

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
JOINT PARTICIPATION AGREEMENT
CONTRACT NUMBER AQX53

THIS AGREEMENT, entered into this 5th day of March 20 13, by and between the State of Florida Department of Transportation, a component agency of the State of Florida, hereinafter called the DEPARTMENT, and the **City of Fort Lauderdale**, a municipal corporation of the State of Florida, located at **100 North Andrews Avenue, Fort Lauderdale, Florida 33301**, hereinafter called the PARTICIPANT.

WITNESSETH

WHEREAS, the DEPARTMENT and the PARTICIPANT are desirous of having the PARTICIPANT make certain improvements in connection with **Financial Management (FM) Number 431108-1-58-01** for landscape, hardscape and/or irrigation improvements in the **City of Fort Lauderdale, Florida, 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)**, herein after referred to as the "Project". Refer to Exhibit "A" for a detailed Scope of Services and Exhibit "C" for a set of Project Plans attached hereto and made a part hereof; and,

WHEREAS, the improvements are in the interest of both the PARTICIPANT and the DEPARTMENT and it would be more practical, expeditious, and economical for the PARTICIPANT to perform such activities; and,

WHEREAS, the PARTICIPANT by Resolution No. 13-18 adopted on February 5, 20 13, a copy of which is attached hereto and made a part hereof, authorizes the proper officials to enter into this Agreement.

NOW, THEREFORE, in consideration of the mutual benefits to be derived from joint participation on the Project, the parties agree to the following:

- 1) The recitals set forth above are true and correct and are deemed incorporated herein.
- 2) The PARTICIPANT shall be responsible for assuring that the Project complies with all applicable Federal, State and Local laws, rules, regulations, guidelines and standards, and will not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the performance of work under the Agreement.
- 3) The DEPARTMENT agrees to make all previous studies, maps, drawings, surveys and other data and information pertaining to the Project available to the PARTICIPANT at no extra cost.
- 4) The PARTICIPANT shall have the sole responsibility for resolving claims and requests for additional work for the Project at no additional cost to the Department. The PARTICIPANT will make best efforts to obtain the DEPARTMENT'S input in its decisions.

- 5) The total cost of the Project is estimated at **One Hundred Eighty Thousand Dollars and No Cents (\$180,000.00)**. The DEPARTMENT agrees to pay **(One Hundred Percent) (100%)** of the total actual cost of the Project, up to a maximum amount of **One Hundred Eighty Thousand Dollars and No Cents (\$180,000.00)** for actual costs incurred. The PARTICIPANT shall submit progress billings to the DEPARTMENT on a quarterly basis. The balance of the Project cost shall be the sole responsibility of and paid by the PARTICIPANT. The PARTICIPANT acknowledges and agrees that the DEPARTMENT'S obligation to make payment under the AGREEMENT is contingent upon an annual appropriation by the Florida legislature.
- 6) The PARTICIPANT will comply with the Federal and/or State Audit provisions set forth in Exhibit "D" and Exhibit "E" which are attached hereto and made part of this Agreement.
- 7) The PARTICIPANT must obtain a permit from the DEPARTMENT before the PARTICIPANT may proceed with construction of the Project.
- 8) The PARTICIPANT:
 - a) 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 PARTICIPANT during the term of the contract; and
 - b) 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 contract term.
- 9) The PARTICIPANT must certify that the installation of the project is completed by a Contractor prequalified by the DEPARTMENT as required by Section 2 of the Standard Specifications for Road and Bridge Construction (2013), as amended unless otherwise approved by the DEPARTMENT in writing.

Construction Engineering Inspection (CEI) services will be provided at the Participant's sole cost by hiring a DEPARTMENT prequalified consultant firm including one individual that has completed the Advanced Maintenance of Traffic Level Training, unless otherwise approved by the DEPARTMENT in writing. The CEI staff shall be present on the Project at all times that the contractor is working. Administration of the CEI staff shall be under the responsible charge of a State of Florida licensed Professional Engineer. The DEPARTMENT shall approve all CEI personnel.
- 10) This Agreement and any interest herein shall not be assigned, transferred or otherwise encumbered by the PARTICIPANT under any circumstances without the prior written consent of the DEPARTMENT. However, this Agreement shall run to the DEPARTMENT and its successors.
- 11) Except as otherwise set forth herein, this Agreement shall continue in effect and be binding to both the PARTICIPANT and the DEPARTMENT until the Project is accepted in writing by the DEPARTMENT'S Project Manager as complete, or **December 31, 2014**, whichever occurs first. The DEPARTMENT and PARTICIPANT may agree to extend this Agreement in writing. The PARTICIPANT shall delegate signature authority to the City Manager.

- 12) The PARTICIPANT shall provide the following quantifiable, measurable, and verifiable units of deliverables. Each deliverable must specify the required minimum level of service to be performed and the criteria for evaluating successful completion. The deliverables for the Project are shown in Exhibit B, Deliverables, attached hereto and a made apart hereof. The PARTICIPANT will need DEPARTMENT approval if deviating from these deliverables as shown in Exhibit B.

The PARTICIPANT will be reimbursed only for actual expenses incurred during the Agreement time period that are directly related to the installation of landscape improvements as set forth in this Agreement. The PARTICIPANT will submit a written progress report by the 15th day of the month following the installation attesting to the actual number of large and/or small plants installed, along with all irrigation parts received and installation at the Project site. Upon completion, the PARTICIPANT will notify the DEPARTMENT'S Landscape Architect of the landscape improvements contemplated in this Agreement. Deliverables must be received and accepted in writing by the DEPARTMENT'S Project Manager prior to payments.

- 13) The PARTICIPANT shall agree to maintain all landscape improvements at its sole cost and expense and in accordance with the terms of the Amendment Number Five (5) City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement attached hereto and made a part hereof as Exhibit F.
- 14) Upon completion and certification of Project, the PARTICIPANT must submit the final invoice to the DEPARTMENT within 180 days after the final acceptance of the Project which follows the 365 day warranty period. Invoices submitted after the 180 day time period will not be paid.
- 15) Payment shall be made only after receipt and approval of goods and services unless advance payments are authorized by the Department of Financial Services under **Section 215.422(14), Florida Statutes**, or by the DEPARTMENT'S Comptroller under **Section 334.004(29), Florida Statutes**.
- 16) Invoices shall be submitted by the PARTICIPANT in detail sufficient for a proper pre-audit and post-audit thereof, based on the quantifiable, measurable and verifiable units of deliverables as established in 12) above and Exhibit B.
- 17) Supporting documentation must establish that the deliverables were received and accepted in writing by the PARTICIPANT and that the required minimum level of service to be performed based on the criteria for evaluating successful completion as specified in 12) has been met.
- 18) PARTICIPANT providing goods and services to the DEPARTMENT should be aware of the following time frames. The DEPARTMENT has (10) ten working days to inspect and approve the goods and services where working day is defined as any day of the week excluding Saturday, Sunday and any legal holiday as designated in **Section 110.117, Florida Statutes**. The DEPARTMENT has (20) twenty working days to deliver a request for payment (voucher) to the Department of Financial Services. The (20) twenty working days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

- 19) If a payment is not available within (40) forty days, a separate interest penalty at a rate as established pursuant to **Section 55.03(1), Florida Statutes**, will be due and payable, in addition to the invoice amount, to the PARTICIPANT. Interest penalties of less than one (1) dollar will not be enforced unless the PARTICIPANT requests payment. Invoices that have to be returned to a PARTICIPANT because of PARTICIPANT preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the DEPARTMENT.
- 20) A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for Participants who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.
- 21) Records of costs incurred under the terms of this Agreement shall be maintained and made available upon request to the DEPARTMENT at all times during the period of this Agreement and for five years after final payment is made. Copies of these documents and records shall be furnished to the DEPARTMENT upon request. Records of costs incurred include the PARTICIPANT'S general accounting records and the Project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the Project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.
- 22) In the event this contract is for services in excess of TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00) and a term for a period of more than one year, the provisions of **Section 339.135(6)(a), Florida Statutes**, are hereby incorporated:

"The DEPARTMENT, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that such funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year."
- 23) The PARTICIPANT warrants that it has not employed or obtained any company or person, other than bona fide employees of the PARTICIPANT, to solicit or secure this Agreement, and it has not paid or agreed to pay any company, corporation, individual or firm, other than a bona fide employee employed by the PARTICIPANT. For breach or violation of this provision, the DEPARTMENT shall have the right to terminate the Agreement without liability.

- 24) With respect to any of the PARTICIPANT'S agents, consultants, sub consultants, contractors and / or sub contractors, such party in any contract for this Project shall agree to indemnify, defend, save and hold harmless the DEPARTMENT from all claims, demands, liabilities and suits of any nature arising out of, because of, or due to any intentional and / or negligent act or occurrence, omission or commission of such agents, consultants, sub consultants, contractors and / or sub contractors. The PARTICIPANT shall provide to the DEPARTMENT written evidence of the foregoing upon the request of the DEPARTMENT. It is specifically understood and agreed that this indemnification does not cover or indemnify the DEPARTMENT for its own negligence.
- 25) This Agreement is governed by and construed in accordance with the laws of the State of Florida. In the event it becomes necessary for the DEPARTMENT or PARTICIPANT to institute suit for the enforcement of the provisions of this AGREEMENT, each party shall be responsible to pay their own attorney fees and court costs. Venue with respect to such litigation shall be in Broward County, Florida.
- 26) This document incorporates and includes all prior negotiations, correspondence, conversations, agreements, or understandings applicable to the matters contained herein, and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document except the **Amendment Number Five (5) City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement** between the DEPARTMENT and the PARTICIPANT which is included as Exhibit F. Accordingly, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representation or agreements whether oral or written. It is further agreed that no modification, amendment, or alteration in the terms and conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.
- 27) Any or all notices (except invoices) given or required under this Agreement shall be in writing and either personally delivered with receipt acknowledged or sent by certified mail, return receipt requested. All notices delivered shall be sent to the following addresses:

If to the DEPARTMENT:

State of Florida Department of Transportation
3400 West Commercial Blvd.
Ft. Lauderdale, FL 33309-3421
Attention: Elisabeth A. Hassett, R.L.A.
FDOT District IV Landscape Architect
A second copy to: Office of the General Counsel

If to the PARTICIPANT:

City of Fort Lauderdale
100 North Andrews Avenue,
Fort Lauderdale, Florida 33301
Eric Czerniejewski
With a Copy to: City Attorney

24. LIST OF EXHIBITS

- Exhibit A: Scope of Services
- Exhibit B: Deliverables
- Exhibit C: Project Plans
- Exhibit D: Federal and /or State Funded Contracts
- Exhibit E: Authorization
- Exhibit F: Amendment Number Five (5) City of Fort Lauderdale Landscape Inclusive Maintenance Memorandum of Agreement

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:

Jeannette A. Johnson
Jeannette A. Johnson
Chickie DeBenedis
Alexa DeBenedis

(SEAL)

CITY OF FORT LAUDERDALE

By: [Signature]
JOHN P. '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

Attest: [Signature] (SEAL)
Executive Secretary

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

Date

3/1/13
Date

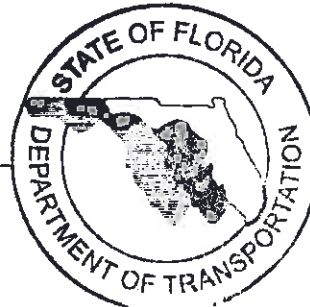


EXHIBIT A SCOPE OF SERVICES

The PARTICIPANT (City of Fort Lauderdale) agrees to make certain landscape improvements on **State Road A1A (S.E. 17th Street Causeway) from State Road 5 (US 1) (M.P. 0.000) to Mayan Drive (M.P. 1.632), Fort Lauderdale, Florida**, and will subsequently furnish, construct, and inspect the landscape, hardscape, and/or irrigation as shown in the plans and specifications prepared by **Michael Conner, RLA, of Calvin, Giordano & Associates, Inc.** The following conditions shall apply:

- (a) The current Florida Department of Transportation Design Standard Index 546 must be adhered to.
- (b) Clear zone/horizontal clearance as specified in the Plans Preparation Manual – English Volume 1, Chapter 2 and Department Design Standard Index 700 must be adhered to.
- (c) Landscape materials shall not obstruct roadside signs or the view zone for permitted outdoor advertising signs per Florida Statutes 479.106.
- (d) Landscape, hardscape, and/or irrigation materials shall be of a size, type and placement so as not to impede large machine mowing that the DEPARTMENT currently provides and will continue to provide at the same frequency.
- (e) Should the PARTICIPANT elect to design, furnish and construct irrigation, all costs associated with water source connection(s), continued maintenance of the distribution system and water, and electricity costs shall be born solely by the PARTICIPANT. All permits (including tree permits), fees, and any mitigation associated with the removal, relocation or adjustments of these improvements are the PARTICIPANT'S responsibility.
- (f) During the installation of the Project and future maintenance operations, maintenance of traffic shall be in accordance with the current edition of the MUTCD and the current Department Design Standards (series 600).
- (g) The PARTICIPANT shall secure a permit from the DEPARTMENT prior to the commencement of any work. The Engineer of Record (EOR) shall meet with Permit Staff prior to permit application and provide the local maintenance office located at: FDOT Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, a twenty-four (24) hour telephone number and the name of a responsible person that the DEPARTMENT may contact. The PARTICIPANT shall notify the local maintenance office 48 hours prior to the start of the Project and provide as-built plans at project completion.
- (h) If there is a need to restrict the normal flow of traffic it shall be done on Monday-Friday during off-peak hours (9 AM to 3 PM), and the party performing such work shall give 48 hour notice to the local law enforcement agency within whose jurisdiction such road is located prior to commencing work on the Project. The DEPARTMENT'S Public Information Office shall also be notified by phone at 954-777-4092 at least 48 hours in advance.
- (i) The PARTICIPANT shall be responsible to clear all utilities within the Project limits.

EXHIBIT B
DELIVERABLES

***THE PARTICIPANT WILL NEED DEPARTMENT APPROVAL IF DEVIATING FROM THESE DELIVERIBLES AS SHOWN IN EXHIBIT B.**

Large Plants	Units	62
Small Plants	Units	490
Sod	Square Feet	8550
1 year-warranty and maintenance	Lump Sum	1
MCT/Mobilization/General Conditions	Lump Sum	1
Irrigation bubblers	Units	24

EXHIBIT C
PROJECT PLANS

Please see attached plans prepared by:

Michael Conner, RLA,
Calvin, Giordano & Associates, Inc.

Dated: **November 29, 2012**

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID: 431108-1-58-01

(FEDERAL FUNDS)

BROWARD COUNTY (8618000)

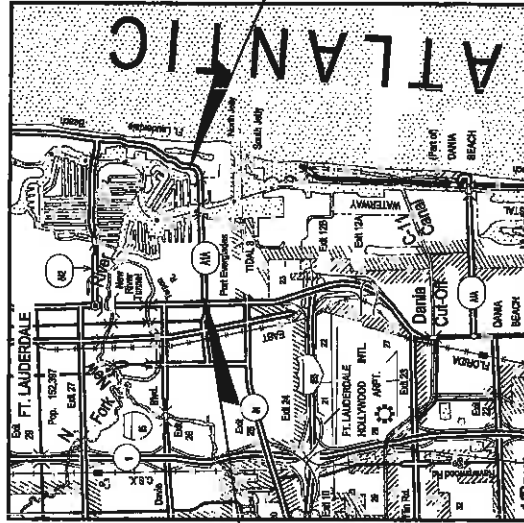
STATE ROAD NO. A1A

LANDSCAPE PLANS

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

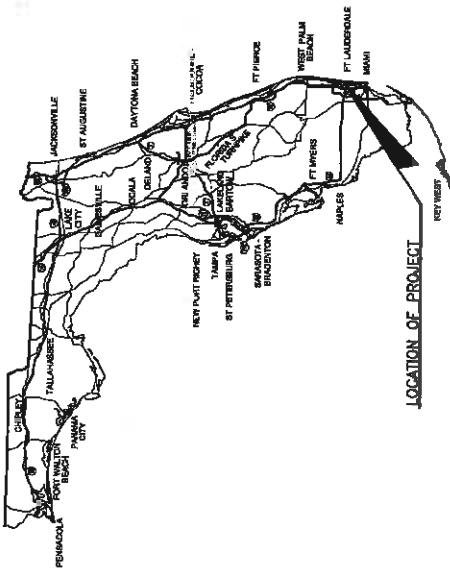
INDEX OF LANDSCAPE PLANS

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



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:
GA
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
10000 W. Broward Blvd., Suite 100
Fort Lauderdale, FL 33315
Phone: 954.371.7781 Fax: 954.371.8889
Certificate of Registration LC00000000
VENDOR ID: 0000000000

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

DATE	KEY SHEET REVISIONS DESCRIPTION

LANDSCAPE PLANS
ARCHITECT OF RECORD: MCDUFF CONNER, P.L.L.C.

RLA. NO.: LICENSE NO. 18187
MCDUFF CONNER
11-21-12

FISCAL YEAR	2013
SHEET NO.	-

NOV 29 2012

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, § 1, 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-USA
Landscape Architect - Certified Arborist

CITY OF FORT LAUDERDALE PARKS AND RECREATION
1360 West Broward Boulevard
Fort Lauderdale, Florida 33312
954-928-5350
thomasw@cityofftlauderdale.gov

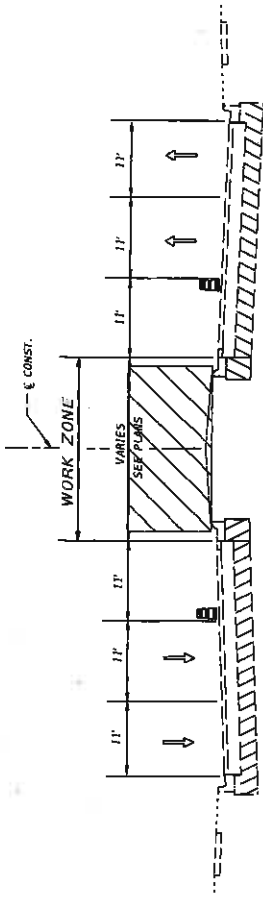
FDOT PROJECT MANAGER: ELISABETH HASSETT, RLA (FDOT DISTRICT IV LANDSCAPE ARCHITECT)

USER: mmmba2

11/29/2012 2:56:47 PM F:\Projects\2012\125311 SE 17 St Causeway Beautification Grm\2000 File Drawings\23011-L-COVER.dwg

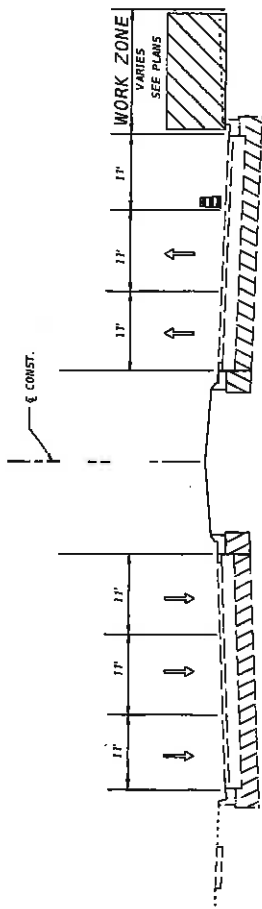
TRAFFIC CONTROL PLAN - GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FOOT DESIGN STANDARDS DATED 2012/2013, INDEX 600 SERIES, MUTCD 2009 AND PROJECT PLANS.
2. THE REGULATORY SPEED LIMIT FOR S.R. AIA/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 NOT 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 AIA/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.



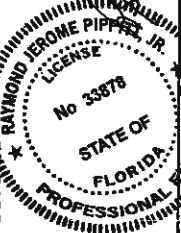
FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613 AND 616.

WORK IN MEDIAN

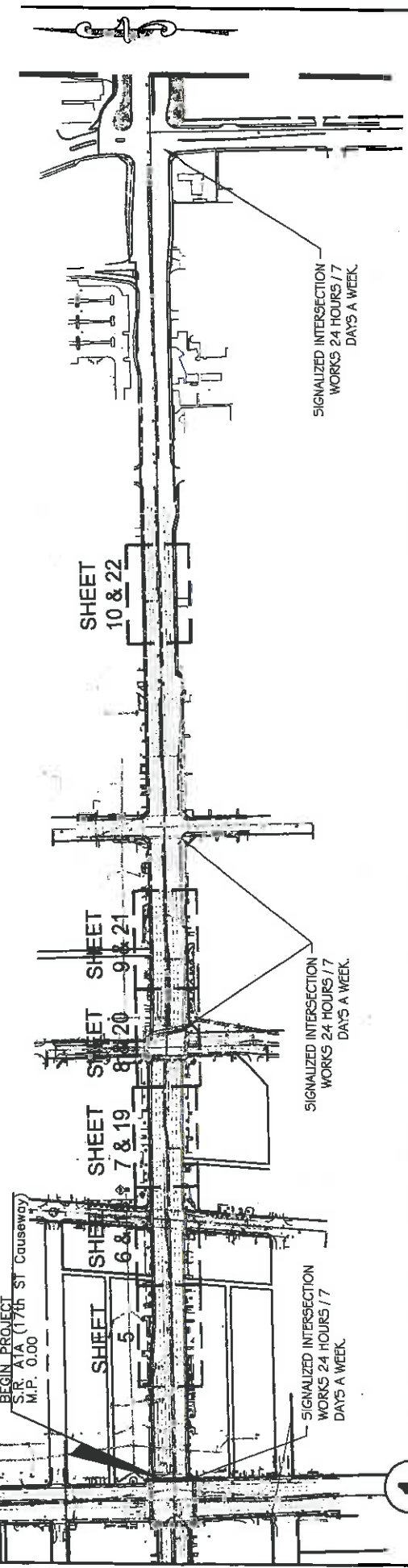


FOR WORK IN MEDIAN FOLLOW DESIGN STANDARD INDEXES 600, 613, 616 AND 660.

WORK ON OUTSIDE



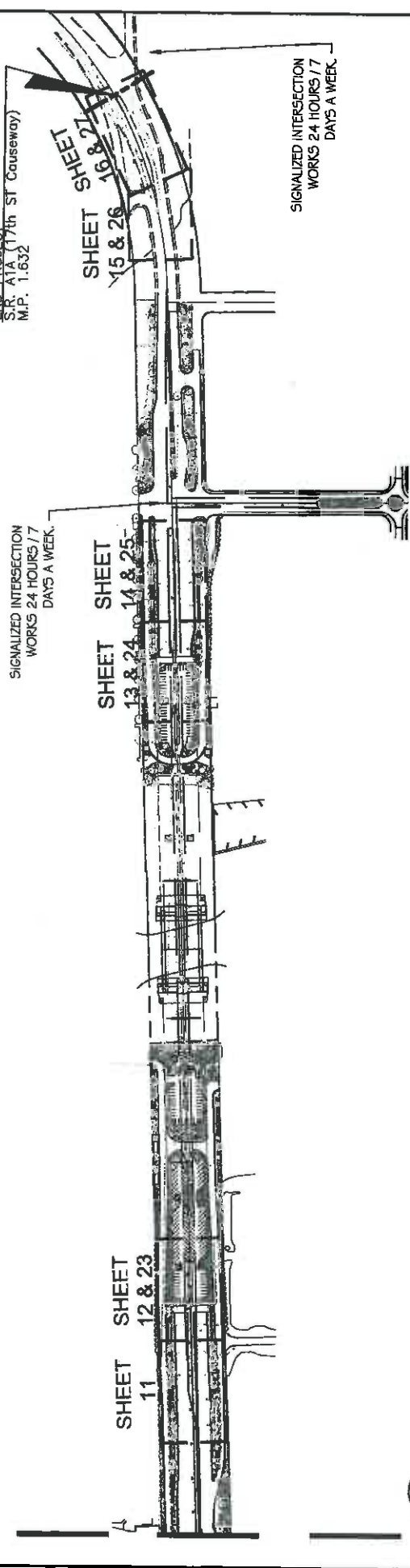
Engineer of Record: Raymond J. Pippitt, PE No. 33878 Calvin, Giordano & Associates, Inc. EXCEPTIONAL SOLUTIONS 1100 Pine Glen Court, Fort Lauderdale, Florida 33316 Phone: (954) 341-1100 Fax: (954) 341-1101 Certificate of Authorization # 4 Vendor ID: No. 05-001-0307		ROAD NO. AIA COUNTY BROWARD FINANCIAL PROJECT ID 43708-1-58-01	SHEET NO. 1
DATE REVISIONS DESCRIPTION DATE		PROJECT 11/28/2012 9:03 PM P:\Projects\01\123511 SE 17 ST CAUSEWAY BEAUTIFICATION GRANCAUSEWAY VENDOR01.dgn	PLAN



1 EAST OF EISENHOWER TO US-1

1:300

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



2 WEST OF EISENHOWER

1:300

Michael P. ...

DATE	REVISIONS	DESCRIPTION	DATE	DESCRIPTION

UNIVERSITY AVENUE OF RECORD: MICHAEL COLLIER, R.L.A.
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS
1800 Blue Drive, Suite 600, Fort Lauderdale, Florida 33318
Phone: 954.831.7781 Fax: 954.831.4107
www.exceptionalsolutions.com
VANDERBILT UNIVERSITY LICENSEE
USER: mrmendoza

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

OVERALL KEY PLAN

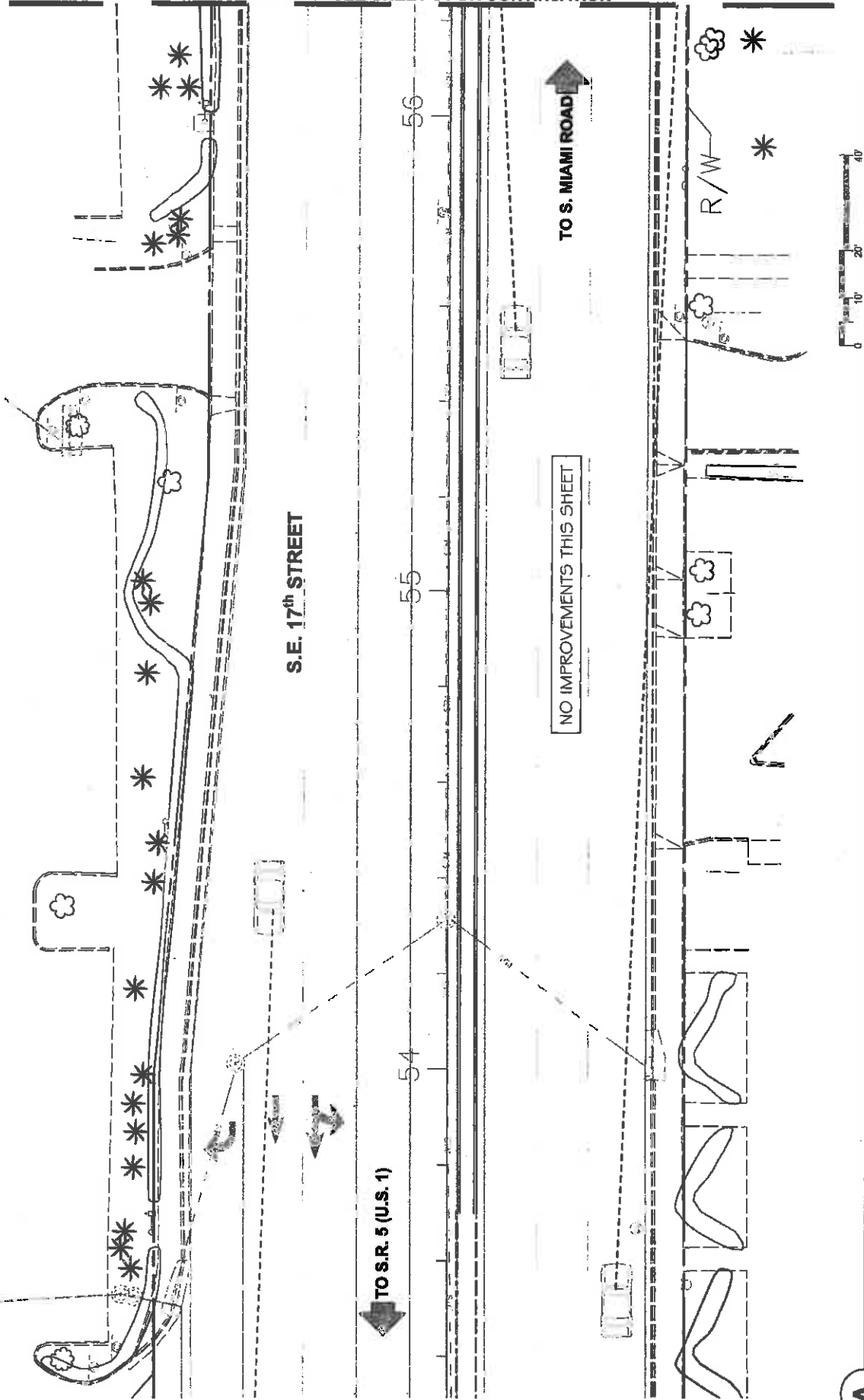
SHEET NO. 2

NOV. 29, 2012

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MATCH LINE - SEE SHEET 6 FOR CONTINUATION

NOV. 29, 2012



S.E. 17th STREET

TO S. MIAMI ROAD

NO IMPROVEMENTS THIS SHEET

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

A PARTIAL PLANTING PLAN

DATE	REVISIONS	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: LUSKINS, DOWNER, R.L.A.
 Calvin, Gandino & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1000 Biscayne Blvd, Suite 600, Fort Lauderdale, Florida 33316
 Phone: 954.671.7799 Fax: 954.671.1407
 WWW.LUSKINS-DA.COM
 LICENSE NO. 01-000438
 USER: mmrphoza

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

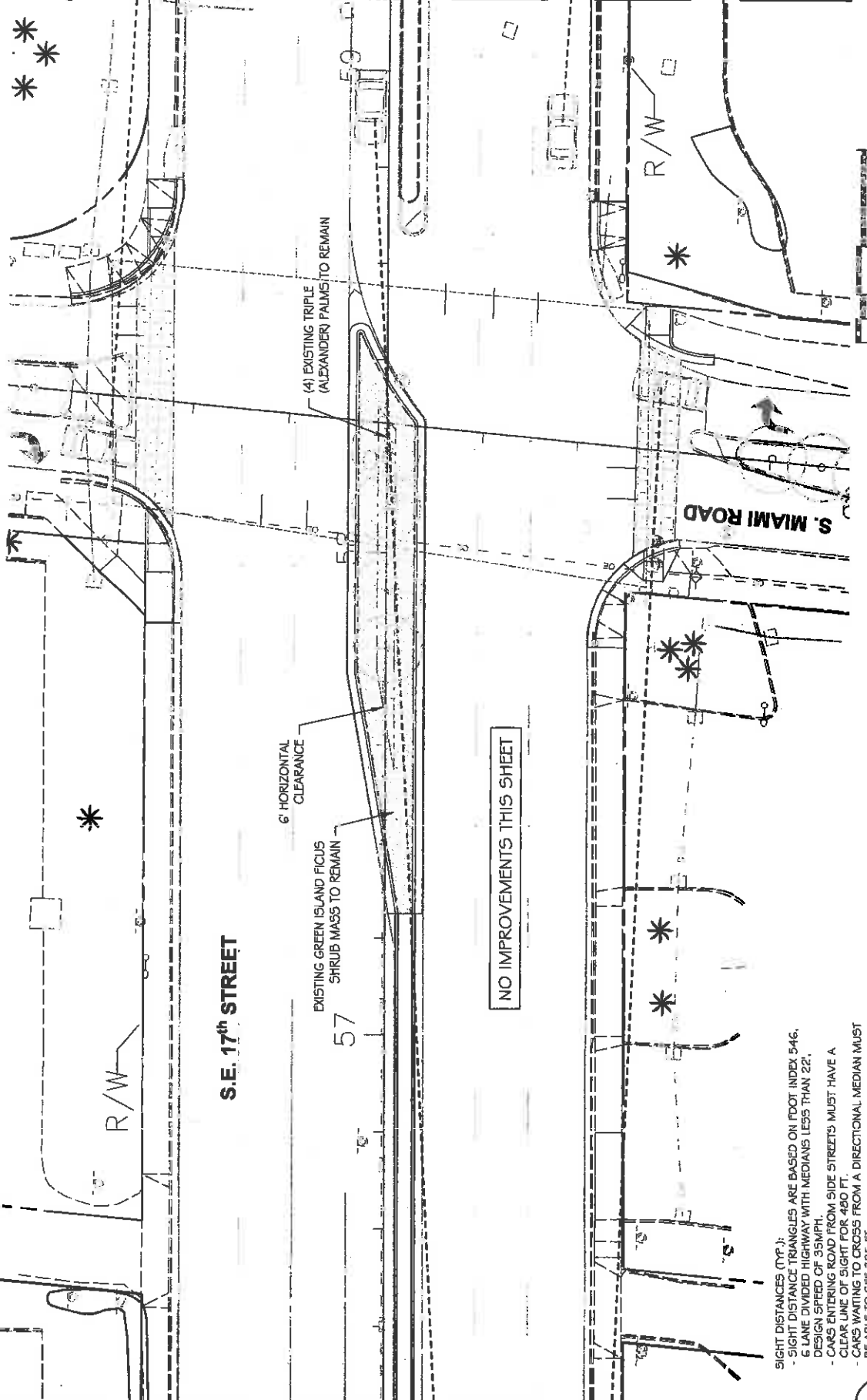
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT
 LANDSCAPE PLAN
 11/29/12

SHEET NO. 5

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MATCH LINE - SEE SHEET 7 FOR CONTINUATION

NOV. 28, 2012



S.E. 17th STREET

6' HORIZONTAL CLEARANCE

EXISTING GREEN ISLAND FICUS SHRUB MASS TO REMAIN

(4) EXISTING TRIPLE (ALEXANDER) PALMISTS TO REMAIN

NO IMPROVEMENTS THIS SHEET

S. MIAMI ROAD

0 10 20 40'

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

B PARTIAL PLANTING PLAN

DATE	DESCRIPTION	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: **EXCEPTIONAL SOLUTIONS**
 1100 Blue Drive, Suite 201, Fort Lauderdale, Florida 33319
 Phone: 954.331.7794 Fax: 954.371.1897
 WWW.EXCEPTIONALSOLUTIONSFL.COM
 VERMONT LICENSE NO. 05-025330
 USER: mmendoza

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

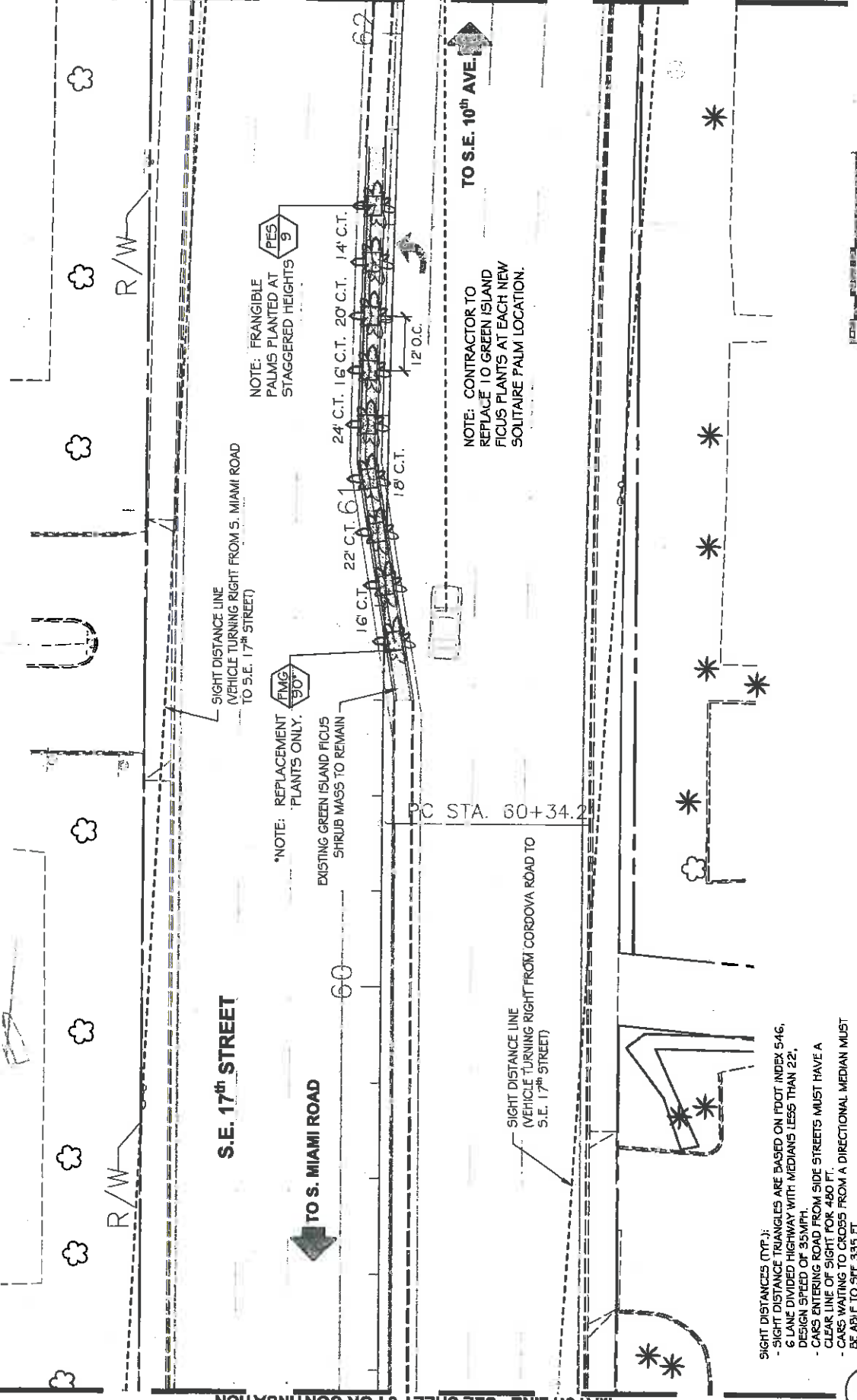
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
LANDSCAPE PLAN 11-24-12	
SHEET NO.	6

MATCH LINE - SEE SHEET 5 FOR CONTINUATION

11/28/2012 3:00:59 PM F:\Projects\2012\125311 SE 17 St Causeway Beautification Grant\CADD Files Drawings\125311-1100-PLANTING_PLANS.dwg

MATCH LINE - SEE SHEET 8 FOR CONTINUATION

NOV. 29, 2012



MATCH LINE - SEE SHEET 6 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 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.

C PARTIAL PLANTING PLAN

REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A.
EXCEPTIONAL SOLUTIONS
 Calvin, Gloriano & Associates, Inc.
 1400 E. Zeeb, Suite 300, Fort Lauderdale, Florida 33315
 Phone: 954.331.7781 Fax: 954.331.7707
 Certificate of Authorization LC00000038
 LICENSE NUMBER: 1103300002022
 USER: rmmr0002022

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

LANDSCAPE PLAN

SHEET NO. 7

11/29/12 1:20

11/29/2012 3:51:04 PM P:\Projects\2012\2531T SE 17 ST Causeway Beautification Grant\CAD5 Files\Drawings\2531T-L100-PLANTING_POANS.dwg

MATCH LINE - SEE SHEET 8 FOR CONTINUATION

S.E. 17th STREET

TO S.E. 10th AVE

NOTE: FRANGIBLE PALMS PLANTED AT STAGGERED HEIGHTS (16' PES)

EXISTING GREEN ISLAND FICUS SHRUB MASS TO REMAIN

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.

- SIGHT DISTANCES (M.P.):
- 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.

E PARTIAL PLANTING PLAN

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



LANDSCAPE ARCHITECT OF RECORD: LUSKIE, COOPER, & L.L.A.
 Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Bay Oaks, Suite 600, Fort Lauderdale, Florida 33304
 Phone: 954.471.7191 Fax: 954.471.1307
 WWW.EXCEPTIONALSOLUTIONS.COM LIC# 12000009
 VERDEBELL, INC. 06-201-5733
 USER: mmantozza

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

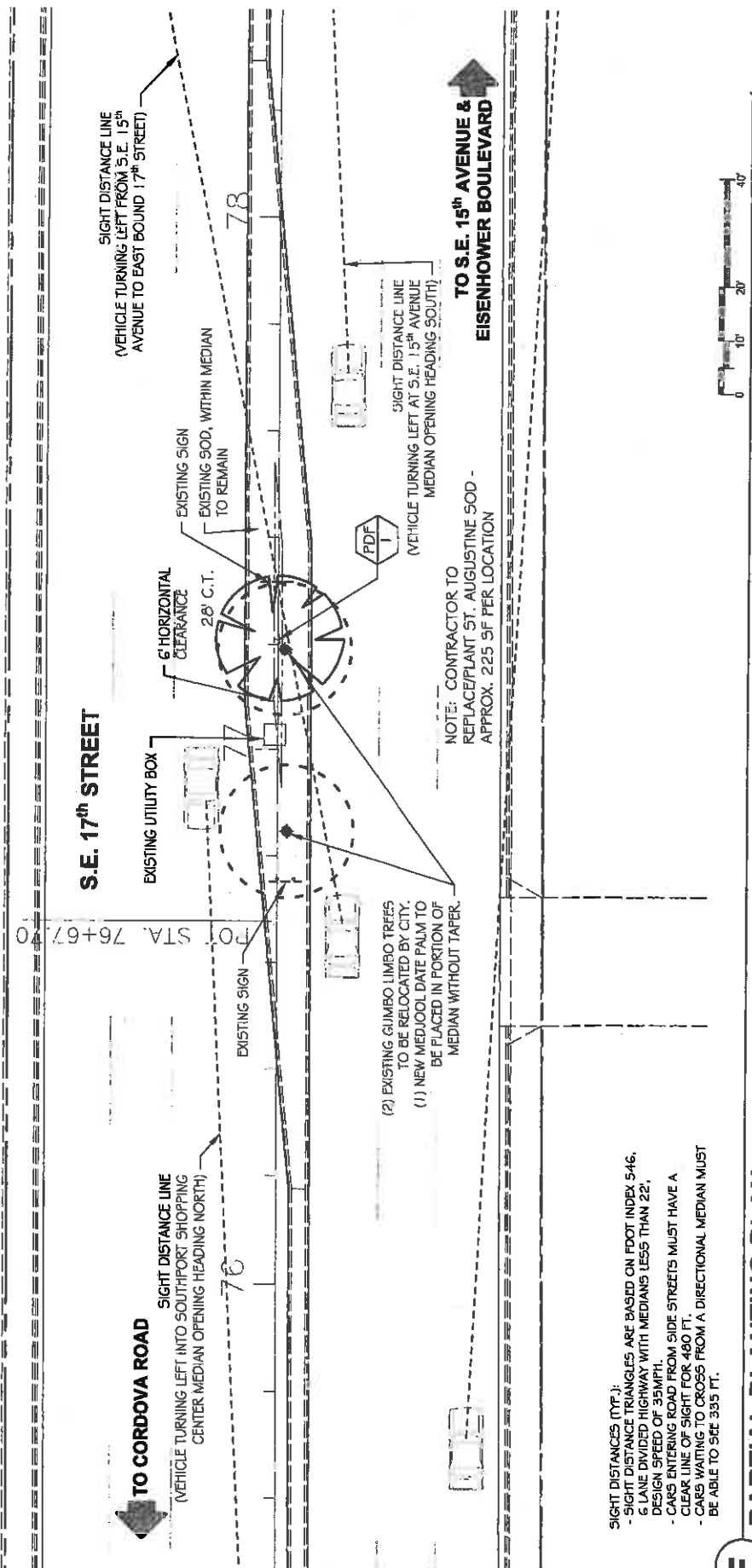
SHEET NO. 9

LANDSCAPE PLAN

11-29-12



NOV. 29, 2012



TO S.E. 15th AVENUE & EISENHOWER BOULEVARD

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

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

- SIGHT DISTANCES (TYPE):
- SIGHT DISTANCE TRIANGLES ARE BASED ON FDOT INDEX 546.
 - 2 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.

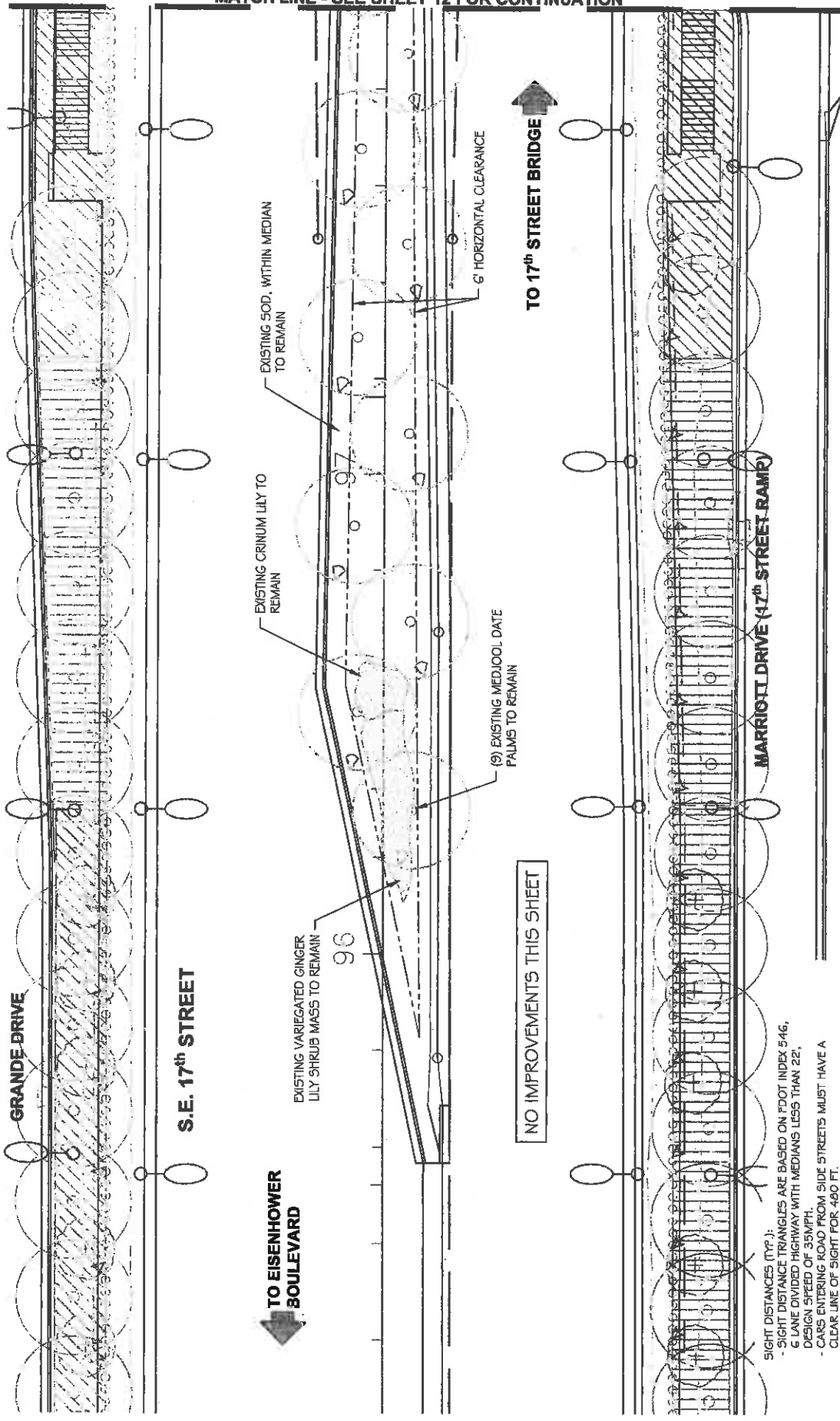
F PARTIAL PLANTING PLAN



DATE	REVISIONS	DESCRIPTION

UNDESIGNED AND UNCONSTRUCTED EXCEPTIONAL SITUATION Calvin, Giordano & Associates, Inc. 1044 Pine Drive, Suite 800, Fort Lauderdale, Florida 33314 Phone: 954.331.7711 Fax: 954.331.8807 VERBODEN TO WERKEN VERBODEN TO WERKEN		S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT ROAD NO. A1A COUNTY BROWARD FINANCIAL PROJECT ID 431108-1-58-01
USFS# 11mmrmd02a 11/29/2012 3:01:30 PM P:\Projects\2012\123311 SE 17 St Causeway Beautification Grant\CADD Files\Drawings\123311-1100-PLANTING_PLANS.dwg		SHEET NO. 10 LANDSCAPE PLAN 11-23-12

MATCH LINE - SEE SHEET 12 FOR CONTINUATION



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

G PARTIAL PLANTING PLAN

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: **BR**
 BRUNNEN & ASSOCIATES, P.L.L.C.
 1400 Brickman Ave. Suite 200, Fort Lauderdale, Florida 33316
 Phone: 954.471.1771 Fax: 954.471.1887
 www.brunnen.com License No. LA 12000
 USER: mmendoza

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

LANDSCAPE PLAN

11-24-12

SHEET NO. 11

MATCH LINE - SEE SHEET 14 FOR CONTINUATION

ACCESS ROAD (17th STREET RAMP)

PARKING BENEATH
17th STREET BRIDGE

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

TO INTRACOASTAL
WATERWAY

S.E. 17th STREET

TO S.E. 23rd AVENUE

ACCESS ROAD (17th STREET RAMP)

6' HORIZONTAL CLEARANCE

EXISTING CRINIMUM
LILY TO REMAIN

EXISTING
FAN PALM
TO REMAIN

EXISTING
WART FERN
TO REMAIN

EXISTING WART FERN
TO REMAIN

EXISTING FAN PALMS
TO REMAIN

(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

22' C.T.

22' C.T.

22' C.T.

20' G.W.

20' G.W.

20' G.W.

25' O.C.

(2) EXISTING BISMARCKIA PALMS
TO BE RELOCATED BY CITY

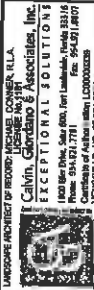
EXISTING SOD, WITHIN
MEDIAN TO REMAIN

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



1 PARTIAL PLANTING PLAN

DATE	REVISIONS	DESCRIPTION
	DATE	DESCRIPTION



LANDSCAPE ARCHITECT OF RECORD: JACQUELYNNE DOWNER, ILLA
CALVIN, GIOVANNI & ASSOCIATES, INC.
EXCEPTIONAL SOLUTIONS
1400 S.W. 10th Ave., Suite 200, Fort Lauderdale, Florida 33315
Phone: 954.971.7711 Fax: 954.971.8877
VERMONT LICENSE NO. 000000000

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

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

SHEET NO. 13

LANDSCAPE PLAN

1/20/12
M. D. C.

- 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.

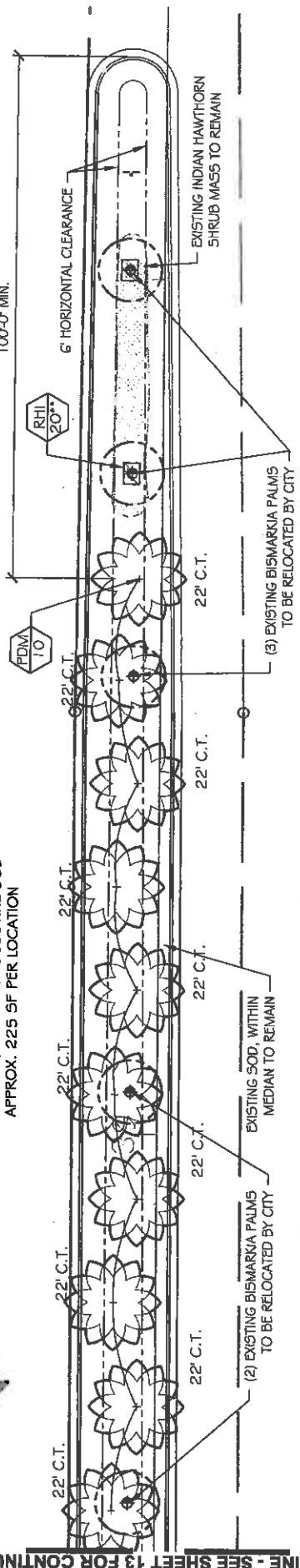
ACCESS ROAD (17th STREET RAMP)

S.E. 17th STREET

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

TO 17th STREET BRIDGE

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



TO S.E. 23rd AVENUE

ACCESS ROAD (17th STREET RAMP)

J PARTIAL PLANTING PLAN



1:20
M. D. P. L. C.

DATE	REVISIONS	DESCRIPTION


EXCEPTIONAL SOLUTIONS
 Calvert, Giordano & Associates, Inc.
 1800 Blue Drive, Suite 800, Fort Lauderdale, Florida 33316
 Phone: 954.571.7744 Fax: 954.571.4867
 www.cga.com USPO2008.04.02.855093237
 USER: mmahodozo

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

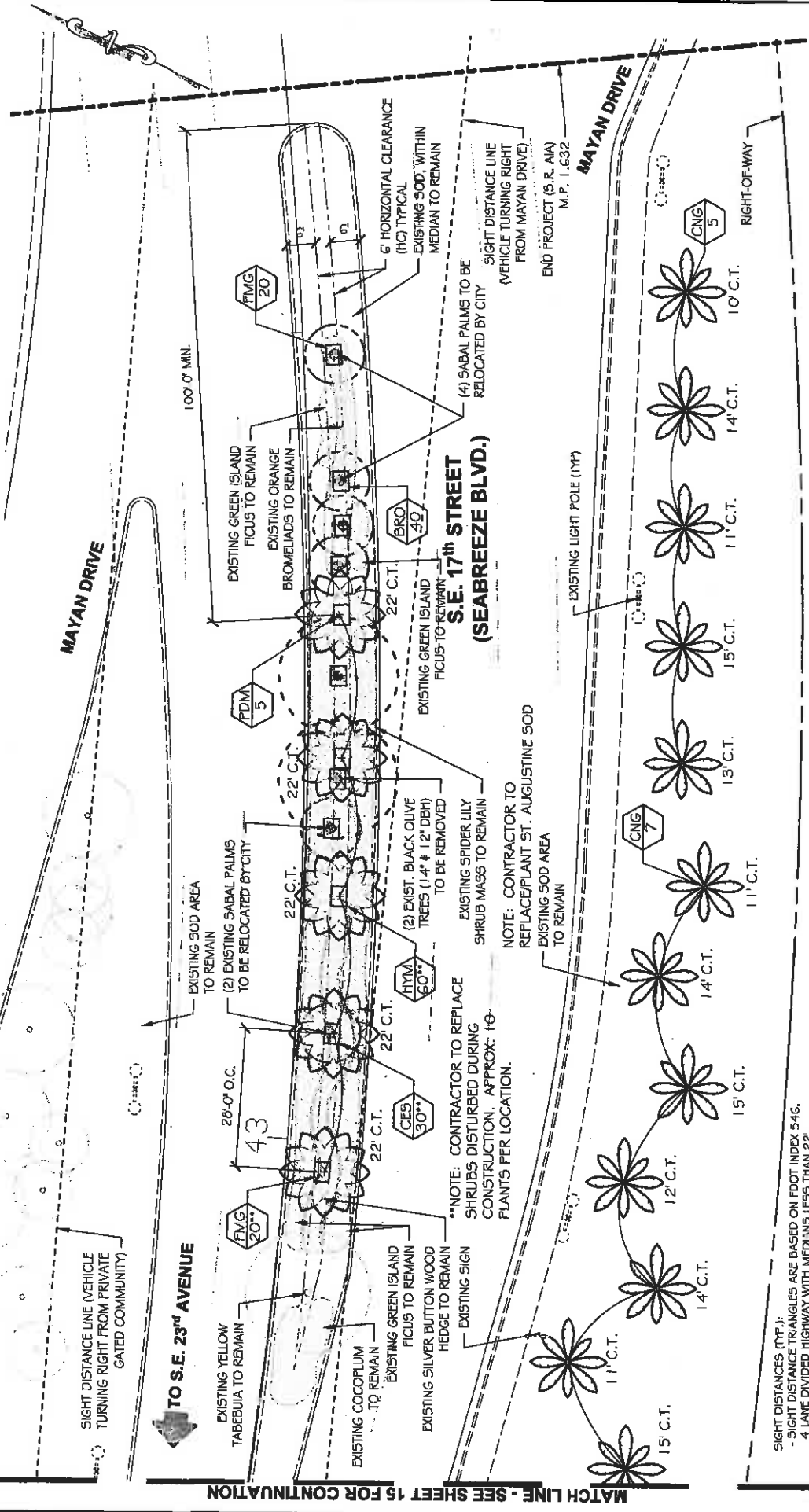
LANDSCAPE PLAN
 11-24-12

SHEET NO.
14

MATCH LINE - SEE SHEET 13 FOR CONTINUATION

LANDSCAPE PLAN

1:20
[Signature]



SIGHT DISTANCES (FT.):
 - 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.

L PARTIAL PLANTING PLAN

DATE	REVISIONS	DESCRIPTION

Michael Corvino, P.L.L.C.
 Calvin, Giordano & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Reg. Drive, Suite 800, Fort Lauderdale, Florida 33316
 Phone: 954.271.7731 Fax: 954.271.8877
 WWW.MICHAELCORVINO.COM
 USER: mmaindozo

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

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

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MATCH LINE - SEE SHEET 15 FOR CONTINUATION

MATCH LINE - SEE SHEET 19 FOR CONTINUATION

NOV. 29, 2012

SHEET NO. 18

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

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 VALVE CONTROLS SPRAY HEADS IN MEDIANS (S.E. 17th STREET) BETWEEN S. MIAMI ROAD TO CORDOVA ROAD.

NO IMPROVEMENTS THIS SHEET

B PARTIAL IRRIGATION PLAN

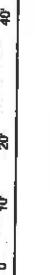
DATE	DESCRIPTION	DATE	DESCRIPTION

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

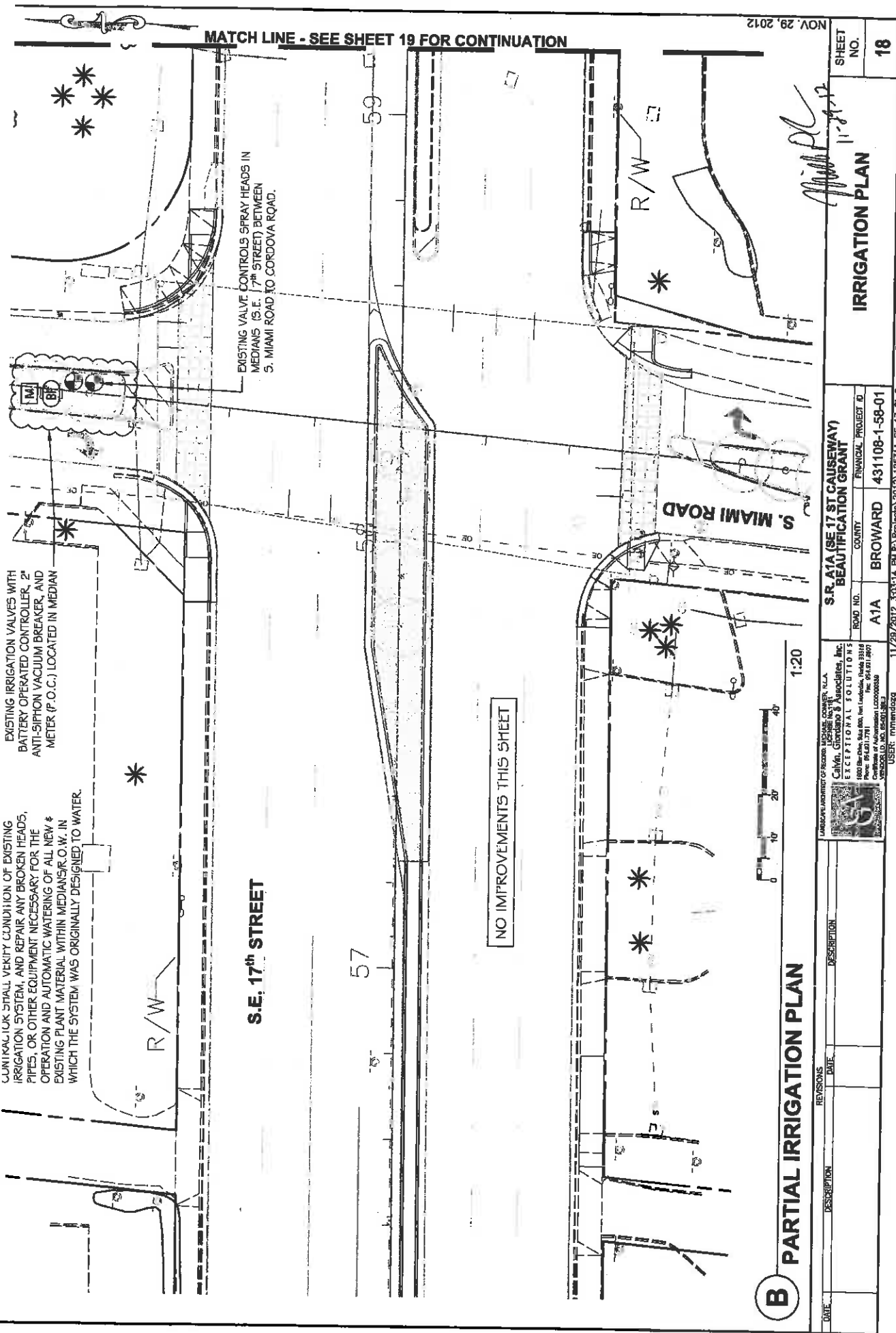
LANDSCAPE ARCHITECT OF RECORD: MICHAEL CROWNER, N.L.A.
 Calvin, Gromling & Associates, Inc.
 EXCEPTIONAL SOLUTIONS
 1800 Biscayne Blvd, Suite 100, Fort Lauderdale, Florida 33304
 Phone: 954.371.7761 Fax: 954.371.8907
 License No. LA00000038
 User: mmmadonna

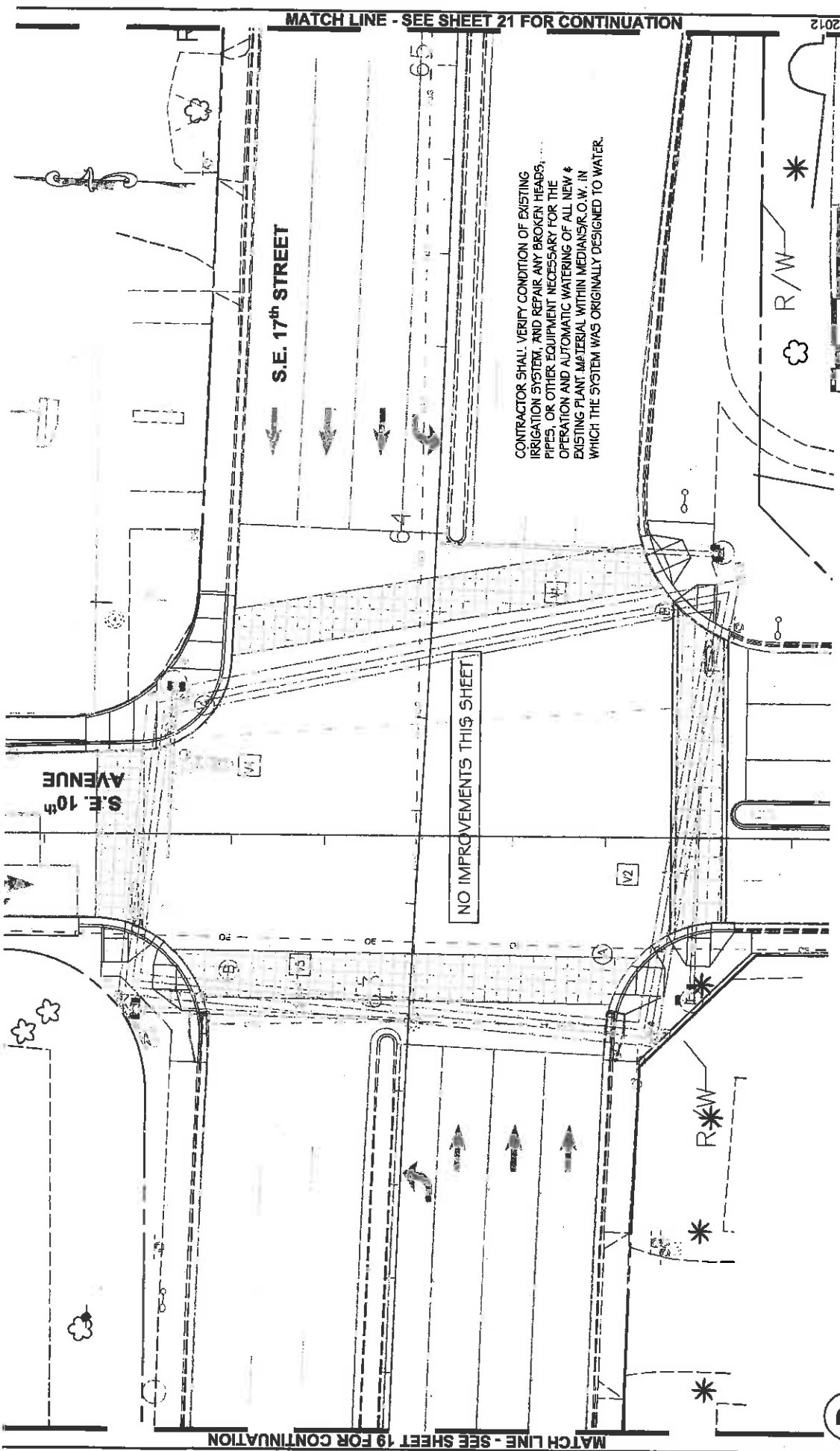
IRRIGATION PLAN

1:20



11-29-12





MATCH LINE - SEE SHEET 21 FOR CONTINUATION

S.E. 17th STREET

S.E. 10th AVENUE

NO IMPROVEMENTS THIS SHEET

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.

D PARTIAL IRRIGATION PLAN

NOV 29 2012

DATE	REVISIONS	DESCRIPTION	DATE	DESCRIPTION

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

USER: mmendoza
 11/29/2012 3:03:28 PM PA\Projects\2012\125311 SE 17 ST Causeway Beautification Grant\GOOD Files\Drawings\125311-L100-IRRIGATION-PLANS.dwg

EXCEPTIONAL SOLUTIONS
 Calvin, Giordano & Associates, Inc.
 1400 Blue Drive, Suite 600, Fort Lauderdale, Florida 33309
 Phone: 954.871.7781 Fax: 954.511.1197
 V58028101.MXD 11/29/12

11/29/12
 11/29/12

IRRIGATION PLAN
 SHEET NO. 20

GRANDE DRIVE

PARKING BENEATH
17th 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 (17th 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.

1"=20'

4b

2b

10'

10'

10'

10'

10'

10'

10'

10'

10'

10'

10'

10'

10'

10'

H

PARTIAL IRRIGATION PLAN

DATE	REVISIONS	DESCRIPTION

LANDSCAPE ARCHITECT OF RECORD: MICHAEL CONNER, R.L.A.
 Calm, Grubbs & Associates, Inc.
 1800 Bay Drive, Suite 200, Fort Lauderdale, Florida 33315
 Phone: 954.271.7711 Fax: 954.311.8707
 UPR0000142, NO. 62-000-3008

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

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

SHEET NO. 23

IRRIGATION PLAN

11-29-12

1:20

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

TO S.E. 23rd AVENUE

S.E. 17th STREET
(SEABREEZE BLVD.)

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. 17th STREET.

TO MAYAN DRIVE

MATCH LINE - SEE SHEET 27 FOR CONTINUATION

TO PRIVATE GATE HOUSE

CANAL

CANAL

K PARTIAL IRRIGATION PLAN



1:20

SHEET NO. 26

IRRIGATION PLAN 11-20-12

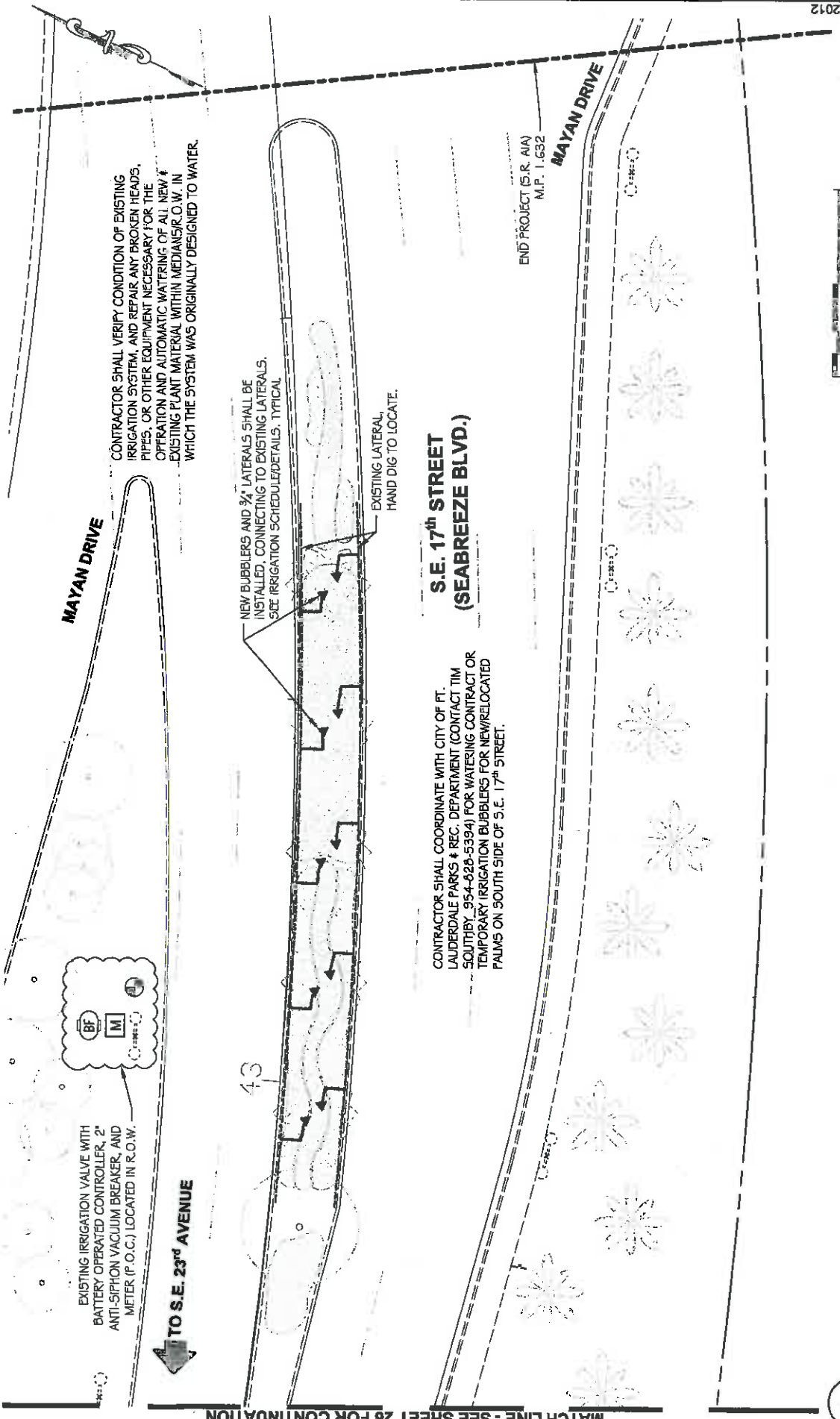
S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT	
ROAD NO.	A1A
COUNTY	BROWARD
FINANCIAL PROJECT ID	431108-1-58-01

UNDISBURSED AMOUNT OF FUNDING: **103866.00**

EXCEPTIONAL SOLUTIONS
Calvin, Giovanni & Associates, Inc.
1700 Bay Drive, Suite 600, Fort Lauderdale, Florida 33316
Phone: 954-371-7781 Fax: 954-681-2887
VENDOR ID NO. 112001, L00000000

USER: mmanolozos

REVISIONS	DATE	DESCRIPTION



MATCH LINE - SEE SHEET 26 FOR CONTINUATION

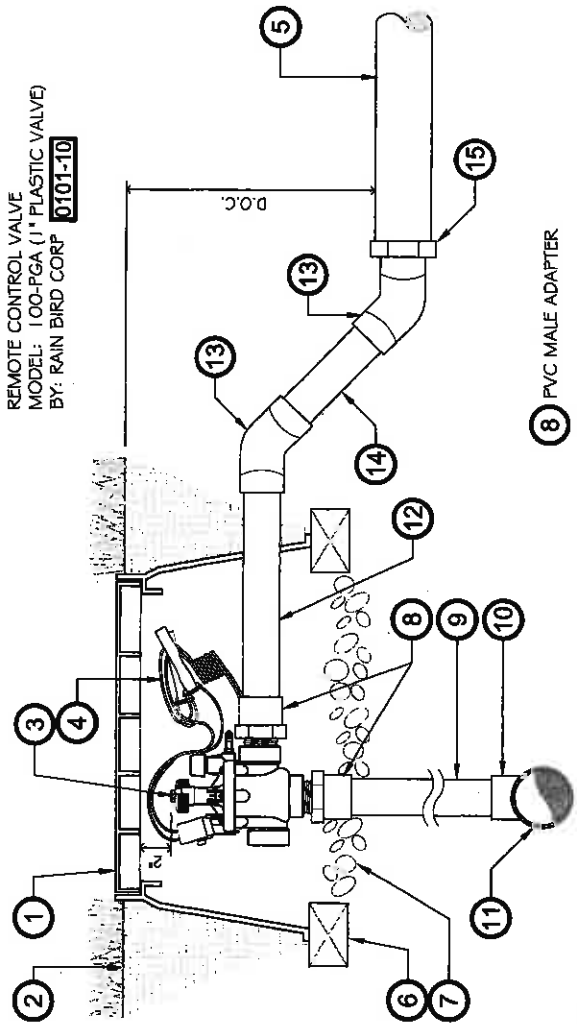
L PARTIAL IRRIGATION PLAN

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

LANDSCAPE ARCHITECT OF RECORD: MICHAEL GOMBER, F.L.A.
EXCEPTIONAL SOLUTIONS, Inc.
 Calvin, Gloriano & Associates, Inc.
 1800 Bay Drive, Suite 600, Fort Lauderdale, Florida 33316
 Phone: 954.321.1781 Fax: 954.321.8897
 LICENSE NO. 140000033 USER: mmendoza

DATE	DESCRIPTION	REVISIONS	DATE

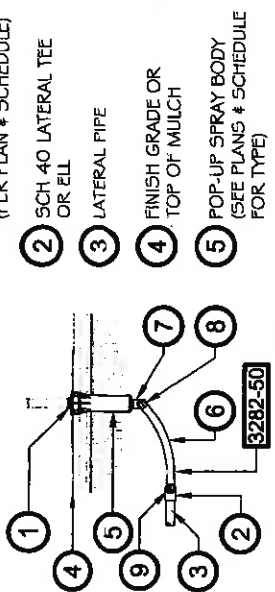
IRRIIGATION PLAN 11-29-12



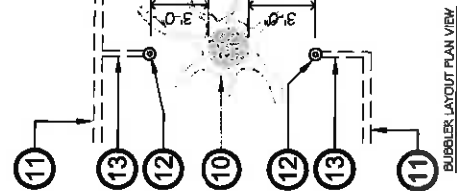
REMOTE CONTROL VALVE
MODEL: 100-PGA (1" PLASTIC VALVE)
BY: RAIN BIRD CORP
0101-10

- 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

328406.1.3-1.1
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 DRIFLINE.
- 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



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

DATE	REVISIONS	DESCRIPTION

S.R. A1A (SE 17 ST CAUSEWAY) BEAUTIFICATION GRANT ROAD NO. COUNTY FINANCIAL PROJECT ID A1A BROWARD 431108-1-58-01	
11/29/2012 3:04:58 PM P:\Projects\2012\128311 SE 17 St Causeway Beautification Grant\0400 Files\Drawings\128311-010-NOTES.dwg USER: mmandozo	

IRRIGATION DETAILS

SHEET NO. **29**

NOV. 29, 2012

EXHIBIT D

FEDERAL AND/OR STATE FUNDED CONTRACTS

The administration of resources awarded by the Department to the **City of Fort Lauderdale** may be subject to audits and/or monitoring by the Department, as described in this section.

MONITORING

In addition to reviews of audits conducted in accordance with OMB Circular A-133 and Section 215.97, F.S., as revised (see "AUDITS" below), monitoring procedures may include, but not be limited to, on-site visits by Department staff, limited scope audits as defined by OMB Circular A-133, as revised, and/or other procedures. By entering into this agreement, the recipient agrees to comply and cooperate fully with any monitoring procedures/processes deemed appropriate by the Department. In the event the Department determines that a limited scope audit of the recipient is appropriate, the recipient agrees to comply with any additional instructions provided by the Department staff to **City of Fort Lauderdale** regarding such audit. **City of Fort Lauderdale** further agrees to comply and cooperate with inspections, review, investigations, or audits deemed necessary by the FDOT's Office of Inspector General (OIG) and Florida's Chief Financial Officer (CFO) or Auditor General.

AUDITS

PART I: FEDERALLY FUNDED

Recipients of federal funds (i.e. state, local government, or non-profit organizations as defined in OMB Circular A-133, as revised) are to have audits done annually using the following criteria:

1. In the event that the recipient expends \$500,000 or more in Federal awards in its fiscal year, the recipient must have a single or program-specific audit conducted in accordance with the provisions of OMB Circular A-133, as revised. This agreement indicates Federal resources awarded through the Department by this agreement. In determining the Federal awards expended in its fiscal year, the recipient shall consider all sources of Federal awards, including Federal resources received from the Department. The determination of amounts of Federal awards expended should be in accordance with the guidelines established by OMB Circular A-133, as revised. An audit of the recipient conducted by the Auditor General in accordance with the provisions OMB Circular A-133, as revised, will meet the requirements of this part.
2. In connection with the audit requirements addressed in Part I, paragraph 1., the recipient shall fulfill the requirements relative to auditee responsibilities as provided in Subpart C of OMB Circular A-133, as revised.
3. If the recipient expends less than \$500,000 in Federal awards in its fiscal year, an audit conducted in accordance with the provisions of OMB Circular A-133, as revised, is not required. However, if the recipient elects to have an audit conducted in accordance with the provisions of OMB Circular A-133, as revised, the cost of the audit must be paid from non-Federal resources (i.e., the cost of such an audit must be paid from recipient resources obtained from other than Federal entities).

4. Federal awards are to be identified using the Catalog of Federal Domestic Assistance (CFDA) title and number, award number and year, and name of the awarding federal agency.

PART II: STATE FUNDED

Recipients of state funds (i.e. a nonstate entity as defined by Section 215.97(2)(l), Florida Statutes) are to have audits done annually using the following criteria:

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of \$500,000 in any fiscal year, the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, Florida Statutes; applicable rules of the Department of Financial Services and the CFO; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. This agreement indicates state financial assistance awarded through the Department by this agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department, other state agencies, and other nonstate entities. State financial assistance does not include Federal direct or pass-through awards and resources received by a nonstate entity for Federal program matching requirements.
2. In connection with the audit requirements addressed in Part II, paragraph 1, the recipient shall ensure that the audit complies with the requirements of Section 215.97(7), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2)(d), Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.
3. If the recipient expends less than \$500,000 in state financial assistance in its fiscal year, an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, is not required. However, if the recipient elects to have an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, the cost of the audit must be paid from the nonstate entity's resources (i.e., the cost of such an audit must be paid from the recipient's resources obtained from other than State entities).
4. State awards are to be identified using the Catalog of State Financial Assistance (CSFA) title and number, award number and year, and name of the state agency awarding it.

PART III: OTHER AUDIT REQUIREMENTS

The recipient shall follow up and take corrective action on audit findings. Preparation of a summary schedule of prior year audit findings, including corrective action and current status of the audit findings is required. Current year audit findings require corrective action and status of findings.

Records related to unresolved audit findings, appeals, or litigation shall be retained until the action is completed or the dispute is resolved. Access to project records and audit work papers shall be given to the FDOT, the Department of Financial Services, and the Auditor General. This section does not limit the authority of the Department to conduct or arrange for the conduct of additional audits or evaluations of state financial assistance or limit the authority of any other state official.

PART IV: REPORT SUBMISSION

1. Copies of reporting packages for audits conducted in accordance with OMB Circular A-133, as revised, and required by PART I of this agreement shall be submitted, when required by Section .320 (d), OMB Circular A-133, as revised, by or on behalf of the recipient directly to each of the following:

- A. The Department at the following address:

**Florida Department of Transportation
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Karen Maxon, District Single Audit Liaison**

- B. The Federal Audit Clearinghouse designated in OMB Circular A-133, as revised (the number of copies required by Sections .320 (d)(1) and (2), OMB Circular A-133, as revised, should be submitted to the Federal Audit Clearinghouse), at the following address:

**Federal Audit Clearinghouse
Bureau of the Census
1201 East 10th Street
Jeffersonville, IN 47132**

- C. Other Federal agencies and pass-through entities in accordance with Sections .320 (e) and (f), OMB Circular A-133, as revised.

2. In the event that a copy of the reporting package for an audit required by PART I of this agreement and conducted in accordance with OMB Circular A-133, as revised, is not required to be submitted to the Department for reasons pursuant to Section .320 (e)(2), OMB Circular A-133, as revised, the recipient shall submit the required written notification pursuant to Section .320 (e)(2) and a copy of the recipient's audited schedule of expenditures of Federal awards directly to the following:

**Florida Department of Transportation
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Karen Maxon, District Single Audit Liaison**

In addition, pursuant to Section .320 (f), OMB Circular A-133, as revised, the recipient shall submit a copy of the reporting package described in Section .320 (c), OMB Circular A-133, as revised, and any management letters issued by the auditor, to the Department at the following address:

**Florida Department of Transportation
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Karen Maxon, District Single Audit Liaison**

3. Copies of financial reporting packages required by PART II of this agreement shall be submitted by or on behalf of the recipient directly to each of the following:
 - A. The Department at the following address:

**Florida Department of Transportation
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Karen Maxon, District Single Audit Liaison**
 - B. The Auditor General's Office at the following address:

**Auditor General's Office
Room 401, Pepper Building
111 West Madison Street
Tallahassee, Florida 32399-1450**
4. Copies of reports or the management letter required by PART III of this agreement shall be submitted by or on behalf of the recipient directly to:
 - A. The Department at the following address:

**Florida Department of Transportation
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Karen Maxon, District Single Audit Liaison**
5. Any reports, management letter, or other information required to be submitted to the Department pursuant to this agreement shall be submitted timely in accordance with OMB Circular A-133, Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.
6. Recipients, when submitting financial reporting packages to the Department for audits done in accordance with OMB Circular A-133 or Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, should indicate the date that the reporting package was delivered to the recipient in correspondence accompanying the reporting package.

PART V: RECORD RETENTION

1. The recipient shall retain sufficient records demonstrating its compliance with the terms of this agreement for a period of at least five years from the date the audit report is issued, and shall allow the Department, or its designee, CFO, or Auditor General access to such records upon request. The recipient shall ensure that audit working papers are made available to the Department, or its designee, CFO, or Auditor General upon request for a period of at least five years from the date the audit report is issued, unless extended in writing by the Department.

EXHIBIT E

AUTHORIZATION: SECTION 339.24 & 339.205, Florida Statutes

FEDERAL and/or STATE resources awarded to the recipient pursuant to this agreement should be listed below. If the resources awarded to the recipient represent more than one Federal or State program, provide the same information for each program and the total resources awarded. **Compliance Requirements** applicable to each State program should also be listed below. If the resources awarded to the recipient represent more than one program, list applicable compliance requirements for each program in the same manner as shown here:

STATE RESOURCES

Agency: City of Fort Lauderdale

FM#:431108-1-58-01

<u>State Agency</u>	<u>Catalog of State Financial Assistance (Number & Title)</u>	<u>Amount</u>
FDOT 55.023	State Highway Project Reimbursement (Department of Transportation)	\$180,000.00

Compliance Requirement: In developing audit procedures to test compliance with the requirements for a state project, the auditor should first look to Part Two, Matrix of Compliance Requirements, to identify which of the 10 types of compliance requirements described in Part Three of the Compliance Supplement are applicable and then look to Parts Three and Four for the details of the requirements.

Activities Allowed: Under the terms of the Highway Beautification Grant Agreement allowable activities include:

- Installation of landscaping on the highway facility as specified in the landscape plan in conformance with Rule 14-40.003, Florida Administrative Code, and the "Florida Highway Landscape Guide". Any deviation from the approved landscape plan requires the approval of the Department; (Agreement Provision 1)
- Maintenance of the landscaping within the median and areas outside the travel way within the right of way line in accordance with the Landscape Maintenance Plan included in the agreement and consistent with the requirements of Rule 14-40.003(5), Florida Administrative Code. Any deviation from the Landscape Maintenance Plan requires the written approval of the Department; and (Agreement Provision 2)
- Landscape installation and maintenance activities that are in accordance with the Maintenance of Traffic Plan included in the agreement and Rule 14.003, Florida Administrative Code. (Agreement Provision 3)

Allowable Costs: Grants provide for the costs of purchase and installation of a sprinkler system, the cost of plant materials and fertilizer, and may provide for the costs for labor associated with the installation of the plantings. Each recipient that receives a grant is responsible for any costs for water, for the maintenance of the sprinkler system, for the maintenance of the landscaped areas in accordance with a maintenance agreement with the Department, and, except as otherwise provided in the grant, for any costs for labor associated with the installation of the plantings. (Section 339.2405(11), Florida Statutes)

Cash Management: See Part Three.

Matching: A 50 percent or more of like-kind match by the recipient is encouraged.

Period of Availability: Grant recipients have one year from date of grant award letter to complete landscape plans and execute necessary agreements.

DUNS No. 072219595
CSFA No. 55.023

FM No. 431108-1-58-01
FEID No: VF-59-6000219001

EXHIBIT F

**Amendment Number Five (5) City of Fort Lauderdale Landscape
Inclusive Maintenance Memorandum of Agreement**