

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

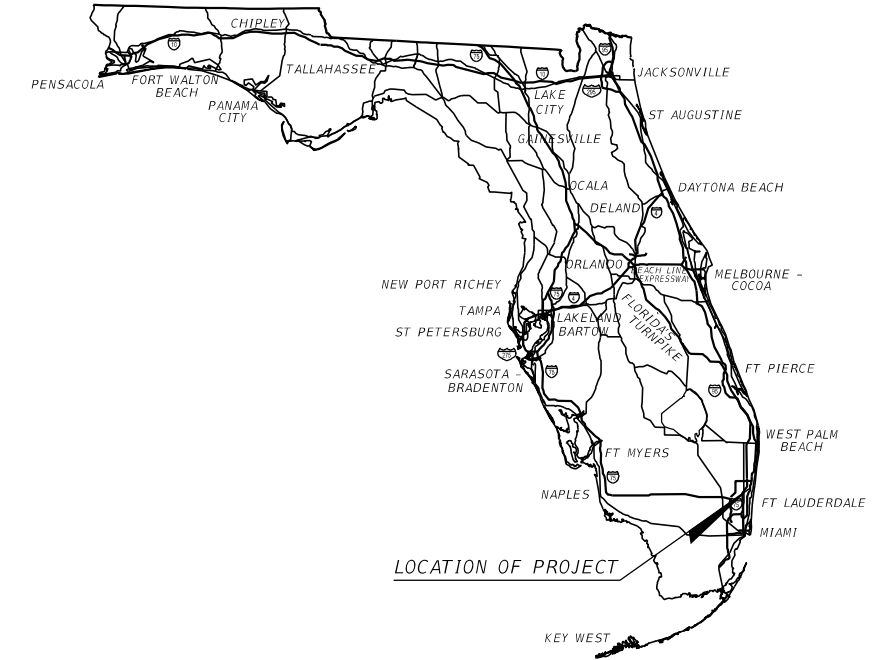
FINANCIAL PROJECT ID PB1935-3

BROWARD COUNTY

STATE ROAD NO. SR-A1A

MP 8.687 BEGINNING OF THE PROJECT

MP 9.888 FOR THE END OF THE PROJECT



INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
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LD-2 TO LD-13	LANDSCAPE PLAN
IRR-14 TO IRR-25	IRRIGATION PLAN
HSD-26 TO HSD-27	HARDSCAPE PLANS
T00-28	TABULATION OF QUANTITIES
LD-29 TO LD-33	NOTES AND DETAILS
HSD-34 TO HSD-35	HARDSCAPE DETAILS

LANDSCAPE AND IRRIGATION PLANS

DESIGN SPEED = 35 MPH

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2022 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs:

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

LANDSCAPE PLANS

LANDSCAPE ARCHITECT OF RECORD:

KEITH AND ASSOCIATES, INC
 301 E ATLANTIC BLVD
 POMPANO BEACH, FL 33060
 (954) 788-3400
 MICHAEL J . PHILLIPS
 RLA NO. 0001540

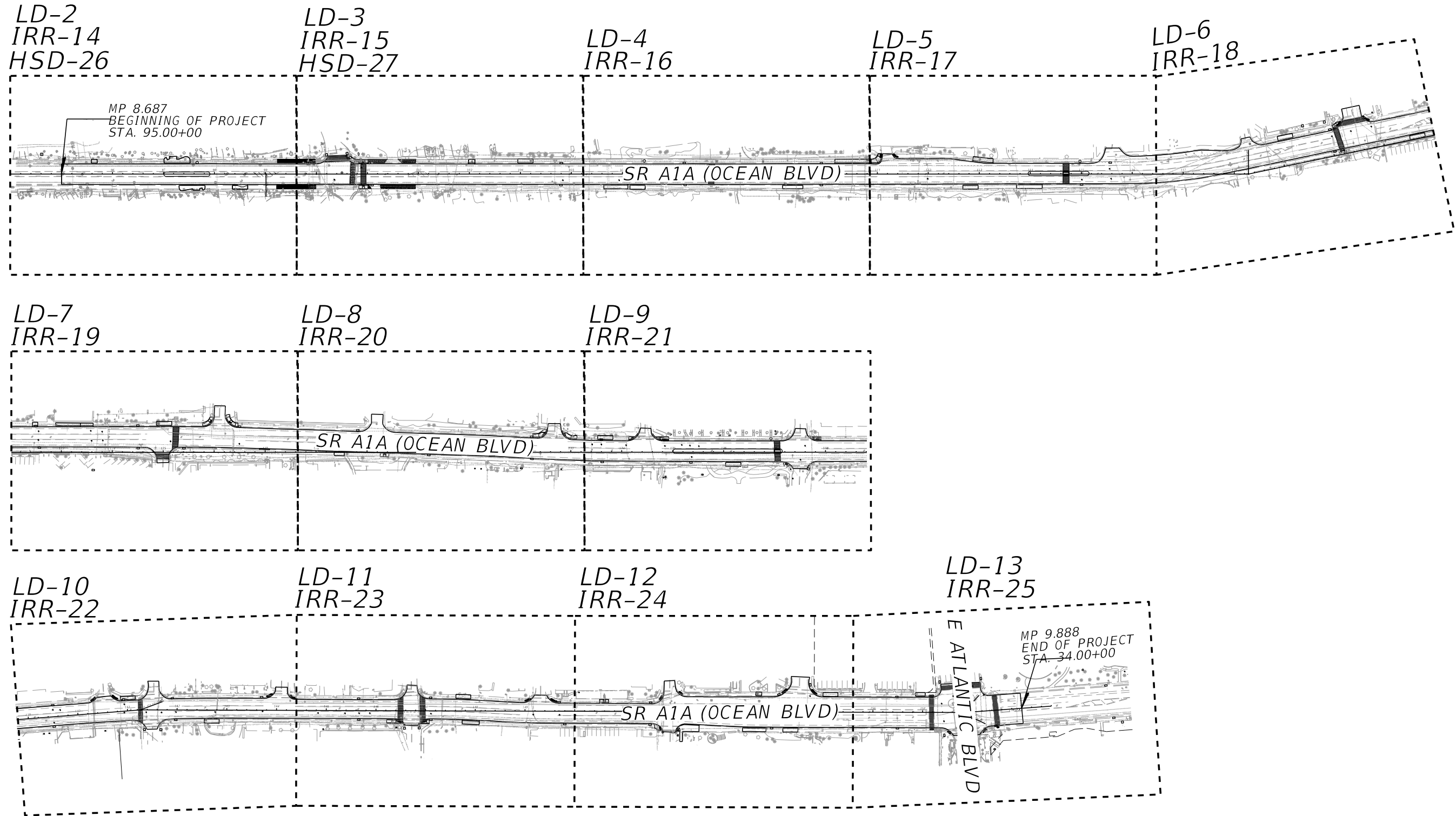


Know what's below.
 Call before you dig.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
PB1935-3	20	00

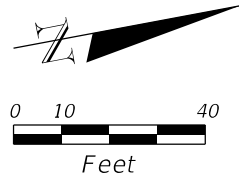
FDOT PERMIT NUMBER 2021-L-491-00003

LANDSCAPE AND IRRIGATION PLAN LAYOUT



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LAYOUT PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LD-1
					SR A1A	BROWARD	PB1935-3		

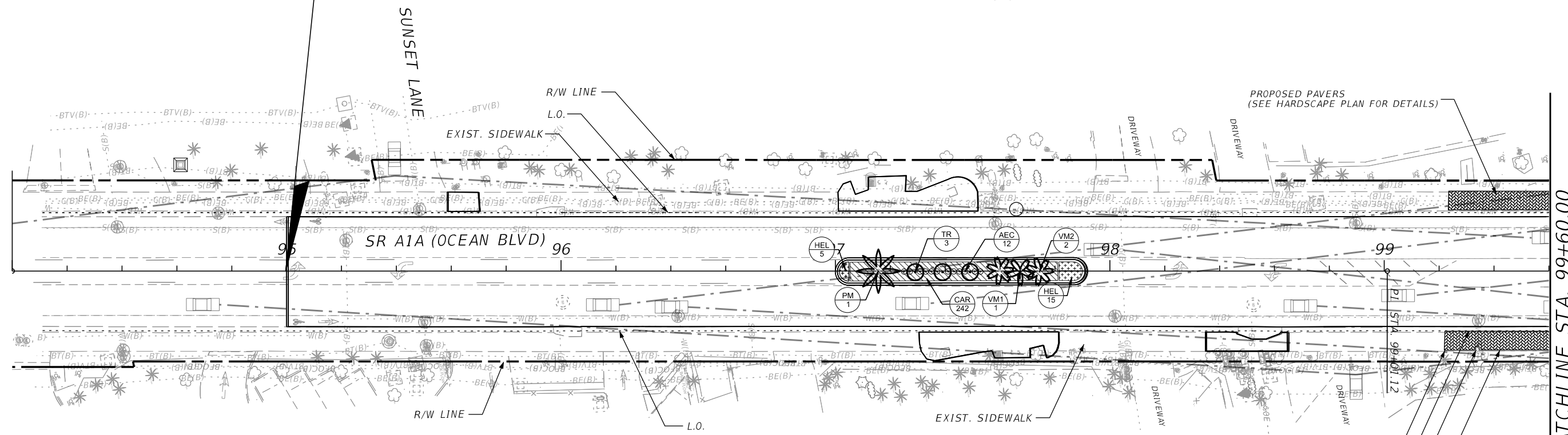
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



MP 8.687
BEGINNING OF THE PROJECT
STA. 95.00+00

EMERALD TOWER

RIO ESPANA CONDOMINIUM



LEGEND			
SYMBOL	PLANT MATERIAL		
	(PM) PHOENIX DACTYLIFERA 'MEDJ00L'		
	(TR) THINAX RADIATA		
	(VM1) VEITCHIA ARECINA		(VM2) VEITCHIA ARECINA
	(HEL) HELIANTHUS DEBILIS		(AEC) AECHEMEA BLANCHETIANA
	(CAR) CARISSA MACROCARPA		

HARDSCAPE LEGEND	
SYMBOL	DESCRIPTION
	HARDSCAPE AREA (SEE DETAILS) PATTERNED PAVEMENT MALT COLOR

SEE HARDSCAPE
DETAIL C
SEE HARDSCAPE
DETAIL A
SEE HARDSCAPE
DETAIL B
PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

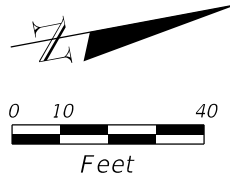
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

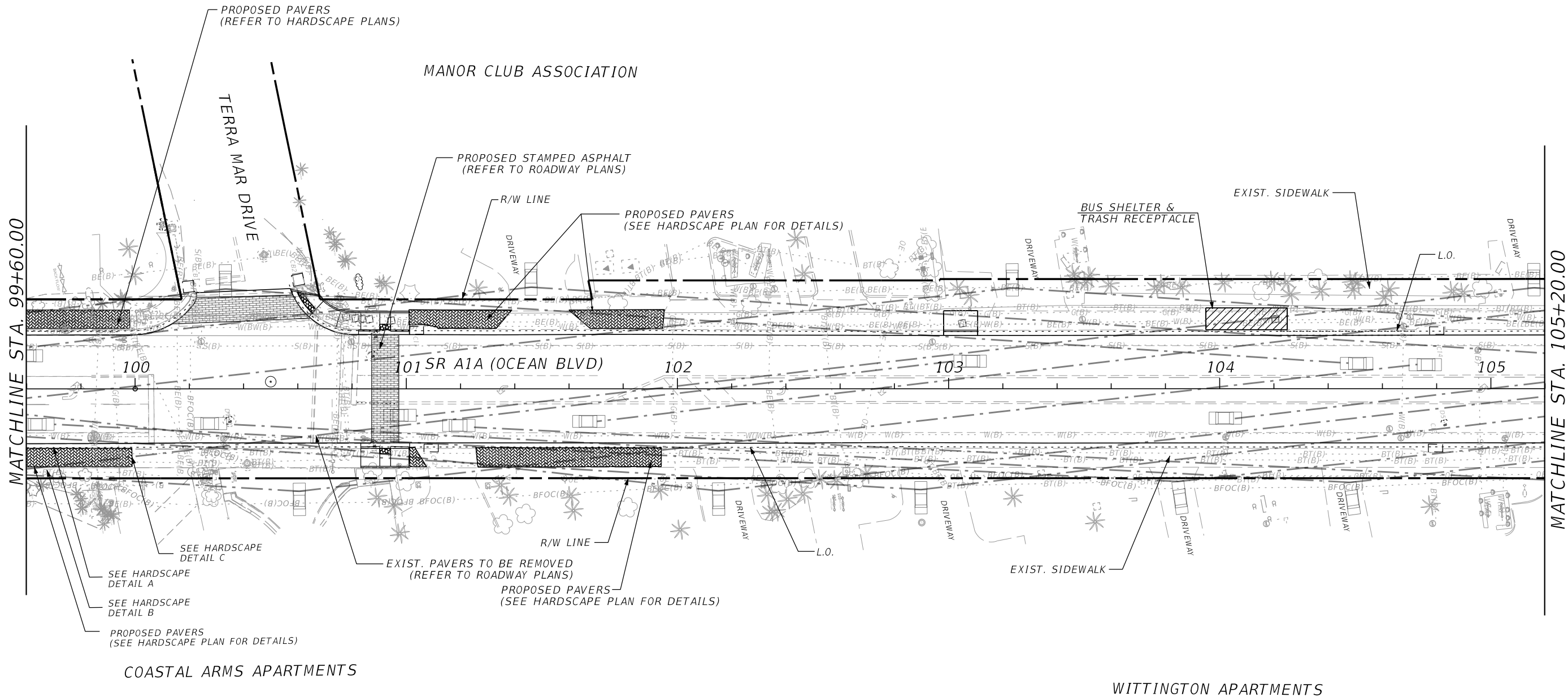
LANDSCAPE PLAN

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DELPHI TOWERS

MANOR CLUB ASSOCIATION



HARDSCAPE LEGEND	
SYMBOL	DESCRIPTION
	HARDSCAPE AREA (SEE DETAILS)
	PATTERNED PAVEMENT MALT COLOR

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE

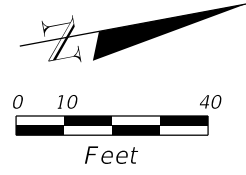


Know what's below.
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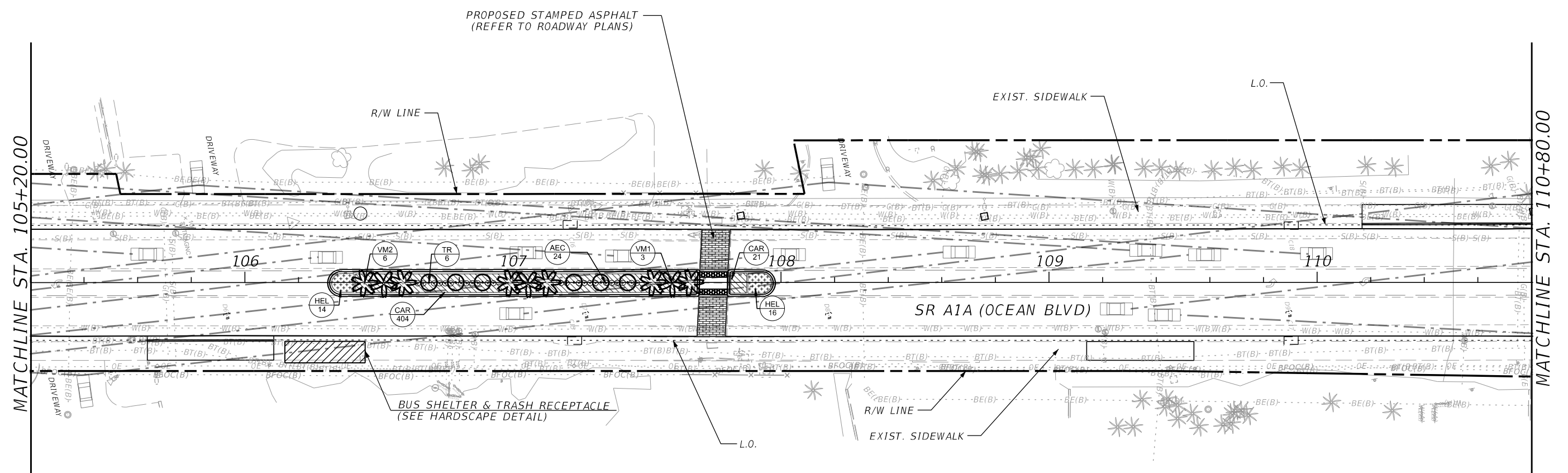
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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FIVE STAR PREMIER RESIDENCES OF POMPANO BEACH



LEGEND			
SYMBOL	PLANT MATERIAL		
	(PM) PHOENIX DACTYLIFERA 'MEDJOO'		
	(TR) THINAX RADIATA		
	(VM1) VEITCHIA ARECINA		(VM2) VEITCHIA ARECINA
	(HEL) HELIANTHUS DEBILIS		(AEC) AECHEA BLANCHETIANA
	(CAR) CARISSA MACROCARPA		

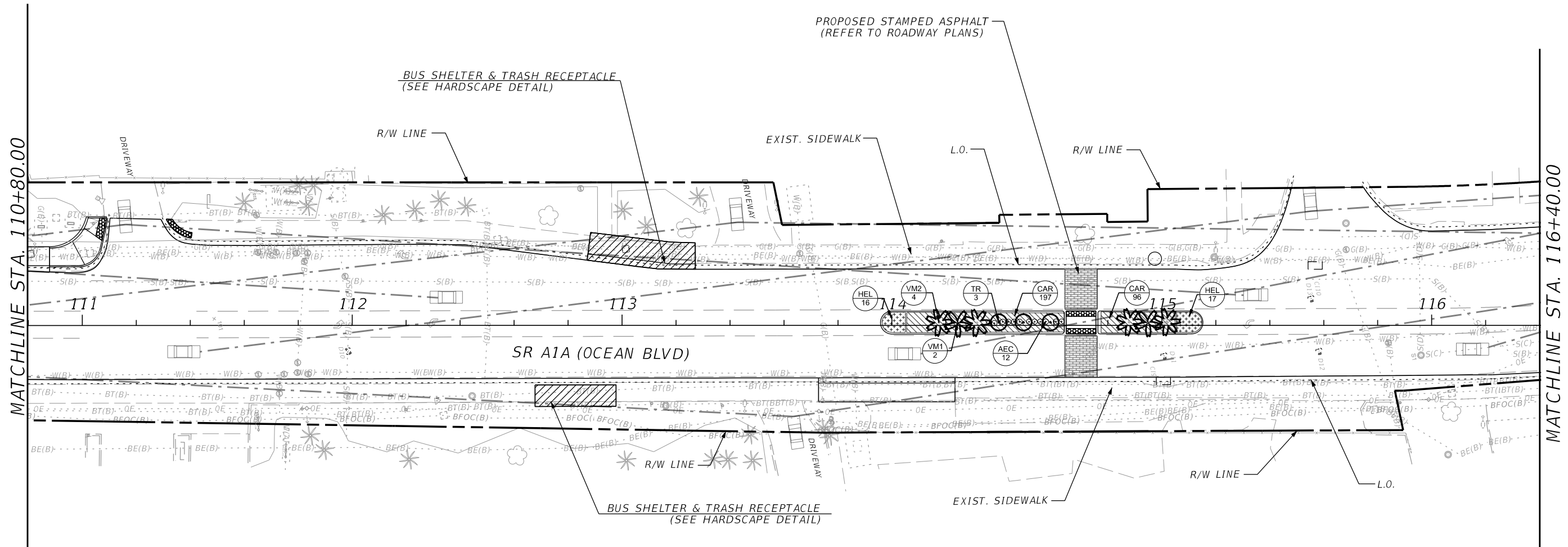
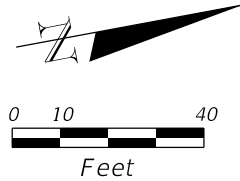
RENAISSANCE II

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 - 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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LEGEND			
SYMBOL	PLANT MATERIAL		
	(PM) PHOENIX DACTYLIFERA 'MEDJ00L'		
	(TR) THINAX RADIATA		
	(VM1) VEITCHIA ARECINA		(VM2) VEITCHIA ARECINA
	(HEL) HELIANTHUS DEBILIS		(AEC) AECHEA BLANCHETIANA
	(CAR) CARISSA MACROCARPA		

RENAISSANCE

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE

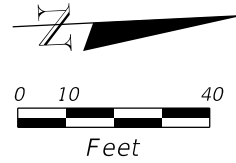


REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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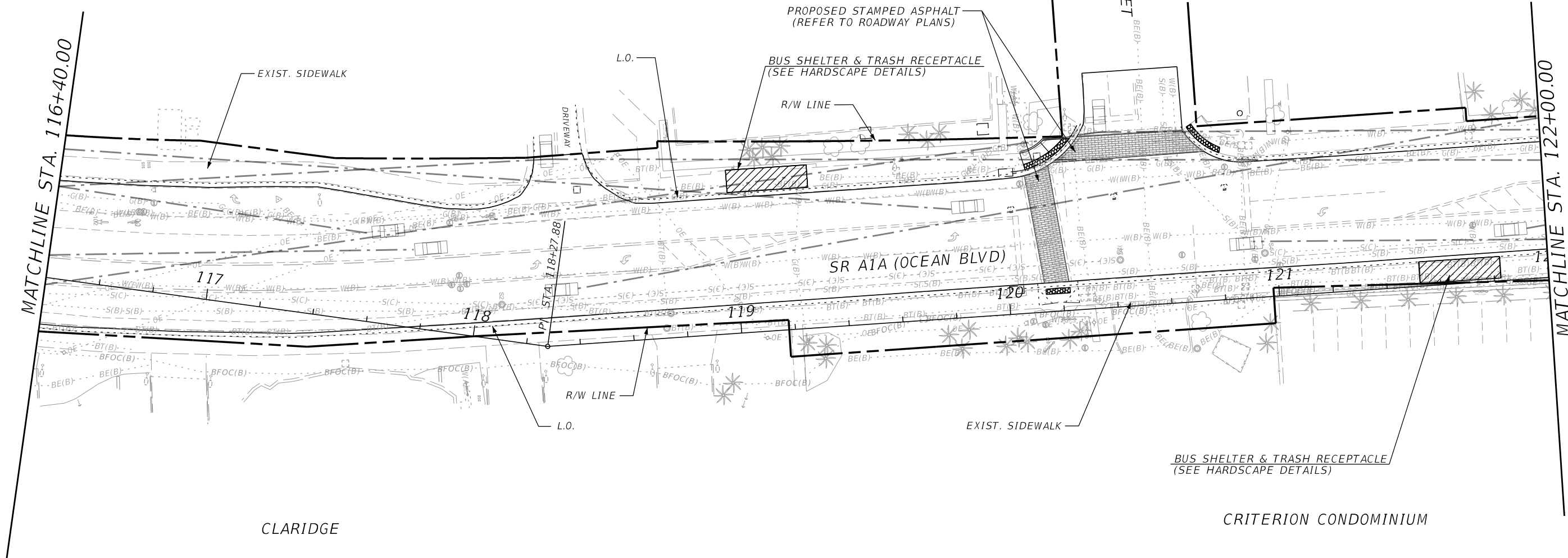
WYNDHAM SANTA BARBARA



SE 13TH STREET

MATCHLINE STA. 116+40.00

MATCHLINE STA. 122+00.00



CLARIDGE

CRITERION CONDOMINIUM

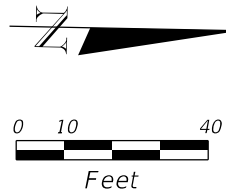
BUS SHELTER & TRASH RECEPTACLE
(SEE HARDSCAPE DETAILS)

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR A1A	BROWARD		PB1935-3

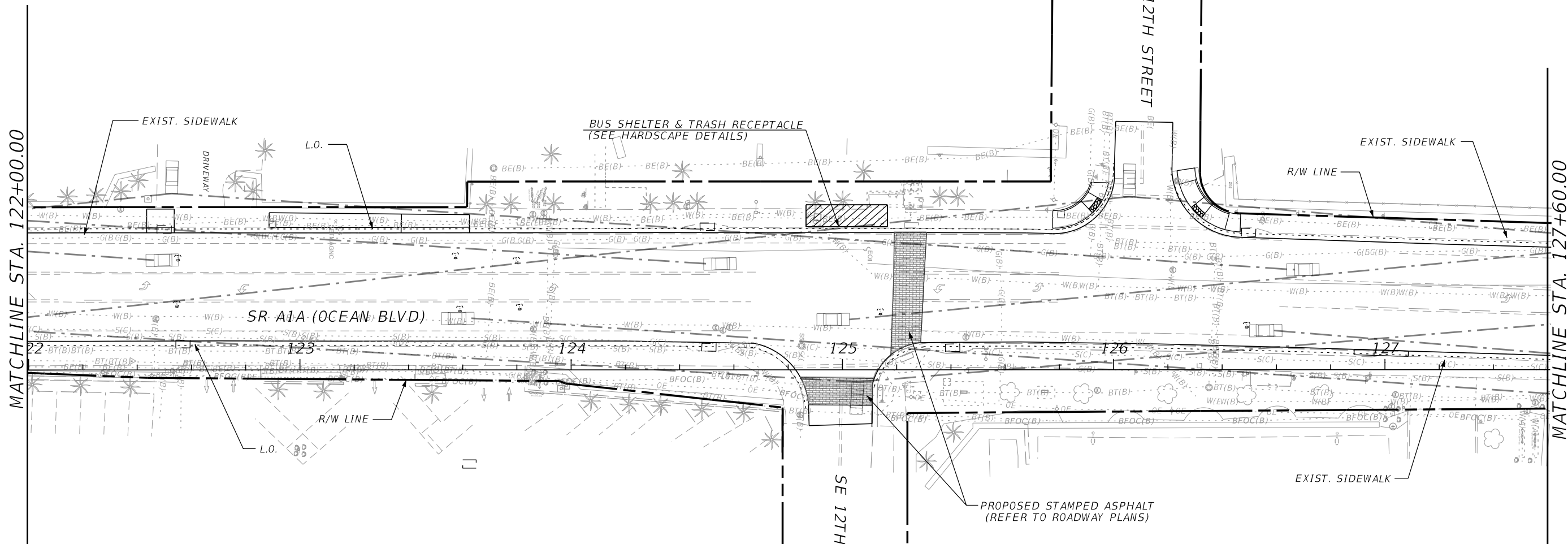
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LAKESIDE SHOPPES

MATCHLINE STA. 122+00.00

MATCHLINE STA. 127+60.00



BEACHCOMBER RESORT AND VILLAS

HILLSBORO RAINBOW ON THE OCEAN

SE 12TH STREET

SE 12TH STREET

EXIST. SIDEWALK

EXIST. SIDEWALK

BUS SHELTER & TRASH RECEPTACLE
(SEE HARDSCAPE DETAILS)

PROPOSED STAMPED ASPHALT
(REFER TO ROADWAY PLANS)

EXIST. SIDEWALK

SR A1A (OCEAN BLVD)

123

124

125

126

127

L.O.

R/W LINE

R/W LINE

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE

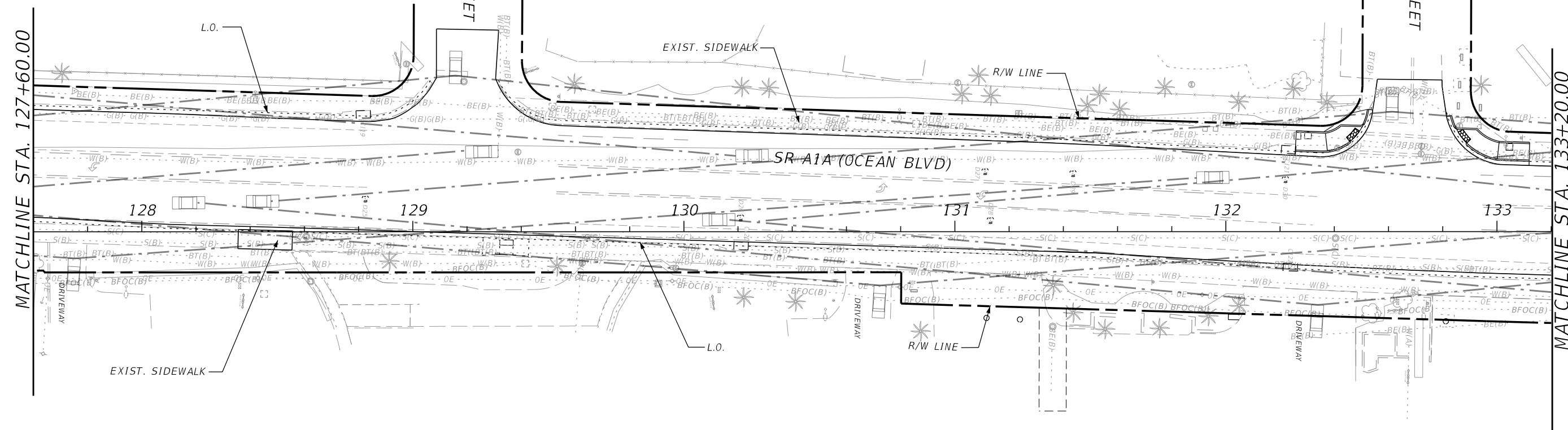
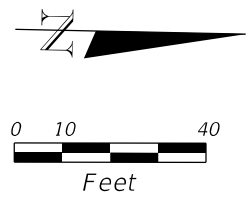


Know what's below.
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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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POMPANO AEGEAN CONDOMINIUM ASSOCIATION INC

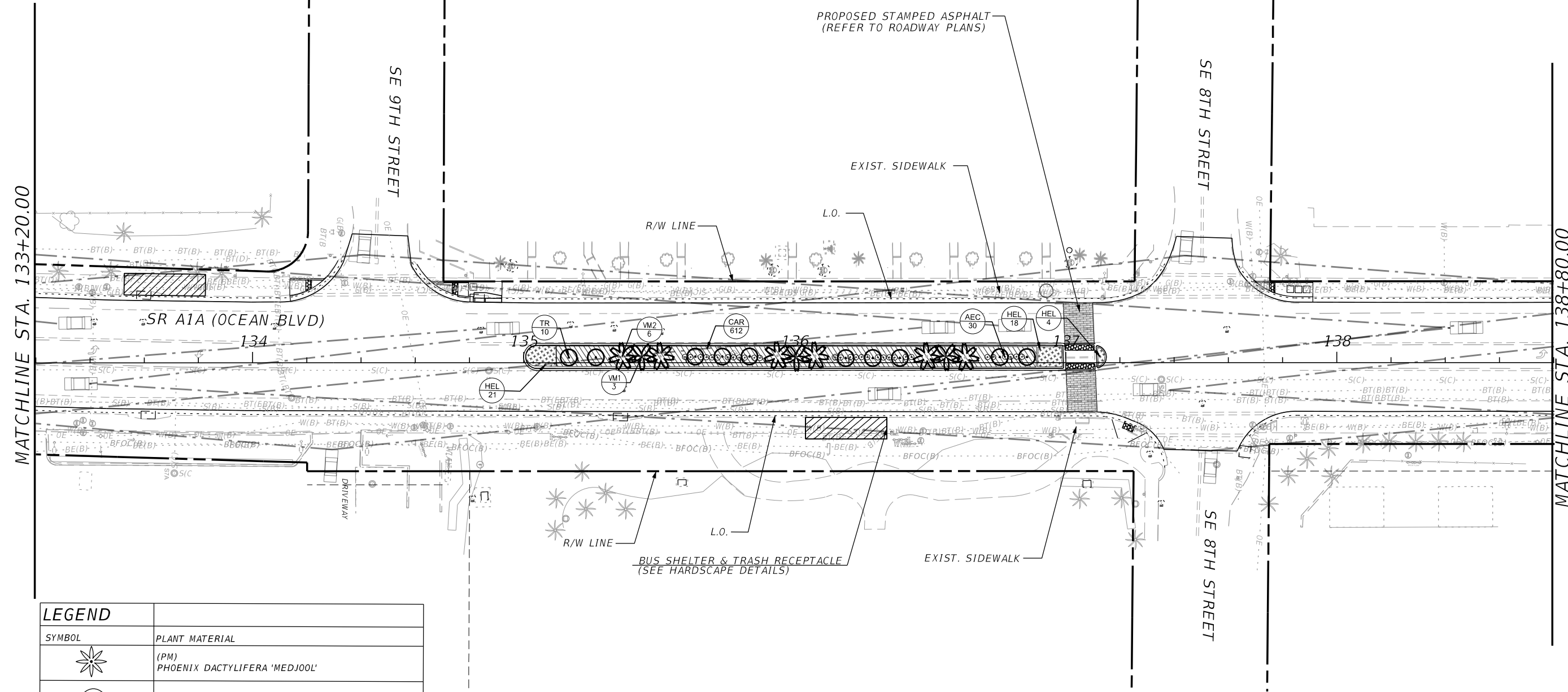
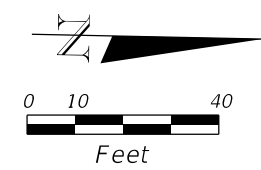
NOTE: SIGHT DISTANCE CRITERIA D=415 PER FDM CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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LEGEND			
SYMBOL	PLANT MATERIAL		
	(PM) PHOENIX DACTYLIFERA 'MEDJOO'		
	(TR) THINAX RADIATA		
	(VM1) VEITCHIA ARECINA		(VM2) VEITCHIA ARECINA
	(HEL) HELIANTHUS DEBILIS		(AEC) AECHEMEA BLANCHETIANA
	(CAR) CARISSA MACROCARPA		

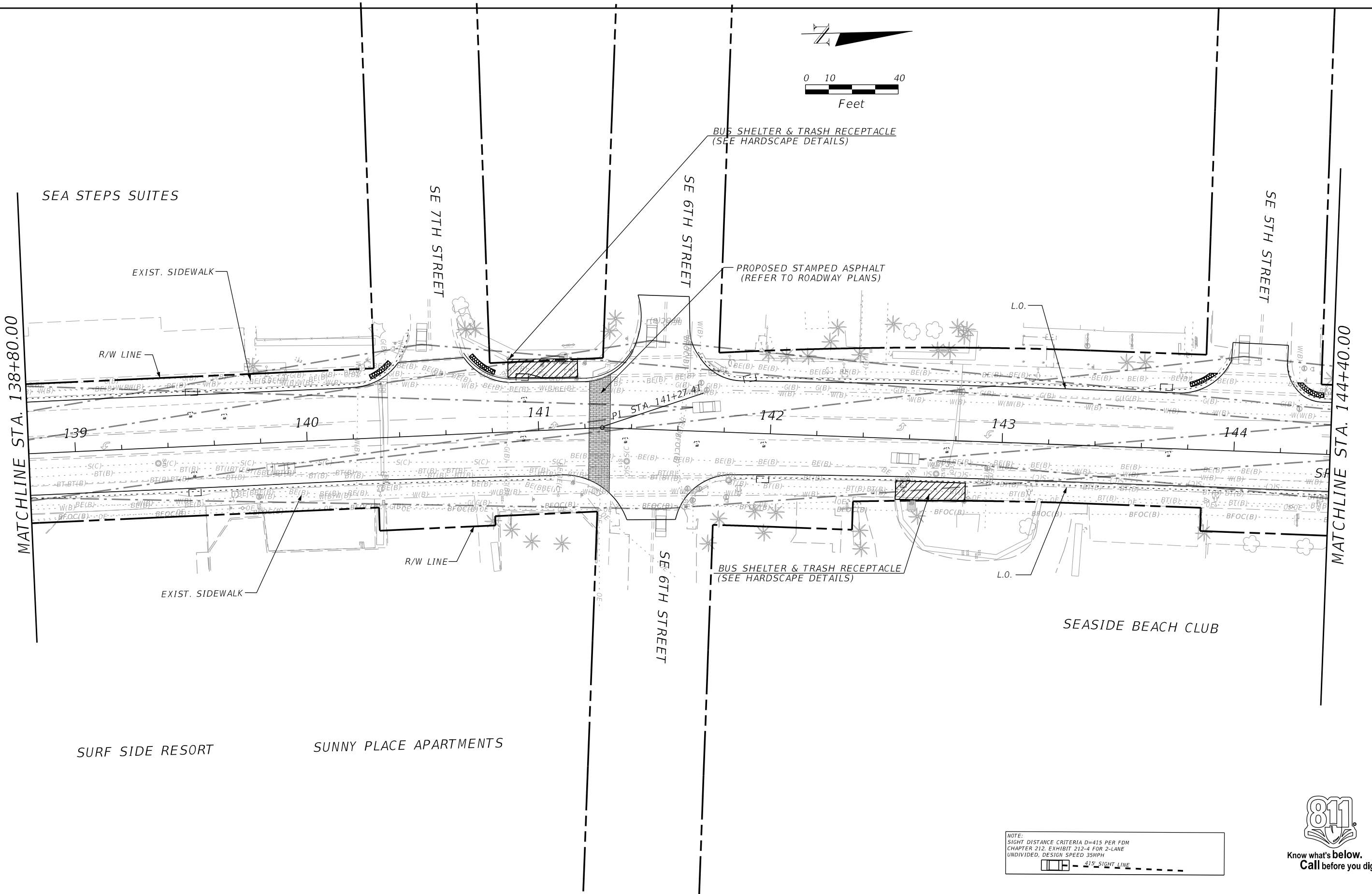
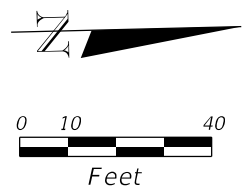
NOTE:
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CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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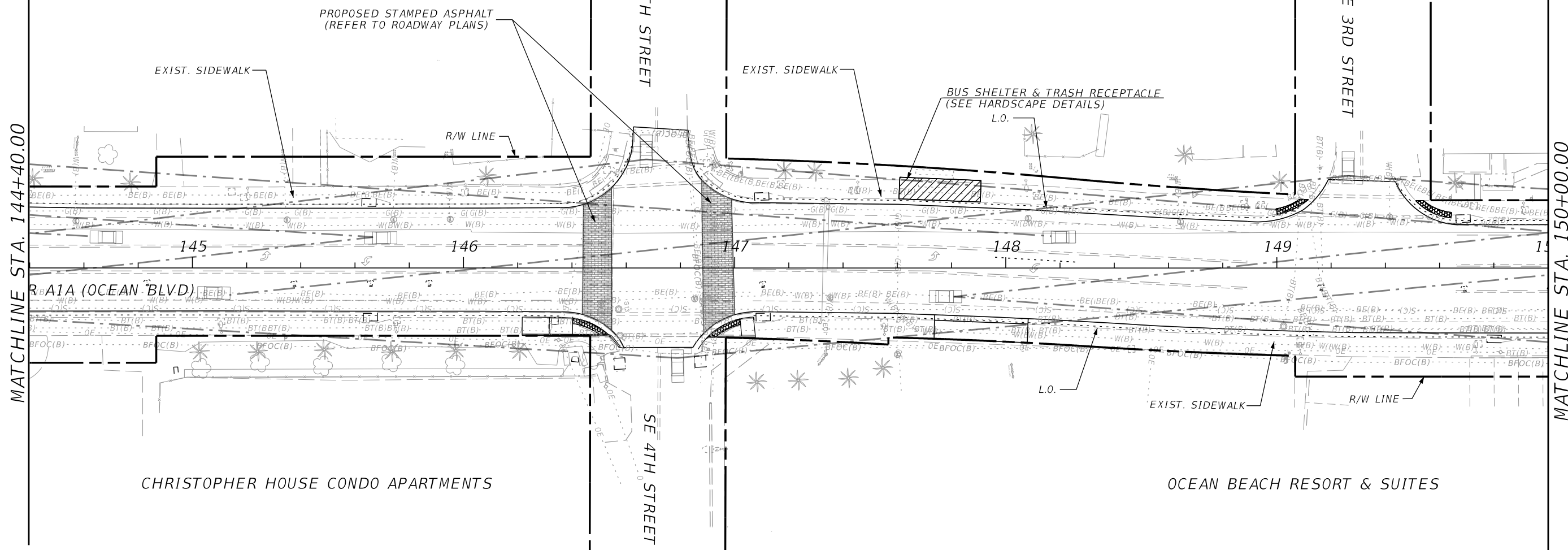
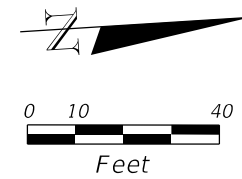


NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
[Symbol] - 415' SIGHT LINE



<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS		DATE	DESCRIPTION					KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		<h1>LANDSCAPE PLAN</h1>	SHEET NO. LD-10
REVISIONS		DATE	DESCRIPTION														
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID											
				SR A1A	BROWARD	PB1935-3											

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MATCHLINE STA. 144+40.00

MATCHLINE STA. 150+00.00

CHRISTOPHER HOUSE CONDO APARTMENTS

OCEAN BEACH RESORT & SUITES

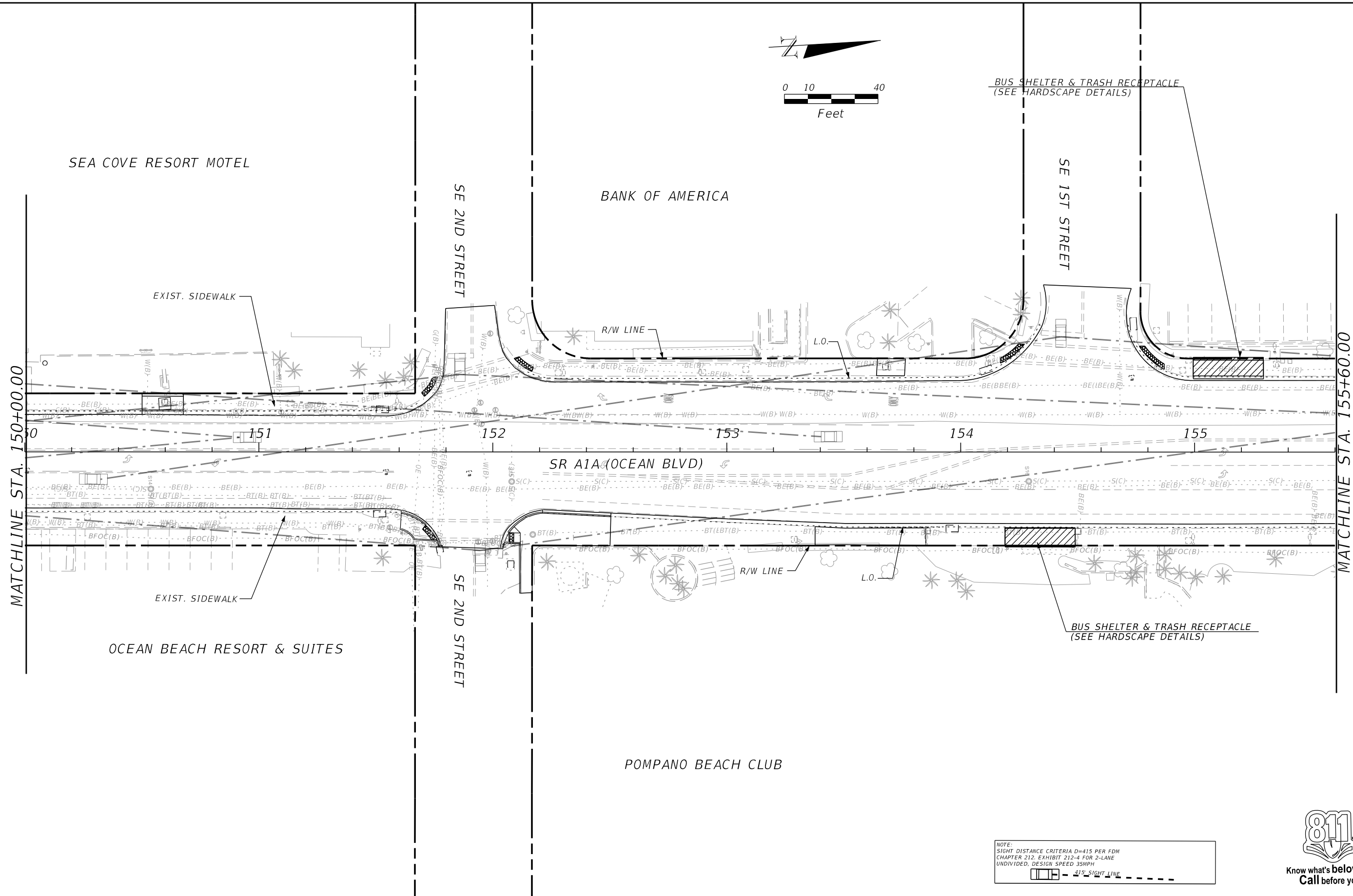
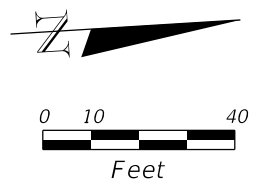
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CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

LANDSCAPE PLAN

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MATCHLINE STA. 150+00.00

MATCHLINE STA. 155+60.00

NOTE:
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CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

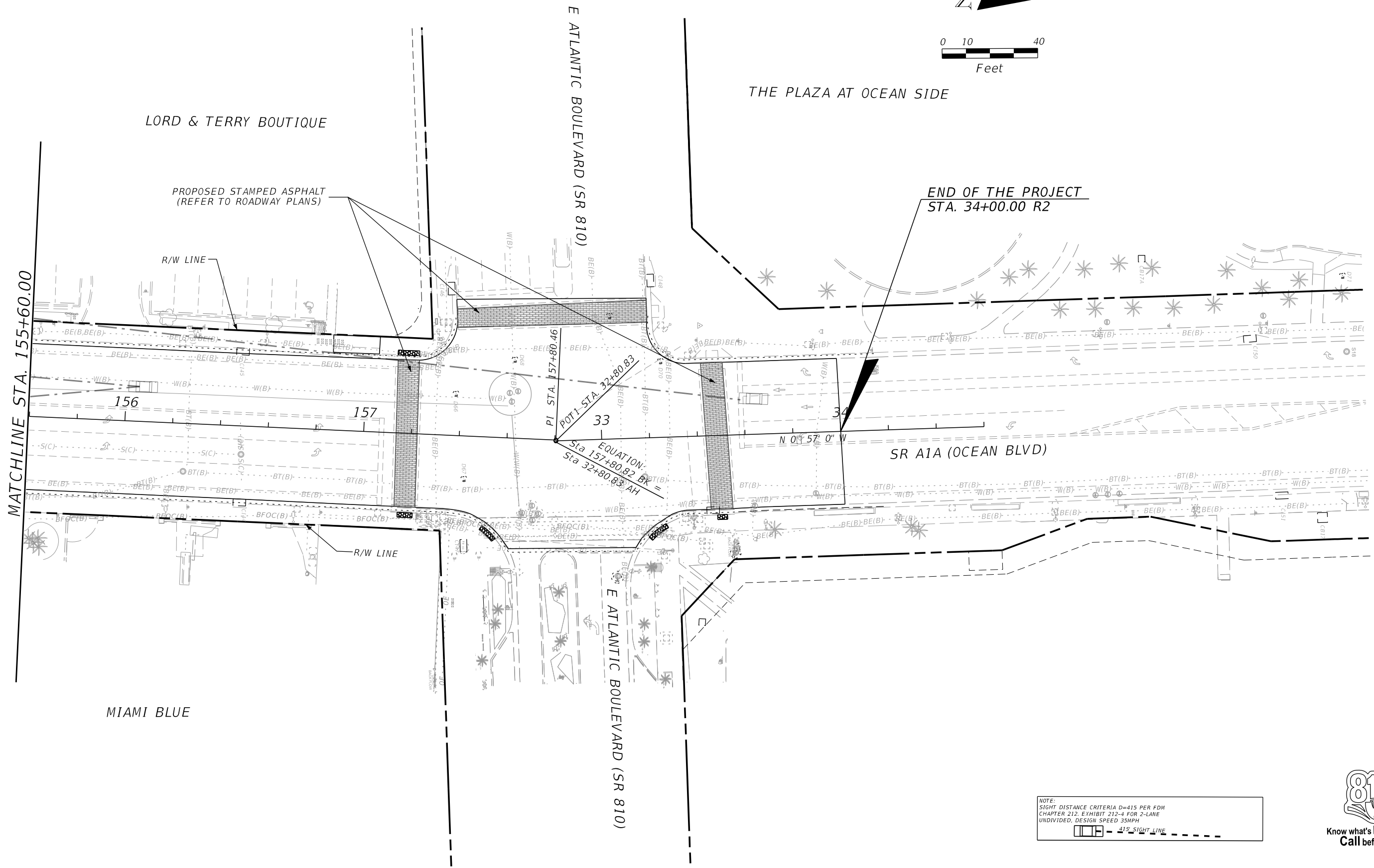
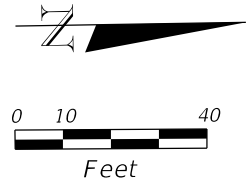
KEITH AND ASSOCIATES, INC
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060
(954) 788-3400
MICHAEL J. PHILLIPS
R.L.A NO 0001540

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR A1A	BROWARD	PB1935-3

LANDSCAPE PLAN

SHEET NO.
LD-12

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NOTE:
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UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE

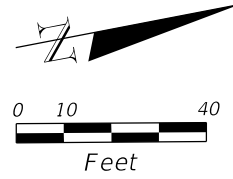


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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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LANDSCAPE PLAN

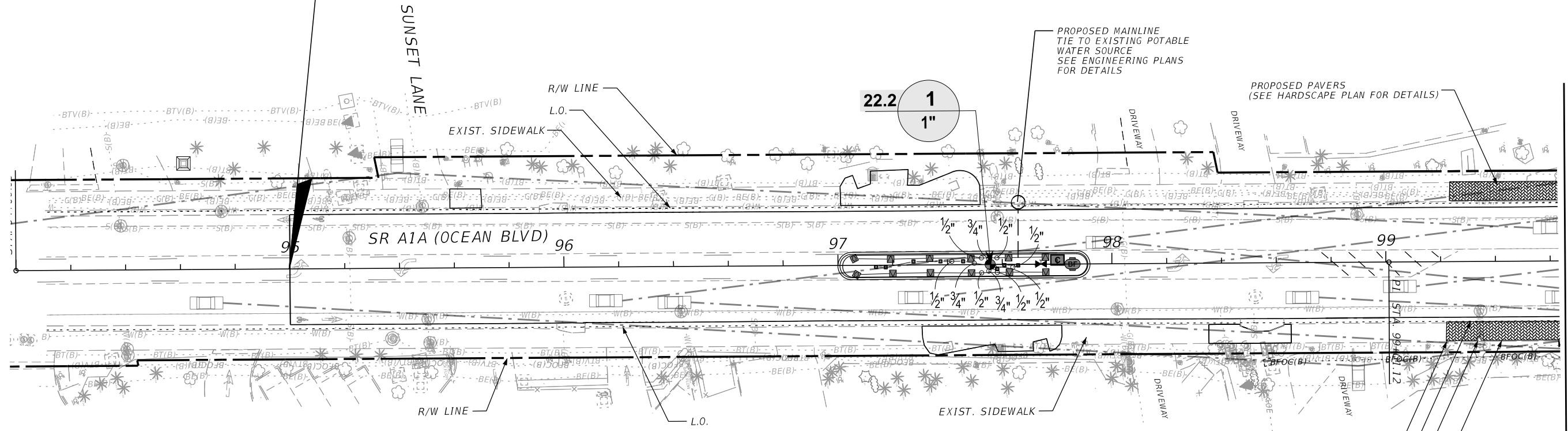
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MP 8.687
BEGINING OF THE PROJECT
STA. 95.00+00

EMERALD TOWER

RIO ESPANA CONDOMINIUM



MATCHLINE STA. 99+60.00

SEE HARDSCAPE
DETAIL C
SEE HARDSCAPE
DETAIL A
SEE HARDSCAPE
DETAIL B
PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

COASTAL ARMS APARTMENTS

LEGEND	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	12" STRIP SPRAY SHRUB SPRAY, 12.0" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	12" ADJUSTABLE ARC SHRUB SPRAY, 12.0" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	ADJUSTABLE FLOW BUBBLER, 1/2" FIPT.
	1" PLASTIC ELECTRIC REMOTE CONTROL VALVES.
	PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV.
	LEIT ENERGIZED IRRIGATION CONTROLLER
	SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE.
	AMES BRASS GATE VALVE, SAME SIZE AS MAINLINE IN 6" SCH 40 PVC COLLAR EXTENSION AND VALVE BOX.

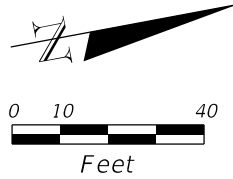
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	PB1935-3		

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DELPHI TOWERS

MANOR CLUB ASSOCIATION

TERRA MAR DRIVE

PROPOSED PAVERS
(REFER TO HARDSCAPE PLANS)

PROPOSED STAMPED ASPHALT
(REFER TO ROADWAY PLANS)

PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

BUS SHELTER &
TRASH RECEPTACLE

EXIST. SIDEWALK

MATCHLINE STA. 99+60.00

MATCHLINE STA. 105+20.00

100

101 SR A1A (OCEAN BLVD)

102

103

104

105

SEE HARDSCAPE
DETAIL C

SEE HARDSCAPE
DETAIL A

SEE HARDSCAPE
DETAIL B

PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

EXIST. PAVERS TO BE REMOVED
(REFER TO ROADWAY PLANS)

PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

R/W LINE

L.O.

EXIST. SIDEWALK

COASTAL ARMS APARTMENTS

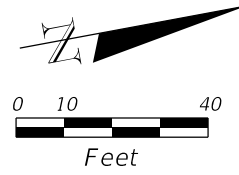
WITTINGTON APARTMENTS

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
[Symbol] - 415' SIGHT LINE

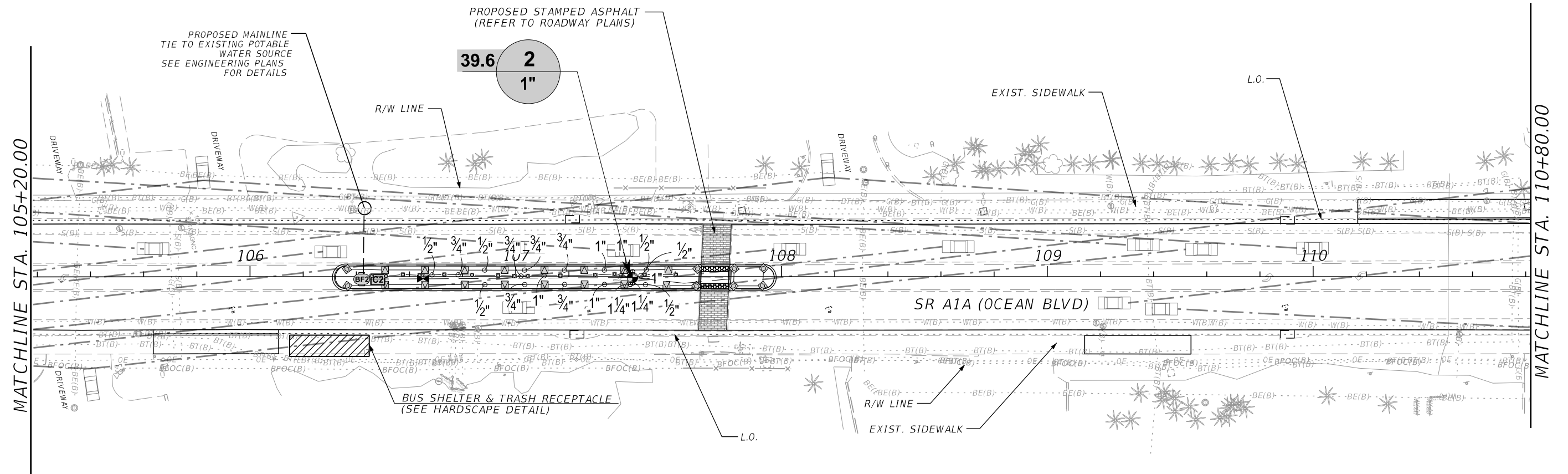


REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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FIVE STAR PREMIER RESIDENCES OF POMPANO BEACH



LEGEND	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	12" STRIP SPRAY
	SHRUB SPRAY, 12.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	12" ADJUSTABLE ARC
	ADJUSTABLE FLOW BUBBLER, 1/2" FIPT.
	1" PLASTIC ELECTRIC REMOTE CONTROL VALVES.
	PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV.
	LEIT ENERGIZED IRRIGATION CONTROLLER
	SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE.
	AMES BRASS GATE VALVE, SAME SIZE AS MAINLINE IN 6" SCH 40 PVC COLLAR EXTENSION AND VALVE BOX.

RENAISSANCE II

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 - 415' SIGHT LINE

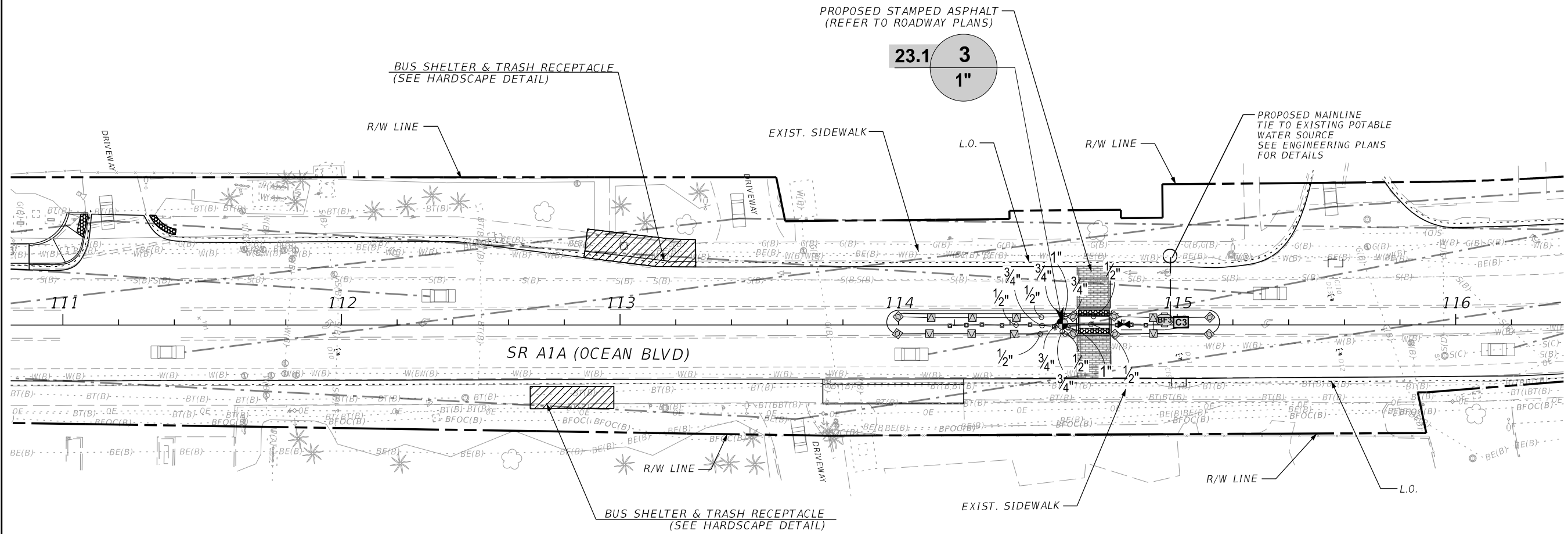


Know what's below.
Call before you dig.

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

MATCHLINE STA. 110+80.00

MATCHLINE STA. 116+40.00



LEGEND	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	12" STRIP SPRAY
	SHRUB SPRAY, 12.0" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	12" ADJUSTABLE ARC
	SHRUB SPRAY, 12.0" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	ADJUSTABLE FLOW BUBBLER, 1/2" FIPT.
	1" PLASTIC ELECTRIC REMOTE CONTROL VALVES.
	PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV.
	LEIT ENERGIZED IRRIGATION CONTROLLER
	SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE.
	AMES BRASS GATE VALVE, SAME SIZE AS MAINLINE IN 6" SCH 40 PVC COLLAR EXTENSION AND VALVE BOX.

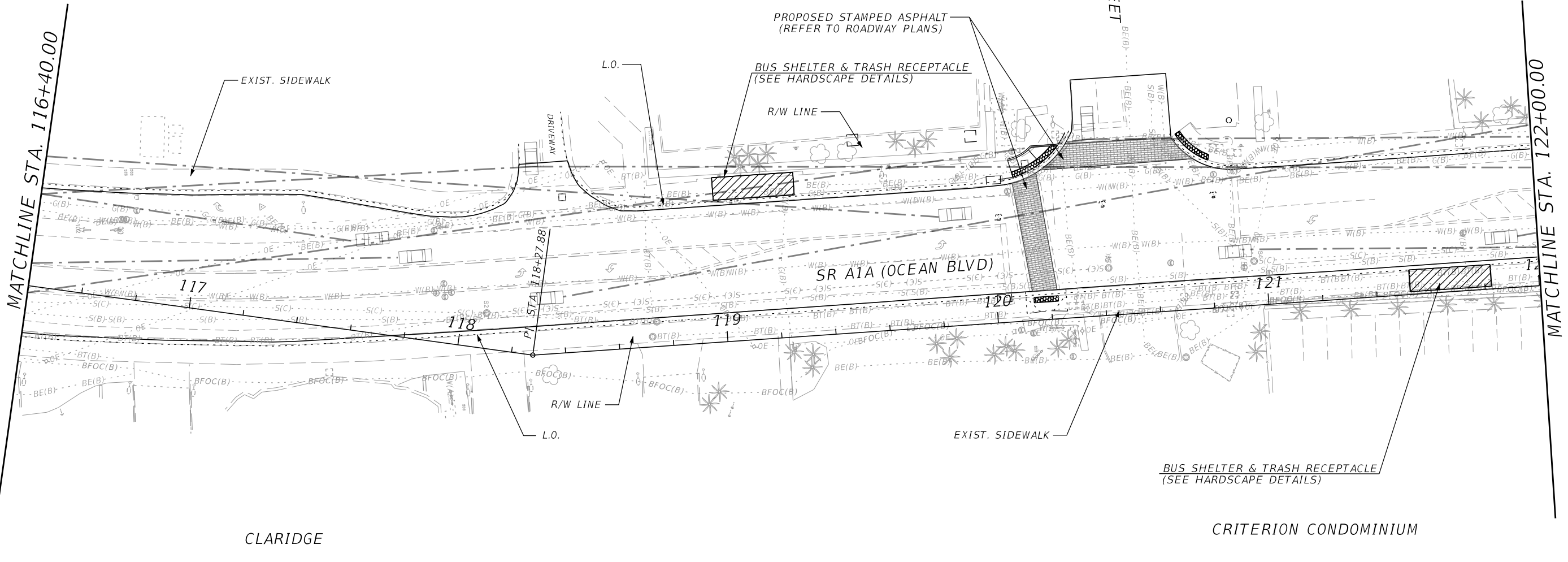
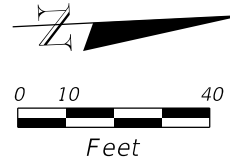
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 - 415' SIGHT LINE



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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

WYNDHAM SANTA BARBARA



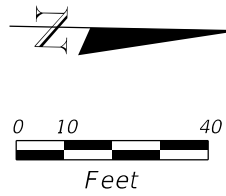
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH



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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			IRRIGATION PLAN	SHEET NO. IRR-18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	PB1935-3		

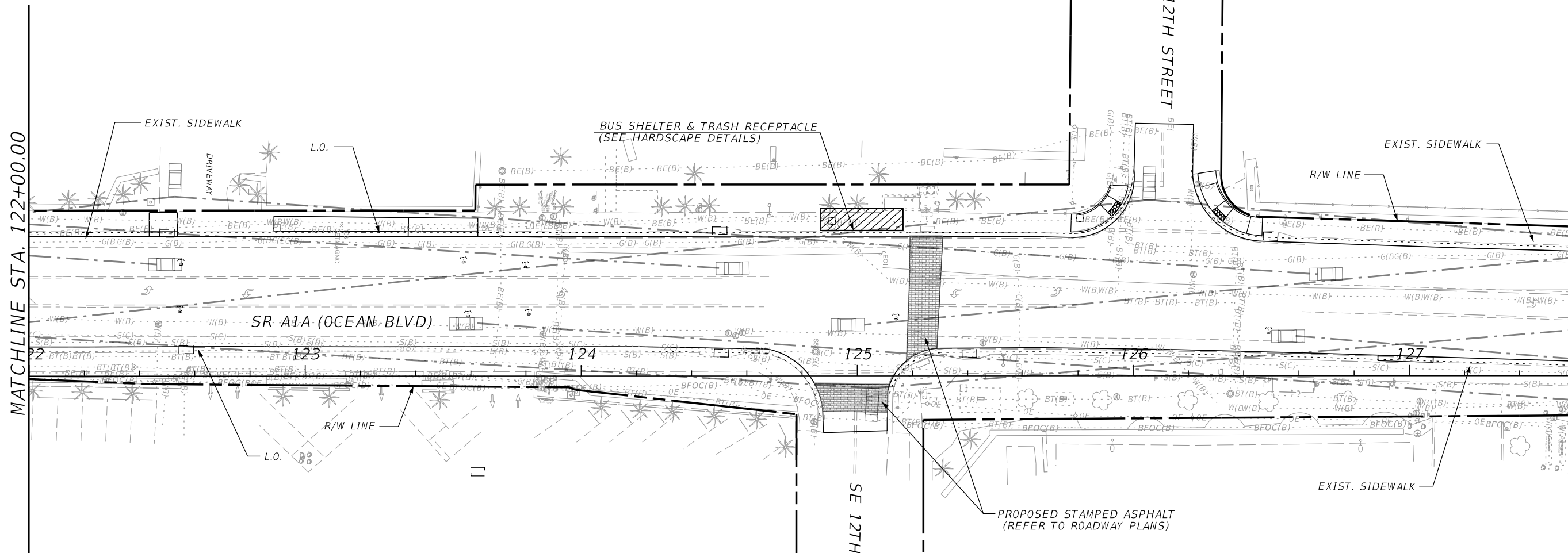
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LAKESIDE SHOPPES

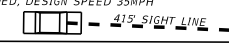
MATCHLINE STA. 122+00.00

MATCHLINE STA. 127+60.00



BEACHCOMBER RESORT AND VILLAS

HILLSBORO RAINBOW ON THE OCEAN

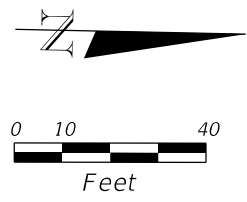
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



Know what's below.
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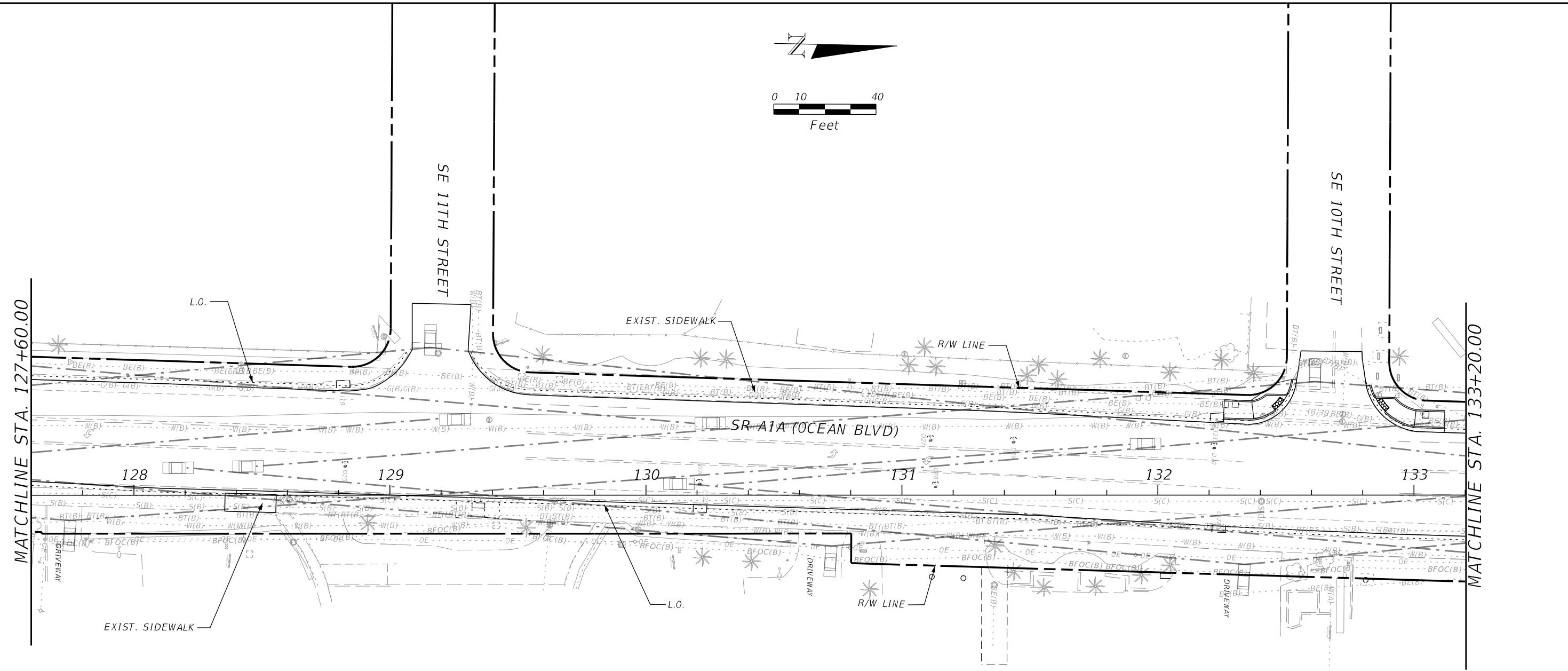
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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


MATCHLINE STA. 127+60.00

MATCHLINE STA. 133+20.00



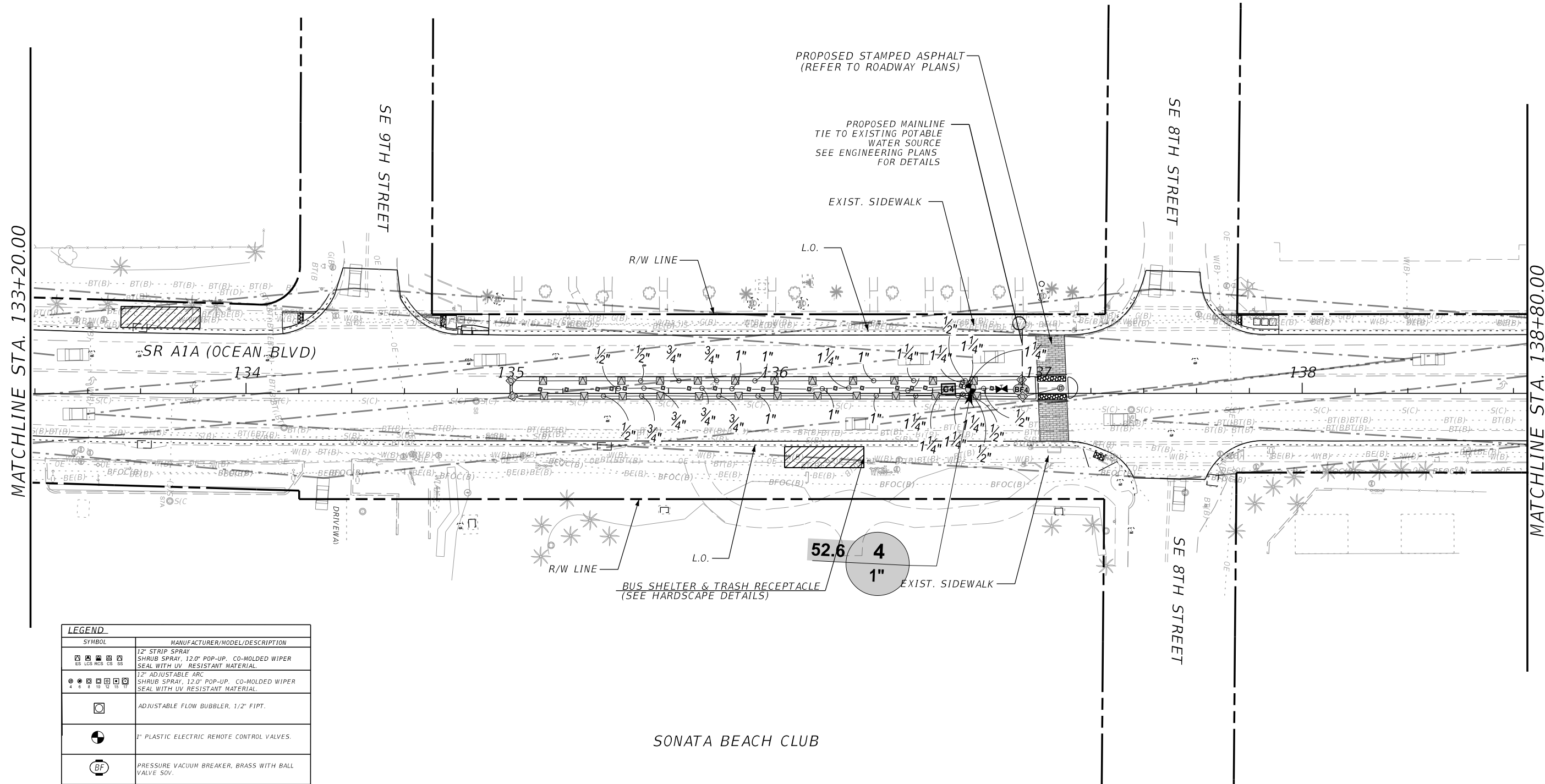
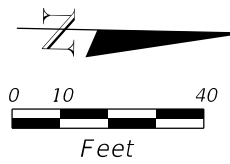
POMPANO AEGEAN CONDOMINIUM ASSOCIATION INC

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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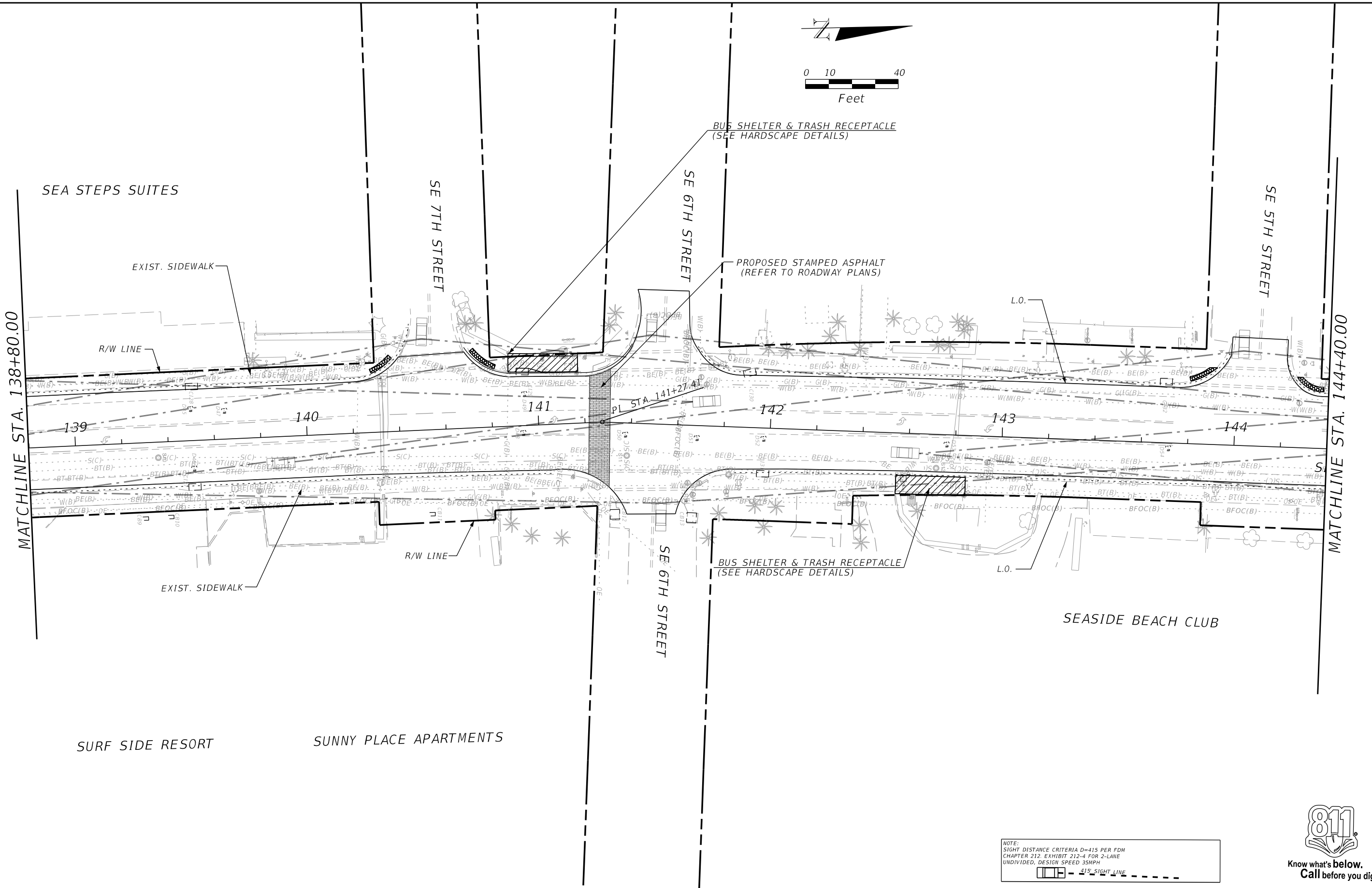
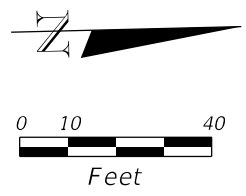
LEGEND	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	12" STRIP SPRAY
	SHRUB SPRAY, 12" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	12" ADJUSTABLE ARC SHRUB SPRAY, 12" POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.
	ADJUSTABLE FLOW BUBBLER, 1/2" FIPT.
	1" PLASTIC ELECTRIC REMOTE CONTROL VALVES.
	PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV.
	LEIT ENERGIZED IRRIGATION CONTROLLER
	SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE.
	AMES BRASS GATE VALVE, SAME SIZE AS MAINLINE IN 6" SCH 40 PVC COLLAR EXTENSION AND VALVE BOX.

NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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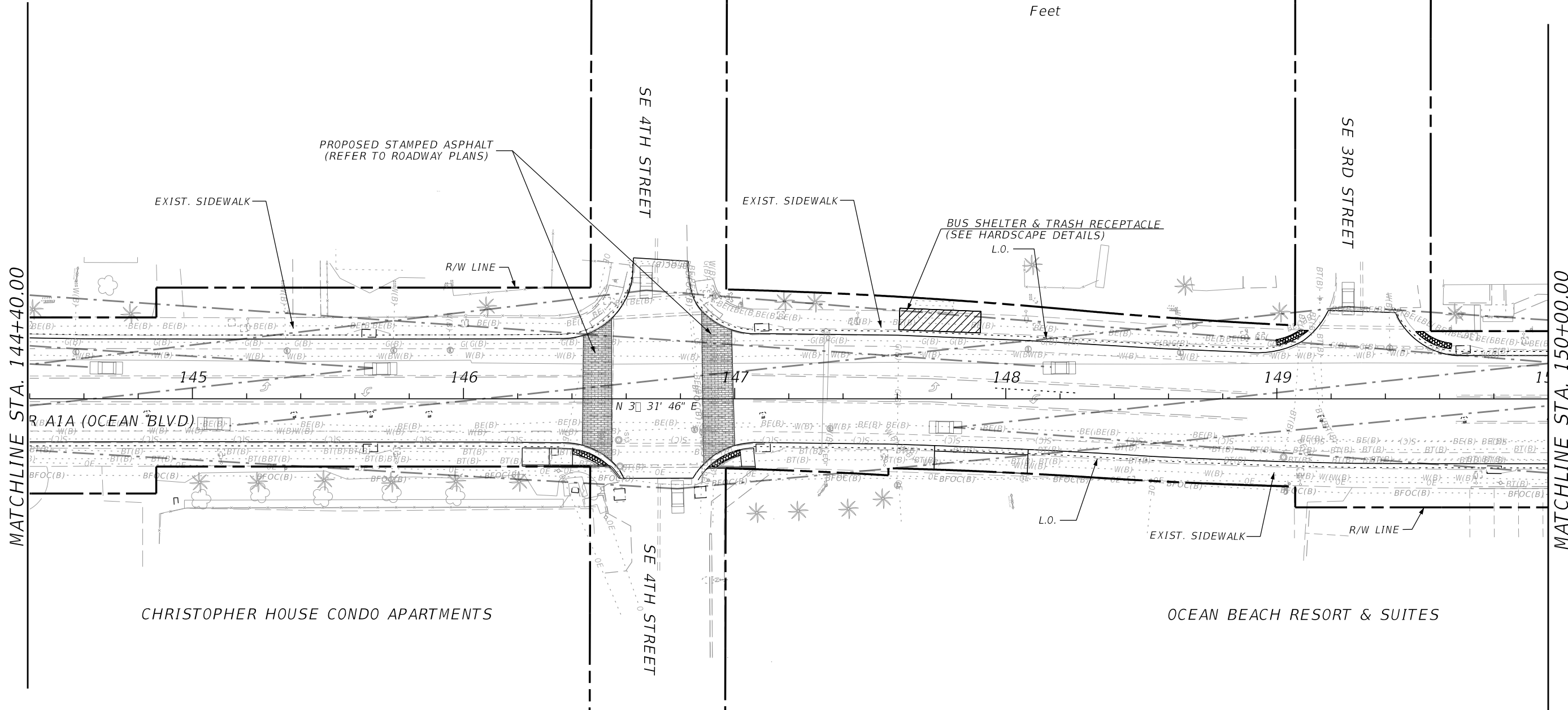
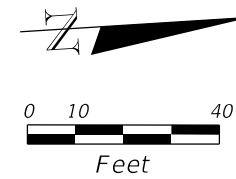


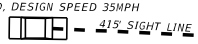
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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



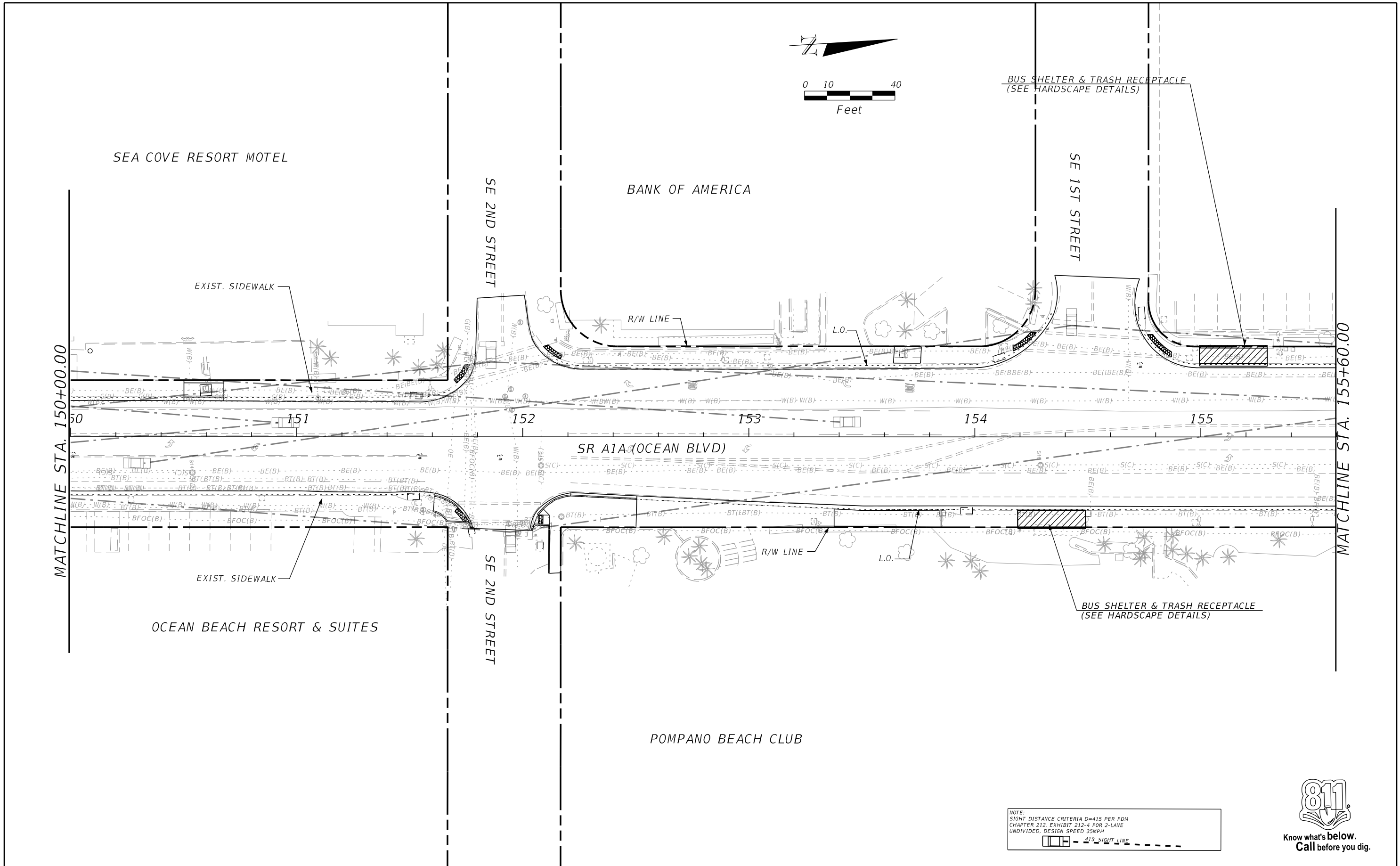
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 45' SIGHT LINE



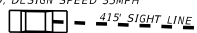
Know what's below.
Call before you dig.

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			IRRIGATION PLAN	SHEET NO. IRR-23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR A1A	BROWARD	PB1935-3		

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NOTE:
 SIGHT DISTANCE CRITERIA D=415 PER FDM
 CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
 UNDIVIDED, DESIGN SPEED 35MPH




REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

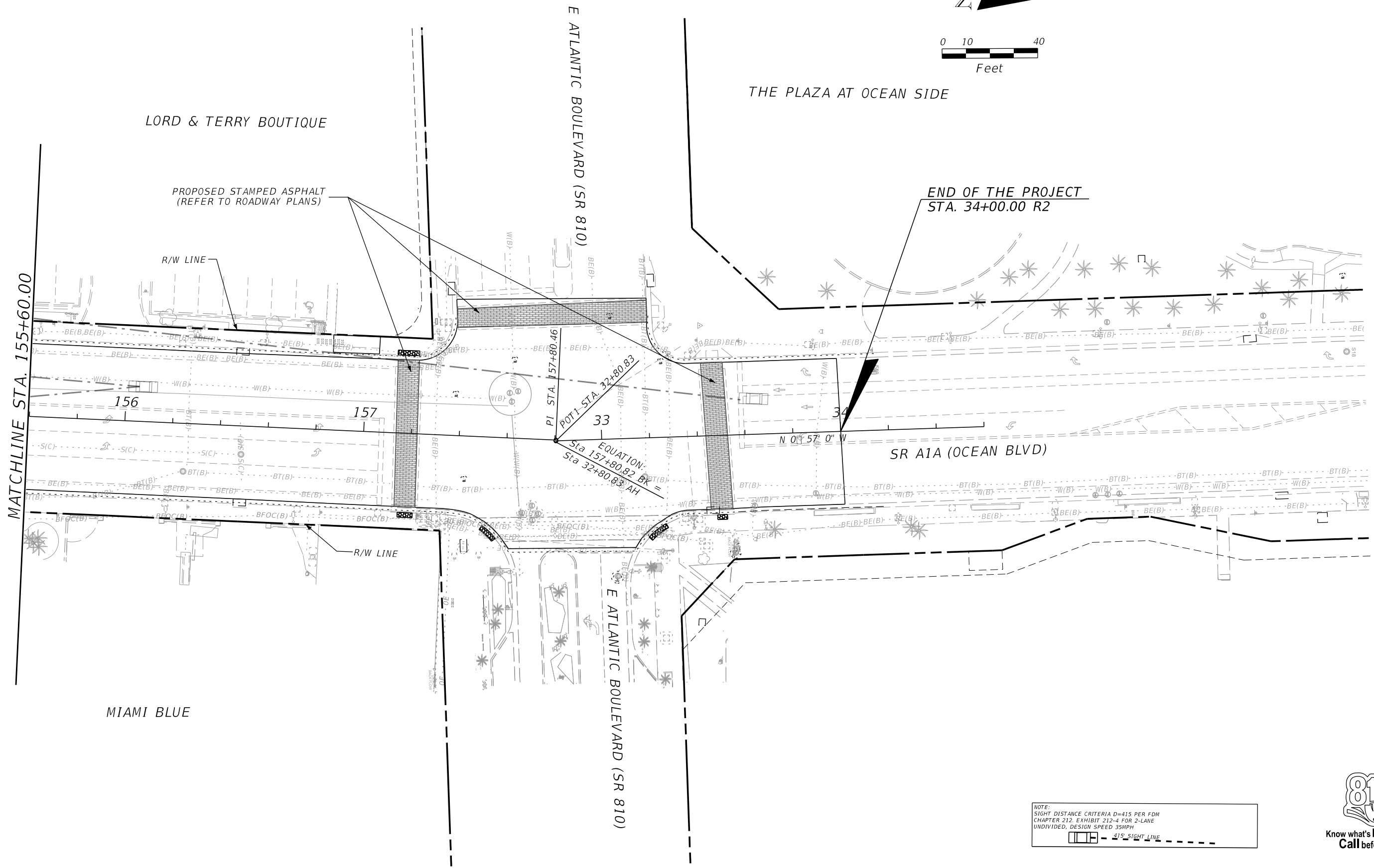
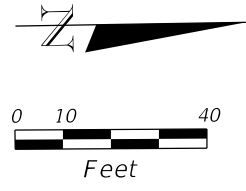
KEITH AND ASSOCIATES, INC
 301 E ATLANTIC BLVD
 POMPANO BEACH, FL 33060
 (954) 788-3400
 MICHAEL J. PHILLIPS
 R.L.A NO 0001540

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR A1A	BROWARD	PB1935-3

IRRIGATION PLAN

SHEET NO.
IRR-24

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.071, F.A.C.



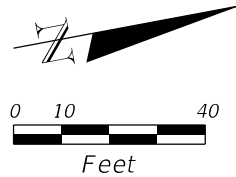
NOTE:
SIGHT DISTANCE CRITERIA D=415 PER FDM
CHAPTER 212, EXHIBIT 212-4 FOR 2-LANE
UNDIVIDED, DESIGN SPEED 35MPH
 415' SIGHT LINE



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REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. IRR-25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

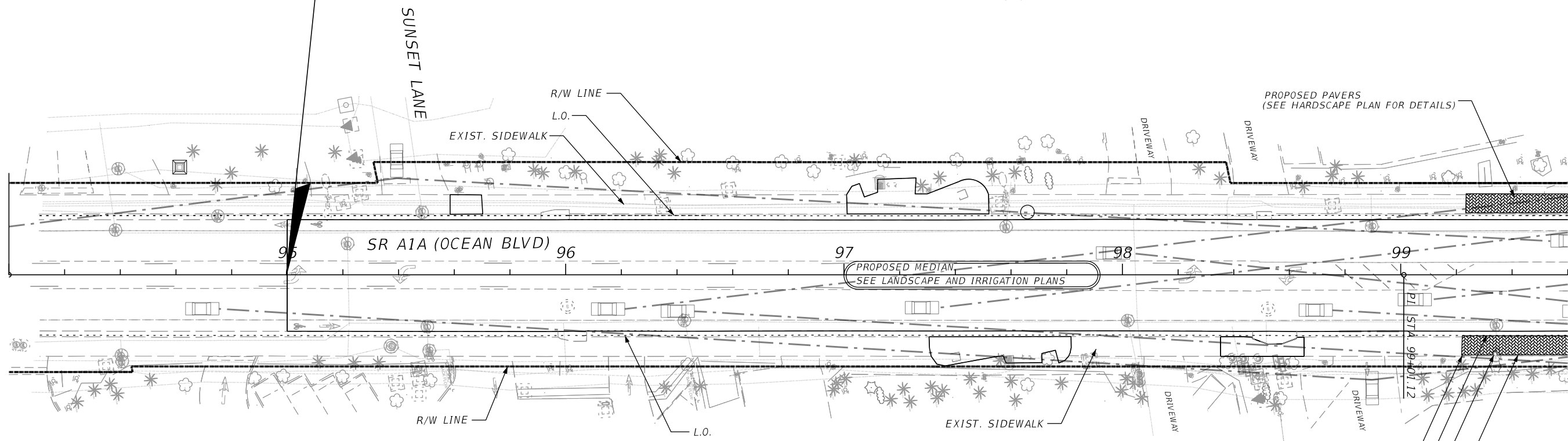
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.01, F.A.C.



MP 8.687
BEGINNING OF THE PROJECT
STA. 95.00+00

EMERALD TOWER

RIO ESPANA CONDOMINIUM



MATCHLINE STA. 99+60.00

COASTAL ARMS APARTMENTS

SEE HARDSCAPE
DETAIL C
SEE HARDSCAPE
DETAIL A
SEE HARDSCAPE
DETAIL B
PROPOSED PAVERS
(SEE HARDSCAPE PLAN FOR DETAILS)

HARDSCAPE LEGEND

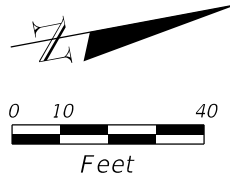
SYMBOL	DESCRIPTION
	HARDSCAPE AREA (SEE DETAILS)
	PATTERNED PAVEMENT MALT COLOR



Know what's below.
Call before you dig.

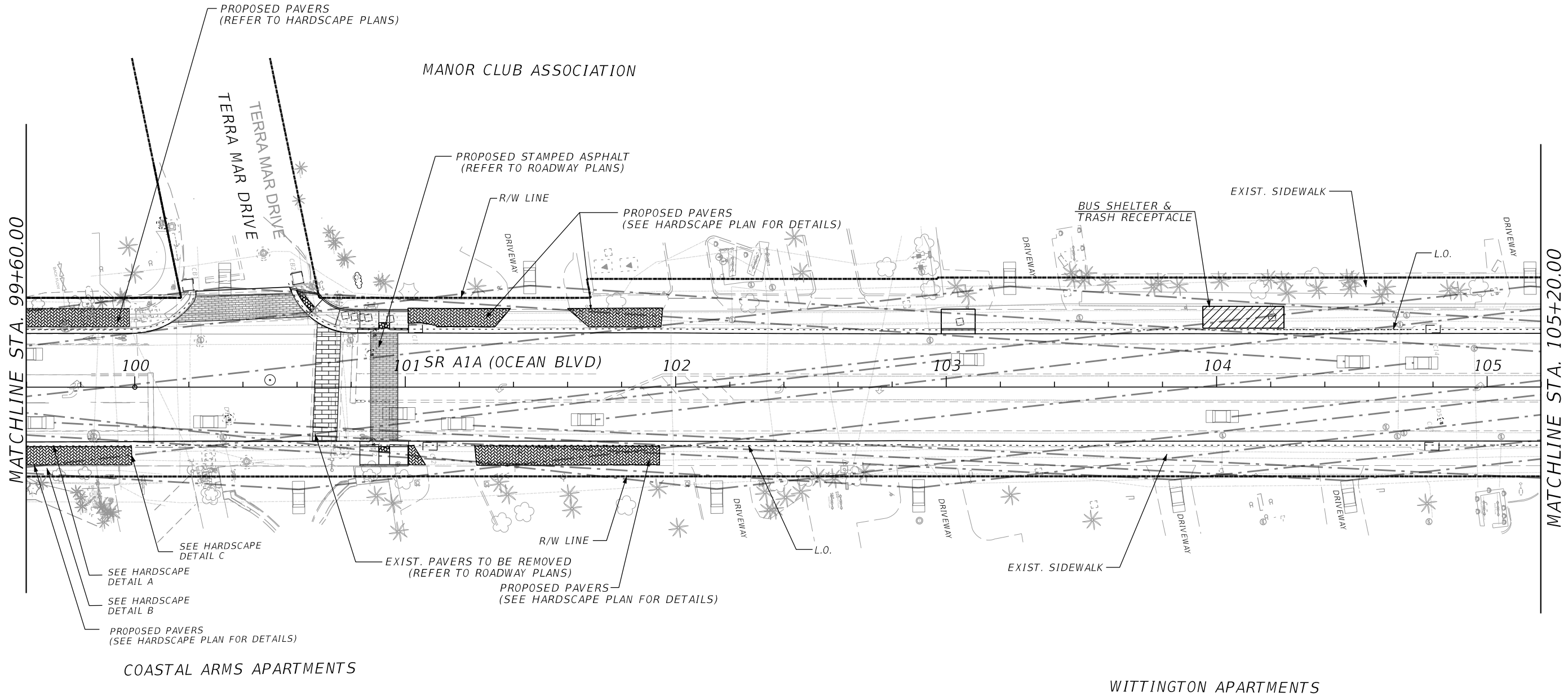
REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. HSD-26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

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DELPHI TOWERS

MANOR CLUB ASSOCIATION



HARDSCAPE LEGEND	
SYMBOL	DESCRIPTION
	HARDSCAPE AREA (SEE DETAILS)
	PATTERNED PAVEMENT
	MALT COLOR



Know what's below.
Call before you dig.

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. HSD-27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

HARDSCAPE PLAN

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LANDSCAPE TABULATION OF QUANTITIES / PLANT SCHEDULE											
PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINT'D SIZE	SPACING	REMARKS	UNIT	GRAND TOTAL	
										PLAN	FINAL
<i>Trees</i>											
581-1-1	LARGE	PD	PHOENIX DACTYLIFERA 'MEDJOO'	DATE PALM	10' CT,		AS SHOWN	Full canopy	EA	1	
581-1-1	LARGE	VA	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	14.5' CT,		AS SHOWN	Full canopy	EA	22	
581-1-1	LARGE	VA	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	8' CT,		AS SHOWN	Full canopy	EA	9	
581-1-1	LARGE	TR	THRINAX RADIATA	FLORIDA THATCH PALM	6' CT. MIN., FULL, MATCHED		AS SHOWN	Full canopy	EA	18	
<i>Shrubs</i>											
580-7-3	LARGE	AEC	AECHMEA BLANCHETIANA	ORANGE BROMELIAD	18" SPRD., FULL		AS SHOWN		EA	78	
<i>Shrub Areas</i>											
580-7-46-3	LARGE	CAR	CARISSA MACROCARPA	DWARF NATAL PLUM	12" HT. X 16" SPRD.		16" O.C.		EA	1,572	
580-7-61-1	LARGE	HEL	HELIANTHUS DEBILIS	DUNE SUNFLOWER	10" HT X 10" SPRD, 24" OC		24" O.C.		EA	126	

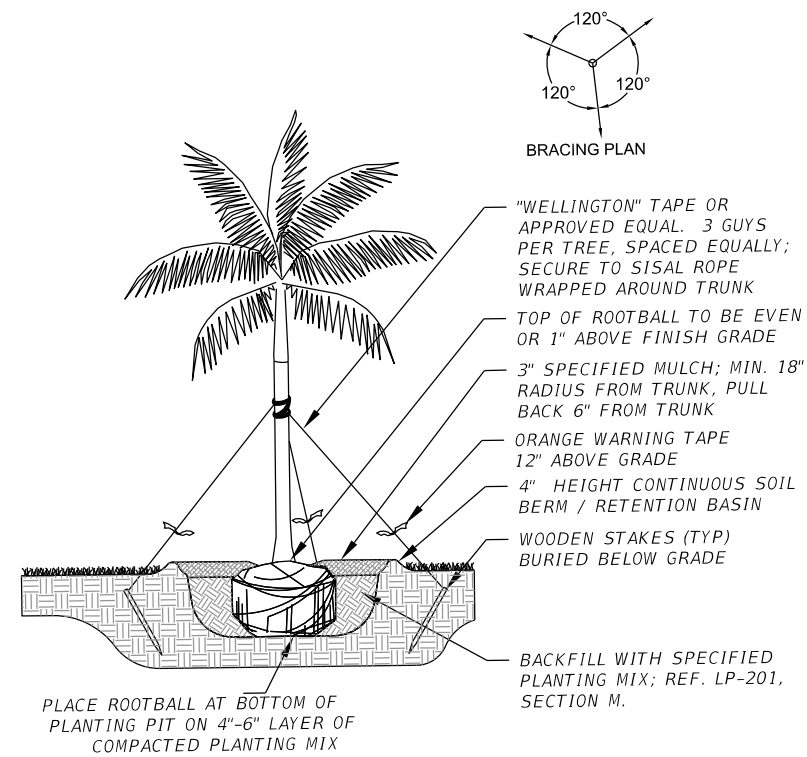
IRRIGATION TABULATION OF QUANTITIES / PLANT SCHEDULE						
PAY ITEM NO.	MANUFACTURER/MODEL/DESCRIPTION	ARC	PSI	GPM	GRAND TOTAL	
					PLAN	FINAL
590-1 Landscape Irrigation System	12 5' STRIP SPRAY SHRUB SPRAY, 12.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	SST	30	1.3	60	
	12 ADJUSTABLE ARC SHRUB SPRAY, 12.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	ADJ	30	1.5	1	
	12 ADJUSTABLE ARC SHRUB SPRAY, 12.0" POP-UP. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	ADJ	30	1.3	24	
	ADJUSTABLE FLOW BUBBLER, 1/2" FIPT, STAINLESS STEEL SCREW	ADJ	30	0.5	40	
	ICV-G 1"PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION				4	
	1" PRESSURE VACUUM BREAKER				1	
	1" PRESSURE VACUUM BREAKER				1	
	1" PRESSURE VACUUM BREAKER				1	
	LEIT ENERGIZED IRRIGATION CONTROLLER				4	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40				1103.2	

HARDSCAPE TABULATION OF QUANTITIES / PLANT SCHEDULE						
PAY ITEM NO.	PAY ITEM DESCRIPTION	MANUFACTURER/MODEL/DESCRIPTION	COLOR	FINISH	GRAND TOTAL	
					PLAN	FINAL
751-35-11	BUS SHELTER	LANDSCAPE FORMS KALEIDOSCOPE OS SHELTER - PLEXUS-II BACK SEATING IN BAY WITH ARMS	BRONZE	POWDERCOAT	13	
721-74-1	TRASH RECEPTACLE	LANDSCAPE FORMS - CHASE PARK LITTER - TOP OPENING 24" X 39"	BRONZE	POWDERCOAT	13	
	PAVERS	BELGARD - OCEANSIDE - 4 X 8"	MALT	STANDARD	1,975 SF	
*NOTE: SITE FURNITURE PENDING APPROVAL FROM THE CITY. CONTRACT TO INSTALL SITE FURNITURE FOLLOWING MANUFACTURE GUIDELINES						

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. TOQ-26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	

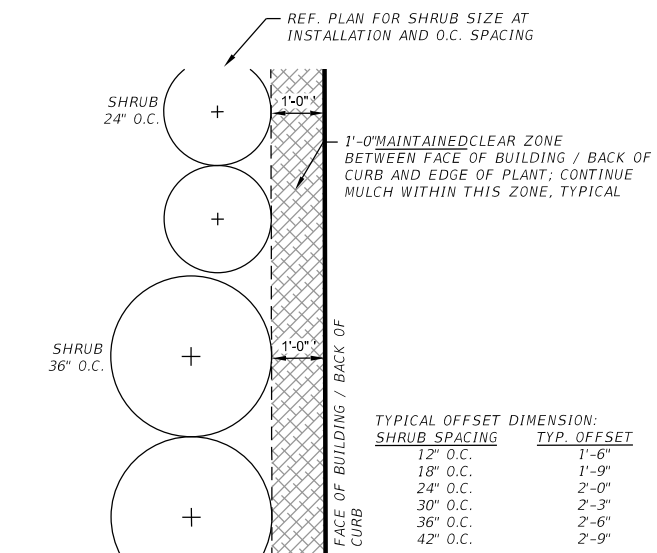
TABULATION OF QUANTITIES

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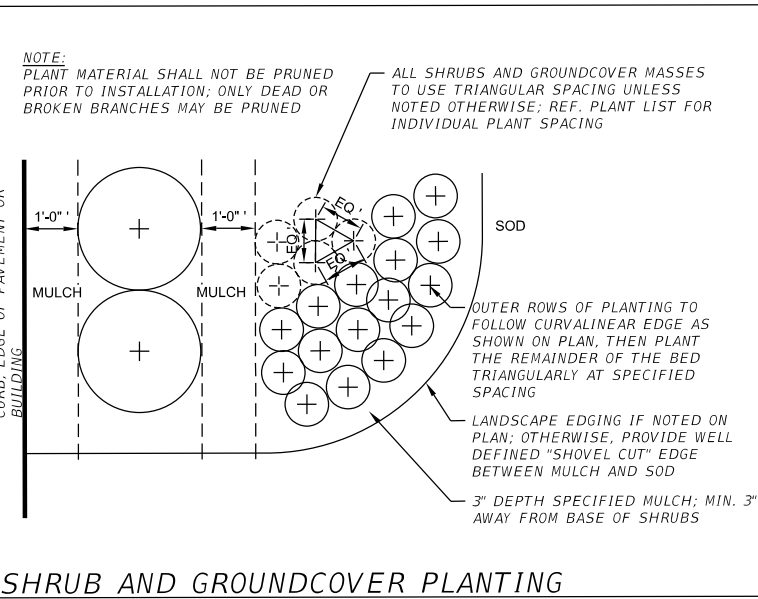
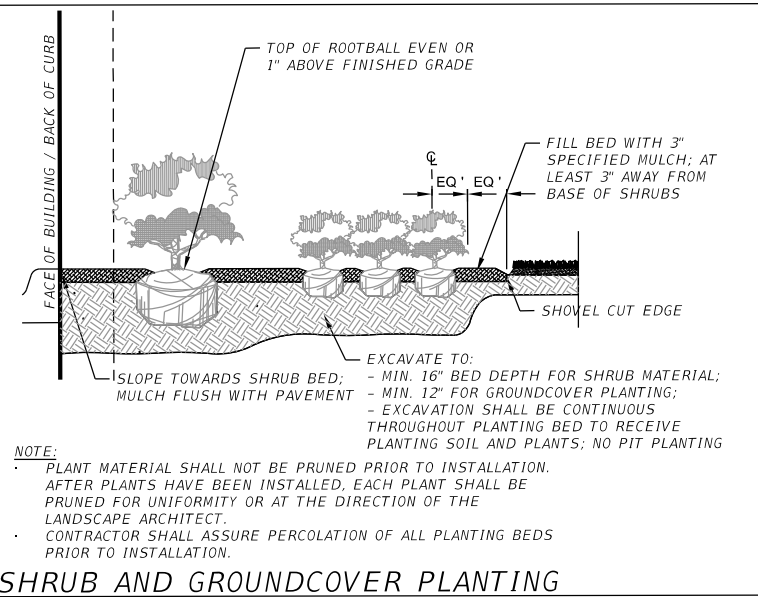


PALM PLANTING DETAIL

14.5' MIN CT PER FDOT MRP



TYPICAL SHRUB OFFSET AT BUILDING / CURB



LANDSCAPE NOTES

- A. SCOPE
 1. 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.
 2. 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.
 3. 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.
 4. LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL ALL TREES, PALMS, SHRUBS, GROUNDCOVER, SOD, PLANTING SOIL, FERTILIZER, HERBICIDE, PRE-EMERGENCE HERBICIDE, SEED, AND MULCH.
- B. BIDDING
 1. CONTRACTOR TO HAVE LIABILITY INSURANCE INCLUDING OWNER AND LANDSCAPER AS INSURED'S IN EXCESS OF \$10,000 AS WELL AS WORKER'S COMPENSATION.
 2. 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.
 3. READ ALL NOTES AND TYPICAL PLANTING DETAILS SHEETS PRIOR TO SUBMITTING RFIS AND PRIOR TO BIDDING.
 4. WHEN SUBMITTING AN RFI REFERENCE SHEET NUMBER, DETAIL NUMBER AND/OR NOTE CATEGORY AND NUMBER.
 5. 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.
 6. 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.
 7. ALL LANDSCAPE MATERIAL WAS CONFIRMED TO BE AVAILABLE AT TIME OF DESIGN. LANDSCAPE CONTRACTOR UNDERSTANDS THAT SOME MATERIAL MAY NOT BE AVAILABLE LOCALLY, HOWEVER IS AVAILABLE IN TRI-COUNTY REGION. 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.
 8. PRE-INSPECTIONS OF SITE REQUIRED PRIOR TO BIDDING.
 9. 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.
 10. 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.
 11. BID SHALL BE ITEMIZED FOR POSSIBLE VALUE ENGINEERING.
 12. 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.
 13. 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.
 14. FINAL PAYMENT TO THE CONTRACTOR SHALL BE FOR ACTUAL PLANTS INSTALLED ON THE PROJECT.
 15. 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.
 16. 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.
 17. REFER TO SECTION T, WATERING, FOR SUPPLEMENTAL WATERING REQUIREMENT.
 18. 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.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KEITH AND ASSOCIATES, INC
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060
(954) 788-3400
MICHAEL J. PHILLIPS
R.L.A NO 0001540

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR A1A	BROWARD	PB1935-3

NOTES AND DETAILS

SHEET NO.
LD-29

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

LANDSCAPE NOTES

- U. 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.
- V. 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.
- W. 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.
- 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 "ACTS OF GOD" AS WELL PLANTS DAMAGED BY VEHICLES, VANDALISM OR NEGLIGENCE 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.
- Z. 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

FDOT GENERAL NOTES

GOVERNING STANDARD PLANS:
 Florida Department of Transportation, FY 2021-22 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) are available at the following website: <https://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
 Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fdot.gov/programmanagement/implemented/specbooks>

Contractor shall repair all damage done to FDOT property during demolition, relocation &/or installation activities at his sole expense. 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.

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/january2021/1-21ebook.pdf?sfvrsn=1c62cb58_2

Architectural Pavers installation for sidewalks, medians, driveways or roadways within the FDOT right of way shall comply with current FDOT Standard Specification 526. Online Reference: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/specbooks/january2021/1-21ebook.pdf?sfvrsn=1c62cb58_2

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.

Provide the following heading, notes and online reference on sheet no. LD-30.

Response:

- The following heading, notes, and online references have been added to notes and details sheets.

FDOT PLANTING NOTES

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/2021jan/maintenance-specifications---january-2021>

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/2022/idx/580-001.pdf?>

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.

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.

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

Irrigation system water source must be shown on the irrigation plan.

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.

Verify that above-ground Irrigation items such as backflow preventers, pumps and controllers are not located within the Horizontal Clear Zone.

Show the proposed locations for sleeves to the median.

Provide the following heading and notes on sheet no. LD-31.

FDOT IRRIGATION NOTES

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.

FDOT requires 24-hour emergency access to water source.

Contractor shall provide FDOT District Operations Manager with a set of "As-Built"irrigation plans.

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.

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.

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.

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.

LANDSCAPE MAINTENANCE AGREEMENT

Any non-standard component specified on FDOT right of way in addition to trees and sod, such as planting of shrubs, groundcover, hardscape, and/or an irrigation system will require an executed Landscape Maintenance Memorandum of Agreement (MMOA) prior to final permit approval for this project. Please contact Mary Ann Randolph, Landscape Agreement Coordinator 954-677-7897 or MaryAnn.Randolph@dot.state.fl.us for the MMOA process and submittal requirements.

NOTE: The plan is currently proposing shrubs, irrigation, and hardscape within the FDOT right of way, therefore a Landscape MMOA will be required. When the plans have received landscape approval, the permit cannot be issued until the MMOA process has been completed and executed. Please be aware that the MMOA process can involve several months depending upon the local agency before the FDOT can provide the final executed Landscape MMOA document.

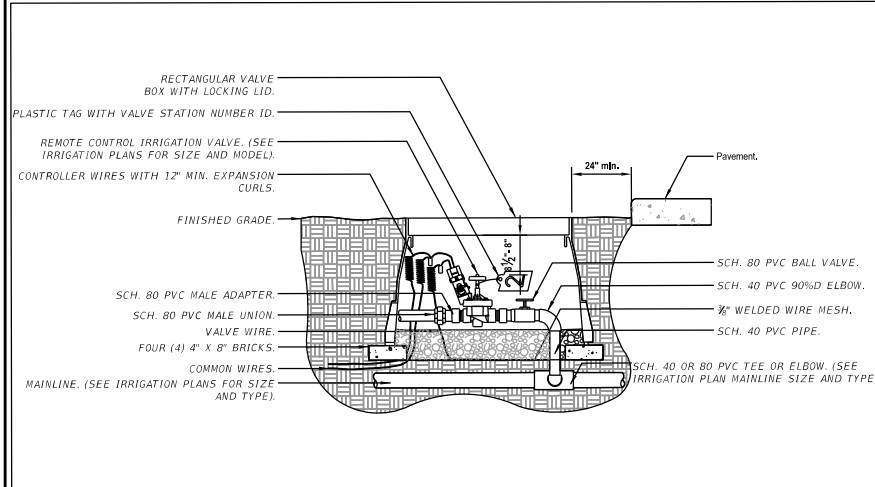
If you have any questions please contact David Lockmiller, PLA at 954-777-4142 or david.lockmiller@dot.state.fl.us.

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. LD-32
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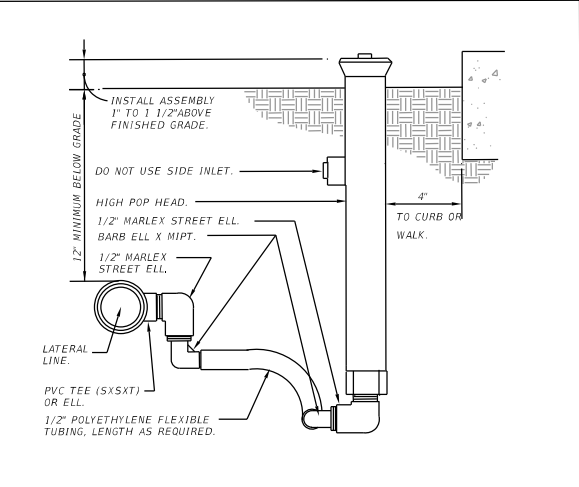
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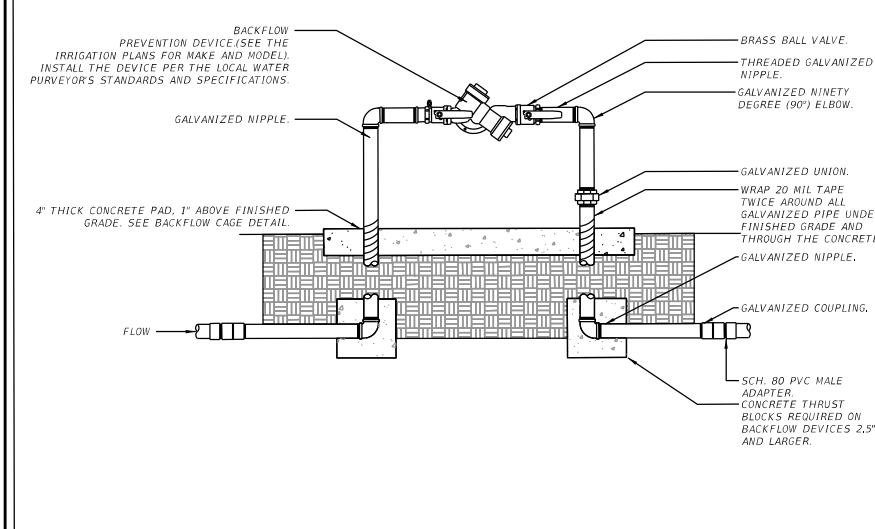
IRRIGATION DETAILS



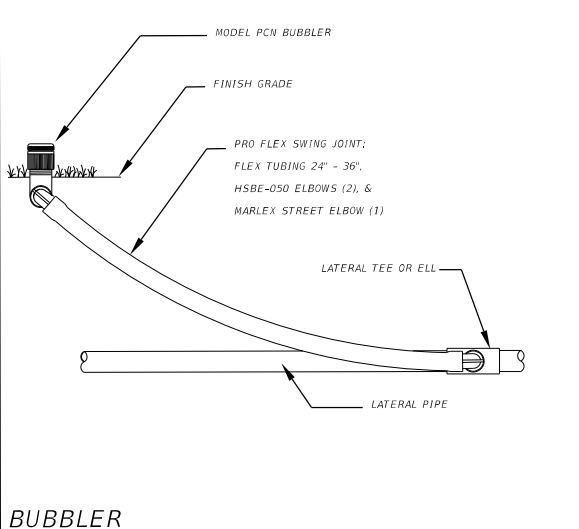
REMOTE CONTROL IRRIGATION VALVE



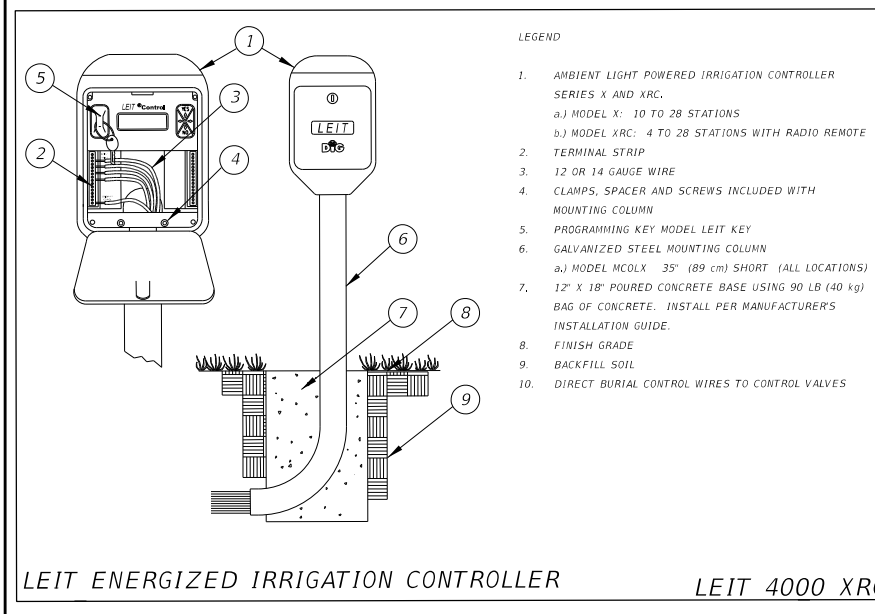
SHRUB SPRAY HIGHPOP W/FLEX ASSEMBLY



BACKFLOW PREVENTION DEVICE



BUBBLER



REVISIONS		REVISIONS	
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(954) 788-3400
MICHAEL J. PHILLIPS
R.L.A NO 0001540

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 3/4" SHALL BE CLASS 200 PVC; SYSTEM PIPE SIZE 1" OR GREATER SHALL BE CLASS 160 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. RUST CONTROL SYSTEM TO BE INSTALLED WITH PUMP STATION (IF FROM WELL).
17. THE IRRIGATION SYSTEM IN THE RIGHT-OF-WAY IS TO INCORPORATE LOW TRAJECTORY SPRAY HEADS TO MINIMIZE OVERSPRAY.
18. AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE.

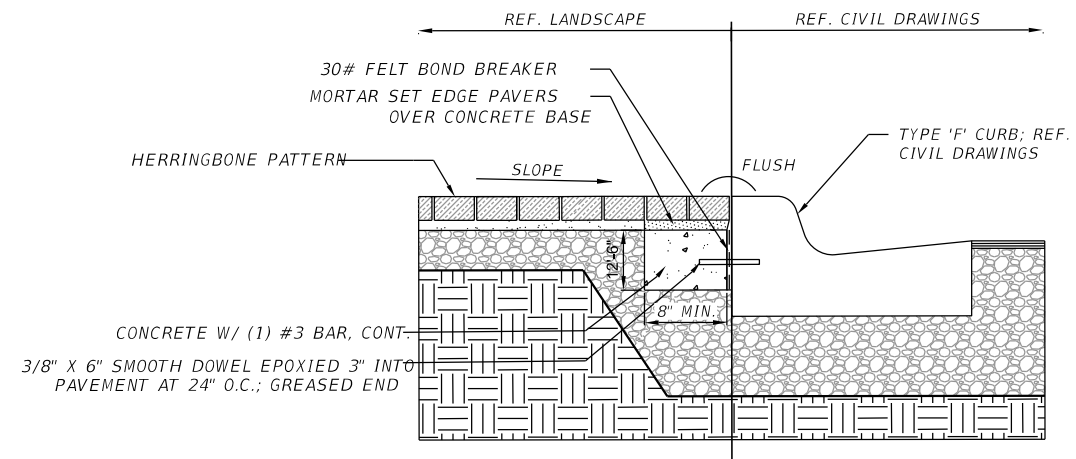
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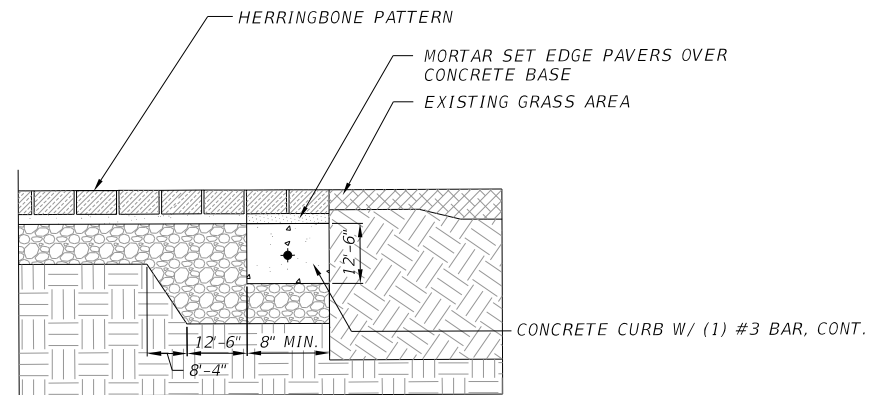
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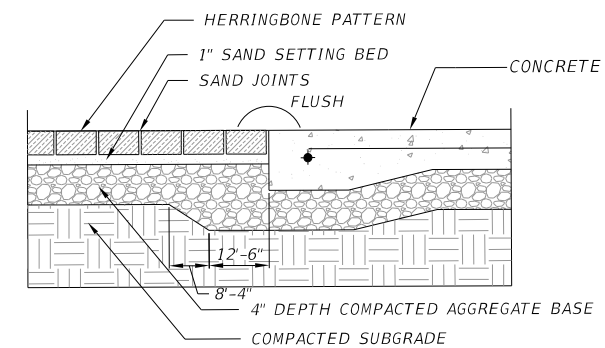
SIDEWALK WITH PATTERNED PAVEMENT DETAIL.



A. SIDEWALK PAVERS AT TYPE F CURB SECTION VIEW



B. SIDEWALK PAVERS AT GRASS AREAS SECTION VIEW



C. SIDEWALK PAVERS AT CONCRETE SECTION VIEW

MATERIALS SCHEDULE					
PAVERS					
KEY	DESCRIPTION / MODEL	COLOR	FINISH	CONTACT	REMARKS
	BELGARD - OCEANSIDE - 4 X 8"	MALT	STANDARD	FRANK GONZALEZ 305-522-0002	

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					SR A1A	BROWARD	PB1935-3	

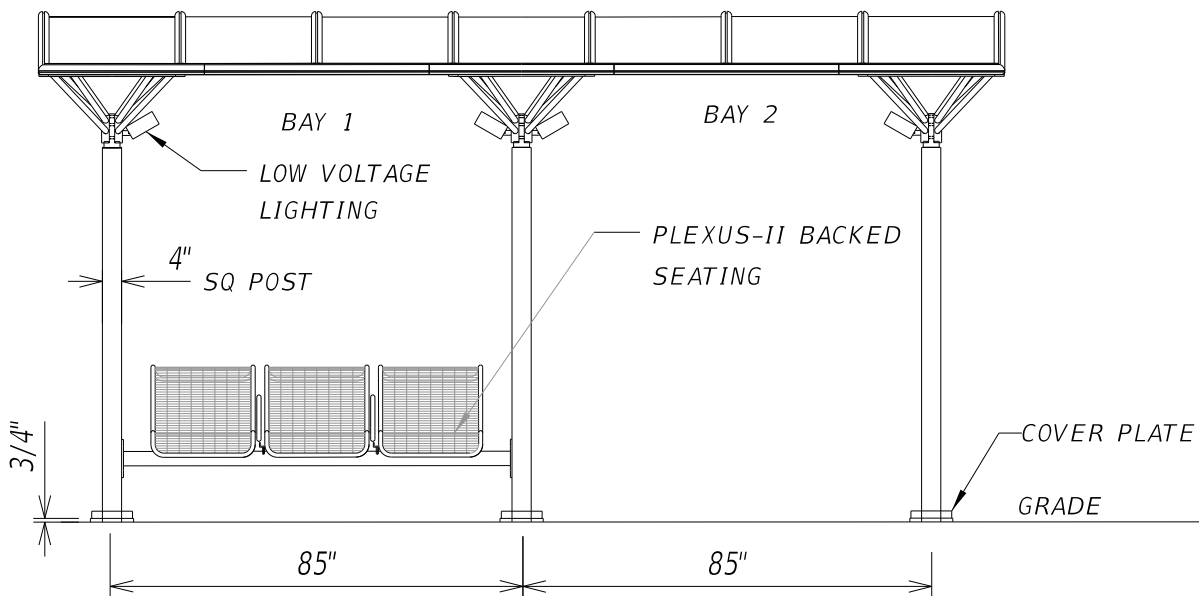
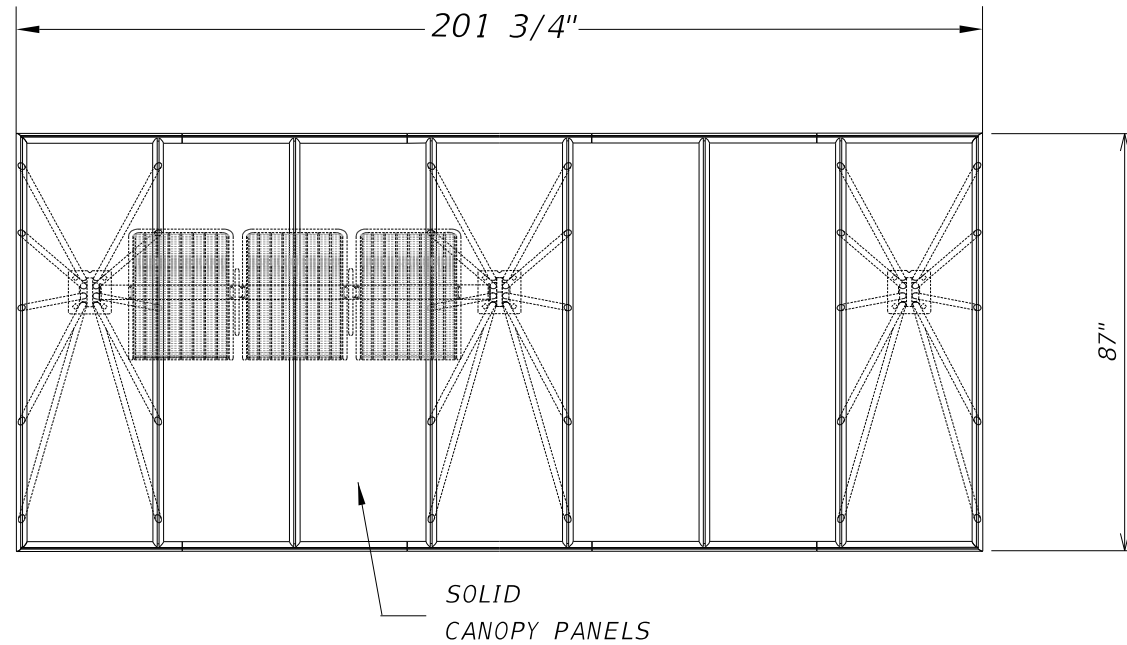
LANDSCAPE FORMS BUS SHELTER

Kaleidoscope 05

COLOR: BRONZE

FINISH: POWDERCOAT

ATTACHED PLEXUS-II BACKED SEATING IN BAY 1, WITH ARMS; LOW VOLTAGE LIGHTING

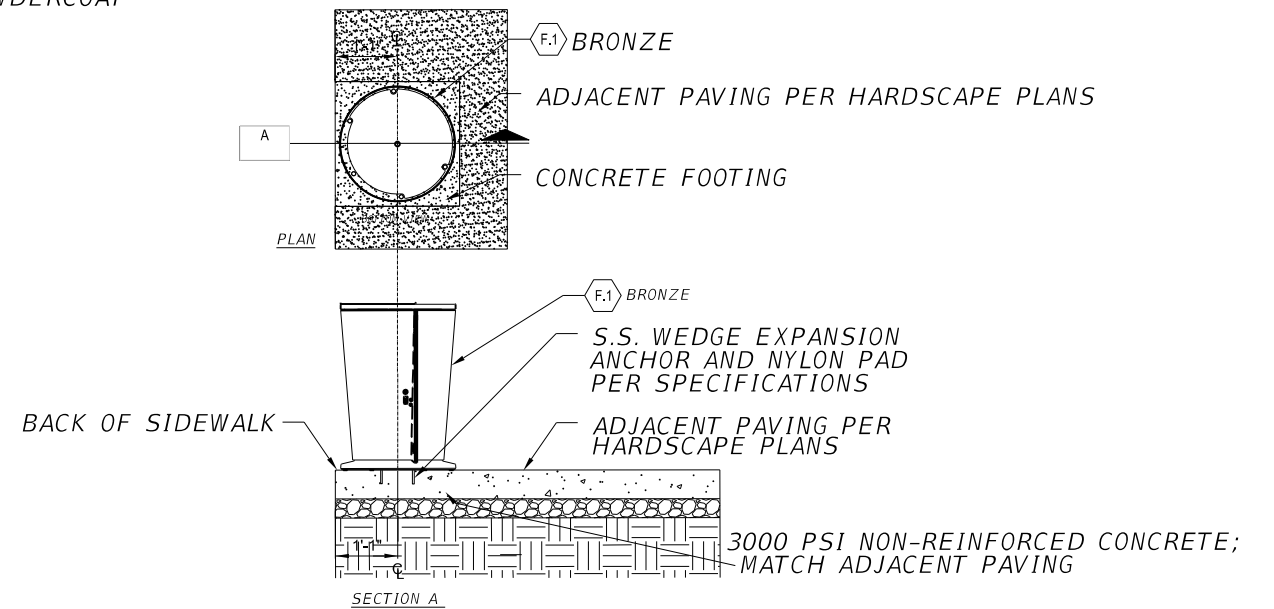


LANDSCAPE FORMS TRASH RECEPTACLE

Chase Park Litter

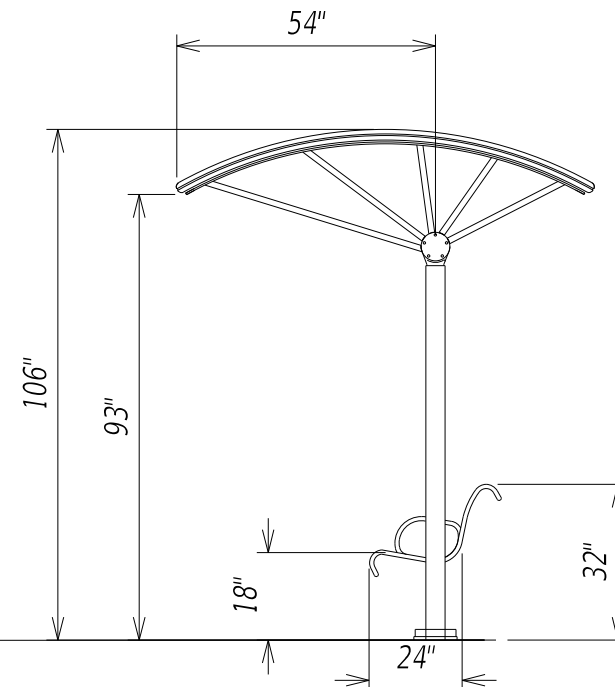
COLOR: BRONZE

FINISH: POWDERCOAT



NOTES:

1. ALL ANCHORS TO BE STAINLESS STEEL AND CORROSION RESISTANT PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO SUPPLY ALL ANCHORS.
2. EXPANSION JOINTS AS REQUIRED.
3. REFER TO HARDSCAPE AND LANDSCAPE PLANS FOR ADJACENT CONDITIONS PER INSTALLATION.
4. CONTRACTOR TO SUBMIT SIGNED AND SEALED SHOP DRAWINGS OF FOOTERS WITH REINFORCING AS REQUIRED.
5. ENSURE A SIDEWALK CLEARANCE OF 4' IS MAINTAINED FROM BACK OF CURB



NOTE:
SEE KALEIDOSCOPE INSTALLATION GUIDE FOR FOOTING DETAILS.

REVISIONS				KEITH AND ASSOCIATES, INC 301 E ATLANTIC BLVD POMPANO BEACH, FL 33060 (954) 788-3400 MICHAEL J. PHILLIPS R.L.A NO 0001540	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. HSD-35
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR A1A	BROWARD	PB1935-3	