SECTION No.(s):
 86010000

 S.R. No.(s):
 5

 PERMIT No:
 2016-L-491-0006

 COUNTY:
 BROWARD

DISTRICT FOUR (4) AMENDMENT NUMBER FOUR (4) TO STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION LANDSCAPE INCLUSIVE MEMORANDUM OF AGREEMENT

THIS AMENDMENT Number Four (4) to the Agreement dated March 29, 2013, made and entered into this _____ day of _____ 20___ by and between the State of Florida Department of Transportation hereinafter called the DEPARTMENT and the CITY OF HALLANDALE BEACH, a municipal corporation of the State of Florida, hereinafter called the AGENCY.

WITHNESSETH

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, March 29, 2013 for the purpose of maintaining the landscape improvements by the AGENCY on various roads including State Road 5 (US 1); and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape to be installed on State Road 5 (US 1) in accordance with the above referenced Agreement; and,

WHEREAS, the AGENCY by Resolution No._____ dated____, attached hereto and by this reference made a part hereof, desires to enter into this Agreement and authorized its officers to do so; and,

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

- Pursuant to paragraph 9 of the Landscape Inclusive Maintenance Memorandum of Agreement for State Road 5 (US 1) dated March 28, 2013, the DEPARTMENT will allow an adjacent property owner to construct additional landscape improvements or to modify an improvement located as indicated in Exhibit "A", State Road 5 (US 1) from (M.P. 1.02) to (M.P. 1.12)., in accordance with the plans attached as Exhibit "B".
- 2. The AGENCY shall agree to maintain the additional landscape improvements in the original Inclusive Agreement described above in accordance with the Maintenance Plan, **Exhibit "C"** of the original agreement and, in addition, as follows:

II. Specific Project Site Maintenance Requirements and Recommendations:

Planting beds were designed for ease of maintenance. Most planting beds have large masses of only one or two species so that the entire bed requires the same watering, pruning, fertilization and other maintenance requirements. Where groundcover plantings from shrub masses, the materials should be pruned to maintain a layered effect, with Myers Asparagus at 24"; Green Island Ficus at 24"; Ixora maintained at 30"; and flax Lilly at 18-24". Groundcovers require minimal maintenance in pruning and should be allowed to reach its full potential through its natural growth habit. Shrub material should be pruned periodically, so that the foliage is maintained full to ground. Trees should be pruned from the base of the trunk upward to maintain a clear trunk of 8.5' minimum and provide a separation between canopy and underplantings. Remove palm fronds periodically which appear to be in decline so that the plants can designate energy to the promotion of new growth. If maintained properly the plantings will flourish and provide a lush and multi-layered effect which will be o great benefit to the area both aesthetically and environmentally.

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

LIST OF EXHIBITS

Exhibit A - Landscape Improvements Limits and Maintenance Boundaries and Location Map

Exhibit B - Landscape Improvement Plans

In Witness whereof, the parties hereto have executed with this Amendment effective the _____day _____ year written and approved.

CITY OF HALLANDALE BEACH

By:

Chairperson/Mayor/Manager

Attest: _____(SEAL)

Legal Review

Date

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

By:

Transportation Development Director

Attest: _____(SEAL) Executive Secretary

Legal Review

Date

Office of the General Counsel

 SECTION No.(s):
 86010000

 S.R. No.(s):
 5

 PERMIT No:
 2016-L-491-0006

 COUNTY:
 BROWARD

EXHIBIT A

LANDSCAPE IMPROVEMENTS PROJECT LIMITS

MAINTENANCE BOUNDARIES LIMITS AND LOCATION MAP

- I. PERMIT LANDSCAPE PROJECT LIMITS: State Road 5 (US 1) from (M.P. 1.021 to (M.P. 1.123)
- II. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS: Stat Road 5 (M.P. 0.000) (South City limits) to (M.P. 1.526) State Road 824 (Pembroke Road)
- III. MAINTENANCE BOUNDARY LIMITS MAP:

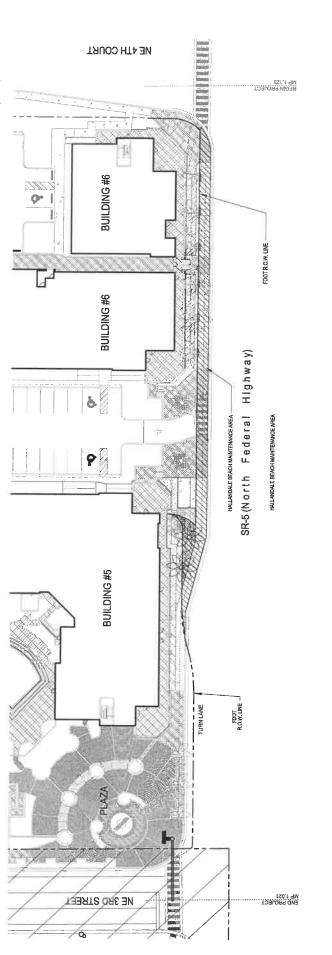
*All limits of the original agreement and amendments shall apply

Please See Attached

S/Transportation Development/Design/In-House Design/Landscope Architecture/AGREEMENTS/1 (I/OA/HALLANDALE BEACH/MCLUSIVE MMOA/Vinendment #4(16-L-491-0006)/I/NCL_AMEND#4_16-L-491-0000(5-3-16).doc

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 SECTION No.(s):
 8601

 S.R. No.(s):
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 PERMIT No:
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86010000 5 2016-L-491-0006 BROWARD

EXHIBIT B

LANDSCAPE IMPROVEMENT PLANS

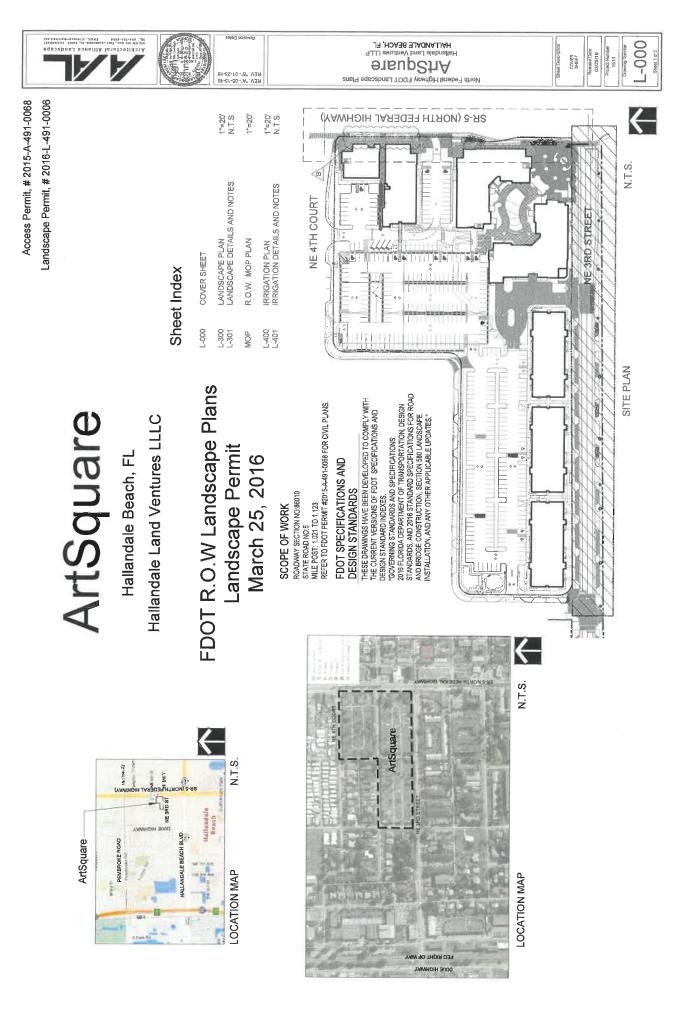
The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

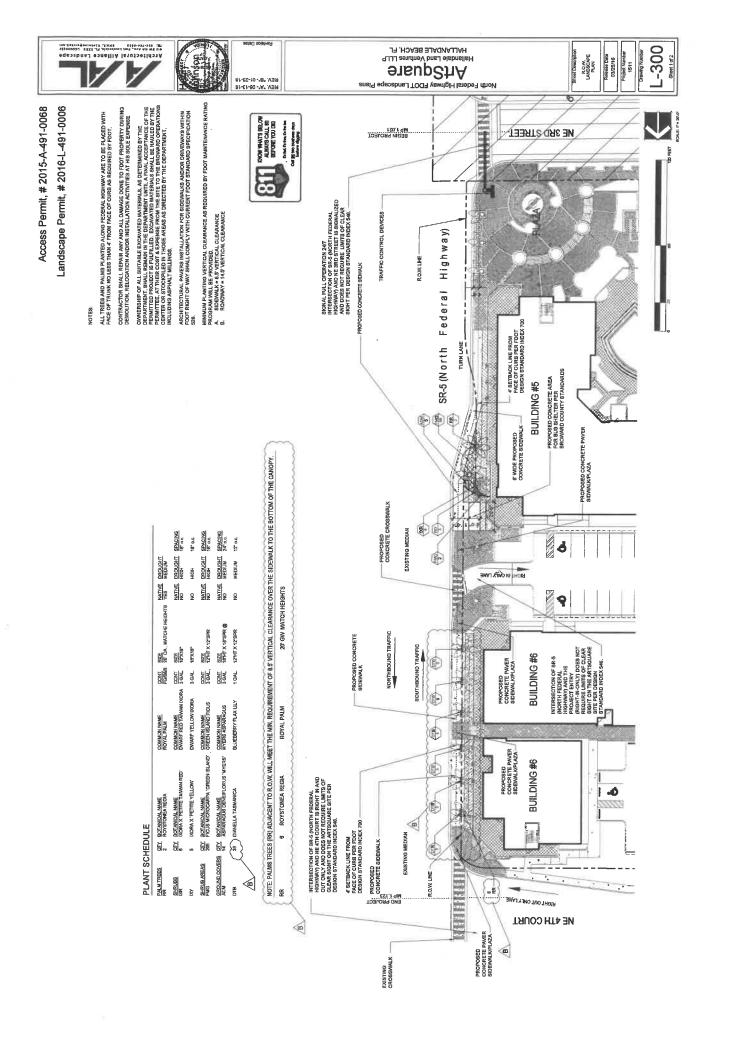
Please see attached plans prepared by:

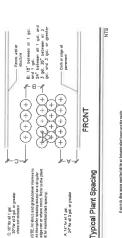
Hugh Johnson, RLA Architectural Alliance Landscape

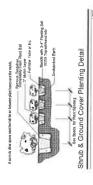
Date: January 25, 2018

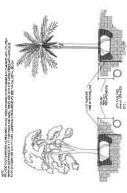
S:\Transportation Development\Design\La-House Design\Landscape Architecture\AGREEMENTS\1 MOA\HALLANDALE BEACH\INCLUSIVE MMOA\Amendment #4(16-L-491-0036)\INCL_AMEND#4_16-L-491-0036(5-3-18).doc











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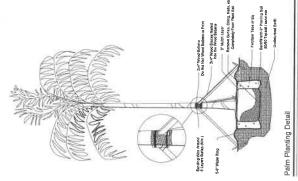
Typical Root Barrier Detail

NTS

SITE AREA	327,307 sf.	7.5t ac
	REQUIRED	PROVIDED
SEC. 32-384 (a) Landsceping Requirements		
TOTAL LANDSCAPE PERVIDUS AREA	49,097 sf.	50,606 af (15.5%
B-G Business General (15% Min. required)		
SEC. 12-364(c) Min. Tree Requirements		
1 Tite per 1,500 SF of pict area		
327,307 SF / 1,500 SF = 219 Trees	219 Trees	221 Tribes
Native Trees/Drought Tolerant/ (50% Min.)	110 Trees	182 Native Thes
Mex (50%) paima (Royal Pelms and Date Palms 1:1 only)	109 Paims Max.	70 Patms

0,608 sf (15.5%

TREES LISTED AS 'PROVIDED' IN THE LANDSCAPE CALCULATIONS INCLUDE: (9) LIVE OAKS AND (12) ROYAL PALMS LOCATED WITHIN THE N.E. 3RD AVENUE R.O.W. UNDER SEPARATE PERMIT AS Nether/Drought Tolerant Materials Listed are based on Wintervetse- South Florida Landscapes DIRECTED BY HALLANDALE CRA.



ALL SOD AND LANDSCAPE RECEIVE 100% COVERAGE FROM AN ANTOMICI REITS IN SUFFICIAL OBIE COUPEND FROM AN ANTOMICI REITS SUFFICIAL OBIE COUPEND WITH REMOVED WATER SUFFICIAL LASO BE COUPEND WITH A RAIN SENSON ALE LANTED MATERIAL JALAGO BE COUPEND WITH A RAIN SENSON FOR THE PLANTING PLANS SEE SHETS 1:305 OF OR THE PLANTING PLANS A RAIL PLANTED MATERIAL JALAGO BE COUPEND SHALL A REL PLANTED MATERIAL JALAGO BE COUPEND SHALL THE CONTRECTOR FOR AND COUPEND SHALL THE CANOSCAPE CONTRECTOR AND THE CONTRECTOR AND THE CAN TRECTOR FOR AND CONFERENCE A RAIL SHALL FOR AND CONFERENCE ON TRACTOR AND THE CAN TRECTOR FOR AND CONFERENCE AND CONTRECTOR AND THE CAN TRECTOR AND THE CAN TRECTOR AND CONFERENCE A RAIL SHALL FOR AND CONFERENCE A RAIL CONTRECTOR AND THE CAN TRECTOR AND THE CAN TREAT AND CONFERENCE AND CONFERENCE A RAIL CONTRECTOR AND THE CAN TREAT AND CONFERENCE A RAIL CAN TREAT AND CONFERENCE A RAIL CONTRECTOR AND CONFERENCE A RAIL CAN TREAT AND CONFERENCE A RAIL CONTRECTOR AND CONTRECTOR AND A RAIL CONTRECTOR AND CONTRECTOR AND CONFERENCE A RAIL CONTRECTOR AND CONTR

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182 Native Thees 70 Paims

RECOR WHAT'S BELOW ALWARS CALL ST BEFORE YOU DID



All sizes shown for plant material on the plans are to be considered minimum. All plant material must meet or exceed these minimum requirements for own herght and spread. Any ofter requirements for specific shape or offert as noted on the plan(s) will also be required for final acceptance. All plant material furnished by the landscape contractor shall be Florida #ft to rbetter as established by 'Grades and Standards for Florida Nursery Plants' and 'Grades and Standards for Florida Nursery Trees', All material shall be

installed as per CSI specifications.

All plant material as included herein shalt be warrantied by the landscape contractor for a minimum period as follows: All treas and palms for 12 months, all shrubs, vines, groundcovers and miscellaneous planting materials for 90 days, and lawa rease for 50 days after final acceptance by the owner or owner's representative.

R All plant material shall be planted in planting soil that is delivered to stell in a class class and fitable condition. All soil shall have a well chained characteristic. Soil must be free soil shall have a well chained characteristic. Soil must be free or all rocks, stock, and objectionable material including weeds and weed seeds as per CSI specifications.

Twelve inches (12") of planting soil 50/50 sand/lopsoil mix is required around and beneath the root ball of all trees and paims, and 1 oubic yard per 50 badding or groundcover plants.

All landscape areas shall be covered with Eucalyptus or sterized seed free Melaleuca mulch to a minimum depth of three inches (3°) of cover when setted A. Abur-Inch dear space must be left for air between plant bases and the mulch. Cypress bark mulch shall not be used.

All plant material shall be thoroughly watered in at the time of planting; no city planting permitted. All plant meterials shall be planted such that the top of the plant ball is flush with the surrounding grade.

NTS

All landscape and lawn areas shall be irrigated by a fully commonle sprinker system adjueted to provide 100% coverage of all fandscape areas. All heads shall be sighusred to for so vereing as the manufacturers specifications and performance standards utilizing a rust free weter source. Each system shall be installed with a ruin sensor.

It is the sole responsibility of the landscape contractor to simule that all one way plantings are need a address water during the installation and during all plant warranty periods. Deep watering of all new tees and paths and any supplemental weeking that manuatory to insure proper plant aritical and site inrigation is manufactory to insure proper plant development and shall be provided as a part of this contract.

All plant minitiation is shall be using leaving resulting which entries remained which entries the be State approved as a complete fertilizer containing the required minitum of trace elements in addition to V2–PX, or which 05% or the introgram enable be enved from an organic source as per CSI specifications.

Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to

All ideas, designs and plans indicated or represented by this drawing are owned by and are the exclusive property of excavation.

Architectural Alliance.

The plan takes precedence over the plant list.

SPECIAL INSTRUCTIONS

General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the andscape contractor.

All sod areas as indicated on the planting plan shall receive Sterotaprime secundation: A Jugustine Praimetro' solid soo. It shall be the responsibility of the landscape contractor to include in the bid, the repair of any sod which may be damaged from the landscape installation operations.

ZO MUL, TI ITYA, TA PO LEE. Cell §§ for builtees days before digging

Access Permit, # 2015-A-491-0068

Landscape Permit, # 2016-L-491-0006

FDOT NOTES:

FDOT STANDARDS AND SPECIFICATIONS SUPERCEDE ALL LANDSCAPE NOTES AND DETAILS LISTED OR SHOWN

FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FOOT RIGHT OF WAY LANDSCAPE INSTALLATION SHALL COMPLY WITH CURRENT FOOT STANDARD SPECIFICATIONS 360-2.1

FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FOOT RIGHT OF WAY REFER TO FDOT DESIGN STANDARD INDEX 544 LANDSCAPE INSTALLATION

MINIMUM PLANTING VERTICAL CLEARANCE AS REQUIRED BY FDOT MAINTENNCE RATING PROPARAM MUL BE PROVIDED. A. SIDEMAKI: = 15° VERTICAL CLEARANCE B. ROADWAY = 14.5° VERTICAL CLEARANCE

ALL MATERALS AND CONSTRUCTION WITHIN THE FLORIDA DEPARTMENT OF TREASPERTATION DESISAI, FLORIDA SANLL DONFORM TO THE LATERY EDITION FLOR DESIGN SINANDARDS AND STANDARD SFECIFICATIONS FOR ROAD BRIDGE CONSTRUCTION.

MANTENANCE OF TRAFFIC (NOT) FOR THIS PROJECT WILL COMPLY WITH FORD TS ANADARD INCEX GOOR SETERS) AND THE ALTERST FOLTION OF THE MANULAL OF UNIFORM TRAFFIC CONTROL DEVICES MULTOD. SEVENA, TTENTON WILL BE GIVEN TO FDOT DESIGN STANDARD INDEX 911, 921, 931, AND 980.

PERMITTEE WILL RESTORE THE RIGHT-OF-JWY AS A MINIMUM. TO ITS ORIGINAL CONDITION OR BETTER IN ACCORDANCE W FDOTS LATESI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCT AS DIRECTED BY THE RESIDENT OPERATIONS ENGINEER.

AND SECTION REVIEW AND THE WACCORPANCE WITH STANDARD MICEX (16 MID SECTIONS (R2, 391, 393, 393, 397, 671, 551, 553, 551, 454, 551 SECENICATIONS FOR MODE AND BILGLE CONSTRUCTION, LATER THE SECTION & LU DETURED AREAS MULE SECDIOR WITHIN ONE (1) WELK OF INSTALLATION OF SMOT FERMITTED WORK.

NO CATEGORY I OR II INVASIVE PLANTS SHALL BE PLANTED ON FDOT RIGHT OF WAY,

RESTRICTED HOURS OF OPERATIONS WILL BE FROM 9.02AM TO 3.30PW (MONDAY-FRIDAY), UNLESS OTHERWISE APPROVED BY THE OPERATIONS ENGINEER, OR DESIGNEE.

PERMITTEE WILL ENSURE THAT ALL LOCATES HAVE BEEN FERFOR PRICR TO SCHEDULING OF ANY WORKING ACTIVITIES. THIS SHALL INICUUES SOFT DIGS TO VERIFY VERTICAL AND HORIZONTAL ALLOWMENT.

PERMITTEE WILL COORDINATE ALL WORK WITH DAVID MOORE CF TRANSFIELD SERVICES A7 354-307-3044, MOORE _ TRANSFIELDSERVICES COM, COORDINATION WILL INCLUDE A PRE-CONSTITUCTION MEETING.

North Federal Highway FDOT Landscape Plans Pallandale Land Ventures LLLP Hallandale Land Ventures LLLP HALLANDALE BEACH, FL

THE INSTALLATION OF ALL NEW LANDSCAPE MATERIALS WILL BE IN ACCORDANCE WITH OURTENT EDITIONS OF THE STANDARD INDICES BESE, SSO, AND 700 (HORIZONTAL CLEARANCE / CLEAR ZONE REQUIREMNTS).

PLANTING DETAILS FOR SHRUBS, GROUNDCOVERS, TREES & PALMS ARE REQUIRED TO FOLLOW THE MOST CURRENT VERSION OF FDOT GUIDELINES PER INDEX 544.

CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION &/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE.

CONTREMP FOR LL SUTABLE EXCAVATED MATERNIS, AS DETERMIST OF ALL SUTABLE EXCAVATED MATERNIST, ALL DETERMIST VATL, ADGETTANG, COTTHE FERMINET PROJECTIONEL TATAL, ADGETTANG, STANLIE STANLIE PROJECTIONEL CATAL COLORATED MATERNAST, SANLIE STANLIE THE STANLIST OF AND EXCERTING AND AND ADDRAST THE STANLIES AND THE CATA AND EXCERTISE FROM THE STE TO THE BROWNO CORRENDORS (CATA AND EXCERTISE FROM THE STE TO THE STANLIES OF THE DEPARTMENT, INCLUDING SAPANL, MALLIAGS.

VOTES:

ALL TREES AND PALMS PLANTED ALONG FEDERAL HIGHWAY ARE TO BE PLACED WITH FACE OF TRUNK NO LESS THAN & FROM FACE OF CURB AS REQUIRED BY FDOT.

CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION AND/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE

LANDSCAPE DETALS AND NOTES Sheet Description Refease Cate 03/25/16

L-301 Project Number 1511 Entering Number Sheet 2 of 2



