Prepared by and return to:

Nectaria M. Chakas, Esq. Lochrie & Chakas, P.A. 1401 E. Broward Boulevard, Suite 303 Fort Lauderdale, FL 33304

Folio Number: 5042 0550 0015

ASSUMPTION OF LIABILITY AND HOLD HARMLESS AGREEMENT

THIS ASSUMPTION OF LIABILITY AND HOLD HARMLESS AGREEMENT ("Assumption Agreement") is entered into this _____ day of _______, 2019, by and between:

RIVERBEND MASTER ASSOCIATION, INC., a Florida corporation, whose principal address is 201 S. Biscayne Boulevard, Suite 1950, Miami, FL 33131 ("Owner").

and

CITY OF FORT LAUDERDALE, a municipal corporation of the State of Florida having a principal address at 100 North Andrews Avenue, Fort Lauderdale, FL 33301 (hereinafter "CITY").

RECITALS

WHEREAS, OWNER is the owner of a parcel of land legally described in **Exhibit "A"** attached hereto and made a part hereof (the "Property"); and

WHEREAS, the Property is located on the north side of State Road 842 also known as Broward Boulevard (hereinafter referred to as "Broward Boulevard"), a right-of-way which is under the jurisdiction of the State of Florida Department of Transportation ("FDOT");

WHEREAS, certain landscape and streetscape improvements are proposed to be installed in the right-of-way of Broward Boulevard consisting of landscaping, irrigation and tree grates ("Streetscape Improvements"); and

WHEREAS, the Streetscape Improvements are proposed to be installed on the north side of the Broward Boulevard right-of-way (between Mile Post 4.884 NS 4.987) (the "Improvement Area"); and

WHEREAS, in order to permit the Streetscape Improvements to be constructed in the FDOT right-of-way, FDOT requires the City to enter into an agreement entitled "State of Florida"

Department of Transportation District Four Landscape Maintenance Memorandum of Agreement" (the "Agreement") which is attached hereto and incorporated herein as **Exhibit "B"**; and

WHEREAS, the terms and conditions are set forth in the Agreement impose responsibility for maintenance of the Streetscape Improvements; and

WHEREAS, as a condition to executing the Agreement, OWNER shall agree to assume all liability, obligations and responsibility under the Agreement and agree to indemnify and hold harmless the City from any and all liability under the Agreement only for the Streetscape Improvements; and

WHEREAS. OWNER shall not be obligated to assume any maintenance responsibilities with respect to the City Improvements; and

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, and other good and valuable considerations, the sufficiency and adequacy of which is hereby acknowledged, OWNER and the City hereby agree as follows:

- 1. Recitals. The foregoing Recitals are true and correct and are incorporated herein.
- **2. Terms.** The following terms, as used and referred to herein, shall have the meanings set forth below, unless the context indicates otherwise.

City Manager means CITY's Chief Executive Officer, its City Manager, or his or her designee.

City Engineer means the City Engineer (Urban Design Engineer) for the CITY, or his designee. In the administration of this agreement, as contrasted with matters of policy, all parties may rely upon instructions or determinations made by the City Engineer. For the purposes hereof, the CITY Engineer's designee shall be the Urban Design Engineer.

Day(s). In computing any period of time expressed in day(s) in this Agreement, the day of the act, event, or default from which the designated period of time begins to run shall not be included. The last day of the period so computed shall be included unless it is a Saturday, Sunday, or legal holiday, in which event the period shall run until the end of the next day which is neither a Saturday, Sunday or legal holiday. When the period of time prescribed or allowed is less than seven (7) days, intermediate Saturdays, Sundays, and legal holidays shall be excluded in the computation.

Effective Date means the effective date of this Assumption Agreement, which shall be the date upon which both (i) this Agreement is executed by the proper corporate officials for OWNER and the CITY and (ii) the Agreement is executed by FDOT and the City.

Person means any individual, firm, partnership (general or limited), corporation, company, association, joint venture, joint stock association, estate, trust, business trust,

cooperative, limited liability corporation, limited liability partnership, limited liability company or association, or body politic, including any heir, executor, administrator, trustee, receiver, successor or assignee or other person acting in a similar representative capacity for or on behalf of such Person.

3. Compliance and Default. OWNER agrees to assume any and all liability and responsibility for performance under the Agreement except that OWNER shall not be liable for any improvements and work done by the City or third parties, unless OWNER provides written consent to such improvements. OWNER hereby agrees to abide by and comply with each and every term and condition set forth in the Agreement and failure to so comply shall constitute a default under this Assumption Agreement. Any acts or omissions by OWNER or OWNER's contractors, agents or employees that are not in compliance with the terms and conditions of the Agreement shall constitute a default under this Assumption Agreement. The Agreement is incorporated into this Assumption Agreement as if fully set forth herein.

4. Indemnification and Hold Harmless.

- OWNER shall protect, defend, indemnify and hold harmless the CITY, its officers, employees and agents from and against any and all lawsuits, penalties, damages, settlements, judgments, decrees, costs, charges and other expenses charged or incurred, including reasonable attorney's fees actually incurred, or liabilities of every kind, nature or degree arising out of or in connection with the rights, responsibilities and obligations of OWNER under the Agreement and this Assumption Agreement, conditions contained therein, the location, construction, repair, maintenance use or occupancy by OWNER of the Streetscape Improvements, or the breach or default by OWNER of any covenant or provision of the Agreement or this Assumption Agreement, except for any occurrence arising out of or resulting from the intentional torts or negligence of the CITY, its officers, agents and employees. However, this exception shall not be deemed a waiver of the City's sovereign immunity. Without limiting the foregoing, any and all such charges, claims, suits, causes of action relating to personal injury, death, damage to property, defects in construction, rehabilitation or restoration of the Improvements by OWNER or others, including but not limited to costs, charges and other expenses charged or incurred, including reasonable attorney's fees and costs actually incurred or liabilities arising out of or in connection with the rights, responsibilities and obligations of OWNER under the Agreement and this Assumption Agreement, or any actual violation of any applicable and known statute, ordinance, administrative order, rule or regulation or decree of any court by OWNER, is included in the indemnity.
- (b) OWNER further agrees that upon delivery of proper and timely notice of violations under the Agreement it shall investigate, handle, respond to, provide defense for, and defend any such claims at its sole expense. The City shall retain the right to select counsel of its own choosing as deemed appropriate. This indemnification shall survive termination, revocation or expiration of the Agreement and this Assumption Agreement and shall cover any acts or omissions occurring during the term of the Agreement and this Assumption Agreement.
- **5. Insurance.** At all times during the term of the Agreement and this Assumption Agreement, OWNER, at its expense, shall keep or cause to be kept in effect the insurance

coverages for the Streetscape Improvements set forth in the Agreement and OWNER shall cause such coverage to be extended to CITY as an additional insured and shall furthermore provide Certificates of Insurance to CITY at least fourteen (14) days prior to the commencement of the Agreement and annually thereafter on the anniversary date of the policies.

6. Removal of Improvements and Restoration of Improvement Area.

- (a) Except as may otherwise be expressly provided herein, it is agreed that upon termination of the Agreement, in whole or in part, OWNER shall remove all or any part of the Streetscape Improvements in accordance with the terms and conditions of the Agreement, and OWNER shall restore the right of way and any impacted public utilities to conditions acceptable to FDOT. Such removal and restoration shall be at OWNER's sole cost and expense. In the event OWNER fails to begin to remove all or any part of the Streetscape Improvements contemplated herein with thirty (30) days after written demand by FDOT or CITY, the CITY is hereby authorized to remove the Streetscape Improvements that interfere with the easement rights or the public's use of dedicated rights-of-way and restore the right of way and any public utilities to conditions acceptable to FDOT, and all reasonable costs associated with the removal and restoration thereof shall be fully reimbursed by OWNER.
- (b) In the event OWNER fails to remove the Streetscape Improvements, when required to do so in accordance with this Agreement, and CITY finds it necessary to remove the Streetscape Improvements in accordance with the foregoing, then the total expense incurred by the CITY in removing the Streetscape Improvements and the reasonable administrative costs associated therewith shall be considered a special assessment and lien upon the Property. OWNER consents to and grants the City the right to place a lien on the Property. OWNER shall have sixty (60) days from the date of the statement of the total expenses incurred by the CITY and the administrative costs associated therewith within which to pay or contest to the CITY the full amount due. Failure to timely pay the amount due or serve upon the CITY Manager a written letter contesting the statement of assessed expenses and administrative costs after an adequate review of no less than sixty (60) days will result in the matter being scheduled before the CITY Commission for consideration of and adoption of a Resolution assessing against the Property the expenses and administrative costs associated with the CITY's removal of the Improvements. The Resolution may also impose a special assessment lien against the Property for the expenses and costs so assessed. A Notice of the Special Assessment assessed by the CITY Commission for the unpaid expenses and costs as stated above shall be recorded with the CITY Clerk and in the Public Records of Broward County, Florida. The assessed expenses and costs and the lien provided for herein may be foreclosed in the manner provided by law. Any lien filed pursuant to this Agreement shall be subordinate to any mortgages/construction financing obtained for any portion of the Project, whether the mortgage/construction financing obtained before or after the Claim of Lien is recorded.
- 7. Event of Default; Remedy. In the event the OWNER fails to perform or violates any of the terms or conditions of the Agreement or this Assumption Agreement or is in breach or default in any term or condition thereof, the City shall notify OWNER of the specific failure or violation of this Assumption Agreement or the Agreement in writing and OWNER shall thereafter have a period of thirty (30) days to cure any such failure or violation to the City's

reasonable satisfaction (an "Event of Default"). Upon an Event of Default, the City has the right 1) to take any equitable action to enforce the terms and conditions of the Agreement or this Assumption Agreement, it being stipulated by the parties that since the Agreement and this Assumption Agreement deals with the right to use public easements and rights-of-way of FDOT used for a governmental purpose, a violation or breach of any term or condition of the Agreement or this Assumption Agreement constitutes an irreparable injury to the public and CITY for which there is no adequate remedy at law or 2) take such curative action that was required to be taken by the OWNER under the Agreement and the cost and expense incurred in CITY's curative actions shall be passed on to and owed by OWNER, in which case OWNER shall be liable for payment to CITY for all reasonable and necessary costs and expenses incurred by CITY in connection with the performance of the action or actions associated with the Streetscape Improvements. OWNER shall reimburse CITY within thirty (30) days following written demand for payment thereof. Interest shall begin to accrue on the unpaid amount thirty (30) days after the CITY sends the written demand for payment to OWNER, at a rate of twelve percent (12%) per annum simple interest but in no event shall interest exceed the highest amount allowed by Florida law. If a dispute arises as to the need for, or amount due to the CITY for repairs or maintenance undertaken by CITY in accordance with the Agreement or Assumption Agreement, and such dispute is not resolved within thirty days (30) days after the date that CITY makes the written demand for payment, OWNER shall pay to CITY the undisputed amount and shall provide CITY with a bond or other security acceptable to CITY for the disputed amount pending a resolution of the dispute by negotiation or litigation. If OWNER does not make the payments required under this Section within the thirty (30) day period set forth herein, then CITY shall have a right to record a Claim of Lien against the Property, which Lien may be either (a) for the total amount of the fines, including all subsections thereunder, or (b) for all reasonable and necessary costs and expenses of any cure undertaken by CITY in accordance with this Section, the cost of any interim insurance policy as provided herein, and reasonable attorneys' fees and costs associated therewith. The Lien shall be effective upon the recording of a the Claim of Lien in the Public Records of Broward County, Florida, which Claim of Lien shall state all amounts due and owing to CITY. The Lien may be foreclosed by CITY in the same manner as provided by law for foreclosure of mortgage liens. The Lien shall continue until payment to CITY of the amounts set forth in the Lien (at which time CITY shall record a satisfaction of such lien). In addition to the Lien, CITY shall have all other rights and remedies granted to it at law or in equity for OWNER's failure to pay the fines owed or reimburse CITY for curative actions taken by CITY. CITY shall have all other rights and remedies granted to it at law or in equity for OWNER's failure to pay the fines owed or reimburse CITY for curative actions taken by CITY. The remedies found within this Section are cumulative. The exercise of one does not preclude the exercise of any other remedy.

8. Emergencies. If an emergency situation arises with respect to the Agreement or the Assumption Agreement where the Improvement Area or any condition thereof presents an imminent threat to the health or safety of Persons or property, the CITY shall make reasonable efforts to provide telephone and fax or email notice to OWNER's Contact Person. If, following that notice, OWNER fails to take timely action to correct the emergency situation, and allowing the emergency situation to continue would pose an imminent threat to health or safety to Persons or property, CITY may undertake such limited actions as are necessary to eliminate the emergency; and CITY shall be entitled to recover its reasonable costs of cure or resolve the

emergency from OWNER in accordance with provisions hereof. For the purposes of this Paragraph, OWNER Contact Person shall be **Kevin Carroll** telephone number **305-280-9000**; and e-mail address: kcarroll@bridgedev.com In the event the OWNER's Contact Person or any other information pertaining to the OWNER's Contact Person shall change, such change shall be provided to the CITY Engineer in writing.

9. Damage to Public Property. In the event the use, operation, maintenance, repair, construction, demolition or reconstruction of the Streetscape Improvements cause(s) any damage whatsoever to any other public property, then OWNER shall be responsible for the cost of repair and shall, at CITY's option, make said repairs, subject to CITY's reasonable satisfaction.

10. Notices.

- (a) Except as provided in subparagraph (c) below, whenever it is provided herein that notice, demand, request or other communication shall or may be given to, or served upon, either of the parties by the other, or either of the parties shall desire to give or serve upon the other any notice, demand, request or other communication with respect hereto or with respect to any matter set forth in the Agreement or this Assumption Agreement, each such notice, demand, request or other communication shall be in writing and any law or statute to the contrary notwithstanding shall not be effective for any purpose unless the same shall be given by hand delivery, or by a nationally recognized overnight courier, or by mailing the same by registered or certified mail, postage prepaid, return receipt requested, addressed to the party at the address set forth below, or at such other address or addresses and to such other person or firm as OWNER may from time to time designate by notice as herein provided.
- (b) All notices, demands, requests or other communications hereunder shall be deemed to have been given or served for all purposes hereunder upon receipt if by hand delivery, or upon one (1) business day after deposit with such overnight courier as required above, or upon two (2) business days after deposit with the United States mail, postage prepaid, in the manner aforesaid, provided, however, that for any distance in excess of five hundred (500) miles, air mail service or Federal Express or similar carrier shall be utilized, if available.

AS TO CITY: Christopher J. Lagerbloom, ICMA-CM

City Manager

City Fort Lauderdale

100 North Andrews Avenue Fort Lauderdale, FL 33301

With copy to: Alain Boileau, Esq.

City Attorney

City of Fort Lauderdale 100 North Andrews Avenue Fort Lauderdale, FL 33301 With a copy to: Transportation and Mobility Director

City of Fort Lauderdale 290 N.W. 3rd Avenue Fort Lauderdale, FL 33301

AS TO OWNER: RIVERBEND MASTER ASSOCIATION, INC.

ATTN: Kevin Carroll

201 S. Biscayne Boulevard, Suite 1950

Miami, FL 33131

(c) As to activities under Paragraph 8, Emergencies, notice need not be given in accordance with subparagraph (a) above, but notice shall be sufficient if given to the Contact Person pursuant to Paragraph 8, Emergencies.

- 11. Independent Contractor. As between CITY and OWNER, OWNER is an independent contractor under this Assumption Agreement. In providing such services, neither OWNER nor its agents shall act as officers, employees, or agents of CITY. No partnership, joint venture, or other joint relationship is created hereby. CITY does not extend to OWNER or OWNER's agents any authority of any kind to bind CITY in any respect whatsoever.
- 12. Joint Preparation. Each party and its counsel have participated fully in the review and revision of this Assumption Agreement and acknowledge that the preparation of this Assumption Agreement has been their joint effort. The language agreed to expresses their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than the other. The language in this Assumption Agreement shall be interpreted as to its fair meaning and not strictly for or against any party.
- 13. Interpretation of Agreement; Severability. This Assumption Agreement shall be construed in accordance with the laws of the State of Florida. If any provision hereof, or its application to any person or situation, is deemed invalid or unenforceable for any reason and to any extent, the remainder of this Assumption Agreement or the application of the remainder of the provisions, shall not be affected. Rather, this Assumption Agreement is to be enforced to the extent permitted by law. The captions, headings and title of this Assumption Agreement are solely for convenience of reference and are not to affect its interpretation. Each covenant, term, condition, obligation or other provision of this Assumption Agreement is to be construed as a separate and independent covenant of the party who is bound by or who undertakes it, and each is independent of any other provision of this Assumption Agreement, unless otherwise expressly provided. All terms and words used in this Assumption Agreement, regardless of the number or gender in which they are used, are deemed to include any other number and other gender, as the context requires.
- 14. Successors. This Assumption Agreement shall be binding on and inure to the benefit of the parties, their successors and assigns. It is intended that this Assumption Agreement and the rights and obligations set forth herein shall run with the land and shall bind every person

having any fee, leasehold or other interest therein and shall inure to the benefit of the respective parties and their successors, assigns, heirs, and personal representatives.

- 15. No Waiver of Sovereign Immunity. Nothing contained in this Assumption Agreement is intended to serve as a waiver of sovereign immunity by the City to which sovereign immunity may be applicable.
- 16. Third Party Beneficiaries. The parties expressly acknowledge that it is not their intent to create or confer any rights or obligations in or upon any third person or entity under this Assumption Agreement. None of the parties intend to directly or substantially benefit a third party by this Agreement. The parties agree that there are no third party beneficiaries to this Agreement and that no third party shall be entitled to assert a claim against any of the parties based on this Agreement. Nothing herein shall be construed as consent by any agency or political subdivision of the State of Florida to be sued by third parties in any manner arising out of any contract.
- 17. Non-Discrimination. OWNER shall not discriminate against any Person in the performance of duties, responsibilities and obligations under this Assumption Agreement because of race, age, religion, color, gender, national origin, marital status, disability or sexual orientation.
- 18. Records. Each party shall maintain its own respective records and documents associated with this Assumption Agreement in accordance with the records retention requirements applicable to public records. Each party shall be responsible for compliance with any public documents request served upon it pursuant to Chapter 119, Florida Statutes as applicable, and any resultant award of attorney's fees for non-compliance with that law.
- 19. Entire Agreement. This document incorporates and includes all prior negotiations, correspondence, conversations, agreements and 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 Assumption Agreement that are not contained in this document. Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.
- **20. Waiver.** The parties agree that each requirement, duty and obligation set forth herein is substantial and important to the formation of this Assumption Agreement and, therefore, is a material term hereof. Any party's failure to enforce any provision of this Assumption Agreement shall not be deemed a waiver of such provision or modification of this Assumption Agreement. A waiver of any breach of a provision of this Assumption 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 Assumption Agreement.
- 21. Governing Law. This Assumption Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. Any controversies or legal problems arising out of this Assumption Agreement and any action involving the enforcement or interpretation of any rights hereunder, shall be brought exclusively in the state courts of the

Seventeenth Judicial Circuit in Broward County, Florida, and venue for litigation arising out of this Assumption Agreement shall be exclusively in such state courts, forsaking any other jurisdiction which either party may claim by virtue of its residency or other jurisdictional device. By entering into this Assumption Agreement, CITY and OWNER hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to the Agreement or this Assumption Agreement or any acts or omissions in relation thereto.

- **22. Recording.** This Assumption Agreement shall be recorded in the Public Records of Broward County, Florida, the costs of which shall be borne by OWNER. OWNER shall record this Assumption Agreement and a copy of the recorded Assumption Agreement shall be provided to City and filed with the City Clerk's Office.
- **23. Term.** This Assumption Agreement shall continue in full force and effect until such time as the Agreement becomes null and void by removal of the Streetscape Improvements, by operation of law or in accordance with the terms of the Agreement, or is terminated by a court order or mutual agreement between OWNER, FDOT and CITY and no obligations lying thereunder survive such termination.
- **24. Assignment.** OWNER may assign this Assumption Agreement without the prior written consent of the City to a transferee of the fee simple interest in the Property or to an owner responsible for the common areas of the Property (including a condominium association, homeowner's association or property owner's association, with written notice of such assignment and delivery of a copy of the written assumption of responsibilities executed by the assignor and recorded in the Public Records of Broward County, Florida.
- **25. Police Power**. Nothing herein shall be construed as a waiver of the City's police power. OWNER shall comply with the City's codes, ordinances and regulations with respect to installation and construction of the Streetscape Improvements. OWNER shall construct operate and maintain the Streetscape Improvements in compliance with all health, sanitary, fire, zoning and building code requirements and any other governing authority with jurisdiction over the Improvement Area and Improvements.
- **26. No Property Rights.** OWNER expressly acknowledges that pursuant to the terms hereof, it gains no property right through this Assumption Agreement or the Agreement to the continued possession or use of the Streetscape Improvements within the Improvement Area.

(SIGNATURES TO FOLLOW)

IN WITNESS WHEREOF, the undersigned does hereby warrant that they are authorized to enter into this Assumption Agreement by OWNER and the CITY OF FORT LAUDERDALE.

Witnesses:	OWNER:
	RIVERBEND MASTER ASSOCIATION, INC., a Florida corporation
(Witness #1 Signature)	
	By:
(Print Name)	
	Print Name:
(Witness #2 Signature)	Title:
(Print Name)	
ACK	NOWLEDGEMENT
STATE OF))SS	
COUNTY OF)	
The foregoing instrument v	vas acknowledged before me this day of y, as of
RIVERBEND MASTER ASSOCIATION who has produced	ON, INC., a Florida corporation, who is known to me or
(SEAL)	Notary Public, State of
	(Signature of Notary Public)
	(Print, Type, or Stamp Commissioned Name
	of Notary Public)

AS TO CITY:

WITNESSES:	CITY OF FORT LAUDERDALE
	By Dean J. Trantalis, Mayor
[Witness type or print name]	
	By Chris Lagerbloom, City Manager
[Witness type or print name]	ATTEST:
(CORPORATE SEAL)	Jeffrey A. Modarelli, City Clerk
	Approved as to form: Alain Boileau, City Attorney
	By: Print Name: Shari C. Wallen Title: Assistant City Attorney

STATE OF FLORIDA: COUNTY OF BROWARD:

municipal corporation of Florida. He is person	nally known to me and did not take an oath
(SEAL)	
	Notary Public, State of Florida (Signature of Notary taking Acknowledgment)
	Acknowledgment)
	Name of Notary Typed,
	Printed or Stamped
	My Commission Expires:
of Fort Lauderdale, a municipal corporation of	topher J. Lagerbloom, City Manager of
	topher J. Lagerbloom, City Manager of
, 2019, by Chris of Fort Lauderdale, a municipal corporation on take an oath.	topher J. Lagerbloom, City Manager of
, 2019, by Chris of Fort Lauderdale, a municipal corporation on take an oath.	Notary Public, State of Florida (Signature of Notary taking

EXHIBIT A



SKETCH AND LEGAL DESCRIPTION

BY

PULICE LAND SURVEYORS, INC.

5381 NOB HILL ROAD SUNRISE, FLORIDA 33351

TELEPHONE: (954) 572-1777 • FAX: (954) 572-1778

E-MAIL: surveys@pulicelandsurveyors.com CERTIFICATE OF AUTHORIZATION LB#3870



LEGAL DESCRIPTION: PARCEL "A5" COMMON ACCESS ROAD

A PORTION OF PARCEL "A", "RIVERBEND CORPORATE PARK", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 175, PAGES 95 THROUGH 97, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHERLY SOUTHEAST CORNER OF SAID PARCEL "A", SAID POINT BEING ON THE WEST RIGHT-OF-WAY LINE OF NW 22ND AVENUE AS SHOWN ON SAID PLAT; THENCE NORTH 00°20'32" EAST ON SAID WEST RIGHT-OF-WAY LINE ALSO BEING THE EAST LINE OF SAID PARCEL "A", 302.53 FEET TO THE POINT OF BEGINNING AND THE BEGINNING OF A NON-TANGENT CIRCULAR CURVE CONCAVE SOUTHWESTERLY AND FROM SAID POINT A RADIAL LINE BEARS SOUTH 27'28'17" WEST; THENCE NORTHWESTERLY ON THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 22.66 FEET, A CENTRAL ANGLE OF 28'05'47", FOR AN ARC DISTANCE OF 11.11 FEET TO A POINT OF TANGENCY; THENCE SOUTH 90'00'00" WEST 217.01 FEET TO THE BEGINNING OF A TANGENT CIRCULAR CURVE CONCAVE SOUTHEASTERLY; THENCE WESTERLY ON THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 375.50 FEET, A CENTRAL ANGLE OF 10°53'03", FOR AN ARC DISTANCE OF 71.33 FEET TO A POINT OF TANGENCY; THENCE SOUTH 79°06'57" WEST 39.63 FEET TO A POINT OF CURVATURE WITH A CIRCULAR CURVE CONCAVE NORTHWESTERLY; THENCE WESTERLY ON THE ARC OF SAID CURVE TO THE RIGHT, HAVING A RADIUS OF 692.50 FEET, A CENTRAL ANGLE OF 9'46'08", FOR AN ARC DISTANCE OF 118.07 FEET TO A POINT OF TANGENCY; THENCE SOUTH 88'53'05" WEST 28.28 FEET TO THE BEGINNING OF A TANGENT CIRCULAR CURVE CONCAVE SOUTHEASTERLY; THENCE SOUTHWESTERLY ON THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 15.00 FEET, A CENTRAL ANGLE OF 88'53'05", FOR AN ARC DISTANCE OF 23.27 FEET TO A POINT OF TANGENCY; THENCE SOUTH 00'00'00" EAST 133.75 FEET; THENCE SOUTH 09'49'48" EAST 47.16 FEET; THENCE SOUTH 00'00'00" EAST 81.65 FEET TO THE BEGINNING OF A TANGENT CIRCULAR CURVE CONCAVE NORTHEASTERLY; THENCE SOUTHEASTERLY ON THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 32.78 FEET, A CENTRAL ANGLE OF 47°28'30", FOR AN ARC DISTANCE OF 27.16 FEET TO THE INTERSECTION WITH THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF WEST BROWARD BOULEVARD (STATE ROAD NO. 842) AND THE SOUTH LINE OF SAID PARCEL "A": THENCE SOUTH 89'59'58" WEST ON A NON-RADIAL LINE, ON SAID NORTH RIGHT-OF-WAY LINE AND SAID SOUTH LINE OF PARCEL "A" 65.24 FEET; THENCE NORTH 0000'00" WEST 132.88 FEET TO THE BEGINNING OF A NON-TANGENT CIRCULAR CURVE CONCAVE NORTHWESTERLY FROM WHICH A RADIAL LINE BEARS NORTH 22'58'43" WEST; THENCE NORTHEASTERLY ON THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 16.41 FEET, A CENTRAL ANGLE OF 67°01'48", FOR AN ARC DISTANCE OF 19.20 FEET TO A POINT OF TANGENCY; THENCE NORTH 00'00'00" WEST 205.00 FEET; THENCE SOUTH 89'59'58" EAST 534.52 FEET TO THE INTERSECTION WITH THE AFOREMENTIONED WEST RIGHT-OF-WAY LINE OF NW 22ND AVENUE AND EAST LINE OF PARCEL "A"; THENCE SOUTH 00'20'32" WEST ON SAID WEST RIGHT-OF-WAY LINE AND SAID EAST LINE OF PARCEL "A" 27.41 FEET TO THE POINT OF BEGINNING.

SAID PARCEL "A5" SITUATE, LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA CONTAINING 32,145 SQUARE FEET (0.7379 ACRES), MORE OR LESS.

FILE: BRIDGE DEVELOPMENT PARTNERS LLC

SCALE: N/A DRAWN BY: B.B.

ORDER NO.: 62822A

DATE: 3/17/17; 5/8/17; 6/2/17; 8/16/17

PARCEL "A5" COMMON ACCESS ROAD

FORT LAUDERDALE, BROWARD COUNTY, FLORIDA

FOR: RIVERBEND CORPORATE CENTER

SHEET 1 OF 4

THIS DOCUMENT IS NEITHER FULL NOR COMPLETE WITHOUT SHEETS 1 THRU 4, INCLUSIVE

JOHN F. PULICE, PROFESSIONAL SURVEYOR AND MAPPER LS2691
BETH BURNS, PROFESSIONAL SURVEYOR AND MAPPER LS6136
STATE OF FLORIDA



SKETCH AND LEGAL DESCRIPTION

PULICE LAND SURVEYORS, INC.

5381 NOB HILL ROAD SUNRISE, FLORIDA 33351

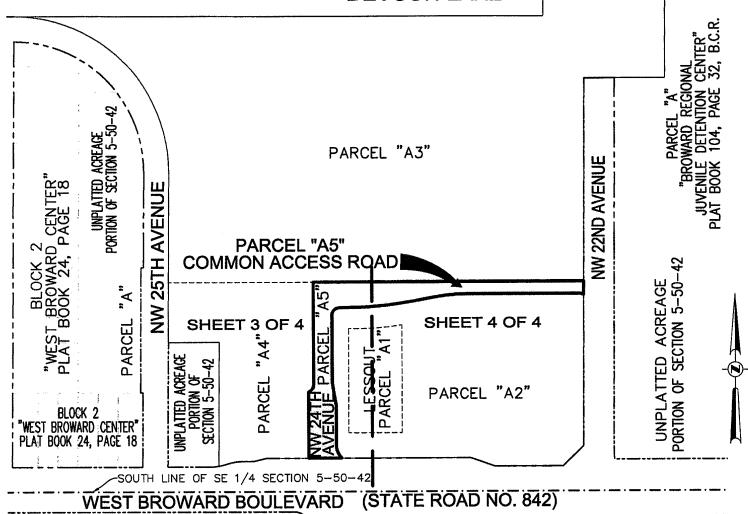
TELEPHONE: (954) 572-1777 • FAX: (954) 572-1778

E-MAIL: surveys@pulicelandsurveyors.com CERTIFICATE OF AUTHORIZATION LB#3870



NOTES:

- 1) BEARINGS ARE BASED ON THE EAST LINE OF PARCEL "A", "RIVERBEND CORPORATE CENTER" BEING NO0'20'32"E.
- 2) THIS IS NOT A SKETCH OF SURVEY AND DOES NOT REPRESENT A FIELD SURVEY.
- 3) THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- 4) ALL OF THE EASEMENTS AND PLATS SHOWN HEREON ARE RECORDED IN THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. **DEVCON LAKE**



FILE: BRIDGE DEVELOPMENT PARTNERS LLC

SCALE: 1"=200' DRAWN BY: B.B.

ORDER NO.: 62822A

DATE: 3/17/17; 5/8/17; 6/2/17; 8/16/17

PARCEL "A5" COMMON ACCESS ROAD

FORT LAUDERDALE, BROWARD COUNTY, FLORIDA

FOR: RIVERBEND CORPORATE CENTER

VICINITY MAP SHEET 2 OF 4

THIS DOCUMENT IS NEITHER FULL NOR COMPLETE WITHOUT SHEETS 1 THRU 4, INCLUSIVE

LEGEND:

B.C.R.

BROWARD COUNTY RECORDS



SKETCH AND LEGAL DESCRIPTION

BY

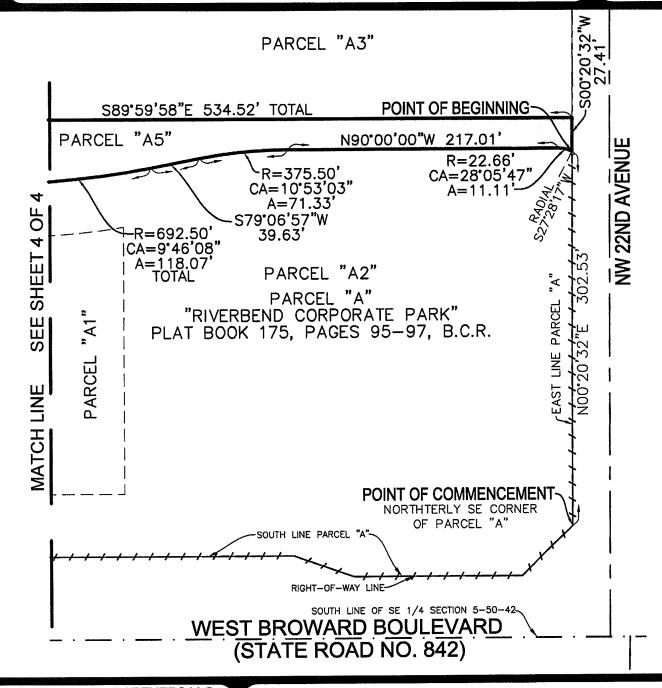
PULICE LAND SURVEYORS, INC.

5381 NOB HILL ROAD SUNRISE, FLORIDA 33351

TELEPHONE: (954) 572-1777 FAX: (954) 572-1778

E-MAIL: surveys@pulicelandsurveyors.com CERTIFICATE OF AUTHORIZATION LB#3870





FILE: BRIDGE DEVELOPMENT PARTNERS LLC

SCALE: 1"=80'

DRAWN BY: B.B.

ORDER NO.: 62822A

DATE: 3/17/17; 5/8/17; 6/2/17; 8/16/17

PARCEL "A5" COMMON ACCESS ROAD

FORT LAUDERDALE, BROWARD COUNTY, FLORIDA

FOR: RIVERBEND CORPORATE CENTER

SHEET 3 OF 4

THIS DOCUMENT IS NEITHER FULL NOR COMPLETE WITHOUT SHEETS 1 THRU 4, INCLUSIVE

LEGEND:

NR

O.R.B. OFFICIAL RECORDS BOOK

R RADIUS

CA CENTRAL ANGLE A ARC DISTANCE P.B. PLAT BOOK

B.C.R. BROWARD COUNTY RECORDS NON-VEHICULAR ACCESS LINE

NON-RADIAL



SKETCH AND LEGAL DESCRIPTION

BY

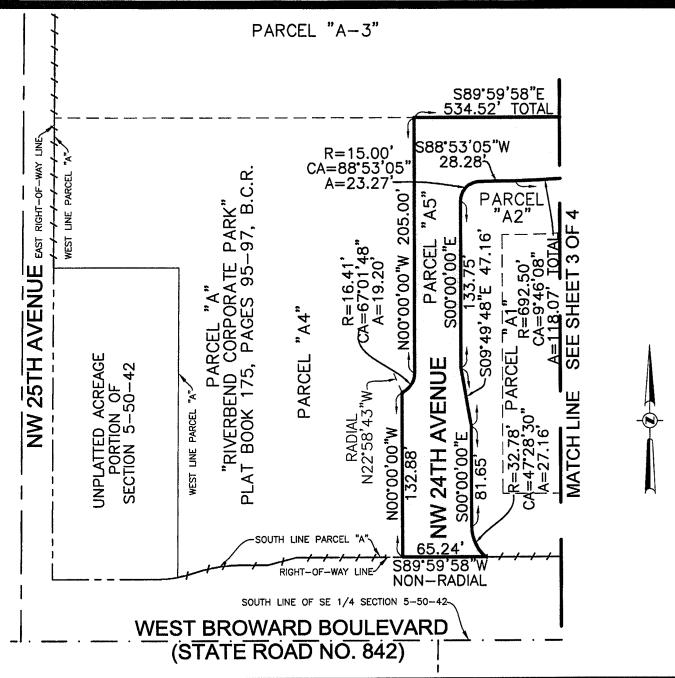
SURVEYORS, INC. PULICE LAND

5381 NOB HILL ROAD SUNRISE, FLORIDA 33351

TELEPHONE: (954) 572-1777 • FAX: (954) 572-1778

E-MAIL: surveys@pulicelandsurveyors.com CERTIFICATE OF AUTHORIZATION LB#3870





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RADIUS

CA CENTRAL ANGLE ARC DISTANCE P.B. PLAT BOOK

BROWARD COUNTY RECORDS B.C.R. NON-VEHICULAR ACCESS LINE

EXHIBIT B

SECTION No.:

8700600

Broward

Permit No.:

2018-L-491-012

COUNTY: S.R. No.:

842

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FOUR LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT

THIS AGREEMENT, made and entered into this ______ day of ______20__, 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, existing under the Laws of Florida, hereinafter called the AGENCY.

WITNESSETH:

WHEREAS, the DEPARTMENT has jurisdiction over State Road 842 (Broward Boulevard) as part of the State Highway System as described in Exhibit "A"; and

WHEREAS, the AGENCY seeks to have installed by permit and maintain certain landscape improvements within the right of way of State Road 842 (Broward Boulevard) as described within Exhibit "B"; and

WHEREAS, as part of the continual updating of the State of Florida Highway System, the DEPARTMENT, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain the highway facility as described in **Exhibit "A"** attached hereto and incorporated by reference herein, within the corporate limits of the AGENCY; and

WHEREAS, the AGENCY is agreeable to maintaining those landscape improvements within the AGENCY'S limits including plant materials, irrigation system and/or hardscape which may contain specialty surfacing (concrete pavers, color stamped concrete and color stamped asphalt [also known as patterned pavement]) including any other nonstandard hardscape (if applicable), but excluding standard concrete sidewalk, and agree such improvements shall be maintained by periodic mowing, fertilizing, weeding, litter pick-up, pruning, necessary replanting, irrigation repair and/or repair of the median concrete replacements associated with the specialty surfacing (if applicable) as needed; and

WHEREAS, it is the intent of the AGENCY and the DEPARTMENT that the AGENCY shall maintain all right of way within the medians, outside the travelway and improvements made to the travelway that was made at the request of the AGENCY; and

WHEREAS, the parties hereto mutually recognize the need for entering into an Agreement designating and setting forth the responsibilities of each party; and

WHEREAS, the AGENCY by Res	solution No.	dated	, 20,
attached hereto and by this reference i	made a part hereof,	desires to enter int	to this Agreement
and authorizes its officers to do so; and		^	

NOW THEREFORE, for and in consideration of the mutual benefits to flow each to the other, the parties covenant and agree as follows:

1. The recitals set forth above are true and correct and are deemed incorporated herein.

2. INSTALLATION OF FACILITIES

The AGENCY shall install and agrees to maintain the *landscape improvements* described herein as: plant materials, irrigation and/or hardscape on the highway facilities substantially as specified in plans and specifications hereinafter referred to as the Project (s) and incorporated herein as **Exhibit "B"**. *Hardscape* shall mean, but not be limited to any site amenities such as landscape accent lighting, bike racks, fountain, tree grates, decorative free standing wall, and/or sidewalk, median and/or roadway specialty surfacing such as concrete pavers, stamped colored concrete and/or stamped colored asphalt (also known as patterned pavement).

- (a) All plant materials shall be installed and maintained in strict accordance with sound nursery practice prescribed by the International Society of Arboriculture (ISA). All plant materials installed shall be Florida #1 or better according to the most current edition of Florida Department of Agriculture, Florida Grades and Standards for Nursery Stock; and all trees shall meet Florida Power & Light, Right Tree, Right Place, South Florida.
- (b) Trees and palms within the right of way shall be installed and pruned to prevent encroachment to roadways, lateral offsets and sidewalks. Definition of these criteria is included in the most current editions of FDOT standards for design, construction, maintenance, and utility operations on the state highway system and Exhibit "C", the Maintenance Plan.
- (c) Tree and palm pruning shall be supervised by properly trained personnel trained in tree pruning techniques and shall meet the most current standards set forth by the International Society of Arboriculture (ISA) and the American National Standard Institute (ANSI), Part A-300.
- (d) Irrigation in stallation and maintenance activities shall conform to the standards set forth by the Florida Irrigation Society (FIS) latest edition of FIS, Standards and Specifications for Turf and Landscape Irrigation Systems.
- (e) The AGENCY shall provide the FDOT Local Operation Center accurate as-built plans of the irrigation system so if in the future there is a need for the DEPARTMENT to perform work in the area, the system can be accommodated as much as possible. (See paragraph (1) for contact information)
- (f) If it becomes necessary to provide utilities (water/electricity) to the median or side areas, it shall be the AGENCY'S responsibility to obtain a permit for such work

through the local Operations Center (see paragraph (I) below) and the AGENCY shall be responsible for all associated fees for the installation and maintenance of these utilities.

- (g) All specialty surfacing shall be installed and maintained in strict accordance with the most current edition of the *Florida Accessibility Code for Building Construction* and the *Interlocking Concrete Pavement institute (ICPI)*.
- (h) All activities, including landscape improvements installation and future maintenance operations performed on State highway right of way, must be in conformity with the most current edition of the Manual on Uniform Traffic Control (MUTCD) and FDOT Design Standards, Index 600 Series, Traffic Control through Work Zones.
- (i) The most current edition of *FDOT Design Standards*, Index 546 (Sight Distance at Intersections) must be adhered to.
- (j) Lateral Offsets as specified in the *FDOT Plans Preparation Manual*, Volume 1, Chapters 2 and 4 must be adhered to.
- (k) Landscape improvements shall not obstruct roadside signs or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-10.)
- (I) The AGENCY shall provide the local FDOT Operation Center located at Broward Operations, 5548 NW 9th Avenue, Fort 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 AGENCY shall notify the local maintenance office forty-eight (48) hours prior to the start of the landscape improvements.
- (m) If there is a need to restrict the normal flow of traffic, it shall be done on non-holiday, weekday off-peak hours (9 AM to 3 PM), and the party performing such work shall give notice to the local law enforcement agency within whose jurisdiction such road is located prior to commencing work on the landscape improvements. The DEPARTMENT'S Operation Center Public Information Officer (see telephone number in Paragraph (1) shall also be notified.
- (n) The AGENCY shall be responsible to clear all utilities within the landscape improvement limits before construction commences.
- (o) The AGENCY shall follow the minimum level of maintenance guidelines as set forth in FDOT'S Rule Chapter 14-40 Highway Beautification and Landscape Management, in the FDOT Guide to Roadside Mowing and Maintenance Management System, and Exhibit "C", the Maintenance Plan for maintenance activities for landscape improvements.

3. MAINTENANCE OF FACILITIES

- A. The AGENCY agrees to maintain the landscape improvements, as existing and those to be installed, within the physical limits described in Exhibit "A" and as further described in Exhibit "B". The non-standard improvements within and outside the travelway shall be maintained by the AGENCY regardless if the said improvement was made by the DEPARTMENT, the AGENCY, or others authorized pursuant to Section 7, by periodic mowing, pruning, fertilizing, weeding, curb and sidewalk edging, litter pickup, necessary replanting, irrigation system repair and/ or repair of any median concrete replacement associated with specialty surfacing (if applicable) following the DEPARTMENT'S landscape safety and maintenance guidelines, Exhibit "C", the Maintenance Plan. The AGENCY'S responsibility for maintenance shall include all landscaped, turfed and hardscape areas on the sidewalk or within the medians and areas outside the travelway to the right of way and/or areas within the travelway containing specialty surfacing. It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway caused by the differential characteristics of non-standard travelway surfacing (if applicable) on DEPARTMENT right of way within the limits of this Agreement.
- B. Such maintenance to be provided by the AGENCY is specifically set out as follows: to maintain, which means to properly water and fertilize all plant materials; to keep them as free as practicable from disease and harmful insects; to properly mulch the planting beds; to keep the premises free of weeds; to mow the turf to the proper height; to properly prune all plants which at a minimum includes: (1) removing dead or diseased parts of plants, (2) pruning such parts thereof to provide clear visibility to signage, permitted outdoor advertising signs per Florida Statute 479.106 and for those using the roadway and/or sidewalk; (3) preventing any other potential roadway hazards. Plant materials shall be those items which would be scientifically classified as plants and including trees, palms, shrubs, groundcover and turf. To maintain also means to remove or replace dead or diseased plant materials in their entirety, or to remove or replace those that fall below original project standards. Palms shall be kept fruit free year-round. To maintain also means to keep the header curbs that contain the specialty surfacing treatment in optimum condition. To maintain also means to keep the nonstandard hardscape areas clean, free from weeds and to repair said hardscape as is necessary to prevent a safety hazard. To maintain also means to keep litter removed from the median and areas outside the travel way to the right of way line. All plants removed for whatever reason shall be replaced by plants of the same species type, size, and grade as specified in the original plans and specifications. Any changes to the original plans shall be submitted by permit application to the DEPARTMENT for review and approval.
- C. If it becomes necessary to provide utilities (water/electricity) to the medians or areas outside the travelway to maintain these improvements, all costs associated with the utilities associated for the landscape improvements including any impact and/or connection fees, and the on-going cost of utility usage for water and electrical, are the maintaining AGENCY'S responsibility.

The AGENCY shall be directly responsible for impact and connection fees.

D. The maintenance functions to be performed by the AGENCY may be subject to periodic inspections by the DEPARTMENT at the discretion of the DEPARTMENT. Such inspection findings will be shared with the AGENCY and shall be the basis of all decisions regarding, repayment, reworking or agreement termination. The AGENCY shall not change or deviate from said plans without written approval of the DEPARTMENT.

4. NOTICE OF MAINTENANCE DEFICIENCIES

- A. If at any time after the AGENCY has undertaken the landscape improvements installation and/or maintenance responsibility for the landscape improvements it shall come to the attention of the DEPARTMENT'S District Secretary that the limits, or a part thereof, are not properly maintained pursuant to the terms of this Agreement, said District Secretary, may at his/her option, issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the AGENCY, to place said AGENCY on notice thereof. Thereafter, the AGENCY shall have a period of thirty (30) calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the DEPARTMENT may, at its option, proceed as follows:
 - (1) Maintain the landscape improvements or any part thereof, with the DEPARTMENT or Contractor's personnel and invoice the AGENCY for expenses incurred, and/or
 - (2) At the discretion of the DEPARTMENT, terminate the Agreement in accordance with Paragraph 8 of this Agreement and remove, by the DEPARTMENT or Contractor's personnel, all of the landscape improvements installed under this Agreement or any preceding Agreements, except as to trees and palms, and charge the AGENCY the reasonable cost of such removal.

5. FUTURE DEPARTMENT IMPROVEMENTS

It is understood between the parties hereto that the landscape improvements covered by this Agreement may be removed, relocated, or adjusted at any time in the future, as determined to be necessary by the DEPARTMENT in order that the adjacent state road be widened, altered, or otherwise changed to meet future criteria or planning needs of the DEPARTMENT.

The AGENCY shall be given sixty (60) calendar day notice to remove said landscape improvements at the AGENCY's expense after which time the DEPARTMENT may remove same. All permits (including tree permits), fees, and any mitigation associated with the removal, relocation or adjustments of these improvements are the maintaining AGENCY'S responsibility.

6. FUTURE AGENCY IMPROVEMENTS

The AGENCY may construct additional landscape improvements within the limits of the landscape improvements rights of ways identified as a result of this document, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT. The AGENCY shall not change or deviate from said plans without written approval by the DEPARTMENT.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements it chooses to have installed and there will be no cost to the DEPARTMENT.

7. ADJACENT PROPERTY OWNER IMPROVEMENTS

The DEPARTMENT may allow an adjacent property owner to construct additional landscape improvements within the limits of the right of way identified in **Exhibit "A"** of this Agreement that the AGENCY shall be responsible for maintaining under this Agreement, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT and shall require a valid permit attached with a letter of consent to said plans by the AGENCY. The plans shall not be changed or deviated from without written approval by the DEPARTMENT and the AGENCY.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements installed by an adjacent owner.

8. AGREEMENT TERM

- (a) The term of this Agreement commences upon execution by all parties. The term of this Agreement shall remain in effect for twenty-five (25) years.
- (b) If the DEPARTMENT chooses to cancel the landscape improvements described in **Exhibit** "B", this Agreement becomes void and the original Agreement is reinstated, if any.

9. LIABILITY AND INSURANCE REQUIREMENTS .

A. With respect to any of the AGENCY'S agents, consultants, sub-consultants, contractors and/or sub-contractors, such party in any contract for the landscape improvements 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, subconsultants, contractors and/or subcontractors. The AGENCY 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 clause does not cover or indemnify the DEPARTMENT for its own negligence.

- B. In the event that AGENCY contracts with a third party to provide the services set forth herein, any contract with such third party shall include the following provisions:
 - (1) AGENCY'S contractor shall at all times during the term of this Agreement keep and maintain in full force and effect, at contractor's sole cost and expense, Comprehensive General Liability with minimum limits of \$1,000,000.00 per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability and Worker's Compensation insurance with minimum limits of \$500,000.00 per Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Comprehensive General Liability and Worker's Compensation policy without restrictive endorsements, as filed by the Insurance Services Office. The AGENCY and DEPARTMENT shall be named as additional insured on such policies.
 - (2) AGENCY'S contractor shall furnish AGENCY with Certificates of Insurance of Endorsements evidencing the insurance coverage specified herein prior to the beginning performance of work under this Agreement.
 - (3) Coverage is not to cease and is to remain in full force and effect (subject to cancellation notice) until all performance required of AGENCY'S contractor is completed. All policies must be endorsed to provide the DEPARTMENT with at least thirty (30) day notice of cancellation and or/or restriction. If any of the insurance coverage will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

10. E-VERIFY REQUIREMENTS

The AGENCY shall:

- (a) Utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the AGENCY during the term of the contract; and
- (b) 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.

11. SUPERSEDED AGREEMENTS

This writing embodies the entire Agreement and understanding between the parties hereto and there are no other Agreements and understanding, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby (except the associated Grant Joint Participation Agreement if applicable).

12. FISCAL TERMS

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 will/may be paid on such contract. The DEPARTMENT shall require a statement from the Comptroller of the DEPARTMENT that 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 (1) 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.

13. DISPUTES

The DEPARTMENT'S District Secretary shall decide questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution or fulfillment of the service hereunder and the character, quality, amount and value thereof. Should the AGENCY disagree with the DEPARTMENT's District Secretary's decision, the AGENCY may pursue any and all legal and equitable remedies available under this Agreement.

14. ASSIGNMENT

This Agreement may not be assigned or transferred by the AGENCY, in whole or in part, without the prior written consent of the DEPARTMENT.

15. LAWS GOVERNING

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the contract and Florida law, the laws of Florida shall prevail. Venue with respect to judicial proceedings arising out of this Agreement shall be in Broward County, Florida.

16. NOTICES

Any and all notices given or required under this Agreement shall be in writing and either personally delivered with receipt acknowledgement or sent by certified mail, return receipt requested. All notices 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:
FDOT District IV Landscape Architect

If to the AGENCY: City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301 Attention: Christopher J. Lagerbloom Title: City Manager

1	7.	L	IST	OF	EXI	-IIB	ITS

Exhibit A: Landscape Improvements Maintenance Boundaries Exhibit B: Landscape Improvement Plans Exhibit C: Maintenance Plan for Landscape Improvements

IN WITNESS WHEREOF, the parties hereto have executed this Agreement effective the day and year first above written.

CITY OF FORT LAUDERDA	ALE	STATE OF FLORIDA DEPARTMENT OF TRAI	NSPORTATION
By:Chairperson/Mayor/Man	ager	By: Transportation Devel	opment Director
Attest:Clerk	(SEAL)	Attest:Executive Sec	(SEAL)
Legal Review	Date	Legal Review	Date
	= ====	Office of the General Cou	insel ———

SECTION No.:

8700600

Permit No.:

2018-L-491-012

COUNTY: S.R. No.; Broward

842

EXHIBIT A

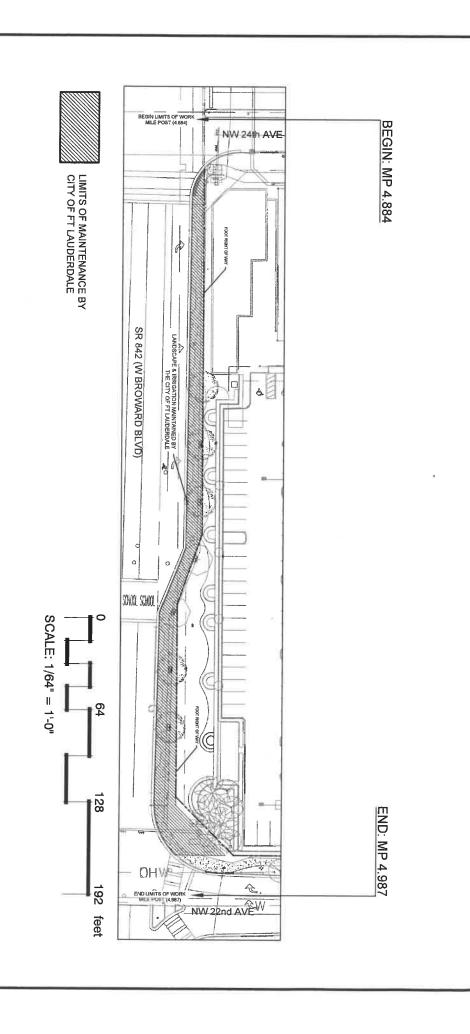
LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES

I. LIMITS OF MAINTENANCE FOR LANDSCAPE IMPROVEMENTS:

State Road 842 from N.W. 24nd Avenue (M.P. 4.884) east to N.W. 22TH Avenue (M.P. 4.987)

II. LANDSCAPE IMPROVEMENTS MAINTENANCE RESPONSIBILITIES MAP:

Please see attached map



LANDSCAPE IMPROVEMENTS
MAINTENANCE BOUNDARY MAP
CITY OF FT LAUDERDALE
FDOT PERMIT NO: 2018-L-491-012

SECTION No.:

Permit No.:

8700600

2018-L-491-012 Broward

COUNTY: S.R. No.:

842

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

Please see attached plans prepared by: Hugh Johnson, RLA

Architectural Alliance Landscape

Date: October 23, 2018

STRAYER UNIVERSITY

INDEX OF SHEETS

CS-1 COVER SHEET

LP-1 LANDSCAPE PLAN LP-2 PLANTING NOTES & DETAILS LANDSCAPE ARCHITECTURE

These drawings have been developed to comply with the current versions of FoOT specifications and design standard indexes.

"Governing Standards and specifications:
"Governing Standards and specifications for Standards, and 2018 Standard specifications for Road and Bridge Construction, Section 500 Landscape Installation, and any other applicable unders."

FDOT SPECIFICATIONS AND DESIGN STANDARDS

ROADWAY DESIGN SPEED FOR SR-842 = 45MPH

PERMIT NO: 2018-L-491-012

SCOPE OF WORK STATE ROAD NO: 842 MILE POST: 4.844 TO 4.987

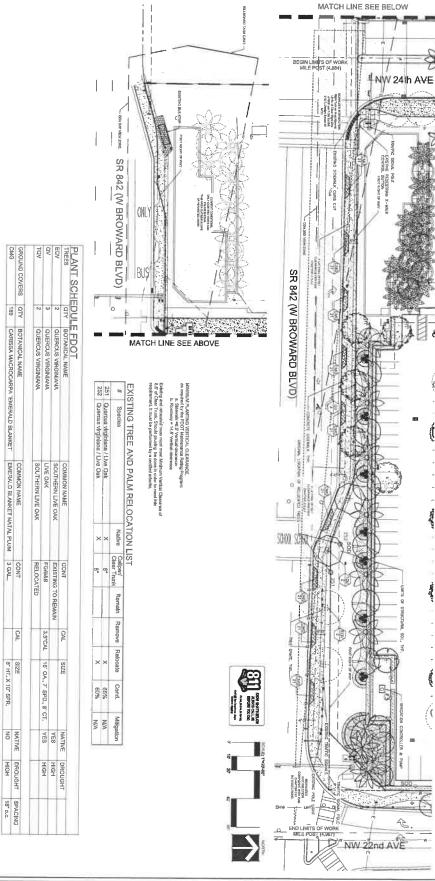
IRRIGATION IRRIGATION PLAN
IRRIGATION DETAILS

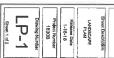




Redease Date
1-18-18
Prijor Kumbor
1630B
Drawks Number Sheet Description COVER SHEET FDOT PERMIT SET

STRAYER UNIVERSITY
2307 W BROWARD BLVD
FORT LAUDERDALE, FLORIDA





PERMIT SET

STRAYER UNI VERSITY

2307 W BROWARD BLVD FORT LAUDERDALE, FLORIDA





FDOT GENERAL NOTES

All materials and construction within the Florida Department of Transportation Design (F.D.O.T.) right-of-way shall conform to the misest edition FDOT Design Standards and Standard Specifications for

Maintenance of Traffic (MOT) for this project will comply with FDOT Standard Index (600 Series) and the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD), Special attention will be given to FDOT Design Standard Index 611, 612, 613, and 660.

Permittee will restore the Right-Of-Way as a minimum, to its original condition or better in accordance w/ FDOT's latest Standard ecifications for Road and Bridge Construction or as directed by the

Ownership of all sultable excavated materials, as determined by the Department, shall remain in the Department until a final acceptance of Contractor shall repair any and all damage done to FDOT property during demolition, relocation &/or installation activities at his sole the permitted project is fulfilled. Excavated materials shall be hauled by the Permittee, at their cost and expense from the site to the Broward

Monday-Friday), unless otherwise approved by the operations Restricted hours of operations will be from 9:00am to 3:30pm, Department, including asphalt millings.

Operations Center or stockpiled in those areas as directed by the

verify vertical and horizontal alignment. Permittee will ensure that all locates have been performed prior to scheduling of any WORKING activities. This shall include soft digs to

Permittee will coordinate all work with David Moore of Transfield Services at 954-317-8044, moore@transfieldservices.com. Coordination will include a Pre-Construction meeting.

FDOT PLANTING NOTES

For the portion of landscape plant malerial that will be installed within the FDOT Right of Way landscape installation shall comply with current FDOT Maintenance Specifications 580-2.1. Online Reference: http://www.fdot.gov/programmanagement/Maintenance/2018Jan/default.shtm.

Trust Trust

For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to FDOT Standard Plans Index 580-001 Landscape Installation. Online Reference: http://www.fdot.gov/design/standardplans/current/IDx/580-001.pdf

Planting details for Shrubs, Groundcovers, Trees & Palms are required

No Category I or II invasive plants shall be planted on FDOT right of

Cypress, Mulch is not permitted on FDOT right of way. Mulch permitted to be used are Hardwood Mulch (containing no Cypress products), Recycled Mulch or approved equal, certified by the Mulch and Soll Council (MSC). Submit proof of certification to the FDOT District to follow the most current version of FDOT guidelines per Index 544.

Operations Permit Landscape Inspector upon Inspection.

Scoded areas will be in accordance with Design Standard Index 105 and Standard Specifications Sections 162, 570, 981, 982, 983, 987 of the Department's latest edition of Governing Design Standards and Standard Specifications. All disturbed areas will be sodded within one week of installation of said permitted work.

A plant assum no part ratiofed on the plant are to be considered Marinum. At plant assultin must make a record dress within, an equivament for both height and spread, Aprox for equivament for specific shape or effort as noted on the plant), and also be required for that acceptance. Il plant matorial furnishnot by the landscapp contractor shall be Fladda if I or effer as established by "Cradea and Slandards for Florida Nursary Plants" and Slandas and Standards for Florida Nursary Trees". All material shall be Installed a confect on the Marketing

All plant material as included herein shall be warrantied by the landscape contractor for a ninimum period as follows; All trees and palms for 12 months.

All plant material shall be planted in planting and that is delivered to the ethe in a claim focus and fribble condition. All soil shall have a well drained characteristic Sall must be free of ill notes, stoks, and objectionative material including weeds and weed sector as per CSI specifications.

Inches (12") of planting soil 50/50 sandtopeoil mixts required excund reath the root ball of all ixees and palms, and 1 cubic yard per 50 bedding

mass for 60 days effor final acceptance by the owner.

copen and lawn areas shall be Imgated by a fully automatic sprinkler system to provide 100% correage of all and copen areas. All heads shall be to 100% onespon as manufacturers providencient and epidemanota to 100% onespon as one manufacturers providence and epidemanota studicing a rust fine water source. Each system shall be breaked with a

plantings recorde atlequate varies during the recorder as result page of layer enterancy patient. Deep variety of all men trees and patient and any supplemental variety patient. Deep variety of all men trees and patient and any supplemental variety to partially be required to supplement natural activities and any insplace to mandatory to be there in opport plant development and shall be provided as a part of the contract. I is the sole responsibility of the landscape contractor to insure that all new

All and areas as inclinated on the plaining plan shall seceive Stemplaphrum secundation, St. Augustine "Parinatio Solid sock, it shall be the responsibility of the landscape conspector to babels in the bid, the regal of any soci which may be demanged from the familiscope installation operations.

Mediance much uses a set covered with Eurohyptus or sterifficed seed free Mediance much to a minimum depth of tree inches (5) of cover when added. A four-intro-does cover must be eff for air between plant bases and the mulch. Cyproses back much abeliance the used.

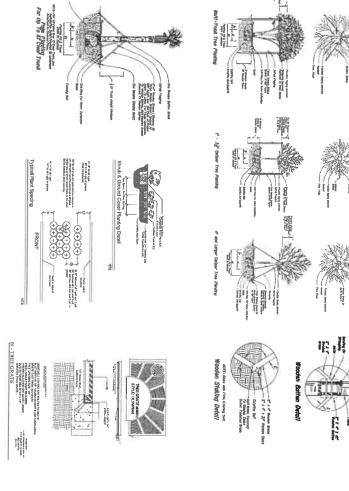
General site and berm grading in 4-1 inch (11) shall be provided by the general contractor. All finished site grading and final discordate berm shaping shall be provided by the landscape contractor. SPECIAL INSTRUCTIONS

All plant manerial shall be installed with fertitizes, which shall to State approved as a complote fortilizer containing the required machinum of more elements in addition to NFA-X, of which SSX, of the nanogen shall be derived from an organi-source as per CSI appositizations.

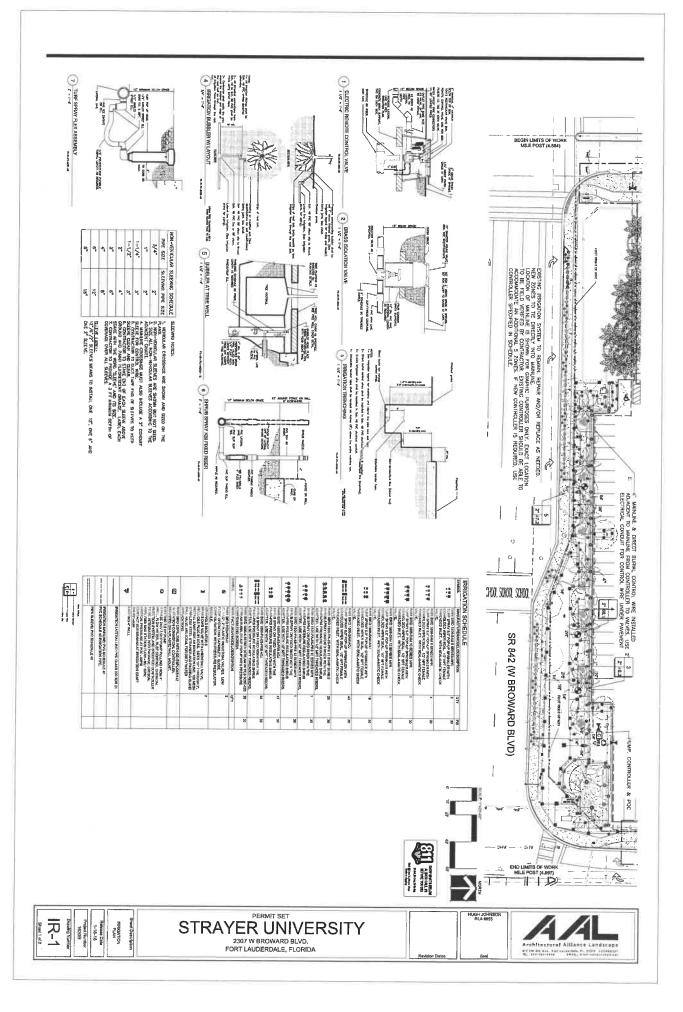
over the plant list.

ADDITIONAL INSTRUCTIONS

Architectural Alliance Landscap



STRAY



infigation control wire shall be thormopiastic solid copper, single con suitable for direct burial and continuous operation at rated voltages. ductor, low voltage intigation controller wire

Tiepe and bundle control who severy 10 and run alongspise the matrifica. At all turns in direction, make a 2° coil of wire. At all valve boxes zoll white around a 3° pieca of PVC pipe to make a zoll usting 30 linear inches of wire, Make elezation commendars with 3MDBYR commoders.

Number all wires, using an electrical book of numbers, boxes and at the controller.

Wire sized, numbered and colored as follows:
#14 while for common
#14 spare black common
#14 Individual color coded hot wire
#14 spare yoliow hot wire

Leaving and northoller, on floor spare when in both detections (de)st spare when singly, lead as it removes spare (it usin) and 3 ind when it out of 1. Leaving and 1. Leaving and 1. Leaving and 3 ind when it out of 1. Leaving the part in 6 of 1. Leaving the 1. Leaving th

Controlle and pump stater Coanni Princi prouding. Costnetely to utilize it "No"M" copper grounding planes, "No"O' cooper and upounding set One State Coanni Principal set and set of the State Coanni Principal set and set of the State Coanni Principal set of the State Coanni Prin

LAYOUT

Lay out brigation system mainlines and lateral lines. Make the necessary adjustments as required to take into account of site obstructions and limitations prior to excavating transhes.

State all sprinther head focations, Adjust location and make the necessary modifications to nozzie types, etc. required to ensure 100% head to head coverage. Refer to the Edge of Pavement Detail on the Infigation Detail sheet.

plany heats shall be installed 4" from aldewalks of curbed readways and 12" from uncurbod crackways and balishg bundations. Rotine shall be fairelied 4" from aldewalks of curbed readways, 12" from building flooridations, and 30" from uncurbad readways.

Shoch hasts and to iscladed or 2 to the PCC desir. The florer shall be set as minimum of the off adaments, readway curride publishing from controllers entering youther betterpoold pass. Stroke flores shall be included as shardfulf height of 2° above maintained height of plants and shall be hastilded a minimum of 9° within halled on shardfulf height of 2° above maintained height of plants and shall be hastilded as of the shart of 10° within halled or be less while and of the remainship. Point off all not them while the beside of cones grown paths, unless frightlich operand will utilize nouse water; in this case the nour shall be pumple PVC and shall not be pathwed.

Locate valves pilot to excavation. Ensure that their location provides for easy access and that there is no intenference with physical structure, plants, test, poles, etc. Valve boxes must be placed a minimum of 12 and a resolument of 15 from the degle of persents, but such as, call set by no of the locar must per 2 above field preside. Not wish boxes after the most person of the contract of 2 above field preside. Not wish boxes after the minimum of the contract of the contract of the degle of the contract of the contrac VALVES

Sequence all valves so that the furthest velve from the POC operates first and the clasest to the POC operates last. The closest valve to the POC should be the last valve in the programmed acquence.

Using an electric branding iron, brand the valve ID letterfrumber on the lid of each valve box. This brand must be 2*3* laft and easily (egible. Adjust the flow control on each RCV to ensure shut off in 10 seconds after deactivetion by the irrigation controller.

All pop-up heads and shrub risers shell be pressure compensating. All pop-up heads shall be mounted on flax-type swing joints. All rolors shell be installed with PVC viple joints unless otherwise detailed.

All sprinkler equipment, not otherwise detailed or specified on these plans, shell be installed as per manufacturer's recommendations and specifications, and according to local and state laws.

RENCHING

Scorewe studht and vedked twerches with smooth, flat or stoping bottoms. Trench width and depih should be uturificaer to allow for the proper vertical and hortscrial separation between piping as shown in the pipe installation featil on the detail allows.

Proded exhibits plandscaped areas. Remove and registed any demayed plant material upon job compilation. The spilacement material and law or the same open and specieds, and of the same also as the melaterial for noplating. The final determination as to what meads to be explaced and the acceptability of the replacement material shall be solely up to the owner or knowled representatives.

INSTALLATION

Gebernt Mod. Egg. Col. all piles squares and deburn. Cleans pipe an fillings of knowly markets; the study is small annual of primare which markets are study as small annual of primare which markets are study on a fillings of the primare should not pulsed as of the Tompo of fillings. Noted papily a fill negler to the pipe, made as the loyer leaded are fillings and first another very life to the langer, leaded to the lockman of the destination of the contract of the pipe and plants are the contract to the lockman of the study and the run the pipe as a farm and hold for 0 seconds, make sure just the pipe is farmed to the lockman of the study and the run that the pipe as a farmed to the lockman of the run that the pipe as a farmed to the lockman of the run that the lockman of the run that the pipe as a farmed to the lockman of the run that the run that the lockman of the run that the run that the lockman of the run that the run that the lockman of the run that the run that the lockman of the run that the run that the lockman of the run that the run that the lockman of the run that the run that the run that the lockman of the run that the run that the run that the lockman of the run that the r

The backfill of balow, of shows, and around all piping shall be doen stand and anything beyond that in the trench can be of notive material but nothing furger from 2° in diameters. All piping and exceedings shall be backfilled and completed to a develop of 6% in modified Product, or greater.

Makri line pape dopth morssure to the top of pipe shall be: 24" minimum for }" - 2}" PVC with a 30" minimum at vehicular crossings; 30" minimum for 3" & 4" PVC with a 36" minimum at vehicular crossings.

Contrador shall backfull is jebrjo, both materias and sisorate, agind or operforming any pressure seats. The pipe shall be backfulled with the acceptance of Z on each side of every joint joint flowing, by loss, 45%, each, fixes joints shall not be backfulled until all piping has satisfactorily passed to oppropriate pressure test as cultimed below.

FLUSHING

Prior to the placement of valves, flush all mainlines for a minimum of 10 minutes or until tries are completely clasn of debts, whichever is longer,

Prior to the placement of heads, flush all lateral lines for a minimum of 10 minutes or until lines are complotely clean of debits, whichever is longer.

Schedule lesting with Owner's Representative a minimum of three (3) days in advance of testing.

Modifine. Remove all mombs control views and day being all threshed export SCH 20 night, he less allow and give when as fall and in the factor allowed for the control and the second and

Upon completion of the operational test, not each zono until water begins to puddie or no eff. This will alternate you to determine the national production of the control of the control

2. Soil moisture sensor should be placed in the middle of a spray or drip area as per

1. Piace all soil moisture sensor wiring in 1" SCH 40 PVC conduit

Controller shall be set to the Florida Automated Waashur Notwork's urben scheduler settings using the SMS as a moisture out off device (like a rain awtich) per manufadurer directions.

SOIL MOISTURE SENSOR (When applicable)

P. Conduct additional Inspections, maintenance tasks, etc. that are partic

O. Weindar, if applicable, as weather in your aires dicision, follow menufacturer recommendations and blow out all times and equipment using compressed all, Fertiform seasonal startup of system as por menufacturer recommendations.

N. Check and dean intake screens on all suction lines quarterly, at minimum, Clean and/or repair, as needed.

M. Check pump stations for proper operation, pressures, filtration, settings, etc. - refer to pump station operations menual.

L. Inspect of filters monthly and clear/repulr/replace as needed.

K. Inspect backflow devices by utilizing a properly licensed backflow inspector. This should be done annually, at minimum.

J. Inspect all valve boxes to ensure they are in good condition, lids are in place and looked. I, check rain shut-off device monthly and clean/repair/replace as needed. H. Check controller/C.C.U. grounds for resistance (10 ohms or less) ance per year. Submit written reports.

Riser height relaxed/lowered to accommodate plant growth patterns and ensure proper coverage.
 Verify populps retract after operation, if not, repair/replace as readed.

year from the time of final

MINIMUM RECOMMENDED
IRRIGATION MAINTENANCE PROCEDURES

Lateral line depths measure to top of pipe shell be:

16" minimum for 3" - 3" PVC with a 30" minimum at venicular crossings;
24" minimum for 4" PVC and above with a 30" minimum at venicular crossings.

Use screens in heads and adjust heads for proper coverage avoiding excess water on walks, walls and paving.

TESTING

If these parameters are exceeded, locate the problem; repair it; walt 24 hours and retry the test. This procedure must be followed until the mainline passes the test.

Lateral lines: The Istoral lines must be fully filled to operational pressure and visually checked for toats. Any teats detected must be repaired.

Operational Teachia - Christ the malative and liberal libes having passed label respective leafs, and the option in completing operations I, a coverage leaf and collection controlled on the system in equipost, in the Replacin controlled and and an elementative leaf elementative le

SUBMITTALS

in exclamatical. Delher for (5) cocks of submitted to Chance? Expressibles while to (10) profess due in Final data of Fiderica to Chance? Expressible while to (10) profess due in Fiderica to Chance of Chance which Locks against of Fiderica to Chance of Chance which Locks against Chance of Chance of Chance of Locks with professible and another member and component. Furthis submitted for components on mixed let in Chance which the Chance are their purpose of Chance of Chanc

After project completion:
As a condition of final acceptance, the integriton contractor shall provide the owner with:

1. Inspation A-builles - stall by provided accurately location of imatifiers, slowers, remote control valves, pate velves, independent with entry accuration of the provident with a control reduction of the provident with a control reduction of the provident with a control reduction of the provident and water source provident. All makings and the control entitled by an entry after the control of the provident and the control of the provident and the provident and the control of the provident and the provident an

FDOT IRRIGATION NOTES

FDOT PERMIT SET

STRAYER UNIVERSITY
2307 W BROWARD BLVD
FORT LAUDERDALE, FLORIDA

whenyor possible.

2. FDOT requires 24-hour emergency access to water source.

3. Contractor shall provide FDOT District Operations Manager with a set of "As- Bullit" imgetion plans. The Irrigation system shall use the lowest quality water available which adequately and safely meets the water needs of the system Storm water, redain water, or grey water irrigation shall be used

Controller charts - Upon composition of "nesturil" prepare controller charts one per controller. Lectures on each chart the area controlled by a minute control value (subting a different color for each zone). This chart shalf be neshood to a size that will fit hadde the controller clorx. The reduction shall be harmatically sealed hadde was Zmi pleases.

3. Grounding Catillicution - Provide ground certification results for each controller and pump panel grounding gird Insulated. This must be on a lifensed electrical letter hand indication bosation tessed (using its plan symbols), data first, leat method and testing results.

INSPECTIONS AND COORDINATION MEETINGS REQUIRED - Contractor is required to schedule, perform, and attend the following, and demonstrate to the owner and/or owners representative to their satisfaction, as follows:

1. Pre-constriction monthlip - Designer and contractor to review ender forabl process and utbedde with considerand commonly, and considerand commonly of the considerand commonly of the considerand commonly.

2. Mediathe installation inspection(s) - All mediate must be happened for proprior plan, filtery depth of coverage, bloodified characterism construction(s) - All mediates are considered to the considerand of the process are considered and the considerand of the design of the design of the considerance and the considerance and the considerance are considered as the considerance and the considerance and the considerance are considered as the considerance are cons

5. Coverage and operational test 8. Final inspection 7. Punch list inspection

FINAL ACCEPTANCE

acceptance of the infigation system will be given after the following documents and conditions have been deted and approved. Final payment will not be released until these conditions are setsified.

1.All above haspections are completed, documented, approved by owner.
2.Completion and acceptance of "abotat" (devings.
3. Acceptances of rejured controller orbits and placement halde controllers.
4. All other submittals have been made to the sets/stocker of the owner.

GUARANTEE: The Infiguition system shall be guaranteed for a minimum of one

Project Number 1630B

Release Date 1-18-18

Sheet Description IRRIGATION NOTES

IR-2 Orawing Number

Shool 2 of 2

E.Check flow control and adjust as needed; ansure valve clasure within 10-15 seconds controller. B. Check schadules to ensure they are appropriate for the season, plant consult an LA, certified auditor for methods used in determining proper infgation. 1. Early Highlator zone should be checked monthly end written reports generated describing the deale(s) each zone was feedered reported producers interface dealers are golden and a list of materials used in the organic Al milimum, these inspections should include the following laster: C. Check di Redut e Mehant
1. Proport est helpf 10g of operhain is 't below mans halpf'
1. Proport est helpf 10g of operhain is not. It is promotocom; and dear in attach bects
2. Verify head popular faight - of the nut. It is promotocom; and dear in attach bects
3. Chrock vegler self for feets or "Healing, Johan head on in-typend.
4. It still leading replace head vibl in a popular lead vibli pressure regular and bede vible.
5. All mostles detected by roper preferent odgoptin, leader, comed make its control, etc. - optica as needed
5. All costless described by roper preferent odgoptin, leader, comed pass and control preferent entered on the control preference of the control preference on the control preference F. Check for leaks - mainline, lateral lines, valves, heads, etc. D. Check setting on pressure regulator it verify proper setting. If present. C. Check remote control valve to ensure proper setting, if present. A. Turn on each zone from the controller to verify automatic operation. and soil type, and intgation scheduling requirements. after descrivation by

S12 SW 4th Ave., Fort Laudardala, FL. 33315 L TEX Y50-704-2050 SPERGLI HISRARIOGES

HUGH JOHNSON RLA #855

SECTION No.:

Permit No.:

8700600

2018-L-491-012

COUNTY:

Broward

S.R. No.:

842

EXHIBIT C

MAINTENANCE PLAN FOR LANDSCAPE IMPROVEMENTS

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

Please see attached

MAINTENANCE PLAN Landscape Improvements

Project State Road No:

842 (Broward Boulevard) from N.W. 22nd Avenue (M.P. 4.884)

N.W. 24TH Avenue (M.P. 4.987)

Permit:

2018-L-491-012

Maintaining Agency:

City of Fort Lauderdale

RLA of Record:

Hugh Johnson

Date:

October 23, 2018

I. GENERAL MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

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

WATERING REQUIREMENTS

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

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

IRRIGATION SYSTEM

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

INTEGRATED PLANT MANAGEMENT

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

Palms, shrubs, trees and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Please be alert to changes in fertilization types per University of Florida, Institute of Food and Agricultural Services (I.F.A.S.) recommendations. Establishment of an integrated pest management program is encouraged to ensure healthy plants, which are free of disease and pests.

MULCHING

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

PRUNING

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

STAKING AND GUYING

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

TURF MOWING:

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

LITTER CONTROL:

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

WEEDING/HERBICIDE

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

PLANT REPLACEMENT

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

HARDSCAPE (SPECIALTY SURFACING)

All tree grates and specialty surfacing (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the surfacing and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current FDOT Maintenance Rating Program Handbook Pages 43-47; ADA accessible sidewalk; and FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on The State Highway System. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

HARDSCAPE (CONCRETE PAVERS)

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

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

HARDSCAPE (NON-STANDARD) TRAVELWAY SURFACING

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

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

HARDSCAPE (LANDSCAPE ACCENT LIGHTING) (IF APPLICABLE)

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

MAINTENANCE OF TRAFFIC CONTROL

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

VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING (ODA) (IF APPLICABLE)

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

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

II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS

Planting beds were designed for ease of maintenance. All planting beds have large masses of only one species so that the entire bed requires the same watering, pruning, fertilizing and other maintenance requirements. Ground cover plantings should be pruned to maintain a clean, yet natural effect. Dwarf Carissa requires minimal maintenance and in regards to pruning and should be allowed to reach its full potential through its natural growth habit. Live Oaks should be pruned from the base of the trunk upward to maintain a clear trunk of 8.5' minimum and provide sufficient separation between canopy and sidewalk for pedestrian traffic.

REFERENCES

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

Accessible Sidewalk (ADA)

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

Americans with Disabilities Act (ADA) (ADAAG) http://www.ada.gov/2010ADAstandards index.htm

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

http://webstore.ansi.org

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Plants 2015*http://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Bureaus-and-Services/Bureau-of-Plant-and-Apiary-Inspection

Florida Department of Community Affairs (DCA), Florida Board of Building Codes & Standards, 2017 Florida Building Code, Chapter 11 Florida Accessibility Code for Building Construction Part A

http://www2.iccsafe.org/states/florida codes/

Florida Department of Transportation, *Program Management, Maintenance Specifications Workbook Supplemental Specifications, Section 580 Landscape Installation* http://www.fdot.gov/programmanagement/Maintenance/2018Jan/default.shtm

Florida Department of Transportation, FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 580-001 Landscape Installation

http://www.fdot.gov/design/standardplans/current/IDx/580-001.pdf

Florida Department of Transportation, FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System, Chapter 212.11 Clear Sight Triangles

http://www.fdot.gov/roadway/FDM/current/2018FDM212Intersections.pdf

Florida Department of Transportation, FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System, Chapter 215.2.3 Clear Zone Criteria and 215.2.4 Lateral Offset

Table 215.2.1 Clear Zone Width Requirements

Table 215.2.2 Lateral Offset Criteria (for Trees)

http://www.fdot.gov/roadway/FDM/current/2018FDM215RoadsideSafety.pdf

Florida Department of Transportation, FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index Series 102-600 Traffic Control through Work Zones
http://www.fdot.gov/design/standardplans/current/IDx/102-600.pdf

Department of Transportation, Landscape Architecture Website www.MyFloridaBeautiful.com

Florida Department of Transportation, *Maintenance Rating Program Handbook* http://www.dot.state.fl.us/statemaintenanceoffice/MaintRatingProgram.shtm

Florida Department of Transportation Outdoor Advertising Database http://www2.dot.state.fl.us/rightofway/

Florida Exotic Pest Plant Council Invasive Plant Lists http://www.fleppc.org/list/list.htm

Florida Irrigation Society http://www.fisstate.org

Florida Power and Light (FPL), *Plant the Right Tree in the Right Place* http://www.fpl.com/residential/trees/right-tree-right-place.shtml