



COMMISSION AGENDA ITEM
DOCUMENT ROUTING FORM

Today's Date: 08/03/2016

DOCUMENT TITLE: Agreement for Franchise Fee Audit

COMM. MTG. DATE: 07/12/2016 CAM #: 16-0716 ITEM #: CM-16 CAM attached: ☒ YES ☐ NO

Routing Origin: CAO Router Name/Ext: Astrid Sperling/5001 Action Summary attached: ☒ YES ☐ NO

CIP FUNDED: ☐ YES ☐ NO

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, or fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, or real.

1) City Attorney's Office: Documents to be signed/routed? ☒ YES ☐ NO # of originals attached: 3

Is attached Granicus document Final? ☒ YES ☐ NO Approved as to Form: ☒ YES ☐ NO

Date to CCO: 8/4/16

Rhonda M. Hasan
Attorney's Name

Initials

2) City Clerk's Office: # of originals: 3 Routed to: Gina Ri/CMO/X5013 Date: 8/4/16

3) City Manager's Office: CMO LOG #: Aug 18 Document received from: CCO

Assigned to: L. FELDMAN ☐ S. HAWTHORNE ☐ C. LAGERBLOOM ☐
L. FELDMAN as CRA Executive Director ☐

☐ APPROVED FOR LEE FELDMAN'S SIGNATURE ☐ N/A FOR L. FELDMAN TO SIGN

PER ACM: S. HAWTHORNE (Initial/Date) C. LAGERBLOOM (Initial/Date) ☐ PENDING APPROVAL (See comments below)

Comments/Questions:

Forward 3 originals to ☒ Mayor ☐ CCO Date: 8/8/16

4) Mayor/CRA Chairman: Please sign as indicated. Forward ___ originals to CCO for attestation/City seal (as applicable) Date: _____

5) City Clerk's Office: Retains 1 original and forwards 2 original(s) and 1 copy to: E. Van Zandt /3796/Transportation & Mobility

Attach ___ certified Reso # ___ ☐ YES ☒ NO

Original Route form to CAO

Rev. 7/6/16

AGREEMENT

Between

BROWARD COUNTY

and

City of Fort Lauderdale

for

TRAFFICWAY BEAUTIFICATION FOR
Andrews Ave and NE 3rd Ave at NE 1st Street

This is an Agreement made and entered into by and between Broward County, a political subdivision of the State of Florida ("County"),

and

City of Fort Lauderdale, a municipal corporation located in Broward County, Florida, organized and existing under the laws of the State of Florida ("Municipality"), (collectively the "Parties").

WHEREAS, _____ from Andrews Ave and NE 3rd Ave at NE 1st Street is a public trafficway ("Trafficway"), classified as a County road and located within the municipal boundaries of Municipality; and

WHEREAS, it is of mutual benefit to the residents of County and Municipality to beautify the Trafficway by installing the landscaping as detailed in Article 2; and

WHEREAS, Municipality has expressed its desire to undertake the beautification of the Trafficway and the continued maintenance of the landscaping and irrigation following completion of the beautification project; and

WHEREAS, County has agreed to permit the beautification of the Trafficway, which is more particularly described in Exhibit "A," attached hereto and incorporated herein (the "Property"), subject to the terms and conditions of this Agreement; and

WHEREAS, Municipality, on the 12th day of July, 2016, has approved this Agreement, and has authorized the appropriate officers of Municipality to execute this Agreement;

NOW, THEREFORE,

In consideration of the mutual terms, conditions, promises, and covenants hereinafter set forth, County and Municipality agree as follows:

ARTICLE 1. DEFINITIONS

1.1 **Agreement**: Articles 1 through 8, the exhibits and documents that are expressly incorporated herein by reference.

1.2 **Approved Plans**: The construction documents and specifications depicting and defining the Project, including but not limited to the materials to be installed within the Property, all as described in Exhibit "B," attached hereto and incorporated herein.

1.3 **Board**: The Board of County Commissioners of Broward County, Florida.

1.4 **Broward County Naturescape Program**: A vision for the community that focuses on creating Florida-friendly landscapes that conserve water, protect water quality, and create wildlife habitat, as more thoroughly described at <http://www.broward.org/NaturalResources/NatureScape/Pages/Default.aspx>.

1.5 **Contract Administrator**: The Director of the Broward County Highway Construction and Engineering Division, or designee.

1.6 **County Administrator**: The administrative head of County appointed by the Board.

1.7 **County Attorney**: The chief legal counsel for County appointed by the Board.

1.8 **Division**: The Broward County Highway Construction and Engineering Division.

1.9 **Florida-Friendly Landscaping Principles**: Using low-maintenance plants and environmentally sustainable practices, as more thoroughly described at <http://www.floridayards.org>.

1.10 **Landscape or Landscaping**: Living plant materials such as grasses, ground cover, shrubs, vines, trees, or palms, and nonliving durable materials commonly used in environmental design, such as, but not limited to, curbing, rocks, pebbles, sand, paving, decorative pavers, and grading, and pump and irrigation system, as detailed in this Agreement and in the Approved Plans.

1.11 **Project**: The beautification of the Property as described in Article 2 and the Approved Plans.

1.12 **Property**: That portion of the Trafficway as described in Exhibit "A."

ARTICLE 2. SCOPE OF PARTICIPATION

2.1 Municipality shall:

2.1.1 Before execution of this Agreement, prepare, or cause to be prepared, the Approved Plans. The Approved Plans shall incorporate a minimum fifty percent (50%) native species by plant type (i.e. canopy tree, palm tree, and shrub), shall comply with the Broward County Naturescape Program and Florida-Friendly Landscaping Principles, and shall be reviewed and approved by the Contract Administrator.

2.1.2 Apply to the Division for a permit, or cause application to be made for a permit, for the installation of the Landscaping as set forth in the Approved Plans. Irrigation system portion of the plans shall also be submitted to the South Florida Water Management District ("SFWMD") for issuance of any necessary Water Use Permits. Municipality shall not proceed with installation of the Landscaping authorized by this Agreement until all permits have been issued and permit conditions for commencement of construction have been satisfied.

2.1.3 In accordance with the Approved Plans, applicable provisions of the Broward County Minimum Standards, Florida Department of Transportation standards and specifications, and the Division's and SFWMD's permits, install or cause to be installed the Landscaping on the Property to the Contract Administrator's satisfaction.

2.1.4 Install and maintain, or cause to have installed and maintained, consistent with prudent and well-reasoned installation and maintenance procedures and techniques, all Landscaping within the Property in a manner that will not pose a hazard to persons or vehicles on adjacent property or right of way.

2.1.5 Following completion of the Project, provide the County with signed and sealed certified as-built drawings and warranties for any work performed as set forth in the Approved Plans.

2.1.6 Properly maintain and fertilize all vegetation in accordance with the Broward County Naturescape Program and Florida-Friendly Landscaping Principles; keep all vegetation as free from disease and harmful insects as practicable; properly mulch the vegetation beds, keeping them free from weeds; periodically mow the grass to maintain a neat and proper appearance; prune all plants so as to remove all dead or diseased parts of plants and all parts of plants which present a visual hazard or physical obstacle to the use of the right of way; remove and replace all vegetation which is dead or diseased or which otherwise falls below the initial level of beautification of the Property and keep litter removed from the right of way. Any replacement of vegetation as required herein shall be accomplished by the use of plants of the same grade as specified in the Approved Plans and shall be of the same size as those existing at the time of replacement or with a

mutually agreed upon substitution, subject to review and approval by the Contract Administrator.

2.1.7 Maintain all nonliving durable materials commonly used in environmental design, such as, but not limited to, curbing, rocks, pebbles, sand, paving, decorative pavers, and grading, in good repair.

2.1.8 If installed, maintain the entire pump and irrigation system and all of its parts in working order according to the Approved Plans, and operate said system according to applicable SFMWD regulations and restrictions. As part of such maintenance responsibility, Municipality shall keep the pump and irrigation system in good working order and repair or replace defective or worn out system parts and equipment, which system parts and equipment shall include, but not be limited to, pumps, pipes, and sprinkler heads. Municipality's responsibility to keep the system in good working order shall include all necessary maintenance, repair, and replacement of any type or nature, including, but not limited to, maintenance, repair, and replacement due to normal wear and tear, acts of God, vandalism, and accidents.

2.1.9 If the length of the Property or any portion of such length is coterminous with the jurisdictional boundaries of Municipality, Municipality shall coordinate the performance of its maintenance responsibility pursuant to this Agreement with the governmental entity or entities having jurisdiction over the adjacent area. The terms and conditions of such coordination shall be stated in a binding agreement entered into by Municipality and the adjacent governmental entity or entities and shall provide for the division of maintenance responsibility and the costs of maintenance between the Municipality and the adjacent governmental entity or entities.

2.1.10 Not by its use cause damage to the Property.

2.1.11 Provide the County, or its agent, with prompt written notice as set forth in Article 5 of any occurrence, incident, or accident occurring on the Property.

2.2 County, by and through the Contract Administrator, shall:

2.2.1 Upon receipt from Municipality of a completed application for permit and the Approved Plans, review the application for completeness and either reject the application or process the application for issuance of the permit.

2.2.2. Inspect the Project generally, and the installation of the Landscaping specifically, and reject work which does not meet the requirements of the Approved Plans.

2.2.3 After receiving signed and sealed certified as-built drawings, detailing the pertinent information regarding the installation and that the installation is in conformance with the Approved Plans, and a request for a final inspection, perform a final inspection.

2.2.4 Upon receipt of all paperwork and completion of all inspections, notify Municipality as to the status of the Project.

2.2.5 Have no further obligation except as otherwise specifically set forth herein.

2.3 All Landscaping placed upon the Property shall remain the property of Municipality, shall be placed upon the Property at Municipality's risk, and shall not be removed or relocated without the Contract Administrator's express written consent.

2.4 This Agreement does not change the County road functional classification of the Trafficway.

2.5 Municipality's obligations under this Agreement may be performed by Municipality, through the use of its employees, or Municipality may enter into a contract with a third party to perform the services. If Municipality contracts with a third party, Municipality shall remain fully responsible hereunder and shall ensure that the third party complies at all times with each and every term, condition, duty, and obligation set forth herein.

2.6 In the administration of this Agreement, as contrasted with matters of policy, Municipality may rely on the instructions or determinations made by the Contract Administrator, provided, however, that such instructions and determinations do not change the requirements of this Article 2.

ARTICLE 3. COSTS

Municipality shall pay for all costs associated with the design, installation, and continued maintenance, repair, and replacement of the Landscaping, including all electrical energy and other utility charges.

ARTICLE 4. TERM AND TERMINATION

4.1 This Agreement starts on the date it is fully executed by the Parties and continues in perpetuity unless terminated as provided below.

4.2 This Agreement may be terminated for cause by County, through action of the Board, upon thirty (30) days' written notice given by the Contract Administrator to Municipality setting forth the breach. If Municipality corrects the breach within thirty (30) days after written notice, to the Contract Administrator's satisfaction, this Agreement shall remain in full force and effect. If such breach is not corrected within thirty (30) days after written notice, County may terminate this Agreement. Specifically, if Municipality fails to maintain the Property, County, at the option of the Contract Administrator, may cause such breach to be corrected and invoice Municipality for the costs of the correction or terminate this Agreement. If County opts to correct the breach and invoice Municipality for the costs of correction, Municipality shall remit to County the amount invoiced within thirty (30) days of Municipality's receipt of the invoice.

4.3 Cause to terminate this Agreement includes, but is not limited to, Municipality's failure to suitably perform the services required by Article 2, or Municipality's failure to maintain the Landscaping, notwithstanding whether any such breach was previously waived or cured.

4.4 If this Agreement is terminated, Municipality shall remove from the Property, at Municipality's sole expense, any Landscaping and other improvements placed upon it unless the Contract Administrator, in writing, authorizes Municipality to leave any Landscaping or other improvements on the Property. If any Landscaping or other improvements must be removed:

4.4.1 County shall have no obligation to remove, relocate, reinstall, or replace any of the Landscaping or other improvements, or in any way compensate Municipality for any loss resulting from or arising out of the termination of this Agreement.

4.4.2 Municipality shall obtain a Division permit and replace all Landscaping with Bahia sod, and return the Property to a safe condition following removal of any Landscaping or other improvements.

4.4.3 Municipality shall be obligated to repair or pay for any damage to County property resulting from the removal of any Landscaping or other improvements.

4.4.4 If tree mitigation is required as a result of termination, Municipality shall obtain a Broward County Environmental Licensing and Building Permitting Division, Tree Preservation Program license pertaining to Chapter 27, Article XIV, Sections 27-401 through 27-414 of the Broward County Tree Preservation and Abuse Ordinance, as may be amended from time to time, to provide for relocation, removal, and replacement per the tree removal license requirements at Municipality's sole cost and expense.

ARTICLE 5. NOTICES

Whenever either party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this article. For the present, the Parties designate the following:

FOR COUNTY:

Director, Broward County Highway Construction and Engineering Division
One North University Drive, Suite 300B
Plantation, Florida 33324-2038

FOR MUNICIPALITY:

Fort Lauderdale Department of Transportation and I

290 N.E. 3rd Avenue

Fort Lauderdale, FL 33301

ARTICLE 6. INDEMNIFICATION

6.1 Municipality is an entity subject to Section 768.28, Florida Statutes, as may be amended from time to time, and agrees to be fully responsible for the acts and omissions of its agents or employees to the extent permitted by law. Nothing herein is intended to serve as a waiver of sovereign immunity by any party to which sovereign immunity may be applicable. Nothing herein shall be construed as consent by Municipality to be sued by third parties in any matter arising out of this Agreement or any other contract.

6.2 If Municipality contracts with a third party to provide the services set forth herein, any contract with such third party shall include the following provisions:

6.2.1 Indemnification: Municipality's contractor shall indemnify and hold harmless County, its officers, agents, and employees, from liabilities, damages, losses, and costs, including, but not limited to reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of Municipality's contractor and other persons employed or utilized by Municipality's contractor in the performance of this Agreement. These indemnifications shall survive the term of this Agreement. To the extent permitted by law, if any action or proceeding is brought against County by reason of any such claim or demand, Municipality's contractor shall, upon written notice from County, resist and defend such action or proceeding by counsel satisfactory to County.

6.2.2 To the extent permitted by law, the indemnification provided above shall obligate Municipality's contractor to defend, at its own expense, to and through appellate, supplemental, or bankruptcy proceeding, or to provide for such defense, at County's option, any and all claims of liability and all suits and actions of every name and description covered by subsection 6.2.1 above which may be brought against County, whether services were performed by Municipality's contractor or persons employed or utilized by Municipality's contractor.

6.3 The provisions of this article shall survive the termination of this Agreement

ARTICLE 7. INSURANCE

7.1 Municipality shall provide the Contract Administrator with written verification of liability protection in accordance with state law prior to final execution of this Agreement. Additionally, if Municipality elects to purchase excess liability coverage, Municipality agrees that County will be

furnished with a Certificate of Insurance listing "Broward County" as certificate holder and an additional insured.

7.2 If Municipality contracts with a third party to provide the services set forth herein, any contract with such third party shall include, at a minimum, the following provisions:

7.2.1 Insurance: Municipality's contractor shall keep and maintain, at the contractor's sole cost and expense, insurance of the types and minimum amounts as set forth on Exhibit "C," and specifically protect County by naming "Broward County" as an additional insured under the Commercial General Liability Insurance policy as well as any Excess Liability policy.

7.2.2 Municipality's contractor, upon request, shall furnish to the Contract Administrator, Certificates of Insurance and Endorsements evidencing the insurance coverage specified above prior to beginning the performance of work under this Agreement.

7.2.3 Coverage is not to cease and is to remain in full force and effect until all performance required of Municipality's contractor is completed.

ARTICLE 8. MISCELLANEOUS

8.1 Documents. Copies of any and all reports, photographs, surveys, plans, and other data and documents provided or created in connection with this Agreement shall be provided to County at no cost.

8.2 Independent Contractor. Municipality is an independent contractor under this Agreement. In performing under this Agreement, neither Municipality nor its agents shall act as officers, employees, or agents of County. Municipality shall not have the right to bind County to any obligation not expressly undertaken by County under this Agreement.

8.3 Third Party Beneficiaries. Neither Municipality nor County intends to directly or substantially benefit a third party by this Agreement. Therefore, the Parties acknowledge that there are no third party beneficiaries to this Agreement and that no third party shall be entitled to assert a right or claim against either of them based upon this Agreement.

8.4 Assignment and Performance. Neither this Agreement nor any right or interest herein shall be assigned, transferred, or encumbered by Municipality without the prior written consent of County. If Municipality violates this provision, County shall have the right to immediately terminate this Agreement. Municipality represents that each person and entity that will perform services under this Agreement is duly qualified to perform such services by all appropriate governmental authorities, where required, and is sufficiently experienced and skilled in the area(s) for which such person or entity will render services. Municipality agrees that all services under this Agreement shall be performed in a skillful and respectful manner, and that the quality of all such services shall equal or exceed prevailing industry standards for the provision of such services.

8.5 Materiality And Waiver of Breach. Each requirement, duty, and obligation set forth herein was bargained for at arm's-length and is agreed to by the Parties. Each requirement, duty, and obligation set forth herein is substantial and important to the formation of this Agreement, and each is, therefore, a material term hereof. County's failure to enforce any provision of this Agreement shall not be deemed a waiver of such provision or modification of this Agreement. A waiver of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement.

8.6 Compliance With Laws. Municipality shall comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations in performing its duties, responsibilities, and obligations pursuant to this Agreement.

8.7 Severability. If a portion of this Agreement is found to be unenforceable by any court of competent jurisdiction, that part shall be deemed severed from this Agreement and the balance of this Agreement shall remain in full force and effect.

8.8 Joint Preparation. This Agreement has been jointly prepared by the Parties hereto, and shall not be construed more strictly against either Party.

8.9 Interpretation. The headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement. All personal pronouns used in this Agreement shall include the other gender, and the singular shall include the plural, and vice versa, unless the context otherwise requires. Terms such as "herein," "hereof," "hereunder," and "hereinafter," refer to this Agreement as a whole and not to any particular sentence, paragraph, or section where they appear, unless the context otherwise requires. Whenever reference is made to a Section or Article of this Agreement, such reference is to the Section or Article as a whole, including all of the subsections of such Section, unless the reference is made to a particular subsection or subparagraph of such Section or Article.

8.10 Priority of Provisions. If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto or referenced or incorporated herein and any provision of Articles 1 through 8 of this Agreement, the provisions contained in Articles 1 through 8 shall prevail and be given effect.

8.11 Law, Jurisdiction, Venue, Waiver Of Jury Trial. This Agreement shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. The Parties agree that the exclusive venue for litigation arising from, related to, or in connection with this Agreement shall be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claim arising from, related to, or in connection with this Agreement must be litigated in federal court, the Parties agree that the exclusive venue for such lawsuit shall be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida.
BY ENTERING INTO THIS AGREEMENT, MUNICIPALITY AND COUNTY HEREBY EXPRESSLY WAIVE

ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT ARISING OUT OF THIS AGREEMENT AFTER WRITTEN NOTICE BY THE OTHER PARTY OF VIOLATION OF THIS SECTION, THE PARTY MAKING THE REQUEST FOR JURY TRIAL SHALL BE LIABLE FOR THE REASONABLE ATTORNEYS' FEES AND COSTS OF THE OTHER PARTY IN CONTESTING THE REQUEST FOR JURY TRIAL, AND SUCH AMOUNTS SHALL BE AWARDED BY THE COURT IN ADJUDICATING THE MOTION.

8.12 Amendments. No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the Board and Municipality or others delegated authority or otherwise authorized to execute same on their behalf.

8.13 Prior Agreements. This Agreement represents the final and complete understanding of the Parties regarding the subject matter hereof and supersedes all prior negotiations and discussions regarding that subject matter. There is no commitment, agreement, or understanding concerning the subject matter of this Agreement that is not contained in this written document.

8.14 Incorporation By Reference. Any and all Recital or "Whereas" clauses stated above are true and correct and are incorporated by reference. The attached Exhibits "A," "B," and "C" are incorporated into and made a part of this Agreement.

8.15 Representation Of Authority. Each individual executing this Agreement on behalf of a party hereto hereby represents and warrants that he or she is, on the date he or she signs this Agreement, duly authorized by all necessary and appropriate action to execute this Agreement on behalf of such party and does so with full legal authority.

8.16 Counterparts and Multiple Originals. This Agreement may be executed in multiple originals, and may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

8.17 Nondiscrimination. No party to this Agreement may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this Agreement.

8.18 Changes to Form Agreement. Municipality represents and warrants that there have been no revisions, alterations, or changes whatsoever to this form Agreement without the prior written consent of the County Attorney's Office. Any unapproved changes shall be deemed a default of this Agreement and of no legal effect.

IN WITNESS WHEREOF, the Parties hereto have made and executed this Agreement: BROWARD COUNTY, through its BOARD OF COUNTY COMMISSIONERS, signing by and through its Mayor or Vice-Mayor, authorized to execute same by Board action on the ____ day of _____, 20__, and _____, signing by and through its _____, duly authorized to execute same.

COUNTY

ATTEST:

BROWARD COUNTY, by and through
its Board of County Commissioners

Broward County Administrator, as
Ex-Officio Clerk of the Broward County
Board of County Commissioners

By _____
Mayor

____ day of _____, 20__

Insurance requirements
approved by Broward County
Risk Management Division

Approved as to form by
Joni Armstrong Coffey
Broward County Attorney
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, Florida 33301
Telephone: (954) 357-7600
Telecopier: (954) 357-7641

By _____
Signature (Date)

By _____
(Date)
Assistant County Attorney

Print Name and Title above

(Date)
Deputy County Attorney

07/06/15

HCED Form - Beautification (Muni performs and maintains)_v3Final-20150706

AGREEMENT BETWEEN BROWARD COUNTY AND City of Fort Lauderdale FOR
TRAFFICWAY BEAUTIFICATION FOR Andrews Ave and NE 3rd Ave at NE 1st Street

MUNICIPALITY

ATTEST:



Municipal Clerk

JEFFREY A. MODARELLI

(Print/Type Name)

(SEAL)



City of Fort Lauderdale

By



Mayor-Commissioner

JOHN P. "JACK" SEILER

(Print/Type Name)

15th day of August, 2016.



Municipal Manager

Stanley D. Hawthorne

(Print or Type Name)

APPROVED AS TO FORM

By



Municipal Attorney for
Cole Copertino

EXHIBIT A

INTERSECTION LOCATION

AND

PERMIT DRAWINGS

(BCHCED REFERENCE #140918002)

Permit Set
Must be on jobsite at all times during construction
Notice: Inspection Required
24 hrs. prior to commencing any work in the public R/W, contact the Broward County Highway Construction and Engineering Division at 954-377-4600 for inspection.

Note: Approval of this plan does not constitute a permit for construction. A permit for construction must be obtained from the Broward County Highway Construction and Engineering Division prior to commencing construction in the public right of way.
All materials used and installations within the public right of way or easement shall be in accordance with Broward County Highway Construction and Engineering Division Specifications.

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
1	Cover Sheet
2-3	Roadway Plans
4	Details and General Notes
5	Turning Radius Details
6	Directional Bore Detail
S1-S2	Broward County Signing and Pavement Marking Standard Details
S3-S4	Signing and Pavement Marking Plans
L4-L6	Landscape Plans

LIST OF REVISED INDEX DRAWINGS

SHEET NO.	SHEET DESCRIPTION
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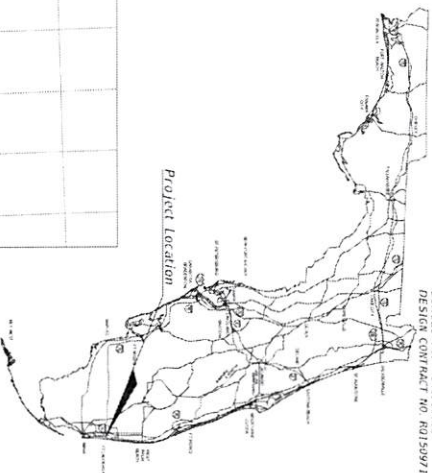
ADDITIONAL STANDARDS AND SPECIFICATIONS: Florida Department of Transportation, 2014 Design Standards and revised Index Drawings as appended herein, 2014 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents, Florida Greenbook, and Broward County Minimum Standards.
For Design Standards click on the "Design Standards" link at the following web site: <http://www.dot.state.fl.us/design/>
For Florida Greenbook click on the "Florida Greenbook" link at the same site.
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/>

For Broward County Minimum Standards click on the "Minimum Standards" link at the following web site: <http://www.broward.org/transportation/index.cfm>

CITY OF FORT LAUDERDALE

CONTRACT PLANS

NE 1st St. Pedestrian Crossings at N Andrews Ave. and NE 3rd Ave.



BROWARD COUNTY HIGHWAY CONSTRUCTION
AND ENGINEERING DIVISION

☐ PLAN CONSENTING
WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL
FOR PLATING, GRADING AND DRAINAGE

DATE: _____

BY: _____

DOES NOT INCLUDE APPROVAL
OF PAVEMENT MARKING & SIGNS

DATE	KEY SHEET REVISIONS DESCRIPTION

ENGINEER OF RECORD

P.E. NO. _____

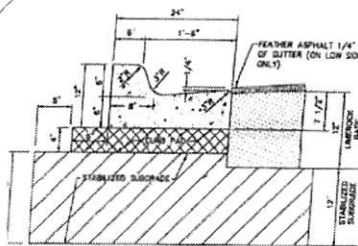
JON-MARK PATECOX, P.E.

7/28/17

FISCAL YEAR	SHEET NO.
15	1

NOTE: THE SCALE OF THESE
PLANS HAS BEEN CHANGED
DUE TO REPRODUCTION.

ROADWAY PLANS
PREPARED BY:
Jon-Mark Patecox, P.E.
PO Box 3866
Lithia, HI 96756



NOTE:
When used on high side of roadways the cross slope of the gutter shall match the cross slope of the adjacent pavement and the thickness of the lip shall be 8" instead of 7 1/2".

TYPE "F" CURB & GUTTER

SCALE: NONE

Plan Set General Notes:

Utilities:

- The agency responsible for maintenance of the traffic signals and related equipment is Broward County Traffic Engineering Division (BCTED). All system communications equipment, cabling and related material shall comply with Broward County's latest edition of the minimum standards as approved in the Standards and Specifications (for approved) document. Please refer to BCTED's Communications Policies and Procedures for additional information. Broward County Traffic Engineering Division will not accept any projects that do not meet these standards and specifications. If fiber optic pull boxes already exist at an intersection, no additional fiber optic pull boxes will need to be installed. For a copy of these standards refer to the Broward County website at www.broward.net/TRAFFIC under policies.
- All BCTED communications cables/conduit shall be located a minimum of 48 hours in advance.
- When communications for an intersection must be disrupted by a Contractor to perform work, the Contractor shall provide ten-day advance notice to the Broward County Traffic Engineering Division. This notification shall be conveyed via electronic mail to the Traffic Signal Technician (all fiber optic technicians) in the Communications (for fiber optic technicians) at communications@broward.net. Notification shall include contact person, telephone number, purpose, location and duration. The disruption shall last no more than 3 consecutive business days. Where possible, the disruption shall be during off-peak hours beginning at 4:00am and ending at 3:00pm.

Maintenance of Traffic:

The MAINTENANCE OF TRAFFIC plan, provided by the Contractor, shall include provisions for pedestrian and school student traffic, as well as volunteer traffic. The following are minimum requirements:

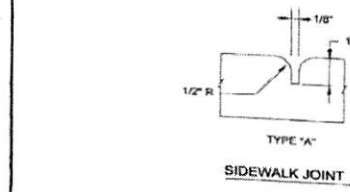
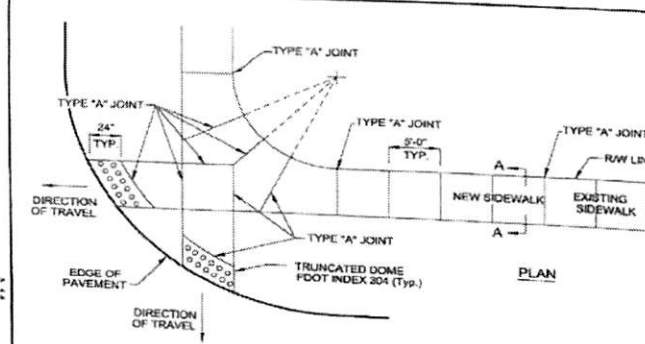
- The safe walk route for all school students within the vicinity of the construction zone shall be maintained during the times students are arriving at or leaving school. If the current walking surface cannot be maintained, then a temporary walkable surface shall be created utilizing 4 feet road work. The safe walk route shall be signed and from the construction activity by main travel barrier walls for the entire length of the project or the length of the walk route, whichever is less, with proper pedestrian signage only, at designated crossings. It to be discussed at the pre-construction meeting. This walkable surface shall meet all ADA requirements. The contractor shall also install or modify any additional pavement, signing, markings or pedestrian signals as needed in consultation with city safe walk route throughout their project.
- All construction equipment around any designated crosswalk shall cease to move during the times students are arriving at or leaving school. All construction equipment adjacent to a designated walk route shall leave operating unless specifically authorized from the walk route.
- In the case that a designated crossing or any portion of the designated walk route cannot be maintained, then the Contractor shall notify the Special Projects Coordinator of Broward County Traffic Engineering Division (564-847-2050) a minimum of 100 days prior to the start of construction to allow for an alternate crossing/route to be established.
- It shall be the responsibility of the Contractor to install any necessary pavement, road work, pavement marking and signage and/or any pedestrian signalization and/or signal coordination to accommodate an existing or proposed walk route.
- It shall be the Contractor's responsibility to provide State Certified School Crossing Guards or Off Duty Police Officers to cross students at any locations other than those previously designated. The Contractor may use flagmen ONLY if they are State Certified as a School Crossing Guard.
- Thirty (30) days prior to the beginning of construction the Contractor shall notify the Special Projects Coordinator of Broward County Traffic Engineering Division, (564-847-2050) to arrange a pre-construction meeting - school safety meeting.
- It shall be the Contractor's responsibility to notify the Broward County School Bus/Pupil Transportation Department in advance of a pre-construction school bus route meeting at the following:
 - Ruth Masters - Schooling (564) 321-4400 Ext. # 2309
 - Vincent Harrell - School Transportation & Fleet Service (754) 321-4472
 - Vincent Harrell - School Transportation & Fleet Service (754) 321-4472
 - Mary Teckermann - Student Transportation & Fleet Service (754) 321-4400 Ext. # 2006
 - Mary Teckermann - Student Transportation & Fleet Service (754) 321-4400 Ext. # 2006

This meeting is to determine all bus routes and to make any necessary arrangements for rerouting. This meeting may include the Special Projects Coordinator from Broward County Traffic Engineering Division (564-847-2050).

The Contractor shall be responsible for providing a safe and adequate walking surface for all school children/pedestrians. The safe walk route shall be part of the MAINTENANCE OF TRAFFIC plan.

The Contractor shall be responsible for obtaining an approved Maintenance of Traffic plan (MOT), including the safe school/pedestrian conditions, through Broward County Traffic Engineering Division or local municipality, depending on location jurisdiction. The conditions outlined in the MOT are to be followed and fully enforced as well as the project requirements. The Contractor shall be responsible for ensuring that all work associated with this project is in compliance with all the requirements of the approved MOT, including the active school/pedestrian conditions.

The Contractor shall ensure that there are NO speed limit signs installed within the designated school zone, at any time throughout the project.



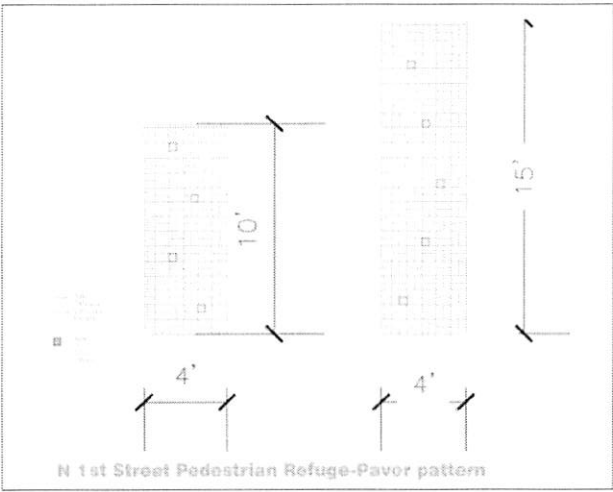
TYPE	LOCATION
"A"	5'-0" CENTER TO CENTER ON SIDEWALKS

- NOTES:
- CONCRETE TO BE CLASS 1, 3000 P.S.I.
 - THE USE OF REINFORCEMENT IS NOT PERMITTED.
 - SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT.
 - RAMP SLOPES SHALL BE PROVIDED AT ALL INTERSECTIONS IN ACCORDANCE WITH FOOT INDEX 304.
 - THE VERTICAL DEVIATION FOR A NEW SIDEWALK SHALL NOT BE MORE THAN 1/2".
 - THE VERTICAL DEVIATION FOR A NEW MAINTENANCE ACCESS STRUCTURE COVER SHALL NOT BE MORE THAN 1/2".
 - SUBGRADE MATERIAL SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T-99.
 - STAMPED CONCRETE IS NOT ALLOWED IN LIEU OF TRUNCATED DOMES.
 - SEE HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION APPROVED PRODUCT LIST FOR ACCEPTABLE MATERIALS FOR TRUNCATED DOMES.

**BROWARD COUNTY
HIGHWAY CONSTRUCTION
AND ENGINEERING DIVISION**

**SIDEWALK
TYPICAL DETAILS**

Approved by: **C. RUSSELL** 14
 Revised: 12/06/13 JEP DWG. NO.



N 1st Street Pedestrian Refuge-Pavement pattern

BCHCED Ref #1-10918002

General Notes

Permit Set
Must be on jobsite at all times during construction.

Notice: Inspection Required
24 hrs. prior to commencing any work in the public ROW, contact the Broward County Highway Construction and Engineering Division at 954-577-4600 for inspection.

Note: Approval of this plan does not constitute a permit for construction. A permit for construction must be obtained from the Broward County Highway Construction and Engineering Division prior to commencing construction in the public right of way.

All materials used and installations within the public right of way or easements shall be in accordance with Broward County Highway Construction and Engineering Division specifications.

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION

☒ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVING, GRADING & DRAINAGE

No. _____ Revision/Issue _____ City _____

FOR RECORD OR RECORD

Engineer of Record
John Mark Palacios, P.E.
License # 77963

PD Box 2806
Lithia, FL 36766

Project Name and Address

NE 1st St. Pedestrian Crosswalk
City of Fort Lauderdale
100 N Andrews Ave.
Fort Lauderdale, FL 33301

Project # 101509713

Date 6/22/2016

Sheet 4

Project # 1015531313

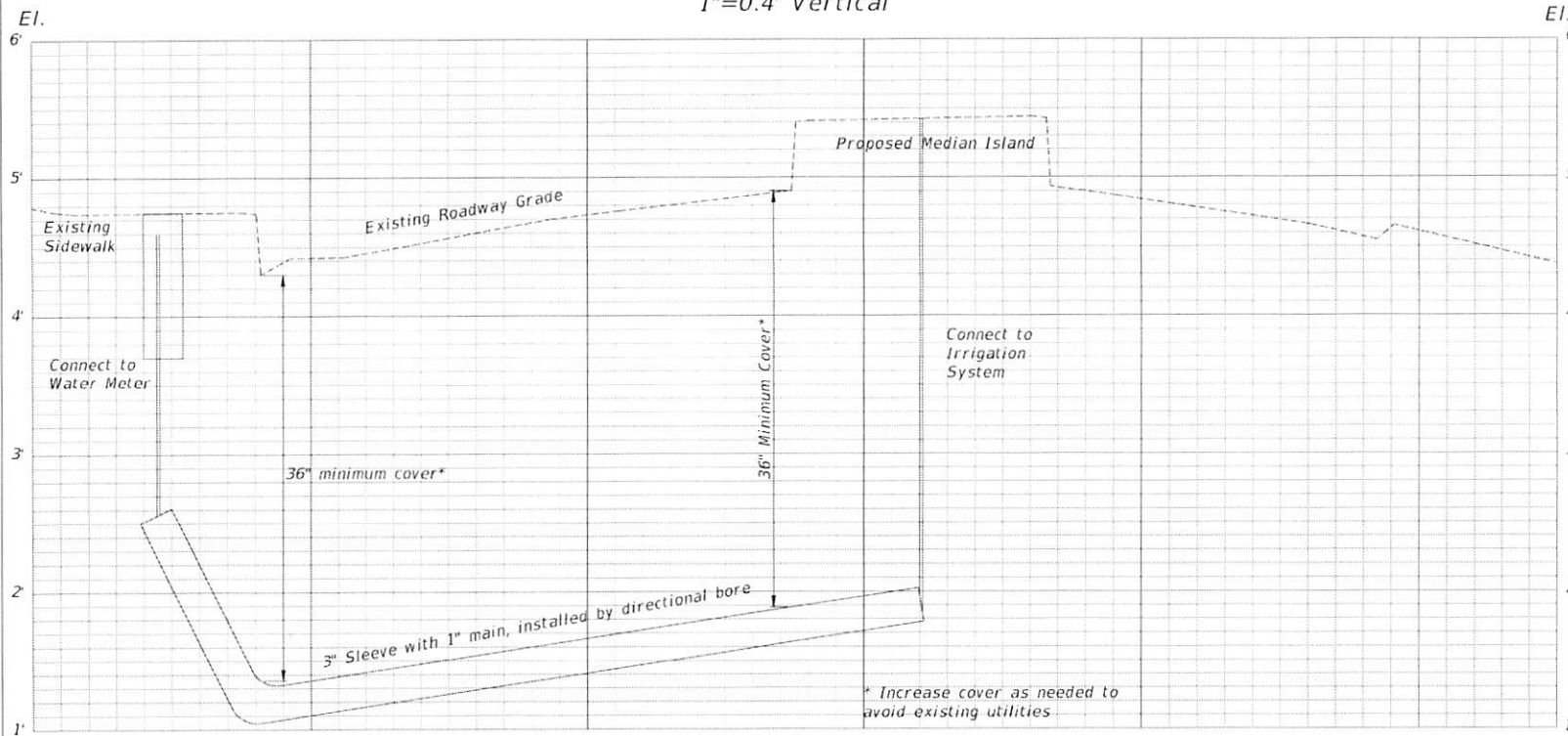
File: C:\Users\JM\Dropbox\Camino Palacios\Civil 3D Sheetlog for invalid reference

Details and General Notes

Directional Bore Typical Detail

Scale: 1" = 2' Horizontal

1" = 0.4' Vertical



General Notes

Permit Set
Must be on jobsite at all times
during construction

Notice: Inspection Required
24 hrs. prior to commencing any
work in the public ROW, contact the
Broward County Highway
Construction and Engineering Division
at 954-577-4600 for inspection.

Note: Approval of this plan does not
constitute a permit for construction.
A permit for construction must be
obtained from the Broward County
Highway Construction and
Engineering Division prior to
commencing construction in the public
right of way.

All materials used and installations
within the public right of way or
easements shall be in accordance
with Broward County Highway
Construction and Engineering Division
Specifications.

Notes:

- Underground utility locations not
shown. Contractor responsible
for identifying and avoiding
underground utilities during
placement of the directional
bore.
- Elevations shown are for
addresses Ave. NE 2nd Ave. cover
requirements are the same.

BROWARD COUNTY HIGHWAY CONSTRUCTION
AND ENGINEERING DIVISION

- ☒ PLAN CONSISTENT
WITH PLAT REQUIREMENTS
- ☐ PUBLIC RIGHT OF WAY APPROVAL
FOR PAVING, DRAINAGE AND DRAINAGE

BY: DATE:

DOES NOT INCLUDE APPROVAL
OF EXISTING UTILITIES & ETC.

No. Revision/Issue City

FOR REVIEW AND RECORD

Engineer of Record
John Mark Palmaris, P.E.
License # 71961

PG. 004 2006
Issue: 01 2016

Project Name and Address

NE 1st St. Pedestrian Crosswalk
City of Fort Lauderdale
100 N Andrews Ave
Fort Lauderdale, FL 33301

Project: RQ1509713

Date: 6/22/2016

Scale: 1" = 2'

6

Division Specifications

© 2000 by John Wiley & Sons, Inc.

2 MAIN CONCEPT

PUBLIC HEART: ON WHAT ARE YOU PLAYING, DEADEND AL?

FROM LEFT: MICHAEL ALLEN

100

No.	Revisions/Comments

THE BUREAU OF MINES

1999, p. 2394

With regard to the "quality"

1

101 St. Andrews Ave.

For Counterfactual, 41.7%

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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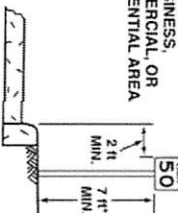
09/07/2016

ITS

GUIDE TO USE THIS STANDARD:

1. Calculate the Total Panel Area and the centroid "C" for an individual sign or a sign cluster.
2. Determine the "height" H' from the groundline for the individual sign or the cluster.
3. Consult the Post Size Table and find the intersection point.
4. Design the post and the foundation according to the required Post Size and Assembly Details.

**C - ROADSIDE SIGN
IN BUSINESS,
COMMERCIAL, OR
RESIDENTIAL AREA**

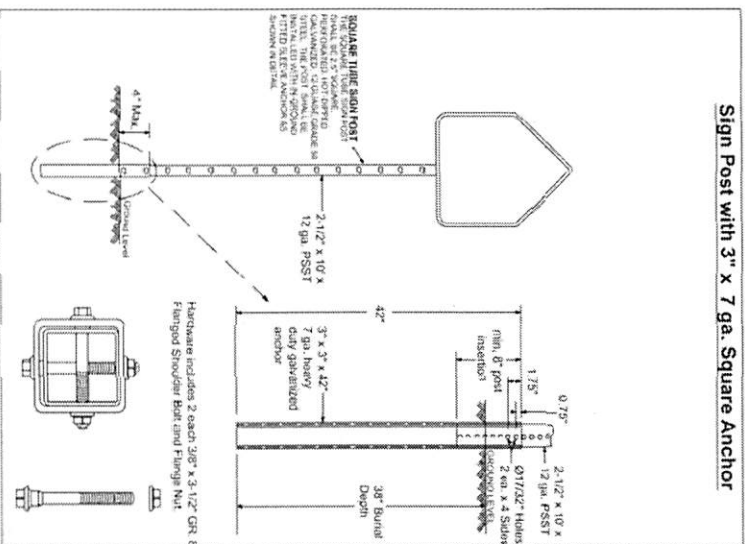


*Where parking or pedestrian movements are likely to occur

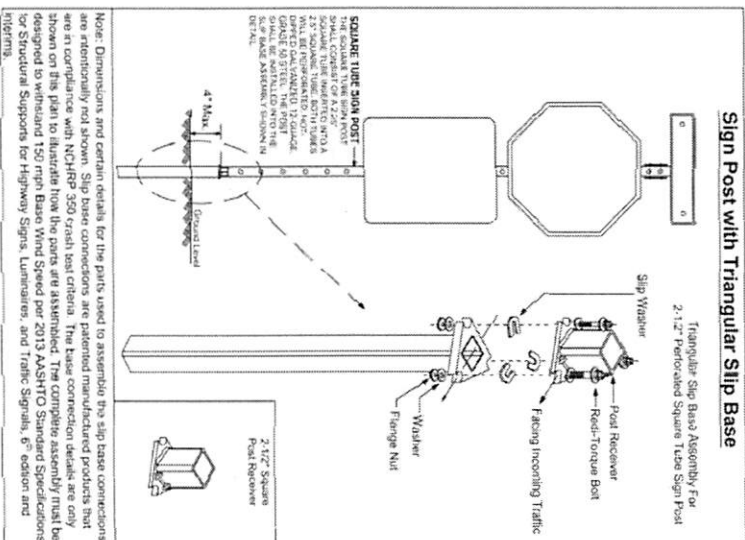
Post Size Table

H' Sign Assembly Height (ft)	Total Panel Area (sq ft)	Sign Panel Assembly
3	8	8' x 5' x 7' x 10'
4	9	9' x 5' x 7' x 10'
5	10	10' x 5' x 7' x 10'
6	11	11' x 5' x 7' x 10'
7	12	12' x 5' x 7' x 10'
8	13	13' x 5' x 7' x 10'
9	14	14' x 5' x 7' x 10'
10	15	15' x 5' x 7' x 10'
11	16	16' x 5' x 7' x 10'
12	17	17' x 5' x 7' x 10'
13	18	18' x 5' x 7' x 10'
14	19	19' x 5' x 7' x 10'
15	20	20' x 5' x 7' x 10'
16	21	21' x 5' x 7' x 10'
17	22	22' x 5' x 7' x 10'
18	23	23' x 5' x 7' x 10'
19	24	24' x 5' x 7' x 10'
20	25	25' x 5' x 7' x 10'

Sign Post with 3" x 7 ga. Square Anchor



Sign Post with Triangular Slip Base



**BROWARD
COUNTY**

**PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION**

**GROUND SIGN ASSEMBLY
DETAILS**

**SHEET
NO.**

1 OF 1

DATE

DESCRIPTION

DESIGN BY: VES DAILOU, P.E.

DRAWN BY: STEPHEN FALCETTI

CHECKED BY: ANDREW SEID, P.E., PTOE

SCALE: NTS

PROJECT NO.

DATE

DESCRIPTION

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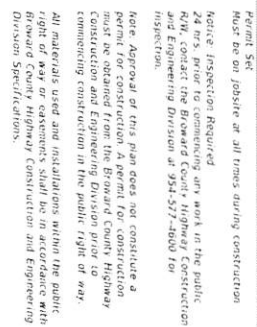
CHECKED BY: ANDREW SEID, P.E., PTOE

SCALE: NTS

PROJECT NO.

DATE

DESCRIPTION



ECHCED Ref #14091800Z

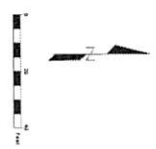
1. All proposed signs are to be furnished and installed, including posts and anchors to contractor, in accordance with the applicable American Standards Association (ANSI) Standards and IBC 2012 standards as applicable.
2. Flashing LED system to include wireless remote control and receiver to be provided. Flashers will activate simultaneously.
3. Flashers will be set to provide a crossing time of 1 second.
4. Activating signaling to be removed by motorizing or mechanical device.
5. Payment: Messages and strings are not included.
6. Median island shall include reflective yellow paint and flags, at each end according to Florida County Traffic Engineering Standards.

[illegible]

Engineers of Record:
John M. & P. L. Patton, P.E.
Telephone # 7-3991

RE: 1st St. Pedestrian Crosswalk
City of Fort Lauderdale
150 N Andrews Ave
Fort Lauderdale, FL 33301

pp141553
Date 6/22/2016
Size 1" x 20"



All materials used and insulations within the public right of way or easements shall be in accordance with **Broward County Highway Construction and Engineering Division Specifications.**

- RECORDING TOWNSHIP BOARD OF COMMISSIONERS
- ☐ **PLAN COMMENTARY**
BY _____ DATE _____
- ☐ **PUBLIC RIGHT OF WAY APPROVAL**
FOR PARKING, SIGNALING AND SIGNALING
BY _____ DATE _____
- ☐ **DOES NOT INCLUDE COMMENTS**
OF TOWNSHIP BOARDING A ROAD

NE 1st St. Padstern Crossroads
City of Fort Lauderdale
100 N Andrews Ave.
Fort Lauderdale, FL 33301

NE 3rd Ave. Intersection

Contract Notes	
<ol style="list-style-type: none"> 1. All material notes are to be furnished and include: a. including notes and details by contractor in accordance with Traffic Engineering Standards and FHQ 2014 standards and 2. provide a detailed system to include wireless communication to all signs at the crossing. 3. Plans will be set to provide a crossing time of 17 seconds. 4. Timing starting to be measured by meter timing or microtiming. 5. Permanent Message and Thermoplastic. 6. Median Island shall include reflective yellow paint, and to be placed on the Island to Blount County Traffic Engineering Standards. 	
<p style="text-align: center;">APPROVED FOR SUBMITTAL CONSTRUCTION AND CONSTRUCTION DIVISION</p> <p style="text-align: center;">PLAY CONSIGNMENT</p> <p style="text-align: center;">FOR PLAY REQUIREMENTS</p> <p style="text-align: center;">FOR PAVING, GRADING AND DRAINAGE</p> <p style="text-align: center;">BY _____ DATE _____</p> <p style="text-align: center;">OR _____ DATE _____</p> <p style="text-align: center;">OF PROJECT DIVISION 5 PERS</p>	
<p style="text-align: center;">FOR THE PROJECT DIVISION</p> <p style="text-align: center;">John Ray Parsons P.E. License # 13966 PO Box 3066 Blount County, MO 65616</p>	<p style="text-align: center;">FOR THE PROJECT DIVISION</p> <p style="text-align: center;">John Ray Parsons P.E. License # 13966 PO Box 3066 Blount County, MO 65616</p>
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BC Permit #140918002

Landscape Architectural Design
for:

CITY OF FORT LAUDERDALE PEDESTRIAN REFUGE CROSSWALKS

N ANDREWS AVE. & NW 1S ST. INTERSECTION
N 3RD AVE. & NE 1ST ST. INTERSECTION
FORT LAUDERDALE, FLORIDA 33301

cādence
planning + designing living environments

www.cadence-living.com
Fort Lauderdale, FL | 954.766.4522
LANDSCAPE ARCHITECTURE | PLANNING | URBAN DESIGN

LANDSCAPE & IRRIGATION DRAWINGS

DATE: SEPTEMBER 17, 2015 Cadence Project No. 15.009

DRAWING LIST	
SHEETS	DRAWINGS
L4-1.00	PLANTING PLAN - N ANDREWS AVE. & NW 1ST ST.
L4-1.01	PLANTING PLAN - N 3RD AVE. & NE 1ST ST.
L4-2.00	SIGHT TRIANGLE OVERLAY - N ANDREWS AVE. & NW 1ST ST.
L4-2.01	SIGHT TRIANGLE OVERLAY - N 3RD AVE. & NE 1ST ST.
L4-3.00	PLANTING DETAILS
L6-1.00	IRRIGATION PLAN - N ANDREWS AVE. & NW 1ST ST.
L6-1.01	IRRIGATION PLAN - N 3RD AVE. & NE 1ST ST.

PLANT LIST

GENERAL PLANTING REQUIREMENTS:

[illegible]

PROJECT INFORMATION



PROJECT NO: 15.009

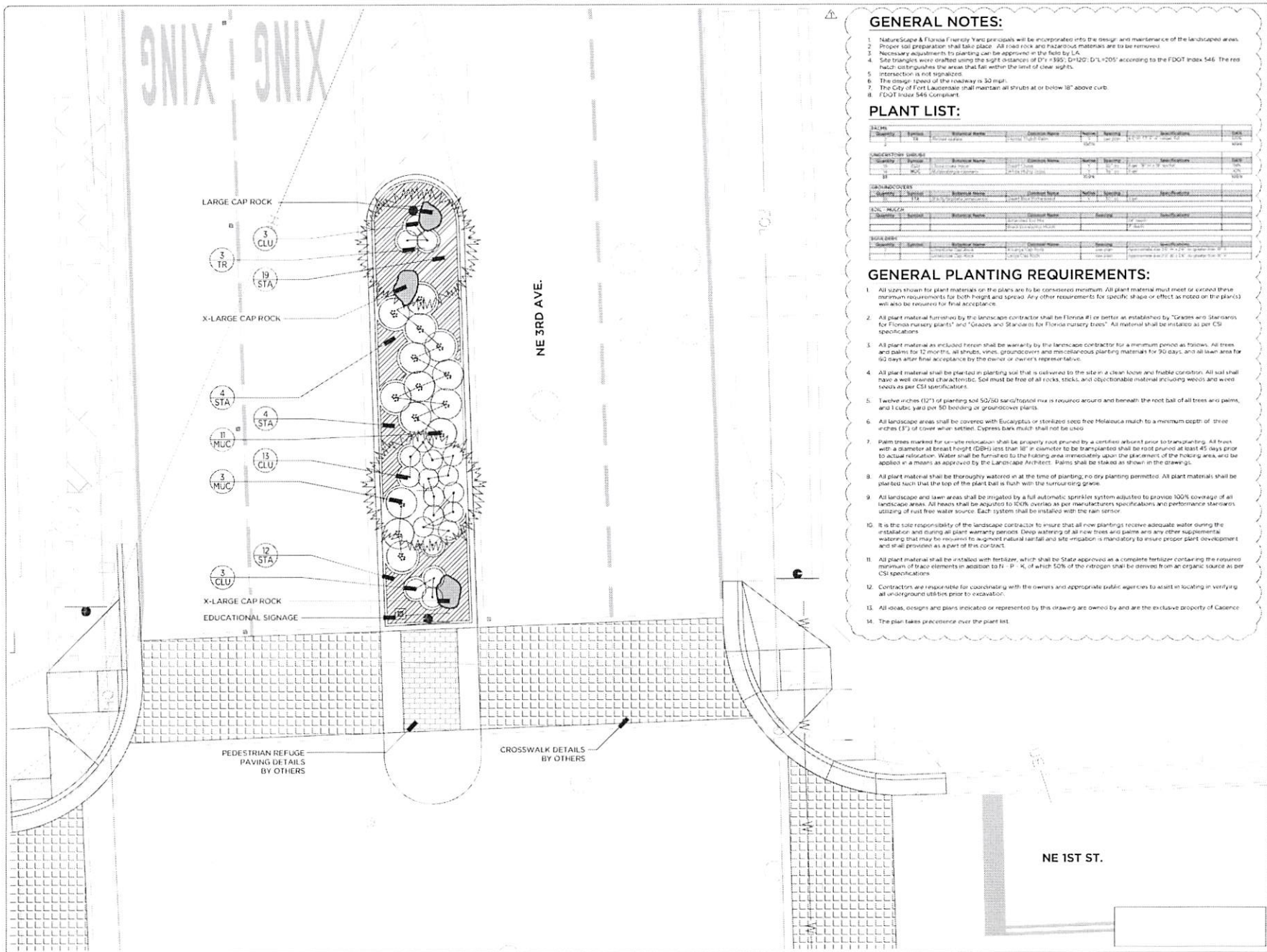
DRAWN BY: Cacence

CHECKED BY:

DATE: SEPTEMBER 17, 2015

SCALE: $\frac{1}{4}'' = 1'-0''$



BC PERMIT #: 140918002

cadence
LANDSCAPE ARCHITECTS

www.cadence-landscape.com
1000 N. W. 1st St., Suite 100
Fort Lauderdale, FL 33301

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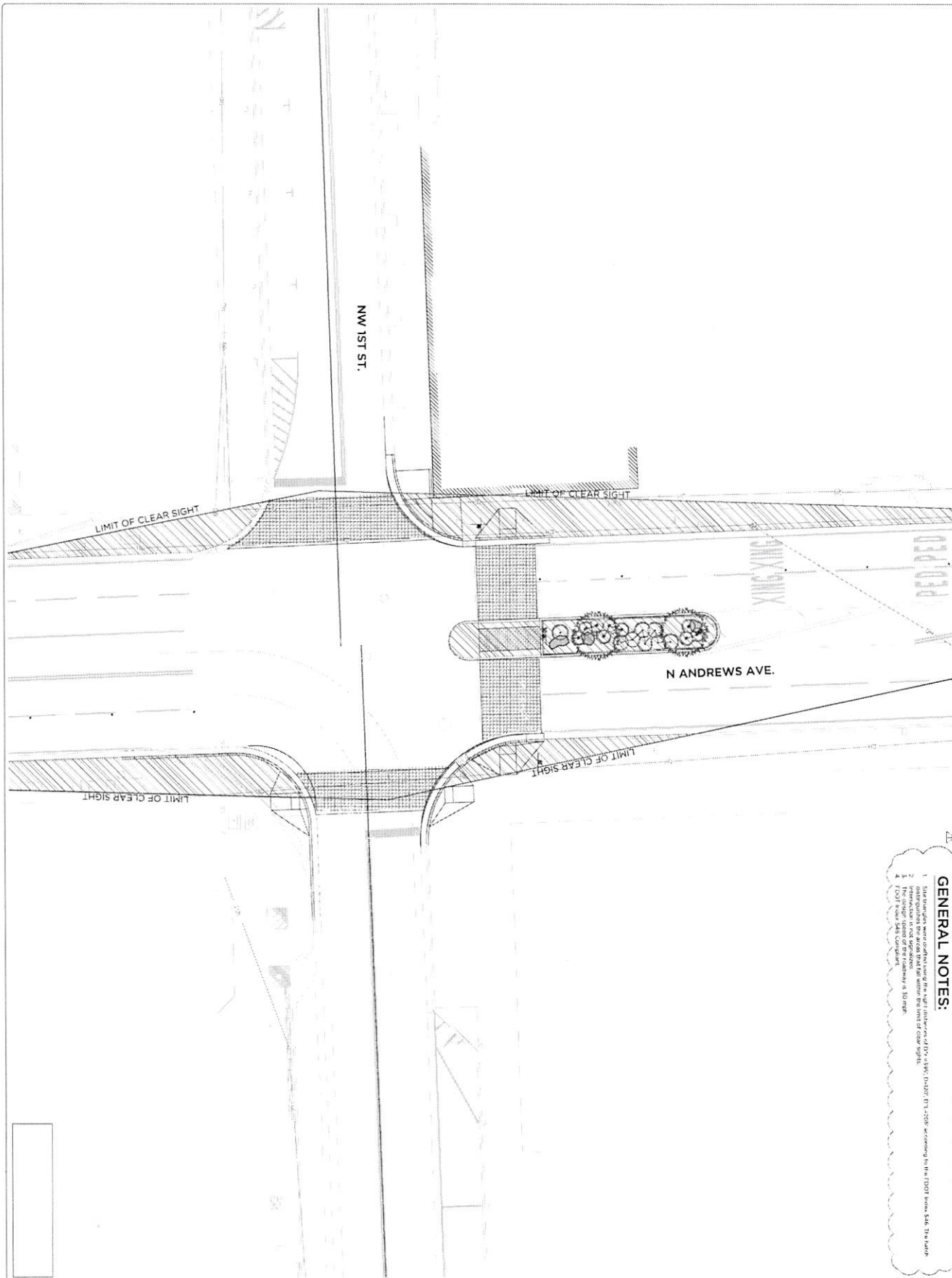


Project:
**City of Fort Lauderdale
Pedestrian Refuge Crosswalks**
Intersection of NE 1st St. & N 3rd Ave.
Fort Lauderdale, Florida 33301

NO.	REVISIONS & MILESTONES	DESCRIPTION	DATE
1	1	LANDSCAPE COMMENTS	12.03.15

PROJECT INFORMATION
PROJECT NO. 15-009
DRAWN BY: Cadence
CHECK BY: JMS
DATE: SEPTEMBER 17, 2015
SCALE: 1" = 1'-0"
NORTH

LANDSCAPE PLAN
L4-1.01



GENERAL NOTES:

1. Sight triangles were confirmed using the sight triangle of 150' x 150' x 150' according to the Florida Statute, Title 316.
2. The design speed of the roadway is 30 mph.
3. The design speed of the roadway is 30 mph.
4. The design speed of the roadway is 30 mph.

L4-2.00

PROJECT INFORMATION
 PROJECT NO. 15.009
 DRAWN BY: CARENCE
 CHECK BY:
 DATE: SEPTEMBER 17, 2015
 SCALE: 1" = 10'-0"

REVISIONS & MILESTONES		
NO.	DESCRIPTION	DATE
1	Landscape Comments	12.03.15

Project:
City of Fort Lauderdale
Pedestrian Refuge Crosswalks
 Intersection of NW 1st St. & N Andrews Ave.
 Fort Lauderdale, Florida 33301



candence
 LANDSCAPE ARCHITECTS
 1500 N. W. 1st St.
 Fort Lauderdale, FL 33301
 (954) 575-1100
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DEPARTMENT: 14-0000000

GENERAL IRRIGATION NOTES:

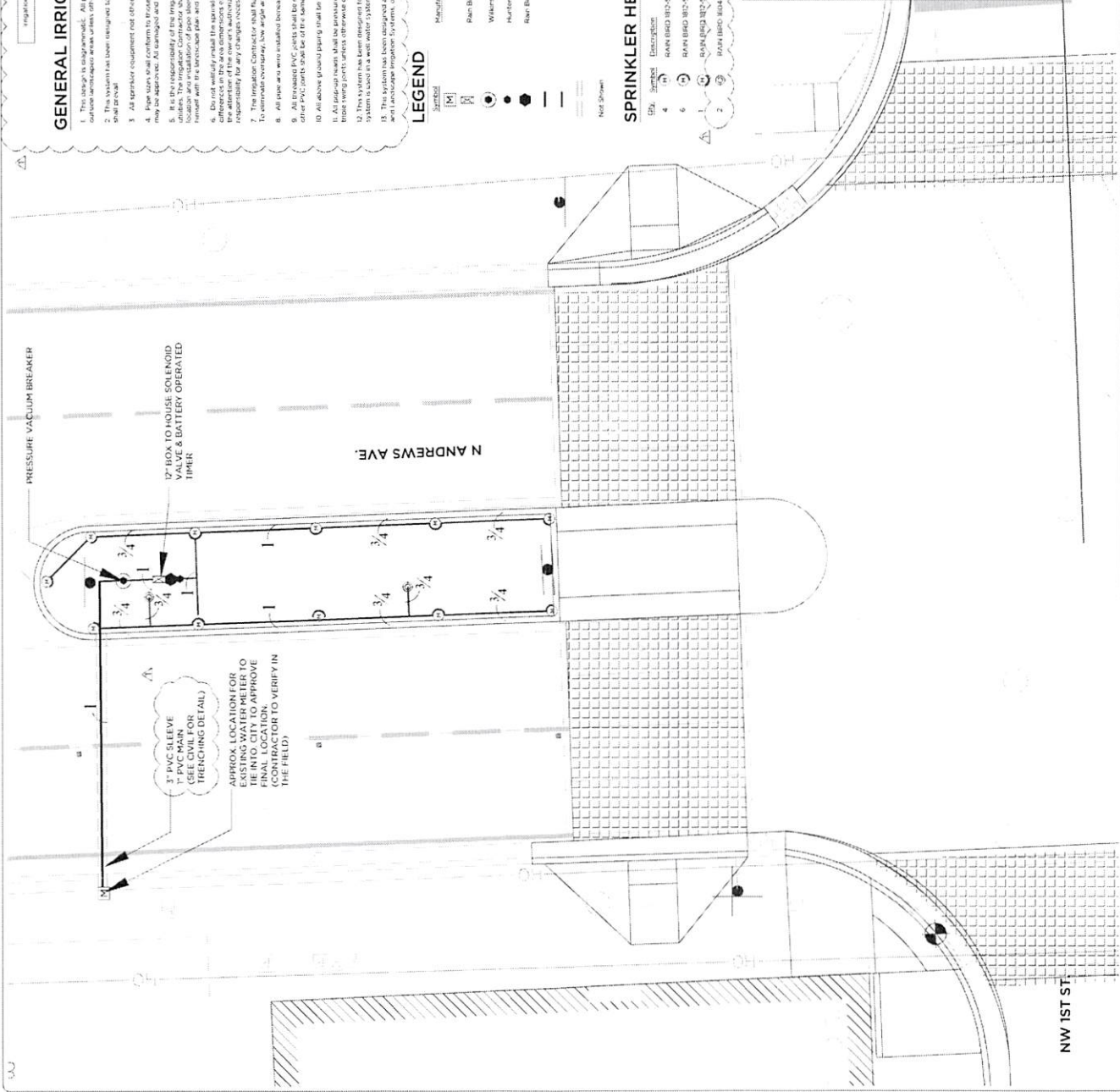
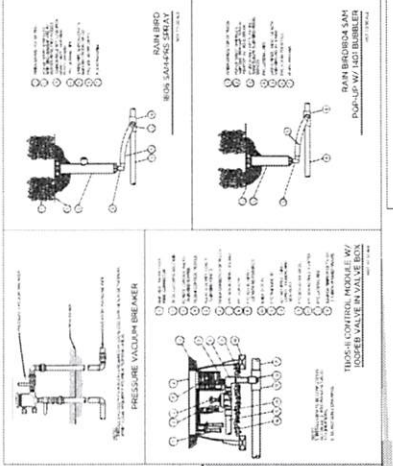
1. The system is underground. All pipes, valves, etc., shown on the plan are to be deeply identifiable only. No inground equipment may be required to be visible.
2. The system is designed to meet all applicable codes, standards, and regulations. The system is designed to be installed in accordance with the requirements of the applicable code. Should any conflict arise, the requirements of the codes shall prevail.
3. All applicable equipment and materials specified shall be obtained as per the manufacturer's recommendations and specifications.
4. Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of the larger size may be approved. All damaged or defective pipe to be removed from the site at the time of state inspection.
5. It is the responsibility of the Irrigation Contractor to be furnished with all exact elevations, location of walls, existing walls, structures and structures to be removed, and any other information necessary to complete the project. The Irrigation Contractor shall verify the location and installation of pipe trenches and conduct through walls, other structures or paving, etc. The Irrigation Contractor shall verify the location for a trench pipe and locate the installation with the Landscape Contractor.
6. Do not modify, replace the spigot or system shown on the drawings where it is shown in the field that customer specifications, which preferences or requirements are shown on the drawings, are not shown on the drawings. The Irrigation Contractor shall be responsible for the effect of the owner's preferences representative to. In the event this modification is not performed, the Irrigation Contractor shall be liable for any damages caused.
7. The Irrigation Contractor shall notify and request all applicable agencies to accept the optimum coverage with no overlap on its work. Street walls, etc. to be covered with new pipe and material and replace any damaged or defective material by the Irrigation Contractor.
8. All pipe and wire installed beneath paving shall be covered in Schedule A PVC pipe.
9. All finished PVC parts shall be made using Schedule 80 PVC pipe. All other parts shall be made using Schedule 40 PVC pipe.
10. All above ground piping shall be Schedule 40 PVC pipe. All other parts specified.
11. All fittings shall be made of schedule 40 PVC pipe. All fittings shall be made of schedule 40 PVC pipe. All fittings shall be made of schedule 40 PVC pipe.
12. The system is a water metering system, the well shall be protected in accordance with Florida state law.
13. The system has been designed and shall be installed in accordance with all the requirements of Appendix F, Construction and Building Codes for building a landscape irrigation system, of the Florida Building Code.

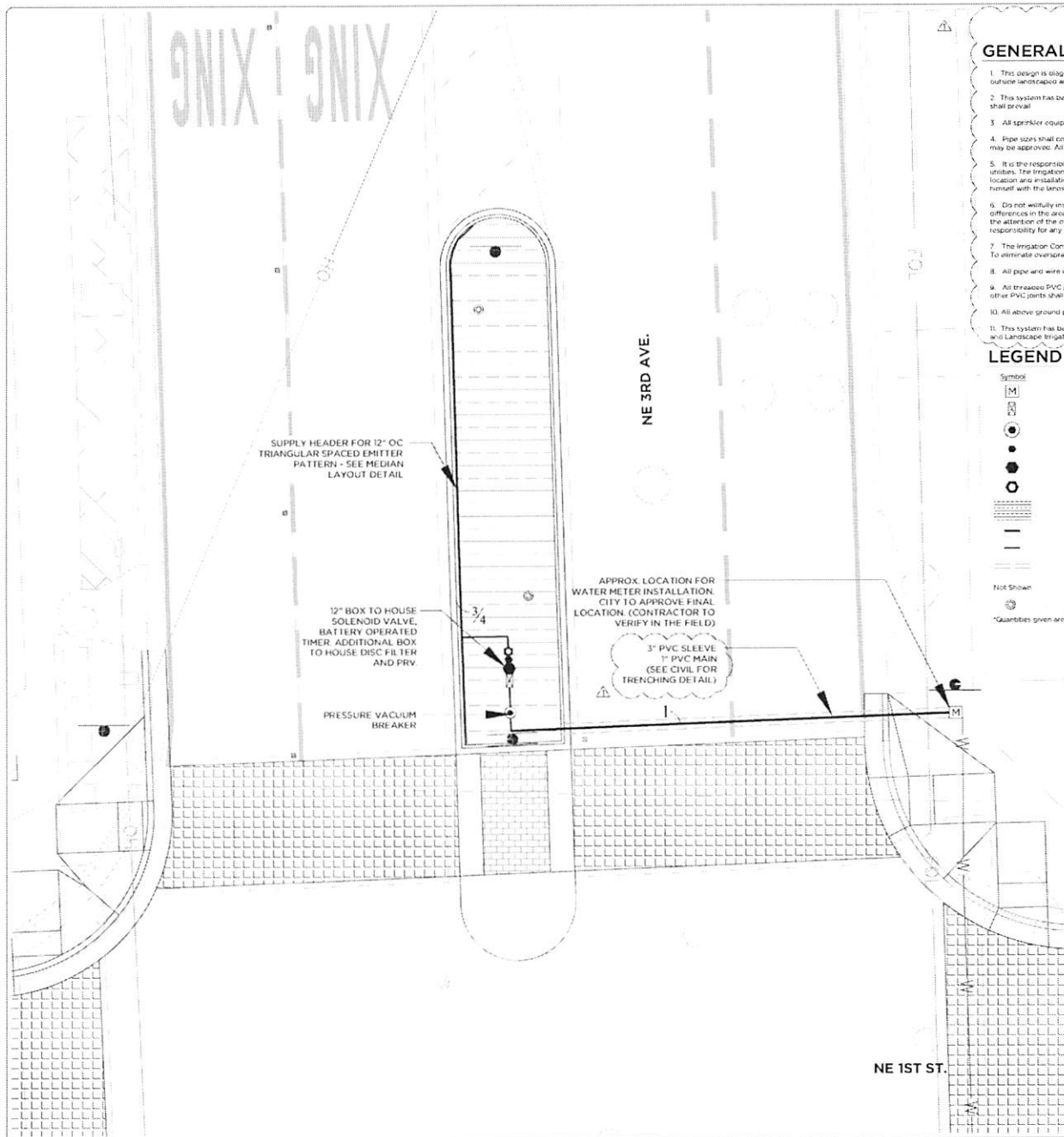
LEGEND

Manufacturer	Part No.	Description
Water Meter	1"	"BICSI" Library: Component Control Module - 1 Station w/ Field Transmitter
Water Meter	7520A	Pressure Return Breaker
Water Meter	Mini-CMA	Run switch mount as per spec according to installation instructions
Water Meter	IQSB/E	IQSB/E = 1" inlet solenoid valve plastic industrial irrigation valve
Water Meter	Schedule 40	1" PVC main
Water Meter	SGP26 / Class40	PVC base
Water Meter	Schedule 40	3" PVC sleeves
Water Meter	LAARIG Type 1F	Direct burial irrigation well

SPRINKLER HEAD SCHEDULE

QTY	Serial	Description	Detail	PSI	QPM	RAD
4	(1)	RAN BIRD 302-SAN-3075-S-W/ HIGH EFFICIENCY VARIABLE ARC NOZZLE 1/2-VAN-30	\$	30	VAR	10"
6	(2)	RAN BIRD 302-SAN-3075-S-W/ HIGH EFFICIENCY VARIABLE ARC NOZZLE 1/4-VAN-30	\$	30	VAR	10"
1	(3)	RAN BIRD 302-SAN-3075-S-W/ HIGH EFFICIENCY VARIABLE ARC NOZZLE 1/2-VAN-16	\$	30	VAR	10"
2	(4)	RAN BIRD 302-SAN-3075-S-W/ HIGH EFFICIENCY VARIABLE ARC NOZZLE 1/2-VAN-16	\$	30	VAR	10"
2	(5)	RAN BIRD 302-SAN-3075-S-W/ HIGH EFFICIENCY VARIABLE ARC NOZZLE 1/2-VAN-16	\$	30	VAR	10"





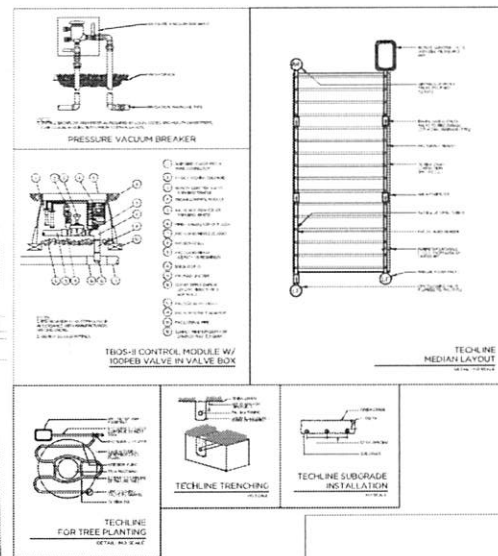
GENERAL IRRIGATION NOTES:

1. This design is diagrammatic. All piping, valves, etc., shown within paved area is for design clarification only. No irrigation equipment may be installed outside landscaped areas unless otherwise directed.
2. This system has been designed to conform with the requirements of the applicable codes. Should any conflict exist, the requirements of the codes shall prevail.
3. All sprinkler equipment not otherwise detailed or specified shall be installed as per the manufacturer's recommendations and specifications.
4. Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of the larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.
5. It is the responsibility of the Irrigation Contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The Irrigation Contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves and laterals through walls, under roadways and paving, etc. The Irrigation Contractor shall also familiarize himself with the landscape plan and coordinate the installation with the Landscape Contractor.
6. Do not willfully install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the Irrigation Contractor shall assume full responsibility for any changes necessary.
7. The Irrigation Contractor shall flush and adjust all sprinkler heads and valves for optimum coverage with no overspray on to walks, streets, walls, etc. To eliminate overspray, low angle and variable arc nozzles may be substituted for standard spray nozzles.
8. All pipe and wire installed beneath paving shall be sleeved in Schedule 40 PVC pipe.
9. All threaded PVC joints shall be made using Schedule 40 PVC nipple stubs and solvent weld couplings. No threaded adapters will be allowed. All other PVC joints shall be of the same type as the specified pipe, i.e., 10' ring or solvent weld.
10. All above ground piping shall be schedule 40 PVC, unless otherwise specified.

LEGEND

Symbol	Manufacturer	Part No.	Description
	1"		Water Meter
	Ran Bld.	TBOS2CH1	TBOS-II Battery Operated Control Module - 1 Station w/ Field Transmitter
	Wetris	720A	Pressure vacuum breaker
	Hunter	Mini-Clik	Rain switch - mount as directed according to installer instructions
	Rain Bird	100PEB	100PEB - 1" inlet solenoid inline plastic industrial irrigation valve
	NETAFIR	DF075-140	3/4" manual disc filter, 140 mesh
	NETAFIR	TLRW6-12	12" oc triangular spaced grid emitter pattern - see details below
	Schedule 40		1" PVC main
	SDR26 / Class 160		PVC pipe
	Schedule 40		3" PVC sleeves
	14AWG Type UF		Direct burial irrigation wire
			Location of tree - see detail for tree planting

*Quantities given are for contractor convenience only. The accuracy is not guaranteed. All quantities shall be verified.



BC PERMIT #: 140918002

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Project
**City of Fort Lauderdale
Pedestrian Refuge Crosswalks**
Intersection of NE 1st St. & N 3rd Ave.
Fort Lauderdale, Florida 33301

NO.	REVISIONS & MILESTONES	DATE
1	DESCRIPTION	12/23/15
2	Landscaping Comments	

PROJECT INFORMATION	DATE
APP'D BY: J. S. G. 12/23/15	
DESIGNED BY: J. S. G.	
CHECKED BY: J. S. G.	
DATE: SEPTEMBER 17, 2015	
SCALE: 1" = 1'-0"	

IRRIGATION PLAN

L6-1.01