



## Florida Department of Transportation

RICK SCOTT  
GOVERNOR

3400 West Commercial Boulevard  
Fort Lauderdale, FL 33309-3421

ANATH PRASAD, P.E.  
SECRETARY

January 2, 2012

Mr. Eric Czerniejewski  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, Florida 33301

Dear Mr. Czerniejewski:

**RE: District Four (4) Joint Participation Agreement (JPA) and Amendment #5 City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement (MMOA) for State Road A1A (S.E. 17th Street Causeway) from State Road 5 (US 1) (M.P. 0.000) to Mayan Dive (M.P. 1.632). FM# 431108-1-58-01.**

Enclosed please find three (3) original Joint Participation Agreement (JPA) and three original (3) Amendment # Five (5) City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement (MMOA). These agreements are for the the Broward Highway Beautification 2012-13 Grant located on State Road A1A (S.E. 17th Street Causeway) from State Road 5 (US 1) (M.P. 0.000) to Mayan Drive (M.P. 1.32).

Please have these executed by the City at their earliest convenience returning all three (3) copies of each agreement to me, with one sealed copy of the Resolution approving such actions. Gerry O'Reilly, P.E. the Department's Transportation Development Engineer at District Four will execute and date the originals returning one for your files.

If you have any questions or need further information, please contact me at (954) 777-4219.

Sincerely,

A handwritten signature in blue ink that reads "Elisabeth A. Hassett".

Elisabeth A. Hassett, R.L.A.  
District Landscape Architect

Enclosures  
CC: File

**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 \_\_\_\_\_ 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**.

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 \_\_\_\_ day \_\_\_\_\_ 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. \_\_\_\_\_, hereto attached.

WITNESSES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(SEAL)

CITY OF FORT LAUDERDALE

By: \_\_\_\_\_  
JOHN 'JACK' SEILER, Mayor

By: \_\_\_\_\_

\_\_\_\_\_  
LEE R. FELDMAN, City Manager

ATTEST:

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

Approved as to Form:

\_\_\_\_\_  
Assistant City Attorney

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
By: \_\_\_\_\_  
Director of Transportation Development

\_\_\_\_\_  
Date

Attest: \_\_\_\_\_ (SEAL)  
Executive Secretary

Approved as to Form

\_\_\_\_\_  
Office of the General Counsel

\_\_\_\_\_  
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)**

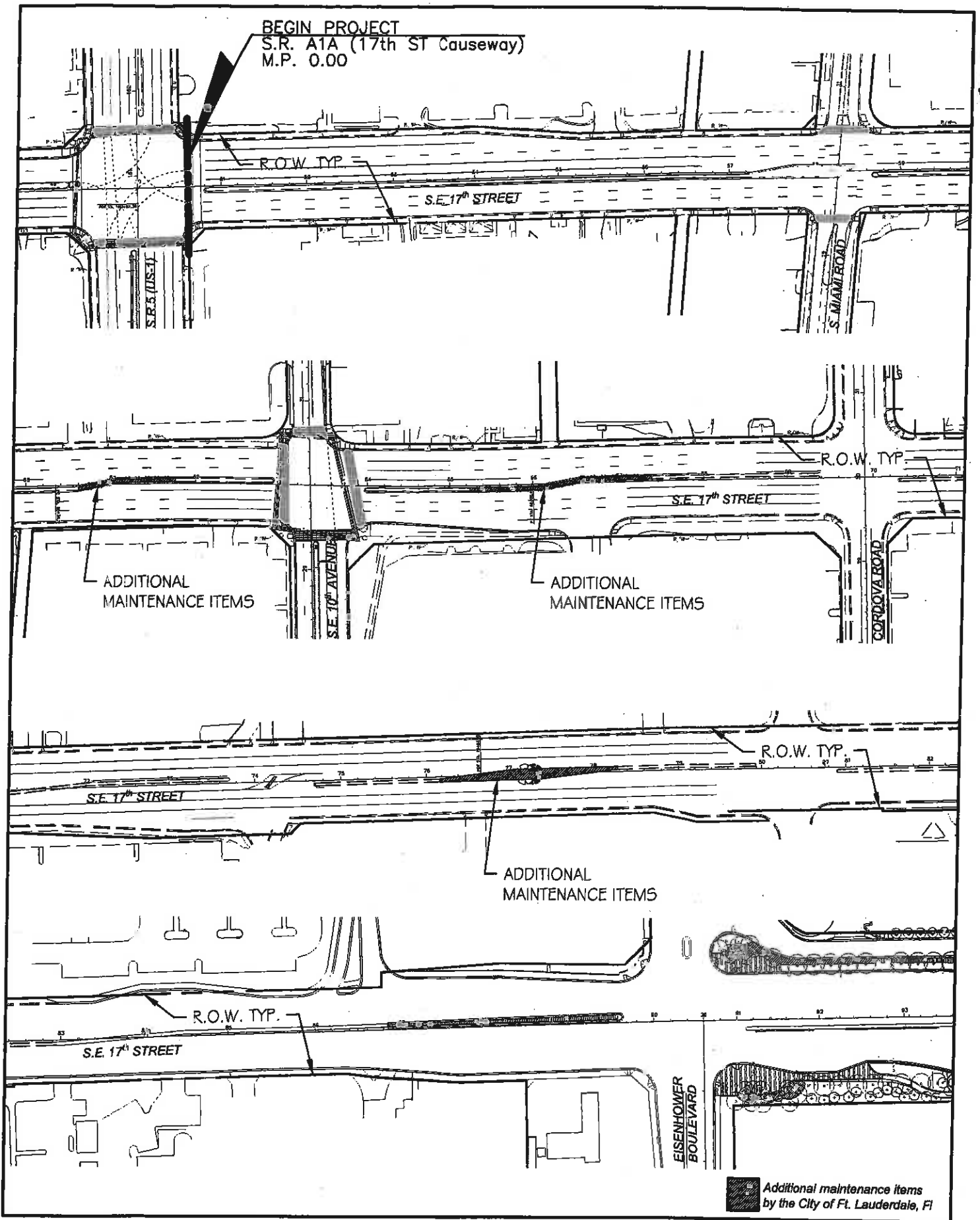
**Northbound One Way / Seabreeze Boulevard / 17th Street Causeway  
(Section 8618000)  
(M.P. 0.000) State Road 5 (US 1) to (M.P. 2.964) (State Road 842) (Las  
Olas Boulevard)**

**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:**

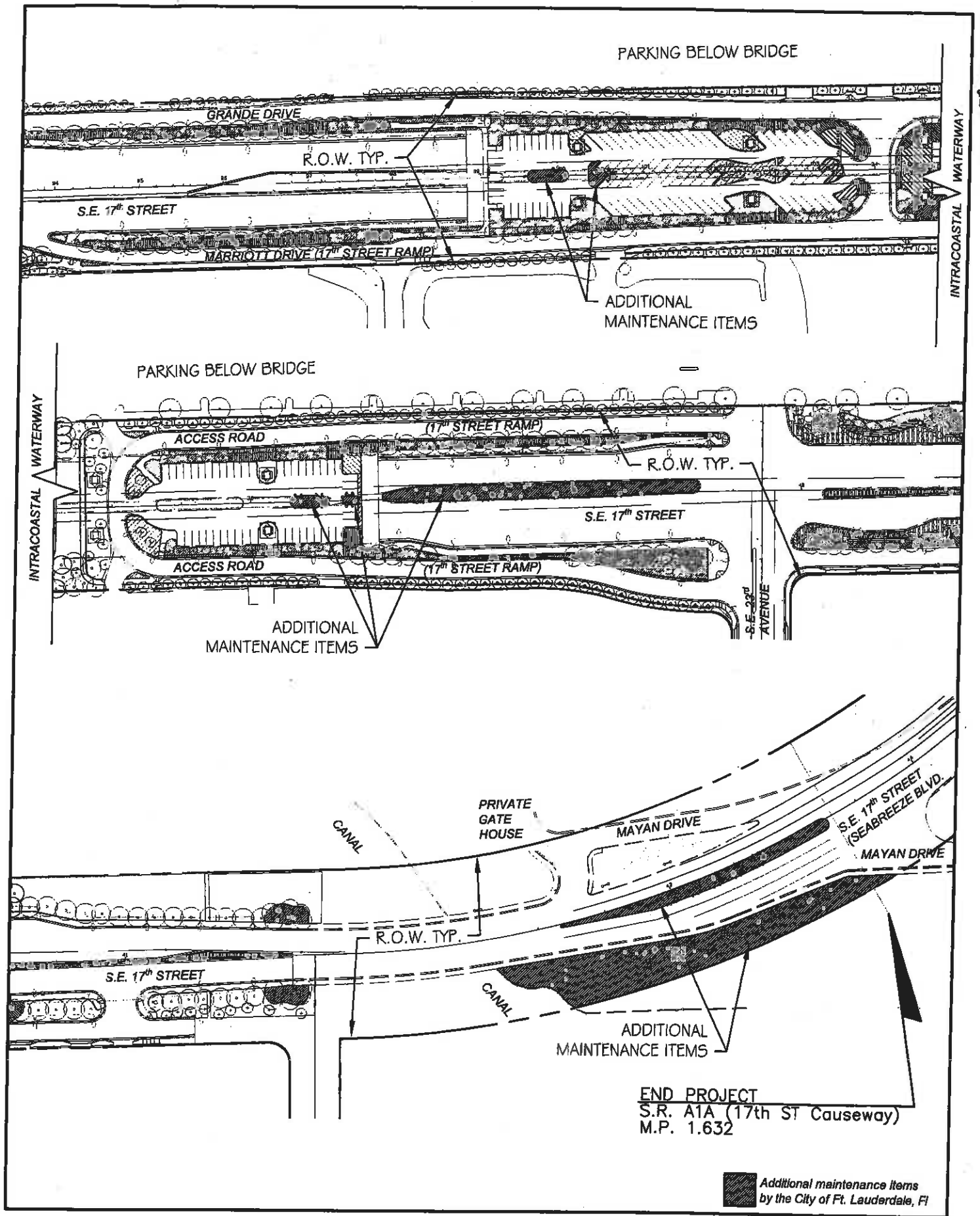
**(All maintenance boundaries of original agreement apply)**

***Please See Attached***



**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

13-0166

Exhibit 3

Page 7 of 50

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

**EXHIBIT B**

**LANDSCAPE IMPROVEMENT PLANS**

**The Department agrees to install the Project in accordance with the plans and specifications attached hereto and incorporated herein.**

**Please see attached plans prepared by: Calvin, Giordano & Associates, Inc.  
Michael Conner, RLA**

**Dated: November 29, 2012**



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 (17th 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, Item 1, 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/>

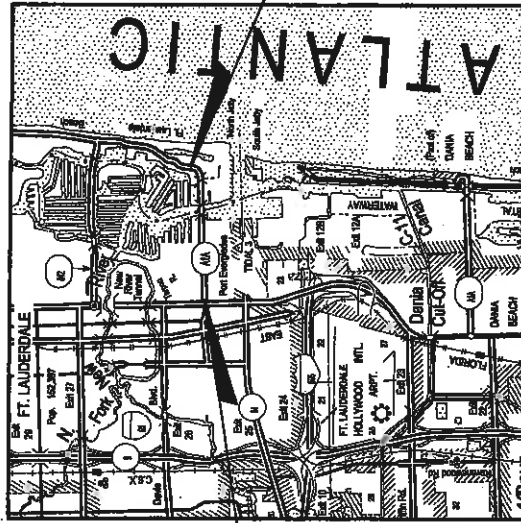
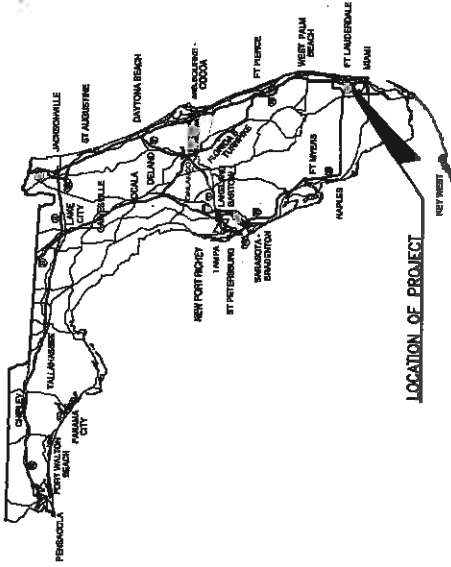
S.R. A1A DESIGN SPEED: 35 MPH

MAINTAINING AGENCY: CITY OF FT. LAUDERDALE

Contact: Thomas White, ASLA-ISA  
Landscape Architect - Certified Arborist

CITY OF FORT LAUDERDALE PARKS AND RECREATION

1350 West Broward Boulevard  
Fort Lauderdale, Florida 33312  
954-876-5360  
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

PLANS PREPARED BY:

Calkin, Giordano & Associates, Inc.  
EXCEPTIONAL TOTAL SOLUTIONS  
1400 SW 15th Ave, Suite 200, Fort Lauderdale, FL 33311  
Phone: 954.571.1788 Fax: 954.571.1887  
www.cga-inc.com  
FORT LAUDERDALE, FL 33304



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. 1187

*Michael Conner*  
11-28-12

FISCAL YEAR	2013
SHEET NO.	-

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

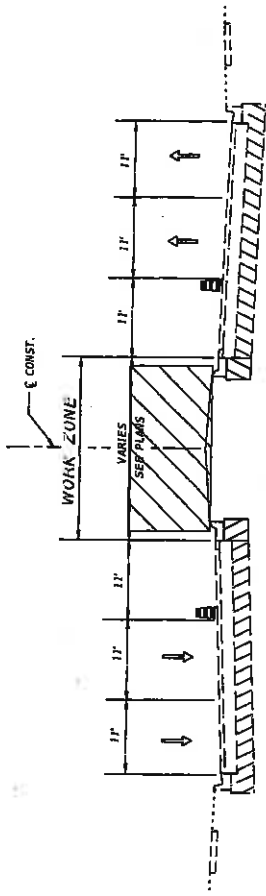
USBC: rmmadocx

11/28/2012 2:56:47 PM P:\Projects\2012\25311 SE 17 St Causeway Beautification Grant\2500 Final Drawings\25311-L-COVER.dwg

NOV 29 2012

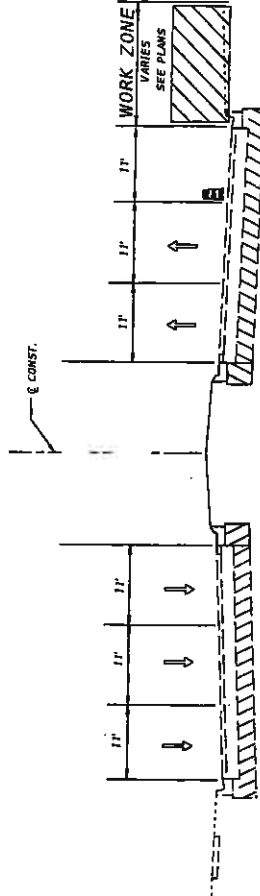
TRAFFIC CONTROL PLAN - GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT DESIGN STANDARDS DATED 2012/2013, INDEX 600 SERIES, MUTCD 2009 AND PROJECT PLANS.
2. THE REGULATORY SPEED LIMIT FOR S.R. 94/17TH ST. CAUSEWAY DURING CONSTRUCTION SHALL BE MAINTAINED AT THE EXISTING POSTED SPEED 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 SR 94/17TH 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.
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. CONTRACTOR TO COORDINATE WORK AREAS WITHIN THE PARKING LOTS UNDER THE BRIDGE WITH THE CITY OF FORT LAUDERDALE PARKING SERVICES.



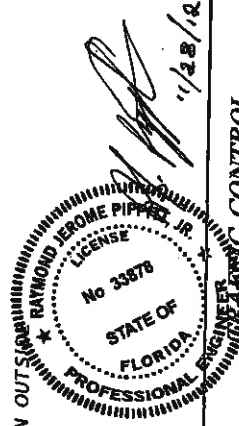
FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613 AND 616.

WORK IN MEDIAN

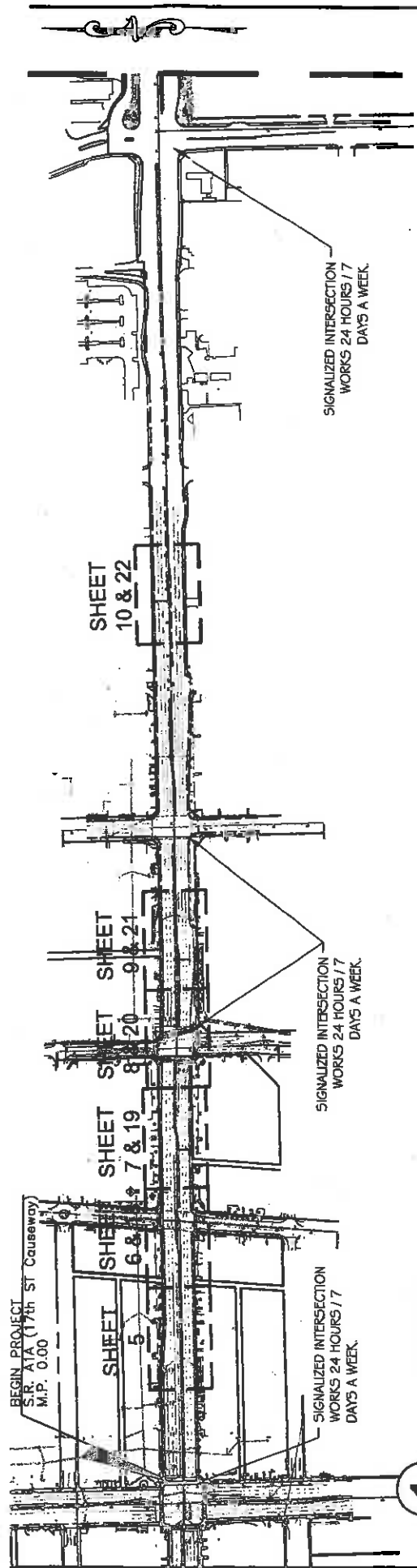


FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613, 616 AND 660.

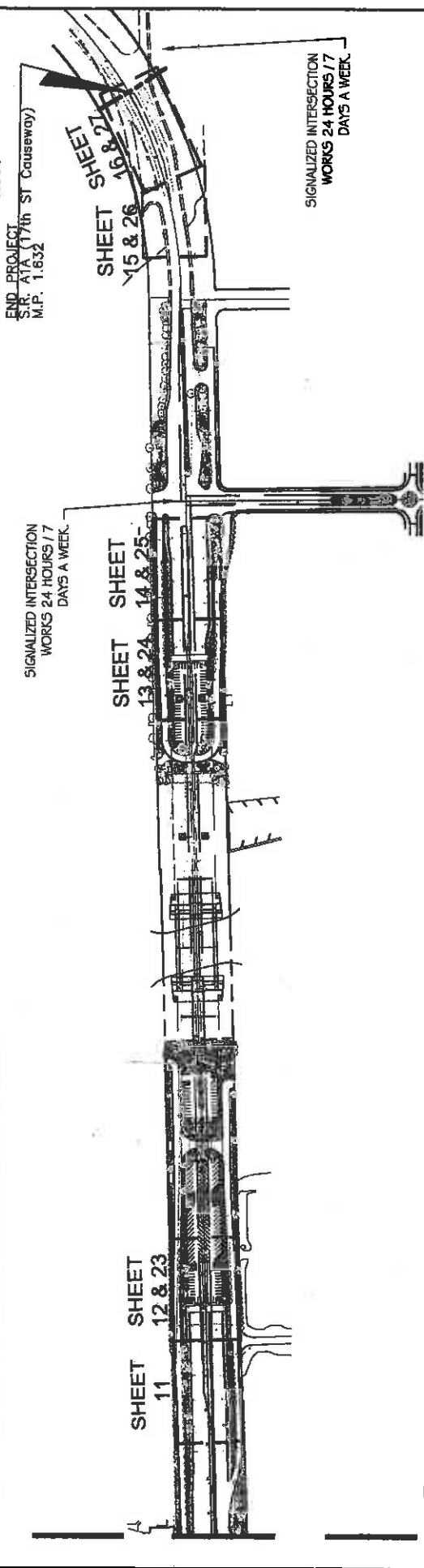
WORK ON OUTSIDE



S. R. 94/17TH ST. CAUSEWAY BEAUTIFICATION GRANT		FINANCIAL PROJECT ID 43108-J-28-01		SHEET NO. 1
COUNTY BROWARD		ROAD NO. A14		
11/28/2012		5:00:00 PM		
Project: 43108-J-28-01		SE 77 St Causeway Beautification Grant		
Engineer of Record: Raymond J Pippet, PE, No. 33878 Calvin, Gordiano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1400 SW 2nd Ave, Suite 600, Fort Lauderdale, Florida 33316 Phone: 954.331.3701 Fax: 954.331.1807 Website: www.cga.com Email: info@cgasolutions.com Member I.C.E. No. 0240112800		REVISIONS DATE DESCRIPTION		



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



**2 WEST OF EISENHOWER**

DATE	DESCRIPTION	DATE	REVISIONS

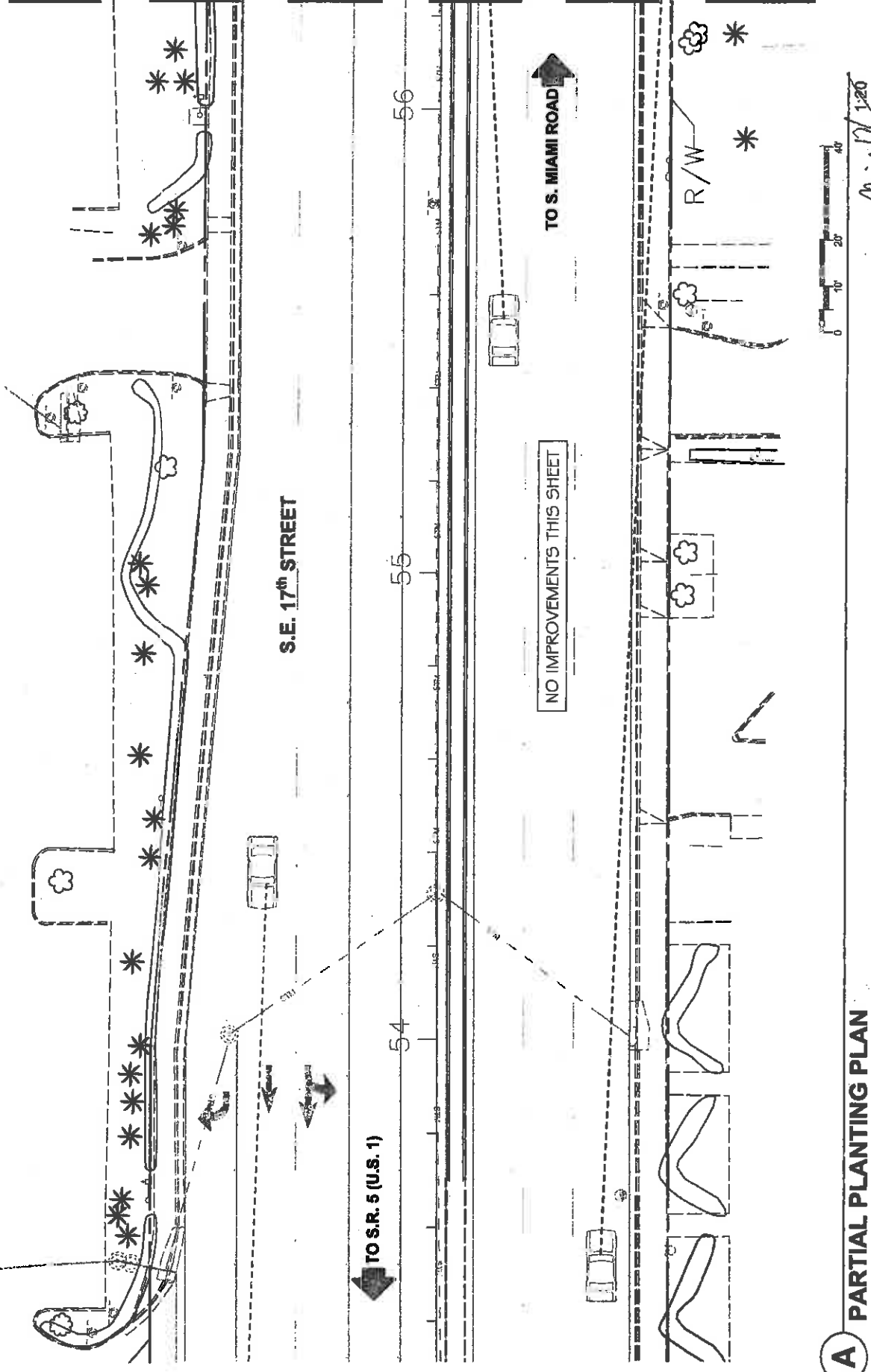
		EXCEPTIONAL SOLUTIONS, Inc. 11000 W. US Highway 90, Suite 200 Fort Lauderdale, FL 33322 Phone: 954.571.7781 Fax: 954.571.7782 Website: www.esolutions.com	
LICENSED ARCHITECT OF RECORD, MICHAEL COVER, P.L.L.C. 11000 W. US Highway 90, Suite 200 Fort Lauderdale, FL 33322 Phone: 954.571.7781 Fax: 954.571.7782 Website: www.mcover.com		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	A1A	COUNTY	BROWARD
FINANCIAL PROJECT ID	431108-1-58-01		
<b>OVERALL KEY PLAN</b>			
SHEET NO.	2		

NOV. 29, 2012





MATCH LINE - SEE SHEET 6 FOR CONTINUATION



DATE	DESCRIPTION	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, P.L.L.C. 11000 N.W. 11th St., Suite 100 Coral Gables, FL 33134 Phone: 305.447.3718 Fax: 305.447.3717 E-mail: mconner@mcconner.com Website: www.mcconner.com VENDOR LICENSE NO. 952813388 USPR: mconner@mcconner.com		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-68-01	SHEET NO. 5
--	--	---	-------------

**A PARTIAL PLANTING PLAN**

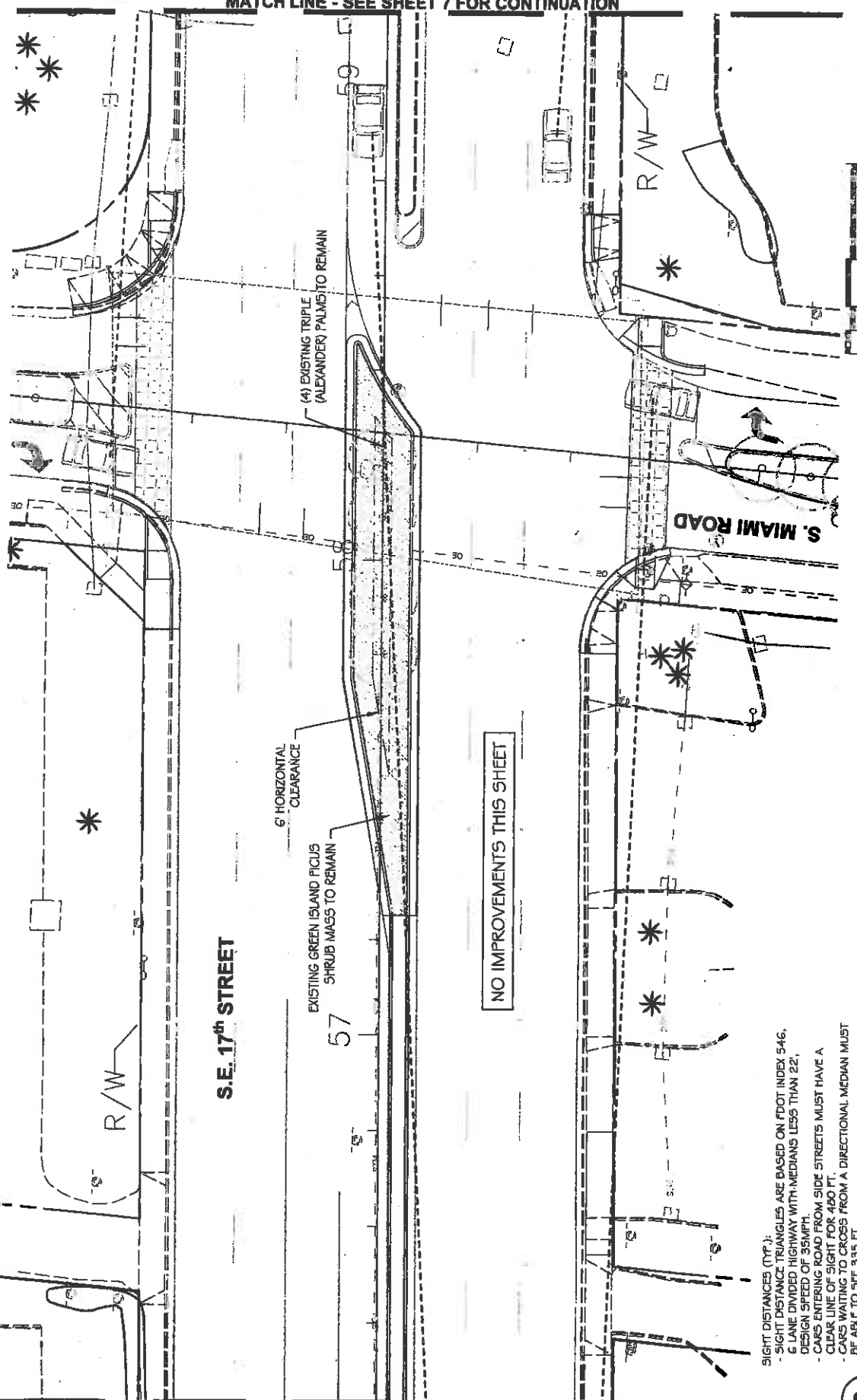
**LANDSCAPE PLAN**

*Michael Conner*  
11-29-12

NOV. 29, 2012

MATCH LINE - SEE SHEET 7 FOR CONTINUATION

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



NO IMPROVEMENTS THIS SHEET

- 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 450 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.

**B** PARTIAL PLANTING PLAN

REVISIONS	DATE	DESCRIPTION

EXCEPTIONAL SOLUTIONS, INC.
   
 1500 Bayshore Blvd., Suite 100, Fort Lauderdale, Florida 33316
   
 Tel: (954) 343-1177
   
 Fax: (954) 343-1177
   
 www.exceptionalsolutions.com
   
 US/EU: mm@esol.com

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

LANDSCAPE PLAN

11-24-12

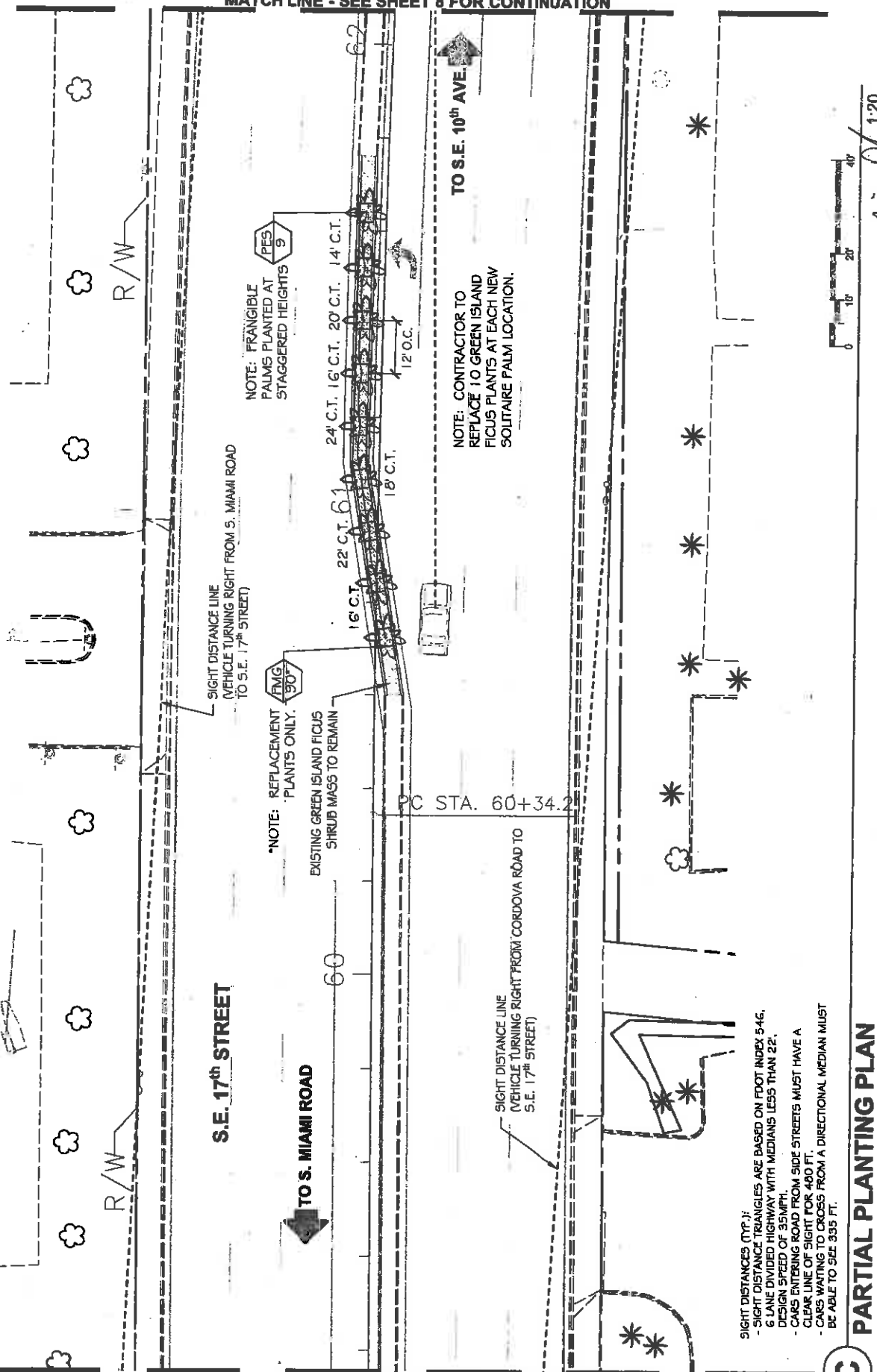
SHEET NO.

6

17/29/2012 3:00:58 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CADD files\Drawings\125311-L100-PLANTING\_PLANS.dwg

MATCH LINE - SEE SHEET 8 FOR CONTINUATION

NOV. 29, 2012



S.E. 17th STREET

TO S. MIAMI ROAD

TO S.E. 10th AVE

NOTE: FRANGIBLE PALMS PLANTED AT STAGGERED HEIGHTS

NOTE: REPLACEMENT PLANTS ONLY.

EXISTING GREEN ISLAND FIGUS SHRUB MASS TO REMAIN

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

- 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 395 FT.

C

PARTIAL PLANTING PLAN

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: **WILLIAMS BROWN**, S.L.L.A.  
 Calvin, Glendora & Associates, Inc.  
 1000 The Oaks, Suite 200, Fort Lauderdale, Florida 33314  
 Phone: 954.343.1807  
 Fax: 954.343.1807  
 License No. LA 25092  
 USBR: miamidocaz

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

11-29-12  
 1:20  
**LANDSCAPE PLAN**

SHEET NO.	7
-----------	---

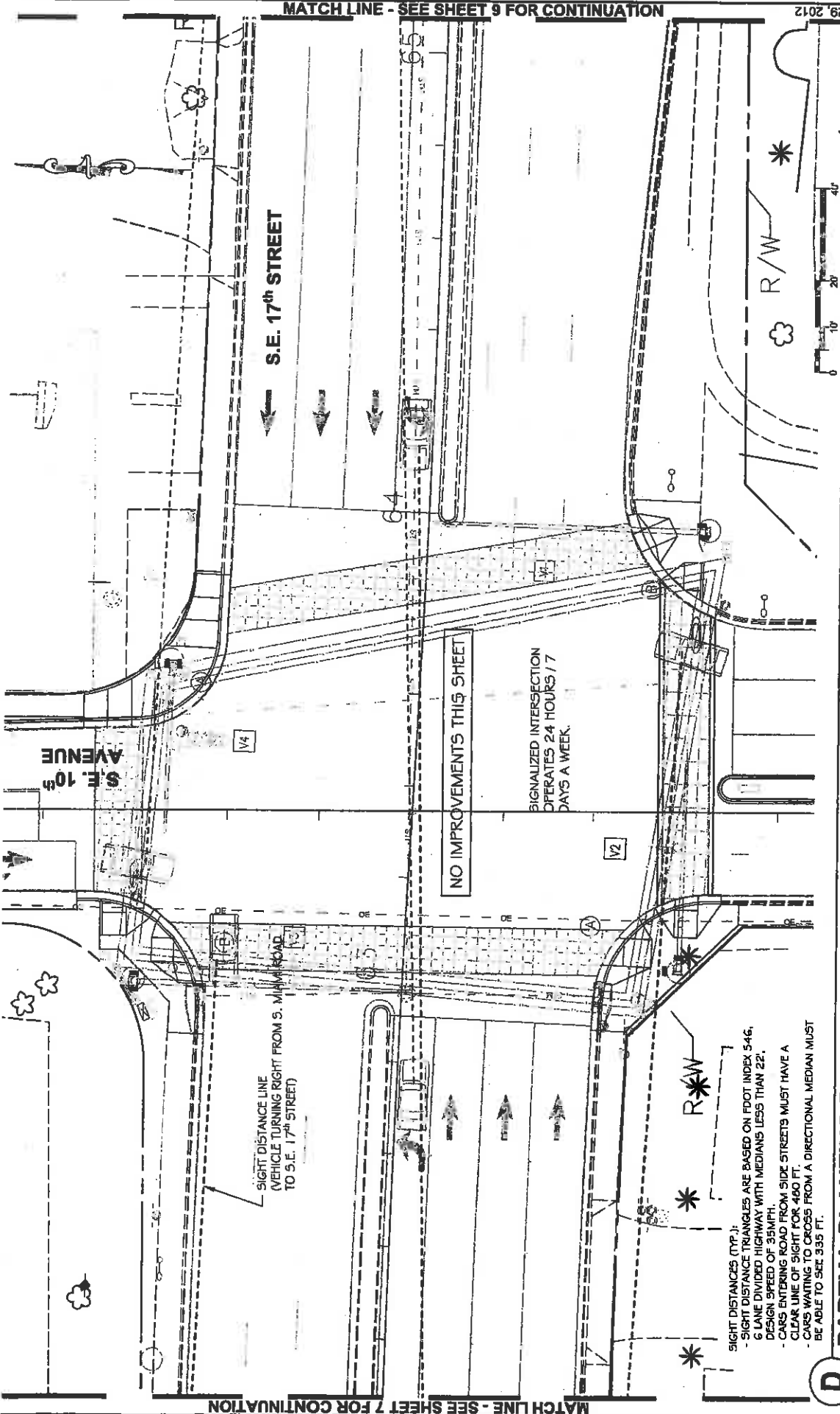
11/29/2012 3:01:34 PM F:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\2012\125311-LTD-PLANTING\_PLANS.dwg



MATCH LINE - SEE SHEET 9 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 8



MATCH LINE - SEE SHEET 7 FOR CONTINUATION

LANDSCAPE PLAN

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

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



REVISIONS

DATE DESCRIPTION

PARTIAL PLANTING PLAN

17/29/2012 3:01:14 PM P:\Projects\2012\125311 SE 17 ST Causeway Beautification Grant\GOOD Files\Drawings\125311-1108-PLANTING\_PLANS.dwg



SHEET NO. 10	
LANDSCAPE PLAN 1125-12	
S. R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO. A1A	FINANCIAL PROJECT ID 431108-1-58-01
COUNTY BROWARD	
11/29/2012 3:01:36 PM P:\Projects\2012\126311 SE 17 ST Causeway Beautification Grant\CADD Files\Drawings\126311-1108-PLANNING_PLANS.dwg	
USER: nmwmdc	

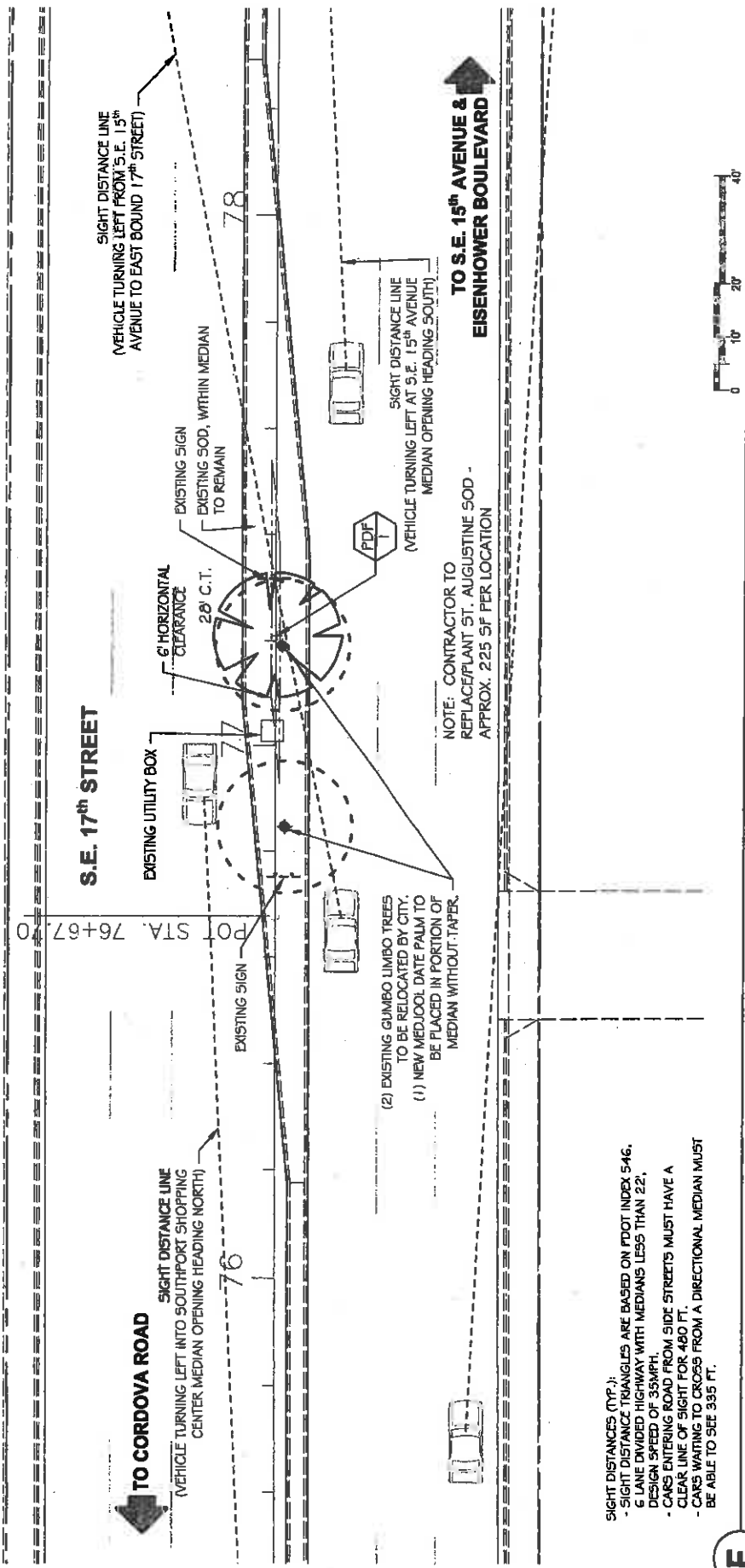
**F PARTIAL PLANTING PLAN**

- 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 480 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.

- (2) EXISTING JUMBO LIMBO TREES TO BE RELOCATED BY CITY.  
 (1) NEW MEDJOL DATE PALM TO BE PLACED IN PORTION OF MEDIAN WITHOUT TAPER.

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

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



MATCH LINE - SEE SHEET 12 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 11

LANDSCAPE PLAN

11-29-12

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

EXCEPTIONAL SOLUTIONS, INC.  
Cedric, Gordon & Associates, Inc.  
1728/2012-301356 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CADD Files\Drawings\125311-1100-PLANTING\_PLANS.dwg



ROAD NO. A1A

COUNTY BROWARD

FINANCIAL PROJECT ID 431108-1-58-01

USDC: mrmendoza

GRANDE DRIVE

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

TO EISENHOWER BOULEVARD

NO IMPROVEMENTS THIS SHEET

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

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

EXISTING 50D, WITHIN MEDIAN TO REMAIN

EXISTING CRINUM LILY TO REMAIN

EXISTING VARIEGATED GINGER LILY SHRUB MASS TO REMAIN

96

(9) EXISTING MED./OOL. DATE PALMS TO REMAIN

6' HORIZONTAL CLEARANCE

- 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 460 FT.
  - CARS WAITING TO CROSS FROM A DIRECTIONAL MEDIAN MUST BE ABLE TO SEE 335 FT.



**G PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION



MATCH LINE - SEE SHEET 14 FOR CONTINUATION

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

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

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

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

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

TO INTRACOASTAL WATERWAY

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

EXISTING CRINIMUM LILY TO REMAIN

REL 2

REL 30

FDM 3

NOTE: REPLACEMENT PLANTS ONLY.

25' O.C.

20' G.W.

20' G.W.

EXISTING FAN PALM TO REMAIN

EXISTING WART FERN TO REMAIN

EXISTING FAN PALM TO REMAIN

EXISTING WART FERN TO REMAIN

EXISTING CRINIMUM LILY TO REMAIN

EXISTING SOD, WITHIN MEDIAN TO REMAIN

22' C.T.

22' C.T.

22' C.T.

(2) EXISTING FAN PALMS TO BE RELOCATED BY CITY

(1) EXISTING FAN PALM TO BE RELOCATED BY CITY

NOTE: CONTRACTOR TO REPLACE 10 WART FERNS AT EACH NEW PALM LOCATION.

- 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 STREET'S 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.

# PARTIAL PLANTING PLAN

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL COLLIER, P.L.L.C.  
 COLLIER ASSOCIATES, INC.  
 EXCEPTIONAL SOLUTIONS, INC.  
 1700 W. UNIVERSITY BLVD., SUITE 100  
 TAMPA, FL 33613-7701  
 TEL: 813.251.8111  
 FAX: 813.251.8111  
 LICENSE NO. SA00000088  
 VENDOR NO. 155052873  
 USBC: nrmn02020

ROAD NO.	A1A	COUNTY	BROWARD	FINANCIAL PROJECT ID	431108-1-69-01
----------	-----	--------	---------	----------------------	----------------

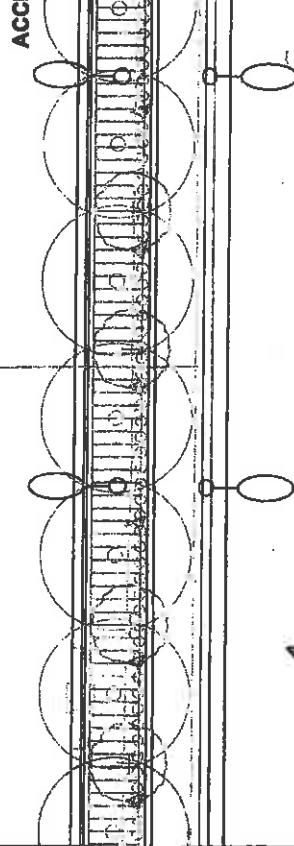
S.R. A1A (SE 17<sup>th</sup> CAUSEWAY) BEAUTIFICATION GRANT

LANDSCAPE PLAN 11-29-12

SHEET NO. 13

- 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.

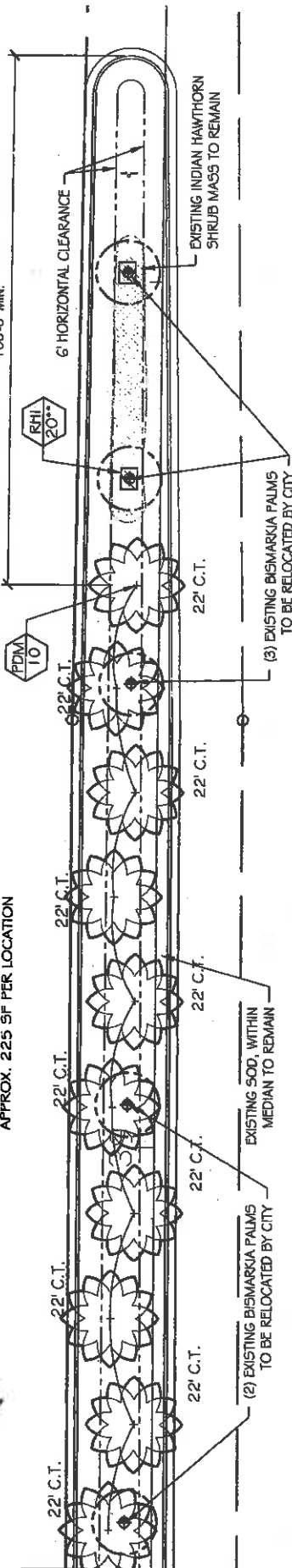
**ACCESS ROAD (17<sup>th</sup> STREET RAMP)**



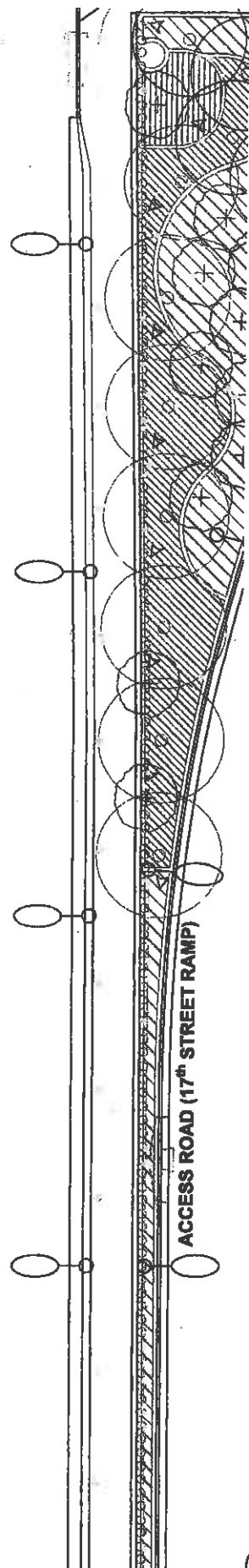
NOTE: CONTRACTOR TO REPLACE/PLANT ST. AUGUSTINE SOD - APPROX. 225 SF PER LOCATION

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

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



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



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

**J PARTIAL PLANTING PLAN**



1:20  
11-24-12  
M. P. Dill

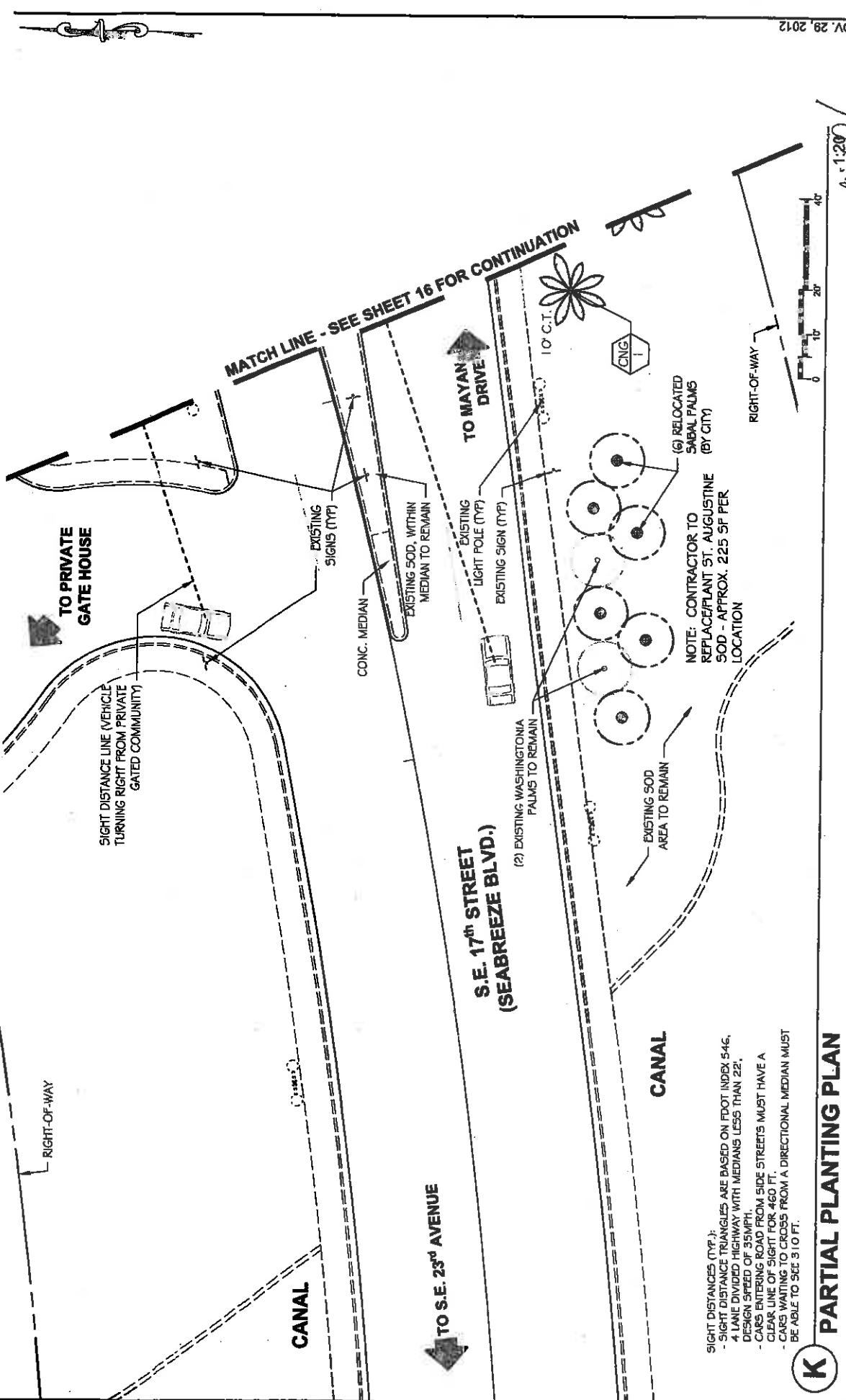


S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT  
ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01

NOV. 29, 2012  
SHEET NO. 14

**LANDSCAPE PLAN**

REVISIONS	DATE	DESCRIPTION



SIGHT DISTANCES (TYP.):

- SIGHT DISTANCE TRIANGLES ARE BASED ON FOOT INDEX 546, 4 LANE DIVIDED HIGHWAY WITH MEDIANS LESS THAN 22', DESIGN SPEED OF 55MPH.
- 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 5 TO FT.

**(K) PARTIAL PLANTING PLAN**

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, A.L.A.  
 (license no. 1111)  
**GREENSPACE SOLUTIONS, INC.**  
 1000 S. PALM BLVD., SUITE 100, PALM BEACH, FL 33480  
 PHONE: (561) 779-1111 FAX: (561) 779-1119  
 www.greenspacesolutions.com  
 U.S. PAT. & TRADEMARK OFFICE  
 U.S. PAT. NO. 6,252,573

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

NOV. 29, 2012

SHEET NO. **15**

LANDSCAPE PLAN 11-29-12





**IRRIGATION / WATERING NOTES:**

- GENERAL:
- CONTRACTOR SHALL COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT TIM SOUTHWAY 954-828-5594) 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/R.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 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.
  - CONTROL WIRE SHALL BE A MINIMUM OF 1/4 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 PER THE SCHEDULE ATTACHED (12), 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.
  - THE 12 MONTH WARRANTY/ESTABLISHMENT PERIOD SHALL BE EXTENDED BY 45 DAYS FOR ALL REPLACEMENT PLANT MATERIAL.
  - AT THE CLIENTS 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.
  - 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.

- WATERING SCHEDULE (FIRST 6 MONTHS):  
WEEK(S)  
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**

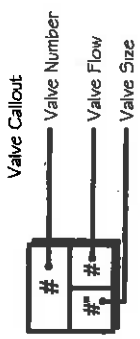
SYMBOL	MANUFACTURER/MODEL	QTY	GPM
◻	RAIN BIRD 1804-5AM-PRS-1400 FLOOD	8	0.5
▲	RAIN BIRD 1804-5AM-PRS-1400 FLOOD	39	

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 14198 VALVE BOX.	1

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



		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
A1A	BROWARD	431108-1-58-01	
11/29/2012 3:02:53 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CAD\Plan\Drawings\125311-1070-NOTES.dwg			

SHEET NO. 17

IRRIGATION NOTES & SCHEDULE

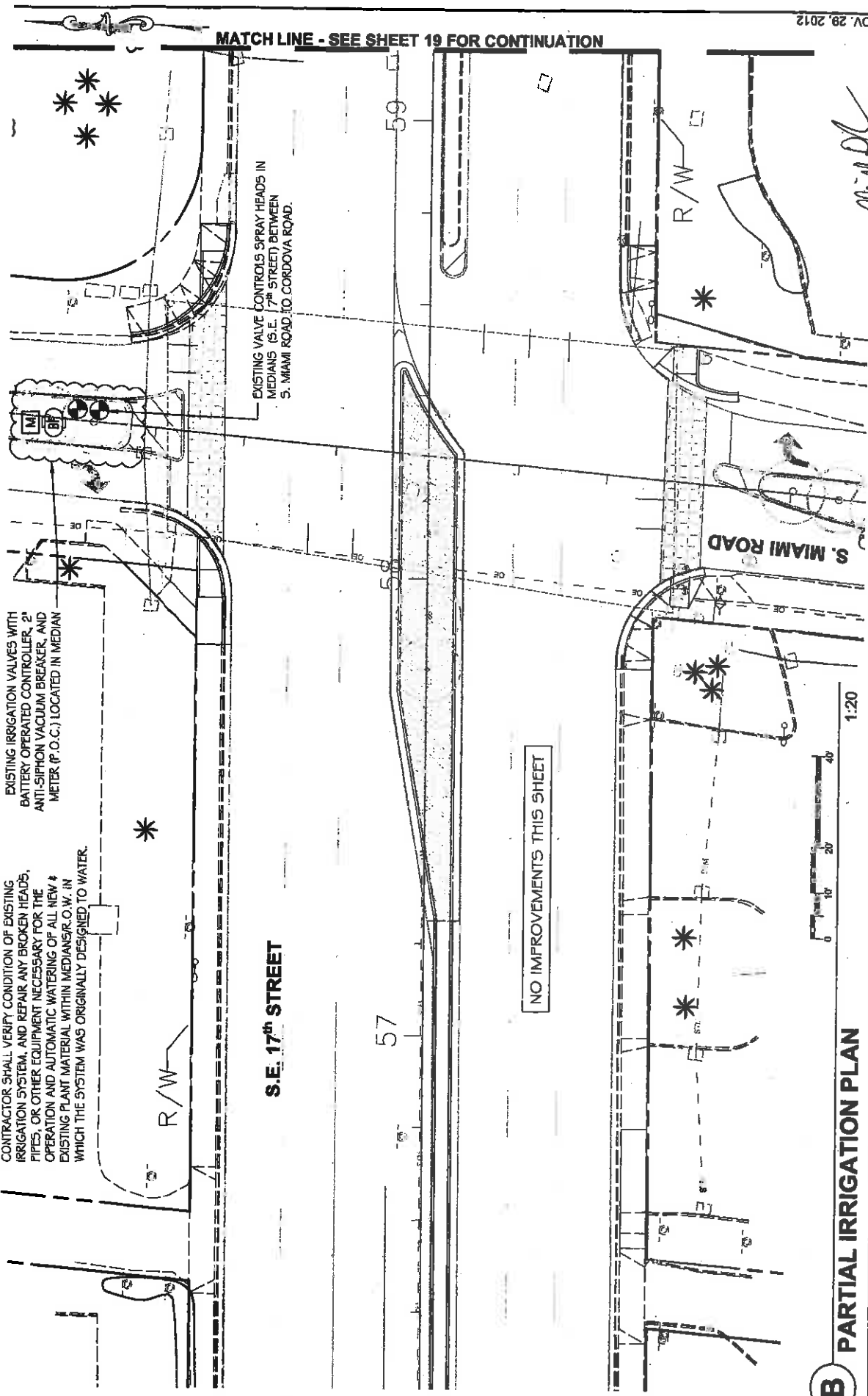
MATCH LINE - SEE SHEET 19 FOR CONTINUATION

NOV. 29, 2012

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 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

**B PARTIAL IRRIGATION PLAN**

REVISIONS	DATE	DESCRIPTION

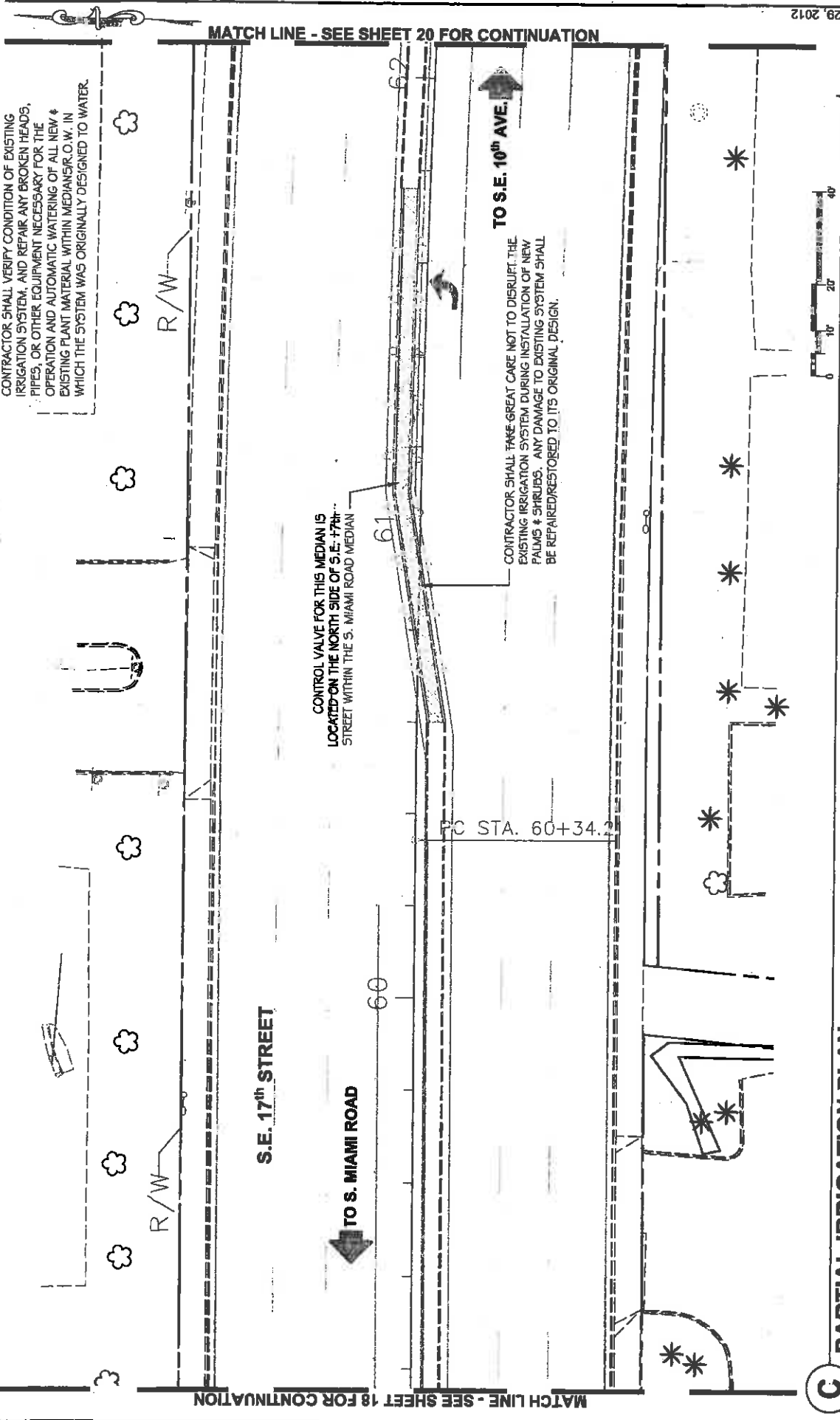
		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
A1A	BROWARD	431108-1-58-01

DATE	NOV. 29, 2012
SHEET NO.	18

11/29/2012 3:03:14 PM P:\Projects\2012\125311 SE 17 ST Causeway Beautification Grant\CADD Files\Drawings\125311-L100-IRRIGATION\_PLANS.dwg  
 USER: rmmendoza

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.



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

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.

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

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

TO S. MIAMI ROAD

PC STA. 60+34.2



**C PARTIAL IRRIGATION PLAN**

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01	
11/28/2012 3:03:18 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CAD Files\Drawings\125311-1100-IRRIGATION_LPANS.dwg USER: mmendoza	

**IRRIGATION PLAN**

SHEET NO. 19

1:20 PL  
 11-28-12

NOV. 29, 2012

MATCH LINE - SEE SHEET 18 FOR CONTINUATION

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 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	DESCRIPTION	REVISIONS	DATE	DESCRIPTION


  
 AMERICAN ARCHITECT OF RECORD: MICHAEL CONNER, A.L.A.  
 Cabin, Gardens & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS, Inc.  
 11000 SW 100<sup>th</sup> Ave, Suite 100, Miramar, FL 33181  
 Phone: (305) 231-7777 Fax: (305) 231-7881  
 Website: www.exceptionalsolutions.com  
 VISIONS U.S.A. INC. 62-271-5889  
 US/CA: International

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

SHEET NO. 21

**IRRIGATION PLAN**

1:20 DK  
 Flood 11-24-12

NOV. 29, 2012

13-0166  
 Exhibit 3  
 Page 30 of 50

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 MEDIAN/S.R.O.W. IN WHICH THE SYSTEM WAS ORIGINALLY DESIGNED TO WATER.

TO CORDOVA ROAD

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

POT STA. 76+67.0

76

77

78

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

EXISTING LATERAL, HAND DIG TO LOCATE.

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


  
 EXCEPTIONAL SOLUTIONS, Inc.  
 1800 E. Palm Ave, Suite 100, Fort Lauderdale, Florida 33314  
 P.O. Box 1001, Fort Lauderdale, Florida 33314  
 VENDOR I.D. NO. 85285-311  
 USER: mmendoza

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	A1A
COUNTY	BROWARD
FINANCIAL PROJECT ID	431108-1-59-01

SHEET NO. 22

IRRIGATION PLAN

NOV. 28, 2012

11/29/2012 3:03:45 PM P:\Projects\2012\25311 SE 17 ST Causeway Beautification Grant\CA00 Files\Drawings\25311-0100-IRRIGATION PLANS.dwg

REVISIONS	DATE	DESCRIPTION

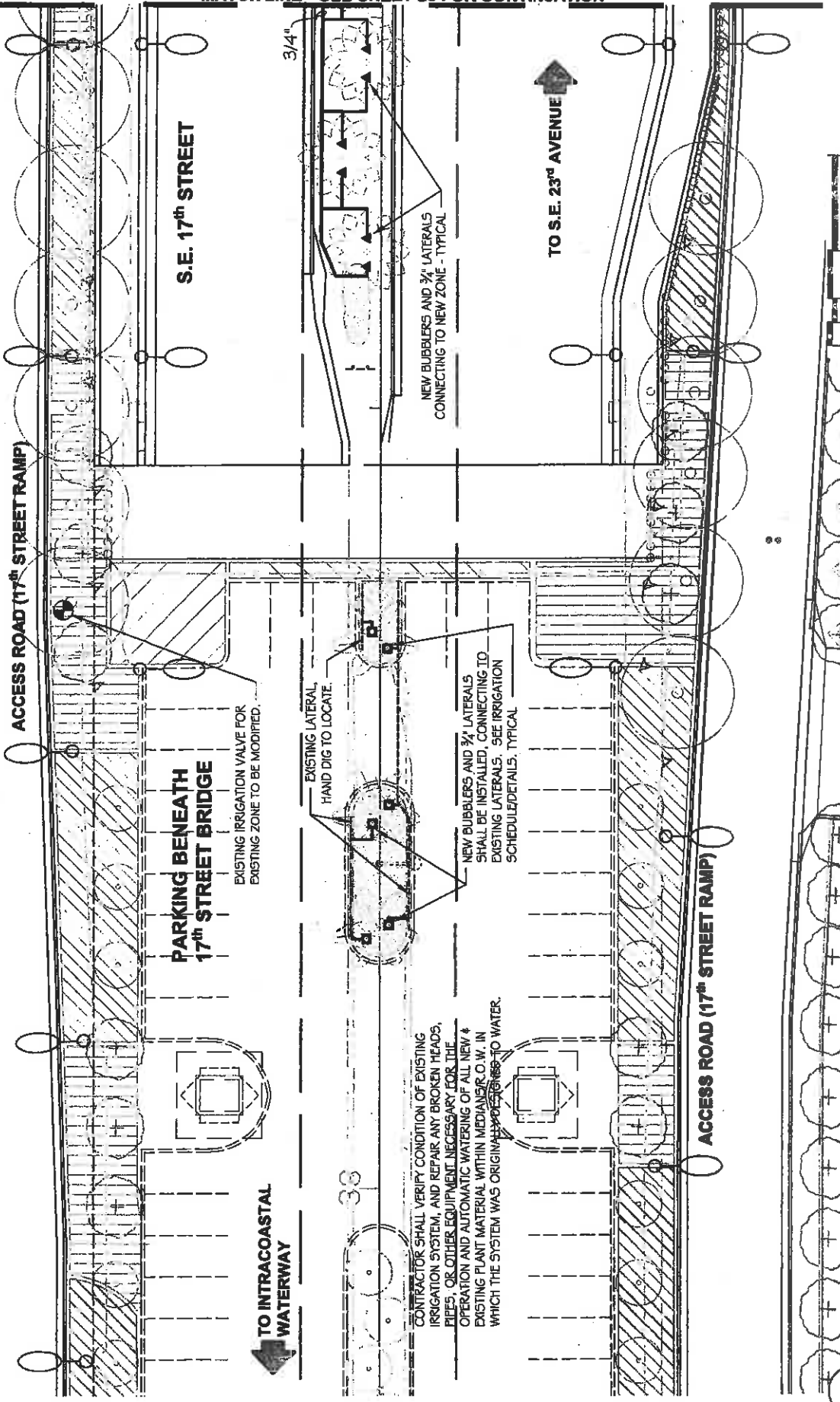




MATCH LINE - SEE SHEET 25 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 24



**1 PARTIAL IRRIGATION PLAN**

1:20

*Handwritten signature and date*  
11-29-12

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

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

UNLESS INDICATED OTHERWISE, ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING: **ASCE** (AMERICAN SOCIETY OF CIVIL ENGINEERS) **CONSTRUCTION SPECIFICATIONS FOR SEWER, WASTE, AND WATER MAINS** (SECTION 05110) AND **CONSTRUCTION SPECIFICATIONS FOR WATER MAINS** (SECTION 05120).  
**EXCEPTIONAL SOLUTIONS, INC.**  
 1800 North Pine, Suite 100, Fort Lauderdale, Florida 33314  
 Phone: (954) 341-1807  
 Fax: (954) 341-1807  
 www.exceptionalsolutions.com  
 USERT: imrendoza

11/29/2012 3:03:58 PM P:\Projects\2012\125311 SE 17 ST Causeway Beautification Grant\CADD Files\Drawings\125311-1100-IRRIGATION PLANS.dwg

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

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

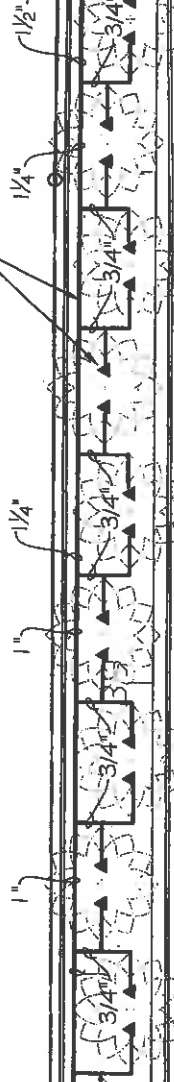
TO 17<sup>th</sup> STREET BRIDGE

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

EXISTING MAINLINE CROSSING & CONDUIT FOR CONTROL WIRE (PER EDGA IRRIGATION DESIGN - 11-G-2001)

T1	1"	26
----	----	----

NEW DUBBLERS, LATERAL & VALVE - TYPICAL



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.

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.

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



**J PARTIAL IRRIGATION PLAN**

REVISIONS	DATE	DESCRIPTION

UNDESIGNED PROJECT OF IRRIGATION SYSTEMS, S.L.L.A.  
 Calvin, Giordano & Associates, Inc.  
 EXCEPTIONAL SOLUTIONS  
 1000 Blue Oaks, Suite 400, Fort Lauderdale, Florida 33315  
 Phone: 954-571-1711 Fax: 954-571-1897  
 WWW.GIORDANO.COM  
 US/EU: mm@mm.com

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

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

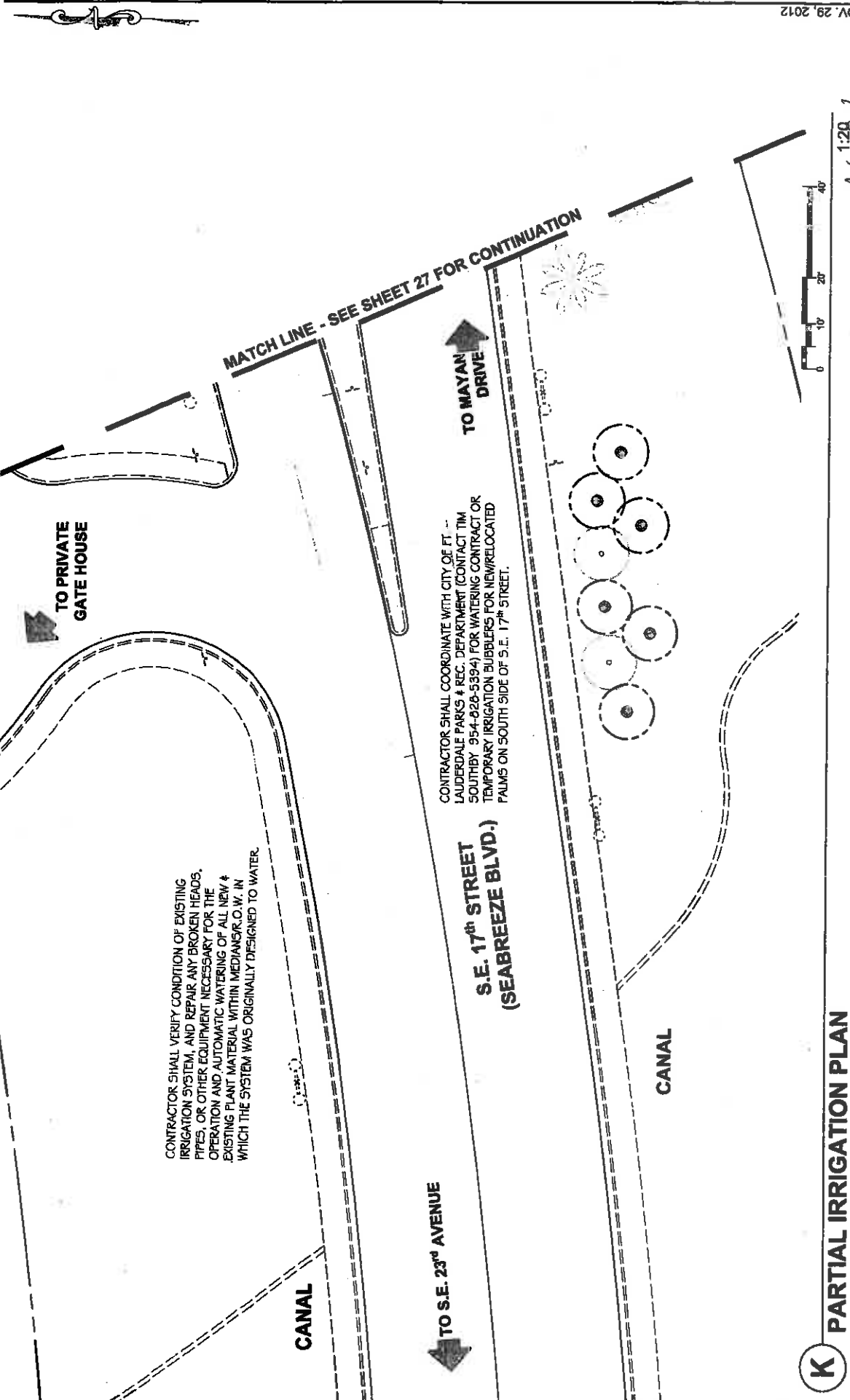
IRRIGATION PLAN	11-21-12
SHEET NO.	25

3:20  
*[Signature]*

NOV. 29, 2012

Grant/CADD File: Drawings\125311-01100-IRRIGATION\_PLANS.dwg

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 COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT TIM SOUTHWY 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.

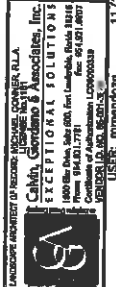
**(K) PARTIAL IRRIGATION PLAN**

DATE	REVISIONS	DESCRIPTION

		<b>S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT</b>	
<small>EXCEPTIONAL SOLUTIONS, Inc. 10000 E. Hwy. 190, Suite 100, Fort Lauderdale, Florida 33154 Phone: 954-351-1807 Fax: 954-351-1807 www.exceptionalsolutions.com</small>	<small>VERMONT, U.S.A. 05402-0000</small>	ROAD NO. <b>A1A</b>	COUNTY <b>BROWARD</b>
FINANCIAL PROJECT ID <b>431108-1-58-01</b>		IRRIGATION PLAN	

SHEET NO. **26**



REVISIONS	DATE	DESCRIPTION

**L PARTIAL IRRIGATION PLAN**



*Handwritten signature and date*

MATCH LINE - SEE SHEET 26 FOR CONTINUATION

MAYAN DRIVE

MAYAN DRIVE

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

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

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

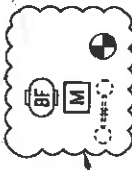
CONTRACTOR SHALL COORDINATE WITH CITY OF FT. LAUDERDALE PARKS & REC. DEPARTMENT (CONTACT TIM SOUTHEY, 954-828-5394) FOR WATERING CONTRACT OR TEMPORARY IRRIGATION BUBBLERS FOR NEWRELOCATED PALMS ON SOUTH SIDE OF S.E. 17<sup>TH</sup> STREET.

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.

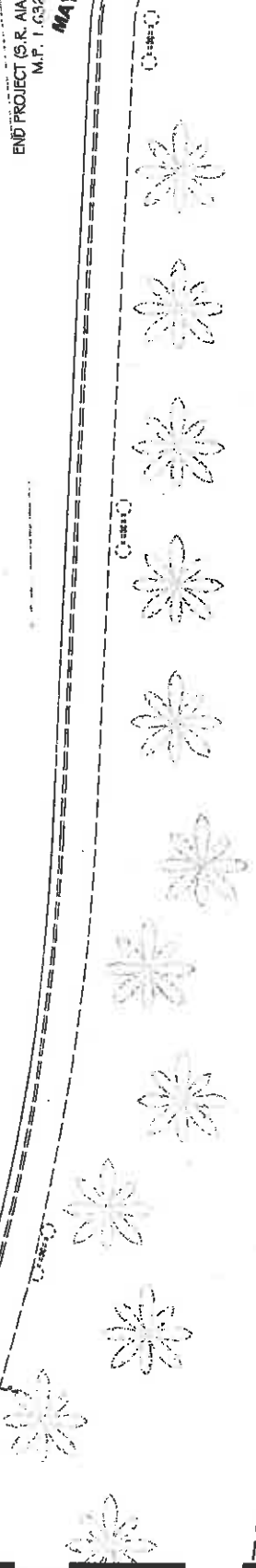
NEW BUBBLERS AND 3/4" LATERALS SHALL BE INSTALLED, CONNECTING TO EXISTING LATERALS. SEE IRRIGATION SCHEDULE/DETAILS, TYPICAL.

EXISTING LATERAL,  
HAND DIG TO LOCATE.

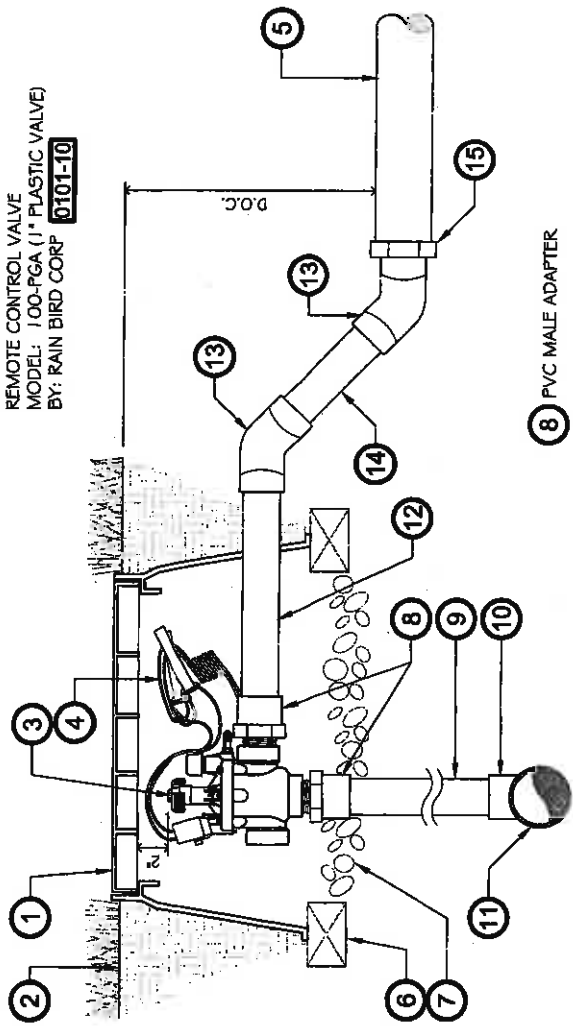
EXISTING IRRIGATION VALVE WITH BATTERY OPERATED CONTROLLER, 2" ANTI-SIPHON VACUUM BREAKER, AND METER (P.O.C.) LOCATED IN R.O.W.



43

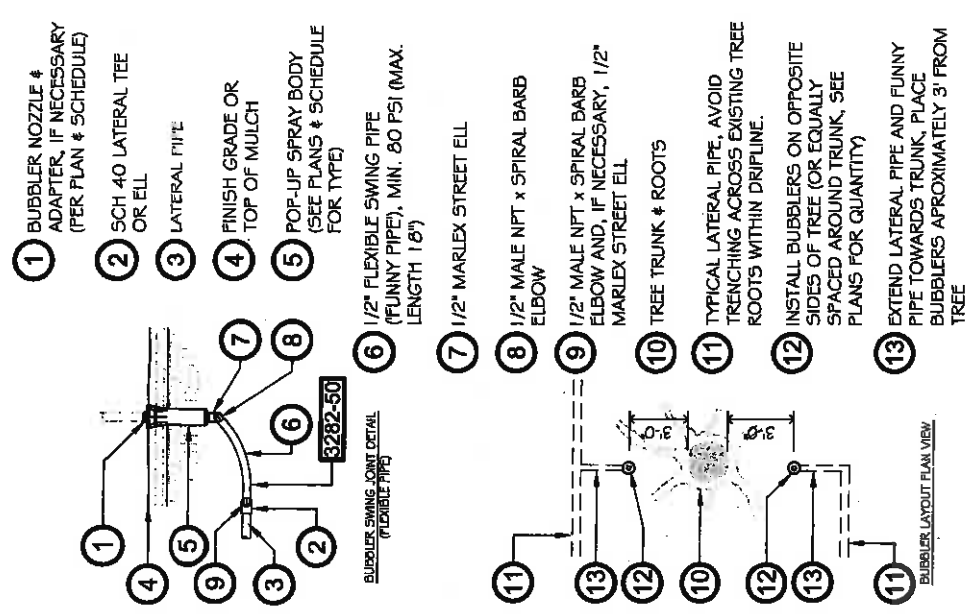






- 1 VALVE BOX & COVER (CARSON 1419-12)
- 2 FINISH GRADE
- 3 RAINBIRD FGA REMOTE CONTROL VALVE MODEL NO. 100-FGA (SIZE PER PLAN)
- 4 CONTROL WIRES WITH 1/2" MIN. SERVICE COIL AND WATERPROOF WIRE SPLICE CONNECTORS
- 5 PVC LATERAL LINE, SIZE PER PLAN
- 6 CONTINUOUS BRICK SUPPORTS
- 7 GRAVEL (1 CU. FT.)
- 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

328406.13-11  
**2** 1" ELECTRIC REMOTE CONTROL VALVE, ANGLE (1") N.T.S.



328403.56-01  
**3** BUBBLER ON 4" POP-UP N.T.S.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

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

11/29/2012 3:04:59 PM P:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CADD Files\Drawings\125311-1010-NOTES.dwg

IRRIIGATION DETAILS

SHEET NO. 29

**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/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: 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 / Motilization / 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**

*Venice 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.