

SECTION No.(s): 86080000
S.R. No.(s): 84
PERMIT No: 2019-L-491-00009
COUNTY: Broward

**DISTRICT FOUR (4) AMENDMENT NUMBER SEVEN (7) TO STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION LANDSCAPE INCLUSIVE
MEMORANDUM OF AGREEMENT**

THIS AMENDMENT Number Seven (7) to the Agreement dated February 26, 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 HOLLYWOOD**, a municipal subdivision of the State of Florida, hereinafter called the AGENCY.

W I T N E S S E T H

WHEREAS, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, February 26, 2013 for the purpose of maintaining the landscape improvements by the AGENCY on various roads including State Road 84 (Marina Mile Boulevard); and,

WHEREAS, the DEPARTMENT and the AGENCY have agreed to add additional landscape to be installed by permit on State Road 84 (Marina Mile Boulevard) in accordance with the above referenced Agreement; and,

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

1. The DEPARTMENT and AGENCY shall modify the limits of the City of Hollywood Inclusive Landscape Agreement dated February 26, 2013 to include State Road 84 (Marina Mile Boulevard) from M.P. 16.857. To M.P. 16.932.
2. The original Agreement dated February 26, 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 84 (Marina Mile Boulevard) from M.P. 16.857 to M.P. 16.932. In accordance with the plans attached as **Exhibit "B"**.
3. The AGENCY shall agree to maintain the additional landscape improvements in the Agreement described above according the **Exhibit "C"** Maintenance Plan of the original agreement and as follows:

II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

There are no special landscape elements being proposed.

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 And Maintenance Boundaries

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 HOLLYWOOD

By: _____
Chairperson/Mayor/City Manager

Attest: _____ (SEAL)
Clerk

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

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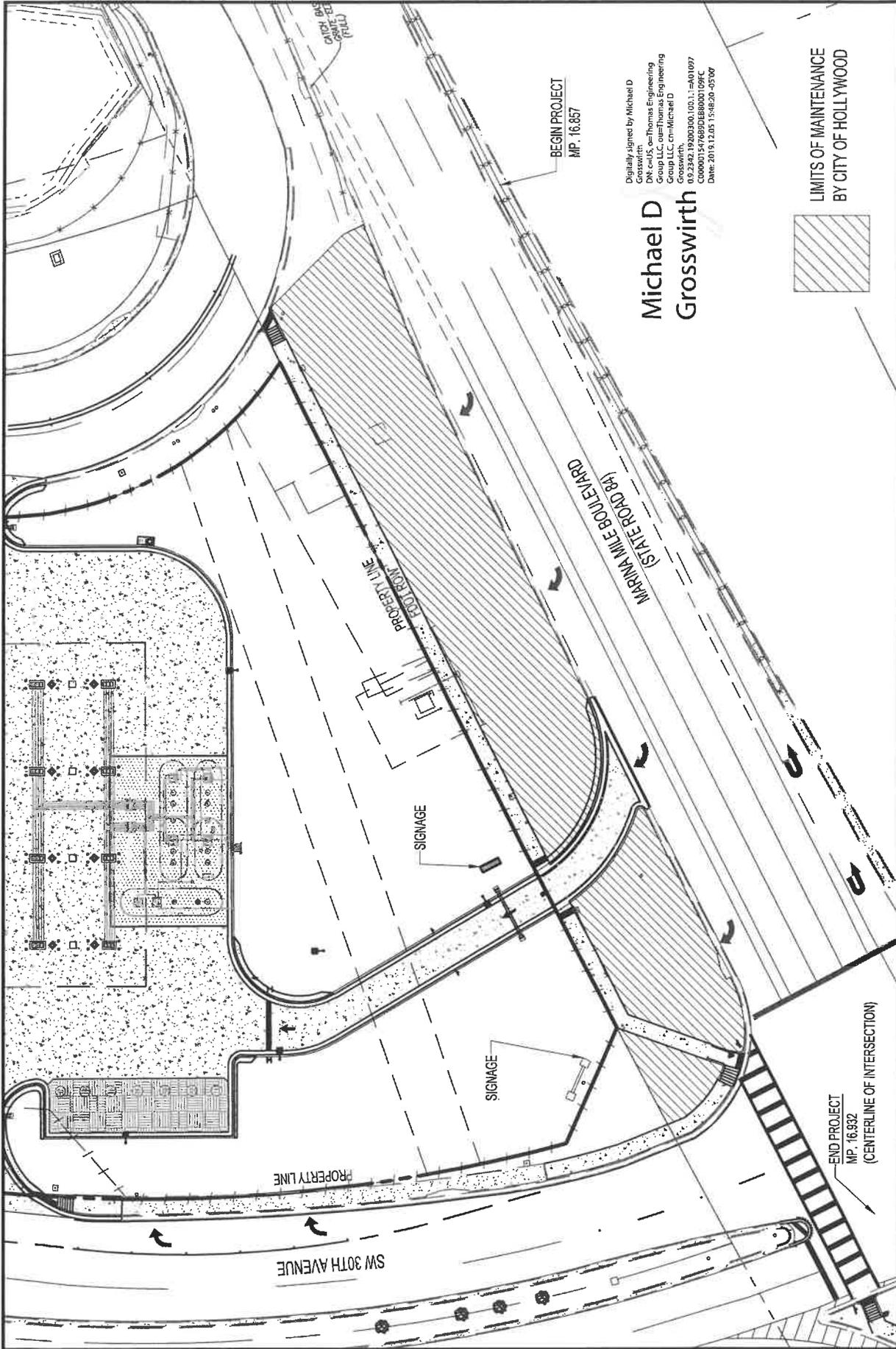
EXHIBIT A
LANDSCAPE IMPROVEMENTS
AND MAINTENANCE BOUNDARIES

- I. PERMIT LANDSCAPE MAINTENANCE LIMITS:
State Road 84 (Marina Mile Boulevard) from M.P. 16.857 to 16.932

- II. MODIFY THE INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS TO
INCLUDE THESE LIMITS ON STATE ROAD 84 (MARINA MILE BOULEVARD):
State Road 84 (Marina Mile Boulevard) from M.P. 16.857 to 16.932

*All limits of the original agreement and amendments shall apply

Please See Attached



Digitally signed by Michael D Grosswrith
 DN: c=US, o=Thomas Engineering Group LLC, ou=Thomas Engineering Group LLC, cn=Michael D Grosswrith
 09.23.09.10200300.100.1.1=401097
 C00001547689DCEB8000109FC
 Date: 2019.12.05 15:48:20 -05'00'

LIMITS OF MAINTENANCE
 BY CITY OF HOLLYWOOD



THOMAS
 ENGINEERING GROUP

6300 NW 31ST AVENUE, FT. LAUDERDALE, FL 33309 - TEL: (954)202-7000

**LANDSCAPE IMPROVEMENT
 MAINTENANCE BOUNDARY
 MAP**

PROJECT: RACETRAC - MARINA MILE
 3001 SW 30TH AVENUE, HOLLYWOOD, FL

PROJECT NO: F190013 DATE: 11/7/19
 PREPARED BY: JAL SCALE: 1" = 50'
 FDOT LANDSCAPE PERMIT NO.: 2019-L-491-00009

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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.

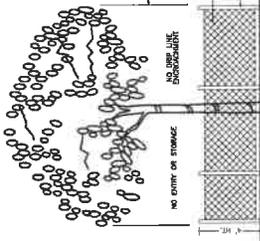
Please see attached plans prepared by: Thomas Engineering Group
Michael D. Grosswirth, PLA

Dated: July 30, 2019

Sheets L.1.0
 L.2.0
 L.2.1
 L.2.2
 L.2.3
 L.3.0
 L.3.1
 L.3.2
 L.3.3

EXISTING TREE DISPOSITION CHART

NUMBER	COMMON NAME	HEIGHT	DBH	CONDITION	REMARKS
1
2
3
4
5
6
7
8
9
10
11
12
13
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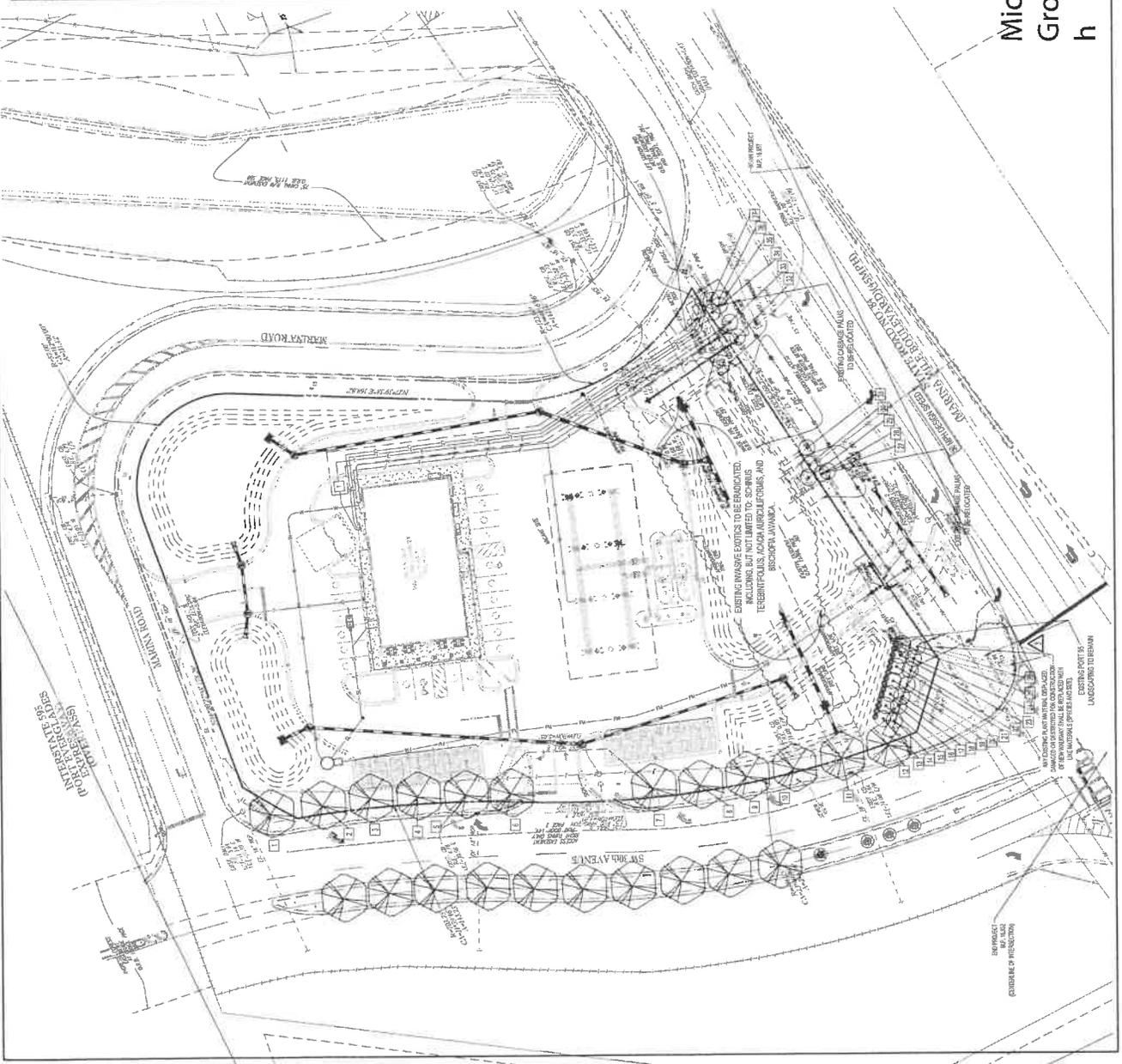
TREE PRESERVATION BARRICADE FENCING DETAIL

GENERAL NOTES:

1. Contractor to verify all utility locations and bearing features as to each identified utility. Contractor to verify all utility locations and bearing features as to each identified utility. Contractor to verify all utility locations and bearing features as to each identified utility.
2. Contractor to verify all utility locations and bearing features as to each identified utility. Contractor to verify all utility locations and bearing features as to each identified utility.
3. Contractor to verify all utility locations and bearing features as to each identified utility. Contractor to verify all utility locations and bearing features as to each identified utility.
4. All tree preservation barriers and fence construction shall be constructed in accordance with the specifications and standards of the Florida Department of Transportation (FDOT) and the Florida Department of Environmental Protection (FDEP).



Michael D Grosswirth
 Digitally signed by Michael D Grosswirth
 DN: c=US, ou=Thomas Engineering Group LLC, email=Michael.D.Grosswirth@thomaseng.com, o=Thomas Engineering Group LLC, ou=Michael D Grosswirth, serial=09FC0000015476902880000109
 Date: 2019.07.30 10:06:21 -04:00



SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

**STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR (4) INCLUSIVE LANDSCAPE MAINTENANCE
MEMORANDUM OF AGREEMENT**

THIS AGREEMENT, made and entered into this 26th day of February 2013, 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 Hollywood**, municipal corporation of the State of Florida, existing under the Laws of Florida, hereinafter called the AGENCY.

WITNESSETH:

WHEREAS, the DEPARTMENT has jurisdiction over State Roads A1A, 5, 7, 9, 820, 822, 824 and 848 as part of the State Highway System as described in Exhibit A; and

WHEREAS, the DEPARTMENT seeks to install or have installed and have maintained by the AGENCY certain landscape improvements, as defined in paragraph numbered 2, page 2, within the right of way of State Roads A1A, 5, 7, 9, 820, 822, 824 and 848 as described within Exhibit B and C; and

WHEREAS, the AGENCY has installed and maintains certain landscape improvements within the right of way of State Roads A1A, 5, 7, 9, 820, 822, 824 and 848 as described within Exhibit B, and C; and

WHEREAS, two (2) Adjacent Property owners adjacent to State Roads A1A and 5 seek to install landscape improvements described within Exhibits B and D, pursuant to a permit within the corporate limits of the AGENCY and the AGENCY seeks to maintain those landscape improvements, and

WHEREAS, the AGENCY and the DEPARTMENT have entered into previous agreements for the AGENCY to maintain landscape improvements on DEPARTMENT right of way; 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 facilities as State Road(s) A1A, 5, 7, 9, 820, 822, 824 and 848 described further in Exhibit A attached hereto and incorporated by reference herein; and

WHEREAS, the AGENCY is of the opinion that the highway facilities within the AGENCY'S limits that contain landscape improvements shall be maintained by the AGENCY; 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 travel way and improvements made to the travel way (if applicable) that were made at the request of the AGENCY; and

WHEREAS, as designated to be superseded, the AGENCY and DEPARTMENT intend for this agreement to replace and supersede the landscape agreements described within Exhibit C designated to be superseded, except as otherwise provided in this Agreement; 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 Resolution No. R-2013-027 dated Feb. 22, 2013, attached hereto and by this reference made a part hereof, desires to enter into this Agreement and authorizes its officers to do so;

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 BY AGENCY**

The AGENCY has installed certain *landscape improvements* described herein as: plant materials, irrigation and/or hardscape on the highway facilities substantially as specified in plans and specifications hereinafter referenced to as the Project(s) and incorporated herein as referenced in Exhibit C. *Hardscape* shall mean, but not be limited to, site furnishings, landscape accent lighting, fountain, tree grates, decorative free standing or retaining wall(s), and/or any non-standard roadway, sidewalk, median or crosswalk surfacing, such as concrete pavers, color stained stamped concrete, and/or asphalt patterned pavement, but excludes standard concrete sidewalk.

When the AGENCY is installing or will install the PROJECT, they shall comply with the following criteria.

- (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, clear zones 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 the Maintenance Plan, Exhibit E .
- (c) Tree and palm pruning shall be supervised by properly trained and certified personnel 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. Personnel shall be licensed by Broward County Environment Protection Department to perform this work.
- (d) Irrigation installation and maintenance activities shall conform to the most current standards set forth by the Florida Irrigation Society (FIS), *Standards and Specifications for Turf and Landscape Irrigation Systems*.
- (e) The AGENCY shall provide the DEPARTMENT'S local FDOT Operations Center accurate as-built plans of the irrigation system so in the future if there is a need for the DEPARTMENT to perform work in the area, the system can be accommodated as much as possible.
- (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 FDOT Operations Center. The AGENCY shall be responsible for all associated fees for the installation and maintenance of these utilities.
- (g) Patterned Pavement (if applicable) shall be installed and maintained as described in the plans and further described in Exhibit G and Exhibit H.

- (h) All sidewalk, crosswalk and / or median non-standard surfacing (if applicable) 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)* and in accordance with the Maintenance Plan, Exhibit E.
- (i) All activities, including project 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*.
- (j) The most current edition of *FDOT Design Standards, Index 546* must be adhered to in all activities performed on the State Highway right of way.
- (k) Horizontal and Vertical Clearance and Clear Zone as specified in the *FDOT Plans Preparation Manual, Volume 1, Chapters 2 and 4* and *FDOT Design Standards, Index 700* must be adhered to in all activities performed on the State Highway right of way.
- (l) Landscape improvements shall not obstruct roadside signs, traffic signals or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-40, Part I and Part III.)
- (m) The AGENCY shall provide the local FDOT Operation Center, Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300 a twenty-four (24) hour telephone number and the name of a responsible person that the DEPARTMENT may contact. The AGENCY shall notify the local FDOT Operations Center forty-eight (48) hours prior to the start of the project.
- (n) If there is a need to restrict the normal flow of traffic, it shall be done on 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 project. The DEPARTMENT'S Public Information Office shall also be notified.
- (o) The AGENCY shall be responsible to clear all utilities within the landscape improvement limits before construction commences.
- (p) The AGENCY shall follow the minimum level of maintenance guidelines as set forth in FDOT Rule Chapter 14-40 *Highway Beautification and Landscape Management*, the *FDOT Guide to Roadside Mowing and Maintenance Management System*, *FDOT Maintenance Rating Program Standards* and Exhibit E, the Maintenance Plan for maintenance activities for landscape projects as well as the superseded landscape agreement's Maintenance Plan's Part II, and Exhibit H, the Patterned Pavement Maintenance.

3. INSTALLATION OF FACILITIES BY DEPARTMENT

The DEPARTMENT shall install or cause to be installed *landscape improvements* described as: plant materials, irrigation and/or hardscape on the highway facilities substantially as specified in the initial plans and specifications hereinafter referred to as the Project(s) and incorporated herein as referenced in Exhibit B and C. *Hardscape* shall mean, but not be limited to, any landscape accent lighting, fountain, tree grates, decorative free standing wall and/or any non-standard roadway, sidewalk, median or crosswalk surfacing such as, but not be limited to, concrete pavers, color stamped asphalt and/or color stamped concrete. If there are any major changes to the plan(s), the DEPARTMENT shall provide the modified plan(s) to the AGENCY and the AGENCY shall provide their approval or disapproval to the DEPARTMENT within 10 business days. The DEPARTMENT may elect to withdraw the landscape improvements if changes are not approved within the given time frame.

4. 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. The landscape improvements outside the travelway shall be maintained by the AGENCY regardless if the said improvement was made by the DEPARTMENT, the AGENCY, or others by periodic mowing, fertilizing, weeding, pruning, curb and sidewalk edging, litter pickup, necessary replanting, irrigation system repair and/ or repair of any median concrete replacement associated with the non-standard surfacing (if applicable) following the DEPARTMENT'S landscape safety and maintenance guidelines, Exhibit E, the Maintenance Plan and Exhibit H the Patterned Pavement Maintenance (if applicable). The AGENCY'S responsibility for maintenance shall include all landscaped, turfed and hardscape areas within the median and areas outside the travelway to the right of way and areas within the travelway containing non-standard surfacing (if applicable). 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 surfacing and the associated header curb and concrete areas (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 plants; 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 and 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. Plants shall be those items which would be scientifically classified as plants and include trees, palms, shrubs, groundcover and turf. To maintain also means to remove or replace dead or diseased plants 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 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 for these improvements, all costs associated with the utilities associated with landscape accent lighting and/or irrigation including, but not limited to the impact and connection fees, and the on-going cost of utility usage for water and electrical, are the maintaining AGENCY'S responsibility.

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

(2) If installed by the DEPARTMENT the AGENCY shall become responsible for the above named utility costs upon final acceptance of the construction project by the DEPARTMENT and thereafter. The construction project is accepted prior to the start of the Plant Establishment and Contractor's Warranty Period.

AND

(3) The AGENCY shall be responsible for all the improvements immediately after final acceptance of the construction project by the DEPARTMENT except for plant material which will be maintained by the Department's contractor during the Plant Establishment and Contractor's Warranty Period. The AGENCY shall be responsible for the maintenance of all improvements after the completion of the Plant Establishment and Contractor's Warranty Period. If the AGENCY installs the hardscape, the AGENCY shall be responsible for utilities as provided for in paragraph number 2.
(f).

- D. The above named 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.

5. SUPERSEDED PRECEDING LANDSCAPE AGREEMENTS

This Agreement shall replace and supersede any and all preceding landscape agreements as listed in Exhibit C except as specifically excepted out. The landscape improvement plans and the associated Maintenance Plan Part II attached to the referenced agreements and project costs shall by reference become a part of this agreement as if they were attached hereto unless superseded by later plans. The AGENCY shall have the same duty to maintain those landscape improvements under this Agreement as the Agency did under the previous landscape agreements, and as more specifically detailed in this Agreement.

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 as specifically reference in Exhibit C.

6. NOTICE OF MAINTENANCE DEFICIENCIES

- A. If at any time after the AGENCY has undertaken the landscape improvement installation and/or maintenance responsibility mentioned above, 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 placing 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) Complete the installation, or part thereof, with DEPARTMENT or Contractor's personnel and deduct the cost of such work from the final payment for said work or part thereof, or,
 - (2) Maintain the landscape improvements or any part thereof, with the DEPARTMENT or Contractor's personnel and invoice the AGENCY for expenses incurred, or,
 - (3) At the discretion of the DEPARTMENT terminate the Agreement in accordance with Paragraph 11, and remove, by the DEPARTMENT or private 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.
- B. The AGENCY agrees to reimburse the DEPARTMENT all monies expended by the DEPARTMENT for the projects listed in Exhibit B, C and D in the amounts listed in those agreements should the landscape improvement areas fail to be maintained in accordance with the terms and conditions of this Agreement in the amounts listed in those agreements.

7. FUTURE DEPARTMENT IMPROVEMENTS

In the event the DEPARTMENT decides to construct additional landscape improvements or modify these improvements within the limits of the rights of way herein previously identified, the DEPARTMENT and the AGENCY shall agree in writing and require signature from the AGENCY approving the new landscape improvements and maintenance plan thereof. If the AGENCY and the DEPARTMENT are

unable to come to an agreement, the DEPARTMENT, in its sole discretion, may install sod and the agency shall be required, pursuant to this Agreement, to continue maintaining said landscape 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(s) be widened, altered, or otherwise changed to meet with future criteria or planning of the DEPARTMENT. The AGENCY shall be given sixty (60) calendar day's notice to remove said landscape/hardscape 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.

8. FUTURE AGENCY IMPROVEMENTS

The AGENCY may construct additional landscape improvements within the limits of the 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) The AGENCY shall procure a permit from the DEPARTMENT.
- (c) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (d) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements installed at no cost to the DEPARTMENT.
- (e) If the AGENCY'S landscape improvements include additional maintenance requirements, the AGENCY, and the DEPARTMENT shall enter into an Agreement Amendment describing the additional requirements.

9. 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 document 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 the Agreement with regard to any additional landscape improvements installed by an adjacent owner.
- (d) If the Adjacent Property Owner's landscape improvements include additional maintenance requirements, the AGENCY, and the DEPARTMENT shall enter into an Agreement Amendment describing the additional requirements

10. PROJECT COST FOR DEPARTMENT INSTALLED PROJECT

The DEPARTMENT agrees to enter into a contract for the installation of the Project(s) for an amount not to exceed **\$125,572.00** as defined in Exhibit F. This amount may be reduced or eliminated at the sole discretion of the DEPARTMENT or due to budgetary constraints of the DEPARTMENT.

The DEPARTMENT'S participation in the Project cost, as described in Exhibit F, is limited to only those items which are directly related to these Project(s).

The AGENCY shall be invited to assist the DEPARTMENT in final inspection upon completion of the Plant Establishment and Contractor's Warranty Period.

11. AGREEMENT TERMINATION

This Agreement may be terminated under any one (1) of the following conditions:

- (a) By the DEPARTMENT, if the AGENCY fails to perform its duties under this Agreement, following ten (10) days written notice.
- (b) By the DEPARTMENT, for refusal by the AGENCY to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the AGENCY in conjunction with this Agreement.

12. 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 cancels one or all the project(s) described in Exhibit B this Agreement shall still be valid.

13. 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 this project shall agree to indemnify, defend, save and hold harmless the DEPARTMENT from all claims, demands, liabilities, and suits of any nature arising out of, because of or due to any intentional and/or negligent act or occurrence, omission or commission of such agents, consultants, sub-consultants, contractors and/or 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:
 - (a) 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 and shall name the DEPARTMENT as an additional insured.

- (b) 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.
- (c) 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) days notice of cancellation and or/ or restriction. If any of the insurance coverages 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.

14. E-VERIFY REQUIREMENTS

AGENCY shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;

- (1) Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Agency during the term of the contract; and
- (2) Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Agency term.

15. The DEPARTMENT, during any fiscal year, shall not expend money, incur any liability, nor enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The DEPARTMENT shall require a statement from the Comptroller of the DEPARTMENT that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the DEPARTMENT which are for an amount in excess of TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

16. DISPUTES

The DEPARTMENT'S District Secretary shall decide all 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; and his decision upon all claims, questions, and disputes shall be final and conclusive upon the parties hereto.

17. 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.

18. 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. The Agency agrees to waive forum and venue and that the Department shall determine the forum and venue in which any dispute under this agreement is decided.

19. EXCEPTION TO SUPERSEDED PRECEDING LANDSCAPE AGREEMENTS

This Agreement constitutes the complete and final expression of parties with respect to the subject matter hereof and supersedes all prior landscape agreements, understandings, or negotiations with respect thereto, with the exception of the landscape improvements plans and the associated Maintenance Plan Part II and the Agreements "Excepted Out" in Exhibit C.

20. 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: Elisabeth A. Hassett, R.L.A.
FDOT District IV Landscape Architect

If to the AGENCY:

City of Hollywood
2600 Hollywood Boulevard
Hollywood, Florida
Attention: Jonathan Vogt, P.E.
City Engineer

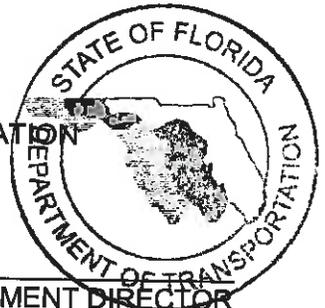
21. LIST OF EXHIBITS

- Exhibit A: Landscape Improvements Limits & Maintenance Boundaries List, Table and Graphic
- Exhibit B: Department and Permit Projects Pending Landscape Agreement(s)
- Exhibit C: Preceding Landscape Agreement Description(s) and Other Agreement Descriptions
- Exhibit D: Pending Department and Permit Projects Landscape Improvement Plans
- Exhibit E: Landscape Maintenance Plan
- Exhibit F: Pending Department Project(s) Cost Estimate
- Exhibit G: Agency Patterned Pavement Installation
- Exhibit H: Patterned Pavement Maintenance

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

CITY OF HOLLYWOOD

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION



By: *Peter Bober*
PETER BOBER, MAYOR

By: *Stephen Keller*
TRANSPORTATION DEVELOPMENT DIRECTOR

Attest: *Patricia A. Cerny* (SEAL)
PATRICIA A. CERNY, MMC
CITY CLERK

Attest: *Bryan Lewis* (SEAL)
EXECUTIVE SECRETARY

Approval as to Form

Approval as to Form

Jeffrey P. Sheffel
JEFFREY P. SHEFFEL, CITY ATTORNEY

Annice Wright
OFFICE OF GENERAL COUNSEL

2/22/13
DATE

2/26/13
DATE

APPROVED AS TO FORM AND LEGALITY
FOR THE USE AND RELIANCE OF THE
CITY OF HOLLYWOOD, FLORIDA, ONLY.

BY: *Jeffrey Sheffel*
CITY ATTORNEY

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT A

**CITY OF HOLLYWOOD
LANDSCAPE IMPROVEMENT LIMITS AND MAINTENANCE BOUNDARIES LIST**

All state rights of way within the limits of the City of Hollywood to be maintained are from:

SR A1A

Section 86030000

(SR 858/Hallandale Beach Blvd.) MP 0.79 to (Dania Beach Blvd.) MP 5.380 except;
(600' N. of SR 858/Hallandale Beach Blvd.) MP 0.90 to (100' N. of Diplomat Property) MP 1.220 which will continued
to be maintained under separate agreement

SR 5/US 1

Section 86010000

(SR 824/Pembroke Road) MP 1.526 to (SR 822/Sheridan Street) MP 4.156

SR 5/US 1

Section 86010500

(Young Circle/North Side) MP 0.000 to (Young Circle/South Side) 0.248

SR 7/US 441

Section 86100000

(SR 824/Pembroke Road) MP 1.56 to (515' North of Farragut St.) MP 4.34

SR 820/Hollywood Blvd

Section 86040000

(SR 91/Turnpike) MP 13.64 to (N/S 28th Ave.) MP 16.826 and;
(N/S 17th St/Young Circle) MP 18.394 to (SR A1A) MP 19.956

SR 820/Hollywood Blvd

Section 86040215

(Eastbound Hollywood Circle) MP 0.00 to (Westbound Hollywood Circle) MP 0.277

SR 824/Pembroke Road

Section 86018000

(SW/S 52nd Ave.) M.P. 3.28 to (SR 9/I-95) MP 5.059 which will continue to be maintained under separate agreement and
(West of I-95) M.P. 5.059 to (370' W. of S. 28th Ave./N.W. 10th Ave.) M.P. 5.22

SR 822/Sheridan Street

Section 86230000

(SR 7/US 441) MP 0.000 to (SR A1A) MP 5.792 and
(SW 19th Court) M.P. 5.45 to (SW 18th Ave/Oakwood Boulevard) M.P. 5.7

SR 848/Stirling Road

Section 86016000

(SR 7/US 441) MP 2.656 to (N. 30th Ave.) MP 5.130

SR 9/I-95

Section 86070000

SR 820/Hollywood Blvd Interchange

Northwest Quadrant (southbound off ramp) MP 0.00 to 0.251 and;
Northeast Quadrant (northbound on ramp) MP 0.00 to 0.204 and;
Southwest Quadrant (southbound on ramp) MP 0.00 to 0.166 and;
Southeast Quadrant (northbound off ramp) MP 0.00 to 0.264

SR 822/Sheridan Street Interchange

Northwest Quadrant (southbound off ramp) MP 0.00 to 0.212 and;
Northeast Quadrant (northbound on ramp) MP 0.00 to 0.209 and;
Southwest Quadrant (southbound on ramp) MP 0.00 to 0.216 and;
Southeast Quadrant (northbound off ramp) MP 0.00 to 0.258

SR 824/Pembroke Road Interchange:

Northwest Quadrant (southbound off ramp) MP 0.00 to 0.258 and;
Northeast Quadrant (northbound on ramp) MP 0.00 to 0.215

SR 848/Stirling Road Interchange

Southwest Quadrant (southbound on ramp) MP 0.00 to 0.211 and;
Southeast Quadrant (northbound off ramp) MP 0.00 to 0.254

Taft Street Limited Access, all quadrants MP 3.580 to 3.589

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT A

CITY OF HOLLYWOOD LANDSCAPE MAINTENANCE LIMITS TABLE
The following are State Road(s) to be maintained within the limits of the
City of Hollywood

STATE ROAD	BEGIN LIMITS	BEGIN MILEPOST	END LIMITS	END MILEPOST	MAINTENANCE LIMITS	
A1A	SR 858/Hallandale Bch. Blvd.	0.790	Dania Beach Blvd.	5.380	ROW to ROW	86030000
A1A EXCEPTION	600' N. of SR 858/Hallandale Beach Blvd.	0.900	100' N. of Diplomat Property	1.220	ROW to ROW	86030000
5/US 1	824/Pembroke Road	1.526	822/Sheridan Street	4.156	ROW to ROW	86010000
5/US 1	Young Circle North Side	0.000	Young Circle South Side	0.248	ROW to ROW	86010500
7/US 441	824/Pembroke Road	1.560	515' N. of Farragut Street	4.340	ROW to ROW	86100000
820/Hollywood Blvd	SR 91/Turnpike	13.640	N/S 28th Ave.	16.826	ROW to ROW	86040000
820/Hollywood Blvd	N/S 17th Ave. Young Circle	18.394	SR A1A	19.956	ROW to ROW	86040000
820/Hollywood Blvd	EB Hollywood Circle	0.000	WB Hollywood Circle	0.277	ROW to ROW	86040215
822/Sheridan Street	SR 7/ US 441	0.000	SR A1A	5.792	ROW to ROW	86230000
824/Pembroke Road EXCEPTION	SW/S 52nd Ave.	3.28	SR 9/I-95	5.059	ROW to ROW	86018000
824/Pembroke Road	(West of 1-95)	5.059	(370' W. of S. 28th Ave./N.W. 10th Ave.)	5.22	ROW to ROW	86018000
848/Stirling Road	SR 7/ US 441	2.656	N. 30th Ave.	5.130	ROW to ROW	86016000
848/Stirling Road	SW 19th Court	M.P. 5.45	S.W. 18th Ave./Oakwood Boulevard	5.7	ROW to ROW	86016000

9/1-95	820/Hollywood Blvd Interchange					
	NW Quadrant	0.000		0.251	Southbound off ramp	86070015
	NE Quadrant	0.000		0.204	Northbound on ramp	86070016
	SW Quadrant	0.000		0.166	Southbound on ramp	86070014
	SE Quadrant	0.000		0.264	Northbound off ramp	86070017
9/1-95	822/Sheridan Street Interchange					
	NW Quadrant	0.000		0.212	Southbound off ramp	86070019
	NE Quadrant	0.000		0.209	Northbound on ramp	86070020
	SW Quadrant	0.000		0.216	Southbound on ramp	86070018
	SE Quadrant	0.000		0.258	Northbound off ramp	86070021
9/1-95	824/Pembroke Road Interchange					
	NW Quadrant	0.000		0.258	Southbound off ramp	86070011
	NE Quadrant	0.000		0.215	Northbound on ramp	86070012
9/1-95	848/Stirling Road Interchange					
	SW Quadrant	0.000		0.211	Southbound on ramp	86070022
	SE Quadrant	0.000		0.254	Northbound off ramp	86070024
9/1-95	Taft St. Limited Access Easement	3.580		3.589	All quadrants	86070000

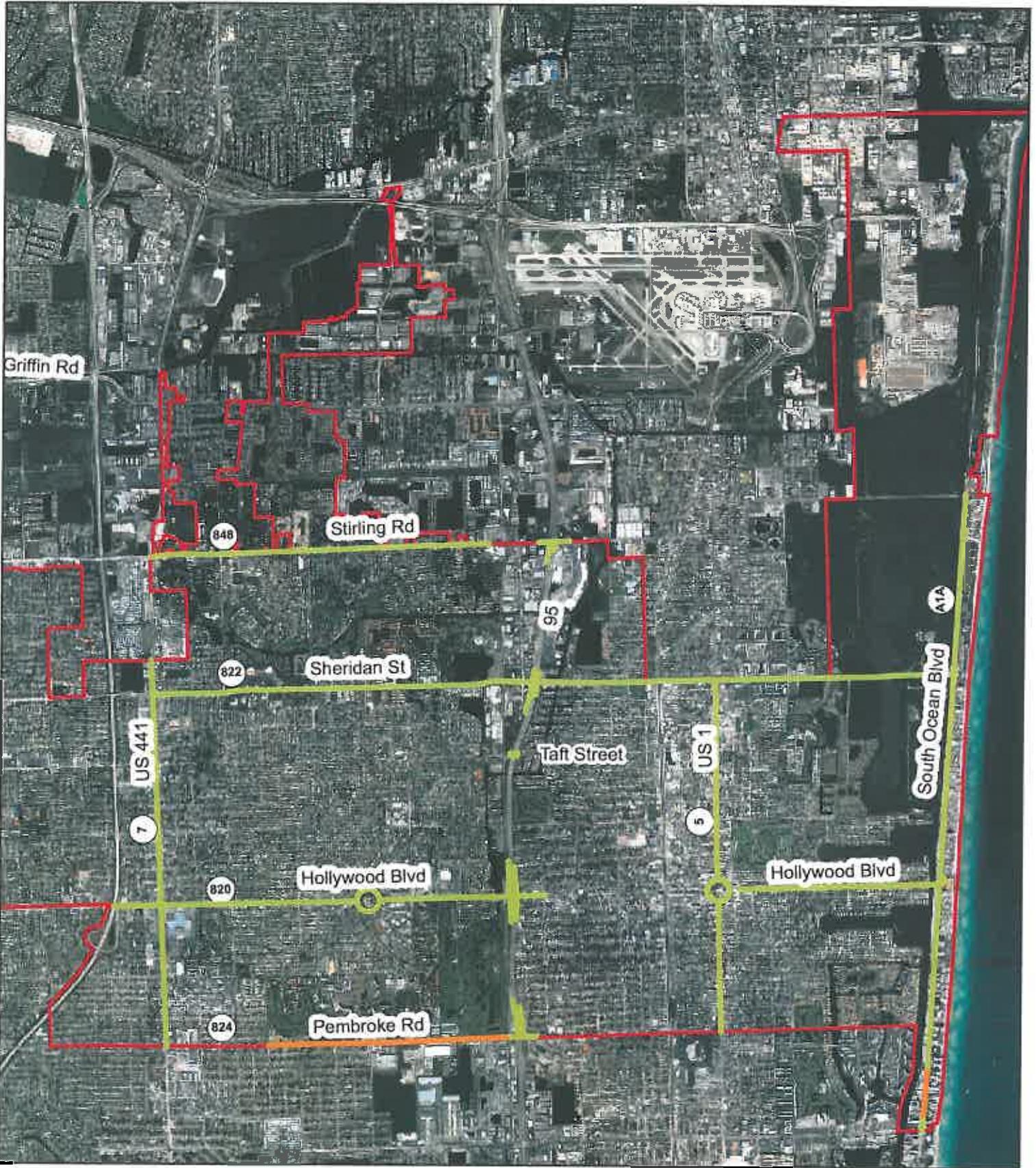
Areas to be maintained by the Agency pursuant to this Landscape Maintenance Memorandum of Agreement (MOA).

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT A

CITY OF HOLLYWOOD LANDSCAPE MAINTENANCE LIMITS GRAPHIC

***See Attached Graphic of State Road(s) to be maintained within the limits of the
City of Hollywood***



City of Hollywood

Inclusive Landscape Maintenance Memorandum of Agreement
 Maintenance Boundary Graphic

LEGEND

- ▭ Hollywood City Limits
- ▭ Inclusive Agreement
- ▭ Excepted Out



SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT B

DEPARTMENT AND PERMIT PROJECTS PENDING LANDSCAPE AGREEMENT(S)

DEPARTMENT PROJECTS:

State Road 9 (I-95) and State Road 824 (Pembroke Road) Interchange, northwest quadrant from M.P. 0.00 to M.P. 0.258 and northeast quadrant from M.P. 0.000 to M.P. 0.215

State Road 9 (I-95) and State Road 820 (Hollywood Boulevard) Interchange, northwest quadrant M.P. 0.00 to M.P. 0.251 and northeast quadrant M.P. 0.00 to M.P. 0.204 and southwest quadrant M.P. 0.00 to M.P. 0.166 and southeast quadrant M.P. 0.00 to M.P. 0.264

State Road 9 (I-95) and State Road 848 (Stirling Road) Interchange, southwest quadrant from M.P. 0.00 to M.P. 0.211 and southeast quadrant from M.P. 0.00 to M.P. 0.254

ADJACENT PROPERTY OWNER PERMIT:

SR A1A (North Ocean Drive) at Johnson Street (M.P. 2.980). Permit Number: 2011-A-491-0054.
Margaritaville Hollywood Beach Resort, LLC.

SR 5 (Federal Highway) at Young Circle (M.P. 2.50 - 2.60). Permit Number: 2011-A-491-0013.
Broward County Transit.

SR A1A (Ocean Drive) from New York Street (M.P. 2.793) to Sheridan Street (M.P. 4.089).
City of Hollywood CRA

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT C

PRECEDING LANDSCAPE AGREEMENT DESCRIPTION(S) AND OTHER AGREEMENT DESCRIPTIONS

The following Landscape agreements have been executed for projects that have been installed in accordance with the plans and specifications attached thereto and incorporated herein but not exclusive to the following agreement descriptions:

LANDSCAPE AGREEMENTS SUPERSEDED BY THIS AGREEMENT

State Road A1A

3/17/98 State Road A1A from Hollywood Blvd. (M.P. 2.480) to Sheridan Street (M.P. 4.092) \$590,000.00 for landscape, irrigation and hardscape. WPI# 4110805, Resolution No. R-98-09 (1/7/98).

11/20/96 State Road A1A from south City Limits (M.P. 0.776) to (M.P. 2.500) to SR 820 (Hollywood Blvd.) \$64,872.32 for landscape, irrigation and hardscape. WPI# 4119110, Contract No. AD 957, Resolution No. R-96-433 (10/2/96).

1/3/91 State Road A-1-A from south City Limits (M.P. 0.776) to SR 820 (Hollywood Blvd.) (M.P. 2.614) for landscape. WPI #4119110, Resolution No. R-91-01 (1/3/91).

State Road 5 (US 1)

9/30/08 State Road 5 (US 1) from north of Young Circle (M.P. 2.713) to south of Sheridan Street (M.P. 4.117) \$83,794.78 for landscape, irrigation and pavers. FM# 413794.1, Resolution No. R-2008-284 (9/17/08).

4/9/03 State Road 5 (US 1) from Pembroke Road (M.P. 1.597) to northern limits of Young Circle (M.P. 2.713) \$221,576.91 for landscape and irrigation. FM# 228034.1, Resolution No. 2003-119 (4/9/03).

4/11/96 State Road 5 (US 1) and SR 820 (Hollywood Blvd.) (M.P. 0.000) at Young Circle (M.P. 0.248) \$5,000.00 for landscape and irrigation WPI# 4111027, Resolution No. R-95-432 (10/11/95).

State Road 9 (I-95)

4/29/10 State Road 9 (I-95) Intersection at Taft Street all four corners (M.P. 3.580 to M.P. 3.589) for landscape. Permit No. 2009-L-491-0012.

5/6/98 State Road 9 (I-95) at SR 824 (Pembroke Road) (M.P. 1.521) and SR 822 (Sheridan Street) (M.P. 4.130) \$240,000.00 for landscape, irrigation and hardscape. WPI# 4140996, Contract No. AF 780, Resolution No. R-98-92 (3/4/98).

9/9/97 State Road 9 (I-95) and SR 820 (Hollywood Blvd.) (M.P. 2.3) to (M.P. 2.826) \$80,000.00 for landscape and irrigation. WPI# 4119110, Contract No. AF 081, Resolution No. R-97-334 (6/25/97).

7/1/96 State Road 9 (I-95) from east side from Pembroke Road (M.P. 1.521) to Hollywood Blvd. (M.P. 2.550) \$42,155.00, for landscape WPI# 4612012, Contract No. AD 673, Resolution No. R-96-72 (2/21/96).

State Road 820 (Hollywood Blvd.)

7/28/10 State Road 820 (Hollywood Blvd.) from east of 60th Avenue (M.P. 14.018) to 44th Avenue (M.P. 15.395) \$447,527.68 for landscape and irrigation. FM # 421659.2, Resolution No. R-2010-174 (7/14/10).

11/17/08 State Road 820 (Hollywood Blvd.) from Young circle (M.P. 18.394) to Intracoastal Waterway (M.P. 19.638) \$201,246.50 for landscape and irrigation. FM# 413835.1, Resolution No. R-2008-283 (11/5/08).

1/5/07 State Road 820 (Hollywood Blvd.) from N/S 44th Ave. (M.P. 15.241) to Calle Largo Road (M.P. 16.431) \$116,103.00 for landscape and irrigation. FM# 228160.1, Resolution No. 2006-432 (12/20/06).

2/2/05 State Road 820 (Hollywood Blvd.) at the Intracoastal Waterway from north and south 8th Ave. (M.P. 19.637) to SR A1A (M.P. 19.956), FM# 407507.1, Resolution R-2005-023 (2/2/05).

5/10/00 State Road 820 (Hollywood Blvd.) from west City Limits (M.P. 13.640) to SR 9 (I-95) (M.P. 16.583) \$374,307.00 for landscape, irrigation and hardscape. FM# 408437.1, Contract No. AI 477, Resolution No. R-2000-121 (4/5/00).

6/16/93 State Road 820 (Hollywood Blvd.) (M.P. 15.679) to (M.P. 16.876) Maintenance MOA Grant \$75,306.55 landscape maintained. WPI# 4610128, Resolution No. 93-219 (6/16/93).

6/16/93 State Road 820 (Hollywood Blvd.) (M.P. 15.679) to (M.P. 16.876) Highway Beautiful Grant MOA \$75,306.55 landscape installed. Resolution No. 93-219 (6/16/93).

State Road 822 (Sheridan Street)

11/25/08 State Road 822 (Sheridan Street) from east of SR 7 (US 441) (M.P. 0.02) to west of SR 9 (I-95) (M.P. 2.709) \$184,960.60 for landscape and irrigation. FM# 416883.1, Resolution No. R-2008-340 (11/5/08).

3/31/04 State Road 822 (Sheridan Street) from SR 5 (US 1) (M.P. 4.057) to the Intracoastal Waterway (M.P. 5.642) \$192,716.85 for landscape, irrigation and concrete pavers. FM# 227938.1, Resolution No. R-2004-85 (3/17/04).

7/10/92 State Road 822 (Sheridan Street) from 46th Ave. (M.P. 1.134) to SR 9 (I-95) (M.P. 2.715) \$175,437.00 for landscape. WPI# 4610104, Resolution No. R-92-12 (7/10/92).

7/17/91 State Road 822 (Sheridan Street) from east of SR 9 (I-95) (M.P. 2.771) to SR 5 (US 1) (M.P. 4.570) \$125,150.82 for landscape materials.

4/12/77 Amendment to 4/19/72 Agreement State Road 822 (Sheridan Street) from SW 56th Ave. (M.P. 0.503) to SR 9 (I-95) (M.P. 2.739) to maintain the entire landscape project including the irrigation system. Resolution No. R-77-36 (3/16/77).

4/19/72 State Road 822 (Sheridan Street) from SW 56th Ave. (M.P. 0.503) to SR 9 (I-95) (M.P. 2.739) to maintain the entire landscape project including the irrigation system. Resolution No. R-72-85 (4/19/72).

State Road 824 (Pembroke Road)

8/28/08 State Road 824 (Pembroke Road) from S.W. 52nd Avenue (M.P. 3.382) to SR 9 (I-95) (M.P. 5.059) \$108,211.00 for landscape. FM# 423266, Contract No. AP747, Resolution R-2007-141 (5/2/07).

3/3/98 State Road 824 (Pembroke Road) from SR 7 (US 441) (M.P. 2.528) to CSX Railroad (M.P. 5.007) \$300,000.00 for landscape & irrigation. WPI# 4111065, Resolution No. 97-522 (11/19/97).

State Road 848 (Stirling Road)

5/23/06 State Road 848 (Stirling Road) from east of US 441 (M.P. 2.728) to west of State Road 9 (I-95) (M.P. 5.00) \$189,670.00 for landscape and irrigation, FM# 411438.1, Resolution No. R-2006-135 (5/3/06).

10/8/01 State Road 848 (Stirling Road) from N 56th Ave. (M.P.3.160) to SR 9 (I-95) (M.P. 5.532) \$163,682.00 (Amendment to 3/26/98) for landscape. FM# 411416.1, Contract No. AK503, Resolution No. R-2001-032 (10/8/01).

3/26/98 State Road 848 (Stirling Road) at SR 9 (I-95) (M.P. 5.532) \$62,332.50 for landscape irrigation and hardscape. WPI# 4111147, Contract No. AF 730, Resolution No. R-9891 (3/4/98).

PERMIT PROJECTS PENDING LANDSCAPE AGREEMENTS

State Road A1A

9/11/12 State Road State Road A1A (North Ocean Drive) at Johnson Street (M.P. 2.980) for landscape. Permit #2012-L-491-0005 (Reference Permit Number: 2011-A-491-0054 issued to Margaritaville Hollywood Beach Resort, LLC), Agency Letter of Commitment to Maintain signed 9/11/12.

State Road 5 (US 1)

State Road 5 (Federal Highway/US 1) at Young Circle (M.P. 2.50-2.60) Permit No. 2011-A-491-0013 issued to Broward County Transit. Agency Letter of Commitment to Maintain signed November 21, 2012.

FUTURE PROJECTS PENDING AGREEMENTS

State Road 7 (US 441)

State Road 7 (US 441) from State Road 858 (Hallandale Beach Blvd.) (M.P. 1.701) to Fillmore Street (M.P. 2.841) FM # 227774.1. Letting Date: 10/30/13

State Road 7 (US 441) From north of Fillmore Street (M.P. 2.841) to south of State Road 848 (Stirling Road) (M.P. 4.340) FM # 227775.1. Letting Date: 4/29/15

LANDSCAPE AGREEMENTS EXCEPTED OUT OF THIS AGREEMENT

11/17/00 State Road A1A from 600' north of Hallandale Beach Blvd. (M.P. 0.787) to just north of the Diplomat Resort Property Line (M.P. 1.200) All pavers, sidewalks and curbs associated with paver bricks, roadway asphalt and base, drainage systems and drainage conveyance within the Departments right-of-way, Project No. 86050.

10/27/00 State Road 824 (Pembroke Road) from SR 7 (US 441) (M.P. 2.528) to SR 9 (I-95) (M.P. 5.059) For landscape and pavers. FM# 409822.1 Contract No. AJ356, Resolution No. R-97-522 (11/19/97). Reimbursable Agreement.

LEASE AGREEMENT EXCEPTED OUT OF THIS AGREEMENT

5/3/94 State Road A1A. Lease agreement for Airspace

This Agreement, pursuant to paragraph number 5, shall supersede all other above agreements except as to the actual landscape plans and project cost that have not been replanted by subsequent FDOT approved projects and those that are "excepted out". The terms of this agreement shall apply to those landscape plans.

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT D

PENDING DEPARTMENT AND PERMIT PROJECT LANDSCAPE IMPROVEMENT PLANS

Please see attached plans by:

Department Projects Plans

State Road 9 (I-95) at Pembroke Road
State Road Reynolds, Smith and Hills, Inc.
Ronald R. Sill, RLA

Dated: 10/15/12

State Road 9 (I-95) at Hollywood Boulevard
State Road Reynolds, Smith and Hills, Inc.
Ronald R. Sill, RLA

Dated: 10/15/12

State Road 9 (I-95) at Stirling Road
State Road Reynolds, Smith and Hills, Inc.
Ronald R. Sill, RLA

Dated: 10/15/12

Permit Projects Plans

State Road A1A
Lifescapes International
Dan Trust, RLA

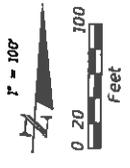
Dated: 10/17/11

State Road 5
Architectural Alliance
Hugh Johnson, RLA

Dated: 11/12/12

State Road A1A
Kimley Horn
Jonathan Haigh, RLA

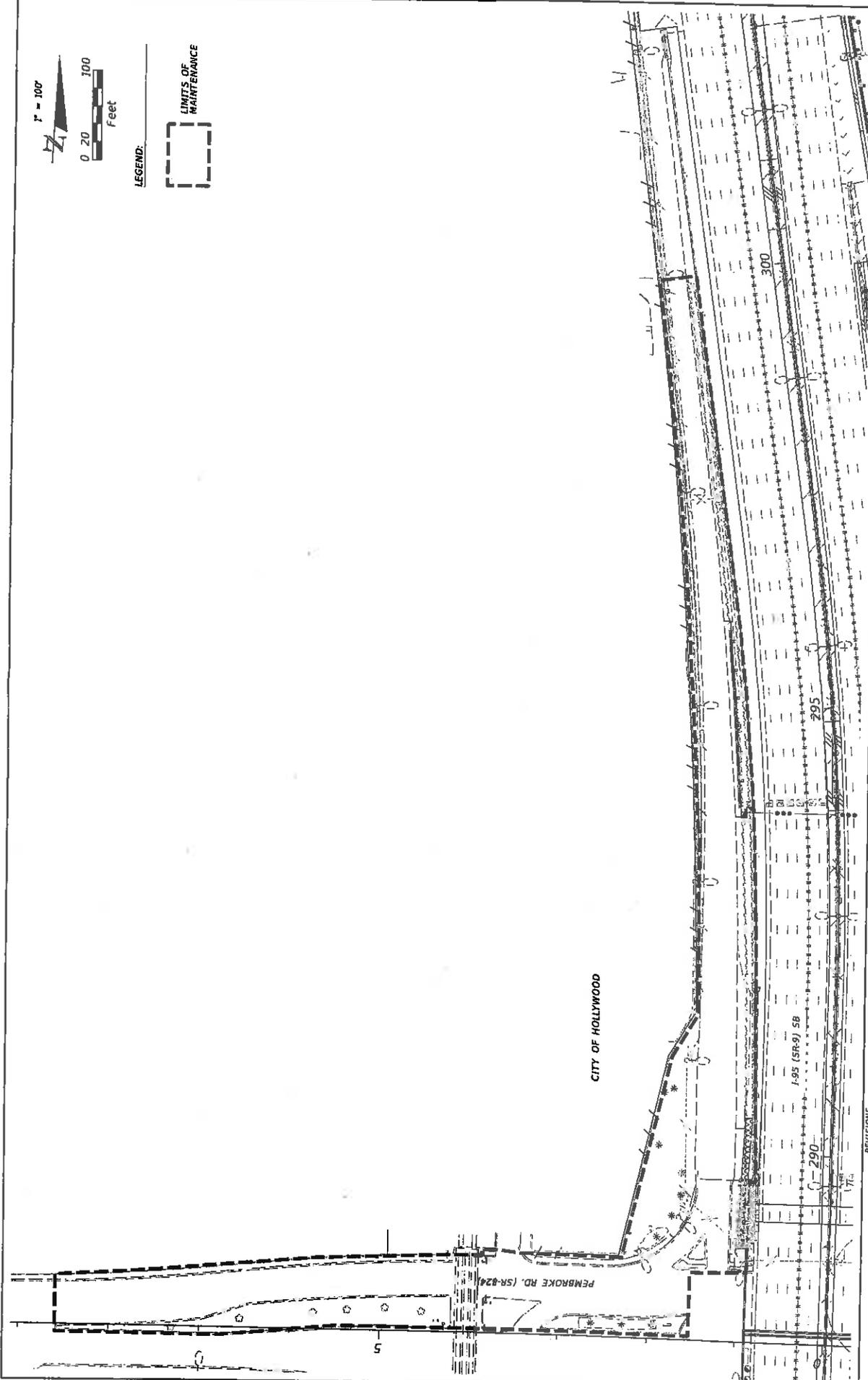
Dated: 1/23/13



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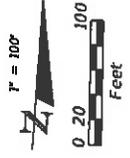
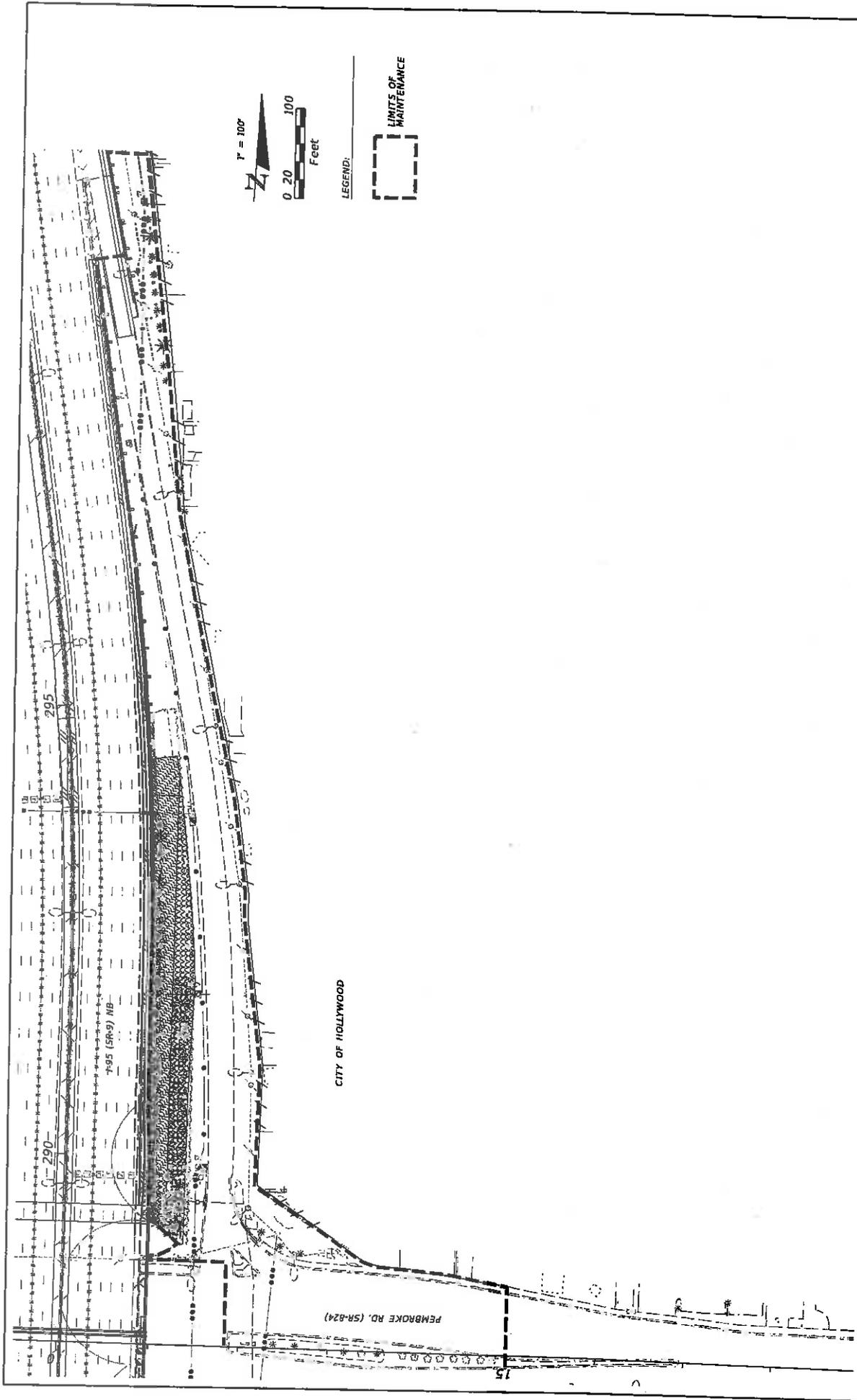


LIMITS OF MAINTENANCE



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RS&H Reynolds, Smith and Hills, Inc. <small>1001 N. Commercial Blvd., Suite 100 Fort Lauderdale, Florida 33304 Phone: 305-457-1000 Telex: 530000 RSH Registered in U.S.A. No. 1827</small>		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 9 COUNTY BROWARD MIAMI-DADE	FINANCIAL PROJECT ID 422796-1-52-01 422796-2-52-01
MAINTANENCE AGREEMENT EXHIBIT		SHEET NO. 104-A	104-A



LEGEND:



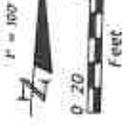
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RSH
 Reynolds, Smith and Hills, Inc.
 1205 N. Commercial Blvd., Suite 120
 Fort Lauderdale, Florida 33304
 Phone: (305) 551-1100
 Telex: 511111 RSH

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
SR 9	BROWARD	422796-1-52-01	
	MIAMI-DADE	422796-2-52-01	

**MAINTANENCE
 AGREEMENT EXHIBIT**

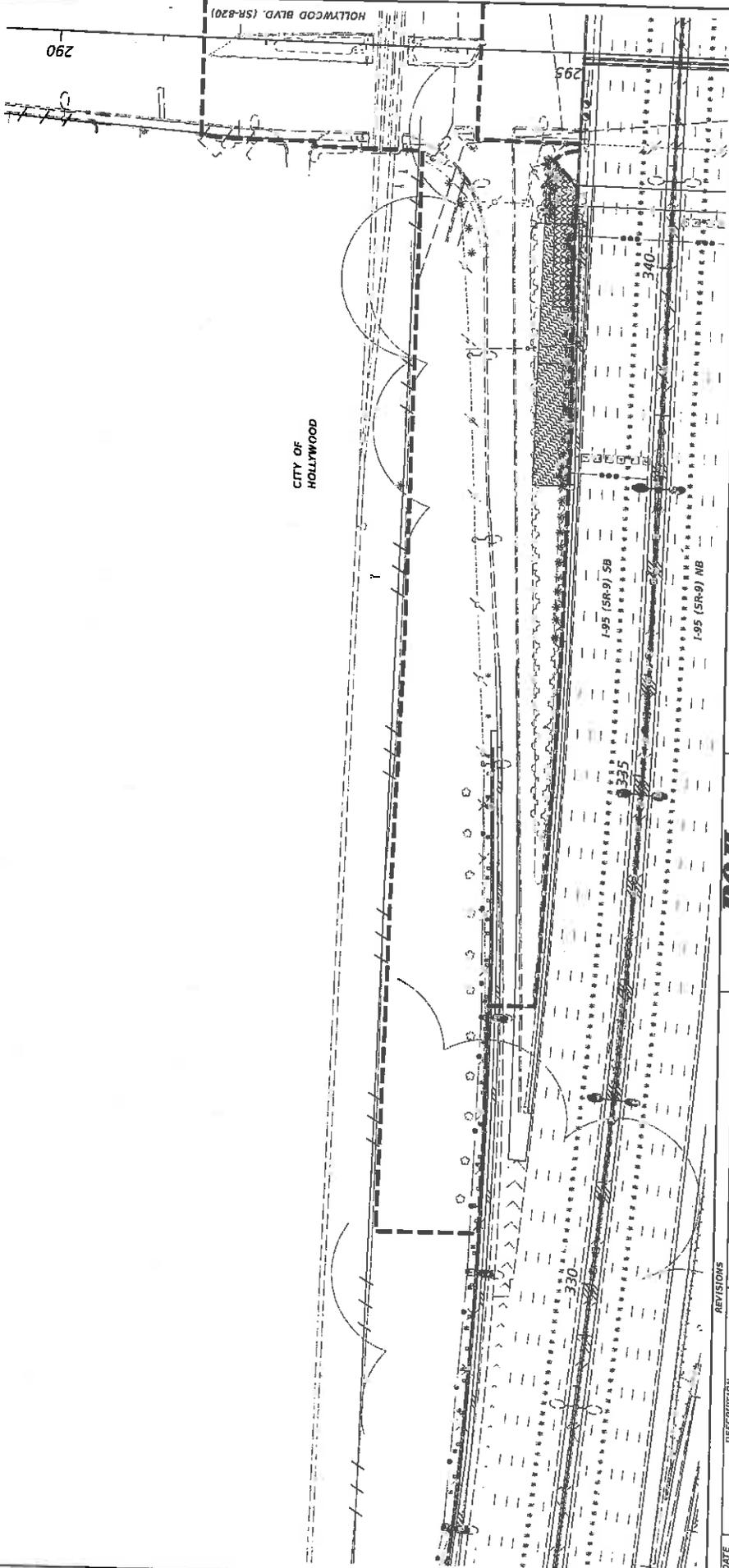
SHEET NO.
104-B



LEGEND:



LIMITS OF MAINTENANCE



CITY OF HOLLYWOOD

HOLLYWOOD BLVD. (SR-820)

DATE	DESCRIPTION	DATE	DESCRIPTION

RS&H
 Reynolds Smith and Hills, Inc.
 180 W. Commercial Ave., Suite 200
 Fort Lauderdale, Florida 33304
 Outside of Metropolitan Area
 Permit No. 12-11-10-107

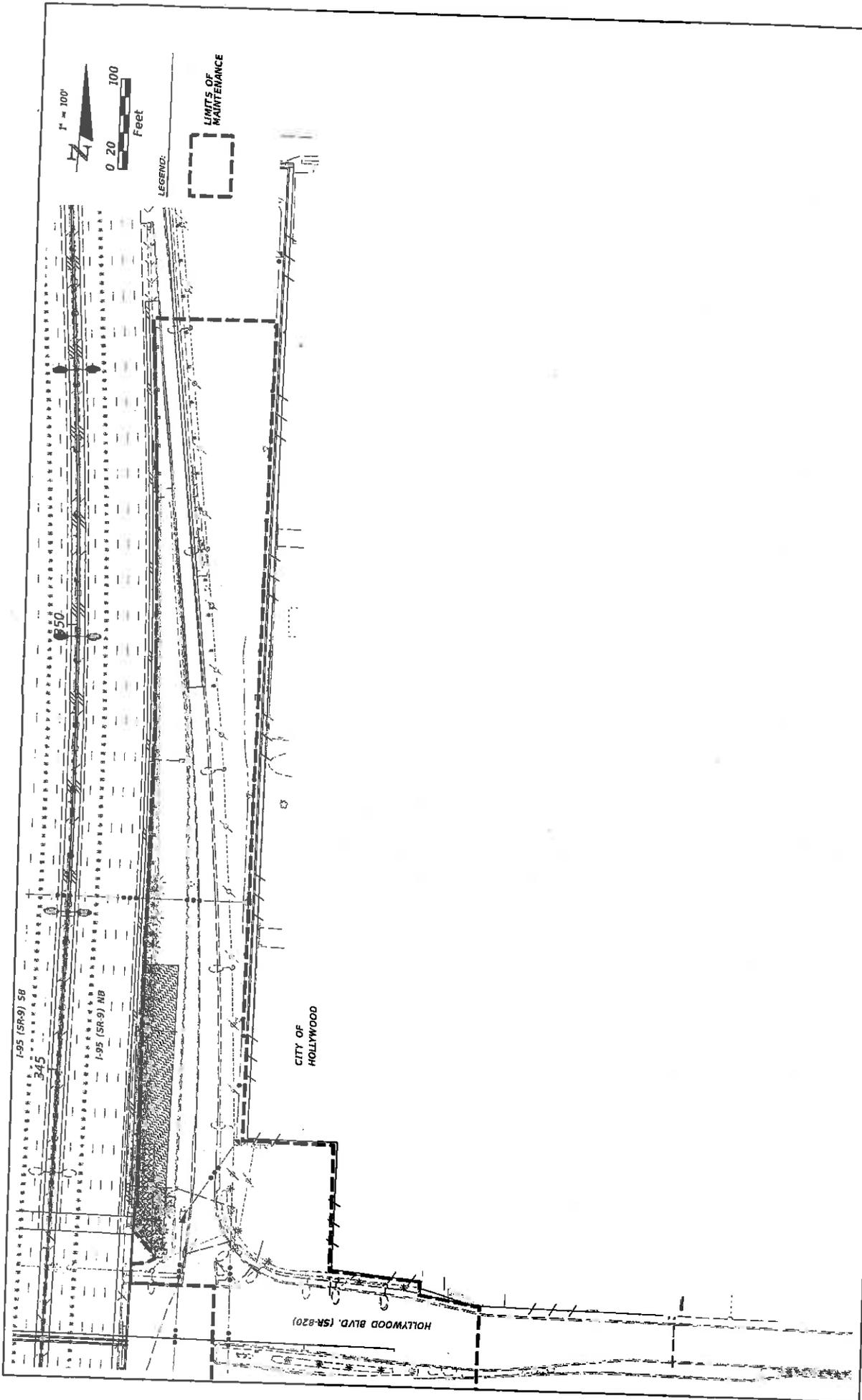
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. SR 9
 COUNTY BROWARD
 MIAMI-DADE
 FINANCIAL PROJECT ID 422796-1-52-01
 422796-2-52-01

MAINTENANCE AGREEMENT EXHIBIT

SHEET NO.

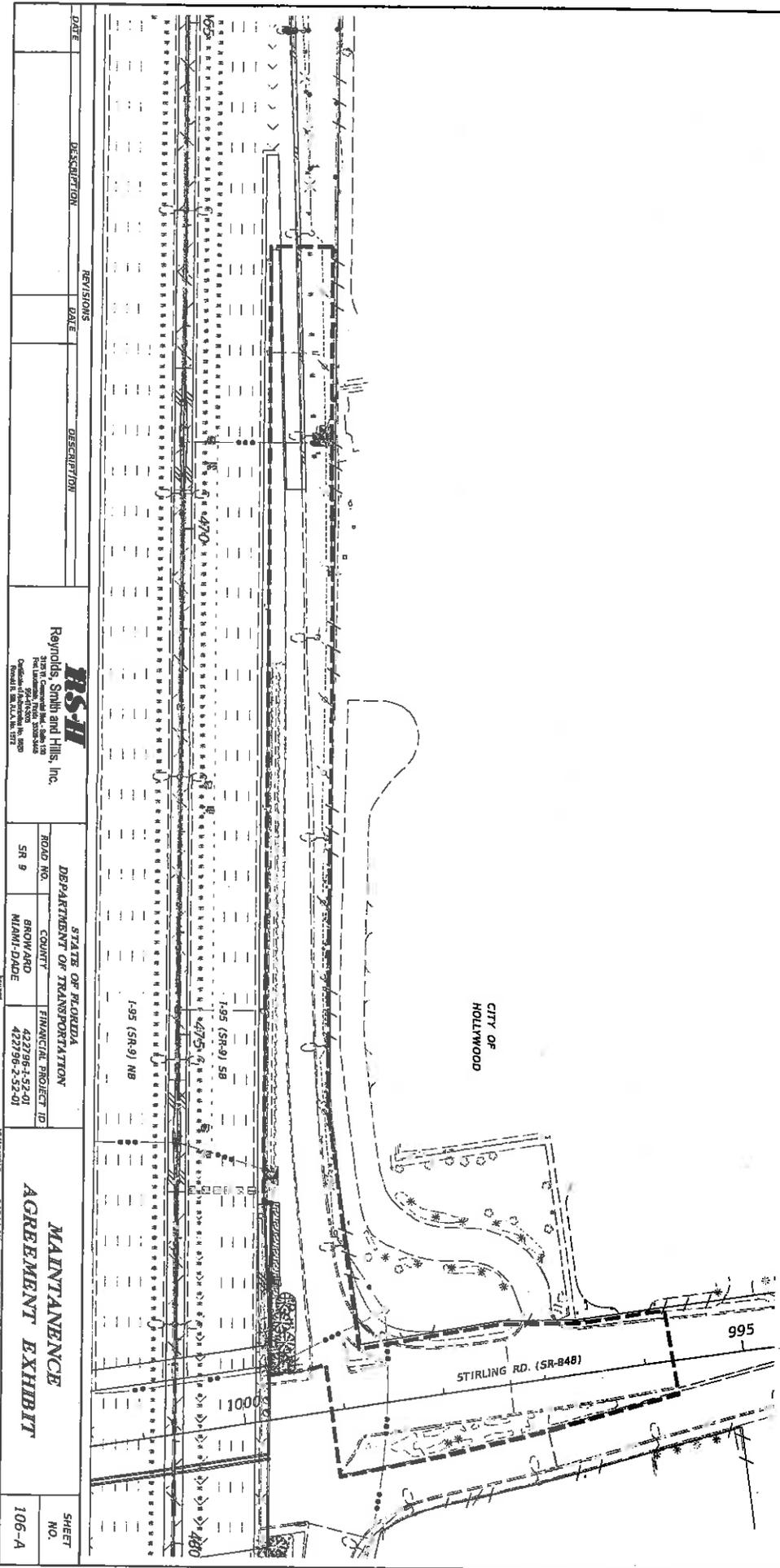
105-A

10/17/2012 3:25:14 PM R:\422796\1201\Drawings\105-A.DWG



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RS&H Reynolds, Smith and Hills, Inc. <small>100 N. Commercial Ave., Suite 120 Coral Gables, Florida 33134 Telephone: 305-441-2000, 305-441-3446 Telex: 511000, 511001 Registered in U.S.A. since 1927</small>		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 9 COUNTY BROWARD MIAMI-DADE	FINANCIAL PROJECT ID 422796-1-52-01 422796-2-52-01
10/17/2012 8:15:08 PM 105-C		MAINTENANCE AGREEMENT EXHIBIT	



1" = 100'

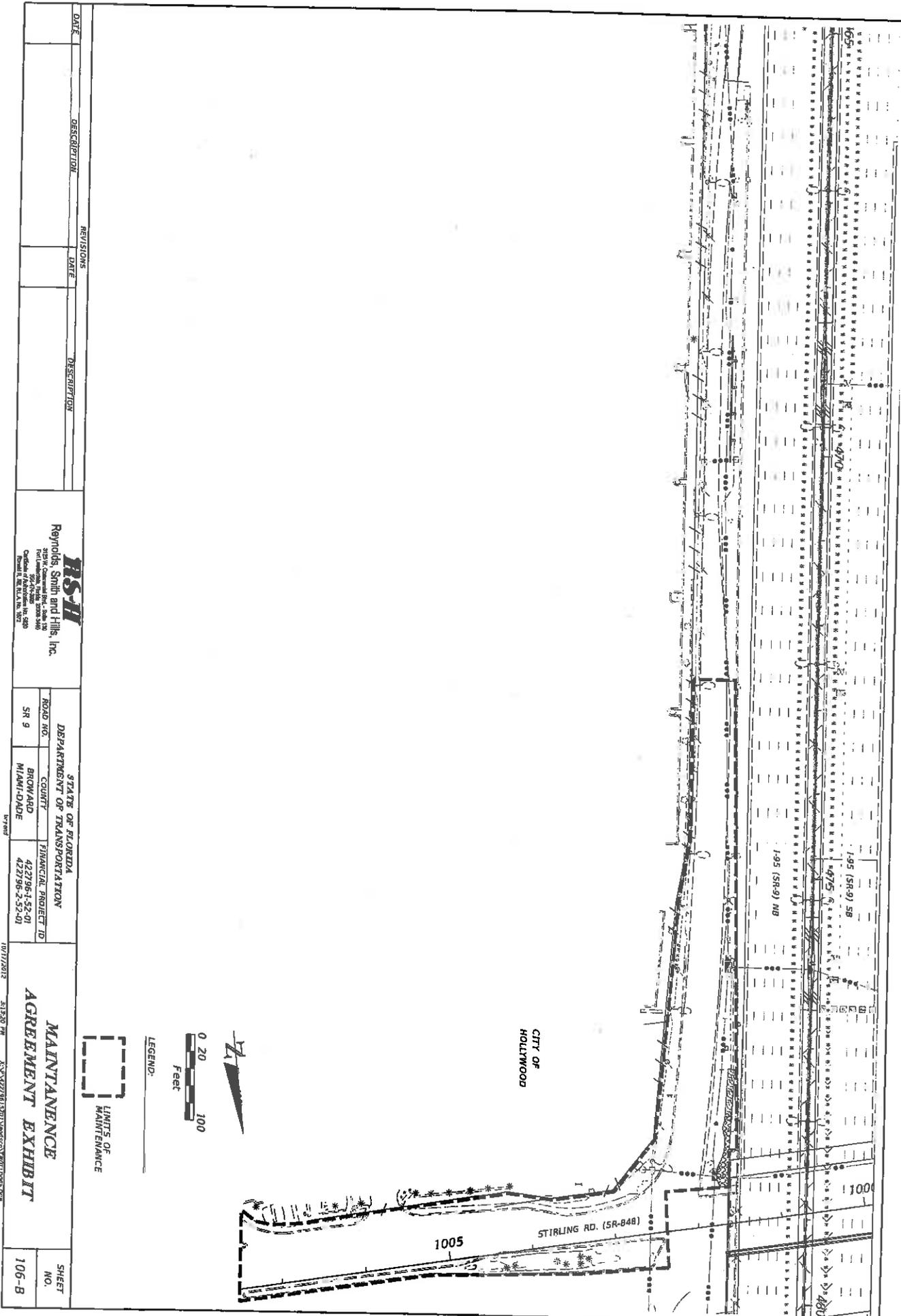
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LEGEND:

--- LIMITS OF MAINTENANCE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RS-11 Reynolds, Smith and Hills, Inc. 3915 E. University Blvd., Suite 200 Fort Lauderdale, Florida 33308-3448 Certified Professional Engineer License No. 12476 Renewal 12/31/18		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 9 COUNTY BROWARD FINANCIAL PROJECT ID 422798-1-92-01 422798-1-92-01
MAINTENANCE AGREEMENT EXHIBIT 10/17/2012 3:13:14 PM 25-V-022798-1-92-01\AMERICAN\PORT\DESIGN		SHEET NO. 106-A



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

		Reynolds, Smith and Hills, Inc. <small>3125 W. Commercial Blvd., Suite 110 Fort Lauderdale, Florida 33309 Phone: (305) 477-7700 Fax: (305) 477-7701 E-mail: RS&H@RS&H.COM</small>	
DEPARTMENT OF TRANSPORTATION ROAD NO. SR 9		STATE OF FLORIDA COUNTY BROWARD FINANCIAL PROJECT ID 422796-1-52-01 421750-2-52-01	
MAINTENANCE AGREEMENT EXHIBIT		SHEET NO. 106-B	

10/17/2012 3:32:00 PM J:\V227961201\MAINTAGP\106106B.dwg

POTTERY SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	TYPICAL NO.	MATERIAL	COLOR	FINISH	SIZE	QTY	SUPPLIER
POT-01	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-02	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-03	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-04	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-05	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-06	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-07	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-08	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-09	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-10	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-11	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
POT-12	CUSTOM 24" DIA POT	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233

NOTES:
 1. CONTRACTOR SHALL VERIFY ALL POTTERY QUANTITIES PRIOR TO PROCUREMENT AND INSTALLATION.
 2. ALL POTTS TO BE 24" DIA. UNLESS OTHERWISE SPECIFIED.
 3. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND DATE DELIVERY TO WORKSITE FACILITY, TO VERIFY MANUFACTURER, DESIGN, COLOR, FINISH, TYPE, TO MANUFACTURER.
 4. ALL POTTERY TO BE MANUFACTURED WITH LEAD-FREE GLAZES.
 5. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND DATE DELIVERY TO WORKSITE FACILITY, TO VERIFY MANUFACTURER, DESIGN, COLOR, FINISH, TYPE, TO MANUFACTURER.
 6. ALL POTTERY TO BE MANUFACTURED WITH LEAD-FREE GLAZES.

SITE AMENITY SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	TYPICAL NO.	MATERIAL	COLOR	FINISH	SIZE	QTY	SUPPLIER
BACK-01	BACKLASH	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
TRUSS-01	TRUSS	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
SHOWER-01	SHOWER	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
BLAZE-01	BLAZE	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233
LAMP-01	LAMP	BRUCE WARD, INC.	24" DIA POT	GLASS	TRANSPARENT	NATURAL	24" DIA. X 4" HT.	100	BRUCE WARD, INC. 1000 W. 10TH ST. MILWAUKEE, WI 53233

NOTES:
 1. CONTRACTOR SHALL VERIFY ALL POTTERY QUANTITIES PRIOR TO PROCUREMENT AND INSTALLATION.
 2. ALL POTTS TO BE 24" DIA. UNLESS OTHERWISE SPECIFIED.
 3. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND DATE DELIVERY TO WORKSITE FACILITY, TO VERIFY MANUFACTURER, DESIGN, COLOR, FINISH, TYPE, TO MANUFACTURER.
 4. ALL POTTERY TO BE MANUFACTURED WITH LEAD-FREE GLAZES.
 5. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND DATE DELIVERY TO WORKSITE FACILITY, TO VERIFY MANUFACTURER, DESIGN, COLOR, FINISH, TYPE, TO MANUFACTURER.
 6. ALL POTTERY TO BE MANUFACTURED WITH LEAD-FREE GLAZES.



LANDSCAPE ARCHITECTURE, INC.
 1000 W. 10TH ST.
 MILWAUKEE, WI 53233
 TEL: 414.224.1111
 FAX: 414.224.1112
 WWW.LANDSCAPEARCHITECTURE.COM

PROJECT DESIGN TEAM
 ARCHITECT: [FIRM NAME]
 LANDSCAPE ARCHITECT: [FIRM NAME]
 CIVIL ENGINEER: [FIRM NAME]



SCALE FOR THE CONSTRUCTION
 DATE: 11/20/2011
 DRAWING NO.: 11-001

NO.	DATE	REVISION

SHEET TITLE
 LANDSCAPE POTTERY & SITE AMENITY SCHEDULE

KEY MAP

DATE: 11/20/2011
SCALE: AS NOTED
DESIGNED BY: [NAME]
CHECKED BY: [NAME]

PROJECT NO.: [NUMBER]
L.O.04



L&P Landscape Architecture, Inc.
 1000 Corporate Center
 Suite 1000
 Fort Lauderdale, Florida 33304
 Phone: (305) 463-1111
 Fax: (305) 463-1112

PROJECT DESIGN TEAM:
 ARCHITECTS: L&P ARCHITECTS
 LANDSCAPE ARCHITECTS: L&P LANDSCAPE ARCHITECTS
 CIVIL ENGINEER: L&P CIVIL ENGINEERS
 ELECTRICAL ENGINEER: L&P ELECTRICAL ENGINEERS
 MECHANICAL ENGINEER: L&P MECHANICAL ENGINEERS
 STRUCTURAL ENGINEER: L&P STRUCTURAL ENGINEERS
 CONSTRUCTION MANAGER: L&P CONSTRUCTION MANAGER

OWNER: MANORVILLE BOLLWOOD
 3001 S. OCEAN BLVD.
 HOLLYWOOD, FLORIDA 33019



SCALE:
 1" = 10'

**RELATED TO: TPA CONSTRUCTION
 DATED: 1/19/91**

REVISIONS:
 No. DATE DESCRIPTION

**DATE: 1/19/91
 DRAWN BY: J. BROWN
 CHECKED BY: J. BROWN
 APPROVED BY: J. BROWN**

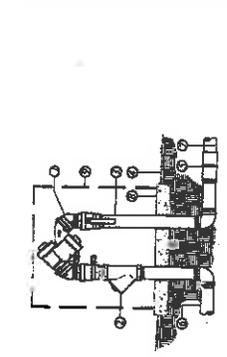
PROJECT NO.: 1000

KEY MAP:

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 CHECKED BY: J. BROWN
 APPROVED BY: J. BROWN**

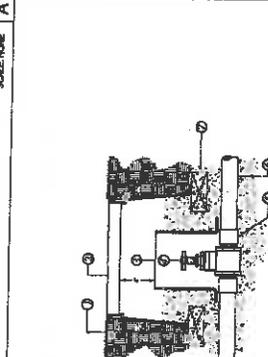
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L1001



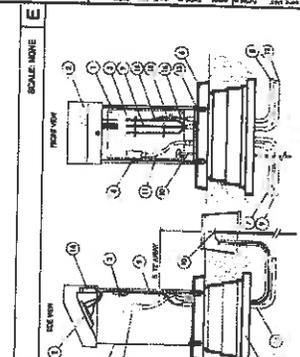
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BACKFLOW VALVE



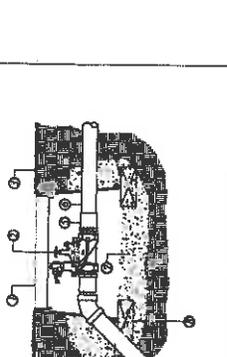
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MAXON VALVE



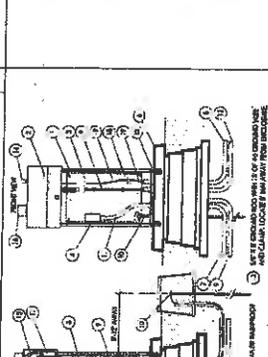
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FLOW BENDER



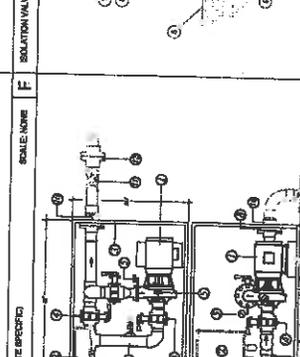
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QUICK COUPLING VALVE



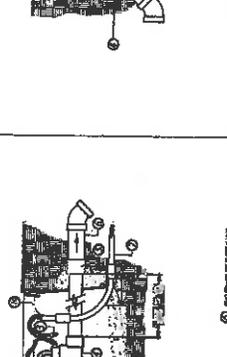
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BACKFLOW VALVE



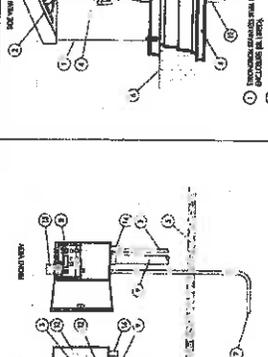
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CONTROLLER (CONTROLLER X - SITE SPECIFIC)



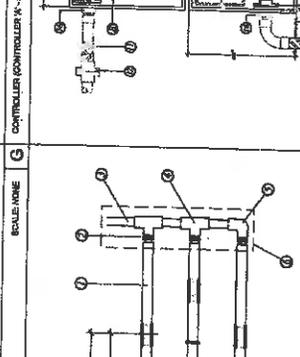
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CONTROLLER (CONTROLLER Y - FOOT ENTRY)



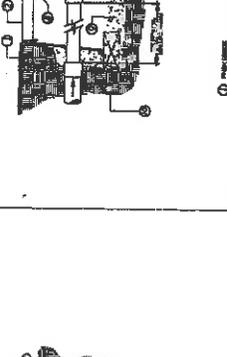
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CONTROLLER (CONTROLLER Z - BOAT ENTRY)



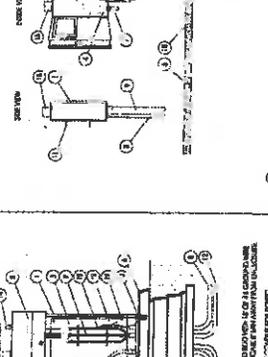
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CONTROLLER (CONTROLLER V - BOAT ENTRY)



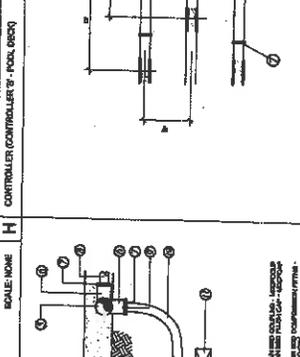
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CONTROLLER (CONTROLLER W - GATE ENTRY)



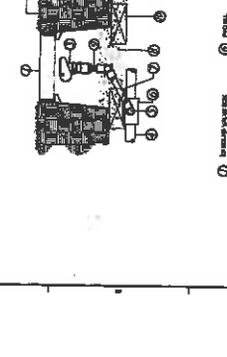
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CONTROLLER (CONTROLLER X - GATE ENTRY)



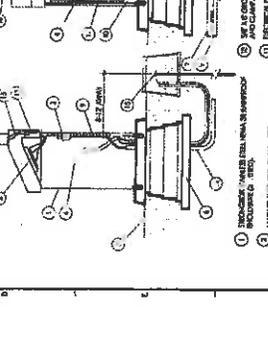
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CONTROLLER (CONTROLLER Y - GATE ENTRY)



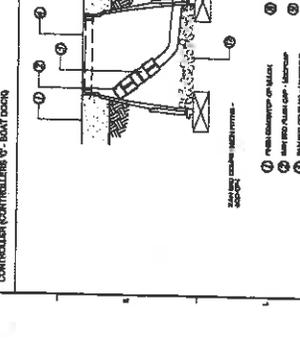
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CONTROLLER (CONTROLLER Z - GATE ENTRY)



- SCALE: NONE**
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CONTROLLER (CONTROLLER A - GATE ENTRY)



- SCALE: NONE**
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CONTROLLER (CONTROLLER B - GATE ENTRY)

PROJECT NO.: 1000



Landscape International, Inc.
 10000 E. 15th Avenue, Suite 100
 Denver, Colorado 80232
 (303) 751-1100
 www.landscapeintl.com

DESIGN TEAM:
 ARCHITECTS
 ARCHITECTS
 LANDSCAPE ARCHITECTS
 CIVIL ENGINEERS
 ELECTRICAL ENGINEERS
 MECHANICAL ENGINEERS
 PLUMBING ENGINEERS
 STRUCTURAL ENGINEERS
 SURVEYORS
 TRANSPORTATION ENGINEERS

CLIENT: HARRISON & HAYWOOD
 8001 N. COCKER DRIVE
 FULTON, MISSOURI 64501



PROJECT: THE COMPLETION
 DATE: 11/15/11

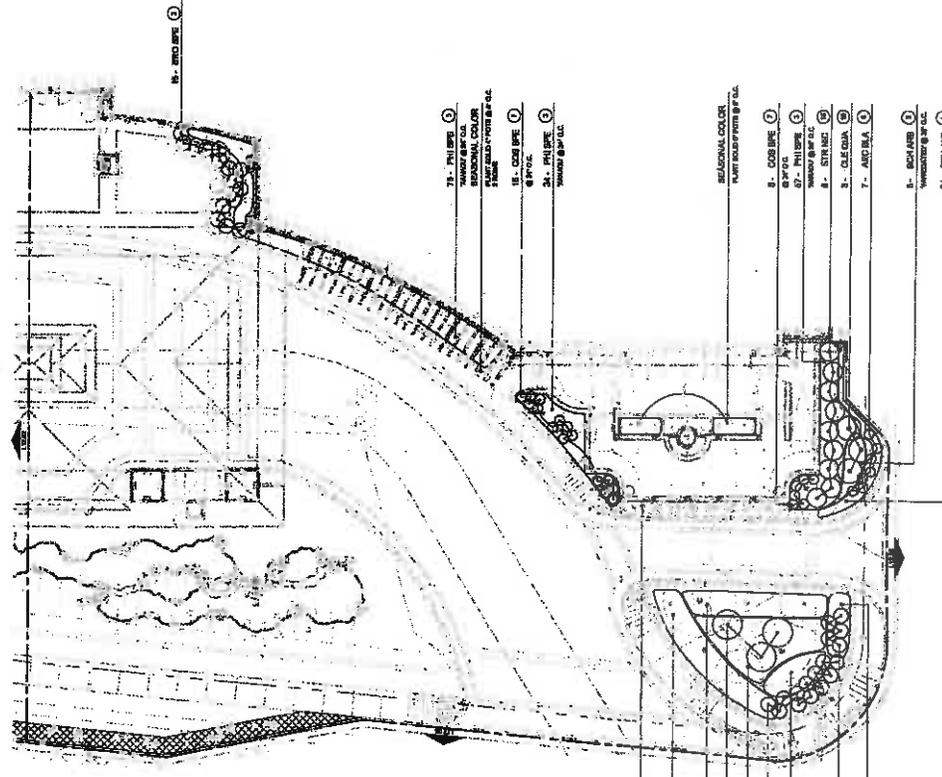
NO. DATE REVISIONS

INSET TITLE: LANDSCAPE LEVEL 01
 PLANTING PLAN - SHRUBS



DATE: 11/15/11
SCALE: 1" = 10'-0"
DRAWN BY: J.M.
CHECKED BY: J.M.

PROJECT NO.: L12.03



- 01 - LIT BBS (1) 10' x 10' x 10'
- 02 - DUB BBS (1) 10' x 10' x 10'
- 03 - DUB BBS (1) 10' x 10' x 10'
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- 100 - DUB BBS (1) 10' x 10' x 10'

SHORT VISIBILITY LEGEND

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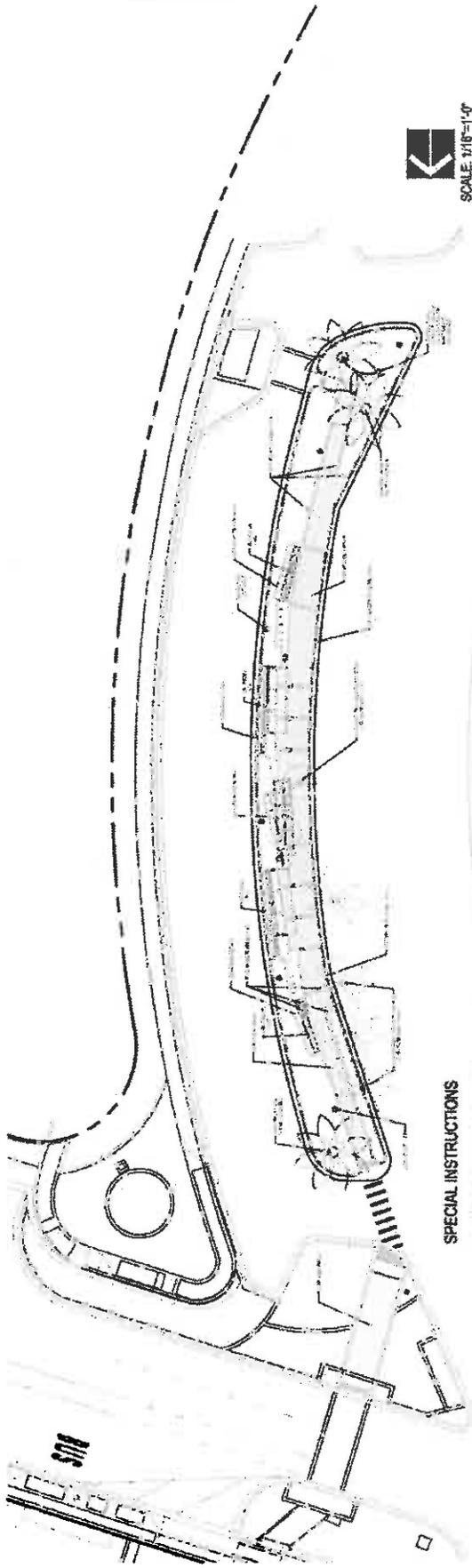
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SYMBOL	SYMBOL NAME	SYMBOL DESCRIPTION	SYMBOL CODE	SYMBOL QUANTITY	SYMBOL UNIT	SYMBOL TOTAL
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02	DUB BBS	10' x 10' x 10'	02	1	1	1
03	DUB BBS	10' x 10' x 10'	03	1	1	1
04	DUB BBS	10' x 10' x 10'	04	1	1	1
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NOTES:
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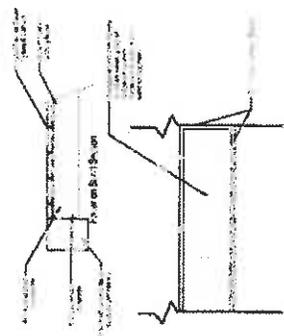


SCALE: 1/16"=1'-0"

SPECIAL INSTRUCTIONS

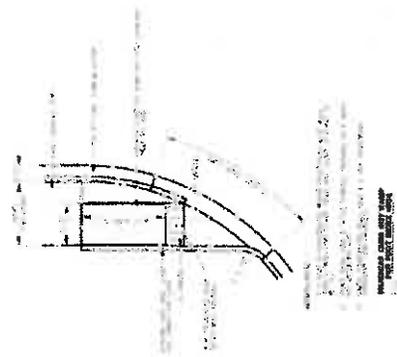
Detail for the detectable dome shelter.
Elevation: 1/8"=1'-0" and 1/4"=1'-0"
DATE: 08/11/08

TRUNCATED DOME'S SHALL BE COATED WITH
PAVING THEN PAVED. WALLS ARE A FINISH
AND SHALL BE PAINTED. ALL CURB WALLS
WALLS ARE TO BE COMPLETED.



LC-1A PAVES DETAIL

4/18



LC-1B DETECTABLE DOME DETAIL

4/18

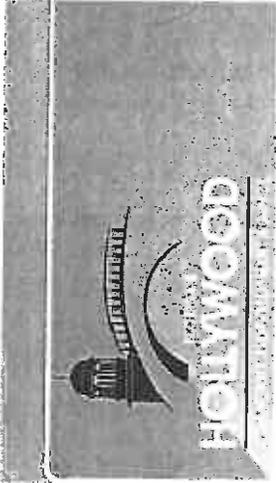


LC-1C PLANTER SECTION

4/18

CALL 2 WORKING DAYS BEFORE YOU GO ITS THE LAW DIAL 811

OCEAN DRIVE / S.R. A1A MEDIAN BEAUTIFICATION FOR CITY OF HOLLYWOOD CRA



COMMUNITY REDEVELOPMENT AGENCY (CRA)

BOARD MEMBERS

JANUARY 2013

- Chairman: Peter Butler
- Board Member: Patricia Goff
- Board Member: Peter D. Hernandez
- Board Member: Tracy L. Collins
- Board Member: Richard Blattner
- Board Member: Kevin D. Biederman
- Board Member: Linda Greenwald
- Executive Director: Design Company, LLC

PERMITS:
CITY OF HOLLYWOOD, ROOM 308
HOLLYWOOD BOULEVARD
ATTR. MOSHE ANJAN, PROJECT MANAGER
PHONE (850) 961-3900

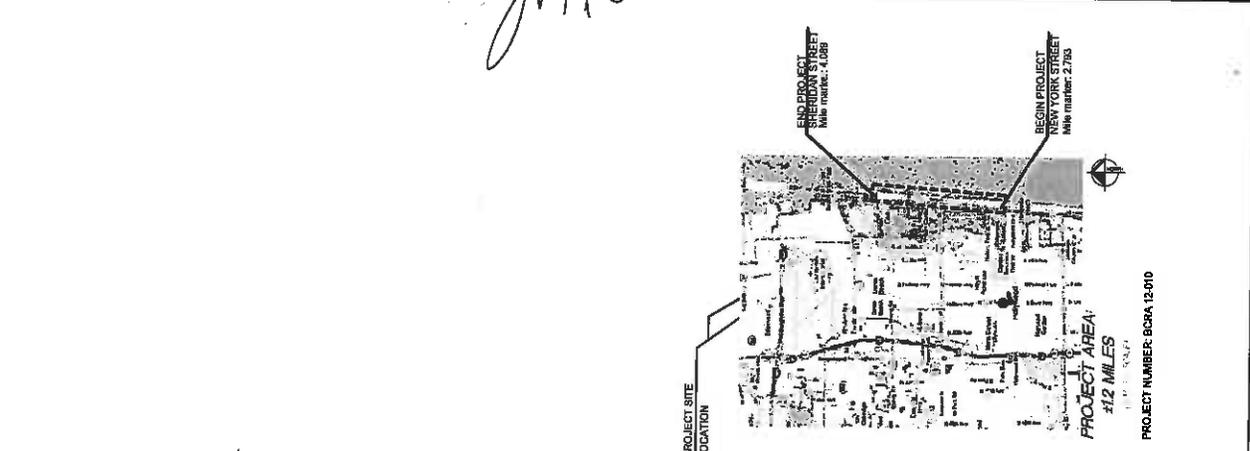
Kimley-Horn and Associates, Inc.
© 2013 KIMLEY-HORN AND ASSOCIATES, INC.
KIMLEY-HORN AND ASSOCIATES, INC.
SUITE 200
1820 MERRIVA WAY
WEST PALM BEACH, FLORIDA 33411
CERTIFICATE OF REGISTRATION NO. 088
PHONE (888) 945-0885

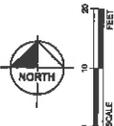
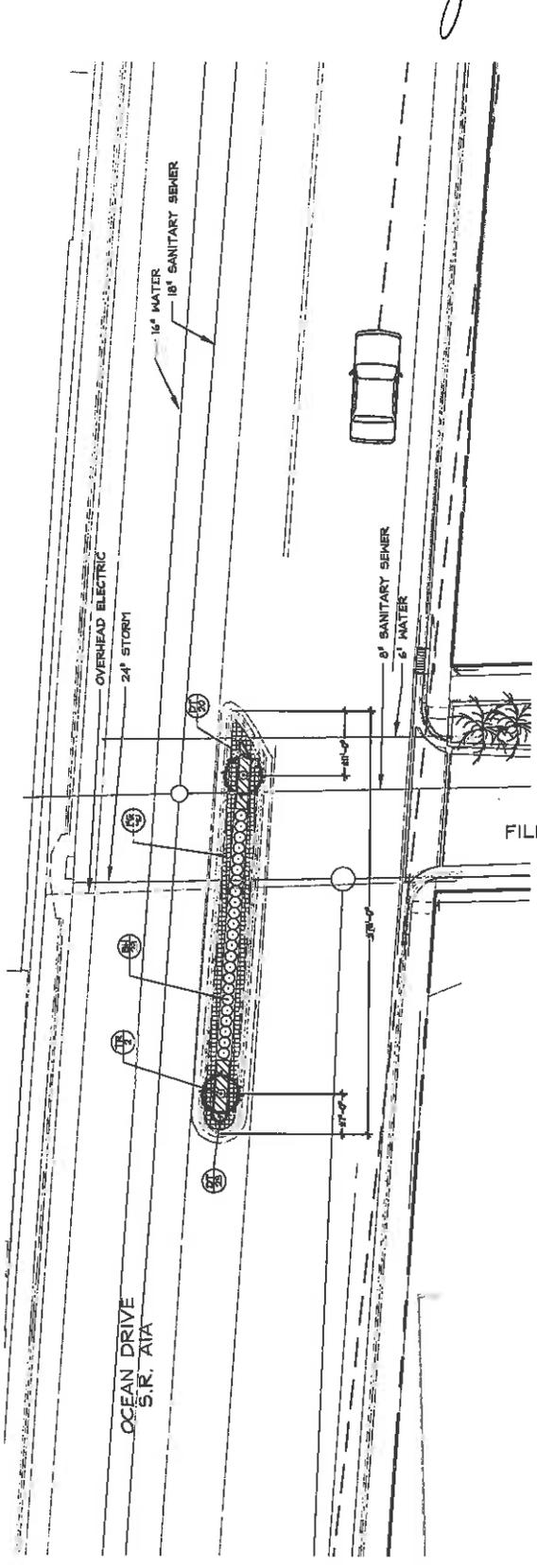
L.A. OF RECORD: JONATHAN D. HARG
L.A. NO.: #LA 0663706

LANDSCAPE SHEET SCHEDULE	
LO-01	OVERALL PLAN AND NOTES
LO-01-L-01	PLANTING PLANS
LO-01-L-02	PLANTING DETAILS
LO-01-L-03	PLANTING SPECIFICATIONS
LO-01-L-04	IRRIGATION PLANS
LO-01-L-05	IRRIGATION SPECIFICATIONS

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

DATE: 12/21/13	CHECKED BY: [Signature]	CITY OF HOLLYWOOD FLORIDA
DATE: 06/27/13	DESIGNED BY: [Signature]	OCEAN DRIVE MEDIAN BEAUTIFICATION CITY OF HOLLYWOOD CRA
DATE: 06/27/13	PROJECT NO. 044241012	DATE: JUNE 2013
DATE: 06/27/13	SHEET NO. 000	PROJECT NUMBER: 000A 12-010





PLANT SCHEDULE MEDIAN I

TRAFFIC	BOTANICAL NAME	COMMON NAME	CONT. P.C.	COL. Cal.	SIZE	QTY
TR	<i>Thibautia palmeri</i>	Florida Thatch Palm	5 gal	4" Cal.	12' CT	48
SH	<i>Bougainvillea x Helen Johnson</i>	Compact Bougainvillea	5 gal	24" O.C.	12' CT	25
PE	<i>Flou microcarpa 'Green Island'</i>	Green Island Flou	5 gal 18" ea	18" O.C.	12' CT	40
DT	<i>Dianella teranensis 'Blueberry'</i>	Blueberry Flou Lily	1 gal 18" ea	18" O.C.	10' H.	48

PLANTING NOTES

- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
- PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- PLANT SIZES LISTED ARE THE MINIMUM SIZES THAT WILL BE ACCEPTED FOR THAT PLANT.
- ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
- CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE BIDDING.
- CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
- ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
- REFER TO ALL IRRIGATION NOTES ON IRRIGATION PLANS PRIOR TO REMOVING EXISTING PLANTS. CITY OF HOLLYWOOD WILL TAKE OWNERSHIP OF CERTAIN SALVAGED IRRIGATION EQUIPMENT.

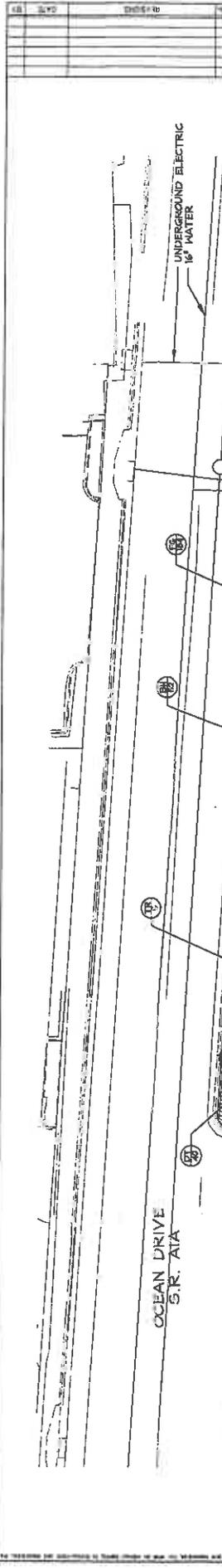
PLANT SCHEDULE OVERALL

TRAFFIC	BOTANICAL NAME	COMMON NAME	CONT. P.C.	COL. Cal.	SIZE	QTY
PS	<i>Psychopogon elegans</i>	Alexander Palm	4" Cal.	18" CA	18" CA	48
TR	<i>Thibautia palmeri</i>	Florida Thatch Palm	5 gal	4" Cal.	12' CT	48
SH	<i>Bougainvillea x Helen Johnson</i>	Compact Bougainvillea	5 gal	24" O.C.	12' CT	25
PE	<i>Flou microcarpa 'Green Island'</i>	Green Island Flou	5 gal 18" ea	18" O.C.	12' CT	40
DT	<i>Dianella teranensis 'Blueberry'</i>	Blueberry Flou Lily	1 gal 18" ea	18" O.C.	10' H.	48

ALTERNATE BID ITEM #1
 Replace 48 Thatch Palms with 48 Alexander Palms per the following specification:
 Psychopogon elegans Alexander Palm F.G.
 Single Trunk.

REFER TO EACH SHEET FOR MEDIAN-BY-MEDIAN QUANTITIES

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION.



PLANT SCHEDULE MEDIAN 2

NUMBER	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	PLANTING	DATE
1	TR	Trifolium repens Florida Parsley, sick track, leg of track trailing to north	Florida Thatch Palm	5' Gal.	5' Gal.	01/11/13
2	SHRUB	BOUTANICAL NAME Sagittaria x 'Helen Johnson'	Common English Vetch	5' gal	5' gal	01/11/13
3	SHRUB AREAS	BOUTANICAL NAME Palaemonia 'Green Island'	Green Island Plus	5' gal 18" oc	5' gal 18" oc	01/11/13
4	GROUND COVERS	BOUTANICAL NAME Pennisetum 'Bluestem'	Bluestem Plus Lily	1' gal 12" oc	1' gal 12" oc	01/11/13

INDIANA ST.

OCEAN DRIVE
S.R. A1A

BELLSOUTH MANHOLE
RIM ELEVATION=3.71

PIERCE ST.

PLANTING PLAN

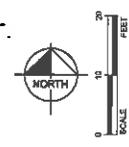
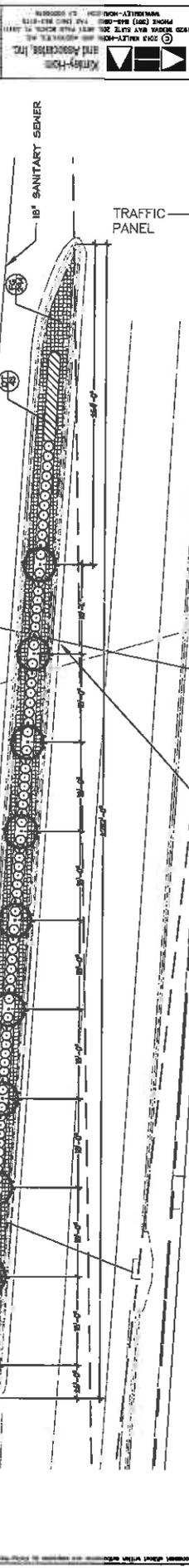
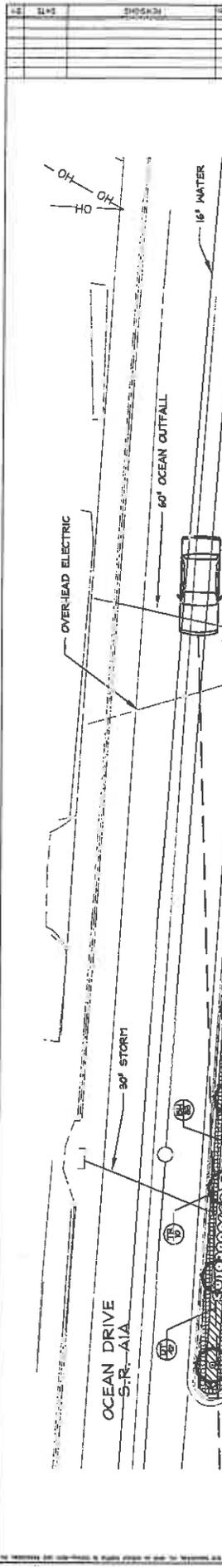
DATE: 1.23.13
DRAWN BY: J.A. [Signature]
CHECKED BY: J.A. [Signature]
SCALE: AS NOTED

CITY OF HOLLYWOOD
FLORIDA
MEDIAN BEAUTIFICATION
OCEAN DRIVE

DATE: JAN 2013
PROJECT NO: 04-2241012
SHEET NUMBER: L-1.02

2013 KULT-HORN and ASSOCIATES, INC.
1200 NORTH MIAMI AVENUE SUITE 100
MIAMI, FL 33136
PHONE: (305) 555-0000
FAX: (305) 555-0001
WWW.KULT-HORN.COM

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION.



PLANTING PLAN

OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLYWOOD CRA
FLORIDA

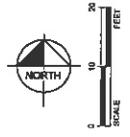
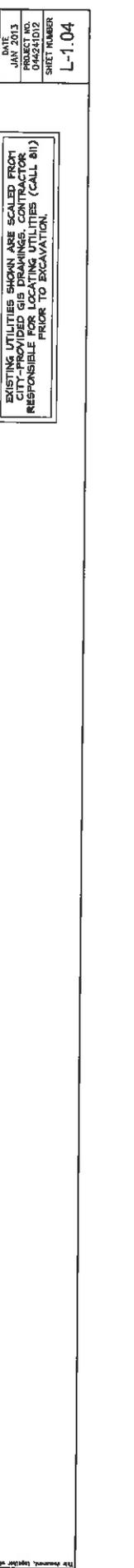
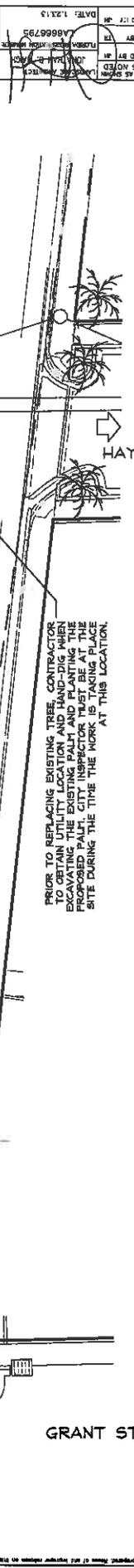
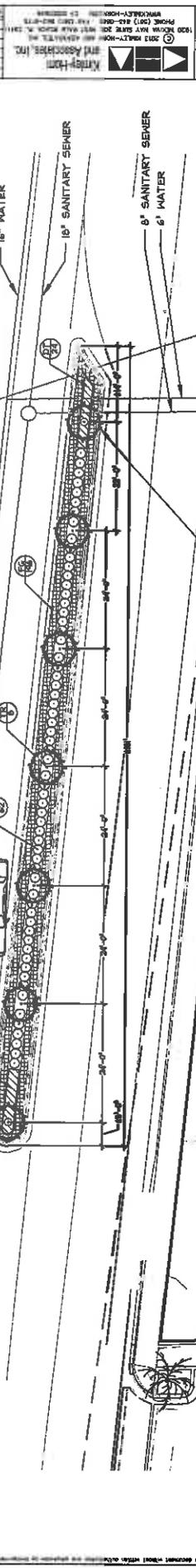
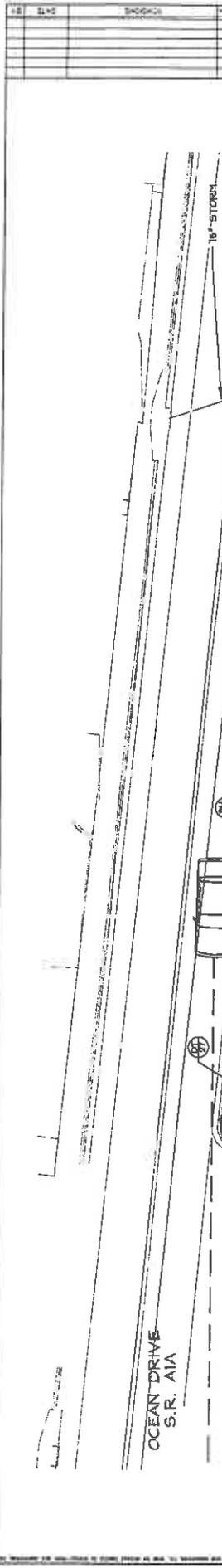
DATE
JAN 2013
PROJECT NO.
04-25-012
SHEET NUMBER
L-1.03

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION.

PRIOR TO REPLACING EXISTING PALM, CONTRACTOR TO OBTAIN UTILITY LOCATION AND HAND-DIG NUMBER EXCAVATING THE EXISTING PALM AND PLANTING THE PROPOSED PALM. CITY INSPECTOR MUST BE AT THE SITE DURING THE TIME THE WORK IS TAKING PLACE AT THIS LOCATION. CONTRACTOR TO STAY AWAY OFF OF THE 60\"/>

PLANT SCHEDULE MEDIAN 3

TRUCK	BOTANICAL NAME	COMMON NAME	CONT. P.C.	COL. CAL.	SIZE	SET
TR	<i>Florida Honey</i> , alkali trunk, top of trunk mottling to remain	Florida Honey Palm	5 gal	4" Cal.	24" CT	03
SH	<i>Bougainvillea x Helen Johnson</i>	Compact Bougainvillea	3 gal	24" O.C.	24" H.	03
FA	<i>Pilea microcarpa 'Green Island'</i>	Green Island Pilea	3 gal	18" O.C.	24" H.	04
DT	<i>Dianella bartramiana 'Blueberry'</i>	Blueberry Plant Lily	1 gal	12" O.C.	24" H.	05



PRIOR TO REPLACING EXISTING TREE, CONTRACTOR TO OBTAIN UTILITY LOCATION AND HAND-DIG WHEN EXCAVATING THE EXISTING MEDIAN ALONG THE PROPOSED PAINT. CITY INSPECTOR MUST BE AT THE SITE DURING THE TIME THE WORK IS TAKING PLACE AT THIS LOCATION.

PLANT SCHEDULE MEDIAN 4

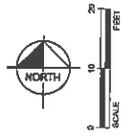
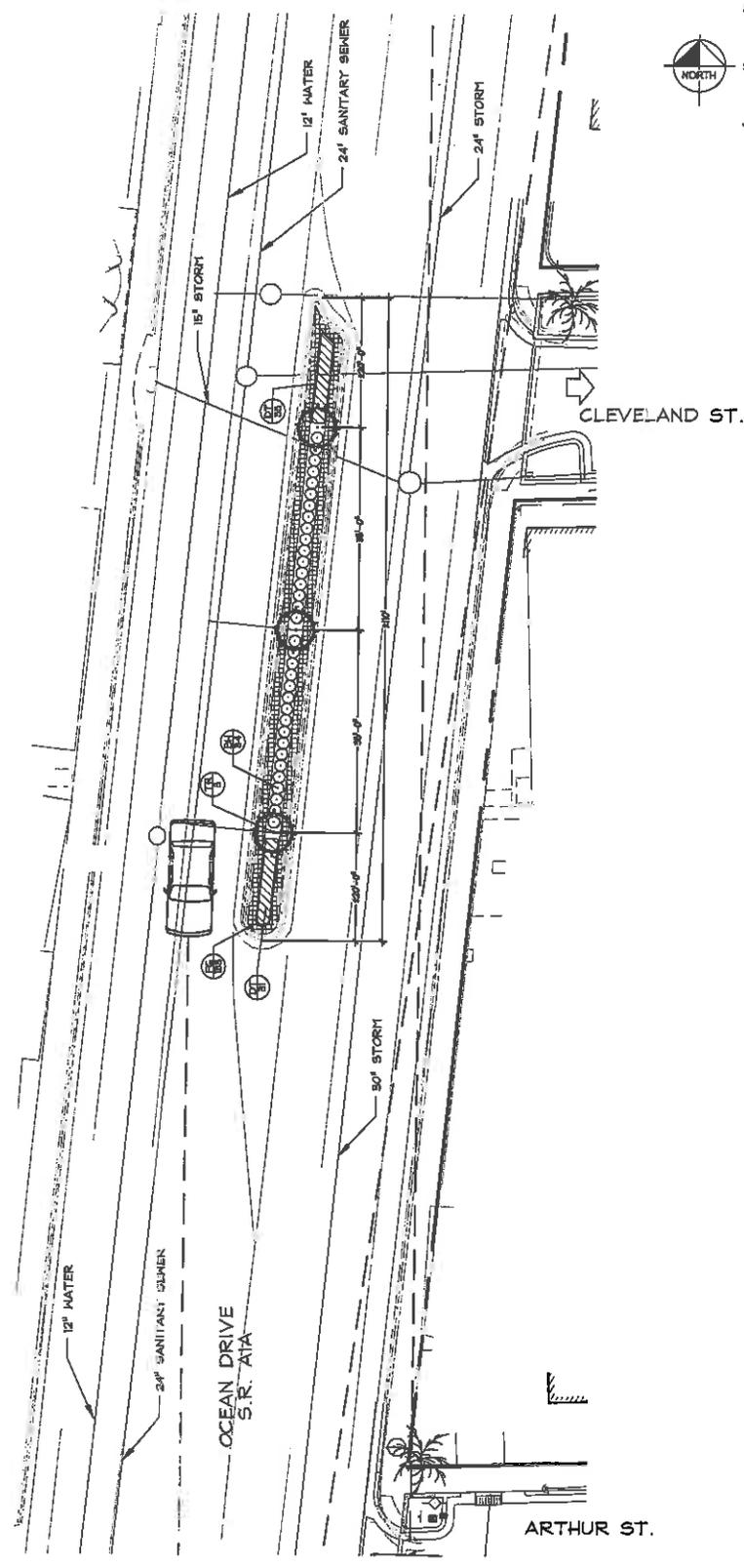
TRAFFIC TR	BOTANICAL NAME	COMMON NAME	CONT. F.A.I.	CAL. # Cal.	SIZE 12\"/>
TR	Thicket wattle of this shrubby plant, top of tree forming for fence	Florida Trench Palm			12\"/>
BU	Bougainvillea	Compact Bougainvillea	CONT. 5 gal	12\"/>	
FC	Flam. Hibiscus	Green Island Palm	CONT. 5 gal 18\"/>		
GT	Ground Cover	Berry Pink Lily	CONT. 1 gal 18\"/>		

PLANTING PLAN

OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLWOOD CRA
FLORIDA
DATE: JAN 2013
PROJECT NO: 04624102
SHEET NUMBER: L-1.04

EXISTING UTILITIES SHOWN ARE SCALED FROM
AS NOTED. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811)
PRIOR TO EXCAVATION.

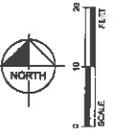
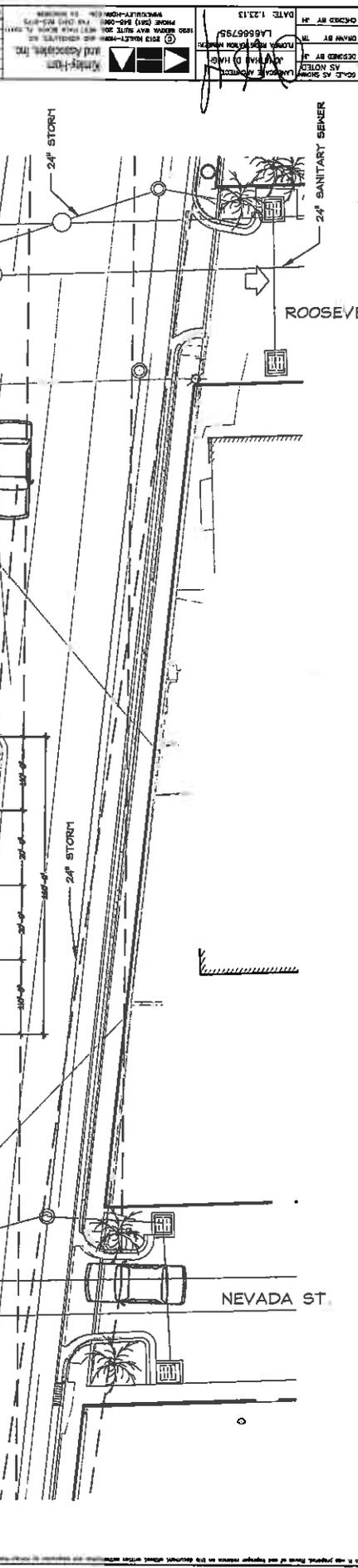
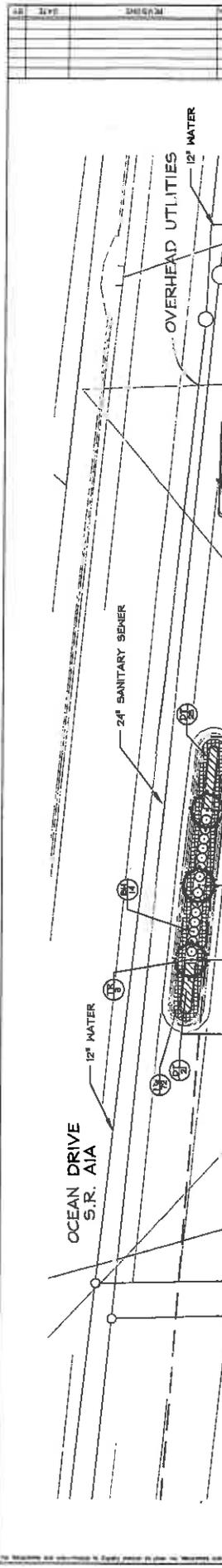
PLANTING PLAN



PLANT SCHEDULE MEDIAN 6

TREES	BOTANICAL NAME	COMMON NAME	CONT. F.S.	COL.	SIZE	QTY.
TR	Trifolium repens Trifolium repens of truck planting to remain	Florida Touch Palm		4 Col.	12" CT	5
SHUBS	BOTANICAL NAME Scaevola taccada	COMMON NAME Common Scaevola	5 gal	6" O.C.	12" H	54
SHUBS	BOTANICAL NAME Platanus sp.	COMMON NAME Common Platanus	5 gal	6" O.C.	12" H	54
GRASS	BOTANICAL NAME Dianella unguiculata	COMMON NAME Blueberry Plant	1 gal	12" O.C.	12" H	54

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION.



PLANTING PLAN

OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 CITY OF HOLLYWOOD
 FLORIDA

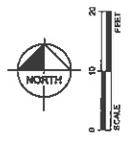
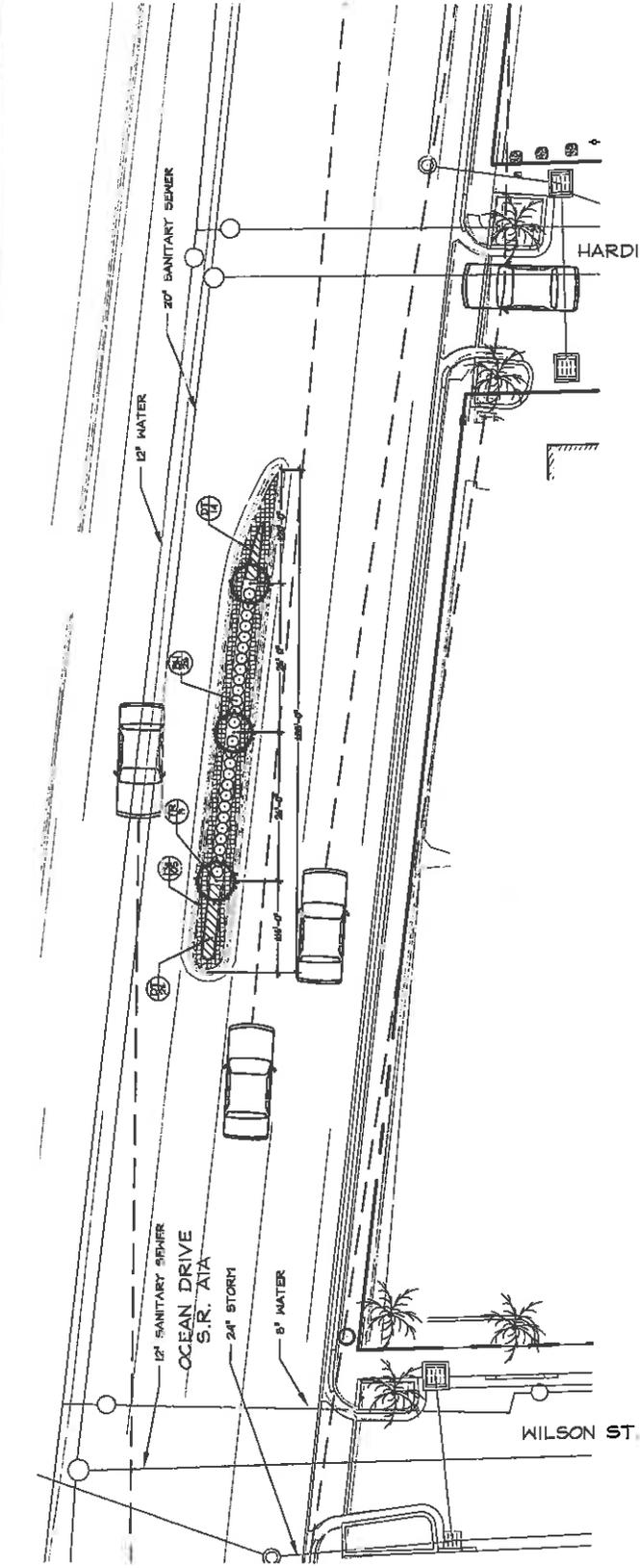
DATE: JAN 2013
 PROJECT NO: 04-21012
 SHEET NUMBER: L-1.07

PLANT SCHEDULE MEDIAN 7

TERMS	BOTANICAL NAME	GENERAL NAME	CONT. P.C.	CA. OF CA.	SIZE OF CT.	HT.
TR	Trifolium repens Common clover	Florida Trifolium	3 gal	24" O.C.	12" H.	14
AR	Artemisia tridentata Sea purslane	Compass Rose	3 gal	24" O.C.	12" H.	14
DR	Dianthus barbatus Candytuft	Compass Rose	3 gal	24" O.C.	12" H.	14
AS	Asplenium platyneuron Moss	Green Island Moss	3 gal	18" O.C.	12" H.	72
FC	Ficus microcarpa Portulacaria	Green Island Moss	3 gal	18" O.C.	12" H.	72
GC	Ground cover	Blueberry Plant Lily	1 gal	12" O.C.	10" H.	44

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION.

EXISTING UTILITIES SHOWN ARE SCALED FROM
 SURVEY DATA. CONTRACTOR
 RESPONSIBLE FOR LOCATING UTILITIES (CALL 811)
 PRIOR TO EXCAVATION



PLANT SCHEDULE MEDIAN 8

SYMBOL	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	QTY
TR	Florida Ficus, which trunk, top of trunk needing to remain	Florida Ficus Palm	4 Cal.	12' CT	5
DN	Bougainvillea x 'Violet Johnson'	Compact Bougainvillea	3 gal	18" POT	25
PA	Platanus microcarpa 'Green Island'	Green Island Plow	3 gal 18" or	18" O.C.	100
DT	Diosella tormentosa 'Blueberry'	Blueberry Plow Lily	1 gal 12" or	12" O.C.	40

DATE	1/23/13
SCALE	AS SHOWN
DRAWN BY	TR
CHECKED BY	TR
DATE	1/23/13

3015 N. W. 10th Ave. Suite 102
 Fort Lauderdale, FL 33304
 (954) 571-1111
 WWW.KIMLEY-HORN.COM
 Kimley-Horn
 & Associates, Inc.

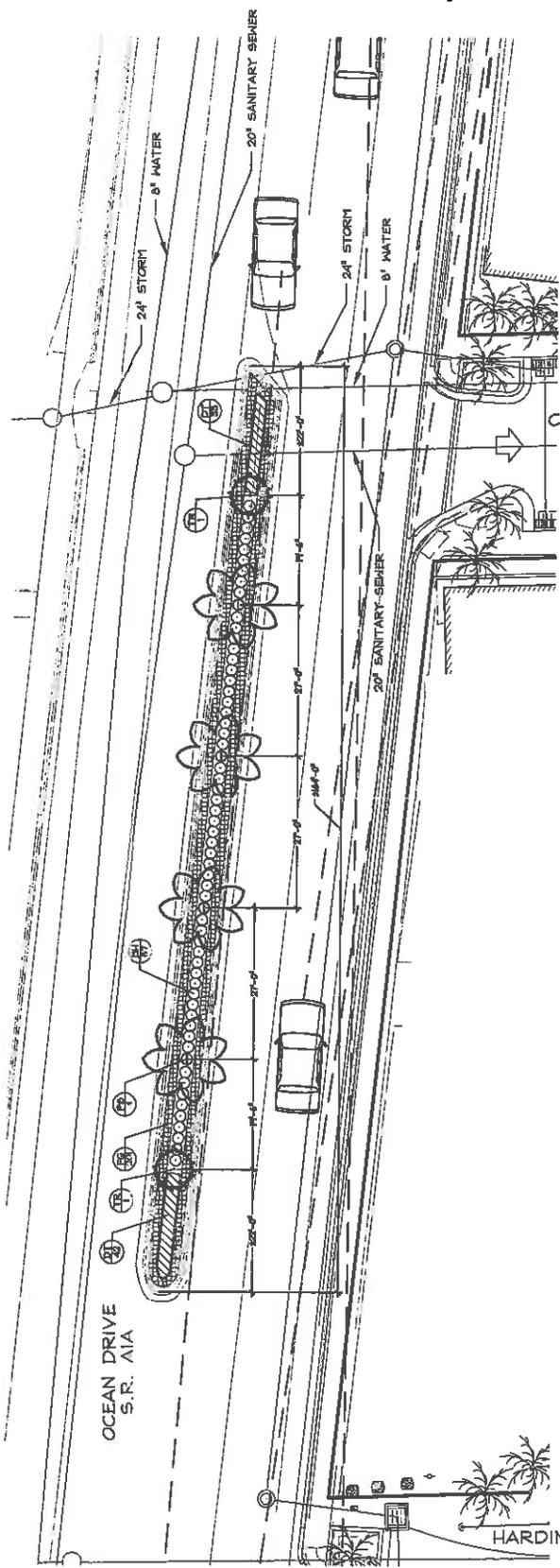
SCALE AS SHOWN
 AS NOTED
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 L-119
 L-120

PLANTING PLAN

OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 HOLLYWOOD CRA
 CITY OF HOLLYWOOD
 FLORIDA

DATE: JAN 2013
 PROJECT NO: 04124102
 SHEET NUMBER: L-1.09

EXISTING UTILITIES SHOWN ARE SCALED FROM
 CITY-PROVIDED GIS DRAWINGS. CONTRACTOR
 RESPONSIBLE FOR LOCATING UTILITIES (CALL 811)
 PRIOR TO EXCAVATION.



PLANT SCHEDULE MEDIAN 9

TR	BOTANICAL NAME	COMMON NAME	CORIT. F.C.	CAL. 1/4" Cal.	SIZE 1/4" CT	QTY
TR	Flacida Fern	Flacida Fern	F.C.	4" Cal.	12" CT	2
TR	Thripso pedalis	Florida Thrush Palm	F.C.	4" Cal.	12" CT	2
SH	Flacida Fern	Flacida Fern	F.C.	4" Cal.	12" CT	2
PG	Flacida Fern	Flacida Fern	F.C.	4" Cal.	12" CT	2
DT	Flacida Fern	Flacida Fern	F.C.	4" Cal.	12" CT	2

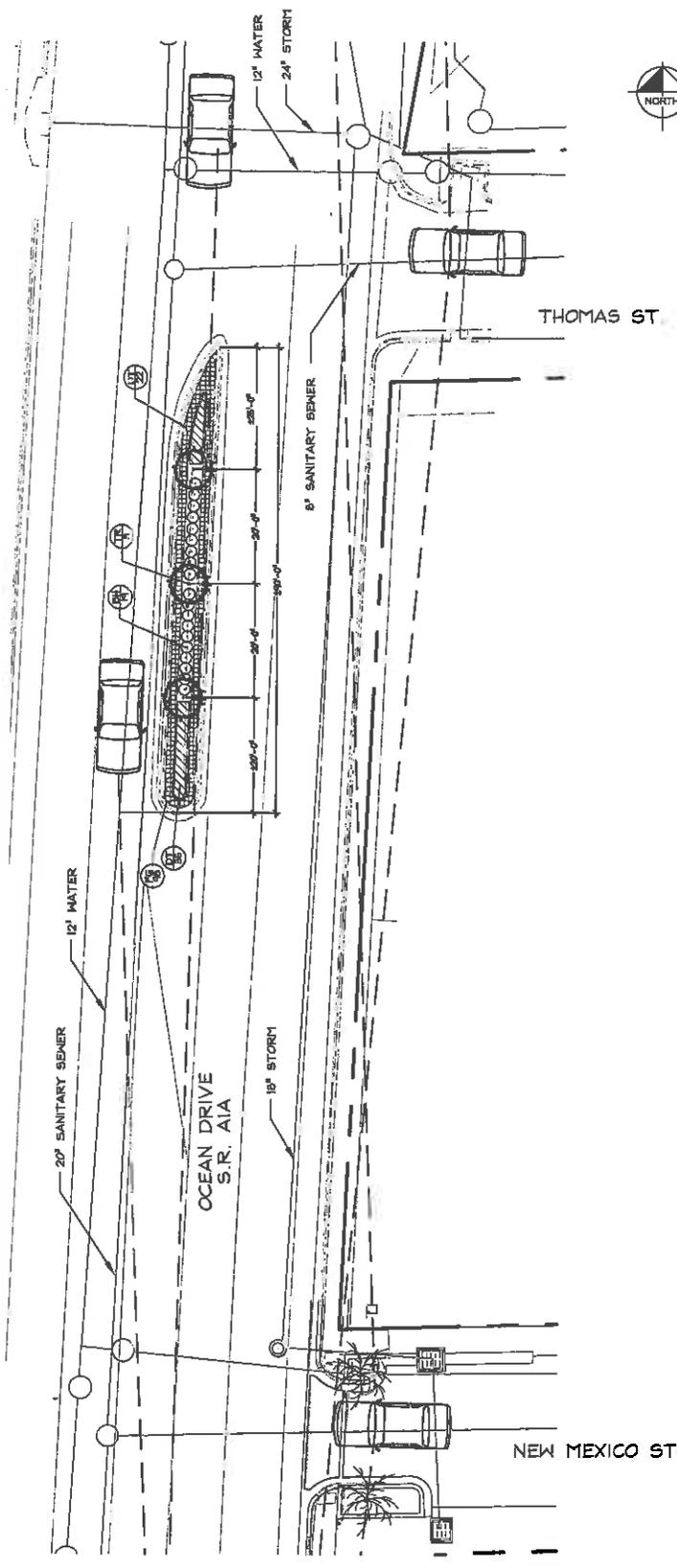
DATE	1/23/13
SCALE	AS SHOWN
DESIGNED BY	LAG665795
CHECKED BY	LAG665795
DATE	1/23/13

LAG665795
 2013 KURTZ-HORN AND ASSOCIATES, INC.
 1201 N. W. 10TH AVENUE, SUITE 200
 MIAMI, FL 33136
 PHONE (305) 866-1200
 WWW.KURTZ-HORN.COM

PLANTING PLAN
 OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 HOLLYWOOD CRA
 FLORIDA

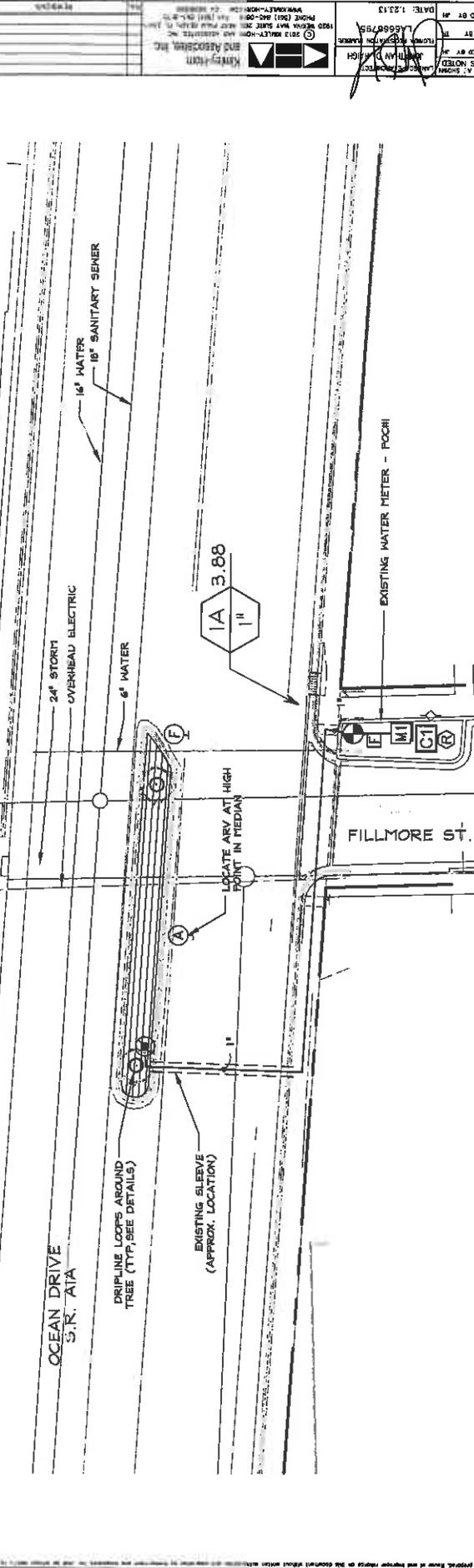
DATE: JAN 2013
 PROJECT NO: CH223012
 SHEET NUMBER: L-1.11

EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GAS DRAWINGS. CONTRACTOR RESPONSIBLE FOR VERIFYING UTILITIES (CALL 811) PRIOR TO EXCAVATION.



PLANT SCHEDULE MEDIAN II

TREE	BOTANICAL NAME	CONT.	SIZE	QTY.
TR	TRICHODENDRON	1 gal	12" CT	5
SH	SHRUBBERY	1 gal	10" H	5
PA	PALEOFLORA	1 gal	10" H	5
DT	DIANTHEM	1 gal	10" H	5



IRIGATION NOTES - POC. 8/1

- POC (1) IS AN EXISTING METER AND BASKET PROVIDED APPROXIMATELY 10' FROM THE MEDIAN. CONTRACTOR TO VERIFY.
- CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND REPLACE WITH SOLAR-POWERED VERSION SPECIFIED.
- DESIGN SHOWN IS APPROXIMATE AND DIAGNOSTIC. INSTALL ALL EQUIPMENT WITHIN MEDIANS AND PLANTER AREAS. CONTRACTOR TO VERIFY AND ADJUST THE BASE OF PLAN LEGIBILITY.
- EXISTING IRRIGATION EQUIPMENT, SLEEVE, AND PIPE HOLLYWOOD-PROVIDED WAS BUILT DRAWINGS. CONTRACTOR TO VERIFY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
- CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE AND ONE (1) FLUSH VALVE IN EACH MEDIAN, PER DETAILS ON SHEET L-2.10.
- COORDINATE LOCATION OF CONTROLLER, FILTER AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION. CITY OF HOLLYWOOD HEREBY TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS A PART OF CONSTRUCTION:
 - IRRIGATION SPRAY HEADS
 - CONTROL VALVES
 - CONTROLLERS
 - RAIN SENSORS
- COORDINATE WITH CHAINING REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT. REFER TO MASTER IRRIGATION LIST ON SHEET L-2.10, DETAILS ON SHEET L-2.10 AND SPECIFICATIONS ON SHEETS L-2.14 AND L-2.15.

IRIGATION KEY

Irrigation Lateral Lines: PVC Class 200 SDR 41
 PVC Class 200 Irrigation Pipe
 Irrigation Mainline: PVC Schedule 40
 The Slopes PVC Schedule 40
 sleeve size shall allow for irrigating pipe and water metered coupling to easily slide through beyond edges of pouring or construction.

Valve Callout: [Symbol] Valve Number
 Valve Size: [Symbol] Valve Size

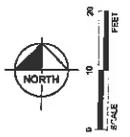
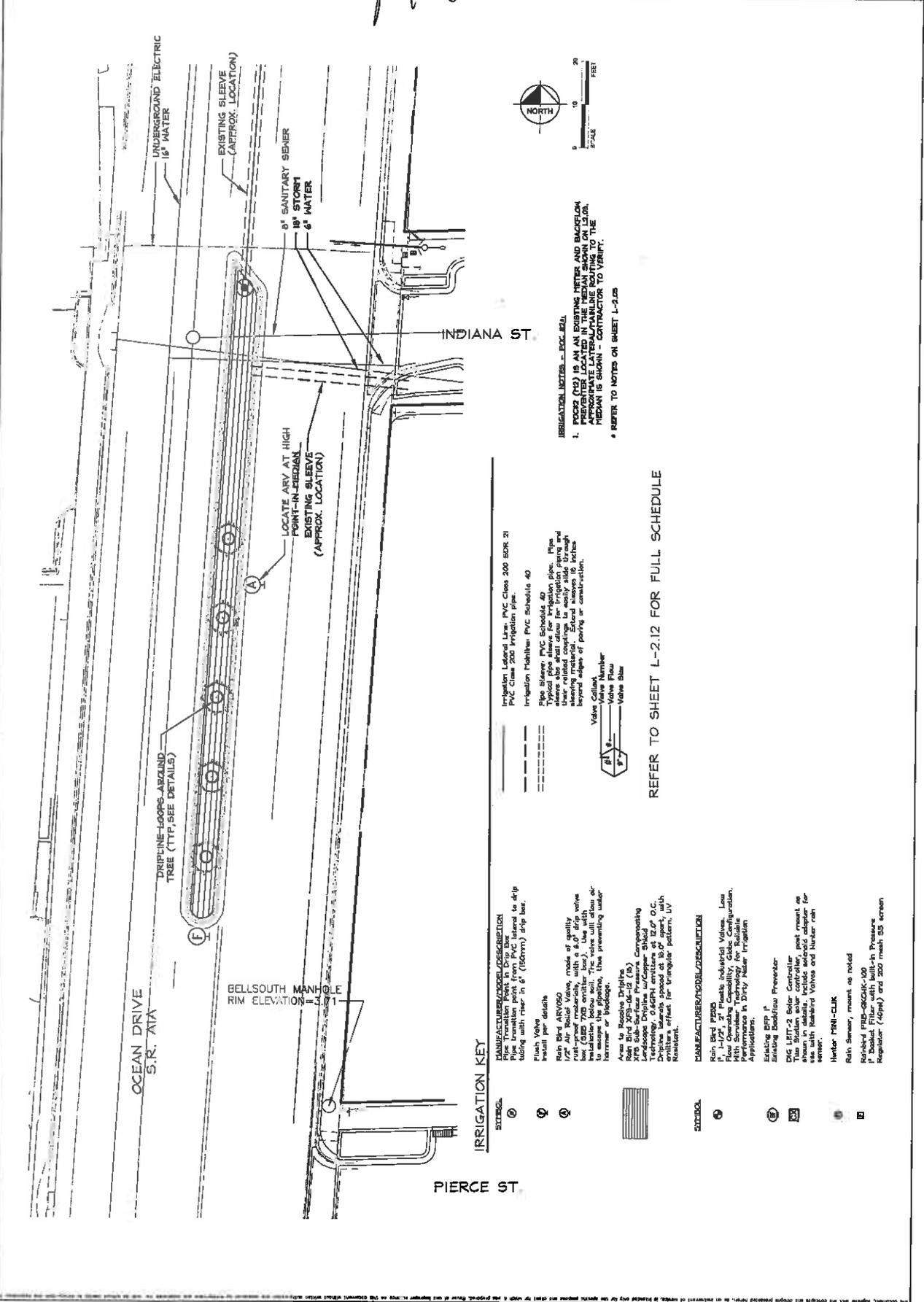
MANUFACTURE/MODEL/DESCRIPTION

1. Flush Valve
 1/2" Jir Relief Valve, made of quality brass, with a 1/2" air relief valve (ASME 7038 series), with a 1/2" air relief valve (ASME 7038 series) below seat. The valve will allow air to escape the pipeline, thus preventing under vacuum conditions.
 Main and 200-04-12 (10)
 2. Air Relief Valve
 2" Air Relief Valve, made of quality brass, with a 1/2" air relief valve (ASME 7038 series), with a 1/2" air relief valve (ASME 7038 series) below seat. The valve will allow air to escape the pipeline, thus preventing under vacuum conditions.
 3. Filter
 2" Filter, made of quality brass, with a 1/2" air relief valve (ASME 7038 series), with a 1/2" air relief valve (ASME 7038 series) below seat. The valve will allow air to escape the pipeline, thus preventing under vacuum conditions.
 4. Controller
 5. Rain Sensor
 6. Sprinkler Head
 7. Solenoid Valve
 8. Basket Filter
 9. Regulator

MANUFACTURE/MODEL/DESCRIPTION

1. Rain Bird P800
 1" - 1/2" 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration, Cast Brass Body, 150 PSI Working Pressure, Performance in Dirty Meter Irrigation Applications.
 2. Existing SPP 1"
 Existing Backflow Preventer
 3. Dig LEIT-2 Soler Controller
 Dig LEIT-2 Soler Controller with remote use with Rainbird Valves and Hunter rain sensor.
 4. Hunter MINI-CLK
 Rain Sensor, mount as noted
 5. Rainbird P80-0504K-100
 Basket Filter with built-in Pressure Regulator (40psi) and 200 mesh 55 screen

REFER TO SHEET L-2.12 FOR FULL SCHEDULE



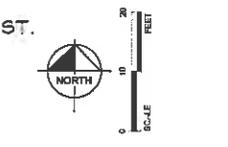
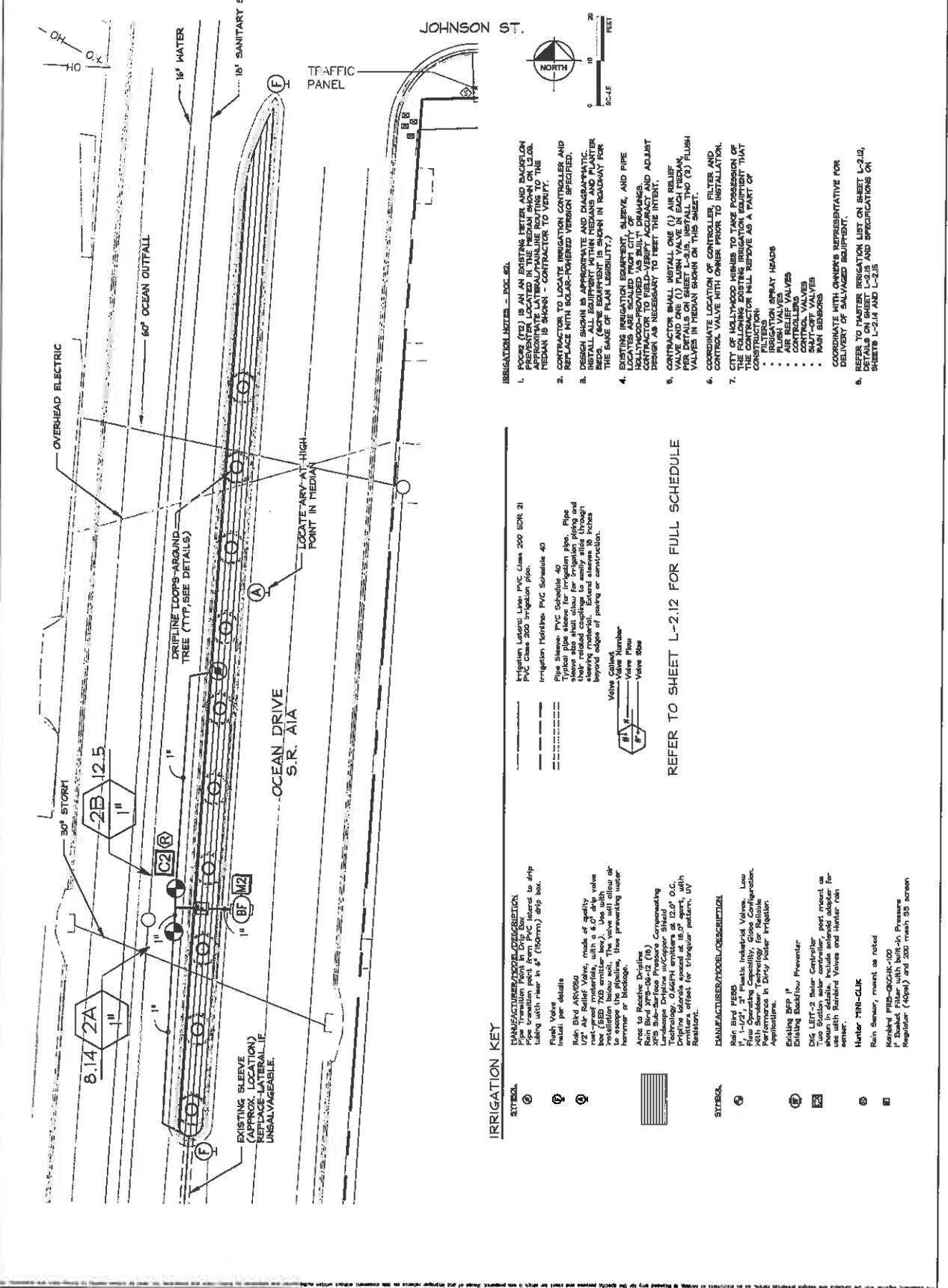
IRRIGATION NOTES - POC: EJA
 1. POC'S OFFICE IS AN IN-STATE WATER AND GAS DIVISION. APPROPRIATE LATERAL/MAINLINE ROUTING TO THE MEDIAN IS SHOWN - CONTRACTOR TO VERIFY.
 * REFER TO NOTES ON SHEET L-2.03

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

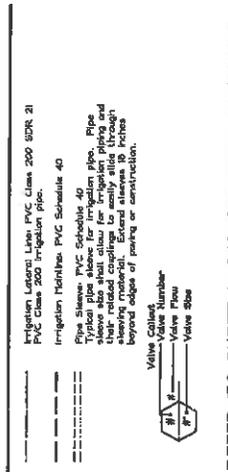
IRRIGATION KEY

- | | |
|--|--|
| | MANUFACTURER/DESCRIPTION
Rain Bird ARV050
1/2" Air Relief Valve, made of quality brass. The valve will allow air to escape from the system during installation below soil. The valve will allow air to escape from the system during operation, thus preventing water hammer or backflow. |
| | MANUFACTURER/DESCRIPTION
Rain Bird XPS-40-12 (B)
XPS Side-Surface Pressure Compensating Emitters
Technology: 0.6GPH emitters at 12.0' O.C.
Drip-line intervals spaced at 18.0' apart, with 18.0' offset for triangular pattern, LV Resistant. |
| | MANUFACTURER/DESCRIPTION
Rain Bird 1/2" P255
1-1/2" P Plastic In-line Valve, Low Flow Operating Capacity, Classic Configuration, 1/2" P Plastic In-line Valve, Low Flow Operating Capacity, Classic Configuration, Performance in Dirty Water Irrigation Applications. |
| | MANUFACTURER/DESCRIPTION
Existing BFP
Existing Backflow Preventer |
| | MANUFACTURER/DESCRIPTION
DIC LIFT-2 Soler Controller
The controller is designed to be mounted on a wall in a clean, dry area. It is used in conjunction with standard valves and backflow preventers. |
| | MANUFACTURER/DESCRIPTION
Hester MINI-CLIK
Rain Sensor, mount as noted |
| | MANUFACTURER/DESCRIPTION
Booster PUMP-3000-100
1" Boosted Filter with built-in Pressure Regulator (40psi) and 320 mesh 50 screen |

- Irrigation Lateral Line, PVC Class 200 SDR 21
 Irrigation Mainline PVC Schedule 40
 Pipe Sleeve PVC Schedule 40
 Tee and Elbow PVC Schedule 40
 Flare and Seal Adapter for Irrigation piping and sleeve also used allow for irrigation piping and sleeve to be installed in easily slide through existing structures in a clean, dry area.
 Beyond edge of paving or construction.
 Valve Collar
 Valve Number
 Valve Size

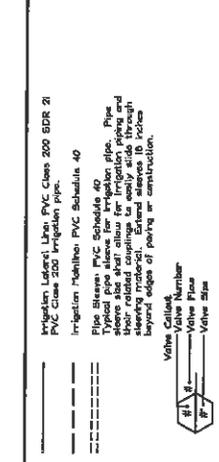
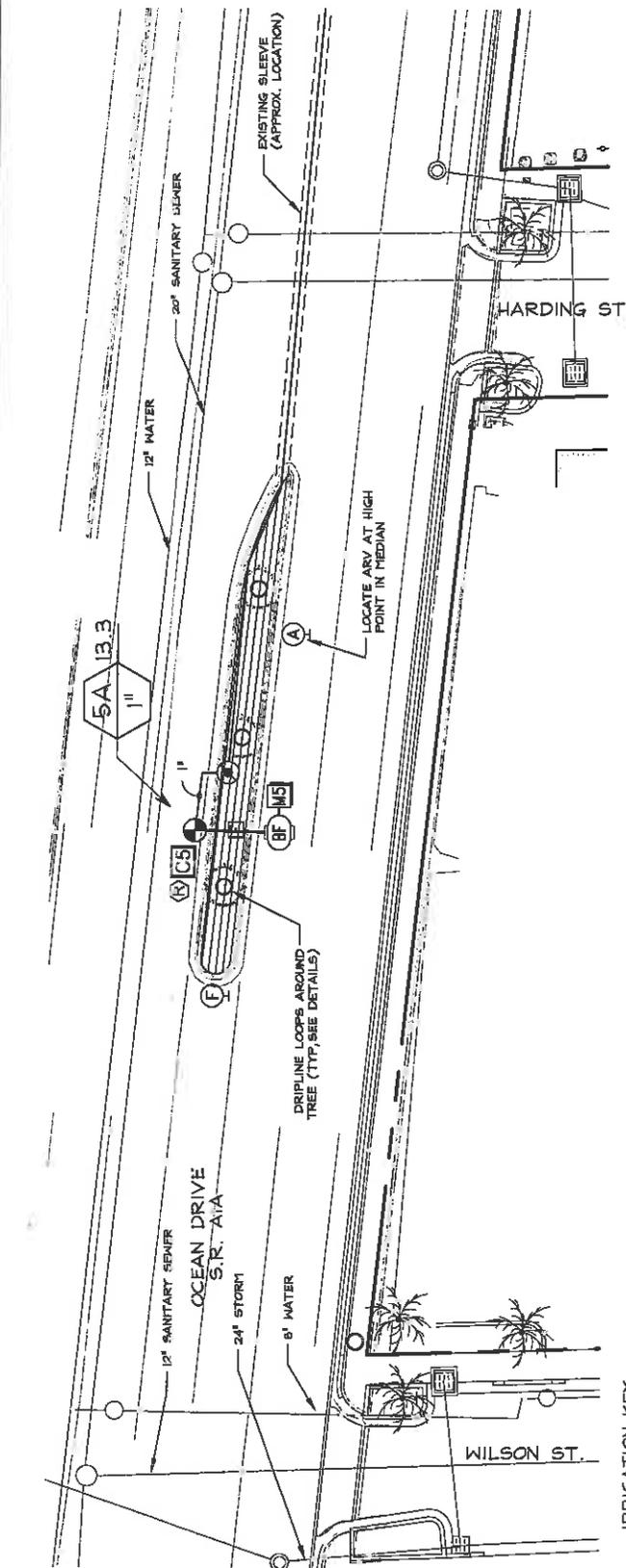


- IRRIGATION NOTES - DOC. 01.**
1. POZZI (712) IS AN AN EXISTING PUMP AND METER LOCATED AT THE APPROXIMATE LATERAL MAINLINE ROUTING TO THE MEDIAN IS SHOWN - CONTRACTOR TO VERIFY.
 2. CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND REPLACE WITH SOLAR-POWERED VERSION SPECIFIED.
 3. DESIGN SHOWN IS APPROPRIATE AND DIAGRAMMATIC. CONTRACTOR TO VERIFY ALL DIMENSIONS AND MATERIALS. (SOME EQUIPMENT IS SHOWN IN REDUNDANT FOR THE CASE OF PLAN LEGIBILITY.)
 4. EXISTING IRRIGATION EQUIPMENT, SLUICE, AND PIPE LOCATIONS ARE SCALED FROM CITY OF HOLLYWOOD RECORDS. CONTRACTOR TO FIELD-VERIFY, ADJUST AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 5. CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE AND ONE (1) FLUSH VALVE IN EACH MEDIAN, VALVES IN MEDIAN SHOWN ON THIS SHEET.
 6. COORDINATE LOCATION OF CONTROLLER, SLUICE AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION.
 7. CITY OF HOLLYWOOD WISHES TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS A PART OF THE BEAUTIFICATION:
 - IRRIGATION SPRAY HEADS
 - AIR RELIEF VALVES
 - CONTROLLERS
 - SHUT-OFF VALVES
 - MAIN SENSORS
 COORDINATE WITH OWNER'S REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT.
 8. REFER TO MASTER IRRIGATION LIST ON SHEET L-2.10, DETAILS ON SHEET L-2.15 AND SPECIFICATIONS ON SHEETS L-2.14 AND L-2.15.



- IRRIGATION KEY**
- SYMBOL**
- ① Pipe Transition Point in Drive Box
 - ② Lining with clear in 4" (bottom) drive box.
 - ③ Flush Valve
 - ④ Rain Bird A1000
 - ⑤ 1/2" Air Relief Valve, made of quality non-ferrous materials, with a 6.0" drip rate and a 1/2" orifice. The valve will allow air to escape the pipeline, thus preventing water hammer or blockage.
 - ⑥ Air to Positive Drip (APD)
 - ⑦ Landscape Dripline w/ Copper Sliding
 - ⑧ 200 Sub-Surface Proprobe Compensating
 - ⑨ Dripline Spacers spaced at 18.0" apart, with emitter effect for triangular pattern, 1/4" emitter.
- MANUFACTURER/MODEL/DESCRIPTION**
- ① Rain Bird A1000
 - ② 1/2" x 1/2" x 1/2" Plastic Indestructible Valves. Low Flow Operating Capacity. Good Configuration. High Performance. Long Life. Reliable Performance in Dry Water Irrigation Applications.
 - ③ Existing 300 #
 - ④ Existing Backflow Preventer
 - ⑤ Digi-LETT-2 Soler Controller
 - ⑥ Two Station water controller, post mount, one with Rainbird Valves and Inertial rain sensor.
 - ⑦ Hunter MINI-CLK
 - ⑧ Rain sensor, mount as noted
 - ⑨ Rainbird mini-CLK-02
 - ⑩ 1" Backflow Preventer with 100-psi Pressure Regulator (10psi) and 200 mesh 55 screen

REFER TO SHEET L-2.12 FOR FULL SCHEDULE



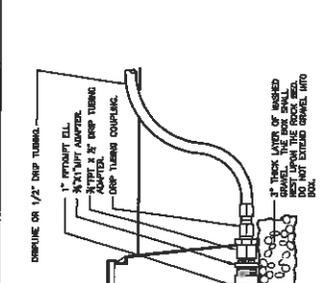
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
1	Rain Bird BIRD (Drip Emitters)
2	Rain Bird BIRD (Drip Emitters)
3	Rain Bird BIRD (Drip Emitters)
4	Rain Bird BIRD (Drip Emitters)
5	Rain Bird BIRD (Drip Emitters)
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18	Rain Bird BIRD (Drip Emitters)
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20	Rain Bird BIRD (Drip Emitters)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
1	Rain Bird BIRD (Drip Emitters)
2	Rain Bird BIRD (Drip Emitters)
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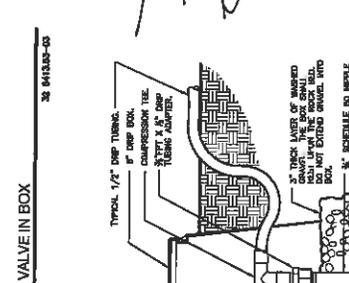
IRRIGATION NOTES - P.02-01
 1. PIPES (1) IS AN AIR RETURNING MEANS AND BACKFLOW PREVENTER LOCATED IN THE MEDIAN AS SHOWN. CONTRACTOR TO VERIFY.
 2. CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND REPLACE WITH SOLAR-POWERED VERSION SPECIFIED.
 3. DESIGN SHOWN IS APPROXIMATE AND DIAGRAMMATIC. INSTALL ALL EQUIPMENT AT THE MEDIAN AND PLANTER LOCATIONS SHOWN IN ROADWAY FOR THE SAKE OF PLAN LEGIBILITY.
 4. EXISTING IRRIGATION EQUIPMENT, SLEEVE, AND PIPE LOCATED ARE SCALED FROM CITY OF HOLLYWOOD-PROVIDED AS BUILT DRAWINGS. CONTRACTOR TO VERIFY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 5. CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE AND ONE (1) FLUSH VALVE IN EACH MEDIAN. PER DETAILS ON SHEET L-2.09.
 6. COORDINATE LOCATION OF CONTROLLER, FILTER AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION.
 7. CITY OF HOLLYWOOD WISHES TO TAKE POSSESSION OF THE EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS A PART OF CONSTRUCTION.
 IRRIGATION EQUIPMENT TO BE INSTALLED:
 • IRRIGATION SPRAY HEADS
 • FLUSH VALVES
 • CONTROL VALVES
 • CONTROLLERS
 • RAIN SENSORS
 • RAIN BARRIERS
 COORDINATE WITH OWNER'S REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT.
 8. REFER TO MASTER IRRIGATION LIST ON SHEET L-2.02, DETAILS ON SHEET L-2.03 AND SPECIFICATIONS ON SHEETS L-2.04 AND L-2.05.

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

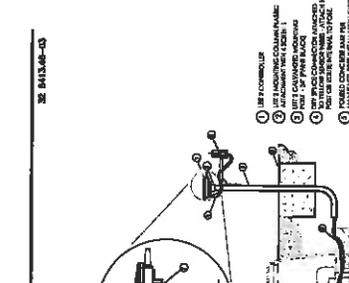
IRRIGATION KEY
 1. Rain Bird BIRD (Drip Emitters)
 2. Rain Bird BIRD (Drip Emitters)
 3. Rain Bird BIRD (Drip Emitters)
 4. Rain Bird BIRD (Drip Emitters)
 5. Rain Bird BIRD (Drip Emitters)
 6. Rain Bird BIRD (Drip Emitters)
 7. Rain Bird BIRD (Drip Emitters)
 8. Rain Bird BIRD (Drip Emitters)
 9. Rain Bird BIRD (Drip Emitters)
 10. Rain Bird BIRD (Drip Emitters)
 11. Rain Bird BIRD (Drip Emitters)
 12. Rain Bird BIRD (Drip Emitters)
 13. Rain Bird BIRD (Drip Emitters)
 14. Rain Bird BIRD (Drip Emitters)
 15. Rain Bird BIRD (Drip Emitters)
 16. Rain Bird BIRD (Drip Emitters)
 17. Rain Bird BIRD (Drip Emitters)
 18. Rain Bird BIRD (Drip Emitters)
 19. Rain Bird BIRD (Drip Emitters)
 20. Rain Bird BIRD (Drip Emitters)



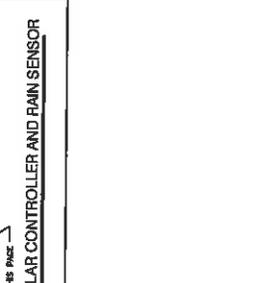
1 TYPICAL DRIPLINE LAYOUT REQUIREMENTS
3" = 1'-0"



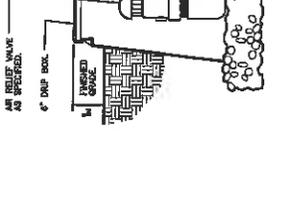
2 DRIP FLUSH VALVE
1 1/2" = 1'-0"



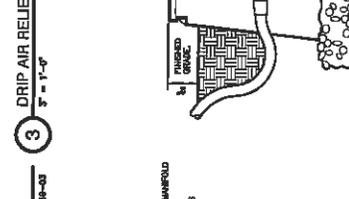
3 DRIP AIR RELIEF VALVE IN BOX
3" = 1'-0"



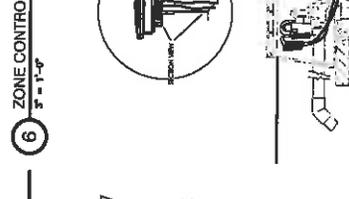
4 LATERAL TO DRIP FEED DETAILS
1/2" = 1'-0"



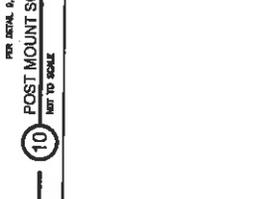
5 CENTER FEED SUPPLY MANIFOLD
1 1/2" = 1'-0"



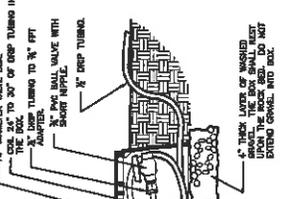
6 ZONE CONTROL
3" = 1'-0"



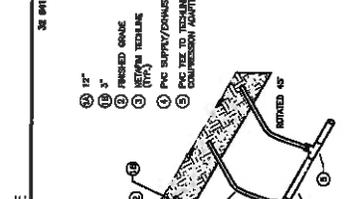
7 FILTER
1/2" = 1'-0"



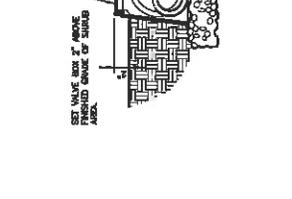
8 TRENCHING DETAIL
1/2" = 1'-0"



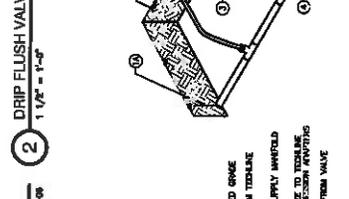
9 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"



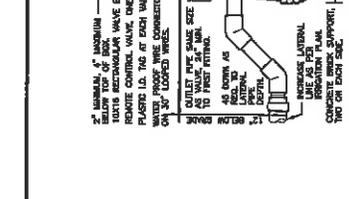
10 POST MOUNT SOLAR CONTROLLER AND RAIN SENSOR
1/2" = 1'-0"



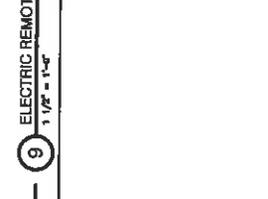
11 SUPPLY/EXHAUST MANIFOLD
1 1/2" = 1'-0"



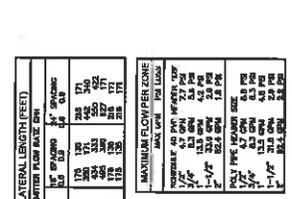
12 TREE LOOPS
1/2" = 1'-0"



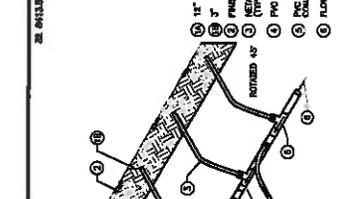
13 LATERAL TO DRIP FEED DETAILS
1/2" = 1'-0"



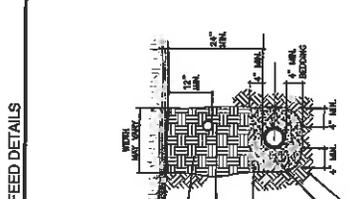
14 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"



15 DRIP AIR RELIEF VALVE IN BOX
3" = 1'-0"



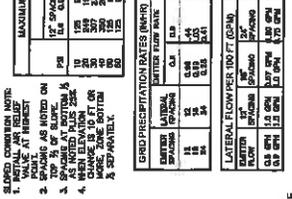
16 ZONE CONTROL
3" = 1'-0"



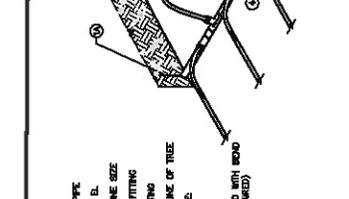
17 FILTER
1/2" = 1'-0"



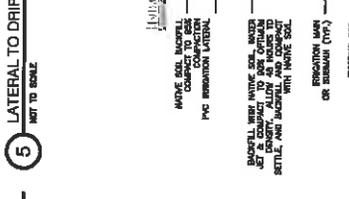
18 TRENCHING DETAIL
1/2" = 1'-0"



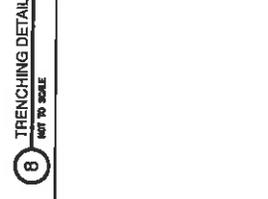
19 SUPPLY/EXHAUST MANIFOLD
1 1/2" = 1'-0"



20 TREE LOOPS
1/2" = 1'-0"



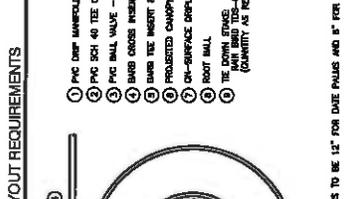
21 LATERAL TO DRIP FEED DETAILS
1/2" = 1'-0"



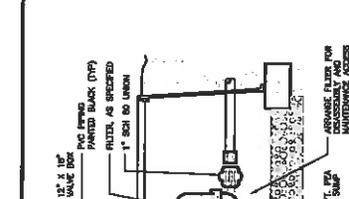
22 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"



23 DRIP AIR RELIEF VALVE IN BOX
3" = 1'-0"



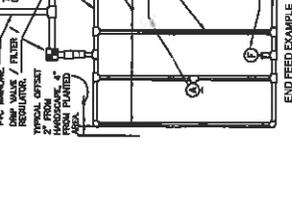
24 ZONE CONTROL
3" = 1'-0"



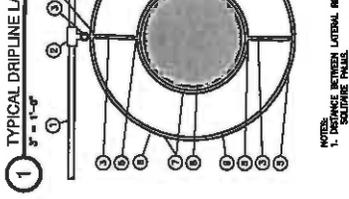
25 FILTER
1/2" = 1'-0"



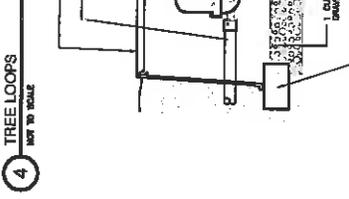
26 TRENCHING DETAIL
1/2" = 1'-0"



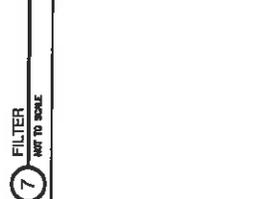
27 SUPPLY/EXHAUST MANIFOLD
1 1/2" = 1'-0"



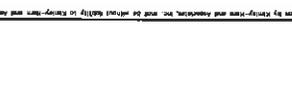
28 TREE LOOPS
1/2" = 1'-0"



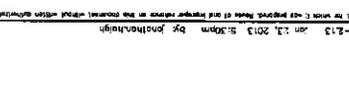
29 LATERAL TO DRIP FEED DETAILS
1/2" = 1'-0"



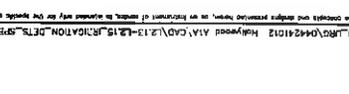
30 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"



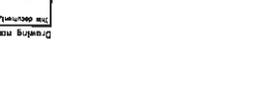
31 DRIP AIR RELIEF VALVE IN BOX
3" = 1'-0"



32 ZONE CONTROL
3" = 1'-0"



33 FILTER
1/2" = 1'-0"



34 TRENCHING DETAIL
1/2" = 1'-0"

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT E
LANDSCAPE MAINTENANCE PLAN(S)

See Attached

MAINTENANCE PLAN

Landscape Improvements

City of Hollywood

I. General Maintenance Requirements and Recommendations:

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

Watering Requirements:

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

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

Irrigation System:

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

Integrated Plant Management:

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

Palms, shrubs, trees and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Establishment of an integrated pest management program is encouraged to ensure healthy plants, which are free of disease and pests.

Mulching:

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

Pruning:

All pruning, and the associated safety criteria, shall be performed according to American National Standard Institute (ANSI) A300 standards and shall be supervised by an International Society of Arboriculture (ISA) Certified Arborist. Pruning shall be carried out with the health and natural growth of plant materials in mind, to specific pruning heights maintaining clear visibility for motorists, and provide vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions, and all trees and palms must be maintained

to prevent potential roadway and pedestrian hazards, all palms are to be kept fruit free. The specific pruning heights are determined by understanding the designer's intent when selecting and placing the plants. The intended mature maintained height and spread of plants are noted on the plans (See Exhibit B.) and see Part II. Specific Requirements and Recommendations for guidelines. The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) are to be maintained at a height in compliance with *FDOT Design Standards Index 546; Page 6 of 6, Window Detail*. Vertical tree heights must meet *FDOT Maintenance Rating Program (MRP)* standards.

Staking and Guying:

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

Turf Mowing:

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

Litter Control:

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

Weeding/Herbicide:

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

Plant Replacement:

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

Hardscape (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 pavers and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current *Interlocking Concrete Pavement Institute (ICPI), Guide Specifications for Pavers on an Aggregate Base, Section 23 14 13 Interlocking Concrete Pavers*, Part 3.05. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

Hardscape (Non-Standard Travelway Surfacing):

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

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

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

Hardscape (Landscape Accent Lighting)

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

Maintenance of Traffic Control

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

Vegetation Management at Outdoor Advertising (ODA)

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

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

II. Specific Project Site Maintenance Requirements and Recommendations:

All site furnishing must be kept graffiti free. Benches shall be maintained in such a manner that they can safely support a user. If benches, bike racks or trash receptacles become damaged, they shall be replaced with the same type and specification as the approved plan. If trash receptacles, they must be emptied on a regular basis in order to prevent trash overflow and odor.

Superseded agreements' Maintenance Plans and any specific project site maintenance requirements continue to apply.

REFERENCES

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

Accessible Sidewalk Videos (ADA)

<http://www.access-board.gov/news/sidewalk-videos.htm>

Americans with Disabilities Act (ADA) (ADAAG)

http://www.ada.gov/2010ADAstandards_index.htm

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

www.isa-arbor.com

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Plants*, available for purchase

<http://www.doacs.state.fl.us/pi/pubs.html>

Florida Department of Community Affairs (DCA), *Florida Board of Building Codes & Standards, 2010 Florida Building Code, Chapter 11 Florida Accessibility Code for Building Construction Part A*

http://www2.iccsafe.org/states/florida_codes/

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 544 Landscape Installation*

<http://www.dot.state.fl.us/rddesign/DS/13/IDx/00544.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 546 Sight Distance at Intersections*

<http://www.dot.state.fl.us/rddesign/DS/13/IDx/00546.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 600 Traffic Control through Work Zones*

<http://www.dot.state.fl.us/rddesign/DS/13/IDx/00600.pdf>

Florida Department of Transportation, *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 700 Roadside Offsets*

<http://www.dot.state.fl.us/rddesign/DS/13/IDx/00700.pdf>

Florida Department of Transportation, *FDOT Plans Preparation Manual (PPM) Vol. I Chapter 2.11 Horizontal Clearance*

Table 2.11.5 Horizontal Clearance to Trees

Table 2.11.11 Recoverable Terrain

<http://www.dot.state.fl.us/rddesign/PPMManual/2012/Volume1/Chap02.pdf>

Florida Department of Transportation, *FDOT Standard Specifications for Road and Bridge Construction, Section 580 Landscape Installation*

<http://www.dot.state.fl.us/specificationsoffice/Implemented/SpecBooks/2013/Files/580-2013.pdf>

Florida Department of Transportation, Landscape Architecture Website

www.MyFloridaBeautiful.com

Florida Department of Transportation, *Maintenance Rating Program Handbook*
<http://www.dot.state.fl.us/statemaintenanceoffice/MRPHandbook2011.pdf>

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

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

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

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

Guide to Roadside Mowing and Guide to Turf Management, available for purchase
<http://infonet.dot.state.fl.us/SupportServicesOffice/plist.htm>

Interlocking Concrete Pavement Institute (ICPI)
<http://www.icpi.org/>

International Society of Arboriculture (ISA)
www.isa-arbor.com

UF IFAS: *Selecting Tropical and Subtropical Tree Species for Wind Resistance*
<http://edis.ifas.ufl.edu/pdf/FR/FR17500.pdf>

U.S. Department of Transportation, Federal Highway Administration, *Manual on Uniform Traffic Control Devices*
<http://www.mutcd.fhwa.dot.gov>

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT F

PENDING DEPARTMENT PROJECT(S) ESTIMATE

State Road 9 (I-95) and State Road 824 (Pembroke Road) Interchange See Attached	<u>\$44,390.50</u>
State Road 9 (I-95) and State Road 820 (Hollywood Boulevard) Interchange See Attached	<u>\$65,988.50</u>
State Road 9 (I-95) and State Road 848 (Stirling Road) Interchange See Attached	<u>\$15,193.00</u>

CITY OF HOLLYWOOD
Plan Sheets 13B - 14B

CITY OF HOLLYWOOD I-95 @ Pembroke Road 422796-1-52-01 30-Nov-12									
OVERALL LANDSCAPE COST ESTIMATE									
		UNIT COST	UNIT	QUANTITY	TOTAL COST		SPECIFICATION		
*PALMS									
SABAL PALM		\$240.00	EA	11	\$2,640.00		12' Clear Trunk, Booted, Straight Trunk		
THATCH PALM		\$640.00	EA	14	\$8,960.00		10'-12' Overall Height, Full Crown, Straight Trunk		
*SHRUBS									
DWARF FIREBUSH		\$7.50	EA	1,273	\$9,547.50		3 Gallon, 24"x18", Full, 3' On Center		
DWARF FAKAHATCHEE		\$7.00	EA	269	\$1,883.00		3 Gallon, 24"x18", Full, 2.5' On Center		
COCOPLUM HORIZONTAL		\$8.00	EA	1,420	\$11,360.00		3 Gallon, 10"x10", Full, 3' On Center		
IRRIGATION									
MODIFICATIONS		\$10,000.00	LS	1	\$10,000.00		Modify / Repair Existing Irrigation		
TOTAL OVERALL COST					\$44,390.50				

CITY OF HOLLYWOOD
Plan Sheets 15B - 16B

CITY OF HOLLYWOOD						
I-95 @ Hollywood Blvd.						
422796-1-52-01						
30-Nov-12						
OVERALL LANDSCAPE						
COST ESTIMATE						
<u>*PALMS</u>						
SABAL PALM						
				EA	7	\$1,680.00
THATCH PALM						
				EA	20	\$12,800.00
12' Clear Trunk, Booted, Straight Trunk						
10'-12' Overall Height, Full Crown, Straight Trunk						
<u>*SHRUBS</u>						
DWARF FIREBUSH						
				EA	1,519	\$11,392.50
DWARF FAKAHATCHEE						
				EA	400	\$2,800.00
SAND CORDGRASS						
				EA	204	\$1,428.00
COCOPLUM HORIZONTAL						
				EA	3,236	\$25,888.00
3 Gallon, 24"x18", Full, 3' On Center						
3 Gallon, 24"x18", Full, 2.5' On Center						
3 Gallon, 24"x18", Full, 3.5' On Center						
3 Gallon, 10"x10", Full, 3' On Center						
<u>IRRIGATION</u>						
MODIFICATIONS						
				LS	1	\$10,000.00
Modify / Repair Existing Irrigation						
TOTAL OVERALL COST						
						\$65,988.50

CITY OF HOLLYWOOD
Plan Sheet 19B

CITY OF HOLLYWOOD						
I-95 @ Stirling Road						
FM#s: 422796-1-52-01						
30-Nov-12						
OVERALL LANDSCAPE						
COST ESTIMATE						
	UNIT COST	UNIT	QUANTITY	TOTAL COST	SPECIFICATION	
<u>*PALMS</u>						
SABAL PALM	\$240.00	EA	4	\$960.00	12' Clear Trunk, Booted, Straight Trunk	
<u>*SHRUBS</u>						
DWARF FIREBUSH	\$7.50	EA	100	\$750.00	3 Gallon, 24"x18", Full, 3' On Center	
DWARF FAKAHATCHEE	\$7.00	EA	333	\$2,331.00	3 Gallon, 24"x18", Full, 2.5' On Center	
COCOPLUM HORIZONTAL	\$8.00	EA	144	\$1,152.00	3 Gallon, 10"x10", Full, 3' On Center	
<u>IRRIGATION</u>						
MODIFICATIONS	\$10,000.00	LS	1	\$10,000.00	Modify / Repair Existing Irrigation	
TOTAL OVERALL COST				\$15,193.00		

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT G

PATTERNED PAVEMENT INSTALLATION (When Applicable)

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

1. Prior to acceptance by the DEPARTMENT, all lanes for each of the stamped asphalt crossings projects shall be tested for friction in accordance with ASTM E 274-06. All costs for friction testing will be the responsibility of the AGENCY. The initial friction resistance shall be at least 35 obtained at 40 mph with a ribbed test tire (FN40R) or equivalent. Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Qualified Products List (QPL). All lanes receiving new installations shall again be friction tested within 60-90 days of their acceptance by the local AGENCY. The initial friction resistance of each new installation shall be at least 35 (FN40R) or equivalent. Failure to achieve this minimum resistance shall require all deficient areas be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the DEPARTMENT 'S Qualified Products List (QPL), or replaced with conventional pavement.
- The results of all friction tests and condition surveys shall be sent to the **Operations Engineer** at the local FDOT District Four Operations Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, with a cover letter either certifying that the crosswalks comply with the above stated requirements; or what remedial action will be taken to restore the friction and/or integrity of the crosswalk area.
2. When remedial action is required in accordance with the above requirements, the local AGENCY at its own expense shall complete all necessary repairs within 90 days of the date the deficiency was identified.
3. Should the local AGENCY fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the DEPARTMENT reserves the right to replace the patterned pavement with conventional pavement and bill the local AGENCY for this cost. No more than two full stamped asphalt pavement depth repairs shall be made to an area without first resurfacing the pavement to its full depth.

SECTION No.(s): 86010, 86016, 86030, 86018, 86040,
860105, 86040215, 86070, 86100, 86230
S.R. No.(s): A1A, 5, 7, 9, 820, 822, 824 & 848
COUNTY: Broward

EXHIBIT H
PATTERNED PAVEMENT MAINTENANCE
(If Applicable)

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

"Maintenance" of all patterned pavement crosswalks in these Agreements shall be defined, as a minimum, to include its frictional characteristics and integrity as follows:

1. Within 60 days of project acceptance by the Department, all lanes of each patterned crosswalk shall be evaluated for surface friction. The friction test shall be conducted using either a locked wheel tester in accordance with **FM 5-592 (Florida Test Method for Friction Measuring Protocol for Patterned Pavements)** or Dynamic Friction Tester in accordance with **ASTM E1911**. **All costs for friction testing are the responsibility of the AGENCY.**

The initial friction resistance shall be at least 35 obtained at 40 mph with a ribbed tire test (FN40R) or equivalent (FM 5-592 attached). Failure to achieve this minimum resistance shall require all deficient crosswalk areas to be removed to their full extent (land-by-land) and replaced with the same product installed initially. The AGENCY is responsible for all costs associated with the removal and replacement of the crosswalk. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the Qualified Products List (QPL) or replaced with conventional pavement.

2. Approximately **one year** after project acceptance and **every two years** thereafter and for the life of the adjacent pavement, only the outside traffic lane areas of each patterned crosswalk shall be tested for friction resistance in accordance with **ASTM E274** or **ASTME 1911**. Friction resistance shall, at a minimum, have a FN40R value of 35 (or equivalent).
3. The results of all friction tests shall be sent to the **Operations Engineer** at the local FDOT District Four Operations Center located at Broward Operations, 5548 NW 9th Avenue, Ft. Lauderdale, FL 33309 (954) 776-4300, with a cover letter either certifying, that the crosswalks comply with the minimum friction criteria, or stating what remedial action will be taken to restore the friction.

4. Failure to achieve the minimum resistance shall require all lanes of the crosswalk to be friction tested to determine the extent of the deficiency. All deficient areas shall be removed to their full extent (lane-by-lane) and replaced with the same product installed initially. If the Department determines that more than 50% of the lanes in the intersection require replacement, the entire intersection installation may be reconstructed with a different product on the QPL, or replaced with conventional pavement.
5. When remedial action is required in accordance with the above requirements, the local agency shall complete all necessary repairs at its own expense within 90 days of the date when the deficiency was identified. No more than two full depth patterned pavement repairs shall be made to an area without first resurfacing the underlying pavement to 1" minimum depth.
6. The Department will not be responsible for replacing the treatment following any construction activities by the Department in the vicinity of the treatment, or any costs for testing.
7. Should the local agency fail to satisfactorily perform any required remedial work or testing in accordance with this agreement, the Department reserves the right to replace the patterned pavement with conventional pavement (matching the adjacent pavement) and bill the local agency for this cost.

Florida Test Method
for
Friction Measuring Protocol for Patterned Pavements

Designation: FM 5-592

1. SCOPE

This method covers the testing procedures for evaluating the friction resistance of Patterned surfaces used in crosswalks over asphalt and concrete surfaces

Note: This test method contains two parts:

Part A- Friction testing performed with the Locked Wheel Friction Tester

Part B- Friction testing performed with the Dynamic Friction Tester (DFT)

2. APPARATUS

2.1 Locked Wheel Friction Tester- This apparatus shall be standardized in accordance with ASTM E 274, "Standard Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire". The friction test tire used shall be in accordance with ASTM E 501, "Standard Specification for Standard Rib Tire for Pavement Skid-Resistance".

2.2 Dynamic Friction Tester- This apparatus shall be standardized in accordance with ASTM E 1911, "Standard Test Method for Measuring Paved Surface Frictional Properties Using the Dynamic Friction Tester".

3. FRICTION NUMBER CONVERSION

The regression equations relating the locked wheel test results and the DFT results at 40 mph (65 km/h) are:

$$FN40R = 0.64 \cdot DFT40 + 9.23 \quad (1)$$

$$DFT40 = 1.56 \cdot FN40R - 14.42 \quad (2)$$

where,

FN40R = Friction Number from locked wheel testing at 40 mph using a ribbed tire
DFT40 = Coefficient of Friction from DFT at 40 mph multiplied by 100.

Although the above equations can be used to convert the DFT result to the locked wheel friction number at 40 mph and vice-versa, conditions do exist where the DFT testing or the locked wheel testing at 40 mph is not feasible due to constraints such as safety, traffic congestion, speed limits, and/or roadway geometries. In these cases, it may be preferable to conduct the locked wheel

testing at a slower speed, e.g., 20 or 30 mph. The following regression equations have been developed to convert the locked wheel test results at 20 and 30 mph to those at 40 mph:

$$FN_{40R} = 0.89 \cdot FN_{20R} - 4.88 \quad (3)$$

where,

FN_{20R} = Friction Number from locked wheel testing at 20 mph using a ribbed tire, and

$$FN_{40R} = 0.95 \cdot FN_{30R} - 2.91 \quad (4)$$

where,

FN_{30R} = Friction Number from locked wheel testing at 30 mph using a ribbed tire.

For ease of application of the above harmonization results, Table 1 summarizes the conversions from FN_{30R} , FN_{20R} and DFT_{40} to FN_{40R} . Note that the friction numbers shown in this table were rounded to the closest integer. The numbers highlighted in yellow represent the current minimum required friction numbers depending on survey cycle, test method, and speed evaluated.

Table 1. Friction Number Table

FN40R	FN30R	FN20R	DFT40
22	26	30	20
23	27	31	21
24	28	32	23
25	29	34	25
26	30	35	26
27	31	36	28
28	33	37	29
29	34	38	31
30*	35*	39*	32*
31	36	40	34
32	37	41	36
33	38	43	37
34	39	44	39
35**	40**	45**	40**
36	41	46	42
37	42	47	43
38	43	48	45
39	44	49	46
40	45	50	48
41	46	52	50
42	47	53	51
43	48	54	53
44	49	55	54
45	50	56	56

*Minimum friction numbers required for inventory cycles of patterned crosswalks.

**Minimum friction numbers required for new construction and 3-year QPL test decks for patterned crosswalks.

4. PROCEDURE

The test procedures for both the Locked Wheel Friction Tester and the Dynamic Friction Tester are described in the following. All testing should be performed within either the driver or passenger side wheel path, regardless of the equipment used.

4.1 PART A- Friction Testing with the Locked Wheel Friction Tester

- A) **New Construction** – The locked wheel test shall be conducted on all crosswalks within 60 days of the new surface completion date. One valid lockup test is required for each lane; all lanes shall be evaluated

and compared. The test layout is shown in Figure 1.

- B) **Inventory** – For in-service Qualified Product List (QPL) test sections, the locked wheel test is conducted at 6 month intervals up to 3 years. Maintenance surveys are conducted on a yearly basis. Test site shall be confined to a single outside traffic lane (single direction) for each crosswalk location. The locked wheel test will require three repeat lockups and averaged for the designated test lane. The lane in which the friction tests were conducted must be identified in the report along with the test results.
- C) **Retest** – At any point when friction numbers are determined to be below the required values shown in Table 1, all lanes shall be evaluated and the range of friction values shall be determined.
- D) **Special Request** – At any time a patterned pavement is in need of a special assessment, the designated lane(s) shall be evaluated to determine the range of representative friction values.

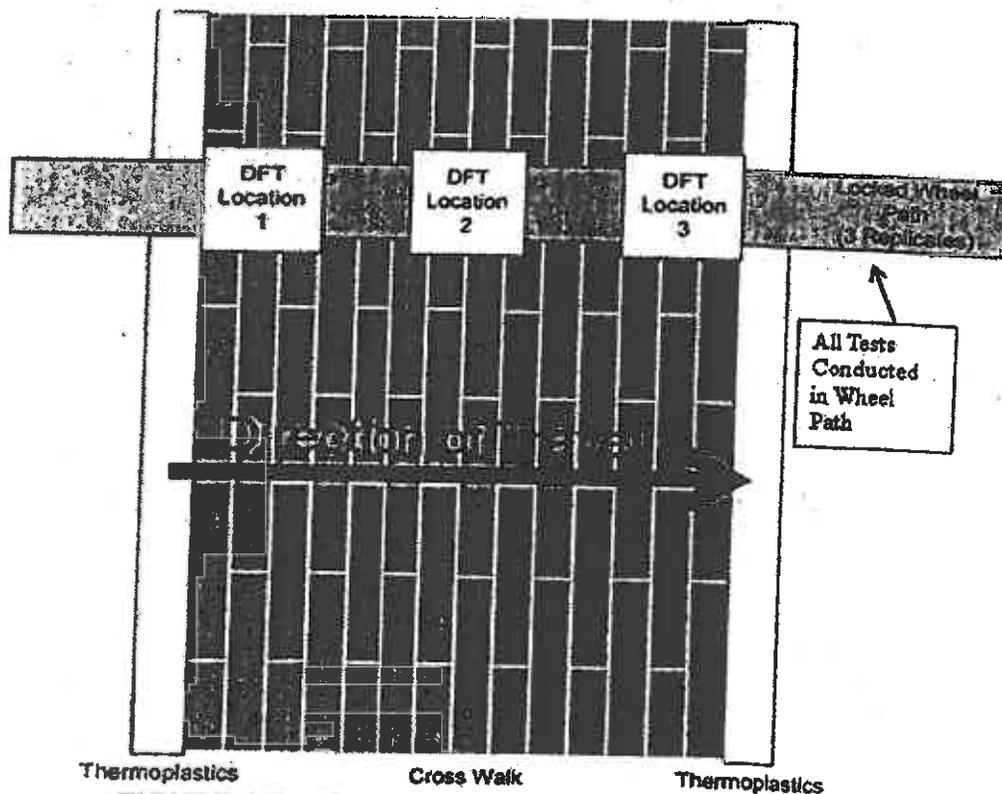


FIGURE 1 Testing protocol for patterned pavement.

4.2 PART B- Skid Testing with the Dynamic Friction Tester (DFT)

- A) **New Construction** – The DFT test shall be conducted on all crosswalks within 60 days of the new surface completion date. DFT tests shall be conducted at three (3) discrete locations in each lane; the results shall be averaged and reported for each lane tested. All lanes shall be evaluated and compared. The test layout is shown in Figure 1.
- B) **Inventory** – For in-service QPL test sections, the DFT test is conducted at 6 month intervals up to 3 years. Maintenance surveys are conducted on a yearly basis. Test site shall be confined to a single outside traffic lane (single direction) for each crosswalk location. DFT tests will be conducted at three (3) discrete locations (Figure 1) in each lane; the results shall be averaged and reported for each lane tested. The lane in which the friction tests were conducted should be identified in the report with the test results.
- C) **Retest** – At any point when friction numbers are determined to be below the required values shown in Table 1, all lanes shall be evaluated and the range of friction values shall be determined.
- D) **Special Request** – At any time a patterned pavement is in need of a special assessment, the designated lane(s) shall be evaluated to determine the range of representative friction values.

5 REPORT

- 5.1 Friction numbers for the patterned crosswalks should be reported using FDOT's Materials form number 675-060-05. This form can be downloaded from FDOT's website at:
<http://formserver.dot.state.fl.us/MiscRepository/forms/67506005.xlsm>.

RESOLUTION NO. R-2013-027

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF HOLLYWOOD, FLORIDA, AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE THE ATTACHED INCLUSIVE LANDSCAPING MAINTENANCE MEMORANDUM OF AGREEMENT BETWEEN THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE CITY OF HOLLYWOOD (CITY) TO MAINTAIN LANDSCAPE AND STREETScape IMPROVEMENTS WITHIN THE FDOT'S HIGHWAY FACILITIES WITHIN THE MEDIANS, OUTSIDE THE TRAVEL WAY AND MADE TO THE TRAVEL WAY (IF APPLICABLE) THAT WERE MADE AT THE REQUEST OF THE CITY OF HOLLYWOOD.

WHEREAS, the City Commission desires to beautify the public rights-of-way within the City of Hollywood to include State highway facilities; and

WHEREAS, the Florida Department of Transportation has jurisdiction over State Roads A1A, 5, 7, 9, 820, 824 and 848 as part of the State Highway System, as described in Exhibit A, to the attached Inclusive Landscape Maintenance Memorandum of Agreement which traverse through the corporate limits of the City of Hollywood; and

WHEREAS, it is the intent of the FDOT and the City that FDOT's highway facilities that contain landscape and/or streetscape improvements within the medians, outside the travel lane and made to the travel lane that were made at the request of the City shall be maintained by the City; and

WHEREAS, the FDOT and the City have entered into previous agreements for the City to maintain landscape and streetscape improvements on FDOT's right of way, and for simplicity and uniformity of current and future landscaping understandings, the parties intend for this inclusive agreement to replace and supersede the previous landscape agreements described within Exhibit C to this inclusive agreement designated to be superseded, except as otherwise provided in the Agreement; and

WHEREAS, as part of this inclusive agreement, the FDOT and the City seek to have the City maintain landscape and streetscape improvements on Pending Department and Permit Landscape and Streetscape Improvement Projects which are described in Exhibits B and D to this inclusive agreement; and

CERTIFICATION

I certify this to be a true and correct copy of the record in my office.

WITNESSETH my hand and official seal of the City of Hollywood, Florida, this the

23 day of Feb 20 13

Michael King City Clerk

RESOLUTION: INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT BETWEEN
FDOT AND CITY FOR FDOT RIGHT OF WAY

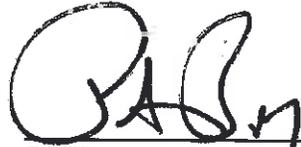
WHEREAS, provisions to incorporate future landscape and streetscape improvements within State Road 7 as part of this inclusive agreement have been made and can be included once plans are finalized and accepted by both parties;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF HOLLYWOOD, FLORIDA:

Section 1: That it hereby approves and authorizes the execution, by the appropriate City officials, of the attached Inclusive Landscape Maintenance Memorandum of Agreement between the Florida Department of Transportation and the City of Hollywood, together with such non-material changes as may be acceptable to the City Manager and approved as to form and legality by the City Attorney.

Section 2: That this resolution shall be in full force and effect immediately upon its passage and adoption.

PASSED AND ADOPTED this 6 day of Feb, 2013.



PETER BOBER, MAYOR

ATTEST:

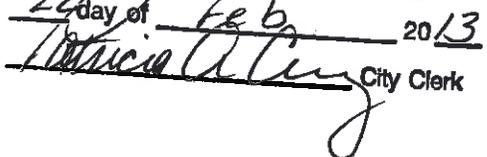


PATRICIA A. CERNY, MMC
CITY CLERK

APPROVED AS TO FORM & LEGALITY
for the use and reliance of the
City of Hollywood, Florida only:

 at
JEFFREY P. SHEFFEL CITY ATTORNEY

CERTIFICATION

I certify this to be a true and correct copy
of the record in my office.
WITNESSETH my hand and official seal of
the City of Hollywood, Florida, this the
22 day of Feb, 2013
 City Clerk