

SECTION NO: 86180  
S.R. NO.(S): A1A  
COUNTY: Broward  
FM NO.(S): 431108-1-58-01

**DISTRICT FOUR (4) AMENDMENT # FIVE (5)  
TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
CITY OF FORT LAUDERDALE LANDSCAPE  
INCLUSIVE MEMORANDUM OF AGREEMENT**

This is Amendment Number Five (5) to the Agreement dated January 31, 2008, made and entered into this 4th day of March 2013 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**.

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

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

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 14 of the Inclusive Agreement for State Road A1A dated January 31, 2008 the **AGENCY** has decided to construct additional landscape improvements or to modify an improvement located as indicated in Exhibit A State Road A1A (S.E. 17th Street Causeway) from State Road 5 (US 1) (M.P. 0.000) to Mayan Drive (M.P. 1.632) in accordance with the plans attached as Exhibit B.
2. The **AGENCY** shall agree to maintain the landscape improvements in the Inclusive Agreement described above and as provided in accordance with the Maintenance Plan, attached as Exhibit C.
3. The **AGENCY** agrees to enter into a contract to have installed said landscape improvements for an amount as indicated in Exhibit D not to exceed **\$180,000.00**.
4. This Amendment Number Five (5) shall also add the Maintenance Memorandum of Agreement for State Road A1A (N.E. 17th Street Causeway) from West of US 1 to Cordova Road (M.P. 0.311), Resolution No. 05-224 dated December 20, 2005 and executed March 20, 2006 to the list of agreements that are superseded in Exhibit E of the original Inclusive Agreement for State Road A1A dated January 31, 2008.

5. This Amendment shall also add the Letter of Commitment dated, November 26, 2008 for Permit Number 08K-491-0132, located along State Road A1A (North Atlantic Boulevard) from Bayshore Drive (M.P.2.64) to Riomar Street (M.P.2.71) for Specialty Pavers. Permit No. 08-K-491-0132, at the Capri at Fort Lauderdale Beach as attached as Exhibit E.

6. E-VERIFY REQUIREMENTS

AGENCY shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;

- (1) Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Agency during the term of the contract; and
- (2) Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Agency term.

Except as modified by this amendment, all terms and conditions of the Agreement shall remain in full force and effect.

**Exhibits**

Exhibit A - LANDSCAPE IMPROVEMENTS LIMITS AND MAINTENANCE BOUNDARIES

Exhibit B - LANDSCAPE IMPROVEMENT PLANS

Exhibit C - MAINTENANCE PLAN FOR LANDSCAPE IMPROVEMENTS

Exhibit D - APPROXIMATE COST FOR LANDSCAPE IMPROVEMENTS

Exhibit E - PERMIT COMMITMENT LETTER

In Witness whereof, the parties hereto have executed with this Amendment effective the 4<sup>th</sup> day March year written and approved.

IN WITNESS WHEREOF, this Agreement is to be executed below for the purposes specified herein. Authorization has been given to enter into and execute this Agreement by Resolution No. 13-18, hereto attached.

WITNESSES:

Jeanette A. Johnson  
Jeanette A. Johnson  
Clara Pineda  
Clara Pineda

(SEAL)

CITY OF FORT LAUDERDALE  
By: [Signature]  
JOHN 'JACK' SEILER, Mayor

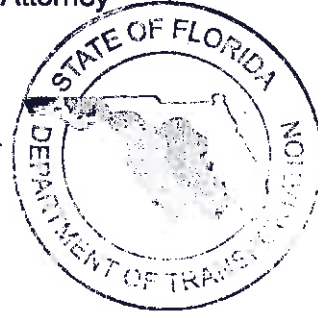
By: [Signature]  
LEE R. FELDMAN, City Manager

ATTEST:  
[Signature]  
JONDA K. JOSEPH, City Clerk

Approved as to Form:  
[Signature]  
Assistant City Attorney

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
By: [Signature]  
Director of Transportation Development

Date



Attest: [Signature] (SEAL)  
Executive Secretary

Approved as to Form  
[Signature]  
Office of the General Counsel

3/1/13  
Date

**SECTION NO:** 86180  
**S.R. NO.(S):** A1A  
**COUNTY:** Broward  
**FM NO.(S):** 431108-1-58-01

**EXHIBIT A**

**LANDSCAPE IMPROVEMENTS LIMITS AND  
MAINTENANCE BOUNDARIES**

**I. LOCATION OF ADDITIONAL LIMITS OF LANDSCAPE MAINTENANCE:**

**State Road A1A (S.E. 17th Street Causeway) from State Road 5  
(US 1) (M.P. 0.00) to Mayan Drive (M.P. 1.632)**

**II. INCLUSIVE LIMITS OF LANDSCAPE IMPROVEMENTS MAINTENANCE  
FOR THE ROADWAY:**

**State Road A1A: From State Road 5 (US 1) (M.P. 0.000) (Section  
86180000) (US 1) to Flamingo Avenue (M.P. 6.410) (Section 860500000)**

**By Individual Sections:**

**Southbound One Way (section 86050100):  
M.P. (0.000) (Seville Street) to (M.P. 0.926) (Bahia Mar Hotel Entrance)**

**Northbound One Way / Seabreeze Boulevard / 17th Street Causeway  
(Section 8618000)  
(M.P. 0.000) State Road 5 (US 1) to (M.P. 2.964) (State Road 842) (Las  
Olas Boulevard)**

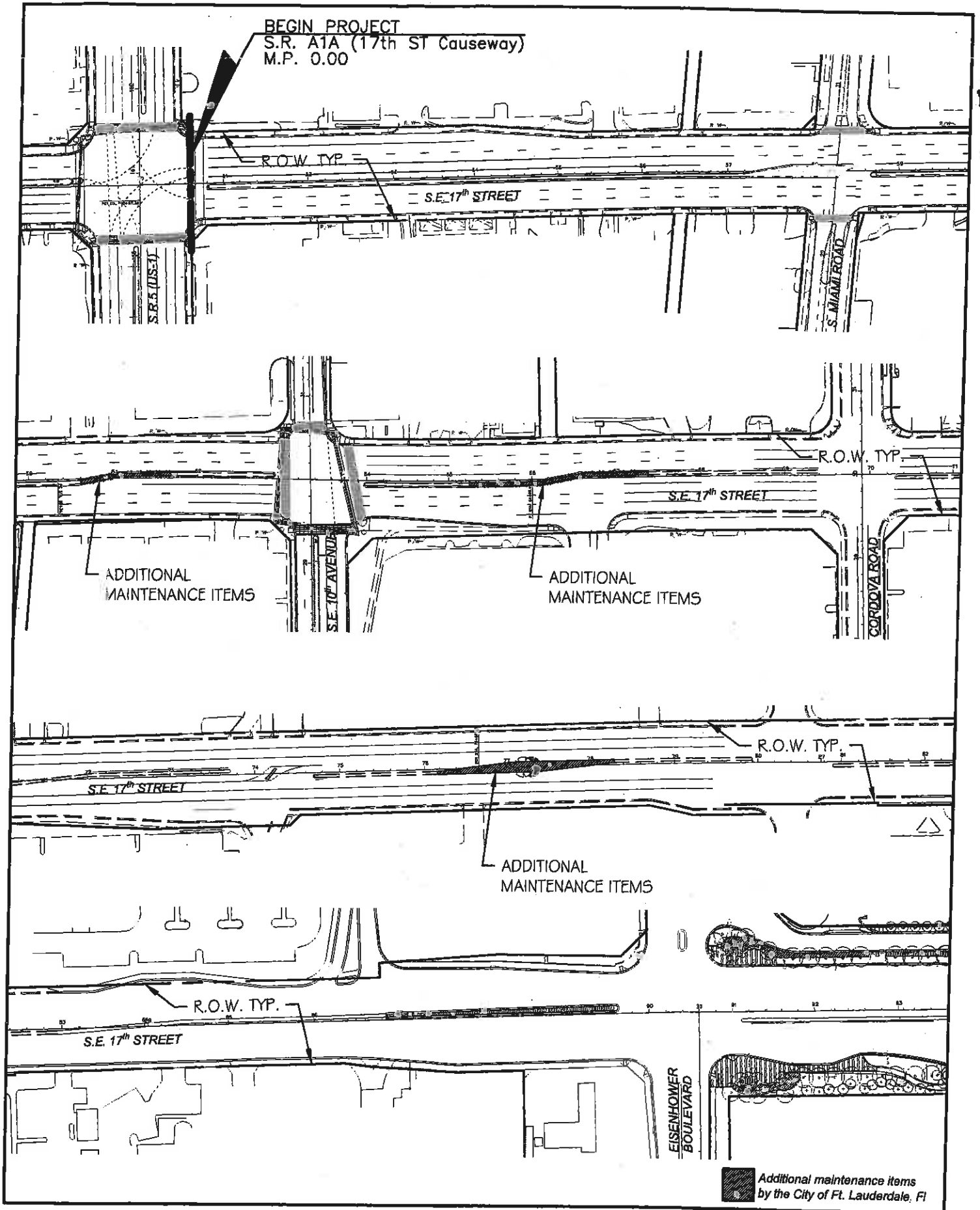
**North Fort Lauderdale Beach Area (Section 86050000):  
(M.P. 2.039) (south of Poinsettia Street) to (M.P. 6.410) (Flamingo Dive)**

**III. LANDSCAPE IMPROVEMENTS MAINTENANCE MAP FOR THIS  
ROADWAY PROJECT:**

**(All maintenance boundaries of original agreement apply)**

***Please See Attached***

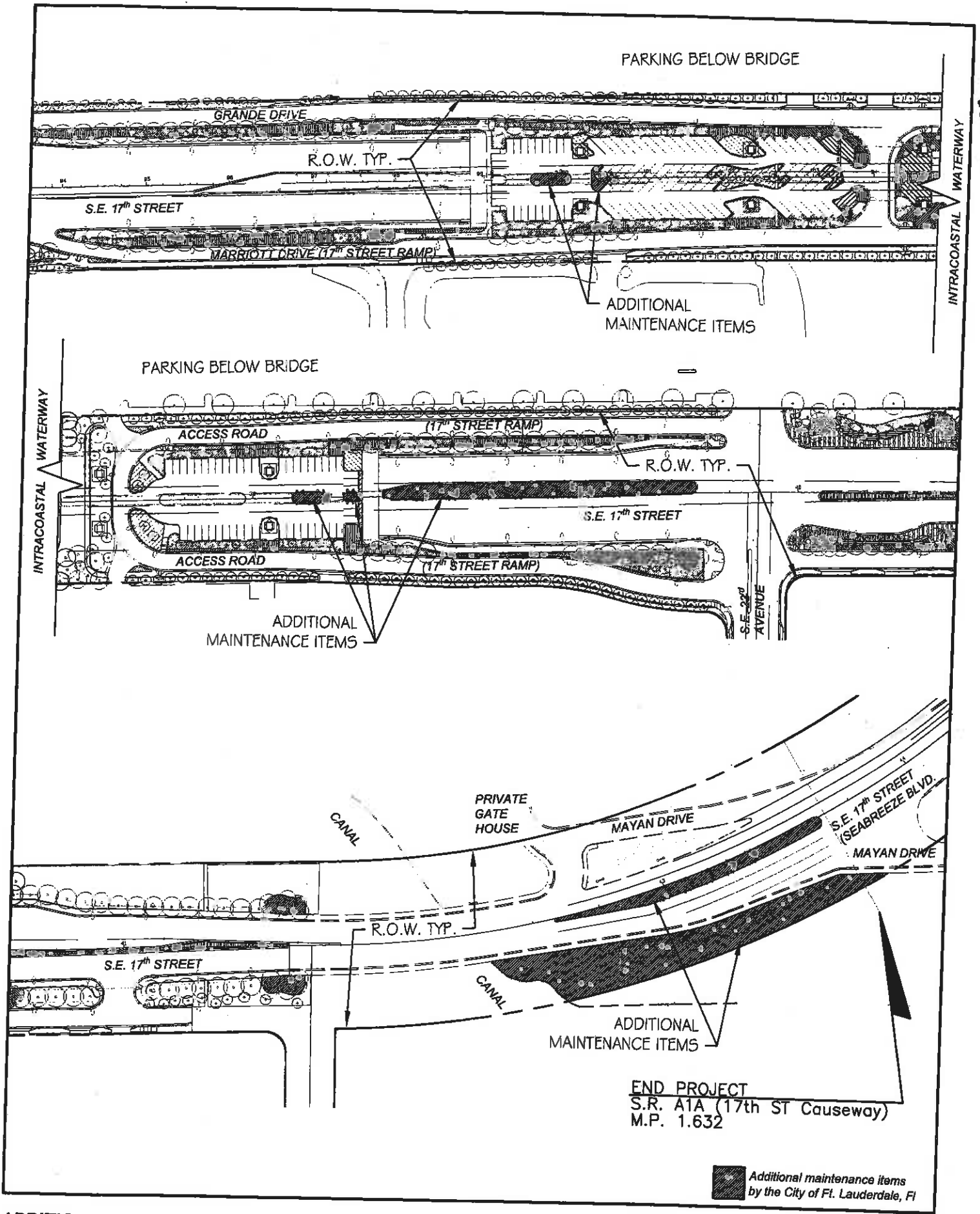
BEGIN PROJECT  
S.R. A1A (17th ST Causeway)  
M.P. 0.00



Additional maintenance items  
by the City of Ft. Lauderdale, FL

**ADDITIONAL MAINTENANCE ITEMS PLAN**  
S.R. A1A (17<sup>th</sup> CAUSEWAY)  
FROM S.R. 5 (FEDERAL HIGHWAY - M.P. 0.00) TO MAYAN DR. (M.P. 1.632)

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**  
F.P.I: 431108-1-58-01



**ADDITIONAL MAINTENANCE ITEMS PLAN**  
 S.R. A1A (17<sup>th</sup> CAUSEWAY)  
 FROM S.R. 5 (FEDERAL HIGHWAY - M.P. 0.00) TO MAYAN DR. (M.P. 1.632)

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**  
 F.P.I: 431108-1-58-01

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID: 431108-1-58-01

(FEDERAL FUNDS)

BROWARD COUNTY (8618000)

STATE ROAD NO. A1A

LANDSCAPE PLANS

S.R. A1A (17<sup>th</sup> CAUSEWAY)  
FROM S.R. 5 (FEDERAL HIGHWAY - M.P. 0.00)  
TO MAYAN DR. (M.P. 1.632)

INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
	COVER SHEET
1	TRAFFIC CONTROL PLAN
2	OVERALL KEY PLAN
3-4	PLANTING SCHEDULE & NOTES
5-16	LANDSCAPE PLANS
17	IRRIGATION NOTES & SCHEDULE
18 - 27	IRRIGATION PLANS
28 - 29	IRRIGATION DETAILS

GOVERNING STANDARDS AND SPECIFICATIONS.

Florida Department of Transportation, 2013 Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

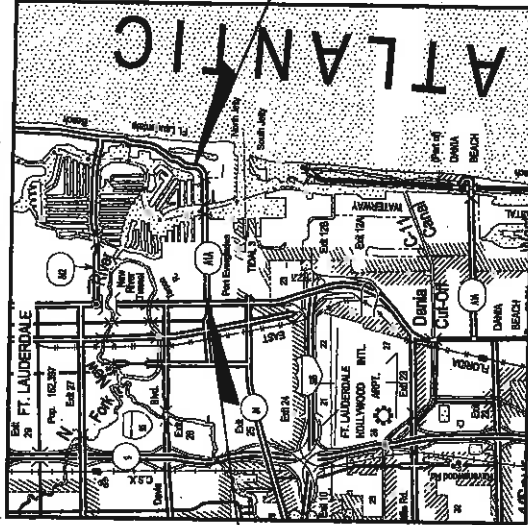
For Design Standards click on the "Design Standards" link at the following web site:  
<http://www.dot.state.fl.us/design/>

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/specifications/>

S.R. A1A DESIGN SPEED: 35 MPH.

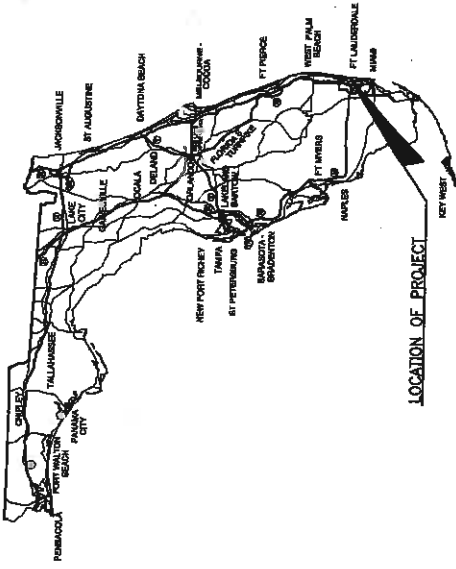
MAINTAINING AGENCY: CITY OF FT. LAUDERDALE

Contact: Thomas White, ASLA-ISA  
Landscape Architect - Certified Arborist  
CITY OF FORT LAUDERDALE PARKS AND RECREATION  
1380 West Broward Boulevard  
Fort Lauderdale, Florida 33312  
954-828-5350  
thomasw@fortlauderdale.gov



BEGIN PROJECT  
S.R. A1A (17th St Causeway)  
M.P. 0.00

END PROJECT  
S.R. A1A (17th St Causeway)  
M.P. 1.632



LOCATION OF PROJECT

PLANS PREPARED BY:



Carlin, Giandomino & Associates, Inc.  
EXCEPTIONAL SOLUTIONS  
1380 West Broward Boulevard  
Fort Lauderdale, Florida 33312  
Phone: 954.871.3771  
Conditions of Preparation: L200002030  
Folio: 101-10000-0001

NOTE: THE SCALE OF THESE PLANS MAY  
HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

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

R.L.A. NO.: LICENSE NO. 1176

FISCAL YEAR	2013
SHEET NO.	-

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

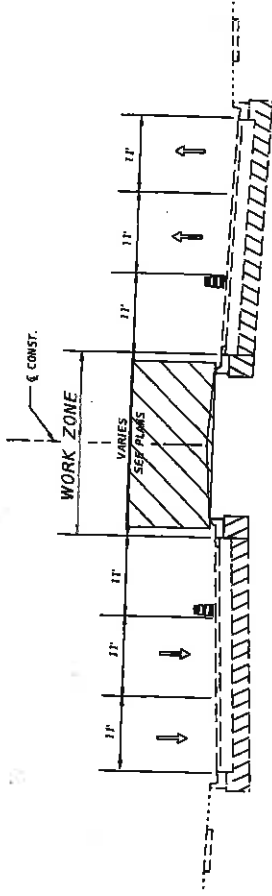
US25: nrmw4000

11/29/2012 15:56:47 P:\P\Projects\2012\125311 SE 17 St Causeway Beautification - 2010 File Drawings\25311-COVER.dwg

NOV. 29, 2012

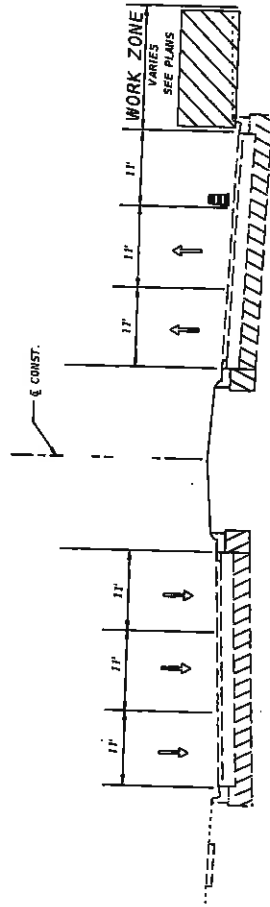
TRAFFIC CONTROL PLAN - GENERAL NOTES

- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FOOT DESIGN STANDARDS DATED 2012/2013, INDEX 600 SERIES, MUTCD 2009 AND PROJECT PLANS.
- THE REGULATORY SPEED LIMIT FOR S.R. AVALON ST. CAUSEWAY DURING CONSTRUCTION SHALL BE MAINTAINED AT THE EXISTING POSTED SPEED OF 35 MPH.
- EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE PROJECT ADMINISTRATOR.
- THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT NAME AND NUMBER.
- 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.
- 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.
- ALL LANES ON SR AVALON ST. CAUSEWAY 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.
- 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.
- AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSING CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANES) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- 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.
- CONTRACTOR TO COORDINATE WORK AREAS WITHIN THE PARKING LOTS UNDER THE BRIDGE WITH THE CITY OF FORT LAUDERDALE PARKING SERVICES.



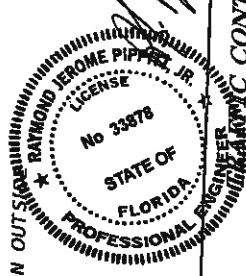
FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613 AND 616.

WORK IN MEDIAN



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

WORK ON OUTSIDE OF BRIDGE TRAFFIC CONTROL PLAN



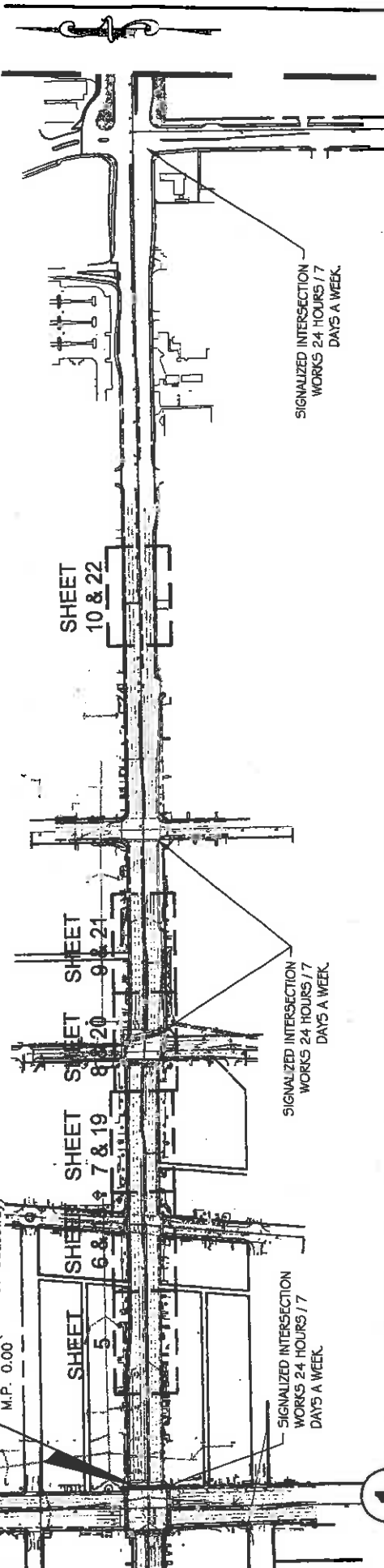
Engineer of Record: Raymond J. Pippel, PE No. 33878  
 Calvin, Gaudino & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1100 W. 15th Ave., Suite 600, Fort Lauderdale, Florida 33318  
 Phone: 954-521-1887  
 Fax: 954-521-1887  
 Vendor ID: No. BS-001-281

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

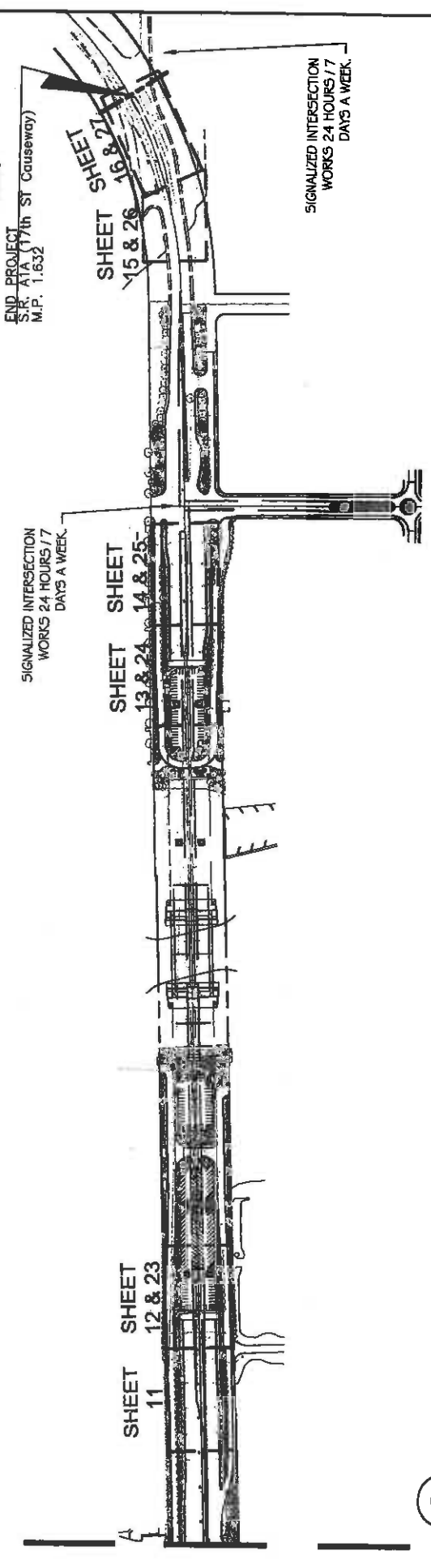
ROAD NO.	PROJECT ID
ALA	43108-1-58-01
COUNTY	FINANCIAL PROJECT ID
BROWARD	
DATE	11/28/2012 5:09:03 PM
SHEET NO.	7

11/28/12





**1 EAST OF EISENHOWER TO US-1**



**2 WEST OF EISENHOWER**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

		LANDSCAPE ARCHITECT OF RECORD: MICHAEL COWLEY, C.A.A. Calvin Cowley Associates, Inc. 1100 S.W. 8th Ave., Suite 400, Fort Lauderdale, FL 33315 Phone: 561.771.7791 Fax: 561.341.1944 Website: www.mcaonline.com Certificate of Registration LCR0000059 U.S.D.C. Registration No. 112550801379	S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	ROAD NO. A1A	COUNTY BROWARD	FINANCIAL PROJECT ID 431108-1-58-01	SHEET NO. <b>2</b>
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OVERALL KEY PLAN

NOV. 29, 2012  
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# 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 13 TO 16		GRAND TOTAL	
											13	14	15	16	17	18	19	20	21	22
N/A	N/A	CNG	Cocos nucifera	Coconut Palm	10'-15' C.T.	N/A	25' O.C.	EA.	Yes	EA.										
N/A	N/A	PDM	Phoenix dactylifera 'Medjool'	Medjool Date Palm	22' C.T.	N/A	25' O.C.	EA.	Yes	EA.	3									
N/A	N/A	PDF	Phoenix dactylifera 'Medjool'	Medjool Date Palm	20' C.T.	N/A	N/A	EA.	Yes	EA.		10								
N/A	N/A	FE5	Phoenix dactylifera 'Medjool'	Medjool Date Palm	14'-24' C.T.	N/A	N/A	EA.	Yes	EA.										
N/A	N/A	REL	Roystonia elata	Florida Royal Palm	20' G.W.	N/A	25' O.C.	EA.	Yes	EA.	3									
N/A	N/A	BRO	Aechmea blanchetiana 'Orataje'	Orange Bromeliads	3 Gal., 15" Ht.	18" Ht.	24" O.C.	EA.	Yes	EA.										
N/A	N/A	CE5	Conocarpus erectus 'Sonus'	Silver Button Wood	3 Gal., 24" Ht.	36" Ht.	24" O.C.	EA.	Yes	EA.										
N/A	N/A	FMG	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., 15" Ht.	18" Ht.	18" O.C.	EA.	Yes	EA.										
N/A	N/A	HYM	Hymenocallis latifolia	Spider Lily	3 Gal., 15" Ht.	30" Ht.	24" O.C.	EA.	Yes	EA.										
N/A	N/A	NEH	Microsorium scolopendrium	Wart Fern	3 Gal., 15" Ht.	24" Ht.	18" O.C.	EA.	Yes	EA.	30									
N/A	N/A	SAT	Schefflera arborescens 'Tiramite'	Var. Arborescens	3 Gal., 24" Ht.	36" Ht.	24" O.C.	EA.	Yes	EA.										
N/A	N/A	RHI	Rhipidolpis indica	Indian Hawthorn	3 Gal., 15" Ht.	18" Ht.	24" O.C.	EA.	Yes	EA.										
N/A	N/A	SSF	St. Augustine floratum 'SOD'	St. Augustine SOD	N/A	N/A	N/A	EA.	Yes	S.F.	678									
N/A	N/A	N/A	1 Year Warranty/Maintenance									2,280								
															1,575					
																2,700				
																7,200				
																				6,550

## PLANTING NOTES:

### GENERAL:

- STATE LAW MANDATES CONTACTING "SUNSHINE STATE ONE-CALL OF FLORIDA, INC." AT 811 OR 1-800-432-4770, AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE DONE TO FOOT PROPERTY DURING DEMOLITION, RELOCATION AND/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE.
- CONTRACTOR SHALL CONTACT FOOT OPERATIONS FOR DIRECTION AS TO THE DISPOSAL OF EXCAVATED FILL, BROWARD OPERATIONS: CONTACT ANTONIO CASTRO AT (954) 958-7671.
- CONTRACTOR SHALL MAINTAIN CLEAR SIGHT AT MEDIAN OPENINGS FOR VEHICLES TURNING ACROSS ONCOMING TRAFFIC, AS DEFINED PER FOOT INDEX 546, EXCEPT WHERE SIGNALIZED INTERSECTIONS THAT DO NOT GO FLASHING.
- CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEAR ZONE, AS DEFINED PER FOOT INDEX 700.

- CONTRACTOR SHALL INSTALL PLANT MATERIAL AS DETAILED IN FOOT INDEX 544 LANDSCAPE INSTALLATION.
- LANDSCAPE INSTALLATION SHALL COMPLY WITH CURRENT FOOT STANDARD SPECIFICATIONS 580 AND ANY APPLICABLE UPDATES.
- FOOT INDEX CAN BE FOUND AT THE FOLLOWING WEBSITE: <http://www.dot.state.fl.us/roadsdesign/DesignStandards/standards.shtml>
- CYPRESS MULCH IS NOT PERMITTED ON FOOT RIGHT OF WAY. CONTRACTOR SHALL PROVIDE 3" RECYCLED MULCH CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FOOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.

DATE	REVISIONS	DESCRIPTION

**EXCEPTIONAL SOLUTIONS**  
 14000 S.W. 44th Ave., Suite 400, Fort Lauderdale, Florida 33324  
 Phone: 954.571.7791 Fax: 954.571.8007  
 (954) 958-7671  
 Website: www.esolutions.com

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

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 USER: rmmndocz  
 11-29-12

## PLANTING SCHEDULE & NOTES

SHEET NO. 4

NOV 29 2012

MATCH LINE - SEE SHEET 6 FOR CONTINUATION

S.E. 17<sup>th</sup> STREET

TO S.R. 5 (U.S. 1)

TO S. MIAMI ROAD

NO IMPROVEMENTS THIS SHEET

54

55

56



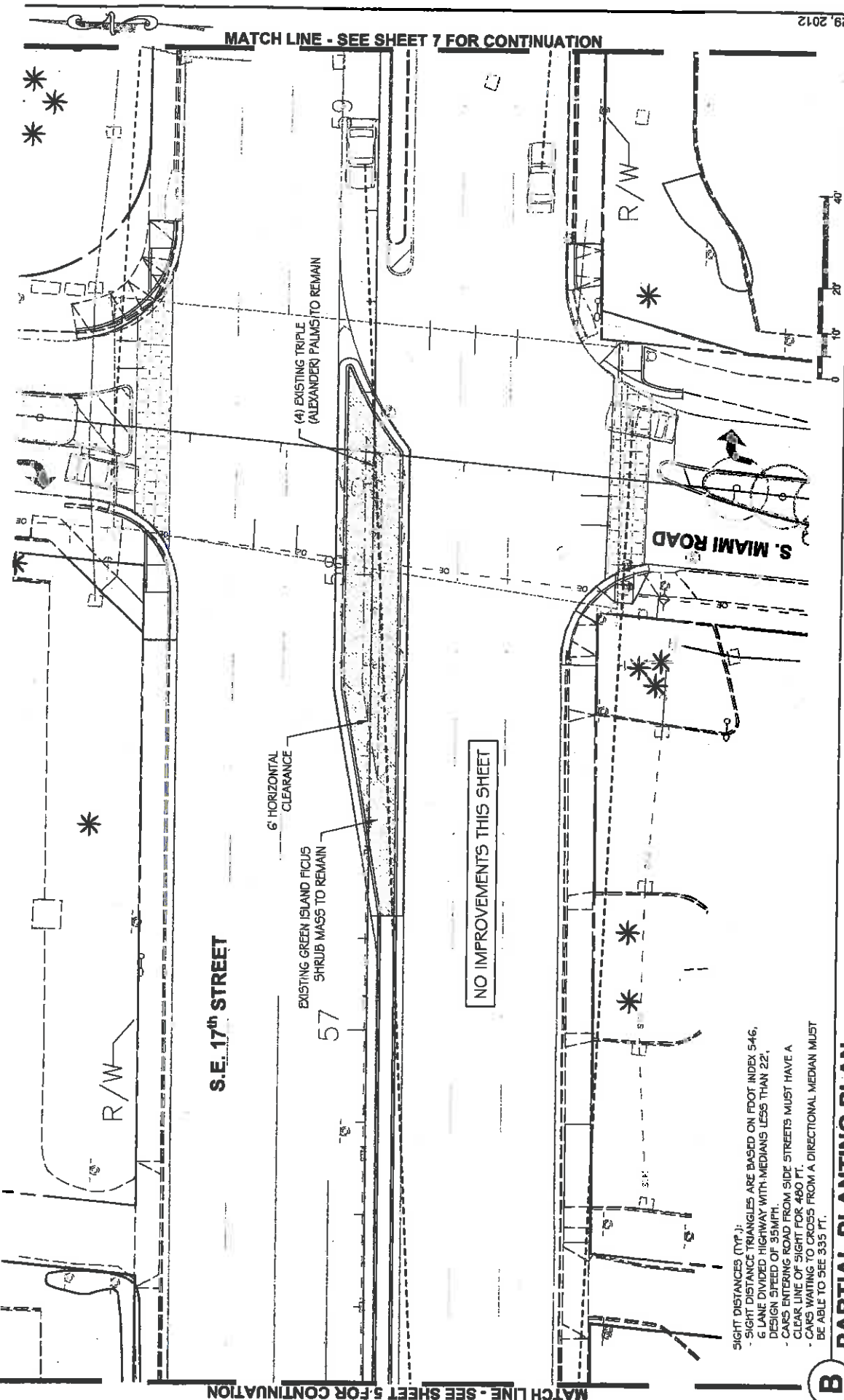
**A PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL LOWMYER, S.L.A.  
 Exceptional Solutions, Inc.  
 1000 Bay Drive, Suite 400, Fort Lauderdale, Florida 33316  
 Phone: 954.331.7791 Fax: 954.671.8971  
 WWW.EXCEPTIONALDESIGN.COM  
 USER: mlowmyer

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	FINANCIAL PROJECT ID
A1A	431108-1-58-01
COUNTY	
BROWARD	

LANDSCAPE PLAN  
 11-29-12  
 5



MATCH LINE - SEE SHEET 7 FOR CONTINUATION

S.E. 17<sup>th</sup> STREET

6' HORIZONTAL CLEARANCE

EXISTING GREEN ISLAND FICUS SHRUB MASS TO REMAIN

(4) EXISTING TRIPLE (ALEXANDER) PALMS TO REMAIN

NO IMPROVEMENTS THIS SHEET

S. MIAMI ROAD



- SIGHT DISTANCES (TYP.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546.
  - 6 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 480 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.

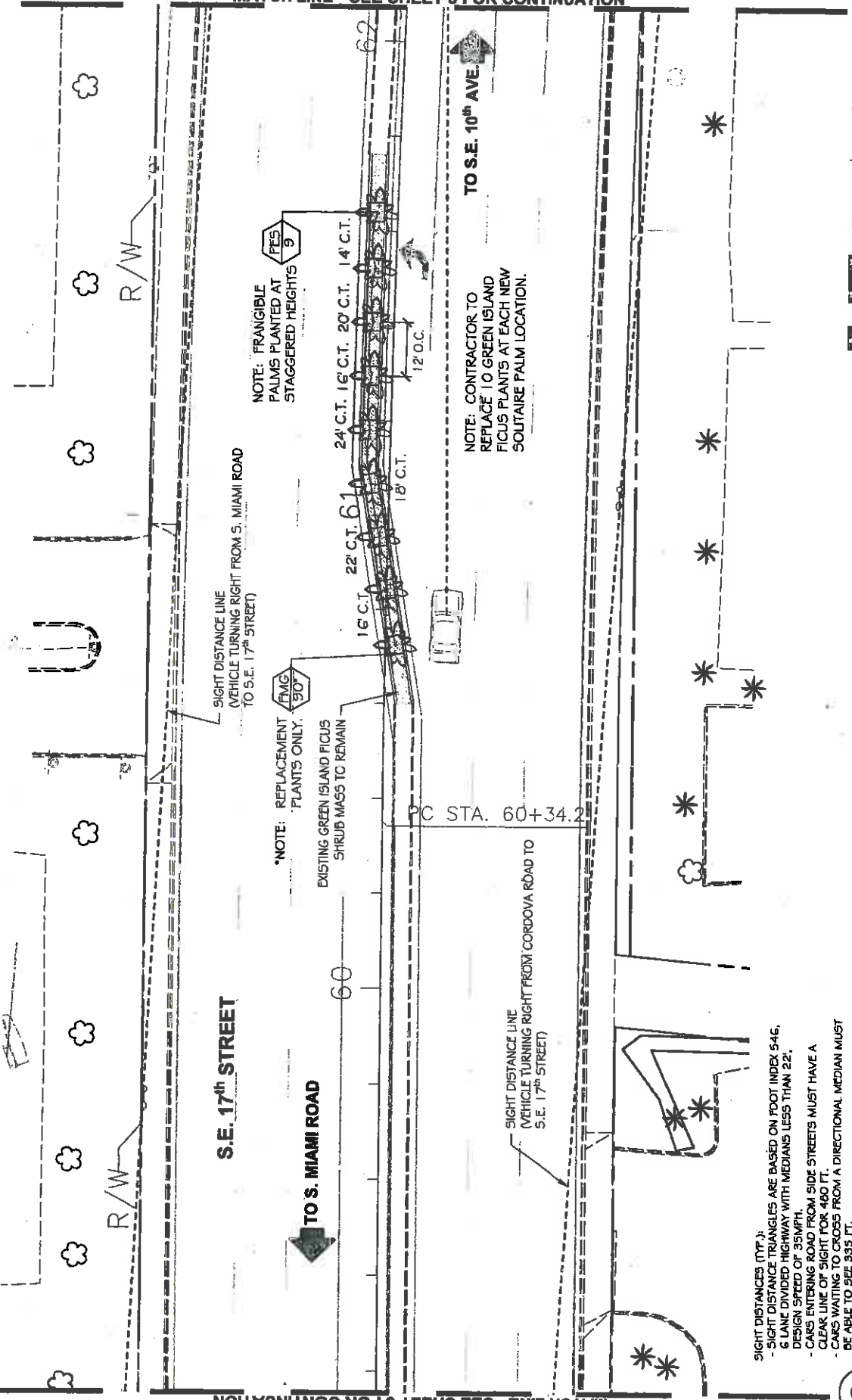
**B PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
		<p>LANDSCAPE ARCHITECT OF RECORD: CALM, CHRISTIAN &amp; ASSOCIATES, P.L.L.C.          1400 Biscayne Blvd, Suite 1000, Fort Lauderdale, Florida 33309          Phone: 954.571.2711 Fax: 954.571.9907          E-mail: info@calmca.com          USER: mmmmmmm</p>		
<p>S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</p>		<p>FINANCIAL PROJECT ID</p>		
ROAD NO.	COUNTY	<p>FINANCIAL PROJECT ID</p>		
A1A	BROWARD	<p>431108-1-58-01</p>		
<p>11/29/2012 3:00:56 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CAD Files\Drawings\125311-1100-PLANTING_PLANS.dwg</p>		<p>NOV. 29, 2012</p>		
<p>LANDSCAPE PLAN 11-29-12</p>				<p>SHEET NO. 6</p>

MATCH LINE - SEE SHEET 8 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 7



NOTE: FRANGIBLE PALMS PLANTED AT STAGGERED HEIGHTS



\*NOTE: REPLACEMENT PLANTS ONLY. EXISTING GREEN ISLAND FICUS SHRUB MASS TO REMAIN

TO S.E. 10<sup>th</sup> AVE

NOTE: CONTRACTOR TO REPLACE TO GREEN ISLAND FICUS PLANTS AT EACH NEW SOLITAIRE PALM LOCATION.

PC STA. 60+34.2

SIGHT DISTANCE LINE (VEHICLE TURNING RIGHT FROM CORDOVA ROAD TO S.E. 17<sup>th</sup> STREET)

- SIGHT DISTANCES (FT.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546, 6 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 535 FT.

**C PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	FRANCIAL PROJECT ID
A1A	431108-1-56-01
COUNTY	
BROWARD	

LANDSCAPE PLAN

11-29-12

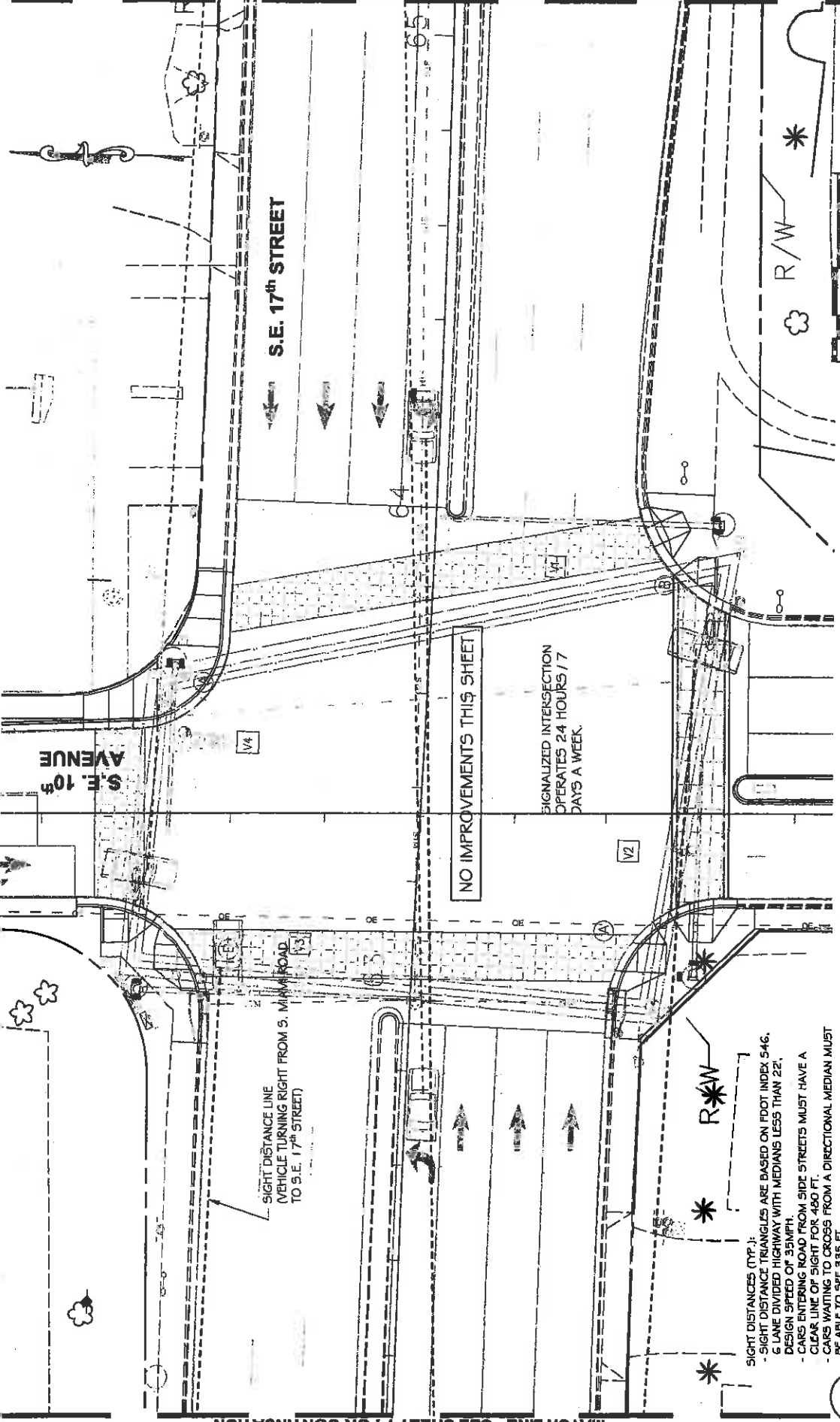
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MATCH LINE - SEE SHEET 9 FOR CONTINUATION

NOV 29 2012

SHEET NO. 8



MATCH LINE - SEE SHEET 7 FOR CONTINUATION

**D PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

**EXCEPTIONAL SOLUTIONS, INC.**  
 1500 Blue Ridge Lane, Suite 400, Fort Lauderdale, Florida 33411  
 Phone: 954.971.7731 Fax: 954.931.7297  
 10800 W. 11th Ave., Suite 100, Miramar, FL 33025  
 USER: miramdozza

ROAD NO.	A1A	COUNTY	BROWARD	FINANCIAL PROJECT ID	431108-1-58-01
<b>S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</b>					

*Michael D. ...*  
**LANDSCAPE PLAN**  
 11-29-12

MATCH LINE - SEE SHEET 8 FOR CONTINUATION

S.E. 17<sup>th</sup> STREET

TO S.E. 10<sup>th</sup> AVE.

NOTE: FRANGIBLE PALMS PLANTED AT STAGGERED HEIGHTS

EXISTING GREEN ISLAND FICUS SHRUB MASS TO REMAIN

18' C.T. 24' C.T. 16' C.T. 22' C.T. 12.5' O.C. 14' C.T.

SIGHT DISTANCE LINE (VEHICLE TURNING LEFT AT CORDOVA ROAD MEDIAN OPENING HEADING SOUTH)

TO CORDOVA ROAD

NOTE: CONTRACTOR TO REPLACE 10 GREEN ISLAND FICUS PLANTS AT EACH NEW SOLITAIRE PALM LOCATION.

\*NOTE: REPLACEMENT PLANTS ONLY.

14' C.T. 16' C.T. 20' C.T. 20' C.T. 24' C.T. 24' C.T.

- SIGHT DISTANCES (TYP.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FDOT INDEX 546.
  - 6 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 400 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.



**E PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL GONZALES, R.L.A.  
 GONZALES & ASSOCIATES, INC.  
 EXCEPTIONAL SOLUTIONS  
 1800 Blue Drive, Suite 400, Fort Lauderdale, Florida 33314  
 Phone: 954.527.7791 Fax: 954.527.1897  
 CADD FILE: 11/29/2012 3:01:19 PM P:\Projects\2012\1725311 SE 17 ST Causeway Beautification Grant\CADD File\Drawings\1725311-LT00-PLANTING\_PLANS.dwg  
 USER: mgonzales

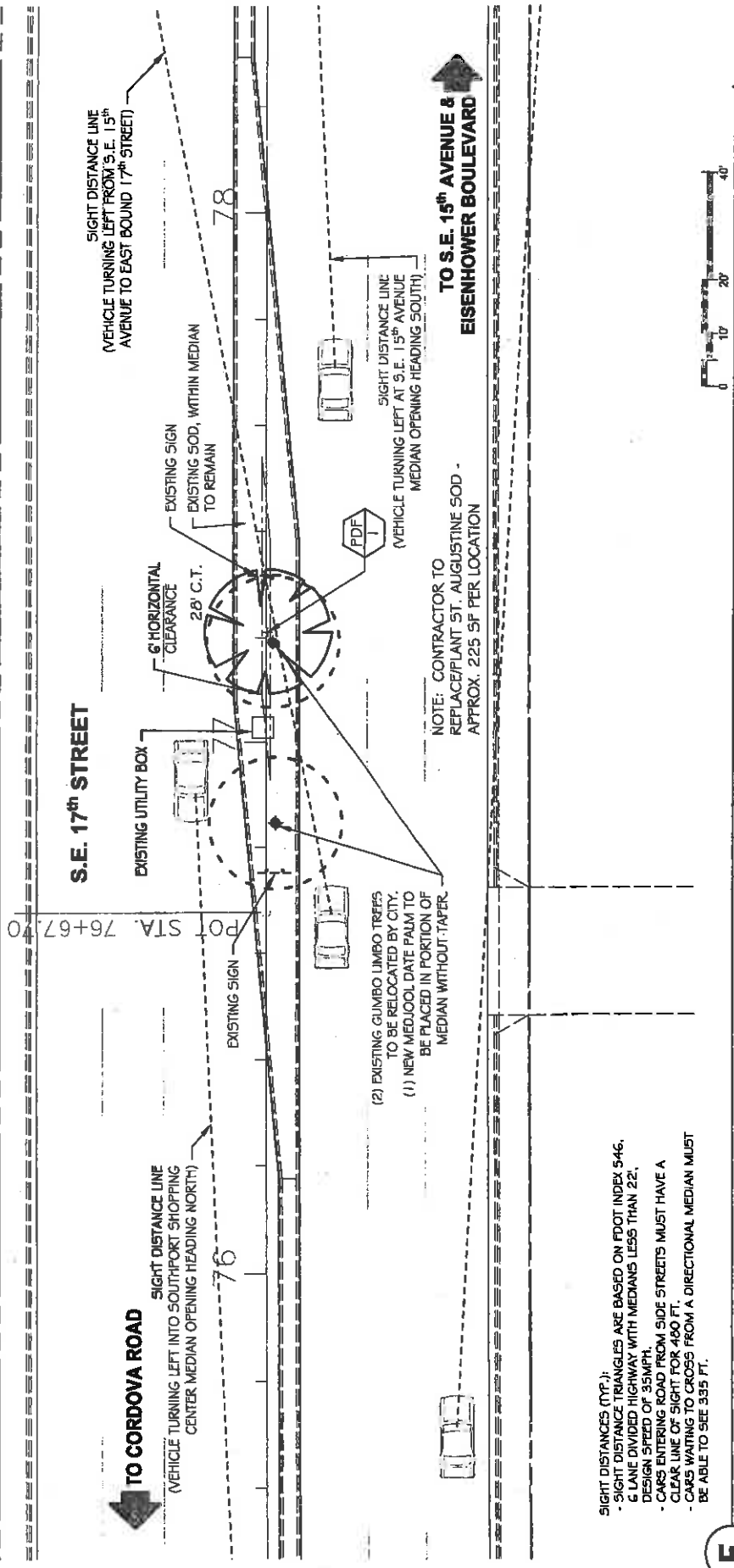
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT		FINANCIAL PROJECT ID
ROAD NO.	COUNTY	
A1A	BROWARD	431108-1-58-01

SHEET NO. 9

LANDSCAPE PLAN 11-29-12

NOV. 29, 2012





**TO CORDOVA ROAD**  
(VEHICLE TURNING LEFT INTO SOUTHPORT SHOPPING CENTER MEDIAN OPENING HEADING NORTH)

**S.E. 17th STREET**

**TO S.E. 15th AVENUE & EISENHOWER BOULEVARD**

NOTE: CONTRACTOR TO REPLACE PLANT ST. AUGUSTINE SOD APPROX. 225 SF PER LOCATION

- SIGHT DISTANCES (FT.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FDOT INDEX 546.
  - 6 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 480 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.

**F PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONWAY, R.L.A.  
 Calm, Glendora & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1400 Blue Oaks Blvd. For: Landscape, Arden 91118  
 Phone: 914.631.7711 Fax: 914.631.8867  
 California State License No. 10000  
 Licensee of Professional Landscape Architecture  
 USER: rmanand020

<b>S.P. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</b>		<b>FINANCIAL PROJECT ID</b>	
ROAD NO.	COUNTY	ROAD NO.	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01	

SHEET NO. **10**

**LANDSCAPE PLAN**

11/29/12

NOV. 29, 2012

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MATCH LINE - SEE SHEET 12 FOR CONTINUATION

GRANDE DRIVE

S.E. 17<sup>th</sup> STREET

TO EISENHOWER BOULEVARD

EXISTING SOD, WITHIN MEDIAN TO REMAIN

EXISTING CRINUM LILY TO REMAIN

EXISTING VARIEGATED GINGER LILY SHRUB MASS TO REMAIN

96

(9) EXISTING MEDJOL DATE PALMS TO REMAIN

6' HORIZONTAL CLEARANCE

NO IMPROVEMENTS THIS SHEET

TO 17<sup>th</sup> STREET BRIDGE

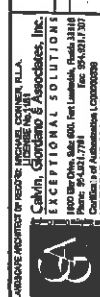
MARRIOTT DRIVE (17<sup>th</sup> STREET RAMP)

- SIGHT DISTANCES (FT.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546.
  - 6 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 490 FT.
  - CARS WANTING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.



**G PARTIAL PLANTING PLAN**

DATE	DESCRIPTION	DATE	DESCRIPTION



LANDSCAPE ARCHITECT BY LICENSE: IRRMCAE, COUNCIL, S.A.  
 Calvin, Giambardo & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1800 Bay Oaks, Suite 600, Fort Lauderdale, Florida 33304  
 Phone: 954.571.7788 Fax: 954.571.7307  
 CONTACT: CALVIN GIAMBARDO  
 LICENSE NO. 100000000  
 USER: rmmmd0200

S.R. A1A (SE 17<sup>th</sup> CAUSEWAY) BEAUTIFICATION GRANT  
 ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01

SHEET NO. 11

LANDSCAPE PLAN

11-29-12

GRANDE DRIVE

**PARKING BENEATH  
17th STREET BRIDGE**

NOTE: CONTRACTOR TO  
REPLACE PLANT ST. AUGUSTINE SOD  
APPROX. 225 SF PER LOCATION  
EXISTING VARIEGATED  
ARBOVICOLA TO REMAIN

EXISTING SOD, IN  
MEDIAN TO REMAIN

(1) EXISTING ROYAL  
PALM TO REMAIN  
(2) EXISTING FAN  
PALMS TO REMAIN

NOTE: CONTRACTOR TO REPLACE  
20 VARIEGATED ARBOVICOLA  
PLANTS AT NEW PALM LOCATION.

(1) EXISTING FAN  
PALM TO REMAIN  
(1) EXISTING FAN PALM TO  
BE RELOCATED BY CITY

REL

REL

20' G.W.

20' G.W.

SAT  
20'

NOTE:  
REPLACEMENT  
PLANTS ONLY.

TO INTRACOASTAL  
WATERWAY

MARIOTT DRIVE (17th STREET RAMP)

TO EISENHOWER  
BOULEVARD

6' HORIZONTAL CLEARANCE  
EXISTING INDIAN HAWTHORN  
SHRUB MASS TO REMAIN

(5) EXISTING MEDJOL DATE  
PALMS TO REMAIN

EXISTING SOD, WITHIN MEDIAN  
TO REMAIN

EXISTING CRinum LILY  
TO REMAIN

- SIGHT DISTANCES (TYP.):
- 6 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 400 FT.
- CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.

**H PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: JENNIFER L. CONNER, R.L.A.  
**Exceptional Solutions, Inc.**  
 14000 Bluebird, Suite 200, Fort Lauderdale, Florida 33308  
 Phone: 954.571.7781 Fax: 954.571.8807  
 Licenses of Registration: CS200000030  
 CS200000030  
 USER: mntlandscap

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

SHEET NO. **12**

LANDSCAPE PLAN 11-29-12

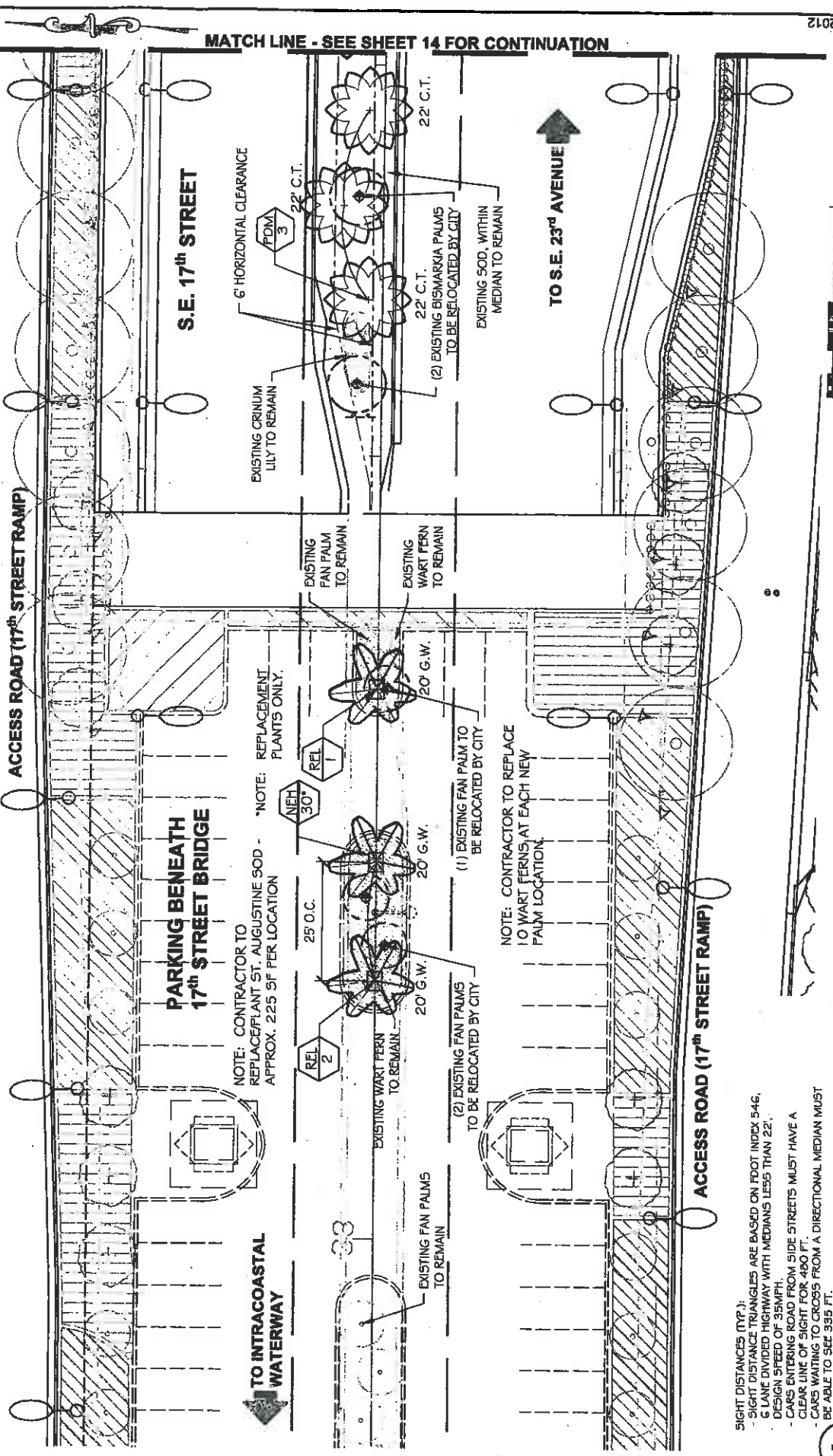
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MATCH LINE - SEE SHEET 11 FOR CONTINUATION

NOV. 29, 2012

MATCH LINE - SEE SHEET 14 FOR CONTINUATION



- SIGHT DISTANCES (TYP.):**
- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546.
  - 6 LANE DIVIDED HIGHWAY WITH MEDIANS LESS THAN 22'.
  - DESIGN SPEED OF 35 MPH.
  - CARS ENTERING ROAD FROM SIDE STREETS MUST HAVE A CLEAR LINE OF SIGHT FOR 450 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 355 FT.

# 1 PARTIAL PLANTING PLAN

DATE	REVISIONS	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL GARDNER, S.L.A.  
 Calm, Gardner & Associates, Inc.  
**EXCEPTIONAL SOLUTIONS**  
 1400 Biscayne Blvd. Suite 200 Fort Lauderdale, Florida 33315  
 Phone: (954) 571-7744 Fax: (954) 571-8797  
 License No. 25632  
 USBC: 0110000000

<b>S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</b>	
ROAD NO.	FINANCIAL PROJECT ID
A1A	431108-1-58-01
COUNTY	
BROWARD	

**LANDSCAPE PLAN**

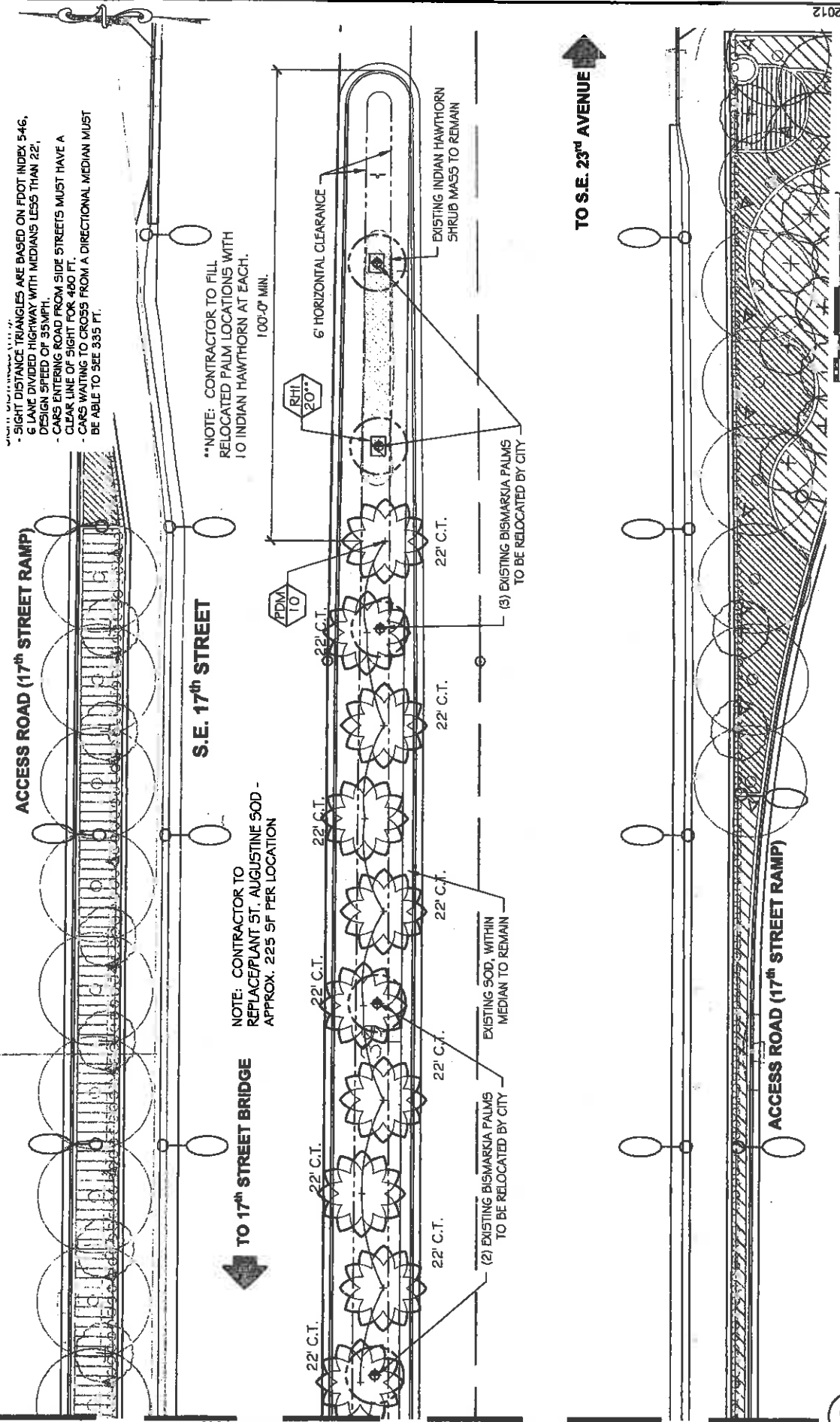
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170 D.C.

SHEET NO. **13**

**ACCESS ROAD (17<sup>th</sup> STREET RAMP)**

- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546.
- 6 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 400 FT.
- CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.



MATCH LINE - SEE SHEET 13 FOR CONTINUATION

**S.E. 17<sup>th</sup> STREET**

\*\*NOTE: CONTRACTOR TO FILL RELOCATED PALM LOCATIONS WITH 10 INDIAN HAWTHORN AT EACH. 100'-0" MIN.

NOTE: CONTRACTOR TO REPLACE/PLANT 5T. AUGUSTINE SOD - APPROX. 225 SF PER LOCATION

TO 17<sup>th</sup> STREET BRIDGE

TO S.E. 23<sup>rd</sup> AVENUE

**J PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION

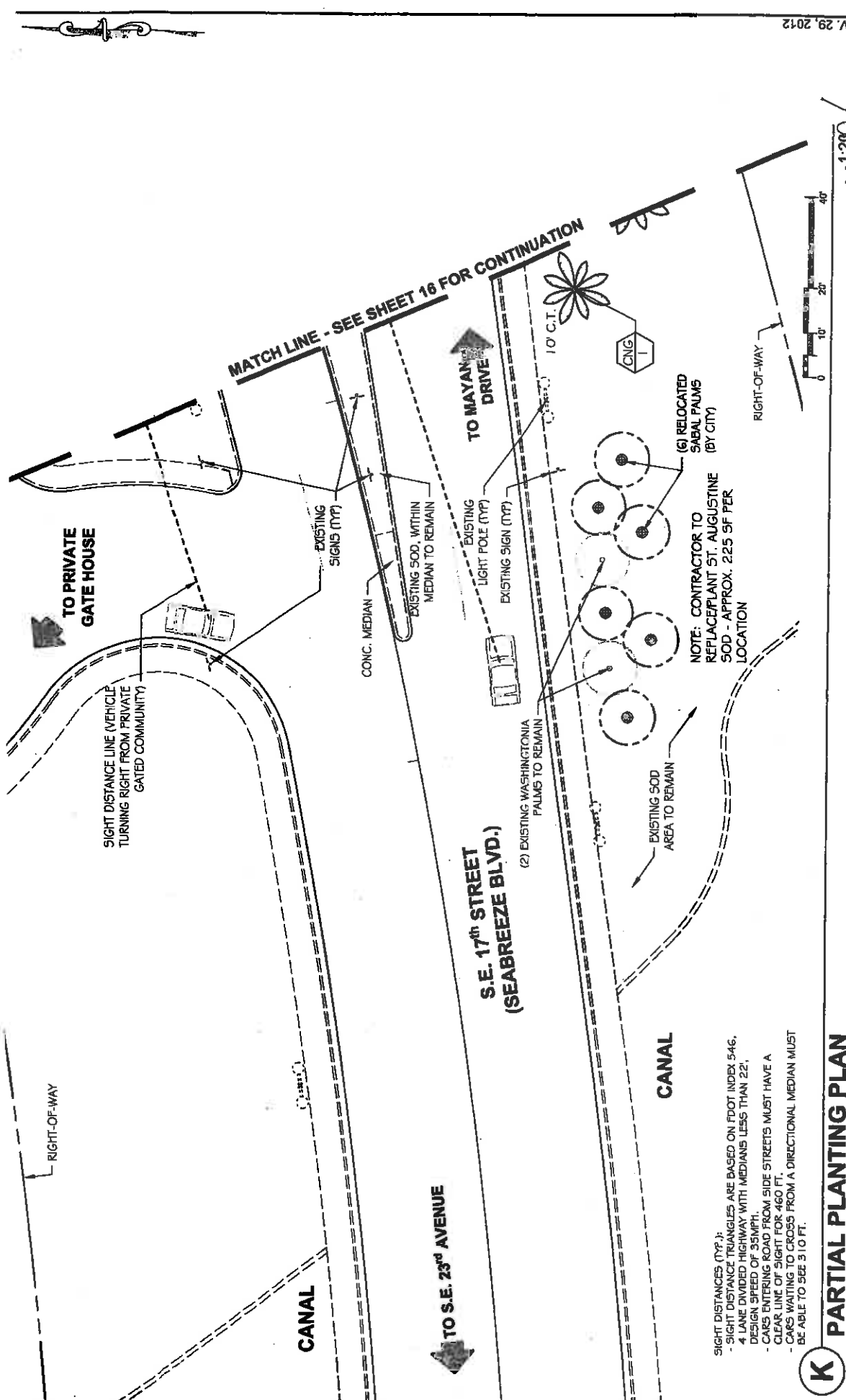
LANDSCAPE ARCHITECT OF RECORD: MICHAEL GARDNER, A.L.A.  
 Calvin, Gombano & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1400 Blue Oaks, Suite 500, Fort Lauderdale, Florida 33316  
 Phone: 954.971.7171 Fax: 954.971.8807  
 LICENSE NO. 04000000000000000000  
 USER: mmhendz

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	FINANCIAL PROJECT ID
ROAD NO. A1A	COUNTY BROWARD
PROJECT ID 431108-1-58-01	

NOV 29 2012

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**LANDSCAPE PLAN**

SHEET NO. 14



**SIGHT DISTANCES (NYT.):**

- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT 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.

**K PARTIAL PLANTING PLAN**

DATE	REVISIONS	DESCRIPTION

USDA: mmmalozoo

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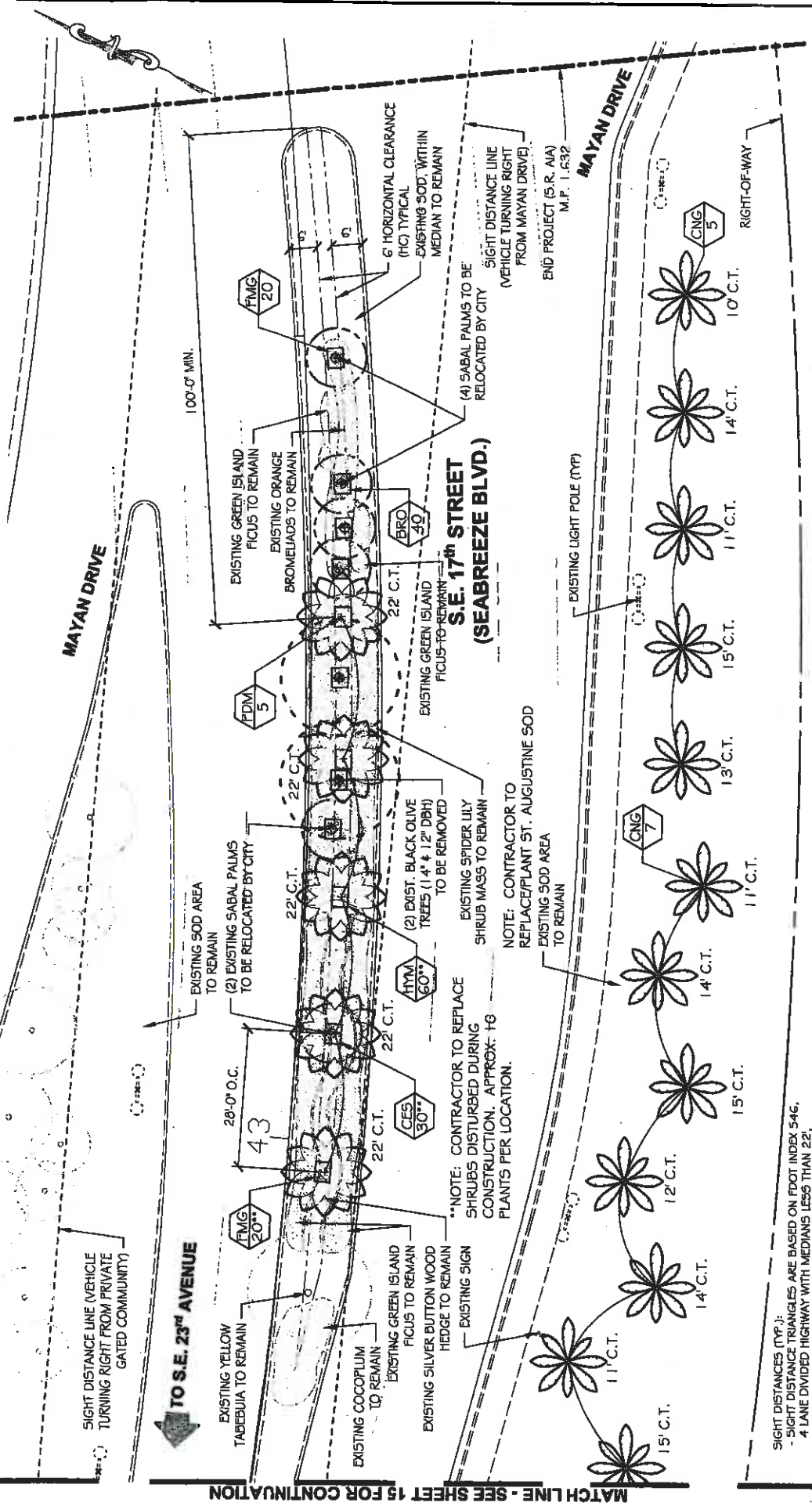
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT

ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01

**LANDSCAPE PLAN**

SHEET NO. 15

NOV 29, 2012

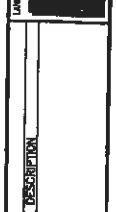


MATCH LINE - SEE SHEET 15 FOR CONTINUATION



**L PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION



LANDSCAPE ARCHITECT OF RECORD: MICHAEL CORNELL, R.L.A.  
 Calvin, Cornwall & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1400 SW 5th St. Suite 300 Fort Lauderdale, FL 33304  
 Phone: 954-571-7211 Fax: 954-571-7807  
 www.michaelcornell.com  
 C:\Users\michael\Documents\2012\1129\17th St Causeway Beautification Grant\CAAD File\Drawings\125311-1100-PLANTING\_PLAN15.rvt  
 USER: mihailov

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

S.R. A1A (SE 17 ST CAUSEWAY)  
 BEAUTIFICATION GRANT

**LANDSCAPE PLAN**

1:20  
 11-29-12

- SIGHT DISTANCES (TYP.):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546.
  - 4 LANE DIVIDED HIGHWAY WITH MEDIANS LESS THAN 22' DESIGN SPEED OF 35MPH.
  - CARS ENTERING ROAD FROM SIDE STREET'S MUST HAVE A CLEAR LINE OF SIGHT FOR 460 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 3 TO 10 FT.

**IRRIGATION / WATERING NOTES:**

**GENERAL:**

- CONTRACTOR SHALL COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & RECREATION (CONTACT TIM SOUTHBY 954-828-5394) PRIOR TO THE INSTALLATION OF ANY IRRIGATION EQUIPMENT.
- IRRIGATION PLANS ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL INSTALL ALL PIPE, VALVES, AND BUBBLERS IN LANDSCAPE AREAS AS DIRECTED IN DETAILS.
- CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, PIPES, OR OTHER EQUIPMENT NECESSARY FOR THE OPERATION AND AUTOMATIC WATERING OF ALL NEW & EXISTING PLANT MATERIAL WITHIN MEDIANS/K.O.W. IN WHICH THE SYSTEM WAS ORIGINALLY DESIGNED TO WATER.
- REPAIR OF ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS/HER EXPENSE.
- INSTALLATION OF LATERALS & BUBBLERS AROUND EXISTING TREES SHALL BE DONE 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 90H 40 OR PVC CLASS 200 PIPE WITH NEW PVC SCH40 FITTINGS. ALL JOINTS/FITTINGS SHALL BE SOLVENT WELD, UNLESS OTHERWISE SPECIFIED.
- CONTROL WIRE SHALL BE A MINIMUM OF 14 GAUGE OR MATCH EXISTING SPARE WIRES, IF AVAILABLE. IF A SPARE IS AVAILABLE CONTRACTOR SHALL CONNECT OTHER END OF SPARE IN TIMER/CONTROLLER DEVICE AND ASSURE SCHEDULE IS SET FOR ESTABLISHMENT PERIOD OF PALMS.
- CONTRACTOR SHALL COORDINATE CLOCK/CONTROLLER SETTINGS WITH THE CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT, AND PROVIDE THEM WITH A WRITTEN SCHEDULE. AS WELL AS PROVIDE THEM WITH AN AS-BUILT DRAWING SHOWING LOCATIONS OF BUBBLERS, 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:

**WATERING CONTRACT:**

- ALL NEW PLANT MATERIAL SHALL HAVE AN ESTABLISHMENT PERIOD OF 12 MONTHS FROM THE TIME OF FINAL ACCEPTANCE. DURING THE ESTABLISHMENT PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING ITEMS: WATERING FOR THE SCHEDULE ATTACHED# 1, 2, RE-SETTING OF PLANTS, REPLACEMENT OF SICK OR DEAD PLANTS, ALL OTHER CARE REQUIRED FOR PROPER GROWTH. ANY PLANT MATERIAL NOT IN HEALTHY GROWING CONDITION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CLIENT.
1. THE 12 MONTH WARRANTY/ESTABLISHMENT PERIOD SHALL BE EXTENDED BY 45 DAYS FOR ALL REPLACEMENT PLANT MATERIAL.
2. AT THE CLIENT'S EXPENSE, THE CONTRACTOR WILL REPLACE ANY PLANT MATERIAL DAMAGED AS A RESULT OF AUTOMOBILE ACCIDENTS OR "ACTS OF GOD" LIMITED TO HAIL, FREEZE, LIGHTNING, AND WINDS EXCEEDING 75 MPH AS DEFINED BY THE MIAMI HURRICANE CENTER.
1. WATERING CONTRACT SHALL BE INCLUDED IN CONTRACTORS BID FOR ANY PLANT MATERIAL THAT HAS BEEN ROOT PRUNED, INSTALLED, DISTURBED BY CONSTRUCTION, OR WHERE PROPOSED OR EXISTING IRRIGATION SYSTEMS ARE NOT FUNCTIONAL. ALL WARRANTIES SHALL BE IN PLACE BY CONTRACTOR REGARDLESS OF NON-OPERATIONAL IRRIGATION SYSTEMS OR AREAS WHERE NO IRRIGATION IS PROPOSED.

12. WATERING SCHEDULE (FIRST 6 MONTHS):  
 WEEK(S) FREQUENCY (WATERING DAYS)  
 1 THRU 6 MON., WED., FRI., SAT.  
 7 THRU 12 MON., WED., FRI.  
 13 THRU 24 MON., FRI.

\*6 MONTH WATERING SCHEDULE IS A MINIMUM. CONTRACTOR IS RESPONSIBLE FOR WATERING PLANT MATERIAL FOR THE FULL 12 MONTH ESTABLISHMENT/WARRANTY PERIOD.

**IRRIGATION SCHEDULE**

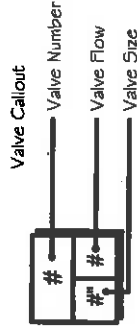
SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	QTY	GPM
☐	RAIN BIRD	1804-SAM-FRS-	1400 FLOOD	8	0.5
▲	RAIN BIRD	1804-SAM-FRS-	1400 FLOOD	39	

SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	QTY
⊕			EXISTING VALVE WITH BATTERY OPERATED TIME CLOCK	
⊖			EXISTING BACKFLOW DEVICE	
⊙			2" PRESSURE VACUUM BREAKER	
⊖			EXISTING IRRIGATION CONTROLLER	
⊖			EXISTING WATER METER	

RAIN BIRD PGA ANGLE: 1" ELECTRIC REMOTE CONTROL VALVE, INSTALLED IN A NEW CARSON 1419B VALVE BOX.

EXISTING IRRIGATION MAIN LINE/LATERAL/OR CONDUIT (LOCATION IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ACTUAL LOCATIONS OF UNDERGROUND IRRIGATION LINES AND UTILITIES, PRIOR TO BID.

IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21, SIZE PER PLAN



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



S.P. A1A (SEE 17 ST CAUSEWAY) BEAUTIFICATION GRANT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

**IRRIGATION NOTES & SCHEDULE**

SHEET NO.

17

USER: rmmw@cs.com

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MATCH LINE - SEE SHEET 19 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 18

CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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.

EXISTING IRRIGATION VALVES WITH BATTERY OPERATED CONTROLLER, 2" ANTI-SIPHON VACUUM BREAKER, AND METER (P.O.C.) LOCATED IN MEDIAN

EXISTING VALVE CONTROLS SPRAY HEADS IN MEDIANS (S.E. 17<sup>th</sup> STREET) BETWEEN S. MIAMI ROAD TO CORDOVA ROAD.

NO IMPROVEMENTS THIS SHEET

S.E. 17<sup>th</sup> STREET

S. MIAMI ROAD

**B** PARTIAL IRRIGATION PLAN

1:20



S.R. A1A (SE 17<sup>th</sup> ST CAUSEWAY) BEAUTIFICATION GRANT

ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01



UNIMPROVED ARCHITECT OF RECORD: HUGHES CONWAY & R.L.A. Calvin, Grandino & Associates, Inc. EXCEPTIONAL SOLUTIONS 1800 NW 24th St, Suite 200, Fort Lauderdale, Florida 33309 Phone: 954.971.7291 Fax: 954.971.6907 WWW.EXCEPTIONALSOLUTIONS.COM USER: mmm0202a

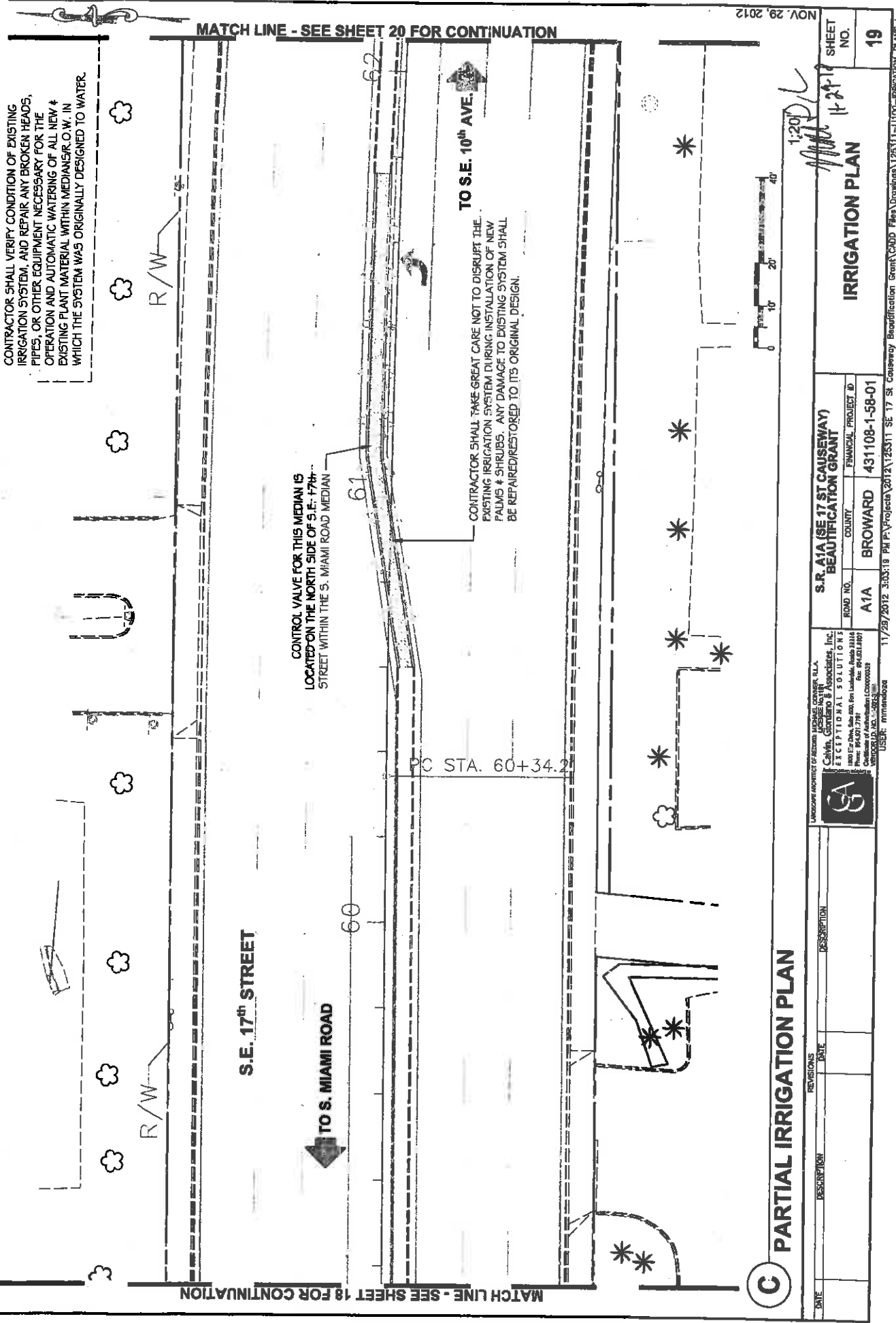
REVISIONS	DATE	DESCRIPTION

11/29/12

IRRIGATION PLAN

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CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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.



MATCH LINE - SEE SHEET 18 FOR CONTINUATION

MATCH LINE - SEE SHEET 20 FOR CONTINUATION

NOV. 29, 2012

**C PARTIAL IRRIGATION PLAN**

REVISIONS	DATE	DESCRIPTION



LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, S.L.A.  
 CALVIN CONNER, S.L.A.  
**EXCEPTIONAL SOLUTIONS, Inc.**  
 1800 E. China Lake Blvd. for Lauderdale Lakes, FL 33309  
 Phone: 954.371.7781 Fax: 954.371.3300  
 Certificate of Administration LC0000038  
 URS | 03 - 2563

**S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT**

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

**IRRIGATION PLAN**

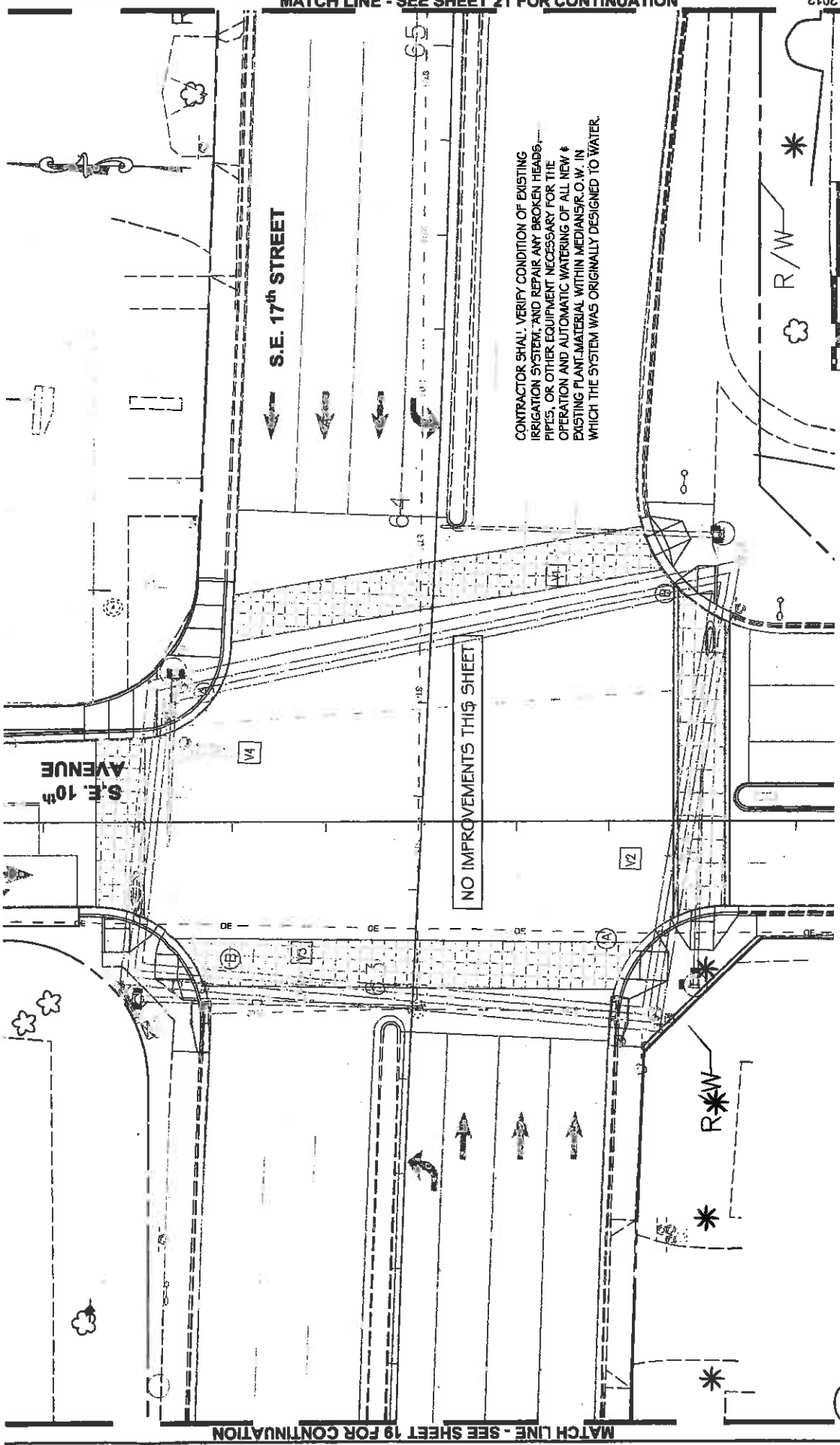
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MATCH LINE - SEE SHEET 21 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 20



CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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.

NO IMPROVEMENTS THIS SHEET

**D PARTIAL IRRIGATION PLAN**

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MERRILL COMPANY, P.L.L.C.  
 Calvin, Orlando & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1800 Bay Drive, Suite 200, Fort Lauderdale, Florida 33316  
 Phone: 954.521.7711 Fax: 954.431.1897  
 Certificate of Accreditation LC00000309  
 USER: merrilldaza

S.R. A1A (SEE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	FINANCIAL PROJECT ID
A1A	431108-1-58-01
COUNTY	
BROWARD	

1:20  
 11-2-12  
 IRRIGATION PLAN

MATCH LINE - SEE SHEET 19 FOR CONTINUATION

CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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.

S.E. 17<sup>th</sup> STREET

TO S.E. 10<sup>th</sup> AVE.

CONTROL VALVE FOR THIS MEDIAN IS LOCATED ON THE NORTH SIDE OF S.E. 17<sup>th</sup> STREET WITHIN THE S. MIAMI ROAD MEDIAN

CONTRACTOR SHALL TAKE GREAT CARE NOT TO DISRUPT THE EXISTING IRRIGATION SYSTEM DURING INSTALLATION OF NEW PALMS & SHRUBS. ANY DAMAGE TO EXISTING SYSTEM SHALL BE REPAIRED/RESTORED TO ITS ORIGINAL DESIGN.

TO CORDOVA ROAD

**E PARTIAL IRRIGATION PLAN**



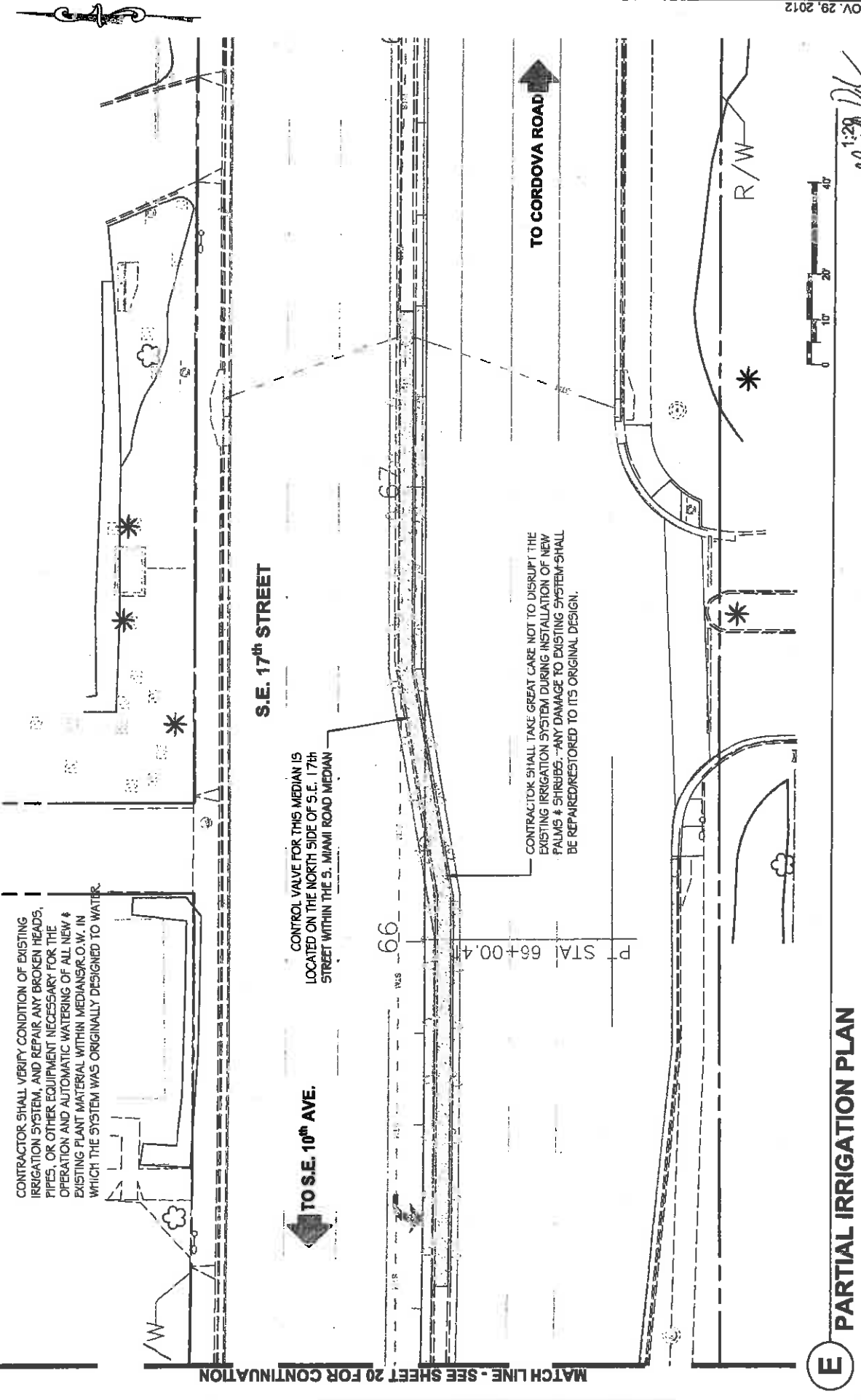
DATE	REVISIONS	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNERT, P.L.L.C.  
 Calvin, Giordano & Associates, Inc.  
**EXCEPTIONAL SOLUTIONS**  
 1100 SW 4th Ave. 9th Fl. (at Midway Plaza Bldg)  
 Miami, FL 33131-7711 Tel: 305.571.1807  
 Fax: 305.571.1807  
 E-mail: info@connert.com  
 License No. LA00000000  
 USBC# 0100000000

S.P. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	FINANCIAL PROJECT ID
ROAD NO. A1A	COUNTY BROWARD
FINANCIAL PROJECT ID 431108-1-58-01	

SHEET NO. 21

1:20  
 11-24-12  
 [Signature]



MATCH LINE - SEE SHEET 20 FOR CONTINUATION

CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, PIPES, OR OTHER EQUIPMENT NECESSARY FOR THE OPERATION AND AUTOMATIC WATERING OF ALL NEW & EXISTING PLANT MATERIAL WITHIN MEDIANS/POW. IN WHICH THE SYSTEM WAS ORIGINALLY DESIGNED TO WATER.

S.E. 17<sup>th</sup> STREET

TO CORDOVA ROAD

POT STA. 76+67.0

76

77

78

EXISTING LATERAL,  
HAND DIG TO LOCATE.

EXISTING IRRIGATION VALVE WITH  
BATTERY OPERATED CONTROLLER, 2"  
ANTI-SIPHON VACUUM BREAKER, AND  
METER (P.O.C.) LOCATED IN MEDIAN

NEW BUBBLERS AND 3/4" LATERALS SHALL BE  
INSTALLED, CONNECTING TO EXISTING LATERALS.  
SEE IRRIGATION SCHEDULE DETAILS, TYPICAL.

TO S.E. 15<sup>th</sup> AVENUE &  
EISENHOWER BOULEVARD

**F PARTIAL IRRIGATION PLAN**



1:20

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

UNIVERSITY ARCHITECT OF RECORD: MICHAEL CONNER, A.L.A.  
Calvin, Gianbardo & Associates, Inc.  
EXCEPTIONAL SOLUTIONS  
11000 MacArthur Blvd. #200 Fort Lauderdale, Florida 33308  
Phone: 954.971.7711 Fax: 954.921.8187  
Licenses: Professional Engineer License No. 1200000088  
Professional Surveyor License No. 1200000088  
USGBC: LEED AP Accredited

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	COUNTY
A1A	BROWARD
FINANCIAL PROJECT ID	431108-1-58-01

SHEET NO. 22

IRRIGATION PLAN

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NOV. 29, 2012

GRANDE DRIVE

PARKING BENEATH  
17<sup>th</sup> STREET BRIDGE

TO EISENHOWER  
BOULEVARD

NEW BUBBLERS AND 3/4" LATERALS  
SHALL BE INSTALLED, CONNECTING TO  
EXISTING LATERALS. SEE IRRIGATION  
SCHEDULE/DETAILS, TYPICAL.

EXISTING LATERAL  
HAND DIG TO LOCATE.

EXISTING CONTROLLER  
APPROXIMATE LOCATION

TO INTRACOASTAL  
WATERWAY

MARRIOTT DRIVE (17<sup>th</sup> STREET RAMP)

CONTRACTOR SHALL VERIFY CONDITION OF EXISTING  
IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS,  
PIPES, OR OTHER EQUIPMENT NECESSARY FOR THE  
OPERATION AND AUTOMATIC WATERING OF ALL NEW &  
EXISTING PLANT MATERIAL WITHIN MEDIANS, O.W. IN  
WHICH THE SYSTEM WAS ORIGINALLY DESIGNED TO WATER.

EXISTING IRRIGATION VALVE FOR  
EXISTING ZONE TO BE MODIFIED.

H

PARTIAL IRRIGATION PLAN

DATE	REVISIONS	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CROWNER, S.L.A.  
Crown, Orlando & Associates, Inc.  
EXCEPTIONAL SOLUTIONS  
1800 The Oaks, Suite 400, Fort Lauderdale, Florida 33315  
Phone: (954) 771-7791 Fax: (954) 211-1107  
www.mcrowner.com License: LC00000033  
USER: mmcrowner

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	4311108-1-58-01

S.R. A1A (SE 17<sup>th</sup> ST CAUSEWAY)  
BEAUTIFICATION GRANT

SHEET NO.

IRRIGATION PLAN

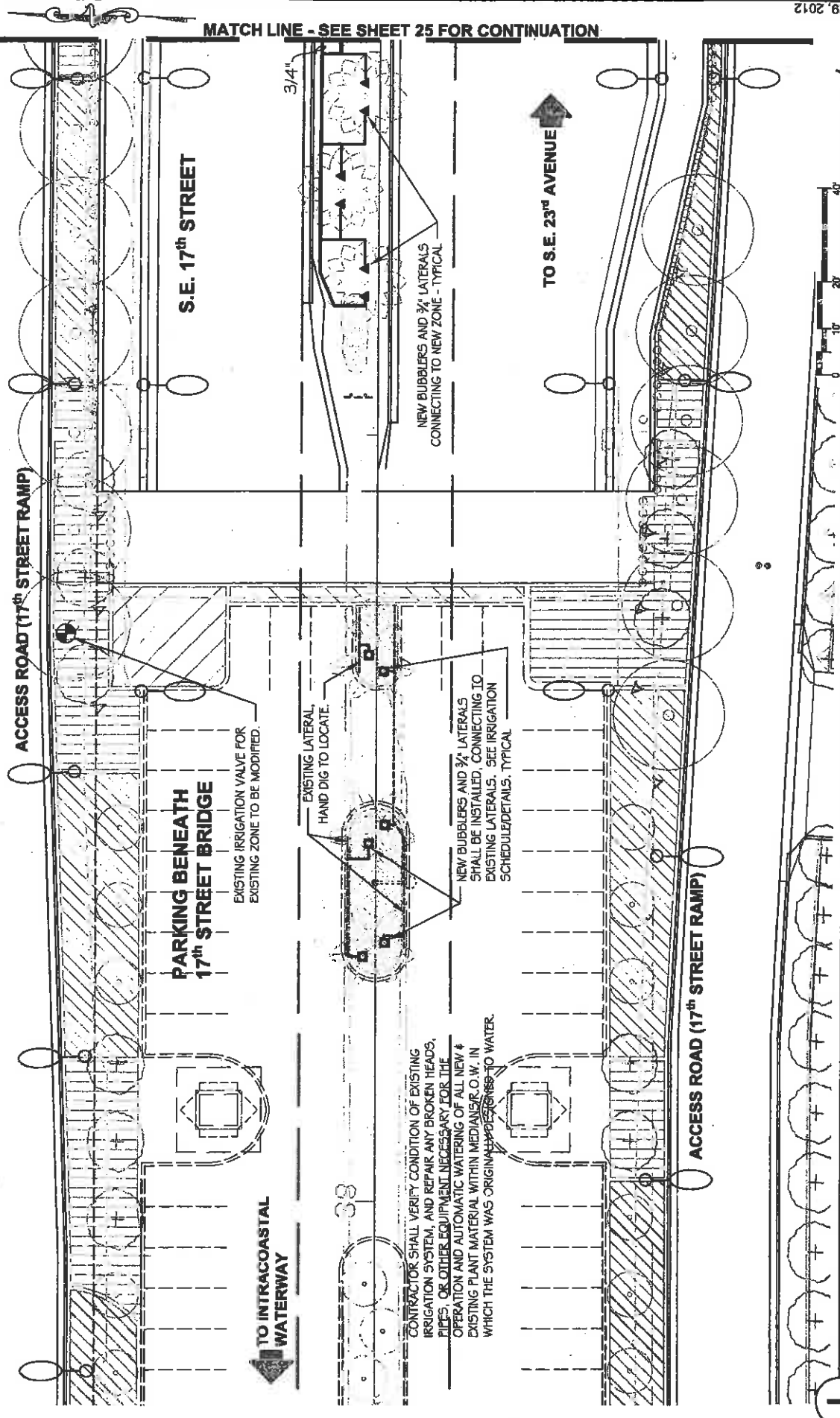
23

1:20

11-29-12

MATCH LINE - SEE SHEET 25 FOR CONTINUATION

SHEET NO. 24



1:20

PARTIAL IRRIGATION PLAN

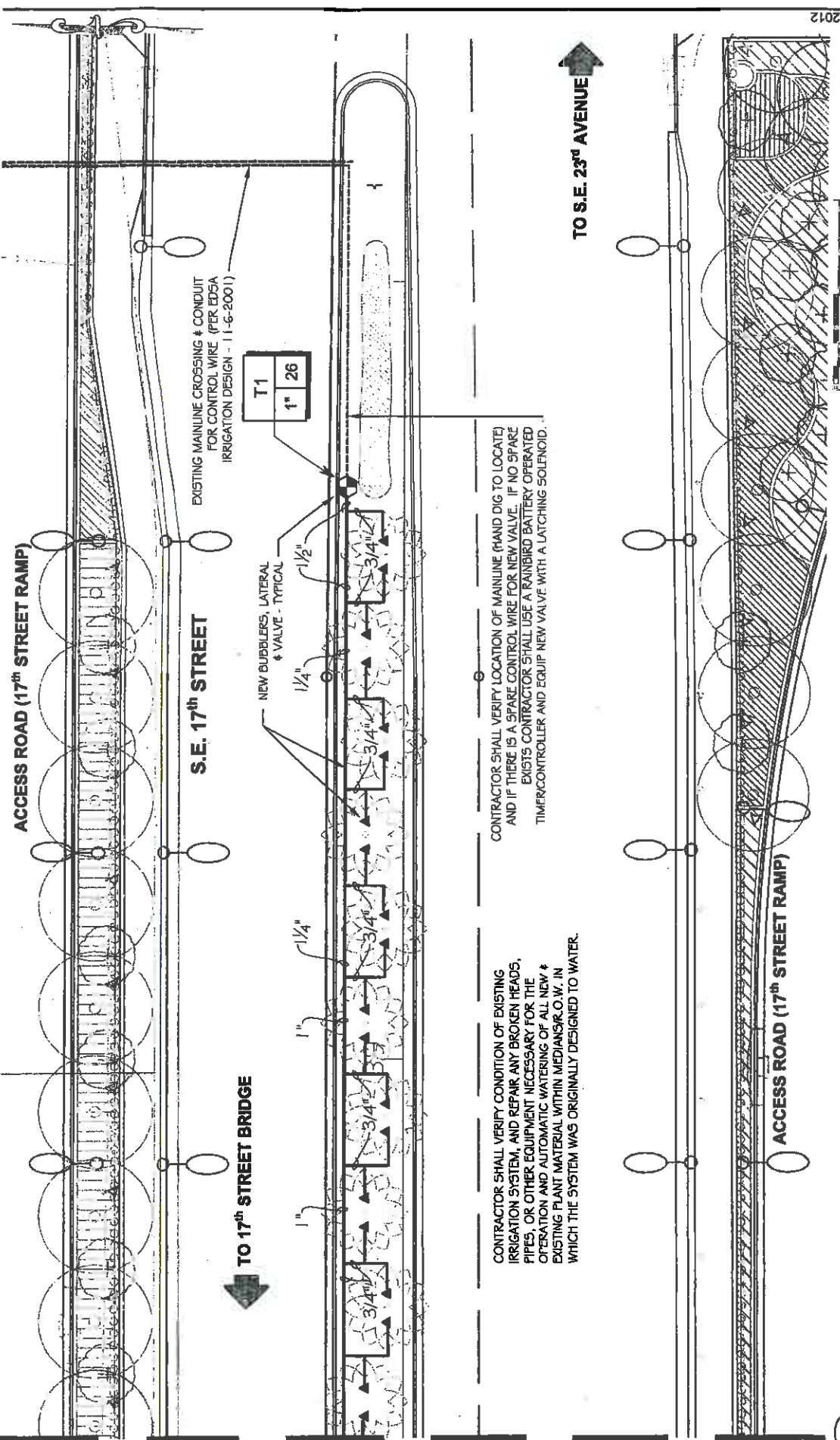
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	A1A
COUNTY	BROWARD
FINANCIAL PROJECT #	4311008-1-58-01

LANDSCAPE ARCHITECT OF RECORD: JAMES H. COWPER, A.L.A.  
 10150 N.W. 11th St., Suite 200, Ft. Lauderdale, FL 33309  
 Phone: (954) 771-7711  
 Fax: (954) 771-8187  
 E-MAIL: jcowper@jcowper.com  
 LICENSE NO.: 3855-78  
 USER: jmc@jcowper.com

DATE: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_

DATE	DESCRIPTION	DATE	DESCRIPTION

MATCH LINE - SEE SHEET 24 FOR CONTINUATION



CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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 VERIFY LOCATION OF MAINLINE (HAND DIG TO LOCATE) AND IF THERE IS A SPARE CONTROL WIRE FOR NEW VALVE. IF NO SPARE EXISTS CONTRACTOR SHALL USE A RAINBIRD BATTERY OPERATED TIMER/CONTROLLER AND EQUIP NEW VALVE WITH A LATCHING SOLENOID.

**J PARTIAL IRRIGATION PLAN**

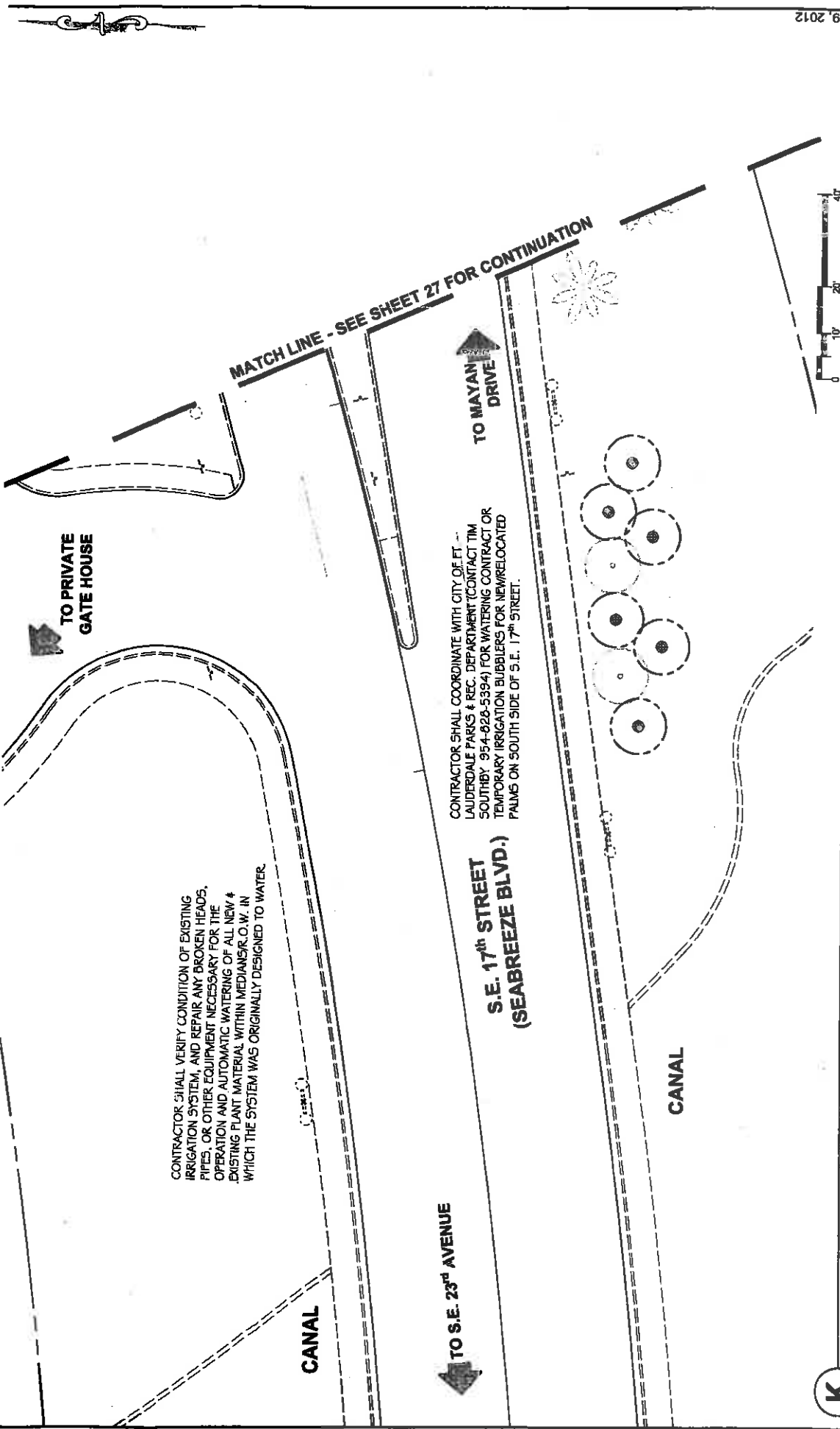
REVISIONS	DATE	DESCRIPTION

CALIFORNIA IRRIGATION CONSULTANTS, INC. 1800 E. 9th Ave. Ste. 200, Torrey Pines, CA 91113 Phone: 916.321.7771 Fax: 916.321.2803 County of Alameda - L2000000013 (916) 321-7771 USER: rmmendoza	
S.P. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	FINANCIAL PROJECT ID 431108-1-58-01
ROAD NO. A1A	COUNTY BROWARD

IRRIIGATION PLAN 11-21-12  
 3:20  
 [Signature]





CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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 COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT TIM SOUTHEY 954-828-5394) FOR WATERING CONTRACT OR TEMPORARY IRRIGATION BUBBLERS FOR NEWRELOCATED PALMS ON SOUTH SIDE OF S.E. 17<sup>th</sup> STREET.



**(K) PARTIAL IRRIGATION PLAN**

DATE	REVISIONS	DESCRIPTION


**CANA GEOTECHNICAL SOLUTIONS, INC.**  
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<b>S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</b>	
ROAD NO.	FINANCIAL PROJECT ID
A1A	431108-1-58-01
COUNTY	
BROWARD	

**IRRIGATION PLAN**

SHEET NO. **26**

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	FINANCIAL PROJECT ID
A1A	431108-1-58-01
COUNTY	
BROWARD	

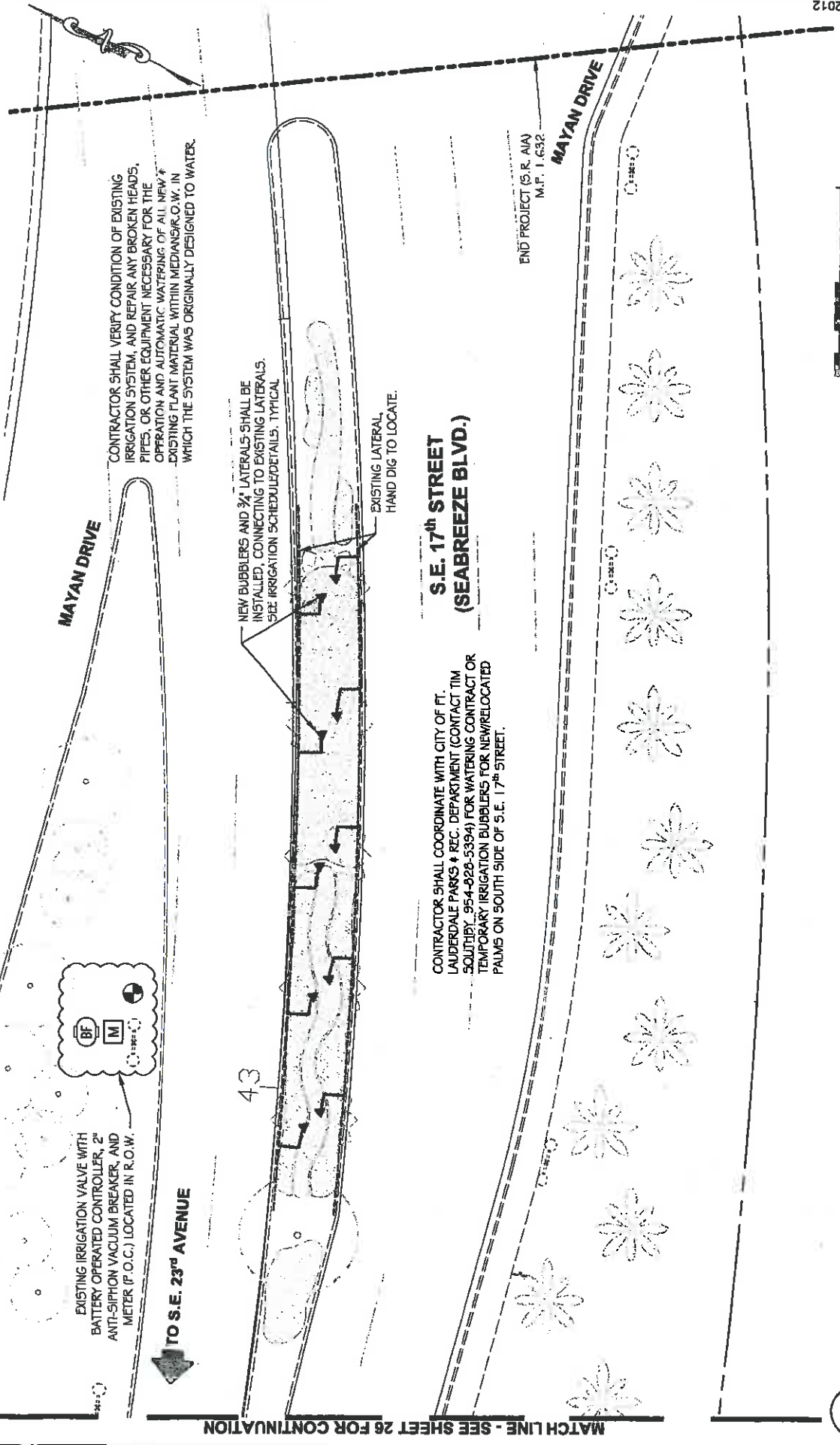
LANDSCAPE ARCHITECT OF RECORD: MICHAEL COWDER, R.L.A.  
 Calm, Grubbs & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1800 S.W. 4th St. 4th Floor, Fort Lauderdale, Florida 33316  
 Phone: 954.331.7791 Fax: 954.331.8857  
 License No. of Professional Landscape Architect: 1000000308  
 USER: mmrmd02g

DATE	REVISIONS	DESCRIPTION	DATE	DESCRIPTION

**L PARTIAL IRRIGATION PLAN**



*Handwritten signature and date: 11-20-12*



CONTRACTOR SHALL VERIFY CONDITION OF EXISTING IRRIGATION SYSTEM, AND REPAIR ANY BROKEN HEADS, 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.

NEW BUBBLERS AND 3/4" LATERALS SHALL BE INSTALLED, CONNECTING TO EXISTING LATERALS. SEE IRRIGATION SCHEDULE/DETAILS, TYPICAL.

EXISTING LATERAL  
HAND DIG TO LOCATE.

**S.E. 17<sup>th</sup> STREET  
(SEABREEZE BLVD.)**

CONTRACTOR SHALL COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT TIM SOUTHEY, 954-828-5394) FOR WATERING CONTRACT OR TEMPORARY IRRIGATION BUBBLERS FOR NEW/RELOCATED PALMS ON SOUTH SIDE OF S.E. 17<sup>th</sup> STREET.

END PROJECT (S.R. A1A)  
M.P. 1.632

EXISTING IRRIGATION VALVE WITH BATTERY OPERATED CONTROLLER, 2" ANTI-SIPHON VACUUM BREAKER, AND METER (P.O.C.) LOCATED IN R.O.W.

TO S.E. 23<sup>rd</sup> AVENUE

MATCH LINE - SEE SHEET 26 FOR CONTINUATION

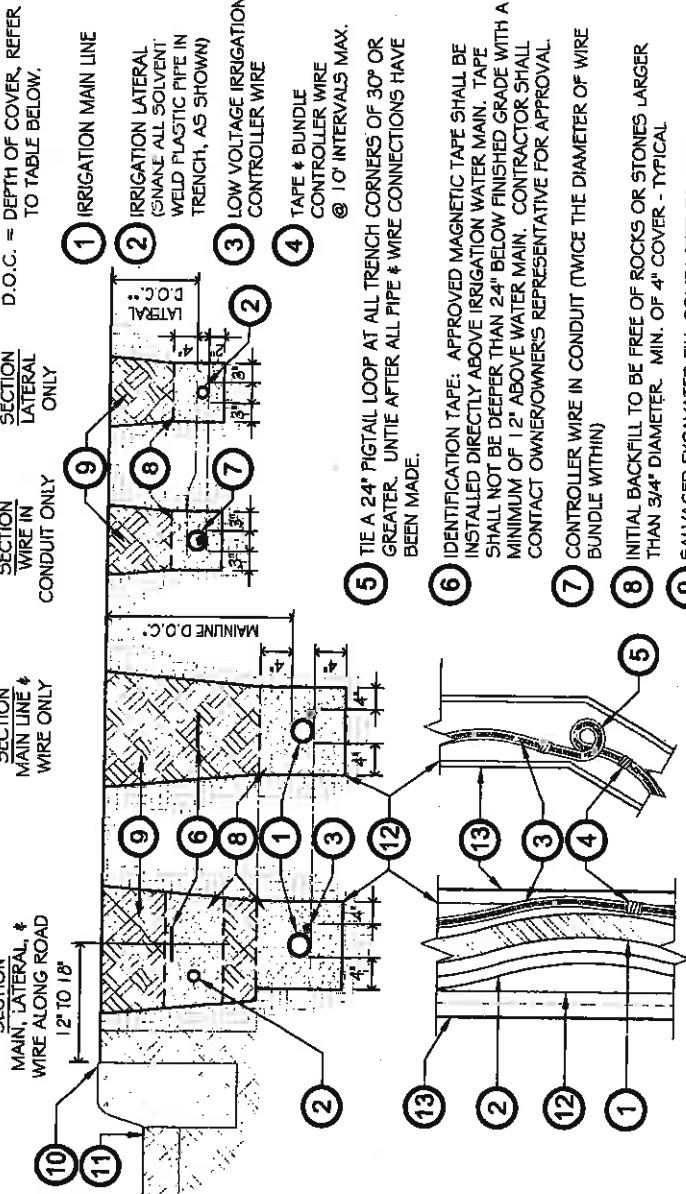
# KEYNOTE SCHEDULE

**SYMBOL**  
**010-1-10**  
 O I GENERAL  
 RAIN BIRD CORPORATION  
 6991 EAST SOUTHPOINT RD.  
 TUCSON, AZ 85756  
 1-800-724-6247  
 FAX (520) 741-6100  
 WWW.RAINBIRD.COM  
**32** EXTERIOR IMPROVEMENTS

**SYMBOL**  
**3282-20**  
 SLEEVE BELOW ALL HARDSCAPE ELEMENTS (PAVED SURFACES, PRIVATE ROADS, WALKS, CONCRETE PADS, PAVERS, ETC.) WITH HDPE OR 1/2" SCH 40 PVC OR PR200 PIPE, WHICHEVER HAS THE LARGEST WALL THICKNESS AT THE REQUIRED SLEEVE DIAMETER (THE SLEEVE DIAMETER SHALL BE A MINIMUM OF TWO PIPE SIZES LARGER THAN THE DIAMETER OF THE PIPE OR THE WIRE BUNDLE TRAVELING WITHIN IT. THE MINIMUM SLEEVE SIZE SHALL BE 2" INSIDE DIAMETER).  
 ALL ROADWAY CROSSINGS IN EXISTING PAVEMENT SHALL BE DIRECTIONAL BORING, UNLESS WRITTEN PERMISSION HAS BEEN GRANTED FOR ROADWAY CUTTING.  
 ALL SLEEVES SHALL BE CAPPED WITH A PVC SCH. 40 SLEEVE CAP, USE DUCT TAPE TO SECURE IN PLACE AND KEEP DEBRIS OUT. SPARE SLEEVES SHALL BE SEALED WITH PIPE JOINT CEMENT AND A PVC SCH. 40 SLEEVE CAP. IMMEDIATELY MARK SLEEVE LOCATION BY PLACING A 2" PVC SCH 40 PIPE (LENGTH EQUAL TO THE DEPTH OF COVER VERTICALLY OVER SLEEVE END CAP WITH A YELLOW RAINBIRD 6300 PVC END CAP (FLUSH WITH FINISH GRADE & CEMENTED TO VERTICAL PVC PIPE).

**SYMBOL**  
**3282-21**  
 ALL IRRIGATION SLEEVES WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE INSTALLED AS PER FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS INDEX NO. 591-LANDSCAPE IRRIGATION SLEEVES, AND INDEX NO. 17721-CONDUIT INSTALLATION DETAILS.

**SYMBOL**  
**3282-55**  
 FLEXIBLE SWING PIPE ('FUNNY PIPE' OR OTHER APPROVED EQUAL, RATED WITH A MIN. OF 50 PSI) SHALL ONLY BE USED WITH BUBBLERS, ROTARY SPRINKLERS, AND SPRAYS WITH FLOWS THAT DO NOT EXCEED 4 GALLONS PER MINUTE. DO NOT INSTALL ROTORS OR SPRAYS WITH FLOWS GREATER THAN 4 GPM WITH FLEXIBLE SWING PIPE. FLEXIBLE PIPE SHALL NOT EXCEED 18" IN LENGTH, AND ENTIRE SWING JOINT SHALL NOT HAVE MORE THAN TWO BARBED FITTINGS. CONTRACTOR SHALL INSTALL 'FUNNY PIPE' IN SUCH A MANNER AS TO NOT BEND OR TWIST THE FLEXIBLE PIPE, WHEN NEEDED TURN ELLS TO ACHIEVE DESIRED SPRINKLER PLACEMENT. IF CONTRACTOR CANNOT PLACE SPRINKLER/Spray WITHOUT BENDING PIPE, THE USE OF A 3 OR 4 ELL SWING JOINT WITH PVC SHALL BE USED.



- 1 IRRIGATION MAIN LINE
- 2 IRRIGATION LATERAL (NAME ALL SOLVENT WELD PLASTIC PIPE IN TRENCH, AS SHOWN)
- 3 LOW VOLTAGE IRRIGATION CONTROLLER WIRE
- 4 TAPE & BUNDLE CONTROLLER WIRE @ 10' INTERVALS MAX.
- 5 TIE A 24" PIGTAIL LOOP AT ALL TRENCH CORNERS OF 30° OR GREATER, UNTIL AFTER ALL PIPE & WIRE CONNECTIONS HAVE BEEN MADE.
- 6 IDENTIFICATION TAPE: APPROVED MAGNETIC TAPE SHALL BE INSTALLED DIRECTLY ABOVE IRRIGATION WATER MAIN. TAPE SHALL NOT BE DEEPER THAN 24" BELOW FINISHED GRADE WITH A MINIMUM OF 1.2" ABOVE WATER MAIN. CONTRACTOR SHALL CONTACT OWNER/OWNER'S REPRESENTATIVE FOR APPROVAL.
- 7 CONTROLLER WIRE IN CONDUIT (TWICE THE DIAMETER OF WIRE BUNDLE WITHIN)
- 8 INITIAL BACKFILL TO BE FREE OF ROCKS OR STONES LARGER THAN 3/4" DIAMETER. MIN. OF 4" COVER - TYPICAL.
- 9 SALVAGED EXCAVATED FILL COMPACTED TO ORIGINAL DENSITY (TYP.)
- 10 BACK OF CURB (IN CASES WHERE NO CURB IS PRESENT CONTRACTOR SHALL KEEP MAIN LINE 12" - 18" FROM EDGE OF PAVEMENT)
- 11 PAVED VEHICULAR USE AREA
- 12 BOTTOM OF TRENCH
- 13 TOP OF TRENCH

PIPE SIZE (I.D.)	* MIN. DEPTH OF COVER FOR MAIN LINES		** MIN. DEPTH OF COVER FOR LATERAL LINES	
	NON-TRAFFIC AREAS	VEHICULAR TRAFFIC AREAS	NON-TRAFFIC AREAS	VEHICULAR TRAFFIC AREAS
3/4" TO 1 1/4"	18"	24"	12"	24"
1 1/2" TO 2"	18"	24"	18"	24"
2 1/4" TO 3"	24"	30"	18"	24"
4" TO 5"	30"	36"	24"	30"
6" AND LARGER	36"	36"	30"	36"

NOTE: ALL PIPE BENEATH PAVED SURFACES MUST BE SLEEVED: **3282-20/3282-21**

## 1 TYPICAL IRRIGATION TRENCH DETAIL

N.T.S.

NOV. 29 2012

*John P. C.*

**IRRIGATION DETAILS**

SHEET NO. **28**

**S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT**

ROAD NO. **A1A** COUNTY **BROWARD** FINANCIAL PROJECT ID **431108-1-58-01**

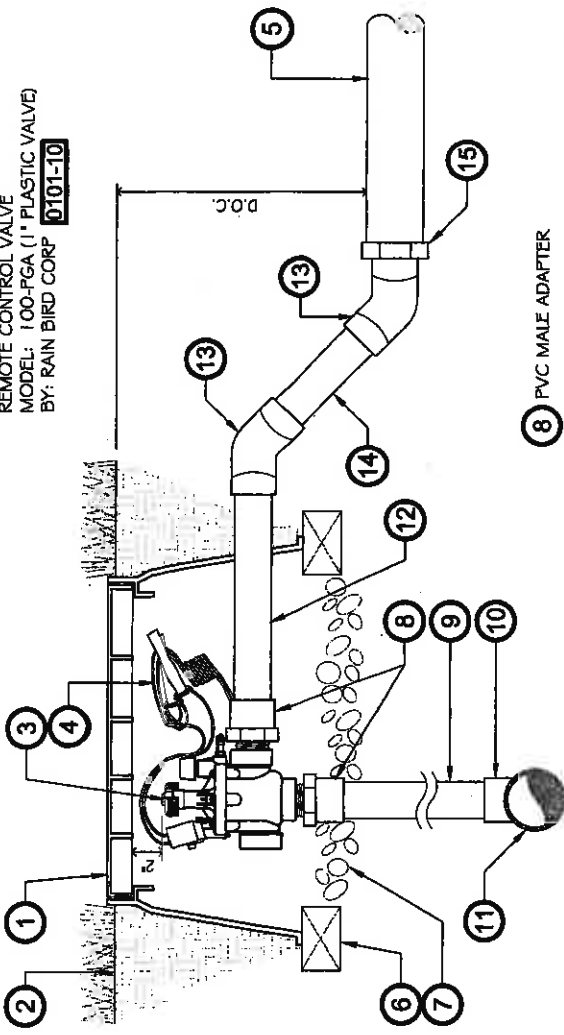
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USBR: irrimid02a

EXCEPTIONAL SOLUTIONS, INC.  
 1400 NW 13th Ave, 4th Floor, Fort Lauderdale, FL 33311  
 Phone: 954.921.7711 Fax: 954.921.1707  
 License: 12533-01-000-000003

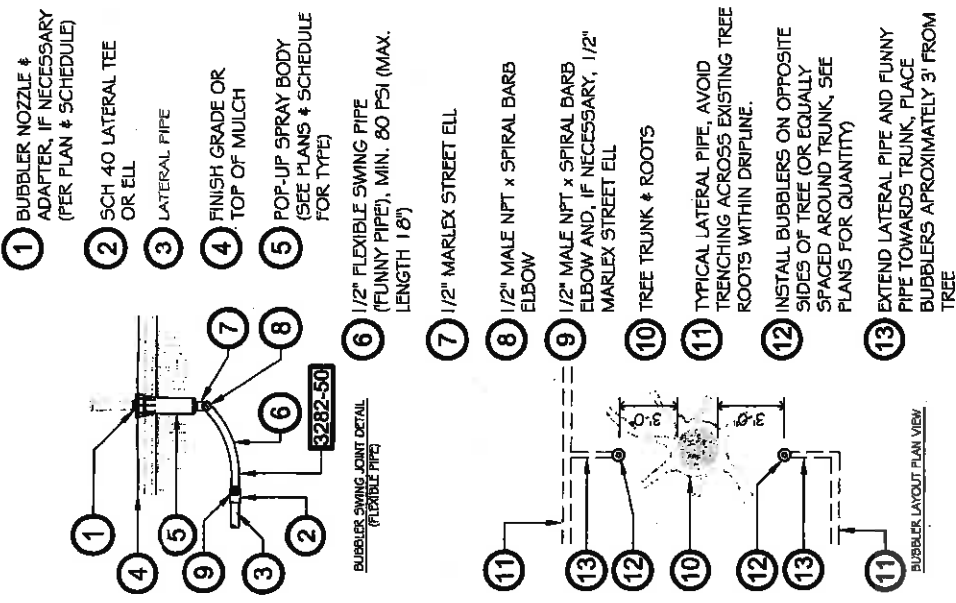
REVISIONS	DATE	DESCRIPTION

REMOTE CONTROL VALVE  
 MODEL: 100-PGA (1" PLASTIC VALVE)  
 BY: RAIN BIRD CORP 0101-10



- 1 VALVE BOX & COVER (CARSON 1419-12)
- 2 FINISH GRADE
- 3 RAINBIRD PGA ANGLE REMOTE CONTROL VALVE MODEL NO. 100-PGA (SIZE PER PLAN)
- 4 CONTROL WIRES WITH 1/2" MIN. SERVICE COIL AND WATERPROOF WIRE SPLICE CONNECTORS
- 5 PVC LATERAL LINE, SIZE PER PLAN
- 6 CONTINUOUS BRICK SUPPORTS
- 7 GRAVEL (1 CU. FT.)
- 8 PVC MALE ADAPTER
- 9 PVC MAIN LINE, LENGTH AS REQUIRED
- 10 TEE OR ELBOW
- 11 MAIN LINE (TYP.)
- 12 OUTLET PIPE, SAME SIZE AS VALVE, 24" MIN. TO FIRST FITTING
- 13 45° ELBOW TYP.
- 14 PVC LATERAL LENGTH AS REQUIRED TO REACH LATERAL DEPTH OF COVER
- 15 INCREASE LATERAL LINE AS PER IRRIGATION PLANS

328-406.1.3-1.1  
**2** 1" ELECTRIC REMOTE CONTROL VALVE, ANGLE (1") N.T.S.



- 1 BUBBLER NOZZLE & ADAPTER, IF NECESSARY (PER PLAN & SCHEDULE)
- 2 SCH. 40 LATERAL TEE OR ELL
- 3 LATERAL PIPE
- 4 FINISH GRADE OR TOP OF MULCH
- 5 POP-UP SPRAY BODY (SEE PLANS & SCHEDULE FOR TYPE)
- 6 1/2" FLEXIBLE SWING PIPE (FUNNY PIPE), MIN. 80 PSI (MAX. LENGTH 18')
- 7 1/2" MARLEX STREET ELL
- 8 1/2" MALE NPT x SPIRAL BARB ELBOW
- 9 1/2" MALE NPT x SPIRAL BARB ELBOW AND, IF NECESSARY, 1/2" MARLEX STREET ELL
- 10 TREE TRUNK & ROOTS
- 11 TYPICAL LATERAL PIPE, AVOID TRENCHING ACROSS EXISTING TREE ROOTS WITHIN DRILLHOLE.
- 12 INSTALL BUBBLERS ON OPPOSITE SIDES OF TREE (OR EQUALLY SPACED AROUND TRUNK, SEE PLANS FOR QUANTITY)
- 13 EXTEND LATERAL PIPE AND FUNNY PIPE TOWARDS TRUNK, PLACE BUBBLERS APPROXIMATELY 3' FROM TREE

328-403.56-01  
**3** BUBBLER ON 4" POP-UP N.T.S.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LABORER HERBERT OF RECORD, INCORPORATED, ALA. Calvin, Georgia & Associates, Inc. EXCEPTIONAL SOLUTIONS 1400 Blue Ridge Road, Suite 101, Lakeville, MA 01841 Phone: 978.371.7791 Fax: 978.371.8807 Certificate of Registration: LCR00000008 LICENSED PROFESSIONAL SURVEYOR		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT
ROAD NO.	COUNTY.	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

**IRRIGATION DETAILS**

SHEET NO. 29

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NOV. 29, 2012

**SECTION NO:** 86180  
**S.R. NO.(S):** A1A  
**COUNTY:** Broward  
**FM NO.(S):** 431108-1-58-01

**EXHIBIT C**

**MAINTENANCE PLAN FOR LANDSCAPE IMPROVEMENTS**

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

**Dated: November 29, 2012**

# MAINTENANCE PLAN

## Landscape Improvements

**Project State Road No(s):** S.R. A1A (17<sup>th</sup> Street Causeway)  
**Project Limits:** From S.R.5 (M.P.-0.00) to Mayan Drive (M.P.-1.632)  
**FM No(s):** 431108-1-58-01  
**Maintaining Agency:** City of Ft. Lauderdale, FL.  
**RLA of Record:** Michael D. Conner (LA0001181)  
**Date:** November 29, 2012

---

### **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 (Patterned Pavement):**

All tree grates and patterned pavement (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:**

There are no specific maintenance requirements for the planting design for this project, other than those outlined and specified in Part I.

## 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 Videos (ADA)

<http://www.access-board.gov/news/sidewalk-videos.htm>

Americans with Disabilities Act (ADA) (ADAAG)

[http://www.ada.gov/2010ADAstandards\\_index.htm](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

[www.isa-arbor.com](http://www.isa-arbor.com)

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

<http://www.doacs.state.fl.us/pi/pubs.html>

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/](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/13/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/13/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/13/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/13/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/2012/Volume1/Chap02.pdf>

Florida Department of Transportation, *FDOT Standard Specifications for Road and Bridge Construction, Section 580 Landscape Installation*  
<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks/2013/Files/580-2013.pdf>

Florida Department of Transportation, Landscape Architecture Website  
[www.MyFloridaBeautiful.com](http://www.MyFloridaBeautiful.com)

Florida Department of Transportation, *Maintenance Rating Program Handbook*  
<http://www.dot.state.fl.us/statemaintenanceoffice/MRPHandbook2011.pdf>

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](http://www.fpl.com/residential/trees/right_tree_right_place.shtml)

*Guide to Roadside Mowing and Guide to Turf Management*, available for purchase  
<http://infonet.dot.state.fl.us/SupportServicesOffice/plist.htm>

Interlocking Concrete Pavement Institute (ICPI)  
<http://www.icpi.org/>

International Society of Arboriculture (ISA)  
[www.isa-arbor.com](http://www.isa-arbor.com)

UF IFAS: *Selecting Tropical and Subtropical Tree Species for Wind Resistance*  
<http://edis.ifas.ufl.edu/pdffiles/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: 86180  
S.R. NO.(S): A1A  
COUNTY: Broward  
FM NO.(S): 431108-1-58-01

**EXHIBIT D**

**APPROXIMATE COST FOR LANDSCAPE IMPROVEMENTS**

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

**Dated: November 29, 2012**

**APPROXIMATE PROJECT COST:      \$ 179,035.00**

**PRELIMINARY COST ESTIMATE:  
S.R. A1A - S.E. 17th Street Causeway - Beautification Grant**

<u>Item</u>	<u>Description</u>	<u>Qty.</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1. Coconut Palm	25'-30' o.a. ht., 10'-15' c.t.	13	\$1,500	\$19,500
2. MedJool' Date Palm	35' o.a. ht., 22' c.t.	18	\$6,000	\$108,000
3. MedJool' Date Palm - Speciman	40'-42' o.a.h.t., 28' c.t.	1	\$7,000	\$7,000
4. Solitaire Palm, single	20'-30' o.a. ht., 14'-24' g.w.	25	\$450	\$11,250
5. Florida Royal Palm	30'-32' o.a. h.t., 18'-20' g.w.	5	\$1,000	\$5,000
6. Irrigation bubblers added to each speciman palm	24 locations	24	\$200	\$4,800
7. Shrub replacements	49 locations @ 10 each	490	\$8	\$3,920
8. Sod restoration	38 locations @ 225 s.f.	8550	\$0.30	\$2,565
9. 1 year-warranty and maintance items for new plants	Per F.D.O.T. specifications/per month	12	\$1,000	\$12,000
10 MOT / Mobilization / General Conditions	Maintenance of Traffic	1	\$5,000	\$5,000
			<b>Total Grant</b>	<b>\$179,035</b>

SECTION NO: 86180  
S.R. NO.(S): A1A  
COUNTY: Broward  
FM NO.(S): 431108-1-58-01

**EXHIBIT E**

**PERMIT COMMITMENT LETTER**

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

Letter of Commitment for Permit Number 08K-491-0132, located along State Road A1A (North Atlantic Boulevard) from Bayshore Drive (M.P. 2.64) to Riomar Street (M.P.2.71) for Specialty Pavers. Permit No. 08-K-491-0132, the Capri at Fort Lauderdale Beach. 11/26/08.

**Dated: November 26, 2008**



CITY OF  
**FORT LAUDERDALE**

*Voice of America*

November 26, 2008

Mr. Jerry Dean  
District IV Permits Coordinator  
Florida Department of Transportation  
3400 West Commercial Boulevard  
Fort Lauderdale, FL 33309

**RE: The Capri at Ft. Lauderdale Beach Permit # 08K-491-0132**

Dear Mr. Dean:

The above referenced permit project in the City of Fort Lauderdale, Florida is located along State Road A1A/North Atlantic Boulevard between Riomar Street and Bayshore Drive. Pursuant to the Maintenance Memorandum of Agreement ("MMOA"), the City of Fort Lauderdale will be responsible for maintenance of the special pavers proposed to be constructed within the Project Area in accordance with the MMOA.\*

According to the approved plans dated 11/21/2008, the Permit will impact the western portion of State Road A1A between Riomar Street and Bayshore Drive (the "Project Area"). The Project Area is located within the limits of an existing MMOA approved by Resolution Number 07-252, adopted December 4, 2007.

If you have any questions, please feel free to contact me.

Sincerely,

Peter R. Partington, P.E.  
City Engineer

RECEIVED

DEC 2 - 2008

DIST. IV - PERMITS

\*For purposes of reference only, the developer, Capri Hotel, LLC, and its successors or assigns, of the project referenced above is constructing the improvements and has assumed in writing the City's maintenance obligations associated with the improvements in accordance with that Declaration of Maintenance recorded in OR. Book 45762, page 1396 of the public records of Broward County, which declaration City is the party required to enforce its terms.

PUBLIC WORKS DEPARTMENT (ENGINEERING AND ARCHITECTURAL SERVICES)  
100 N. ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301

TELEPHONE (954) 828-5772

ENGINEERING FAX (954) 828-5073 ARCHITECTURAL FAX (954) 828-5070

www.fortlauderdale.gov



**CERTIFICATION**

I certify this to be a true and correct copy of the record of the City of Fort Lauderdale, Florida.

WITNESSETH my hand and official seal of the City of Fort Lauderdale, Florida, this the 20 day of SEP, 20 13  
[Signature] ASST City Clerk

**RESOLUTION NO. 13-18**

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE A JOINT PARTICIPATION AGREEMENT AND AMENDMENT NO. 5 TO CITY OF FORT LAUDERDALE LANDSCAPE INCLUSIVE MAINTENANCE MEMORANDUM OF AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION TO CONSTRUCT ADDITIONAL LANDSCAPE IMPROVEMENTS ON STATE ROAD A1A FROM STATE ROAD 5 TO MAYAN DRIVE; PROVIDING FOR THE REPEAL OF RESOLUTIONS OR PARTS THEREOF IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the 2012-2013 City of Fort Lauderdale ("City") Broward Highway Beautification Grant for State Road A1A (SE 17<sup>th</sup> Street Causeway) from State Road 5 (US1) to Mayan Drive included funds in the not to exceed amount of \$180,000.00 for professional services related to landscape architectural design and construction services ("Project"); and

WHEREAS, the preliminary beautification plans were completed on November 29, 2012 and the Florida Department of Transportation ("FDOT") plan review was completed January 17, 2013; and

WHEREAS, the pedestrian and horticultural enhancements to the commercial corridors will project economic vitality and create a unique urban environment to attract residents and tourism; and

WHEREAS, FDOT requires execution of, and City desires to enter into a Joint Participation Agreement and Amendment No. 5 to City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement ("MMOA") for completion of Project; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA:


**SECTION 1.** That the proper City officials are hereby authorized to execute a Joint Participation Agreement and Amendment No. 5 to City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement in connection with the Broward Highway Beautification Grant for the construction of additional landscape improvements on State Road A1A (SE 17<sup>th</sup> Street Causeway) from State Road 5 (US1) to Mayan Drive.

SECTION 2. That the office of the City Attorney shall review and approve as to form all documents prior to their execution by City officials.

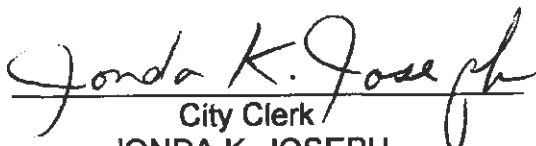
SECTION 3. That any Resolutions, or parts thereof, in conflict herewith are hereby repealed.

SECTION 4. That this Resolution shall be in full force and effect upon final passage.

ADOPTED this the 5th day of February, 2013.

  
\_\_\_\_\_  
Mayor  
JOHN P. "JACK" SEILER

ATTEST:

  
\_\_\_\_\_  
City Clerk  
JONDA K. JOSEPH

L:\COMM2013\Resos\February 5\13-18.doc

## **Wilson, Evett**

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**From:** Lewis, Lynn on behalf of O'Reilly, Gerry  
**Sent:** Friday, February 22, 2013 5:28 PM  
**To:** D4-MC  
**Cc:** Lewis, Lynn; Burton, Sandra; Frederick, Ingrid; Lucas, Julie; Welch, Beth; Williams, Brigett; Wilson, Evett  
**Subject:** Responsible Charge

While I am out of the office Monday, February 25, 2013 through Tuesday, March 5, 2013, the following managers will be in responsible charge and have my signature authority:

Monday 2/25	Howard Webb
T-Th, 2/26-2/28	Stacy Miller
Friday 3/1	Howard Webb
M-T, 3/4-5	Howard Webb

Please afford Stacy and Howard your usual cooperation and courtesy.

Gerry O'Reilly  
Director of Transportation Development  
Telephone: (954) 777-4411  
[gerry.oreilly@dot.state.fl.us](mailto:gerry.oreilly@dot.state.fl.us)