

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and supersede the previous landscape agreements described within Exhibit C to this inclusive agreement designated to be superseded, except as otherwise provided in the Agreement; and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

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:

 ^{af}

JEFFREY P. SHEFFEL, CITY ATTORNEY



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

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

THIS AGREEMENT, made and entered into this _____ day of _____ 20____, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the **DEPARTMENT** and the **City of 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. _____ dated _____, 20____, 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 that 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: _____
Mayor

By: _____
Transportation Development Director

Attest: _____ (SEAL)
Clerk

Attest: _____ (SEAL)
Executive Secretary

Approval as to Form

Approval as to Form

Attorney Date

Office of General Counsel Date

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

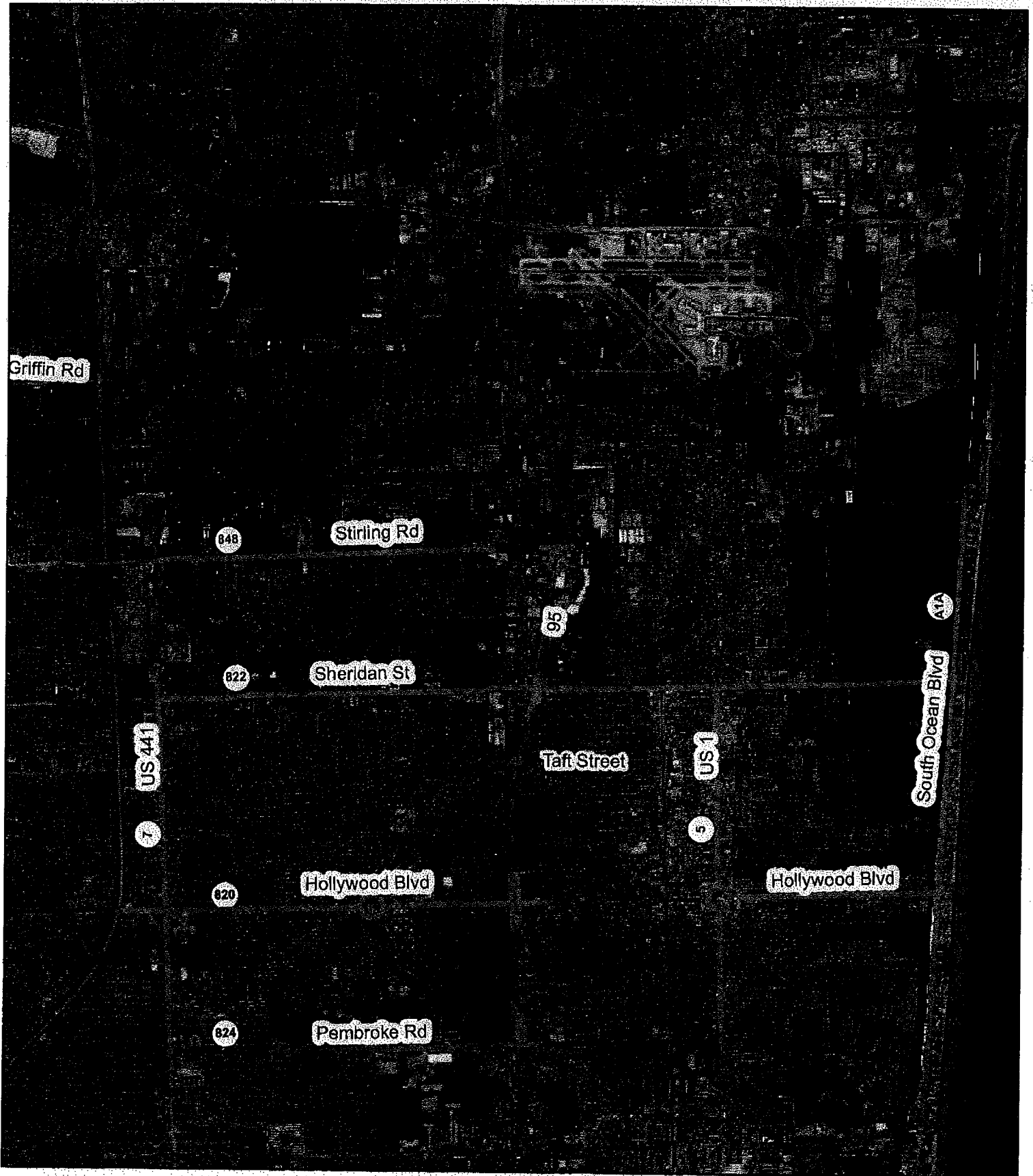
Areas to be maintained by the Agency pursuant to this Landscape Maintenance Memorandum of Agreement (MOA).

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*



LEGEND

-  Hollywood City Limits
-  Inclusive Agreement
-  Excepted Out

City of Hollywood
 Inclusive Landscape Maintenance Memorandum of Agreement
 Maintenance Boundary Graphic



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 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

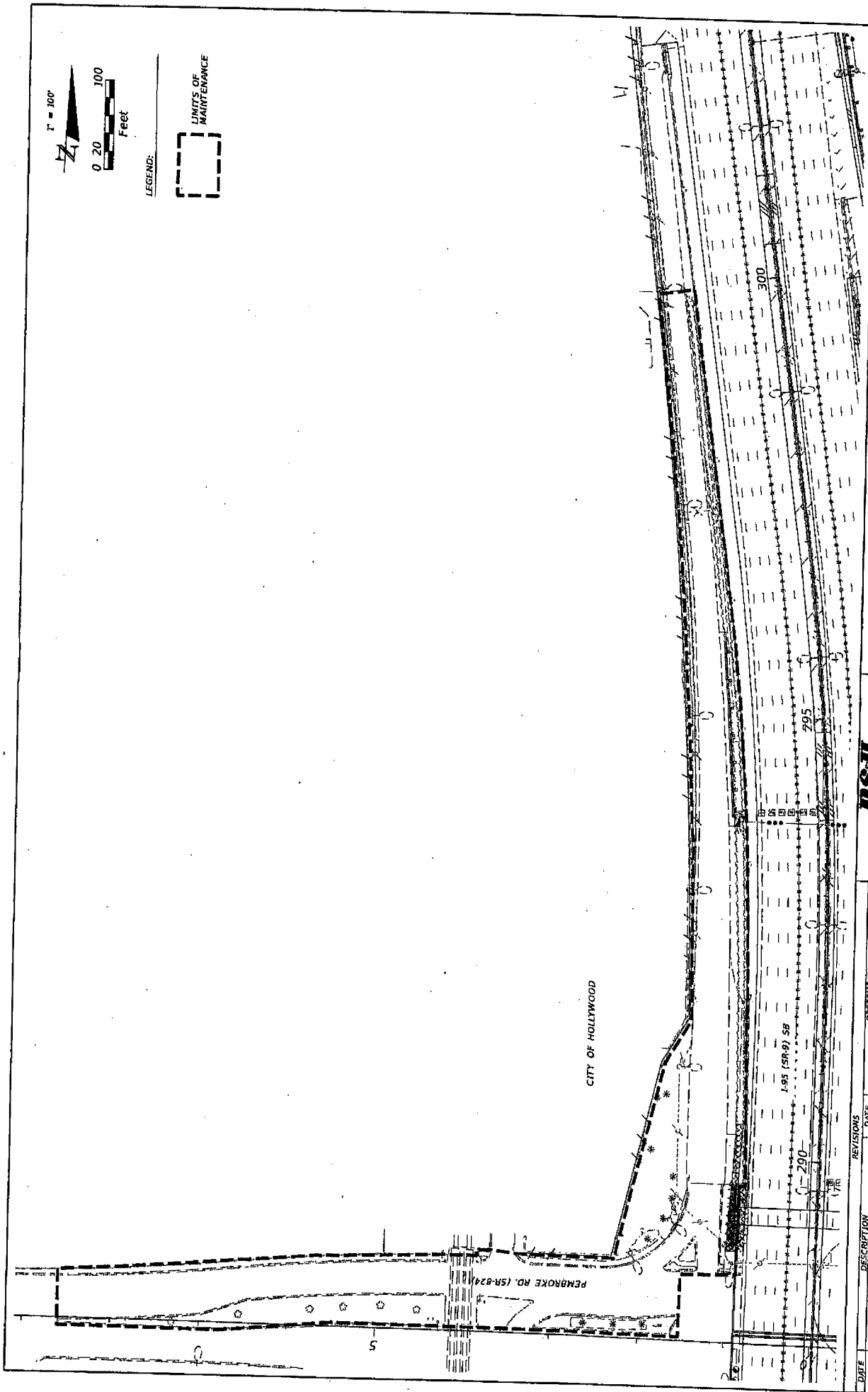
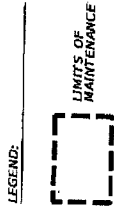
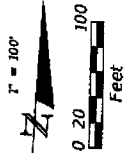
Dated: 10/17/11

State Road 5
Architectural Alliance
Hugh Johnson, RLA

Dated: 11/12/12

State Road A1A
Kimley Horn
Jonathan Haigh, RLA

Dated: 1/23/13



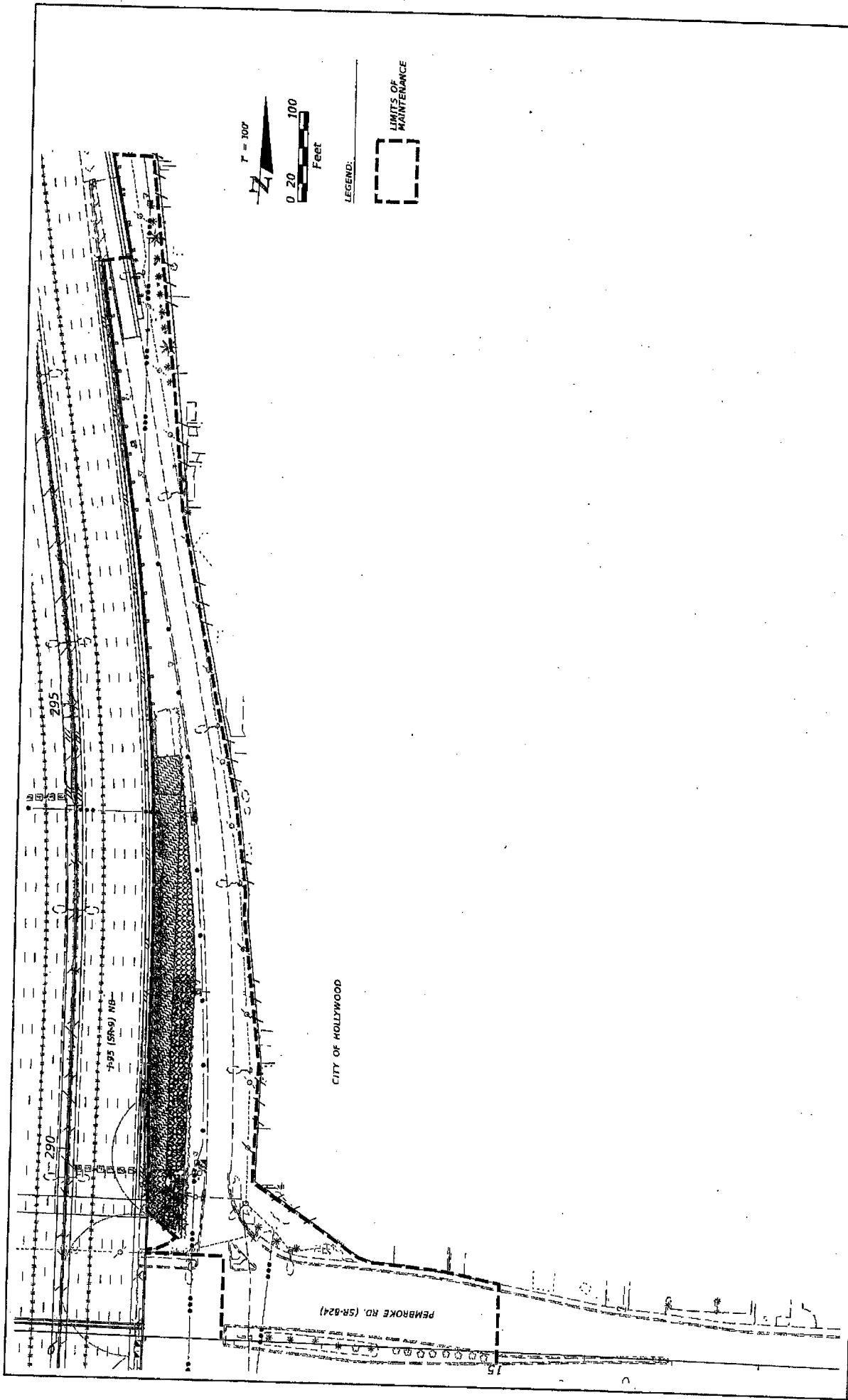
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RSH
 Reynolds, Smith and Hills, Inc.
 10000 University Blvd., Suite 100
 Coral Gables, Florida 33134
 Phone: (305) 441-1000
 Telex: 511111 RSH
 Miami, Florida 33134

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. _____ COUNTY _____ FINANCIAL PROJECT ID _____
 SR 9 BROWARD MIAMI-DADE 42706-5-52-01
 42706-2-52-01

MAINTENANCE
 AGREEMENT EXHIBIT

SHEET NO. 104-A



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RSH Reynolds, Smith and Hills, Inc. <small>INCORPORATED IN FLORIDA 10000 W. BIRCHWOOD BLVD., SUITE 200 MIAMI, FLORIDA 33156 PHONE 305.441.1000 FAX 305.441.1001</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
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MAINTANENCE AGREEMENT EXHIBIT		SHEET NO. 104-B
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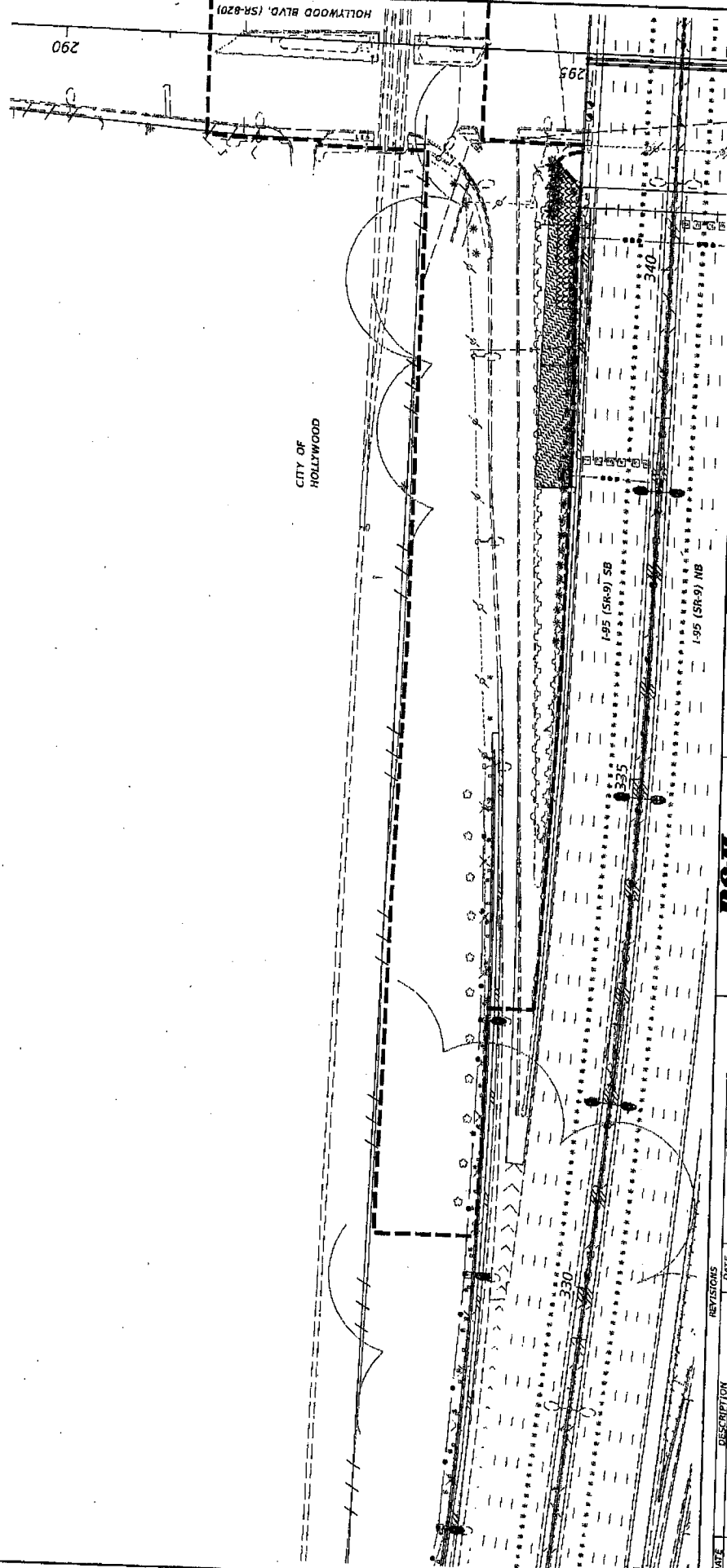
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LEGEND:



LIMITS OF MAINTENANCE



CITY OF HOLLYWOOD

HOLLYHOCK BLVD. (SR-820)

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RSH
 Reynolds Smith and Hills, Inc.
 1100 N. Commercial - Suite 100
 Fort Lauderdale, FL 33304
 Telephone: (305) 466-1000
 Fax: (305) 466-1001
 E-Mail: rsh@rsh.com

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. SR 9
 COUNTY BROWARD
 FINANCIAL PROJECT ID 427796-1-52-01
 MIAMI/DADE 427796-2-52-01

**MAINTENANCE
 AGREEMENT EXHIBIT**

SHEET NO. 105-A

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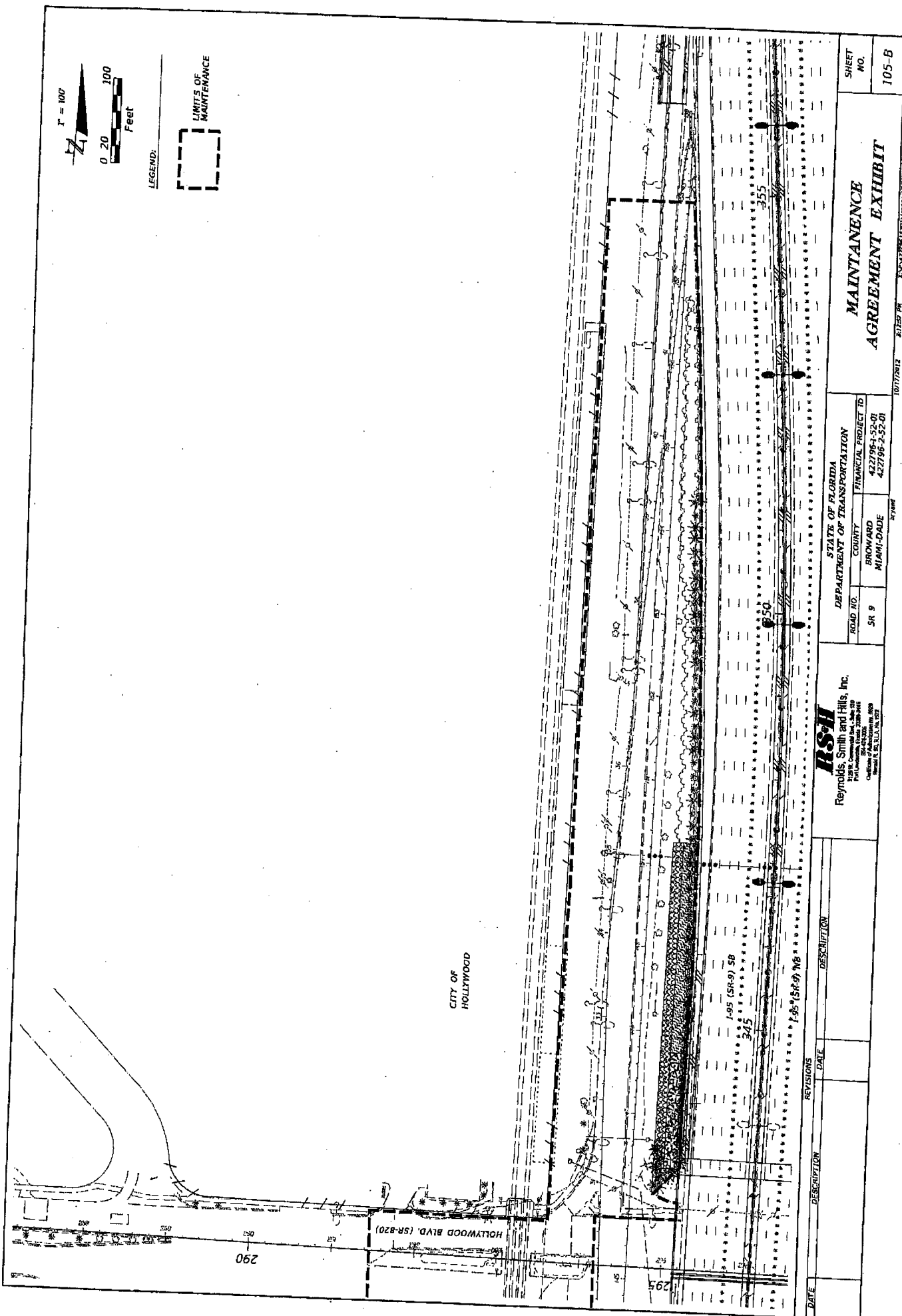
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LEGEND:



LIMITS OF MAINTENANCE



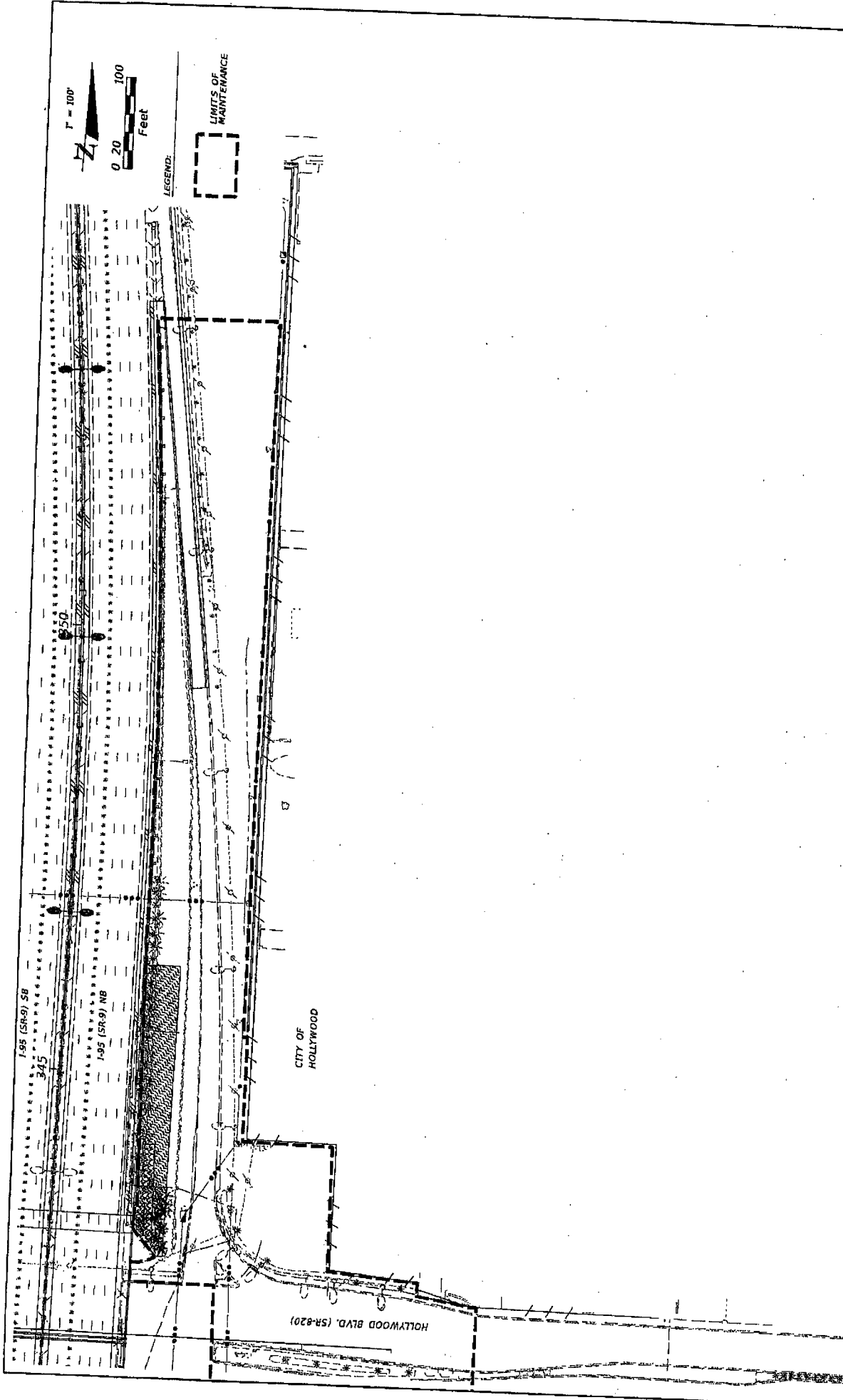
CITY OF HOLLYWOOD

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

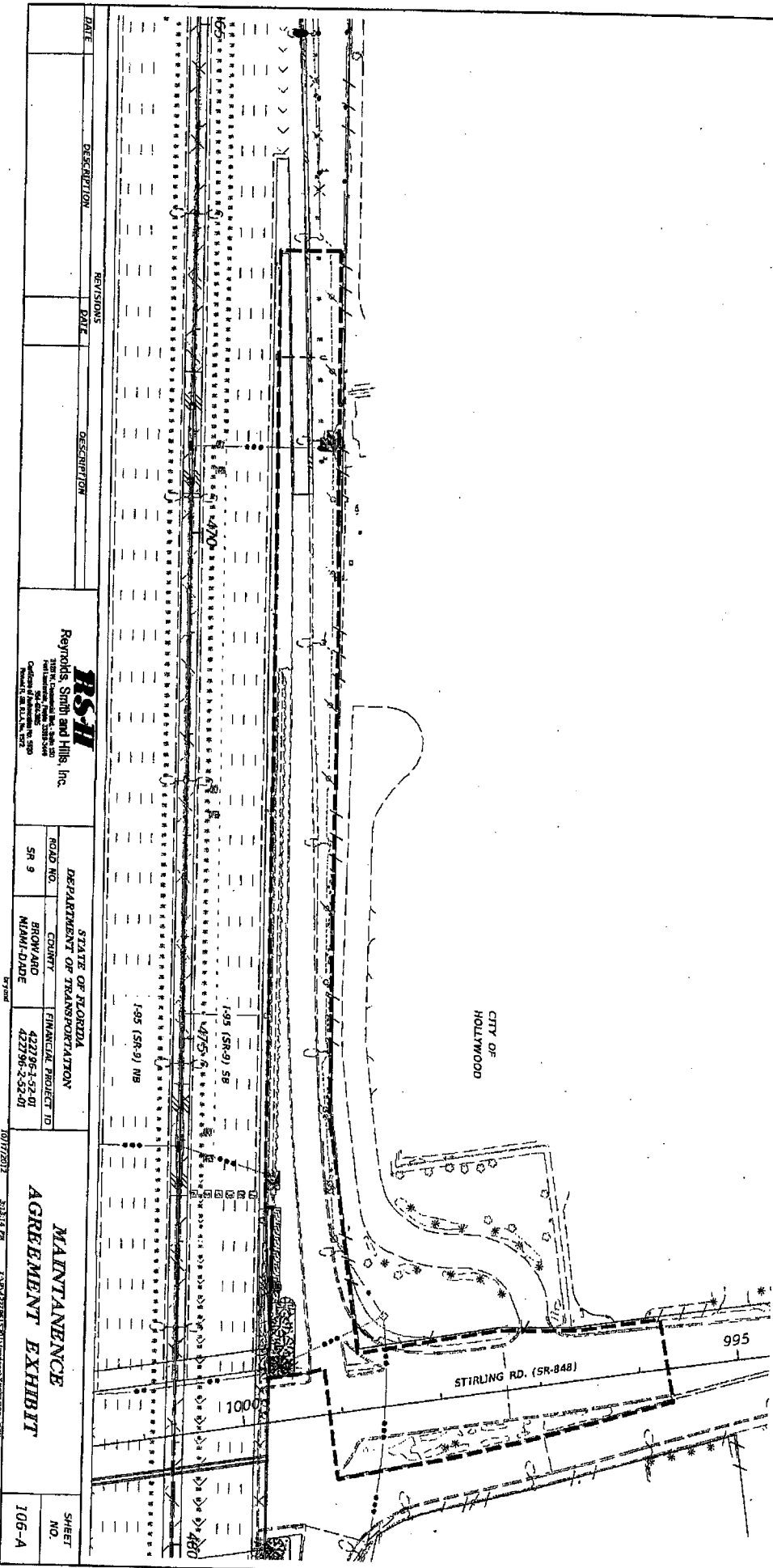
RS&H
 Reynolds, Smith and Hills, Inc.
 215 N. Orange Ave., Suite 2000
 Fort Lauderdale, Florida 33301-4444
 Certificate of Professional Registration
 No. 12,511, State of Florida, P.E.

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
ROAD NO. SR 9	COUNTY BROWARD
FINANCIAL PROJECT ID 422796-1-53-01	MIAMI-DADE 422796-2-32-01

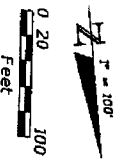
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MAINTENANCE AGREEMENT EXHIBIT		SHEET NO. 105-B	



DATE		REVISIONS		DESCRIPTION	
<p>RS&H Reynolds, Smith and Hills, Inc. 2521 K. Ochs Blvd., Suite 100 Fort Lauderdale, Florida 33309-5008 Division of Professional Reg. Reg. License No. 12114, No. 1217</p>					
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO.	
COUNTY		FINANCIAL PROJECT ID		SR 9	
BROWARD		422796-1-53-01		SR 9	
MIAMI-DADE		422796-2-32-01		SR 9	
<p>10/17/2012 3:18PM PM 10/17/2012 3:18PM PM</p>					
MAINTANENCE AGREEMENT EXHIBIT				SHEET NO.	
				105-D	



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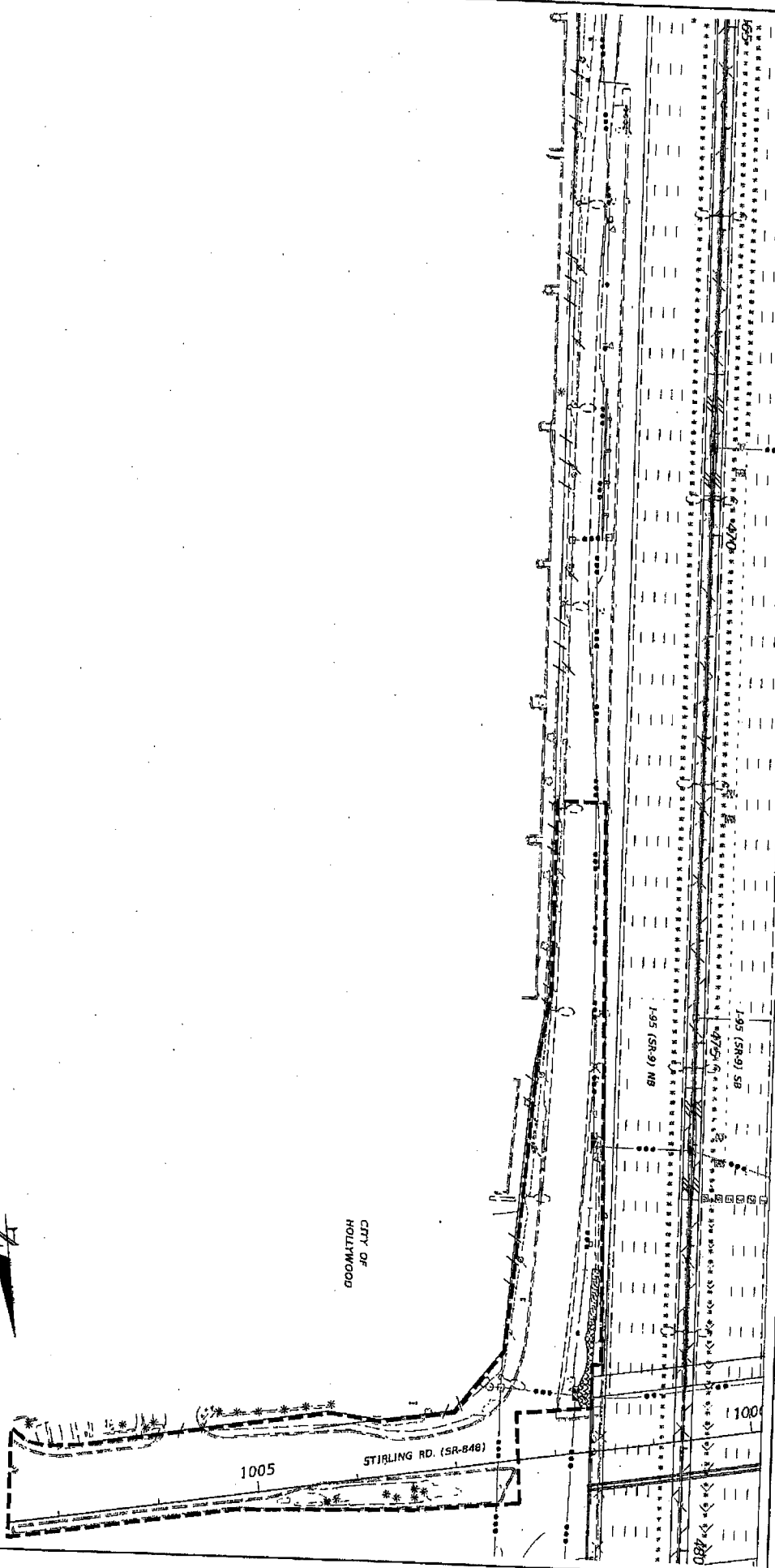


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

RS&H Reynolds, Smith and Hills, Inc. 10000 N.W. 11th Ave., Suite 200 Coral Gables, FL 33134 Phone: 305-442-1100 Fax: 305-442-1101 Website: www.rsandh.com		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 9 COUNTY BROWARD MIAMI-DADE FINANCIAL PROJECT ID 422796-2-32-01 422796-2-32-01	MAINTENANCE AGREEMENT EXHIBIT 10/17/2012 3:31:17 PM 23042279615201\MAINCON\W01\DS2.DWG	SHEET NO. 106-A
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

H-S-H	
Reynolds Smith and Hills, Inc.	
2720 N. Collins Ave., Suite 1100 P.O. Box 10000, Coral Gables, FL 33134 Cable: RSH/RSR Phone: 305.341.1100	
STATE OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY
SR 9	BROWARD
FINANCIAL PROJECT ID	
MIAMI-DADE	
427796-4-52-01	
427796-2-52-01	
Legend	
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MAINTENANCE AGREEMENT EXHIBIT	
SHEET NO.	106-B





LIFESCAPES INTERNATIONAL, INC.
 4930 CAMPUS DRIVE
 NEWPORT BEACH, CA 92660
 PH: 949.476.8888 FAX: 949.476.8854
 www.lifescapes.com

PROJECT DESIGN TEAM:
ARCHITECTS: J. JACKSON
LANDSCAPE ARCHITECTS: J. JACKSON
CREATIVE CONSULTANTS: J. JACKSON
STRUCTURAL ENGINEER: J. JACKSON
M.E.P. ENGINEER: J. JACKSON
GENERAL CONTRACTOR: J. JACKSON
CONSTRUCTION ADMINISTRATION & INSURANCE, INC.: J. JACKSON
PHOTOGRAPHER: J. JACKSON
PAINTER: J. JACKSON
CONCRETE: J. JACKSON
IRONWORK: J. JACKSON
WATERWORKS: J. JACKSON
LANDSCAPE IRRIGATION: J. JACKSON

OWNER: MARGARITAVILLE HOLLYWOOD
 MARGARITAVILLE HOLLYWOOD
 HOLLYWOOD, FLORIDA 33019

REVISIONS:
 NO. DATE REVISIONS

DESIGNED FOR TYPE OF CONSTRUCTION:
 DATE: 7/20/2011

NO. DATE REVISIONS

DATE: 7/20/2011
LANDSCAPE ARCHITECT: J. JACKSON
CONTRACT NO.: 11-1-2011-0001

DATE: 7/20/2011
DATE: 7/20/2011
CONTRACT NO.: 11-1-2011-0001
DATE: 7/20/2011

DATE: 7/20/2011
DATE: 7/20/2011
CONTRACT NO.: 11-1-2011-0001
DATE: 7/20/2011

SHEET NO.:
L0.00



LIFESCAPES
 INTERNATIONAL, INC.
 LANDSCAPE ARCHITECTS &
 DESIGNERS OF THEMED ENVIRONMENTS

4930 CAMPUS DRIVE
 NEWPORT BEACH, CA 92660
 PH: 949.476.8888 FAX: 949.476.8854

LANDSCAPE ARCHITECTURAL DRAWINGS FOR:

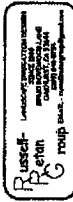
MARGARITAVILLE BEACH RESORT
 HOLLYWOOD, FLORIDA

MARGARITAVILLE HOLLYWOOD BEACH RESORT, LLC

3601 N OCEAN DRIVE
 HOLLYWOOD, FL 33019
 PH: 954.922.6491

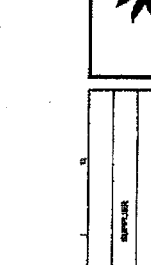
CONTACT: LON TABATCHNICK

CONSULTANTS



121 491-8888

RECEIVED
 MAY 14 2011
 1087 N. Y STREET



PROJECT REVISIONS TRACKING
 ARCHITECTS: L&L ASSOCIATES, INC.
 ARCHITECTS IN CHARGE: L&L ASSOCIATES, INC.
 PROJECT NO: 18-0000-01
 DATE: 11/03/11

CLIENT INFORMATION
 CLIENT NAME: M&M HOLDINGS, INC.
 CLIENT ADDRESS: 10000 WOODLARK DRIVE, SUITE 100
 HOUSTON, TEXAS 77060
 PROJECT NO: 18-0000-01

DESIGNER INFORMATION
 DESIGNER NAME: LANDSCAPE ARCHITECTS, INC.
 DESIGNER ADDRESS: 4001 WEST 10TH STREET, SUITE 100
 TOMBALL, TEXAS 77375
 PROJECT NO: 18-0000-01

DATE OF THIS DOCUMENT
 DATE: 11/03/11

REVISIONS

NO.	DATE	REVISION

LANDSCAPE FINISH SCHEDULE

KEY MAP:

SCALE: 1/8" = 1'-0"

PROJECT NO: 18-0000-01

FINISH SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	TYPE/MODEL NO.	MATERIAL	COLOR	FINISH	INTERIM AS-BUILT PHOTOGRAPHS	CLIENT	REMARKS
S-001	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-002	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-003	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-004	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-005	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-006	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-007	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-008	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-009	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-010	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-011	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-012	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-013	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-014	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-015	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-016	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-017	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-018	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-019	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			
S-020	POURED CONCRETE EXTERIOR WALKWAY	THE BURNHAM COMPANY	CITY EXTERIOR WALKWAY FINISH	PRECAST CONCRETE	LAUREL GREEN (L&L APPROVED)	WALKWAY			

1. ALL FINISHES AND COLORS SHALL BE AS SHOWN ON THE FINISH SCHEDULE SHEET AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 2. ALL FINISHES AND COLORS SHALL BE AS SHOWN ON THE FINISH SCHEDULE SHEET AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 3. CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS AND LABOR NEEDED TO COMPLETE THE FINISH SCHEDULE. 4. ALL FINISHES AND COLORS SHALL BE AS SHOWN ON THE FINISH SCHEDULE SHEET AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 5. ALL FINISHES AND COLORS SHALL BE AS SHOWN ON THE FINISH SCHEDULE SHEET AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



Manufacturing, Inc.
 10000 W. 11th Ave.
 Suite 100
 Fort Lauderdale, FL 33324
 Phone: (954) 341-1111
 Fax: (954) 341-1112
 Email: info@manufacturing.com

PRODUCT DESIGN TEAM:
 ARCHITECT: [Name]
 INTERIOR DESIGNER: [Name]
 CONTRACTOR: [Name]
 MANUFACTURER: [Name]

COMPANY:
 BROWNSVILLE HOLLWOOD
 3811 N. OCEAN DR.
 HOLLWOOD, FLORIDA 33023



SCALE:
 1" = 1'-0"

DESIGNED FOR: [Name]
DATE: 11/14/2011

REVISIONS:

No.	DATE	REVISIONS

PROJECT NAME:
 LANDSCAPE
 POTTERY & BITE AMENITY SCHEMES

KEY PLAN:

DATE: 11/14/2011
SCALE: AS SHOWN
DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: 11/14/2011

SHEET NO.:
L0.04

POTTERY SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	TYPE/MODEL NO.	MATERIAL	COLOR	FRESH	SIZE	QTY	SUPPLIER
POT-01	CERAMIC TILE 12" X 12"	ROCKWELL, INC.	ROCKWELL 1212	CERAMIC	CHINA	NATURAL	12" X 12" X 1/4"	100	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-02	CERAMIC TILE 18" X 18"	ROCKWELL, INC.	ROCKWELL 1818	CERAMIC	CHINA	NATURAL	18" X 18" X 1/4"	50	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-03	CERAMIC TILE 24" X 24"	ROCKWELL, INC.	ROCKWELL 2424	CERAMIC	CHINA	NATURAL	24" X 24" X 1/4"	25	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-04	CERAMIC TILE 36" X 36"	ROCKWELL, INC.	ROCKWELL 3636	CERAMIC	CHINA	NATURAL	36" X 36" X 1/4"	12	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-05	CERAMIC TILE 48" X 48"	ROCKWELL, INC.	ROCKWELL 4848	CERAMIC	CHINA	NATURAL	48" X 48" X 1/4"	6	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-06	CERAMIC TILE 60" X 60"	ROCKWELL, INC.	ROCKWELL 6060	CERAMIC	CHINA	NATURAL	60" X 60" X 1/4"	4	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-07	CERAMIC TILE 72" X 72"	ROCKWELL, INC.	ROCKWELL 7272	CERAMIC	CHINA	NATURAL	72" X 72" X 1/4"	3	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-08	CERAMIC TILE 84" X 84"	ROCKWELL, INC.	ROCKWELL 8484	CERAMIC	CHINA	NATURAL	84" X 84" X 1/4"	2	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-09	CERAMIC TILE 96" X 96"	ROCKWELL, INC.	ROCKWELL 9696	CERAMIC	CHINA	NATURAL	96" X 96" X 1/4"	1	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
POT-10	CERAMIC TILE 108" X 108"	ROCKWELL, INC.	ROCKWELL 108108	CERAMIC	CHINA	NATURAL	108" X 108" X 1/4"	1	ROCKWELL, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324

BITE AMENITY SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	TYPE/MODEL NO.	MATERIAL	COLOR	FRESH	SIZE	QTY	SUPPLIER
BITE-01	WOODEN BENCH 48" X 18" X 18"	WOODWORK, INC.	WOODWORK 481818	WOOD	WALNUT	NATURAL	48" X 18" X 18"	10	WOODWORK, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
BITE-02	WOODEN BENCH 72" X 18" X 18"	WOODWORK, INC.	WOODWORK 721818	WOOD	WALNUT	NATURAL	72" X 18" X 18"	5	WOODWORK, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
BITE-03	WOODEN BENCH 96" X 18" X 18"	WOODWORK, INC.	WOODWORK 961818	WOOD	WALNUT	NATURAL	96" X 18" X 18"	3	WOODWORK, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
BITE-04	WOODEN BENCH 120" X 18" X 18"	WOODWORK, INC.	WOODWORK 1201818	WOOD	WALNUT	NATURAL	120" X 18" X 18"	2	WOODWORK, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324
BITE-05	WOODEN BENCH 144" X 18" X 18"	WOODWORK, INC.	WOODWORK 1441818	WOOD	WALNUT	NATURAL	144" X 18" X 18"	1	WOODWORK, INC. 10000 W. 11th Ave. Suite 100 Fort Lauderdale, FL 33324

NOTES:
 1. MANUFACTURER SHALL VERIFY ALL POTTERY QUANTITIES PRIOR TO PROCUREMENT AND INSTALLATION.
 2. ALL POTTS TO BE ORDERED WITH A 10% WASTE ALLOWANCE.
 3. ALL POTTS TO BE ORDERED WITH A 10% WASTE ALLOWANCE.
 4. ALL POTTS TO BE ORDERED WITH A 10% WASTE ALLOWANCE.
 5. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND MATERIALS PRIOR TO PROCUREMENT.
 6. CONTRACTOR TO VERIFY ALL POTTERY QUANTITIES AND MATERIALS PRIOR TO PROCUREMENT.
 7. POTTS TO BE ORDERED WITH A 10% WASTE ALLOWANCE.



University of Florida
 100 University Blvd.
 Gainesville, FL 32611
 352-392-1000

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 12345
 EXPIRES 12/31/2024

OWNER
 UNIVERSITY OF FLORIDA
 100 UNIVERSITY BLVD.
 GAINESVILLE, FL 32611



DATE
 10/15/2023

PROJECT NO.
 2023-001

DATE
 10/15/2023

SCALE
 AS SHOWN

PROJECT
 UNIVERSITY OF FLORIDA

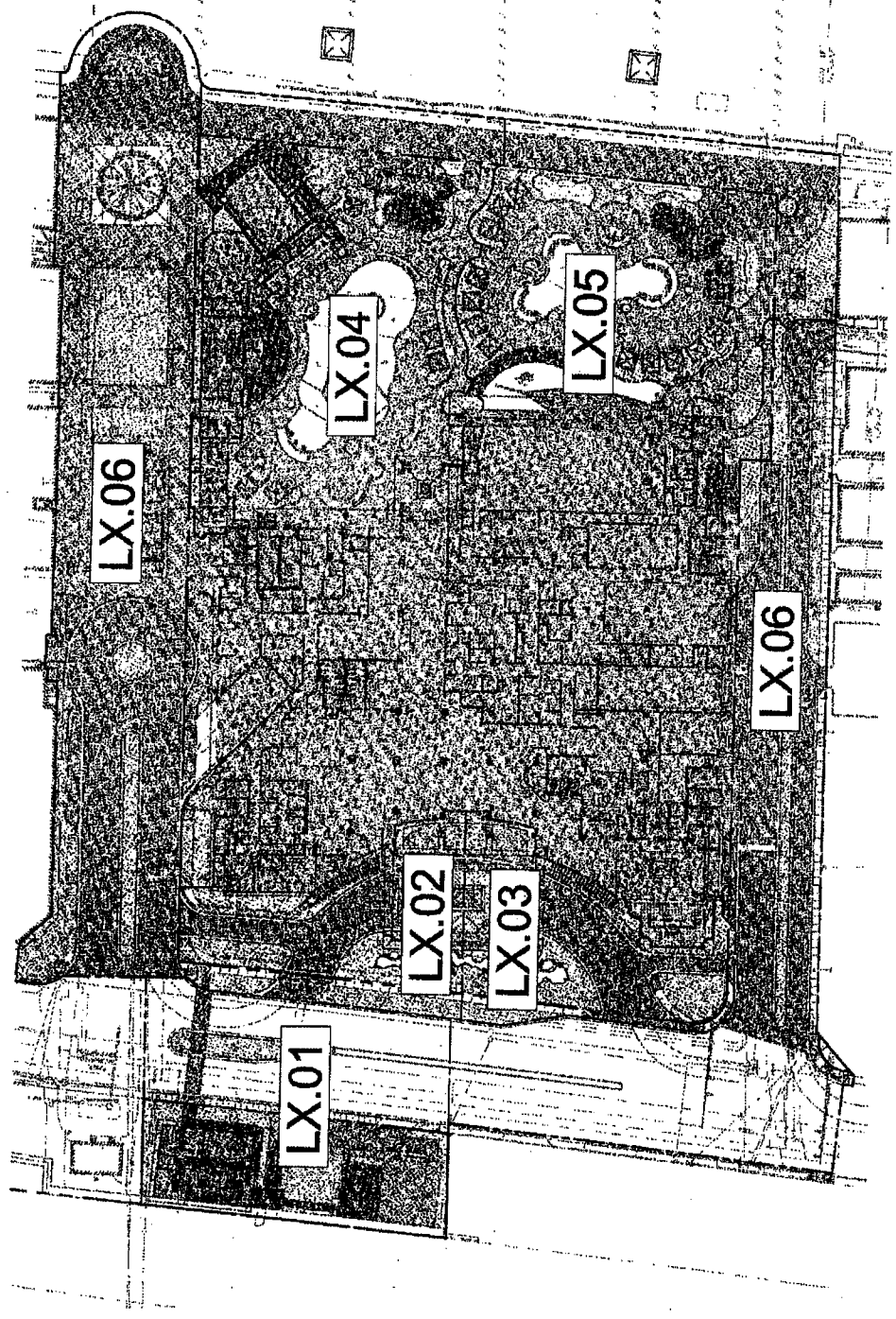
**UNIVERSITY OF FLORIDA
 LANDSCAPE - LEVEL 01
 SITE OBSERVATION PLAN**



DATE
 10/15/2023

PROJECT NO.
 2023-001

L1.01



NOT IN CONFORMITY



SCALE: 1/8" = 1'-0"



Landscape Architecture, Inc.
 1111 North ...
 ...
 ...

PROJECT DESIGN TEAM:
 ARCHITECT: ...
 ELECTRICAL ENGINEER: ...
 MECHANICAL ENGINEER: ...
 PLUMBING ENGINEER: ...
 ...

CLIENT: ...
 ...

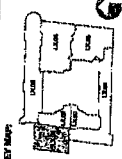


DATE: ...
PROJECT NO.: ...

REVISIONS:
 NO. DATE DESCRIPTION

NO.	DATE	DESCRIPTION

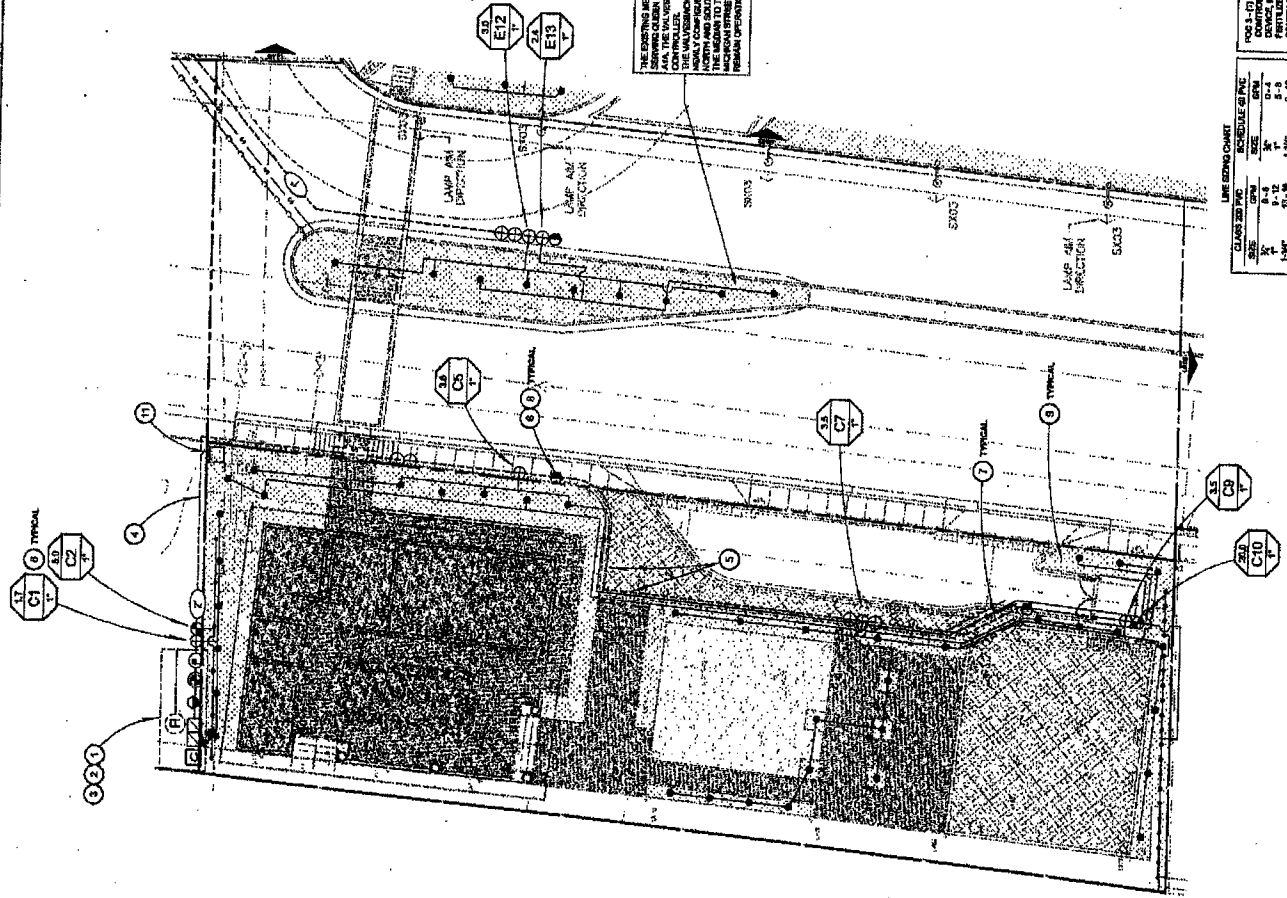
LANDSCAPE - LEVEL 01
 ...



DATE: ...
PROJECT NO.: ...

SHEET NO.: ...

- IRRIGATION CONSTRUCTION NOTES:**
1. POINT OF CONNECTION AND TO CHECK THIS WORK.
 2. IRRIGATION CONTRACTOR TO LOCATE EXISTING WATER MAIN AND TO BE IN WITH OTHER UTILITIES WORK.
 3. THE LANDSCAPE CONTRACTOR SHALL SUBMIT A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 4. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 5. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 7. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 8. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 9. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 10. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 11. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 12. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.
 13. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ELECTRICAL CONTRACTOR FOR REVIEW AND APPROVAL.



THE EXISTING MECHANICAL SYSTEM SHALL BE MAINTAINED AND THE NEW MECHANICAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MECHANICAL CONTRACTOR'S REQUIREMENTS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE MECHANICAL SYSTEM. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE MECHANICAL CONTRACTOR FOR REVIEW AND APPROVAL.

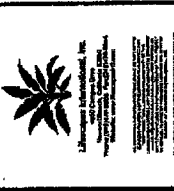
LINE SCHEDULE CHART

CLASS	NO.	SIZE	DEPTH	LENGTH	DATE

FOR A FULL LIST OF SUPPLIERS AND MATERIALS, SEE THE SUPPLIER LIST. THE SUPPLIER LIST IS A PART OF THE PROJECT MANUAL AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

DIG ALERT
 CALL 811
 BEFORE YOU DIG

Russell
 Construction Group



PROJECT DESIGNER
 ARCHITECTURE
 10000 BAYVIEW BLVD
 SUITE 100
 BAYVIEW, MI 48108

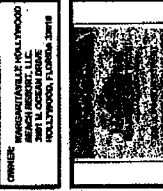
CREATIVE DESIGNER
 10000 BAYVIEW BLVD
 SUITE 100
 BAYVIEW, MI 48108

M.S.P. ENGINEERS
 10000 BAYVIEW BLVD
 SUITE 100
 BAYVIEW, MI 48108

DATE DRAWN
 10/10/10

SCALE
 AS SHOWN

OWNER
 HANGOUTABLE HOLLYWOOD
 ARCHITECT, L.L.C.
 10000 BAYVIEW BLVD
 SUITE 100, BAYVIEW, MI 48108



SEAL:

ISSUED FOR THIS CONSTRUCTION

DATE: 10/10/10

BY: DATE

REVISIONS:

NO.	DATE	REVISIONS

SHEET TITLE:
 LANDSCAPE - LEVEL 01
 IRRIGATION PLAN - FINISH

NET AREA:

DATE: 10/10/10

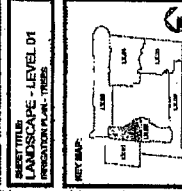
SCALE: 1" = 30'

PROJECT NO.: 10000

DATE: 10/10/10

SCALE: 1" = 30'

PROJECT NO.: 10000



DATE: 10/10/10

SCALE: 1" = 30'

PROJECT NO.: 10000

DATE: 10/10/10

SCALE: 1" = 30'

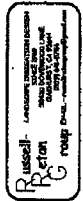
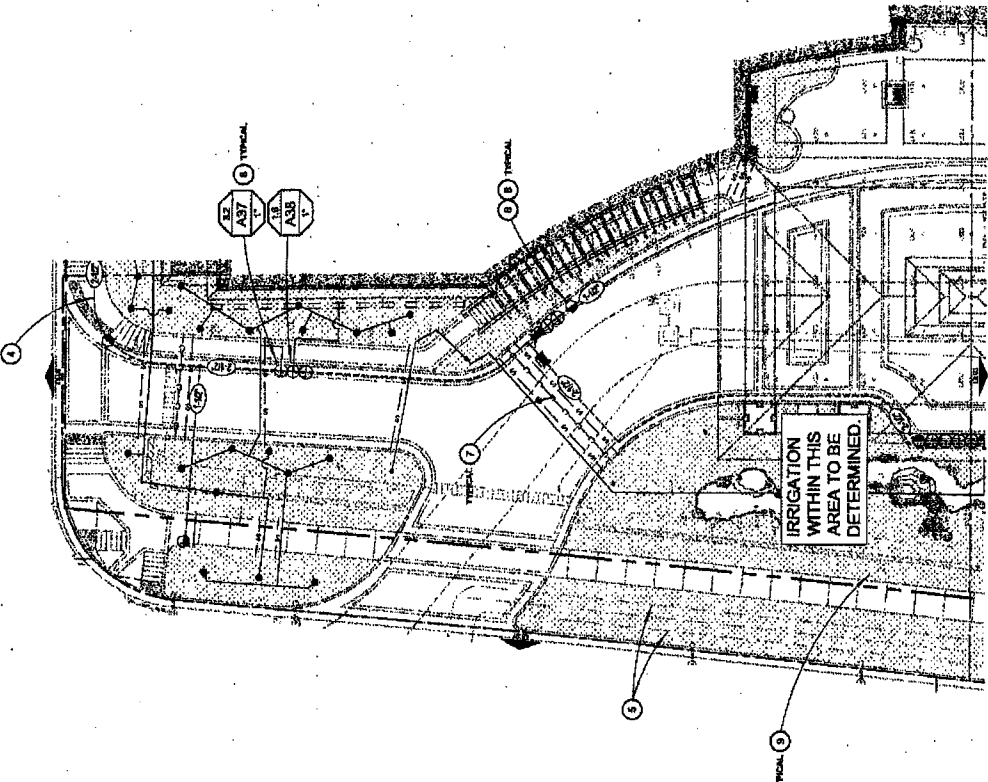
PROJECT NO.: 10000

SCALE: 1" = 30'

PROJECT NO.: 10000

IRRIGATION CONSTRUCTION NOTES:

1. ALL WORK TO BE IN ACCORDANCE WITH THE IRRIGATION PLAN AND THE IRRIGATION CONTRACT.
2. THE IRRIGATION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
3. THE IRRIGATION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
4. THE IRRIGATION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
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24. THE IRRIGATION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
25. THE IRRIGATION CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.



CLASS	SIZE	SCHEDULE	PRICE
1/2"	1/2"	10	1.50
3/4"	3/4"	10	2.00
1"	1"	10	2.50
1 1/2"	1 1/2"	10	3.50
2"	2"	10	4.50
2 1/2"	2 1/2"	10	5.50
3"	3"	10	6.50
3 1/2"	3 1/2"	10	7.50
4"	4"	10	8.50
4 1/2"	4 1/2"	10	9.50
5"	5"	10	10.50
5 1/2"	5 1/2"	10	11.50
6"	6"	10	12.50
6 1/2"	6 1/2"	10	13.50
7"	7"	10	14.50
7 1/2"	7 1/2"	10	15.50
8"	8"	10	16.50
8 1/2"	8 1/2"	10	17.50
9"	9"	10	18.50
9 1/2"	9 1/2"	10	19.50
10"	10"	10	20.50





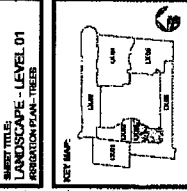
PROJECT DESIGNER:
ARCHITECT:
LANDSCAPE ARCHITECT:
CREATIVE CONSULTANT:
DATE:
SCALE:
PROJECT NO.:
DATE:

OWNER:
DATE:
SCALE:
PROJECT NO.:
DATE:



DATE:
SCALE:

DATE:
SCALE:

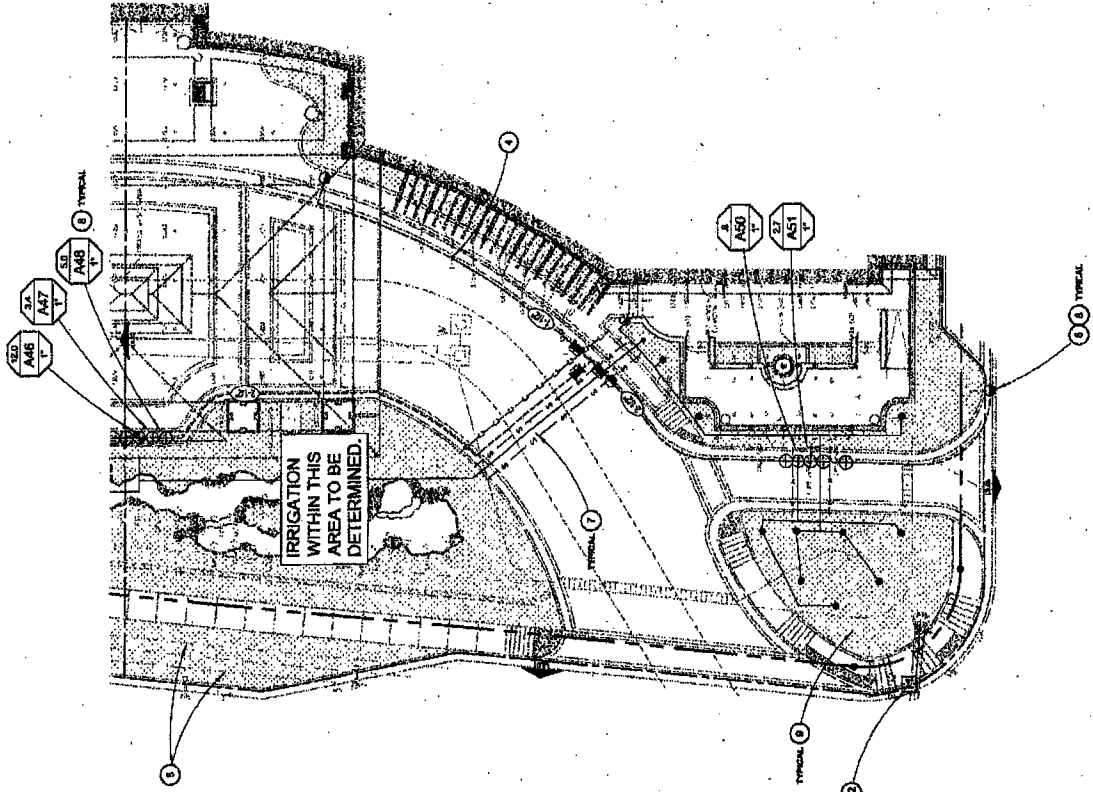


DATE:
SCALE:

DATE:
SCALE:

- IRRIGATION CONSTRUCTION NOTES:**
1. PLACE OF CONNECTION, IDENTIFY WITH THE OWNER.
 2. IRRIGATION CONNECTIONS TO EXISTING SYSTEMS ARE TO BE INSTALLED BY THE OWNER.
 3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
 4. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
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 13. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
 14. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
 15. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
 16. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
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 19. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.
 20. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE LOCATION TO THE LANDSCAPE ARCHITECT.

IRRIGATION WITHIN THIS AREA TO BE DETERMINED



DIG ALERT
FALL FREE
NO DRUGS
NO ALCOHOL

Russell-Ryan Group, Inc.
 Landscape Architecture
 10000 W. US HWY 1
 Suite 100
 Fort Lauderdale, FL 33322
 Phone: 954.577.1100
 Fax: 954.577.1101
 Email: russell-ryan.com

CLASS	DATE	BY	REVISION
1	12-15-11	JR	ISSUE FOR PERMIT
2	12-15-11	JR	ISSUE FOR PERMIT
3	12-15-11	JR	ISSUE FOR PERMIT
4	12-15-11	JR	ISSUE FOR PERMIT
5	12-15-11	JR	ISSUE FOR PERMIT
6	12-15-11	JR	ISSUE FOR PERMIT
7	12-15-11	JR	ISSUE FOR PERMIT
8	12-15-11	JR	ISSUE FOR PERMIT
9	12-15-11	JR	ISSUE FOR PERMIT
10	12-15-11	JR	ISSUE FOR PERMIT
11	12-15-11	JR	ISSUE FOR PERMIT
12	12-15-11	JR	ISSUE FOR PERMIT
13	12-15-11	JR	ISSUE FOR PERMIT
14	12-15-11	JR	ISSUE FOR PERMIT
15	12-15-11	JR	ISSUE FOR PERMIT

L8.03



Landscape Architecture, Inc.
 10000 S. Greenway
 Suite 100
 Houston, Texas 77044
 Phone: (713) 861-1111
 Fax: (713) 861-1112

PROJECT DESIGNER:
 LANDSCAPE ARCHITECTURE, INC.
 10000 S. GREENWAY, SUITE 100
 HOUSTON, TEXAS 77044
 PHONE: (713) 861-1111
 FAX: (713) 861-1112

OWNER:
 MANDALAY PALACE
 3801 N. GREENWAY
 HOUSTON, TEXAS 77048



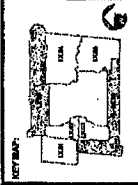
SCALE:
 AS SHOWN

ISSUED FOR THIS CONSTRUCTION:
 DATE: 11/11/91
 SHEET: 11

REVISIONS:

NO.	DATE	DESCRIPTION

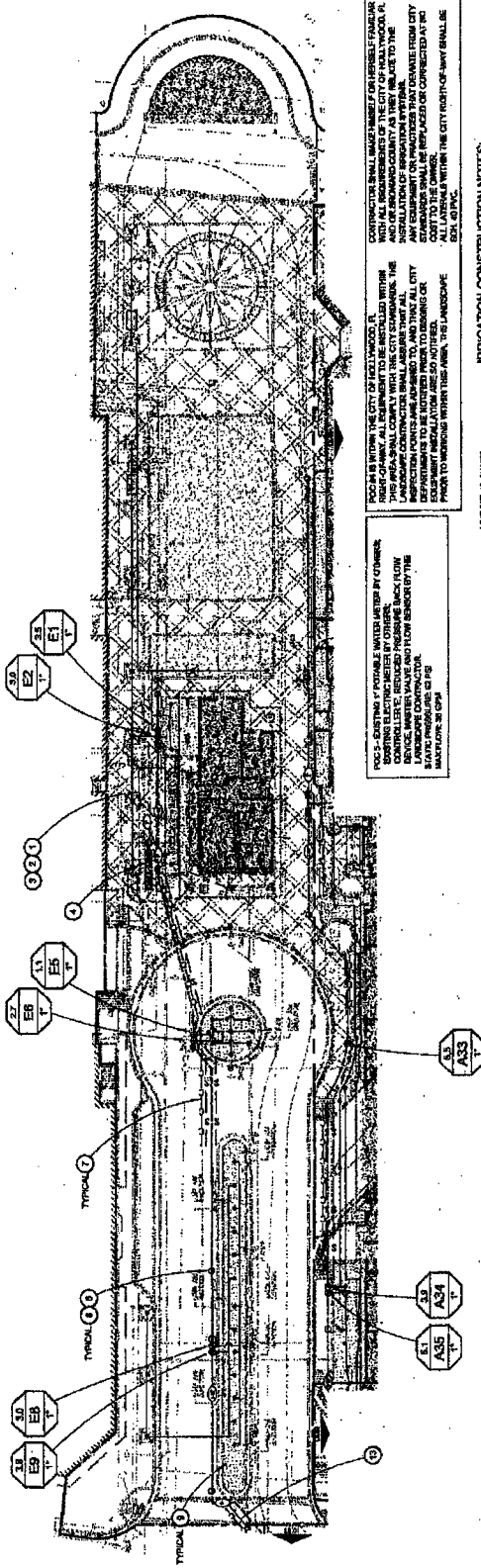
SHEET NO. 11
LANDSCAPE - LEVEL 01
FOUNDATION PLAN - TYPICAL



DATE: 07/11/91
SCALE: 1" = 10'-0"
PROJECT NO.: 91-001
CONTRACT NO.: 91-001

SHEET NO. 11
LANDSCAPE - LEVEL 01
FOUNDATION PLAN - TYPICAL
SCALE: 1" = 10'-0"

Russell
PC
Group Inc.
 LANDSCAPE ARCHITECTURE
 10000 S. GREENWAY, SUITE 100
 HOUSTON, TEXAS 77044
 PHONE: (713) 861-1111
 FAX: (713) 861-1112



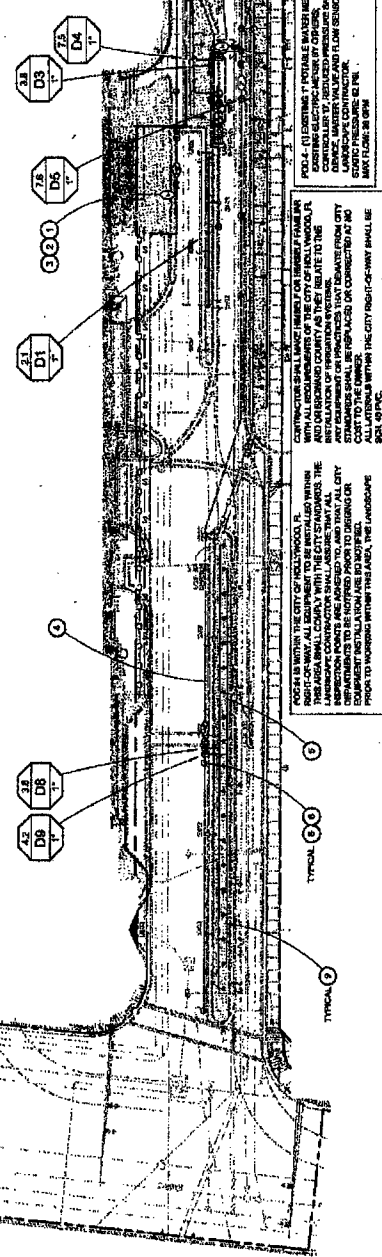
POCS - EXISTING 4" POTABLE WATER METER BY OWNER.
 EXISTING ELECTRICAL METER BY OWNER.
 THE METER SHALL BE INSTALLED IN THE
 LANDSCAPE METER VAULT AND SHALL BE
 PROTECTED FROM DAMAGE BY THE CITY
 DEPARTMENT OF PUBLIC WORKS.
 ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY
 DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY
 DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY
 DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.

LINE BEING CHANGED

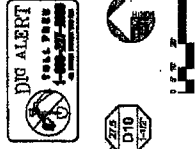
CLASS	NO.	SCALE	DATE

- IRRIGATION CONSTRUCTION NOTES:**
1. PROVIDE ALL CONSTRUCTION AND MATERIALS TO BE USED IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 2. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL IRRIGATION SYSTEMS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 3. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL EXISTING STRUCTURES.
 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 6. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 7. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
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 12. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.
 13. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.

POCS - (1) EXISTING 4" POTABLE WATER METER BY OWNER.
 EXISTING ELECTRICAL METER BY OWNER.
 THE METER SHALL BE INSTALLED IN THE
 LANDSCAPE METER VAULT AND SHALL BE
 PROTECTED FROM DAMAGE BY THE CITY
 DEPARTMENT OF PUBLIC WORKS.
 ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY
 DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.



POCS - (1) EXISTING 4" POTABLE WATER METER BY OWNER.
 EXISTING ELECTRICAL METER BY OWNER.
 THE METER SHALL BE INSTALLED IN THE
 LANDSCAPE METER VAULT AND SHALL BE
 PROTECTED FROM DAMAGE BY THE CITY
 DEPARTMENT OF PUBLIC WORKS.
 ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY
 DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS.



L8.06



LANDSCAPE ARCHITECTS
 PROJECT TEAM
 ARCHITECTS
 CIVIL ENGINEERS
 ELECTRICAL ENGINEERS
 MECHANICAL ENGINEERS
 PLUMBING ENGINEERS
 STRUCTURAL ENGINEERS
 TRAFFIC ENGINEERS
 ENVIRONMENTAL ENGINEERS
 GEOTECHNICAL ENGINEERS
 CIVIL ENGINEER
 ELECTRICAL ENGINEER
 MECHANICAL ENGINEER
 PLUMBING ENGINEER
 STRUCTURAL ENGINEER
 TRAFFIC ENGINEER
 ENVIRONMENTAL ENGINEER
 GEOTECHNICAL ENGINEER

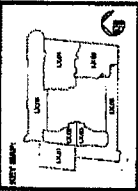
OWNER: RESIDENTIAL REALTY GROUP
 1001 N. OCEAN DRIVE
 SUITE 1000
 MIAMI, FL 33139



DATE: 11/11/11
DATE: 11/11/11

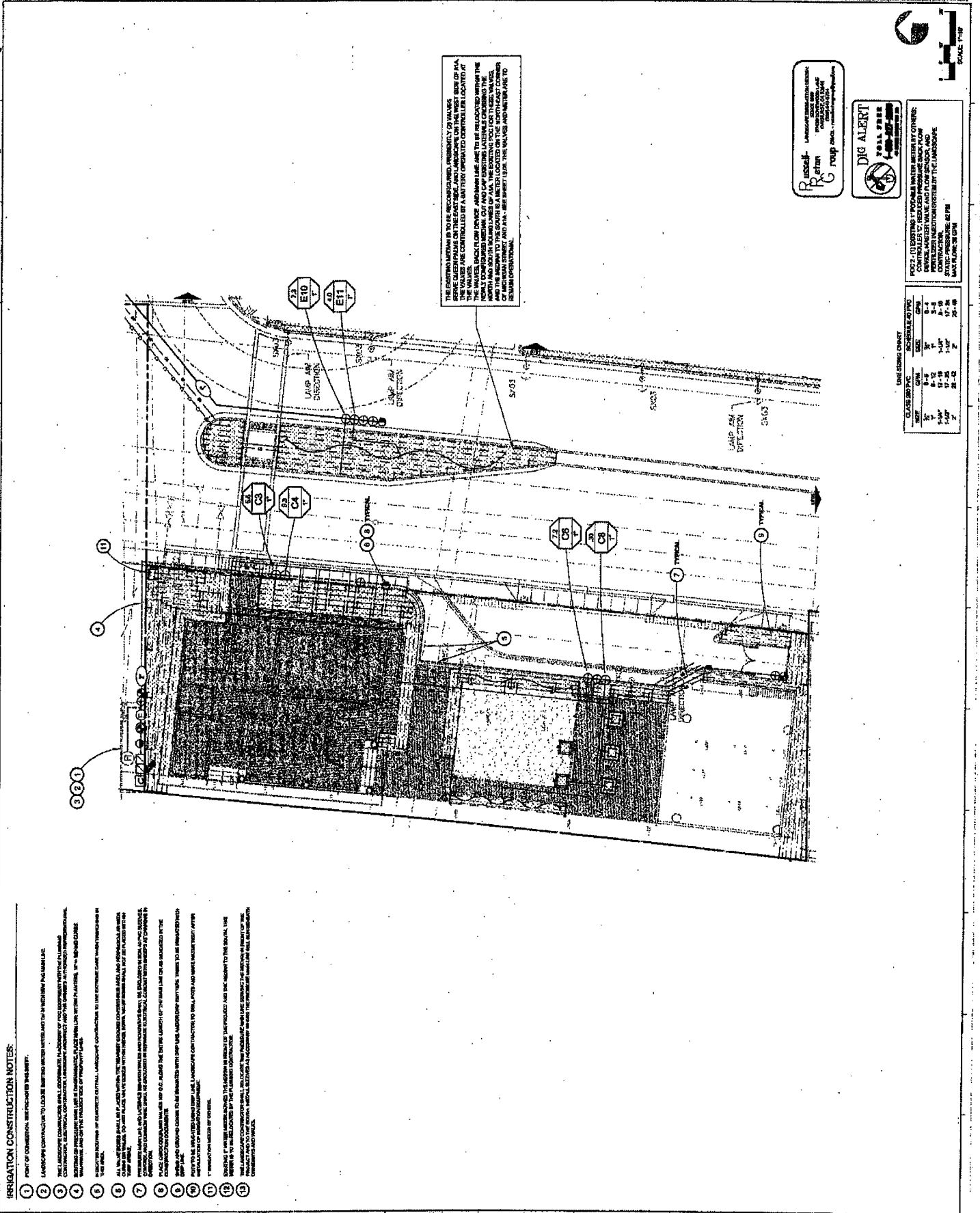
NO. DATE REVISIONS

SHEET TITLE:
 LANDSCAPE - LEVEL 01
 RESIDENTIAL - 1001 N. OCEAN DRIVE



SCALE: 1" = 20'
SCALE: 1" = 20'
SCALE: 1" = 20'

SHEET NO.:
L9.01



THE EXISTING MAINTENANCE TO BE RECOMMENDED, PROBABLY TO WALKERS...
 THE VALVES ARE CONTROLLED BY A UTILITY OPERATED CONTROLLED LOCATED AT...
 NORTH AND SOUTH TOWERS OF AIA, THE EXISTING POOL FOR THESE VALVES...
 OF ARCHITECTURE STREET AND AIA - SEE SHEET L201 FOR THE VALVES AND METER ARE TO...
 BE REMAIN OPERATIONAL.

Russell
 RETURN
 RUSSELL ENGINEERING
 1001 N. OCEAN DRIVE
 SUITE 1000
 MIAMI, FL 33139

DIG ALERT
 FULL FREE
 1-800-4-A-DETECT

DO NOT DISTURB ANY EXISTING UTILITIES (ELECTRIC, GAS, WATER, SEWER, FIBER OPTIC, ETC.) UNLESS SPECIFICALLY NOTED OTHERWISE. VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

- IRRIGATION CONSTRUCTION NOTES:**
1. POINT OF CONSTRUCTION, SEE INCLUSIVE PLAN SHEET.
 2. LANDSCAPE CONTRACTOR TO LOCATE EXISTING UTILITY LINES AND TO NOTIFY THE UTILITIES.
 3. THE LANDSCAPE CONTRACTOR SHALL COORDINATE PLACEMENT OF THE EXISTING UTILITY LINES WITH THE EXISTING UTILITY LINES.
 4. THE LANDSCAPE CONTRACTOR SHALL COORDINATE PLACEMENT OF THE EXISTING UTILITY LINES WITH THE EXISTING UTILITY LINES.
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 13. THE LANDSCAPE CONTRACTOR SHALL COORDINATE PLACEMENT OF THE EXISTING UTILITY LINES WITH THE EXISTING UTILITY LINES.

LINE SIZES CHART

CLASS	SIZE	DEPTH
1"	1"	12"
1.5"	1.5"	18"
2"	2"	24"
2.5"	2.5"	30"
3"	3"	36"
3.5"	3.5"	42"
4"	4"	48"
4.5"	4.5"	54"
5"	5"	60"
5.5"	5.5"	66"
6"	6"	72"
6.5"	6.5"	78"
7"	7"	84"
7.5"	7.5"	90"
8"	8"	96"
8.5"	8.5"	102"
9"	9"	108"
9.5"	9.5"	114"
10"	10"	120"



LANDSCAPE ARCHITECTS

PROJECT TEAM:
 ARCHITECTS:
 LANDSCAPE ARCHITECTS:
 ENGINEERS:
 PLUMBERS:
 ELECTRICAL ENGINEERS:
 MECHANICAL ENGINEERS:
 STRUCTURAL ENGINEERS:
 CIVIL ENGINEERS:
 ENVIRONMENTAL ENGINEERS:
 COST ESTIMATOR:
 QUALITY CONTROL:
 CONSULTING ENGINEERS & ARCHITECTS, INC.

OWNER:
 UNIVERSITY OF FLORIDA
 2101 UNIVERSITY BLVD.
 TALLAHASSEE, FL 32310

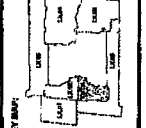


SCALE:
 1/8" = 1'-0"

DESIGNED FOR: IFC CONSTRUCTION
 DRAWING NO.: 19070171

REVISIONS:
 NO. DATE DESCRIPTION

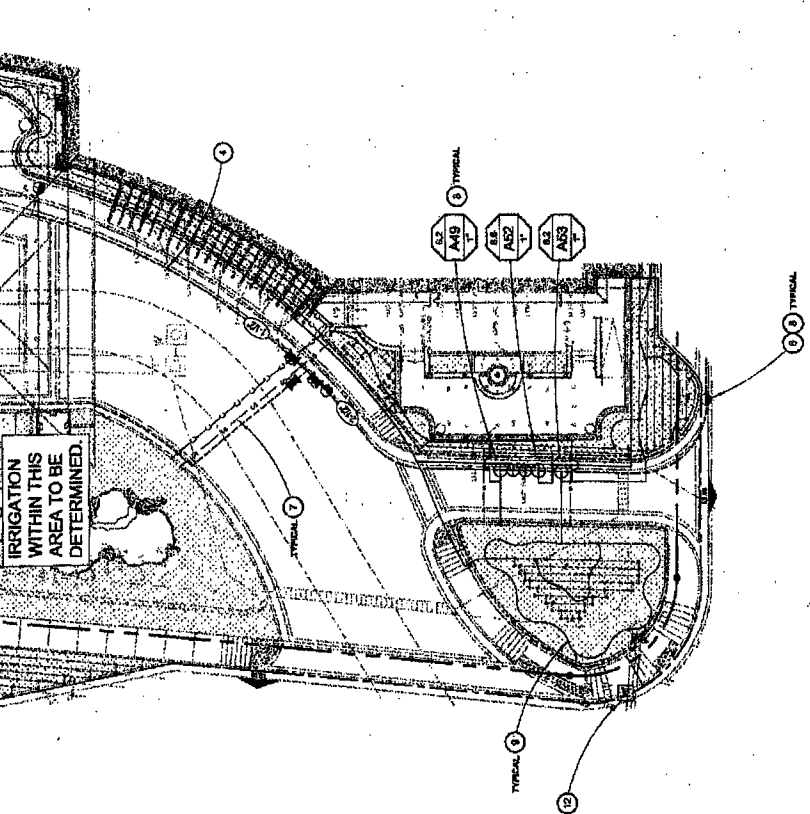
LANDSCAPE - LEVEL 01
 IRRIGATION PLANS - SHIMERS



DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

SHEET NO.: L9.03

- IRRIGATION CONSTRUCTION NOTES:
- 1 POINT OF CONNECTION, SEE EPC NOTES FOR DETAILS.
 - 2 LANDSCAPE CONNECTION TO EXISTING MAINLINE WATER SERVICE AND THE IRRIGATION MAINLINE SHALL BE MADE AT THE POINT OF CONNECTION.
 - 3 ALL IRRIGATION CONNECTIONS SHALL BE MADE AT THE POINT OF CONNECTION AND THE CONNECTION SHALL BE MADE AT THE POINT OF CONNECTION.
 - 4 ALL IRRIGATION CONNECTIONS SHALL BE MADE AT THE POINT OF CONNECTION AND THE CONNECTION SHALL BE MADE AT THE POINT OF CONNECTION.
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 - 21 ALL IRRIGATION CONNECTIONS SHALL BE MADE AT THE POINT OF CONNECTION AND THE CONNECTION SHALL BE MADE AT THE POINT OF CONNECTION.
 - 22 ALL IRRIGATION CONNECTIONS SHALL BE MADE AT THE POINT OF CONNECTION AND THE CONNECTION SHALL BE MADE AT THE POINT OF CONNECTION.
 - 23 ALL IRRIGATION CONNECTIONS SHALL BE MADE AT THE POINT OF CONNECTION AND THE CONNECTION SHALL BE MADE AT THE POINT OF CONNECTION.



LINE SIZES CHART

CLASS	SIZE	SCALE TO PVC
1	2" - 4"	1/4"
2	1/2" - 1"	1/8"
3	1 1/4" - 2"	3/16"
4	2 1/2" - 4"	3/8"
5	6" - 8"	1/2"
6	10" - 12"	5/8"
7	16" - 24"	3/4"
8	30" - 36"	1"

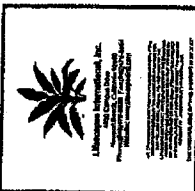


DIG ALERT
 CALL 811
 BEFORE YOU DIG

GROUP CHART

GROUP	SCALE TO GROUP
1	1/8"
2	1/4"
3	3/8"
4	1/2"
5	3/4"
6	1"

SCALE: 1/8" = 1'-0"



LANDSCAPE ARCHITECTURE, INC.
 1100 N. W. 10th Street
 Fort Lauderdale, Florida 33304
 Telephone: (305) 463-1100
 Telex: 511000
 Fax: (305) 463-1100

PAULINE DESIGN THINK
 1100 N. W. 10th Street
 Fort Lauderdale, Florida 33304
 Telephone: (305) 463-1100
 Telex: 511000
 Fax: (305) 463-1100

CONTRACTOR:
 BRUNNENBERG HOLLWOOD
 3801 N. OCEAN DRIVE
 HOLLWOOD, FLORIDA 33023

DESIGNED FOR THE CONTRACTOR:
 DATE: 11/19/81

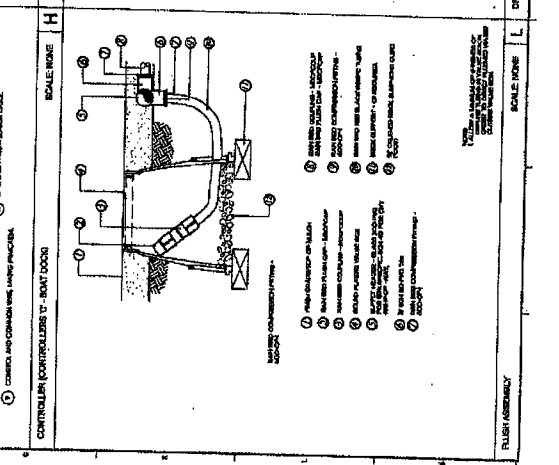
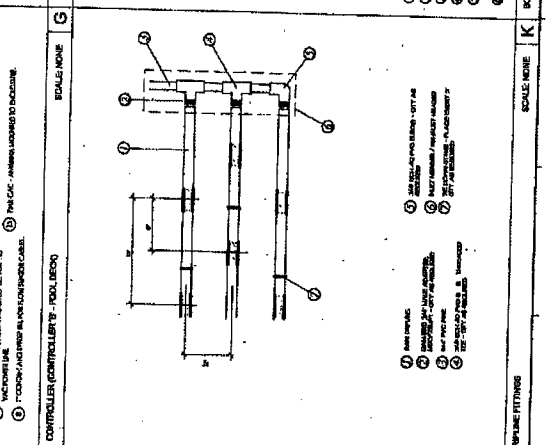
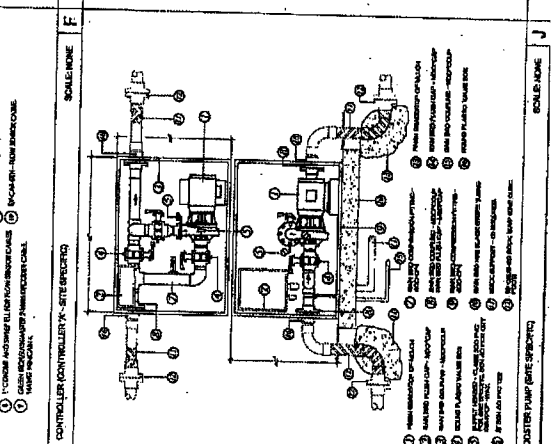
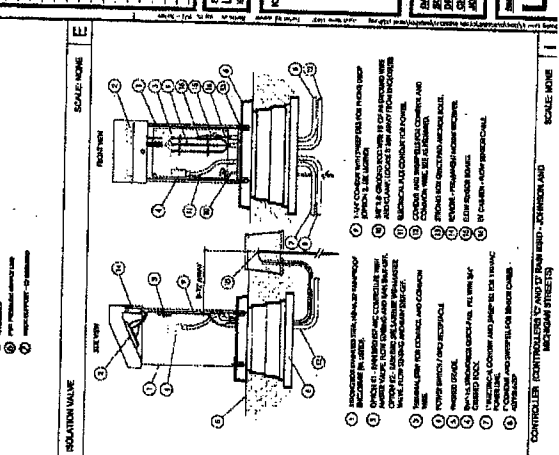
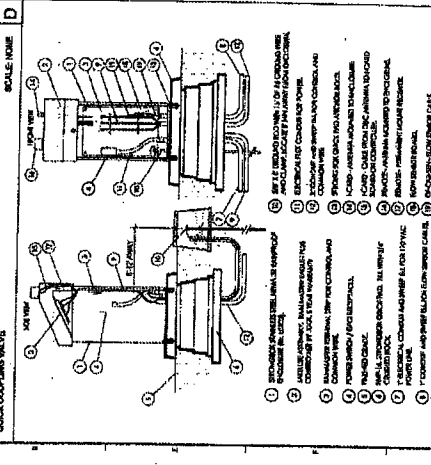
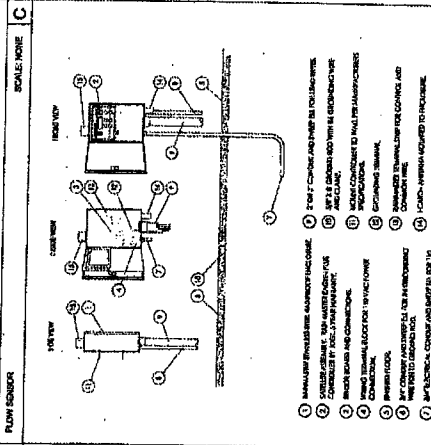
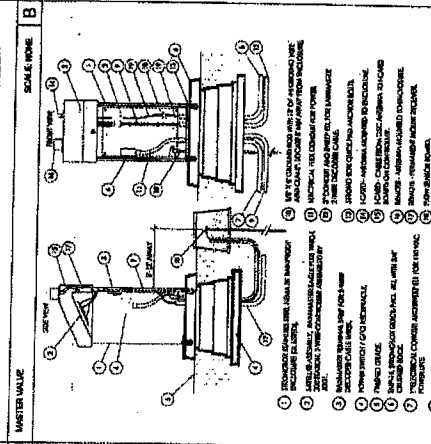
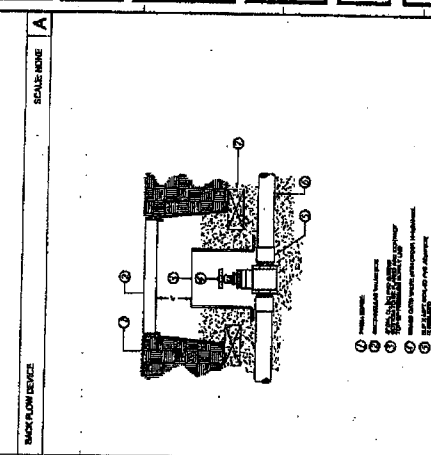
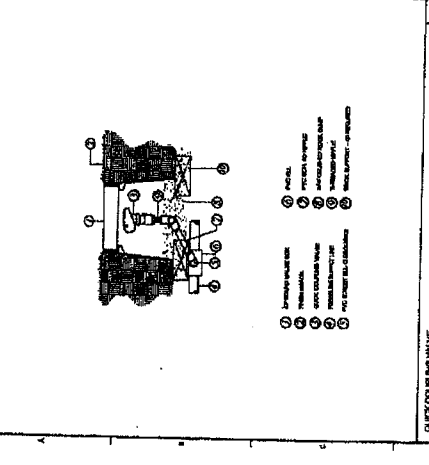
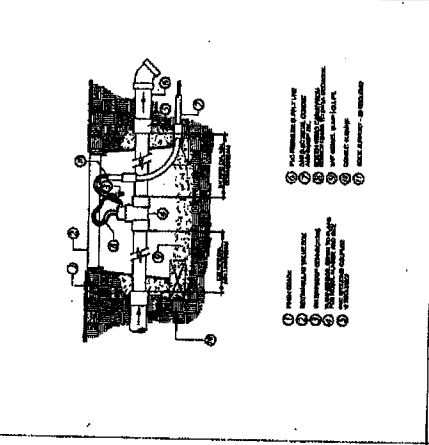
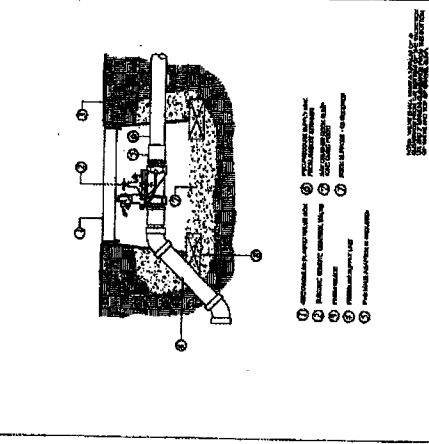
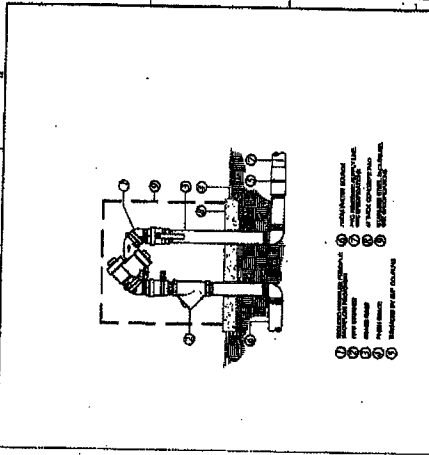
REVISIONS:
 NO. DATE DESCRIPTION

PROJECT TITLE:
 LANDSCAPE
 IRRIGATION SYSTEMS

KEY MAP:

SCALE:
 AS NOTED
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]

L10.01





Landscape Architecture, Inc.
1111 South Orange Avenue
Orlando, Florida 32801
Phone: (407) 253-2222
Fax: (407) 253-2223
www.landscape-arch.com

PROJECT DESIGN TEAM:
ARCHITECT: [blank]
Landscape Architecture, Inc.
1111 South Orange Avenue
Orlando, Florida 32801
Phone: (407) 253-2222
Fax: (407) 253-2223
www.landscape-arch.com

CLIENT:
[blank]

OWNER:
MANORVILLE HILLWOOD
3801 N. US HWY 17
HOLLYWOOD, FLORIDA 33021



ISSUED FOR: FINAL CONSTRUCTION
DATE: [blank]

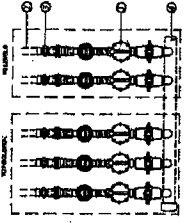
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PROJECT TITLE:
LANDSCAPE
PREPARATION DETAILS

KEY MAP:
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DATE: [blank]

PROJECT NO.:
L10.03



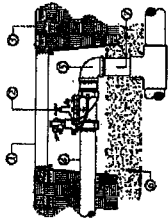
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- 12. REMOTE CONTROL VALVE

SCALE: NONE

SCALE: NONE

SCALE: NONE

SCALE: NONE



- 1. REMOTE CONTROL VALVE
- 2. REMOTE CONTROL VALVE
- 3. REMOTE CONTROL VALVE
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- 5. REMOTE CONTROL VALVE
- 6. REMOTE CONTROL VALVE

SCALE: NONE

SCALE: NONE

SCALE: NONE

SCALE: NONE

SCALE: NONE

SCALE: NONE



LANDSCAPE ARCHITECTS, INC.
1400 N.W. 11th Street
Fort Lauderdale, Florida 33304
Phone: (305) 467-1111
Fax: (305) 467-1112
www.landscapearchitects.com

PROJECT NUMBER: 2009-01
PROJECT NAME: BAYVIEW
OWNER: BAYVIEW
DATE: 12/15/09

OWNER: BAYVIEW
ADDRESS: 1400 N.W. 11th Street
CITY: Fort Lauderdale, Florida 33304



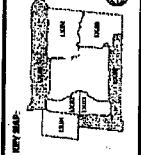
SCALE: AS SHOWN

DESIGNER: LANDSCAPE ARCHITECTS, INC.
DATE: 12/15/09

NO. DATE REVISIONS

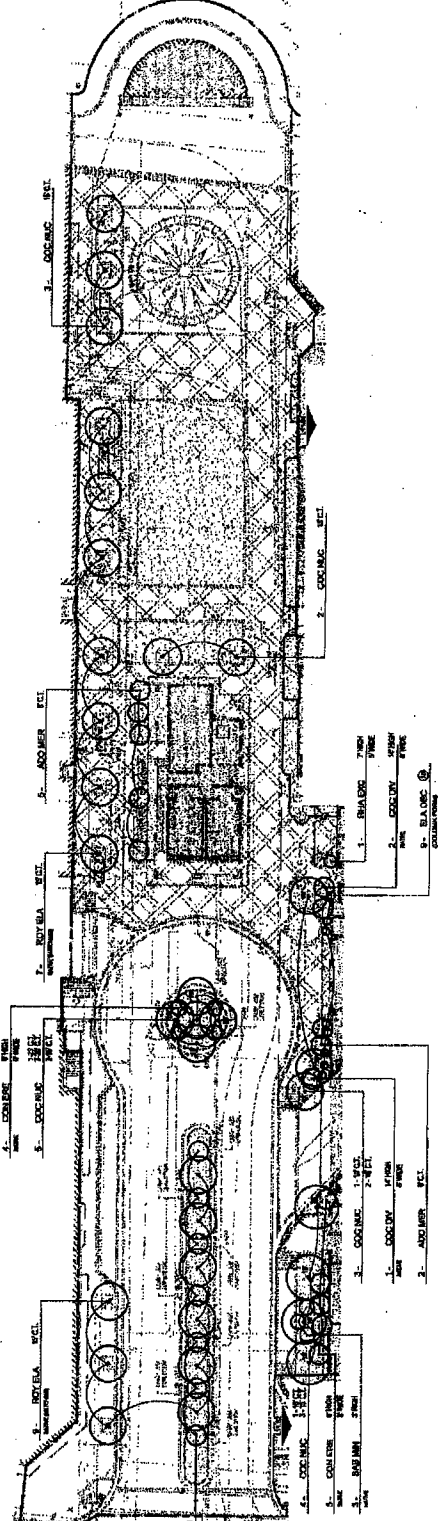
SHEET NO.: L11.06

SHEET TITLE: LANDSCAPE - LEVEL 01
PLANTING PLAN - TREES



DATE: 12/15/09
SCALE: 1" = 30' 0"

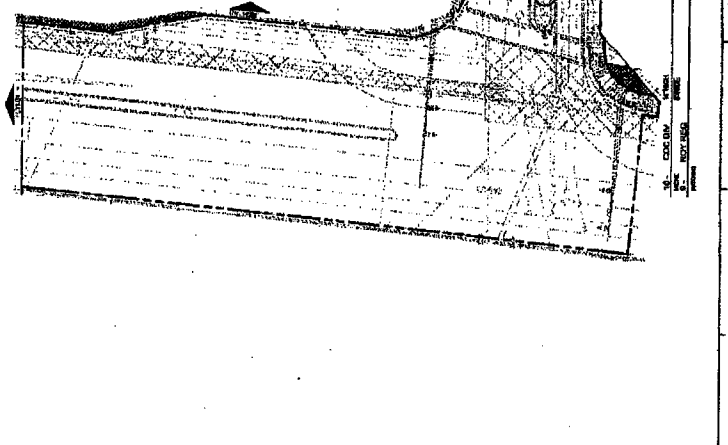
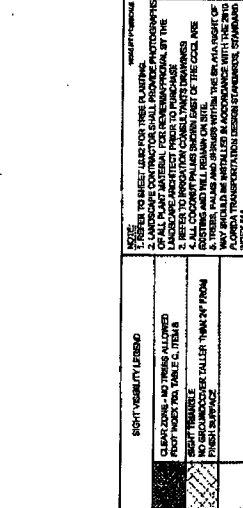
SHEET NO.: L11.06



TREE LEGEND

NO.	SYMBOL	COMMON NAME	PLANT CODE	PLANT CODE	PLANT CODE	PLANT CODE	PLANT CODE
1	(Symbol)	ACACIA	ACACIA	ACACIA	ACACIA	ACACIA	ACACIA
2	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
3	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
4	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
5	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
6	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
7	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
8	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
9	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
10	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
11	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
12	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
13	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
14	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
15	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
16	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
17	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
18	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
19	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
20	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
21	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
22	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
23	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
24	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE
25	(Symbol)	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE	ALBUQUERQUE

1. TREE PLANTING SHALL BE IN ACCORDANCE WITH THE FLORIDA LANDSCAPE ARCHITECTURE BOARD'S (FLA-LA) STANDARDS FOR PLANTING PRACTICES.
2. LANDSCAPE CONTRACTOR SHALL PROVIDE PHOTOGRAPHS OF THE PLANTS TO BE USED IN THE LANDSCAPE.
3. REFER TO SPECIFICATION SECTION 05110 FOR PLANTING REQUIREMENTS.
4. ALL PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
5. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
6. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
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24. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
25. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:



RIGHT VISIBILITY LEGEND

1. TREE PLANTING SHALL BE IN ACCORDANCE WITH THE FLORIDA LANDSCAPE ARCHITECTURE BOARD'S (FLA-LA) STANDARDS FOR PLANTING PRACTICES.
2. LANDSCAPE CONTRACTOR SHALL PROVIDE PHOTOGRAPHS OF THE PLANTS TO BE USED IN THE LANDSCAPE.
3. REFER TO SPECIFICATION SECTION 05110 FOR PLANTING REQUIREMENTS.
4. ALL PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
5. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
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24. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:
25. PLANTS SHALL BE INSTALLED WITH THE FOLLOWING SPECIFICATIONS:



Lushscape International, Inc.
 10000 W. 11th Avenue, Suite 100
 Denver, Colorado 80202
 Phone: (303) 751-1100
 Fax: (303) 751-1101
 Website: www.lushscape.com

PROJECT DESIGN TEAM
 ARCHITECT: [FIRM NAME]
 LANDSCAPE ARCHITECT: [FIRM NAME]
 CIVIL ENGINEER: [FIRM NAME]
 MECHANICAL ENGINEER: [FIRM NAME]
 ELECTRICAL ENGINEER: [FIRM NAME]
 STRUCTURAL ENGINEER: [FIRM NAME]
 CONSTRUCTION MANAGEMENT: [FIRM NAME]

OWNER: BANGORVILLE HILLYWOOD
 3801 N. CROWN DRIVE
 HOLLYWOOD, FLORIDA 33029



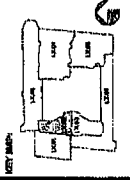
REVISIONS

NO.	DATE	REVISION

DESIGNED FOR THE CONSTRUCTION
 DATE: 11/18/01

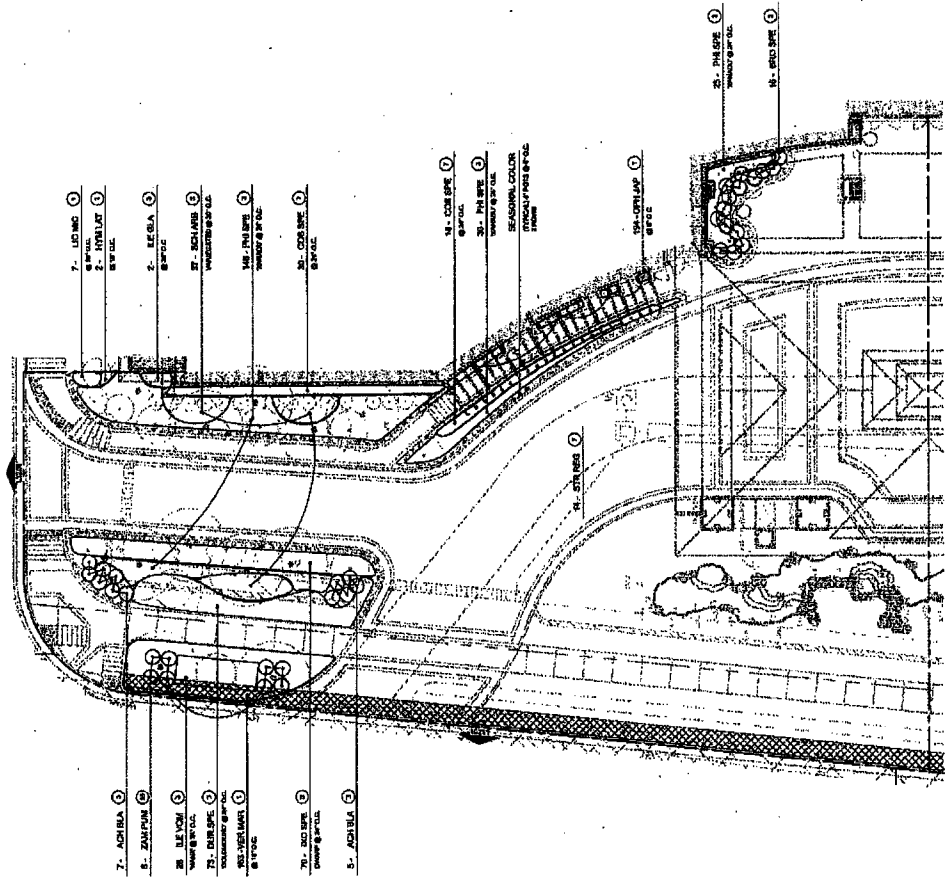
PROJECT NO. [NUMBER]
DATE [DATE]
REVISION [REVISIONS]

PROJECT NAME: LANDSCAPE - LEVEL 01
PLANTING PLAN - SHRUBS



DATE: 11/18/01
SCALE: 1" = 20'-0"
DESIGNED BY: [NAME]
CHECKED BY: [NAME]

SHEET NO. L12.02




NOTES:
 1. REFER TO SHEET L12.00 FOR PLANTING SCHEDULE.
 2. PLANTING SHALL BE INSTALLED IN ACCORDANCE WITH THE SCHEDULE.
 3. PLANTING SHALL BE INSTALLED IN ACCORDANCE WITH THE SCHEDULE.
 4. PLANTING SHALL BE INSTALLED IN ACCORDANCE WITH THE SCHEDULE.
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 9. PLANTING SHALL BE INSTALLED IN ACCORDANCE WITH THE SCHEDULE.
 10. PLANTING SHALL BE INSTALLED IN ACCORDANCE WITH THE SCHEDULE.

SHRUB LEGEND

NO.	SYMBOL	PLANT NAME	HT.	DBH.	SPACING
01	[Symbol]	ACHELA	12'	1.5"	10' x 10'
02	[Symbol]	BAYON	12'	1.5"	10' x 10'
03	[Symbol]	CORNUS	12'	1.5"	10' x 10'
04	[Symbol]	LINDA	12'	1.5"	10' x 10'
05	[Symbol]	PINE	12'	1.5"	10' x 10'
06	[Symbol]	VIBURNUM	12'	1.5"	10' x 10'
07	[Symbol]	ZAMPUNA	12'	1.5"	10' x 10'
08	[Symbol]				
09	[Symbol]				
10	[Symbol]				
11	[Symbol]				
12	[Symbol]				
13	[Symbol]				
14	[Symbol]				
15	[Symbol]				
16	[Symbol]				
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96	[Symbol]				
97	[Symbol]				
98	[Symbol]				
99	[Symbol]				
100	[Symbol]				

1. DIMENSIONS OF SHRUBS TO BE PLANTED ARE GIVEN IN FEET AND INCHES. THE NUMBER OF SHRUBS TO BE PLANTED IS GIVEN IN THE SCHEDULE. THE NUMBER OF SHRUBS TO BE PLANTED IS GIVEN IN THE SCHEDULE. THE NUMBER OF SHRUBS TO BE PLANTED IS GIVEN IN THE SCHEDULE.



Evergreen Landscape, Inc.
Landscape Architecture
10000 N. 10th Street, Suite 100
Seattle, WA 98107
Phone: (206) 835-1234
Fax: (206) 835-5678
www.evergreenlandscape.com

PROJECT TEAM:
ARCHITECT: [FIRM NAME]
Landscape Architect: [FIRM NAME]
Landscape Designer: [FIRM NAME]
Landscape Contractor: [FIRM NAME]

OWNER:
[OWNER NAME]
[OWNER ADDRESS]
[OWNER CITY, STATE, ZIP]

DATE: [DATE]
SCALE: 1" = 10'

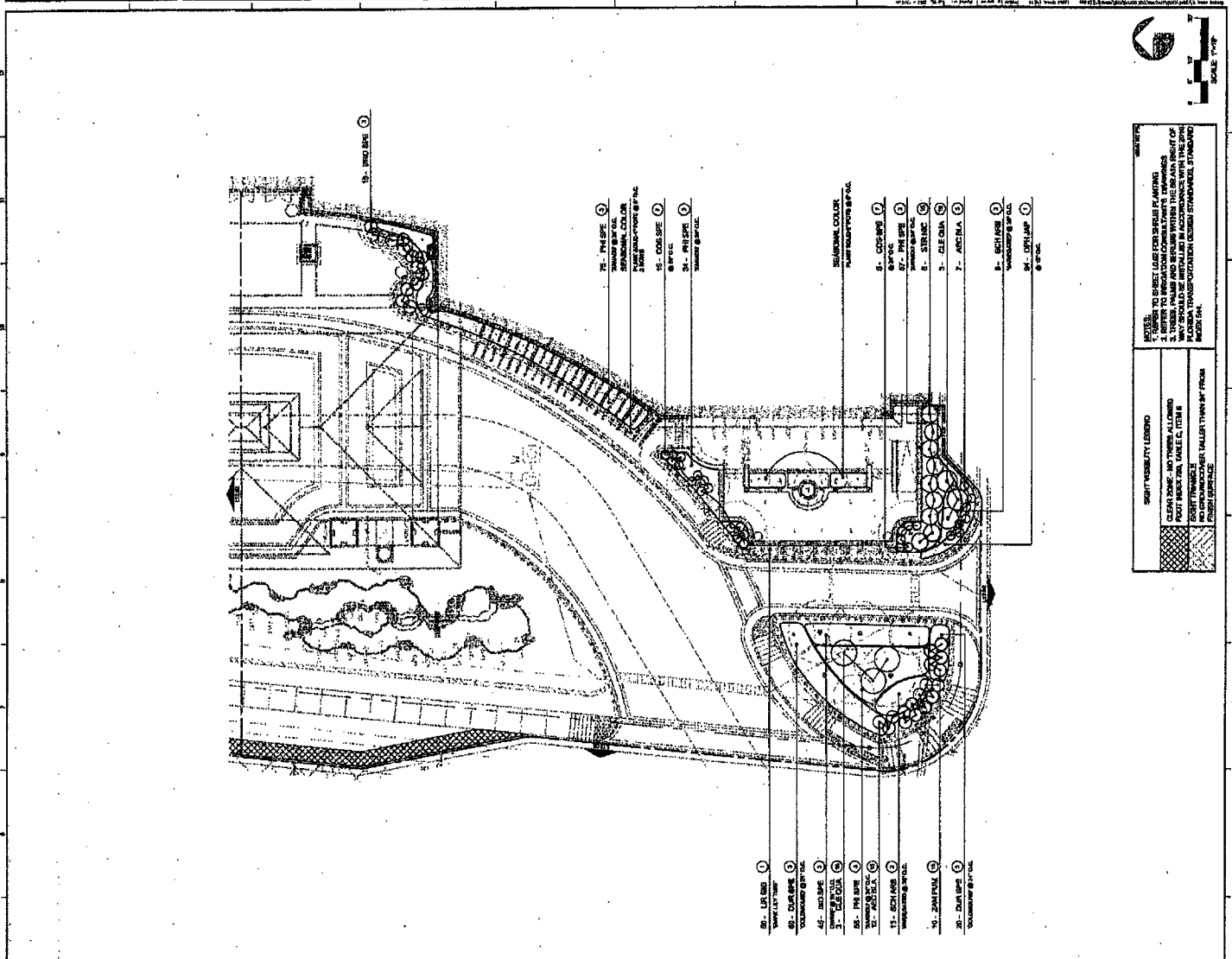
REVISIONS:

NO.	DATE	DESCRIPTION

SHEET TITLE:
LANDSCAPE - LEVEL 01
PLANTING PLAN - SHRUBS

DATE: [DATE]
SCALE: 1" = 10'
DRAWN BY: [NAME]
CHECKED BY: [NAME]

PROJECT NO.: [PROJECT NUMBER]



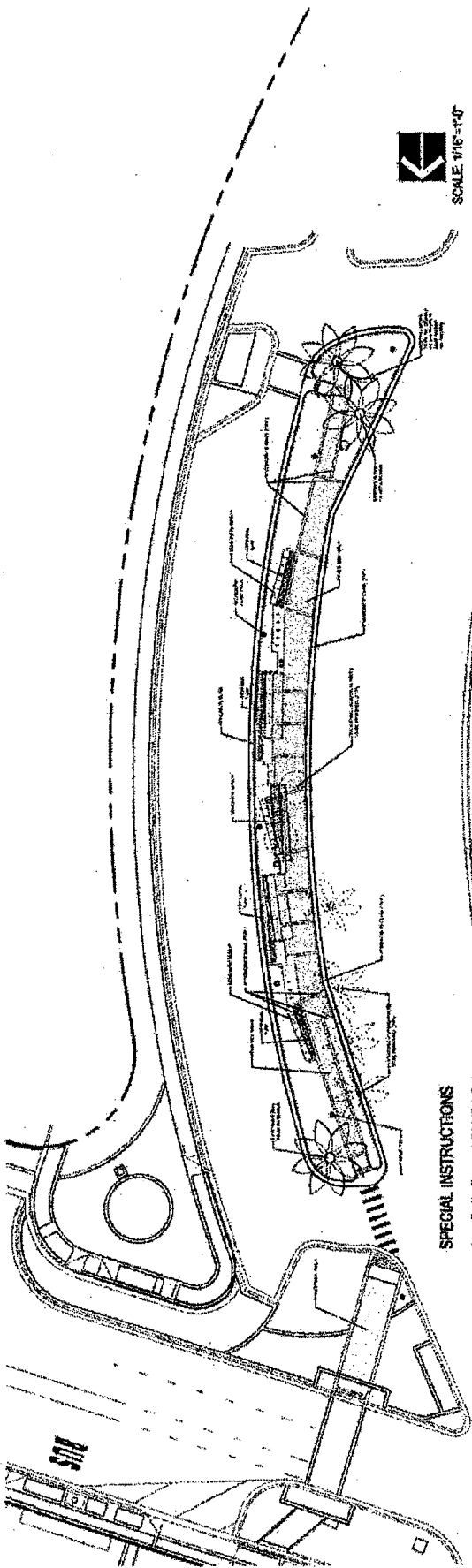
SHRUB LEGEND

NO.	SYMBOL	SHRUB NAME	COMMON NAME
01	[Symbol]	ARCTIC BIRCH	BIRCH
02	[Symbol]	ARCTIC SPRUCE	SPRUCE
03	[Symbol]	ARCTIC JUNIPER	JUNIPER
04	[Symbol]	ARCTIC PINE	PINE
05	[Symbol]	ARCTIC LARCH	LARCH
06	[Symbol]	ARCTIC CEDAR	CEDAR
07	[Symbol]	ARCTIC FIR	FIR
08	[Symbol]	ARCTIC DOGWOOD	DOGWOOD
09	[Symbol]	ARCTIC YEW	YEW
10	[Symbol]	ARCTIC TAXUS	TAXUS
11	[Symbol]	ARCTIC QUERCUS	QUERCUS
12	[Symbol]	ARCTIC CORYLUS	CORYLUS
13	[Symbol]	ARCTIC JUGLANS	JUGLANS
14	[Symbol]	ARCTIC FRAXINUS	FRAXINUS
15	[Symbol]	ARCTIC SALIX	SALIX
16	[Symbol]	ARCTIC PICEA	PICEA
17	[Symbol]	ARCTIC TAXUS	TAXUS
18	[Symbol]	ARCTIC QUERCUS	QUERCUS
19	[Symbol]	ARCTIC CORYLUS	CORYLUS
20	[Symbol]	ARCTIC JUGLANS	JUGLANS
21	[Symbol]	ARCTIC FRAXINUS	FRAXINUS
22	[Symbol]	ARCTIC SALIX	SALIX
23	[Symbol]	ARCTIC PICEA	PICEA
24	[Symbol]	ARCTIC TAXUS	TAXUS
25	[Symbol]	ARCTIC QUERCUS	QUERCUS

NOTES:
1. REFER TO SHEET LANDSCAPE - LEVEL 01 FOR SHRUB PLANTING
2. THESE PLANTS ARE TO BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF THE CONTRACT DOCUMENTS.
3. ALL PLANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF THE CONTRACT DOCUMENTS.
4. ALL PLANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF THE CONTRACT DOCUMENTS.

L12.03

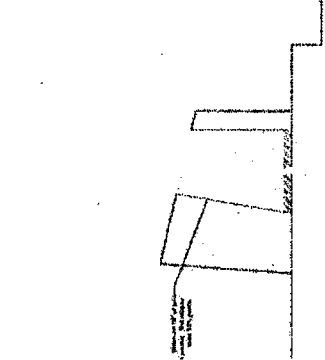
NO.	DATE	DESCRIPTION
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2	02/10/10	REVISED PER COMMENTS
3	03/05/10	REVISED PER COMMENTS
4	04/01/10	REVISED PER COMMENTS
5	05/01/10	REVISED PER COMMENTS
6	06/01/10	REVISED PER COMMENTS
7	07/01/10	REVISED PER COMMENTS
8	08/01/10	REVISED PER COMMENTS
9	09/01/10	REVISED PER COMMENTS
10	10/01/10	REVISED PER COMMENTS
11	11/01/10	REVISED PER COMMENTS
12	12/01/10	REVISED PER COMMENTS



SCALE 1/16"=1'-0"

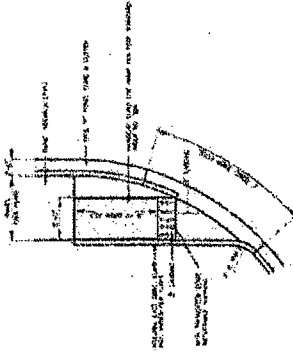
SPECIAL INSTRUCTIONS

Consult The City of Hollywood's Public Works Dept. for approval of materials and methods of installation.



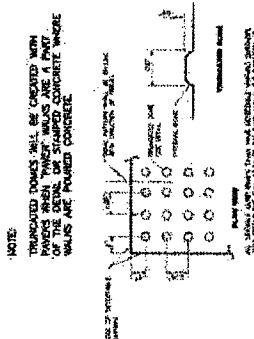
LC-1C PLANTER SECTION

RTS



LC-1B DETECTABLE DOME DETAIL

RTS



LC-1A PAVER DETAIL

RTS

BROWARD COUNTY TRANSIT HOLLYWOOD BUS SHELTER



IRRIGATION PLAN

Scale: 1" = 40'-0"

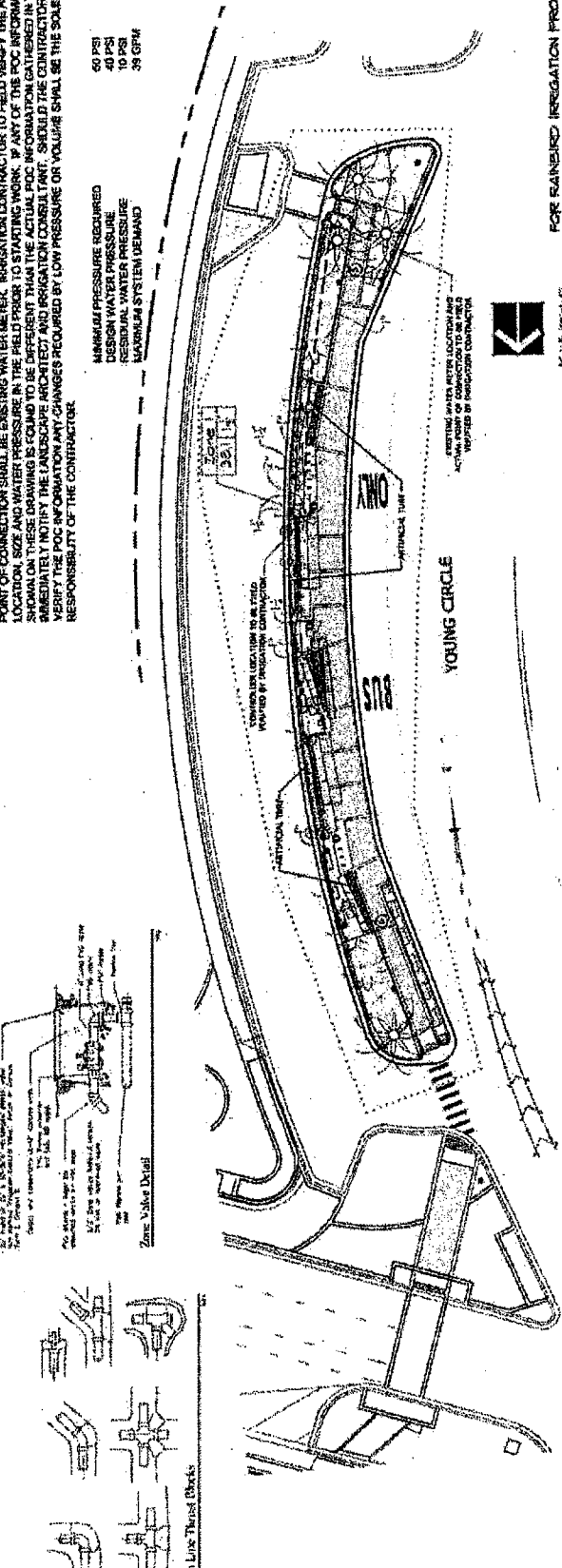
Date: 10/15/2015

Project: BROWARD COUNTY TRANSIT HOLLYWOOD BUS SHELTER

NOTES:
 1. POWER CONNECTION SHALL BE EXISTING WATER METER. IRRIGATION CONTRACTOR TO FIELD VERIFY THE ACTUAL LOCATION, SIZE AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK. IF ANY OF THE POC INFORMATION SHOWN ON THESE DRAWINGS IS FOUND TO BE DIFFERENT THAN THE ACTUAL POC INFORMATION GATHERED IN THE FIELD, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT. SHOULD THE CONTRACTOR FAIL TO VERIFY THE POC INFORMATION ANY CHANGES REQUIRED BY LOW PRESSURE OR VOLUME SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

MANUAL PRESSURE REQUIRED
 60 PSI
 DESIGN MINIMUM PRESSURE
 10 PSI
 MAXIMUM SYSTEM DEMAND
 38 GPM

FOR RAINFORD IRRIGATION PRODUCTS:
 Please contact City of Hollywood



IRRIGATION LEGEND:

MAIN LINE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

1/2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 1/2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

1/2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 1/2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

1/2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 1/2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

1/2" MAIN PIPE: 1/2" TRIP FROM CITY WATER SOURCE SYSTEM, 1/2" LINE, 120' MAX. 1/2" PIPING 100' MAXIMUM.

IRRIGATION NOTES:

1. ALL IRRI... (text partially obscured)

2. ALL IRRI... (text partially obscured)

3. ALL IRRI... (text partially obscured)

4. ALL IRRI... (text partially obscured)

5. ALL IRRI... (text partially obscured)

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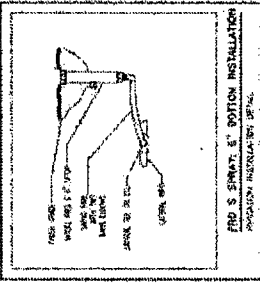
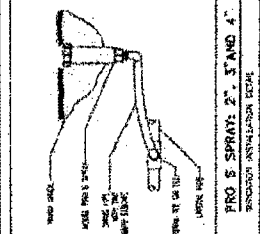
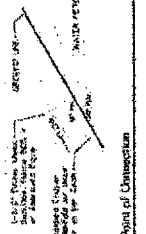
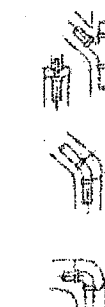
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9. ALL IRRI... (text partially obscured)

10. ALL IRRI... (text partially obscured)

Zone Numbers

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



10/15/2015

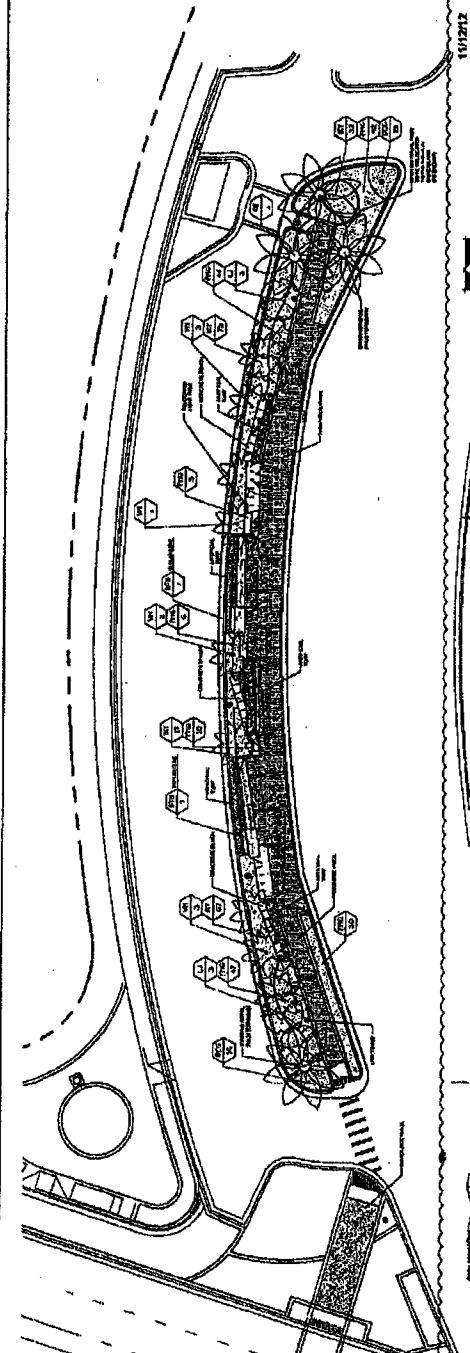
SINGER ARCHITECTS
 ARCHITECTS
 15000 North Dixie Blvd., Suite 400
 Fort Lauderdale, Florida 33309
 Phone: (305) 553-3333
 Fax: (305) 553-3334
 Website: www.singerarchitects.com



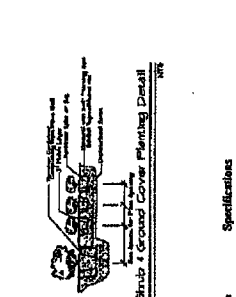
**BROWARD COUNTY TRANSIT
 HOLLYWOOD BUS SHELTER**
 FLORIDA

| | |
|------------|--------------------|
| DATE | DESCRIPTION |
| 10/20/2012 | Final Presentation |
| 10/15/2012 | Final Presentation |
| 10/10/2012 | Final Presentation |
| 10/05/2012 | Final Presentation |
| 10/01/2012 | Final Presentation |
| 09/25/2012 | Final Presentation |
| 09/20/2012 | Final Presentation |
| 09/15/2012 | Final Presentation |
| 09/10/2012 | Final Presentation |
| 09/05/2012 | Final Presentation |
| 09/01/2012 | Final Presentation |

LANDSCAPE PLAN
 SCALE: 1/8" = 1'-0"
 DATE: 10/20/12
 SHEET NO. 1 OF 1

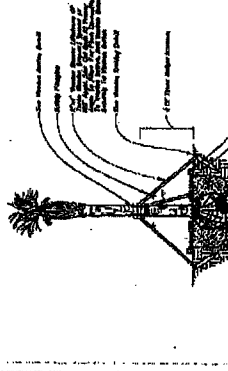
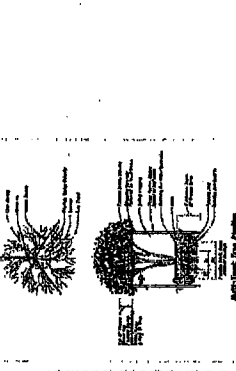
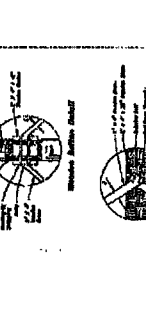


ADDITIONAL INSTRUCTIONS
 The area which contains the trees to be planted and replaced with landscape plants.
 -The contractor shall provide all material and labor required for planting and replacing trees and landscape plants.
 -The contractor shall provide all material and labor required for planting and replacing trees and landscape plants.
 -The contractor shall provide all material and labor required for planting and replacing trees and landscape plants.
 -The contractor shall provide all material and labor required for planting and replacing trees and landscape plants.



PLANT LIST

| Code | Dwight | QTY. | Botanical Name / Common Name | Specifications |
|------|--------|------|----------------------------------|--|
| L1 | M | 1 | Large trees / Palms | 16-18" DBH, 20' tall, 10' spread, 50% shade tolerant |
| L2 | M | 1 | Large trees / Palms | 16-18" DBH, 20' tall, 10' spread, 50% shade tolerant |
| S1 | M | 1 | Small trees / Palms | 10-12" DBH, 15' tall, 5' spread, 50% shade tolerant |
| S2 | M | 1 | Small trees / Palms | 10-12" DBH, 15' tall, 5' spread, 50% shade tolerant |
| A1 | M | 1 | Accents / Shrubs / Ground covers | 4-6" high, 6" wide, 50% shade tolerant |
| A2 | M | 1 | Accents / Shrubs / Ground covers | 4-6" high, 6" wide, 50% shade tolerant |
| M1 | M | 1 | Miscellaneous | As noted |



SPECIAL INSTRUCTIONS

The City of Hollywood's Public Works Dept. will provide the water and electric for the bus shelter. The contractor shall provide the landscaping and maintenance for the bus shelter.

NOTES

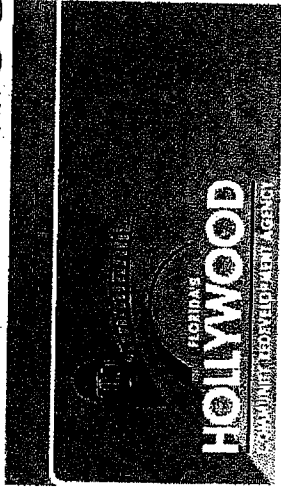
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
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- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.
- The trees shown on this plan are to be planted in the areas shown.

SPECIAL INSTRUCTIONS

Contractor shall provide the water and electric for the bus shelter. The contractor shall provide the landscaping and maintenance for the bus shelter.



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



COMMUNITY REDEVELOPMENT AGENCY (CRA)

BOARD MEMBERS

JANUARY 2013

- | | |
|--------------------|--------------------|
| Peter Baber | CHAIRPERSON |
| Patricia Asselt | BOARD MEMBER |
| Peter D. Hernandez | BOARD MEMBER |
| Traci L. Cellari | BOARD MEMBER |
| Richard Blotner | VICE CHAIRPERSON |
| Levin D. Biederman | BOARD MEMBER |
| Linda Sherwood | BOARD MEMBER |
| Jorge Comejo, AICP | EXECUTIVE DIRECTOR |

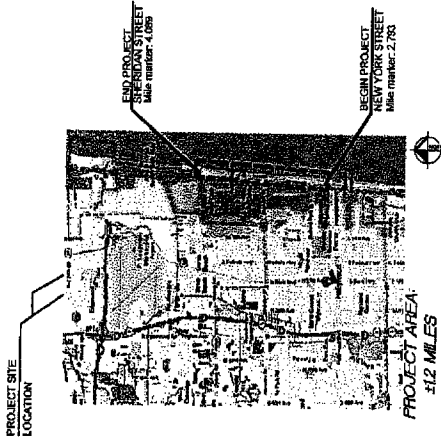
PERMITTEE:
CITY OF HOLLYWOOD
2600 HOLLYWOOD BLVD, ROOM 509
HOLLYWOOD, FLORIDA 33022
PROJECT MANAGER
PHONE (813) 961-9886



Kinley-Horn and Associates, Inc.
© 2013 KINLEY-HORN AND ASSOCIATES, INC.
PLANS PREPARED BY:
KINLEY-HORN AND ASSOCIATES, INC.
1501 N. 25th AVENUE
SUITE 200
WEST PALM BEACH, FLORIDA 33411
CERTIFICATE OF AUTHORIZATION NO. 698
PHONE (561) 945-8885
L.A. OF RECORD: JONATHAN D. HUGHES
E.A. 6868795

| |
|--------------------------------------|
| LANDSCAPE SHEET SCHEDULE |
| L-001 OVERALL PLAN AND NOTES |
| L-101-1112 PLANTING PLANS |
| L-113 PLANTING DETAILS |
| L-114 PLANTING SPECIFICATIONS |
| L-101-1212 IRRIGATION PLANS |
| L-115 IRRIGATION DETAILS |
| L-114-1215 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.



PROJECT NUMBER: BCRA 12-010

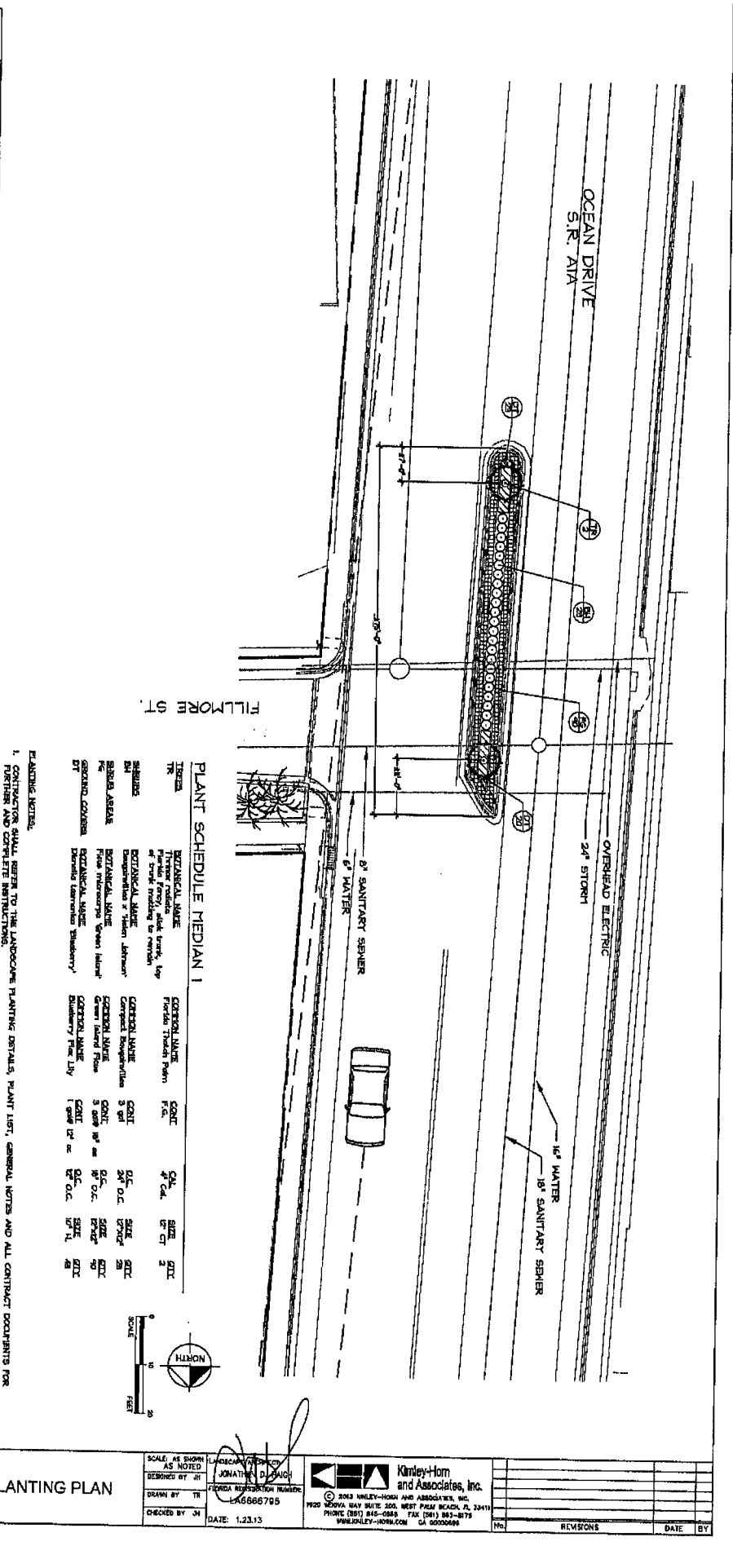
| | |
|---|--|
| DATE
JAN 2013 | CITY OF HOLLYWOOD
FLORIDA |
| PROJECT NO.
042251012 | HOLLYWOOD CRA |
| SHEET NUMBER
L-0.00 | OCEAN DRIVE
MEDIAN BEAUTIFICATION |
| COVER | |
| DESIGNED BY
KINLEY-HORN AND ASSOCIATES, INC. | DRAWN BY
KINLEY-HORN AND ASSOCIATES, INC. |
| CHECKED BY
KINLEY-HORN AND ASSOCIATES, INC. | DATE
1/23/13 |
| KINLEY-HORN AND ASSOCIATES, INC.
1820 MEDINA AVE SUITE 200 WEST PALM BEACH, FL 33411
PHONE (561) 945-8885 FAX (561) 945-8873
WWW.KH-ASSOCIATES.COM CA 02000888 | |

All documents, together with the concepts and design presented herein, are an instrument of service, in testimony only for its specific purpose and shall be void if not used as presented. Plans or other documents prepared by this firm shall be subject to the terms and conditions of the contract and shall be the property of this firm and its associates, inc. shall be held liable for quality control and accuracy. No.

PLANT SCHEDULE OVERALL

| ITEM | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | PLANTING REQUIREMENTS |
|-----------------------|--------------------|--------------------|------------|--------|---------|--------|--|
| TR | Trunk | Florida Trunk Palm | F.E. | 4 | 4" Cal. | 12 CT | Plant only, install as they appear. Prune back within 6" of trunk, leaving 1/2" to remain. |
| SHRUB | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 24" H |
| SHRUB AREA | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 18" H |
| GROUND COVER | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 18" H |
| ALTERNATE BID ITEM #1 | Pyrostegia elegans | Alexander Palm | F.G. | 4 | Cal. | 18" CA | Replace 40 Trunk Palms with 40 Alexander Palms per the following specifications:
Single Trunk |

REFER TO EACH SHEET FOR MEDIAN-BY-MEDIAN QUANTITIES

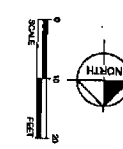


PLANT SCHEDULE MEDIAN 1

| ITEM | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | PLANTING REQUIREMENTS |
|--------------|----------------|--------------------|------------|--------|---------|--------|--|
| TR | Trunk | Florida Trunk Palm | F.E. | 4 | 4" Cal. | 12 CT | Plant only, install as they appear. Prune back within 6" of trunk, leaving 1/2" to remain. |
| SHRUB | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 24" H |
| SHRUB AREA | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 18" H |
| GROUND COVER | BOTANICAL NAME | CONTROL NAME | CONT. F.E. | QTY. # | SIZE | QTY. # | Planting at 18" H |

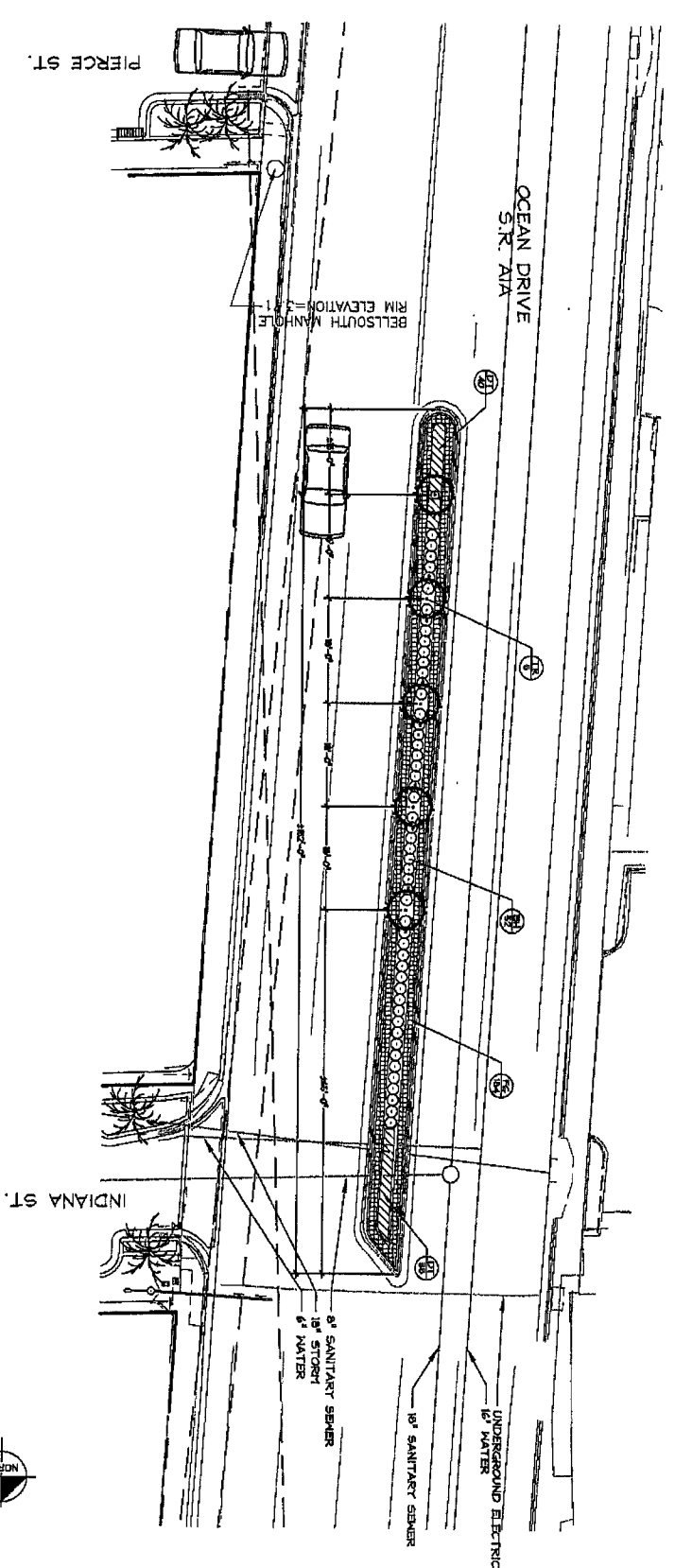
PLANTING NOTES

- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INFORMATION.
- PLANT LIST QUANTITIES ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
- ALL SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS SHALL BE CONTAINER GROWN AND DELIVERED TO THE SITE BY THE CONTRACTOR'S TRANSPORTATION AND LOGGING EQUIPMENT. ALL PLANTS SHALL BE CONTAINER GROWN AND DELIVERED TO THE SITE BY THE CONTRACTOR'S TRANSPORTATION AND LOGGING EQUIPMENT.
- CONTRACTOR SHALL VERIFY LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES. EXPENSE AND RISK SHALL BE CONSISTENT WITH THE CONTRACTOR'S RESPONSIBILITY AND THE LANDSCAPE ARCHITECT'S SPECIFICATIONS.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, ADJUSTMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE BIDDING.
- CONTRACTOR SHALL MAINTAIN UNINTERRUPTED WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION, IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
- ALL MEN AND TRAILERS ENTERING PLANT MATERIAL SHALL BE IDENTIFIED BY AN ALTERNATE UNDERGROUND UTILITY SYSTEM.
- REFER TO ALL UTILITY NOTES ON UTILITY PLANS PRIOR TO REMOVING EXISTING PLANTS. CITY OF HOLLYWOOD WILL TAKE CHARGE OF CERTAIN SALVAGED IRRIGATION EQUIPMENT.



EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FROM TO EXAMINATION.

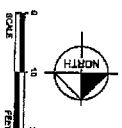
| | | | | | | |
|---|--|---------------|--------------------------------|---------------------------------|--|-----------------------------------|
| DATE: JAN 2013
PRODUCT NO: 044241012
SHEET NUMBER: L-1.01 | OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA | PLANTING PLAN | SCALE: AS SHOWN
AS NOTED | CHECKED BY: JH
DATE: 1.23.13 | Kimley-Horn and Associates, Inc.
2014 KIMLEY-HORN AND ASSOCIATES, INC.
1920 MONROE WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE: (561) 840-8000 FAX: (561) 840-8073
WWW.KIMLEY-HORN.COM CA 0000469 | NO. _____
REVISIONS
DATE BY |
| | | | DRAWN BY: JH
CHECKED BY: JH | PROJECT NUMBER: 044241012 | | |



PLANT SCHEDULE MEDIAN 2

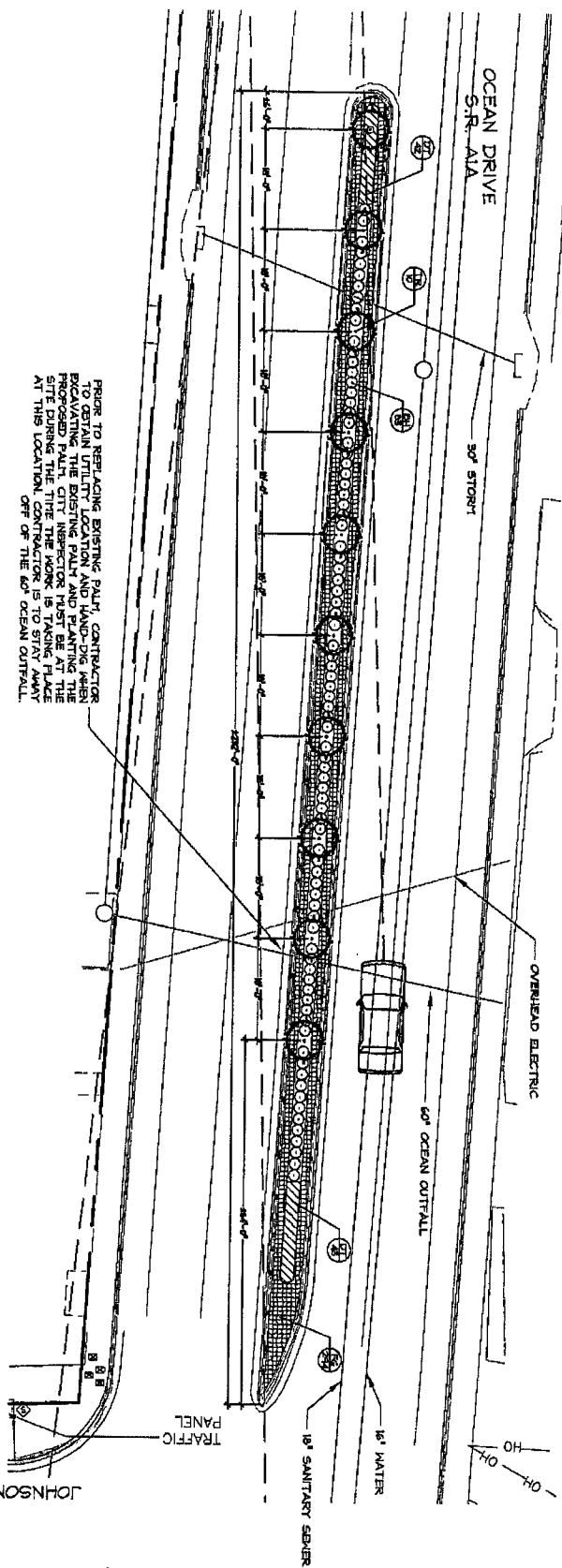
| TR | PLANT NAME | COMMON NAME | FLOR. | CONT. | QTY | SIZE | QTY |
|----|------------|-------------------|-------|-------|-----|------|-----|
| 1 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 2 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 3 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 4 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 5 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 6 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 7 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 8 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 9 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 10 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 11 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 12 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 13 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 14 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 15 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 16 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 17 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 18 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 19 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 20 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 21 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 22 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 23 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 24 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 25 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 26 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 27 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 28 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 29 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 30 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 31 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 32 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 33 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 34 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 35 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 36 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 37 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 38 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 39 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 40 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 41 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 42 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 43 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 44 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 45 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 46 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 47 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 48 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 49 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 50 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 51 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 52 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 53 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 54 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 55 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 56 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 57 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 58 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 59 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 60 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 61 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 62 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 63 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 64 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 65 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 66 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 67 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 68 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 69 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |
| 70 | ROSA | Flowering Dogwood | Fl. | 3 gal | 27 | 3' | 27 |

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



| | | | | | |
|---|----------------------|---|--|---|---------------------------------|
| <p>OCEAN DRIVE
MEDIAN BEAUTIFICATION</p> <p>HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA</p> | <p>PLANTING PLAN</p> | <p>SCALE AS SHOWN
AS NOTED</p> <p>DESIGNED BY JH
DRAWN BY JH
CHECKED BY JH</p> <p>DATE: 1.23.13</p> | <p>FLOOR PLANTING NUMBER
LA8886795</p> | <p>Kinley-Horn and Associates, Inc.
© 2013 KINLEY-HORN AND ASSOCIATES, INC.
1920 TEXADA WAY SUITE 300 WEST PALM BEACH, FL 33411
PHONE (561) 844-5000 FAX (561) 844-5710
WWW.KINLEY-HORN.COM CA 6000888</p> | <p>DATE BY</p> <p>REVISIONS</p> |
|---|----------------------|---|--|---|---------------------------------|

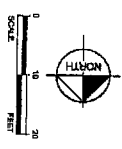
L-1.02



PRIOR TO REPLACING EXISTING PALM, CONTRACTOR TO OBTAIN UTILITY LOCATION AND HAND-DIG WHEN EXISTING UTILITIES ARE LOCATED. CONTRACTOR TO VERIFY PROPOSED PALM CITY INSPECTOR MUST BE AT THE SITE DURING THE TIME THE WORK IS TAKING PLACE AT THIS LOCATION. CONTRACTOR IS TO STAY AWAY OFF OF THE 60' OCEAN OUTFALL.

PLANT SCHEDULE MEDIAN 3

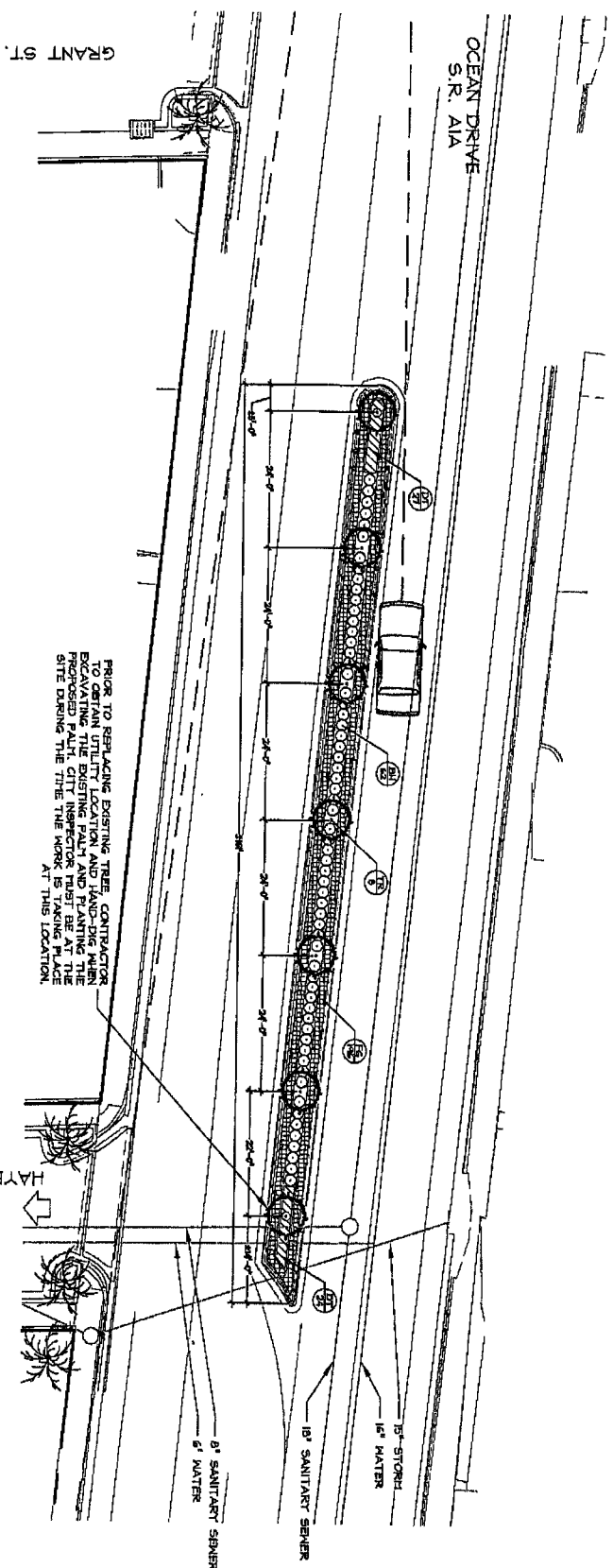
| ITEMS | QUANTITY | DESCRIPTION | LOCATION | SIZE | DATE | GT |
|-------|----------|-------------|---------------------|------|------|----|
| TR | | TRUNK | Florida Median Palm | 3 in | 24" | GT |
| SH | | SHOULDER | Florida Median Palm | 3 in | 24" | GT |
| ST | | STREET | Florida Median Palm | 3 in | 24" | GT |
| CO | | CORNER | Florida Median Palm | 3 in | 24" | GT |
| DR | | DRIVEWAY | Florida Median Palm | 3 in | 24" | GT |



EXISTING UTILITIES SHOWN ARE SCALED FROM AN AS-BUILT PLAN. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL SH).

| | | | | | | |
|-------------------------------|--|------------------------------|---|---|---|--------------------------|
| SHEET NUMBER
L-1.03 | OCEAN DRIVE
MEDIAN BEAUTIFICATION | PLANTING PLAN | SCALE: AS SHOWN
AS NOTED
DESIGNED BY: JH
DRAWN BY: TR
CHECKED BY: JH
DATE: 1.23.13 | PROJECT LOCATION
HOLLYWOOD, FLORIDA
LA8666795 | Kimley-Horn
and Associates, Inc.
1628 BOWVA WAY SUITE 200 WEST PALM BEACH, FL 33411
PHONE (561) 943-8888 FAX (561) 943-1113
WWW.KIMLEY-HORN.COM CA 00009566 | REVISIONS
NO. DATE BY |
| | DATE
JAN 2013
QUESTION 2 | CITY OF HOLLYWOOD
FLORIDA | CITY OF HOLLYWOOD
FLORIDA | | | |

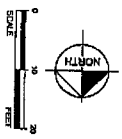
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PRIOR TO REPLACING EXISTING TREES, CONTRACTOR TO OBTAIN UTILITY LOCATION AND HAND-DIG MARK EXCAVATING THE EXISTING PALM AND PLANTING THE PROPOSED PALM. CITY INSPECTOR MUST BE AT THE SITE DURING THE TIME THE WORK IS TAKING PLACE AT THIS LOCATION.

PLANT SCHEDULE MEDIAN 4

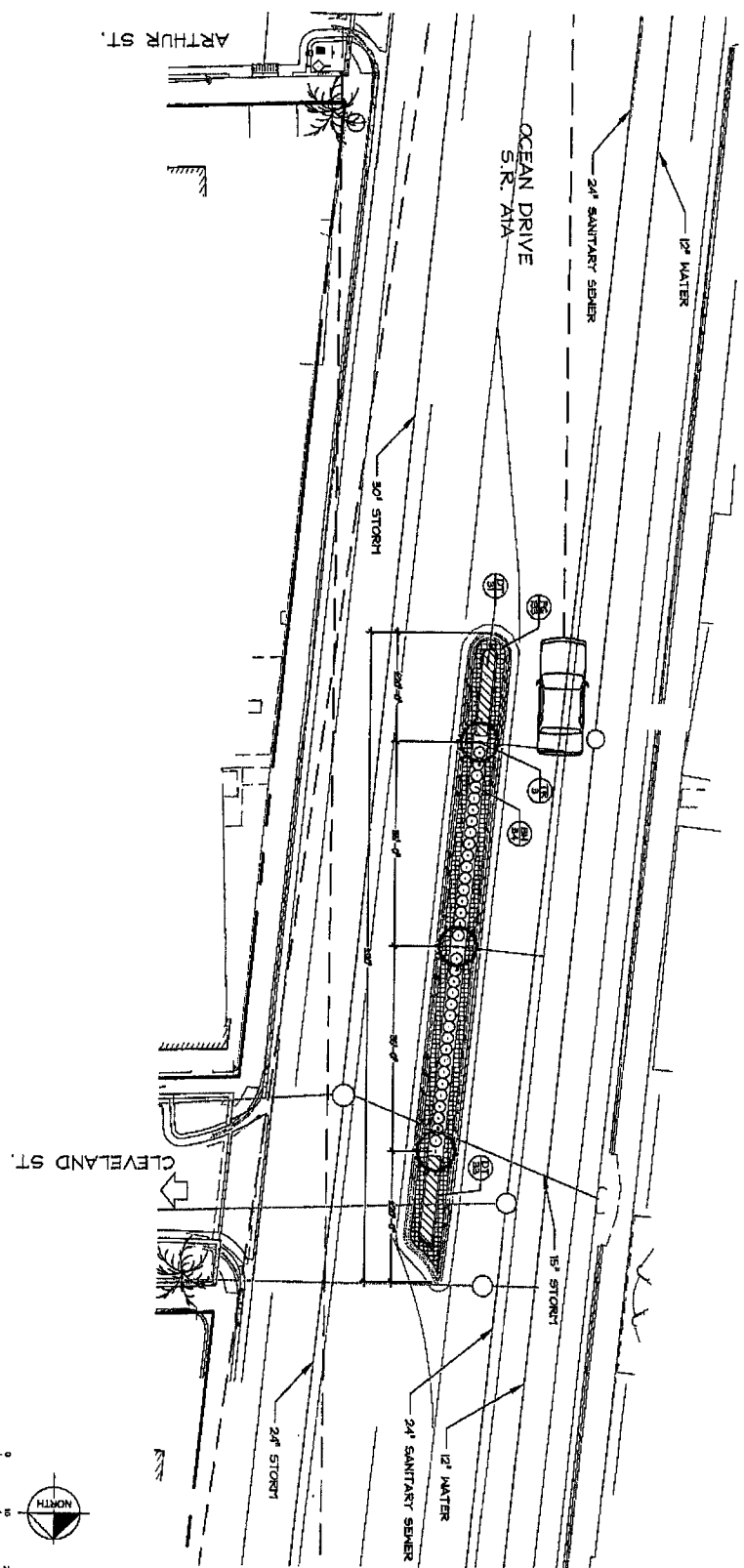
| TREE | BOTANICAL NAME | COMMON NAME | SIZE | QTY | DATE |
|-------|---|-------------------|--------|-----|-------|
| TR | BOTANICAL NAME
Ficus religiosa, aka tree, 10p
of trunk trailing to ground | Parrot Tree/Palm | 5 FT | 5 | 01/11 |
| SHRUB | BOTANICAL NAME
Dioscorea x Helen Johnson | Green Island Fern | 24\"/> | | |



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

| | | | | | | | |
|---|--|---------------|--|---|--------------------------------|--|--|
| DATE: JAN 2013
PROJECT NO: 044241012
SHEET NUMBER: L-1.04 | OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA | PLANTING PLAN | SCALE: AS SHOWN
AS NOTED | DESIGNED BY: JH
DRAWN BY: JH
CHECKED BY: JH | L.A.S. 666705
DATE: 1.23.13 | Kimley-Horn
and Associates, Inc.
1920 N.W. 107th Ave., Suite 200, West Palm Beach, FL 33411
PHONE: (561) 868-0868 FAX: (561) 868-0875
WWW.KIMLEY-HORN.COM CA 0000086 | NO. _____
REVISIONS
DATE _____
BY _____ |
| | | | EXISTING UTILITIES SHOWN ARE SCALED FROM CITY-PROVIDED GIS DRAWINGS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL 811) PRIOR TO EXCAVATION. | | | | |

This document, together with the concepts and design presented herein, is an instrument of service. It is intended only for the project and site for which it was prepared. Plans of any other project or site are the responsibility of the client. No liability is assumed by Kimley-Horn and Associates, Inc. for any other project or site.



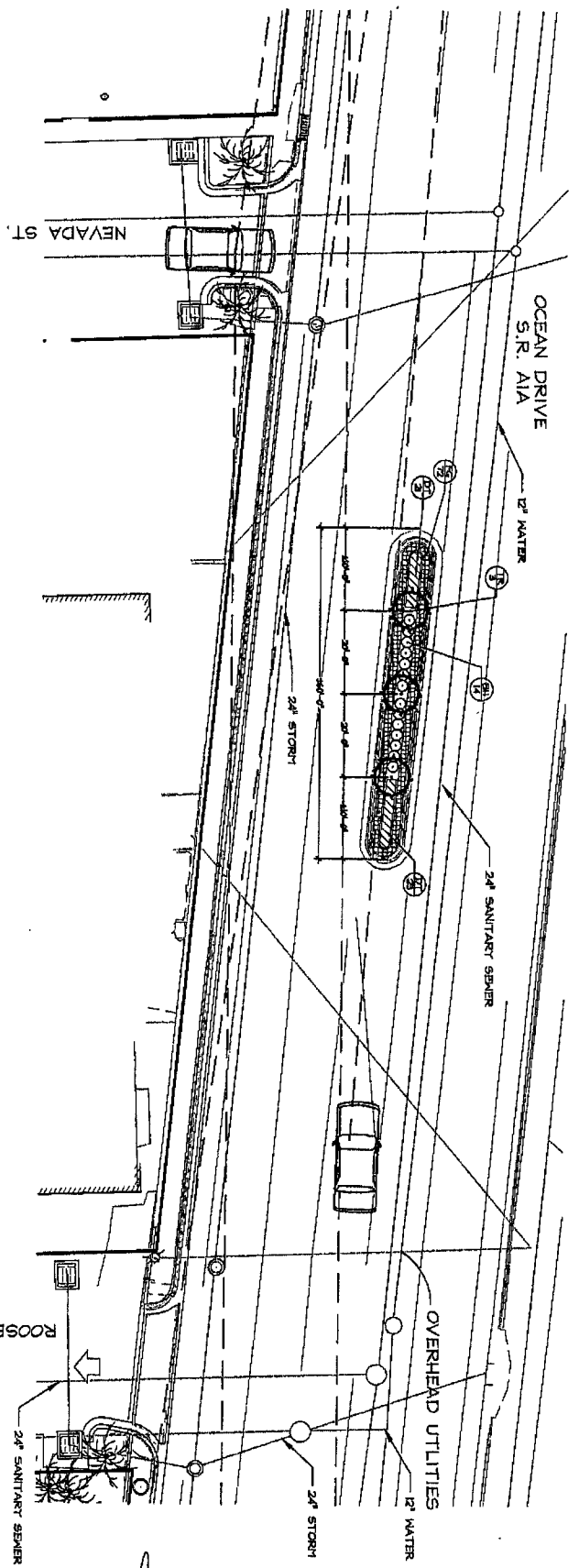
PLANT SCHEDULE MEDIAN 6

| TREE | PLANTING NAME | COMMON NAME | SIZE | QTY | SIZE | QTY |
|-----------------|-----------------|-----------------|-------|-----|-------|-----|
| BUSHEL | BUSHEL | BUSHEL | 3 gal | 24 | 3 gal | 24 |
| SPACED COCONUTS | SPACED COCONUTS | SPACED COCONUTS | 1 gal | 24 | 1 gal | 24 |

EXISTING UTILITIES SHOWN ARE SCALED FROM RECORDS. CONTRACTOR RESPONSIBLE FOR LOCATING UTILITIES (CALL SH) PRIOR TO EXCAVATION.

| | | | | | |
|--|--|--|--|---|----------------------|
| OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA | PLANTING PLAN | | SCALE: AS SHOWN
AS NOTED
DRAWN BY: J.K. KELCH
CHECKED BY: J.M. KELCH
DATE: 1.23.13 | Kimley-Horn
and Associates, Inc.
2013 KIMLEY-HORN AND ASSOCIATES, INC.
1920 MEDINA PALM BLVD SUITE 300 WEST PALM BEACH, FL 33411
PHONE (561) 848-3600 FAX (561) 848-0719
WWW.KIMLEY-HORN.COM CA 90000088 | REVISIONS
DATE BY |
| | DATE: JAN 23
DRAWN BY: J.K. KELCH
SHEET NUMBER: L-1.06 | | | PROJECT NUMBER: 044241012 | |

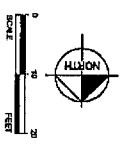
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PLANT SCHEDULE MEDIAN 7

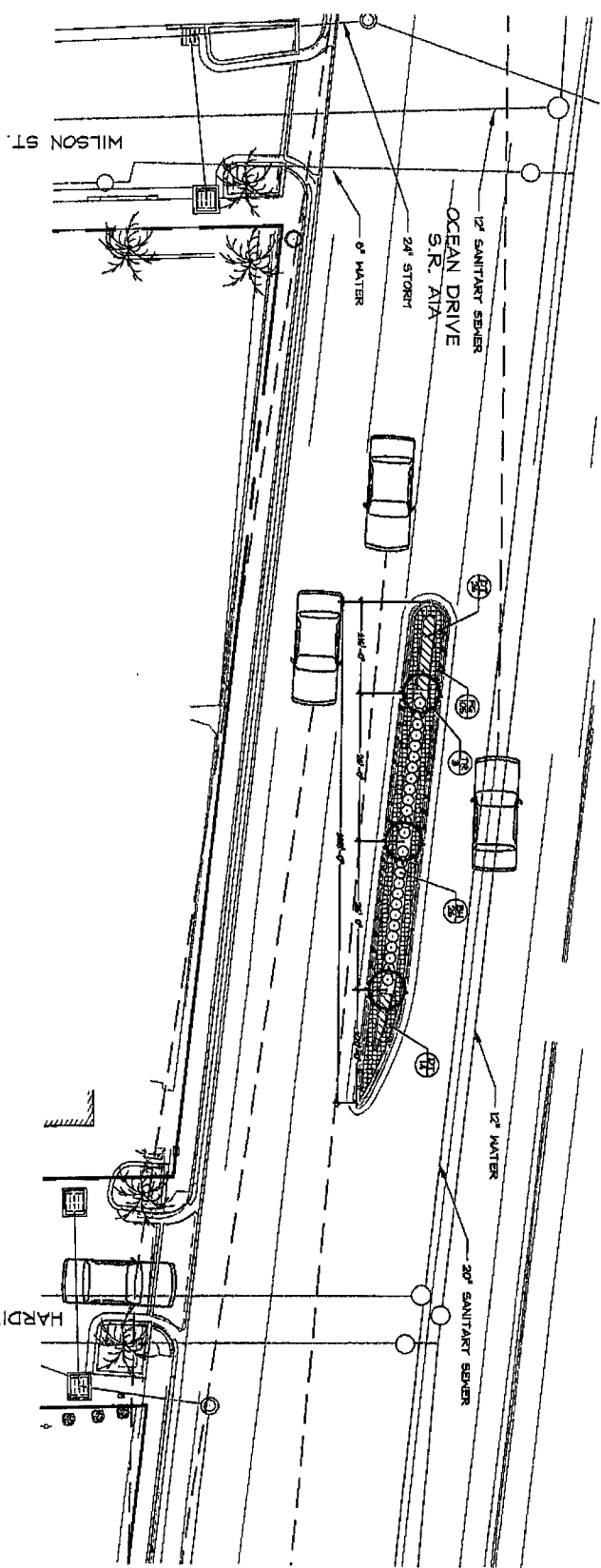
| TR | PLANT NAME | SECTION NAME | QTY | CAL. | SIZE | STL |
|----|----------------------|--------------------|-----|-------|------|-----|
| 1 | TRIFOLIUM VIOLEACEUM | Florida Touch Palm | 1 | 2\"/> | | |

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



| <p>OCEAN DRIVE
MEDIAN BEAUTIFICATION</p> <p>HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA</p> | <h2>PLANTING PLAN</h2> | <p>SCALE AS SHOWN
AS NOTED</p> <p>DESIGNED BY: J. H. HARRIS</p> <p>DRAWN BY: M. L. ROSS</p> <p>CHECKED BY: M. L. ROSS</p> <p>DATE: 1.23.13</p> | <p>Kinley-Horn and Associates, Inc.</p> <p>1920 NEVADA WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE (561) 845-9888 FAX (561) 851-1675
WWW.KINLEY-HORN.COM CA 02000698</p> | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | NO. | REVISIONS | DATE | BY | | | | |
|---|------------------------|--|--|--|-----|-----------|------|----|--|--|--|--|
| NO. | REVISIONS | DATE | BY | | | | | | | | | |
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This document, together with the contract and design presented herein, is an instrument of service, to be used only for the specific purpose and client for which it was prepared. It is the property of Kirtley-Horn and Associates, Inc. and shall remain the property of Kirtley-Horn and Associates, Inc. until it is returned to Kirtley-Horn and Associates, Inc. It is not to be used for any other purpose without the written consent of Kirtley-Horn and Associates, Inc.



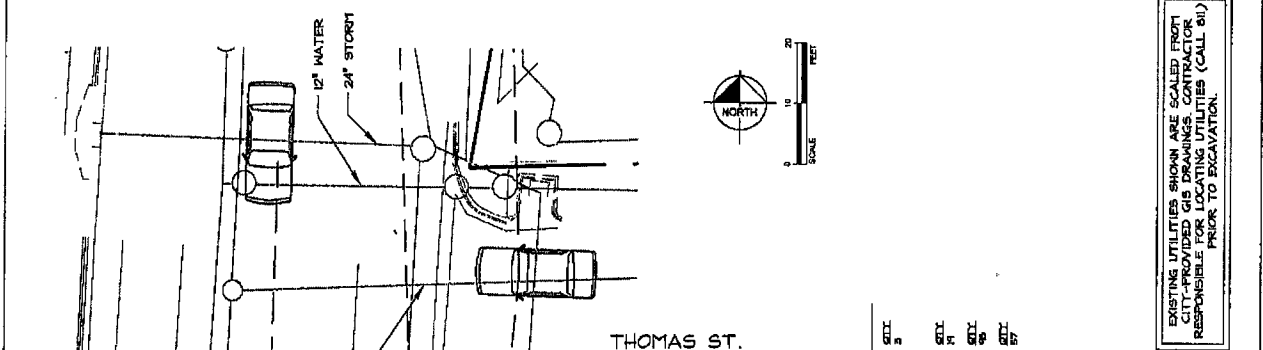
PLANT SCHEDULE MEDIAN 8

| TR | SYMBOL | BOTANICAL NAME | TRUNK | HEIGHT | SPACING | PLANTING | DATE |
|----------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|
| TR | | TRUNK | TRUNK | HEIGHT | SPACING | PLANTING | DATE |
| SYMBOL | | SYMBOL | SYMBOL | SYMBOL | SYMBOL | SYMBOL | SYMBOL |
| SUBSTRATA | | SUBSTRATA | SUBSTRATA | SUBSTRATA | SUBSTRATA | SUBSTRATA | SUBSTRATA |
| SHRUBS | | SHRUBS | SHRUBS | SHRUBS | SHRUBS | SHRUBS | SHRUBS |
| SPERMATOPHYTES | | SPERMATOPHYTES | SPERMATOPHYTES | SPERMATOPHYTES | SPERMATOPHYTES | SPERMATOPHYTES | SPERMATOPHYTES |
| DI | | DI | DI | DI | DI | DI | DI |

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

| | | | | | |
|--|--|---------------|--|--|----------------------|
| DATE: JAN 23, 2013
DRAWN BY: JH
CHECKED BY: JH
SHEET NUMBER: L-1.08 | OCEAN DRIVE
MEDIAN BEAUTIFICATION
HOLLYWOOD CRA
CITY OF HOLLYWOOD FLORIDA | PLANTING PLAN | SCALE AS SHOWN
AS NOTED
DESIGNED BY: JH
DRAWN BY: TR
CHECKED BY: JH
DATE: 1.23.13 | Kirtley-Horn
and Associates, Inc.
1020 BEACHWAY DRIVE SUITE 200, WEST PALM BEACH, FL 33411
PHONE (561) 845-8840 FAX (561) 845-8475
WWW.KIRLEY-HORN.COM CA 00000186 | REVISIONS
DATE BY |
| | | | | PROJECT NUMBER: LA5666795
PROJECT NAME: OCEAN DRIVE MEDIAN BEAUTIFICATION | |

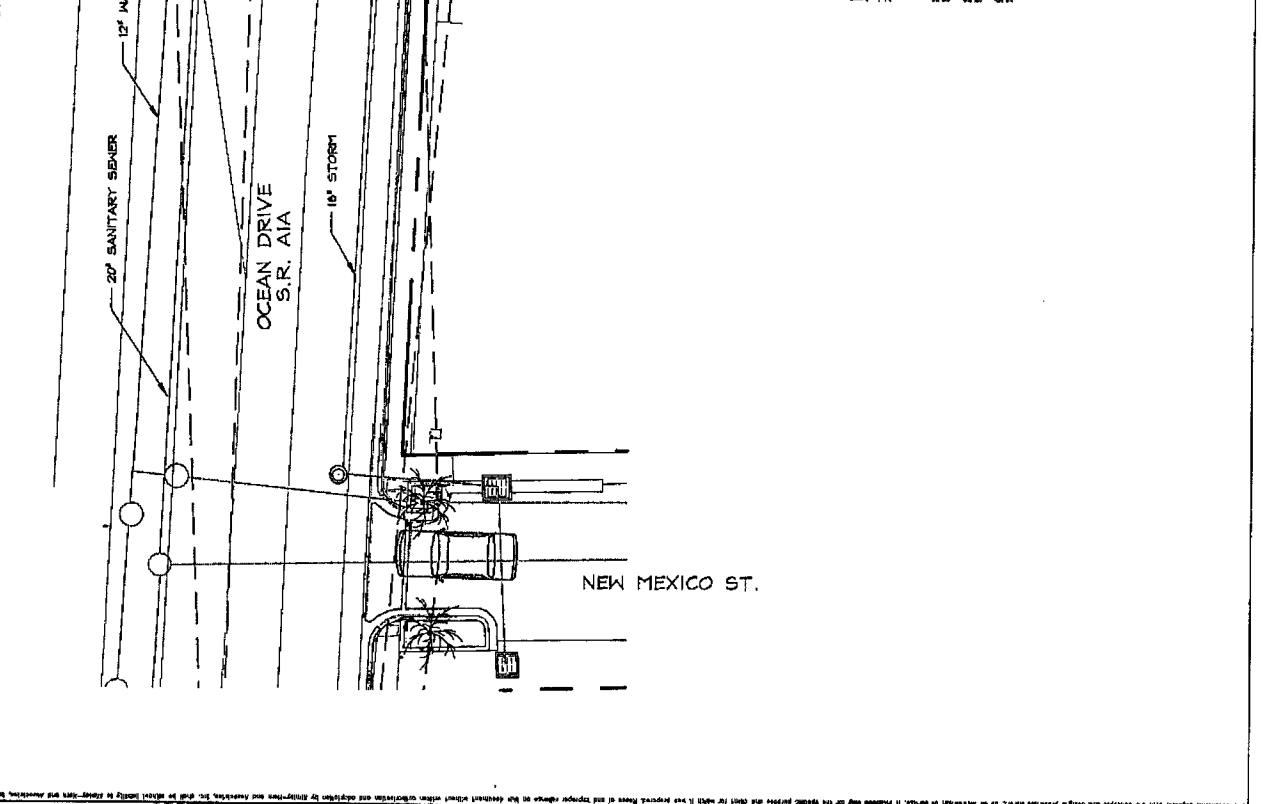
PLANTING PLAN
 SCALE: AS SHOWN
 DRAWN BY: JONATHAN D. HAYES
 CHECKED BY: JONATHAN D. HAYES
 DATE: 1.23.13
 1930 PHONE 954-949-0888 FAX (954) 949-0875
 3846 WALKER BLVD. SUITE 200 WEST PALM BEACH, FL 33411
 KIMLEY-HORN AND ASSOCIATES, INC.



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

PLANT SCHEDULE MEDIAN II

| SYMBOL | TREE | BOTANICAL NAME | COMMON NAME | CONT. Pkt. | CALL | SIZE | GRID |
|--------|---------------|--|---------------------|------------------|----------|-----------|------|
| TR | Tree | Florida Parrot, alkali brook, top of trunk mending to remain | Florida Thrush Palm | 8 gal | 4" Cal. | 12" CT | 5 |
| SH | SHRUBS | BOTANICAL NAME | Compact Bromeliads | 8 gal | 24" O.C. | 12" X 12" | 1 |
| PI | PERENNIALS | BOTANICAL NAME | Green Island Flax | 3" 4" 8" 10" 12" | 10" O.C. | 12" X 12" | 10 |
| DF | GROUND COVERS | BOTANICAL NAME | Blueberry Plus Lily | 1" 2" 3" 4" 6" | 12" O.C. | 10" IL | 17 |



| NO. | REVISIONS | DATE | BY |
|-----|-----------|------|----|
| | | | |
| | | | |

KIMLEY-HORN
 AND ASSOCIATES, INC.
 1920 BOWEN WAY SUITE 300 WEST PALM BEACH, FL 33411
 PHONE (561) 843-0800 FAX (561) 863-8375
 WWW.KH-INC.COM CA 0000888

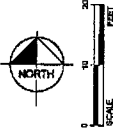
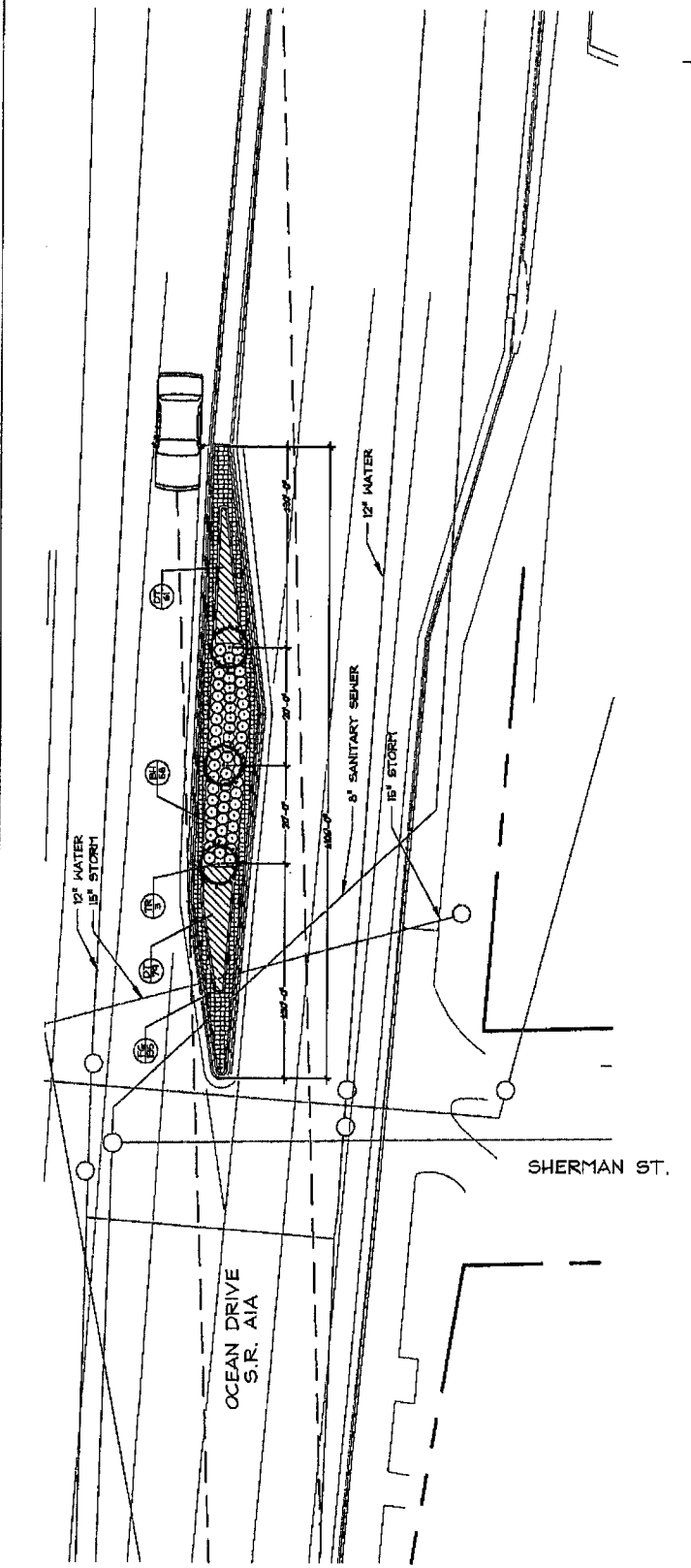
SCALE: AS SHOWN
 AS NOTED
 DESIGNED BY: J. M. H. [Signature]
 CHECKED BY: J. M. H. [Signature]
 DATE: 1.23.13
 PROJECT NO.: 10553001-0001
 SHEET NUMBER: L-11.12

PLANTING PLAN

OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 HOLLYWOOD CRA
 CITY OF HOLLYWOOD
 FLORIDA

DATE: JAN 2013
 PROJECT NO.: 10553001-0001
 SHEET NUMBER: L-11.12

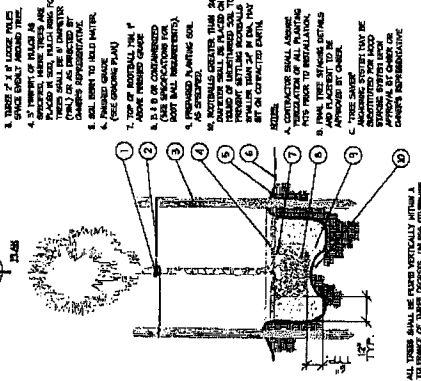
EXISTING UTILITIES SHOWN ARE SCALED FROM
 CITY-PROVIDED GIS DRAWINGS. CONTRACTOR
 RESPONSIBLE FOR LOCATING UTILITIES (CALL-BU)
 PRIOR TO EXCAVATION.



PLANT SCHEDULE MEDIAN 12

| TREES | ROZANICAL NAME | COMMON NAME | CONT. F.E. | COL. C.O. | SIZE 12' CT | QTY |
|---------------|--|-------------------------|------------|-----------|-------------|-----|
| TR | Florida Frony, silk trunk, top of trunk matting to network | Florida Tissue Palm | 3 gal | 24" O.C. | 12'x24" | 50 |
| SHRUBS | | | | | | |
| SH1 | ROZANICAL NAME: Bougainvillea x 'Helen Johnson' | Common Bougainvillea | 3 gal | 24" O.C. | 12'x24" | 50 |
| SHRUB AREAS | | | | | | |
| PS | ROZANICAL NAME: Passiflora vitifera 'Green Island' | Green Island Passiflora | 3 gal | 18" O.C. | 12'x18" | 100 |
| GROUND COVERS | | | | | | |
| GT | ROZANICAL NAME: Dianella bartramiae 'Blueberry' | Blueberry Fox Lily | 1 gal | 12" O.C. | 12" H. | 140 |

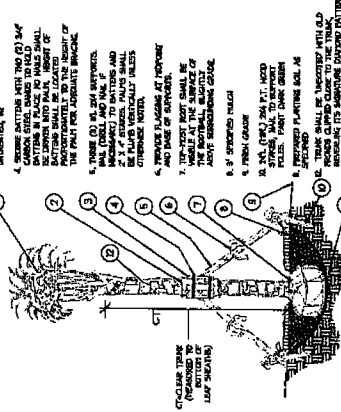
1. PROTECT PAINT TRUNK WITH WRAP
2. INTERLOCKABLE FILING TIES - SPACING OF 24" ON CENTER



B Thatch and Solitaire Palm Planting

* ALL TREES SHALL BE PLANTED VERTICALLY WITHIN A TOLERANCE OF 3 DEGREES FROM VERTICAL. ALL TREES SHALL BE PLANTED AT THE SPECIFIED SPACING UNLESS OTHERWISE NOTED.

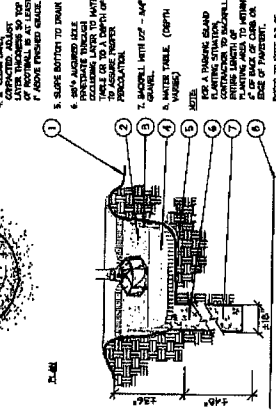
1. TREES TO BE PLANTED TO PROTECT TRUNK
2. 1 LAYER OF WRAP TO PROTECT TRUNK
3. 1 LAYER OF WRAP TO PROTECT TRUNK
4. 1 LAYER OF WRAP TO PROTECT TRUNK
5. 1 LAYER OF WRAP TO PROTECT TRUNK
6. 1 LAYER OF WRAP TO PROTECT TRUNK
7. 1 LAYER OF WRAP TO PROTECT TRUNK
8. 1 LAYER OF WRAP TO PROTECT TRUNK
9. 1 LAYER OF WRAP TO PROTECT TRUNK
10. 1 LAYER OF WRAP TO PROTECT TRUNK



A Sylvester Date Palm Planting and Staking

* ALL TREES SHALL BE PLANTED VERTICALLY WITHIN A TOLERANCE OF 3 DEGREES FROM VERTICAL. ALL TREES SHALL BE PLANTED AT THE SPECIFIED SPACING UNLESS OTHERWISE NOTED.

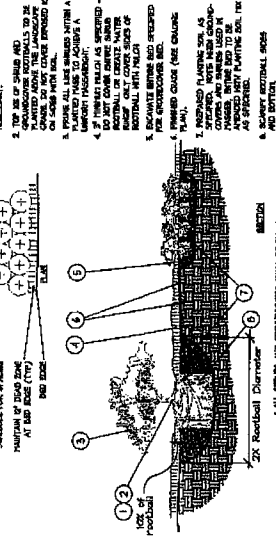
1. FRESH GRADE
2. 3/4" SAND WITH 1/4" GRAVEL
3. 1/2" SAND WITH 1/4" GRAVEL
4. 1/2" SAND WITH 1/4" GRAVEL
5. 1/2" SAND WITH 1/4" GRAVEL
6. 1/2" SAND WITH 1/4" GRAVEL
7. 1/2" SAND WITH 1/4" GRAVEL
8. 1/2" SAND WITH 1/4" GRAVEL
9. 1/2" SAND WITH 1/4" GRAVEL
10. 1/2" SAND WITH 1/4" GRAVEL



D Poor Drainage Condition

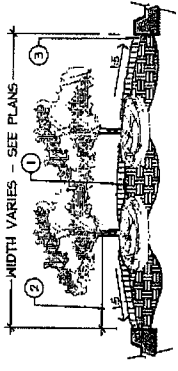
* ALL TREES SHALL BE PLANTED VERTICALLY WITHIN A TOLERANCE OF 3 DEGREES FROM VERTICAL. ALL TREES SHALL BE PLANTED AT THE SPECIFIED SPACING UNLESS OTHERWISE NOTED.

1. TWO FEET HIGHER THAN ROOT SYSTEM
2. TWO FEET HIGHER THAN ROOT SYSTEM
3. TWO FEET HIGHER THAN ROOT SYSTEM
4. TWO FEET HIGHER THAN ROOT SYSTEM
5. TWO FEET HIGHER THAN ROOT SYSTEM
6. TWO FEET HIGHER THAN ROOT SYSTEM
7. TWO FEET HIGHER THAN ROOT SYSTEM
8. TWO FEET HIGHER THAN ROOT SYSTEM
9. TWO FEET HIGHER THAN ROOT SYSTEM
10. TWO FEET HIGHER THAN ROOT SYSTEM



C Shrub / Groundcover Planting

* ALL TREES AND SHRUBS SHALL BE PLANTED VERTICALLY, UNLESS OTHERWISE SPECIFIED BY OWNER'S REPRESENTATIVE.

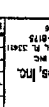


1. ISLANDS SHALL BE 18" HIGH (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
2. CLEAR ZONE SHALL CONTAIN 3" CONTIGUOUS TIE-IN, SEE PLANS.
3. 1" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF ISLAND.
4. EXCAVATE CONTIGUOUS 8" DEEP (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND 8" BELOW WITH APPROVED PLANTING MIX.
5. PROTECT ALL CURBS AND BASES CONTRACTED BEHIND TO PREVENT DAMAGE TO CURBS AND BASES.
6. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN TERRAZZO FINISHES ARE 2" PER HOUR OR LESS.

E Planted Medians

* ALL TREES SHALL BE PLANTED VERTICALLY WITHIN A TOLERANCE OF 3 DEGREES FROM VERTICAL. ALL TREES SHALL BE PLANTED AT THE SPECIFIED SPACING UNLESS OTHERWISE NOTED.

| NO. | REVISIONS | DATE | BY |
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 Kimly-Horn and Associates, Inc.
 3910 KALEY-HORN AND ASSOCIATES, INC.
 3910 KALEY-HORN AND ASSOCIATES, INC.
 3910 KALEY-HORN AND ASSOCIATES, INC.
 3910 KALEY-HORN AND ASSOCIATES, INC.

DATE: 12/13/13
 DRAWN BY: J. L. ...
 CHECKED BY: J. L. ...
 SCALE: AS SHOWN
 PROJECT NO.: ...
 SHEET NO.: ...

CITY OF HOLLYWOOD
 FLORIDA
 OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 DATE: JAN 2013
 PROJECT NO.: 04/24/1012
 SHEET NUMBER: L-1.14

PLANTING SPECIFICATIONS

4. SCOPE
 A. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, SUPPLIES, LABOR, AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOLLYWOOD AND ANY OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANTING AND LANDSCAPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SOILS AND ROCKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING WATERWAYS AND WETLANDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING HISTORIC AND CULTURAL RESOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ARCHITECTURAL AND ARTISTIC FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ELECTRICAL AND MECHANICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TELECOMMUNICATIONS SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING RECORDS AND DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANTING AND LANDSCAPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SOILS AND ROCKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING WATERWAYS AND WETLANDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING HISTORIC AND CULTURAL RESOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ARCHITECTURAL AND ARTISTIC FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ELECTRICAL AND MECHANICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TELECOMMUNICATIONS SYSTEMS.

5. MATERIALS AND METHODS
 A. ALL MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:

- 1. THE LATEST EDITIONS OF THE "MANUAL OF VEGETATION" PUBLISHED BY THE INTERNATIONAL SOCIETY OF VEGETATION SCIENTISTS.
- 2. THE LATEST EDITIONS OF THE "MANUAL OF LANDSCAPE ARCHITECTURE" PUBLISHED BY THE LANDSCAPE ARCHITECTS ASSOCIATION OF AMERICA.
- 3. THE LATEST EDITIONS OF THE "MANUAL OF PLANTING" PUBLISHED BY THE NATIONAL FLORAL ASSOCIATION.
- 4. THE LATEST EDITIONS OF THE "MANUAL OF SOILS" PUBLISHED BY THE SOIL SCIENTISTS SOCIETY OF AMERICA.
- 5. THE LATEST EDITIONS OF THE "MANUAL OF WATERWAYS AND WETLANDS" PUBLISHED BY THE NATIONAL WETLANDS INSTITUTE.
- 6. THE LATEST EDITIONS OF THE "MANUAL OF HISTORIC AND CULTURAL RESOURCES" PUBLISHED BY THE NATIONAL HISTORIC LANDMARKS PRESERVATION AND ADMINISTRATION SERVICE.
- 7. THE LATEST EDITIONS OF THE "MANUAL OF ARCHITECTURAL AND ARTISTIC FEATURES" PUBLISHED BY THE NATIONAL ARCHITECTURAL AND ARTISTIC PRESERVATION SERVICE.
- 8. THE LATEST EDITIONS OF THE "MANUAL OF ELECTRICAL AND MECHANICAL SYSTEMS" PUBLISHED BY THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION.
- 9. THE LATEST EDITIONS OF THE "MANUAL OF TELECOMMUNICATIONS SYSTEMS" PUBLISHED BY THE NATIONAL TELECOMMUNICATIONS ASSOCIATION.

6. PLANTING
 A. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

- 1. ALL PLANTS SHALL BE OBTAINED FROM REPUTABLE NURSERIES AND SHALL BE HEALTHY, FREE FROM DISEASE AND PESTS, AND WELL DEVELOPED.
- 2. ALL PLANTS SHALL BE PLANTED AT THE CORRECT DEPTH AND SPACING.
- 3. ALL PLANTS SHALL BE PLANTED AT THE CORRECT ORIENTATION.
- 4. ALL PLANTS SHALL BE PLANTED AT THE CORRECT SOIL TYPE AND PH.
- 5. ALL PLANTS SHALL BE PLANTED AT THE CORRECT WATERING SCHEDULE.
- 6. ALL PLANTS SHALL BE PLANTED AT THE CORRECT FERTILIZATION SCHEDULE.
- 7. ALL PLANTS SHALL BE PLANTED AT THE CORRECT PRUNING SCHEDULE.
- 8. ALL PLANTS SHALL BE PLANTED AT THE CORRECT PROTECTION SCHEDULE.
- 9. ALL PLANTS SHALL BE PLANTED AT THE CORRECT MAINTENANCE SCHEDULE.
- 10. ALL PLANTS SHALL BE PLANTED AT THE CORRECT REMOVAL SCHEDULE.

7. MAINTENANCE
 A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PLANTING AND LANDSCAPE FOR A PERIOD OF ONE YEAR AFTER THE COMPLETION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING PLANTING AND LANDSCAPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SOILS AND ROCKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING WATERWAYS AND WETLANDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING HISTORIC AND CULTURAL RESOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ARCHITECTURAL AND ARTISTIC FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ELECTRICAL AND MECHANICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TELECOMMUNICATIONS SYSTEMS.

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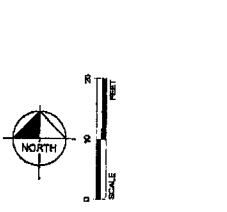
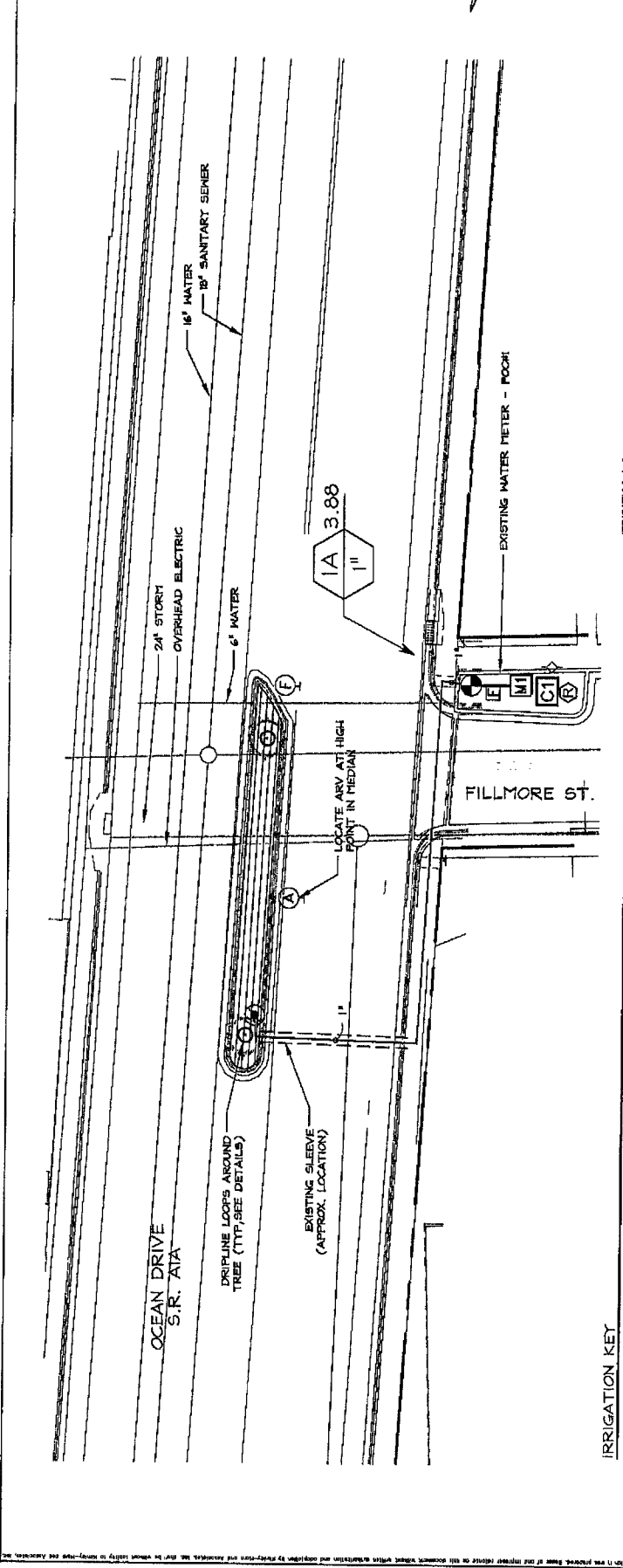
Kimley-Horn and Associates, Inc.
 1500 Oregon Way Suite 200 West Palm Beach, FL 33411
 Phone (407) 842-0800 Fax (407) 855-9176
 WWW.KIMLEY-HORN.COM CA 0028283

DATE: 12.13.15
 CHECKED BY: JH
 DRAWN BY: JH
 REVISIONS BY: JH
 AS NOTED

IRRIGATION PLAN

OCEAN DRIVE
 MEDIAN BEAUTIFICATION
 HOLLYWOOD CRA
 CITY OF HOLLYWOOD
 FLORIDA

DATE: JAN 2016
 PROJECT NO: 04A21012
 SHEET NUMBER: L-2.01



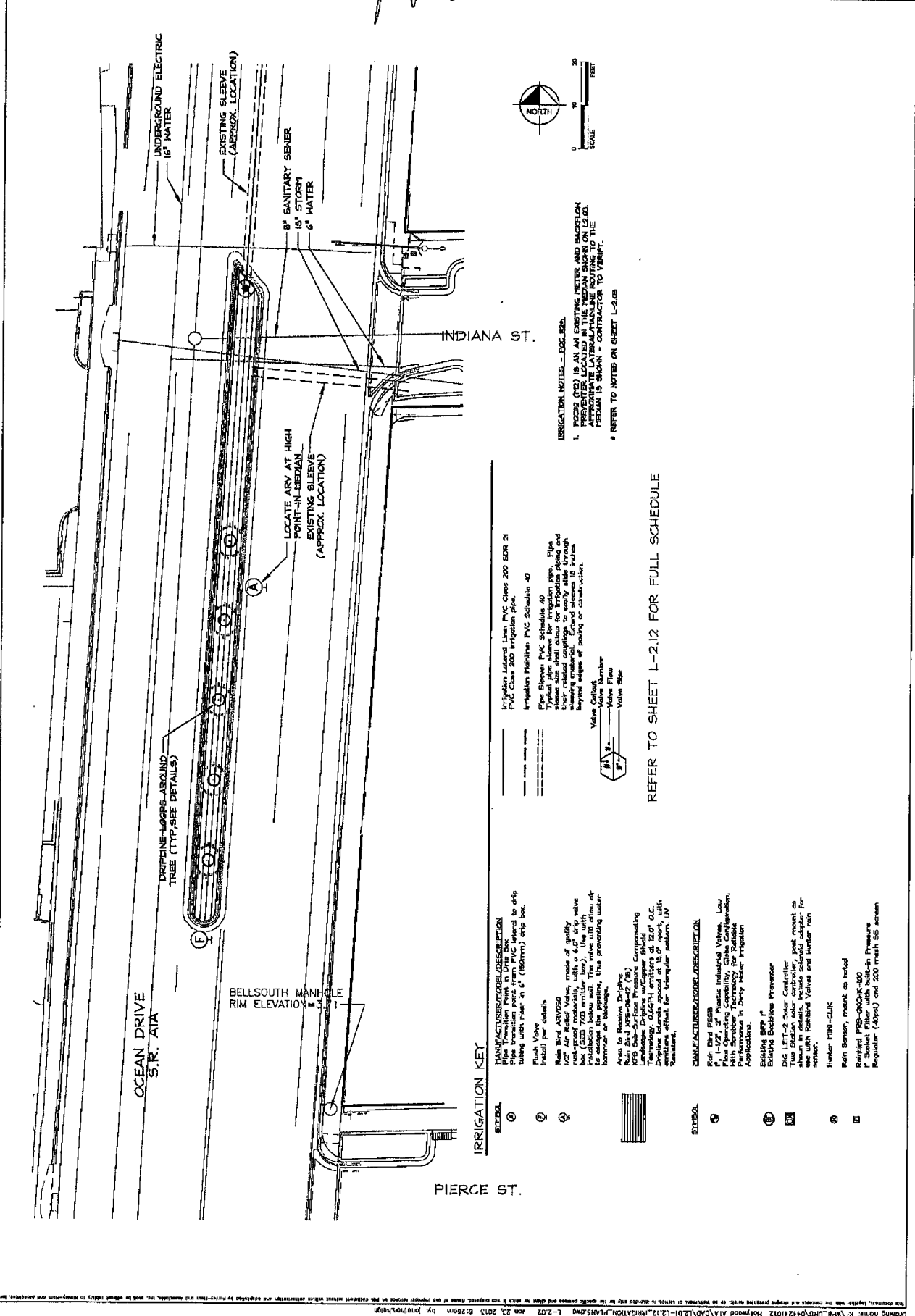
- IRRIGATION METER - POOH 51
1. POOH (M) IS AN EXISTING METER AND BACKFLOW PREVENTER. CONTRACTOR TO VERIFY METER LOCATION AND PROVIDE LATERAL/MAINLINE ROUTING TO THE METER. METER IS SUBJECT TO CONTRACTOR TO VERIFY.
 2. CONTRACTOR TO LOCATE EXISTING METER AND REFERENCE TO EXISTING METER TO BE SHOWN ON THE SAME OF PLAN (LIABILITY).
 3. DESIGN SUCH AS APPROPRIATE AND RECOMMENDED. CONTRACTOR SHALL VERIFY ACCURACY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 4. EXISTING IRRIGATION EQUIPMENT, SLEEVES, AND PIPE TO BE REMOVED AND REPLACED WITH NEW EQUIPMENT. CONTRACTOR TO FIELD-VERIFY ACCURACY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 5. CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE PER 100' OF PIPE IN EACH MEDIAN, PER DETAILS ON SHEET L-2.03.
 6. COORDINATE LOCATION OF CONTROLLER, FILTERS, AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION.
 7. CITY OF HOLLYWOOD ISSUES TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS A PART OF THE PROJECT:
 - AIR RELIEF VALVES
 - BRIT-OPF VALVES
 - CONTROL VALVES
 - SHUT-OFF VALVES
 - RAIN SENSORS

IRRIGATION Lateral Line: PVC Class 200 SDR 21
 PVC Class 200 Irrigation Pipe
 Irrigation Mainline: PVC Schedule 40
 Pipe Sleeve: PVC Schedule 40
 The contractor shall verify the location of their related components to easily allow through the ground surface and access to reach the required depth of installation.

Value Callout
 Value Number
 Value Flow
 Value Size

- REFER TO SHEET L-2.12 FOR FULL SCHEDULE
- | SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
|--------|--|
| ① | Flush Valve
Frost per details |
| ② | Rain Bird ADV250
1/2" Air Relief Valve, made of quality materials, with a 1/2" drip valve to escape the pressure, thus preventing water hammer or backflow. |
| ③ | Rain Bird ADV250
1/2" Air Relief Valve, made of quality materials, with a 1/2" drip valve to escape the pressure, thus preventing water hammer or backflow. |
| ④ | 200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller
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200' Sub-Sub-Irrigation Controller |
| ⑤ | 200' Sub-Sub-Irrigation Controller
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| ⑥ | 200' Sub-Sub-Irrigation Controller
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200' Sub-Sub-Irrigation Controller
200' Sub-Sub-Irrigation Controller |

Project name: K:\WPB\DMC\421012\12 IRRIGATION\PLANS.dwg 1-20 20 23 2013 6:27pm By: jh@kimley-horn.com



IRRIGATION KEY

| | | |
|---|--|---|
| <p>① Irrigation Lateral Line PVC Class 200 SDR 21
PVC Class 200 irrigation pipe.</p> <p>② Irrigation Mainline PVC Schedule 40
Typical pipe sizes for irrigation pipe. Pipe sizes are shown with their reduced capacity to easily allow through existing materials. Eased allows 15' into beyond edge of paving or construction.</p> <p>③ Pipe Sleeve PVC Schedule 40
Typical pipe sizes for irrigation pipe. Pipe sizes are shown with their reduced capacity to easily allow through existing materials. Eased allows 15' into beyond edge of paving or construction.</p> <p>④ Valve Callout Number
⑤ Valve Flare
⑥ Valve Size</p> | <p>⑦ Area to Receive Drip-line
⑧ Rain Sensor
⑨ Rain Sensor
⑩ Rain Sensor</p> | <p>⑪ Rain Sensor, mount as noted</p> <p>⑫ Rain Sensor, mount as noted</p> |
|---|--|---|

MANUFACTURER/DESCRIPTION

① Pipe Transition Point to Drip Box
Pipe transition point from PVC lateral to drip tubing with 1/2" x 1/4" (3/8") drip box.

② Rain Sensor
Rain sensor, model of quality rain-proof material, with a 4" x 4" x 1/4" valve box (S&S 700 emitter box). Use with emitter box to ensure proper operation and to escape the spilling, thus preventing water hammer or blockage.

③ Area to Receive Drip-line
Area to receive drip-line, 2" (1/2") X25 Rain Sensor, model of quality rain-proof material, with a 4" x 4" x 1/4" valve box (S&S 700 emitter box). Use with emitter box to ensure proper operation and to escape the spilling, thus preventing water hammer or blockage.

④ Area to Receive Drip-line
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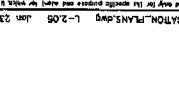
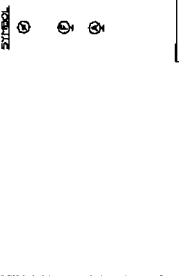
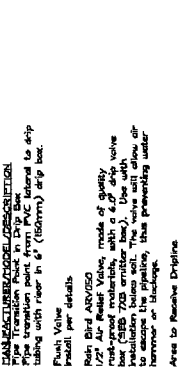
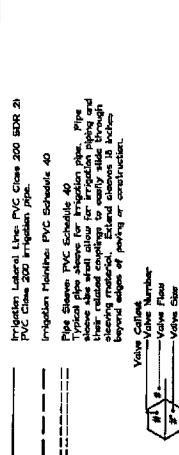
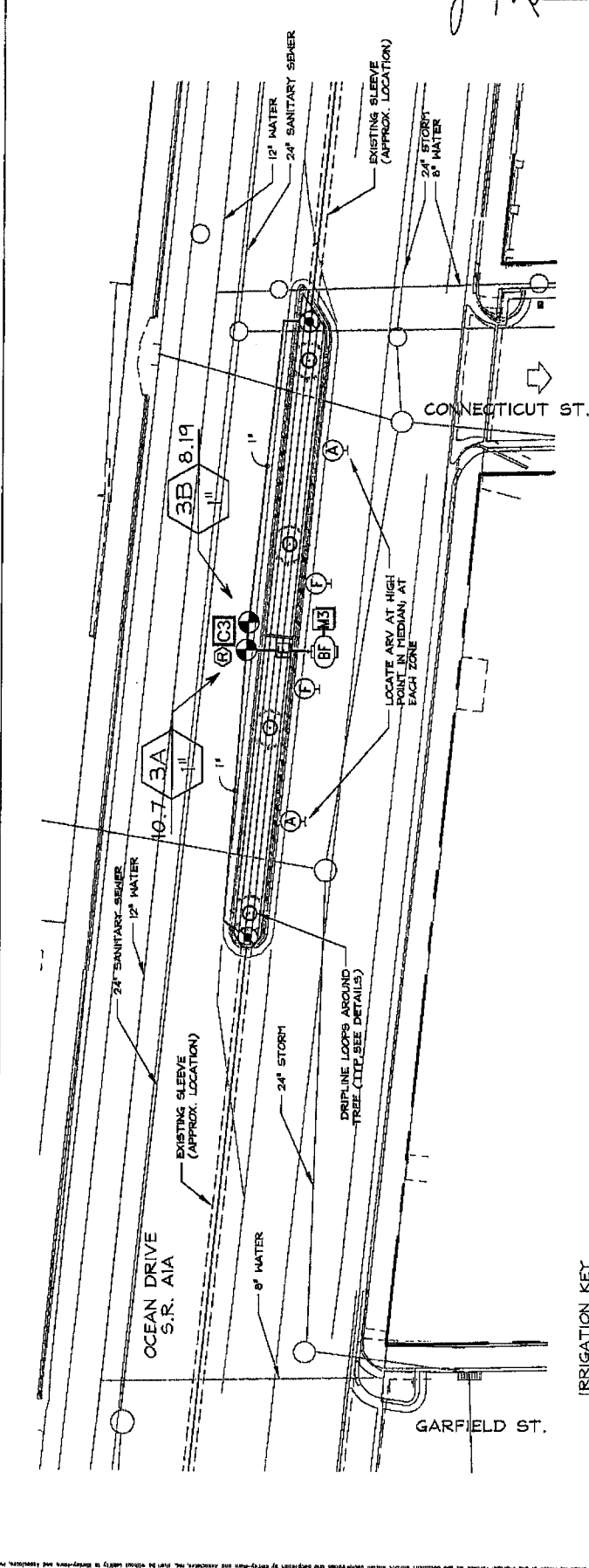
⑨ Area to Receive Drip-line
Area to receive drip-line, 2" (1/2") X25 Rain Sensor, model of quality rain-proof material, with a 4" x 4" x 1/4" valve box (S&S 700 emitter box). Use with emitter box to ensure proper operation and to escape the spilling, thus preventing water hammer or blockage.

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REFER TO SHEET L-2.12 FOR FULL SCHEDULE

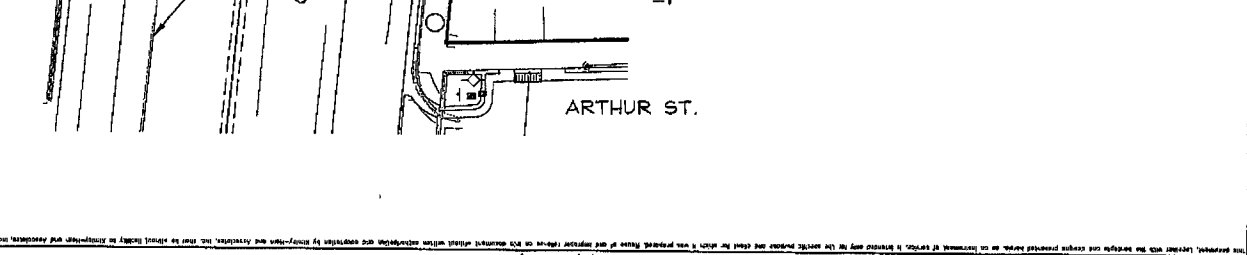
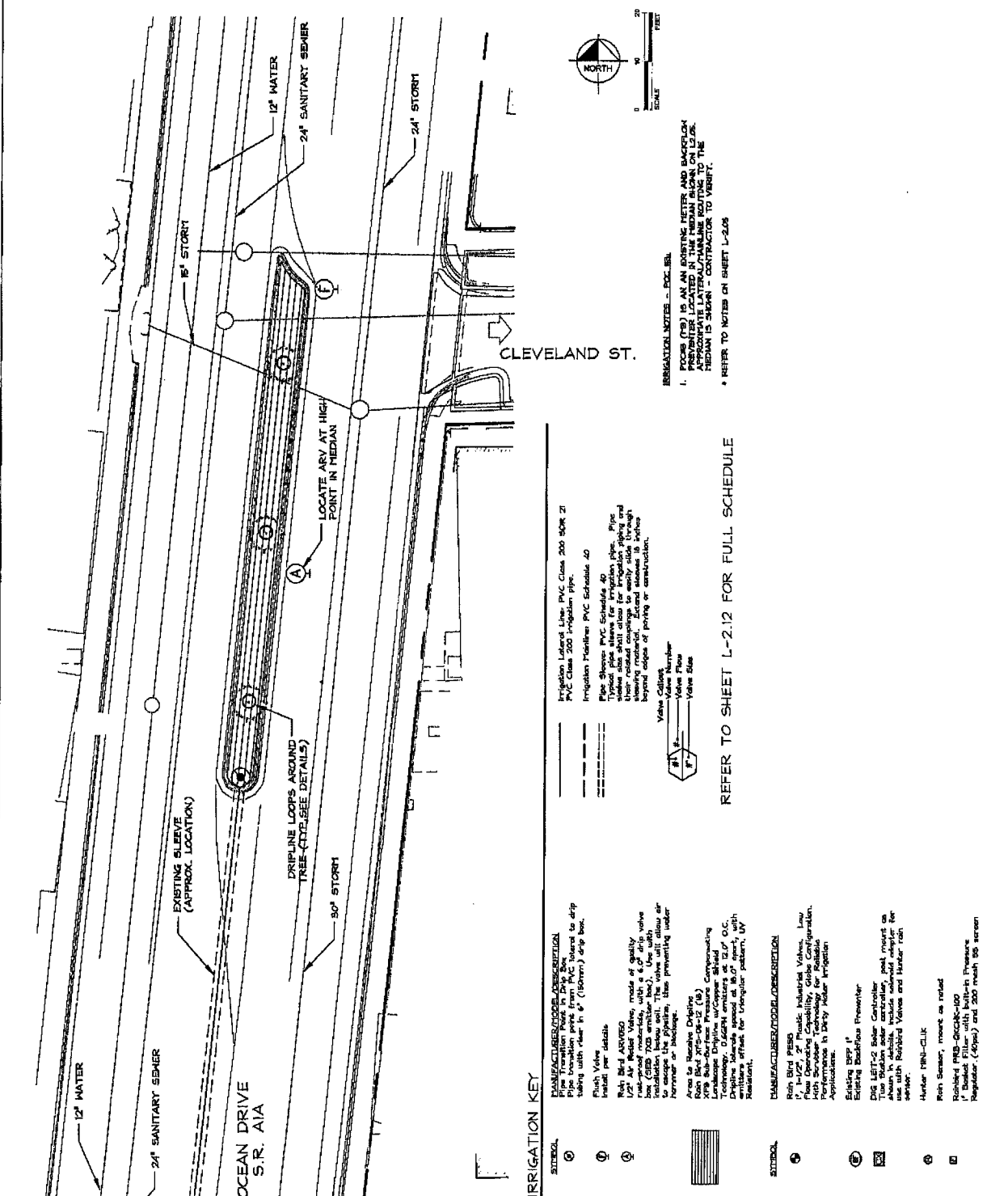


REFER TO SHEET L-2.12 FOR FULL SCHEDULE

- IRRIGATION NOTES - R.O.C.**
- POSS (P) IS AN EXISTING METER AND SCHEDULED FOR REMOVAL. CONTRACTOR TO VERIFY LOCATION AND PROVIDE APPROPRIATE LATERAL/MAINLINE ROUTING TO THE MEDIAN. SEE SHEET L-2.04 FOR DETAILS.
 - CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND REPLACE WITH SOLAR-POWERED VERSION SPECIFIED.
 - DESIGN SHALL BE APPROPRIATE AND DIAGRAMMATIC. CONTRACTOR TO VERIFY ALL SIZES AND MATERIALS. ALL SIZES AND MATERIALS TO BE SHOWN IN SCHEDULE FOR THE DATE OF PLAN LEGIBILITY.
 - EXISTING IRRIGATION EQUIPMENT, SLEEVES, AND PPE LOCATIONS ARE SCALED FROM CITY OF HOLLYWOOD RECORD DRAWINGS. CONTRACTOR TO FIELD-VISIT, 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. CONTRACTOR TO VERIFY ALL SIZES AND MATERIALS. ALL SIZES AND MATERIALS TO BE SHOWN IN SCHEDULE FOR THE DATE OF PLAN LEGIBILITY.
 - CONTRACTOR SHALL VERIFY ALL SIZES AND MATERIALS. CONTRACTOR SHALL VERIFY ALL SIZES AND MATERIALS. CONTRACTOR SHALL VERIFY ALL SIZES AND MATERIALS.
 - CITY OF HOLLYWOOD HAS TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS A PART OF THE PROJECT:
 - IRRIGATION SPRAY HEADS
 - AIR RELIEF VALVES
 - CONTROLLERS
 - SHUT-OFF VALVES
 - RAIN SENSORS
 COORDINATE WITH OWNER'S REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT.
 - REFER TO MASTER IRRIGATION LIST ON SHEET L-2.12, SHEETS L-2.06, L-2.08 AND SPECIFICATIONS ON SHEETS L-2.04 AND L-2.05.

IRRIGATION LATERAL LINE PVC CLASS 200 SDR 21
 IRRIGATION MAINLINE PVC CLASS 200 SDR 21
 PIPE SLEEVES PVC SCHEDULE 40
 PIPE SLEEVES PVC SCHEDULE 40
 PPE (PIPE PROTECTION EQUIPMENT) SHALL BE INSTALLED AT ALL EXISTING AND NEW IRRIGATION EQUIPMENT LOCATIONS. CONTRACTOR TO VERIFY ALL SIZES AND MATERIALS. ALL SIZES AND MATERIALS TO BE SHOWN IN SCHEDULE FOR THE DATE OF PLAN LEGIBILITY.

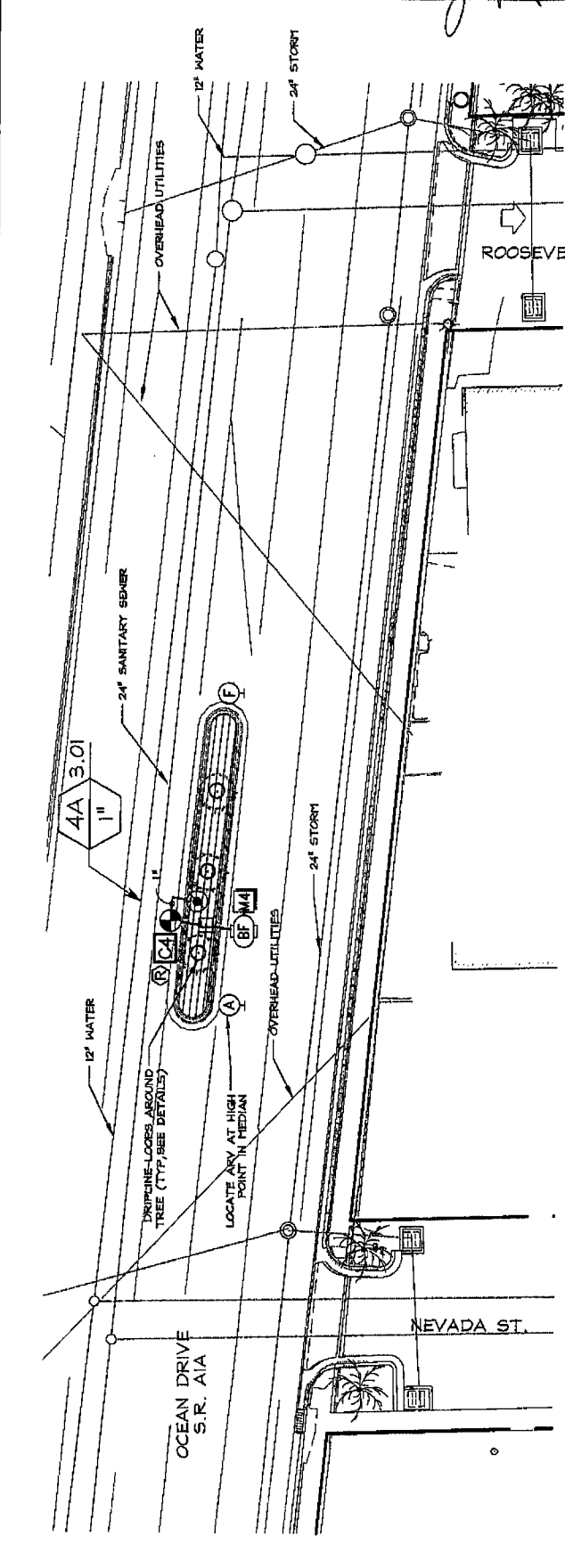
DATE: 12.13.13
 DRAWN BY: J.M.
 CHECKED BY: J.M.
 SCALE: AS SHOWN
 PROJECT NO.: 042241012
 SHEET NUMBER: L-2.05
 CITY OF HOLLYWOOD
 OCEAN DRIVE
 MEDIAN RECONFIGURATION
 FLORIDA
 IRRIGATION PLAN



1. PEGS (P) IS AN EXISTING PETER AND BARCOLOM... APPROXIMATE LATERAL/HALFLINE ROUTES TO THE MEDIAN IS SHOWN - CONTRACTOR TO VERIFY.
 * REFER TO NOTES ON SHEET L-2.05

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

IRRIIGATION Lateral Line: PVC Class 200 40K 21
 PVC Class 200 Irrigation pipe.
 Irrigation Mainline: PVC Schedule 40
 Pipe Slopes: PVC Schedule 40
 Typical pipe slope for irrigation pipe. Pipe slopes also shall allow for irrigation piping and shall be maintained throughout the entire length of the existing mainline. Standard should be below beyond edges of paving or construction.
 Valve Callout: Valve Number, Valve Size, Valve Size

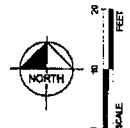
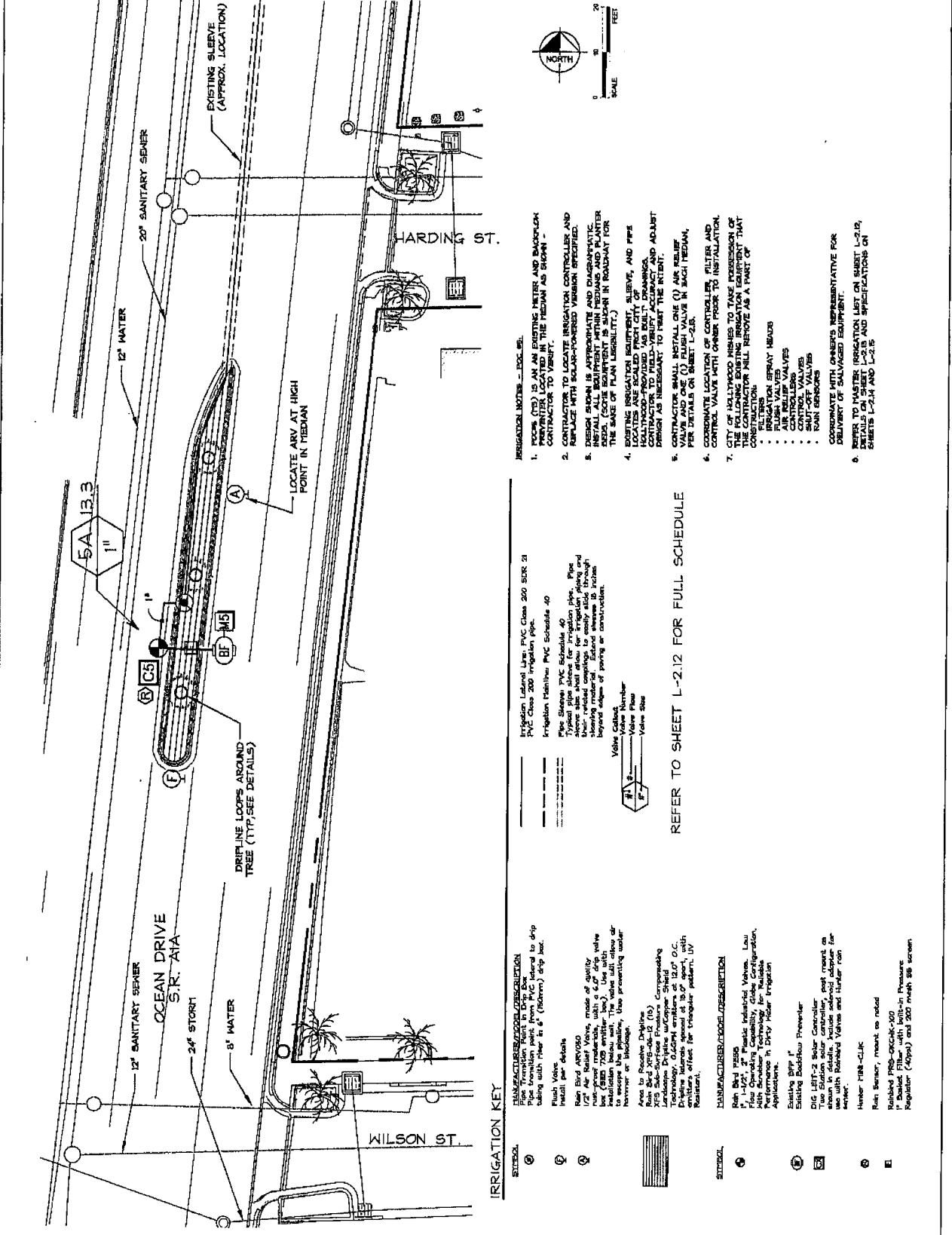


IRRIGATION KEY

- SYMBOL**
- Rain Bird AIRVIBRO
 - Rain Bird 1/2\"/>
- MANUFACTURER/MODEL/DESCRIPTION**
- Rain Bird 1/2\"/>

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

- IRRIGATION NOTES - PVC 8A**
1. ROOM (754) IS AN EXISTING METER 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 APPROPRIATE AND DIAGRAMMATIC. INSTALL ALL EQUIPMENT WITHIN MEDIAN AND PLANTER BOX (SEE 705 EMITTER BOX). USE WITH MANUFACTURING NUMBER OR DATE. THIS VALVE WILL ALLOW DRIPLINE TO BE INSTALLED IN ROADWAY FOR THE SAKE OF PLAIN LEGIBILITY.)
 4. EXISTING IRRIGATION EQUIPMENT, SUBSOIL, AND PIPE LOCATIONS 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 BURST VALVE AND ONE (1) FLUSH VALVE IN EACH MEDIAN, PER DETAILS ON SHEET L-2.13.
 6. COORDINATE LOCATION OF CONTROLLER, FILTER AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION.
 7. CITY OF HOLLYWOOD HIMES TO TAKE POSSESSION OF THE MEDIAN AND IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL PROVIDE AS A PART OF CONSTRUCTION.
 - IRRIGATION EQUIPMENT
 - IRRIGATION SPRAY HEADS
 - FLUSH VALVES
 - CONTROL VALVES
 - BURN WEEDERS
 8. REFER TO MASTER IRRIGATION LIST ON SHEET L-2.14. DETAILS ON SHEET L-2.13 AND SPECIFICATIONS ON SHEETS L-2.14 AND L-2.15

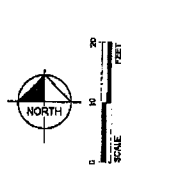
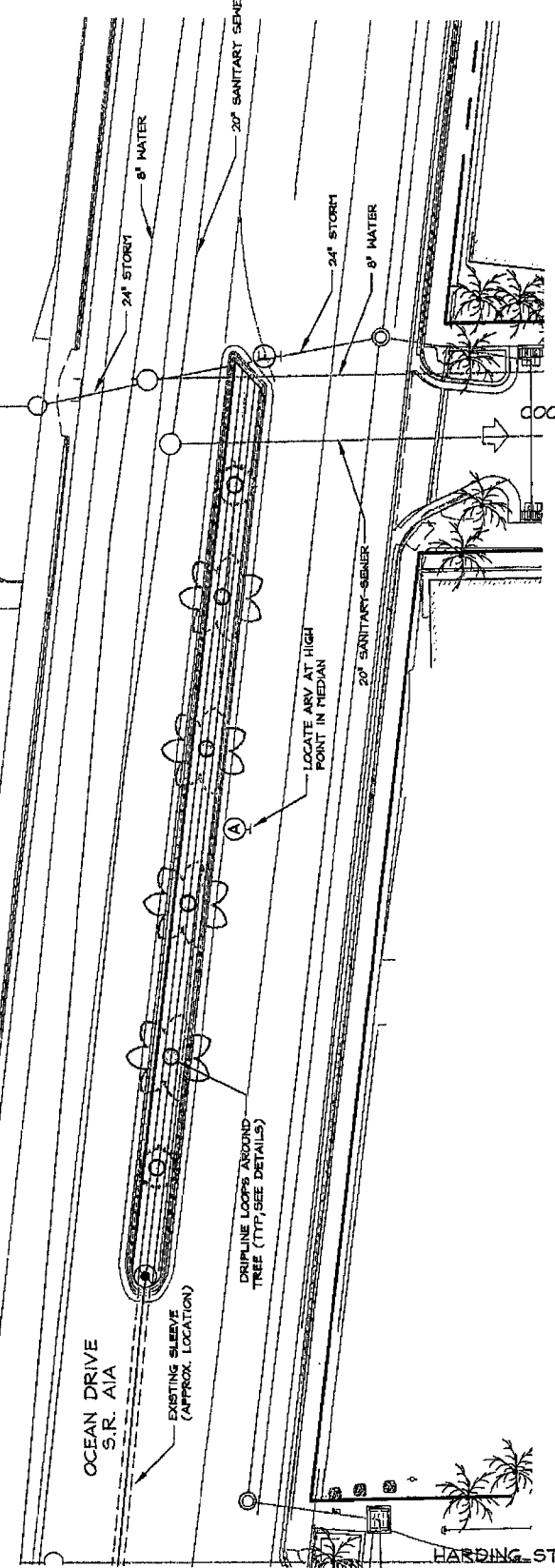


- IRRIGATION NOTES - EOL. 8/1.**
- POOLS (PS) IS AN EXISTING METERS AND BACKFLOW PREVENTER LOCATED IN THE MEDIAN AS SHOWN - CONTRACTOR TO VERIFY.
 - CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND SURFACE WITH BOUND-CONCRETE VARIATION SPECIFIED.
 - DESIGN SHALL BE APPROPRIATE AND DIAGNOSTIC WATER MEASUREMENT SHALL BE TAKEN IN ROADWAY FOR THE SAKE OF PLAIN LIABILITY.
 - EXISTING IRRIGATION EQUIPMENT, SLURVEY, AND PFRS SHALL BE RE-EVALUATED BY THE CITY OF HOLLYWOOD AS SOON AS POSSIBLE. CONTRACTOR TO FIELD-VISIT, ACCURACY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 - CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE (ARV) IN EACH SECTION OF THE MAIN LINE IRRIGATION PIPE.
 - CONTRACTOR SHALL INSTALL ONE (1) FILTER AND CONTROL VALVE WITH ORDER FROM TO INSTALLATION. THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT THE CONTRACTOR WILL REMOVE AS PART OF THE PROJECT:
 - EXISTING IRRIGATION CONTROLLER
 - IRRIGATION SPRAY HEADS
 - AIR RELIEF VALVES
 - CONTROLLERS
 - SHUT-OFF VALVES
 - MAIN SENSORS
 - COORDINATE WITH OWNER'S REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT.
- REFER TO MASTER IRRIGATION LIST ON SHEET L-2.19. DETAILS ON SHEET L-2.15 AND SPECIFICATIONS ON SHEETS L-2.14 AND L-2.15.

- IRRIGATION KEY**
- 1" Irrigation Lateral Line: PVC Class 200 SDR 41
 - 1" PVC Class 200 Irrigation Pipe
 - 1" Irrigation Mainline: PVC Schedule 40
 - 1" Pipe Sleeve: PVC Schedule 40
 - Typical pipe sleeve for irrigation pipe. Pipe sleeve shall allow for irrigation pipe and shall be installed with a minimum of 6" overlap beyond edges of paving or construction.
- Valve Callout:
- Valve Number
 - Valve Size

- MANUFACTURER/MODEL/DESCRIPTION**
- 1 Rain Bird P250
 - 2 Rain Bird P100, 2" Plastic Industrial Valves. Low pressure, cast iron, 1/2" NPT, 150# working pressure. Performance in Dirty Water Irrigation Applications.
 - 3 Existing Rain Bird P250
 - 4 Rain Bird P100, 2" Plastic Industrial Valves. Low pressure, cast iron, 1/2" NPT, 150# working pressure. Performance in Dirty Water Irrigation Applications.
 - 5 Rain Bird P100, 2" Plastic Industrial Valves. Low pressure, cast iron, 1/2" NPT, 150# working pressure. Performance in Dirty Water Irrigation Applications.
 - 6 Hunter P18-CLJK
 - 7 Rain Bird P100, 2" Plastic Industrial Valves. Low pressure, cast iron, 1/2" NPT, 150# working pressure. Performance in Dirty Water Irrigation Applications.
 - 8 Rain Bird P100, 2" Plastic Industrial Valves. Low pressure, cast iron, 1/2" NPT, 150# working pressure. Performance in Dirty Water Irrigation Applications.

REFER TO SHEET L-2.12 FOR FULL SCHEDULE



IRRIGATION NOTES - SEE SET.

- PODS (PD) IS AN EXISTING FEETER AND BACKFLOW PREVENTER LOCATED IN THE MEDIAN AS SHOWN. CONTRACTOR TO VERIFY.

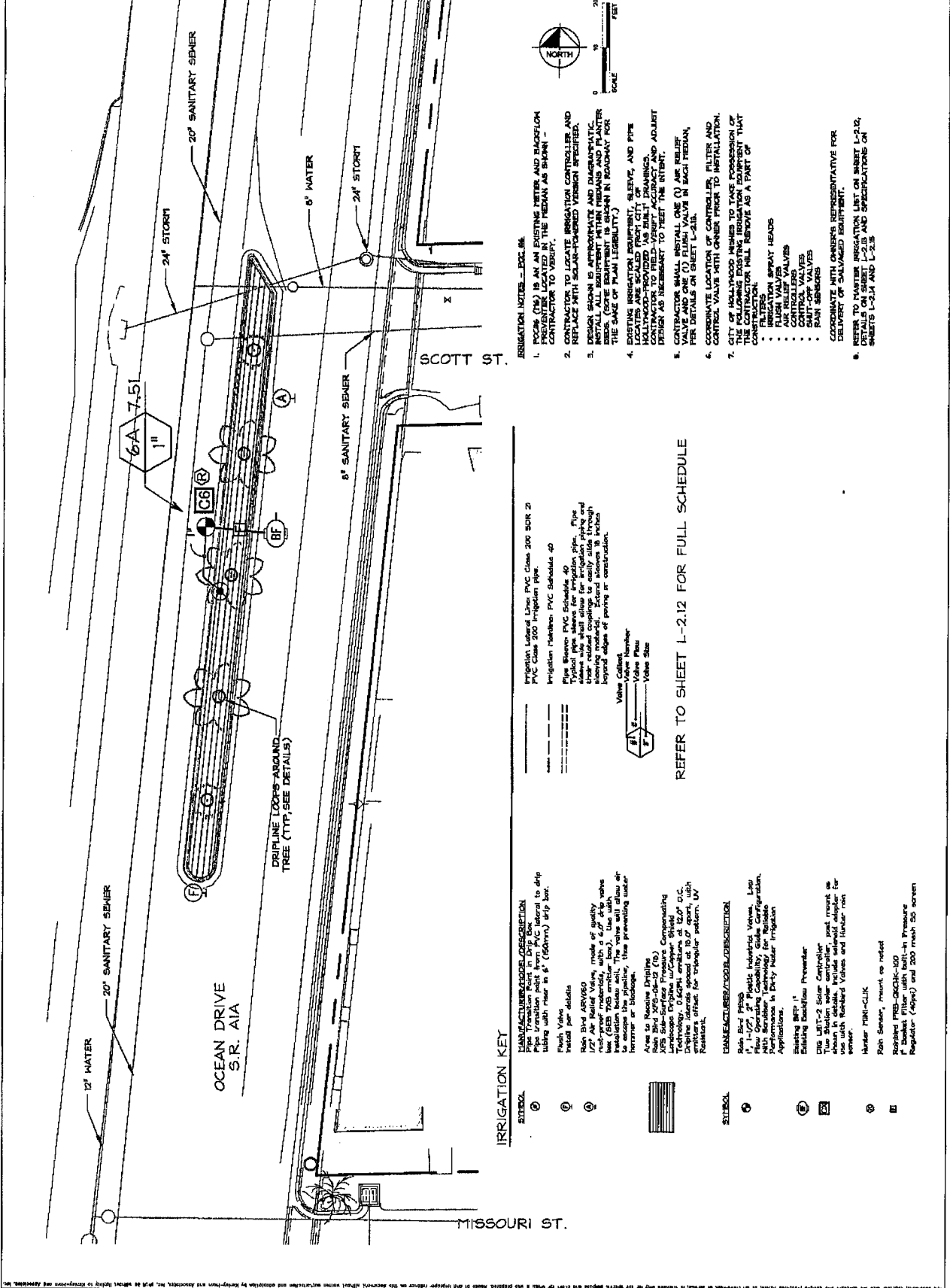
• REFER TO NOTES ON SHEET L-2.08

IRRIGATION KEY

- | SYMBOL | MANUFACTURER/DESCRIPTION |
|--------|---|
| ① | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ② | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ③ | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ④ | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ⑤ | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ⑥ | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |
| ⑦ | 1/2" AIR RELIEF VALVE, made of quality brass, with a 6.0" drip valve
Drip rate: 1.5 GPH @ 1.0 bar
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve
Installation: 1/2" air relief valve |

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

SCALE: AS SHOWN
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 1.22.13
 L45686795
 KIMLEY-HORN AND ASSOCIATES, INC.
 3004 DALEY ROAD, SUITE 200, PALM BEACH, FL 33411
 PHONE: (561) 832-8175
 WWW.KIMLEY-HORN.COM
 CA 000083



IRRIIGATION KEY
 EXTERNAL
 ① Rain Bird PPS
 ② Rain Bird ARV80
 ③ Rain Bird 205-08-02 (R)
 ④ Rain Bird 205-08-02 (R)
 ⑤ Rain Bird 205-08-02 (R)
 ⑥ Rain Bird 205-08-02 (R)
 ⑦ Rain Bird 205-08-02 (R)
 ⑧ Rain Bird 205-08-02 (R)
 ⑨ Rain Bird 205-08-02 (R)
 ⑩ Rain Bird 205-08-02 (R)

MANUFACTURER/MODEL/DESCRIPTION
 Rain Bird PPS
 Rain Bird ARV80
 Rain Bird 205-08-02 (R)
 Rain Bird 205-08-02 (R)
 Rain Bird 205-08-02 (R)
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 Rain Bird 205-08-02 (R)

IRRIGATION NOTES - SEE SEE
 1. PIPING (18\"/>

2. CONTRACTOR TO LOCATE IRRIGATION CONTROLLER AND REPLACE WITH SOLAR-POWERED VERSION UNLESS OTHERWISE SPECIFIED.
 3. DESIGN SUCH AS APPROPRIATE AND DIMENSIONAL. INSTALL ALL EQUIPMENT WITHIN MEDIAN AND PLANTER BEDS. (SEE EQUIPMENT IS SHOWN IN ROADWAY FOR THE SAME OF PLUM LIABILITY.)
 4. EXISTING IRRIGATION EQUIPMENT, SLERVE, AND PIPE TO BE REMOVED AND REPLACED WITH NEW. CONTRACTOR TO FIELD-VERIFY ACCURACY AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 5. CONTRACTOR SHALL INSTALL ONE (1) AIR RELIEF VALVE PER 100' OF PIPE IN EACH FIELD, PER DETAILS 2 ON SHEET L-2.10.
 6. COORDINATE LOCATION OF CONTROLLER, FILTER, AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION.
 7. CITY OF HOLLYWOOD REQUESTS TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT IS NOT NECESSARY FOR THE PROPOSED CONSTRUCTION:
 • FILTERS
 • FLUSH VALVES
 • AIR RELIEF VALVES
 • CONTROL VALVES
 • SHUT-OFF VALVES
 • PAIR SENSORS
 COORDINATE WITH OWNER'S REPRESENTATIVE FOR DELIVERY OF SALVAGED EQUIPMENT.
 8. REFER TO MASTER IRRIGATION LIST ON SHEET L-2.10, SHEETS L-2.14 AND L-2.15

| NO. | REVISIONS | DATE |
|-----|-----------|------|
| | | |

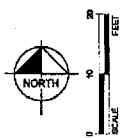
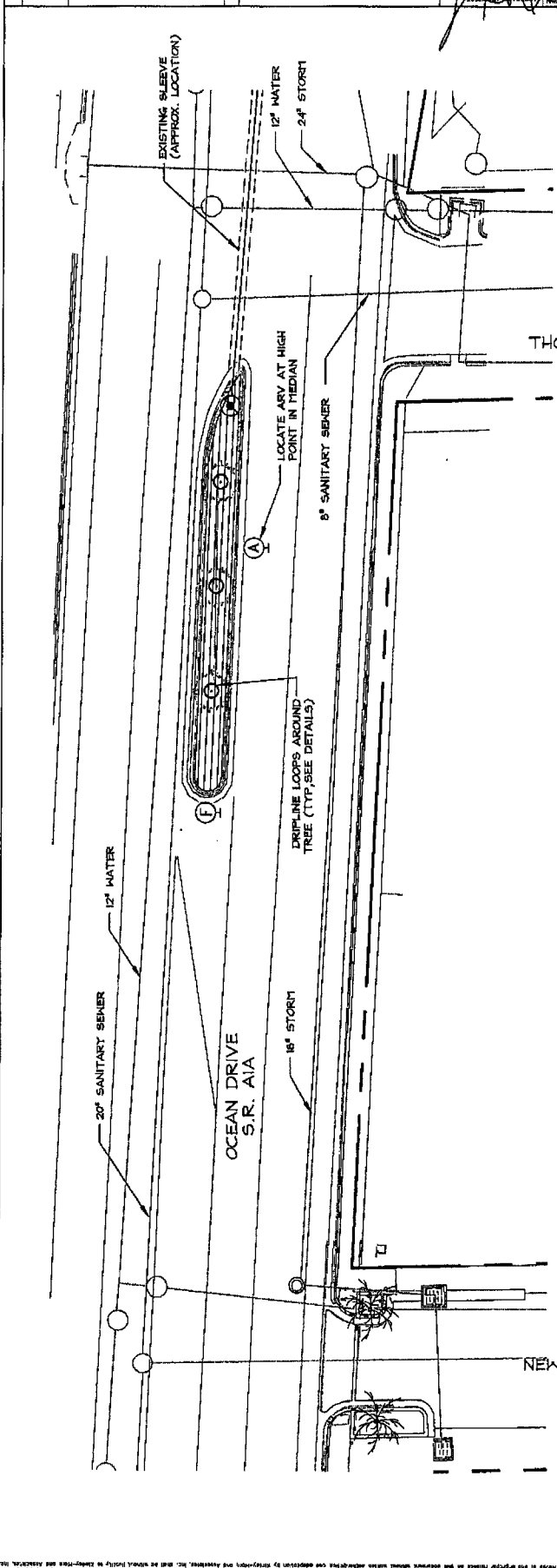
2013 KIMLEY-HORN AND ASSOCIATES, INC.
 1108 WEST MOUNTAIN ROAD, SUITE 200
 WEST MOUNTAIN, ARIZONA 85701-5028
 PHONE (602) 446-0065 FAX (602) 446-0073
 WWW.KIMLEY-HORN.COM

SCALE AS SHOWN
 DESIGNED BY
 AS NOTED
 CHECKED BY
 DATE: 12.13

IRRIGATION PLAN

OCEAN BEAUFORT DRIVE
 MIDDLETOWN, FLORIDA

DATE: JAN 2013
 PROJECT NO: DM241072
 SHEET NUMBER: L-2.11



THOMAS ST.

NEW MEXICO ST.

IRRIGATION KEY

- SYMBOL**
- ① Rain Bird 4000 Series Emitters
 - ② Rain Bird 4000 Series Emitters
 - ③ Rain Bird 4000 Series Emitters
 - ④ Rain Bird 4000 Series Emitters
 - ⑤ Rain Bird 4000 Series Emitters
 - ⑥ Rain Bird 4000 Series Emitters
 - ⑦ Rain Bird 4000 Series Emitters
 - ⑧ Rain Bird 4000 Series Emitters

Irrigation Lateral Line: PVC Class 200 SDR 21
 PVC Class 200 Irrigation Pipe
 Irrigation Mainline: PVC Schedule 40
 Pipe Sleeve: PVC Schedule 40
 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation pipe and sleeve to be joined together with 2 inch overlap beyond edges of paving or construction.
 Valve: Class 200
 Valve Number: 1
 Valve Size: 4"

MANUFACTURER/DESCRIPTION
 Pipe Transition from 8" to 6" (Bottom) drip line.
 Tubing with race in 6" (Bottom) drip line.
 Flush Valve
 Install per details
 Rain Bird 4000 Series
 Rain Bird 4000 Series, made of quality polyethylene with a 1/2" O.D. with a 3/8" I.D. (3/8" emitter box). Use with emitters below soil. This valve will allow for installation and adjustment of emitters without the need for backflow.
 Rain Bird 4000 Series (R) 1/2" O.D. with 3/8" I.D. (3/8" emitter box) technology. GPCFI emitters at 15.0' O.C. Drip line made of 1/2" O.D. polyethylene with 1/2" O.D. for longer pattern, UV resistant.
MANUFACTURER/DESCRIPTION
 Rain Bird PDS
 1" x 1-1/2", 2" Francis Industrial Valves. Low pressure, low torque design for easy operation. Performance in Dirty Water Irrigation Applications.
 Backflow Preventer
 Rain Bird 4000 Series
 1/2" x 1/2" Backflow preventer. High performance, low pressure, low torque design for easy operation. Performance in Dirty Water Irrigation Applications.
 Header "Mini-Click"
 Rain Bird, mount as noted
 Rain Bird 4000 Series-100
 Backflow Filler with built-in Pressure Regulator (4000) and 200 mesh 308 screen

REFER TO SHEET L-2.12 FOR FULL SCHEDULE

- IRRIGATION NOTES - POC & 1. POC/ (17) IS AN EXISTING PETER AND BACKLON CONTRACTOR TO VERIFY.**
1. POC/ (17) IS AN EXISTING PETER AND BACKLON CONTRACTOR TO VERIFY.
2. REFER TO NOTES ON SHEET L-2.12

The contractor shall verify the location and depth of all existing utilities and structures. He shall be liable for any damage to existing utilities or structures. He shall be responsible for the location and depth of all existing utilities and structures. He shall be responsible for the location and depth of all existing utilities and structures. He shall be responsible for the location and depth of all existing utilities and structures.

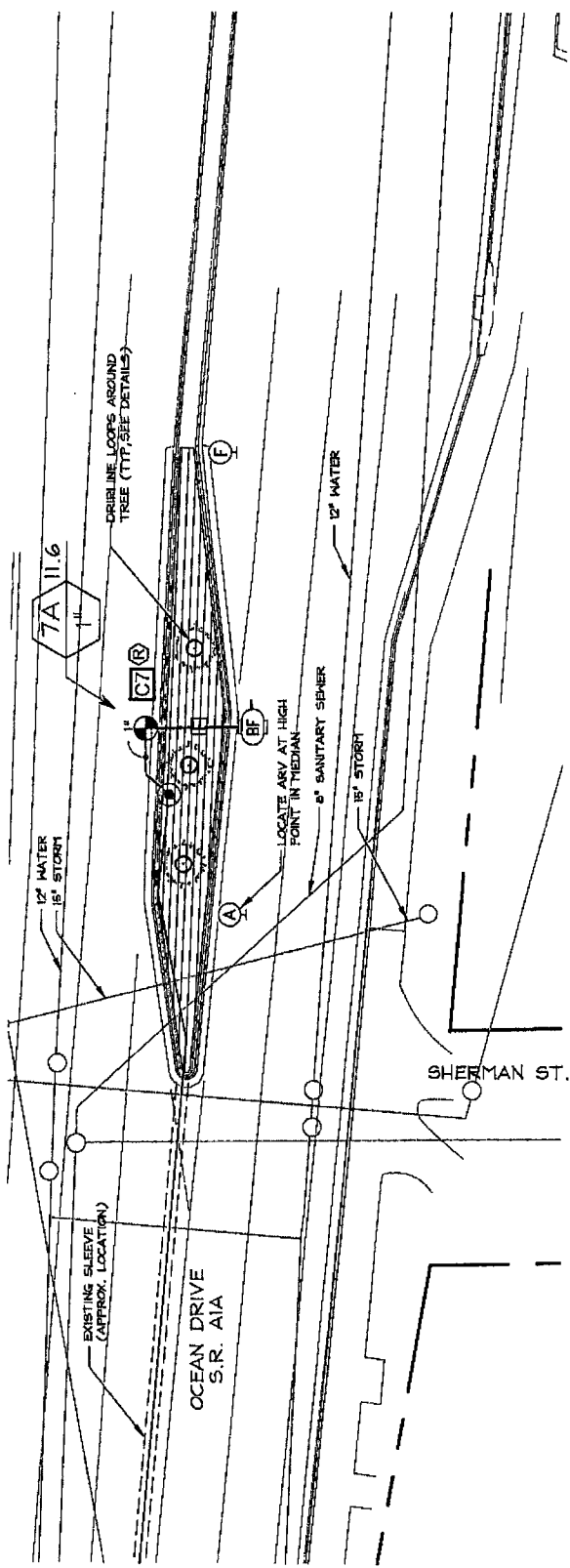
| | | | |
|-----|-----------|------|----|
| NO. | REVISIONS | DATE | BY |
| | | | |

Kimley-Horn
and Associates, Inc.
202 N. Zeeb Road
Portland, OR 97201
503.251.1000

DATE: 1.23.13
DRAWN BY: JLM
CHECKED BY: JLM
PROJECT NO.: 13-0011
SHEET NO.: L-2.12

IRRIGATION PLAN

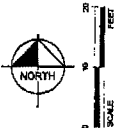
CITY OF HOLLYWOOD
FLORIDA
OCEAN DRIVE
MEDIAN BEAUTIFICATION
PROJECT NO.: 13-0011
SHEET NO.: L-2.12



- IRREGULAR NOTES - DOC. #1**
- POST (C1) IS AN EXISTING PETER AND BACKFLON 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 TO THE EXTENT POSSIBLE. DESIGN AS NECESSARY TO MEET THE INTENT OF THE SCHEDULE.
 - EXISTING IRRIGATION EQUIPMENT, VALVES, AND PIPE LOCATIONS ARE SHOWN FROM CITY OF HOLLYWOOD PROVIDED AS BUILT DRAWINGS. CONTRACTOR SHALL VERIFY THESE LOCATIONS AND ADJUST DESIGN AS NECESSARY TO MEET THE INTENT.
 - CONTRACTOR SHALL INSTALL ONE (1) AS PER IF VALVE AND ONE (1) RAIN VALVE IN EACH MEDIAN, PER DETAILS ON SHEET L-2.3E.
 - COORDINATE LOCATION OF CONTROLLER, FILTER AND CONTROL VALVE WITH OWNER PRIOR TO INSTALLATION. CITY OF HOLLYWOOD RESERVES TO TAKE POSSESSION OF THE FOLLOWING EXISTING IRRIGATION EQUIPMENT THAT CONTRACTOR WILL REMOVE AS A PART OF CONSTRUCTION:
 - FILTERS
 - RAIN VALVES
 - CONTROL VALVES
 - SOLENOID VALVES
 - BUILT UPS
 - REFER TO MEDIAN IRRIGATION SCHEDULE ON SHEET L-2.1E, DETAILS ON SHEET L-2.1B AND SPECIFICATIONS ON SHEETS L-2.1A AND L-2.1E

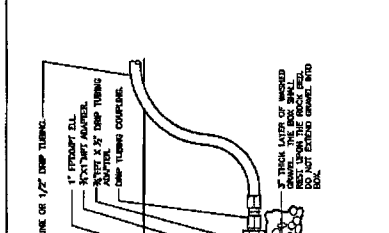
IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY |
|--------|---|-----|
| (1) | Pipe Transition Point in Drop Box. Post mount as shown in detail. Includes rubber gasket and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (2) | 1/2" Air Relief Valve, made of quality non-ferrous material, with a 3/8" slip valve near top, and a 1/2" slip valve near bottom to escape the pipe, thus preventing water hammer or back-siphonage. | 7 |
| (3) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (4) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (5) | 1" Rainbird PFB Backflow Preventer. Low Flow Operating Capability. Globe Configuration. Performance in 1500-1800 psi applications. | 7 |
| (6) | 1" Rainbird PFB Backflow Preventer. Low Flow Operating Capability. Globe Configuration. Performance in 1500-1800 psi applications. | 7 |
| (7) | 1" Rainbird PFB Backflow Preventer. Low Flow Operating Capability. Globe Configuration. Performance in 1500-1800 psi applications. | 7 |
| (8) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (9) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (10) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (11) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (12) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (13) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (14) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (15) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (16) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (17) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (18) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (19) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (20) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (21) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (22) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (23) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (24) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |
| (25) | DIG LET-2 Solar Controller. Post mount as shown in detail. Includes solar panel and use with Rainbird Valves and Hunter rain sensor. | 7 |

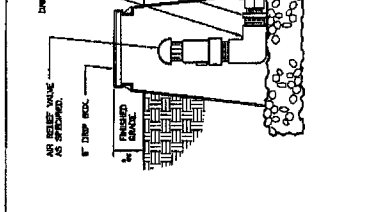


NO. REVISIONS DATE BY

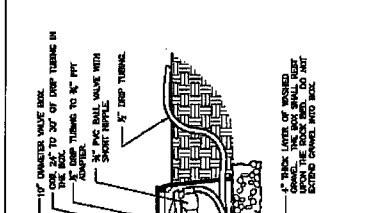
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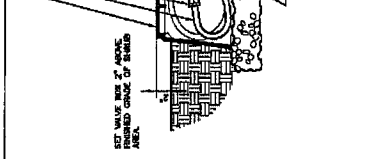
1 TYPICAL DRIPLINE LAYOUT REQUIREMENTS
3" = 1'-0"



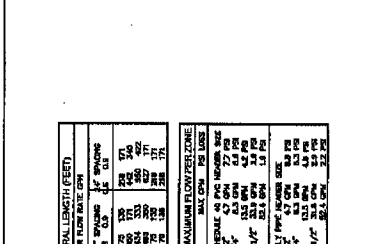
2 DRIP FLUSH VALVE
1 1/2" = 1'-0"



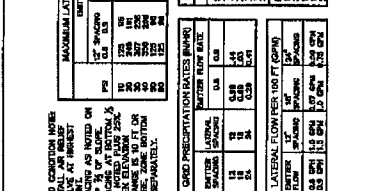
3 DRIP AIR RELIEF VALVE IN BOX
3" = 1'-0"



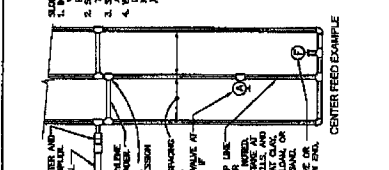
4 ZONE CONTROL
3" = 1'-0"



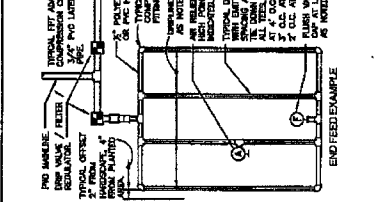
5 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"



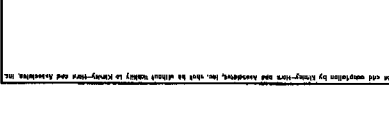
6 POST MOUNT SOLAR CONTROLLER AND RAIN SENSOR
3" = 1'-0"



7 FILTER
3" = 1'-0"



8 TRENCHING DETAIL
3" = 1'-0"



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



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



11 LATERAL TO DRIP FEED DETAILS
3" = 1'-0"

STANDARD CONDITION NOTES

- MATERIAL AND RELIEF VALVE AS SHOWN.
- 1/2" DIA. BALL VALVE ON EACH END OF DRIPLINE FOR 1/2" DIA. BALL VALVE WITH SHORT HANDLE.
- 1/2" DIA. BALL VALVE WITH SHORT HANDLE.
- 1/2" DIA. BALL VALVE WITH SHORT HANDLE.
- 1/2" DIA. BALL VALVE WITH SHORT HANDLE.
- 1/2" DIA. BALL VALVE WITH SHORT HANDLE.
- 1/2" DIA. BALL VALVE WITH SHORT HANDLE.

COLD PRECIPITATION RATES (INCHES)

| WINTER | SUMMER | MAXIMUM FLOW PER ZONE (GPM) | DRAINAGE | PERIOD | PER ZONE |
|--------|--------|-----------------------------|----------|--------|----------|
| 0.4 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.4 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.4 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 |

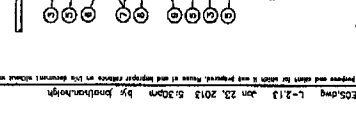
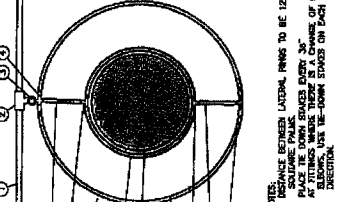
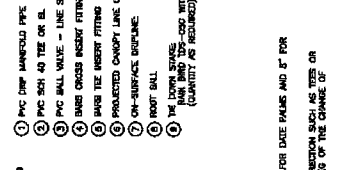
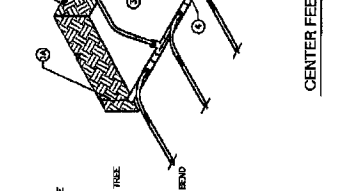
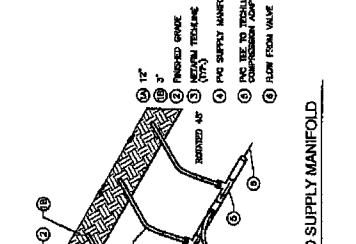
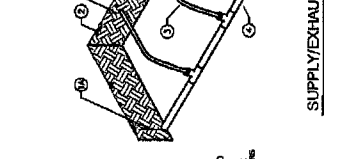
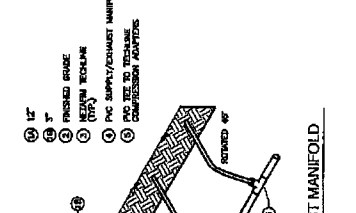
LATERAL FLOW PER FOOT (GPM)

| DRAINAGE PERIOD | 1" DIA. | 1 1/2" DIA. | 2" DIA. | 3" DIA. |
|-----------------|---------|-------------|---------|---------|
| 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

1. DISTANCE BETWEEN LATERAL RINGS TO BE 12" FOR 1/2" PALS AND 24" FOR 3/4" PALS.

2. PLACE THE DOWN SHAKES EVERY 30'.

3. AT FITTINGS AND WRENCH ENDS ON EACH END OF THE SERVICE OR DISTRIBUTION.



The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

2. Polyethylene Pipe (PE) (Where indicated in plan, use non-potable purple pipe.)
 3. Lateral PVC shall conform to the requirements of ASTM D2041 (Class 100 or 125). All lateral piping less than 3" in diameter shall be Class 200 SDR-26.
 4. 1/4" Under Pressure PVC shall conform to the requirements of ASTM D2041, Class 100 or 125, Schedule 40, 1/4" thick and for solvent weld construction.
 5. Pipe Markings: All PVC pipe shall bear the following markings:
 a. Manufacturer's Name
 b. Manufacturer's Logo
 c. Pressure Rating of Pipe
 d. Diameter
 e. Date of Extrusion

2.04 PVC JOINTS
 Joints in PVC pipe smaller than 3" shall be solvent welded in accordance with the recommendations of the pipe manufacturer; the solvent cleaner and welding compound furnished with the pipe.

2.05 THREADED CONNECTIONS
 A. Threaded PVC connections shall be made up using Teflon tape only.
 B. Connection between existing pipe fittings and automatic or manual control valves shall be made using Schedule 40 threaded fittings and nipples.

2.06 SOLVENT CEMENT
 A. General: PVC solvent cement and primer for PVC solvent weld pipe and fittings recommended by the manufacturer. Pipe joints for solvent weld pipe to be installed and pipe joints for gasketed pipe to be installed using pipe. Hasket gaskets shall not be installed.
 B. Three Blocker: The pipe or gasket in diameter shall have three blocks placed and placed in accordance with the pipe manufacturer's recommendations. In the absence of specified instructions, the blocks shall be placed as follows:
 1. One block shall be placed at the top of the pipe.
 2. One block shall be placed at the bottom of the pipe.
 3. One block shall be placed at the side of the pipe.
 C. Solvent Cement: The solvent cement shall be applied to the pipe and fittings in accordance with the manufacturer's instructions.

2.07 PIPES AND JARRE SLEEVES
 A. Sleeves to be installed:
 1. The Contractor shall install irrigation system pipe and wire sleeves conforming to the following:
 a. All pipe sleeves shall extend a minimum of 3" beyond the edge of pavement.
 b. All pipe sleeves to be installed beneath sidewalks, driveways and other paved areas shall be PVC pipe Schedule 40 or job and have steel pipe on per EIGHT specifications, and an abrasion plate.
 c. All irrigation system wires shall be sleeved separately from pipe or lateral lines.
 d. All pipe sleeves shall be installed at the minimum depth specified for each line, lateral line, and electric wire.
 e. Installation of the irrigation system.

2.08 DRINKING SPRINKLER HEADS
 A. In-line Sprinkler Heads:
 1. The Contractor shall install drinking sprinkler heads conforming to the following:
 a. The sprinkler head shall be installed at the top of the pipe.
 b. The sprinkler head shall be installed at the top of the pipe.
 c. The sprinkler head shall be installed at the top of the pipe.
 d. The sprinkler head shall be installed at the top of the pipe.
 e. The sprinkler head shall be installed at the top of the pipe.
 f. The sprinkler head shall be installed at the top of the pipe.
 g. The sprinkler head shall be installed at the top of the pipe.
 h. The sprinkler head shall be installed at the top of the pipe.
 i. The sprinkler head shall be installed at the top of the pipe.
 j. The sprinkler head shall be installed at the top of the pipe.
 k. The sprinkler head shall be installed at the top of the pipe.
 l. The sprinkler head shall be installed at the top of the pipe.
 m. The sprinkler head shall be installed at the top of the pipe.
 n. The sprinkler head shall be installed at the top of the pipe.
 o. The sprinkler head shall be installed at the top of the pipe.
 p. The sprinkler head shall be installed at the top of the pipe.
 q. The sprinkler head shall be installed at the top of the pipe.
 r. The sprinkler head shall be installed at the top of the pipe.
 s. The sprinkler head shall be installed at the top of the pipe.
 t. The sprinkler head shall be installed at the top of the pipe.
 u. The sprinkler head shall be installed at the top of the pipe.
 v. The sprinkler head shall be installed at the top of the pipe.
 w. The sprinkler head shall be installed at the top of the pipe.
 x. The sprinkler head shall be installed at the top of the pipe.
 y. The sprinkler head shall be installed at the top of the pipe.
 z. The sprinkler head shall be installed at the top of the pipe.

2.09 OPERATIONS AND MAINTENANCE
 A. The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

2.10 MATERIALS
 A. The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

2.11 OPERATIONS AND MAINTENANCE
 A. The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

2.12 OPERATIONS AND MAINTENANCE
 A. The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

2.13 OPERATIONS AND MAINTENANCE
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2.14 OPERATIONS AND MAINTENANCE
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2.15 OPERATIONS AND MAINTENANCE
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2.16 OPERATIONS AND MAINTENANCE
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2.18 OPERATIONS AND MAINTENANCE
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2.19 OPERATIONS AND MAINTENANCE
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2.20 OPERATIONS AND MAINTENANCE
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2.21 OPERATIONS AND MAINTENANCE
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2.22 OPERATIONS AND MAINTENANCE
 A. The Contractor shall provide all materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

IRIGATION SPECIFICATIONS

PART III: EXECUTION

3.01 INSPECTION

The Contractor shall examine the ground and conditions under which landscape irrigation system is to be installed and notify the Landscape Architect in writing of conditions detrimental to the proper and efficient installation of the system. The Contractor shall proceed with the work until satisfactory conditions have been corrected to a level acceptable to the Landscape Architect.

3.02 PREPARATION

The Contractor shall provide adequate drainage for the system. The Contractor shall provide adequate drainage for the system. The Contractor shall provide adequate drainage for the system.

3.03 TRENCHING AND BACKFILLING

The Contractor shall excavate and backfill trenches in accordance with the following specifications. The Contractor shall excavate and backfill trenches in accordance with the following specifications.

3.04 INSTALLATION OF PIPING

The Contractor shall install piping in accordance with the following specifications. The Contractor shall install piping in accordance with the following specifications.

3.05 BACKFILLING PROCEDURES

The Contractor shall backfill trenches in accordance with the following specifications. The Contractor shall backfill trenches in accordance with the following specifications.

3.06 VALVES

The Contractor shall install valves in accordance with the following specifications. The Contractor shall install valves in accordance with the following specifications.

2.09 AUTOMATIC CONTROL VALVE

The automatic control valve shall be as specified on the plans, or approved equal.

2.10 GATE VALVES

Gate valves for 3/4" through 2-1/2" shall be of brass or bronze construction, solid wedge, 125 lbs. pressure, non-rising stem with hand operating handle. Gate valves for 3" through 48" shall be of cast iron construction, solid wedge, 125 lbs. pressure, non-rising stem with hand operating handle.

2.11 VALVE BOXES

For gate valves, use AMTREC 80-181-04 box with 80-181-05 locking lid, as per the drawings. For other valves, use AMTREC 80-181-04 box with 80-181-05 locking lid, as per the drawings.

2.12 IRRIGATION WIRING

Wiring for all control valves shall be in accordance with the following specifications. The Contractor shall provide adequate drainage for the system.

2.13 MISCELLANEOUS MATERIALS

The Contractor shall provide all materials and supplies necessary for the installation of the system. The Contractor shall provide all materials and supplies necessary for the installation of the system.

2.14 AUTOMATIC CONTROL SYSTEM

The Contractor shall provide and install an automatic control system in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

3.07 CONDUIT AND SLURVES

Conduits and slurves shall be installed in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

3.08 CONTROLS

The Contractor shall provide and install an automatic control system in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

3.10 SPRINKLER HEADS

The Contractor shall provide and install an automatic control system in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

3.12 COMPLETION

The Contractor shall complete the installation of the system in accordance with the following specifications. The Contractor shall complete the installation of the system in accordance with the following specifications.

3.12 MAINTENANCE

The Contractor shall provide and install an automatic control system in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

3.12 MAINTENANCE

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3.12 MAINTENANCE

The Contractor shall provide and install an automatic control system in accordance with the following specifications. The Contractor shall provide and install an automatic control system in accordance with the following specifications.

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
1-95 @ Hollywood Blvd.
422796-1-52-01
30-Nov-12 | | | | | | | | | |
|--|--|-------------|------|----------|--------------------|--|--|--|--|
| OVERALL LANDSCAPE
COST ESTIMATE | | | | | | | | | |
| | | UNIT COST | UNIT | QUANTITY | TOTAL COST | | | | SPECIFICATION |
| *PALMS | | | | | | | | | |
| SABAL PALM | | \$240.00 | EA | 7 | \$1,680.00 | | | | 12' Clear Trunk, Booted, Straight Trunk |
| THATCH PALM | | \$640.00 | EA | 20 | \$12,800.00 | | | | 10'-12' Overall Height, Full Crown, Straight Trunk |
| *SHRUBS | | | | | | | | | |
| DWARF FIREBUSH | | \$7.50 | EA | 1,519 | \$11,392.50 | | | | 3 Gallon, 24"x18", Full, 3' On Center |
| DWARF FAKAHATCHEE | | \$7.00 | EA | 400 | \$2,800.00 | | | | 3 Gallon, 24"x18", Full, 2.5' On Center |
| SAND CORDGRASS | | \$7.00 | EA | 204 | \$1,428.00 | | | | 3 Gallon, 24"x18", Full, 3.5' On Center |
| COCOPLUM HORIZONTAL | | \$8.00 | EA | 3,236 | \$25,888.00 | | | | 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 | | | | | \$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.

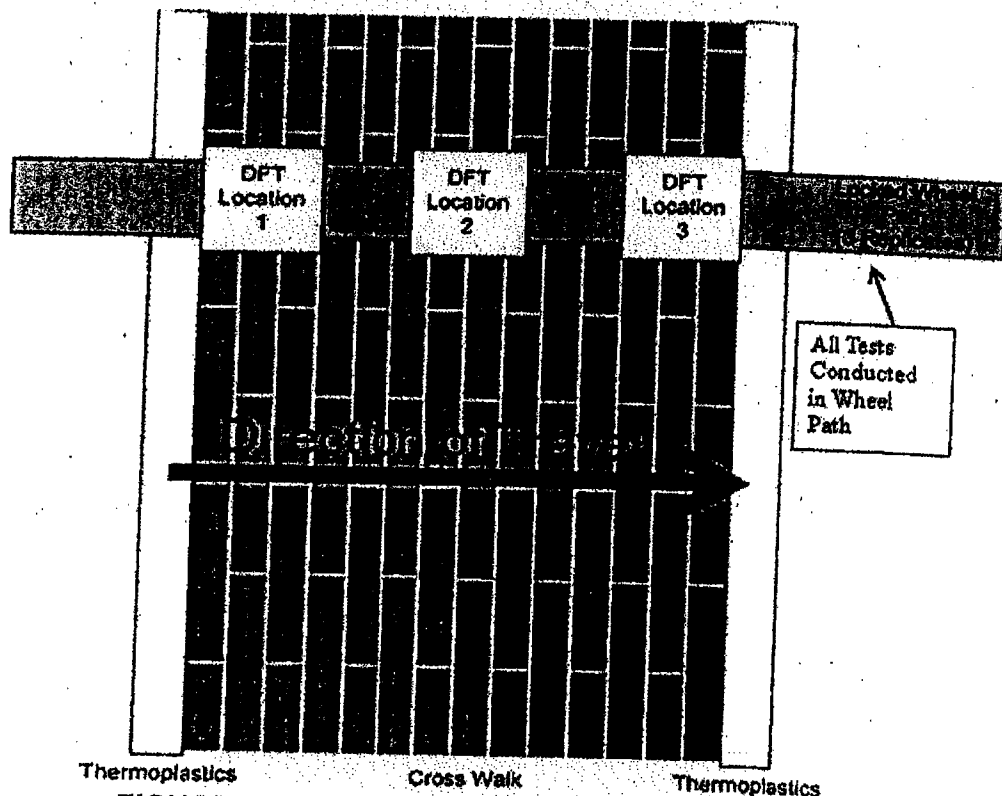


FIGURE 1 Testing protocol for patterned pavement.

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>.