

SECTION No.(s): 860500
S.R. No.(s): A1A
FM No: 435710-1-78-01
COUNTY: BROWARD COUNTY

**DISTRICT FOUR (4) AMENDMENT NUMBER EIGHT (8) TO STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION LANDSCAPE INCLUSIVE
MEMORANDUM OF AGREEMENT**

THIS AMENDMENT Number Eight (8) to the Agreement dated January 31, 2008, 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 FORT LAUDERDALE, a municipal subdivision of the State of Florida, hereinafter called the AGENCY.

W I T N E S S E T H

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, January 31, 2008 for the purpose of maintaining the landscape improvements by the AGENCY on State Road A1A ; and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape to be installed on State Road A1A in accordance with the above referenced Agreement; and,

WHEREAS, the AGENCY by Resolution No. _____ dated _____, attached hereto and by this reference made a part hereof, desires to enter into this Agreement and authorized its officers to do so; 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 13 of the Landscape Inclusive Maintenance Memorandum of Agreement for State Road A1A dated January 31, 2008, 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 from North Atlantic Boulevard (M.P. 4.456) to State Road 816 (Oakland Park Boulevard) (M.P. 5.382) in accordance with the plans attached as **Exhibit "B"**.
2. The AGENCY shall agree to maintain the additional landscape improvements in the Agreement described above according the **Exhibit "C"** Maintenance Plan, attached to this Amendment.
3. The DEPARTMENT intends to enter into a separate contract with the AGENCY to have installed said landscape improvements for an approximate amount as indicated in **Exhibit "D"** not to exceed **\$239,096.00**.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By: _____
Director of Transportation Development

Attest: _____ (SEAL)
Executive Secretary

Legal Review

Date

Office of the General Counsel

SECTION No.(s): 860500
S.R. No.(s): A1A
FM No: 435710-1-78-01
COUNTY: BROWARD COUNTY

EXHIBIT A

**LANDSCAPE IMPROVEMENTS PROJECT LIMITS
MAINTENANCE BOUNDARIES LIMITS AND LOCATION MAP**

- I. **LANDSCAPE PROJECT LIMITS:**
State Road A1A from North Atlantic Boulevard (M.P. 4.456) to State Road 816 (Oakland Park Boulevard) (M.P. 5.382)
- II. **INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS:**
North Fort Lauderdale Beach Area (Section 86050000)
M.P. 2.039 (South of Poinsettia Street) to M.P. 6.410 (Flamingo Drive)
- III. **MAINTENANCE BOUNDARY LIMITS MAP:**

***All limits of the original agreement and amendments shall apply**

Please See Attached

SECTION No.(s): 860500
S.R. No.(s): A1A
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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: Michael D. Conner RLA
Calvin & Giordano
Date: January 14, 2015

Sheets 0-23 and 25-52

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

FINANCIAL PROJECT ID: 435710-1-78-01

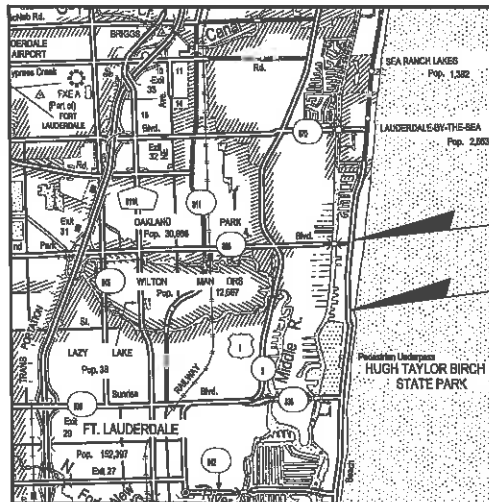
BROWARD COUNTY (33062/33308)

STATE ROAD NO. A1A

LANDSCAPE PLANS

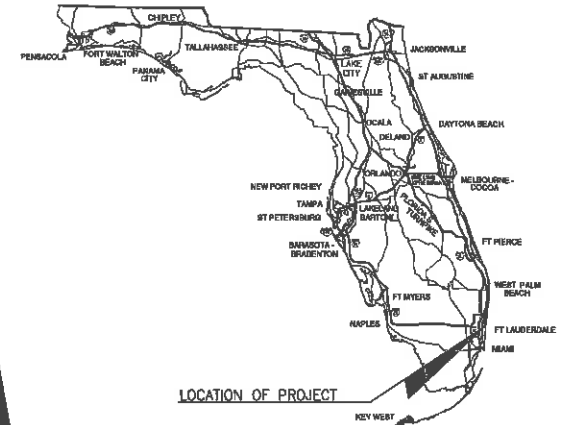
S.R. A1A

FROM NORTH ATLANTIC BLVD. (M.P. 4.456) TO
OAKLAND PARK BLVD. (M.P. 5.382)



END PROJECT
S.R. A1A
M.P. 5.382

BEGIN PROJECT
S.R. A1A
M.P. 4.456



LOCATION OF PROJECT

PLANS PREPARED BY:



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 E. Hwy. 1, Suite 601, Fort Lauderdale, Florida 33316
Phone: 954-321-1781 • Fax: 954-321-1807
Certificate of Professional Registration
Professional ID: 954-0001-0000

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/>

A1A DESIGN SPEED: 35MPH

MAINTAINING AGENCY: CITY OF FT. LAUDERDALE

Contact: Mark Almy
Beach Beautification Mgr.

City of Fort Lauderdale
Parks & Recreation Dept.
71360 West Broward Blvd.
Fort Lauderdale, FL 33312
(954) 628-5869
MAlmy@fortlauderdale.gov

KEY SHEET REVISIONS	
DATE	DESCRIPTION
07/11/14	Revised per FDOT comments
9/23/14	Revised per ERC comments
11/5/14	Second Revised per ERC comments
01/12/15	Revised per Final Agreement

LANDSCAPE PLANS
ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A.

R.L.A. NO. LICENSE No. 1181

Michael Conner
1-1A-15

FISCAL YEAR	SHEET NO.
2014	0

FDOT PROJECT MANAGER: ELISABETH HASSETT, RLA (FDOT DISTRICT IV LANDSCAPE ARCHITECT)

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JANUARY 12, 2015

GENERAL NOTES:

1. GOVERNING STANDARDS FOR CONSTRUCTION & INSTALLATION SHALL BE AS PER THE FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD INDEX 544 AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND 2015 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLEASE NOTE THAT GOVERNING SPECIFICATIONS FOR LANDSCAPE INSTALLATION SHALL BE MODIFIED SPECIAL PROVISION (MSP) AS PROVIDED IN TECHNICAL SPECIFICATIONS AND BID DOCUMENTS.

2. FDOT INDEX CAN BE FOUND AT THE FOLLOWING WEBPAGE:
http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm

3. STATE LAW MANDATES CONTACTING "SUNSHINE STATE ONE-CALL OF FLORIDA, INC." AT 811 OR 1-800-432-4770, AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

4. CONTRACTOR SHALL VIDEO TAPE WORK AREAS BEFORE (WORK COMMENCES) TO IDENTIFY EXISTING CONDITIONS, IF CEI NOT PRESENT ON PROJECT. DAMAGES TO CURBS AND ASPHALT DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED BY CONTRACTOR TO THE SATISFACTION OF FDOT, THESE REPAIRS OR REPLACEMENTS BY CONTRACTOR SHALL BE AT HIS SOLE EXPENSE.

5. CONTRACTOR(S) MUST OBTAIN FDOT PERMITS, AND SEPARATE LANDSCAPE, IRRIGATION & TREE RELOCATION/REMOVAL PERMITS FROM THE GOVERNING AGENCIES, AS REQUIRED.

6. LANDSCAPE CONTRACTOR MUST CALL THE LANDSCAPE INSPECTOR WITH THE GOVERNING AGENCY TO SCHEDULE A PRE CONSTRUCTION MEETING, ALONG WITH THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT PRIOR TO ANY SITE PREPARATION.

7. ALL CLEARING, GRUBBING, EXCAVATION, FILL AND DISPOSAL OF ALL CONSTRUCTION MATERIAL IS INCIDENTAL TO WORK, AND SHALL BE INCLUDED IN THE CONTRACT.

8. CONTRACTOR SHALL CONTACT FDOT 'OPERATIONS' FOR DIRECTION AS TO THE DISPOSAL OF EXCAVATED FILL. BROWARD OPERATIONS: CONTACT ADRIAN CROUCH MAINTENANCE PROGRAM MANAGER AT (954) 958-7643.

9. CONTRACTOR SHALL MAINTAIN CLEAR SIGHT AT MEDIAN OPENINGS FOR VEHICLES TURNING ACROSS ONCOMING TRAFFIC, AS DEFINED PER FDOT INDEX 546, EXCEPT WHERE SIGNALIZED INTERSECTIONS THAT DO NOT GO FLASHING.

10. CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEAR ZONE, AS DEFINED PER FDOT INDEX 700.

11. CONTRACTOR SHALL INSURE THAT NO SIGNS WILL BE BLOCKED DURING NEW MEDIAN PLANTING, AND THAT NO PLANT MATERIAL WILL BE BLOCKING ANY SIGN.

PLANTING NOTES:

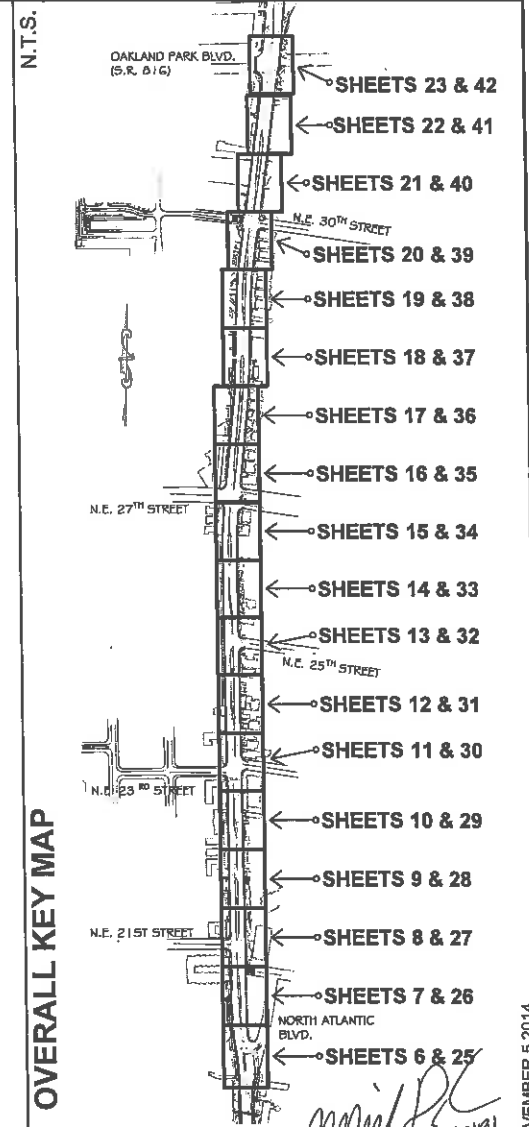
12. CONTRACTOR SHALL INSTALL PLANT MATERIAL AS DETAILED IN FDOT STANDARD INDEX 544 LANDSCAPE INSTALLATION CURRENT EDITION.

13. CYPRESS MULCH IS NOT PERMITTED ON FDOT RIGHT OF WAY. CONTRACTOR SHALL PROVIDE 3" RECYCLED MULCH CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.

UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY

- BE ADVISED THAT UNDERGROUND UTILITIES SHOWN ON PLANS ARE APPROXIMATIONS, AND MAY NOT REFLECT ALL EXISTING UNDERGROUND UTILITIES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL 811 OR 1-800-432-4770 (SUNSHINE STATE ONE CALL) A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION, AS PER CHAPTER 556 OF THE FLORIDA STATUTES.

CALL 48 HOURS BEFORE
YOU DIG IN FLORIDA, ITS THE LAW!
811 or 1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.



OVERALL KEY MAP

N.T.S.

OVERALL KEY MAP & NOTES

SHEET NO.
1

REVISIONS		REVISIONS		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
8/23/14	Revised per ERC comments			A1A	BROWARD	435710-1-78-01	1
11/5/14	Second Revised per ERC comments						

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE 161181
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Wilk Drive, Suite 200, Fort Lauderdale, Florida 33316
 Phone 954-323-7781 • Fax 954-323-6207
 Certificate of Registration LC00000939
 VENDOR I.D. NO. 85-001-3889

TREE SURVEY STATUS CHART

TREE NO.	COMMON NAME	BOTANICAL NAME	NATIVE	DBH (in)	CANOPY AREA (Sq Ft)	TO BE REMOVED	TO REMAIN	TO BE RELOCATED	STATION	OFFSET	HEIGHT (ft)	NOTES
STATIONS AND OFFSETS TAKEN FROM BASELINE OF SURVEY (A1A)												
101	Cabbage Palm	Sabal Palmetto	X	-	-	X						POOR CONDITION
102	Cabbage Palm	Sabal Palmetto	X					X				ALL RELOCATED SABAL PALMS TO BE MOVED OFF-SITE, AS DIRECTED BY CITY(TYPICAL)
103	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
104	Cabbage Palm	Sabal Palmetto	X					X				
105	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
106	Cabbage Palm	Sabal Palmetto	X					X				
107	Cabbage Palm	Sabal Palmetto	X			X						WOUND ON TRUNK
108	Cabbage Palm	Sabal Palmetto	X					X				
109	Cabbage Palm	Sabal Palmetto	X					X				
110	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
111	Cabbage Palm	Sabal Palmetto	X			X						CROOKED TRUNK, POOR CONDITION
112	Chinese Fan Palm	Livistona chinensis						X				Double Fan Palm - TO BE RELOCATED OFF-SITE, AS DIRECTED BY CITY (TYPICAL)
113	Cabbage Palm	Sabal Palmetto	X					X				
114	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
115	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
116	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
117	Cabbage Palm	Sabal Palmetto	X			X						WOUND ON TRUNK
118	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
119	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
120	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
121	Black Olive Tree	Bucida buceras		30"		X						INVASIVE ROOTS MESSY
122	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
123	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
124	Cabbage Palm	Sabal Palmetto	X			X						WOUND ON TRUNK
125	Cabbage Palm	Sabal Palmetto	X					X				
126	Cabbage Palm	Sabal Palmetto	X					X				
127	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
128	Cabbage Palm	Sabal Palmetto	X					X				
129	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
130	Cabbage Palm	Sabal Palmetto	X			X						WOUND ON TRUNK
131	Cabbage Palm	Sabal Palmetto	X					X				
132	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
133	Cabbage Palm	Sabal Palmetto	X			X						CROOKED TRUNK, POOR CONDITION
134	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
135	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
136	Black Olive Tree	Bucida buceras		32"		X						INVASIVE ROOTS, WOUND ON TRUNK
137	Cabbage Palm	Sabal Palmetto	X					X				
138	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
139	Cabbage Palm	Sabal Palmetto	X					X				
140	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
141	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
142	Cabbage Palm	Sabal Palmetto	X					X				
143	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
144	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
145	Black Olive Tree	Bucida buceras		36"		X						INVASIVE ROOTS, POOR CONDITION
146	Black Olive Tree	Bucida buceras		22"		X						INVASIVE ROOTS, POOR CONDITION
147	Black Olive Tree	Bucida buceras		20"		X						INVASIVE ROOTS, WOUND ON TRUNK
148	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
149	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION

REVISIONS DATE DESCRIPTION 07/11/14 Revised per FDOT comments 9/23/14 Revised per ERC comments 11/5/14 Second Revised per ERC comments		LANDSCAPE ARCHITECT OF RECORD: MICHAEL GIMNER A.L.A., LICENSE #16181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. Glades, Suite 100, Fort Lauderdale, Florida 33316 Phone: (954) 551-7788 • Fax: (954) 551-6807 Certificate of Authorization: LC00000078 VENDOR ID: NO. 05-001-588		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 435710-1-78-01		TREE SURVEY STATUS CHART SHEET NO. 2	
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NOVEMBER 5, 2014

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TREE SURVEY STATUS CHART

TREE NO.	COMMON NAME	BOTANICAL NAME	NATIVE	DBH (in)	CANOPY AREA (Sq Ft)	TO BE REMOVED	TO REMAIN	TO BE RELOCATED	STATION	OFFSET	HEIGHT (FT)	NOTES
STATIONS AND OFFSETS TAKEN FROM BASELINE OF SURVEY (A1A)												
150	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
151	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
152	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
153	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
154	Black Olive Tree	Bucida buceras		28"		X						INVASIVE ROOTS, POOR CONDITION
155	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
156	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
157	Black Olive Tree	Bucida buceras		22"		X						POOR CONDITION, WOUND ON TRUNK
158	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, CROOKED TRUNK
159	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, CROOKED TRUNK
160	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, CROOKED TRUNK
161	Cabbage Palm	Sabal Palmetto	X					X				
162	Silver Buttonwood	Conocarpus erectus	X	10"		X						POOR CONDITION
163	Silver Buttonwood	Conocarpus erectus	X	10"		X						POOR CONDITION
164	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
165	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
166	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
167	Cabbage Palm	Sabal Palmetto	X					X				
168	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, WOUND ON TRUNK
169	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, WOUND ON TRUNK
170	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, WOUND ON TRUNK
171	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, WOUND ON TRUNK
172	Cabbage Palm	Sabal Palmetto	X					X				
173	Cabbage Palm	Sabal Palmetto	X					X				
174	Cabbage Palm	Sabal Palmetto	X					X				
175	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
176	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
177	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
178	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
179	Ligustrum	Ligustrum japonicum				X						POOR CONDITION
180	Black Olive Tree	Bucida buceras		26"		X						INVASIVE ROOTS, POOR CONDITION
181	Black Olive Tree	Bucida buceras		28"		X						POOR CONDITION, WOUND ON TRUNK
182	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
183	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
184	Cabbage Palm	Sabal Palmetto	X					X				POOR CONDITION
185	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
186	Black Olive Tree	Bucida buceras		24"		X						POOR CONDITION, INVASIVE ROOTS
187	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
188	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
189	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
190	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
191	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
192	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION, INVASIVE ROOTS
193	Black Olive Tree	Bucida buceras		36"		X						INVASIVE ROOTS, WOUND ON TRUNK
194	Cabbage Palm	Sabal Palmetto	X					X				
195	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
196	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
197	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
198	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
199	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
200	Cabbage Palm	Sabal Palmetto	X			X						POOR CONDITION
201	Black Olive Tree	Bucida buceras		28"		X						INVASIVE ROOTS, POOR CONDITION

REVISIONS 07/11/14 Revised per PDC comments 9/23/14 Revised per ERC comments 11/5/14 Second Revised per ERC comments		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 161191 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. Broward Blvd., Suite 400, Fort Lauderdale, Florida 33316 Phone: (954) 377-8111 • Fax: (954) 383-0307 Our Website: www.fortlauderdale.com VENDOR ID: NO. 65-061-1999		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 435710-1-78-01		TREE SURVEY STATUS CHART SHEET NO. 3	
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NOVEMBER 5, 2014

Handwritten signature and date: 1-14-15

TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	NATIVE	DROUGHT TOLERANT	UNIT	SHEET NUMBERS								TOTAL FOR SHEETS 25 TO 28		GRAND TOTAL	
											25		26		27		28					
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
N/A	N/A	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	12'-16' G.W.	N/A	AS NOTED			EA.									3		36	
N/A	N/A	PES	Psychosperma elegans	Solitaire Palm - Single	12'-14' C.T.	N/A	AS NOTED			EA.			5						5		13	
N/A	N/A	VMM	Veitchia montgomeryana	Montgomery Palm	12'-14' C.T.	N/A	AS NOTED			EA.											10	
N/A	N/A	ABO	Aechmea blanchetiana 'Dean'	'Dean' Bromeliads	3 Gal., 18" Ht.X15"	36" Ht.	24" O.C.			EA.					40		21				61	
N/A	N/A	ACB	Neoregelia 'orange crush'	Orange crush bromeliad	3 Gal., 15" Ht.X15"	18" Ht.	24" O.C.			EA.					80		67				222	
N/A	N/A	CES	Conocarpus erectus 'Sencius'	Silver Buttonwood	3 Gal., 24" Ht.X18"	48" Ht.	18" O.C.	Yes	Yes	EA.					40		45				65	
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.X15"	24" Ht.	24" O.C.			EA.					80		110				190	
N/A	N/A	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 Gal., 24" Ht.X24"	48" Ht.	42" O.C.	Yes	Yes	EA.							14				14	
N/A	N/A	JUN	Juniperus chinensis 'parsonii'	Parson's Juniper	3 Gal., 12" Ht.X12"	15" Ht.	18" O.C.			EA.			574		501		414				1,489	

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	NATIVE	DROUGHT TOLERANT	UNIT	SHEET NUMBERS								TOTAL FOR SHEETS 29 TO 32		GRAND TOTAL	
											29		30		31		32					
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
N/A	N/A	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	12'-16' G.W.	N/A	AS NOTED			EA.				8		2		10		36		
N/A	N/A	PES	Psychosperma elegans	Solitaire Palm - Single	12'-14' C.T.	N/A	AS NOTED			EA.										13		
N/A	N/A	VMM	Veitchia montgomeryana	Montgomery Palm	12'-14' C.T.	N/A	AS NOTED			EA.	3							3		10		
N/A	N/A	ABO	Aechmea blanchetiana 'Dean'	'Dean' Bromeliads	3 Gal., 18" Ht.X15"	36" Ht.	24" O.C.			EA.				231		23		254		986		
N/A	N/A	ACB	Neoregelia 'orange crush'	Orange crush bromeliad	3 Gal., 15" Ht.X15"	18" Ht.	24" O.C.			EA.	130					84		194		972		
N/A	N/A	CES	Conocarpus erectus 'Sencius'	Silver Buttonwood	3 Gal., 24" Ht.X18"	48" Ht.	18" O.C.	Yes	Yes	EA.	84			249		30		383		1,051		
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.X15"	24" Ht.	24" O.C.			EA.				313		48		361		1,730		
N/A	N/A	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 Gal., 24" Ht.X24"	48" Ht.	42" O.C.	Yes	Yes	EA.				15		15		30		129		
N/A	N/A	JUN	Juniperus chinensis 'parsonii'	Parson's Juniper	3 Gal., 12" Ht.X12"	15" Ht.	18" O.C.			EA.						454		454		4,341		

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	NATIVE	DROUGHT TOLERANT	UNIT	SHEET NUMBERS								TOTAL FOR SHEETS 33 TO 36		GRAND TOTAL					
											33		34		35		36									
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
N/A	N/A	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	12'-16" G.W.	N/A	AS NOTED			EA.							6				6		36			
N/A	N/A	PES	Psychosperma elegans	Solitaire Palm - Single	12'-14" C.T.	N/A	AS NOTED			EA.			3								3		13			
N/A	N/A	VMM	Veitchia montgomeryana	Montgomery Palm	12'-14" C.T.	N/A	AS NOTED			EA.					3						4		7		10	
N/A	N/A	ABO	Aechmea blanchetiana 'Dean'	'Dean' Bromeliads	3 Gal., 18" Ht.X15"	36" Ht.	24" O.C.			EA.											128		128		986	
N/A	N/A	ACB	Neoregelia 'orange crush'	Orange crush bromeliad	3 Gal., 15" Ht.X15"	18" Ht.	24" O.C.			EA.											168		386		972	
N/A	N/A	CES	Conocarpus erectus 'Sencius'	Silver Buttonwood	3 Gal., 24" Ht.X18"	48" Ht.	18" O.C.	Yes	Yes	EA.			130		98						180		180		1,051	
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.X15"	24" Ht.	24" O.C.			EA.											240		240		1,730	
N/A	N/A	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 Gal., 24" Ht.X24"	48" Ht.	42" O.C.	Yes	Yes	EA.											16		16		129	
N/A	N/A	JUN	Juniperus chinensis 'parsonii'	Parson's Juniper	3 Gal., 12" Ht.X12"	15" Ht.	18" O.C.			EA.	112		802		501		651				1,868		4,341			

REVISIONS										LANDSCAPE ARCHITECT OF RECORD: MICHAEL DEEMER (R.L.A., LICENSE #11151)	FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			PLANT SCHEDULES			SHEET NO.
DATE		DESCRIPTION		DATE		DESCRIPTION											
07/11/14		Revised per FDOT comments							Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS® 1000 Blue Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone 954.921.7781 • Fax 954.921.0057 Certificate of Professional Registration LC00000238 VENDOR I.D. NO. 65-001-3395	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	1-X-15	4			
9/23/14		Revised per ERC comments								A1A	BROWARD	435710-1-78-01					
11/05/14		Second Revised per ERC comments															
01/12/15		Revised per Final Agreement															
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USER: operado 1/12/2015 5:31:08 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-SCHEDULE NOTES - ALTERNATE NOTES.dwg

JANUARY 12, 2015

Handwritten signature
1-X-15

TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	NATIVE	DROUGHT TOLERANT	UNIT	SHEET NUMBERS								TOTAL FOR SHEETS 37 TO 40		GRAND TOTAL	
											37		38		39		40					
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
N/A	N/A	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	12'-16' G.W.	N/A	A5 NOTED			EA.	2		8		2		5		17		36	
N/A	N/A	PES	Physcosperma elegans	Solitaire Palm - Single	12'-14' C.T.	N/A	A5 NOTED			EA.							2		2		13	
N/A	N/A	VMM	Veitchia montgomeryana	Montgomery Palm	12'-14' C.T.	N/A	A5 NOTED			EA.											10	
N/A	N/A	ABO	Aechmea blanchetiana 'Dean'	'Dean' Bromeliads	3 Gal., 18" Ht.X15"	36" Ht.	24" O.C.			EA.	25		249		28		120		420		986	
N/A	N/A	ACB	Neoregelia 'orange crush'	Orange crush bromeliad	3 Gal., 15" Ht.X15"	18" Ht.	24" O.C.			EA.	85				78				161		972	
N/A	N/A	CES	Conocarpus erectus 'Sencus'	Silver Buttonwood	3 Gal., 24" Ht.X18"	48" Ht.	18" O.C.	Yes	Yes	EA.	42		240		42		99		423		1,051	
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.X15"	24" Ht.	24" O.C.			EA.	69		290		108		340		807		1,730	
N/A	N/A	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 Gal., 24" Ht.X24"	48" Ht.	42" O.C.	Yes	Yes	EA.	14		15		16		24		89		129	
N/A	N/A	JUN	Juniperus chinensis 'parsonii'	Parson's Juniper	3 Gal., 12" Ht.X12"	15" Ht.	18" O.C.			EA.	532								532		4,341	

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	NATIVE	DROUGHT TOLERANT	UNIT	SHEET NUMBERS								TOTAL FOR SHEETS 41 TO 42		GRAND TOTAL		
											41		42		-		-						
											PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL			
N/A	N/A	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	12'-16' G.W.	N/A	A5 NOTED			EA.												36	
N/A	N/A	PES	Ptychosperma elegans	Solitaire Palm - Single	12'-14' C.T.	N/A	A5 NOTED			EA.	3								2			13	
N/A	N/A	VMM	Veitchia montgomeryana	Montgomery Palm	12'-14' C.T.	N/A	A5 NOTED			EA.												10	
N/A	N/A	ABO	Aechmea blanchetiana 'Dean'	'Dean' Bromeliads	3 Gal., 18" Ht.X15"	36" Ht.	24" O.C.			EA.	128								128			986	
N/A	N/A	ACB	Neoregelia 'orange crush'	Orange crush bromeliad	3 Gal., 15" Ht.X15"	18" Ht.	24" O.C.			EA.												972	
N/A	N/A	CES	Conocarpus erectus 'Sencus'	Silver Buttonwood	3 Gal., 24" Ht.X18"	48" Ht.	18" O.C.	Yes	Yes	EA.												1,051	
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.X15"	24" Ht.	24" O.C.			EA.	132								132			1,730	
N/A	N/A	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 Gal., 24" Ht.X24"	48" Ht.	42" O.C.	Yes	Yes	EA.												129	
N/A	N/A	JUN	Juniperus chinensis 'parsonii'	Parson's Juniper	3 Gal., 12" Ht.X12"	15" Ht.	18" O.C.			EA.												4,341	

LEGEND OF EXISTING PLANT MATERIAL:

SYMBOLS

SGL DBL



EXISTING TREE/PALM TO REMAIN



EXISTING TREE/PALM TO BE
RELOCATED- OFF SITE, AS DIRECTED
BY CITY



EXISTING TREE/PALM TO BE
REMOVED



EXISTING PLANT MATERIAL
IDENTIFICATION LABEL

LEGEND OF NEW PLANT MATERIAL

PALM TREES	CODE	BOTANICAL NAME	COMMON NAME	CONT	TRUNK	HT X SPRD	CT	GRADE	REMARKS
	CNG	Cocos nucifera 'Green Malayan'	Coconut Palm	Field Grown	Single	20'-24" O.A.	12'-16" G.W.	Florida No. 1	Straight trunks
	PES	Ptychosperma elegans	Solitaire Palm - Single	Field Grown	Single	18'-20" O.A.	12'-14" C.T.	Florida No. 1	
	VMM	Veitchia montgomeryana	Montgomery Palm	Field Grown	Single	18'-20" O.A.	12'-14" C.T.	Florida No. 1	
SHRUB AREAS	CODE	BOTANICAL NAME	COMMON NAME	CONT	HT. X SPRD.	SPEC.		SPACING	REMARKS
	ABO	Aechmea blanchetiana 'Dean'	Dean Bromeliad	3 gal	18" x 15"	Full		24" o.c.	
	CES	Conocarpus erectus 'Sencus'	Silver Buttonwood	3 gal	24" x 18"	Full to Ground		18" o.c.	3 STAGGERED ROWS
	TDF	Tripsacum flondanum	Dwarf Fakahatchee Grass	3 gal	24" x 24"	Full		42" o.c.	
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME	CONT	HT. X SPRD.	SPEC.		SPACING	REMARKS
	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gal	15" x 15"	Full		24" o.c.	
	JUN	Juniperus chinensis 'Parsonii'	Parson Juniper	3 gal	12" x 12"			18" o.c.	
	ACB	Neoregelia x 'Orange Crush'	Bromeliad	3 gal	15" x 15"	Full		24" o.c.	

REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments				
9/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				
01/12/15	Revised per Final Agreement				

LANDSCAPE ARCHITECT OF RECORD: MICHEL COMIER, F.L.A., LICENSE NO. 181

Calvin, Giordano & Associates, Inc.

EXCEPTIONAL SOLUTIONS

1800 EBR Drive, Suite 100, Fort Lauderdale, Florida 33316

Phone: 954.562.7781 • Fax: 954.562.1587

Certificate of Authorization: LC20090038

VEINOR L.B. NO. 65-801-3883

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

PLANT SCHEDULES

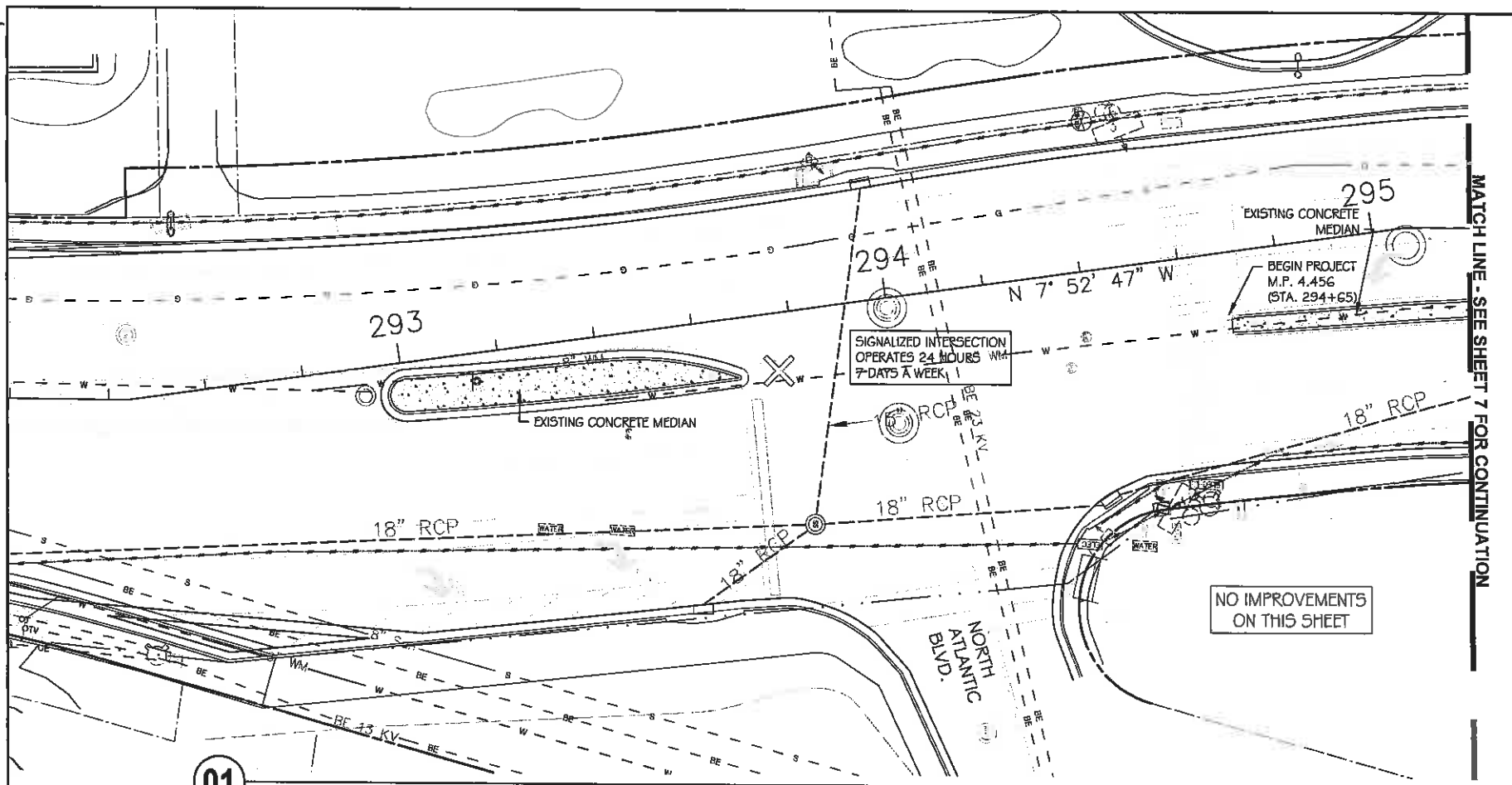
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5

JANUARY 12 2015

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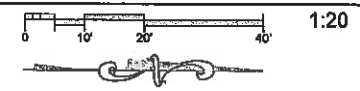
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MATCH LINE - SEE SHEET 7 FOR CONTINUATION

01 DISPOSITION PLAN

SIGHT DISTANCES (TYP.):
 - SIGHT DISTANCE TRIANGLES ARE BASED ON FDOT INDEX 546,
 4 LANE DIVIDED HIGHWAY WITH MEDIANS LESS THAN 22',
 DESIGN SPEED OF 35MPH.
 - CARS ENTERING ROAD FROM SIDE STREETS MUST HAVE A
 CLEAR LINE OF SIGHT FOR 460 FT.
 - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST
 BE ABLE TO SEE 310 FT.



NO IMPROVEMENTS
ON THIS SHEET

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
09/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1151

GA Calvin Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 E. 15th Ave., Suite 600, Fort Lauderdale, Florida 33316
 Phone: 954.331.7781 • Fax: 954.363.1187
 Certificate of Professional License LCR0000020
 VENDOR ID NO. 85-081-3880

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

DISPOSITION PLAN 1/14/15

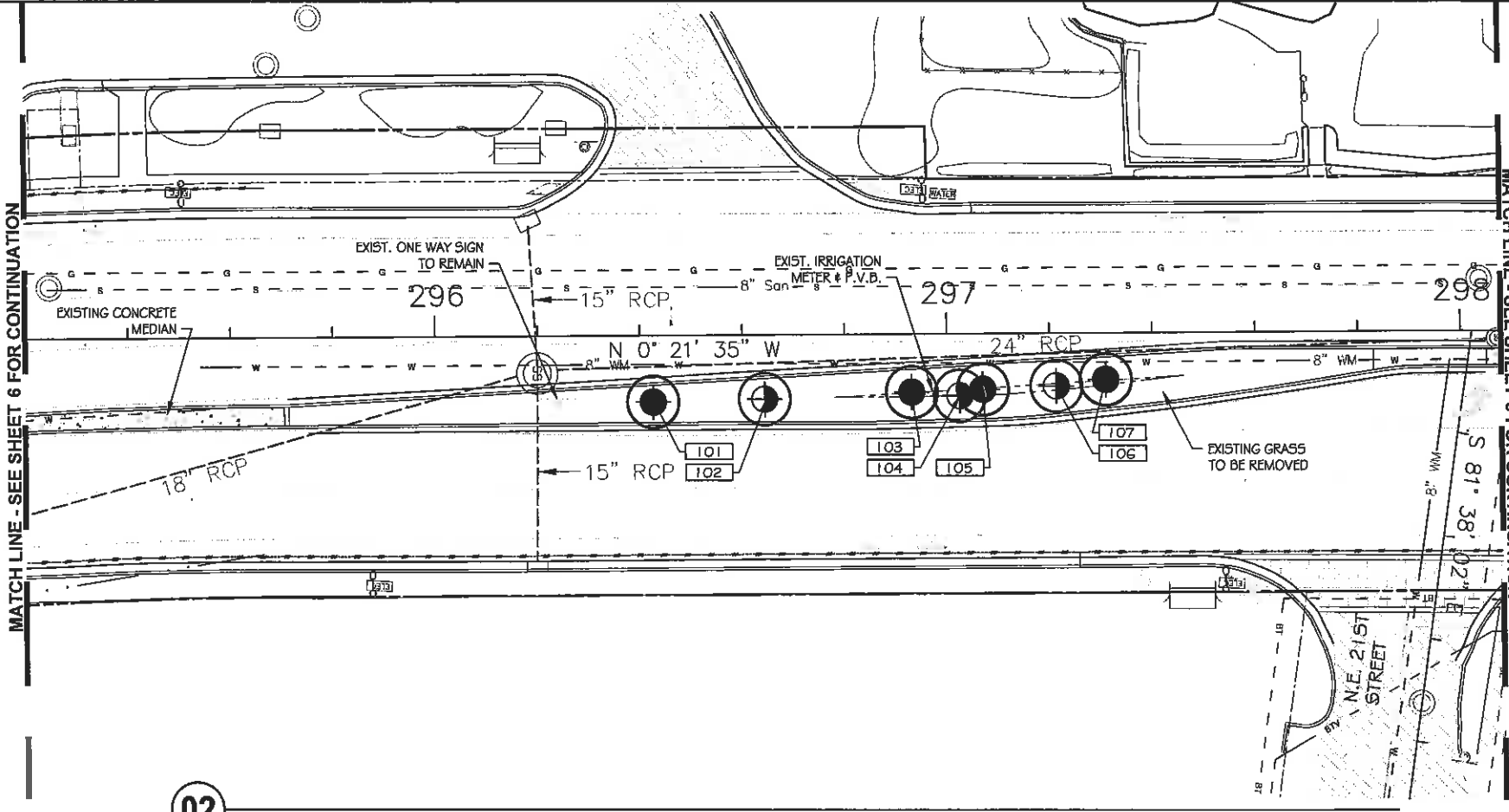
SHEET NO. 6

JANUARY 12, 2015

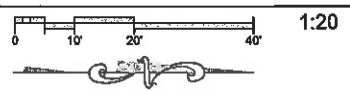
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MATCH LINE - SEE SHEET 6 FOR CONTINUATION

MATCH LINE - SEE SHEET 8 FOR CONTINUATION



02 DISPOSITION PLAN



Handwritten signature and initials
1-A-15

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
09/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHEL COMIER, R.L.A., LICENSE NO. 1181

Calvin, Giordano & Associates, Inc.

EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 403, Fort Lauderdale, Florida 33316

Phone: (954) 377-1101 • Fax: (954) 377-1807

Certificate of Professional Registration: LC30000329

VENUE: L.A. NO. 12-011-2899

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

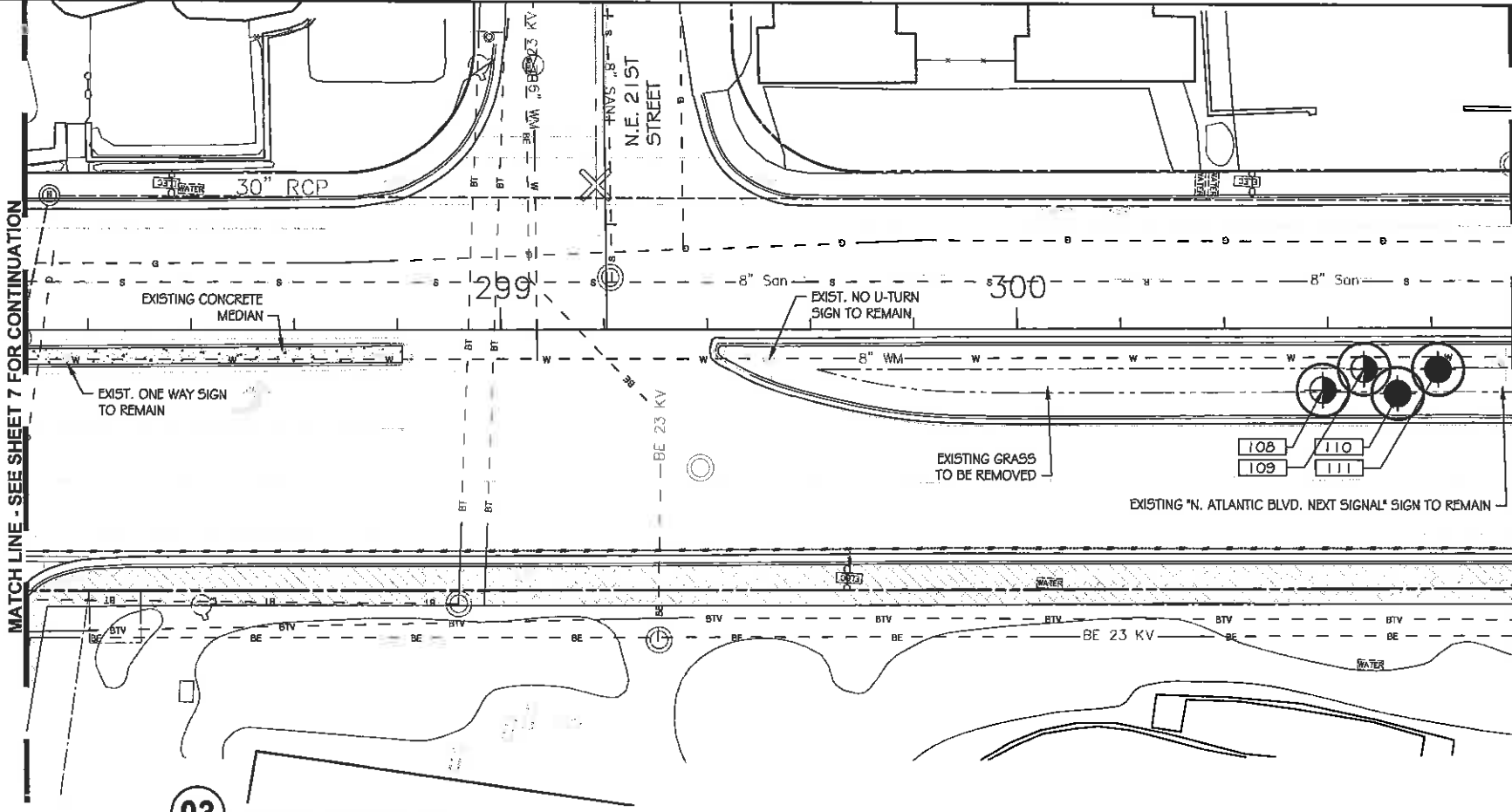
DISPOSITION PLAN

SHEET NO. 7

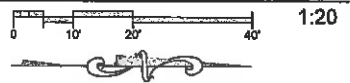
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MATCH LINE - SEE SHEET 7 FOR CONTINUATION

MATCH LINE - SEE SHEET 9 FOR CONTINUATION



03 DISPOSITION PLAN



Jim DK
1-14-15

JANUARY 12, 2015

REVISIONS		REVISIONS		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
07/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	8
9/23/14	Revised per ERC comments						
11/5/14	Second Revised per ERC comments						
01/12/15	Revised per Final Agreement						



LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 11181
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 100, Fort Lauderdale, Florida 33316
Phone: (954) 553-7799 • Fax: (954) 553-1407
Certificate of Registration LC00000338
VENDOR I.D. NO. 05-001-389

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

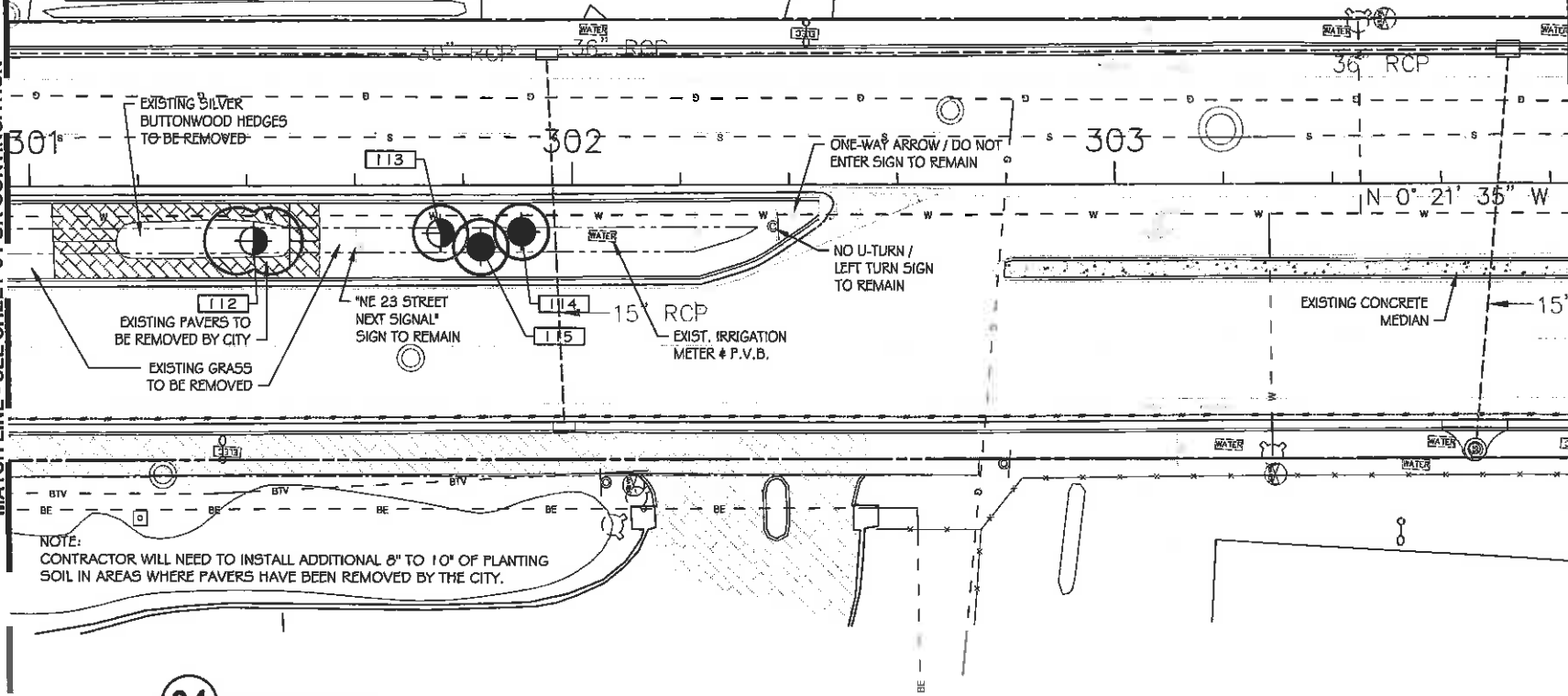
DISPOSITION PLAN

SHEET NO.
8

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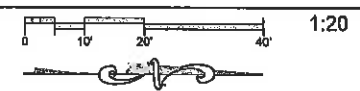
MATCH LINE - SEE SHEET 8 FOR CONTINUATION

MATCH LINE - SEE SHEET 10 FOR CONTINUATION



NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8" TO 1.0" OF PLANTING SOIL IN AREAS WHERE PAVERS HAVE BEEN REMOVED BY THE CITY.

04 DISPOSITION PLAN



Handwritten signature: J. M. D. L. LA 11/21

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/17/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHEL COMIER, P.L.L.C., LICENSE #1141

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 Miller Drive, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.561.2781 • Fax: 954.561.2857
Certificate of Authorization LC000000334
VENDOR I.D. NO. 08-001-2083

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

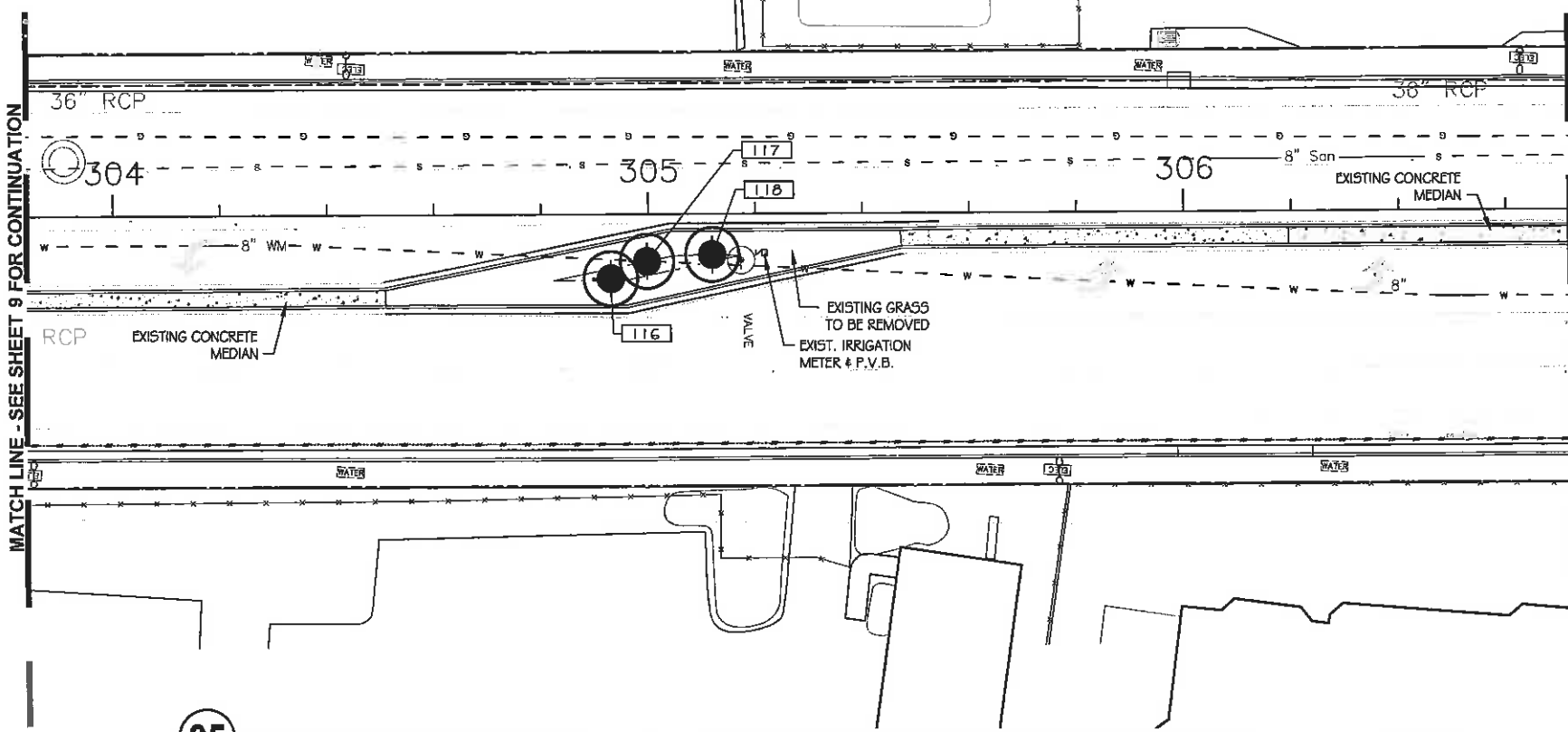
DISPOSITION PLAN HA-15

SHEET NO.
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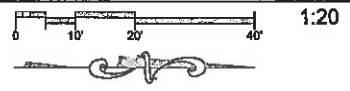
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MATCH LINE - SEE SHEET 9 FOR CONTINUATION

MATCH LINE - SEE SHEET 11 FOR CONTINUATION



05 DISPOSITION PLAN



Min D.L.
1/11/15

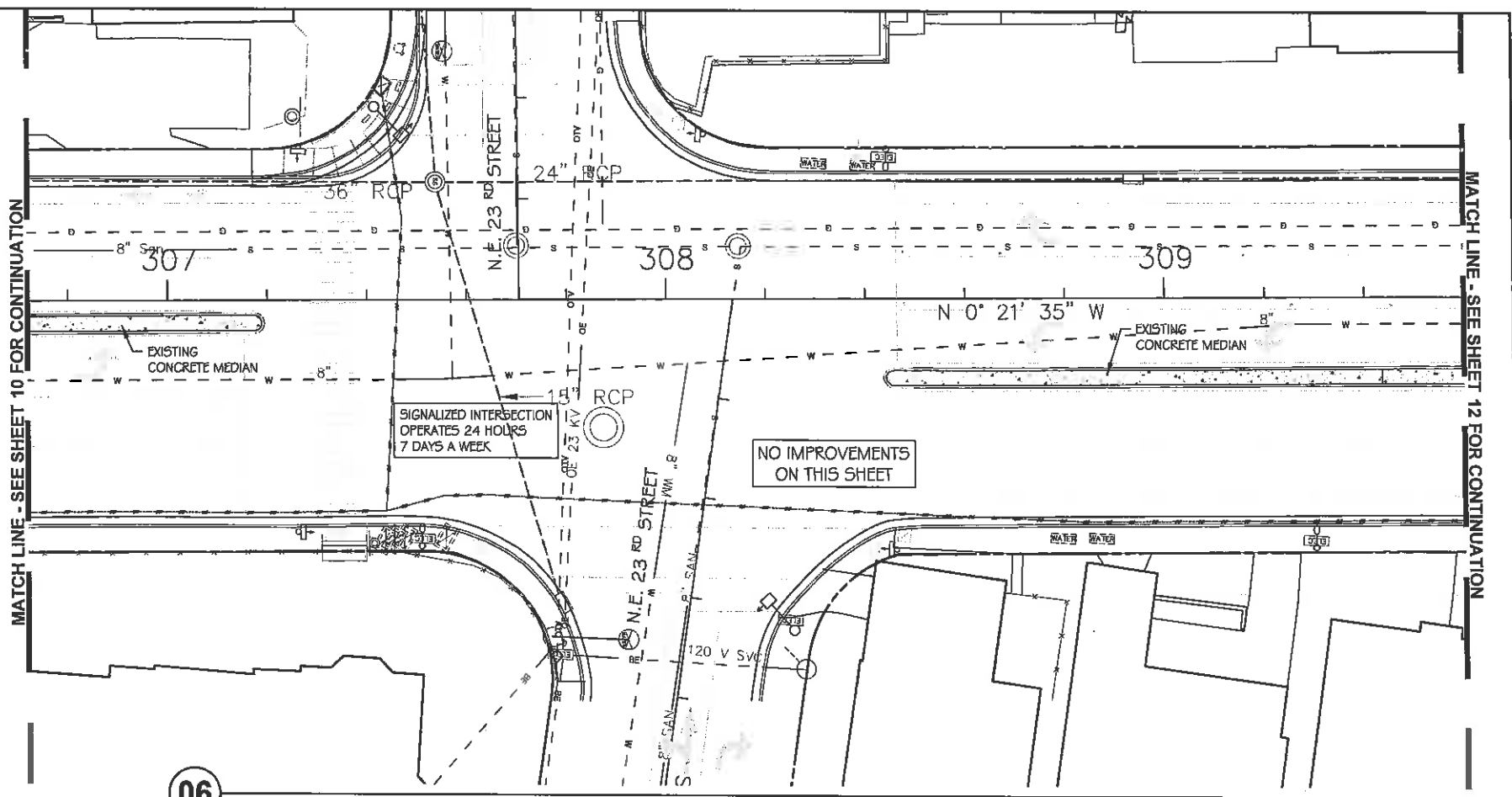
JANUARY 12, 2015

REVISIONS				LANDSCAPE ARCHITECT OF RECORD: MICHEL CONNER, R.L.A., LICENSE #11191		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			DISPOSITION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		Calvin, Giordano & Associates, Inc.	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
07/11/14	Revised per FDOT comments				EXCEPTIONAL SOLUTIONS	1800 Elber Cay, Suite 100, Fort Lauderdale, Florida 33316 Phone 954.521.2791 • Fax 954.521.8897 Certificate of Registration: L1000000339 VENDOR ID: NO. 65-061-3809	A1A	BROWARD		
9/23/14	Revised per ERC comments									10
11/5/14	Second Revised per ERC comments									

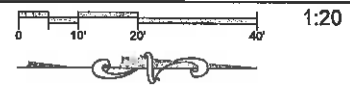
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MATCH LINE - SEE SHEET 10 FOR CONTINUATION

MATCH LINE - SEE SHEET 12 FOR CONTINUATION



06 LANDSCAPE PLAN



M. P. C.
1/8/15

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
9/23/14	Revised per ERC comments			A1A	BROWARD	435710-1-78-01	11
11/5/14	Second Revised per ERC comments						

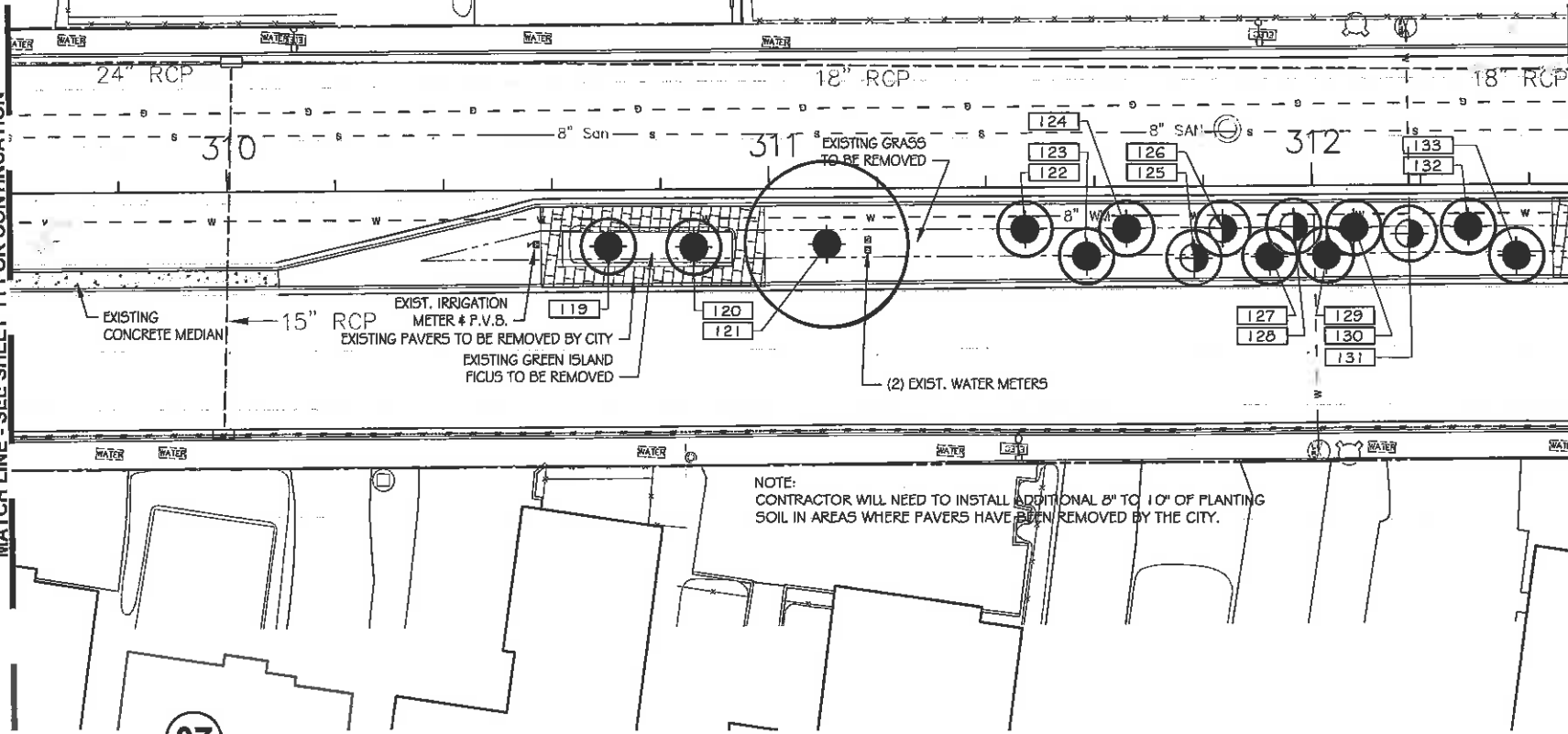
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONSSM
1800 West Chiles, Suite 400, Fort Lauderdale, Florida 33316
Phone 954.523.3781 • Fax 954.581.6107
Certificate of Authorization LC200005328
VENDOR ID: NO. 85-001-3865

DISPOSITION PLAN 1-1A-15

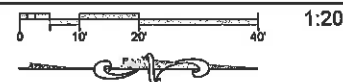
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MATCH LINE - SEE SHEET 11 FOR CONTINUATION

MATCH LINE - SEE SHEET 13 FOR CONTINUATION



07 DISPOSITION PLAN



NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8\"/>

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
09/23/14	Revised per ERG comments		
11/05/14	Second Revised per ERG comments		

		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
A1A	BROWARD	435710-178-01	

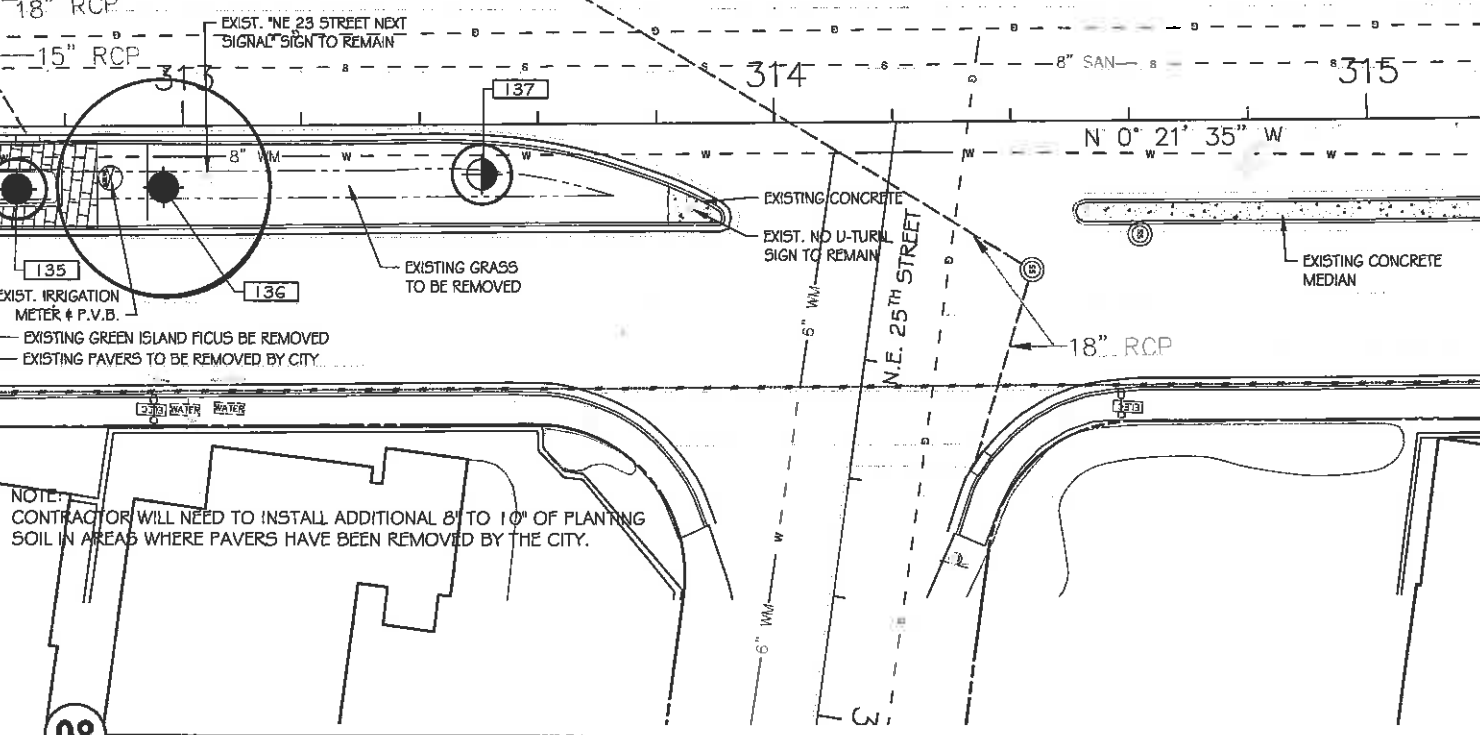
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1-14-15		12

JANUARY 12, 2015

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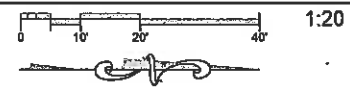
MATCH LINE - SEE SHEET 12 FOR CONTINUATION

MATCH LINE - SEE SHEET 14 FOR CONTINUATION



NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8\"/>

08 DISPOSITION PLAN



Mini PR
1-14-15

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, P.L.A., LICENSE No. 181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		DISPOSITION PLAN 1-14-15	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
07/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	
9/23/14	Revised per ERC comments						
11/5/14	Second Revised per ERC comments						


Colvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Hill Drive, Suite 600, Fort Lauderdale, Florida 33316
 Phone: 954.551.0781 • Fax: 954.551.0807
 Certificate of Registration: LC-80900338
 VENDOR ID: NO. 03-001-3889

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CHURCH
ENTRANCE

MATCH LINE - SEE SHEET 13 FOR CONTINUATION

MATCH LINE - SEE SHEET 15 FOR CONTINUATION

316

317

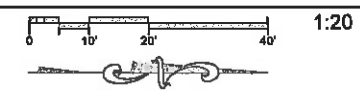
318

EXISTING CONCRETE
MEDIAN

EXIST. NO U-TURN
SIGN TO REMAIN

EXISTING GRASS
TO BE REMOVED

09 DISPOSITION PLAN



Handwritten signature: M. P. L. 1-14-15

JANUARY 12, 2015

REVISIONS		DESCRIPTION		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
07/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	14
09/23/14	Revised per ERC comments						
11/5/14	Second Revised per ERC comments						

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, R.L.A., LICENSE NO. 1181

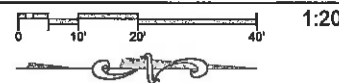
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1100 Bldg. 2, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.581.7788 • Fax: 954.581.8807
Certificate of Authorization LC000000538
VENDOR ID. NO. 65-001-3883

MATCH LINE - SEE SHEET 14 FOR CONTINUATION

MATCH LINE - SEE SHEET 16 FOR CONTINUATION

10 DISPOSITION PLAN



Handwritten signature and date: 1/11/15

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
09/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE NO. 11811

GA **Calvin, Giordano & Associates, Inc.**
EXCEPTIONAL SOLUTIONS

1820 W. Dixie, Suite 101, Fort Lauderdale, Florida 33316
Phone 954.521.7788 • Fax 954.521.8807
Certificate of Authorization LCO00000238
VEND001.00, NO. 02-001-0009

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

DISPOSITION PLAN

1-14-15

SHEET NO.
15

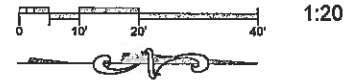
MATCH LINE - SEE SHEET 15 FOR CONTINUATION

MATCH LINE - SEE SHEET 17 FOR CONTINUATION

N.E. 27TH STREET

11

DISPOSITION PLAN



NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8" TO 10"
OF PLANTING SOIL IN AREAS WHERE PAVERS HAVE BEEN
REMOVED BY THE CITY.

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, R.L.A., LICENSE NO. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		DISPOSITION PLAN	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
07/11/14	Revised per FDOT comments			A1A	BROWARD		
09/23/14	Revised per ERC comments					435710-1-78-01	
11/05/14	Second Revised per ERC comments						

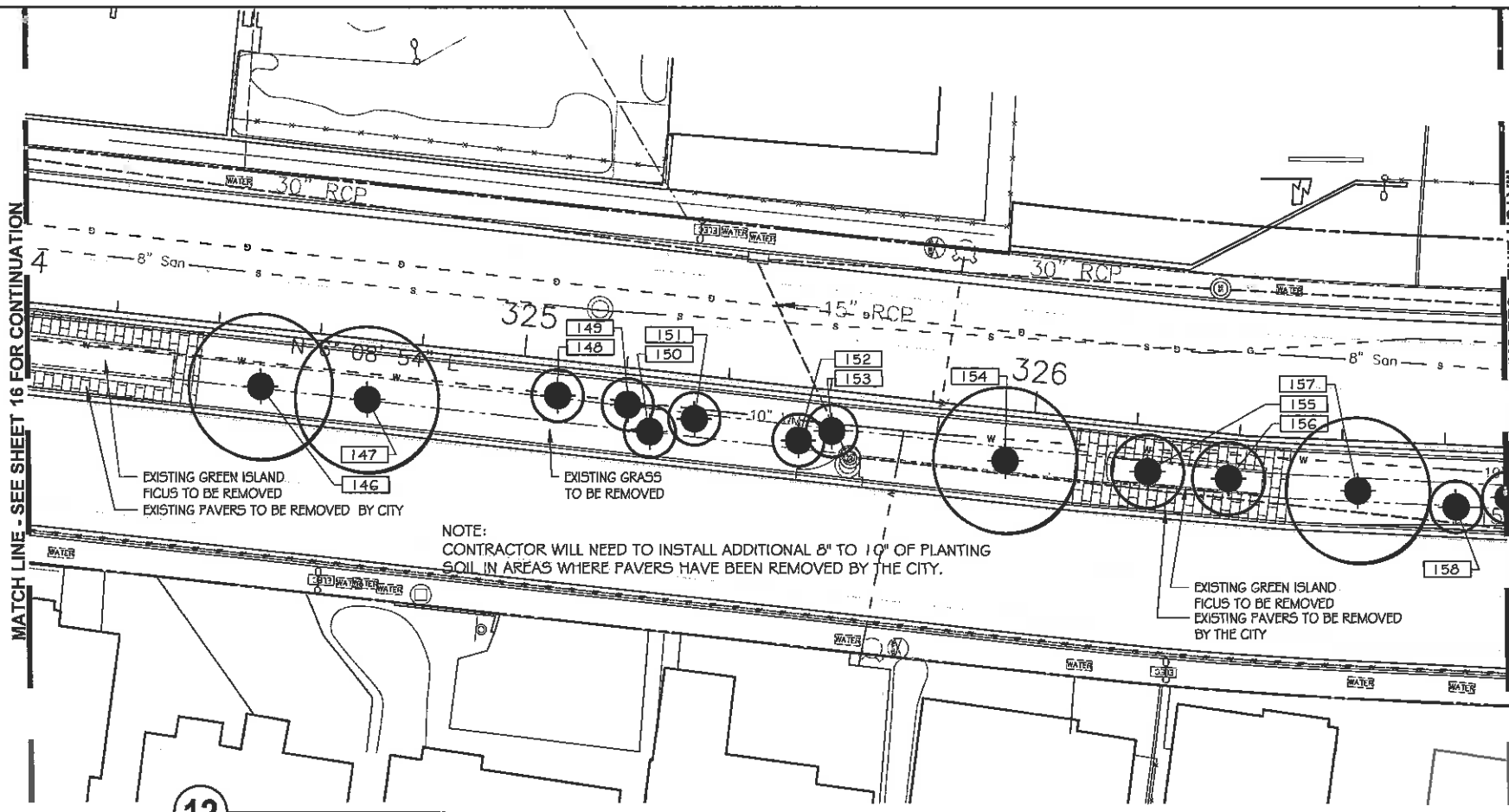


Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 400, Fort Lauderdale, Florida 33316
Phone 954.681.3786 • Fax 954.681.8807
Certificate of Authorization LC00008338
VERISIGN I.D. NO. 68-001-3889

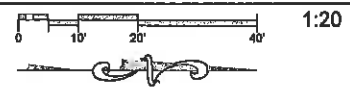
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MATCH LINE - SEE SHEET 16 FOR CONTINUATION

MATCH LINE - SEE SHEET 18 FOR CONTINUATION



12 DISPOSITION PLAN



Handwritten signature: Jim P. L. 1/15/15

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, A.L.A., LICENSE NO. 1101		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	
07/11/14	Revised per FDOT comments			A1A	BROWARD	17
09/23/14	Revised per ERC comments					
11/05/14	Second Revised per ERC comments					

GA
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1870 Eller Drive, Suite 100, Fort Lauderdale, Florida 33315
 Phone 954.551.2791 • Fax 954.521.0827
 Certificate of Registration 120000000339
 WEATHERS, L.P., NO. 95-293-3389

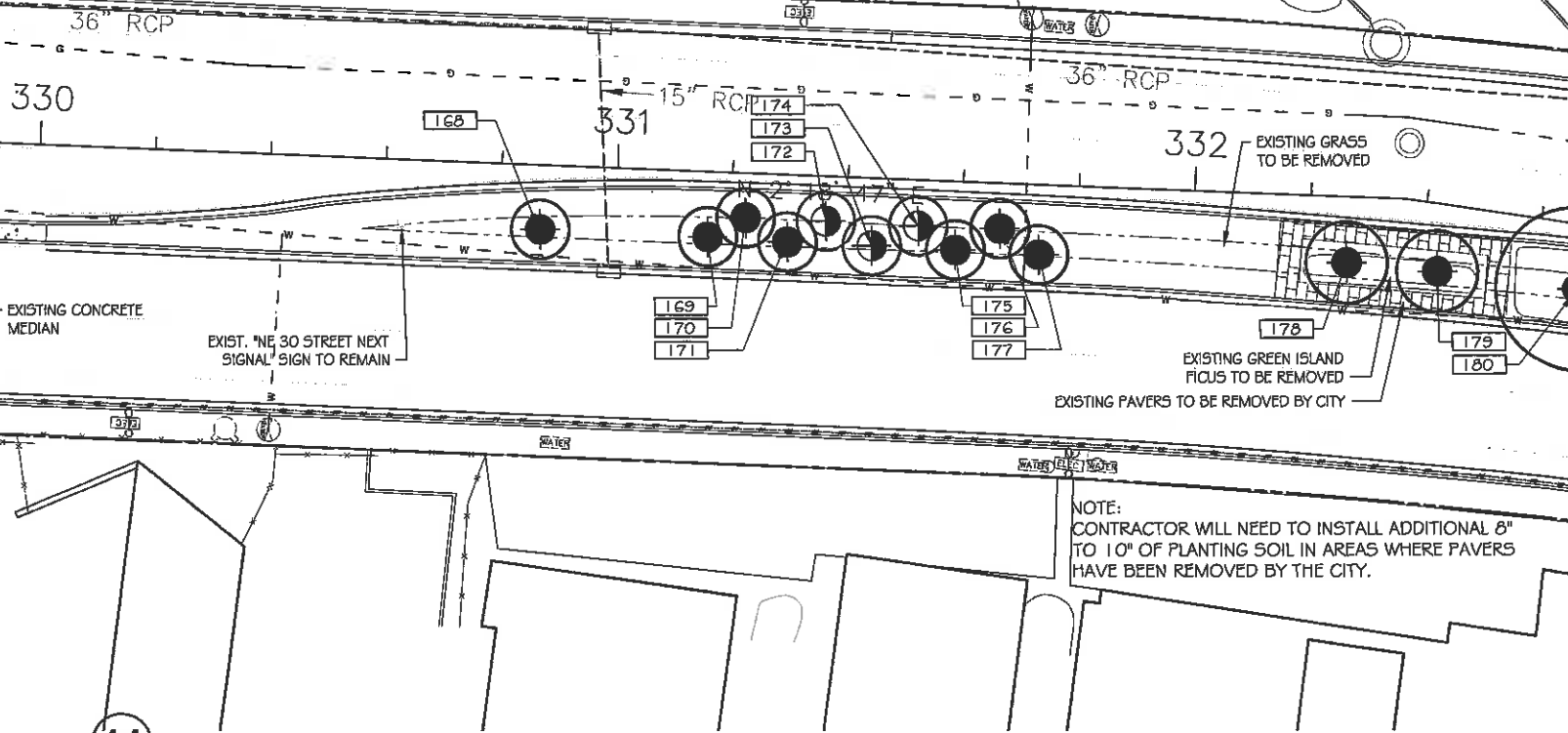
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A1A	BROWARD	435710-1-78-01

DISPOSITION PLAN *14-15*

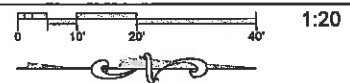
JANUARY 12, 2015

MATCH LINE - SEE SHEET 18 FOR CONTINUATION

MATCH LINE - SEE SHEET 19 FOR CONTINUATION



14 DISPOSITION PLAN



Min P.C.
LA 1121

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE NO. 11181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		DISPOSITION PLAN	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
07/17/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	
09/23/14	Revised per EBC comments						
11/5/14	Second Revised per EBC comments						



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 400, Fort Lauderdale, Florida 33316
Phone 954.681.7781 • Fax 954.681.8807
Certificate of Registration: LC200008338
VENDOR I.D. NO. 63-001-3889

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

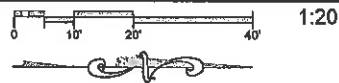
DISPOSITION PLAN

1-12-15
SHEET NO. 19

MATCH LINE - SEE SHEET 19 FOR CONTINUATION

MATCH LINE - SEE SHEET 21 FOR CONTINUATION

15 DISPOSITION PLAN



Min P. C.
LA 11/81

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/8/14	Second Revised per ERC comments		

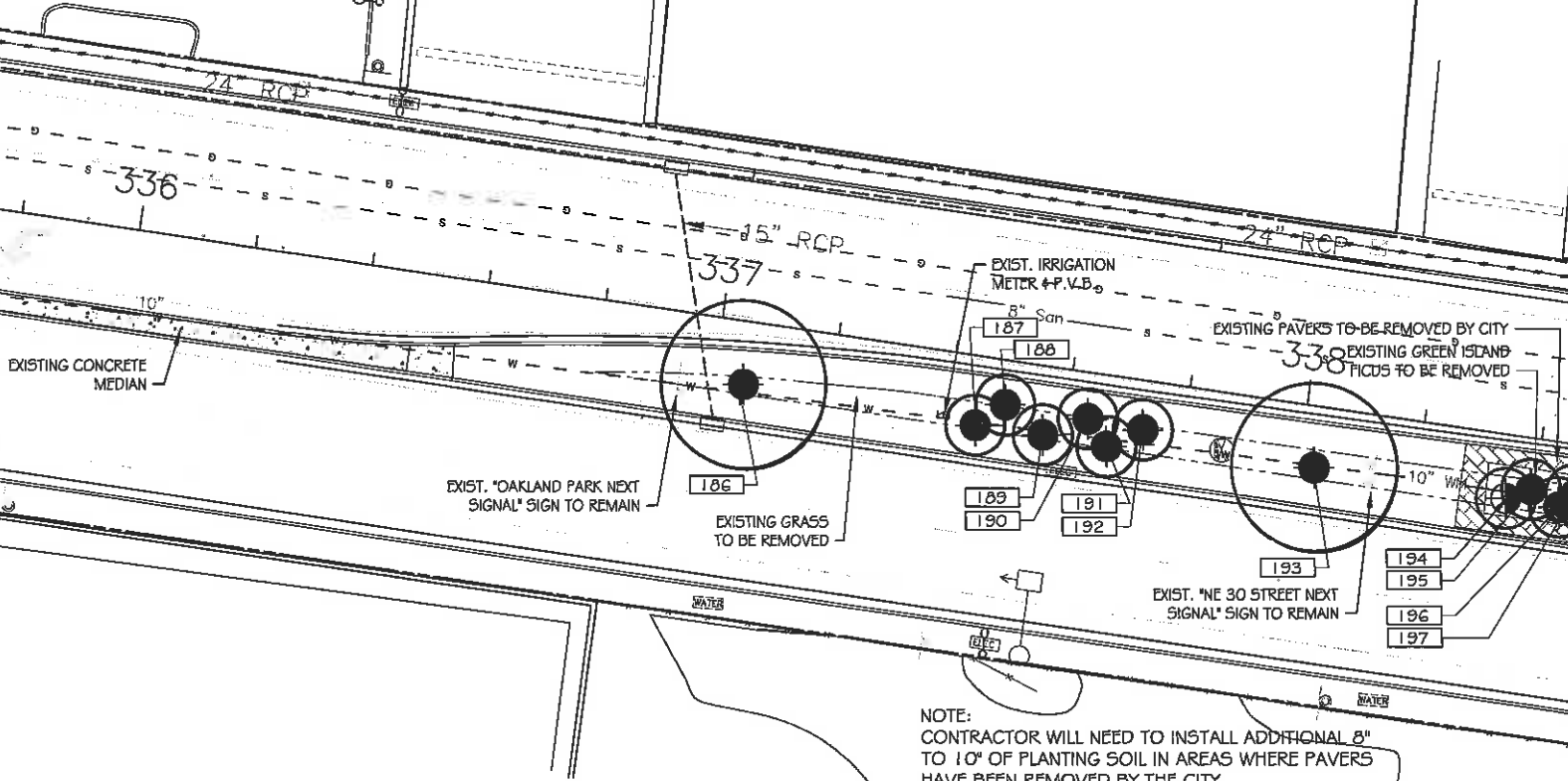
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Eller Drive, Suite 400, Fort Lauderdale, Florida 33316 Phone: 954.521.2781 • Fax: 954.521.8827 Certificate of Authorization: LC00000239 FDOT/DOH I.D. NO. 68-001-3369		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 435710-1-78-01	
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DISPOSITION PLAN <i>FA-15</i>		SHEET NO. 20
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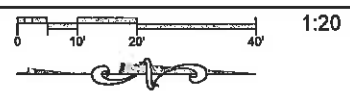
MATCH LINE - SEE SHEET 20 FOR CONTINUATION

MATCH LINE - SEE SHEET 22 FOR CONTINUATION



16 DISPOSITION PLAN

NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8"
TO 10" OF PLANTING SOIL IN AREAS WHERE PAVERS
HAVE BEEN REMOVED BY THE CITY.



Min P.C.
1/11/15

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORREY, ILLA, LICENSE NO. 11181

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 West Dixie, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.521.7781 • Fax: 954.521.6207
City of Fort Lauderdale, License No. 11181
VENDOR ID: NO. 65-601-3483

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

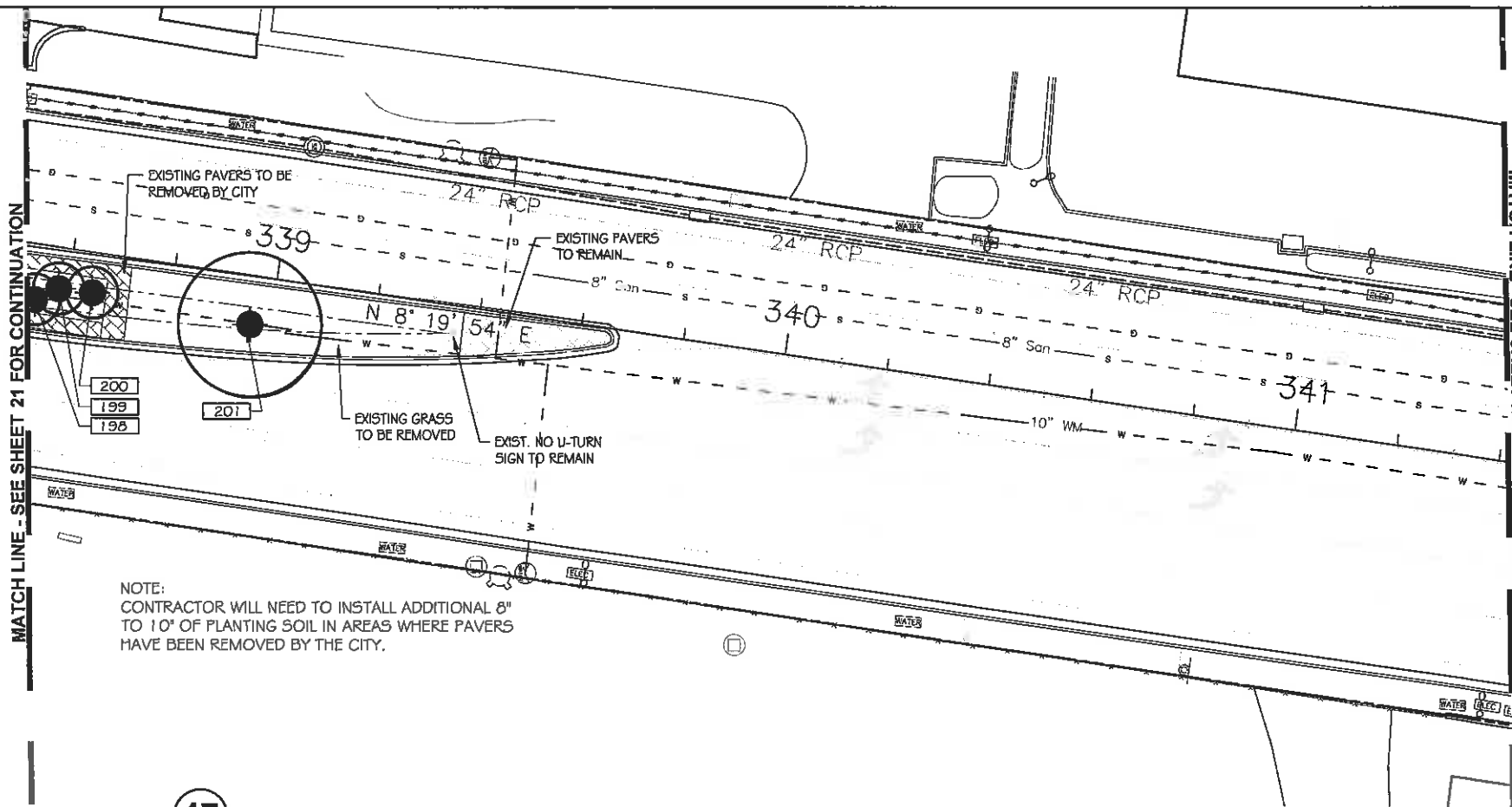
DISPOSITION PLAN 1-14-15

SHEET NO.
21

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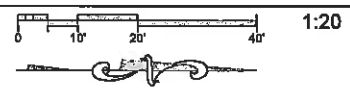
MATCH LINE - SEE SHEET 21 FOR CONTINUATION

MATCH LINE - SEE SHEET 23 FOR CONTINUATION



NOTE:
CONTRACTOR WILL NEED TO INSTALL ADDITIONAL 8"
TO 10" OF PLANTING SOIL IN AREAS WHERE PAVERS
HAVE BEEN REMOVED BY THE CITY.

17 DISPOSITION PLAN



Handwritten signature and date:
1-14-15

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE NO. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		DISPOSITION PLAN 1-14-15	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
8/7/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	
9/23/14	Revised per ERC comments						
11/5/14	Second Revised per ERC comments						



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EXCEPTIONAL SOLUTIONS
1800 River Chime, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.501.3781 • Fax: 954.501.6307
Certificate of Accreditation: LC00000638
VENDOR ID: NO. 65-001-3683

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
ROAD NO.	FINANCIAL PROJECT ID
A1A	435710-1-78-01

DISPOSITION PLAN

SHEET NO. 22

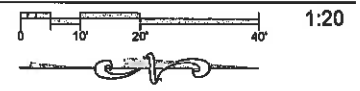
MATCH LINE - SEE SHEET 22 FOR CONTINUATION

18 DISPOSITION PLAN

NO IMPROVEMENTS
ON THIS SHEET

SIGNALIZED INTERSECTION
OPERATES 24 HOURS
7 DAYS A WEEK

OAKLAND PARK BLVD
(S.R. 816)

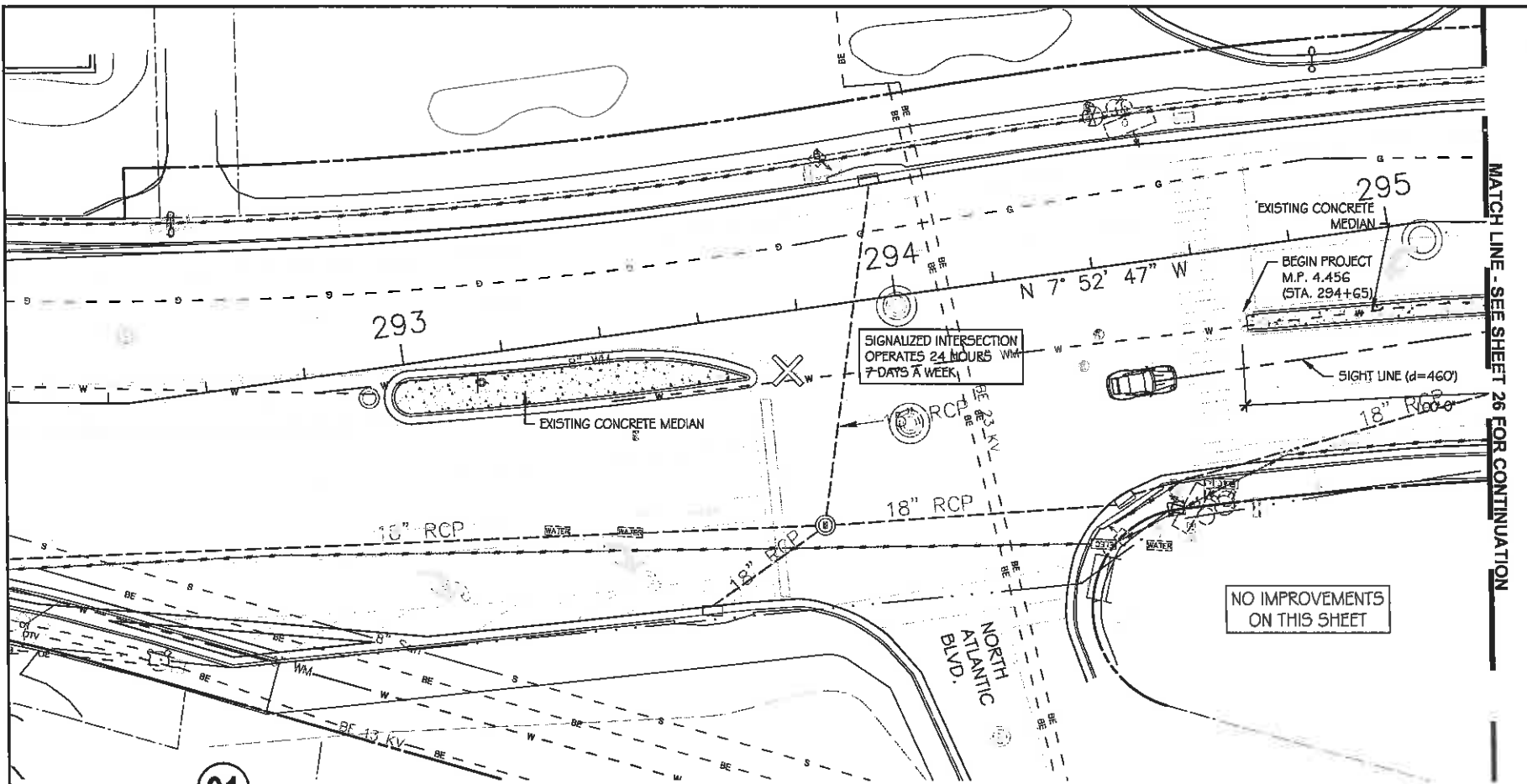


REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE No. 1191 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone 954.551.2791 • Fax 954.551.1807 Certificate of Authorization LC2009000210 VMEPC001163, REG. 05-001-5889		ROAD NO. A1A	COUNTY BROWARD
		FINANCIAL PROJECT ID 435710-1-78-01	

DISPOSITION PLAN 1-14-15		SHEET NO. 23
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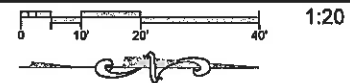
Min P. L.
1-14-15
JANUARY 12, 2015



01 LANDSCAPE PLAN

NO IMPROVEMENTS
ON THIS SHEET

MATCH LINE - SEE SHEET 26 FOR CONTINUATION



REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments				
09/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

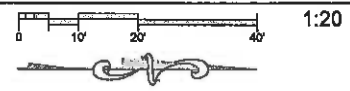
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE #61151		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		LANDSCAPE PLAN 1-1A15	
 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Silver Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone 954.354.7788 • Fax 954.354.7789 Certificate of Authorization LC00000339 VENDOR ID: 160, 55-491-1380		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
USER: opereda		A1A	BROWARD	4357110-1-78-01	25

NOVEMBER 5, 2014

MATCH LINE - SEE SHEET 25 FOR CONTINUATION

MATCH LINE - SEE SHEET 27 FOR CONTINUATION

02 LANDSCAPE PLAN



REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments				
09/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE #61181

GA Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.333.7781 • Fax: 954.333.1337
Certificate of Registration: LC200500239
VENDOR LIA. NO. 13-081-3889

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

LANDSCAPE PLAN 1-1A-15

SHEET NO.
26

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EXHIBIT 1
CAM 14-1512
PAGE 31 of 76

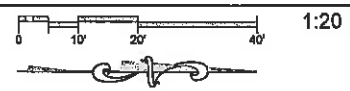
NOVEMBER 5, 2014

Min D.C.
11/18/14

MATCH LINE - SEE SHEET 26 FOR CONTINUATION

MATCH LINE - SEE SHEET 28 FOR CONTINUATION

03 LANDSCAPE PLAN



REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
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09/23/14	Revised per ERC comments		
11/05/14	Second Revised per ERC comments		
01/12/15	Revised per Final Agreement		

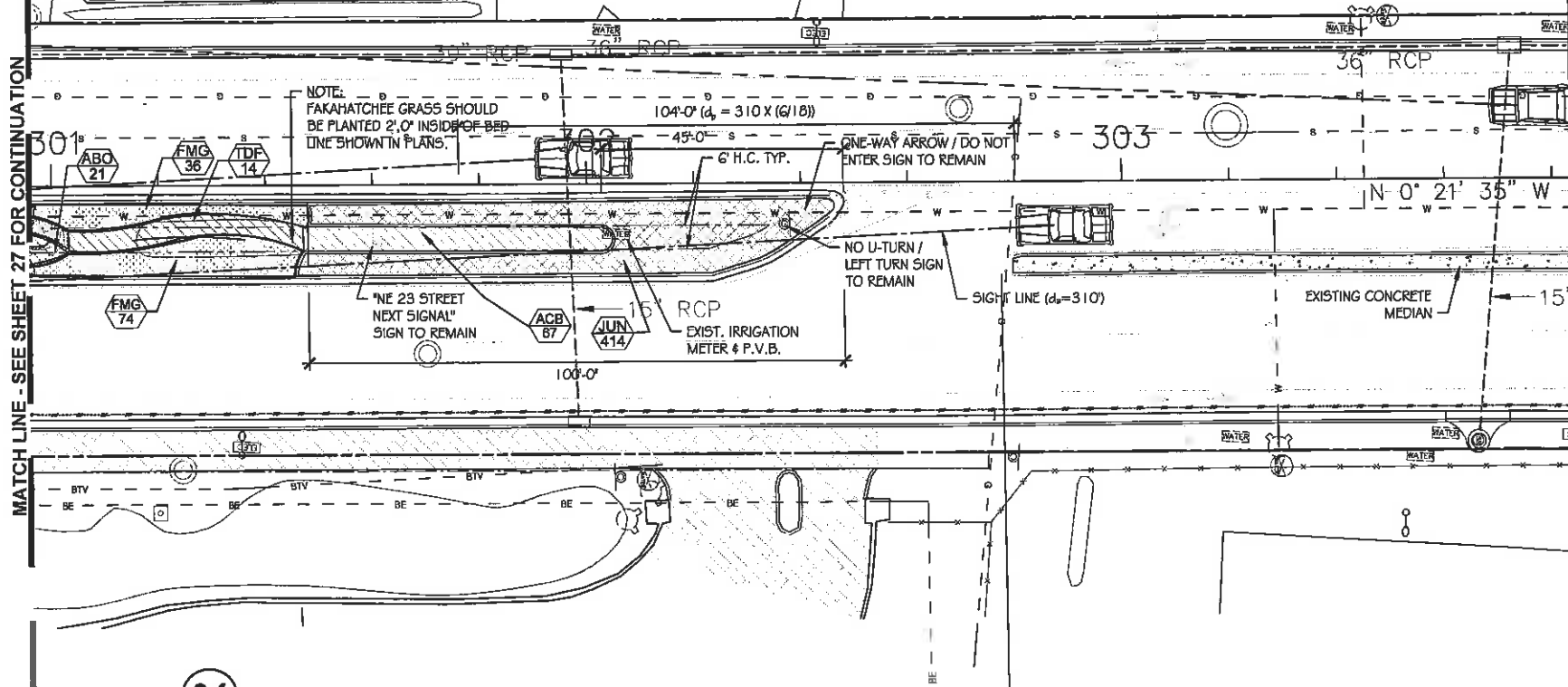
LANDSCAPE ARCHITECT OF RECORD: MICHEL COMBER, R.L.A., LICENSE NO. 1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. Olive Drive, Suite 100, Fort Lauderdale, Florida 33316 Phone 954.591.2784 • Fax 954.591.1437 Certificate of Authorization LC00000039 VENDOR ID: NO. 65-201-2489		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 435710-1-78-01	
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JANUARY 12, 2015

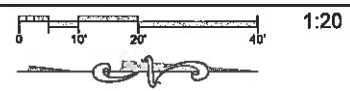
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MATCH LINE - SEE SHEET 27 FOR CONTINUATION

MATCH LINE - SEE SHEET 29 FOR CONTINUATION



04 LANDSCAPE PLAN



Min P.R.
1/11/15

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	
07/11/14	Revised per FDOT comments			A1A	BROWARD	28
09/23/14	Revised per ERC comments					
11/05/14	Second Revised per ERC comments					
01/12/15	Revised per Final Agreement					



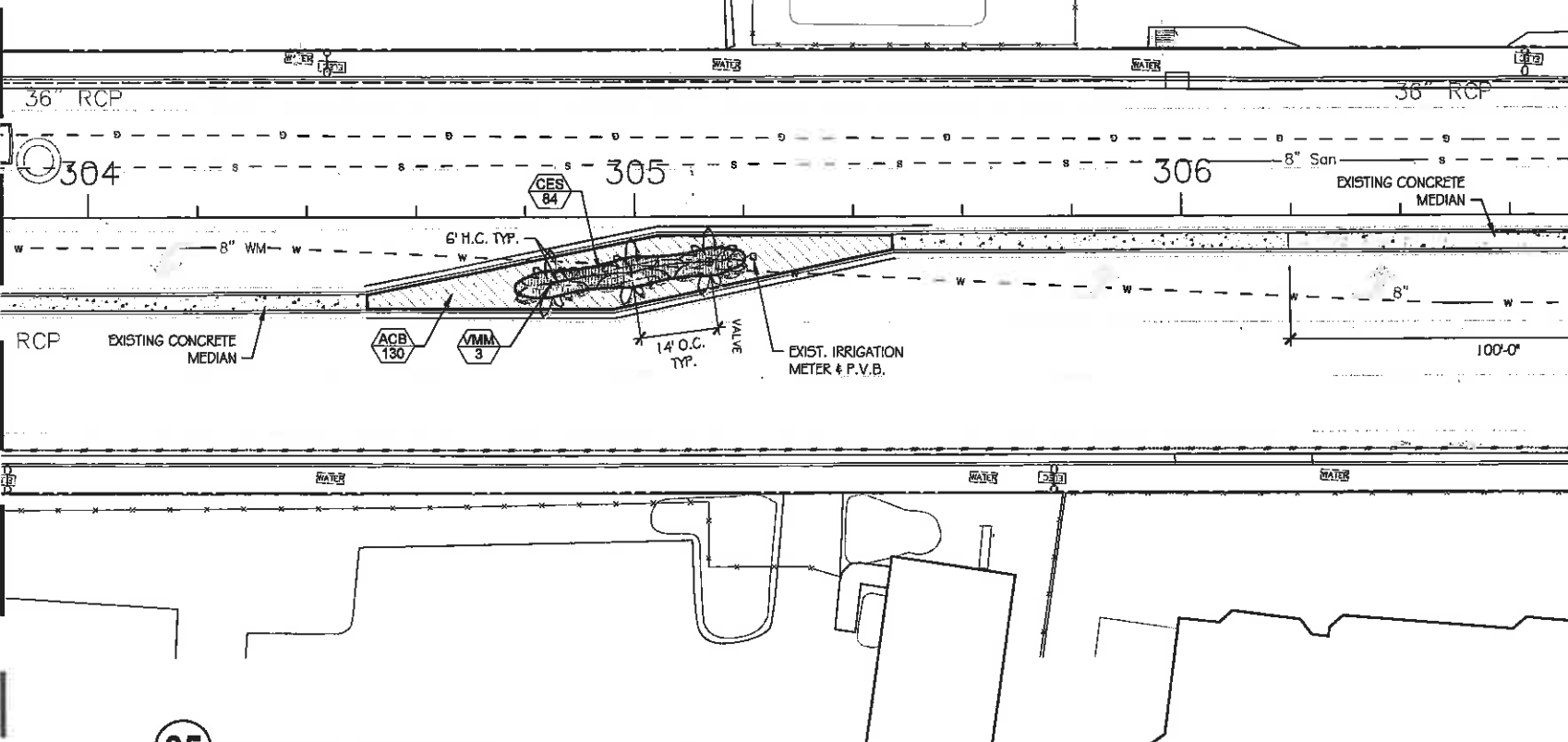
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1820 E. Okech, Suite 100, Fort Lauderdale, Florida 33316
Phone 954.521.7798 • Fax 954.521.8307
Cell 954.521.7798 • Email: info@calvin-giordano.com
VENDOR ID: 100-000-0000

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

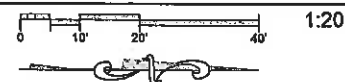
LANDSCAPE PLAN 1/14/15

MATCH LINE - SEE SHEET 28 FOR CONTINUATION

MATCH LINE - SEE SHEET 30 FOR CONTINUATION



05 LANDSCAPE PLAN



Handwritten signature and date: 11/18/15

NOVEMBER 5, 2014

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE No. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
07/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	29
09/23/14	Revised per ERC comments						
11/5/14	Second Revised per ERC comments						



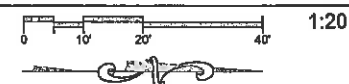
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1400 Star Line, Suite 600, Fort Lauderdale, Florida 33316
 Phone: 954.551.2781 • Fax: 954.621.8807
 Certificate of Authorization: LC0000000338
 VENDOR ID: NO. 85-401-3808

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MATCH LINE - SEE SHEET 29 FOR CONTINUATION

MATCH LINE - SEE SHEET 31 FOR CONTINUATION

06 LANDSCAPE PLAN



Handwritten signature and date: 11/11/2014

NOVEMBER 5, 2014

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, R.L.A., LICENSE NO. 1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. Okeechobee, Suite 100, Ft. Lauderdale, Florida 33316 Phone 954.821.7788 • Fax 954.821.6187 Our Website at: www.cga-inc.com L2000000338 VENDOR LG, NO. 95-001-3889		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 435710-1-78-01	
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LANDSCAPE PLAN 1-14-15		SHEET NO. 30
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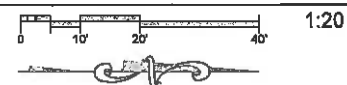
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MATCH LINE - SEE SHEET 32 FOR CONTINUATION

07

LANDSCAPE PLAN



Handwritten signature and date: 11/12/15

NOVEMBER 5, 2014

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, P.L.L.C. LICENSE No. 1151		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
9/23/14	Revised per ERC comments			A1A	BROWARD	435710-1-78-01	31
11/5/14	Second Revised per ERC comments						



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
 1800 Eller Circle, Suite 600, Fort Lauderdale, Florida 33316
 Phone (954) 331-7781 • Fax (954) 331-6307
 Certificate of Professional License L2000000339
 VENDOR I.D. NO. 58-051-3880

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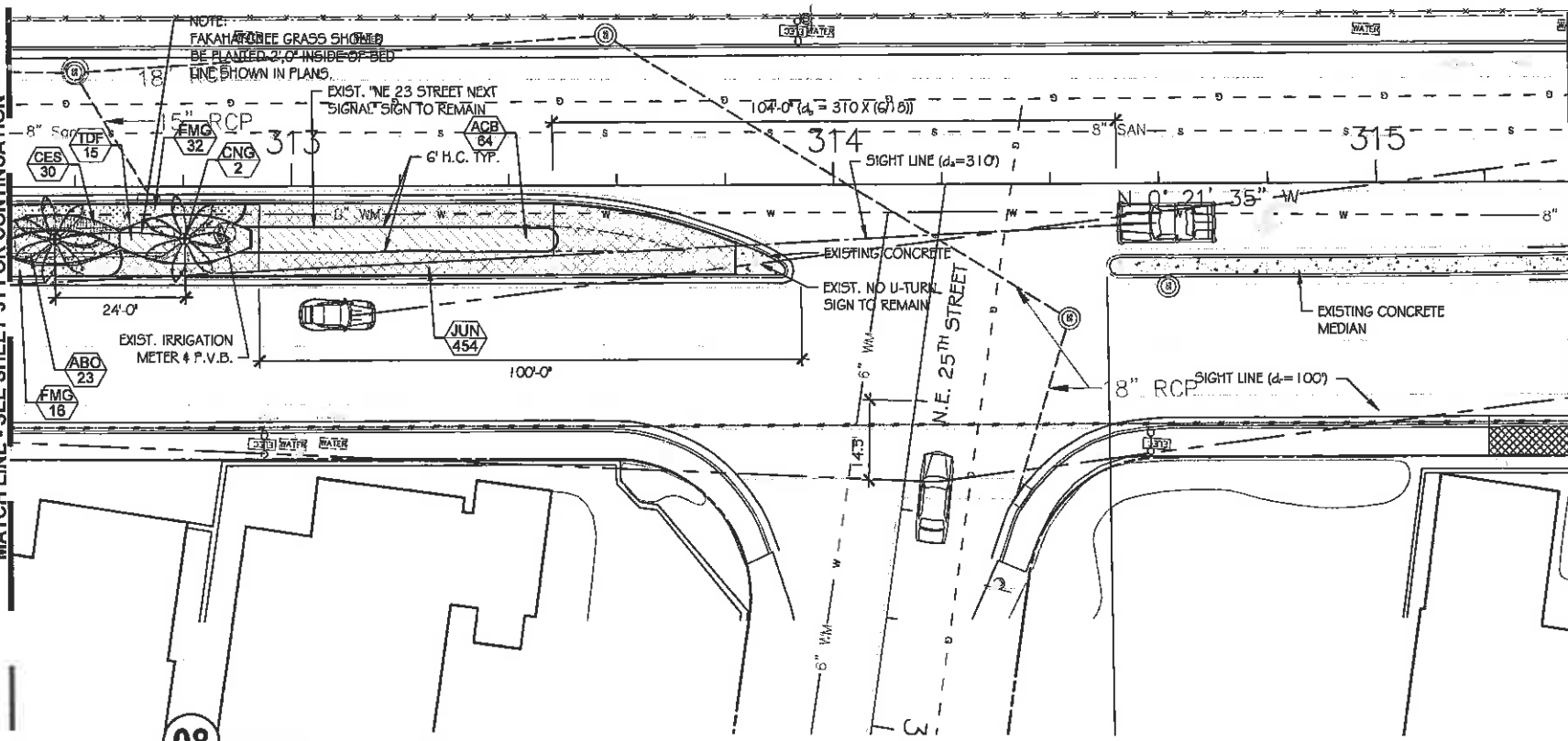
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SHEET NO.

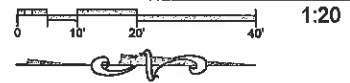
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MATCH LINE - SEE SHEET 31 FOR CONTINUATION

MATCH LINE - SEE SHEET 33 FOR CONTINUATION



08 LANDSCAPE PLAN



Handwritten signature and date:
 11/11/14

NOVEMBER 5, 2014

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

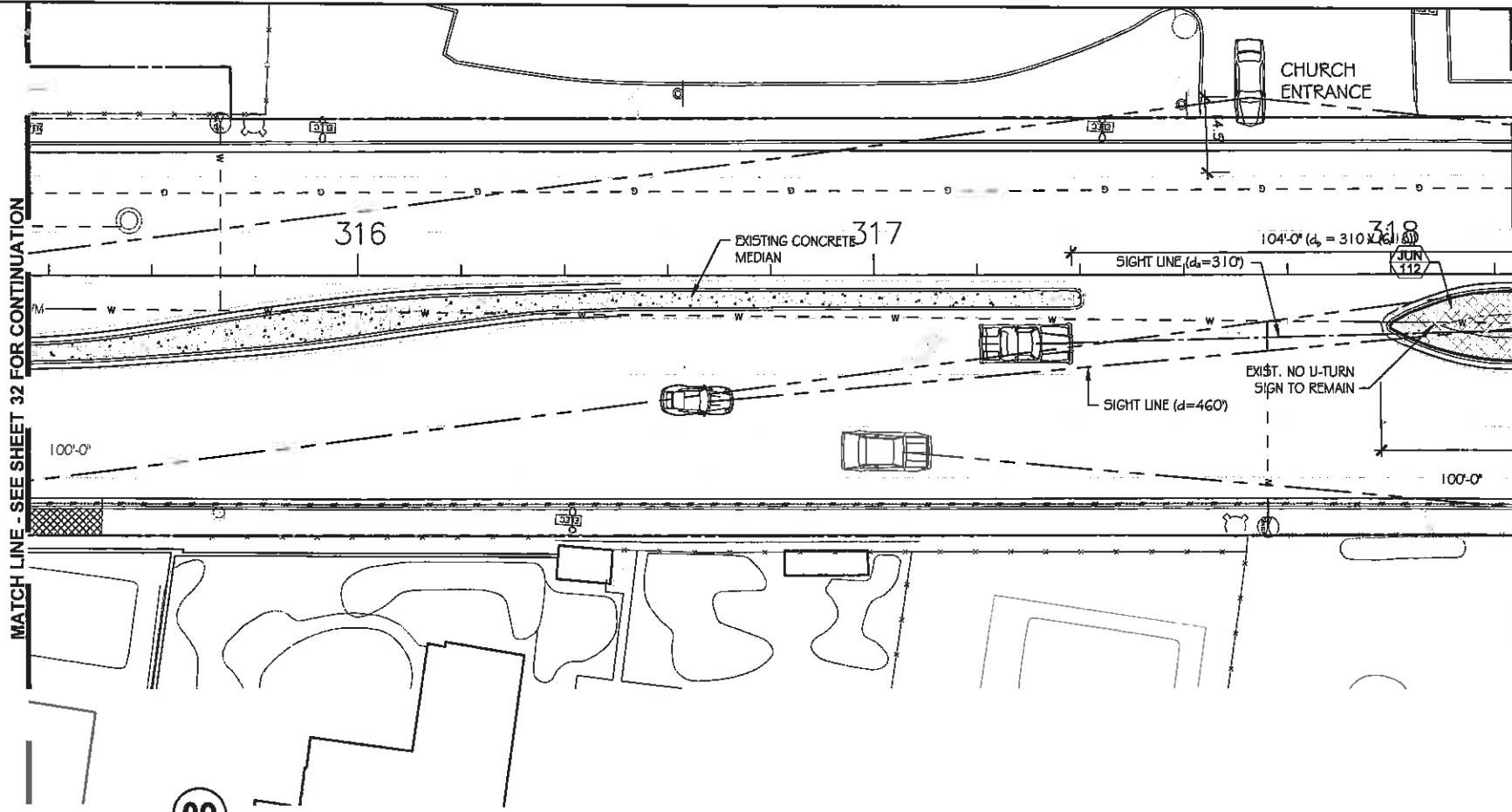
FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		LANDSCAPE PLAN		SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
A1A	BROWARD	435710-1-78-01		32

LANDSCAPE ARCHITECT OF RECORD: MICHAEL COMBER, R.L.A., LICENSE NO. 1181
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Eller Drive, Suite 400, Fort Lauderdale, Florida 33316
 Phone: 954.833.2783 • Fax: 954.831.1807
 Cell: 954.831.1807 • Email: info@calvin-giordano.com
 VENDOR L.S. NO. 68-001-2459

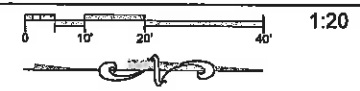
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MATCH LINE - SEE SHEET 32 FOR CONTINUATION

MATCH LINE - SEE SHEET 34 FOR CONTINUATION



09 LANDSCAPE PLAN



Miss D/L
11/18/14

NOVEMBER 5, 2014

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
8/25/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE #1181
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1400 Star Drive, Suite 400, Fort Lauderdale, Florida 33316
 Phone: 954.521.7791 • Fax: 954.521.8897
 Certificate of Professionalization LC 900900338
 VENDOR I.D. NO. 05-081-3368

**FT. LAUDERDALE HIGHWAY
 BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

LANDSCAPE PLAN 1-14-15

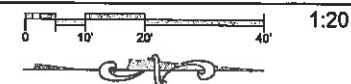
SHEET NO.
33

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MATCH LINE - SEE SHEET 33 FOR CONTINUATION

MATCH LINE - SEE SHEET 35 FOR CONTINUATION

10 LANDSCAPE PLAN



Handwritten signature and date: 11/18/14

NOVEMBER 5, 2014

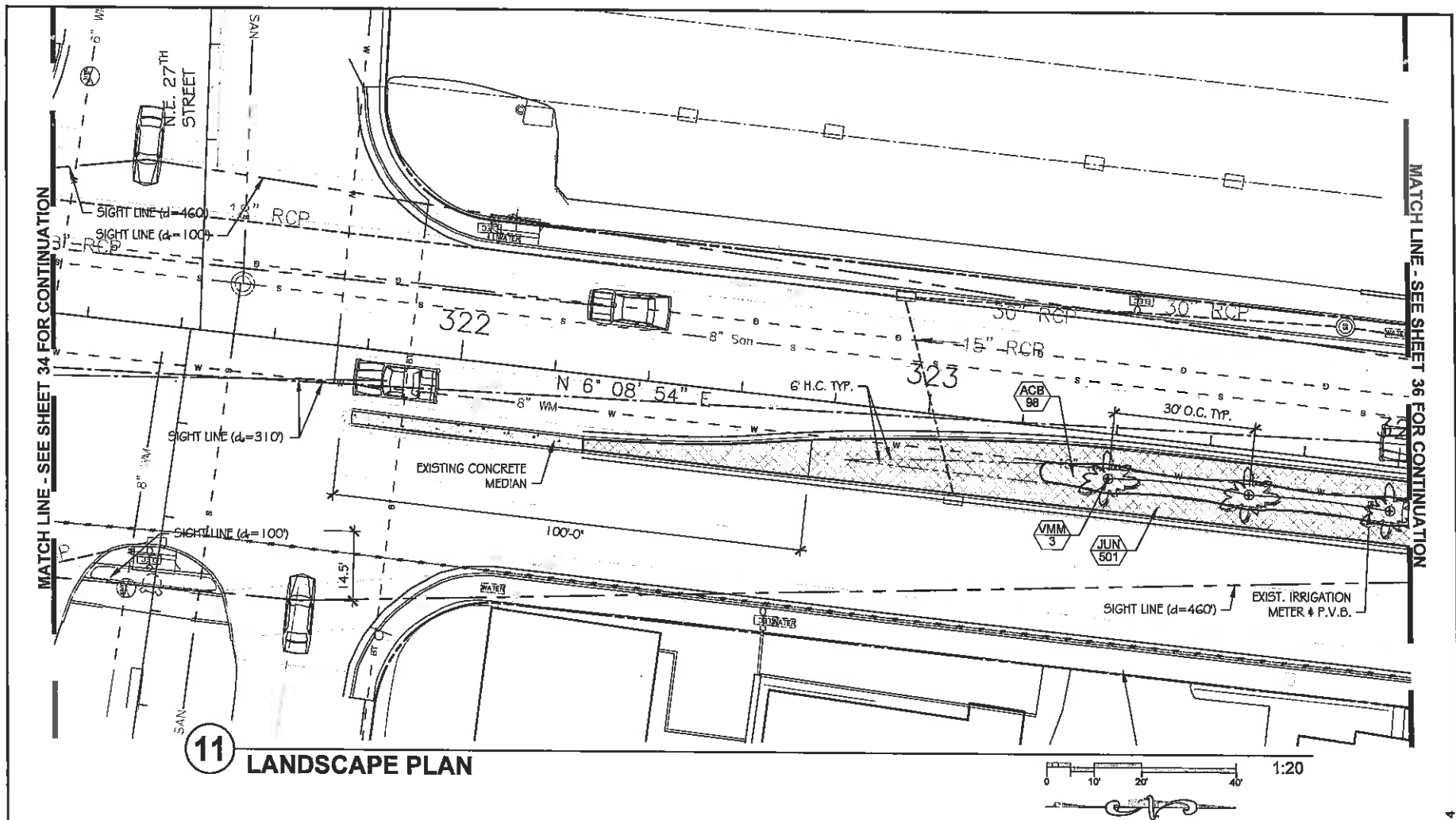
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
07/11/14	Revised per FDOT comments			A1A	BROWARD	435710-1-78-01	34
09/23/14	Revised per ERC comments						
11/2/14	Second Revised per ERC comments						

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, R.L.A. (LICENSE NO. 1181)

GA Calvin, Glondano & Associates, Inc. EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 400, Fort Lauderdale, Florida 33316
 Phone 954.621.7781 • Fax 954.621.8807
 Certificate of Accreditation L2008000336
 VENDOR ID: 102, 95-809-3693

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REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments				
09/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE No. 1191 Calvin, Glondano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Silver Creek, Suite 400, Fort Lauderdale, Florida 33316 Phone 954.821.7781 • Fax 954.921.8827 Certificate of Authorization LC00000938 VPM000110, INC. 954-921-3368		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
A1A	BROWARD	435710-1-78-01	

LANDSCAPE PLAN <i>F-14-15</i>		SHEET NO. 35
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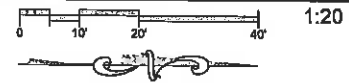
NOVEMBER 5, 2014

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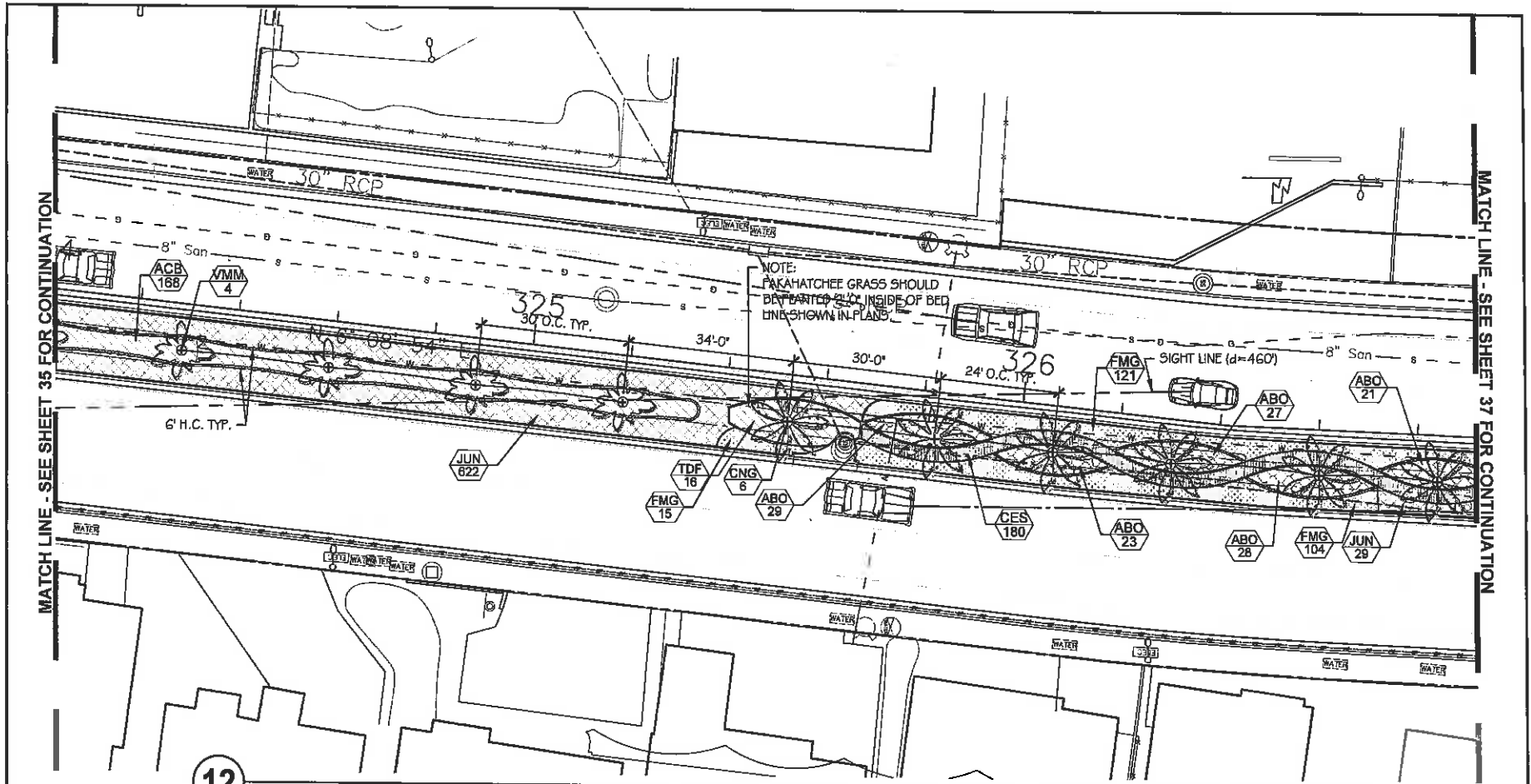
MATCH LINE - SEE SHEET 35 FOR CONTINUATION

MATCH LINE - SEE SHEET 37 FOR CONTINUATION

12 LANDSCAPE PLAN



NOTE:
PAKAHATCHEE GRASS SHOULD
BE PLANTED 6" INSIDE OF BED
LINE SHOWN IN PLANS.



DATE	DESCRIPTION	REVISIONS	
		DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
1/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A. LICENSE #161181

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 500, Fort Lauderdale, FL 33316
Phone: 954.534.7781 • Fax: 954.531.6307
Certificate of Authorization: LC180000339
VENDOR ID: NYS-05-051-3389

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

LANDSCAPE PLAN

1-14-15

SHEET
NO. 36

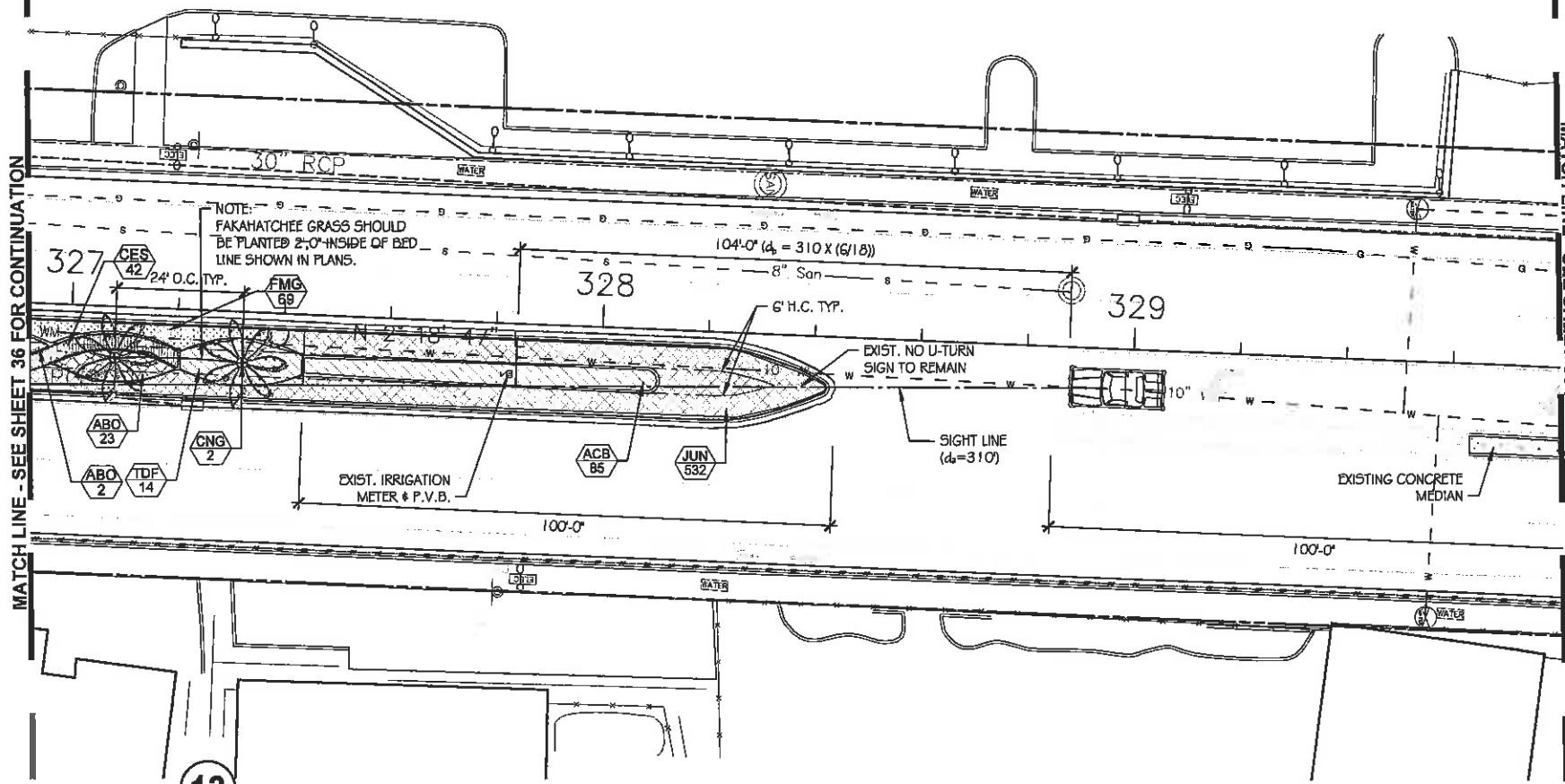
NOVEMBER 5, 2014

Michael P. L.
LALP

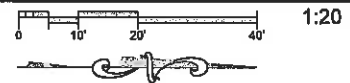
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MATCH LINE - SEE SHEET 36 FOR CONTINUATION

MATCH LINE - SEE SHEET 38 FOR CONTINUATION



13 LANDSCAPE PLAN



Mim P.C.
11/19/14

NOVEMBER 5, 2014

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

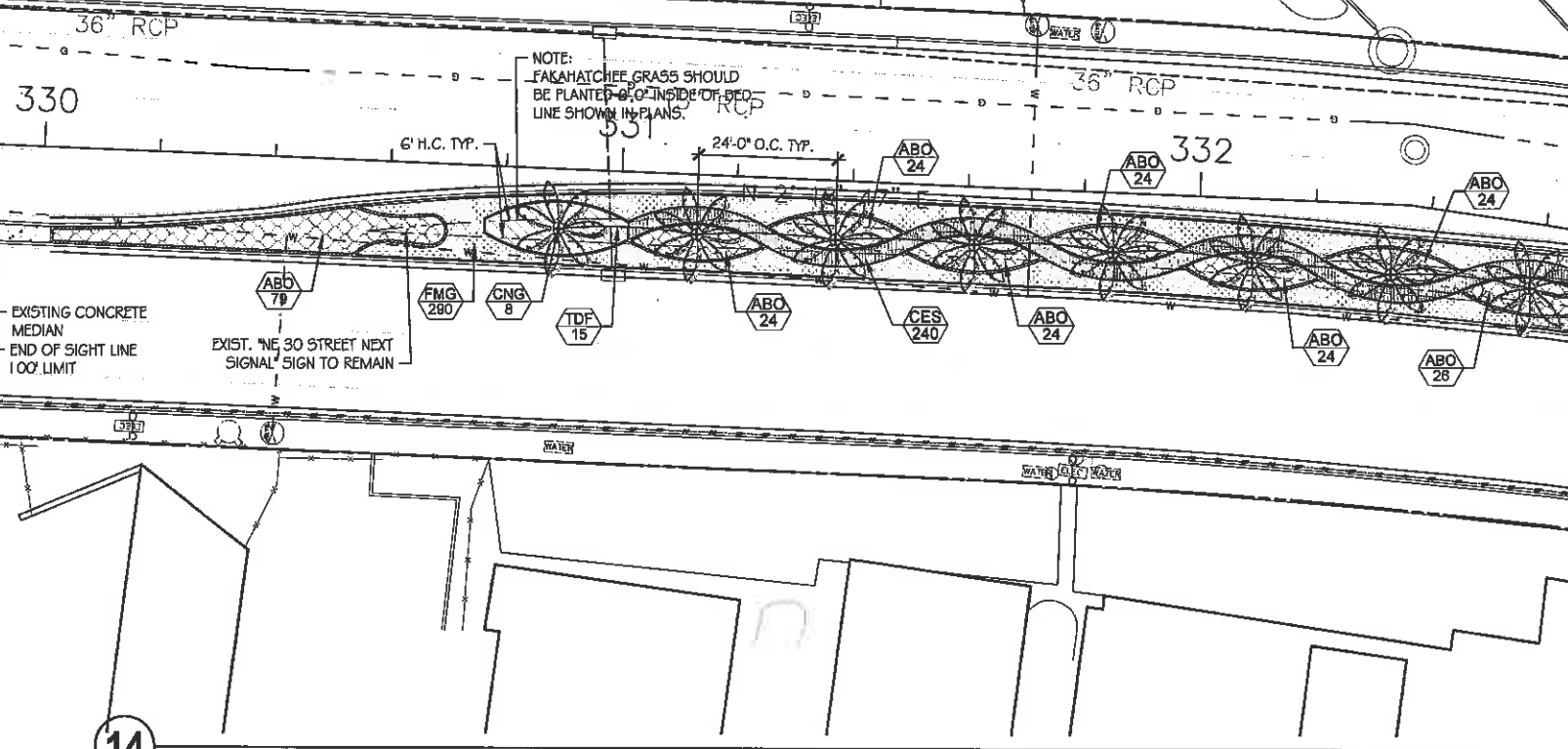
FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		LANDSCAPE PLAN 1-14-15	SHEET NO. 37
ROAD NO.	COUNTY		
A1A	BROWARD	FINANCIAL PROJECT ID	
		435710-1-78-01	

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1181
Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1870 Silver Creek, Suite 100, Fort Lauderdale, Florida 33316
 Phone: 954.831.7781 • Fax: 954.831.2207
 Certificate of Authorization L2008000339
 VENDOR L20, INC. 954.807.3388

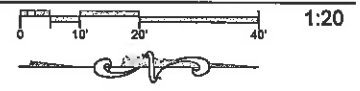
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MATCH LINE - SEE SHEET 37 FOR CONTINUATION

MATCH LINE - SEE SHEET 39 FOR CONTINUATION



14 LANDSCAPE PLAN



min PL
11/12/14

NOVEMBER 5, 2014

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

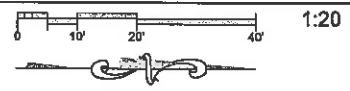
		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORREIA, R.L.A., LICENSE No. 1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Silver Chime, Suite 600, Fort Lauderdale, Florida 33316 Phone 954.551.7781 • Fax 954.551.6307 Certificate of Authorization LC90080319 VENUDON LLC, INC. 03-001-2889	ROAD NO. A1A	COUNTY BROWARD	FINANCIAL PROJECT ID 435710-1-78-01
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LANDSCAPE PLAN 1-14-15		SHEET NO. 38
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MATCH LINE - SEE SHEET 38 FOR CONTINUATION

MATCH LINE - SEE SHEET 40 FOR CONTINUATION

15 LANDSCAPE PLAN



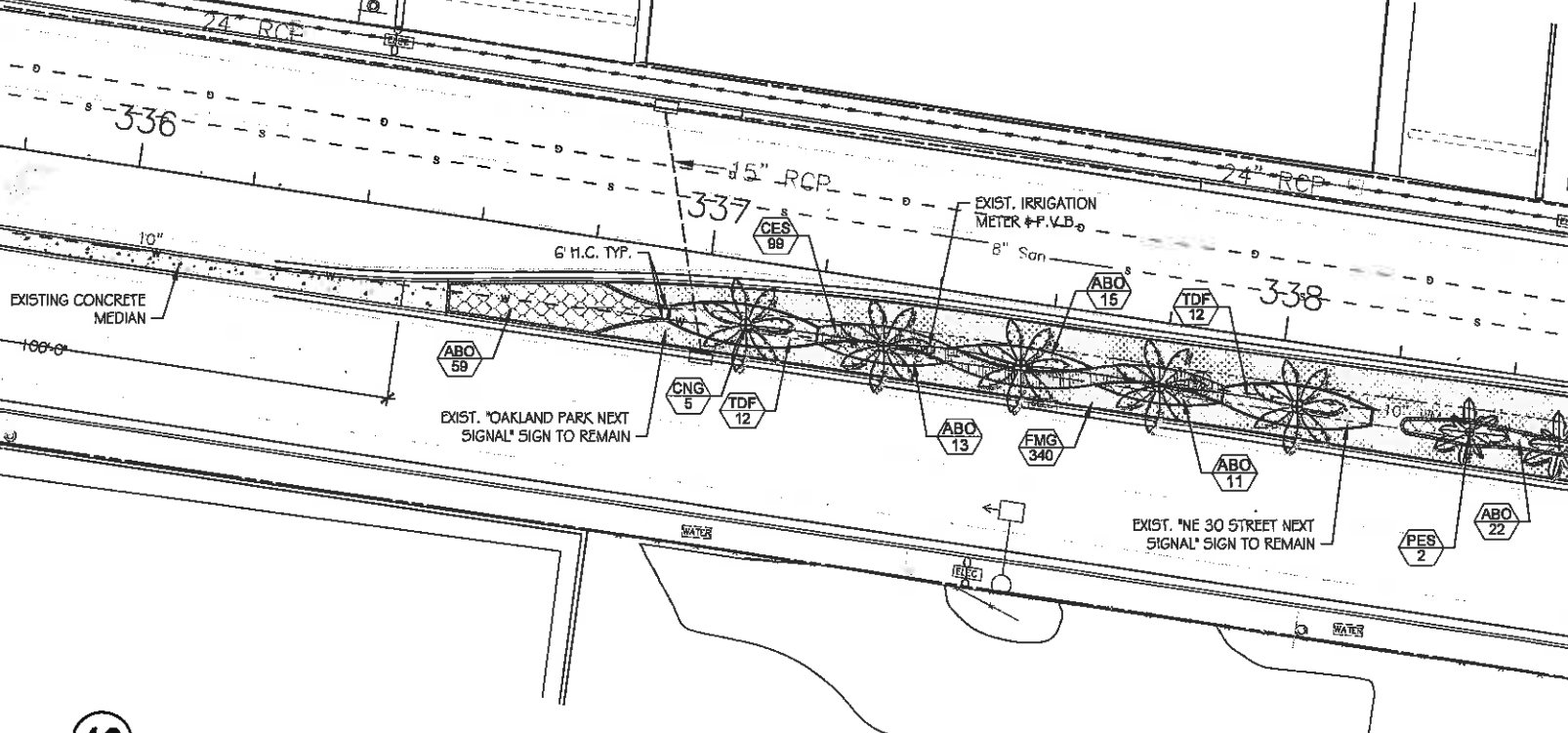
REVISIONS		REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHEL COMBER, P.L.A. LICENSE 161181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		LANDSCAPE PLAN 1-14-15		SHEET NO.		
DATE	DESCRIPTION	DATE	DESCRIPTION		Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. 1st Ave., Suite 100, Fort Lauderdale, Florida 33315 Phone 954.521.7781 • Fax 954.521.1807 Certificate of Authorization LC200000238 VENDOR L.B. NO. 05-001-3088	ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
07/11/14	Revised per PBO comments					A1A	BROWARD	435710-1-78-01				
8/23/14	Revised per ERC comments											
11/5/14	Second Revised per ERC comments											
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NOVEMBER 5, 2014

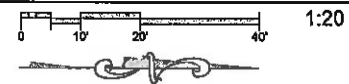
EXHIBIT 1
CAM 14-1512
PAGE 44 of 76

MATCH LINE - SEE SHEET 39 FOR CONTINUATION

MATCH LINE - SEE SHEET 41 FOR CONTINUATION



16 LANDSCAPE PLAN



Mini P/L
LX 1187

NOVEMBER 5, 2014

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.681.7784 • Fax: 954.921.6307
Certificate of Accreditation: LCC00009339
VENDOR ID: NO. 85-001-3883

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

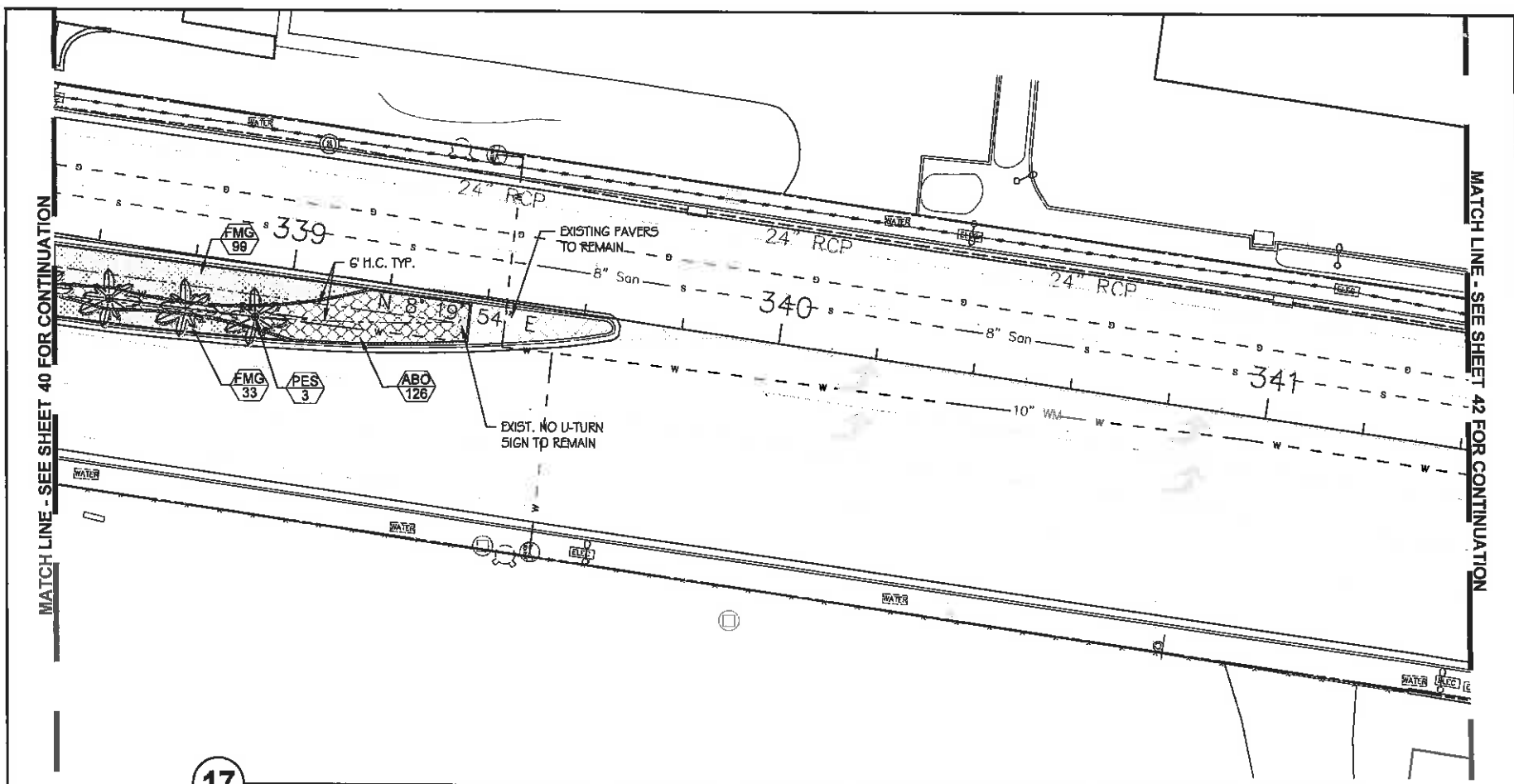
LANDSCAPE PLAN 1-14-15

SHEET NO.
40

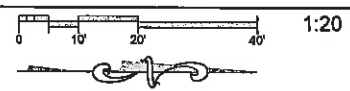
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MATCH LINE - SEE SHEET 40 FOR CONTINUATION

MATCH LINE - SEE SHEET 42 FOR CONTINUATION



17 LANDSCAPE PLAN



Handwritten signature
12/18/14

NOVEMBER 5, 2014

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: BROWARD COUNTY, FLA. LICENSE NO. 1181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 E. Glades Ave., Suite 100, Fort Lauderdale, Florida 33316 Phone: 954.521.7781 • Fax: 954.521.1807 City/State of Authorization: FL/CA00046309 VENDOR: L.A. 100, 95-001-3333		ROAD NO.	COUNTY
		A1A	BROWARD
		FINANCIAL PROJECT ID	
		435710-1-78-01	

LANDSCAPE PLAN 1-14-15		SHEET NO.
		41

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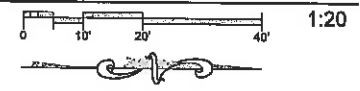
MATCH LINE - SEE SHEET 36 FOR CONTINUATION

18 LANDSCAPE PLAN

NO IMPROVEMENTS
ON THIS SHEET

SIGNALIZED INTERSECTION
OPERATES 24 HOURS
7 DAYS A WEEK

OAKLAND PARK BLVD.
(S.R. 816)



Handwritten signature and date: 11/18/14

NOVEMBER 5, 2014

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, P.L.L.C., LICENSE NO. 11191		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
9/23/14	Revised per ERC comments			A1A	BROWARD	435710-1-78-01	42
11/5/14	Second Revised per ERC comments						



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eby Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954-531-7791 • Fax: 954-531-8827
Certificate of Authorization L000000328
VENUEPORT L.L.C. NO. 95-521-3321

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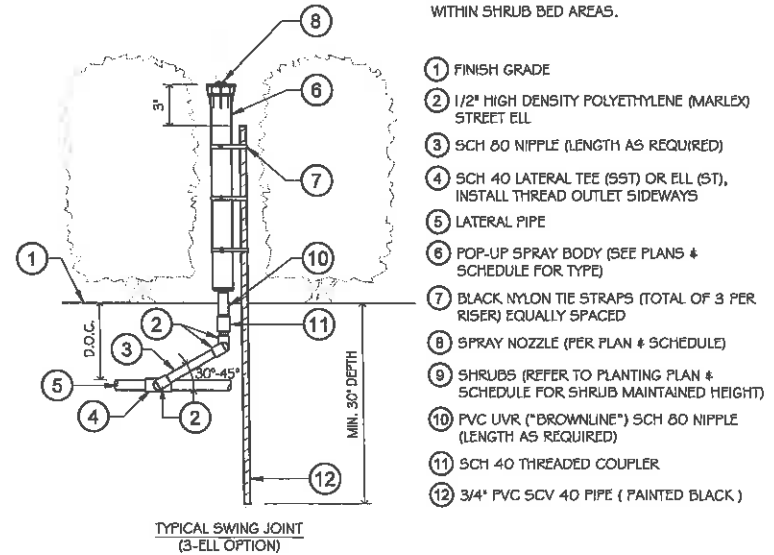
IRRIGATION / WATERING NOTES:

GENERAL:

- CONTRACTOR SHALL VERIFY CONDITION OF THE ENTIRE EXISTING IRRIGATION SYSTEM(S), AND REPAIR ANY BROKEN VALVES, PIPES, OR OTHER EQUIPMENT NECESSARY FOR THE OPERATION AND AUTOMATIC WATERING OF ALL NEW & EXISTING PLANT MATERIAL WITHIN MEDIANS/R.O.W. IN WHICH THE SYSTEM WAS ORIGINALLY DESIGNED TO WATER.
- CONTRACTOR SHALL REPLACE ALL EXISTING HEADS WITH NEW 12" POP-UPS, AS SPECIFIED IN SCHEDULE. CONTRACTOR SHALL USE EXISTING NOZZLES WHERE POSSIBLE, NEW NOZZLES WILL BE REQUIRED FOR LOCATIONS PREVIOUSLY COVERED BY PAVERS. IRRIGATION LATERALS WITHIN EXISTING PAVEMENT AREAS (TO BE REMOVED) WILL REQUIRE RETROFITTING BY THE IRRIGATION CONTRACTOR IN ORDER TO INCORPORATE NEW SPRAY BODIES AND NOZZLES TO FULLY WATER ALL LANDSCAPE AREAS.
- REPAIR OF ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS/HER EXPENSE.
- CONTRACTOR SHALL COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT MARK ALMY 954-820-5869) PRIOR TO THE INSTALLATION OF ANY IRRIGATION EQUIPMENT.
- IRRIGATION PLANS ARE SCHEMATIC IN NATURE, CONTRACTOR SHALL INSTALL ALL PIPE AND SPRAYS WITHIN LANDSCAPE AREAS TO PROVIDE 100% COVERAGE.
- INSTALLATION OF LATERALS AROUND EXISTING TREES SHALL BE DUG BY HAND. EXTREME CARE MUST BE USED TO PREVENT DAMAGE TO THE ROOT SYSTEM OF EXISTING TREES. ROOTS LARGER THAN 2-1/2" SHALL NOT BE CUT, SOIL BENEATH THE ROOT SHALL BE CAREFULLY EXCAVATED IN ORDER TO PASS ANY LATERAL BENEATH THE ROOT. SOIL SHALL BE BACK WASHED INTO THESE AREAS IN ORDER TO AVOID ANY AIR POCKETS FROM FORMING.

- CONTRACTOR SHALL USE PVC SCH 40 OR PVC CLASS 200 PIPE WITH NEW PVC SCH40 FITTINGS. ALL JOINTS/FITTINGS SHALL BE SOLVENT WELD, UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL COORDINATE CLOCK/CONTROLLER SETTINGS WITH THE CITY OF FT. LAUDERDALE PARKS AND REC. DEPARTMENT, AND PROVIDE THEM WITH A WRITTEN SCHEDULE. AS WELL AS PROVIDE THEM WITH AN AS-BUILT DRAWING SHOWING LOCATIONS OF ZONES, LATERALS, VALVES (EXISTING AND NEW CONNECTED TO ANY ZONE REPAIRED OR INSTALLED) AND LABELED IN SUCH A WAY TO BE RECOGNIZED WITH THE WRITTEN SCHEDULE.
- IF IT IS NOT POSSIBLE TO PROVIDE AUTOMATIC IRRIGATION TO ANY OF THE NEW OR RELOCATED PALMS & TREES, CONTRACTOR SHALL PROVIDE A WATERING CONTRACT, UNTIL THE IRRIGATION SYSTEM IS FUNCTIONAL:

CONTRACTOR SHALL USE THESE METHODS FOR INSTALLATION OF SPRAYS OR ROTARY SPRINKLERS WITHIN SHRUB BED AREAS.



IRRIGATION SCHEDULE:

SYMBOL	QUANTITY	MANUFACTURER/MODEL
	258	REPLACE existing spray bodies with new Rain Bird (RD-12-S-P30-F) use existing nozzles when possible.
	26	REPLACE existing spray bodies and nozzle with new Rain Bird (RD-06-S-P30-F) 15 Series MPR - 180° (half circle)
	31	NEW head locations - Rain Bird RD-12-S-P30-F 15 Series MPR - 180° (half circle). Note these new locations will require retrofitting the existing laterals in the area to incorporate these heads without loss of pressure & flow to the existing zones.

NOTE: WHEN REPLACING EXISTING SPRAY BODIES, CONTRACTOR SHALL PROVIDE NEW RAINBIRD SERIES MPR NOZZLES WHEN EXISTING NOZZLES ARE NOT FUNCTIONING PROPERLY.

1 325403.23-03
SHRUB 12" POP-UP ON RISER

N.T.S.

NOVEMBER 5, 2014

REVISIONS		DESCRIPTION		DATE	
07/11/14	Revised per FDOT comments (Added sheet)				
9/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, P.L.L.C., LICENSE NO. 1111		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		IRRIGATION NOTES & SCHEDULE	
Calvin, Giordano & Associates, Inc.		EXCEPTIONAL SOLUTIONS		SHEET NO.	
1800 Bluewing Drive, Suite 200, Fort Lauderdale, Florida 33316		ROAD NO.		FINANCIAL PROJECT ID	
Phone 954-561-7781 • Fax 954-561-0857		A1A		435710-1-78-01	
Certificate of Authorization LC000000338		BROWARD		43	
VENDOR L.D. NO. 05-001-3488					

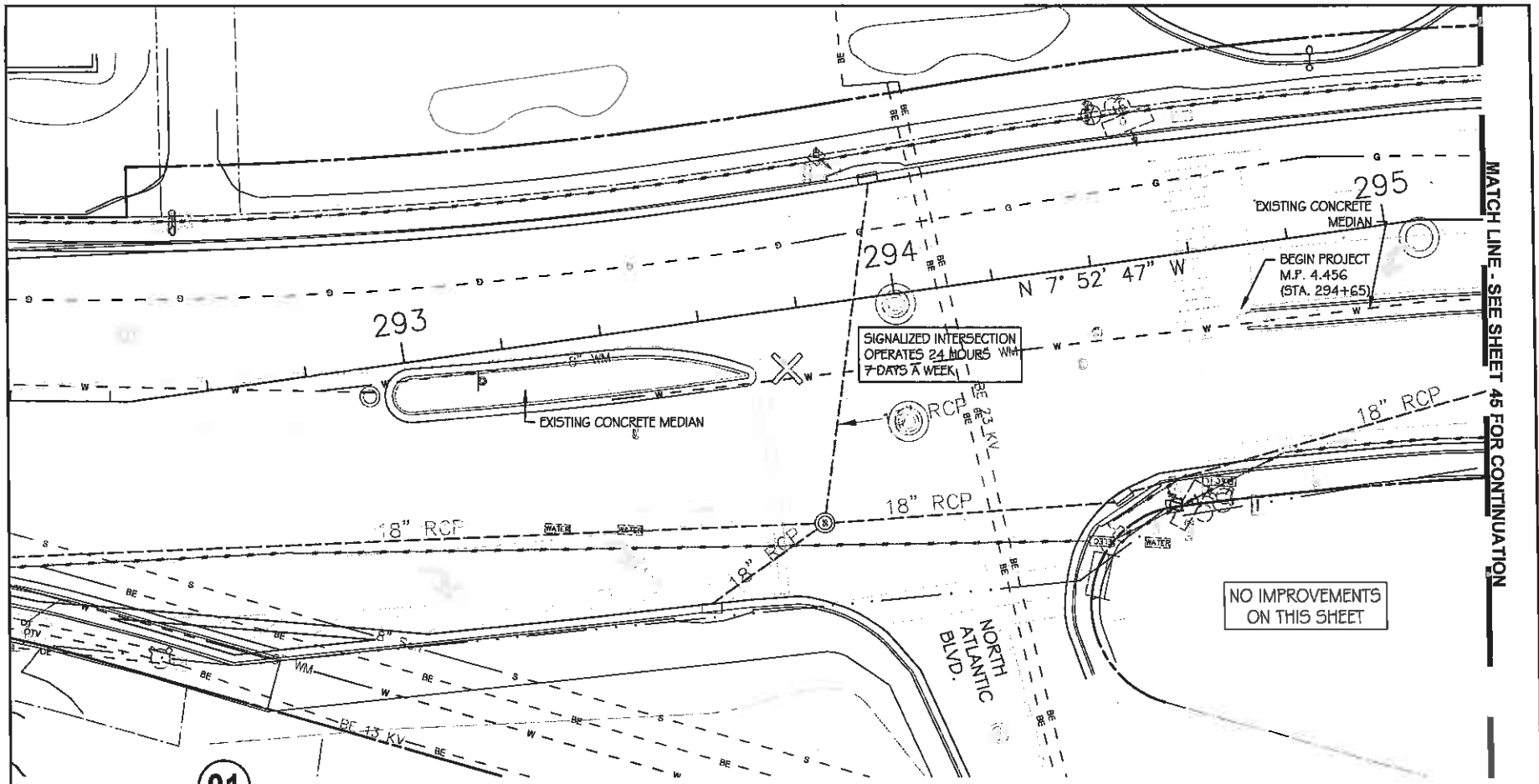
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Min P.L.
11/18/14

1-14-15

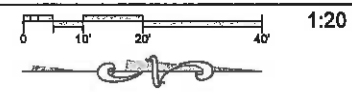
SHEET NO.

43



01 IRRIGATION PLAN

IRRIGATION NOTE:
CONTRACTOR SHALL REPAIR ANY BROKEN
IRRIGATION EQUIPMENT WITHIN THE MEDIANS.
SEE SHEET 43 FOR NOTES, SYMBOL LEGEND,
DETAIL & SCHEDULE



Mini P.C.
LA1101

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
09/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		



LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE NO. 1191
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
 1801 Silver Creek, Suite 202, Fort Lauderdale, Florida 33316
 Phone: 954.531.7791 • Fax: 954.531.8607
 Certificate of Authorization LC00000238
 VENDOR ID: NO. 35-001-3889

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

USER: operado 1/12/2015 3:28:54 PM P:\Projects\2014\148777 Florida HBC Grant Project\CADD Files\Drawings\148777-L-IRRIGATION_PLANS.dwg

IRRIGATION PLAN

1-17-15	SHEET NO.
	44

MATCH LINE - SEE SHEET 44 FOR CONTINUATION

MATCH LINE - SEE SHEET 46 FOR CONTINUATION

EXISTING CONCRETE
MEDIAN

EXIST. ONE WAY SIGN
TO REMAIN

EXIST. IRRIGATION
METER # P.V.B.

296

15" RCP

297

298

18" RCP

15" RCP

24" RCP

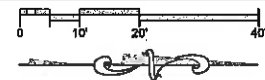
EXISTING IRRIGATION HEADS OBSERVED ALONG
EAST SIDE ONLY APPROXIMATELY 15' O.C.
(TOTAL EXISTING HEADS ESTIMATED = 17)

S 81° 38' 02" E

N.E. 21ST
STREET

02

IRRIGATION PLAN



1:20

Handwritten signature: Jim P. L. LA1181

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
9/23/14	Revised per ERG comments		
11/5/14	Second Revised per ERG comments		

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1400 Old Colony, Suite 600, Fort Lauderdale, Florida 33316
Phone 954.581.2781 • Fax 954.581.8037
Certificate of Registration LC000000239
VEN000119, INC. 05-001-3308

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

1-14-15

SHEET
NO.

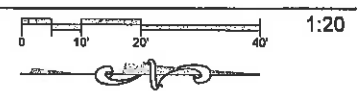
45

USER: apereda 1/12/2015 3:28:09 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.dwg

MATCH LINE - SEE SHEET 45 FOR CONTINUATION

MATCH LINE - SEE SHEET 47 FOR CONTINUATION

03 IRRIGATION PLAN



Min P.C.
LA1181

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
09/23/14	Revised per ERC comments		
11/15/14	Second Revised per ERC comments		
01/12/15	Revised per Final Agreement		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, P.L.A., LICENSE No. 1181

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

1800 Hill Circle, Suite 400, Fort Lauderdale, Florida 33316
Phone 954.331.7701 • Fax 954.331.8807
Certificate of Authorization LC00000339
V00000110, INC., 05-001-2389

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

1-14-15

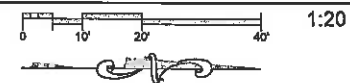
SHEET NO.
46

USER: opened 1/12/2015 5:32:52 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.cwg

MATCH LINE - SEE SHEET 46 FOR CONTINUATION

MATCH LINE - SEE SHEET 48 FOR CONTINUATION

04 IRRIGATION PLAN



Handwritten signature: Mimi P.L. 1-14-15

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (added sheet)		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE No. 1181

GA Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone 561.531.7781 • Fax 561.531.7807
Certificate of Authorization LC00000319
VENDOR ID: NO. 55-501-1388

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

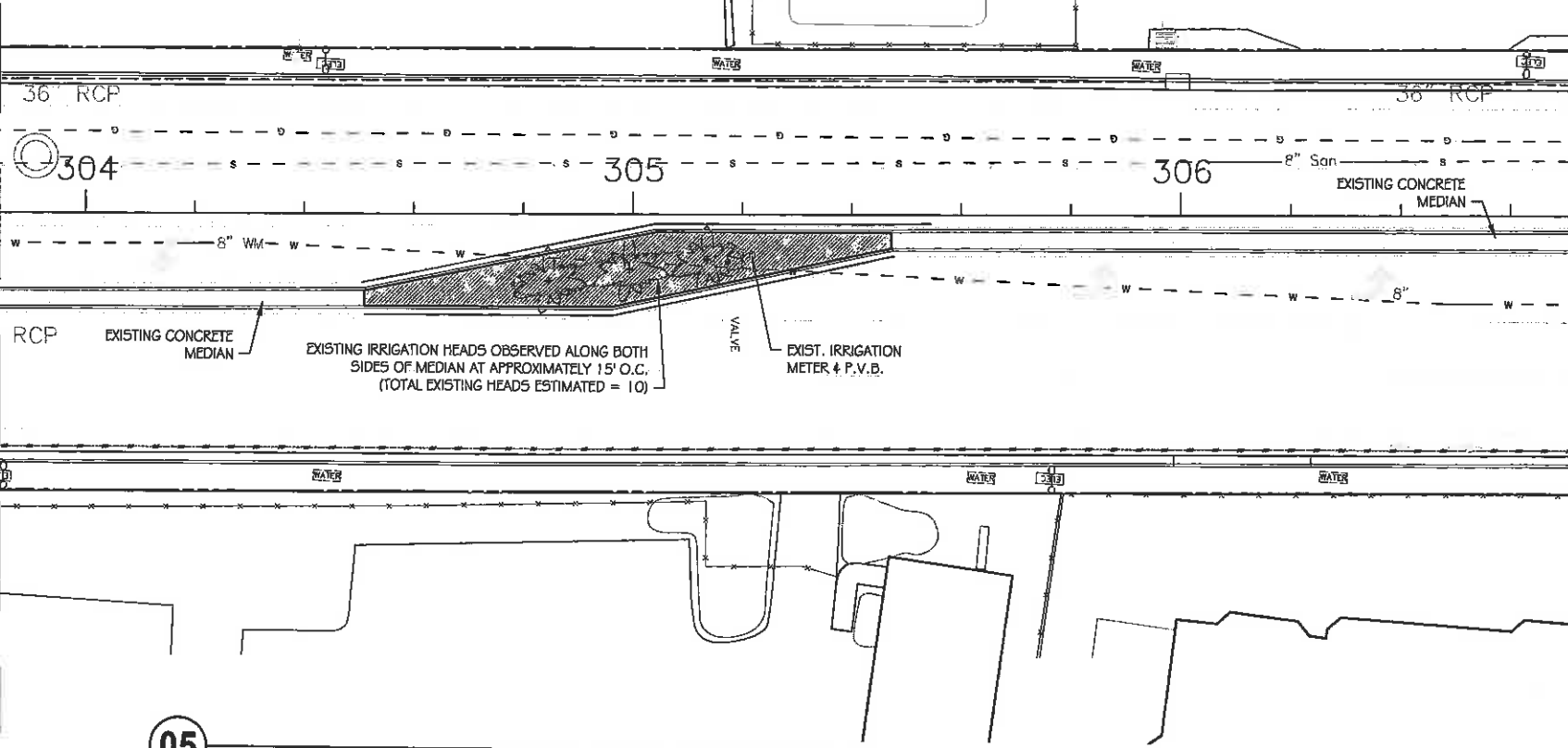
1-14-15

SHEET NO.
47

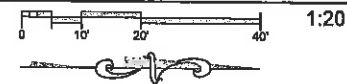
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MATCH LINE - SEE SHEET 47 FOR CONTINUATION

MATCH LINE - SEE SHEET 49 FOR CONTINUATION



05 IRRIGATION PLAN



Handwritten signature: M. P. L. 1/11/15

JANUARY 12, 2015

REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments (Added sheet)				
9/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE NO. 1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1400 E. Deer Creek, Suite 100, Fort Lauderdale, Florida 33316 Phone: 954.371.7781 • Fax: 954.371.0887 City/State of Florida License: LC200006228 VENDOR ID NO. 05-001-3489		ROAD NO. A1A	COUNTY BROWARD
		FINANCIAL PROJECT ID 435710-1-78-01	

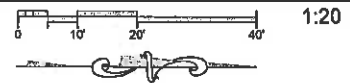
IRRIGATION PLAN		1-1A-15	SHEET NO. 48
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MATCH LINE - SEE SHEET 48 FOR CONTINUATION

MATCH LINE - SEE SHEET 50 FOR CONTINUATION

06 IRRIGATION PLAN



Min P. L.
1/11/15

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

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1800 Eller Drive, Suite 100, Fort Lauderdale, Florida 33315
Phone: 954.521.2781 • Fax: 954.521.2827
Certificate of Accreditation: LC00000029
VENDOR LID: 954-521-2889

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN 1-1A-15

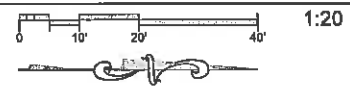
SHEET NO.
49

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MATCH LINE - SEE SHEET 49 FOR CONTINUATION

MATCH LINE - SEE SHEET 51 FOR CONTINUATION

07 IRRIGATION PLAN



Mini P.L.
L.A. 1181

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO. COUNTY FINANCIAL PROJECT ID

A1A BROWARD 435710-1-78-01

IRRIGATION PLAN

1-14-15

SHEET NO.

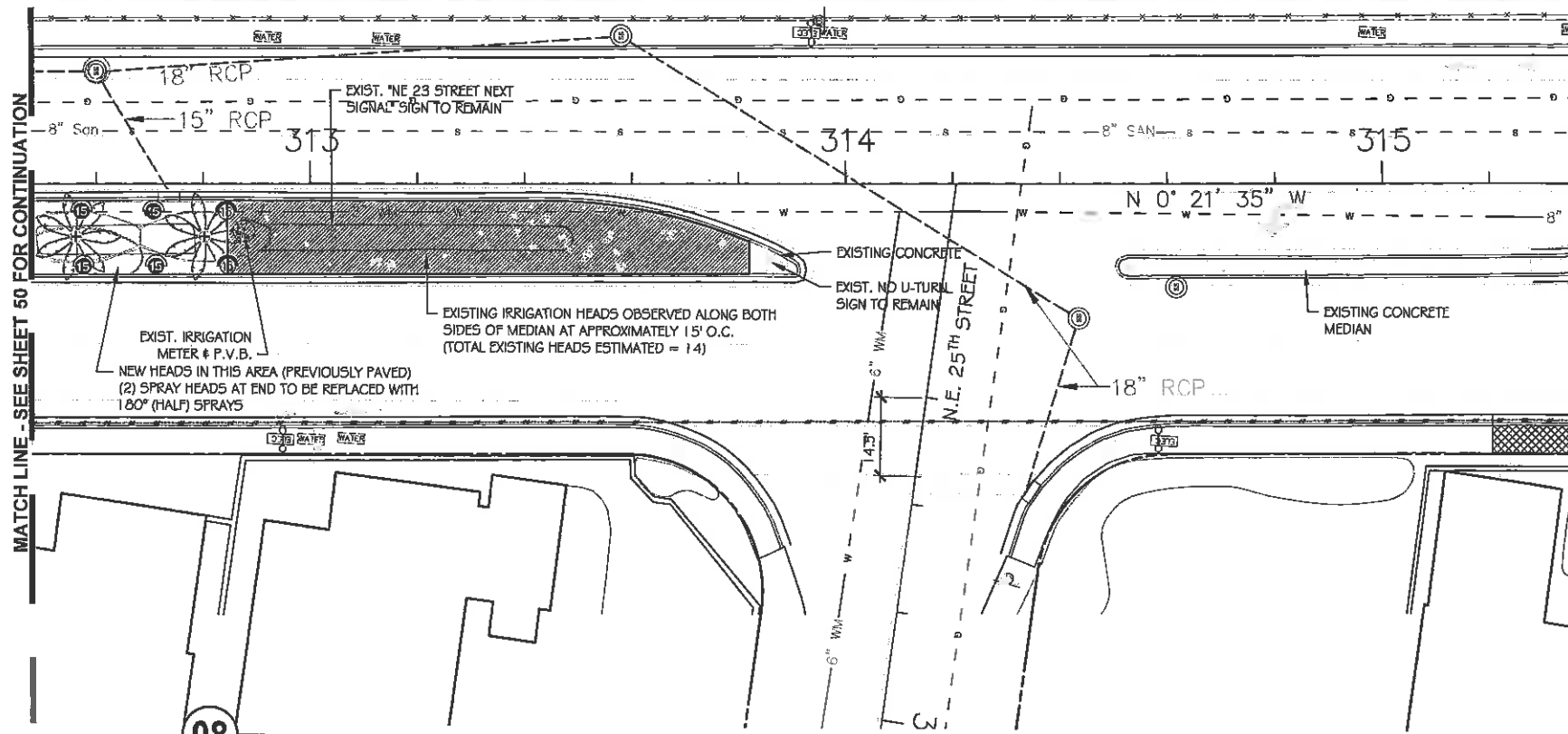
50

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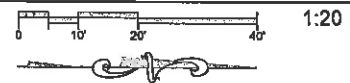
EXHIBIT 1
CAM 14-1512
PAGE 55 of 76

MATCH LINE - SEE SHEET 50 FOR CONTINUATION

MATCH LINE - SEE SHEET 52 FOR CONTINUATION



08 IRRIGATION PLAN



Min P.C.
LAI/01

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
09/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A., LICENSE NO. 1181

GA Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone 954.921.7791 • Fax 954.921.8837
Certificate of Authorization LC000000358
VENDOR ID NO. 88-001-3553

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

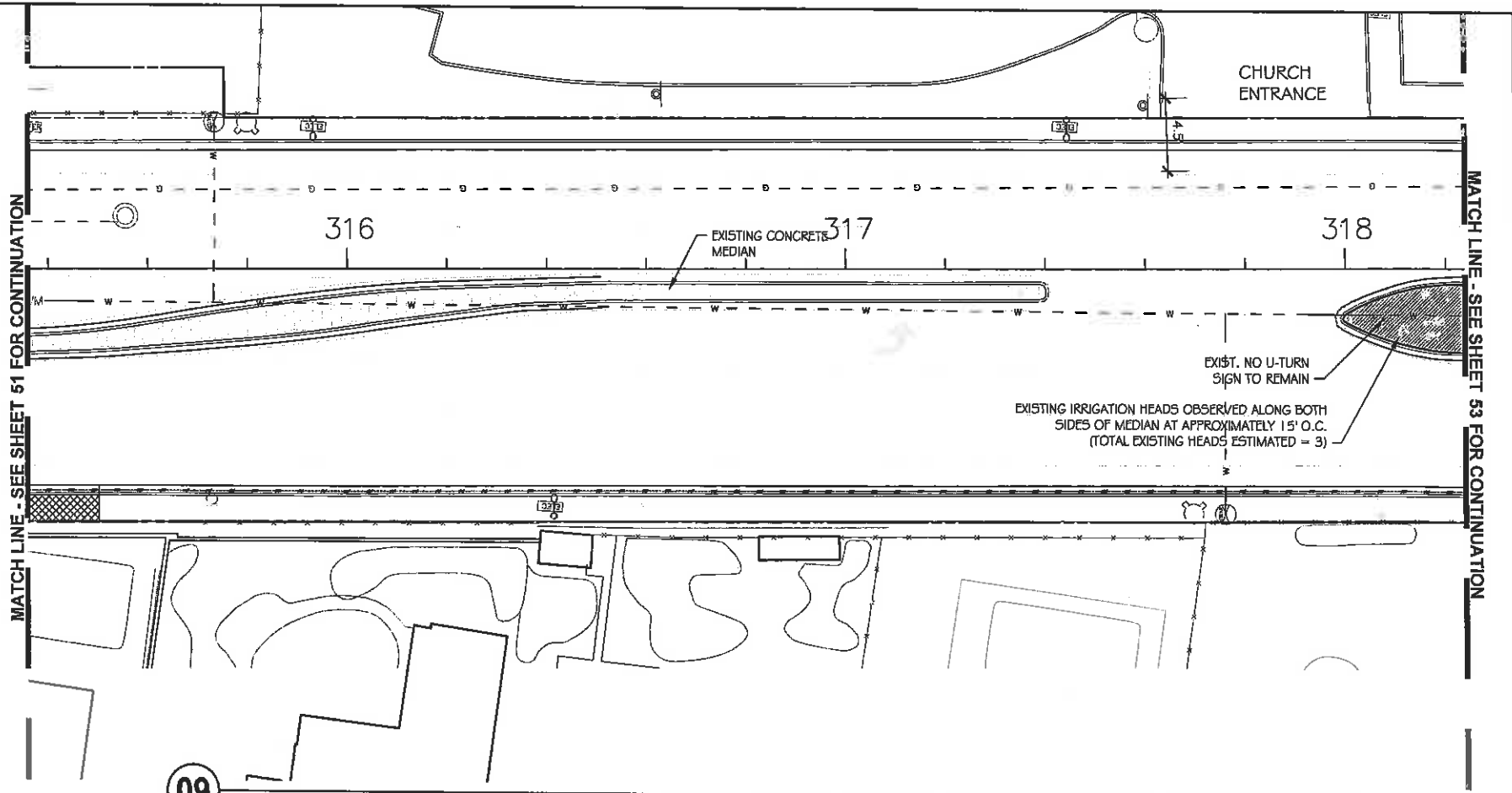
IRRIGATION PLAN F14-15

SHEET NO.
51

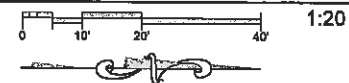
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MATCH LINE - SEE SHEET 51 FOR CONTINUATION

MATCH LINE - SEE SHEET 53 FOR CONTINUATION



09 IRRIGATION PLAN



Mike P.C.
1/14/15

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL COMBER, R.L.A., LICENSE NO. 1181

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EXCEPTIONAL SOLUTIONS

1800 E. 1st Ave., Suite 610, Fort Lauderdale, Florida 33316
Phone: 954.521.7781 • Fax: 954.521.1307
Certificate of Authorization LC000006338
VERMONT L.B. NO. 13-001-3999

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN 1-14-15

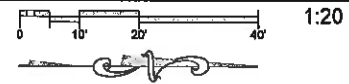
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52

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MATCH LINE - SEE SHEET 52 FOR CONTINUATION

MATCH LINE - SEE SHEET 54 FOR CONTINUATION

10 IRRIGATION PLAN



min P.C.
LA 1121

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNER, R.L.A., LICENSE 161181

GA Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1600 Glen Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954.921.7781 • Fax: 954.921.8807
Certificate of Authorization: LC200000338
MICHAEL CORNER, R.L.A., LICENSE 161181

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN 1-14-15

SHEET NO. 53

USER: operedo 1/12/2015 3:30:34 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.dwg

MATCH LINE - SEE SHEET 53 FOR CONTINUATION

MATCH LINE - SEE SHEET 56 FOR CONTINUATION

N.E. 27TH STREET

15" RCP

322

N 6° 08' 54" E

EXISTING IRRIGATION HEADS OBSERVED ALONG BOTH SIDES OF MEDIAN AT APPROXIMATELY 15' O.C.
(TOTAL EXISTING HEADS ESTIMATED = 18)

EXISTING CONCRETE MEDIAN

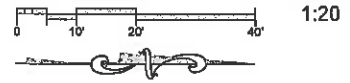
323

(2) SPRAY HEADS AT END TO BE REPLACED WITH 180° (HALF) SPRAYS

EXIST. IRRIGATION METER & P.V.B.

11

IRRIGATION PLAN



Min D.C.
1/11/15

JANUARY 12, 2015

REVISIONS		LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, F.L.A., LICENSE #11181		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	
07/11/14	Revised per FDOT comments (Added sheet)			A1A	BROWARD	54
9/23/14	Revised per ERC comments					
11/5/14	Second Revised per ERC comments					

GA
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 102, Fort Lauderdale, Florida 33316
Phone: 954.521.2781 • Fax: 954.521.0827
Certificate of Registration: LC000000939
VENDOR I.D. NO. 85-891-3348

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

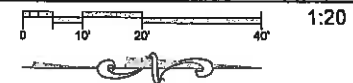
1-14-15

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MATCH LINE - SEE SHEET 54 FOR CONTINUATION

MATCH LINE - SEE SHEET 56 FOR CONTINUATION

12 IRRIGATION PLAN



Min P. L.
1/18/15

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
9/23/14	Revised per ERC comments		
11/8/14	Second Revised per ERC comments		

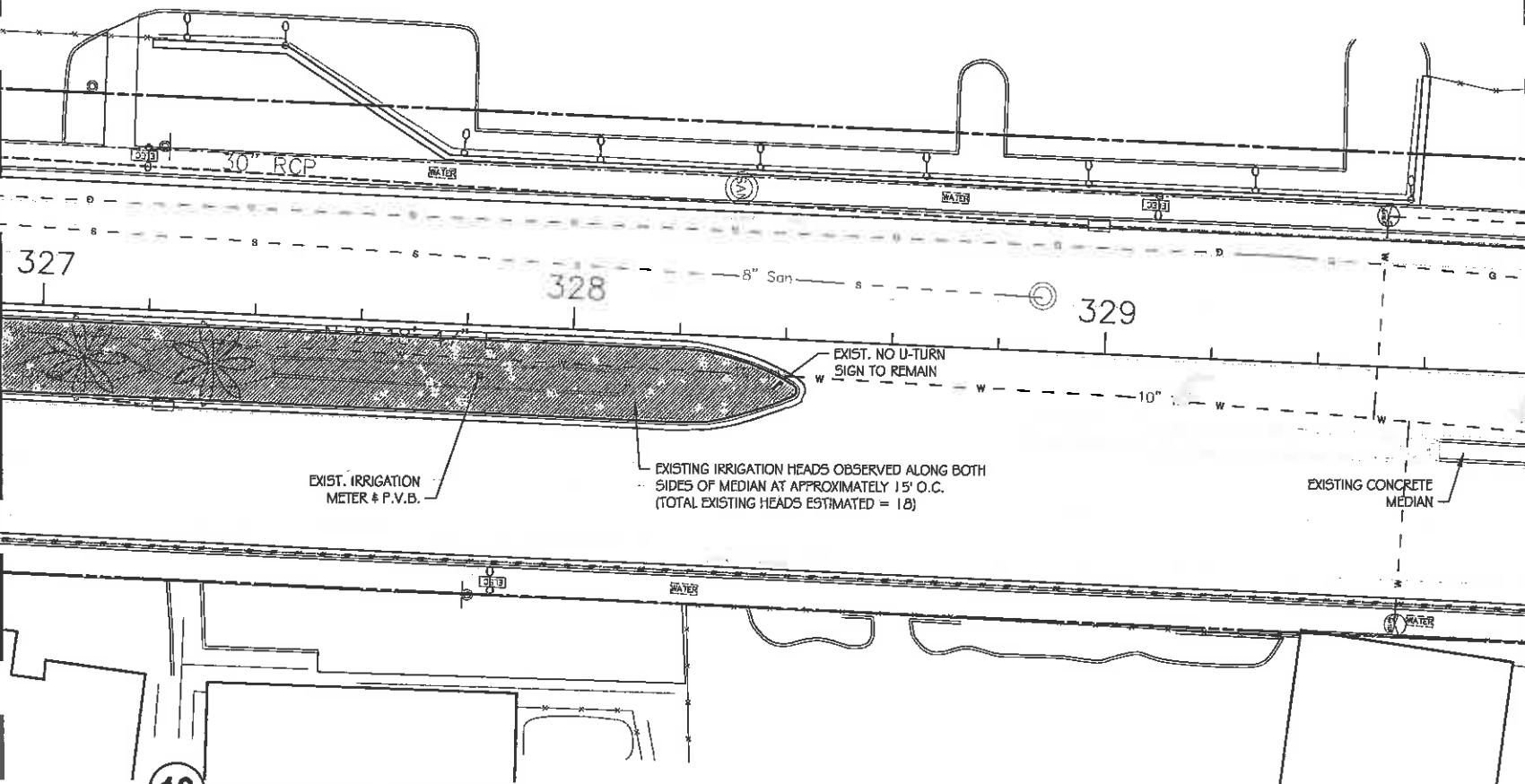
 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS® 1820 Elm Creek, Suite 600, Fort Lauderdale, Florida 33316 Phone: 954.931.7784 • Fax: 954.931.7787 Certificate of Authorization LC00000338 MVB/CORP L.D. NO. 98-201-3839		FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
A1A	BROWARD	435710-1-78-01	

IRRIGATION PLAN 1-14-15		SHEET NO.
		55

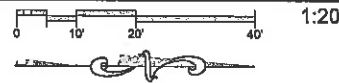
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MATCH LINE - SEE SHEET 55 FOR CONTINUATION

MATCH LINE - SEE SHEET 57 FOR CONTINUATION



13 IRRIGATION PLAN



Min P. L.
1/11/15

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: BROWARD COUNTY, FLA., LICENSE NO. 1111

GA Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 E. Broward Blvd., Suite 400, Fort Lauderdale, Florida 33316
Phone: 954.581.2781 • Fax: 954.521.8837
Certificate of Authorization: LC00000023
VENDOR LG. NO. 05-895-2308

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

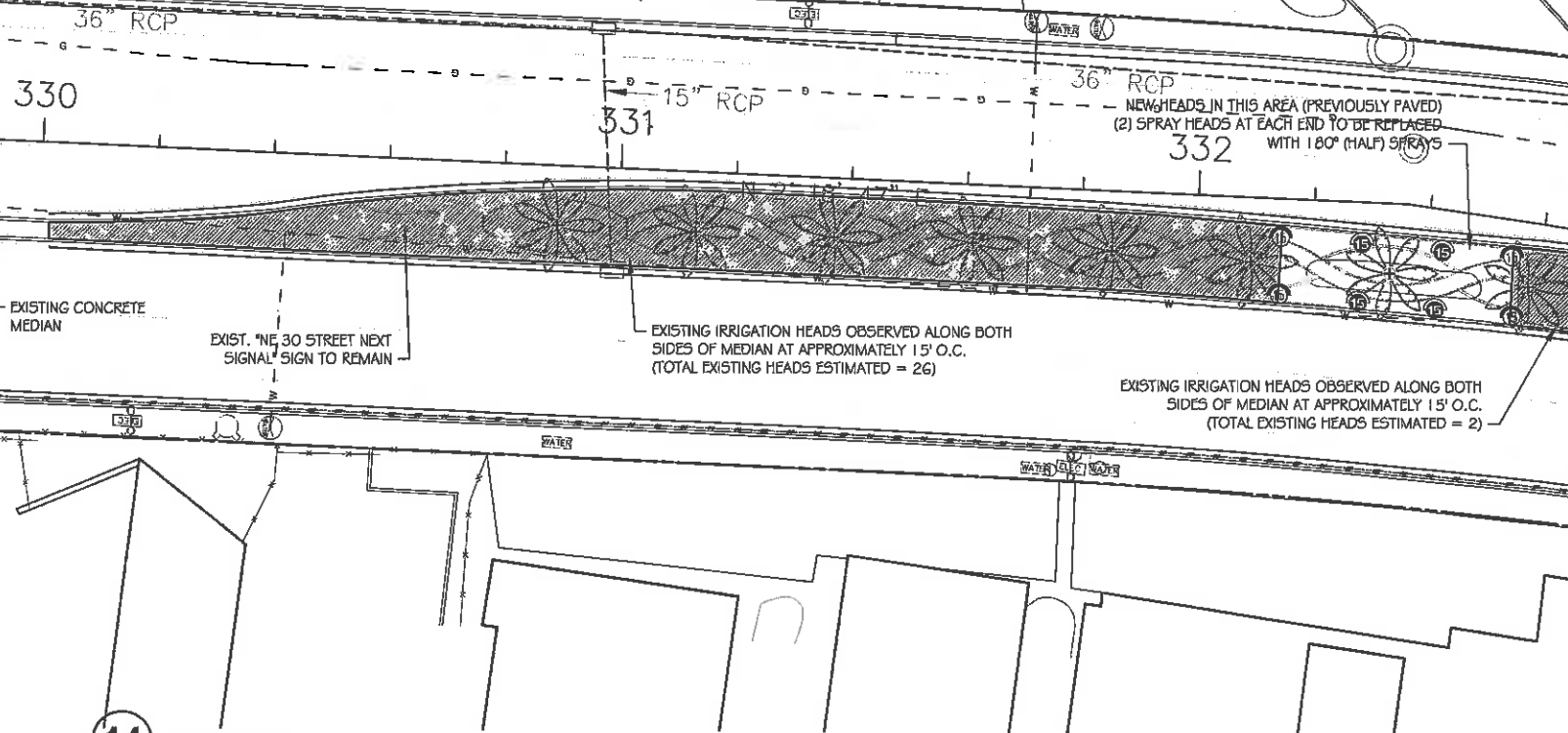
IRRIGATION PLAN 1-14-15

SHEET NO.
56

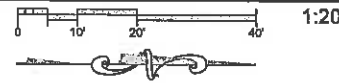
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MATCH LINE - SEE SHEET 56 FOR CONTINUATION

MATCH LINE - SEE SHEET 58 FOR CONTINUATION



14 IRRIGATION PLAN



Min P. L.
LA 1181

JANUARY 12, 2015

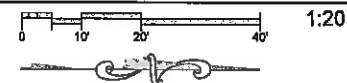
REVISIONS				 LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRELL, P.L.A., LICENSE NO.1181 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS® 1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316 Phone: 954.551.7781 • Fax: 954.551.6607 Certificate of Authorization LC000000238 VENDOR L.D. NO. 65-651-1008	FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT			IRRIGATION PLAN	F-14-15	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
07/11/14	Revised per FDOT comments (Added sheet)				A1A	BROWARD	435710-1-78-01			
9/23/14	Revised per ERC comments									
11/5/14	Second Revised per ERC comments									

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MATCH LINE - SEE SHEET 57 FOR CONTINUATION

MATCH LINE - SEE SHEET 59 FOR CONTINUATION

15 IRRIGATION PLAN



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
07/11/14	Revised per FDOT comments (Added sheet)		
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF FLORIDA: MICHAEL CORNER, S.L.A. LICENSE NO. 1181

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1820 9th Circle, Suite 101, Fort Lauderdale, Florida 33316
Phone: 954.521.2781 • Fax: 954.521.8807
Certificate of Authorization LC00000384
VENDOR ID: 125, 145, 65-001-3839

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN 1-14-15

SHEET NO.
58

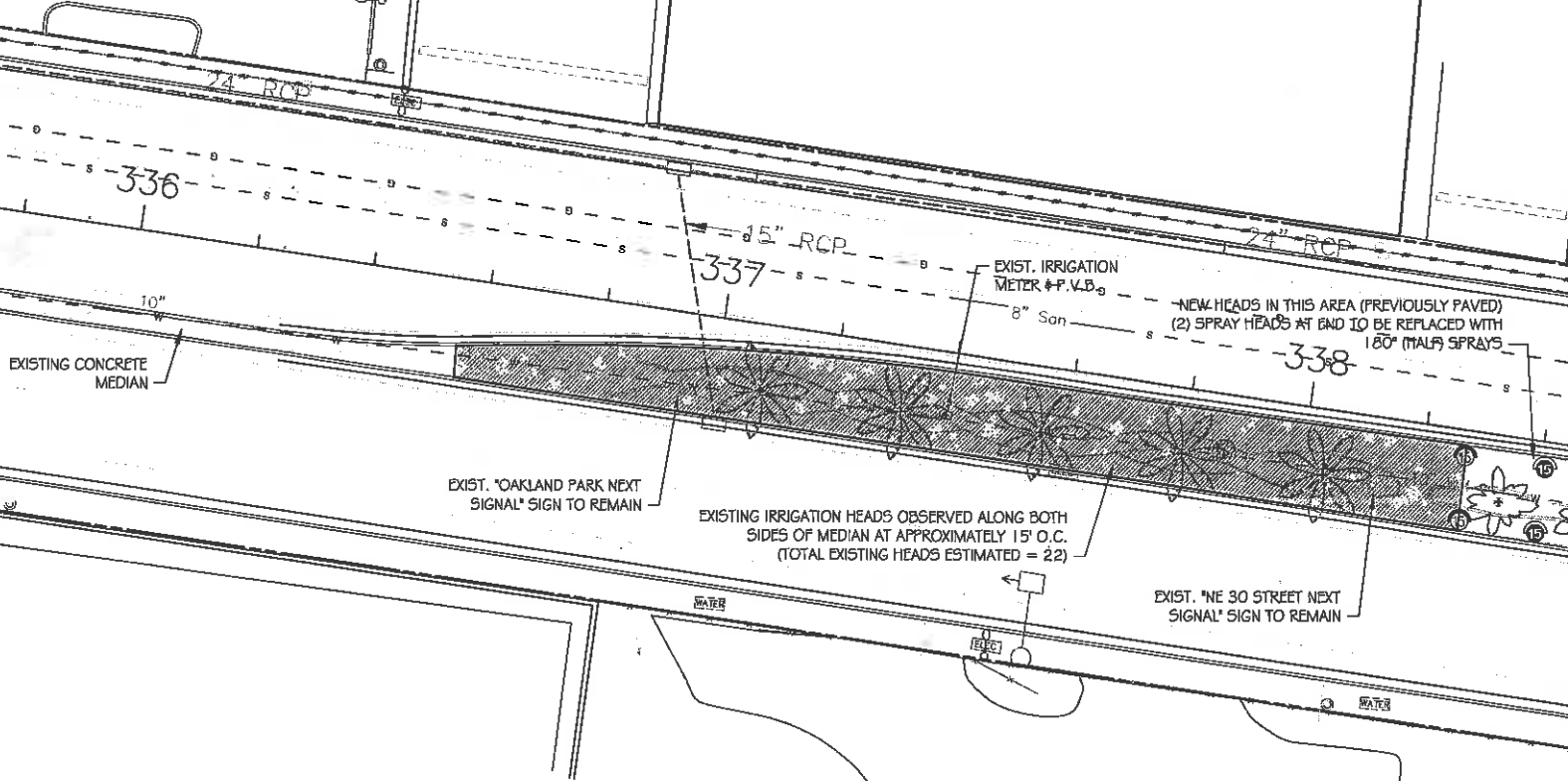
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JANUARY 12, 2015

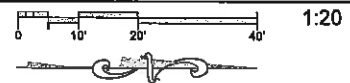
Min P. L.
1/11/15

MATCH LINE - SEE SHEET 58 FOR CONTINUATION

MATCH LINE - SEE SHEET 60 FOR CONTINUATION



16 IRRIGATION PLAN



Min P. L.
1/11/15

JANUARY 12, 2015

REVISIONS	
DATE	DESCRIPTION
9/23/14	Revised per ERC comments
11/5/14	Second Revised per ERC comments

LANDSCAPE ARCHITECT OF RECORD: MICHAEL DOMER, D.L.A., LICENSE #14181

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

1800 E. Ft. Calhoun, Suite 100, Fort Lauderdale, Florida 33316
Phone: 954.521.2781 • Fax: 954.521.1887
Certificate of Authorization LC00000939
VPM000123, 1/23, 1/23, 4/5-001-3488

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN 1-14-15

SHEET NO.
59

USER: operado 1/12/2015 3:31:39 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.dwg

MATCH LINE - SEE SHEET 59 FOR CONTINUATION

MATCH LINE - SEE SHEET 61 FOR CONTINUATION

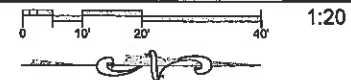
NEW HEADS IN THIS AREA (PREVIOUSLY PAVED)
(2) SPRAY HEADS AT END TO BE REPLACED WITH
+80" (HALF) SPRAYS

EXISTING PAVERS
TO REMAIN

EXISTING IRRIGATION HEADS OBSERVED ALONG BOTH
SIDES OF MEDIAN AT APPROXIMATELY 15' O.C.
(TOTAL EXISTING HEADS ESTIMATED = 10)

EXIST. NO U-TURN
SIGN TO REMAIN

17 IRRIGATION PLAN



Min P.C.
LA 1181

JANUARY 12, 2015

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION
8/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORRIE, F.L.A., LICENSE NO. 1181
Calvin Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 E. 1st St., Suite 100, Fort Lauderdale, Florida 33316
 Phone: 954.583.2781 • Fax: 954.583.1887
 Certificate of Registration: LC000000036
 VENDOR ID: NO. 65-501-362.3

FT. LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

1-12-15

SHEET NO.
60

USER: opereda 1/12/2015 3:31:49 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.dwg

MATCH LINE - SEE SHEET 60 FOR CONTINUATION

18 IRRIGATION PLAN

NO IMPROVEMENTS
ON THIS SHEET

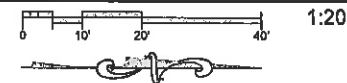
SIGNALIZED INTERSECTION
OPERATES 24 HOURS
7 DAYS A WEEK

OAKLAND PARK BLVD
(S.R. 816)

49

343

344



Min P. L.
LA 1121

JANUARY 12, 2015

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
9/23/14	Revised per ERC comments		
11/5/14	Second Revised per ERC comments		



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Eller Drive, Suite 500, Fort Lauderdale, Florida 33316
Phone 954.531.7781 • Fax 954.521.8807
City of Broward's Authority License L.C. 06000329
MEMBER I.A. 105, F.A. 011-1889

**FT. LAUDERDALE HIGHWAY
BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	435710-1-78-01

IRRIGATION PLAN

1-14-15

SHEET NO.

61

USER: operedo 1/12/2015 3:31:58 PM P:\Projects\2014\146777 Florida HBC Grant Project\CADD Files\Drawings\146777-L-IRRIGATION_PLANS.dwg

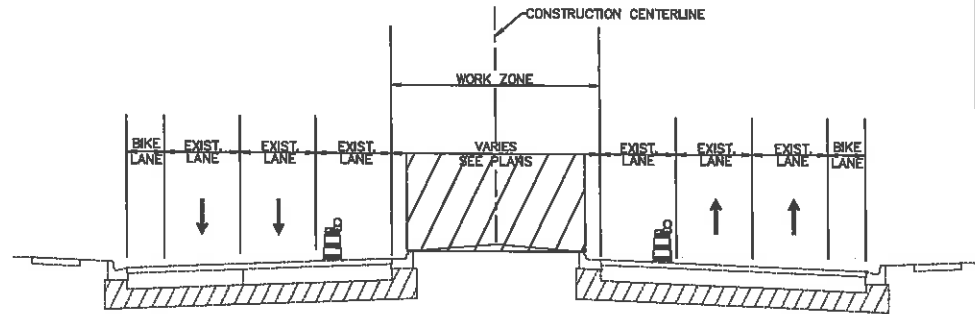
TRAFFIC CONTROL PLAN - GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH LATEST FDOT DESIGN STANDARDS INDEX 600 SERIES, MUTCD 2009 AND PROJECT PLANS.
2. THE REGULATORY SPEED LIMIT FOR S.R. A1A/N. OCEAN BLVD. DURING CONSTRUCTION SHALL BE MAINTAINED AT THE EXISTING POSTED SPEED LIMIT OF 35 MPH.
3. EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE PROJECT ADMINISTRATOR.
4. THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT NAME AND NUMBER.
5. TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIALS ARE AVAILABLE FOR THE CONSTRUCTION OF THAT PARTICULAR AREA. ALL LANES OF TRAFFIC SHALL BE OPEN DURING INACTIVE WORK PERIODS. ALL WORK ZONE SIGNS SHALL BE COVERED PER INDEX 600 OR REMOVED DURING INACTIVE WORK PERIODS.
6. FULL TIME FLORIDA CERTIFIED MOT SUPERVISOR SHALL BE ON SITE WHEN CONTRACTOR IS WORKING AND SHALL BE ON CALL FOR EMERGENCIES WHEN THE CONTRACTOR IS NOT WORKING. COPY OF HIS/HER CURRENT CERTIFICATION SHALL BECOME PART OF PROJECT FILE.
7. ALL LANES ON S.R. A1A/N. OCEAN BLVD. MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE FOR A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.
8. WORK ZONE MAINLINE LANE CLOSURE TIME RESTRICTIONS:

NORMAL WORK HOURS WILL BE LIMITED TO MONDAY THROUGH FRIDAY FROM 9:00 AM TO 4:00 PM.

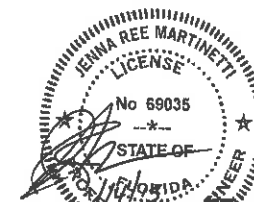
LANE CLOSURE WILL BE LIMITED TO EITHER THE LANE ADJACENT TO THE MEDIAN OR THE OUTSIDE BUT NOT BOTH AT ANY GIVEN TIME.

NO LANE CLOSURE ARE PERMITTED ON HOLIDAYS.
9. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSING CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
10. THE CONTRACTOR SHALL NOT STORE MATERIALS OR EQUIPMENT WITHIN THE CLEAR ZONE DURING CONSTRUCTION ACTIVITY PERIOD, THE CONTRACTOR SHALL LIMIT THE STORAGE OF MATERIAL AND EQUIPMENT TO THE WORK ZONE AREA.
11. ARROWS IN TRAFFIC CONTROL PLAN DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS.



FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613 AND 616.

WORK IN MEDIAN



NOVEMBER 5, 2014

REVISIONS		DATE		DESCRIPTION	
07/11/14	Revised per FDOT comments (Added sheet)				
09/23/14	Revised per ERC comments				
11/5/14	Second Revised per ERC comments				

ENGINEER OF RECORD: JENNA MARTINETTI, P.E., LICENSE NO. 69035 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 Eller Drive, Suite 601, Fort Lauderdale, Florida 33316 Phone: 954.321.1781 • Fax: 954.321.8807 Certificate of Authorization LC26000030 VEP0021.D, ISS. 05-01-1989		FORT LAUDERDALE HIGHWAY BEAUTIFICATION GRANT		TRAFFIC CONTROL PLAN	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SHEET NO.	
S.R. A1A	BROWARD	435710-1-78-01		62	

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SECTION No.(s): 860500
S.R. No.(s): A1A
FM No: 435710-1-78-01
COUNTY: BROWARD COUNTY

EXHIBIT C
LANDSCAPE IMPROVEMENT MAINTENANCE PLANS

MAINTENANCE PLAN

Landscape Improvements

Project State Road No(s): State Road A1A
Project Limits: From North Atlantic Boulevard (M.P. 4.456) to State Road 816 (Oakland Park Boulevard) (M.P. 5.382)
FM No(s): 435710-1-78-01
Maintaining Agency: City of Fort Lauderdale
RLA of Record: Michael D. Conner (LA0001181)
Date: November 5, 2014

I. GENERAL MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

The purpose of a plan for the landscape improvements maintenance practices is to allow the plant material on your project to thrive in a safe and vigorous manner while fulfilling their intended purpose and conserving our natural resources. Plantings and all other landscape improvements shall be maintained to avoid potential roadway hazards and to provide required clear visibility, accessibility, clearance, and setbacks as set forth by Florida Department of Transportation (FDOT) governing standards and specifications: *FDOT Design Standards*, *FDOT Plans Preparation Manual Vol. I, Chapter 2.11* and *FDOT Standard Specifications for Road and Bridge Construction*, as amended by contract documents, and all other requirements set forth by the District 4 Operations Maintenance Engineer. The initial portion of the Maintenance Plan describes general maintenance requirements and recommendations. The concluding section provides recommendations prepared by the Registered Landscape Architect of Record specific to the attached approved plans.

WATERING REQUIREMENTS

Watering is a critical concern for not only the maintenance of healthy plant material but also for observing water conservation practices. The amount of water to apply at any one time varies with the weather, drainage conditions and water holding capacity of the soil. For plant materials that have been established, it is imperative that any mandated water restrictions be fully conformed to on FDOT roadways.

Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes.

IRRIGATION SYSTEM

The Agency shall ensure there are no roadway overspray or irrigation activities during daytime hours (most notably "rush hour" traffic periods). It is imperative the irrigation controller is properly set to run early enough that the watering process will be entirely completed before high traffic periods, while adhering to mandated water restrictions. To ensure water conservation, the Agency shall monitor the system for water leaks and the rain sensors to ensure they are functioning properly so that the system shuts down when there is sufficient rainfall.

INTEGRATED PLANT MANAGEMENT

An assessment of each planting area's soil is recommended to periodically determine the nutrient levels needed to sustain healthy, vigorous plant growth.

Palms, shrubs, trees and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Establishment of an integrated pest management program is encouraged to ensure healthy plants, which are free of disease and pests.

MULCHING

Mulch planting beds in such a manner as to prevent weed growth, retain moisture to the plants, protect against soil erosion and nutrient loss, maintain a more uniform soil temperature, and improve the appearance of the planting beds. Avoid mulch mounded up on the trunks of trees, palms, and the base of shrubs to encourage air movement in this area which aids in lowering disease susceptibility. Cypress mulch is prohibited on state right of way.

PRUNING

All pruning, and the associated safety criteria, shall be performed according to American National Standard Institute (ANSI) A300 standards and shall be supervised by an International Society of Arboriculture (ISA) Certified Arborist. Pruning shall be carried out with the health and natural growth of plant materials in mind, to specific pruning heights maintaining clear visibility for motorists, and provide vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions, and all trees and palms must be maintained to prevent potential roadway and pedestrian hazards, all palms are to be kept fruit free. The specific pruning heights are determined by understanding the designer's intent when selecting and placing the plants. The intended mature maintained height and spread of plants are noted on the plans (See Exhibit B.) and see Part II. Specific Requirements and Recommendations for guidelines. The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) are to be maintained at a height in compliance with *FDOT Design Standards* Index 546; Page 6 of 6, Window Detail. Vertical tree heights must meet *FDOT Maintenance Rating Program* (MRP) standards.

STAKING AND GUYING

All staking materials, except for replacements, are to be removed by the completion of FDOT warranty period or at one year (whichever comes first). Any subsequent staking and guying activities by the Agency must adhere to *FDOT Design Standards* guidelines (See Index 544). The Agency shall closely monitor staking and guying attachment materials so that they are securely fastened to avoid potential roadway hazards.

TURF MOWING:

All grassed areas are to be mowed and trimmed with sufficient frequency to maintain a deep, healthy root system while providing a neat and clean appearance to the urban landscape. All turf efforts, mowing, curb/sidewalk edging and turf condition, must at a minimum, meet *FDOT Maintenance Rating Program* (MRP).

LITTER CONTROL:

The project site shall remain as litter free as practicable. It is recommended to recycle this litter to avoid unnecessary waste by its reuse. Litter removal efforts must meet *FDOT Maintenance Rating Program* (MRP) standards.

WEEDING/HERBICIDE

All planting areas shall be maintained as weed free as practicable by enlisting integrated pest management practices in areas specified on the plans and maintaining proper mulch levels. Extreme care is recommended if using a chemical herbicide to avoid overspray onto plant materials. It is the applicator's responsibility to restore any damage, resulting from overspray to the plantings, per the approved plans.

PLANT REPLACEMENT

Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the *Florida Department of Agriculture and Consumer Services, Grades and Standards for Nursery Plants* are permitted on FDOT roadways. Should it become necessary to change the species, a general use permit is required from FDOT for approval by the FDOT District Landscape Architect.

HARDSCAPE (SPECIALTY SURFACING)

All tree grates and specialty surfacing (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the pavers and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current *Interlocking Concrete Pavement Institute (ICPI), Guide Specifications for Pavers on an Aggregate Base, Section 23 14 13 Interlocking Concrete Pavers, Part 3.05*. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

HARDSCAPE (NON-STANDARD) TRAVELWAY SURFACING

It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway, including asphalt pavement (if applicable), caused or contributed by the installation or failure of non-standard surfacing, and/or the header curb, on the Department of Transportation right-of-way within the limits of this Agreement. Pavement restoration areas or "patches" will have a minimum length of 10-ft, measured from the edge of the header curb, and a width to cover full lanes for each lane affected by the restoration.

Pavement restoration will be performed in accordance with the most current edition of the *FDOT Standard Specifications for Road and Bridge Construction*, and the *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System*.

It shall be the responsibility of the AGENCY to maintain all signs located within a non-standard surfacing area. Such maintenance to be provided by the AGENCY shall include repair and replacement of the sign panel, post, and base.

HARDSCAPE (LANDSCAPE ACCENT LIGHTING)

Landscape accent lighting shall be maintained in such a manner as to prolong the life of the lighting fixture and prevent potential safety hazards. If the lighting fixtures and their system become damaged, they shall be replaced with the same type and specification as the approved plan. Landscape lighting shall meet requirements for the sea turtle nesting and hatching.

MAINTENANCE OF TRAFFIC CONTROL

Reference the FDOT website regarding the selection of the proper traffic control requirements to be provided during routine maintenance and / or new installations of this DOT roadway.

VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING (ODA)

To avoid conflicts with permitted outdoor advertising, please reference the State of Florida website regarding the vegetation management of outdoor advertising. This website provides a portal to search the FDOT Outdoor Advertising Inventory Management System Database. The database contains an inventory of outdoor advertising structures, permits and other related information maintained by the Department.

Also, reference the *Florida Highway Beautification Program* website link for "Vegetation Management at ODA signs" "Florida Statutes" and "Florida Administrative Code" related to vegetation management at outdoor advertising sign, permit applications for vegetation management and determining mitigation value of roadside vegetation.

II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS

The only specific maintenance requirements for the planting design for this project, other than those outlined and specified in Part I, are as follows:

1. The Silver Buttonwood hedge shall be maintained at a maximum height of 48".
2. The Dwarf Fakahatchee Grass does not need to be pruned or trimmed back. It is located in areas that do not have sight distance restrictions, and therefore can be left natural.
3. Likewise, the 'Dean' Bromeliads should not be pruned or trimmed back. They are located in areas that do not have sight distance restrictions, and therefore can be left natural.
4. Both the 'Orange Crush.' Bromeliads and the 'Parsons' Juniper are located within sight distance restrictions. The 'Orange Crush.' Bromeliads shall be maintained at a maximum height of 18". If an individual plant does get too large then the whole plant shall be removed completely, not just trimmed back. The 'Parsons' Juniper shall be maintained at a maximum height of 15".
5. The 'Green Island' Ficus are located in areas that do not have sight distance restrictions, and therefore shall be maintained at a maximum height of 24".

REFERENCES

This reference list is provided as a courtesy. The list may not contain the most current websites. The most current references must be accessed for up to date information.

Accessible Sidewalk (ADA)

<http://www.access-board.gov/guidelines-and-standards/streets-sidewalks>

Americans with Disabilities Act (ADA) (ADAAG)

http://www.ada.gov/2010ADASTandards_index.htm

American National Standard Institute, *ANSI A300, (Part 1) for Tree Care Operations – Trees, Shrub, and Other Woody Plant Maintenance – Standard Practices (Pruning)*, available for purchase

<http://webstore.ansi.org>

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Plants*

<http://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Bureaus-and-Services/Bureau-of-Plant-and-Apiary-Inspection/Plant-Inspection#pubs>

Florida Department of Community Affairs (DCA), *Florida Board of Building Codes & Standards, 2010 Florida Building Code, Chapter 11 Florida Accessibility Code for Building Construction Part A*

http://www2.iccsafe.org/states/florida_codes/

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 544 Landscape Installation*

<http://www.dot.state.fl.us/rddesign/DS/15/IDx/00544.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 546 Sight Distance at Intersections*

<http://www.dot.state.fl.us/rddesign/DS/15/IDx/00546.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 600 Traffic Control through Work Zones*

<http://www.dot.state.fl.us/rddesign/DS/15/IDx/00600.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 700 Roadside Offsets*

<http://www.dot.state.fl.us/rddesign/DS/15/IDx/00700.pdf>

Florida Department of Transportation, *FDOT Plans Preparation Manual (PPM) Vol. I Chapter 2.11 Horizontal Clearance*

Table 2.11.5 Horizontal Clearance to Trees

Table 2.11.11 Recoverable Terrain

<http://www.dot.state.fl.us/rddesign/PPMManual/2014PPM.shtm>

Florida Department of Transportation, *FDOT Standard Specifications for Road and Bridge Construction, Section 580 Landscape Installation*

<http://www.dot.state.fl.us/specificationsoffice/Maintenance/Jul14/Files/SS5800000.doc>

<http://www.dot.state.fl.us/specificationsoffice/Implemented/Workbooks/JulWorkbook2014/Files/S5800000FA.pdf>

Florida Department of Transportation, Landscape Architecture Website

www.MyFloridaBeautiful.com

Florida Department of Transportation, *Maintenance Rating Program Handbook*

<http://www.dot.state.fl.us/statemaintenanceoffice/MaintRatingProgram.shtm>

Florida Department of Transportation Outdoor Advertising Database

<http://www2.dot.state.fl.us/rightofway/>

Florida Exotic Pest Plant Council Invasive Plant Lists

<http://www.fleppc.org/list/list.htm>

Florida Irrigation Society

<http://www.fisstate.org>

Florida Power and Light (FPL), *Plant the Right Tree in the Right Place*

http://www.fpl.com/residential/trees/right_tree_right_place.shtml

A Guide to Roadside Vegetation Management

[http://www.dot.state.fl.us/statemaintenanceoffice/DOT%20Final%20\(3\)Turf%20Management%20Guide%20UF.pdf](http://www.dot.state.fl.us/statemaintenanceoffice/DOT%20Final%20(3)Turf%20Management%20Guide%20UF.pdf)

Interlocking Concrete Pavement Institute (ICPI)

<http://www.icpi.org/>

International Society of Arboriculture (ISA)

www.isa-arbor.com

UF IFAS: *Selecting Tropical and Subtropical Tree Species for Wind Resistance*

<http://edis.ifas.ufl.edu/pdf/FR/FR17500.pdf>

U.S. Department of Transportation, Federal Highway Administration, *Manual on Uniform Traffic Control Devices*

<http://www.mutcd.fhwa.dot.gov>

SECTION No.(s): 860500
S.R. No.(s): A1A
FM No: 435710-1-78-01
COUNTY: BROWARD COUNTY

EXHIBIT D

APPROXIMATE COST FOR LANDSCAPE IMPROVEMENTS UNDER SEPARATE PROPOSED JPA AGREEMENT

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

\$239,096.00

COST ESTIMATE:
S.R. A1A - Florida Highway Beautification Council Grant
FPID # 435710-1-78-01
Date: January 14, 2015

<u>Item</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1. Coconut Palm, 'Green Malayan'	20' - 24' o.a. ht., 12' - 16' c.t.	36	\$1,200	\$43,200
2. Solitaire Palm, Single	18' - 20' o.a. ht., 12' - 14' c.t.	13	\$400	\$5,200
3. Montgomery Palm, Single	18' - 20' o.a. ht., 12' - 14' c.t.	10	\$450	\$4,500
4. 'Dean' Bromeliad	3 gal., 18" ht.x 15" spr., 24" o.c.	986	\$18	\$17,748
5. 'Orange Crush' Bromeliad	3gal., 15" ht.x 15" spr., 24" o.c.	972	\$15	\$14,580
6. Silver Buttonwood	3 gal., 24" ht.x 18" spr., 18" o.c.	1051	\$8	\$8,408
7. 'Green Island' Ficus	3 gal., 15" ht.x 15" spr., 24" o.c.	1730	\$8	\$13,840
8. Dwarf Fakahatchee Grass	3 gal., 24" ht.x 24" spr., 42" o.c.	129	\$8	\$1,032
9. Site Mobilization / General Requirements	Mobilization / General Conditions	1	\$5,000	\$5,000
10. MOT	Maintenance of Traffic	1	\$7,500	\$7,500
11. Demolition of Existing Paver Planter Areas ***	Demo & Removal of Pavers/Base (S.Y.)	417	\$25	\$10,425
12. Removal of Existing Black Olive Trees	20" - 36" d.b.h.	12	\$1,200	\$14,400
13. Removal of Existing Sabal Palms	20' - 30' o.a. ht.	58	\$150	\$8,700
14. Removal of Existing Ligustrum Trees	10' - 12' ht.	8	\$200	\$1,600
15. Removal of Existing Silver Buttonwood Trees	10" d.b.h.	2	\$250	\$500
16. Relocate Existing Chinese Fan Palm ***	18' - 20' o.a. ht., double	1	\$400	\$400
17. Relocate Existing Sabal Palms ***	20' - 30' o.a. ht.	20	\$300	\$6,000
18. Removal of Existing Grass	Spray and Remove Existing Sod (S.Y.)	2570	\$3	\$7,710
19. Bed Preparation / Planting Soil	Spread 80 /20 Mix - 2" Depth (C.Y.)	275	\$30	\$8,250
20. Sprinkler Head Replacements	Replace Existing Sprinkler Heads	315	\$25	\$7,875
21. Irrigation Repairs / Replace Broken Piping	As Needed	1	\$5,000	\$5,000
22. 1 Year Warranty and Maintenance of New Plants	Per FDOT Specs. / Per Month	12	\$1,000	\$12,000
23 Relocate "Next Signal Ahead" Sign	Move exist. sign 70' in same median	1	\$500	\$500
24. Parsons' Juniper	3 gal., 12" ht. x 12" spr., 18" o.c.	4341	\$8	\$34,728
			Total Cost	\$239,096

*** Denotes an item of work that the City of Fort Lauderdale may perform outside of the scope of this project.