUTLINED ABOVE.

- I. HARDSCAPE & OTHER MATERIALS
1. FACE OF TREES AND PALMS TO BE LOCATED A MINIMUM OF 2' SETBACK FROM ALL FENCES, WALKWAYS, WALLS, AND PAVED SURFACES, UNLESS OTHERWISE INDICATED ON THE PLANS. REFER TO DETAILS.
- J. UTILITIES / CLEARANCES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF AND AVOID AND PROTECT UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES. THE OWNER OR LANDSCAPE ARCHITECT SHALL NOT BE RESPONSIBLE FOR DAMAGE TO UTILITY OR IRRIGATION LINES.
 2. TREES SHALL BE PLACED A MINIMUM OF 5 FT. FROM UNDERGROUND UTILITIES, UNLESS OTHERWISE APPROVED IN WRITING BY LANDSCAPE ARCHITECT AND OWNER.
 3. ALL CANOPY TREES TO BE PLANTED MIN. OF 15' FROM LIGHT SOURCE/POLES. UNLESS OTHERWISE APPROVED BY THE GOVERNING AUTHORITY / LANDSCAPE ARCHITECT AND OWNER.
 4. LANDSCAPE CONTRACTOR SHALL CONTACT THE COUNTY, GOVERNING AUTHORITY AND/OR UTILITY COMPANIES TO LOCATE ALL UNDERGROUND UTILITIES OR STRUCTURES PRIOR TO DIGGING. LANDSCAPE CONTRACTOR SHALL REPAIR ALL DAMAGE TO UNDERGROUND UTILITIES, AND/OR CONSTRUCTION CAUSED BY UTILITY DAMAGE, AT NO COST TO THE OWNER.
 5. ALL PLANT MATERIAL SYMBOLS SHOWN ON LANDSCAPE PLAN SHALL BE CONSIDERED DIAGRAMMATIC AND SHOULD BE ADJUSTED IN THE FIELD BY CONTRACTOR TO AVOID ALL UTILITIES, AND ALL OTHER OBSTRUCTIONS.
 6. IF/ WHEN DIGGING IN RIGHT OF WAY NEEDED: TWO (2) FULL BUSINESS DAYS BEFORE DIGGING, CALL TOLL FREE 1-800-432-4770, OR 811, SUNSHINE STATE ONE CALL OF FLORIDA, INC. NOTIFICATION CENTER. IN ADDITION, CALL THE GOVERNING AGENCY'S UTILITIES/PUBLIC WORKS DEPARTMENT. CONTRACTORS ARE RESPONSIBLE FOR COORDINATING WITH THE OWNERS AND APPROPRIATE PUBLIC AGENCIES TO ASSIST IN LOCATING AND VERIFYING ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION. ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE TO BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK OPERATIONS.

7. ABOVE AND BELOW GROUND UTILITIES SHALL BE VERIFIED AND LOCATED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCING WORK IN THE PROJECT AREA. THE CONTRACTOR SHALL EXAMINE AVAILABLE UTILITY PLANS AND CONFIRM CONFLICTS BETWEEN INDICATED OR LOCATED UTILITIES AND LANDSCAPE WORK. THE CONTRACTOR SHALL THEN NOTIFY THE PROJECT ENGINEER OF SAID CONFLICTS AND THE ENGINEER WILL COORDINATE ANY NECESSARY ADJUSTMENTS WITH THE UTILITY PROVIDER. TREE LOCATIONS WILL BE ADJUSTED AS NECESSARY WHEN IN CONFLICT WITH EXISTING UTILITIES.
8. THE FINAL PLANT LOCATIONS MAY BE ADJUSTED, AS APPROVED / DIRECTED BY THE LANDSCAPE ARCHITECT IN WRITING, TO ACCOMMODATE UTILITIES COMPLIANCE. EXCAVATIONS WITHIN 5' OF KNOWN UTILITIES SHOULD BE DONE BY HAND.
9. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF AND AVOID AND PROTECT UTILITY LINES, BURIED CABLES, AND ALL OTHER UTILITIES, NOTED OR NOT, ON PLANS.
10. LEAVE CLEARANCE AND ACCESS TO ALL ABOVE GROUND OR AT GRADE METERS AND EQUIPMENT.
11. LANDSCAPE PLANTING SHALL BE IN CONFORMANCE WITH FPL GUIDELINES FOR SETBACKS FROM OVERHEAD UTILITY LINES.
12. LANDSCAPING SHALL NOT INTERFERE WITH LIGHT POLES, FIRE HYDRANTS, ELECTRICAL/MECHANICAL EQUIPMENT ACCESS, SIGNS, DRAINAGE STRUCTURES, ETC. BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT ANY CONFLICTS.

- K. SOILS
1. ALL BUILDING CONSTRUCTION MATERIAL AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE PLANTING AREAS AND REPLACED WITH 60/40 MIX (60% SAND / 40% ORGANIC COMPOST) OR AMEND EXISTING SOILS PER SECTION H.2.
 2. PLANTING SOIL MIX SHALL BE DELIVERED TO THE SITE IN A CLEAN LOOSE AND FRIABLE CONDITION AND IS REQUIRED AROUND THE ROOT BALL OF ALL TREES AND SHRUBS , THE TOP 6" OF ALL SHRUBS AND GROUND COVER BEDS AND TOP 2" OF ALL GRASSED AREAS. THIS SOIL SHALL BE TILLED INTO THE EXISTING SOIL AFTER THE EXISTING SOIL HAS BEEN CLEANED OF ALL UNDESIRABLE FOREIGN MATERIALS. RECYCLED COMPOST IS ENCOURAGED AS A SOIL AMENDMENT ALTERNATIVE. PLANTING SOIL TO BE WEED FREE.
 3. PLANTING BACKFILL FOR PALMS SHALL BE CLEAN, COARSE NATIVE SAND UNLESS SPECIFIED OTHERWISE.
 4. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE WATERED-IN UTILIZING WATER PROBE OR A TREE BAR.

- L. PLANT SIZE & QUALITY
1. ALL PLANT MATERIAL MUST MEET OR EXCEED THE MINIMUM SIZE REQUIREMENTS AS SPECIFIED ON THE PLANT LIST. HEIGHT SPECIFICATION GOVERNS OVER CONTAINER SIZE IF BOTH SPECIFICATIONS GIVEN CANNOT BE MET. ANY OTHER REQUIREMENTS FOR SPECIFIC SHAPE OR EFFECT AS NOTED ON THE PLAN SHALL ALSO BE REQUIRED FOR ACCEPTANCE.
 2. MATERIAL SPECIFIED AS BALLED AND BURLAPPED (B&B) CAN BE ACCEPTED IN CONTAINER IF NOT AVAILABLE AS B&B AT THE DISCRETION OF LANDSCAPE ARCHITECT; IF SO, ROOT BOUND AND/OR CIRCLING ROOTS SHALL BE REMOVED AND ROOT BALL MUST BE PROPORTIONATE TO TREE / PALM.
 3. UNLESS NOTED OTHERWISE, ALL TREES DESIGNATED AS SINGLE TRUNK SHALL HAVE A SINGLE, RELATIVELY STRAIGHT, DOMINANT LEADER, PROPER STRUCTURAL BRANCHING AND EVEN BRANCH DISTRIBUTION. TRUNKS ON PALMS SHALL BE UNIFORM IN THICKNESS FOR THE ENTIRE LENGTH OF THE PALM AND SHALL NOT TAPER OFF TO DISPROPORTIONATE THINNNESS TOWARDS THE CROWN. TREES WITH BARK INCLUSION, TIPPED BRANCHES, AND CO-DOMINANT TRUNKS WILL NOT BE ACCEPTED. TREES WITH GIRDLING, CIRCLING AND/OR PLUNGING ROOTS WILL BE REJECTED.
 4. USE NURSERY GROWN PLANT MATERIALS THAT COMPLIES WITH ALL REQUIRED INSPECTION, GRADING STANDARDS, AND PLANT REGULATIONS IN ACCORDANCE WITH THE LATEST EDITION OF FLORIDA DEPARTMENT OF AGRICULTURE, "GRADE & STANDARDS FOR NURSERY PLANTS".
 5. ALL TREES AND PALMS SHALL BE FREE OF OPEN WOUNDS AND UNSIGHTLY VISIBLE SCARS.
 6. ALL SUBSTITUTIONS MUST BE APPROVED BY THE GOVERNING AUTHORITY IF IT IS REQUIRED CANOPY AND BY LANDSCAPE ARCHITECT / OWNER IF SUPPLEMENTARY ACCENT MATERIAL.
 7. CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS PERTAINING TO THE INSPECTION FOR PLANT DISEASE AND INSECT INFESTATION.
 8. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS 1 AND 2, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY AND TIGHTLY KNIT PLANT, SO TRAINED OR FAVORED IN ITS DEVELOPMENT THAT FIRST APPEARANCE IS UNQUESTIONABLE AND IT IS OUTSTANDINGLY SUPERIOR IN FORM, NUMBER OF BRANCHES, COMPACTNESS AND SYMMETRY. 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 AND PALMS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 9. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.
 10. FIELD GROWN TREES AND PALMS PREVIOUSLY ROOT PRUNED SHALL OBTAIN A ROOT BALL WITH SUFFICIENT ROOTS FOR CONTINUED GROWTH WITHOUT RESULTING SHOCK.
 11. ROOT SUCKERS ON ANY TREE ARE NOT ACCEPTABLE AND MUST BE PROPERLY PRUNED.
 12. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT AND OWNER TO OBTAIN PRIOR APPROVAL FOR THE SELECTION OF THE SPECIFIC SPECIMENS OF ALL PALMS AND ANY TREES OF MORE THAN SIX FEET IN HEIGHT. CONTRACTOR TO SUPPLY PHOTOGRAPH OF TREES PRIOR TO PURCHASE AND INSTALLATION.

FDOT Permit Number 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE NOTES AND DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-27
					SR A1A	BROWARD	N/A		

LANDSCAPE NOTES

M.ROOT BARRIERS

- 1.ROOT BARRIERS WILL BE INSTALLED TO PROTECT BUILDING FOUNDATIONS, CURBING, WALKWAYS, PAVED AREAS, ROADWAY BASE MATERIAL AND UTILITIES FROM EXISTING LARGE TREES OR PROPOSED NEW TREES THAT ARE WITHIN 5' OF EXISTING OR NEW APPROVED CONSTRUCTION OR AS MAY BE DEEMED NECESSARY AS JOB PROGRESSES.
- 2.MECHANICAL ROOT BARRIERS WILL BE USED FOR LARGE EXISTING CANOPY TREES AND CHEMICAL TYPE BARRIERS WILL BE USED FOR NEW TREES.
- 3.MECHANICAL ROOT BARRIERS WILL BE "DEEPROOT" AND CHEMICAL ROOT BARRIERS WILL BE "BIOBARRIER". SUBSTITUTIONS MUST BE OF APPROVED EQUAL OR BETTER QUALITY.
- 4.ROOT BARRIERS WILL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- 5.ROOT BARRIER DEPTH 5 WILL BE DETERMINED BY THE MANUFACTURER RECOMMENDED DEPTH CHART AND AS REQUIRED BY ON-SITE CONDITIONS IN A CASE BY CASE BASIS AS DEEMED NECESSARY BY LANDSCAPE ARCHITECT ARCHITECT / ISA ARBORIST AND LANDSCAPE INSPECTOR.

N.PLANTING NOTES

- 1.AT THE DISCRETION OF THE LANDSCAPE ARCHITECT, PLANTS ARE SUBJECT TO REVIEW FOR APPROVAL FOR SIZE, VARIETY, CONDITION AND APPROPRIATENESS TO THE DESIGN INTENT.
- 2.ALL SYNTHETIC BURLAP, SYNTHETIC STRING OR CORDS, OR WIRE BASKETS SHALL BE REMOVED BEFORE ANY TREES ARE PLANTED. ALL SYNTHETIC TAPE (I.E. TAGGING TAPE, NURSERY TAPE) SHALL BE REMOVED FROM TRUNKS, BRANCHES, ETC. BEFORE INSPECTION. THE TOP 1/3 OF ANY NATURAL BURLAP SHALL BE REMOVED OR TUCKED INTO THE PLANTING HOLE BEFORE THE TREES ARE BACK FILLED.
- 3.ALL "GROUNDCOVER" REQUIRES 75% COVERAGE AND 100% WITHIN 3 MONTHS OF INSTALLATION. BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING IF THIS IS NOT ACHIEVABLE WITH THE DESIGN.
- 4.SET TREE NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING CONDITION WITH THE TOP OF THE ROOT BALL EVEN WITH, OR SLIGHTLY HIGHER (+/- 1') THAN THE FINISHED GRADE.
- 5.ALL TREES/PALMS SHALL BE PLANTED SO THE TOP OF THE ROOT BALL, ROOT FLAIR ARE SLIGHTLY ABOVE FINAL GRADE. SHRUB MATERIAL SHALL BE PLANTED SUCH THAT THE TOP OF THE PLANT BALL IS FLUSH WITH THE SURROUNDING GRADE.
- 6.ALL TREES AND PALMS SHALL BE BRACED / STAKED PER ACCEPTED STANDARDS BY THE FLORIDA NURSERY, GROWERS & LANDSCAPE ASSOCIATION (FNGLA). NAILING INTO TREES AND PALMS FOR ANY REASON IS PROHIBITED AND THE MATERIAL WILL BE REJECTED. PLEASE REFER TO THE PLANTING DETAILS.
- 7.ALL TREES, NEW OR RELOCATED, TO BE STAKED AND GUYED AS DETAILED.
- 8.LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN BEHIND WITH TRIANGULAR SPACING.
- 9.EXCAVATE PIT OR TRENCH TO 1-1/2 TIMES THE DIAMETER OF THE BALLS OR CONTAINERS OR 1' WIDER THAN THE SPREAD OF ROOTS AND 3" DEEPER THAN REQUIRED FOR POSITIONING AT PROPER HEIGHT . COMPACT A LAYER OF TOPSOIL IN BOTTOM BEFORE PLACING PLANTS. BACKFILL AROUND PLANTS WITH PLANTING MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH.
10. GROUNDCOVER AND SHRUBS TO BE SPACED IN A UNIFORM AND CONSISTENT PATTERN PER PLANTING DETAILS.
11. ALL MECHANICAL EQUIPMENT, IRRIGATION PUMPS, FPL TRANSFORMERS, POOL PUMPS, ETC. SHALL BE SCREENED ON A MINIMUM OF THREE SIDES BY LANDSCAPE SHRUBS.
12. CONTRACTOR SHALL NOT MARK OR SCAR TRUNKS IN ANY FASHION.
13. WHEN REQUESTED BY LANDSCAPE ARCHITECT, DEMONSTRATION OF HEALTHY ROOT SYSTEM IF NOT PREVIOUSLY APPROVED, CAN INCLUDE TREE REMOVAL AND RE-INSTALLATION FOR INSPECTION AT NO ADDITIONAL COST TO THE OWNER.
14. REMOVE REJECTED PLANT MATERIAL FROM THE SITE IMMEDIATELY AND REPLACE WITH ACCEPTABLE PLANTS.

O.FERTILIZATION

- 1.ALL FERTILIZATION SHALL COMPLY WITH STATE FERTILIZATION LAWS. FERTILIZATION SHALL BE AGRIFORM "20-10-5 PLUS MINORS" OR SIMILAR APPROVED SLOW-RELEASE TABLETS APPLIED PER MANUFACTURER SUGGESTED APPLICATION RATE CHART:

AGRIFORM® 21-GM TABLETS (SKU# 90026*; 500 TABLETS/CASE)							
NEW TREE / SHRUB CONTAINER SIZE							
	1 Gal	2 Gal	3 Gal	5 Gal	7 Gal	15 Gal	24" Box
Installation:	1	1 to 2	2 to 3	2 to 3	3 to 5	7 to 10	15 to 24

- PLACE PLANT IN THE HOLE AND BACKFILL TO HALFWAY POINT.
 - DO NOT PLACE TABLETS IN THE BOTTOM OF THE PLANTING HOLE.
 - PLACE AGRIFORM TABLETS IN THE HOLE ABOUT 1TO 2 INCHES AWAY FROM ROOT TIPS.
 - FINISH FILLING THE HOLE AROUND THE PLANT TO GRADE LEVEL.
- SCOTTS: 1-800-492-8255 OR VISIT WWW.SCOTTSPRO.COM

- P. SOD
1. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SODDED WITH ST. AUGUSTINE 'SEVILLE' UNLESS OTHERWISE NOTED. THESE DISTURBED AREAS SHALL HAVE PROPER IRRIGATION ESTABLISHED OR RE-ESTABLISHED IF THEY WERE DISRUPTED OR NON-FUNCTIONAL. LANDSCAPE CONTRACTOR TO SUPPLY AND INSTALL 2" SOIL LAYER 50/50 MIX BLANKET FOR ALL NEW SOD AREAS.
2. ALL OPEN AREAS NOT COVERED BY TREES, PALMS, SHRUBS, VINES, GROUND COVERS OR EXISTING SOD IN GOOD CONDITION TO REMAIN, SHALL RECEIVE STENOTAPHRUM SECUNDATUM, ST. AUGUSTINE 'SEVILLE' SOD, WHETHER LABELED ON THE PLANS OR NOT, UNLESS A DIFFERENT SPECIES IS INDICATED ON THE PLANTING PLAN. SOD SHALL BE STRONGLY ROOTED, FREE FROM WEED, FUNGUS, INSECTS AND DISEASE. CONTRACTOR SHALL BE PAID BY THE TOTAL SODDED AREA X THE UNIT PRICE SUBMITTED (FIELD VERIFIED).
3. SOD SHALL BE MACHINE STRIPPED NO MORE THAN 24 HOURS PRIOR TO LAYING.
4. LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED SOIL MIX INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE IMMEDIATELY STAKED AFTER PLANTING.

- Q. SUBMITTALS
1. SUBMIT 1 GALLON CONTAINER OF ALL PLANTING MEDIA FOR LANDSCAPE ARCHITECT REVIEW. SAMPLES TO INCLUDE SPECIFIED PLANTING MIX, TOPSOIL, CONTAINER PLANTING MIX (IF APPLICABLE) AND MULCH.
2. SUBMIT REPRESENTATIVE NURSERY PHOTOS OF ALL TREES AND PALMS FOR REVIEW PRIOR TO DELIVERY TO THE SITE. INCLUDE SCALE FOR HEIGHT.
3. SUBMIT REPRESENTATIVE NURSERY PHOTOS OF ALL SHRUB AND GROUNDCOVER MATERIAL FOR REVIEW PRIOR TO DELIVERY TO THE SITE.
- R. INSPECTION & ACCEPTANCE
1. NOTIFY THE GOVERNING AGENCY IF REQUIRED AND LANDSCAPE ARCHITECT OF COMMENCEMENT.
2. ONSITE PLANT DELIVERIES SHALL OCCUR ON MONDAY THROUGH FRIDAY ONLY UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT / OWNER. THE CONTRACTOR SHALL ENSURE THAT PLANT MATERIAL IS DELIVERED UNDAMAGED FROM TRANSPORTATION OR DIGGING OPERATIONS. THE LANDSCAPE ARCHITECT MAY REJECT MATERIAL THAT HAS BEEN DAMAGED OR RENDERED UNACCEPTABLE DUE TO RELOCATION OR TRANSPORTATION FROM THE POINT OF ORIGIN. ALL PLANT MATERIAL SHALL BE AVAILABLE FOR INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
3. THERE SHALL BE ONE FINAL INSPECTION FOR APPROVAL BY EACH OF THE PRESIDING GOVERNING AGENCY, LANDSCAPE ARCHITECT AND OWNER. CONTRACTOR SHALL ENSURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL ITEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION.
4. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE PROMPTLY CORRECTED BY THE LANDSCAPE CONTRACTOR.
5. NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT AND OWNER.
6. TO OBTAIN FINAL PAYMENT, CONTRACTOR MUST PROVIDE RELEASE OF ALL MECHANIC'S LIENS AND MATERIAL LIENS.
- S. MULCH
1. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 3" WITH AN ORGANIC MULCH APPROVED BY LANDSCAPE ARCHITECT. NO HEAVY METALS, SUCH AS ARSENIC, ETC. ARE TO BE CONTAINED IN THE MULCH. THE CONTRACTOR SHALL PROVIDE CERTIFICATION IF REQUESTED OR PROOF THAT ALL MULCH IS FREE OF HEAVY METALS OR SIMILAR ENVIRONMENTAL CONTAMINANTS.
2. SHREDDED APPROVED ORGANIC MULCH TO BE USED BEYOND TRUNK IN ALL DIRECTIONS AND THROUGHOUT ALL HEDGES AND PLANT MATERIAL.
3. ALL TREES IN SODDED AREAS SHALL HAVE A CLEAN CUT 4' DIAMETER MULCH RING.
4. PREFERRED MULCH IS SHREDDED MELALEUCA, CYPRESS, RED, GOLD AND GREEN MULCH IS PROHIBITED.
5. ALL MULCH SHALL HAVE A MINIMUM 3" SEPARATION FROM THE TRUNK OF THE TREE/PALM TRUNK TO AVOID ROTTING.
- T. WATERING
1. ALL PLANT MATERIAL SHALL BE WATERED IN THOROUGHLY AT THE TIME OF PLANTING.
2. IT IS THE SOLE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO ENSURE THAT ALL NEW PLANTINGS RECEIVE ADEQUATE WATER DURING THE INSTALLATION AND UNTIL COMPLETION OF CONTRACT. DEEP WATERING OF ALL NEW TREES AND PALMS AND ANY SUPPLEMENTAL WATERING THAT MAY BE REQUIRED TO AUGMENT NATURAL RAINFALL AND SITE IRRIGATION IS MANDATORY TO ENSURE PROPER PLANT ESTABLISHMENT AND DEVELOPMENT AND SHALL BE PROVIDED BY CONTRACTOR AS A PART OF THIS CONTRACT.
- U. CLEAN UP
1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL LANDSCAPE PLANTING AREAS UNTIL FINAL ACCEPTANCE OF THE OWNER.
2. THE CONTRACTOR IS RESPONSIBLE FOR MOWING THE ENTIRE PROJECT DURING PLANTING AND ESTABLISHMENT PERIODS, BASED ON MOWING PROJECT ONCE A MONTH FROM OCTOBER TO APRIL, AND TWICE A MONTH FROM APRIL TO OCTOBER (DURING INSTALLATION AND PLANT ESTABLISHMENT ONLY AND UNTIL FINAL INSPECTION AND OWNER ACCEPTS AND TAKES OWNERSHIP).
3. ANY EXCESS SOIL, UNDESIRED STONES OR DEBRIS RESULTING FROM LANDSCAPE OPERATIONS SHALL BE REMOVED PROMPTLY, KEEPING THE SITE CLEAN AS WORK PROGRESSES.
4. THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL OR DEBRIS CAUSED BY THEIR CREWS DURING THE PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS, AND ALL EQUIPMENT FROM THE PROJECT SITE.
- V. MAINTENANCE
1. LANDSCAPE CONTRACTOR TO RETURN TO JOB SITE 12 MONTHS AFTER TREE BRACING AND REMOVE ALL TREE BRACES. OWNER MAY CHOOSE TO RETAIN 5% OF PAYMENT TO ENSURE COMPLIANCE.
2. THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED.
3. TREES AND SHRUBS SHALL BE MAINTAINED TO KEEP CLEARANCE OF STOP SIGNS AND SAFETY CLEARANCE FOR VISIBILITY AT TRAFFIC INTERSECTION.

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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAÑO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE NOTES AND DETAILS		SHEET NO.
DATE	DESCRIPTION		DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					SR A1A	BROWARD	N/A			LD-28

LANDSCAPE NOTES

- X. GUARANTEE & REPLACEMENT
1. BY ACCEPTING THE CONTRACT, THE CONTRACTOR IS THEREBY GUARANTEEING ALL PLANT MATERIALS AND DESIGN FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE TIME OF FINAL ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL REPLACE ANY PLANTS WHICH DIE OR WITHER WITHIN SUCH PERIOD WITH HEALTHY PLANTS THAT MEET SPECIFICATIONS OF THE SAME SPECIES AND SIZE WITHOUT ADDITIONAL COST TO THE OWNER UNLESS SUCH DEATH OR WITHERING IS DUE TO OWNER'S FAILURE TO DO ORDINARY MAINTENANCE ON SUCH PLANTS AFTER FINAL ACCEPTANCE IN ACCORDANCE WITH ANY MAINTENANCE INSTRUCTIONS GIVEN BY LANDSCAPE ARCHITECT FOR SUCH PLANTS. SUCH REPLACEMENT SHALL INCLUDE ALL PLANTS AND LABOR TO PLANT THE REPLACEMENT PLANTS. ANY PLANT MATERIALS DAMAGED BY LIGHTNING, STORMS, FREEZE DAMAGE OR OTHER AS WELL PLANTS DAMAGED BY VEHICLES, VANDALISM OR NEGLECT ARE NOT INCLUDED IN THIS REPLACEMENT AGREEMENT. IF REQUESTED, THE LANDSCAPE ARCHITECT MAY ACT AS A MEDIATOR BETWEEN OWNER AND LANDSCAPE CONTRACTOR ON A TIME MATERIAL BASIS. "PLANTS" INCLUDES ALL TREES, PALMS, SHRUBS, GRASS AND OTHER PLANTS PROVIDED OR PLANTED BY CONTRACTOR.
- Y. MISCELLANEOUS.
1. ALL WORK TO BE DONE IN A PROFESSIONAL MANNER.
2. NO CHANGE ORDER SHALL BE VALID, DUE OR PAID UNLESS IT IS APPROVED BY OWNER IN WRITING IN ADVANCE.
3. THESE NOTES SHALL BE AN INTEGRAL PART OF THE CONTRACT OF CONTRACTOR AND SHALL BE DEEMED INCORPORATED THEREIN BY REFERENCE. IN THE EVENT OF A CONFLICT AMONG THE TERMS AMONG THE PLANS AND THESE NOTES, THE TERMS OF THIS DOCUMENT SHALL CONTROL.

- Y. ABBREVIATIONS IN NOTES AND PLANS
- U.N.O. = UNLESS OTHERWISE NOTED
L.A = LANDSCAPE ARCHITECT
S.F.= SQUARE FEET
STD = STANDARD (SINGLE TRUNK)

B&B = BALLED AND BURLAPPED
BLDG DEP = BUILDING DEPARTMENT
RFI = REQUEST FOR INFORMATION
FPL= FLORIDA POWER & LIGHT
C.O. = CERTIFICATE OF OCCUPANCY
ISA CA OR ISA ARBORIST = INTERNATIONAL SOCIETY OF ARBORICULTURE
CERTIFIED ARBORIST

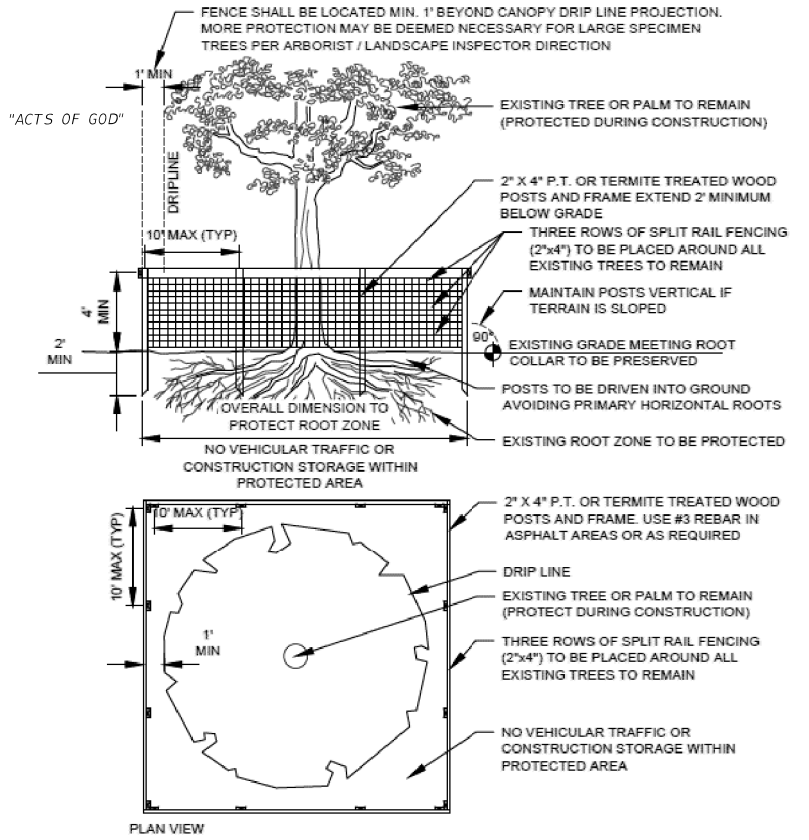
CITY OF POMPANO BEACH NOTES - THE FOLLOWING WILL SUPERCEDE ANY CONFLICTING NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATION ATTACHED TO THIS PLAN AND PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
2. PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE. A PRE-CONSTRUCTION MEETING WITH URBAN FORESTRY IS REQUIRED BEFORE ANY WORK IS PERFORMED ONSITE WHERE THERE IS TREE PROTECTION AND/OR PLANT MATERIAL IS INSTALLED ON SITE.
3. ALL ROAD ROCK, CONCRETE, ASPHALT, AND OTHER NON-NATURAL MATERIAL TO BE REMOVED AND REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
4. NO TRENCHING ALLOWED WITHIN ROOT ZONES OF EXISTING TREES.
5. ALL CATEGORY 1 INVASIVE/EXOTIC TREES TO BE REMOVED PER LOCAL ORDINANCE.
6. AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), THAT LANDSCAPING MATERIALS OTHER THAN SOD ARE NOT ALLOWED WITHIN (5") FIVE FEET OF ANY PORTION OF CITY OWNED UTILITIES WITHIN THE PUBLIC STREET RIGHT-OF-WAY INCLUDING METERS, HYDRANTS, SERVICE LINES ETC. ALSO, PLEASE NOTE THAT NO TREES, SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY-OWNED SEWER LATERAL CLEANOUT OR WATER &/OR REUSE METER. SHOW THE LOCATION OF ALL EXISTING CITY OWNED AND MAINTAINED POTABLE WATER MAINS AND SERVICES, SANITARY SEWER MAINS OR LATERALS AND STORM DRAINAGE LINES ON ALL THE PROPOSED LANDSCAPE PLANS. CONTACT THE ENGINEERING DIV. FOR UTILITY INFORMATION. ENGINEERING STANDARD STREET TREE DETAIL 316-1.
7. VISIBILITY AND UNOBSTRUCTED WORKING SPACE MUST BE MAINTAINED FROM FIRE APPARATUS ACCESS ROUTES TO FIRE PROTECTION AND LIFE SAFETY APPLIANCES/EQUIPMENT. THESE INCLUDE BUT NOT LIMITED TO FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS (FDC), POST INDICATING VALVES (PIV), FIRE SPRINKLER RISERS, FIRE ALARM CONTROL PANELS AND ELECTRICAL ROOM LOCATIONS REQUIRE A MINIMUM 36-INCH CLEARANCE PATH TO AND ON ALL SIDES. FIRE HYDRANTS REQUIRE 36-INCH CLEAR SPACE EACH SIDE AND REAR WITH A 60-INCH-WIDE CLEAR ACCESS FROM THE FIRE APPARATUS ACCESS TO FIRE HYDRANT. (NFPA 1-2018 CH. 18 SEC. 18.5.7) CANNOT BE BLOCKED BY PARKING SPACES.
8. ALL TREE WORK WILL REQUIRE PERMITTING BY A REGISTERED BROWARD COUNTY TREE TRIMMER.

FDOT NOTES - THE FOLLOWING WILL SUPERCEDE ANY CONFLICTING NOTES:

- FDOT GENERAL NOTES
1. GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY 2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) are available at the following website: <https://www.fdot.gov/design/standardplans>
2. GOVERNING STANDARD SPECTIFICATIONS:
Florida Department of Transportation, January 2023 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fdot.gov/programmanagement/implemented/specbooks>
3. Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense.
4. Any plant material substitution within or impacting the FDOT Right of Way whether requested by the Contractor, Owner, Landscape Architect or other will need to get approval from the FDOT District Landscape Architect.
5. Patterned Pavement installation shall comply with current FDOT Standard Specification 523. Online Reference: <https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/specbooks>.
6. Ownership of all suitable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost & expense from the site to the Broward Operations Center or stockpiled in those areas as directed by the Department, including asphalt millings.

- FDOT PLANTING NOTES
1. For the portion of landscape plant material that will be installed within the FDOT Right of Way, landscape installation shall comply with current applicable FDOT Maintenance Specification 580. Online Reference: <https://www.fdot.gov/programmanagement/maintenance/2022jul/maintenance-specifications---july-2022>
2. For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 580-001 Landscape Installation.
Online Reference: <https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/design/standardplans/2023/idx/580-001.pdf>



01 TEMPORARY TREE PROTECTION

PLAN / SECTION NOT TO SCALE

3. It is recommended that you verify the existing soil conditions of medians to be planted prior to finalizing your construction documents. If the existing sub-grade is compacted road base, it is recommended that you specify replacement with planting soil, as follows:
- a. Contractor shall preserve a continuous band of undisturbed compacted sub-base 18" from the back of curb (See Detail below).
- b. Contractor shall insure that all unsuitable soil including concrete, pavement, road base, stones over 3"diameter and all construction debris, is removed from median area to be planted and replaced with specified planting soil, e.g. 60% sand and 40% muck.
- c. Areas to be planted with shrubs and/or ground covers: remove compacted soil to a depth of 12" and replace with specified planting soil. Planting soil shall come up to 4"from top of curb, reserving space for 3"compacted mulch and 1"clear from top of curb.
- d. Planting pits for trees and palms: remove compacted soil within the area of each planting pit to a depth of 24"from the top of curb. Planting soil shall come up to 4"from top of curb, reserving space for 3"compacted mulch, and 1" clear from top of curb.

4. Cypress Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soil Council (MSC). Submit proof of certification to the FDOT District Operations Permit Landscape Inspector upon inspection.
5. Sodded areas will be in accordance with Standard Plans Index 570-010 and Standard Specifications Sections 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one (1) week of installation of said permitted work.

IRRIGATION PLAN REQUIREMENTS PLAN SHEETS

1. Irrigation system water source must be shown on the irrigation plan.
2. Irrigation plans need to indicate water connection points and electrical connection for proposed controllers and pumps. FDOT must be provided 24-hour emergency access to the water source.
3. Verify that above-ground Irrigation items such as backflow preventers, pumps and controllers are not located within the Horizontal Clear Zone.
4. Show the proposed locations for sleeves to the median.

FDOT IRRIGATION NOTES

1. The irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system. Storm water, reclaim water, or grey water irrigation shall be used whenever possible.
2. FDOT requires 24-hour emergency access to water source.
3. Contractor shall provide FDOT District Operations Manager with a set of "As- Built"irrigation plans.
4. Sleeving must be 36"below the roadway. Verify with FDOT Maintenance that sleeving/directional bore is permitted at this time. A newly resurfaced road cannot be disturbed for 5 years.
5. Permittee's representative & an FDOT Inspector must be on site during all boring activities. Upon completion of the boring activities, Permittee shall provide all documentation to be in accordance with FDOT Standard Specifications, Section 555 or 556, whichever is applicable.
6. Permittee's contractors that are performing directional drilling and/or jack and bore activities shall provide the Department (Permits Office) proof of a proper state contractor's license and certificate of liability insurance prior to any commencement of permitted work.
7. Permittee will ensure that all locates have been performed prior to scheduling of any boring activities. This shall include soft digs to verify vertical & horizontal alignment.

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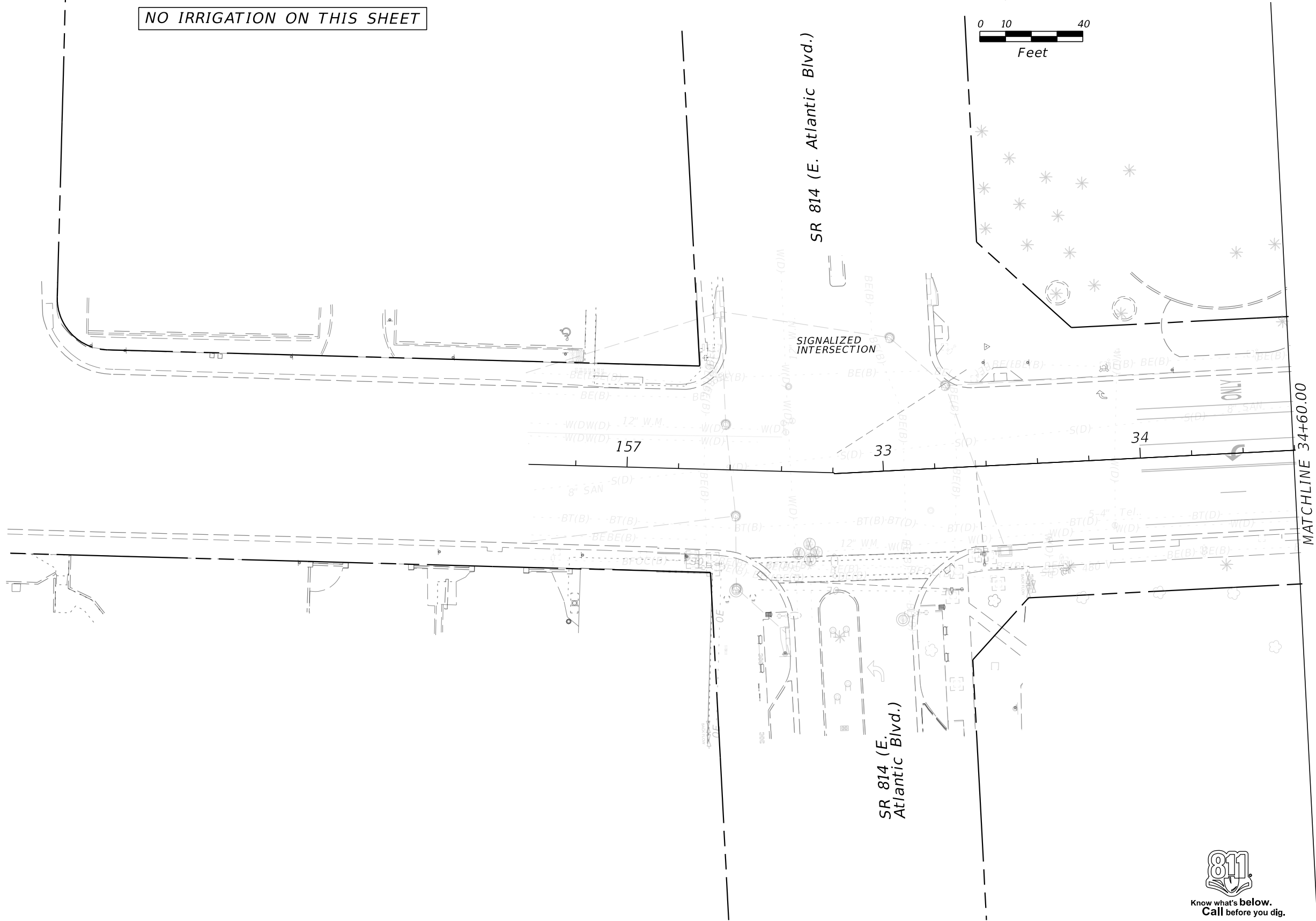
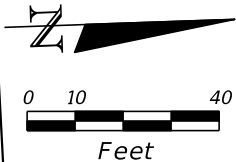
TREE LOCATIONS REQUIRED IN PUBLIC R/W ON UTILITY EASEMENTS

NOTES
PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION	REQUIRED TREE LOCATIONS	
BY	DATE			
		CITY OF POMPANO BEACH	APPROVED BY:	DATE: 2016 DWG. NO. 316-1
		SCALE: N.T.S.		

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE NOTES AND DETAILS	SHEET NO.
DATE	DESCRIPTION		DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-29

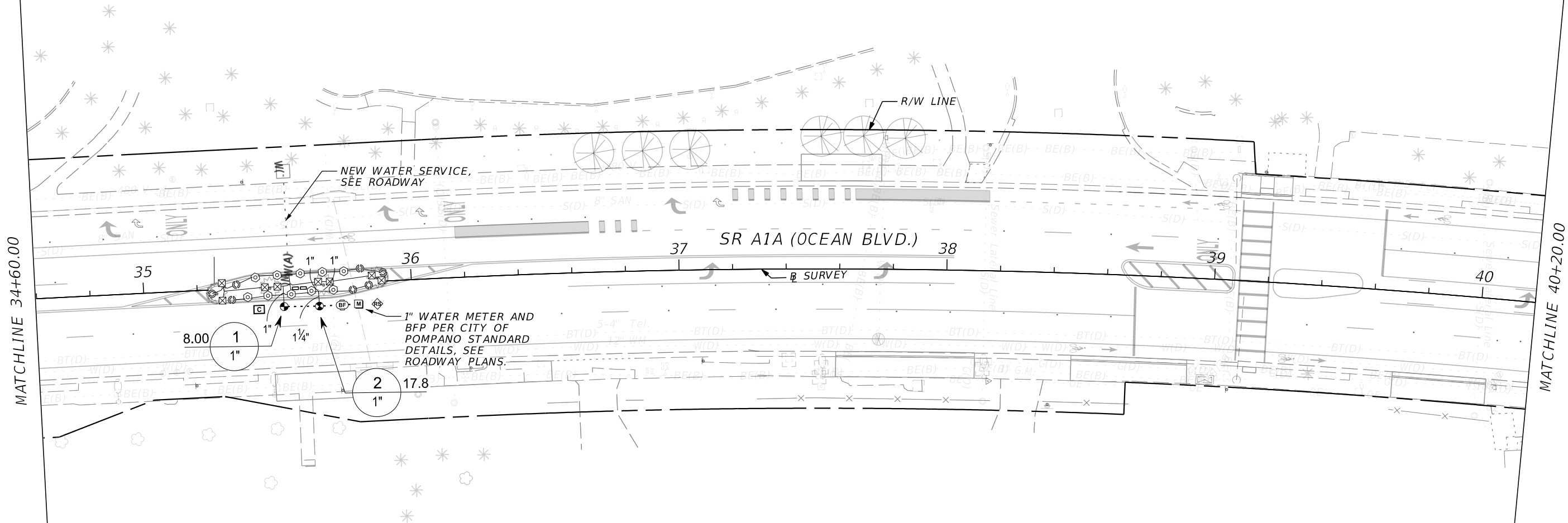
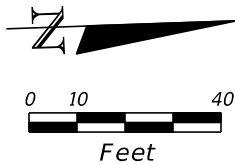
NO IRRIGATION ON THIS SHEET



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Call before you dig.

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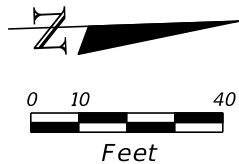
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			IRRIGATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		
							LD-30		



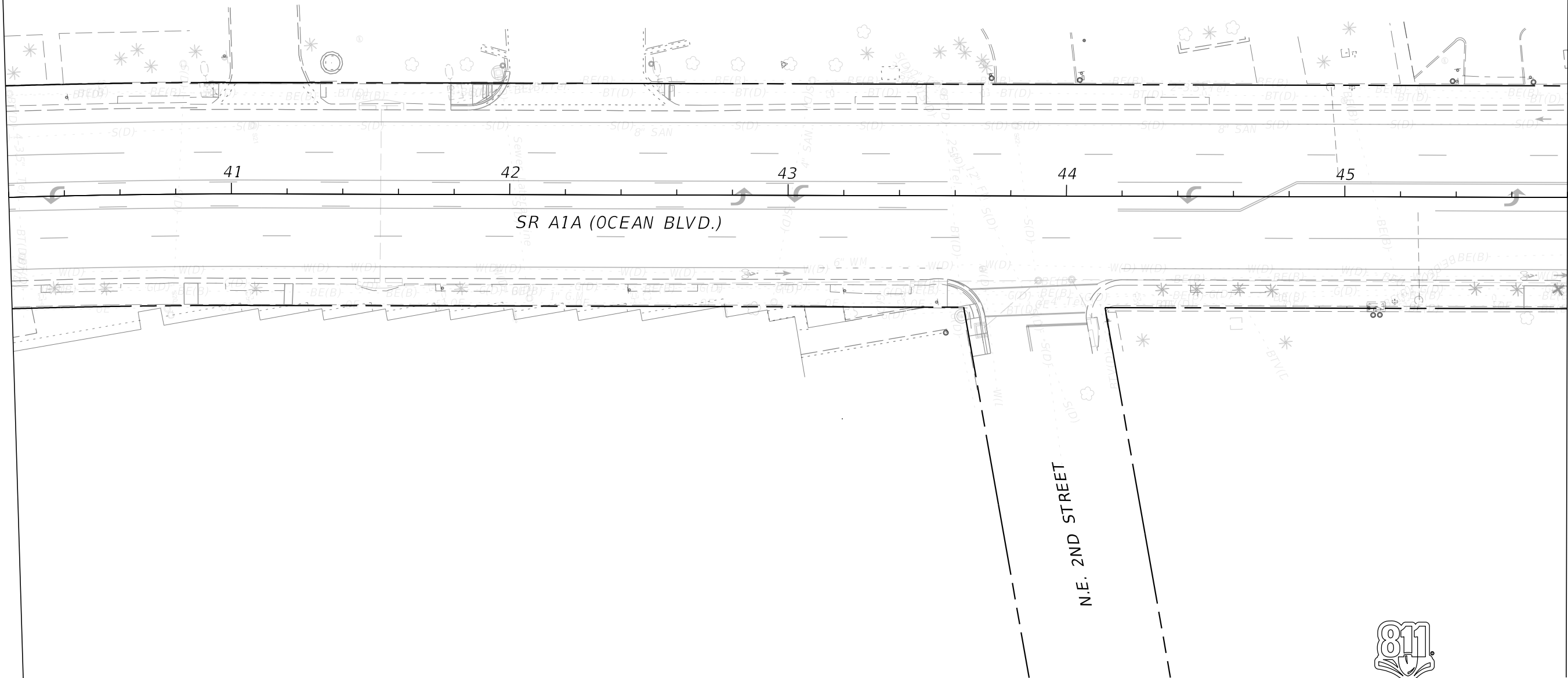
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-31

NO IRRIGATION ON THIS SHEET



MATCHLINE 40+20.00



MATCHLINE 45+80.00

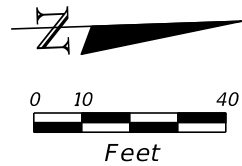


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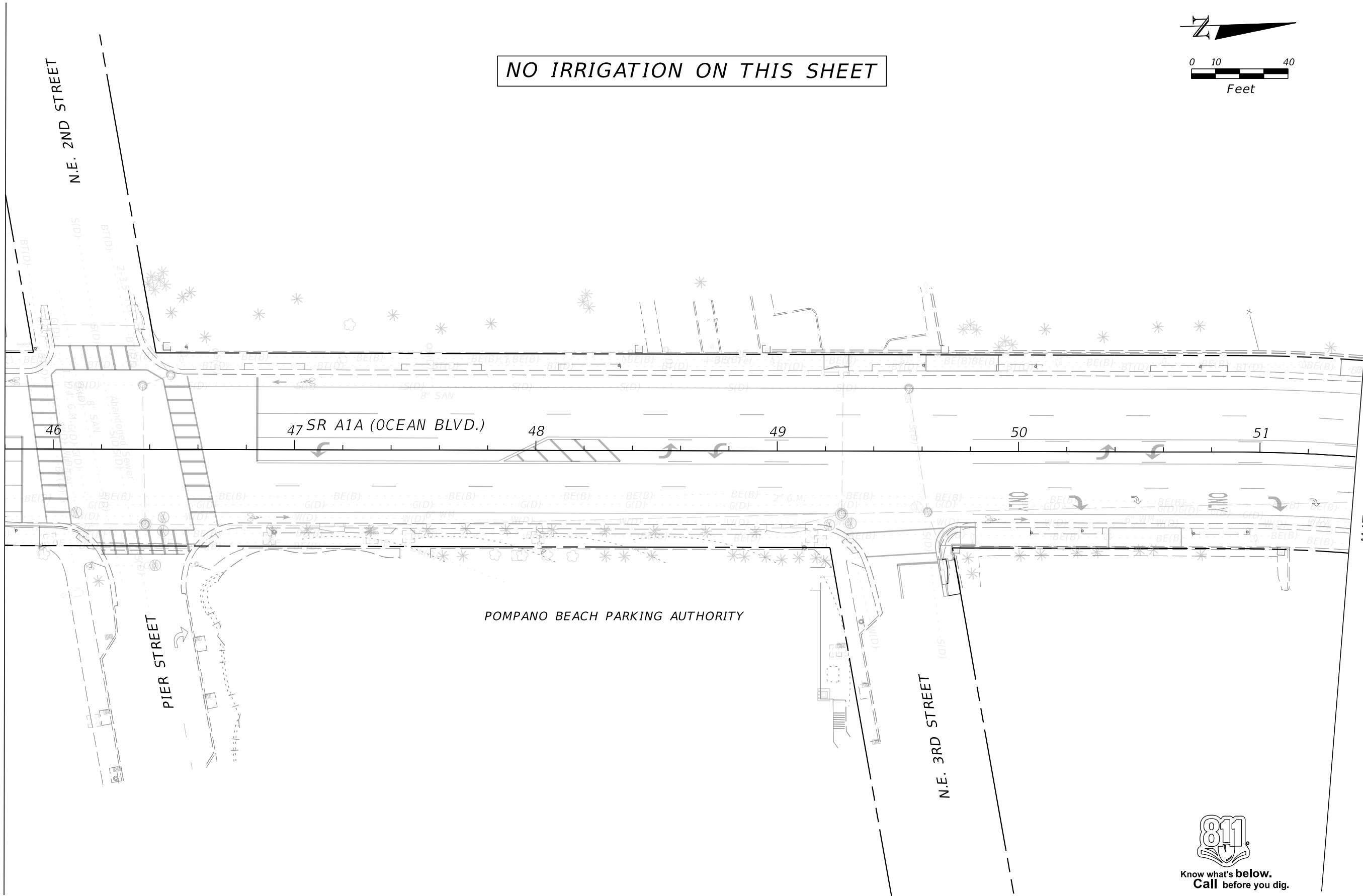
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-32

NO IRRIGATION ON THIS SHEET



MATCHLINE 45+80.00

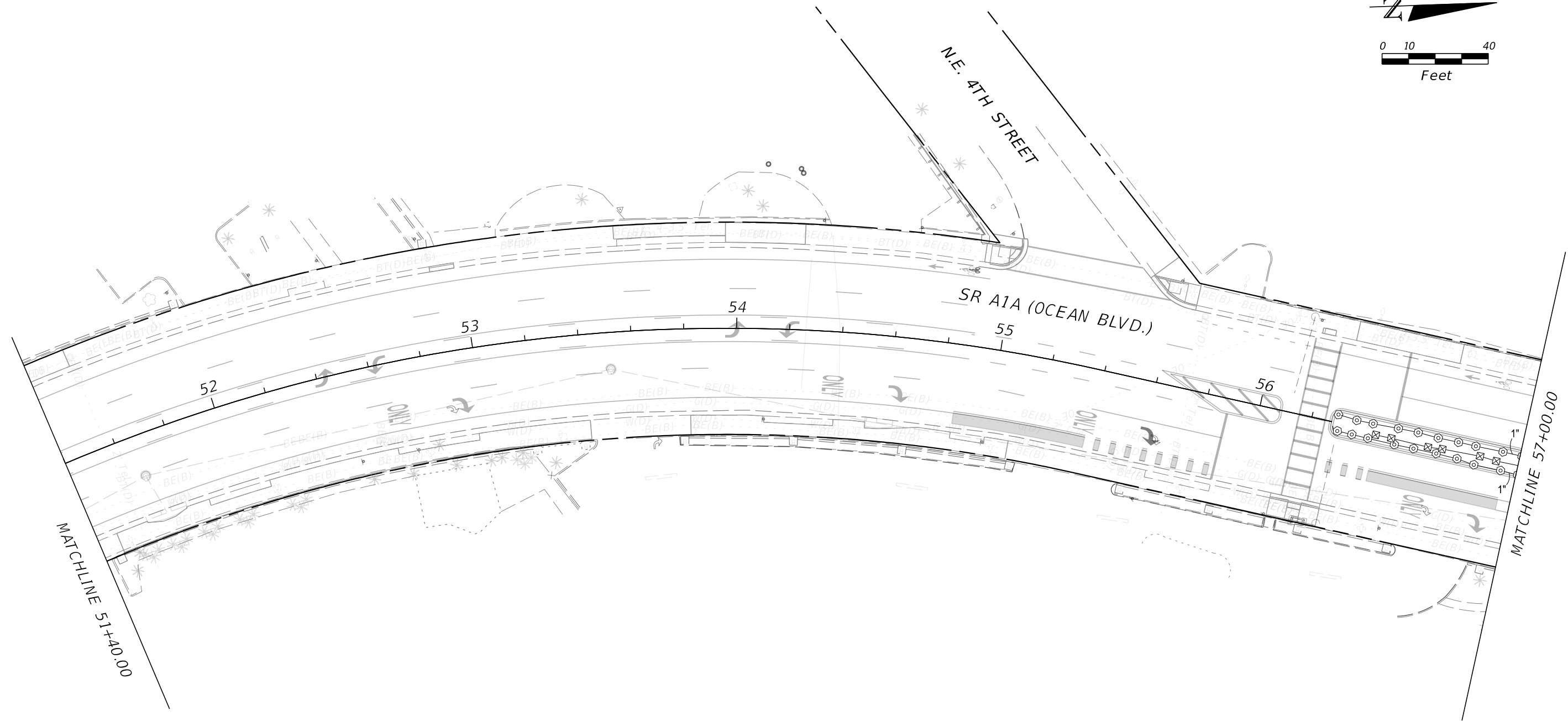
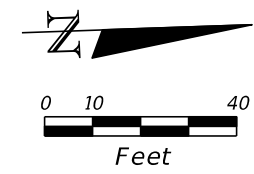
MATCHLINE 51+40.00



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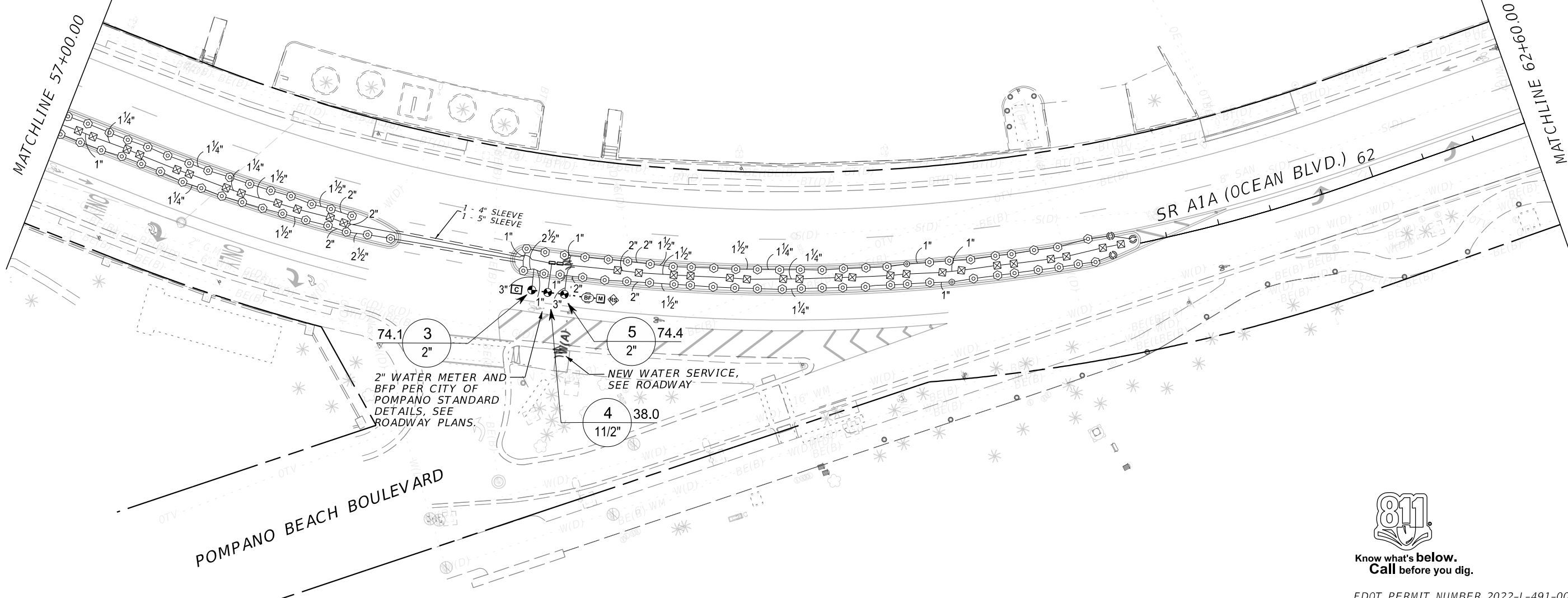
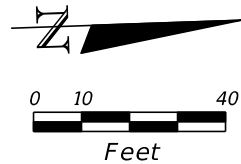


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DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY
							SR A1A	BROWARD	N/A

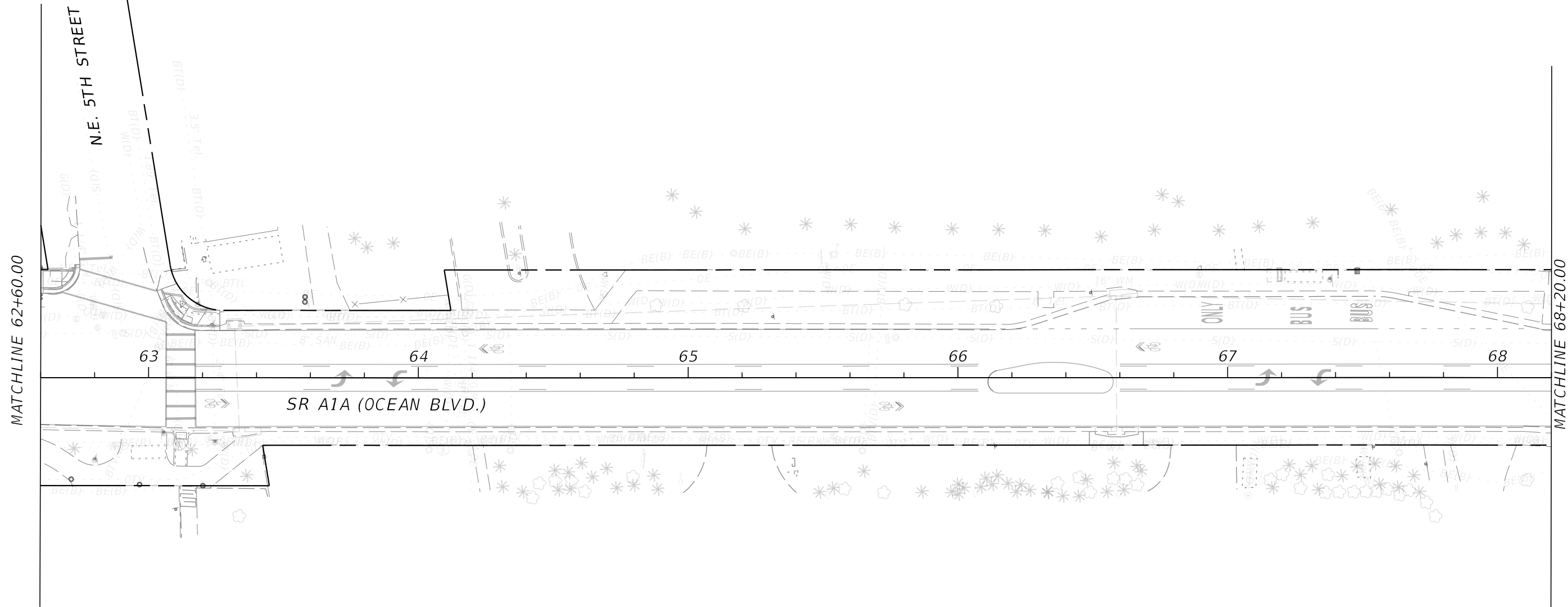
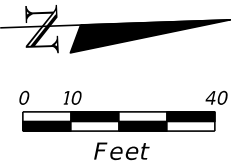
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NO IRRIGATION ON THIS SHEET

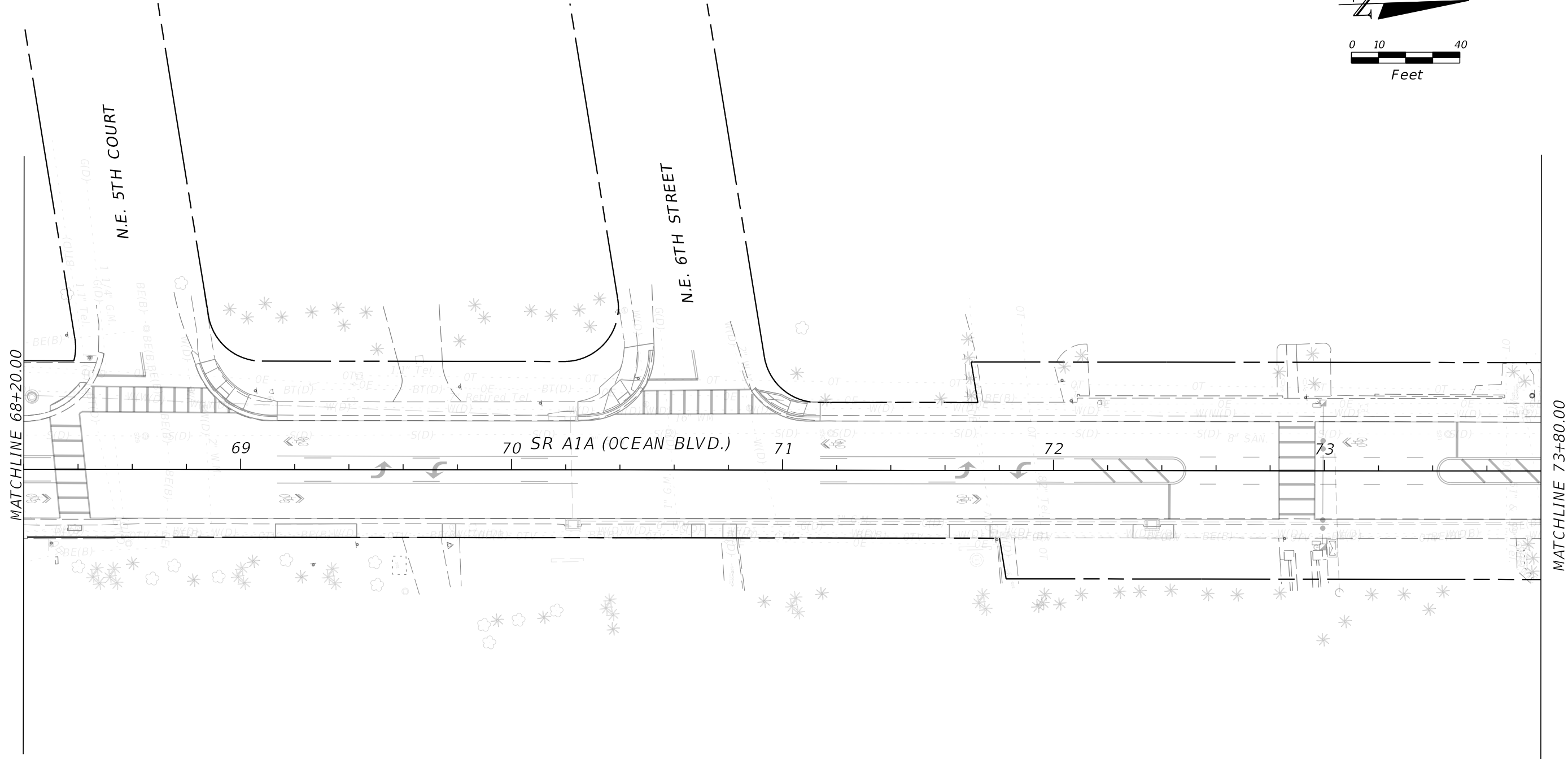
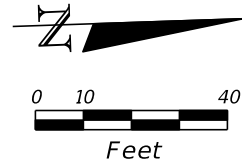


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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPAN0 BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			IRRIGATION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-36

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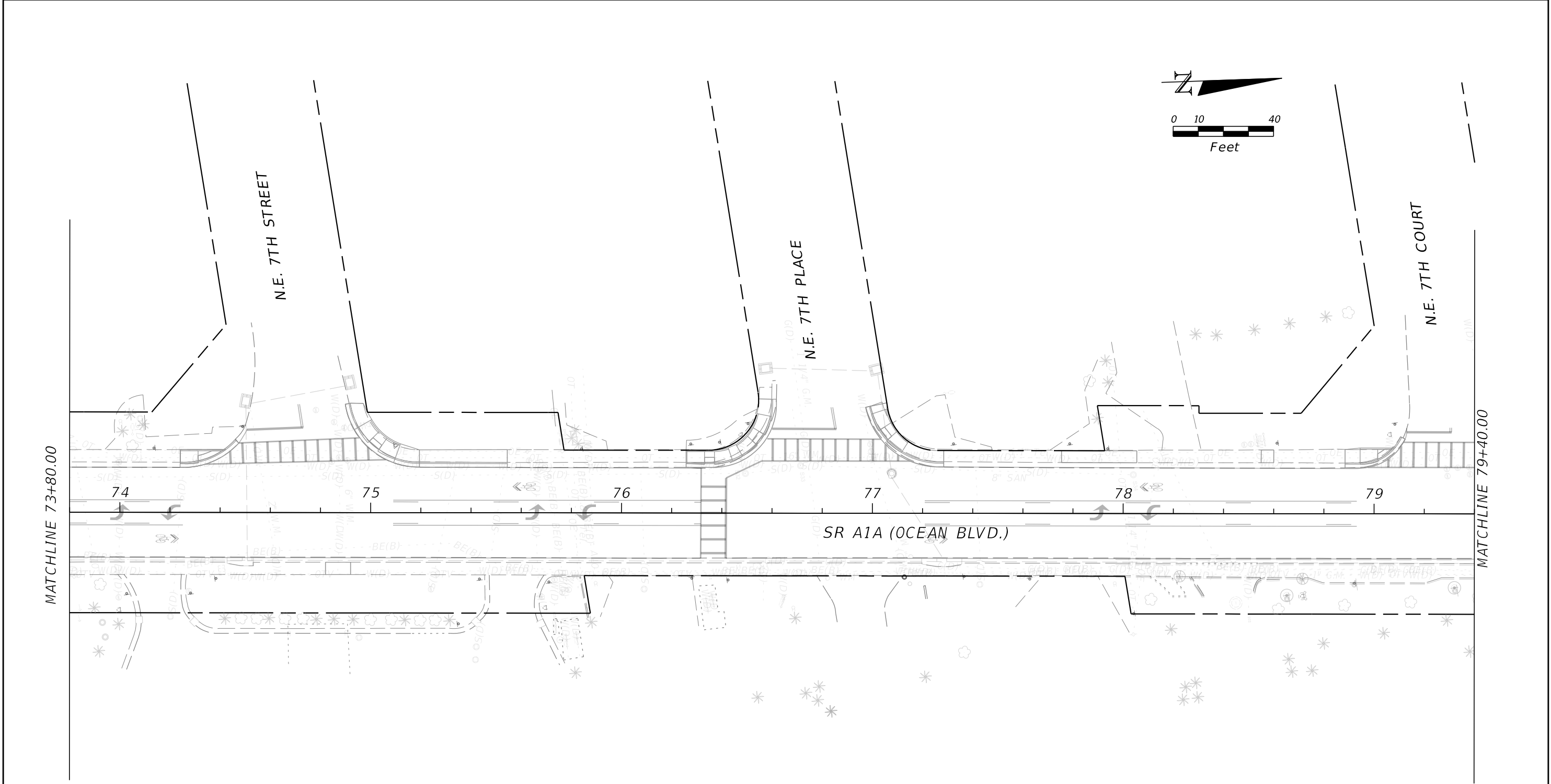


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					SR A1A	BROWARD	N/A		LD-37

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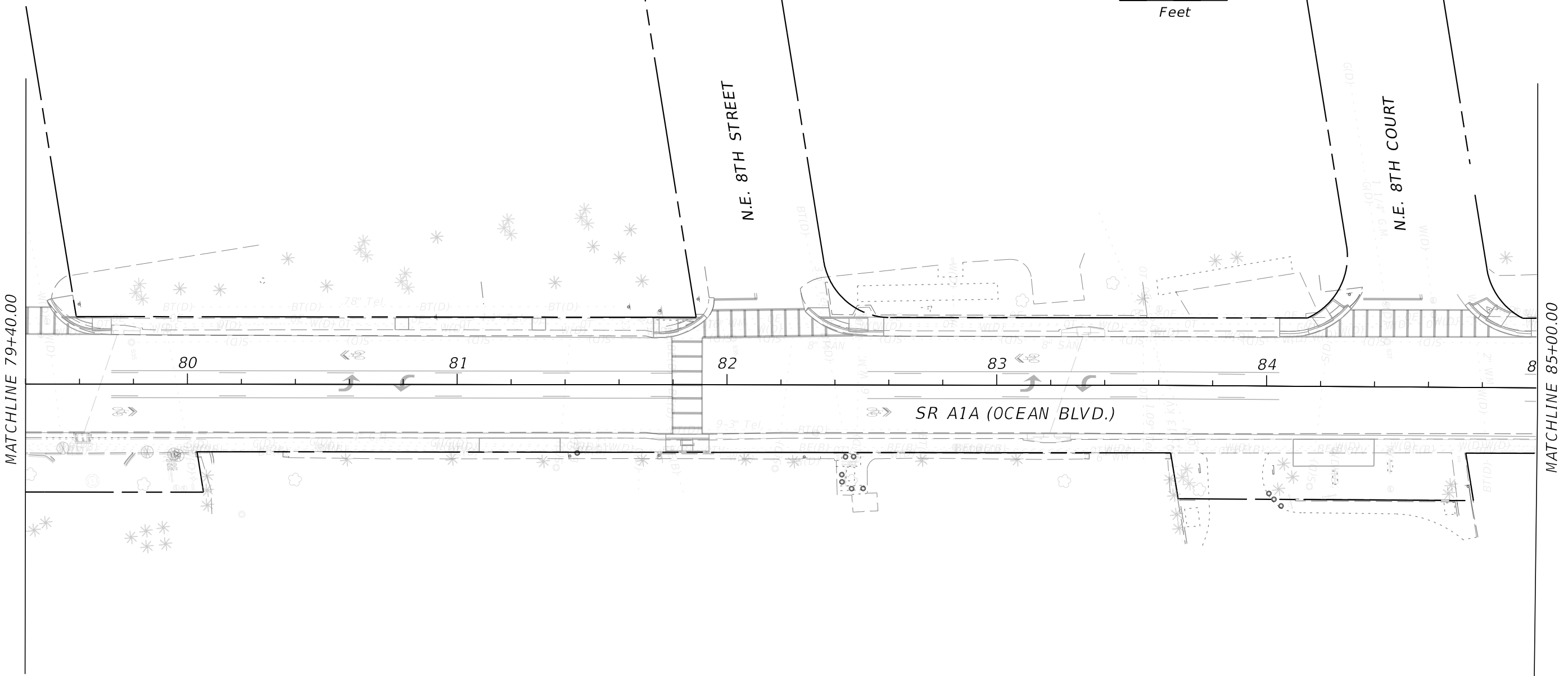


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-38
					SR A1A	BROWARD	N/A		

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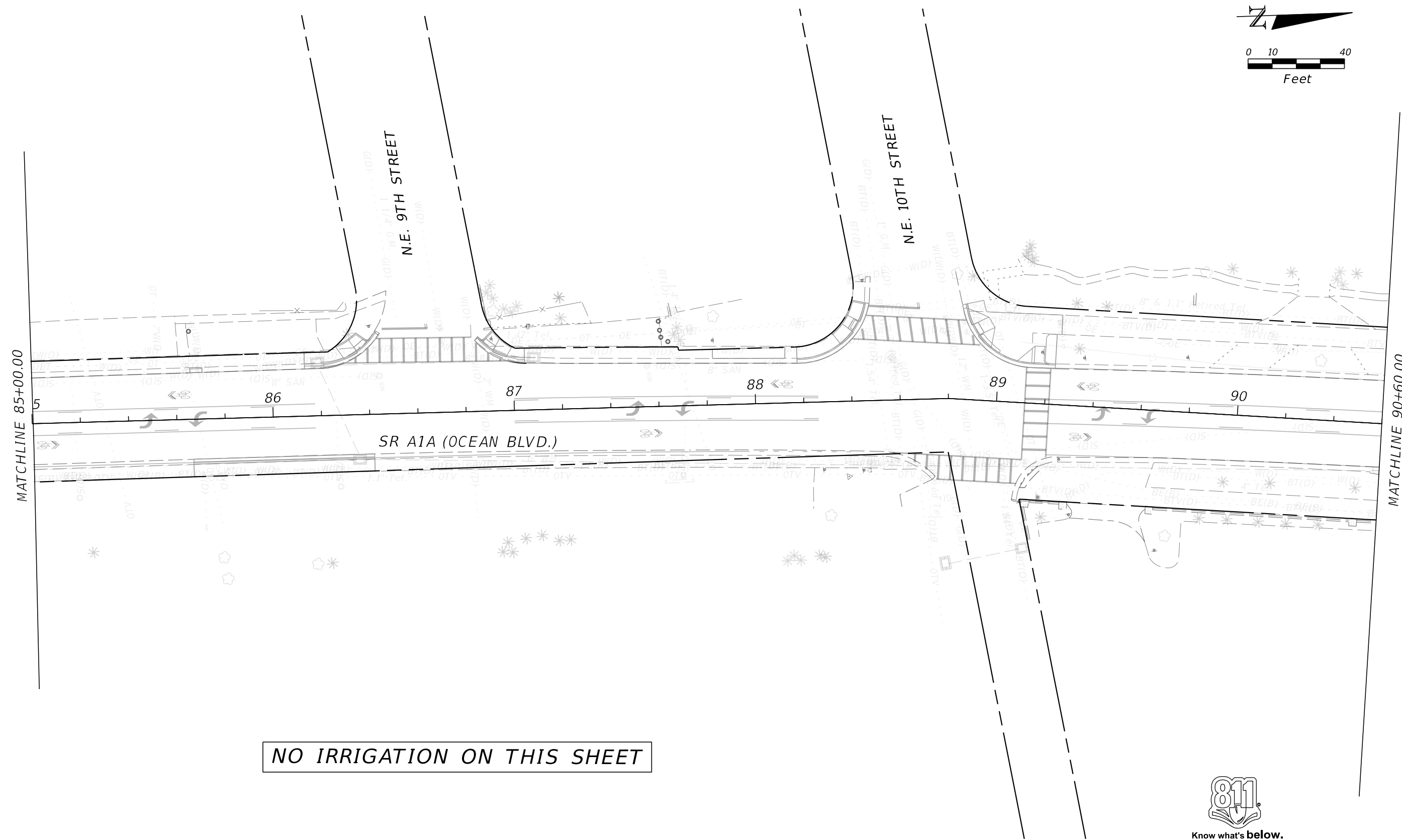
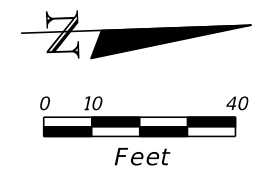
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-39
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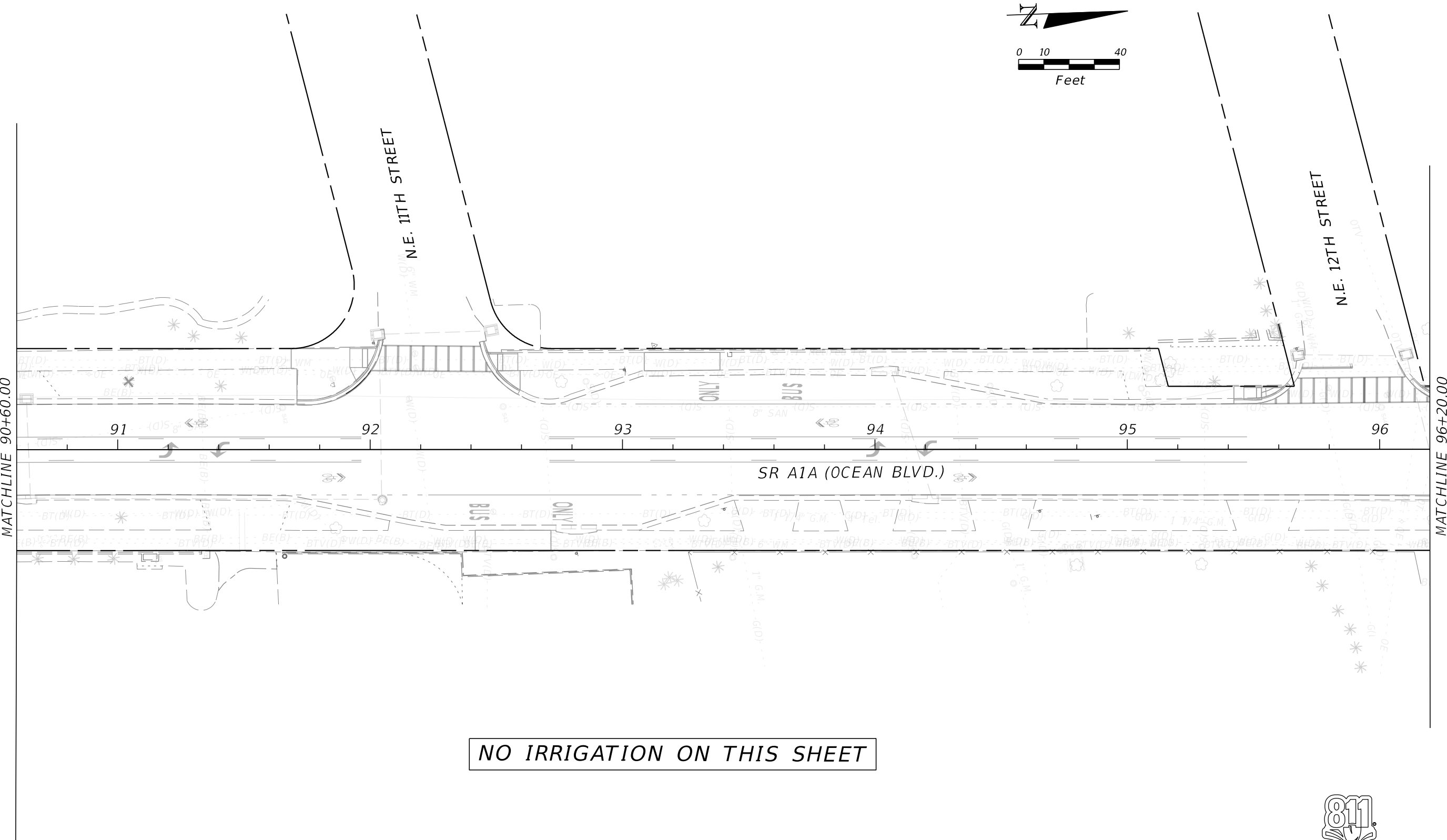
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-40

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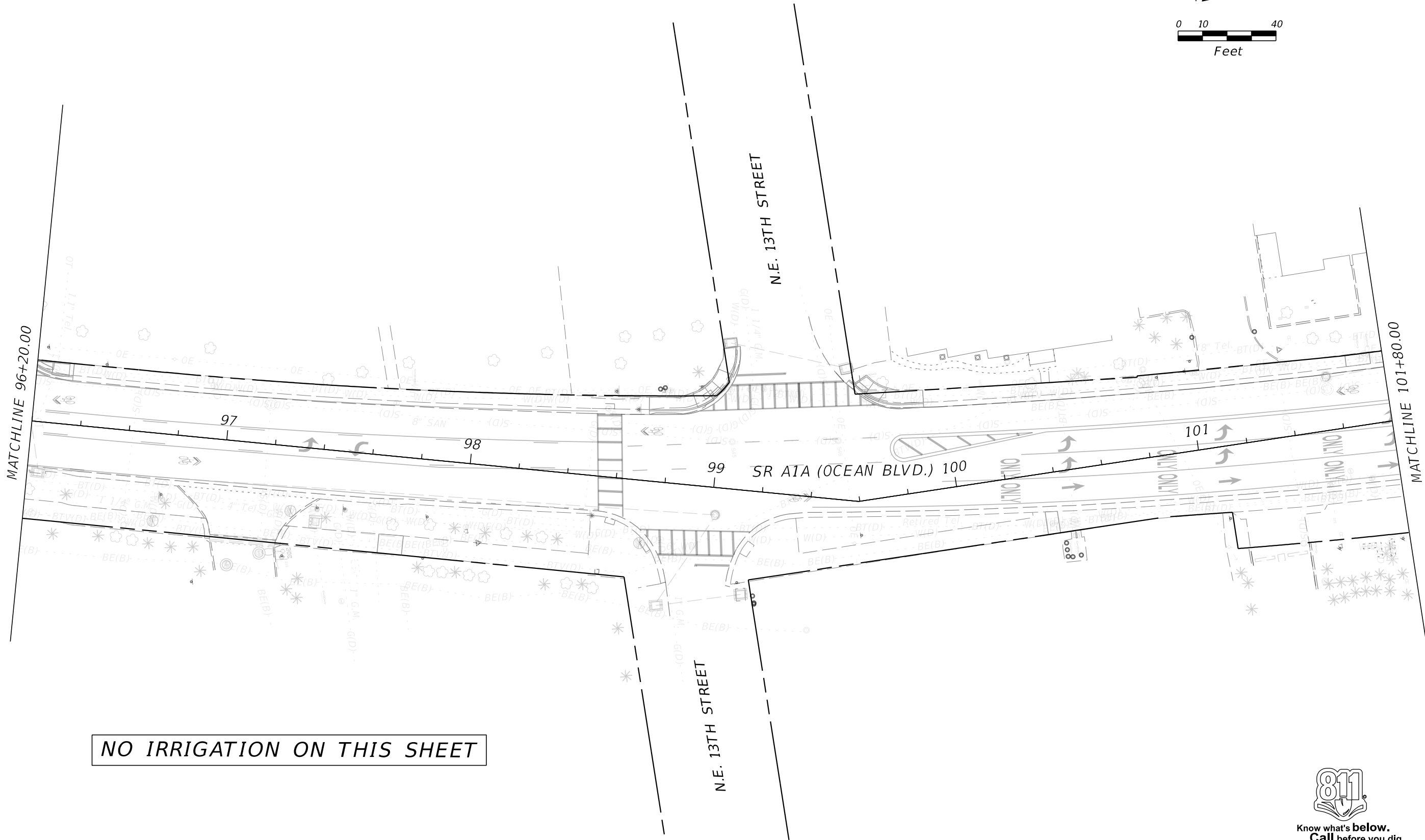
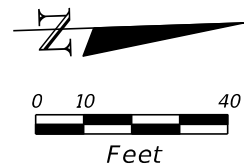
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-41
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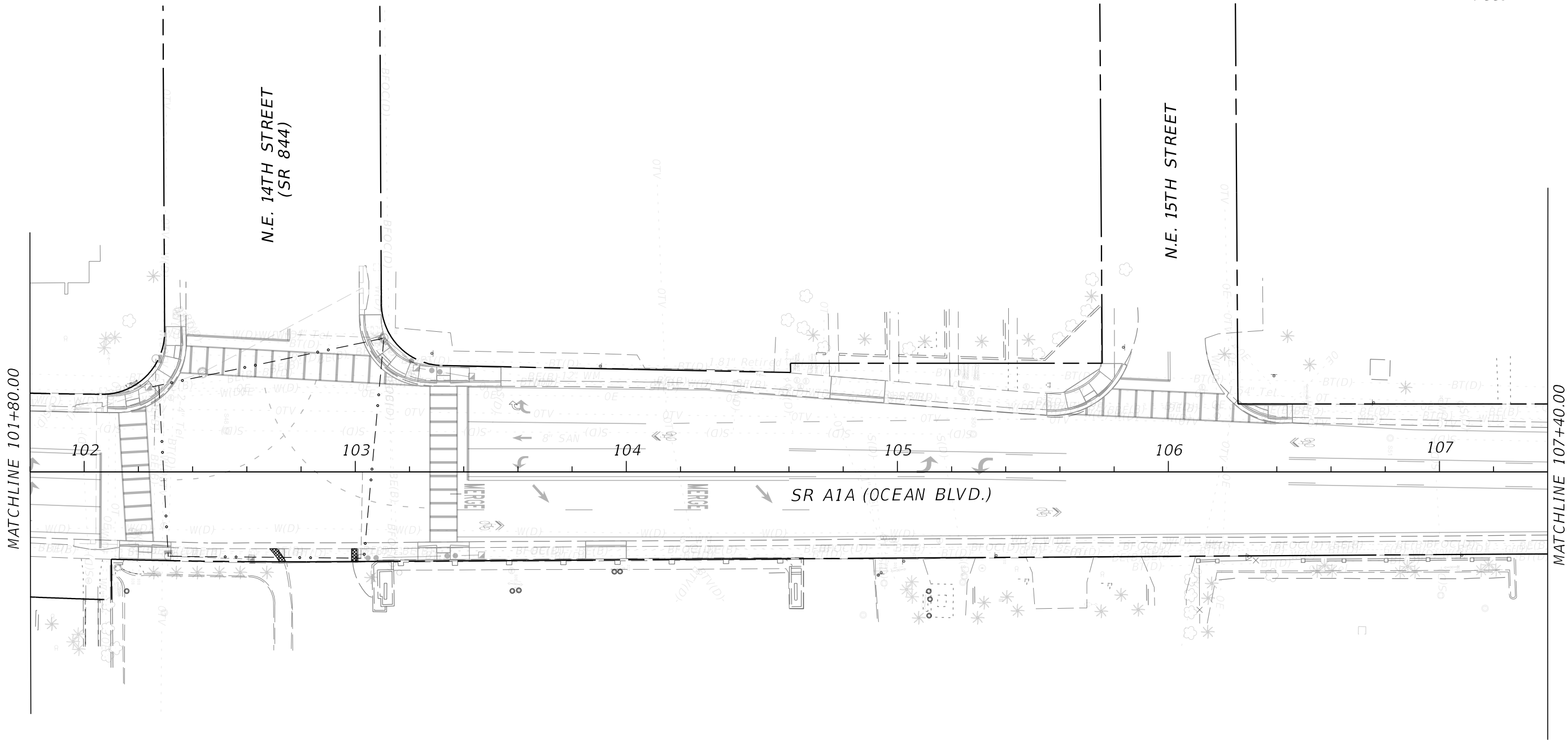
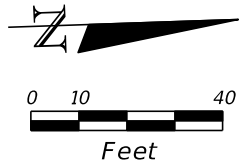
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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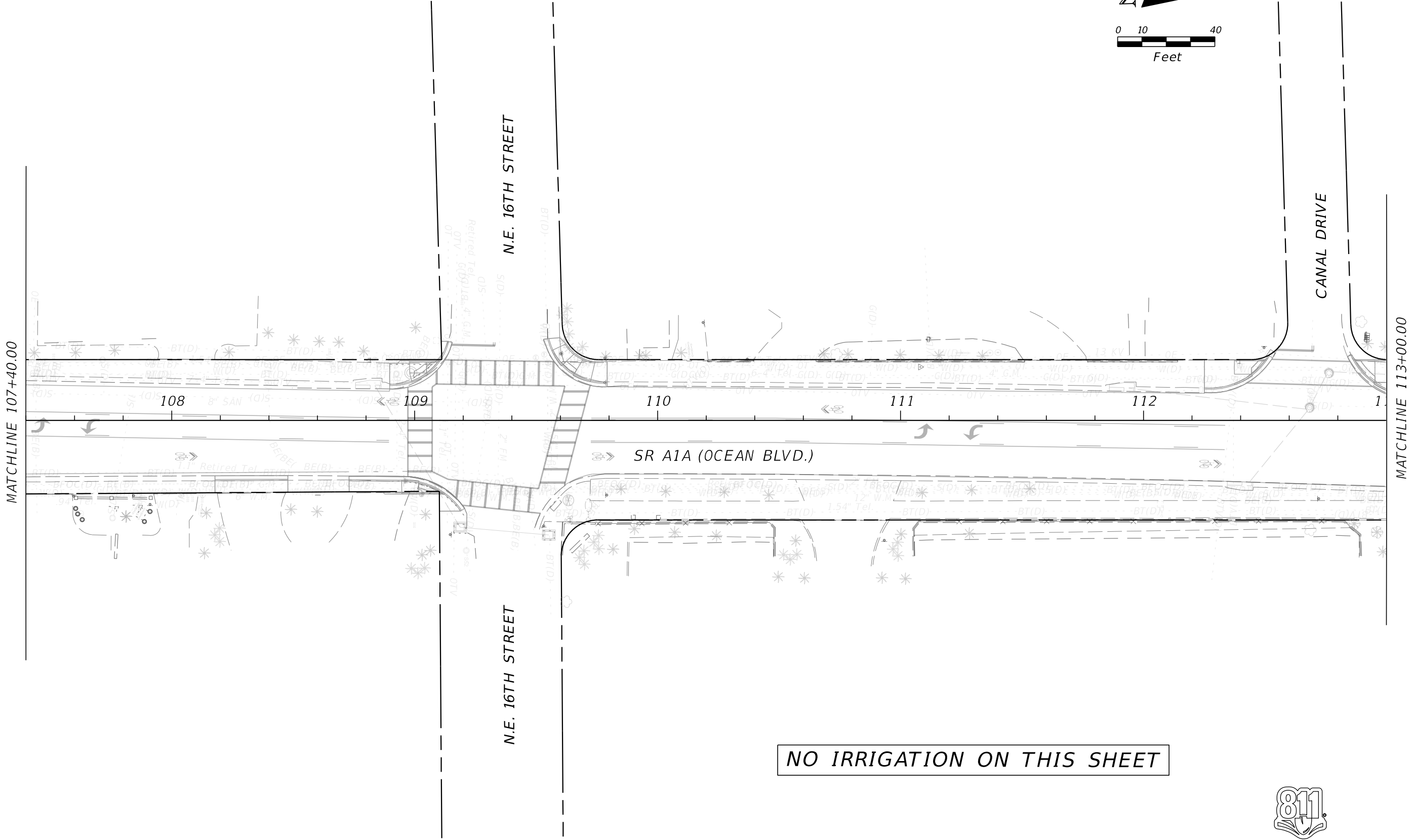
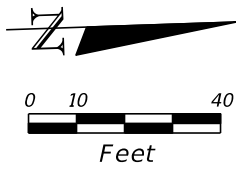
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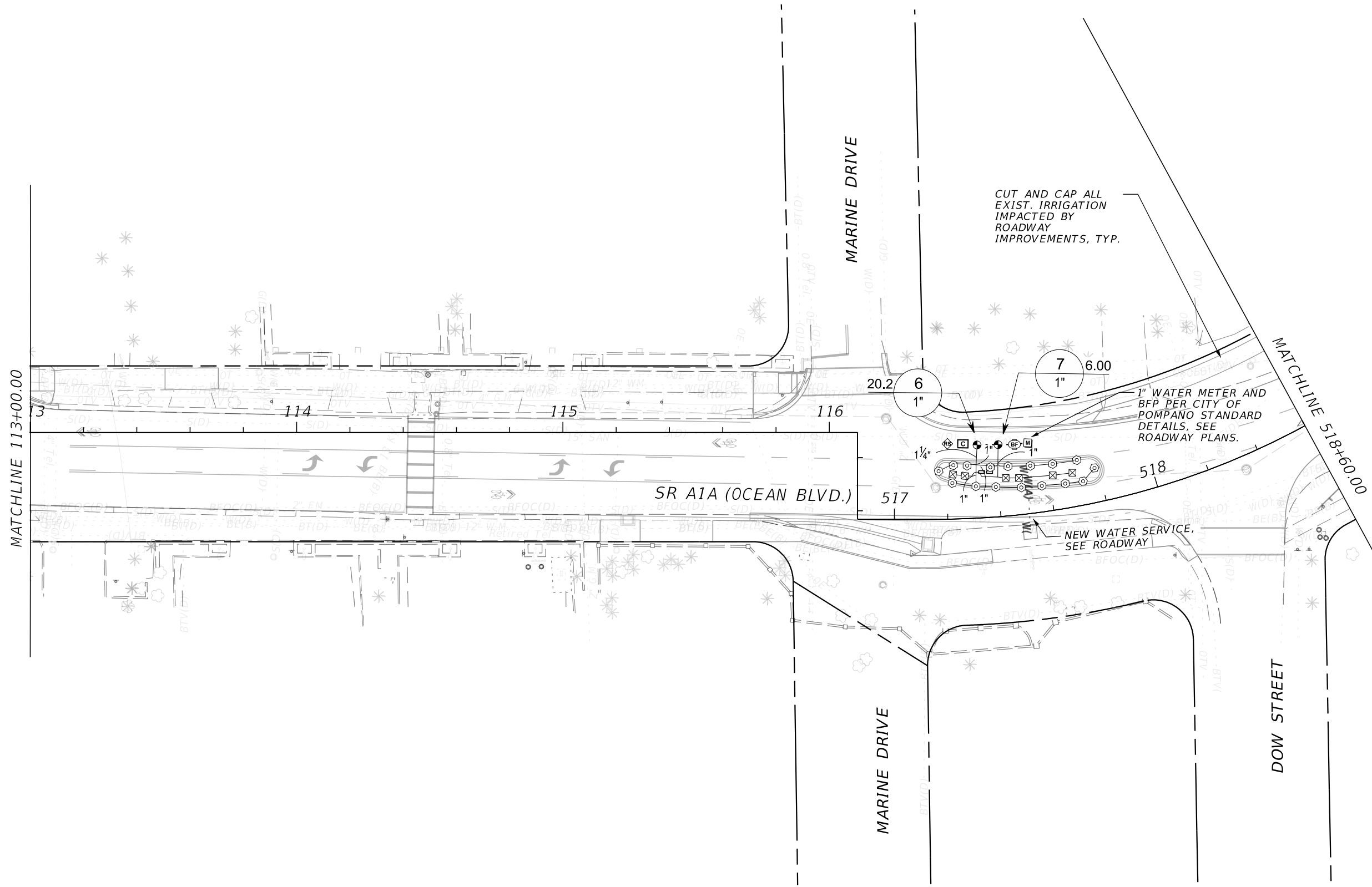
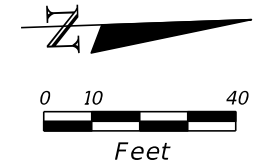
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					SR A1A	BROWARD	N/A		LD-43



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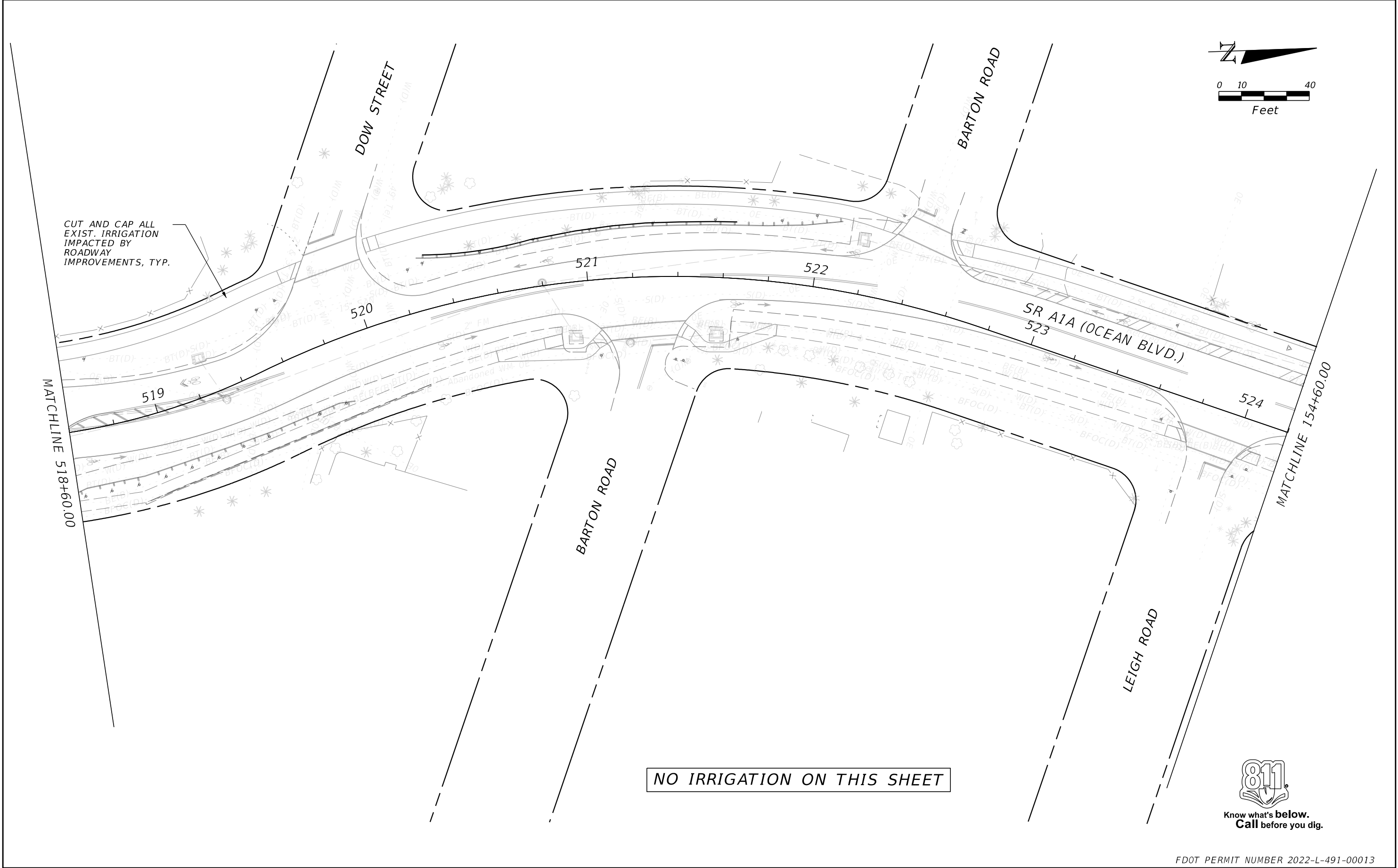
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		
									LD-44



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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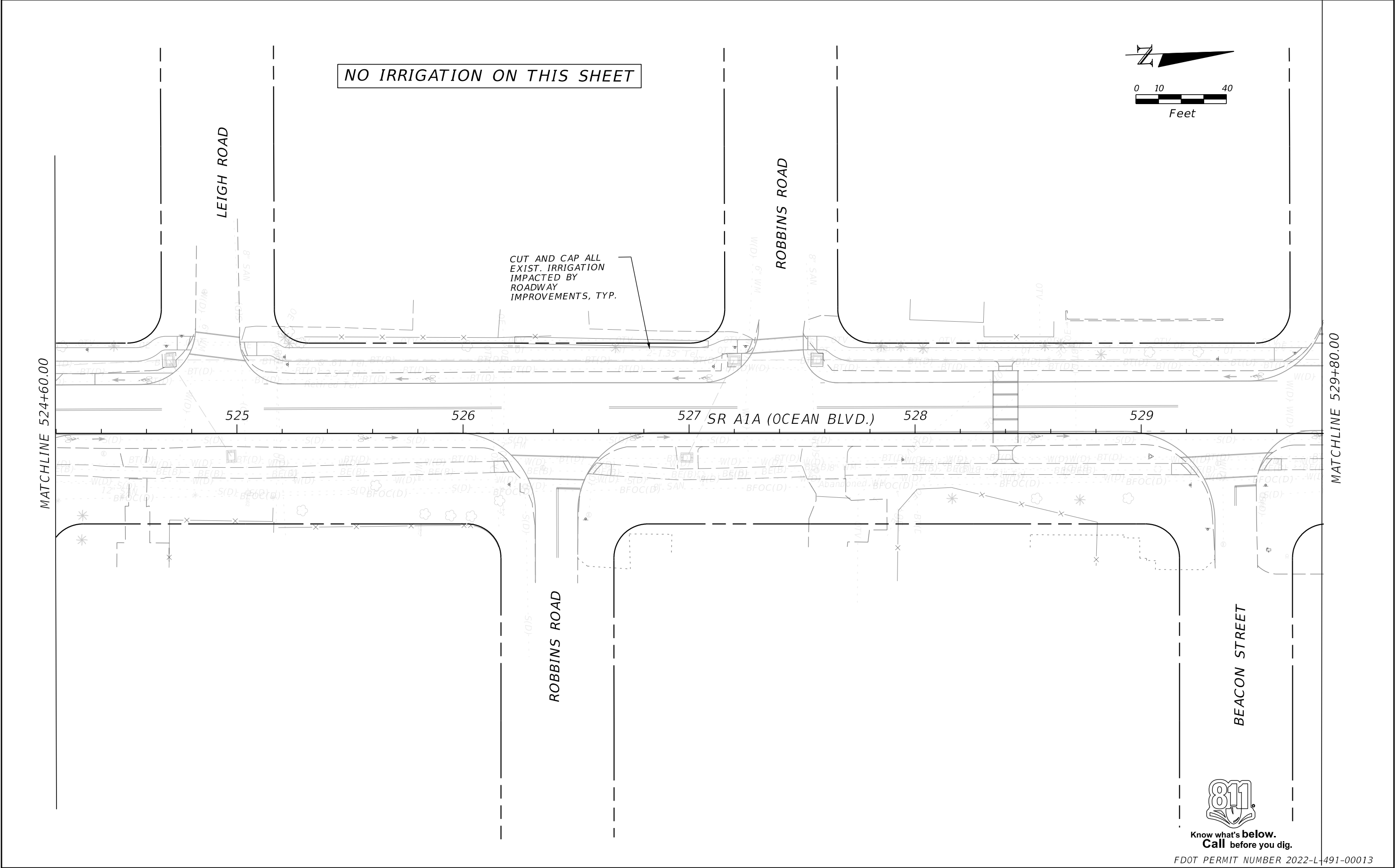
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DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY			
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							N/A		

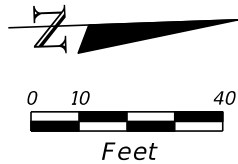
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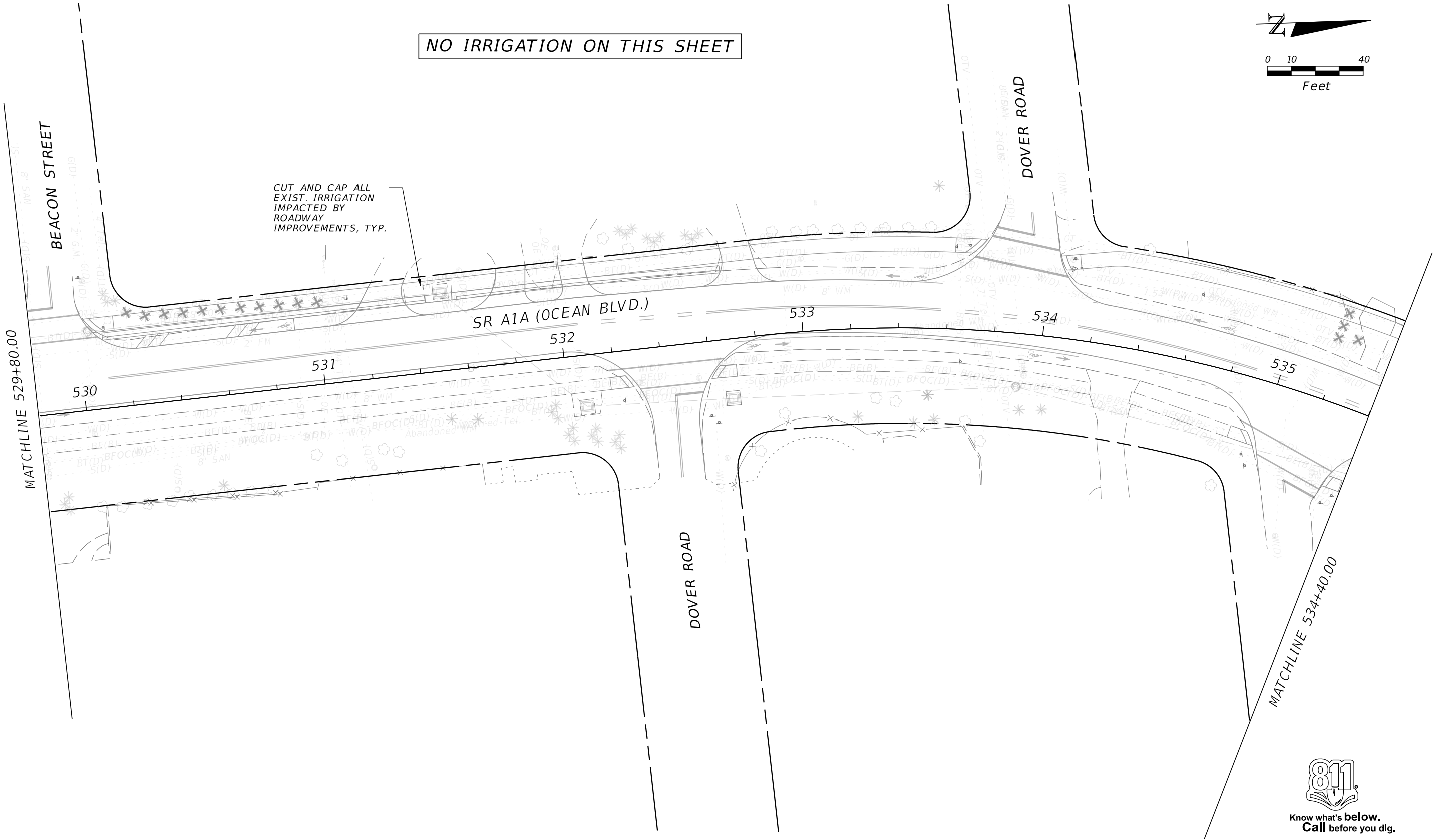


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-47

NO IRRIGATION ON THIS SHEET



CUT AND CAP ALL
EXIST. IRRIGATION
IMPACTED BY
ROADWAY
IMPROVEMENTS, TYP.

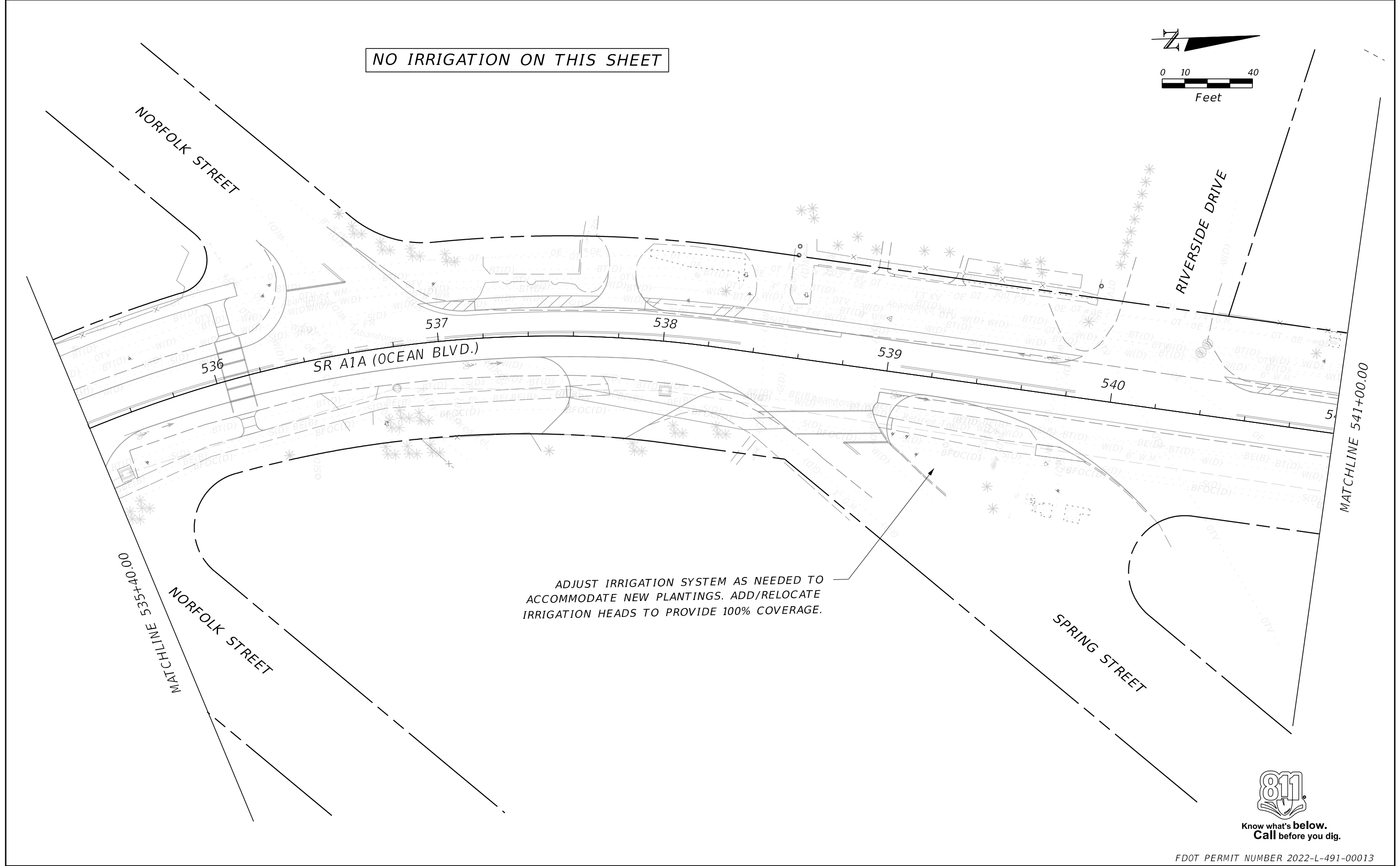
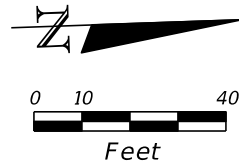


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NO IRRIGATION ON THIS SHEET



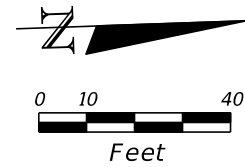
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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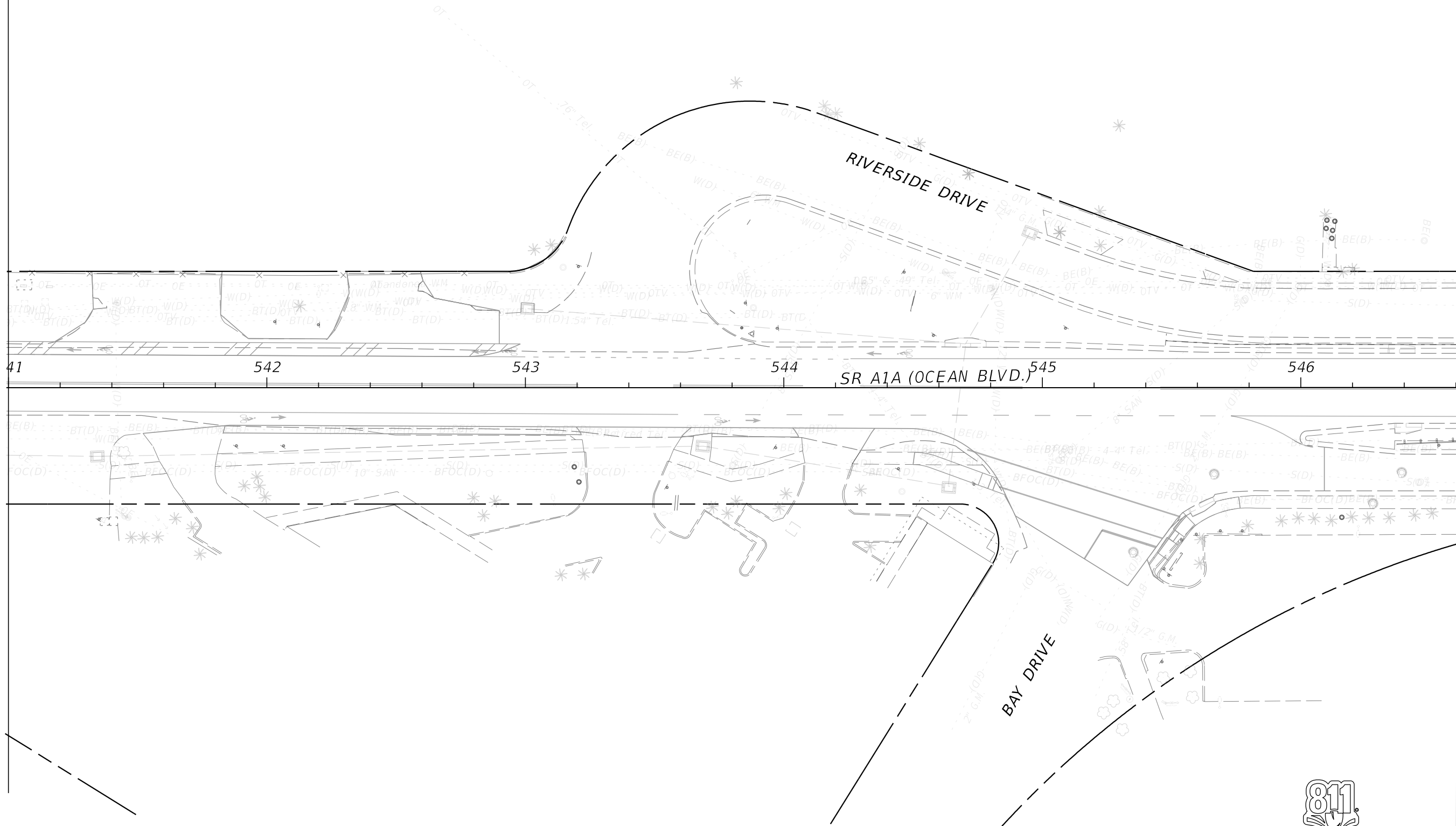
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MATCHLINE 541+00.00

MATCHLINE 546+60.00

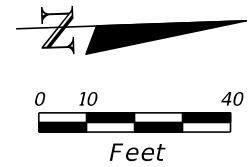


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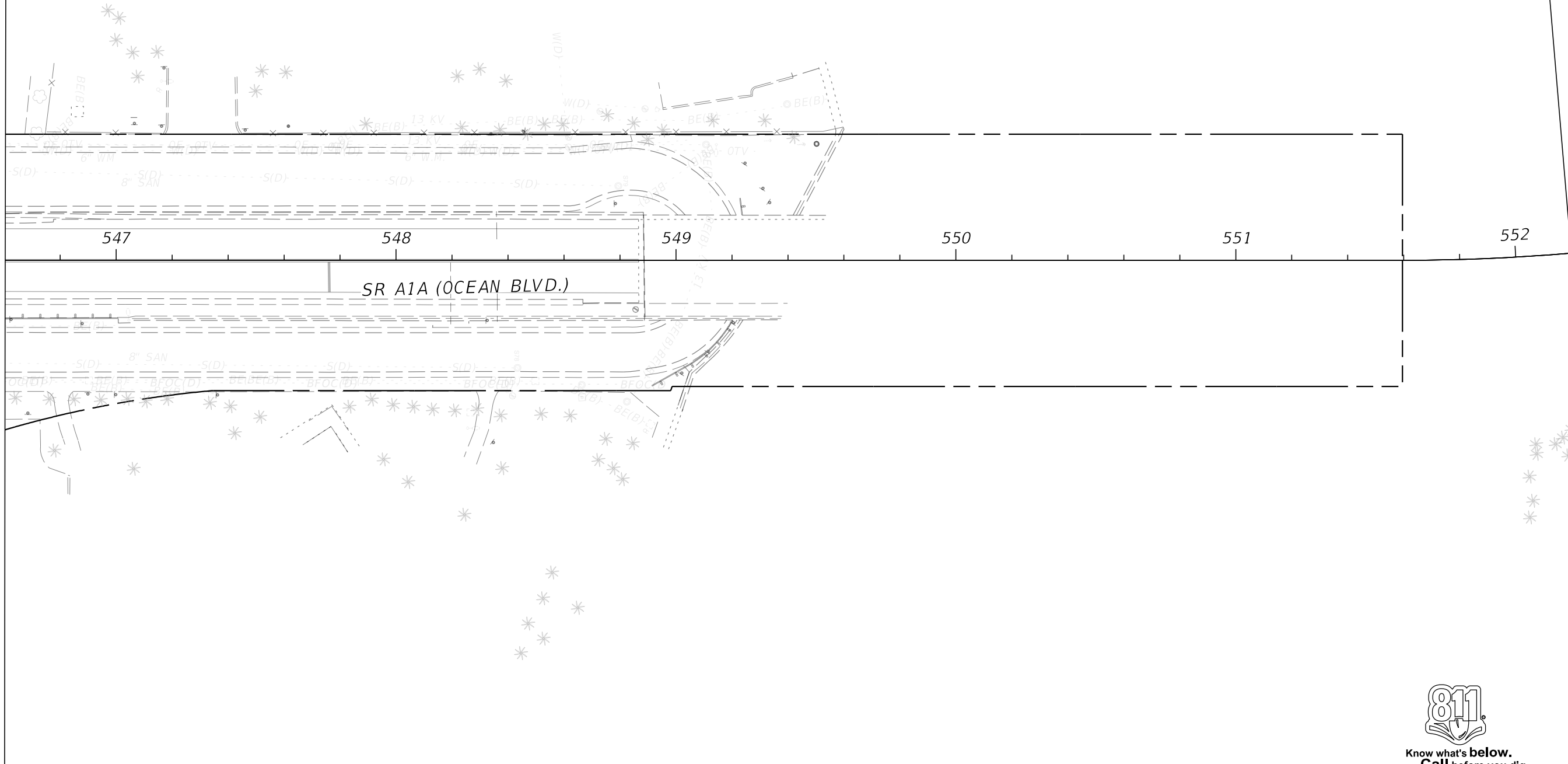
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-50

NO IRRIGATION ON THIS SHEET



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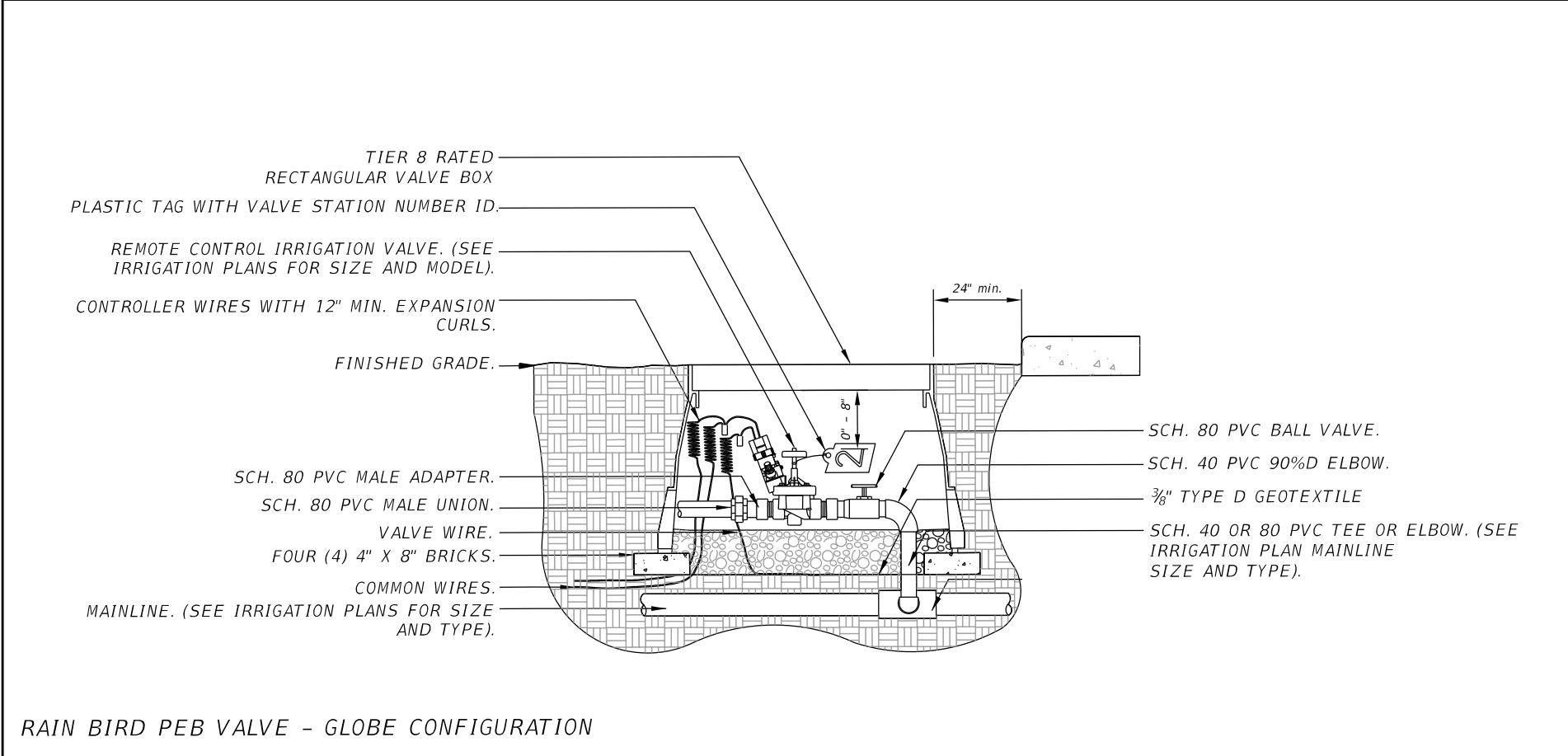
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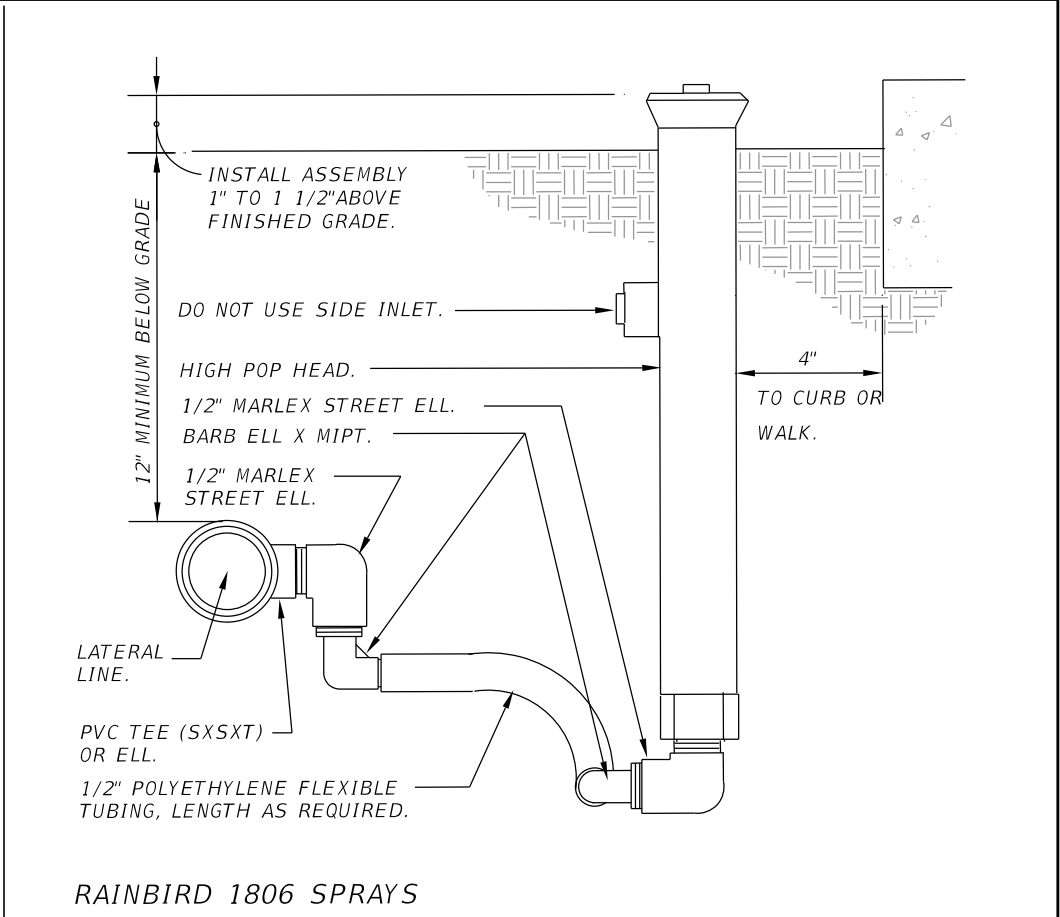
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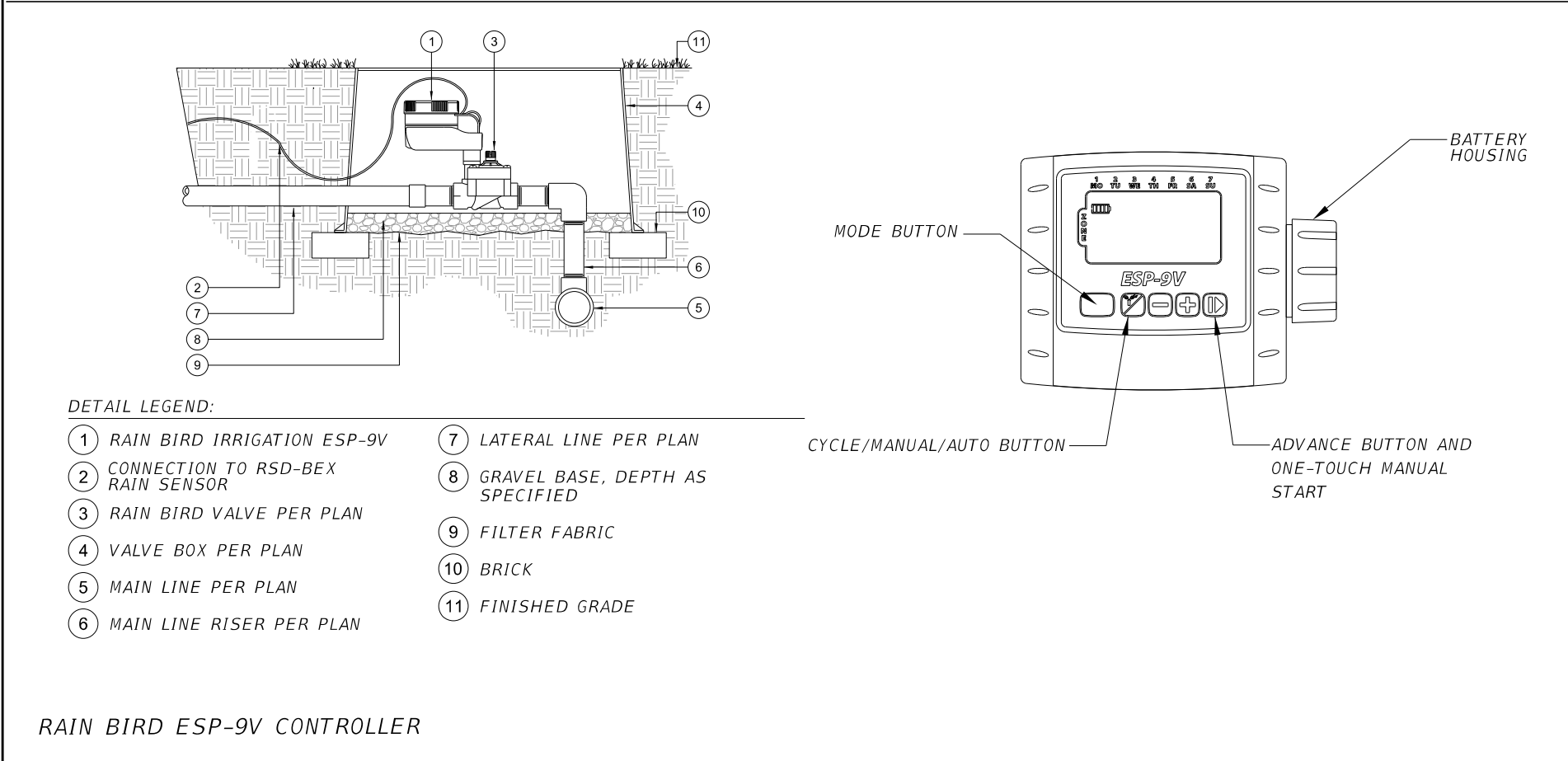
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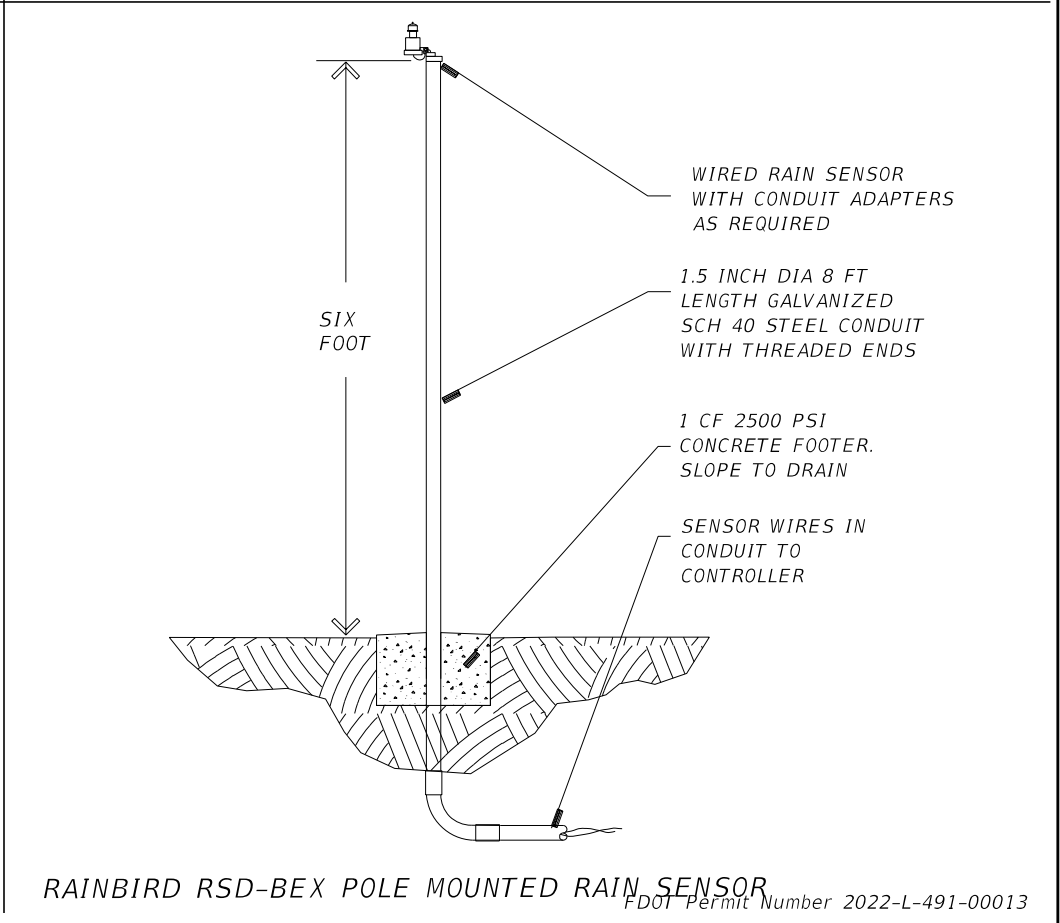
RAIN BIRD PEB VALVE - GLOBE CONFIGURATION



RAINBIRD 1806 SPRAYS



RAIN BIRD ESP-9V CONTROLLER



RAINBIRD RSD-BEX POLE MOUNTED RAIN SENSOR

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-52

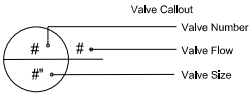
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IRRIGATION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL REQUIRED TO MAKE THE SYSTEM FUNCTION PROPERLY. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ALSO STATE AND/OR LOCAL CODES.
2. IRRIGATION PLANS ARE SCHEMATIC AND DRAWN FOR GRAPHIC CLARITY. ALL PIPING BELOW PAVING SHALL BE SLEEVED. LAYOUT OF IRRIGATION SYSTEM SHALL BE COORDINATED WITH CORRESPONDING LANDSCAPE PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL UNDERGROUND UTILITY PROVIDERS TO VERIFY LOCATIONS. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITE PRIOR TO INSTALLATION AND BECOME FAMILIAR WITH EXISTING CONDITIONS.
4. VALVE LOCATIONS ARE SCHEMATIC ONLY AND WILL BE ADJUSTED FOR SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A AMETEK OR CARSON VALVE BOX. THE FLOW ADJUSTMENT FEATURE WILL BE USED TO BALANCE PRESSURE THROUGHOUT THE SYSTEM.
5. PIPING SHALL BE SIZED TO MINIMIZE FRICTION LOSS AND MAINTAIN FLOW VELOCITY BELOW 5 FPS.
6. THE IRRIGATION CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. PROPER GROUNDING EQUIPMENT AND SURGE PROTECTION SHALL BE PROVIDED. A RAIN SENSOR SHALL BE INSTALLED TO OVER-RIDE THE CONTROLLER.
7. ALL HEADS ON RISERS SHALL BE SET AT THE HEIGHT OF ADJACENT PLANT MATERIAL.
8. SPRINKLER LOCATIONS ADJACENT TO PAVEMENT, STRUCTURES, FENCES, ETC. SHALL BE OFFSET AS FOLLOWS: 12" MIN FOR POP-UP MIST HEADS, 18" FOR SHRUB RISERS, 18" FOR ROTOR HEADS, AND TYPICALLY 5 FEET FOR ROTORS ALONG UNCURBED ROADWAYS.
9. ALL SLEEVING SHALL BE SCH 40 PVC TO SIZE INDICATED ON PLAN, OR IF NOT INDICATED, A MIN. OF 2 PIPE SIZES LARGER THAN SUPPLY LINE CONTAINED. ALL SLEEVES SHALL BE INSTALLED A MIN. OF 18" BELOW FINISH GRADE.
10. CONTROL WIRES SHALL BE UL APPROVED PE IRRIGATION CONTROL WIRE. USE 14 GAGE CONTROL WIRE AND 12 GAGE GROUND WIRE. WIRE SHALL BE BUNDLED AND ATTACHED TO THE MAIN LINE IN TRENCH OR THROUGH WIRE SLEEVES AT PAVEMENT CROSSINGS 24" BELOW FIN. GRADE. ALL SPLICES SHALL BE MADE WITH WATERPROOF DIRECT-BURIAL SPLICE KITS AND CONTAINED IN VALVE BOXES. TWO EXTRA CONTROL WIRES SHALL BE INSTALLED TO THE FURTHEST VALVES IN EACH DIRECTION FROM THE CONTROLLER.
11. PIPING IN NARROW PLANTING AREAS, PARKING ISLANDS AND PLANTERS SHALL BE SET TO ONE SIDE TO ALLOW ROOM FOR ROOT BALLS. PIPE AS INDICATED ON PLAN IS SCHEMATIC AND SHOULD BE ADJUSTED FOR FIELD CONDITIONS.
12. ALL GLUE JOINTS SHALL BE CLEANED, SANDED, AND TREATED WITH A COLORED HIGH ETCH PRIMER AND JOINED USING A SOLVENT CONFORMING WITH ASTM D2564.
13. SYSTEM PIPE SIZE LESS THAN 2" SHALL BE CLASS 200 PVC; SYSTEM PIPE SIZE 2" OR GREATER SHALL BE SCH 40 PVC. SYSTEM MAIN WILL BE SCH. 40 PVC TO SIZE INDICATED ON PLAN. ALL FITTINGS WILL BE SOLVENT WELD SCH 40 PVC. MAIN LINE SHALL HAVE 24" MINIMUM COVER; ALL OTHER PIPING WILL HAVE 12" MIN. COVER. ALL BACKFILL FOR PIPE TRENCHES SHALL BE CLEAN AND FREE OF FOREIGN DEBRIS AND SHARP OBJECTS; BACKFILLED TRENCHES SHALL BE PROPERLY COMPACTED. ALL MAIN LINES WILL BE INSTALLED A MIN. OF 3' FROM ANY TREE OR PALM.
14. WATERING TIME PER STATION WILL BE DETERMINED IN THE FIELD AND PER LOCAL REQUIREMENTS. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PRECIPITATION RATES OF SPRINKLERS SPECIFIED.
15. IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 100% OVERLAP MIN. PROVIDE BUBBLERS FOR ALL NEW AND RELOCATED TREES AND PALMS.
16. THE IRRIGATION SYSTEM IN THE RIGHT-OF-WAY IS TO INCORPORATE LOW TRAJECTORY SPRAY HEADS TO MINIMIZE OVERSPRAY.
17. AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE.
18. EXISTING IRRIGATION SYSTEMS WITHIN THE ROW IMPACTED BY ROADWAY CONSTRUCTION WILL BE CUT AND CAPPED AT THE ROW. SALVAGE ALL COMPONENTS AND PROVIDE TO PROPERTY OWNER.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY
☼	RAIN BIRD 1812-PRS 06V	10
☼	RAIN BIRD 1812-PRS 08V	131
☒	RAIN BIRD 1802-1300AF FLOOD F	52
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⦿	RAIN BIRD PEB 1" 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	4
⦿	RAIN BIRD PEB 1-1/2" 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	1
⦿	RAIN BIRD PEB 2" 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	2
Ⓛ	PER ROADWAY PLANS AND CITY OF POMPAÑO BEACH REQUIREMENTS.	3
Ⓢ	IRRIGATION CONTROLLER	3
Ⓜ	RAIN SENSOR	3
Ⓜ	WATER METER	3
—————	IRRIGATION LATERAL LINE: PVC CLASS 200	125 L.F.
—————	IRRIGATION LATERAL LINE: PVC CLASS 200 1"	826 L.F.
—————	IRRIGATION LATERAL LINE: PVC CLASS 200 1 1/4"	357 L.F.
—————	IRRIGATION LATERAL LINE: PVC CLASS 200 1 1/2"	272 L.F.
—————	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 2"	111 L.F.
—————	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 2 1/2"	89 L.F.
—————	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 3"	15 L.F.
—————	IRRIGATION MAINLINE: PVC SCHEDULE 40	73 L.F.
=====	PIPE SLEEVE: SCHEDULE 40 PVC	45 L.F.



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					SR A1A	BROWARD	N/A		LD-53

TREE DISPOSITION TABLE										
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES
LD-4	001	GUMBO LIMBO	Bursera simaruba	12	14	25	65%	REMAIN		SURFACE ROOTS, CO-DOM.
LD-4	002	SABAL PALM	Sabal palmetto	NA	9' CT	NA	80%	REMAIN		
LD-4	003	SABAL PALM	Sabal palmetto	NA	15' CT	NA	80%	REMAIN		
LD-5	004	COCONUT PALM	Cocos nucifera	NA	25' CT	NA	65%	REMAIN		
LD-5	005	COCONUT PALM	Cocos nucifera	NA	40' CT	NA	65%	REMAIN		
LD-5	006	COCONUT PALM	Cocos nucifera	NA	35' CT	NA	65%	REMAIN		
LD-5	007	COCONUT PALM	Cocos nucifera	NA	35' CT	NA	65%	REMAIN		
LD-5	008	COCONUT PALM	Cocos nucifera	NA	30' CT	NA	65%	REMAIN		
LD-5	009	COCONUT PALM	Cocos nucifera	NA	30' CT	NA	65%	REMAIN		
LD-5	010	COCONUT PALM	Cocos nucifera	NA	32' CT	NA	65%	REMAIN		
LD-5	011	COCONUT PALM	Cocos nucifera	NA	35' CT	NA	65%	REMAIN		
LD-5	012	CHRISTMAS PALM	Adonidia merrillii	NA	20' CT	NA	65%	REMAIN		
LD-6	013	CHRISTMAS PALM	Adonidia merrillii	NA	15' CT	NA	65%	REMAIN		
LD-6	014	CHRISTMAS PALM	Adonidia merrillii	NA	15' CT	NA	65%	REMAIN		
LD-6	015	CHRISTMAS PALM	Adonidia merrillii	NA	12' CT	NA	65%	REMAIN		
LD-6	016	FLORIDA THATCH PALM	Thrinax radiata	NA	14' CT	NA	65%	REMAIN		
LD-6	017	SOLITAIRE PALM	Ptychosperma elegans	NA	16' CT	NA	65%	REMAIN		
LD-6	018	SOLITAIRE PALM	Ptychosperma elegans	NA	16' CT	NA	65%	REMAIN		
LD-6	019	SOLITAIRE PALM	Ptychosperma elegans	NA	16' CT	NA	65%	REMAIN		
LD-6	020	SOLITAIRE PALM	Ptychosperma elegans	NA	16' CT	NA	65%	REMAIN		
LD-6	021	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-6	022	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-6	023	SOLITAIRE PALM	Ptychosperma elegans	NA	12' CT	NA	65%	REMOVE	PALM	
LD-7	024	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	025	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	026	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	027	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	028	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	029	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	030	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	031	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	032	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-7	033	SOLITAIRE PALM	Ptychosperma elegans	NA	15' CT	NA	65%	REMAIN		
LD-8	034	FLORIDA THATCH PALM	Thrinax radiata	NA	11' CT	NA	65%	REMAIN		
LD-9	035	COCONUT PALM	Cocos nucifera	NA	20' CT	NA	65%	REMAIN		
LD-9	036	COCONUT PALM	Cocos nucifera	NA	20' CT	NA	65%	REMAIN		
LD-9	036A	COCONUT PALM	Cocos nucifera	NA	22' CT	NA	65%	REMAIN		
LD-9	037	PITCH APPLE	Clusia rosea	3	8' CT	4	50%	REMAIN		SURFACE ROOTS
LD-9	038	FLORIDA THATCH PALM	Thrinax radiata	NA	5' CT	NA	65%	REMAIN		SURFACE ROOTS
LD-9	039	PITCH APPLE	Clusia rosea	4	8	5	65%	REMAIN		
LD-9	040	PITCH APPLE	Clusia rosea	4	8	5	65%	REMAIN		SURFACE ROOTS
LD-9	041	COCONUT PALM	Cocos nucifera	NA	22' CT	NA	65%	REMAIN		
LD-9	042	COCONUT PALM	Cocos nucifera	NA	20' CT	NA	65%	REMAIN		
LD-9	043	SABAL PALM	Sabal palmetto	NA	15' CT	NA	80%	REMAIN		
LD-9	044	SABAL PALM	Sabal palmetto	NA	15' CT	NA	80%	REMAIN		
LD-9	045	COCONUT PALM	Cocos nucifera	NA	16' CT	NA	65%	REMAIN		
LD-9	046	COCONUT PALM	Cocos nucifera	NA	15' CT	NA	65%	REMAIN		
LD-9	047	COCONUT PALM	Cocos nucifera	NA	16' CT	NA	65%	REMAIN		
LD-9	048	COCONUT PALM	Cocos nucifera	NA	20' CT	NA	65%	REMAIN		
LD-9	049	SEAGRAPE	Coccoloba uvifera	8	18' CT	20	65%	REMAIN		
LD-9	050	COCONUT PALM	Cocos nucifera	NA	20' CT	NA	65%	REMAIN		

FDOT Permit Number 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-54
					SR A1A	BROWARD	N/A		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

TREE DISPOSITION TABLE												
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES		
LD-9	051	COCONUT PALM	<i>Cocos nucifera</i>	NA	22' CT	NA	65%	REMAIN				
LD-9	052	COCONUT PALM	<i>Cocos nucifera</i>	NA	16' CT	NA	65%	REMAIN				
LD-10	053	COCONUT PALM	<i>Cocos nucifera</i>	NA	16' CT	NA	65%	REMAIN				
LD-10	054	COCONUT PALM	<i>Cocos nucifera</i>	NA	16' CT	NA	65%	REMAIN				
LD-10	055	COCONUT PALM	<i>Cocos nucifera</i>	NA	18' CT	NA	65%	REMAIN				
LD-10	056	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	12	NA	NA	30%	REMOVE		DEAD		
LD-10	057	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	12	NA	NA	30%	REMOVE		DEAD		
LD-10	058	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	12	NA	NA	30%	REMOVE		DEAD		
LD-10	059	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	12	NA	NA	30%	REMOVE		DEAD		
LD-10	060	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	12	NA	NA	65%	REMAIN				
LD-11	061	SABAL PALM	<i>Sabal palmetto</i>	NA	15' CT	NA	65%	REMAIN				
LD-11	062	SABAL PALM	<i>Sabal palmetto</i>	NA	15' CT	NA	65%	REMAIN				
LD-11	063	WASHINGTONIA PALM	<i>Washingtonia robusta</i>	NA	15' CT	NA	65%	REMAIN				
LD-11	064	WASHINGTONIA PALM	<i>Washingtonia robusta</i>	NA	18' CT	NA	65%	REMAIN				
LD-11	065	WASHINGTONIA PALM	<i>Washingtonia robusta</i>	NA	14' CT	NA	65%	REMAIN				
LD-11	066	SABAL PALM	<i>Sabal palmetto</i>	NA	12' CT	NA	80%	REMAIN				
LD-11	067	SABAL PALM	<i>Sabal palmetto</i>	NA	14' CT	NA	80%	REMAIN				
LD-11	068	SABAL PALM	<i>Sabal palmetto</i>	NA	16' CT	NA	80%	REMAIN				
LD-12	069	SABAL PALM	<i>Sabal palmetto</i>	NA	20' CT	NA	80%	REMAIN				
LD-12	070	SABAL PALM	<i>Sabal palmetto</i>	NA	16' CT	NA	80%	REMAIN				
LD-12	071	GROUP						REMAIN		8 LIGUSTRUMS, 7 ROYALS		
LD-12	072	COCONUT PALM	<i>Cocos nucifera</i>	NA	20' CT	NA	65%	REMAIN				
LD-12	073	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	7"	15	9	65%	REMAIN		LEANS		
LD-12	074	GREEN BUTTONWOOD	<i>Conocarpus erectus</i>	10,11,17	15	22	65%	REMAIN		UTIL., CO-DOM.		
LD-12	075	SABAL PALM	<i>Sabal palmetto</i>	NA	14' CT	NA	80%	REMAIN				
LD-12	076	SABAL PALM	<i>Sabal palmetto</i>	NA	15' CT	NA	80%	REMAIN				
LD-12	077	SABAL PALM	<i>Sabal palmetto</i>	NA	8' CT	NA	80%	REMAIN				
LD-12	078	SABAL PALM	<i>Sabal palmetto</i>	NA	8' CT	NA	80%	REMAIN				
LD-12	079	SABAL PALM	<i>Sabal palmetto</i>	NA	8' CT	NA	80%	REMAIN				
LD-12	080	PITCH APPLE	<i>Clusia rosea</i>	3	12	6	65%	REMAIN				
LD-12	081	MAHOGANY	<i>Swietenia mahagoni</i>	4	16	6	65%	REMAIN				
LD-12	082	MAHOGANY	<i>Swietenia mahagoni</i>	4	16	6	65%	REMAIN				
LD-13	082A	MAHOGANY	<i>Swietenia mahagoni</i>	6	16	16	80%	REMAIN				
LD-13	083	MAHOGANY	<i>Swietenia mahagoni</i>	4	16	6	65%	REMAIN				
LD-13	084	PITCH APPLE	<i>Clusia rosea</i>	3	14	4	65%	REMAIN				
LD-13	085	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	1	10	4	65%	REMAIN		THIN		
LD-13	086	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	10' CT	NA	65%	REMAIN				
LD-13	087	SABAL PALM	<i>Sabal palmetto</i>	NA	13' CT	NA	80%	REMAIN				
LD-13	088	SABAL PALM	<i>Sabal palmetto</i>	NA	13' CT	NA	80%	REMAIN				
LD-13	089	SABAL PALM	<i>Sabal palmetto</i>	NA	13' CT	NA	30%	REMAIN		POTENTIAL TPPD		
LD-13	089A	GROUP						REMAIN		COCONUT, FAKAHATCHEE GRASS		
LD-14	090	SEAGRAPE	<i>Coccoloba uvifera</i>	6	12	6	65%	REMAIN				
LD-14	091	COCONUT PALM	<i>Cocos nucifera</i>	15	60' CT	NA	65%	REMAIN				
LD-15	091A	CHINESE FAN PALM	<i>Livistona chinensis</i>	NA	4' CT	NA	80%	REMAIN				
LD-14	092	BRAZILIAN BEAUTYLEAF	<i>Calophyllum brasiliense</i>	19	20	30	65%	REMAIN		UTIL., CO-DOM., BRANCH DAMAGE		
LD-15	092A	ORANGE GEIGER	<i>Cordia sebestena</i>	5	15	10	80%	REMAIN				
LD-14	093	COCONUT PALM	<i>Cocos nucifera</i>	NA	35' CT	NA	65%	REMAIN				
LD-14	094	COCONUT PALM	<i>Cocos nucifera</i>	NA	30' CT	NA	65%	REMAIN				
LD-14	095	COCONUT PALM	<i>Cocos nucifera</i>	NA	25' CT	NA	65%	REMAIN		CONSTRUCT.		
LD-15	096	COCONUT PALM	<i>Cocos nucifera</i>	NA	30' CT	NA	65%	REMAIN		CONSTRUCT.		
LD-15	097	BRAZILIAN BEAUTYLEAF	<i>Calophyllum brasiliense</i>	15	25	25	65%	REMAIN				
FDOT Permit Number 2022-L-491-00013												
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART	SHEET NO.	
DATE	DESCRIPTION		DATE				DESCRIPTION		ROAD NO. COUNTY FINANCIAL PROJECT ID			
									SR A1A BROWARD N/A			
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.												

TREE DISPOSITION TABLE													
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES			
LD-15	098	SILVER BUTTONWOOD	Conocarpus erectus sericeous	9,10,10	18	20	40%	REMAIN		LEANS, CO-DOM.			
LD-15	099	COCONUT PALM	Cocos nucifera	NA	10' CT	NA	65%	REMAIN		UTIL. CONFLICT			
LD-15	099A	COCONUT PALM	Cocos nucifera	NA	40' CT	NA		REMOVE		DEAD			
LD-15	100	BRAZILIAN BEAUTYLEAF	Calophyllum brasiliense	15	25	25	65%	REMAIN					
LD-15	101	SILVER BUTTONWOOD	Conocarpus erectus sericeous	11,8,8	18	25	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE			
LD-15	101A	GROUP		NA	12	12	65%	REMAIN		AGAVE, SCHINUS, CACTUS			
LD-16	102	GREEN BUTTONWOOD	Conocarpus erectus	30	20	28	65%	REMAIN		UTIL. CONFLICT			
LD-16	102A	SEAGRAPE	Coccoloba uvifera	NA	12	12	80%	REMAIN		GROUP			
LD-16	103	WASHINGTONIA PALM	Washingtonia robusta	NA	40' CT	NA	65%	REMAIN					
LD-16	103A	SABAL PALM	Sabal palmetto	NA	10' CT		80%	REMAIN					
LD-16	104	WASHINGTONIA PALM	Washingtonia robusta	NA	50' CT	NA	65%	REMAIN					
LD-16	104A	TROPICAL ALMOND	Terminalia catappa	10	22	18	80%	REMAIN					
LD-16	105	WASHINGTONIA PALM	Washingtonia robusta	NA	40' CT	NA	65%	REMAIN					
LD-17	105A	CHRISTMAS PALM	Adonidia merrillii	NA	12' CT	5	70%	REMAIN					
LD-16	106	GREEN BUTTONWOOD	Conocarpus erectus	10	20	20	65%	REMAIN		DAMAGE			
LD-16	107	GREEN BUTTONWOOD	Conocarpus erectus	NA	20	20	65%	REMAIN		DAMAGE			
LD-16	107A	GREEN BUTTONWOOD	Conocarpus erectus	NA	20' CT	20	65%	REMAIN		DAMAGE			
LD-16	107B	GREEN BUTTONWOOD	Conocarpus erectus	NA	20' CT	20	65%	REMAIN		DAMAGE			
LD-16	108	WASHINGTONIA PALM	Washingtonia robusta	NA	40	NA	65%	REMAIN					
LD-16	108A	WASHINGTONIA PALM	Washingtonia robusta	NA	40' CT	NA	65%	REMAIN					
LD-18	109	WASHINGTONIA PALM	Washingtonia robusta	NA	40' CT	NA	65%	REMAIN					
LD-18	110	GREEN BUTTONWOOD	Conocarpus erectus	10	20' CT	20	65%	REMAIN					
LD-18	113	WASHINGTONIA PALM	Washingtonia robusta	NA	40' CT	NA	65%	REMAIN					
LD-18	114	COCONUT PALM	Cocos nucifera	NA	25' CT	NA	65%	REMAIN					
LD-18	115	COCONUT PALM	Cocos nucifera	NA	25' CT	NA	65%	REMAIN					
LD-18	116	COCONUT PALM	Cocos nucifera	NA	25' CT	NA	65%	REMAIN					
LD-18	117	COCONUT PALM	Cocos nucifera	NA	22' CT	NA	65%	REMAIN					
LD-18	118	COCONUT PALM	Cocos nucifera	NA	15' CT	NA	65%	REMAIN					
LD-19	119	COCONUT PALM	Cocos nucifera	NA	10	NA	65%	REMAIN					
LD-19	120	COCONUT PALM	Cocos nucifera	NA	35	NA	65%	REMAIN					
LD-19	121	SILVER BUTTONWOOD	Conocarpus erectus sericeous	1	10	3	65%	REMAIN					
LD-19	122	SILVER BUTTONWOOD	Conocarpus erectus sericeous	1	10	3	65%	REMAIN					
LD-19	123	SILVER BUTTONWOOD	Conocarpus erectus sericeous	0.5	9	5	65%	REMAIN					
LD-19	124	SILVER BUTTONWOOD	Conocarpus erectus sericeous	1.5	9	4	65%	REMAIN					
LD-19	125	PITCH APPLE	Clusia rosea	9,6,6	30	35	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE			
LD-19	126	PITCH APPLE	Clusia rosea	14,11,9	30' CT	35	65%	REMAIN		MULTI-TRUNK, PROP ROOTS			
LD-19	127	SILVER BUTTONWOOD	Conocarpus erectus sericeous	14	20' CT	15	65%	REMAIN		MAJOR LEAN, SHADED, CO-DOM.			
LD-19	128	DATE PALM	Phoenix dactylifera "Medjool	NA	32	18	65%	REMAIN					
LD-19	129	ROYAL PALM	Roystonea elata	NA	32	18	65%	REMAIN					
LD-19	129A	ROYAL PALM	Roystonea elata	NA	30	NA	65%	REMAIN					
LD-19	129B	GREEN BUTTONWOOD	Conocarpus erectus	26	45' CT	40	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-19	129C	PITCH APPLE	Clusia rosea	14	25	35	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-19	129D	SILVER BUTTONWOOD	Conocarpus erectus sericeous	14	15	25	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-19	129E	PYGMY DATE PALM	Phoenix roebelenii	NA	8	NA	65%	REMAIN					
LD-19	129F	GREEN BUTTONWOOD	Conocarpus erectus	5	25	18	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-19	129G	GREEN BUTTONWOOD	Conocarpus erectus	6	25	15	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-20	130	FICUS SPP.	Ficus aurea	24	20	25	65%	REMAIN					
LD-20	131	BLACK OLIVE	Bucida buceras	14	30' CT	20	65%	REMAIN					
LD-20	132	SPANISH BAYONET	Yucca aloifolia	4,3,2,2,2	12' CT	8	65%	REMAIN					
LD-20	132A	MAHOGANY	Swietenia mahagoni	28	32	30	65%	REMAIN		CO-DOM., PROP ROOTS, BRANCH DAMAGE			
LD-20	133	SABAL PALM	Sabal palmetto	NA	18	NA	65%	REMOVE	PALM				
FDOT Permit Number 2022-L-491-00013													
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART	SHEET NO. LD-56		
DATE	DESCRIPTION		DATE				DESCRIPTION		ROAD NO. COUNTY FINANCIAL PROJECT ID				
									SR A1A BROWARD N/A				

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TREE DISPOSITION TABLE												
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES		
LD-20	136	NORFOLK ISLAND PINE	<i>Araucaria heterophylla</i>	6	30	10	65%	REMAIN				
LD-20	136A	GUMBO LIMBO	<i>Bursera simaruba</i>			20	80%	REMAIN				
LD-20	137	QUEEN PALM	<i>Arecastrum romanzoffianum</i>	NA	15 ' CT	NA	65%	REMAIN				
LD-20	138	GREEN BUTTONWOOD	<i>Conocarpus erectus</i>	8,9	30	20	65%	REMAIN		CO-DOM., SURFACE ROOTS		
LD-20	139	PINK TABEBUIA	<i>Tabebuia heterophylla</i>	7	20	15	65%	REMAIN		SHADED, INCLUDED BARK		
LD-20	139A	PINK TABEBUIA	<i>Tabebuia heterophylla</i>	7	20	15	65%	REMAIN		SHADED, INCLUDED BARK		
LD-20	140	SABAL PALM	<i>Sabal palmetto</i>	8	15 ' CT	12	50%	REMAIN		POOR STRUCTURE, INCLUDED BARK, SHADED		
LD-20	140A	GROUP		NA	6 TO 12	NA	65%	REMAIN		SCAVOLI, ARECA		
LD-21	140B	GROUP		NA	6 TO 8	NA	65%	REMAIN		ARECA, SABAL		
LD-21	143	LIVE OAK	<i>Quercus virginiana</i>	6	30 ' CT	30	65%	REMAIN				
LD-21	143A	GROUP		6 TO 22			65%	REMAIN		ARECA, SNAKE TREE, CROTON, BAMBOO, WILD COFFEE, SABALS, SEA GRAPE		
LD-21	143B	FICUS SPP.	<i>Ficus aurea</i>	40	40 ' CT	50	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE		
LD-21	143C	GROUP		6 TO 18			65%	REMAIN		BRAZILIAN BEAUTY LEAF, SEA GRAPE, BRAZILIAN PEPPER, SABAL, COCOPLUM		
LD-21	143D	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	12	NA	65%	REMAIN				
LD-21	143E	SEAGRAPE	<i>Coccoloba uvifera</i>	30	35	40	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE		
LD-21	144	ROYAL PALM	<i>Roystonea elata</i>	NA	30	NA	65%	REMAIN				
LD-21	145	PONGAM	<i>Pongamia pinnata</i>	12	40	40	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE		
LD-21	146	ARECA PALM	<i>Chrysalidocarpus lutescens</i>	NA	30	NA	65%	REMAIN				
LD-21	147	ARECA PALM	<i>Chrysalidocarpus lutescens</i>	NA	32 ' CT	NA	65%	REMAIN				
LD-21	154	GROUP		6 TO 23			65%	REMAIN		PARADISE, COCONUT, SEA GRAPE, ARECA, ROYAL		
LD-21	155	FICUS SPP.	<i>Ficus aurea</i>	NA	45	45	65%	REMAIN				
LD-22	156	ROYAL PALM	<i>Roystonea elata</i>	NA	20	NA	65%	REMAIN				
LD-22	156A	SEAGRAPE	<i>Coccoloba uvifera</i>	8	18	12	80%	REMAIN				
LD-22	157	LAKE VIEW JASMINE	<i>Murraya paniculata</i>	6	NA	NA	65%	REMAIN				
LD-22	157A	SEAGRAPE	<i>Coccoloba uvifera</i>	8	18 ' CT	12	80%	REMAIN				
LD-22	158	FISHTAIL PALM	<i>Caryota mitis</i>	NA	12 ' CT	NA	65%	REMAIN				
LD-22	158A	TRAVELER'S PALM	<i>Ravenala madagascariensis</i>	10	22	16	80%	REMAIN				
LD-22	159	MONTGOMERY PALM	<i>Veitchia montgomeryana</i>	NA	15	NA	65%	REMAIN				
LD-22	160	UMBRELLA TREE	<i>Schefflera actinophylla</i>	5	12	8		REMAIN		CO-DOM.,PROP ROOTS, BRANCH DAMAGE		
LD-22	161	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	14	NA	65%	REMAIN				
LD-22	162	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	12 ' CT	NA	65%	REMAIN				
LD-23	163	GROUP		6 TO 18			65%	REMAIN		ARECA, COCONUT, SABAL		
LD-23	163A	GREEN BUTTONWOOD	<i>Conocarpus erectus</i>	8	18	10	65%	REMAIN				
LD-23	164	GROUP		3 TO 20			65%	REMAIN		ARECA, COCONUT, ROYAL POINCIANA, SABAL, BRAZILIAN BEAUTY LEAF, CROTON		
LD-23	164A	GREEN BUTTONWOOD	<i>Conocarpus erectus</i>	8	18	15	65%	REMOVE				
LD-23	165	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	21	32	41	65%	REMAIN				
LD-23	166	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	20	35 ' CT	40	65%	REMAIN		CO-DOM, PROP ROOT, BRANCH DAMAGE		
LD-23	167	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	6	NA	65%	REMAIN		TRIPLE		
LD-23	168	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	6 ' CT	NA	65%	REMAIN		TRIPLE		
LD-23	169	SABAL PALM	<i>Sabal palmetto</i>	NA	21 ' CT	NA	80%	REMOVE				
LD-23	170	SABAL PALM	<i>Sabal palmetto</i>	NA	15	NA	80%	REMOVE				
LD-23	171	GREEN BUTTONWOOD	<i>Conocarpus erectus</i>	14	25	15	65%	REMAIN				
LD-23	172	SILVER BUTTONWOOD	<i>Conocarpus erectus sericeous</i>	28	20	12	65%	REMAIN				
FDOT Permit Number 2022-L-491-00013												
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART		SHEET NO.	
DATE	DESCRIPTION		DATE			DESCRIPTION		ROAD NO.			COUNTY	FINANCIAL PROJECT ID
								SR A1A			BROWARD	N/A

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.001, F.A.C.

TREE DISPOSITION TABLE										
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES
LD-24	173	SABAL PALM	<i>Sabal palmetto</i>	NA	21 ' CT	NA	80%	REMAIN		
LD-24	174	SABAL PALM	<i>Sabal palmetto</i>	NA	23 ' CT	NA	80%	REMAIN		
LD-24	175	SABAL PALM	<i>Sabal palmetto</i>	NA	23 ' CT	NA	80%	REMAIN		
LD-24	176	SABAL PALM	<i>Sabal palmetto</i>	NA	22 ' CT	NA	80%	REMAIN		
LD-24	178	SABAL PALM	<i>Sabal palmetto</i>	NA	21 ' CT	NA	80%	REMAIN		
LD-24	179	SABAL PALM	<i>Sabal palmetto</i>	NA	10 ' CT	NA	80%	REMAIN		
LD-24	180	SABAL PALM	<i>Sabal palmetto</i>	NA	19 ' CT	NA	80%	REMAIN		
LD-24	181	MONTGOMERY PALM	<i>Veitchia montgomeryana</i>	NA	32' CT	NA	65%	REMAIN		
LD-24	182	COCONUT PALM	<i>Cocos nucifera</i>	NA	24 ' CT	NA	65%	REMAIN		
LD-24	183	COCONUT PALM	<i>Cocos nucifera</i>	NA	15 ' CT	NA	65%	REMAIN		
LD-24	184	COCONUT PALM	<i>Cocos nucifera</i>	NA	18 ' CT	NA	65%	REMAIN		
LD-24	185	COCONUT PALM	<i>Cocos nucifera</i>	NA	18 ' CT	NA	65%	REMAIN		
LD-24	186	COCONUT PALM	<i>Cocos nucifera</i>	NA	23 ' CT	NA	65%	REMAIN		
LD-24	187	COCONUT PALM	<i>Cocos nucifera</i>	NA	23 ' CT	NA	65%	REMAIN		
LD-24	188	COCONUT PALM	<i>Cocos nucifera</i>	NA	20 ' CT	NA	65%	REMAIN		
LD-24	189	COCONUT PALM	<i>Cocos nucifera</i>	NA	16 ' CT	NA	65%	REMAIN		
LD-24	190	COCONUT PALM	<i>Cocos nucifera</i>	NA	14 ' CT	NA	65%	REMAIN		
LD-24	191	COCONUT PALM	<i>Cocos nucifera</i>	NA	18 ' CT	NA	65%	REMAIN		
LD-24	192	COCONUT PALM	<i>Cocos nucifera</i>	NA	25 ' CT	NA	65%	REMAIN		
LD-24	193	COCONUT PALM	<i>Cocos nucifera</i>	NA	24 ' CT	NA	65%	REMAIN		
LD-25	194	COCONUT PALM	<i>Cocos nucifera</i>	NA	24 ' CT	NA	65%	REMAIN		
LD-25	195	COCONUT PALM	<i>Cocos nucifera</i>	NA	23 ' CT	NA	65%	REMAIN		
LD-25	196	COCONUT PALM	<i>Cocos nucifera</i>	NA	24 ' CT	NA	65%	REMAIN		
LD-25	197	COCONUT PALM	<i>Cocos nucifera</i>	NA	22 ' CT	NA	65%	REMAIN		
LD-25	198	COCONUT PALM	<i>Cocos nucifera</i>	NA	21 ' CT	NA	65%	REMAIN		
LD-25	199	COCONUT PALM	<i>Cocos nucifera</i>	NA	26 ' CT	NA	65%	REMAIN		
LD-20	200	SABAL PALM	<i>Sabal palmetto</i>	NA	16 ' CT	NA	30%	REMOVE	PALM	
LD-20	201	SABAL PALM	<i>Sabal palmetto</i>	NA	16 ' CT	NA	30%	REMOVE	PALM	
LD-20	201A	SABAL PALM	<i>Sabal palmetto</i>	NA	1 ' CT	NA	30%	REMOVE		TRUNK HEIGHT 0
LD-20	202	GROUP		NA	16	NA	65%	REMOVE	PALM	ARECA CLUSTER, CARRTOWOOD, BOUGAINVILLEA
LD-20	204	ORANGE GEIGER	<i>Cordia sebestena</i>	3	8	6	80%	REMOVE	3	
LD-20	205	ORANGE GEIGER	<i>Cordia sebestena</i>	5	18	10	80%	REMOVE	5	
LD-20	206	ROYAL PALM	<i>Roystonea elata</i>	NA	25	NA	65%	REMAIN		
LD-20	207	ARECA PALM	<i>Chrysalidocarpus lutescens</i>	NA	20	NA	65%	REMAIN		
LD-20	208	BRAZILIAN PEPPER	<i>Schinus terebinthifolius</i>	5	18	22	65%	REMOVE	5	
LD-20	209	FICUS SPP.	<i>Ficus aurea</i>	16	25	30		REMOVE	16	MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE
LD-21	210	SABAL PALM	<i>Sabal palmetto</i>	15	NA	NA	80%	REMOVE	PALM	
LD-21	210A	AUSTRALIAN PINE	<i>Casuarina glauca</i>	6	15	10	65%	REMOVE	6	INVASIVE
LD-21	211	GROUP		6 TO 12	NA	NA	65%	REMOVE	20	ARECA, FICUS
LD-21	211A	GROUP		6 TO 12	NA	NA	65%	REMAIN		COCOPLUM
LD-21	212	SABAL PALM	<i>Sabal palmetto</i>	NA	18	NA	65%	REMOVE	PALM	
LD-21	213	GROUP		4 TO 22	NA	NA	65%	REMOVE	PALM	SOLITAIRE. FICUS HEDGE, CHRISTMAS
LD-21	214	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	17	NA	65%	REMOVE	PALM	
LD-21	215	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	6 ' CT	NA	65%	REMOVE	PALM	TRIPLE
LD-21	216	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	14	17 ' CT	25	65%	REMOVE	14	MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE
LD-21	217	CHRISTMAS PALM	<i>Adonidia merrillii</i>	NA	17	NA	65%	REMOVE	PALM	
LD-22	218	BLACK OLIVE-SHADY LADY	<i>Bucida buceras</i>	14	35 ' CT	25	65%	REMOVE	14	MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE
LD-22	219A	GROUP		6 TO 18			65%	REMAIN		CLUSIA, FOXTAIL, CHRISTMAS
LD-22	219B	GROUP					65%	REMOVE	PALM	ARECA, SOLITAIRE, SEAGRAPE
LD-22	220	GROUP		10	NA	NA	65%	REMOVE	PALM	SABAL

FDOT Permit Number 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART	SHEET NO.	
DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.		COUNTY	FINANCIAL PROJECT ID
							SR A1A		BROWARD	N/A

LD-58

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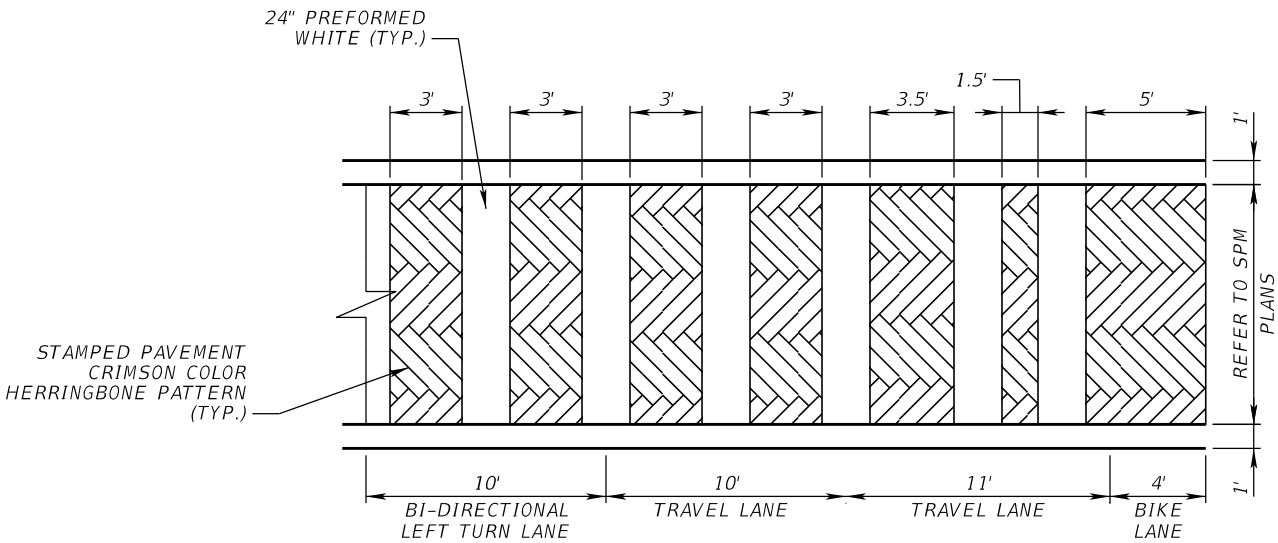
TREE DISPOSITION TABLE										
SHEET NUMBER	TREE #	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	HT (FT) TREE (CT) PALM	CANOPY SPREAD (FT)	TREE CONDITION (%)	TREE DISPOSITION	TREE APPRAISAL/ MITIGATION (DBH INCHES)	NOTES
LD-23	221	GROUP			NA	NA	65%	REMOVE*	65	GUMBO LIMBO, SABAL, WHITE BIRD OF PARADISE, SOLITAIRE, PARADISE TREE, OAK, SPANISH STOPPER, FICUS
LD-23	221A	GROUP			NA	NA	65%	REMAIN		GUMBO LIMBO
LD-23	222	GROUP			NA	NA	65%	REMAIN		ARECA, CLUSIA
LD-23	223	GROUP			NA	NA	65%	REMAIN		SEA GRAPE, COCONUT
LD-23	224	GROUP			NA	NA	65%	REMAIN		SABAL, FICUS SPP., COCOPLUM, CRAPE MYRTLE
LD-23	225	GROUP			NA	NA	65%	REMAIN		GUMBO LIMBO, BRAZILIAN PEPPER, PARADISE TREE, BANANA
LD-24	226	GROUP			NA	NA	65%	REMAIN		SABAL
LD-24	227	SILVER BUTTONWOOD	Conocarpus erectus sericeous	1.5	7	4	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE
LD-24	228	SILVER BUTTONWOOD	Conocarpus erectus sericeous	1.5	7	4	65%	REMAIN		MULTI-TRUNK, PROP ROOTS, BRANCH DAMAGE
LD-24	229	SABAL PALM	Sabal palmetto	NA	12 ' CT	NA	80%	REMAIN		
*Extent of removals to be determined in field with Landscape Architect.										

TREE REMOVAL SUMMARY	
((1)caliper inch required per (1)DBH inch removed, Non-Specimen) TOTAL DBH TO BE REMOVED	156
TOTAL DOLLAR VALUE OF SPECIMEN TREES TO BE REMOVED	\$0.00
TOTAL QTY OF PALMS TO BE REMOVED	56
TOTAL QTY OF PALMS TO BE RELOCATED	0
PROPOSED TREE SUMMARY	
TOTAL CALIPER INCHES OF MITIGATION TREES PROPOSED	156
TOTAL VALUE OF PROPOSED TREES AND PALMS	\$47,250.00
TOTAL NUMBER OF PALMS PROPOSED	65

FDOT Permit Number 2022-L-491-00013

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 GEOFF CAMPBELL R.L.A NO 6667219	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TREE DISPOSITION CHART	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	N/A		LD-59

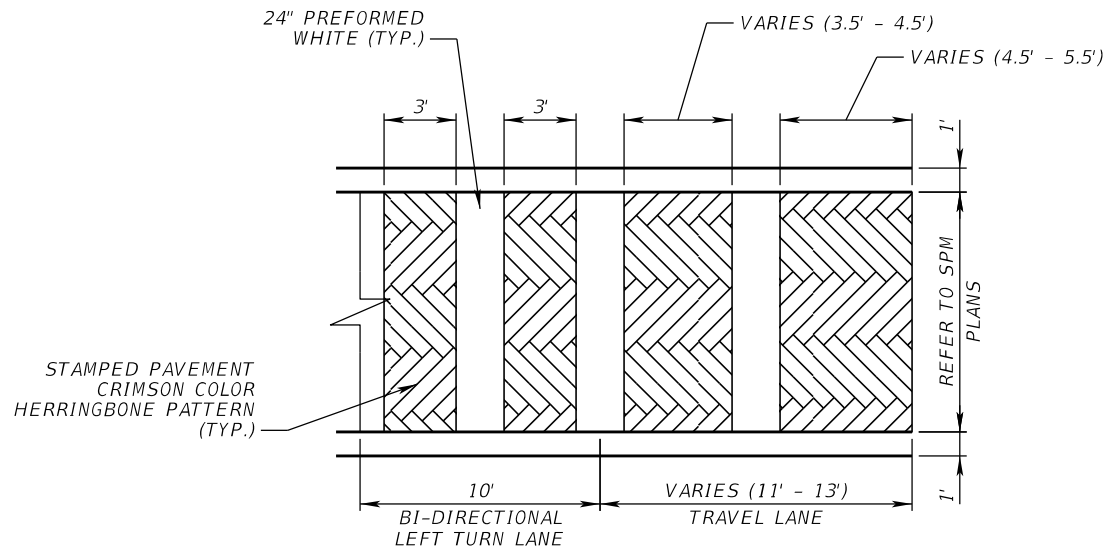
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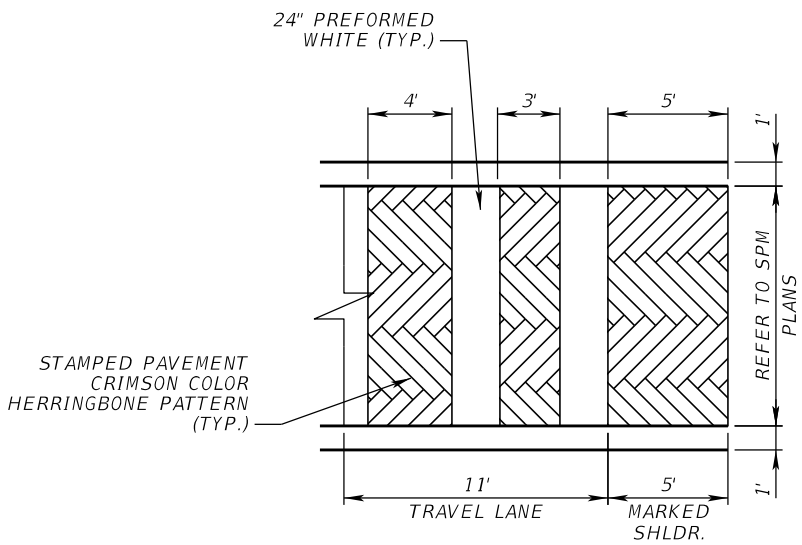
STAMPED PAVEMENT NOTES:

PROVIDE A STAMPED PAVEMENT COLOR SAMPLE TO THE ENGINEER FOR APPROVAL PRIOR TO FURNISHING AND INSTALLING. REQUEST THAT THE ENGINEER COORDINATE WITH THE CITY OF POMPAÑO BEACH FOR APPROVAL. SEE GENERAL NOTES FOR CONTACT INFORMATION.

DETAIL 1



DETAIL 2



DETAIL 3

SPECIAL EMPHASIS CROSSWALK WITH STAMPED PAVEMENT
PLAN VIEW

REVISIONS				LORI J. TREVIRANUS, P.E. P.E. LICENSE NUMBER 73684 KEITH AND ASSOCIATES, INC. 301 EAST ATLANTIC BOULEVARD POMPAÑO BEACH, FL 33060	CITY OF POMPAÑO BEACH			SPECIAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NUMBER		
					SR A1A	BROWARD	19353		36

SECTION NO(S): 86050000
S.R. NO.(S): A1A
COUNTY: Broward
PERMIT NO.: 2022-L-491-00013

EXHIBIT C

PATTERNED PAVEMENT INSTALLATION

This Exhibit forms an integral part of the DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT between the Florida Department of Transportation and the AGENCY.

- (1) Prior to acceptance by the DEPARTMENT, all lanes for each of the stamped asphalt crossings projects shall be tested for friction in accordance with ASTM E 274-06. All costs for friction testing will be the responsibility of the AGENCY. The initial friction resistance shall be at least **35** obtained at 40 mph with a ribbed test tire (FN40R) or equivalent. Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Qualified Products List (QPL). All lanes receiving new installations shall again be friction tested within 60-90 days of their acceptance by the local AGENCY. The initial friction resistance of each new installation shall be at least **35** (FN40R) or equivalent. Failure to achieve this minimum resistance shall require all deficient areas be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the DEPARTMENT'S Qualified Products List (QPL) or replaced with conventional pavement.
- (2) The results of all friction tests and condition surveys shall be sent to the **Operations Engineer** at the local FDOT District Four Operations Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, with a cover letter either certifying that the crosswalks comply with the above stated requirements; or what remedial action will be taken to restore the friction and/or integrity of the crosswalk area.
- (3) When remedial action is required in accordance with the above requirements, the local AGENCY at its own expense shall complete all necessary repairs within 90 days of the date the deficiency was identified.
- (4) Should the local AGENCY fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the DEPARTMENT reserves the right to replace the patterned pavement with conventional pavement and bill the local AGENCY for this cost. No more than two full stamped asphalt pavement depth repairs shall be made to an area without first resurfacing the pavement to its full depth.

SECTION NO(S): 86050000
S.R. NO.(S): A1A
COUNTY: Broward
PERMIT NO.: 2022-L-491-00013

EXHIBIT D

PATTERNED PAVEMENT MAINTENANCE

This Exhibit forms an integral part of the DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT between the Florida Department of Transportation and the AGENCY.

"Maintenance" of all patterned pavement crosswalks in these Agreements shall be defined, as a minimum, to include its frictional characteristics and integrity as follows:

- (1) Within 60 days of project acceptance by the Department, all lanes of each patterned crosswalk shall be evaluated for surface friction. The friction test shall be conducted using either a locked wheel tester in accordance with **FM 5-592 (Florida Test Method for Friction Measuring Protocol for Patterned Pavements)** or Dynamic Friction Tester in accordance with **ASTM E1911**. **All costs for friction testing are the responsibility of the AGENCY.**
- (2) The initial friction resistance shall be at least **35** obtained at 40 mph with a ribbed tire test (FN40R) or equivalent (see FM 5-592). Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (land-by-land) and replaced with the same product installed initially. The AGENCY is responsible for all costs associated with the removal and replacement of the crosswalk. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Qualified Products List (QPL) or replaced with conventional pavement.
- (3) Approximately **one year** after project acceptance and **every two years** thereafter and for the life of the adjacent pavement, only the outside traffic lane areas of each patterned crosswalk shall be tested for friction resistance in accordance with **ASTM E274** or **ASTME 1911**. Friction resistance shall, at a minimum, have a FN40R value of **30** (or equivalent).
- (4) The results of all friction tests shall be sent to the **Operations Engineer** at the local FDOT District Four Operations Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, with a cover letter either certifying, that the crosswalks comply with the minimum friction criteria, or stating what remedial action will be taken to restore the friction.
- (5) Failure to achieve the minimum resistance shall require all lanes of the crosswalk to be friction tested to determine the extent of the deficiency. All deficient areas shall be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If the Department determines that more

than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the QPL, or replaced with conventional pavement.

- (6) When remedial action is required in accordance with the above requirements, the local agency shall complete all necessary repairs at its own expense within 90 days of the date when the deficiency was identified. No more than two full depth patterned pavement repairs shall be made to an area without first resurfacing the underlying pavement to 1" minimum depth.
- (7) The Department will not be responsible for replacing the treatment following any construction activities by the Department in the vicinity of the treatment, or any costs for testing.
- (8) Should the local agency fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the Department reserves the right to replace the patterned pavement with conventional pavement (matching the adjacent pavement) and bill the local agency for this cost.