RESOLUTION NO. 2008- 49

CITY OF POMPANO BEACH
Broward County, Florida

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE A DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT, INCLUSIVE AGREEMENT, BETWEEN THE CITY OF POMPANO BEACH AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FOR THE INSTALLATION AND MAINTENANCE OF LANDSCAPE IMPROVEMENTS FOR STATE ROADS 811, 814, 834, 844, 845, 849, 5, 9 AND A1A; PROVIDING AN EFFECTIVE DATE.

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA:

SECTION 1. That an Agreement between the City of Pompano Beach and the State of Florida Department of Transportation, a copy of which Agreement is attached hereto and incorporated by reference as if set forth in full, is hereby approved.

SECTION 2. That the proper City officials are hereby authorized to execute said Agreement between the City of Pompano Beach and the State of Florida Department of Transportation.

SECTION 3. This Resolution shall become effective upon passage.

PASSED AND ADOPTED this 13th day of November, 2007.

LAMAR FISHER, MAYOR

ATTEST:

MARY L. CHAMBERS, CITY CLERK

GBL/jrm
10/17/07
l:reso/2008-17

PLEASE RETURN DOCUMENT TO:
Mary L. Chambers, CMC
City Clerk
City of Pompano Beach
100 West Atlantic Boulevard
Pompano Beach, FL 33060

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

DISTRICT FOUR (4)
MAINTENANCE MEMORANDUM OF AGREEMENT
INCLUSIVE AGREEMENT

THIS AGREEMENT, made and entered into this 5th day of December 2007 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 POMPANO BEACH**, a political subdivision of the State of Florida, existing under the Laws of Florida, hereinafter called the **AGENCY**.

W I T N E S S E T H:

WHEREAS, the **DEPARTMENT** has jurisdiction over **State Roads 811, 814, 834, 844, 845, 849, 5, 9 and A1A** as part of the State Highway System as described in Exhibit A; and

WHEREAS, the **DEPARTMENT** seeks to install or has installed and maintain certain landscape improvements within the right-of-way of State Road 814 & 834 as described within Exhibit B; and

WHEREAS, the **AGENCY** seeks to install and maintain certain landscape improvements within the right-of-way of State Road 811 as described within Exhibit B; and

WHEREAS, the **AGENCY** and the **DEPARTMENT** have entered into previous agreements for the **AGENCY** to maintain landscape and hardscape 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 SR 814 and 834 described further in Exhibit B attached hereto and incorporated by reference herein, within the corporate limits (or unincorporated if County) of the **AGENCY**; and

WHEREAS, the **DEPARTMENT**, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain the highway facilities as described in Exhibit A attached hereto and incorporated by reference herein, within the corporate limits of the **AGENCY**; and

WHEREAS, the **AGENCY** is of the opinion that highway facilities within the **AGENCY'S** limits that contain landscaped medians and areas outside the travel way to the right of way line and areas within the travel way of interlocking pavers or stamped asphalt or stamped concrete, including any hardscape, shall be maintained by periodic pruning, mowing, fertilizing, weeding, litter pick-up, necessary replanting and repair; and

WHEREAS, the **AGENCY** and **DEPARTMENT** intend for this agreement to replace and supersede the agreements described in Exhibit C 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. 2008-49 dated Nov. 13, 2007, 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 **DEPARTMENT** has installed, or will install, landscape, irrigation and/or hardscape on the highway facilities as specified in plans and specifications hereinafter referred to as the Projects and incorporated herein as referenced as State Roads 811, 814, 834, 844, 845, 849, 5, 9, and A1A in Exhibit B, C & D. Hardscape shall mean any non-standard lighting and/or sidewalk or median surfacing such as: interlocking pavers, stamped asphalt or stamped concrete.

2. The **AGENCY** has installed, or will install, landscape, irrigation and/or hardscape on the highway facilities as specified in plans and specifications hereinafter referred to as the Projects and incorporated herein as Exhibit B and Exhibit E. Hardscape shall mean any non-standard lighting and/or sidewalk or median surface treatments, such as, but not limited to: interlocking pavers, stamped asphalt or stamped concrete.

   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 pruned to discourage 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.

(c) Tree and palm pruning shall be supervised by properly trained personnel trained in tree pruning techniques and shall meet the most current standards set forth by the International Society of Arboriculture (ISA) and the American National Standard Institute (ANSI) Part A-300 and be licensed by Broward County Environment Protection Department to perform this work.

(d) Irrigation installation and maintenance activities shall conform to the standards set forth by the Florida Irrigation Society (FIS) latest edition of FIS, *Standards and Specifications for Turf and Landscape Irrigation Systems.*

(e) When the **AGENCY** is installing the Project and irrigation is to be installed, the **DEPARTMENT** shall be provided accurate as-built plans of the system so if in the future there is a need for the **DEPARTMENT** to perform work in the area, the system can be accommodated as much as possible.

(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 maintenance office and the **AGENCY** shall be responsible for all associated fees for the installation and maintenance of these utilities.

(g) All hardscape shall be installed and maintained in strict accordance with the most current edition of the *Florida Accessibility Code for Building Construction* and the *Interlocking Concrete Pavement institute (ICPI).*

(h) All activities, including 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.*

(i) The most current edition of *FDOT Design Standards,* Index 546 must be adhered to.

(j) Horizontal 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.

(k) Landscape shall not obstruct roadside signs or permitted outdoor advertising signs, (see Rule Chapter 14-40, Part 1 and Part III, Florida Administrative Code [F.A.C.]).

(l) The **AGENCY** shall provide the local FDOT Operation Center, located at 5548 N.W. 9th Avenue, Fort Lauderdale, FL 33309 (954) 776-4300, a twenty-four (24) hour telephone number and the name of a responsible person that the **DEPARTMENT** may contact. The **AGENCY** shall notify the local maintenance office forty-eight (48) hours prior to the start of the project.

(m) 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.

(n) The **AGENCY** shall be responsible to clear all utilities within the project limits.

(o) The **AGENCY** shall follow the minimum level of maintenance guidelines as set forth in FDOT'S Rule Chapter 14-40 Highway Beautification and Landscape Management, in the FDOT *Guide to Roadside Mowing and Maintenance Management System,* and Exhibit F Maintenance Plan for maintenance activities for landscape projects.

3. The **AGENCY** agrees to maintain the *landscape improvements,* as existing and the ones to be installed, within the description of Exhibit A as defined as: plantings, irrigation, and / or hardscape within the medians and areas outside the travel way to the right of way line and within the travelway as described in Exhibit F. The non-standard improvements to the travelway shall be maintained by the **AGENCY** regardless if the said improvement was made by the **DEPARTMENT**, the **AGENCY,** or others by periodic pruning, mowing, fertilizing, weeding, curb and sidewalk edging, litter pickup, necessary replanting, and / or repair following the **DEPARTMENT'S** landscape safety and plant care guidelines and Exhibit F, the Maintenance Plan. The **AGENCY'S** responsibility for maintenance shall include all landscaped / turfed and hardscape areas within the median and areas within the travel way to the right of way line. Coconut Palms must be kept fruit free year round. Hardscape shall mean tree grates; any non-standard lighting; any non-standard roadway, sidewalk, median or crosswalk surfacing (such as, but not limited to, interlocking pavers, stamped asphalt or stamped concrete); and any decorative free standing wall. 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/or the header curb on Department of Transportation right-of-way within the limits of this Agreement.

Such maintenance to be provided by the **AGENCY** is specifically set out as follows: to maintain, which means the proper watering and fertilization of all plants and keeping them as free as practicable from disease and harmful insects; to properly mulching the plant beds; to keeping the premises free of weeds; to mowing the grass to the proper height; to properly pruning 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 or 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 but are not limited to trees, shrubs, groundcover and sod. To maintain also means removing or replacing dead or diseased plants in their entirety, or removing or replacing those that fall below original project standards. All plants removed for whatever reason shall be replaced by plants of the same size and grade as specified in the original plans and specifications. To maintain also means keeping the header curbs that contain the surfacing treatment in optimum condition. To maintain also means keeping the hardscape areas free from weeds and repairing said hardscape as is necessary to prevent a safety hazard. To maintain also means keeping litter removed from the median and areas outside the travel way to the right of way line.

If it becomes necessary to provide utilities (water/electricity) to the median or side areas for these improvements, all costs associated with accent lighting and irrigation installation, maintenance, fees and connections as well as on-going cost of the utility are the maintaining **AGENCY'S** responsibility. The **AGENCY** shall become responsible for the utilities upon final acceptance of the construction project by the **DEPARTMENT** (including any establishment or warranty period). The **AGENCY** shall be responsible for all fees and on-going costs during the establishment and warranty period and thereafter.

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**.

4. This Agreement shall replace and supersede any and all preceding agreements as listed in Exhibit C and the Agreement "Excepted Out" in Exhibit C. The landscape improvement plans attached to the referenced agreements shall by reference become a part of this agreement as if they were attached hereto. The **AGENCY** shall have the same duty to maintain those landscape improvements under this Agreement as the Agency did under the

previous agreements, and as more specifically detailed in this Agreement.

The **AGENCY** agrees to reimburse the **DEPARTMENT** all monies expended for the Project, should the landscape improvement areas fail to be maintained in accordance with the terms and conditions of the Agreement.

5. If at any time after the **AGENCY** has assumed the landscape improvement areas and/or maintenance responsibility for the above-mentioned, it shall come to the attention of the **DEPARTMENT'S** District Secretary that the limits or a part thereof is not properly maintained pursuant to the terms of this Agreement, said District Secretary may at his/her option issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the **AGENCY,** to place said **AGENCY** on notice thereof. Thereafter the **AGENCY** shall have a period of thirty (30) calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the **DEPARTMENT** may at its option, proceed as follows:

   (a) Maintain the landscape improvements, or a part thereof, with **DEPARTMENT** or contractor's personnel and invoice the **AGENCY** for expenses incurred, or

   (b) Terminate the Agreement in accordance with Paragraph 9 of this Agreement and remove, by **DEPARTMENT** or contractor's personnel, all of the landscape improvements installed under this Agreement or any preceding agreements except as to trees and palms and charge the **AGENCY** the reasonable cost of such removal.

6. It is understood between the parties hereto that the landscape improvements covered by this Agreement may be removed, relocated or adjusted at any time in the future as determined to be necessary by the **DEPARTMENT** in order that the adjacent state road be widened, altered or otherwise changed to meet with future criteria or planning of the **DEPARTMENT**. The **AGENCY** shall be given sixty (60) calendar days notice to remove said landscape after which time the **DEPARTMENT** may remove same.

7. The **AGENCY** at its own expense and by FDOT permit shall install the landscape improvements described in Exhibit E. The **DEPARTMENT** shall be invited to assist the **AGENCY** in final inspection before acceptance of the job by the **AGENCY**. The **DEPARTMENT** shall approve the job provided it complies with the permit.

8. The **AGENCY** agrees to reimburse the **DEPARTMENT** all monies expended by the **DEPARTMENT** for the projects listed in Exhibit B and Exhibit C 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.

The **AGENCY** shall be invited to assist the **DEPARTMENT** in final inspection.

9. 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 Paragraph 3, 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.

10. The term of this Agreement commences upon execution.

11. With respect to any of the **AGENCY'S** agents, consultants, subconsultants, contractors, sub-contractors, 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 of commission of such agents, consultants, subconsultants, contractors and/or subcontractors. The **AGENCY** shall provide to the **DEPARTMENT** written evidence of the foregoing upon the request of the **DEPARTMENT.** It is specifically understood and agreed that the indemnification clause does not cover or indemnify the **DEPARTMENT** for its own negligence.

    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 **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 **DEPARTMENT** with at least thirty (30) days notice of cancellation and or/or restriction. If any of the insurance coverage will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

12. 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'S** District Landscape Architect. 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 road 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**;

13. 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 responsible **AGENCY** (*Chairperson/Mayor/CityManager/City Engineer/Director of Public Works/Director of Parks and Recreation approval signature*) to 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.

14. 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 referenced in Exhibit C.

15. The **DEPARTMENT**, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money 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 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of TWENTY FIVE THOUSAND DOLLARS ($25,000.00) and which have a term for a period of more than 1 year.

16. 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/her decision upon all claims, questions and disputes shall be final and conclusive upon the parties hereto.

17. This Agreement may not be assigned or transferred by the **AGENCY** in whole or part without the consent of the **DEPARTMENT.**

18. 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.

19. This Agreement constitutes the complete and final expression of parties with respect to the subject matter hereof and supersedes all prior agreements, understandings, or negotiations with respect thereto, with the exception of the landscape improvements plans incorporated by reference in Exhibit B and the Agreement "Excepted Out" in Exhibit C.

20. 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.
Fort Lauderdale, Florida 33309-3421
Attention: Elisabeth A. Hassett, R.L.A.
FDOT District IV Landscape Architect

If to the Agency:
City of Pompano Beach
1201 N.E. 5th Avenue
Pompano Beach, Florida 33060
Attention: Robert McCaughan
Public Works Director

Exhibit A: City of Pompano Beach City Limits & Agreement Status Graphic
Exhibit B: Projects Pending Agreements
Exhibit C: Existing Project Agreements and Lease Agreement Descriptions
Exhibit D: Pending Department Project's Landscape Improvement Plans
Exhibit E: Pending Agency Project's Landscape Improvement Plans
Exhibit F: Agency Maintenance Plan
Exhibit G: Pending Department Project's Cost Estimate
Exhibit H: Pending Agency Project's Cost Estimates

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

CITY OF POMPANO BEACH	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
By: _____ City Manager/Mayor	By: _____ District Transportation Development Director
Attest: _____ (SEAL) Clerk	Attest: _____ (SEAL) Executive Secretary
Approval as to Form _____ Date 11/28/07 City Attorney	Approval as to Form _____ Date 12/4

STATE OF FLORIDA • DEPARTMENT OF TRANSPORTATION

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 20th day of November, 2007 by **LAMAR FISHER**, as Mayor of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who is personally known to me.

NOTARY'S SEAL:

ASCELETA HAMMOND
MY COMMISSION # DD621095
EXPIRES: January 07, 2011
1-800-3-NOTARY Fl. Notary Discount Assoc. Co.

NOTARY PUBLIC, STATE OF FLORIDA

Asceleta Hammond
(Name of Acknowledger Typed, Printed or Stamped)

Commission Number

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 20th day of November, 2007 by **KEITH CHADWELL,** as City Manager of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who is personally known to me.

NOTARY'S SEAL:

ASCELETA HAMMOND
MY COMMISSION # DD621095
EXPIRES: January 07, 2011
1-800-3-NOTARY Fl. Notary Discount Assoc. Co.

NOTARY PUBLIC, STATE OF FLORIDA

Asceleta Hammond
(Name of Acknowledger Typed, Printed or Stamped)

Commission Number

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 20th day of November, 2007 by **MARY L. CHAMBERS** as City Clerk of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who is personally known to me.

NOTARY'S SEAL:

ASCELETA HAMMOND
MY COMMISSION # DD621095
EXPIRES: January 07, 2011
1-800-3-NOTARY Fl. Notary Discount Assoc. Co.

NOTARY PUBLIC, STATE OF FLORIDA

Asceleta Hammond
(Name of Acknowledger Typed, Printed or Stamped)

Commission Number

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
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227921-1-52-01
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EXHIBIT A

CITY OF POMPANO BEACH CITY LIMIT

All state right of way within the limits of the City of Pompano Beach which current city limits are from:
SR 811 (Dixie Hwy.)
M.P. 5.129 (C.C. Canal) to M.P. 11.619 (SW 15th Street)

SR 814 (Atlantic Blvd.)
M.P. 1.175 (Turnpike) to M.P. 2.482 (NW 31 Ave.) and
M.P. 3.228 (SR 849) to M.P. 7.870 (SR A-1-A)

SR 834 (Sample Road)
M.P. 5.030 (Turnpike) to M.P. 9.481 (SR 5)

SR 844 (NE 14 Street)
M.P. 0.000 (SR 5) to M.P. 0.902 (SR A-1-A)

SR 845 (Powerline Road)
M.P. 5.113 (McNab) to M.P. 9.612 (SR 834)

SR 849 (NW 31 Ave)
M.P. 2.271 (C. Creek Rd.) to M.P. 3.228 (Atlantic Blvd.)

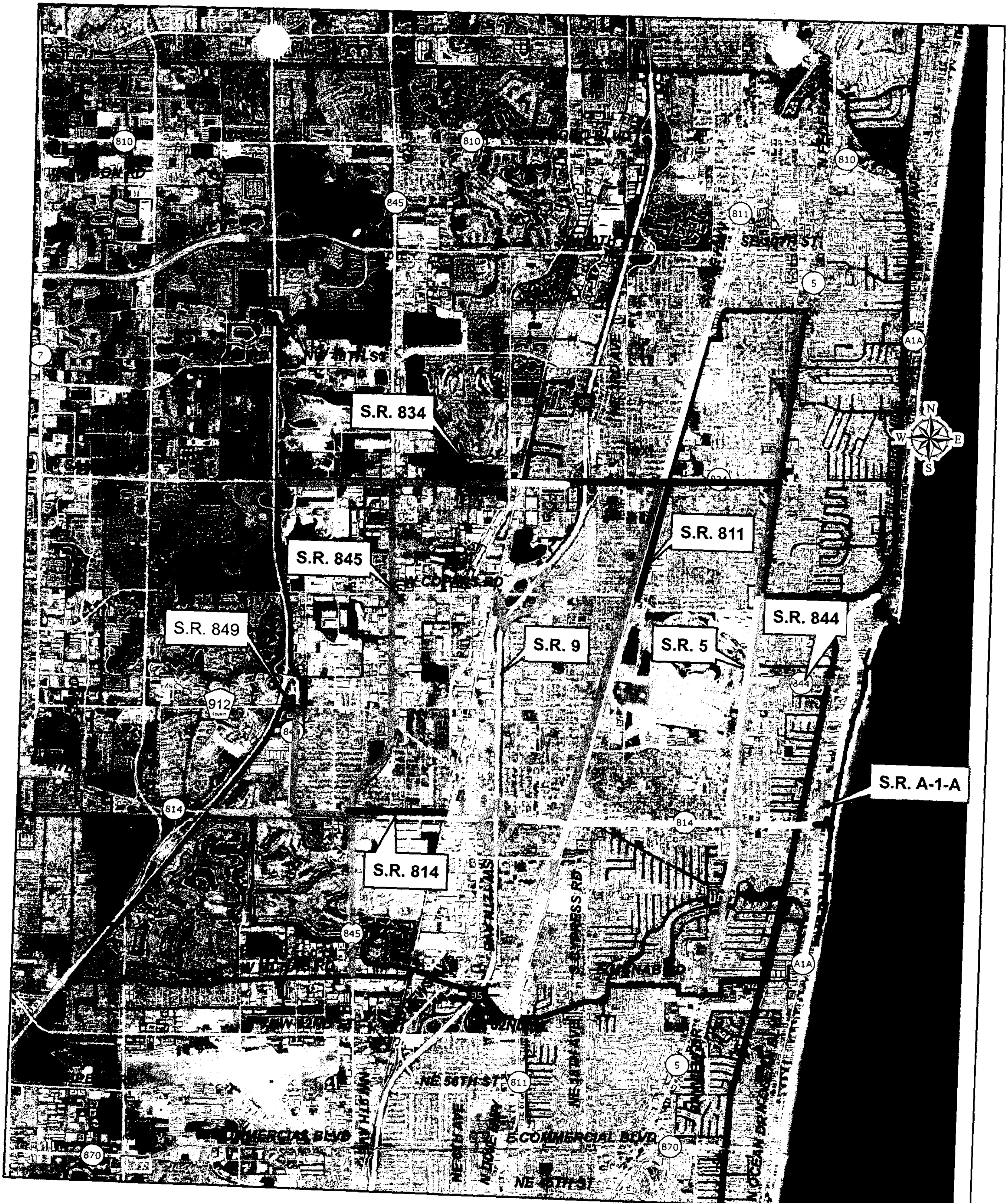
SR 5 (US 1)
M.P. 7.262 (south of McNab Road) to M.P. 10.825 (north of NE 24th Street)

SR 9 (I-95)
M.P. 16.487 (south of McNab Road) to M.P. 21.582 (Sample Road)

SR A-1-A (Ocean Blvd.)
M.P. 8.680 to M.P. 12.039 (Hillsboro Inlet)

EXHIBIT A - CITY OF POMPANO BEACH AGREEMENT STATUS GRAPHIC FOR STATE ROADS:

Areas currently maintained by the Agency pursuant to this Maintenance Memorandum of Agreement (MOA) (areas in green and orange), areas pending to be landscaped (in blue), areas not currently being maintained by the Agency (in yellow) and the Agency's existing lease agreement (in purple) shall be maintained by the Agency as provided for in this agreement.



CITY OF POMPANO BEACH MOA = MOA OVERLAP = PENDING = CITY LIMITS = GAP =

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
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EXHIBIT B

PROJECTS PENDING AGREEMENTS

All state right of way on SR 811 (Dixie Highway), SR 814 (Atlantic Boulevard) and SR 834 (Sample Road) within the limits of the City of Pompano Beach.

Agency Installed Project:

SR 811 (Dixie Highway) from Copans Road (M.P. 8.991) to SR 834 (Sample Road) (M.P. 10.038)

Oceanside, Pompano Beach at SR A1A and SR 814 (Atlantic Boulevard) northwest quadrant

Department Installed Project:
SR 814 (Atlantic Boulevard) from East of SR 5 (U.S.1) (M.P. 5.276) to West of SR 5 (U.S.1) (M.P.7.056)

SR 834 (Sample Road) from N.W. 5th Terrace (M.P. 7.403) to SR 5 (U.S. 1) (M.P. 9.491)

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EXHIBIT C

EXISTING PROJECT AGREEMENTS DESCRIPTIONS AND LEASE AGREEMENT DESCRIPTIONS

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

AGREEMENTS SUPERSEDED BY THIS AGREEMENT

4/27/06 State Road 811 (Dixie Hwy.) from **Atlantic Blvd. (M.P. 6.936)** to **Sample Road (M.P. 10.038)** landscape medians and areas outside the travel lane to the ROW including areas between the east ROW line and the FEC railroad tracks within the project limits including the maintenance of landscape/turf areas and irrigation. Amendment #1 to agreement dated 4/13/95, Section No.861700.

2/1/06 State Road 845 (Powerline Road) from the **South City Limit (M.P. 5.133)** to **Atlantic Blvd. (M.P. 6.519)** maintenance shall include all landscaped/turfed areas and areas covered with interlocking pavers (hardscape) within the median and areas outside the travel way. Resolution No. 2006-72 (1/10/06), FM 228075, Section No. 86065.

2/1/06 SR 9 (I-95) at the **Northwest Quadrant of Copans Road (M.P. 20.400)** and the **SR 9 (I-95) Southbound Interchange (M.P. 20.500)** shall include all landscaped /turfed areas and areas covered with interlocking pavers or similar surfacing (hardscape) within the medians and areas within the travel way to the right of way line, including paver sidewalks, paver intersections and all paver header curbs, stamped asphalt and concrete areas. It shall be the responsibility of the **AGENCY** to restore an unacceptable ride condition of the roadway caused by the differential characteristics of the paver brick and/or the header curb on Department of Transportation right-of-way within the limits of the project.
Resolution No. 2006-67 (1/10/06).

8/18/04 State Road 844 (NE 14th Street) from east of **NE 25th Ave. (M.P. 0.240)** to **SR A-1-A (M.P. 0.902)** maintenance shall include all landscaped/turfed areas and areas covered with interlocking pavers (hardscape) within the median and areas outside the travel way to the ROW line . Resolution No. 2004-310 (7/27/04), FM 227954, Section No. 86003.

7/15/03 State Road 845 (Powerline Road) from south of **Atlantic Blvd. (M.P. 5.458)** to **south of Sample Road (M.P. 9.086)** maintenance shall include all landscaped/turfed areas and areas covered with interlocking pavers (hardscape) within the median and areas outside the travel way. Resolution No. 217 (6/24/03), FM 228110, Section No. 86065.

3/25/03 State Road 5 (US 1) from **Northern City Limit (M.P. 7.262)** to **SE 7th Street (M.P. 8.278)** landscape medians and areas outside the travel lane to the ROW line excluding sidewalk, shall be maintained by periodic trimming, cutting, mowing, fertilizing, litter pick-up and necessary replanting. Resolution No. 142 (3/25/03).

10/10/02 State Road 9 (I-95) including **all quadrants on SR 814 (Atlantic Blvd.) (M.P. 18.101)** and **Copans Road (M.P. 20.767)** agrees to maintain the landscaping within the areas outside the travel way to the right of way line, excluding sidewalk, by periodic trimming, cutting, mowing, fertilizing, litter pickup and necessary replanting. Resolution No. 2002-302 (9/10/02).

5/3/01 State Road 834 (Sample Road) from **SR 91 (The Florida Turnpike) (M.P. 5.030)** to **SR 845 (Powerline Road) (M.P. 6.099)** landscape medians and areas outside the travel lane to the ROW line excluding sidewalk, shall be maintained by periodic trimming, cutting, mowing, fertilizing, litter pick-up and necessary replanting. Amendment to May 16, 1997 Agreement.

1/18/00 State Road 5 (US 1) from **South City Limits (M.P. 7.262)** to **North City Limits (10.825)** maintenance shall include all landscaped/turfed areas and areas covered with hardscape within the median and areas outside the travel way to the ROW line. Amendment to the July 13, 1999 Agreement.

7/13/99 State Road 5 (US 1) from **NE 4th Street (M.P. 9.034)** to **NE 18th Street (M.P. 10.374)** maintenance shall include all landscaped/turfed areas and areas covered with hardscape within the median and areas outside the travel way to the ROW line. Resolution No. 99-234 (7/13/99), FM 22739, Section No. 86020-3525.

2/23/99 State Road 814 (Atlantic Blvd.) from the **Turnpike (M.P. 1.715)** to **CSX Railroad (M.P. 4.591)** landscape medians and areas outside the travel lane to the ROW line excluding sidewalk, shall be maintained by periodic trimming, cutting, mowing, fertilizing, litter pick-up and necessary replanting. Resolution No. 99-118 (2/23/99), Section No. 86130.

7/28/98 State road 811 (Dixie Hwy.) from **SW 3rd Street (M.P. 6.257)** to **SW 6th Street (M.P. 6.580)** shall include all landscaped/turfed areas covered with interlocking pavers or similar surfacing (hardscape) within the median and areas outside the travel way to the right of way line, excluding sidewalk, on Department of Transportation right-of-way within the limits of the Project. Resolution No. 98-201 (6/23/98).

4/14/98 State Road 814 (Atlantic Blvd.) from the **Turnpike (M.P. 1.175)** to **NW 31st Ave. (M.P. 2.482)** landscape medians and areas outside the travel lane to the ROW line (excluding sidewalk) including the maintenance of landscape/turf areas, irrigation and hardscape. Resolution No. 98-133 (4/14/98).

5/16/97 State Road 834 (Sample Road) from **Powerline Road (M.P. 6.099)** to **Military Trail (M.P. 7.116)** landscape medians and areas outside the travel lane to the ROW line (excluding sidewalk) excluding sidewalk, shall be maintained by periodic trimming, cutting, mowing, fertilizing, litter pick-up and necessary replanting. Resolution No. 97-115 (4/22/97), Section No. 860280.

8/15/96 State Road 849 (Dr. M.L. King) from **Coconut Creek Parkway (M.P. 2.271)** south to **Atlantic Blvd. (M.P. 3.228)** landscape medians and areas outside the travel lane to the ROW line (excluding sidewalk) excluding sidewalk, shall be maintained by periodic trimming, cutting, mowing, fertilizing, litter pick-up and necessary replanting. Resolution No. 96-72 (1/30/96), Section No. 861300.

4/13/95 State Road 811 (Dixie Hwy.) between **SR 814 (AtlanticBlvd). (M.P. 7.049)** and **Copans Road (M.P. 8.877)** all landscaped/turfed areas, irrigation system, areas covered with interlocking pavers or similar type surfacing (hardscape), and on Department of Transportation right-of-way and areas between the east right-of-way line and the F.E.C. railroad tracks, within the limits of the project. State Project No. 86170-3508. WPI No. 4110219.

5/11/72 State Road A-1-A (Ocean Blvd.) from **SE 2nd Street (9.735)** to **NE 5th Street (10.412)** maintain such portion of the landscape project as comes within the corporate limits. Resolution No. 71-227 (8/3/71).

AGREEMENT EXCEPTED OUT OF THIS AGREEMENT

6/13/01 State Road 814 (Atlantic Blvd.) / State Road 5 (Federal Highway Transportation enhancement funding for the landscape and pedestrian scale lighting, treegrates, decorative walls/planters, sidewalk pavers and street furniture of Atlantic Boulevard from Federal Highway (U.S. 1) to the Atlantic Ocean and One-half mile north and south along A1A: Resolution No. 97-63 (1/14/97). FM# 228213-1-58-01.

This Agreement, pursuant to paragraph number 14, shall supersede all other above agreements except as to the actual landscape plans that have not been replanted by subsequent FDOT approved projects. The terms of this agreement shall apply to those landscape plans.

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

EXHIBIT D

PENDING DEPARTMENT PROJECT'S LANDSCAPE IMPROVEMENT PLANS

Please see attached plans by:

State Road 814
PBS & J **Dated: May 29, 2007**

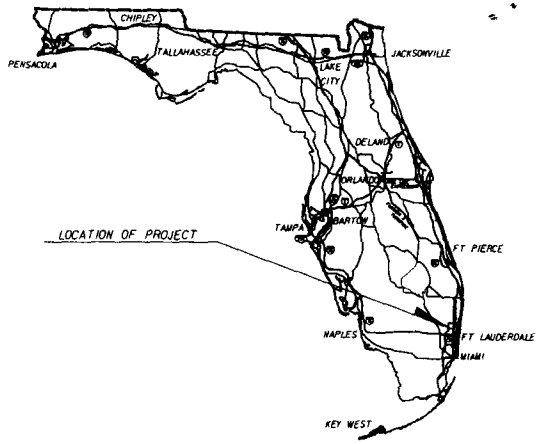
State Road 834
Glatting, Jackson, Kercher, Anglin, Lopez, Rinehard, Landscape Architects **Dated: November 9, 2005**

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 227921-1-52-01
BROWARD COUNTY (86130)
STATE ROAD NO. 814
FROM EAST OF I-95 TO WEST OF US-1

LANDSCAPE PLANS



INDEX OF LANDSCAPE PLANS

SHEET NO.	SHEET DESCRIPTION
LD-1	KEY SHEET
LD-2 through LD-6	TABULATION OF QUANTITIES / PLANT SCHEDULE
LD-7	GENERAL AND PAY ITEM NOTES
LD-8 through LD-10	EXISTING TREE SUMMARY
LD-11 through LD-28	LANDSCAPE PLANS
LD-29	IRRIGATION DETAILS
LD-30 through LD-47	IRRIGATION PLANS

LANDSCAPE SHOP DRAWINGS
TO BE SUBMITTED TO:

HARRY BELTON, RLA
PBS&J
3230 W. COMMERCIAL BLVD., SUITE 100
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 733-7233
VENDOR NO. 59-0896138

PLANS PREPARED BY:

PBS&J
3230 W. COMMERCIAL BLVD., SUITE 100
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 733-7233
VENDOR NO. 59-0896138
CONTRACT NO. C-8565
FBPR CERTIFICATE OF AUTHORIZATION NO. 24

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

5/29/07

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

LANDSCAPE PLANS
LANDSCAPE
ARCHITECT OF RECORD: HARRY L. BELTON, L.A.

R.L.A. NO.: 900

FISCAL YEAR	SHEET NO.
09	LD-1

FDOT PROJECT MANAGER: VANITA SHARMA, P.E.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS LD-11 PLAN	LD-11 FINAL	LD-12 PLAN	LD-12 FINAL	LD-13 PLAN	LD-13 FINAL	LD-14 PLAN	LD-14 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580-1-1	SMALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15" X 18"		18" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	CI	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	18" X 18"		24" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20" X 20"		30" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	PA	PLUMBAGO AURICULATA 'IMPERIAL BLUE'	LEADWORT	18" X 18"		18" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	SAT	SCHEFFLERA ARORICOLA TRINETTE	TRINETTE	18" X 18"		24" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	TP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6" X 8"		12" O.C.	1 GALLON	EA	0		0		0		0		0			
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				EA	0		0		0		0		0			
	LARGE	CG	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'				EA	0		0		0		0		0			
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		0		0		0		0			
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'				EA	0		0		0		0		0			
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0		0		0		0			
	LARGE	RP	RAPANEA PUNCTATA	MYRSINE	8' X 4'				EA	0		0		0		0		0			
			PREPARED SOIL LAYER						SY	0		0		0		0		0			
590-70			IRRIGATION SYSTEM						LS												
526-1-2			PAVERS						SY	0		0		0		0		0			

5/29/07

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

PBSJ
Certificate of Authorization No. 24
Post Buckley Schuh & Jernigan, Inc., d/b/a/ PBSJ

Harry Belton, R.L.A.
R.L.A. No.: 900
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Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-2

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TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS LD-15 PLAN	LD-15 FINAL	LD-16 PLAN	LD-16 FINAL	LD-17 PLAN	LD-17 FINAL	LD-18 PLAN	LD-18 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580-1-1	SMALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15'' X 18''		18" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	CI	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	18'' X 18''		24" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FIG	12'' X 10''		18" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20'' X 20''		30" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	PA	PLUMBAGO AURICULATA 'IMPERIAL BLUE'	LEADWORT	18'' X 18''		18" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	SAT	SCHEFFLERA ARORICOLA TRINETTE	TRINETTE	18'' X 18''		24" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	TP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6'' X 8''		12" O.C.	1 GALLON	EA	0		0		0		0		0			
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				EA	0		0		0		0		0			
	LARGE	CG	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'				EA	0		0		0		0		0			
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		0		0		0		0			
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'				EA	0		0		0		5		5			
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0		2		5		5			
	LARGE	RP	RAPANEA PUNCTATA	MYRSINE	8' X 4'				EA	0		0		0		4		4			
			PREPARED SOIL LAYER						SY	0		0		0		44.57		44.57			
590-70			IRRIGATION SYSTEM						LS												
526-1-2			PAVERS						SY	0		0		0		39.04		39.04			

5/09/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-3

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TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS LD-19 PLAN	LD-19 FINAL	LD-20 PLAN	LD-20 FINAL	LD-21 PLAN	LD-21 FINAL	LD-22 PLAN	LD-22 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580-1-1	SMALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15" X 18"		18" O.C.	3 GALLON	EA	243		122		461		0		826			
	SMALL	CI	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	18" X 18"		24" O.C.	3 GALLON	EA	0		0		0		68		68			
	SMALL	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FIG	12" X 10"		18" O.C.	3 GALLON	EA	89		188		398		0		675			
	SMALL	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20" X 20"		30" O.C.	3 GALLON	EA	0		134		174		0		308			
	SMALL	PA	PLUMBAGO AURICULATA 'IMPERIAL BLUE'	LEADWORT	18" X 18"		18" O.C.	3 GALLON	EA	115		237		403		0		755			
	SMALL	SAT	SCHEFFLERA ARORICOLA TRINETTE	TRINETTE	18" X 18"		24" O.C.	3 GALLON	EA	0		0		0		191		191			
	SMALL	TP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6" X 8"		12" O.C.	1 GALLON	EA	0		529		448		0		977			
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				EA	0		7		8		0		15			
	LARGE	CG	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'				EA	2		1		0		0		3			
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		0		15		0		15			
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'				EA	0		0		0		0		0			
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0		0		0		0			
	LARGE	RP	RAPANEA PUNCTATA	MYRSINE	8' X 4'				EA	0		0		0		0		0			
			PREPARED SOIL LAYER						SY	0		97.04		44.97		36.89		178.90			
590-70			IRRIGATION SYSTEM						LS												
526-1-2			PAVERS						SY	0		0		0		20.53		20.53			

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-4

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TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS LD-23 PLAN	LD-23 FINAL	LD-24 PLAN	LD-24 FINAL	LD-25 PLAN	LD-25 FINAL	LD-26 PLAN	LD-26 FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580-1-1	SMALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15" X 18"		18" O.C.	3 GALLON	EA	0		116		131		0		247			
	SMALL	CI	CHRYSOBALANUS ICACO	RED TIP COCOPLUM	18" X 18"		24" O.C.	3 GALLON	EA	0		0		0		0		0			
	SMALL	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FIG	12" X 10"		18" O.C.	3 GALLON	EA	0		369		234		272		875			
	SMALL	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20" X 20"		30" O.C.	3 GALLON	EA	0		102		123		90		315			
	SMALL	PA	PLUMBAGO AURICULATA 'IMPERIAL BLUE'	LEADWORT	18" X 18"		18" O.C.	3 GALLON	EA	0		69		498		203		770			
	SMALL	SAT	SCHEFFLERA AORICOLA TRINETTE	TRINETTE	18" X 18"		24" O.C.	3 GALLON	EA	0		105		0		0		105			
	SMALL	ZP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6" X 8"		12" O.C.	1 GALLON	EA	120		882		282		319		1603			
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				EA	0		3		9		7		19			
	LARGE	CG	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'				EA	0		1		2		1		4			
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		5		0		0		5			
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'				EA	3		0		0		0		3			
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0		0		0		0			
	LARGE	RP	RAPANEA PUNCTATA	MYRSINE	8' X 4'				EA	0		0		0		0		0			
			PREPARED SOIL LAYER						SY	0		89.52		243.04		169.18		501.74			
590-70			IRRIGATION SYSTEM						LS												
526-1-2			PAVERS						SY	0		0		0		0		0			

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-5

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TABULATION OF QUANTITIES / PLANT SCHEDULE

PAY ITEM NO.	PAY SIZE	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	MAXIMUM MAINTAINED SIZE	SPACING	REMARKS	UNIT	SHEET NUMBERS LD-27 PLAN	LD-27 FINAL	LD-28 PLAN	LD-28 FINAL	PLAN	FINAL	PLAN	FINAL	TOTAL THIS SHEET PLAN	TOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL
580-1-1	SMALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15" X 18"		18" O.C.	3 GALLON	EA	0		0						0		1073	
	SMALL	CI	CHRYSOBALANUS ICACO	RED TIP COCOPLUM	18" X 18"		24" O.C.	3 GALLON	EA	0		0						0		68	
	SMALL	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FIG	12" X 10"		18" O.C.	3 GALLON	EA	0		0						0		1550	
	SMALL	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20" X 20"		30" O.C.	3 GALLON	EA	0		0						0		623	
	SMALL	PA	PLUMBAGO AURICULATA 'IMPERIAL BLUE'	LEADWORT	18" X 18"		18" O.C.	3 GALLON	EA	0		0						0		1525	
	SMALL	SAT	SCHEFFLERA AORICOLA TRINETTE	TRINETTE	18" X 18"		24" O.C.	3 GALLON	EA	0		0						0		296	
	SMALL	TP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6" X 8"		12" O.C.	1 GALLON	EA	0		0						0		2580	
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				EA	0		0						0		34	
	LARGE	CG	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'				EA	1		0						1		8	
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		0						0		20	
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'				EA	0		0						0		9	
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0						0		5	
	LARGE	RP	RAPANEA PUNCTATA	MYRSINE	8' X 4'				EA	0		0						0		4	
			PREPARED SOIL LAYER						SY	27.71		0						27.71		752.91	
590-70			IRRIGATION SYSTEM						LS											1	
526-1-2			PAVERS						SY	0		0						59.58			

5/29/07

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

PBSJ
Certificate of Authorization No. 24
Post Buckley Schuh & Jernigan, Inc., d/b/a/ PBS&J

Harry Belton, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Blvd.
Suite 100
Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-6

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GENERAL REQUIREMENTS :

1. CONTRACTOR SHALL EXAMINE THE PROJECT SITE AND BECOME FAMILIAR WITH CONDITIONS AFFECTING THE INSTALLATION PRIOR TO SUBMITTING BIDS. FAILURE TO DO SO SHALL NOT BE CONSIDERED CAUSE FOR FUTURE EXTRAS OR COMPLAINTS.

2. CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND REMOVAL TO ASSURE THAT TREES SCHEDULED FOR DEMOLITION ARE PROPERLY REMOVED AND TREES TO ARE PROTECTED FROM CONSTRUCTION RELATED DAMAGE.

3. CONTRACTOR SHALL PROVIDE TREE PROTECTION ACCORDING TO THE STANDARD F.D.O.T. DETAILS INDEX 544. ANY DAMAGE TO EXISTING LANDSCAPING DUE TO CONSTRUCTION ACTIVITY (SUCH AS CURB AND GUTTER INSTALLATION) SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DEPARTMENT.

4. CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTAL MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT, AND BRACE ALL ITEMS AND COMPONENTS WITHIN THE WORK.

5. ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDACE WITH SECTION 580 OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD INDEXES 544, 546, & 700. ALL PLANT MATERIAL SHALL BE PRUNED TO MEET ALL CLEAR SIGHT REQUIREMENTS.

6. ABOVE AND BELOW GROUND UTILITIES LOCATIONS SHALL BE VERIFIED BY THE LANDSCAPE CONTRACTOR PRIOR TO COMMENCING WORK IN THE PROJECT AREA. IF UTILITY CONFLICTS EXIST, THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF THE PROJECT LANDSCAPE ARCHITECT WHO SHALL COORDINATE ANY NECESSARY ADJUSTMENTS. WHEN WORKING IN THE AREA WHERE UTILITIES ARE KNOWN TO EXIST, UTILITY LOCATIONS MAY NEED TOI BE STAKED BY A SURVEYER OR THE UTILITY COMPANY. THE CONTRACTOR HAS THE OPTION TO CALL U.N.C.L.E. AT 1-800-432-4770 TO SCHEDULE LOCATION OF UTILITIES THAT SUBSCRIBE TO THEIR SERVICE.

7. NO SUBSTITUTIONS ARE TO BE MADE WITHOUT PRIOR CONSENT OF THE PROJECT LANDSCAPE ARCHITECT. PLANT MATERIAL SUPPLY IS THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL TAKE STEPS TO INSURE AVAILABILITY AT THE TIME OF PLANTING.

8. CONTARCTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO BIDDING. ANY AND ALL DISCREPANCIES SHALL BE FORWARDED TO THE PROJECT MANAGER BEFORE BID SUBMITTAL. LANDSCAPE PLANS SHALL TAKE PECEDENCE OVER QUANTITIES LIST.

9. CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY HIS ACTIVITIES AND REPLACE, AT NO COST TO THE DEPARTMENT ALL EXISTING TREES, SHRUBS, SOD, IRRIGATION, OR ANY OTHER STRUCTURE HE HAS DAMAGED.

9. THE DESIGN SPEED IS (45) MPH

10. LANDSCAPING TO BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES

THE MAINTAINING ATHORITIES IS:
THE CITY OF POMPANO BEACH
ATTENTION: ARNOLD MCRAY
1190 NE 3 AVE
(954) 786-4012

PAY ITEM NOTES :

PAY ITEMS 580-1-1 & 580-1-2

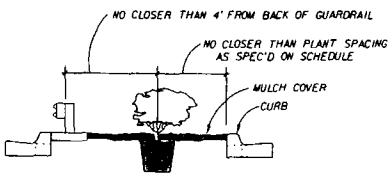
1. INCLUDES THE COST OF GENERAL 6-6-6 FERTILIZER CONTAINING TRACE ELEMENTS OF IRON, MANGANESE, BORON, AND MAGNESIUM TO BE APPLIED AT THE TIME OF PLANTING.
   FERTILIZE AT A RATE OF:
   - ¼ LBS. FOR 3 GALLON MATERIAL
   - 1 LBS. FOR 6'-8' TREES AND PALMS
   - 2 LBS. FOR 10'-12' TREES AND PALMS
2. INCLUDES THE COST OF SOIL MIX FOR PLANT BACKFILL WHICH SHALL BE 80% EXISTING TOP SOIL AND 20% PEAT OR OTHER DEPARTMENT APPROVED COMPOST MATERIAL. CONTRACTOR SHALL PROVIDE A SPECIFICATION OF COMPOST MATERIAL TO BE USED AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL ALSO ADD TO THE BACKFILL SOIL MIX THE OTHER ADDITIVES SPECIFIED ON THIS PAGE.
3. INCLUDES THE COST OF MULCH FOR SHRUBS AND TREE PLANTING. MULCH SHALL BE SHREDDED EUCALYPTUS MULCH, GRADE A OR APPROVED MELALEUCA.
4. INCLUDES THE COST OF PROVIDING WATER TO INSTALLED PLANT MATERIAL. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE ALL NEW PLANTING RECEIVES ADEQUATE WATER DURING THE INSTALLATION AND THROUGHOUT THE PLANT WARRANTY PERIOD. DEEP WATERING OF ALL NEW PLANTS AND ANY SUPPLEMENTARY WATERING THAT MAY BE REQUIRED TO AUGMENT NATURAL RAINFALL OR POSSIBLE IRRIGATION IS MANDATORY TO INSURE PROPER PLANT DEVELOPMENT.
5. INCLUDES THE COST OF INSTALLATION OF 18" TOP SOIL IN ALL LANDSCAPE AREAS WHERE PAVEMENT WAS REMOVED. AREAS MUST BE COMPLETELY EXCAVATED OF ALL PAVEMENT, ROAD ROCK, AND ANY KIND OF CONSTRUCTION DEBRIS AND ALL COMPACTED SUBGRADE LOOSENED. EXCAVATION AND REMOVAL SHALL BE PAID FOR UNDER PAY ITEM 110-1. REPLACEMENT SOIL SHALL MEET THE REQUIREMENTS OF SECTION 987 OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

PAY ITEM 580-1-1

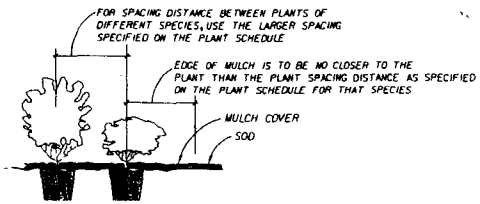
1. INCLUDES THE COST OF HERBICIDE AS ALL PLANTING BEDS ARE TO BE SPRAYED WITH A POST EMERGENT HERBICIDE PRIOR TO THE INSTALLATION OF PLANT MATERIAL. AFTER ONE WEEK, REMOVE ALL DEAD AND UNDESIRABLE PLANT MATERIAL, PREPARE PLANT BED, AND INSTALL SHRUBS.

PAY ITEM 580-1-2

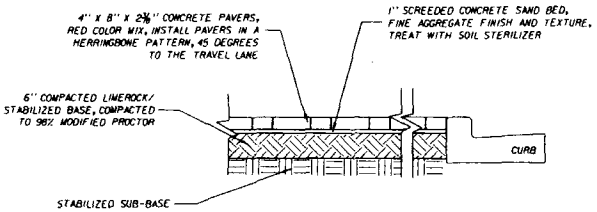
1. INCLUDES THE COST OF MYCORRHIZAL INNOCULANT. CONTRACTOR SHALL ADD MYCORRHIZAL INOCULANT IN THE TOP 6" OF BACKFILL OF EACH TREE OR PALM AT A RATE AS SPECIFIED BY THE MANUFACTURER.
2. INCLUDES THE COST FOR THE ERECTION OF TREE PROTECTION BARRIERS. TREE PROTECTION BARRIERS SHALL BE INSTALLED AS SHOWN ON THE PLANS ON ALL EXISTING TREES DESIGNATED TO REMAIN. BARRIERS SHALL BE IN ACCORDANCE WITH INDEX 544 OF THE F.D.O.T. DESIGN STANDARDS.
3. INCLUDES THE COST OF STAKING & GUYING OF TREES IN ACCORDANCE WITH INDEX 544 OF THE F.D.O.T. DESIGN STANDARDS.



SHRUB OFFSET DETAIL
N.T.S.



SHRUB MASS SPACING DETAIL
N.T.S.



TYPICAL PAVER/CONCRETE HEADER CROSS SECTION
N.T.S.

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

GENERAL AND PAY ITEM NOTES

SHEET NO. LD-7

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ALL TREES EXIST WITHIN THE CORPORATE LIMITS OF THE CITY OF POMPANO BEACH

EXISTING TREE SUMMARY

Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE (YES OR NO)	DBH (INCHES)	CANOPY (SQUARE FEET)	CLEAR WOOD (FEET)	STATION	OFFSET	REMAIN	RELOCATE	REMOVE	COMMENTS
77	SABAL PALM	SABAL PALMETTO	YES		12	7	247+62.45	22.25 L	X			GOOD CONDITION
78	SABAL PALM	SABAL PALMETTO	YES		12	8	247+78.98	22.57 L	X			GOOD CONDITION
79	SABAL PALM	SABAL PALMETTO	YES		12	9	248+94.20	21.91 L	X			GOOD CONDITION
80	SABAL PALM	SABAL PALMETTO	YES		12	12	249+04.97	22.42 L	X			POOR CONDITION
81	SABAL PALM	SABAL PALMETTO	YES		12	8	249+18.77	22.65 L	X			GOOD CONDITION
82							253+03.86	28.00 L				MISSING
83	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	NO		20	5	255+44.24	126.40 L	X			GOOD CONDITION
84	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	NO		20	5	255+63.14	164.92 L	X			GOOD CONDITION
85	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	NO		20	6	256+28.89	113.86 L	X			GOOD CONDITION
86	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	NO		20	6	256+50.27	95.03 L	X			GOOD CONDITION
87	BOTTLEBRUSH	CALLISTEMON VIMINALIS	NO	10	314		260+97.11	194.77 L	X			FAIR CONDITION
88	BOTTLEBRUSH	CALLISTEMON VIMINALIS	NO	15	707		262+04.90	96.88 L	X			FAIR CONDITION
89	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	13	531		262+38.49	62.51 L	X			GOOD CONDITION
90	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	11	380		262+72.23	96.22 L	X			GOOD CONDITION
91	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	16	804		263+00.99	23.68 L	X			GOOD CONDITION
92							262+87.97	179.41 L				MISSING
93	BOTTLEBRUSH	CALLISTEMON VIMINALIS	NO	10	314		263+52.75	146.92 L	X			POOR CONDITION
94	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	12	452		264+49.03	141.54 L	X			DEAD
95	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	16	804		265+01.88	87.05 L	X			POOR CONDITION
96							266+24.16	107.29 L				MISSING
97	SABAL PALM	SABAL PALMETTO	YES		5' DIA.	1	267+41.28	99.49 L	X			GOOD CONDITION
98	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	15	707		272+65.20	92.71 R	X			FAIR CONDITION
99	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	16	804		272+95.51	120.89 R	X			FAIR CONDITION
100	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	12	452		274+01.59	08.07 R	X			FAIR CONDITION
101	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	9	277+76.10	87.88 R	X			GOOD CONDITION
102	GUMBO LIMBO	BURSERA SIMARUBA	YES	5	79		278+00.43	10.52 R	X			GOOD CONDITION
103	GUMBO LIMBO	BURSERA SIMARUBA	YES	4	50		278+43.58	45.35 R	X			GOOD CONDITION
104	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	278+66.15	66.88 L	X			GOOD CONDITION
105	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	11	278+97.21	03.80 L	X			GOOD CONDITION
106	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	282+69.36	12.85 L	X			GOOD CONDITION
107	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	283+10.12	13.49 R	X			GOOD CONDITION
108	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	283+70.08	12.40 R	X			GOOD CONDITION
109	GUMBO LIMBO	BURSERA SIMARUBA	YES	8	201		284+65.49	80.94L	X			POOR CONDITION
110	SABAL PALM	SABAL PALMETTO	YES		12	12	284+65.02	70.67 L	X			GOOD CONDITION
111	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	285+35.12	0.88 R	X			GOOD CONDITION
112	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	285+86.58	3.72 L	X			GOOD CONDITION
113	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	286+45.49	8.69 L	X			GOOD CONDITION
114	SABAL PALM	SABAL PALMETTO	YES		12	13	288+56.04	46.34 R	X			GOOD CONDITION
115	SABAL PALM	SABAL PALMETTO	YES		12	15	288+64.91	47.22 R	X			GOOD CONDITION
116	PYGMY DATE PALM	PHOENIX ROEBELENII	NO		10	13	288+76.10	48.62 R	X			FAIR CONDITION
117	PYGMY DATE PALM	PHOENIX ROEBELENII	NO		10	13	288+88.98	48.02 R	X			FAIR CONDITION
118	PYGMY DATE PALM	PHOENIX ROEBELENII	NO		10	13	289+05.45	47.96 R	X			FAIR CONDITION
119	PYGMY DATE PALM	PHOENIX ROEBELENII	NO		10	13	289+18.67	48.02 R	X			FAIR CONDITION
120	SABAL PALM	SABAL PALMETTO	YES		12	13	289+29.52	46.00 R	X			GOOD CONDITION
121	SABAL PALM	SABAL PALMETTO	YES		12	15	289+35.07	51.54 R	X			GOOD CONDITION
122	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	14	615		290+41.05	5.00 L			X	POOR CONDITION
123	COCONUT PALM	COCOS NUCIFERA	NO		30	20	290+90.64	5.15 L			X	GOOD CONDITION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

EXISTING TREE SUMMARY

SHEET NO.
LD-8

20358 5/15/2007 1:16:03 PM h:\transportation\227921\520\landscape\gen11a01a1.dgn

ALL TREES EXIST WITHIN THE CORPORATE LIMITS OF THE CITY OF POMPANO BEACH

EXISTING TREE SUMMARY

Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE (YES OR NO)	DBH (INCHES)	CANOPY (SQUARE FEET)	CLEAR WOOD (FEET)	STATION	OFFSET	REMAIN	RELOCATE	REMOVE	COMMENTS
124	COCONUT PALM	COCOS NUCIFERA	NO		30	16	295+25.02	0.00	X			GOOD CONDITION
125	COCONUT PALM	COCOS NUCIFERA	NO		30	20	296+11.46	0.50 R	X			GOOD CONDITION
126	SABAL PALM	SABAL PALMETTO	YES		12	20	296+40.59	1.54 L	X			GOOD CONDITION
127	COCONUT PALM	COCOS NUCIFERA	NO		30	10	290+80.00	2.27 R	X			GOOD CONDITION
128	COCONUT PALM	COCOS NUCIFERA	NO		30	12	297+04.68	0.00	X			GOOD CONDITION
129	COCONUT PALM	COCOS NUCIFERA	NO		30	22	301+90.00	0.00	X			GOOD CONDITION
130	COCONUT PALM	COCOS NUCIFERA	NO		30	18	302+13.33	0.75 R	X			GOOD CONDITION
131	BUTTERFLY PALM	CHRYSALIDOCARPUS LUTESCENS	NO		5 DIA.		302+38.72	0.47 R	X			CLUSTER, 4' OVERALL HEIGHT, GOOD CONDITION
132	SABAL PALM	SABAL PALMETTO	YES		12	28	302+66.45	1.64 R	X			GOOD CONDITION
133	SABAL PALM	SABAL PALMETTO	YES		12	28	302+82.30	2.51 L	X			GOOD CONDITION
134	MADAGASCAR OLIVE	NOROHNIA EMARGINATA	NO	5	79		303+27.64	0.53 R	X			GOOD CONDITION
135	COCONUT PALM	COCOS NUCIFERA	NO		30	24	303+57.59	0.00	X			GOOD CONDITION
136	COCONUT PALM	COCOS NUCIFERA	NO		30	20	304+18.26	0.83 R	X			GOOD CONDITION
137	COCONUT PALM	COCOS NUCIFERA	NO		30	28	304+65.54	0.30 R	X			GOOD CONDITION
138	ROYAL PALM	ROYSTONEA ELATA	YES		20	12	305+28.14	55.20 R	X			GOOD CONDITION
139	ROYAL PALM	ROYSTONEA ELATA	YES		20	12	305+48.07	55.21 R	X			GOOD CONDITION
140	ROYAL PALM	ROYSTONEA ELATA	YES		20	12	305+68.16	55.20 R	X			GOOD CONDITION
141	COCONUT PALM	COCOS NUCIFERA	NO		30	22	309+83.63	2.34 R			X	GOOD CONDITION
142							310+13.40	1.98 R				MISSING
143	COCONUT PALM	COCOS NUCIFERA	NO		30	22	310+30.92	2.17 R			X	GOOD CONDITION
144	COCONUT PALM	COCOS NUCIFERA	NO		30	18	310+75.69	0.67 L			X	GOOD CONDITION
145	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	10	314		314+61.08	110.01 L	X			GOOD CONDITION
146	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	12	452		314+61.08	87.55 L	X			GOOD CONDITION
147	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	8	201		314+84.17	82.47 L	X			GOOD CONDITION
148	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	8	201		315+02.43	77.07 L	X			GOOD CONDITION
149	MAHOGANY TREE	SWIETENIA MAHHOGANI	YES	10	314		314+94.92	56.31 L	X			GOOD CONDITION
150							315+16.48	65.52 L				MISSING
151	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	11	380		315+38.10	65.34 L	X			GOOD CONDITION
152	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	9	254		315+35.23	55.32 L	X			GOOD CONDITION
153	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	10	314		315+72.23	65.58 L	X			GOOD CONDITION
154	WILD TAMARIND	LYSILOMA LATISILIQUA	NO	14	615		315+87.23	65.78 L	X			GOOD CONDITION
155	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	4	50		315+77.73	53.09 L	X			FAIR CONDITION
156	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	8	201		3216+14.10	55.09 L	X			POOR CONDITION
157	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	8	201		316+50.83	56.22 L	X			GOOD CONDITION
158	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	10	314		316+93.13	55.17 L	X			GOOD CONDITION
159	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	9	254		317+31.21	51.78 L	X			POOR CONDITION
160	COCONUT PALM	COCOS NUCIFERA	NO		30	6	317+65.61	1.76 R			X	GOOD CONDITION
161	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	25	317+77.31	52.72 L	X			GOOD CONDITION
162	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	10	314		317+87.72	56.29 L	X			GOOD CONDITION
163							318+23.62	1.30 R				MISSING
164	UMBRELLA TREE	SCHEFFLERA ACTINOPHYLLA	NO	25	1963		318+60.00	0.00			X	CATEGORY I, EPPC 2005 LIST OF INVASIVE SPECIES
165	COCONUT PALM	COCOS NUCIFERA	NO		30	12	318+89.58	0.93 L	X			GOOD CONDITION
166	COCONUT PALM	COCOS NUCIFERA	NO		30	20	319+19.12	0.00	X			GOOD CONDITION
167	COCONUT PALM	COCOS NUCIFERA	NO		30	24	319+42.16	1.50 R	X			GOOD CONDITION
168	SABAL PALM	SABAL PALMETTO	YES		12	26	319+59.70	0.00	X			GOOD CONDITION
169							319+94.41	4.34 R				MISSING
170	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	12	321+95.77	1.63 R			X	GOOD CONDITION

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PBSJ
Certificate of Authorization No. 24
Post Buckley Schuh & Jernigan, Inc., d/b/a/ PBS&J

Harry Belton, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Blvd.
Suite 100
Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

EXISTING TREE SUMMARY

SHEET NO.
LD-9

20358 5/15/2007 1:16:04 PM h:\transportation\227921\520\landscape\pnlld02x1.dgn

ALL TREES EXIST WITHIN THE CORPORATE LIMITS OF THE CITY OF POMPANO BEACH

EXISTING TREE SUMMARY

Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE (YES OR NO)	DBH (INCHES)	CANOPY (SQUARE FEET)	CLEAR WOOD (FEET)	STATION	OFFSET	REMAIN	RELOCATE	REMOVE	COMMENTS
171	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	322+24.87	0.00			X	GOOD CONDITION
172	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	12	322+56.49	2.62 L			X	GOOD CONDITION
173	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	322+85.67	4.56 L			X	GOOD CONDITION
174	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	323+16.44	4.34 L			X	GOOD CONDITION
175	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	323+46.41	3.73 L			X	GOOD CONDITION
176	DRAGON TREE	DRACAENEA MARGINATA	NO	28	20		325+38.60	2.32 L			X	GOOD CONDITION
177							325+77.59	3.28 L				MISSING
178	SABAL PALM	SABAL PALMETTO	YES		12	27	328+16.16	1.71 L	X			GOOD CONDITION
179	SABAL PALM	SABAL PALMETTO	YES		12	20	328+27.83	0.00	X			GOOD CONDITION
180							328+38.10	1.50 L				MISSING
181	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	329+33.98	4.32 L			X	GOOD CONDITION
182	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	6	329+59.50	4.87 L			X	POOR CONDITION
183	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	331+80.00	4.88 R	X			GOOD CONDITION
184	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	332+05.04	4.30 R	X			GOOD CONDITION
185	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	7	332+28.85	4.33 R	X			GOOD CONDITION
186	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	12	332+55.13	3.59 R	X			GOOD CONDITION
187	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	332+80.28	0.84 R	X			GOOD CONDITION
188	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	12	333+04.39	0.70 L	X			GOOD CONDITION
189	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	8	333+28.54	3.07 L	X			GOOD CONDITION
190	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	9	333+54.45	3.44 L	X			GOOD CONDITION
191							333+80.00	4.47 L				MISSING
192	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	12	334+03.59	4.31 L	X			GOOD CONDITION
193	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	13	334+27.09	4.23 L	X			GOOD CONDITION
194	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	11	334+53.64	4.23 L	X			GOOD CONDITION
195	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	334+79.50	4.45 L	X			GOOD CONDITION
196	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	9	335+01.60	4.25 L	X			GOOD CONDITION
197	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	9	335+30.00	4.35 L	X			GOOD CONDITION
198	COCONUT PALM	COCOS NUCIFERA	NO		30	12	339+28.08	0.00	X			GOOD CONDITION
199	COCONUT PALM	COCOS NUCIFERA	NO		30	13	339+50.27	1.66 L	X			GOOD CONDITION

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

EXISTING TREE SUMMARY

SHEET NO.
LD-10

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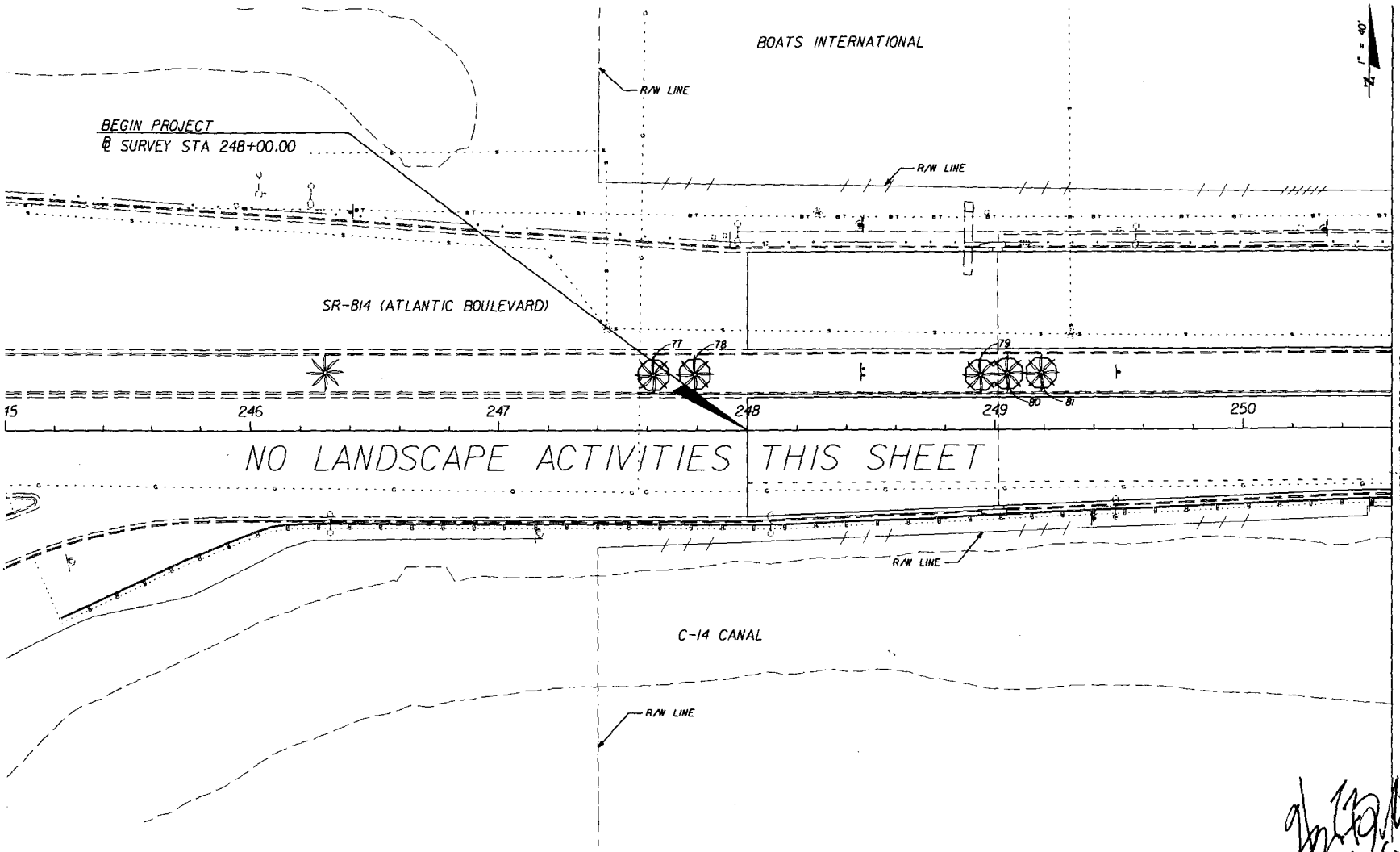

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-11

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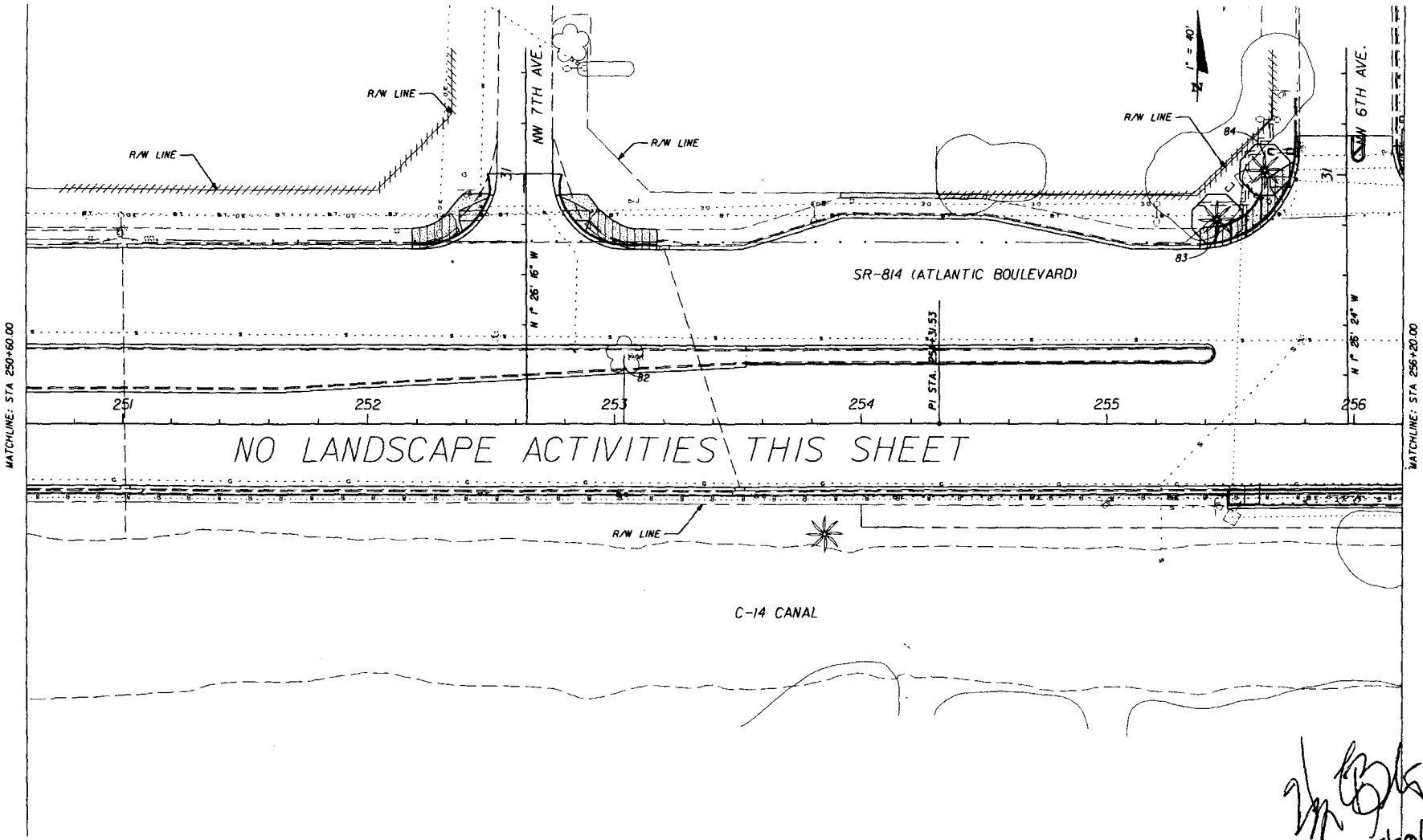

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-12

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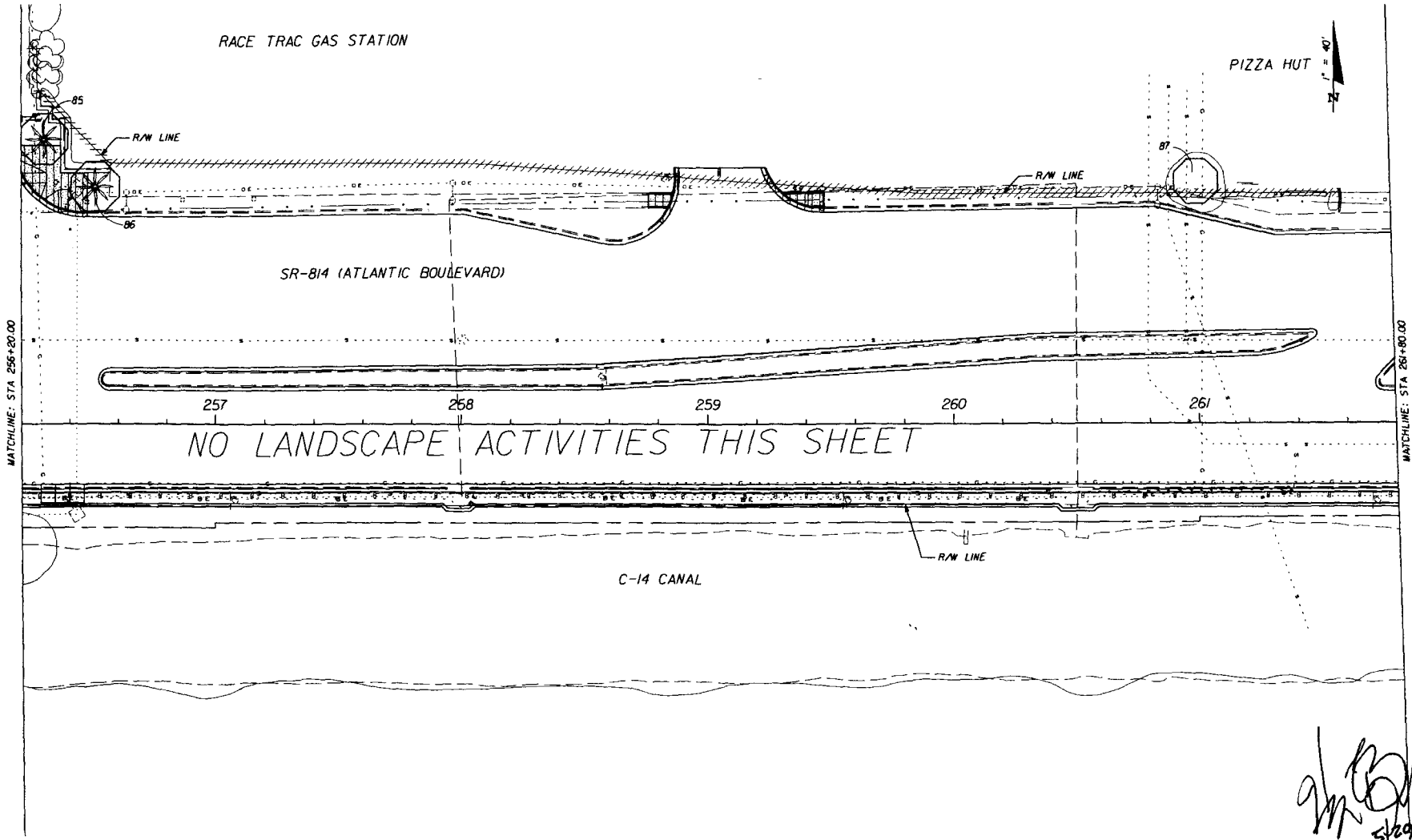

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-13

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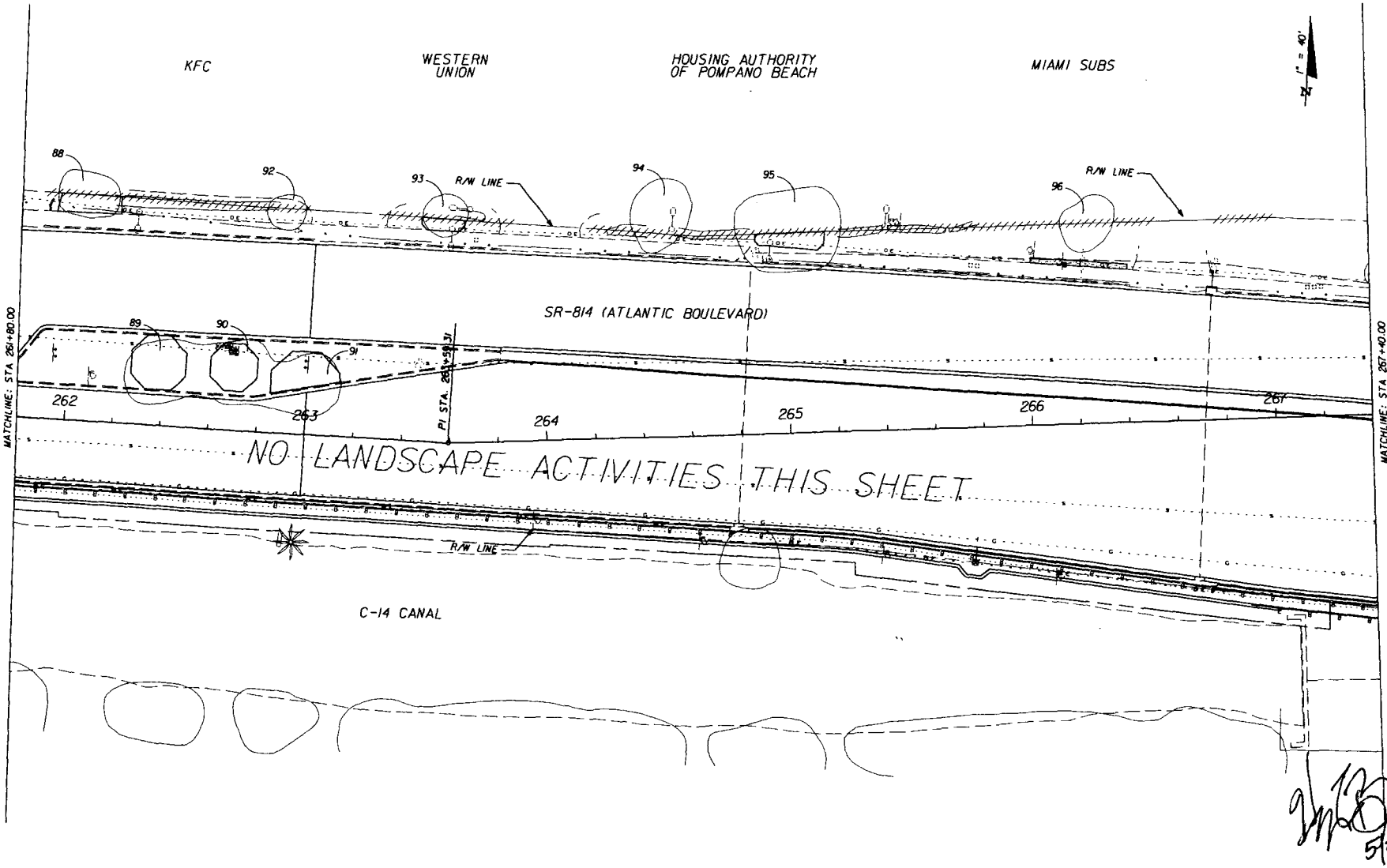

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LANDSCAPE PLANS

SHEET NO. LD-14

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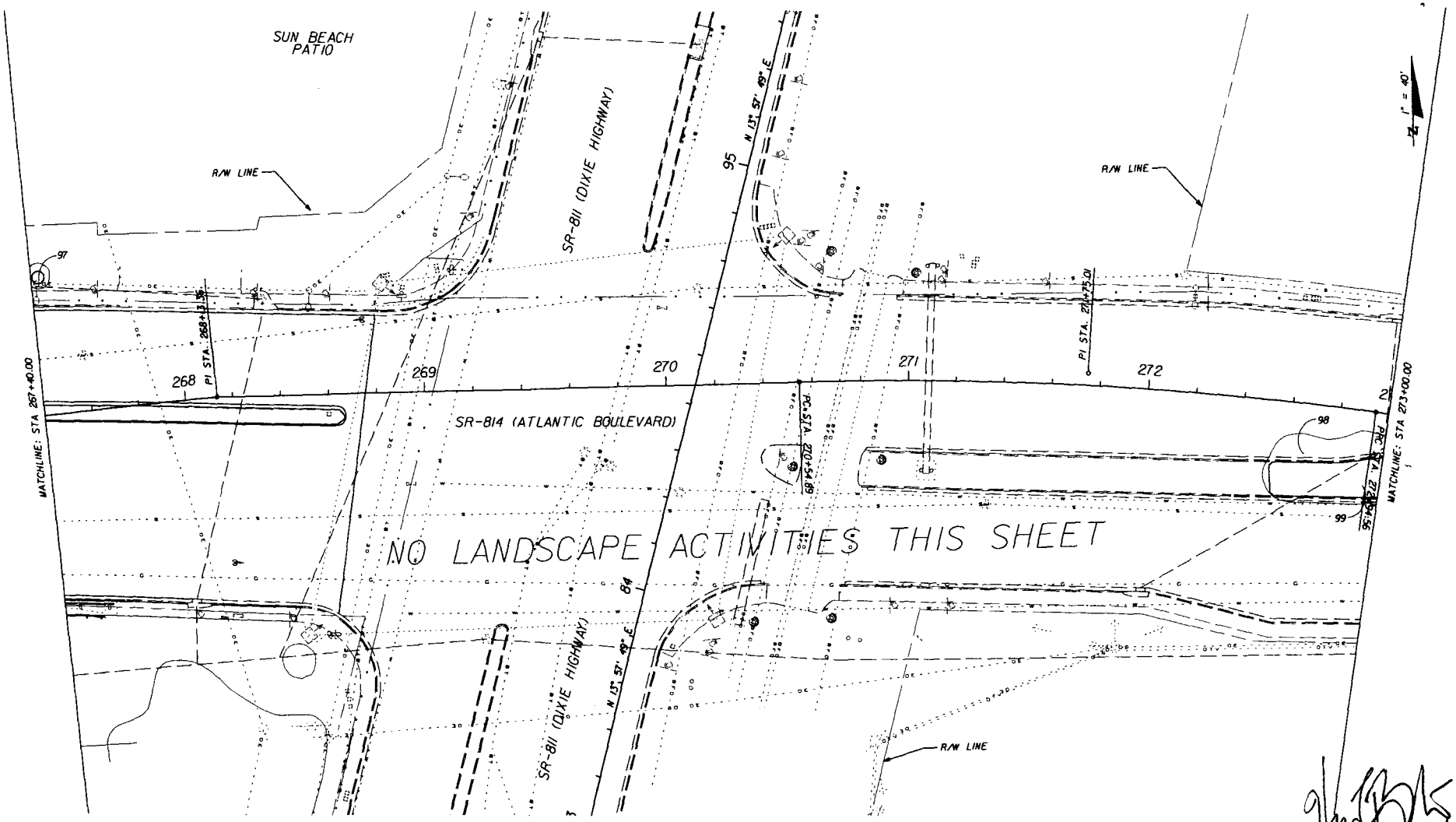

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-15

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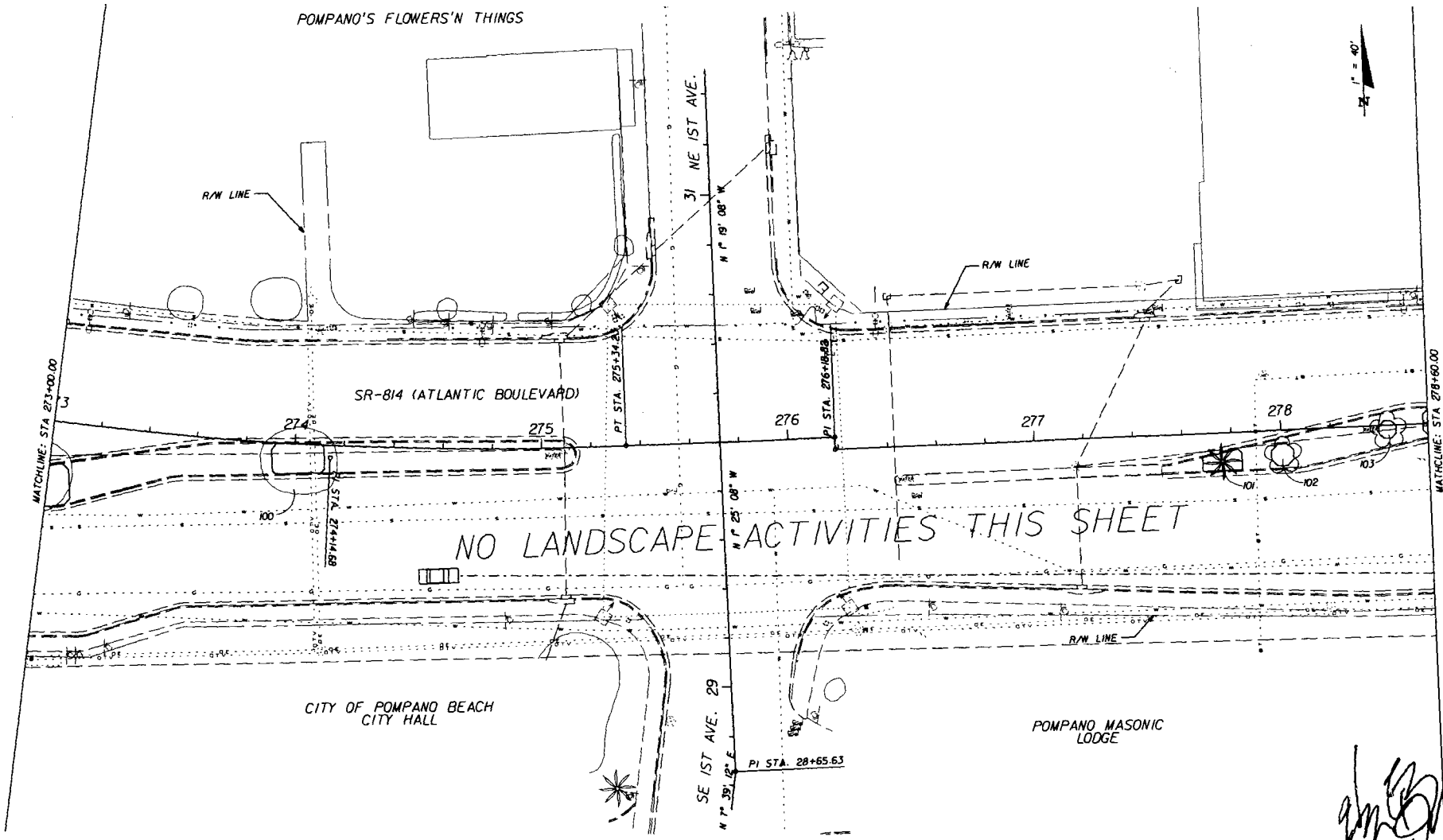

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-16

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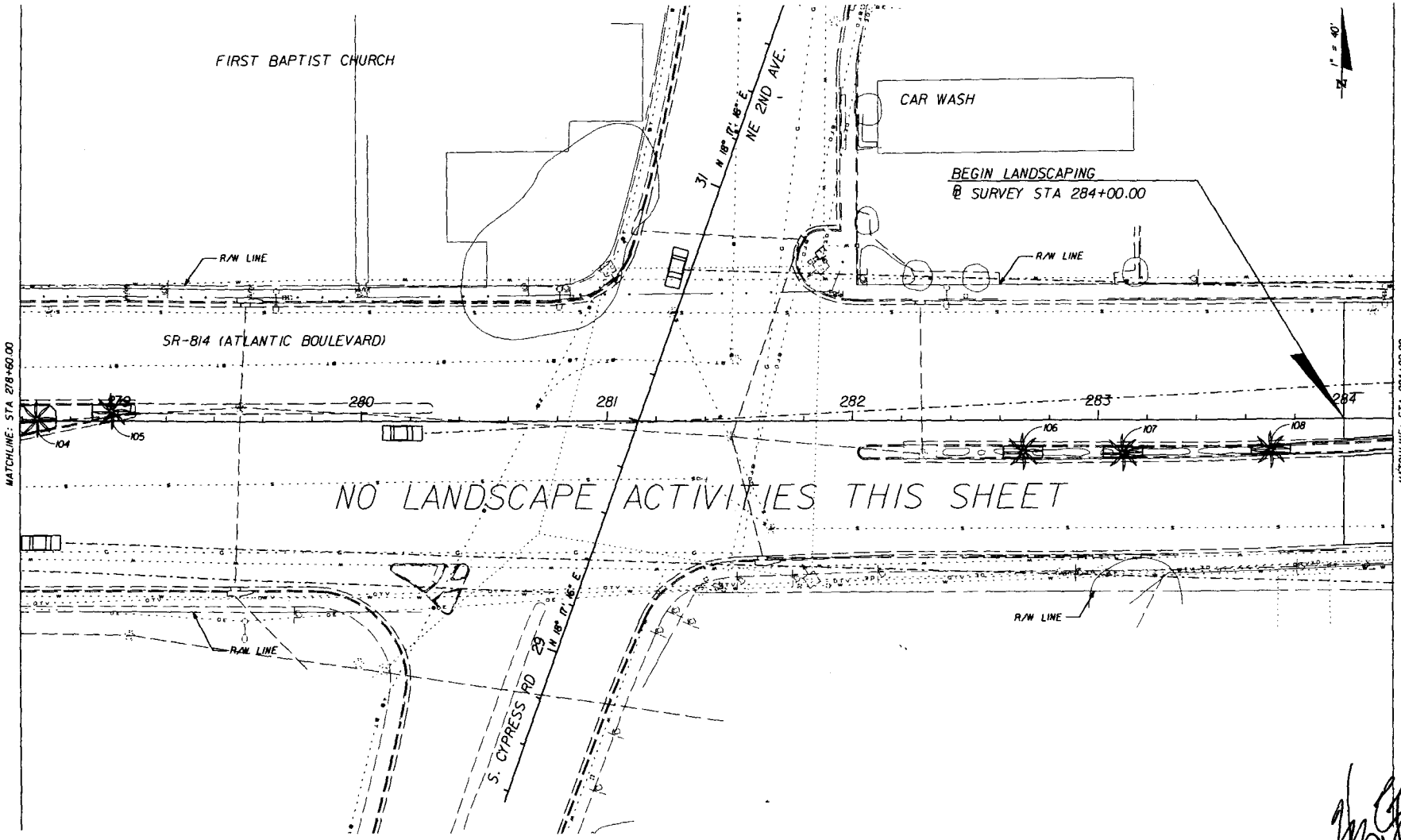

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LANDSCAPE PLANS

SHEET NO. LD-17

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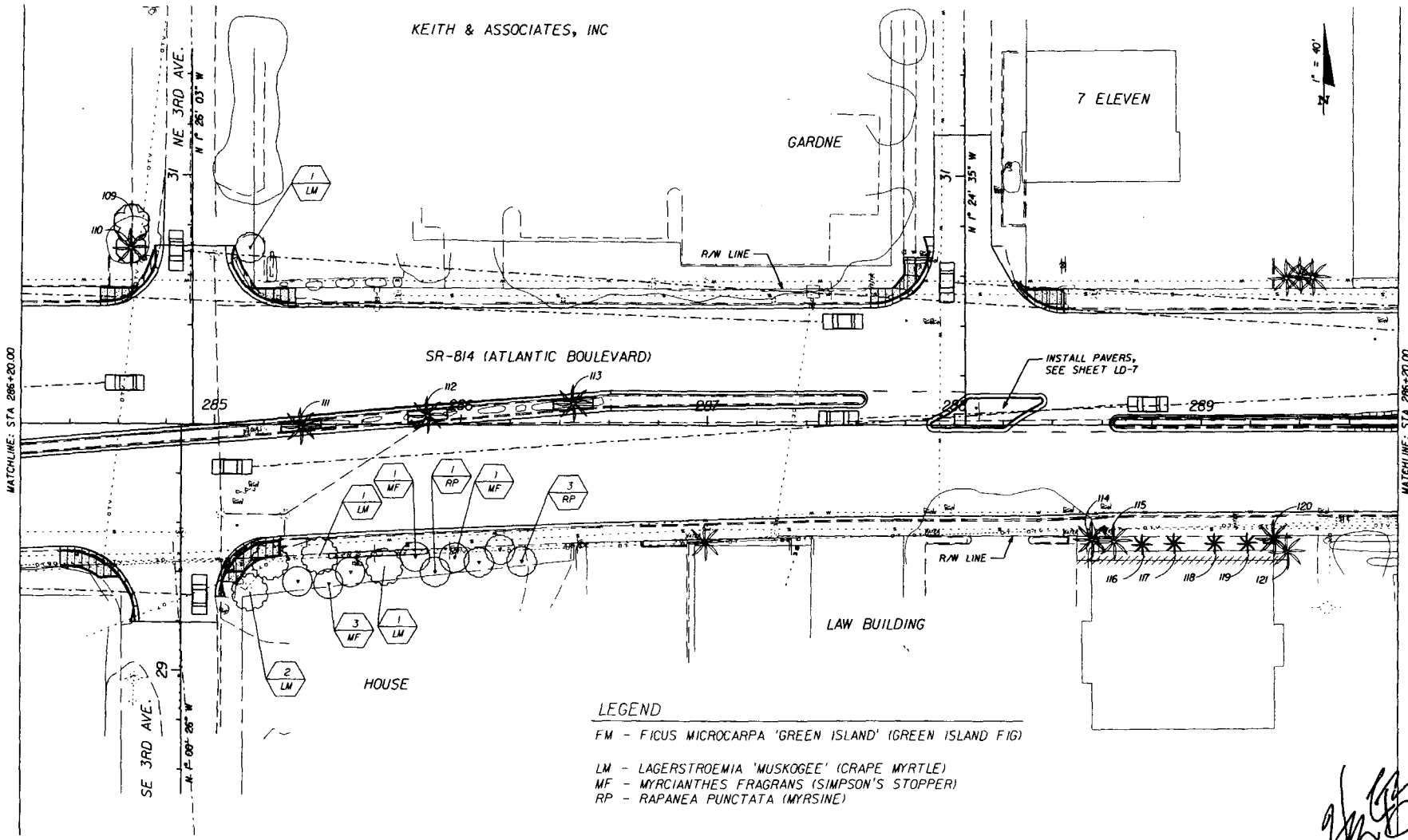

LEGEND

FM - FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FIG)

LM - LAGERSTROEMIA 'MUSKOGEE' (CRAPE MYRTLE)
MF - MYRCIANTHES FRAGRANS (SIMPSON'S STOPPER)
RP - RAPANEA PUNCTATA (MYRSINE)

5/29/07

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-18

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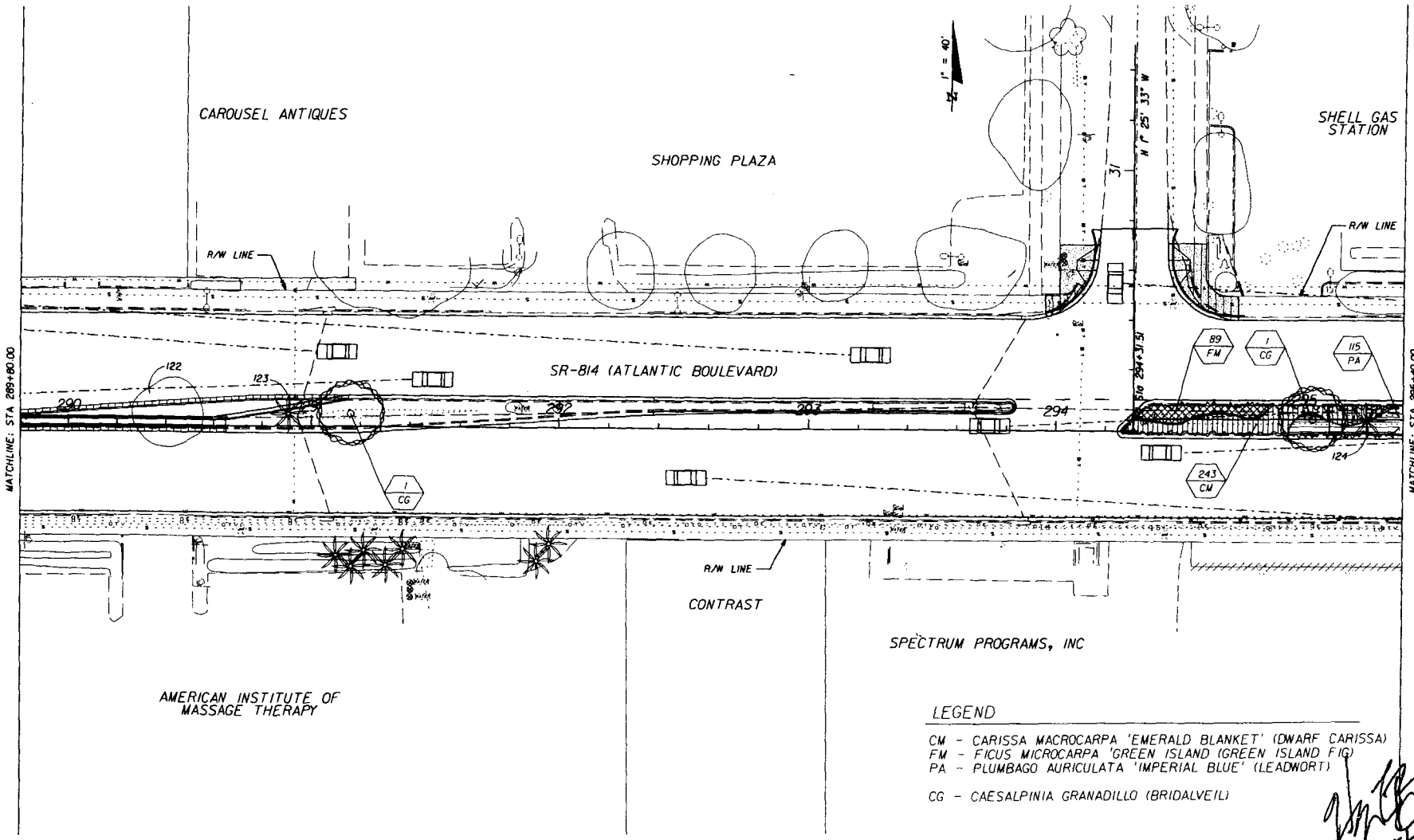

LEGEND

CM - CARISSA MACROCARPA 'EMERALD BLANKET' (DWARF CARISSA)
FM - FICUS MICROCARPA 'GREEN ISLAND (GREEN ISLAND FIG)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)

CG - CAESALPINIA GRANADILLO (BRIDALVEIL)

5/29/07

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-19

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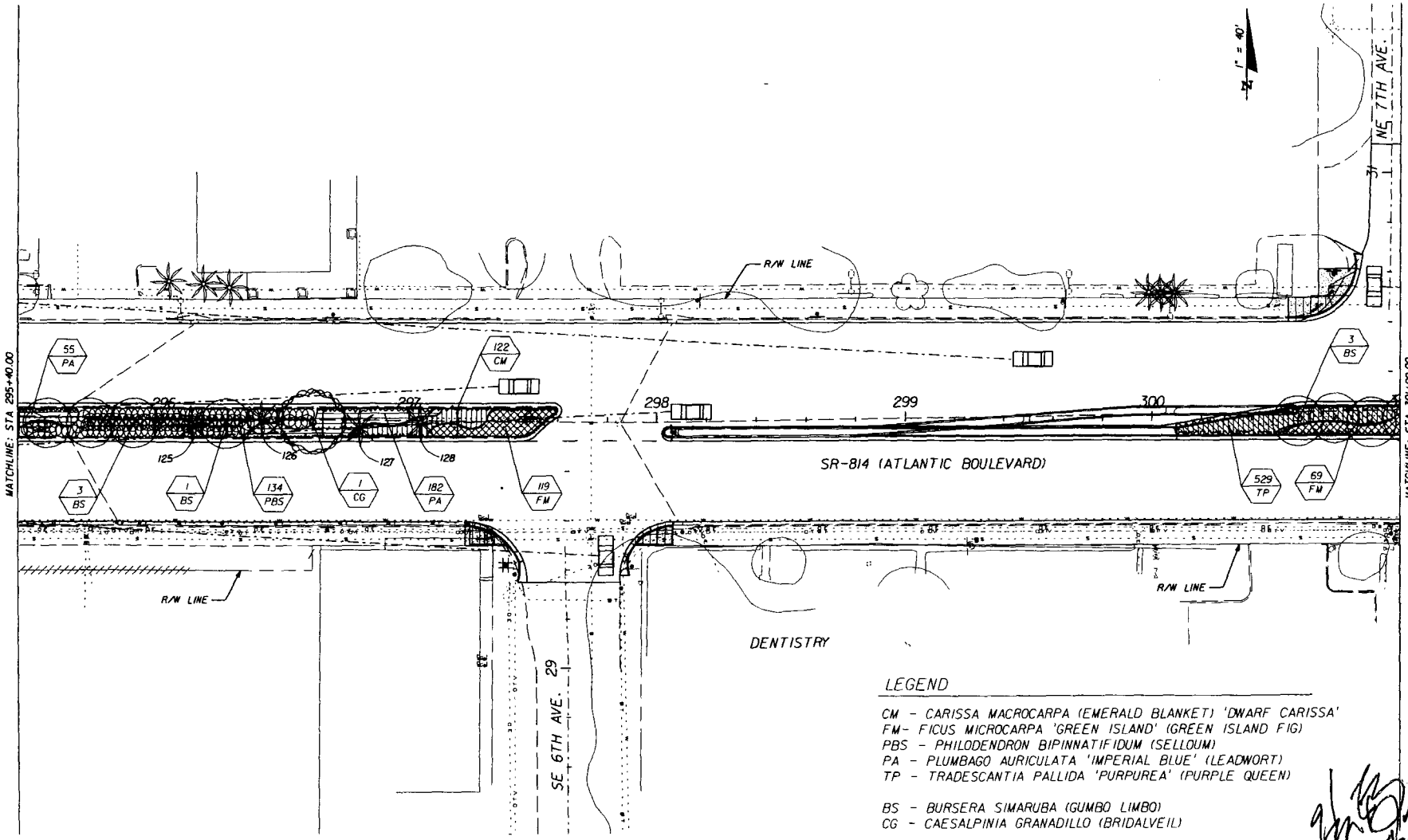

LEGEND

CM - CARISSA MACROCARPA (EMERALD BLANKET) 'DWARF CARISSA'
FM- FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FIG)
PBS - PHILODENDRON BIPINNATIFIDUM (SELLOUM)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)
TP - TRADESCANTIA PALLIDA 'PURPUREA' (PURPLE QUEEN)

BS - BURSERA SIMARUBA (GUMBO LIMBO)
CG - CAESALPINIA GRANADILLO (BRIDALVEIL)

5/29/07

REVISIONS					
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-20

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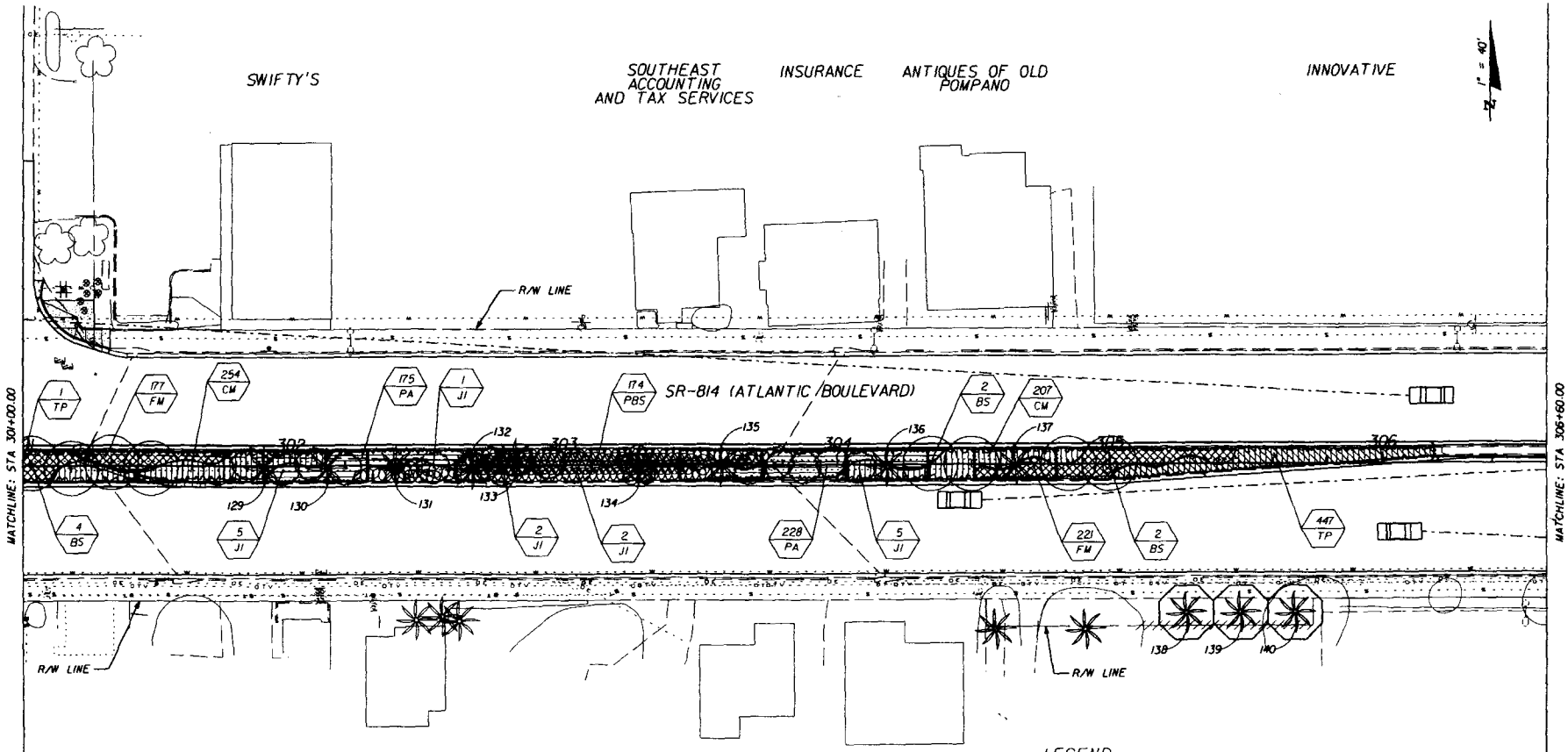

LEGEND

CM - CARISSA MACROCARPA 'EMERALD BLANKET' (DWARF CARISSA)
FM - FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FICUS)
PBS - PHILODENDRON BIPINNATIFIDUM (SELLOUM)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)
TP - TRADESCANTIA PALLIDA 'PURPUREA' (PURPLE QUEEN)

BS - BURSERA SIMARUBA (GUMBO LIMBO)
JI - JATROPHA INTEGERRIMA (JATROPHA)

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	22792I-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-21

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POMPANO BEACH LIBRARY

NE 13TH AVE.

N 1° 18' 38" W

31

PI STA. 320+93.74

OFFICES

BLACK DIAMOND

DAVITA DIALYSIS

1" = 40'

162

R/W LINE

MATCHLINE: STA 317+80.00

MATCHLINE: STA 323+40.00

396 TP

3 BS

190 FM

105 SAT

116 CM

1 CG

318

319

320

321

322

323

173

174

163

164

165

166

167

168

169

170

171

172

179 FM

102 PBS

5 JI

486 TP

69 PA

SR-814 (ATLANTIC BOULEVARD)

R/W LINE

CHINESE RESTAURANT

SHOPPING PLAZA

R/W LINE

FRANK FURMAN INSURANCE

SE 13TH AVE.

29

N 1° 59' 35" W

LEGEND

CM - CARISSA MACROCARPA 'EMERALD BLANKET' (DWARF CARISSA)
FM - FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FIG)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)
PBS - PHILODENDRON BIPINNATIFIDUM (SELLOUM)
SAT - SCHEFFLERA ARBORICOLA 'TRINETTE' (TRINETTE)
TP - TRADESCANTIA PALLIDA 'PURPUREA' (PURPLE QUEEN)

BS - BURSERA SIMARUBA (GUMBO LIMBO)
CG - CAESALPINIA GRANADILLO (BRIDALVEIL)
JI - JATROPHA INTEGERRIMA (JATROPHA)

5/29/07

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-24

20358 5/15/2007 2:46:11 PM h:\transportation\227921\52\01\landscape\plan814.dgn

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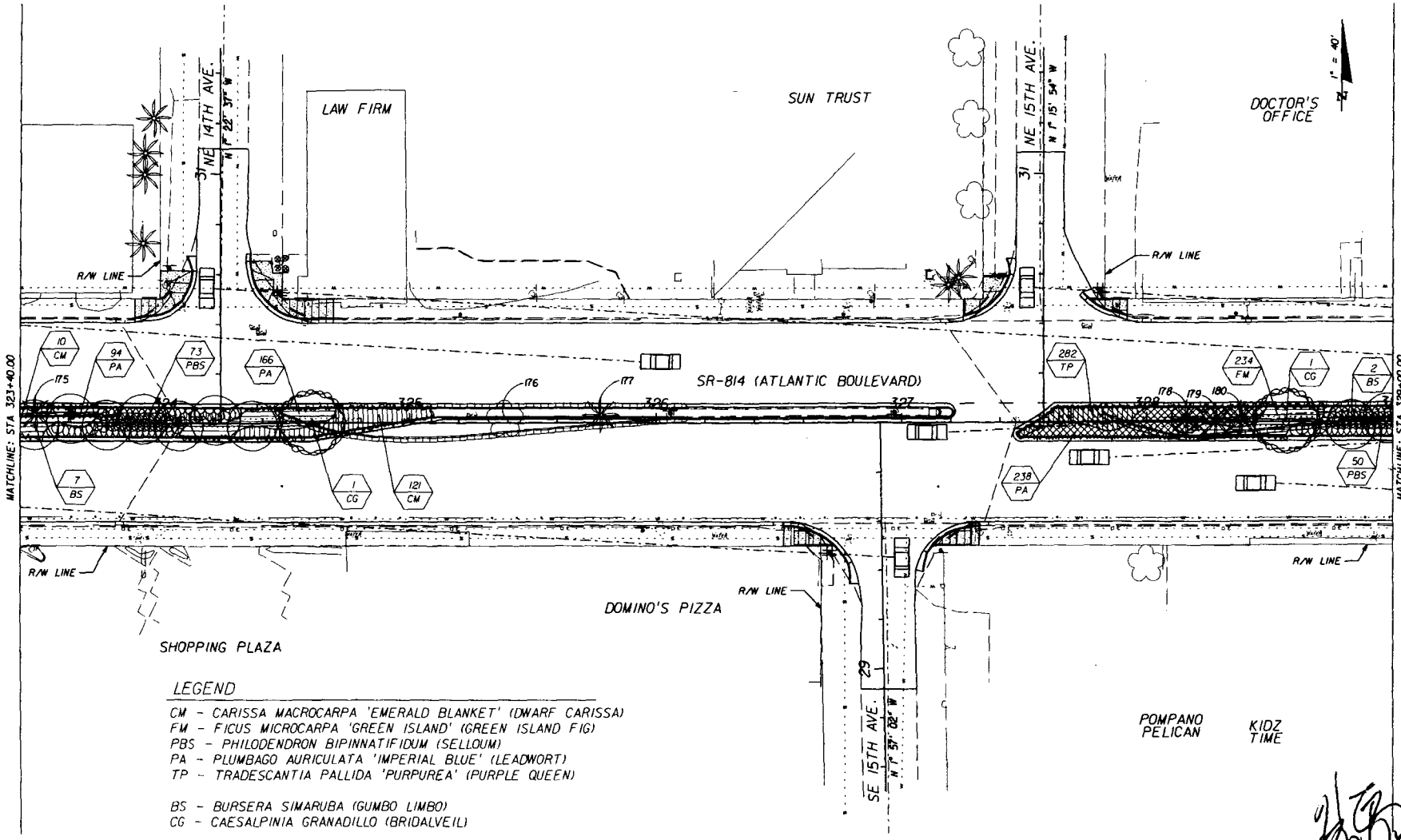

LEGEND

CM - CARISSA MACROCARPA 'EMERALD BLANKET' (DWARF CARISSA)
FM - FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FIG)
PBS - PHILODENDRON BIPINNATIFIDUM (SELLOUM)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)
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BS - BURSERA SIMARUBA (GUMBO LIMBO)
CG - CAESALPINIA GRANADILLO (BRIDALVEIL)

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-25

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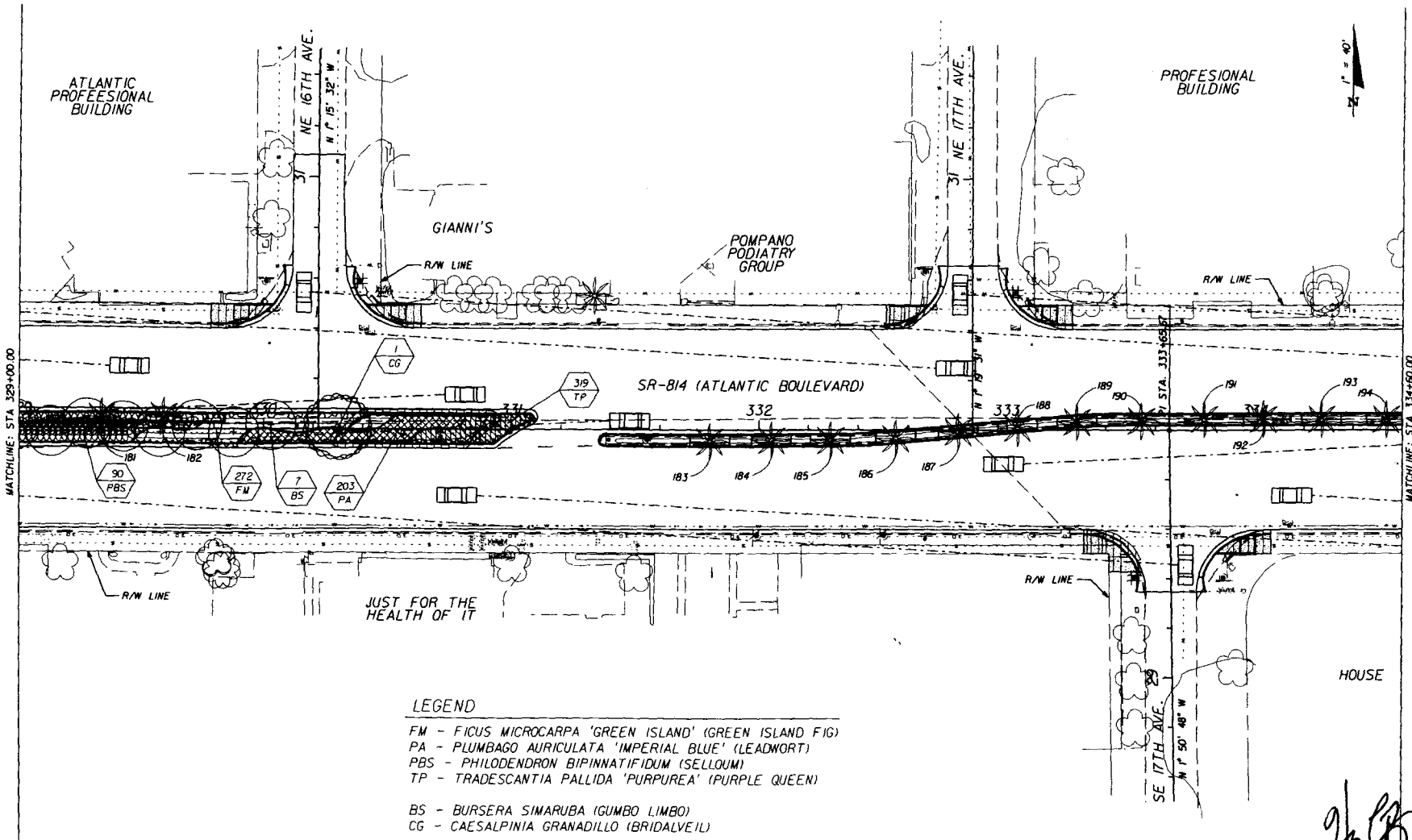

LEGEND

FM - FICUS MICROCARPA 'GREEN ISLAND' (GREEN ISLAND FIG)
PA - PLUMBAGO AURICULATA 'IMPERIAL BLUE' (LEADWORT)
PBS - PHILODENDRON BIPINNATIFIDUM (SELLOUM)
TP - TRADESCANTIA PALLIDA 'PURPUREA' (PURPLE QUEEN)

BS - BURSERA SIMARUBA (GUMBO LIMBO)
CG - CAESALPINIA GRANADILLO (BRIDALVEIL)

5/29/07

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Harry Belton, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Blvd.
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Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO.
LD-26

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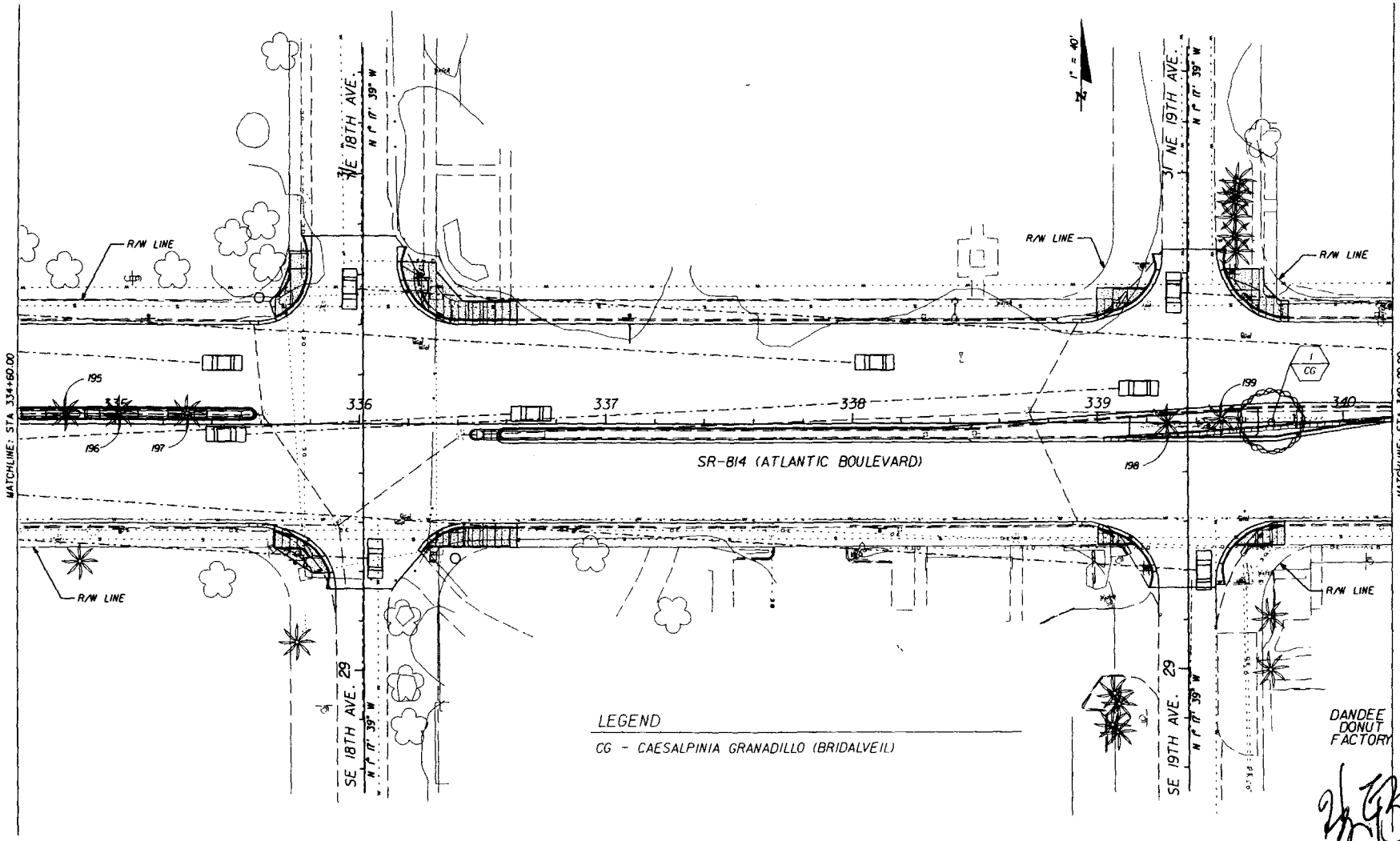

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814	BROWARD	227921-1-52-01

LANDSCAPE PLANS

SHEET NO. LD-27

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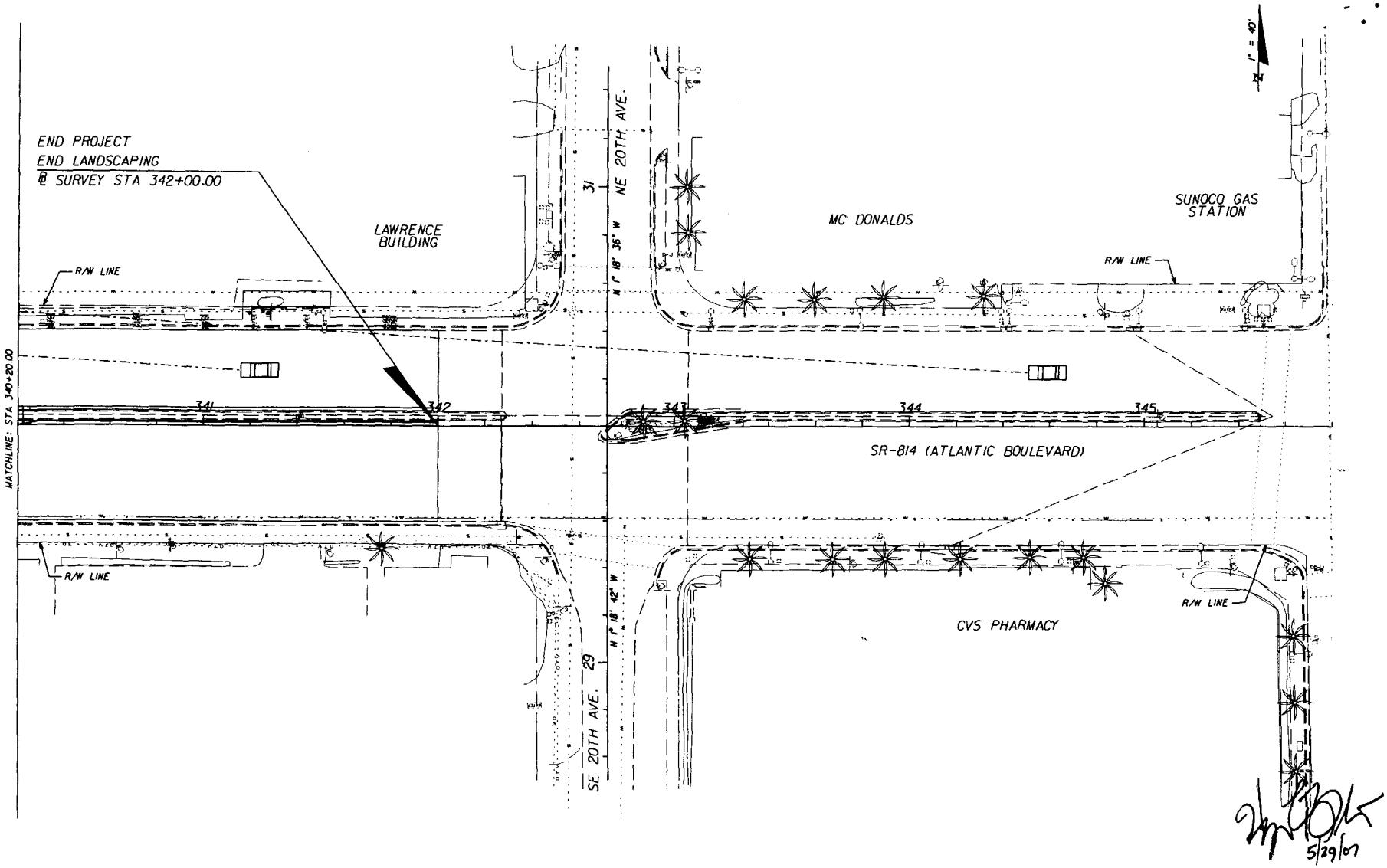

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LANDSCAPE PLANS

SHEET NO.
LD-28

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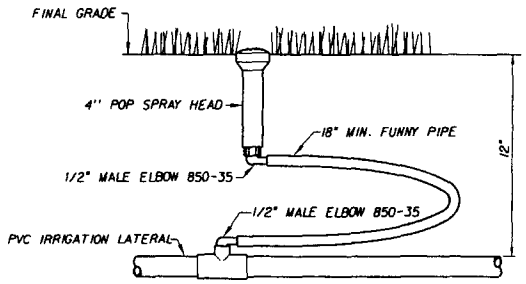
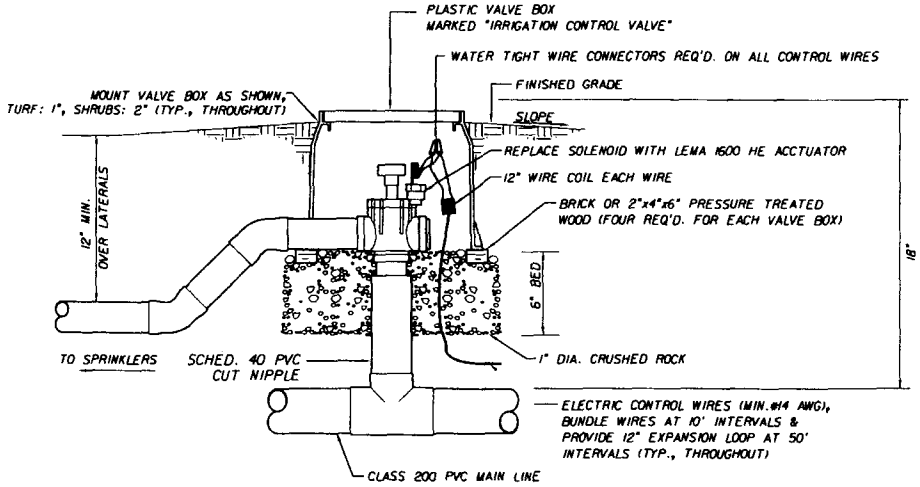


SPRAY HEAD INSTALLATION

NOT TO SCALE



VALVE INSTALLATION

NOT TO SCALE

IRRIGATION NOTES :

1. THE IRRIGATION MAIN LINE SHALL BE SCHEDULE 40 PVC INSTALLED 18" BELOW FINISHED GRADE OF MEDIAN AND 36" BELOW FINISHED GRADE OF ROADWAY.
2. ALL VALVES, FILTERS, GAUGES, ETC., SHALL BE ENCLOSED IN APPROVED VALVE BOXES OF APPROPRIATE SIZE. THESE ITEMS MUST BE EASILY ACCESSIBLE FOR SERVICING AND MAINTENANCE AFTER INSTALLATION OF THE LANDSCAPING. THE BOTTOM OF EACH BOX SHALL BE LINED WITH GRAVEL TO A MINIMUM DEPTH OF 2". ALL PRESSURE GAUGES SHALL HAVE 2" PLASTIC FACE AND READ FROM 0 TO 60 PSI.
3. FINISHED GRADE SHALL BE 2" BELOW TOP OF CURB, ADJACENT PAVEMENT, AND/OR SURROUNDING GROUND.
4. NEW IRRIGATION SLEEVES SHALL BE INSTALLED IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS WHERE APPLICABLE. ALL SLEEVES SHALL BE HDPE AND TAPED CLOSED AT BOTH ENDS, TRENCHING OPERATIONS SHALL FOLLOW STANDARD INDEX 307, AS WELL AS STANDARD INDEX 1772).
5. ALL MATERIALS FOR THIS PROJECT SHALL BE NEW AND FURNISHED TO THE OWNER DIRECT OR THROUGH THE INSTALLATION CONTRACTOR BY THE MANUFACTURER OR AN AUTHORIZED DEALER. EXCEPT AS SPECIFIED IN THE PLANS.
6. BACKFLOW PREVENTION SHALL BE IN ACCORDANCE TO LOCAL CODE.
7. IF ANY COMPONENT OF THE IRRIGATION SYSTEM IS BROKEN DURING CONSTRUCTION, THE IRRIGATION CONTRACTOR WILL BE NOTIFIED AT ONCE. THE IRRIGATION CONTRACTOR WILL MAKE ALL REPAIRS TO THE IRRIGATION SYSTEM AND BE COMPENSATED FOR SUCH REPAIRS BY THOSE RESPONSIBLE FOR THE DAMAGE.
8. NO EXCAVATION SHALL TAKE PLACE UNTIL ALL EXISTING UTILITIES HAVE BEEN LOCATED ON SITE. CONTACT "SUNSHINE" AT 1-800-432-4770 AND P.W.DEPT. TWO BUSINESS DAYS PRIOR TO EXCAVATION.
9. IRRIGATION SYSTEM SHALL BE OPERABLE FOR A MINIMUM OF 48 HOURS PRIOR TO THE LAYING OF SOD. GROUND SHALL BE THOROUGHLY SATURATED PRIOR TO THE LAYING OF SOD.
10. ZONE LINES ARE DESIGNED TO PERFORM AT 30 PSI AT THE LAST HEAD.
11. ZONE LINE PIPING SHALL BE PVC SCH40 IPS PLASTIC PIPE OR APPROVED EQUAL.
12. ALL SALVAGEABLE IRRIGATION EQUIPMENT WITHIN THE CITY OF POMPANO BEACH SHALL BE DELIVERED TO THE PUBLIC WORKS DEPARTMENT. THE CONTRACTOR IS TO CONTACT PUBLIC WORKS WITHIN 7 DAYS OF DELIVERY. TO BE PAID FOR UNDER PAY ITEM 590-70.
13. POMPANO BEACH PUBLIC WORKS DEPT. SHALL BE NOTIFIED PRIOR TO START OF CONSTRUCTION.

SUMMARY OF IRRIGATION PLAN - KEY MATERIAL LIST

DESCRIPTION	UNITS	TOTALS** ORIG	TOTALS** FINAL
ELECTRIC CONTROL VALVE	EA	14	
SOLAR IRRIGATION CONTROLLERS	EA	8	
SPRAY HEAD	EA	475	
1 1/4" LATERAL LINE	LF	160	
1" LATERAL LINE	LF	1240	
3/4" LATERAL LINE	LF	2730	
1/2" LATERAL LINE	LF	2400	

THE QUANTITIES SHOWN ARE APPROXIMATE. SOME QUANTITIES WILL VARY BY METHOD OF INSTALLATION. ALL METHODOLOGY WILL BE WITH THE APPROVAL OF THE ENGINEER.

THE QUANTITIES ARE SUMMARIZED FOR THE CONVENIENCE OF THE CONTRACTOR AND OF THE ENGINEER. THE IRRIGATION SYSTEM (PAY ITEM No. 590-70) IS A LUMP SUM BID ITEM ALL INCLUSIVE OF LABOR AND MATERIALS REQUIRED FOR A COMPLETED AND TOTALLY FUNCTIONAL IRRIGATION SYSTEM, INCLUDING WATER AND FPL SERVICE CONNECTION.

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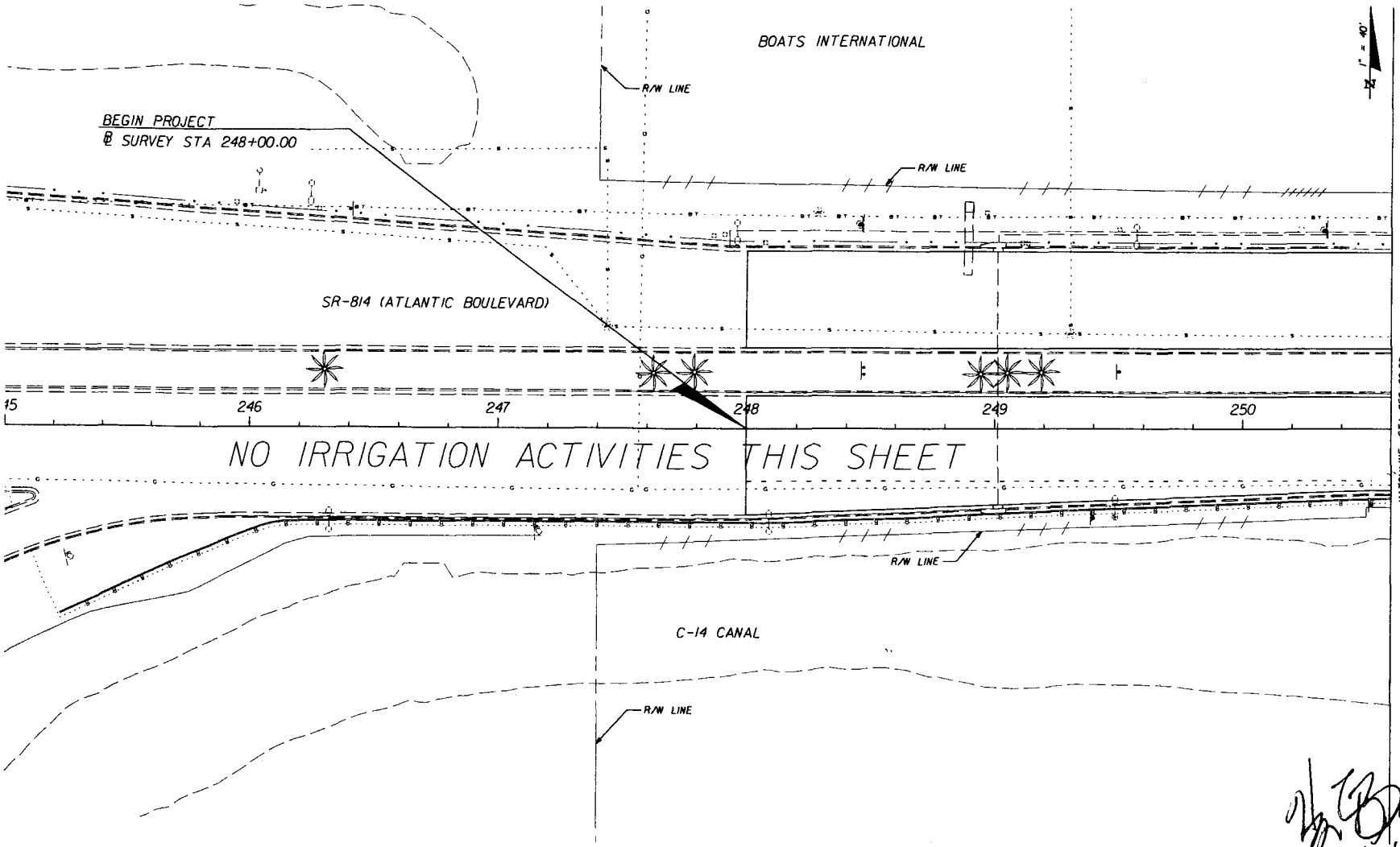
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION DETAILS

SHEET NO. LD-29



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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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IRRIGATION PLANS

SHEET NO.
LD-30

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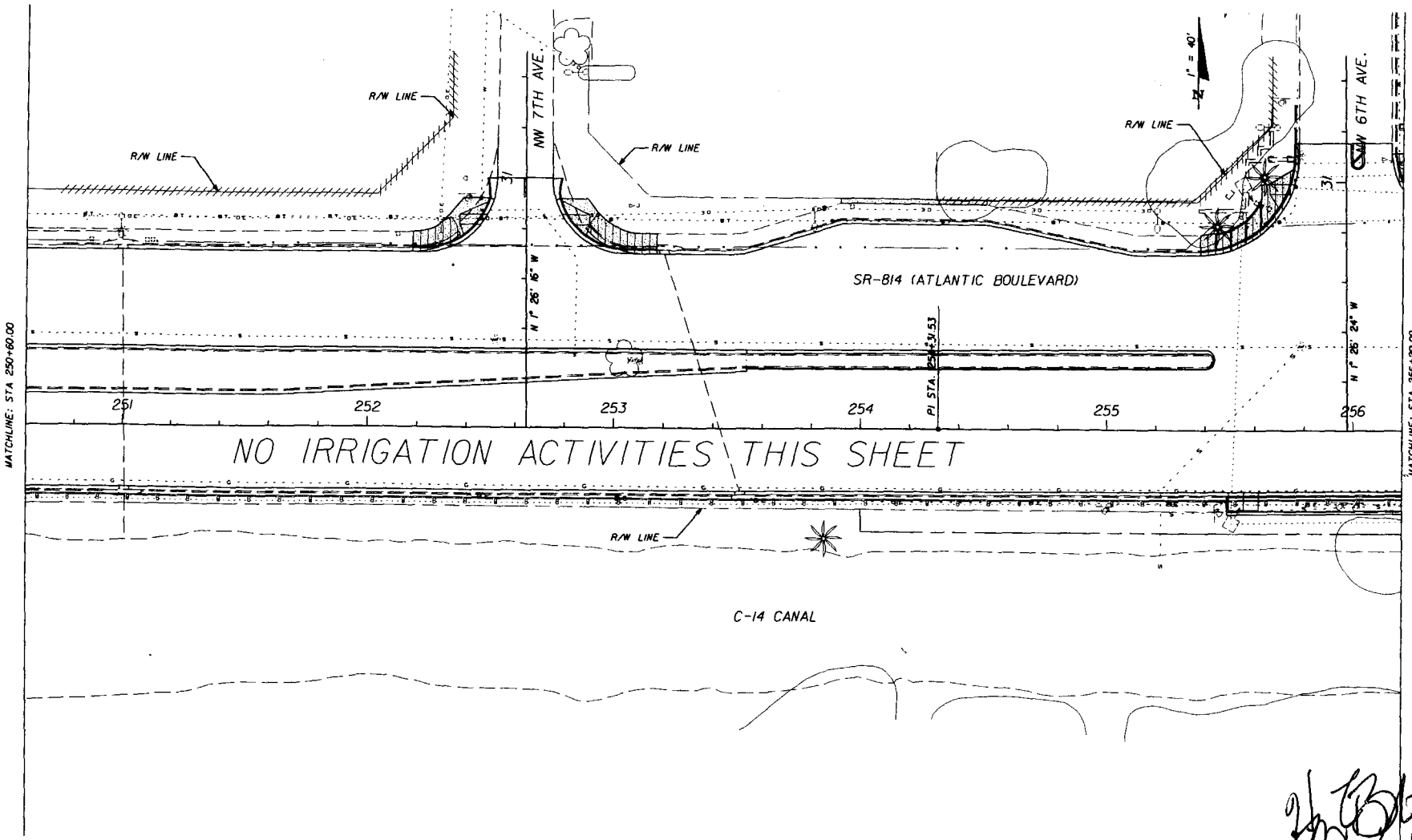

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814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-31

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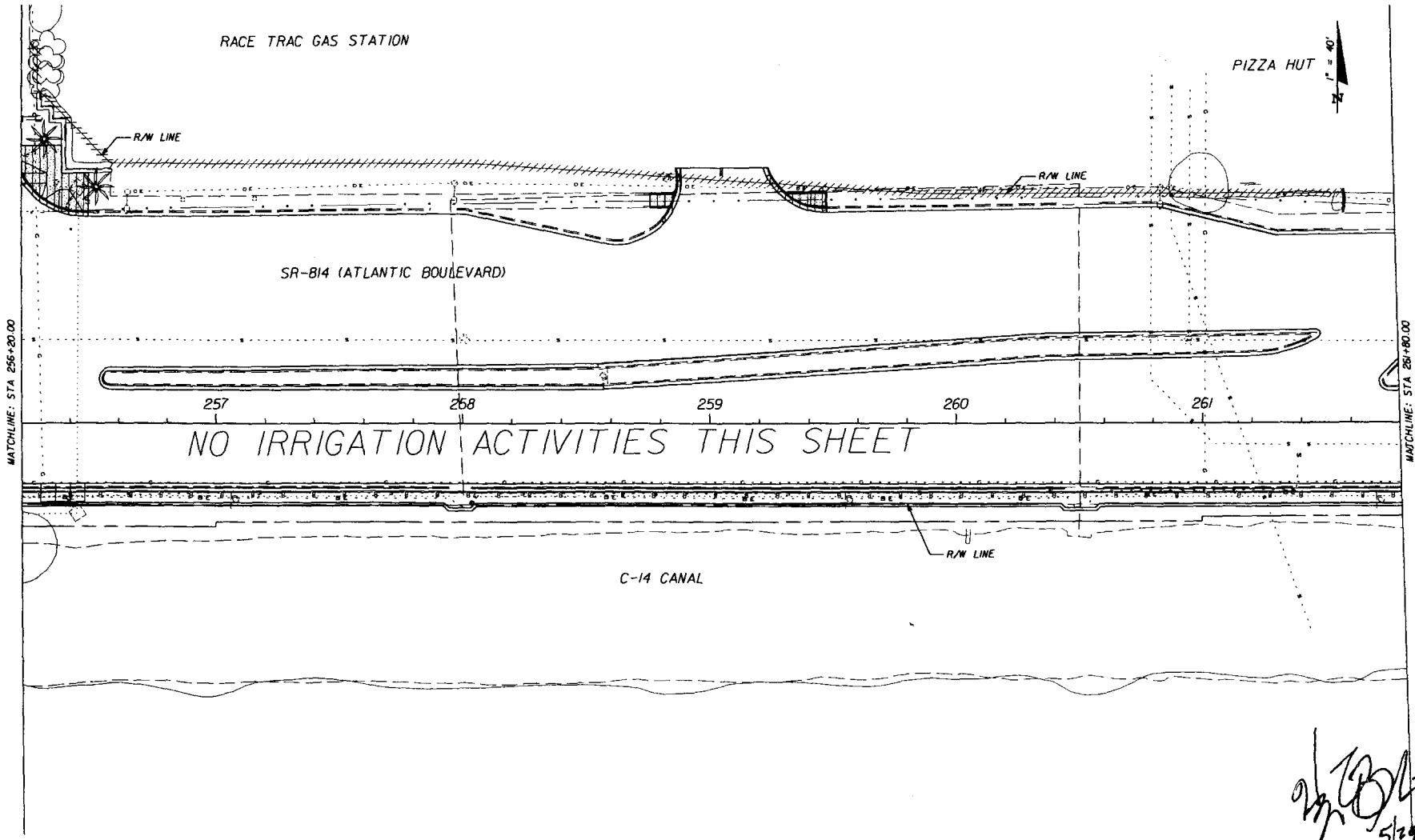

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IRRIGATION PLANS

SHEET NO.
LD-32

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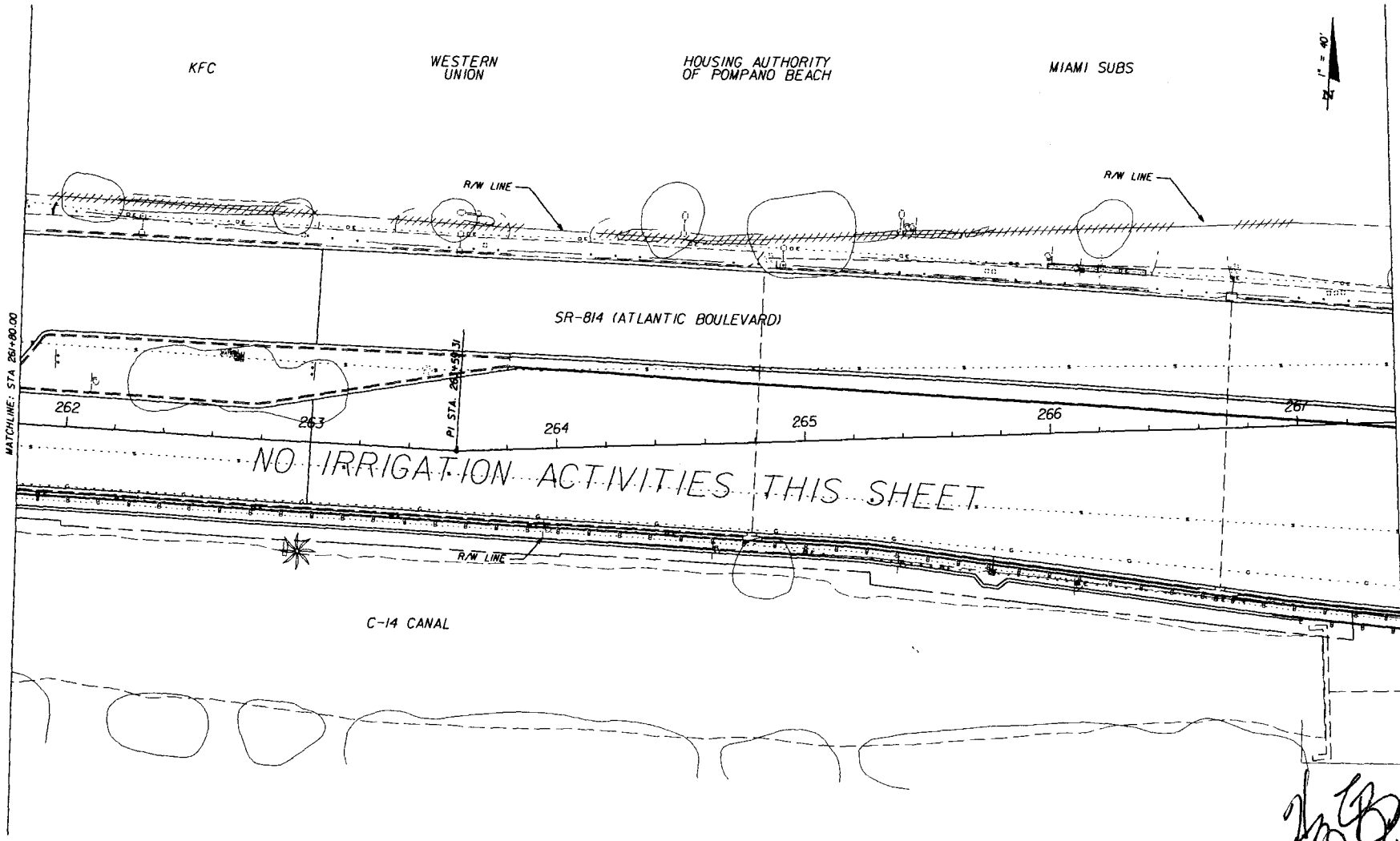

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IRRIGATION PLANS

SHEET NO.
LD-33

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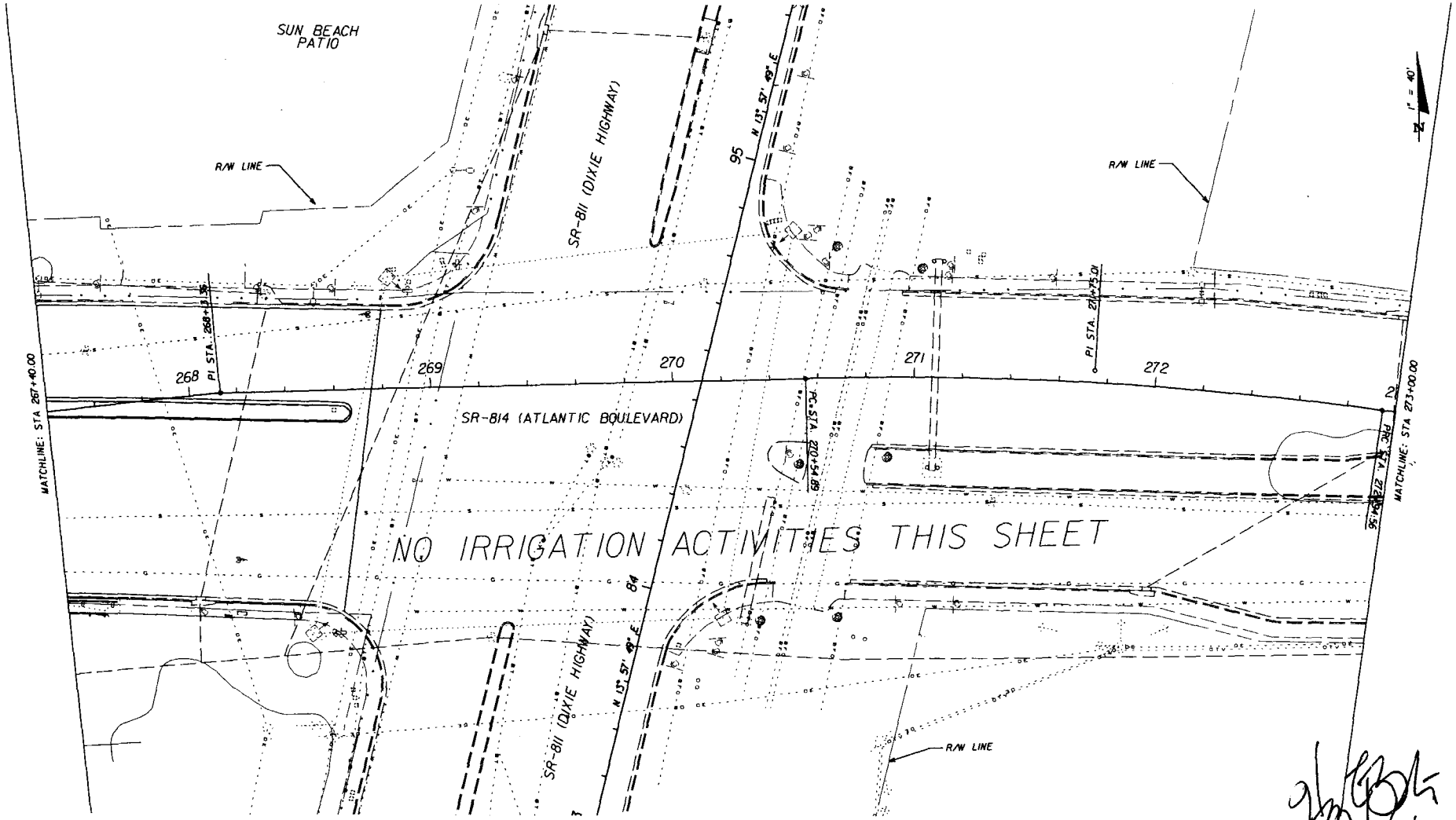

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-34

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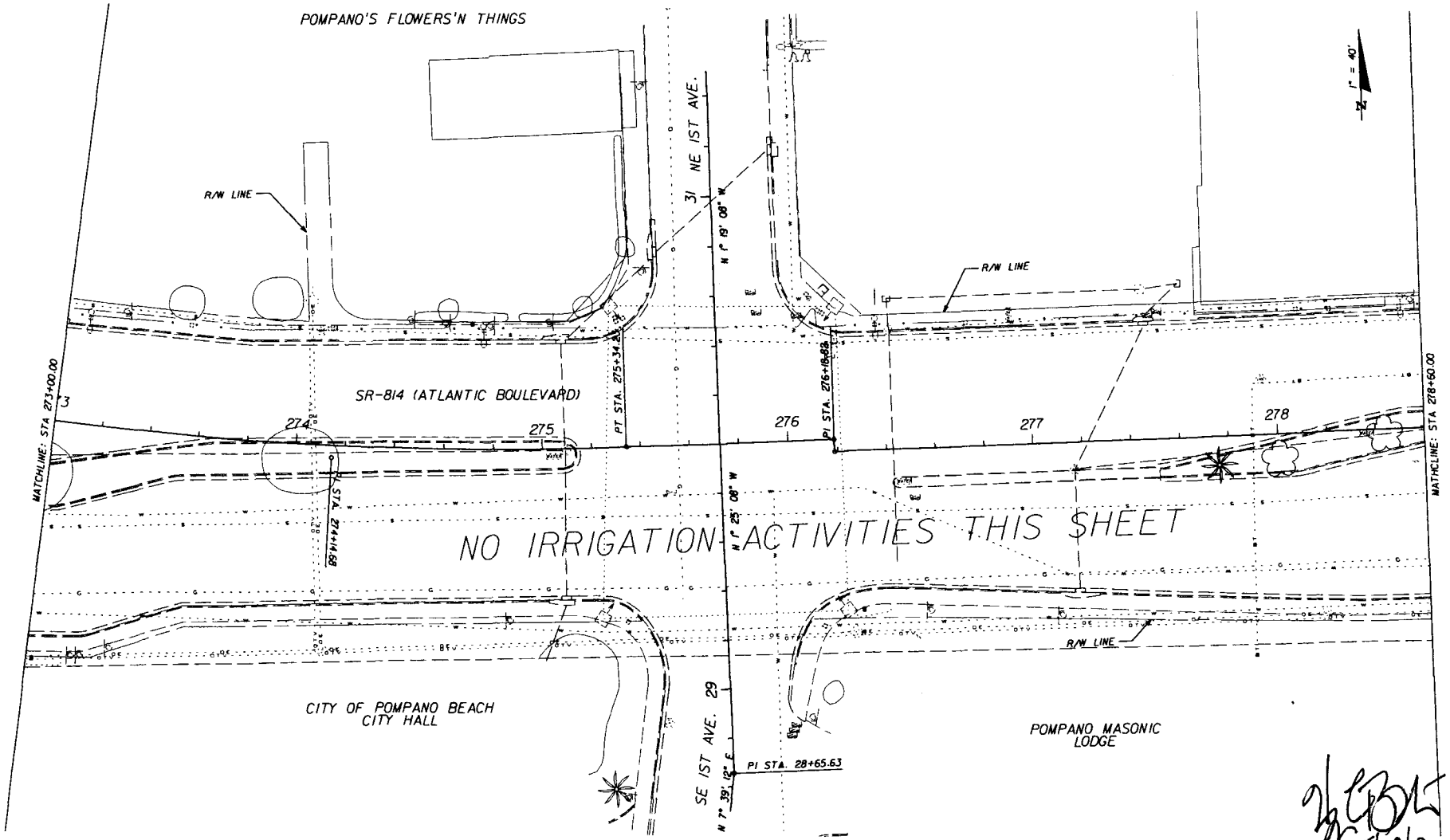

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814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-35

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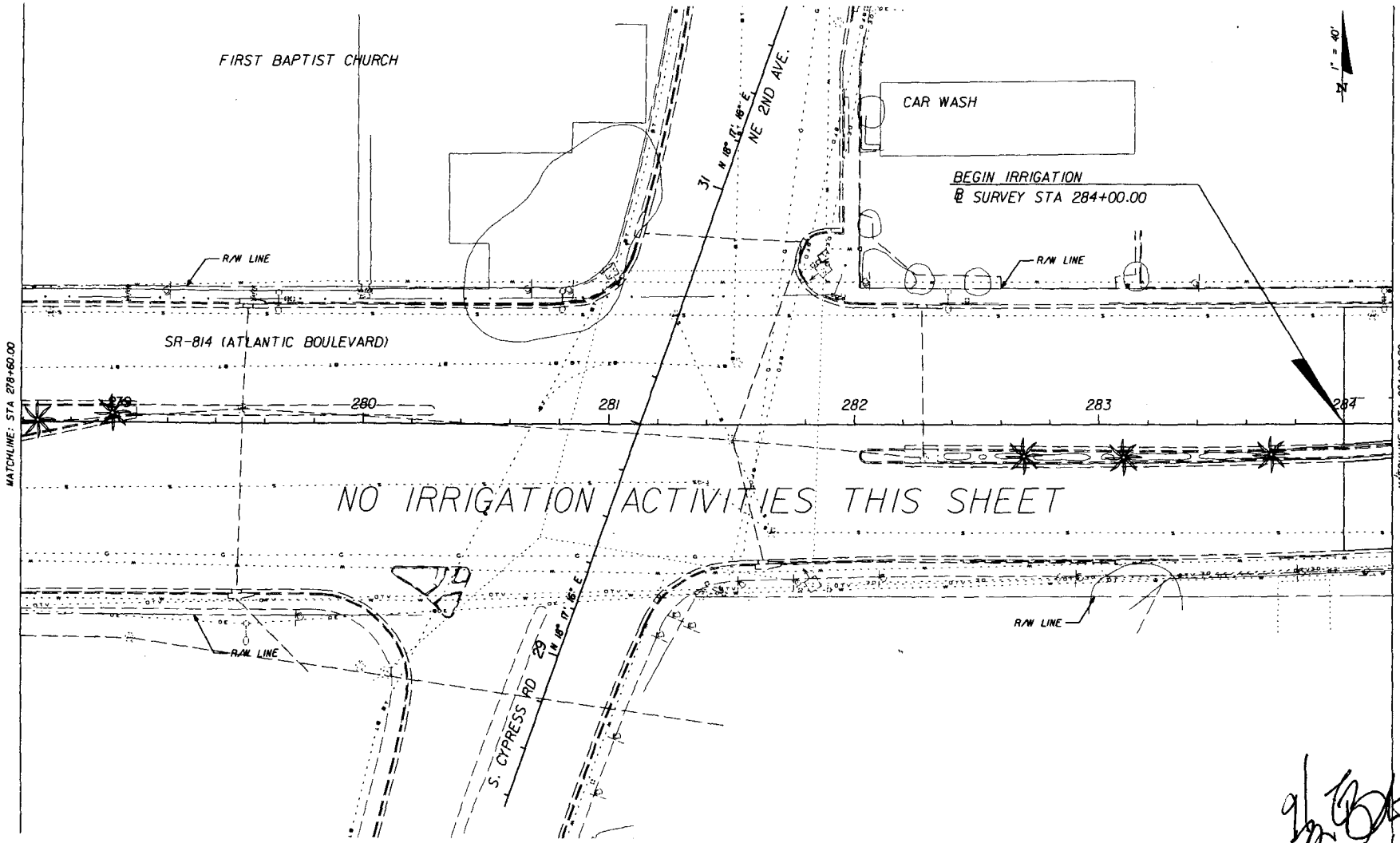

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814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO. LD-36

20358 5/15/2007 2:16:41 PM h:\Transportation\227921\520\landscape\pld01d07.dgn

NOTE: IRRIGATION MAINS AND VALVES ARE SHOWN OUTSIDE OF MEDIANS FOR GRAPHIC CLARITY PURPOSES ONLY. ALL EQUIPMENT IS TO BE INSTALLED WITHIN LANDSCAPED AREAS.

31 NE 3RD AVE.
N 1° 26' 03" W

KEITH & ASSOCIATES, INC

GARDNE

31
N 1° 24' 35" W

7 ELEVEN

1" = 40'

R/W LINE

SR-814 (ATLANTIC BOULEVARD)

MATCHLINE: STA 286+20.00

285 286 287 288 289

1/2" 3/4"

MATCHLINE: STA 286+20.00

R/W LINE

LAW BUILDING

HOUSE

29
SE 3RD AVE.
N 1° 08' 26" W

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

5/29/07

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814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-37

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1" = 40'

CAROUSEL ANTIQUES

SHOPPING PLAZA

SHELL GAS STATION

R/W LINE

ZONE 1
49 GPM

2" MAIN

EX. BACKFLOW PREVENTER
EX. WATER METER

SR-814 (ATLANTIC BOULEVARD)

MATCHLINE: STA 289+80.00

MATCHLINE: STA 295+40.00

N 1° 25' 33" W

AMERICAN INSTITUTE OF MASSAGE THERAPY

CONTRAST

SPECTRUM PROGRAMS, INC

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

5/29/07

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IRRIGATION PLANS

SHEET NO.
LD-38

20358 5/15/2007 2:16:46 PM h:\transportation\227921\520\landscp\plan\d091r.dgn

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1" = 40'

NE 7TH AVE.
N 1° 28' 52" W

R/W LINE

EX. WATER METER
EX. BACKFLOW PREVENTER

MATCHLINE: STA 295+40.00

SR-814 (ATLANTIC BOULEVARD)

EX. WATER METER TO BE REMOVED BY OTHERS

MATCHLINE: STA 301+00.00

295 297 298 299 300

ZONE 2B
34 GPM

ZONE 2A
34 GPM

1 1/2" MAIN

1 1/2" MAIN

R/W LINE

R/W LINE

DENTISTRY

SE 6TH AVE. 29
N 1° 28' 52" W

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

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IRRIGATION PLANS

SHEET NO.
LD-39

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1" = 40'

SWIFTY'S

SOUTHEAST ACCOUNTING AND TAX SERVICES

INSURANCE

ANTIQUES OF OLD POMPANO

INNOVATIVE

R/W LINE

ZONE 3A
46 GPM

ZONE 3B
49 GPM

2" MAIN

2" MAIN

2" MAIN

EX. WATER METER

EX. BACKFLOW PREVENTER

302 303 304 305 306

ZONE 3C
47 GPM

SR-814 (ATLANTIC BOULEVARD)

MATCHLINE: STA 301+00.00

MATCHLINE: STA 306+60.00

R/W LINE

R/W LINE

EXECUTIVE BUILDING

BARBER SALON

LAW OFFICE

MONOGRAPHIC PLUS

HGOS

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

5/29/07

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

PBSJ
Certificate of Authorization No. 24
Post Buckley Schuh & Jernigan, Inc., d/b/a/ PBSJ

Harry Belton, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Blvd.
Suite 100
Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-40

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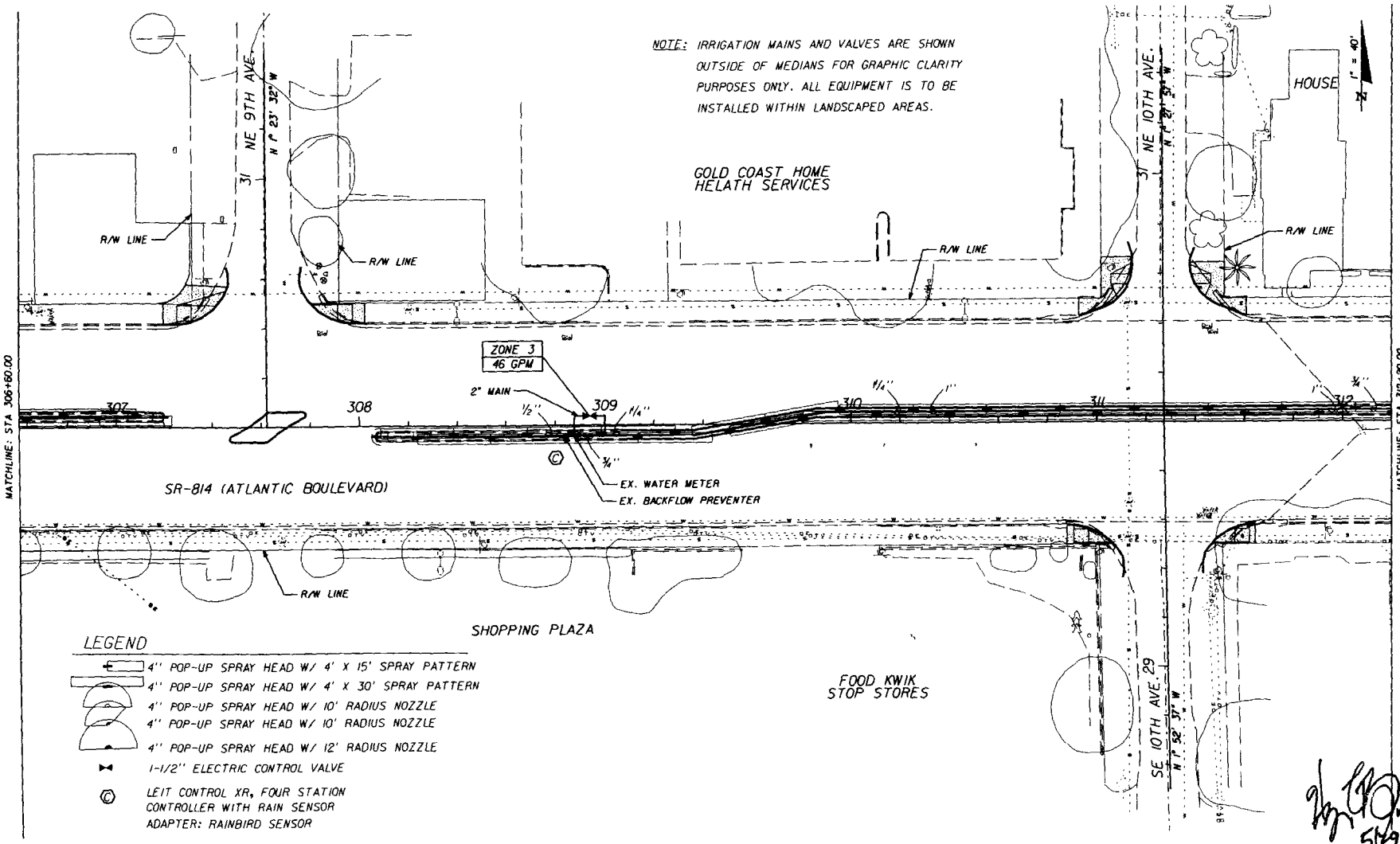

REVISIONS					
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO. LD-41

20358 5/15/2001 2:16:53 PM h:\transportation\227921\520\landscp\plan\d121r.dgn

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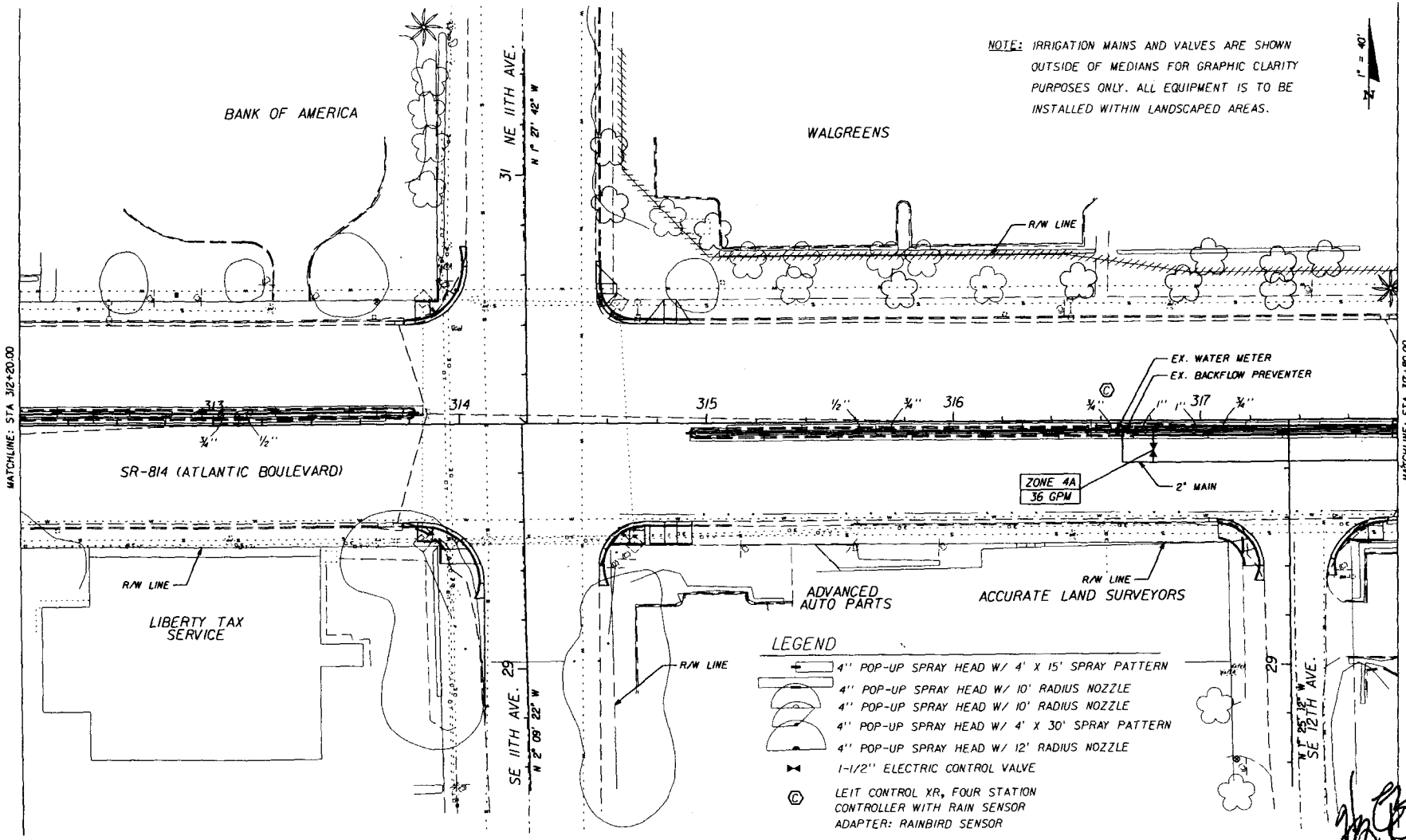

REVISIONS					
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-42

20358 5/15/2007 2:16:56 PM h:\transportation\227921\520\landscape\landd31r.dgn

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NOTE: IRRIGATION MAINS AND VALVES ARE SHOWN OUTSIDE OF MEDIANS FOR GRAPHIC CLARITY PURPOSES ONLY. ALL EQUIPMENT IS TO BE INSTALLED WITHIN LANDSCAPED AREAS.

1" = 40'

POMPANO BEACH LIBRARY

31 NE 13TH AVE.

N 1° 18' 38" W

OFFICES

BLACK DIAMOND

DAVITA DIALYSIS

R/W LINE

SR-814 (ATLANTIC BOULEVARD)

MATCHLINE: STA 317+80.00

MATCHLINE: STA 323+40.00

PI STA. 320+93.74

EX. WATER METER

318 319 320 321 322 323

2" MAIN

ZONE 4B
35 GPM

ZONE 5A
37 GPM

CHINESE RESTAURANT

SHOPPING PLAZA

FRANK FURMAN INSURANCE

SE 13TH AVE. 29

N 1° 59' 35" W

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

5/29/07

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-43

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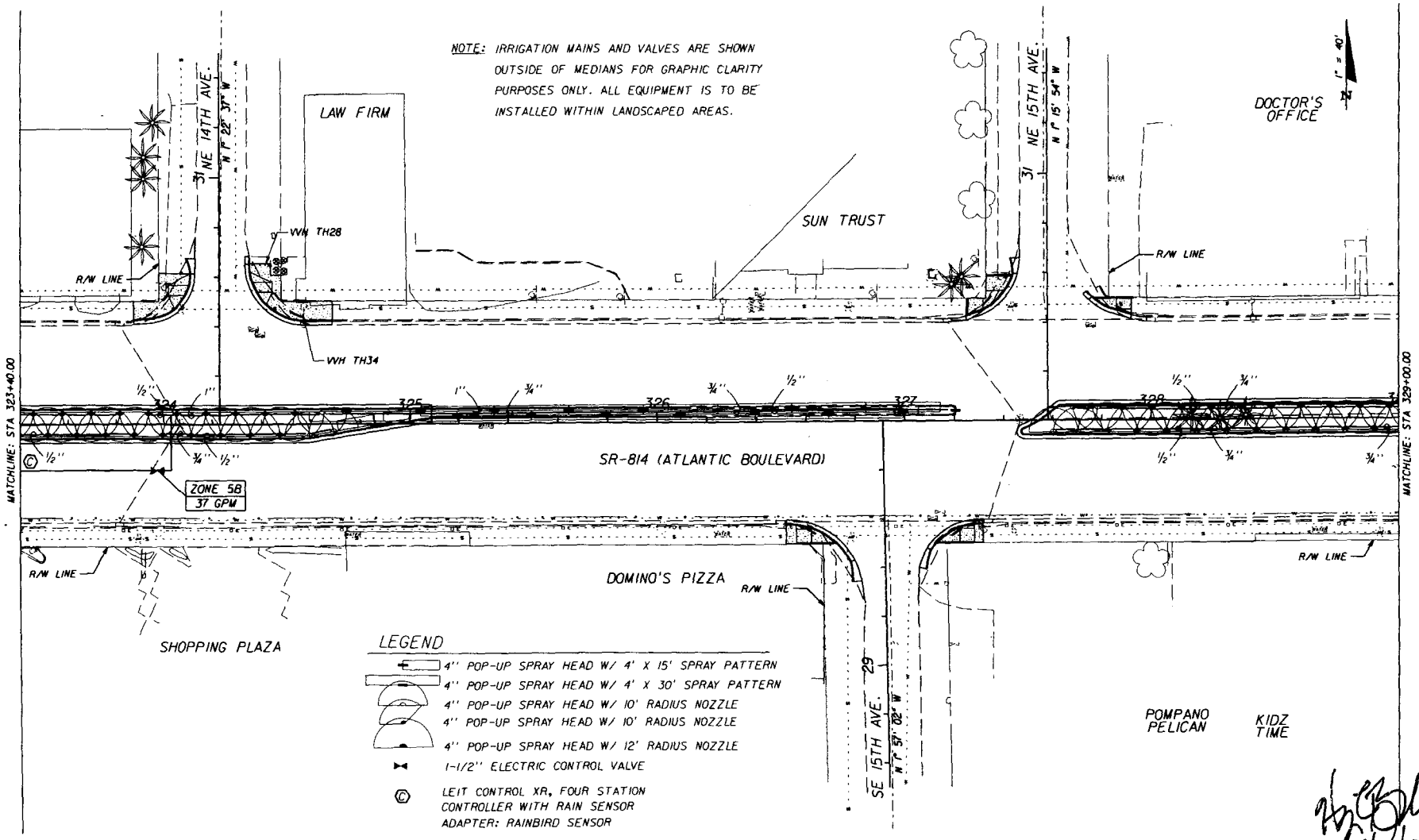

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO. LD-44

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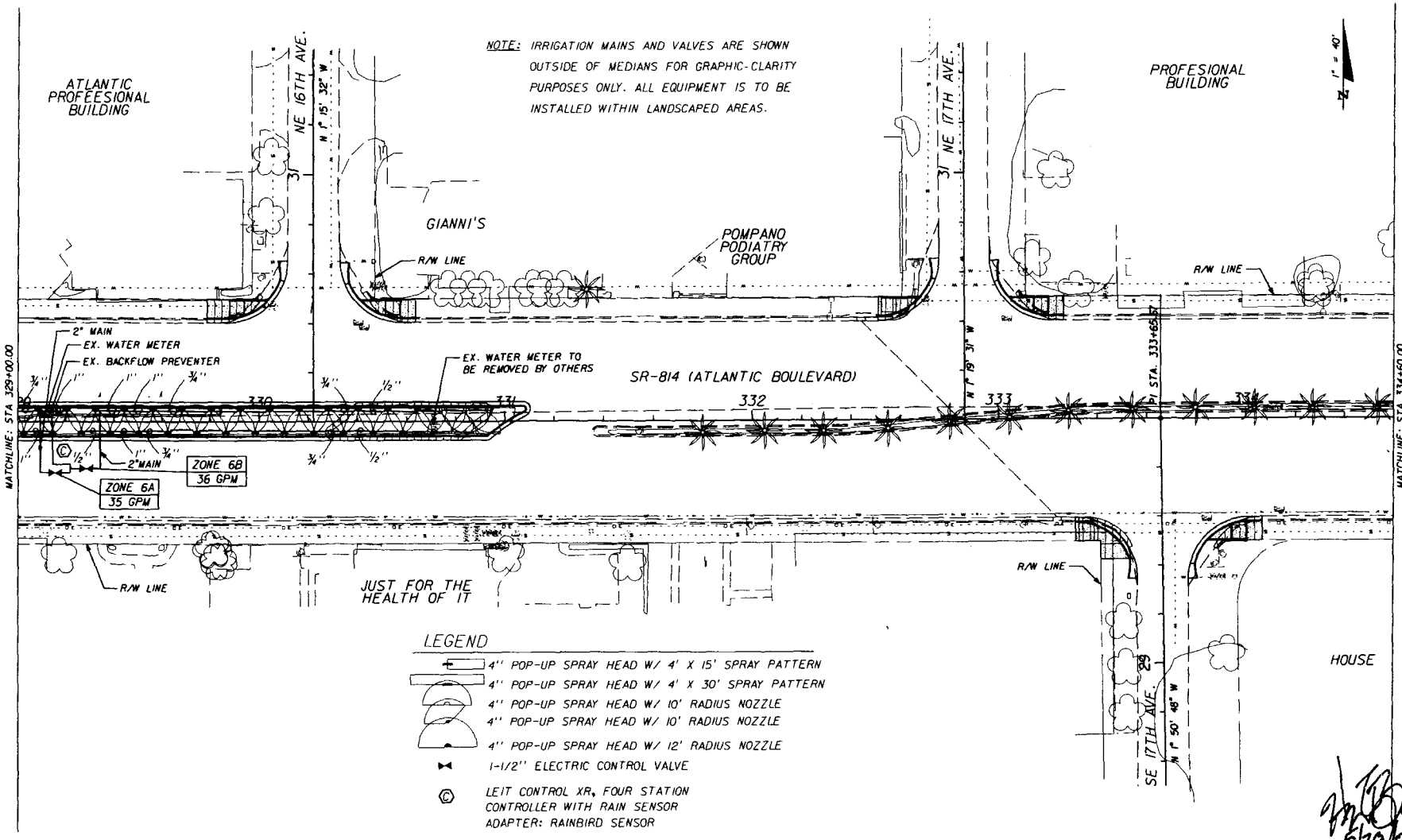

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO. LD-45

20358 5/15/2007 2:17:03 PM h:\transportation\227921\520\landscp\plan\ld61r.dgn

NOTE: IRRIGATION MAINS AND VALVES ARE SHOWN OUTSIDE OF MEDIANS FOR GRAPHIC CLARITY PURPOSES ONLY. ALL EQUIPMENT IS TO BE INSTALLED WITHIN LANDSCAPED AREAS.

1" = 40'

N

MATCHLINE: STA 334+60.00

MATCHLINE: STA 340+20.00

SE 18TH AVE. 29 — N 1° 17' 39" W

NE 18TH AVE. 31 — N 1° 17' 39" W

SE 19TH AVE. 29 — N 1° 17' 39" W

NE 19TH AVE. 31 — N 1° 17' 39" W

R/W LINE

ZONE 7
48 GPM

2" MAIN

336 337 338 339 340

1/2" 3/4" 1" 3/4" 1/2"

SR-814 (ATLANTIC BOULEVARD)

EX. WATER METER
EX. BACKFLOW PREVENTER

DANDEE DONUT FACTORY

LEGEND

- 4" POP-UP SPRAY HEAD W/ 4' X 15' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 4' X 30' SPRAY PATTERN
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 10' RADIUS NOZZLE
- 4" POP-UP SPRAY HEAD W/ 12' RADIUS NOZZLE
- 1-1/2" ELECTRIC CONTROL VALVE
- LEIT CONTROL XR, FOUR STATION CONTROLLER WITH RAIN SENSOR ADAPTER: RAINBIRD SENSOR

5/29/07

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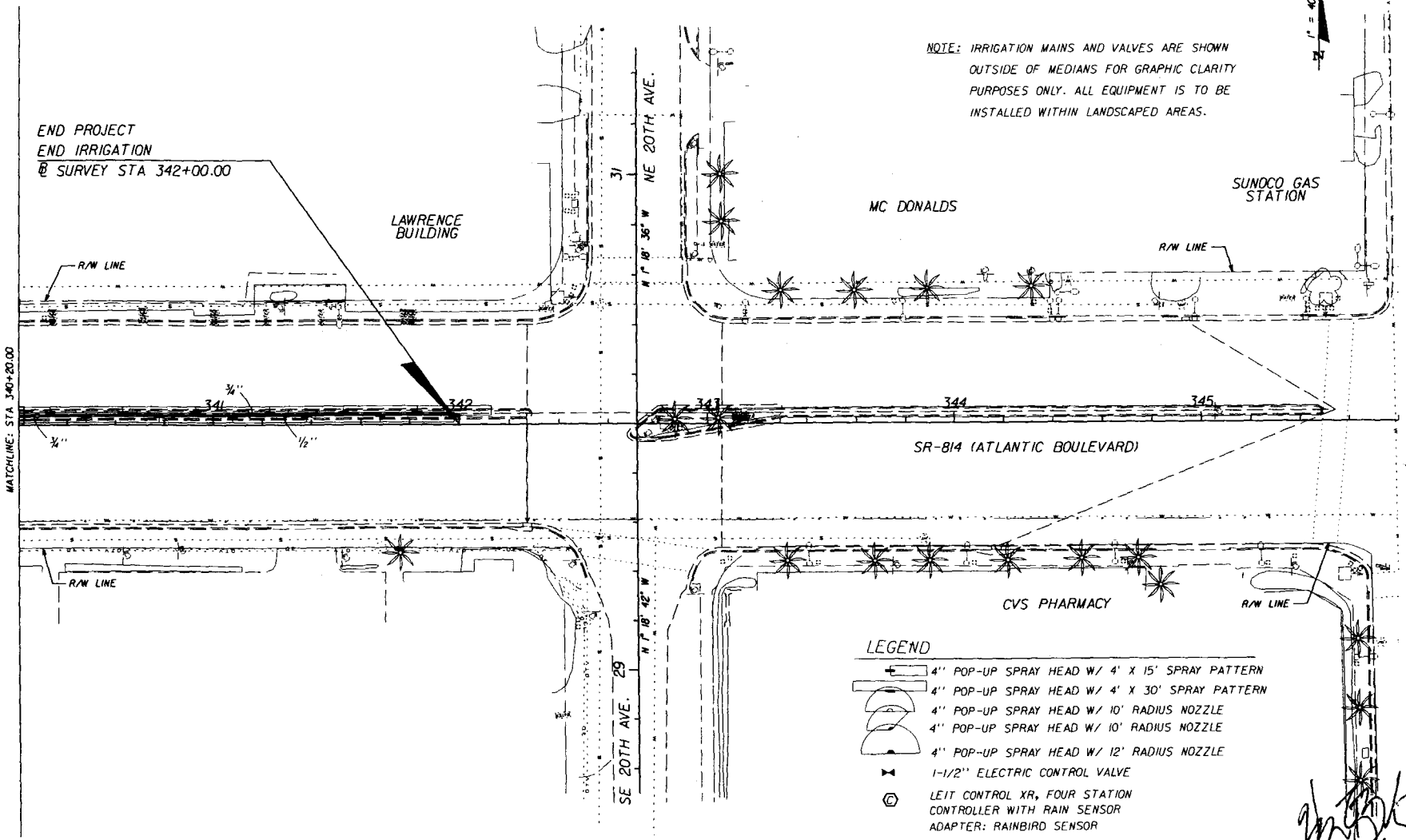
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO. LD-46

20358 5/15/2007 2:17:06 PM h:\Transportation\227921\520\landscape\land07r.dgn



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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
814	BROWARD	227921-1-52-01

IRRIGATION PLANS

SHEET NO.
LD-47

20358 5/15/2007 2:17:08 PM h:\Transportation\227921\520\landscape\plan\BIT.dgn

LANDSCAPE TABULATION OF QUANTITIES

PAY ITEM NO.	SYM	DESCRIPTION	UNIT	LD-5 PLAN	LD-5 FINAL	LD-6 PLAN	LD-6 FINAL	LD-7 PLAN	LD-7 FINAL	LD-8 PLAN	LD-8 FINAL	LD-9 PLAN	LD-9 FINAL	LD-10 PLAN	LD-10 FINAL	LD-11 PLAN	LD-11 FINAL	LD-12 PLAN	LD-12 FINAL	REF. SHEET
580-1-2		LANDSCAPE COMPLETE - Large Plants																		
	PDM	Phoenix dactylifera 'Medjool' (Medjool Date Palm)	PL	0		5		10		6		9		0		0		0		
	QV	Quercus virginiana (Live Oak)	PL	0		0		5		0		7		13		0		0		
	SP	Sabal palmetto (Cabbage Palm)	PL	0		11		5		0		19		0		0		0		

PAY ITEM NO.	SYM	DESCRIPTION	UNIT	LD-13 PLAN	LD-13 FINAL	LD-14 PLAN	LD-14 FINAL	LD-15 PLAN	LD-15 FINAL	LD-16 PLAN	LD-16 FINAL	LD-17 PLAN	LD-17 FINAL	LD-18 PLAN	LD-18 FINAL	LD-19 PLAN	LD-19 FINAL	SUBTOTAL THIS SHEET PLAN	SUBTOTAL THIS SHEET FINAL	REF. SHEET
580-1-2		LANDSCAPE COMPLETE - Large Plants																		
	PDM	Phoenix dactylifera 'Medjool' (Medjool Date Palm)	PL	0		0		0		0		0		0		0		30		
	QV	Quercus virginiana (Live Oak)	PL	0		0		6		6		0		0		0		37		
	SP	Sabal palmetto (Cabbage Palm)	PL	0		0		0		0		3		3		0		41		

11/9/05

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1989
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE TABULATION OF QUANTITIES

SHEET NO. LD-2

LANDSCAPE TABULATION OF QUANTITIES

PAY ITEM NO.	SYM	DESCRIPTION	UNIT	SHEET NUMBERS LD-20 PLAN	LD-20 FINAL	LD-21 PLAN	LD-21 FINAL	LD-22 PLAN	LD-22 FINAL	LD-23 PLAN	LD-23 FINAL	LD-24 PLAN	LD-24 FINAL	REF. SHEET
580-1-2		LANDSCAPE COMPLETE - Large Plants												
	PDM	Phoenix dactylifera 'Medjool' (Medjool Date Palm)	PL	3		0		5		6		0		
	QV	Quercus virginiana (Live Oak)	PL	0		0		0		0		0		
	SP	Sabal palmetto (Cabbage Palm)	PL	0		0		0		1		0		

PAY ITEM NO.	SYM	DESCRIPTION	UNIT	SHEET NUMBERS	SUBTOTAL THIS SHEET PLAN	SUBTOTAL THIS SHEET FINAL	GRAND TOTAL PLAN	GRAND TOTAL FINAL	REF. SHEET
580-1-2		LANDSCAPE COMPLETE - Large Plants							
	PDM	Phoenix dactylifera 'Medjool' (Medjool Date Palm)	PL		14		44		
	QV	Quercus virginiana (Live Oak)	PL		0		37		
	SP	Sabal palmetto (Cabbage Palm)	PL		1		42		

11/9/05

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
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RONALD L. URBANIAK, RLA
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE TABULATION OF QUANTITIES

SHEET NO. LD-3

LANDSCAPE PAY ITEM NOTES

580-1-2 A) FURNISH ALL EQUIPMENT, MATERIALS, LABOR, DISPOSAL, AND INCIDENTALS NECESSARY TO COMPLETE LANDSCAPE INSTALLATION, INCLUDING BED PREPARATION, PLANTING SOIL AMENDMENTS, FERTILIZERS, SOIL INOCULANTS, TREE PLANTING, MULCHING, HERBICIDE AND PESTICIDE APPLICATIONS, AND MAINTENANCE.

B) BED PREPARATION: PREPARE ALL TREE RINGS AND PLANT BEDS PRIOR TO PLANTING. REMOVE ALL VEGETATION AND EXCAVATE EXISTING SOIL WITHIN THE LIMITS OF ALL TREE RINGS AND PLANT BEDS TO A DEPTH OF 6" FROM THE TOP OF EXISTING GRADE, AND REPLACE IT WITH NEW PLANTING SOIL. DURING BED PREPARATION AND PLANTING PIT EXCAVATIONS, REMOVE ALL ROAD BASE, PAVEMENT, SHELL ROCK, AND OTHER DEBRIS THAT IS NOT SUITABLE FOR PLANTING. SCARIFY ALL COMPACTED SOIL WITHIN PLANTING AREAS AND CHECK FOR POSITIVE VERTICAL DRAINAGE PRIOR TO PLANTING.

C) NEW PLANTING SOIL TO BE FRIABLE LOAM, TYPICAL OF CULTIVATED LOCAL TOPSOIL, CONTAINING AT LEAST 5% DECAYED ORGANIC MATTER, TAKEN FROM WELL-DRAINED ARABLE SITES, AND REASONABLY FREE OF WEEDS, SUBSOIL, STONES, CLODS, ROOTS, AND OTHER OBJECTIONABLE EXTRANEOUS MATTER OR DEBRIS. SOIL SHALL CONTAIN NO TOXIC SUBSTANCES AND SHALL BE WITHIN THE RANGE OF pH 6.0 TO pH 7.0. PROVIDE INDEPENDENT VERIFICATION TO THE ENGINEER THAT NEW PLANTING SOIL IS WITHIN THESE PARAMETERS.

D) FORM A 6-FOOT DIAMETER BY 6" HIGH EARTHEN SAUCER AROUND EACH PLANT TO HOLD IRRIGATION AND RAIN WATER. MAINTAIN SAUCER FOR THE ENTIRE MAINTENANCE AND WARRANTY PERIOD.

E) INSTALL A 3" MIN. LOOSE LAYER OF FLORAMULCH OVER THE TOP OF ALL TREE BEDS AND TREE RINGS.

F) ALL TREES SHALL RECEIVE A MOISTURE RETENTIVE SOIL ADDITIVE, SODIUM BASE POLYMER, 0.5-2.8 mm PARTICLE SIZE, APPLIED IN THE MANNER AND QUANTITY RECOMMENDED BY THE MANUFACTURER.

G) ALL TREES SHALL RECEIVE MYCORRHIZAE SOIL INNOCULANT TABLETS DURING PLANTING. SOIL INNOCULANT TABLETS SHALL BE APPLIED IN THE MANNER AND QUANTITY RECOMMENDED BY THE MANUFACTURER.

H) CONTRACTOR IS RESPONSIBLE FOR INSTALLING AT TIME OF PLANTING AND REMOVING AND DISPOSING OF ALL STAKING MATERIALS AT THE END OF THE ONE-YEAR MAINTENANCE AND WARRANTY PERIOD.

I) FERTILIZER SHALL BE 20-10-5, 21-GRAM PLANTING TABLETS, PLACED PER MANUFACTURER'S INSTRUCTIONS. THE FOLLOWING RATES SHALL BE USED:

LIVE OAKS:	36 TABLETS
DATE PALMS:	30 TABLETS
CABBAGE PALMS:	10 TABLETS

J) PROVIDE SCHEDULE OF VALUES FOR ALL PLANT ITEMS PRIOR TO COMMENCEMENT OF WORK. PER PLANT VALUES SHALL INCLUDE PLANTING, FERTILIZING, SOIL INNOCULANTS, WATERING, AND MAINTAINING PER PLANT SCHEDULE NOTES, AND LANDSCAPE DETAILS IN STANDARD INDEX 544.

K) ALL SUPPLEMENTAL WATER AND WATERING REQUIRED IS INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR THE DESIGNATED PLANT ITEMS. NO SEPARATE PAYMENT WILL BE MADE.

L) PAYMENT FOR ALL THE ABOVE LANDSCAPE WORK, INCLUDING BED PREPARATION, UNSUITABLE SOIL REMOVAL, AND NEW PLANTING SOIL, SHALL BE MADE ON A LUMP SUM BASIS UNDER THE PAY ITEM NO. 580-1-2 "LANDSCAPE COMPLETE - LARGE PLANTS", AND NO OTHER SEPARATE PAYMENT SHALL BE MADE.

GENERAL NOTES

1) THE MAINTAINING AGENCY FOR THIS LANDSCAPE PROJECT IS BROWARD COUNTY.

2) SOME EXISTING TREES ARE IMPACTED BY THIS ROAD CONSTRUCTION PROJECT AND TREE REMOVAL PERMITS HAVE BEEN APPLIED FOR.

3) EXISTING BILLBOARDS HAVE BEEN TENTATIVELY LOCATED ON THE PLANS WITH 500-FOOT VIEWZONES INDICATED. VIEWZONES WITH CONFLICTING TREES WILL BE NEGOTIATED WITH THE BILLBOARD COMPANIES PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY BILLBOARD LOCATIONS AND STAKE WHERE VIEWZONE LIMITS INTERSECT THE RIGHT-OF-WAY LINE.

11/9/05

PLANT SCHEDULE

SYM	QTY	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	SPACING	PAY SIZE	DROUGHT TOLERANT	NATIVE	MATURE HEIGHT
PDM	44	PHOENIX DACTYLIFERA 'MEDJOOL'	MEDJOOL DATE PALM	FG; 10'-12' C.T.; MATCHED WITHIN GROUPS	40' O.C.	LARGE	YES	NO	70'
QV	37	QUERCUS VIRGINIANA	LIVE OAK	100 GAL; 15'-16' x 8'-10'; 4"-5" CAL	40' O.C.	LARGE	YES	YES	60'
SP	42	SABAL PALMETTO	CABBAGE PALM	FG; 14'-16' HT	10' O.C.	LARGE	YES	YES	60'

REVISIONS					
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LANDSCAPE ARCHITECTS
33 EAST PINE STREET
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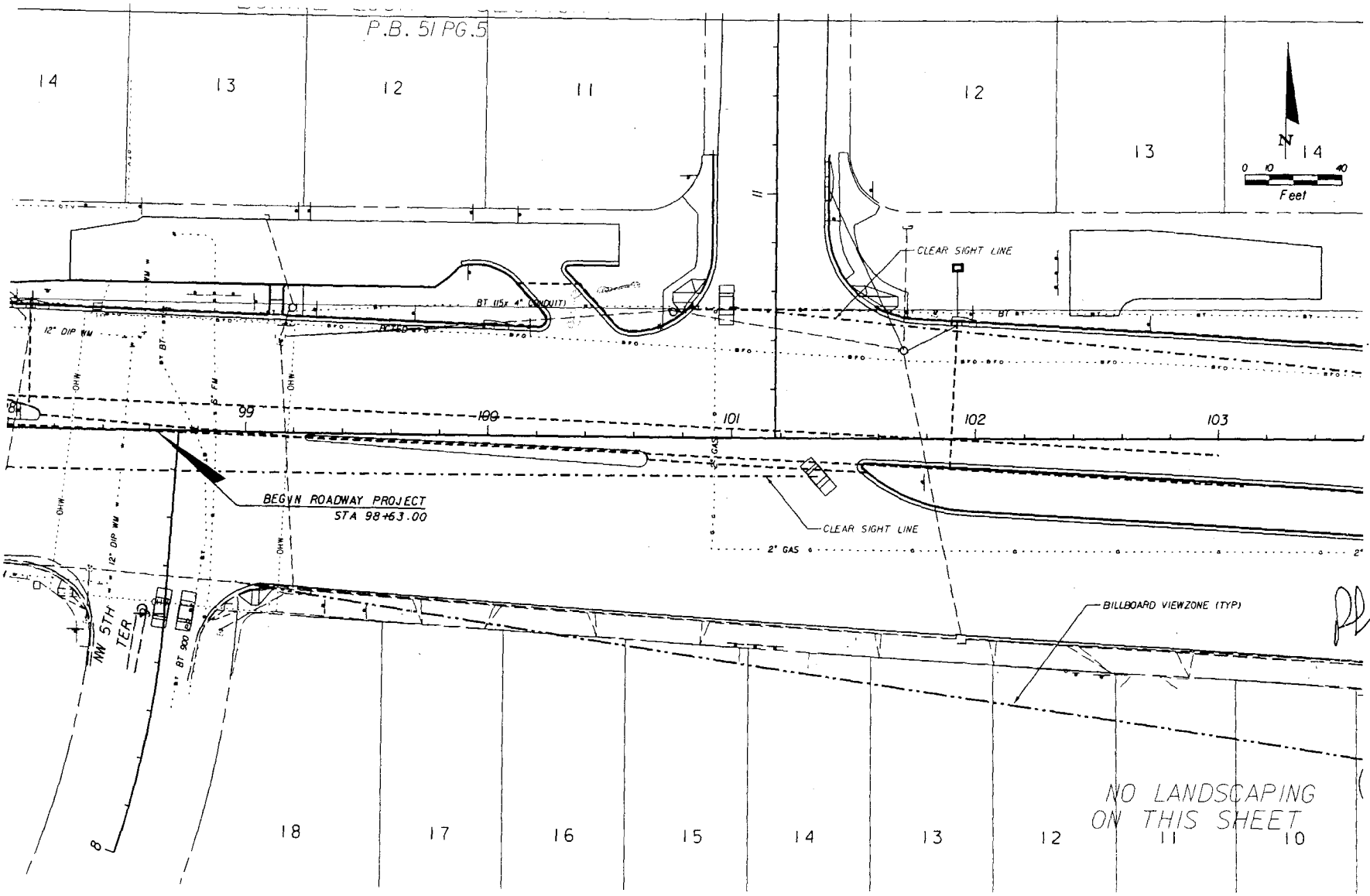
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-C000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE NOTES AND PLANT SCHEDULE

LD-4



11/9/05

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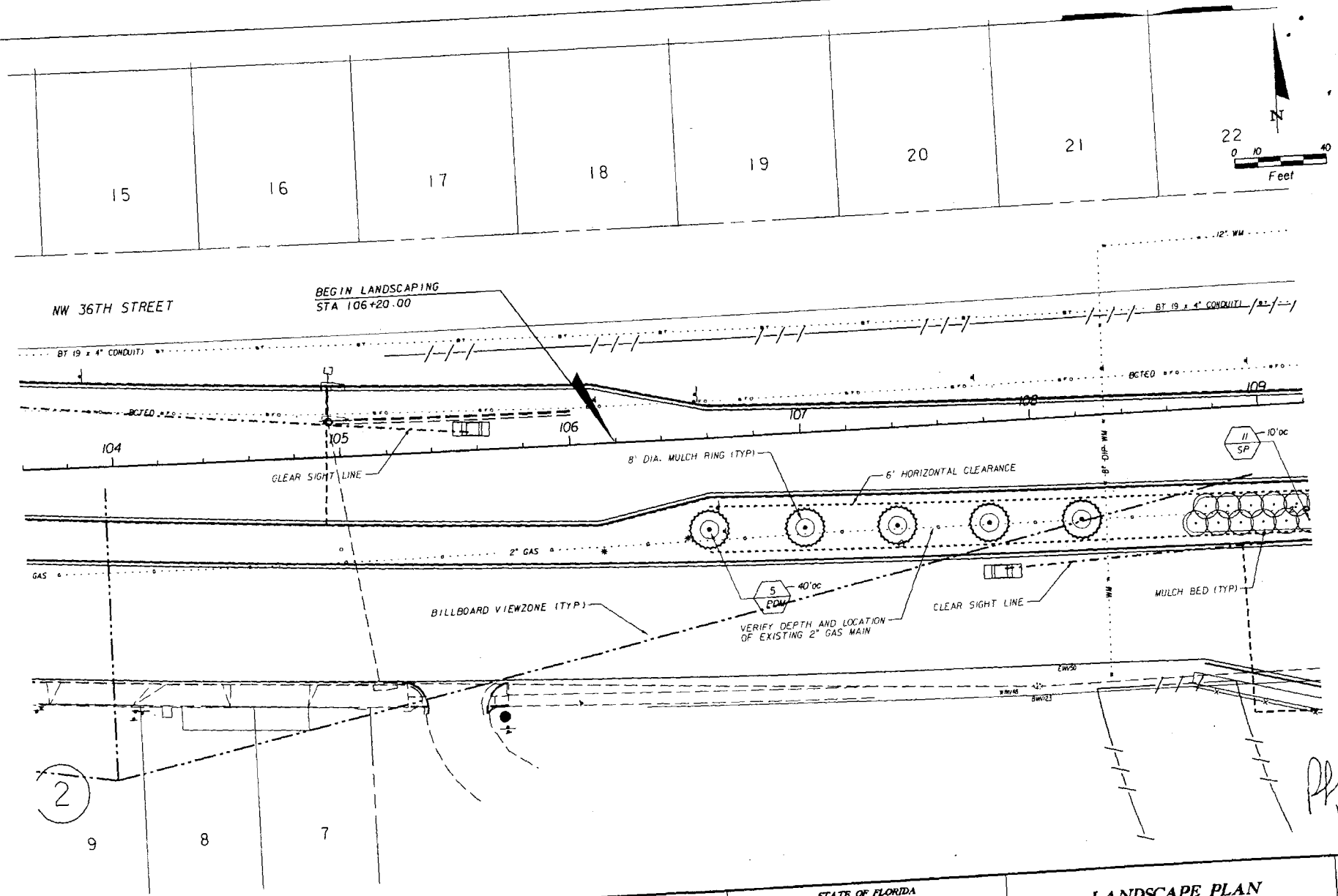
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 98+63 TO STA 103+60

LD-5



Pl 11/9/05

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FL. LIC. LA-0000529

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID.
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 103+60 TO STA 109+20

LD-6

P.B. 50 PG. 16

24' HORIZONTAL CLEARANCE

8' DIA. MULCH RING (TYP)

5 QV — 20'oc

(2-1/2" CONDUIT)

12" WM

12" DIP WM

CATV

PC STA. 54+80

MANHOLE

POT STA. 30+00.00

6' HORIZONTAL CLEARANCE

MULCH BED (TYP)

VERIFY DEPTH AND LOCATION OF EXISTING 3" GAS MAIN

5 PDM — 40'oc

CLEAR SIGHT LINE

5 SP — 10'oc

8' DIA. MULCH RING (TYP)

3" GAS

OE

OE 13 KV

N

0 10 40

Feet

4/9/05

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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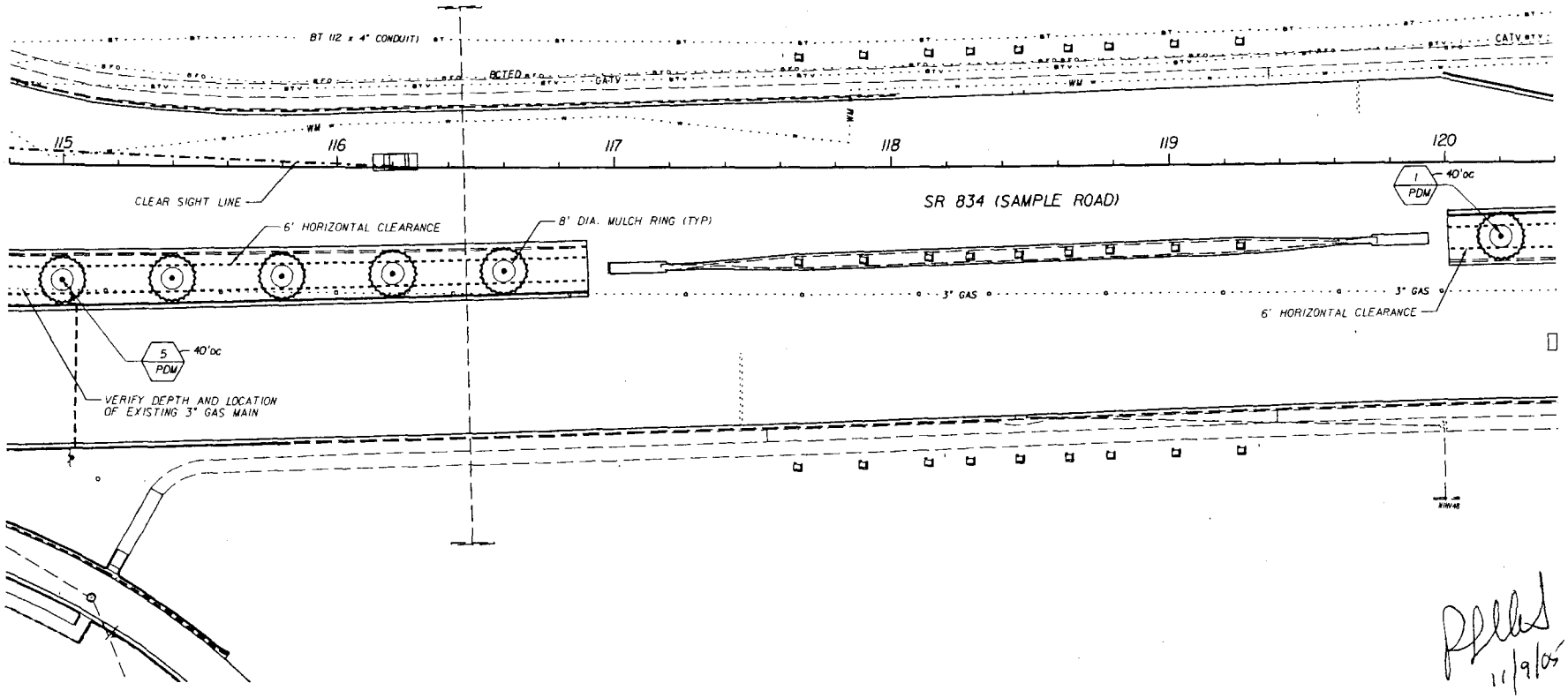
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 109+20 TO STA 114+80

LD-7



11/9/05

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

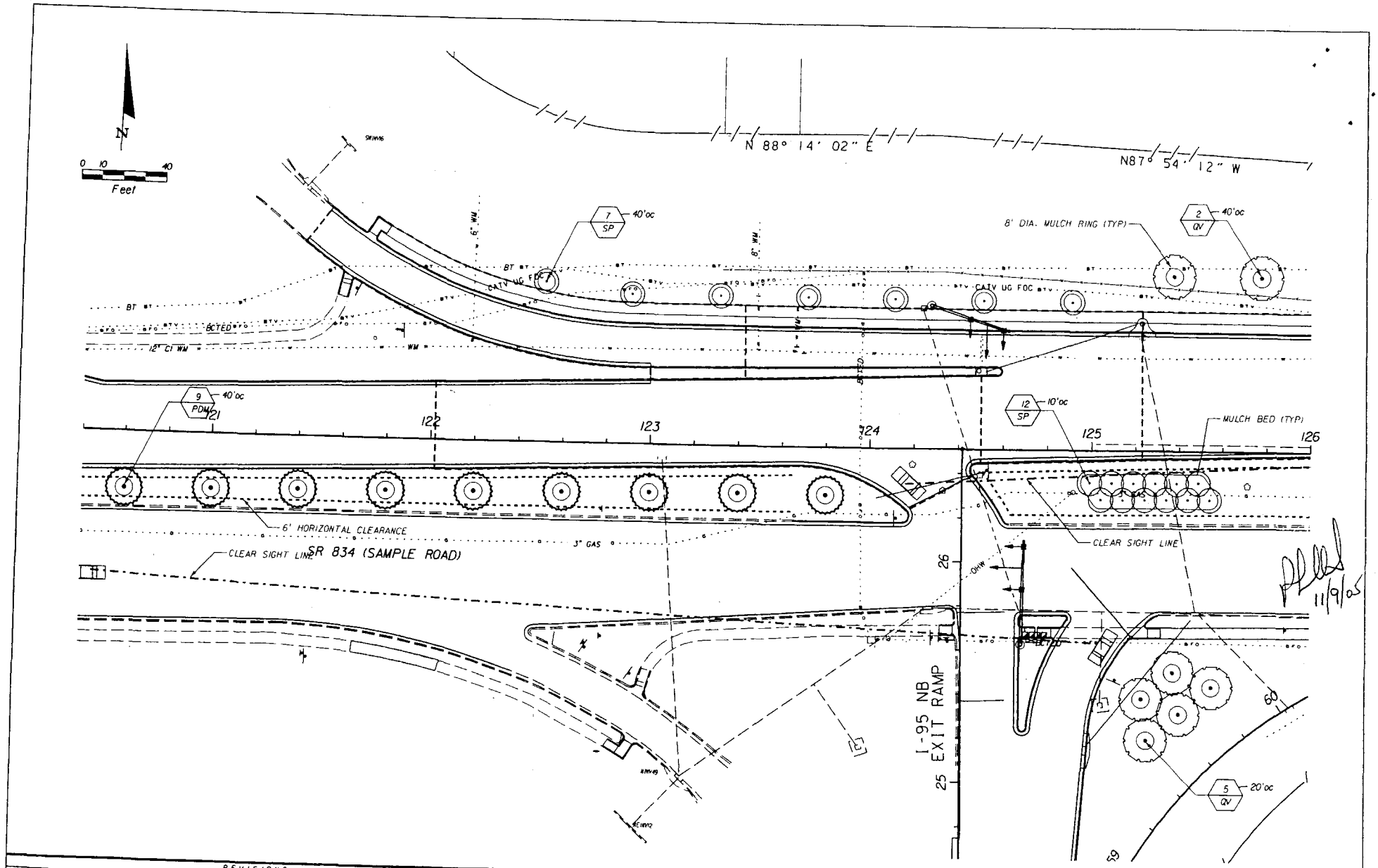
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE:(407) 843-6552
FAX:(407) 839-1189
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 114+80 TO STA 120+40

LD-8



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LANDSCAPE ARCHITECTS
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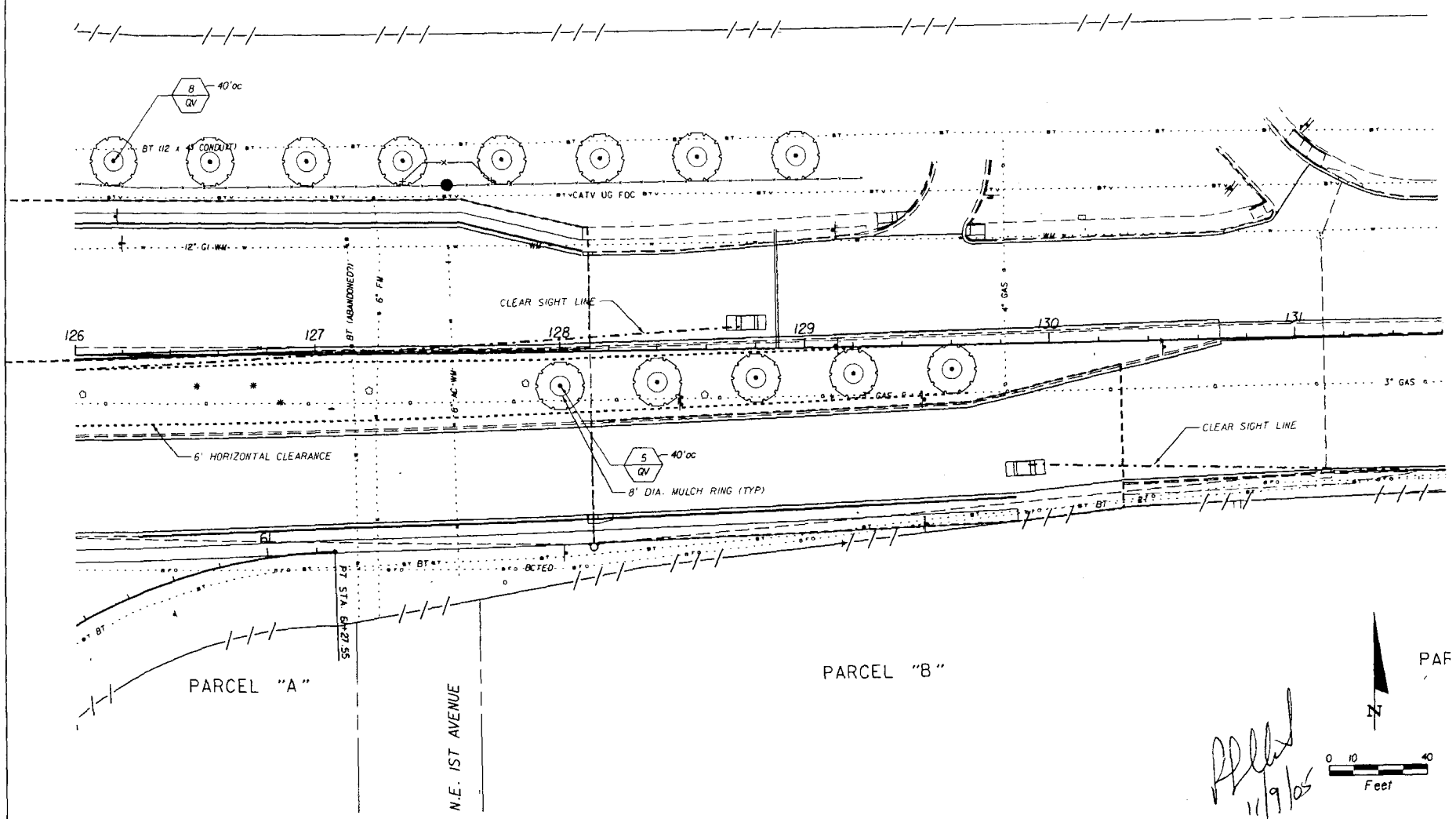
FAX: (407) 839-1789
FL. LIC. LC-0000049
RONALD L. URBANIAK, FLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 120+40 TO STA 126+00

LD-9



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
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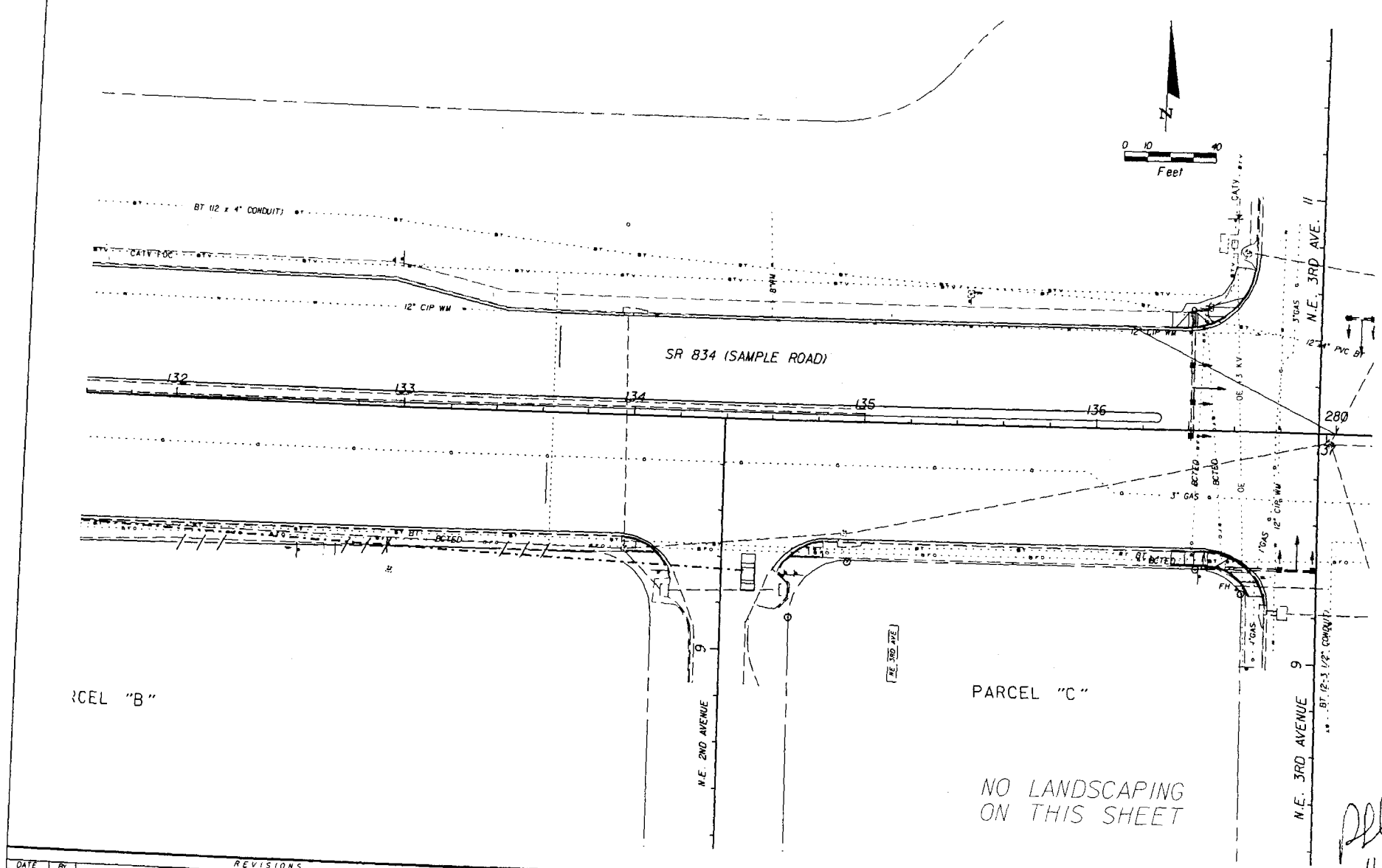
RONALD L. URBANIAK, PLA
FL. LIC. LA-0000525

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 126+00 TO STA 131+60

LD-10



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
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FL. LIC. LA-0000525

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 131+60 TO STA 280+20

LD-11

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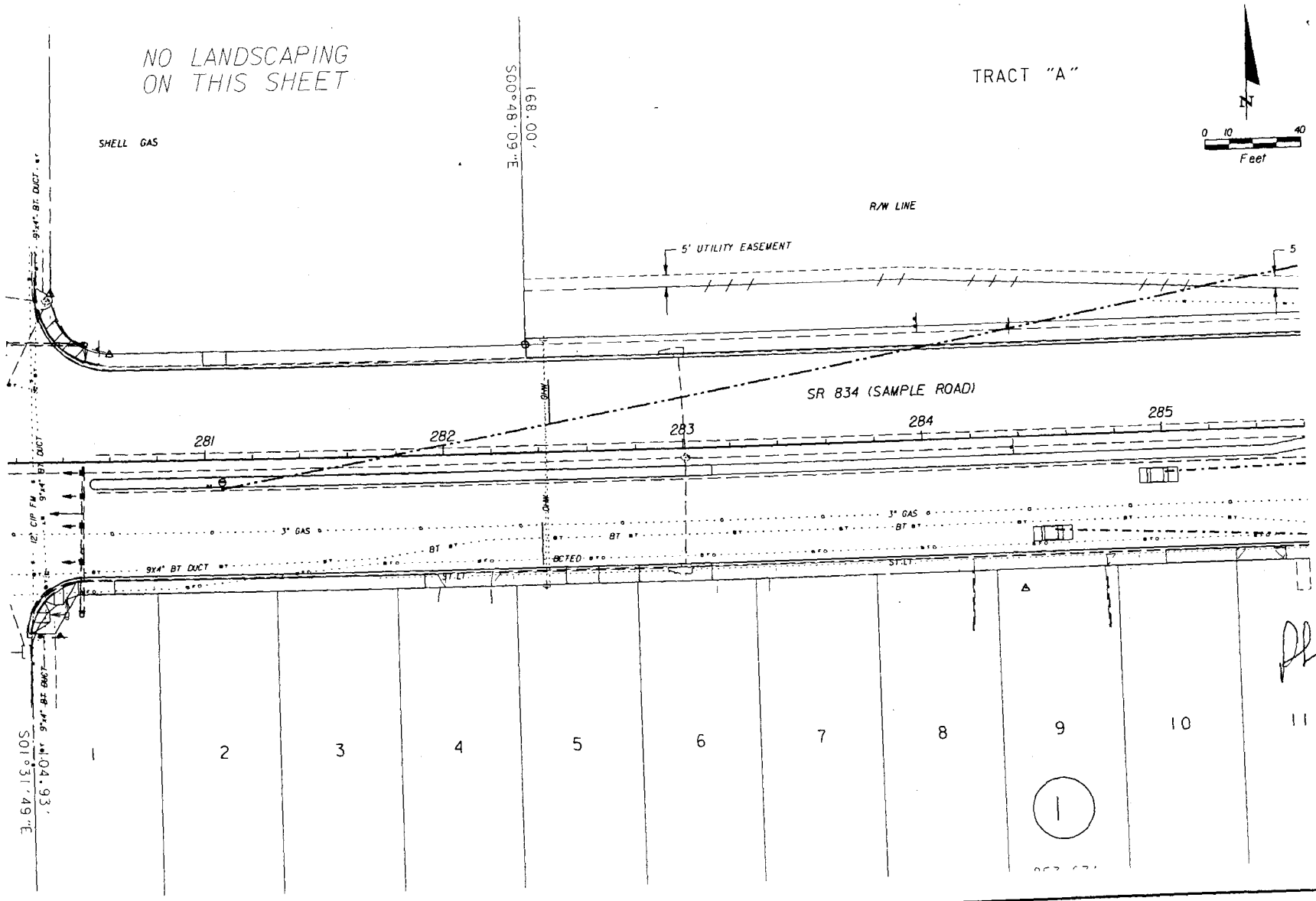

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LANDSCAPE ARCHITECTS
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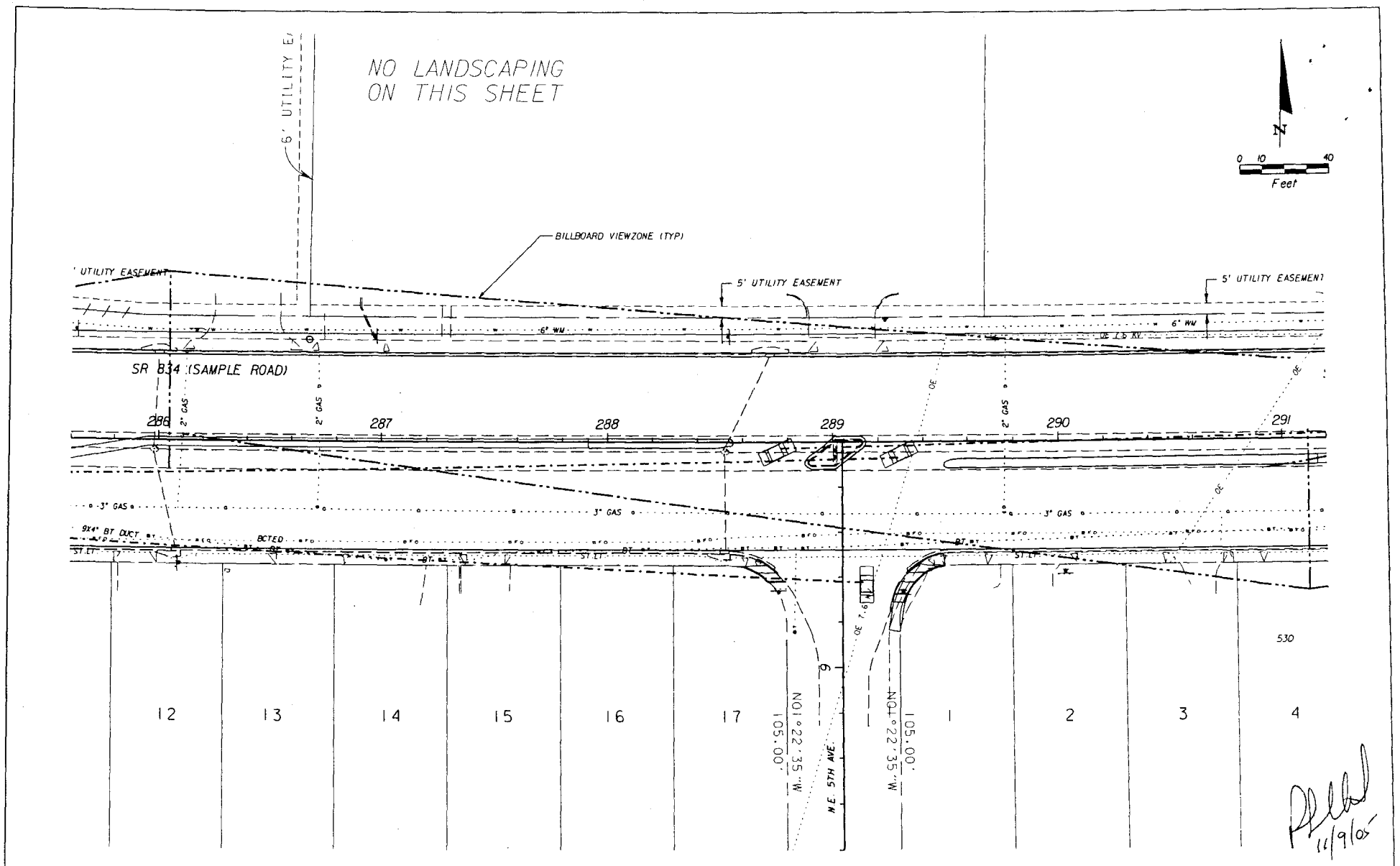
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 280+20 TO STA 285+60

LD-12



11/9/05

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LANDSCAPE ARCHITECTS
33 EAST PINE STREET
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FL. LIC. LC-0000049
RONALD L. URBANIAK, PLA
FL. LIC. LA-0000525

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 285+60 TO STA 291+20

T

LD-13

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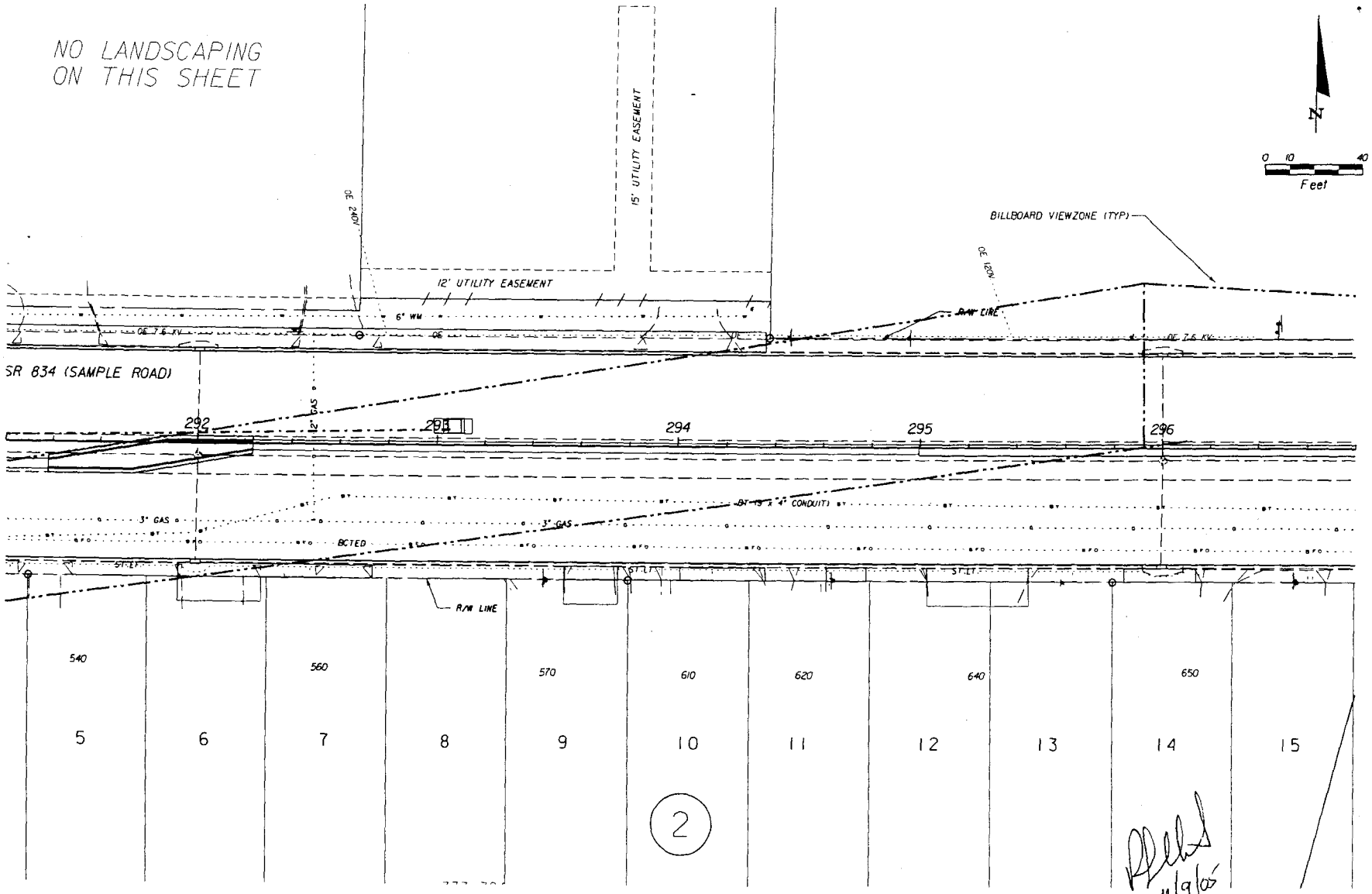

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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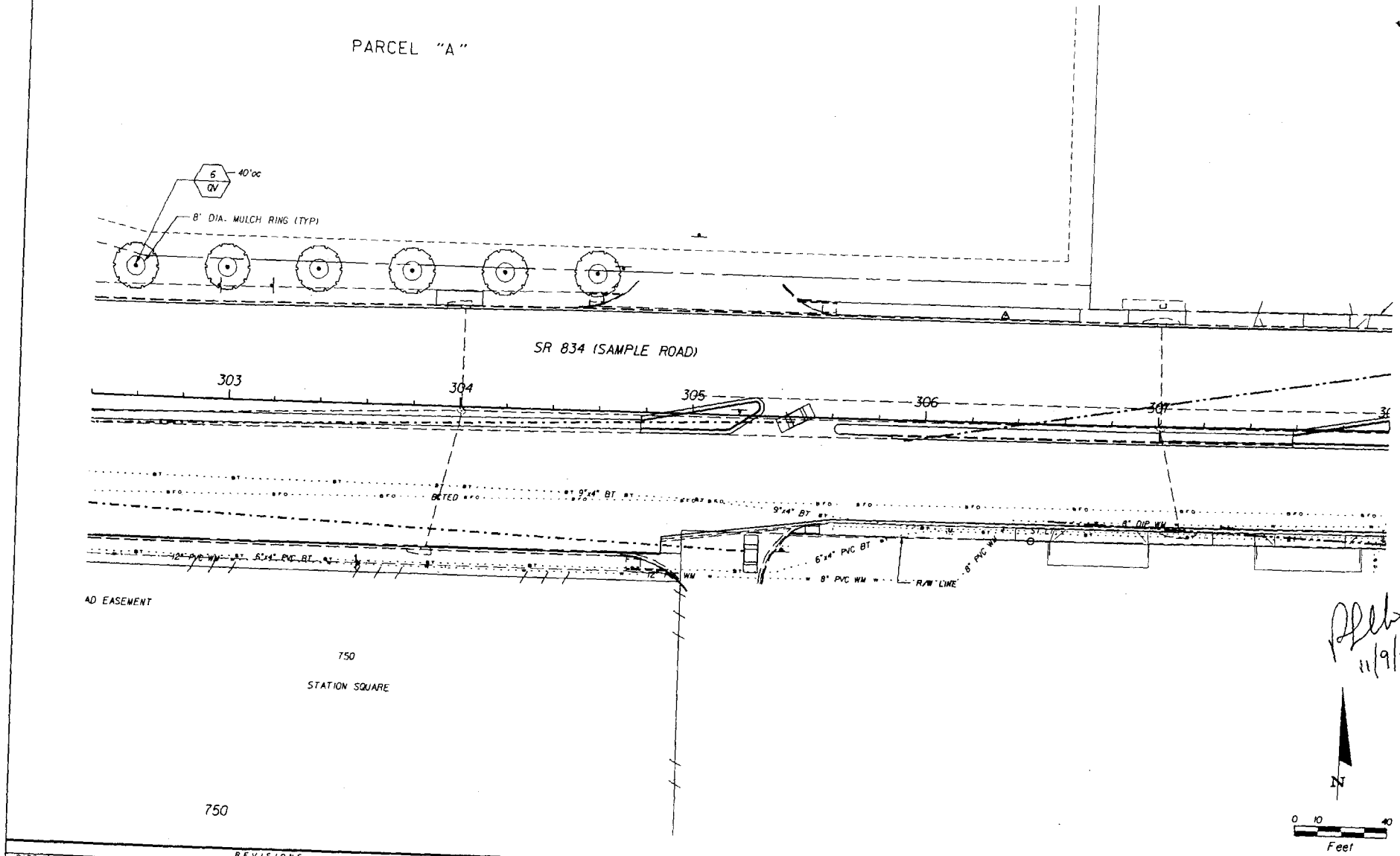
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000525

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 291+20 TO STA 296+80

SHEET NO.
LD-14



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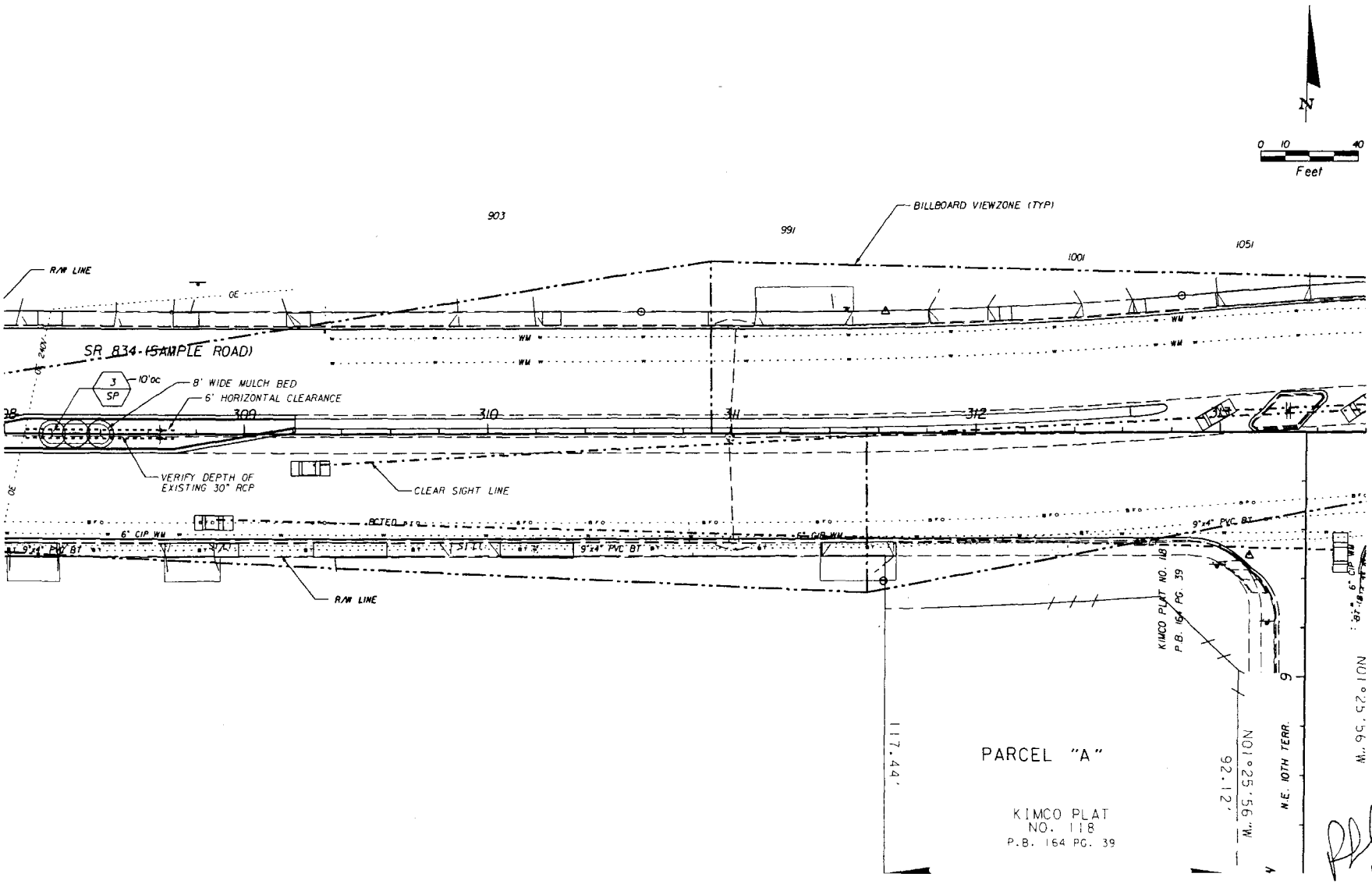
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-0000349
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000525

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 302+40 TO STA 308+00

NO.
LD-16



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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

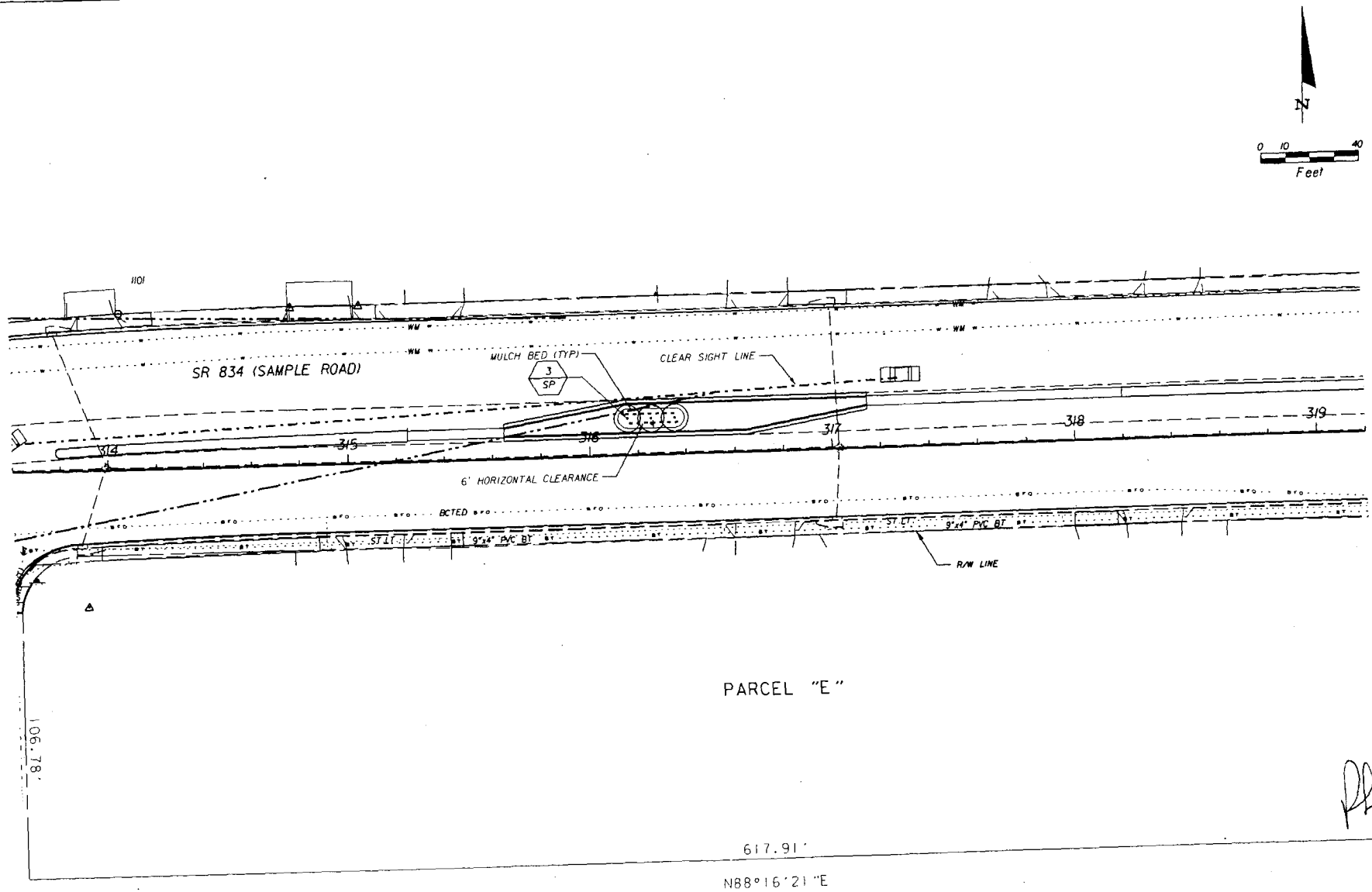
GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-7785
F.L.L.C. LC-C000049
RONALD L. URBANIAK, RLA
F.L.L.C. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 308+00 TO STA 313+60

S. NO.
LD-17



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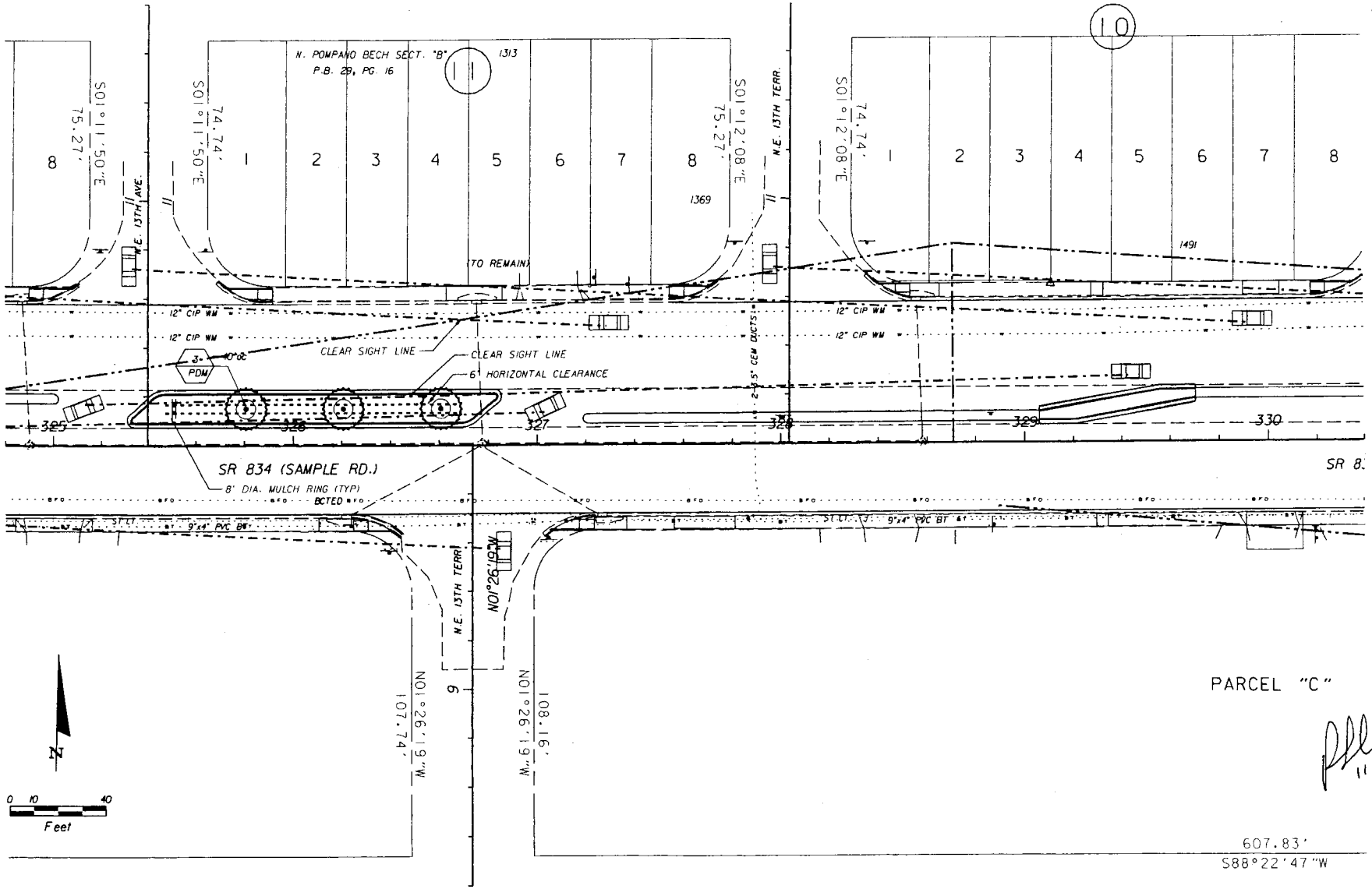
GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1189
FL. LIC. LE-C000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 313+60 TO STA 319+20

NO.
LD-18



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GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1785
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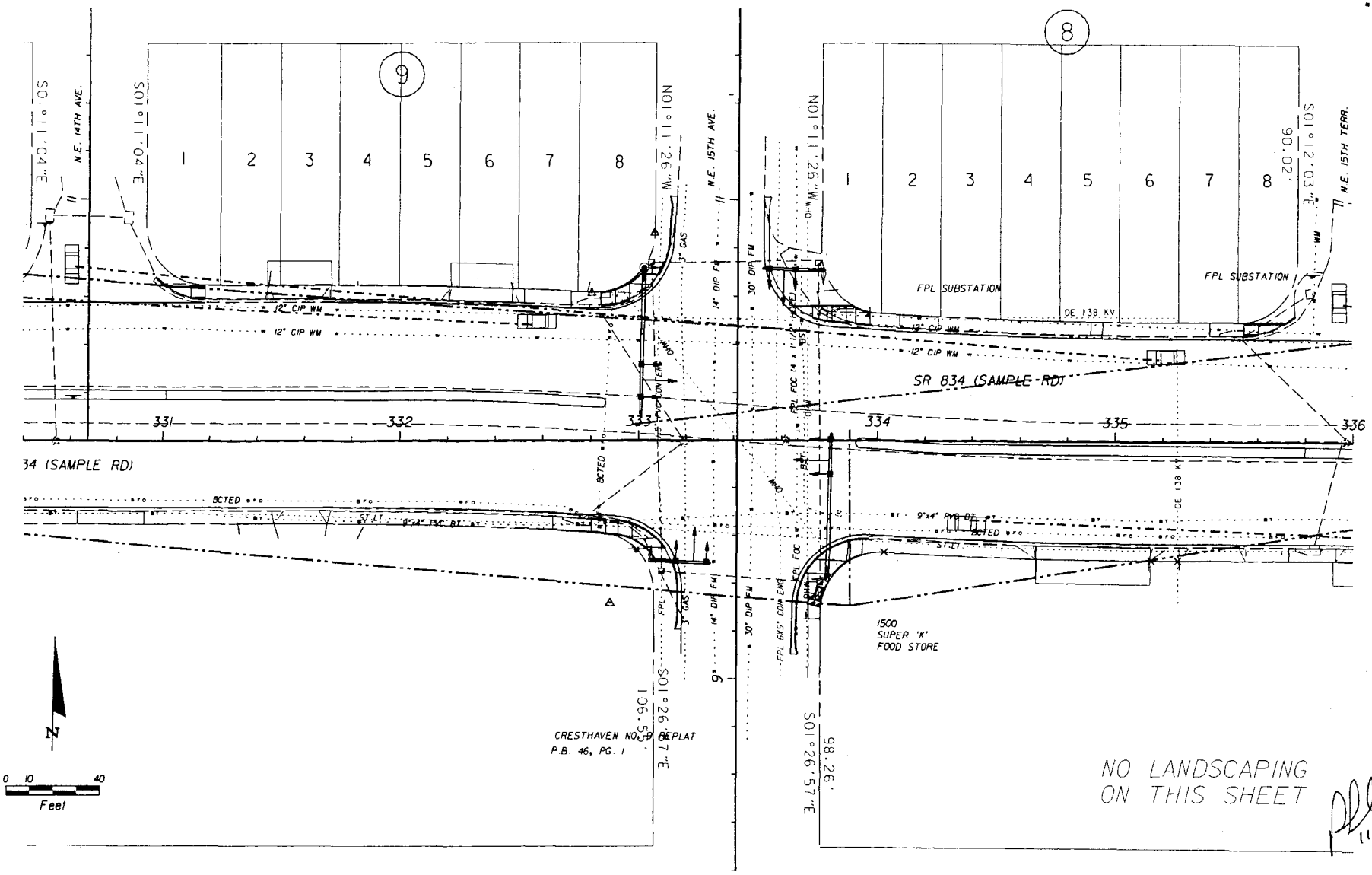
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 324+80 TO STA 330+40

SHEET NO.
LD-20



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GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

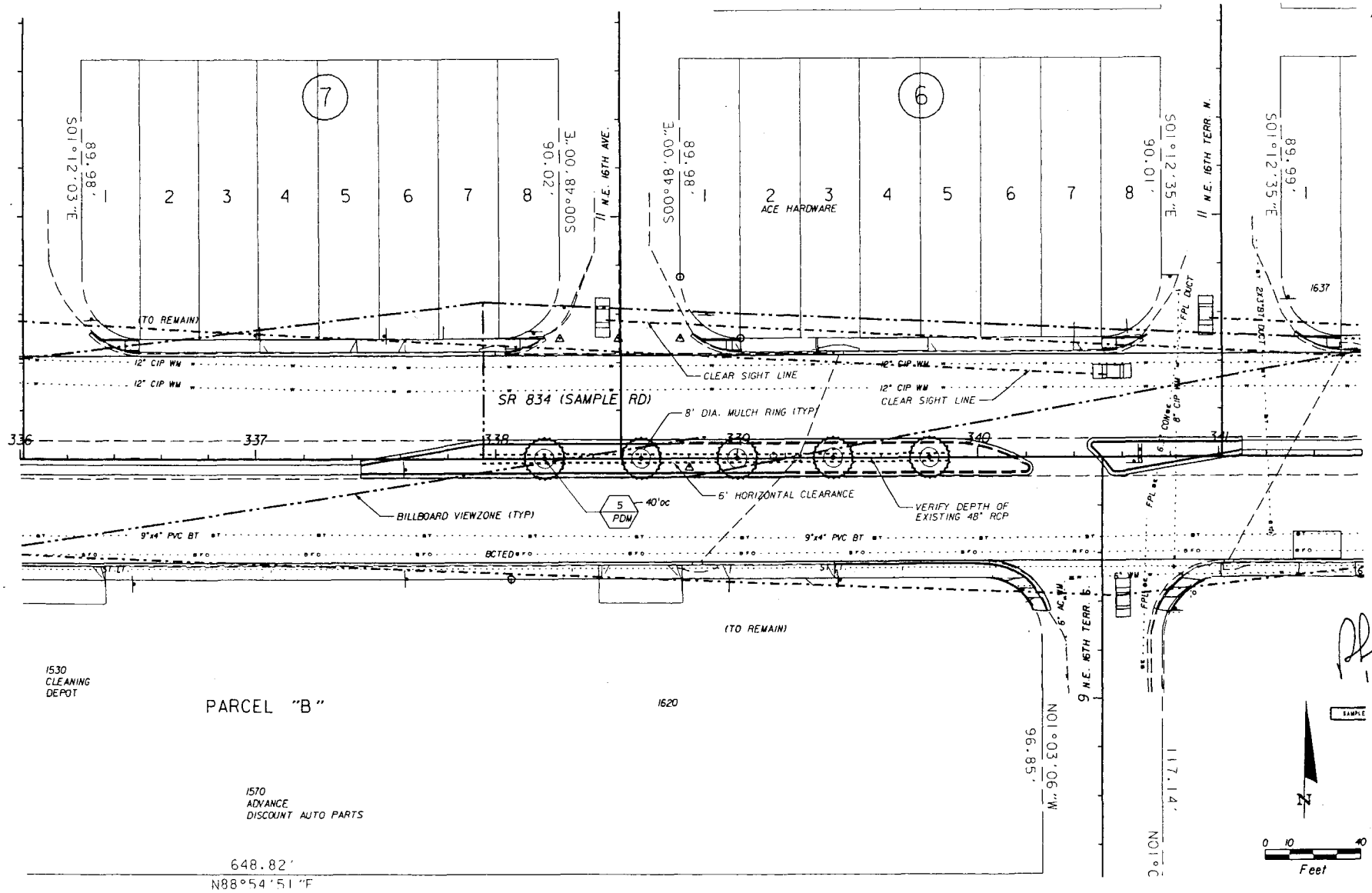
LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 330+40 TO STA 336+00

SHEET NO.
LD-21



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GLATTING JACKSON KERCHER ANGLIN LOPEZ RINEHART

LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
FAX: (407) 839-1789
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA-0000589

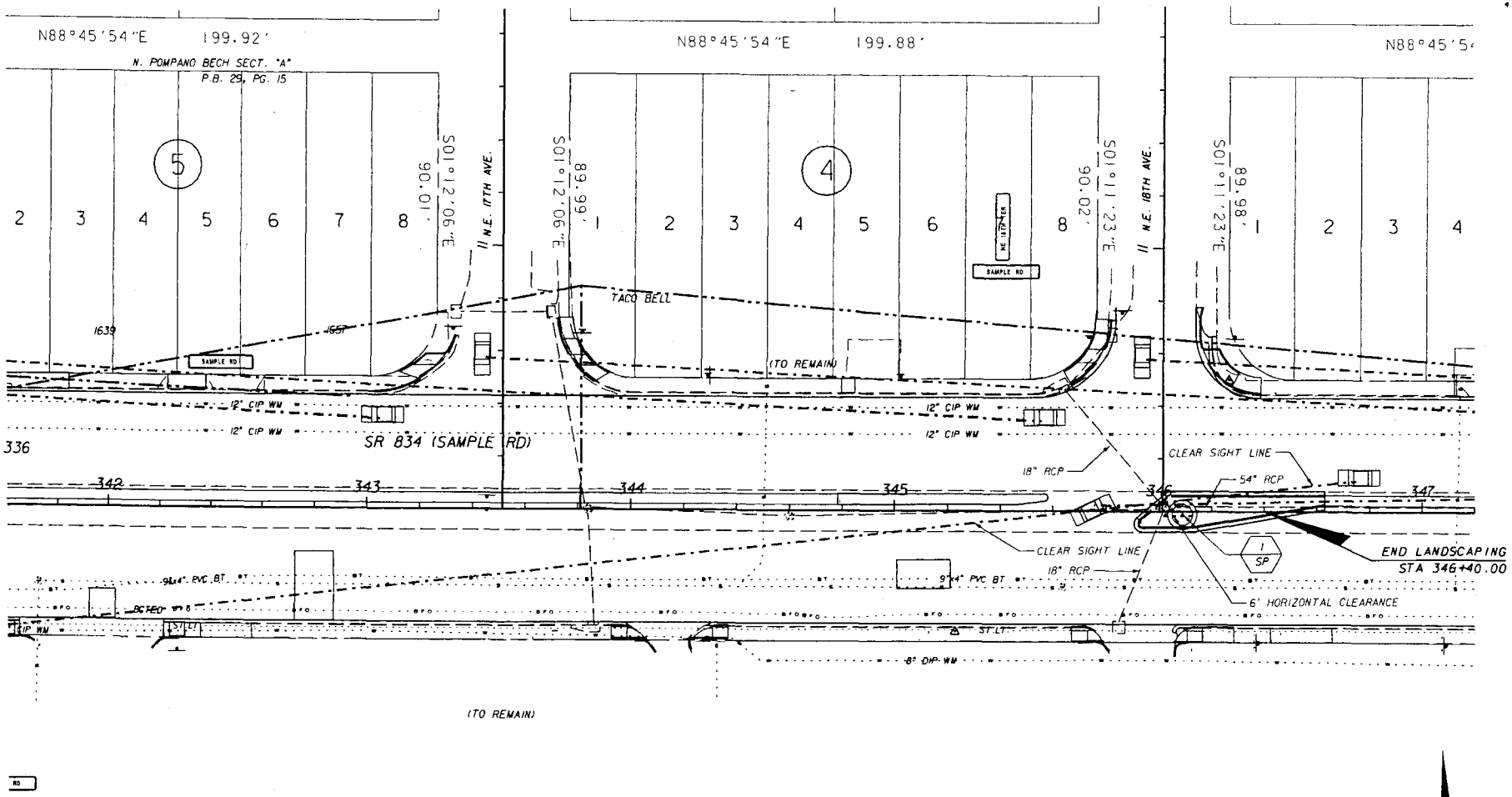
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 336+00 TO STA 341+60

S. NO.

LD-22



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LANDSCAPE ARCHITECTS
33 EAST PINE STREET
ORLANDO, FL 32801
PHONE: (407) 843-6552
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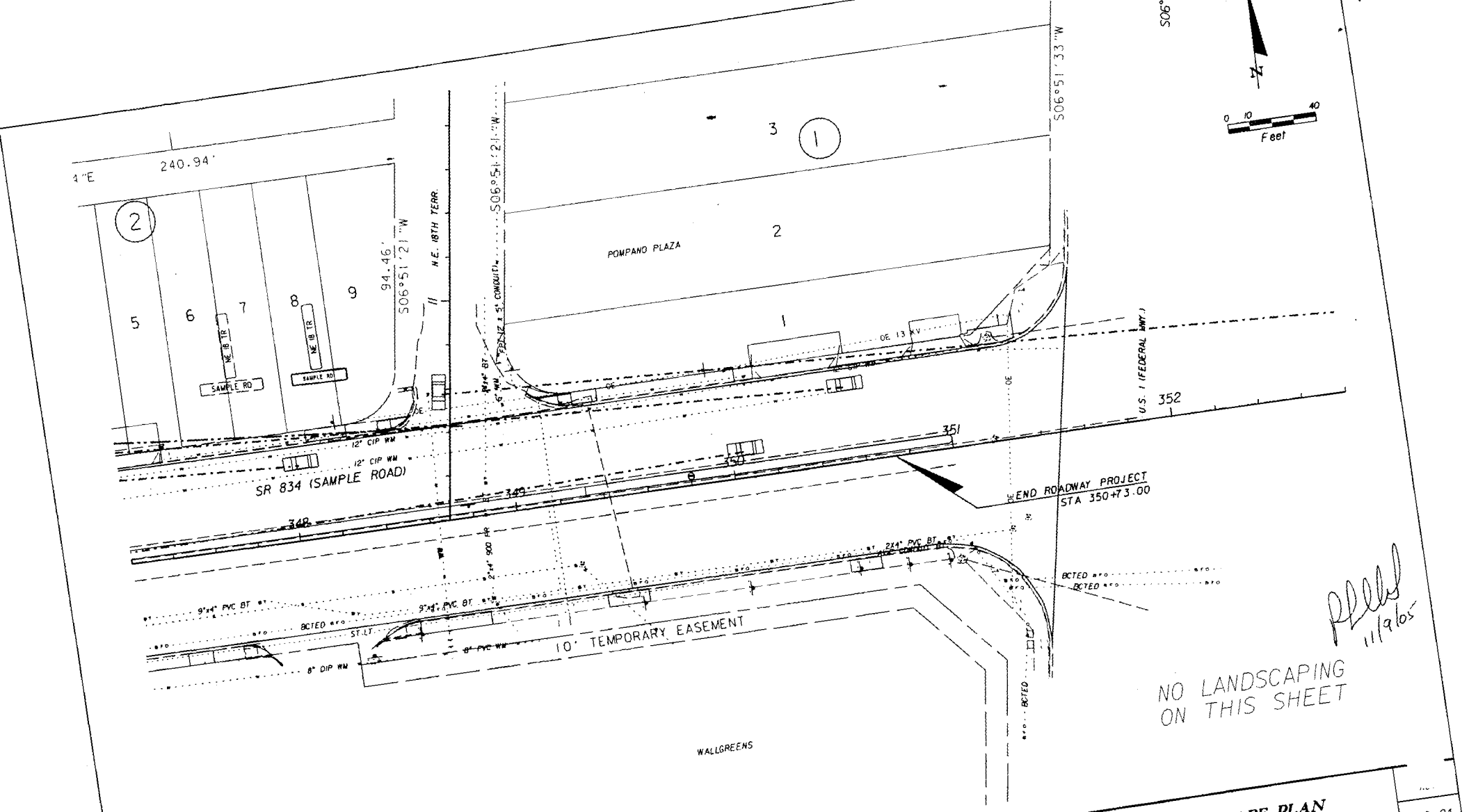
RONALD L. URBANIAK, PLA
FL. LIC. LA-0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 341+60 TO STA 347+20

SHEET NO. LD-23



NO LANDSCAPING ON THIS SHEET

11/9/05

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LANDSCAPE ARCHITECTS
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ORLANDO, FL 32801
PHONE (407) 843-6552
FAX: (407) 839-7185
FL. LIC. LC-0000049
RONALD L. URBANIAK, RLA
FL. LIC. LA 0000529

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
834	BROWARD	228073-1-52-01

LANDSCAPE PLAN
STA 347+20 TO STA 350+73

LD-24

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

EXHIBIT E

PENDING AGENCY PROJECT'S LANDSCAPE IMPROVEMENT PLANS

Please see attached plans by:

State Road 811
Architectural Alliance **Dated: July 10, 2006**

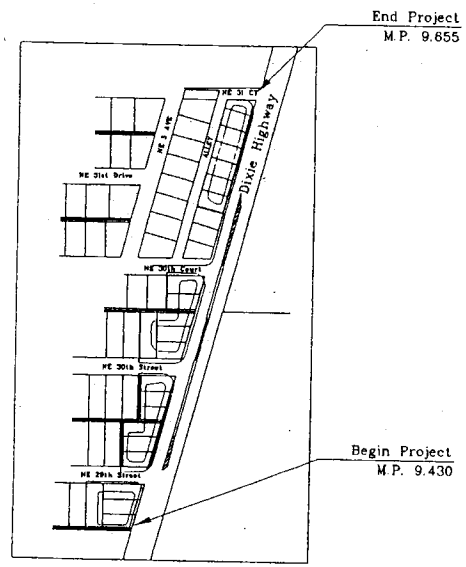
State Road A1A and State Road 814 (Atlantic Boulevard)
Bradshaw Associates **Dated: October 2, 2007**

SR811 (DIXIE HWY) LANDSCAPE IMPROVEMENTS

Pompano Beach, Florida

Mile Post 9.430 to Mile Post 9.655

GOVERNING STANDARDS & SPECIFICATIONS:
FLORIDA DEPT. OF TRANSPORTATION, DESIGN STANDARDS DATED JANUARY 2006, & STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION DATED 2004, AS AMENDED BY CONTRACT DOCUMENTS.



Location Map
NTS

INDEX OF LANDSCAPE PLANS

LP-1 Tree Survey
LP-2 Tree Survey
LP-3 Tree Survey
LP-4 Landscape Plan
LP-5 Landscape Plan
LP-6 Landscape Notes & Details- FDOT INDEX 546
LP-7 Landscape Notes & Details- FDOT INDEX 546
LP-8 Landscape Notes & Details- FDOT INDEX 546
LP-9 Landscape Irrigation Plan
LP-10 Landscape Irrigation Plan

Landscape Architecture:

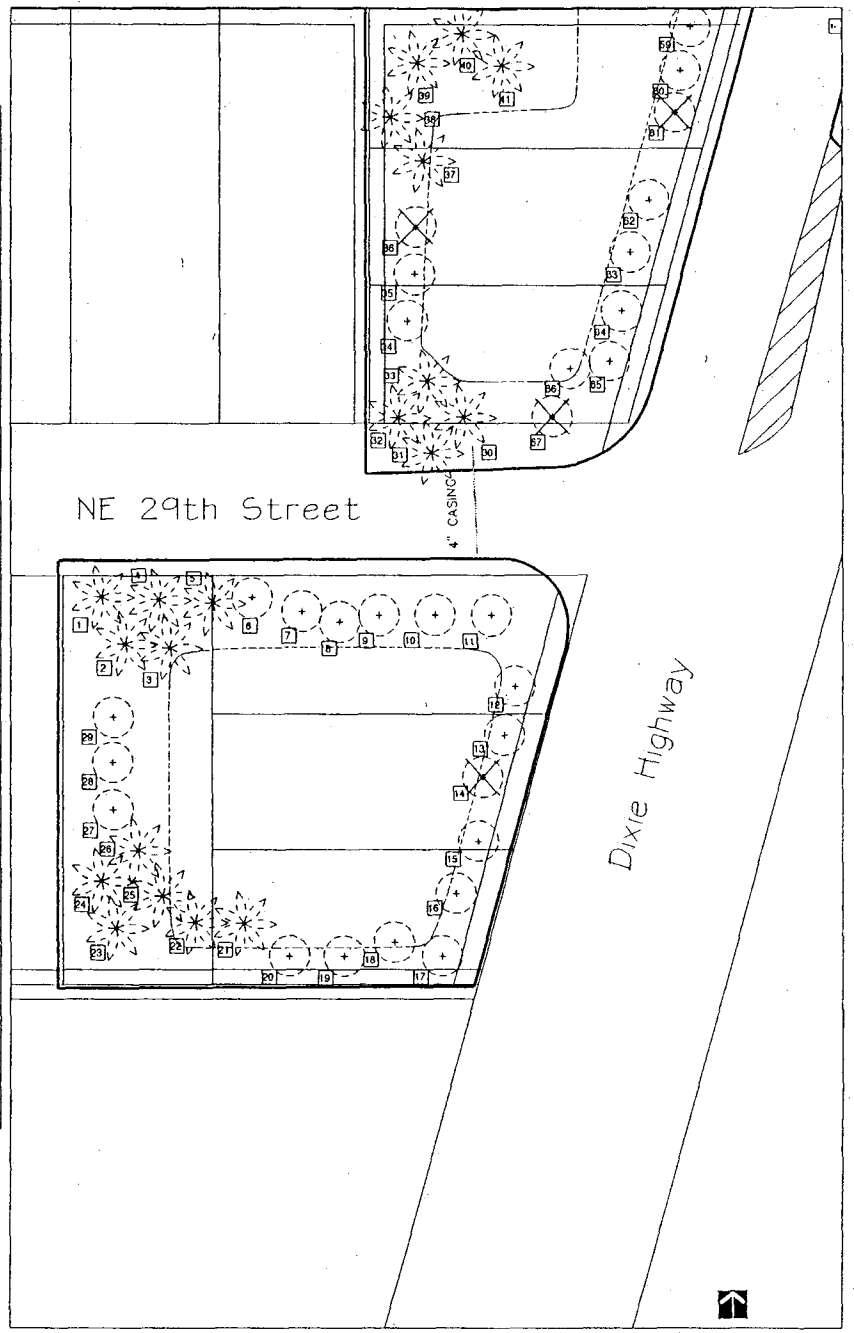
Hugh Johnson, RLA
Florida License # C000237

ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
GOVERNMENTAL PROCESSING

ARCHITECTURAL ALLIANCE
612 S.W. FOURTH AVENUE, FORT LAUDERDALE, FLORIDA 33315
TEL: (954) 764-8858 FAX: (954) 764-0731 E-MAIL: landscape@archall.net

SR811 (Dixie Hwy) Landscape Improvements - Pompano Beach, Florida
Purpose: Existing Tree Status

Tree #	Type	Caliper Size	Overall Height	Disposition Remove	Relocate	Remain
1	Coconut Palm	8"	15'			X
2	Coconut Palm	8"	15'			X
3	Coconut Palm	8"	15'			X
4	Coconut Palm	8"	15'			X
5	Coconut Palm	8"	15'			X
6	Black Olive	6"	15'			X
7	Mahogany	2"	10'			X
8	Mahogany	2"	10'			X
9	Mahogany	2"	10'			X
10	Laurel Oak	4"	12'			X
11	Laurel Oak	4"	12'			X
12	Geiger	2"	10'			X
13	Geiger	2"	10'			X
14	Geiger	2"	6'	X		
15	Mahogany	4"	15'			X
16	Geiger	3"	10'			X
17	Mahogany	4"	10'			X
18	Black Olive	4"	15'			X
19	Mahogany	6"	20'			X
20	Mahogany	6"	20'			X
21	Coconut Palm	8"	15'			X
22	Coconut Palm	8"	15'			X
23	Coconut Palm	8"	15'			X
24	Coconut Palm	8"	15'			X
25	Coconut Palm	8"	15'			X
26	Coconut Palm	8"	15'			X
27	Royal Poinciana	3"	10'			X
28	Royal Poinciana	3"	10'			X
29	Royal Poinciana	3"	10'			X
30	Coconut Palm	8"	15'			X
31	Coconut Palm	8"	15'			X
32	Coconut Palm	8"	15'			X
33	Coconut Palm	8"	15'			X
34	Sea Grape	10"	20'			X
35	Sea Grape	10"	20'			X
36	Sea Grape	10"	20'	X		
37	Coconut Palm	8"	15'			X
38	Coconut Palm	8"	15'			X
39	Coconut Palm	8"	15'			X
40	Coconut Palm	8"	15'			X
41	Coconut Palm	8"	15'			X
42	Black Olive	4"	12'			X
43	Black Olive	6"	15'			X
44	Sea Grape	10"	20'			X
45	Sea Grape	10"	20'			X
46	Sea Grape	10"	20'	X		
47	Coconut Palm	8"	15'			X
48	Coconut Palm	8"	15'			X
49	Coconut Palm	8"	15'			X
50	Coconut Palm	8"	15'			X
51	Coconut Palm	8"	15'			X
52	Coconut Palm	8"	15'			X
53	Mahogany	2"	8'			X
54	Mahogany	2"	8'			X
55	Geiger	2"	8'	X		
56	Geiger	2"	8'	X		
57	Geiger	2"	8'	X		
58	Geiger	2"	8'	X		
59	Mahogany	6"	15'			X
60	Mahogany	4"	10'			X
61	Geiger	3"	8'	X		
62	Geiger	2"	6'			X
63	Geiger	2"	6'			X
64	Geiger	2"	6'			X
65	Geiger	2"	6'			X
66	Geiger	2"	6'			X
67	Mahogany	4"	8'	X		
68	Coconut Palm	8"	15'			X
69	Coconut Palm	8"	15'			X
70	Coconut Palm	8"	15'			X
71	Coconut Palm	8"	15'			X
72	Coconut Palm	8"	15'			X
73	Coconut Palm	8"	15'			X
74	Mahogany	4"	10'			X
75	Coconut Palm	8"	15'			X
76	Coconut Palm	8"	15'			X
77	Coconut Palm	8"	15'			X
78	Coconut Palm	8"	15'			X
79	Mahogany	3"	10'			X
80	Mahogany	3"	10'			X
81	Maple	3"	10'			X
82	Maple	4"	12'			X
83	Coconut Palm	8"	15'			X
84	Coconut Palm	8"	15'			X
85	Coconut Palm	8"	15'			X
86	Sea Grape	4"	15'	X		
87	Geiger	2"	6'	X		
88	Geiger	2"	6'	X		
89	Geiger	2"	6'	X		
90	Geiger	2"	6'	X		
91	Geiger	2"	6'	X		
92	Laurel Oak	6"	12'			X
93	Geiger	2"	6'	X		
94	Gumbo Limbo	3"	10'			X
95	Geiger	2"	5'	X		
96	Geiger	2"	3'	X		
97	Geiger	2"	3'	X		
98	Gumbo Limbo	3"	8'			X
99	Gumbo Limbo	3"	8'			X
100	Gumbo Limbo	10"	20'			X
101	Gumbo Limbo	10"	20'			X
102	Gumbo Limbo	10"	20'			X
103	Gumbo Limbo	10"	20'			X
104	Gumbo Limbo	10"	20'			X
105	Royal Palm	20"	20'			X
106	Royal Palm	20"	20'			X
107	Gumbo Limbo	10"	20'			X
108	Gumbo Limbo	10"	20'			X
109	Gumbo Limbo	10"	20'			X
110	Mahogany	4"	12'			X
111	Gumbo Limbo	8"	15'			X
112	Mahogany	4"	12'			X
113	Gumbo Limbo	8"	20'			X
114	Gumbo Limbo	8"	20'			X
115	Mahogany	4"	12'			X
116	Royal Poinciana	12"	20'			X
117	Gumbo Limbo	6"	15'			X
118	Mahogany	6"	20'			X
119	Gumbo Limbo	6"	15'			X
120	Gumbo Limbo	6"	15'			X
121	Gumbo Limbo	6"	15'			X
122	Live Oak	2"	8'	X		
123	Gumbo Limbo	3"	8'	X		
124	Mahogany	2"	8'	X		
125	Mahogany	4"	12'			X
126	Mahogany	8"	15'			X
127	Crape Myrtle	Multi	8'			X
128	Crape Myrtle	Multi	8'			X
129	Crape Myrtle	Multi	8'			X
130	Crape Myrtle	Multi	8'			X
131	Veitchia Palm	6"	12'			X
132	Veitchia Palm	6"	12'			X
133	Veitchia Palm	6"	12'	X		
134	Veitchia Palm	6"	12'			X
135	Veitchia Palm	6"	12'			X
136	Veitchia Palm	6"	12'			X
137	Crape Myrtle	Multi	8'			X
138	Crape Myrtle	Multi	8'			X
139	Crape Myrtle	Multi	8'			X
140	Crape Myrtle	Multi	8'			X
141	Crape Myrtle	Multi	8'			X

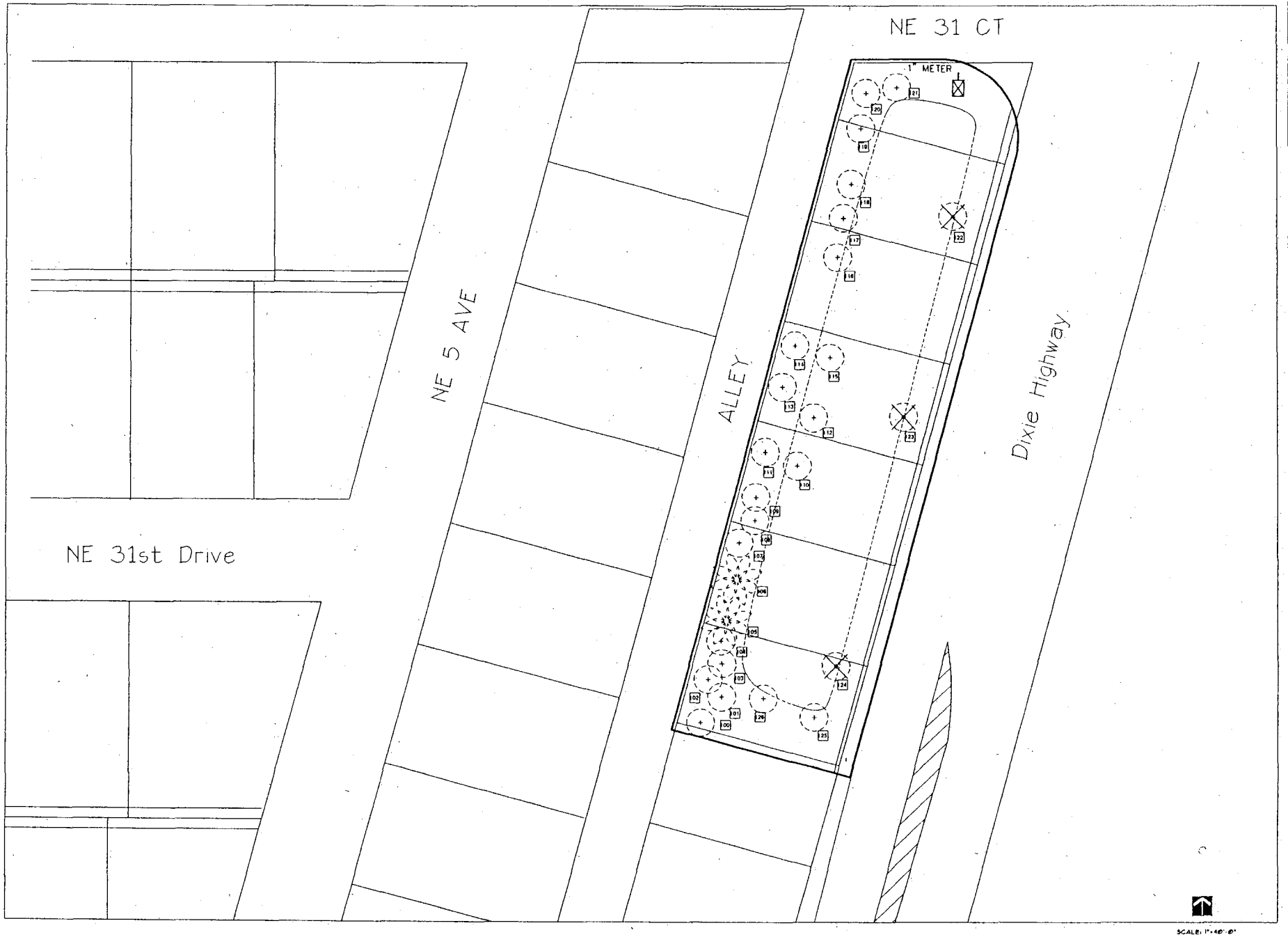


ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL PROGRESSIVE
ARCHITECTURAL ALLIANCE

Tree Survey Plan
Dixie Highway Improvements
Dixie Highway
Pompano Beach, Florida

Sheet Description: Tree Survey Plan
Release Date: 01-06-06
Project Number: 0574
Drawing Number: LP-1
Sheet 1 Of 10

ARCHITECTURE LANDSCAPE ARCHITECTURE LAND PLANNING INTERIOR DESIGN ENVIRONMENTAL PROCESSING ARTECTURAL ALLIANCE	Seal	Revision Dates 2-16-06 MP ADDED 4-14-06	ROW DESIGN R.A. KONNERT	Tree Survey Plan Dixie Highway Pompano Beach, Florida Dixie Highway Improvements	Sheet Description Tree Survey Plan Revision Date 01-06-06 Project Number 0574 Drawing Number LP-2 Sheet 2 of 10



ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL ENGINEERING

ARCHITECTURAL ALLIANCE

7-16-06 T.P. ADDED
4-14-06

Revision Dates

Tree Survey Plan

Dixie Highway Improvements

Dixie Highway
Pompano Beach, Florida

Sheet Description
Tree Survey Plan

Release Date
01-06-06

Project Number
0574

Drawing Number
LP-3

Sheet 3 Of 10

NOTES:

(1) LOCATION OF PLANT MATERIAL TO BE ADJUSTED IN FIELD ACCORDING TO FIELD VERIFIED LOCATIONS OF POWER POLES AND UNDERGROUND UTILITIES. PER FPL'S 'RIGHT TREE, RIGHT PLACE' GUIDELINES.

(2) MULCH MUST BE 25' AWAY FROM ANY DRAINAGE STRUCTURES.

SEE SHEET LP-1 FOR EXISTING TREES.

SCALE: 1"=40'-0"

ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL PROGRESSING

ARCHITECTURAL ALLIANCE

Landscape Plan

Dixie Highway Improvements

Dixie Highway
Pompano Beach, Florida

Sheet Description: Landscape Plan

Release Date: 01-06-06

Project Number: 0574

Drawing Number: LP-4

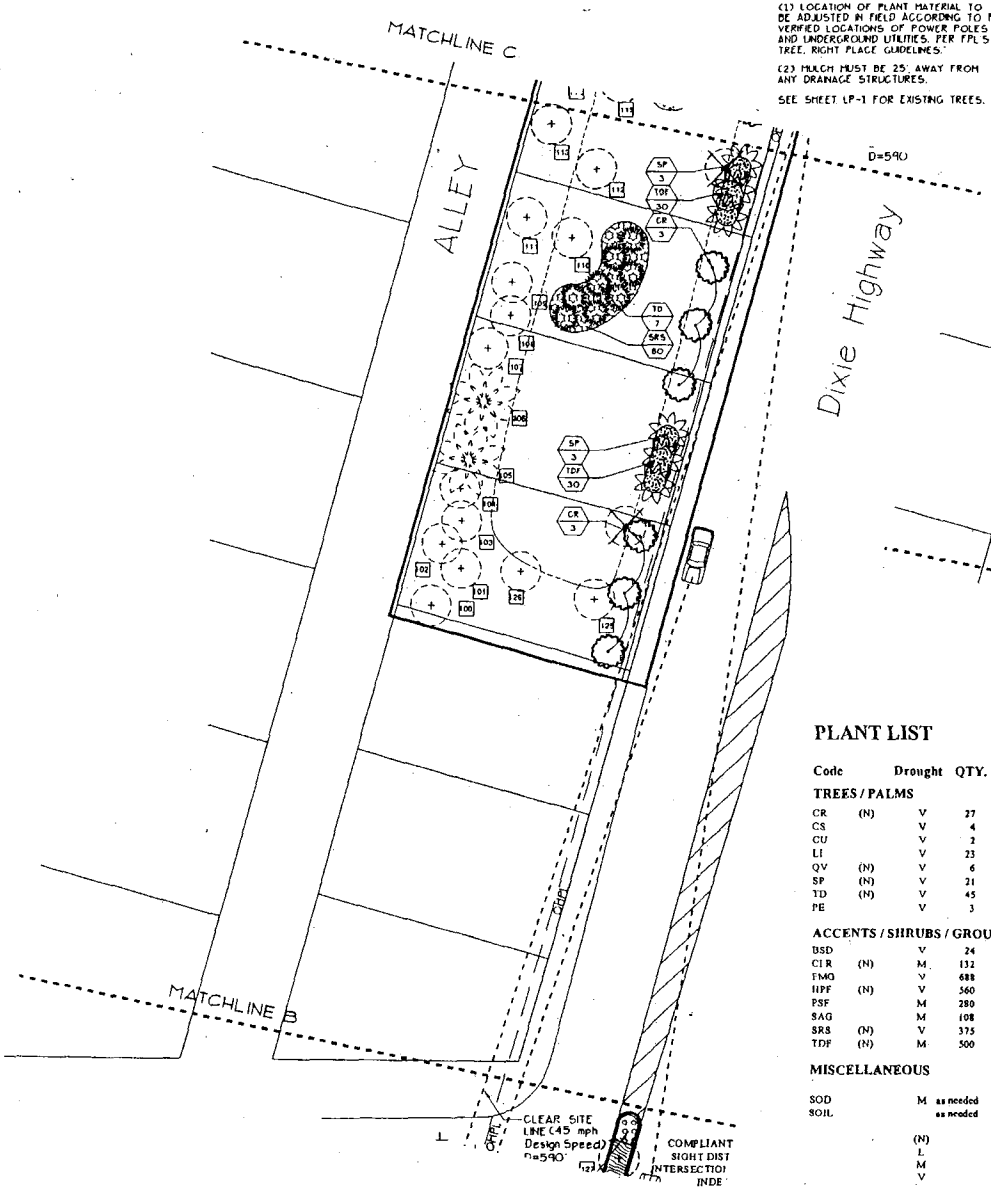
Sheet 4 Of 10

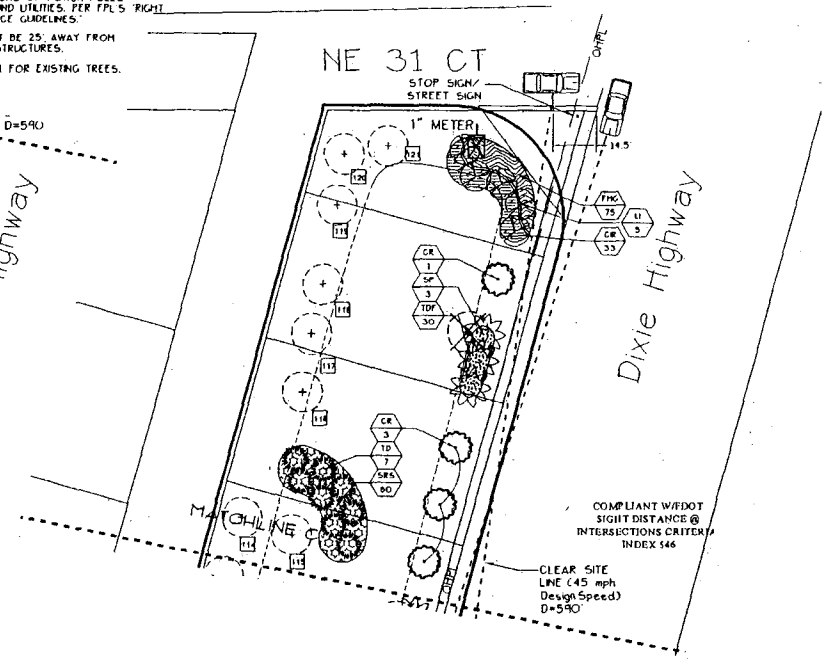
NOTES:

(1) LOCATION OF PLANT MATERIAL TO BE ADJUSTED IN FIELD ACCORDING TO FIELD VERIFIED LOCATIONS OF POWER POLES AND UNDERGROUND UTILITIES. PER FPL'S 'RIGHT TREE, RIGHT PLACE' GUIDELINES.

(2) MULCH MUST BE 25' AWAY FROM ANY DRAINAGE STRUCTURES.

SEE SHEET LP-1 FOR EXISTING TREES.





PLANT LIST

Code		Drought	QTY.	Botanical Name / Common Name	Specifications	Mature Height
TREES / PALMS						
CR	(N)	V	27	Clusia rosea / Pitch Apple	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	30' OA
CS		V	4	Cordia sebestena / Orange Gieger	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	20' OA
CU		V	2	Cocoloba uvifera / Sea Grape Tree	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	25' OA
LI		V	23	Lagerstroemia indica 'Muskogee' / Lavender Crape Myrtle	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	20' OA
QV	(N)	V	6	Quercus virginiana / Live Oak	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	35' OA
SP	(N)	V	21	Sabal palmetto / Cabbage Palm	B&B Field Grown, Staggered Hts., 12', 16' & 20' OA.	35' OA
TD	(N)	V	45	Taxodium distichum / Bald Cypress	B&B Field Grown, 12' X 5-6', 2" DBH., single straight leader.	45' OA
PE		V	3	Ptychosperma elegans / Solitaire Palm	B&B Field Grown, 12' OA., Single.	30' OA
ACCENTS / SHRUBS / GROUND COVERS						
BSD		V	24	Bougainvillea spp. / Dwarf Bougainvillea Shrub	3 Gal., 2' OC.	3' OA
CLR	(N)	M	132	Chrysobalanus icaco / 'Red Tip' Cocoplum	3 Gal., 24" OA, 3' OC	8' OA
FMO		V	688	Ficus microcarpa / Green Island Ficus	3 Gal., 18-24" OA, 2' OC.	6' OA
HPF	(N)	V	560	Hamelia patens / Fire Bush	3 Gal., 3' OC	10' OA
PSF		M	280	Pennisetum setaceum / Fountain Grass	3 Gal., 2' OC	6' OA
SAG		M	108	Schefflera arboricola 'Gold Capella' / Gold Capella Schefflera	3 Gal., 24" OA, 3' OC.	10' OA
SRS	(N)	V	375	Serenoa repens / Saw Palmetto Silver	1 Gal., 15" OA, 3' OC	8' OA
TDF	(N)	M	500	Tripsacum dactyloides / Fakahatchee Grass	3 Gal., 24"-30" OA, 3' OC	6' OA
MISCELLANEOUS						
SOD		M	as needed	Stenotaphrum secundatum / St. Augustine 'Floratam'	Solid application - no gaps between seams	Solid application - no gaps between seams
SOIL			as needed	50/50 Soil Mix	Sand / Topsoil	Sand / Topsoil

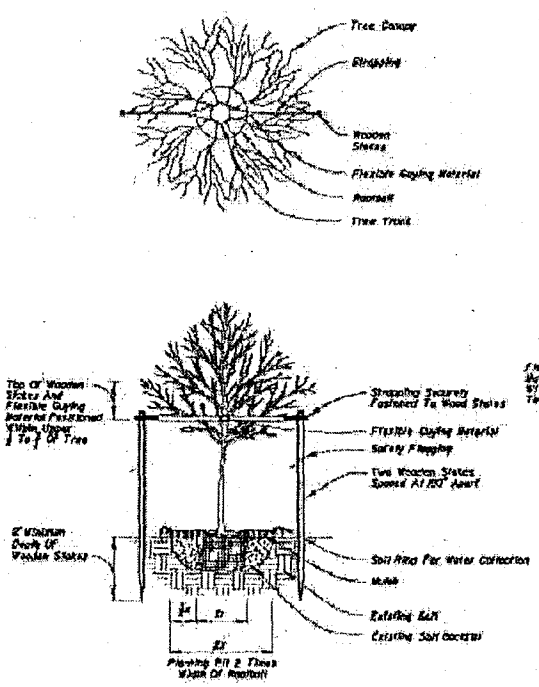
(N) Florida Native Plant Species
L Low Drought Tolerance
M Moderate Drought Tolerance
V Very Drought Tolerant

SCALE: 1"=40'-0"

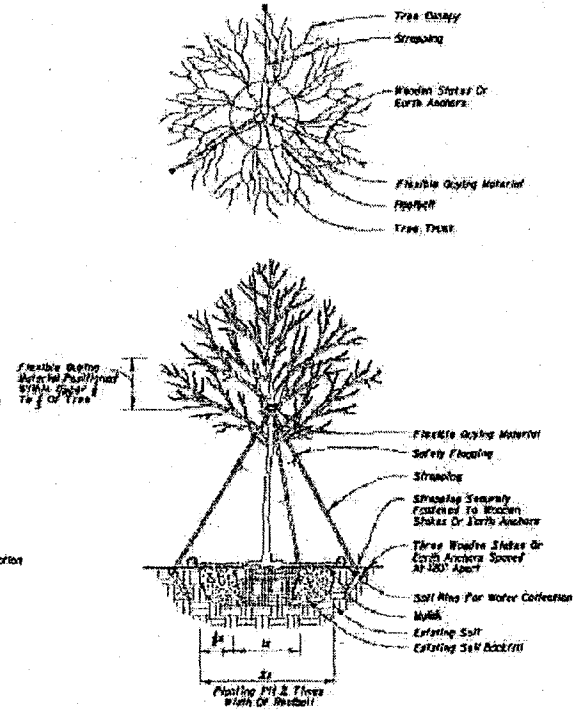
ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL PROGRAMMING
ARCHITECTURAL ALLIANCE

Landscape Plan
Dixie Highway Improvements
Dixie Highway
Pompano Beach, Florida

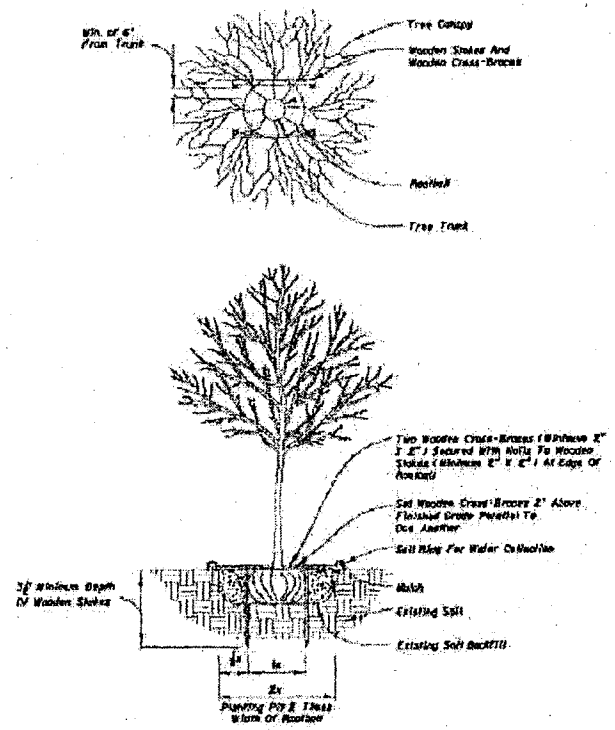
Sheet Description: Landscape Plan
Release Date: 01-06-06
Project Number: 0574
Drawing Number: LP-5
Sheet 5 Of 10



1" - 3½" Caliper Tree Planting



4" and Larger Caliper Tree Planting



Tree Planting With Wooden Stakes

General Notes:

1. All dimensions 6" and less are suggested for illustrative purposes only.
2. Plant containers shall be removed prior to planting. If plants are set container grown, remove a minimum of the top ⅓ of burlap, fabric, or wire mesh.
3. Rootballs shall be set 1"-2" above finished grade and set plumb in the horizon.
4. Backfill shall be loosened existing soil. Remove rocks, sticks, or other deleterious material greater than 1" in any direction prior to backfilling. Water and hose to remove air pockets. If existing soils contain excessive sand, clay, or other material not conducive to proper plant growth contact Engineer prior to planting.
5. Soil ring shall be constructed of existing soil at the outer edge of the planting pit with a height and width of 6".
6. Mulch shall be a 3" deep layer placed in the area of the trunk flare, around the base of shrub, or within ground cover.
7. Strapping shall be minimum 1" white nylon or polypropylene. Guying material in contact with tree shall be soft, pliable, and flexible plastic or rubber, securely fastened to wooden stakes. All wooden stakes or earth anchors shall be located beyond the edge of soil ring and located below finished grade.
8. Steel Poles may be hurricane cut. All other poles must have friends tied with biodegradable strap. Palm trunks shall have no bare spots, scars, or scarding.
9. All dimensions provided for wooden guy/stakes are nominal.
10. When a permanent, subsurface, or drip irrigation system is provided a watering ring is not required. Slope to edge of planting pit.
11. Commercial tree bracing systems approved by the Engineer may be used in lieu of the tree bracing methods detailed on the index.

2005 FDOT Design Standards

LANDSCAPE INSTALLATION

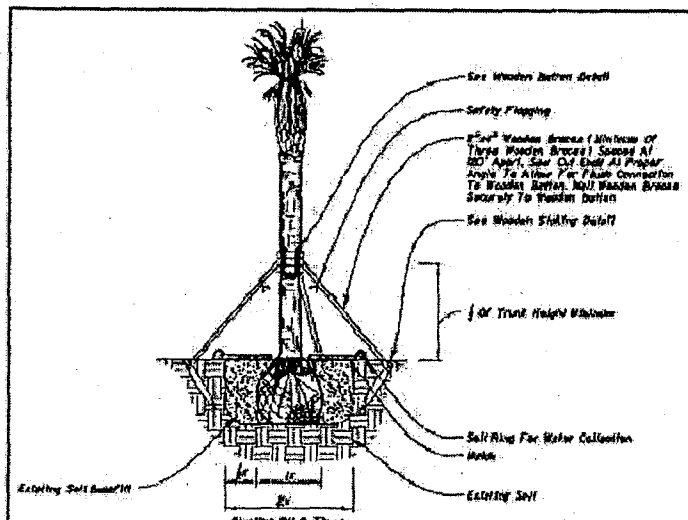
Last Revision	Sheet No.
07/01/05	1 of 3
Index No. 544	

ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL PROGRESSING

ITECTURAL ALLIANCE

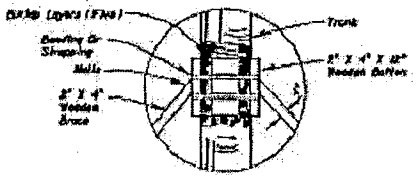
Landscape Plan
Dixie Highway Improvements
Dixie Highway
Pompano Beach, Florida

Sheet Description: Landscape Plan
Release Date: 01-06-06
Project Number: 0574
Drawing Number: LP-6
Sheet 6 Of 10

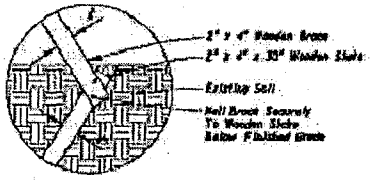


NOTE: For All Palms Over 10' Clear Trunk, Use Installation Detail Provided By Landscape Architect In Contract Plans.

Palm Planting For Up To 10' Clear Trunk

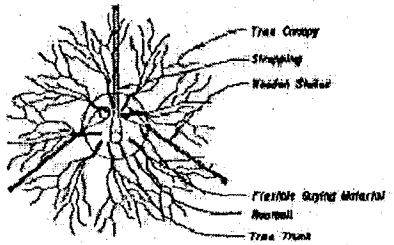


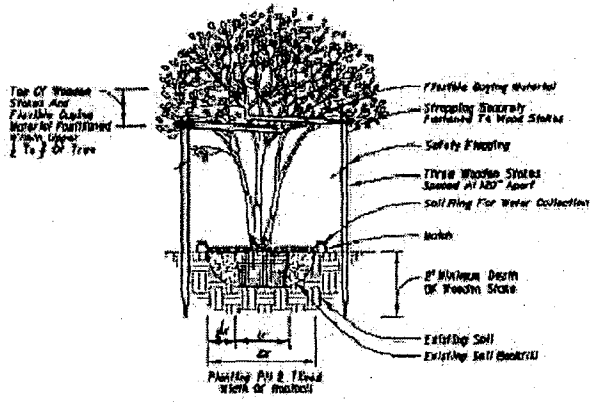
Wooden Batten Detail



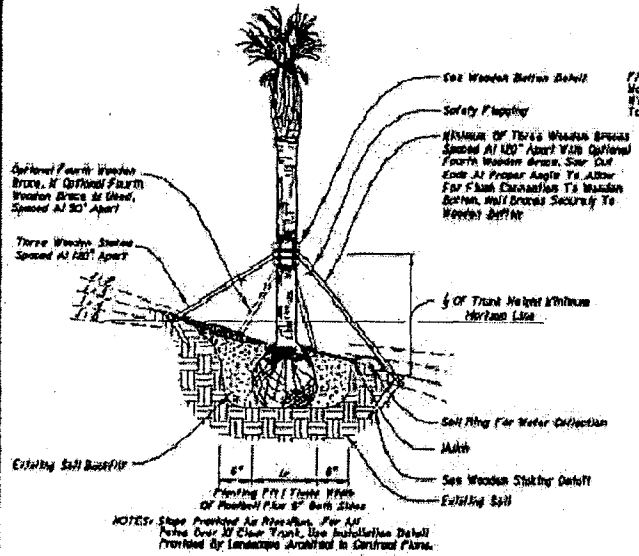
NOTE: Stake Into Firm, Existing Soil.

Wooden Staking Detail



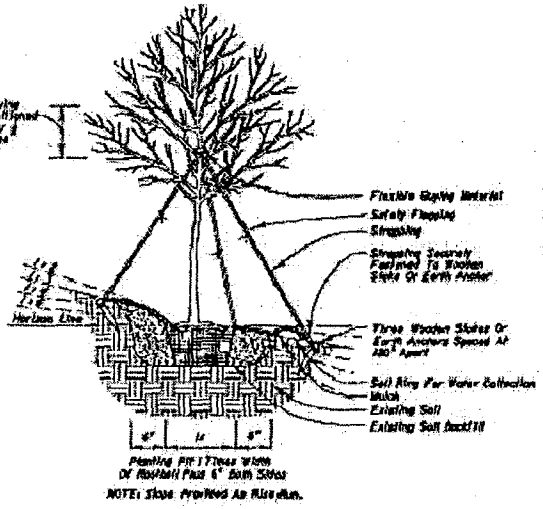


Multi-Trunk Tree Planting



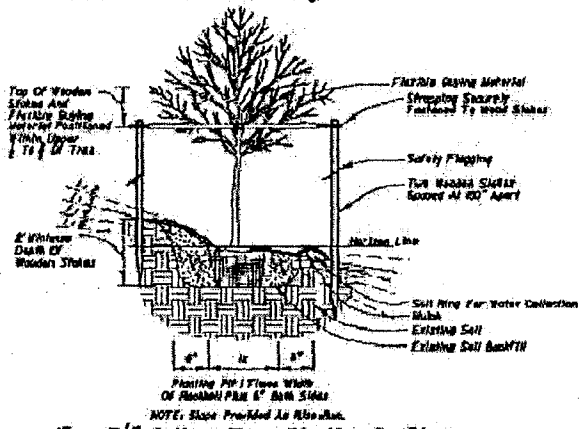
NOTES: Slope Provided As Rise/Run. For All Palms Over 10' Clear Trunk, Use Installation Detail Provided By Landscape Architect In Contract Plans.

Palm Planting On Slope For Up To 10' Clear Trunk



NOTE: Slope Provided As Rise/Run.

4" and Larger Caliper Tree Planting On Slope



NOTE: Slope Provided As Rise/Run.

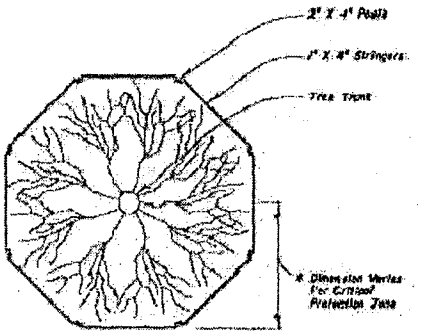
1" - 3½" Caliper Tree Planting On Slope

##STANDARD YEAR##	Revised Date 07/01/05	Sheet No. 2 of 3
LANDSCAPE INSTALLATION		Index No. 544

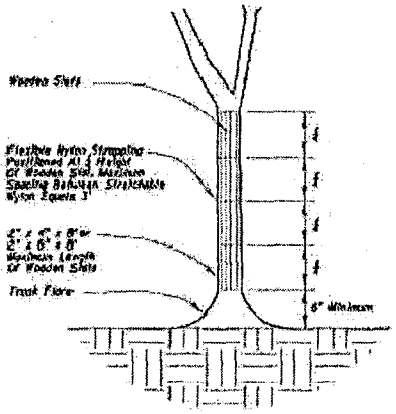
ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL ENGINEERING
ARCHITECTURAL ALLIANCE

Landscape Plan
Dixie Highway Improvements
Dixie Highway
Pompano Beach, Florida

Sheet Description: Landscape Plan
Release Date: 01-06-06
Project Number: 0574
Drawing Number: LP-7
Sheet 7 Of 10

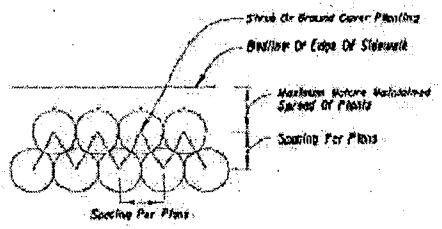


NOTE: For Groups Of Trees, Place Barricades Between Trees And Construction Activity.

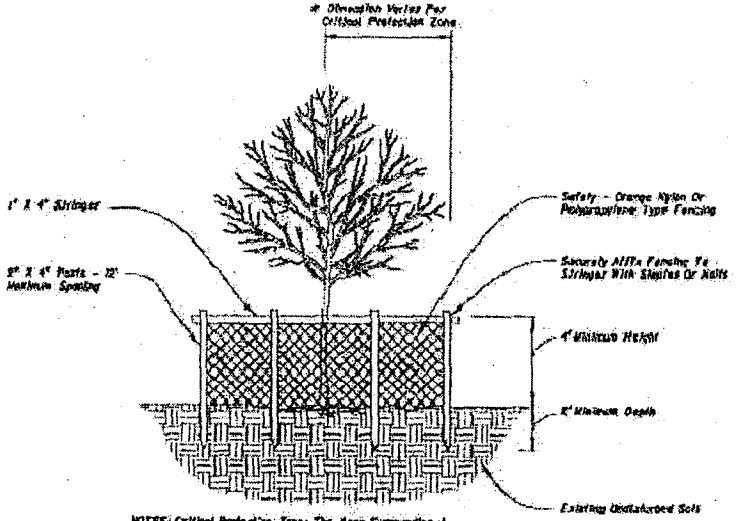


Tree Protection

NOTE: To Be Used When Tree Protection Barricade Can Not Be Provided Due To Roadway Construction, Project Limits, Or Other Existing Constraints.



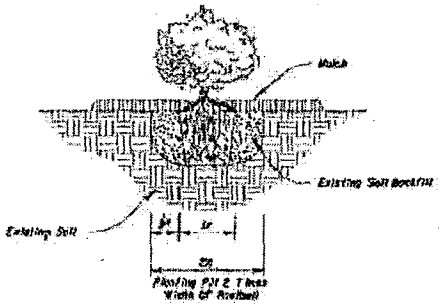
Ground Cover/Shrub Layout Detail



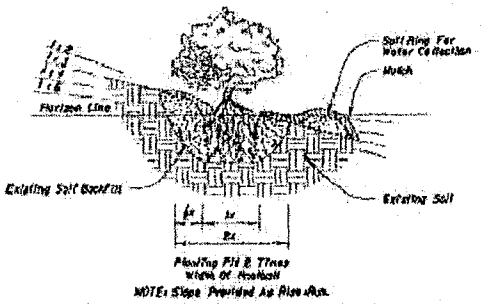
NOTES: Critical Protection Zone: The Area Surrounding A Tree Within A Circle Described By A Radius Of One Foot For Each Inch Of The Tree Trunk Diameter At 54" Above Finished Grade. For Groups Of Trees, Place Barricades Between Trees And Construction Activity.

* Tree Protection Barricades Shall Be Located To Protect A Minimum Of 75% Of The Critical Protection Zone.

Tree Protection Barricade



Ground Cover/Shrub Planting



NOTE: Slope Provided As Rise/Run.

Ground Cover/Shrub Planting On Slope

2006 FDOT Design Standards

LANDSCAPE INSTALLATION

Last Revision	Sheet No.
07/01/05	3 of 3

Index No. 544

ARCHITECTURE · LANDSCAPE ARCHITECTURE · LAND PLANNING · INTERIOR DESIGN · ENVIRONMENTAL ENGINEERING

ARCHITECTURAL ALLIANCE

Landscape Plan

Dixie Highway Improvements

Dixie Highway
Pompano Beach, Florida

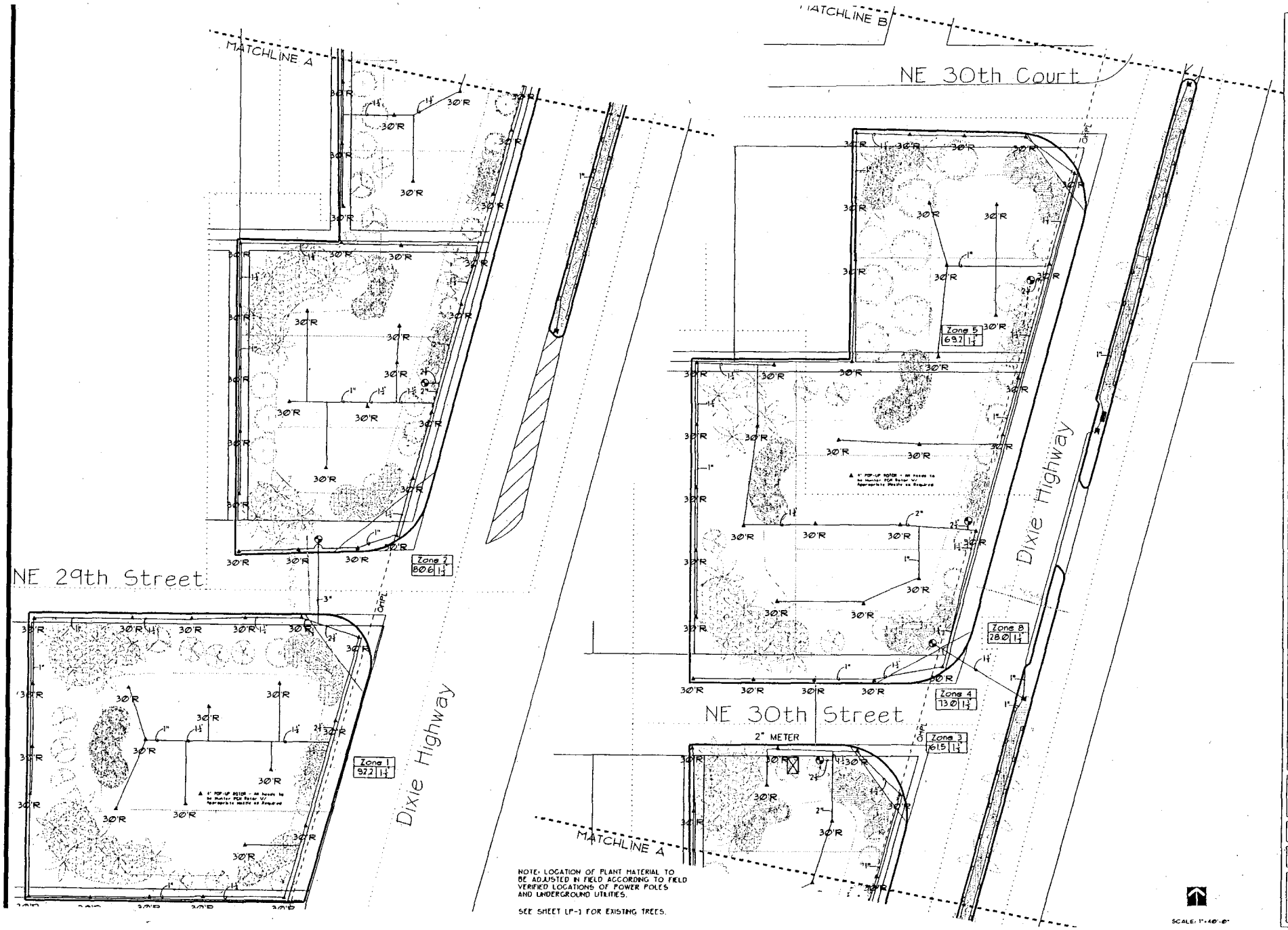
Sheet Description: Landscape Plan

Release Date: 01-06-06

Project Number: 0574

Drawing Number: LP-8

Sheet 8 Of 10



NOTE: LOCATION OF PLANT MATERIAL TO BE ADJUSTED IN FIELD ACCORDING TO FIELD VERIFIED LOCATIONS OF POWER POLES AND UNDERGROUND UTILITIES.

SEE SHEET LP-1 FOR EXISTING TREES.

ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL ENGINEERING

ARCHITECTURAL ALLIANCE

7-14-06 PLP ADDED
4-14-06
6-12-06

Revision Dates

Irrigation Plan

Dixie Highway Improvements

Dixie Highway
Pompano Beach, Florida

Sheet Description: Irrigation Plan

Release Date: 01-06-06

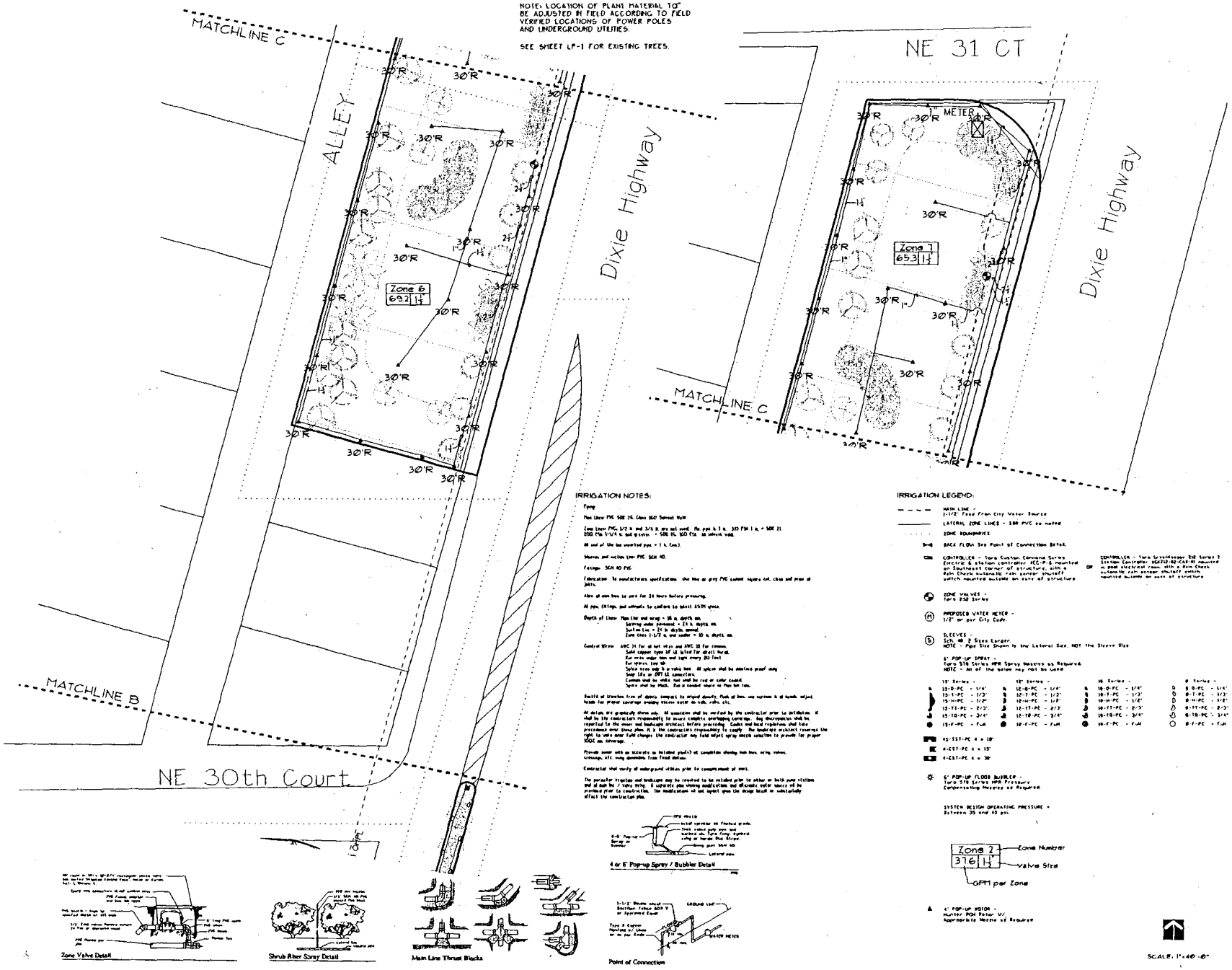
Project Number: 0574

Drawing Number: LP-9

Sheet 9 of 10

NOTE: LOCATION OF PLANT MATERIAL TO BE ADJUSTED IN FIELD ACCORDING TO FIELD VERIFIED LOCATIONS OF POWER POLES AND UNDERGROUND UTILITIES.

SEE SHEET LP-1 FOR EXISTING TREES.



IRRIGATION NOTES:

Pipe

Main Lines PVC SDR 26, Class 160 Solvent Weld

Zone Lines PVC 1/2" & and 3/4" & are not sched. Min pipe is 3 in. 315 PSI 1 in. = SDR 21. 200 PSI 1-1/4 in. and greater = SDR 26, 160 PSI. All solvent weld.

All end of the line mounted pipe = 1 in. Cont.

Sleeves and mains Line PVC SCH 40.

Fittings SCH 40 PVC.

Fabrication To manufacturers specifications. Use blue or gray PVC cement, square cut, clean and prime all joints.

Allow at min two to cure for 24 hours before pressuring.

All pipe, fittings, and solvents to conform to latest ASTM specs.

Depth of Lines Main Line and swing - 18 in. depth min.
Spring water pressure - 24 in. depth min.
Solenoids - 24 in. depth, minimum.
Zone lines 1-1/2 in. and smaller - 10 in. depth, min.

Control Wires AWG 14 for all wet wires and AWG 18 for common.
Solid copper, type UF UL listed for direct burial.
Run wires under main and tape every 20 feet.
Use splices, less ok.
Splice wires only in a valve box. All splices shall be moisture proof using Snap Lite or DBY UL connectors.
Common shall be white, but shall be red or color coded.
Spare shall be black. Run in conduit where no Main line runs.

Backfill of trenches free of debris, compact to original density. Flush all lines, use screens in all heads, adjust heads for proper coverage avoiding excess water on walls, walks, etc.

All details are generally shown only. All equipment shall be installed by the contractor prior to installation. It shall be the contractor's responsibility to ensure complete overlapping coverage. Any discrepancies shall be reported to the owner and landscape architect before proceeding. Codes and local regulations shall take precedence over these plans. It is the contractor's responsibility to comply. The landscape architect reserves the right to make minor field changes. The contractor may field adjust spray heads selection to provide for proper 100% min. coverage.

Provide owner with as-builts (a reduced plan) at completion showing main lines, wiring, valves, sprinklers, etc. using dimensions from fixed objects.

Contractor shall verify of underground utilities prior to commencement of work.

The perimeter irrigation and landscape may be required to be installed prior to either or both pump stations and of dual line / valve delay. A separate plan showing modifications and alternate water source will be provided prior to construction. The modifications will not impact upon the design layout or substantially affect the construction plan.

IRRIGATION LEGEND:

MAIN LINE - 1-1/2" Feed From City Water Source

LATERAL ZONE LINES - 100 PVC as noted

ZONE BOUNDARIES

BACK FLOW Sys Point of Connection Detail.

CONTROLLER - Toro Custom Command Series Electric & Station controller #CC-P-6 mounted on Southwest Corner of structure, with a Rain Check automatic rain sensor shutoff switch mounted outside on eave of structure

OR

CONTROLLER - Toro Sprinkler 350 Series 3 Station Controller #SG350-02-CAS-01 mounted in pump electrical room with a Rain Check automatic rain sensor shutoff switch mounted outside on eave of structure

ZONE VALVES - Toro 252 Series

PROPOSED WATER METER - 1/2" or per City Code.

SLEEVES - Sch. 40 2 Sizes Larger. NOTE - Pipe Size Shown is the Lateral Size, NOT the Sleeve Size

6" POP-UP SPRAY - Toro 570 Series HPR Spray Heads as Required. NOTE - All of the water may not be used

15" Series -	12" Series -	16" Series -	6" Series -
15-0-PC - 1/4"	12-0-PC - 1/4"	16-0-PC - 1/4"	6-0-PC - 1/4"
15-1-PC - 1/3"	12-1-PC - 1/3"	16-1-PC - 1/3"	6-1-PC - 1/3"
15-H-PC - 1/2"	12-H-PC - 1/2"	16-H-PC - 1/2"	6-H-PC - 1/2"
15-11-PC - 2/3"	12-11-PC - 2/3"	16-11-PC - 2/3"	6-11-PC - 2/3"
15-10-PC - 3/4"	12-10-PC - 3/4"	16-10-PC - 3/4"	6-10-PC - 3/4"
15-F-PC - Full	12-F-PC - Full	16-F-PC - Full	6-F-PC - Full

4S-SST-PC 4 x 18'

4-CST-PC 4 x 15'

4-CST-PC 4 x 30'

6" POP-UP FLOOD BUBBLER - Toro 570 Series HPR Pressure Compensating Heads as Required.

SYSTEM DESIGN OPERATING PRESSURE - Between 35 and 40 psi.

Zone 2 — Zone Number
316 1½ — Valve Size
GPM per Zone

4" POP-UP ROTOR - Hunter PGH Rotor W/ Appropriate Nozzle as Required

Irrigation Plan

Dixie Highway Improvements

Dixie Highway
Pompano Beach, Florida

Sheet Description: Irrigation Plan

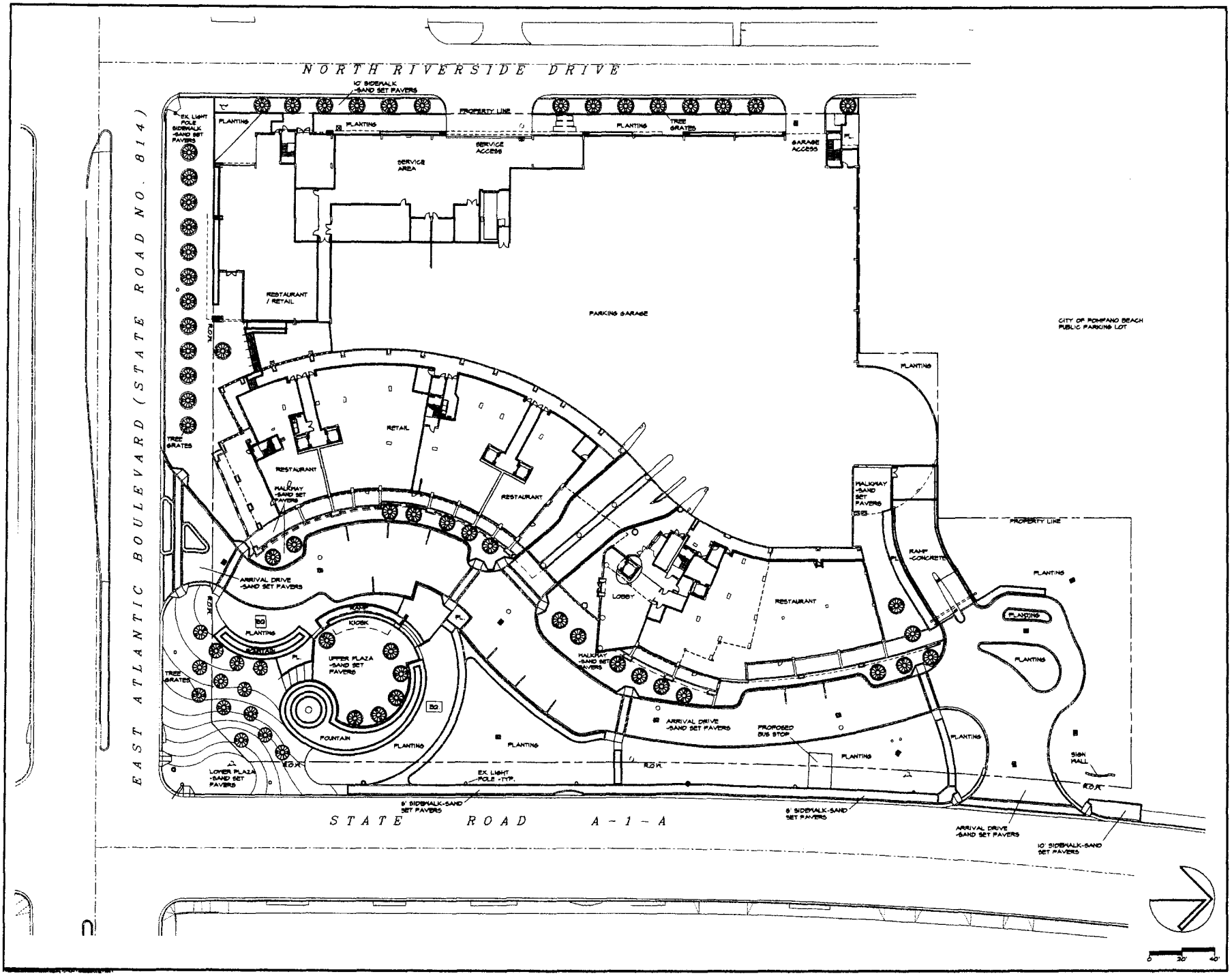
Release Date: 01-06-06

Project Number: 0574

Drawing Number: LP10

Sheet 10 of 10

ARCHITECTURE
LANDSCAPE ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
ENVIRONMENTAL ENGINEERING
ARCHITECTURAL ALLIANCE



BRADSHAW & ASSOCIATES
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4337 Bougainvillea Drive
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OCEANSIDE

Pompano Beach, Florida

F.D.O.T. EXHIBIT

OVERALL SITE PLAN

DATE: OCTOBER 2, 2001
DRAWN BY: R.C.H.
REVIEW BY: W.J.B.
APPROVED BY:

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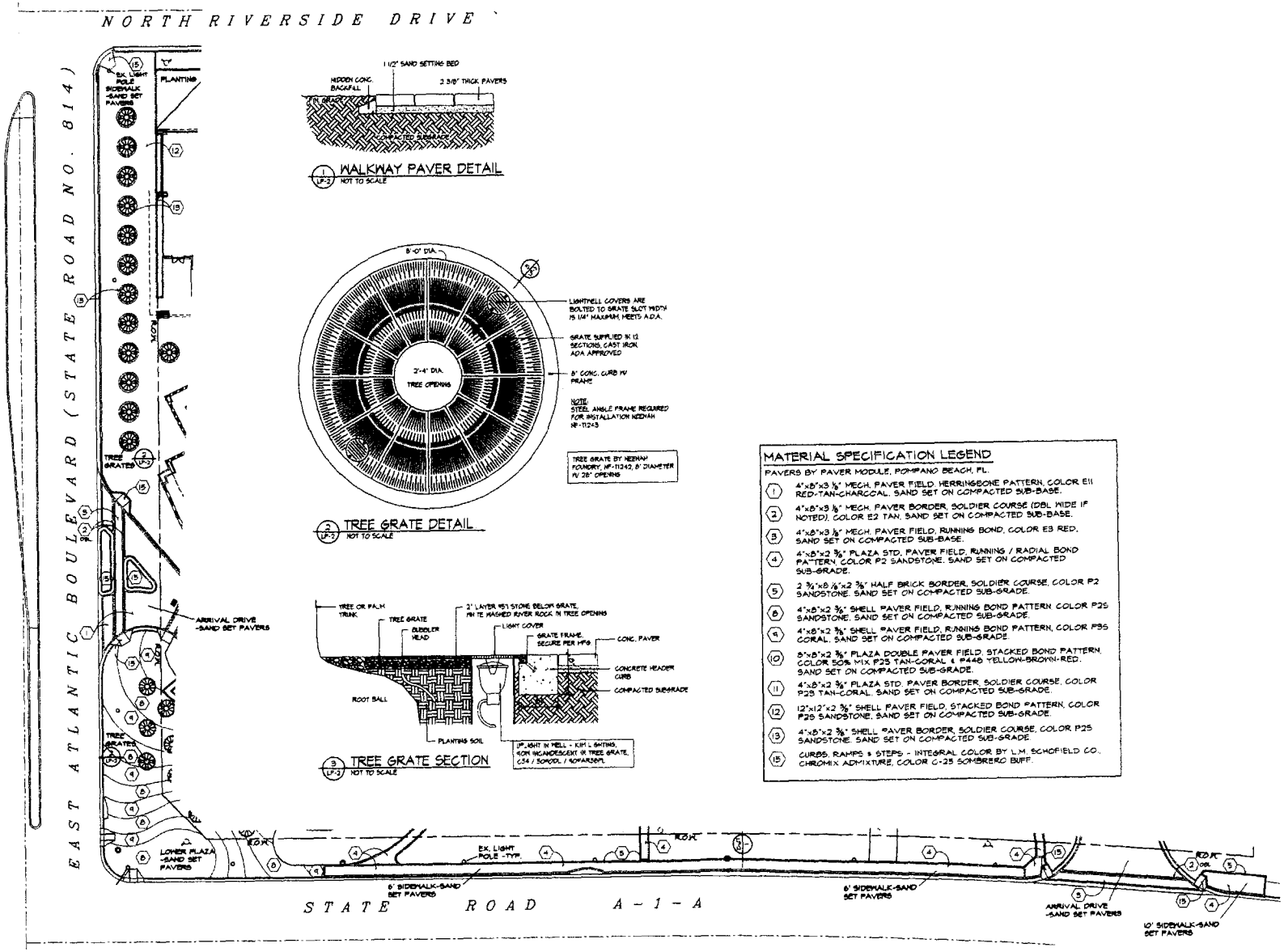
LP-1



MATERIAL SPECIFICATION LEGEND

PAVERS BY PAVER MODULE, POMPANO BEACH, FL.

1. 4"x8"x3 1/8" MECH. PAVER FIELD, HERRINGBONE PATTERN, COLOR E11 RED-TAN-CHARCOAL, SAND SET ON COMPACTED SUB-BASE.
2. 4"x8"x3 1/8" MECH. PAVER BORDER, SOLDIER COURSE (DBL WIDE IF NOTED), COLOR E2 TAN, SAND SET ON COMPACTED SUB-BASE.
3. 4"x8"x3 1/8" MECH. PAVER FIELD, RUNNING BOND, COLOR E3 RED, SAND SET ON COMPACTED SUB-BASE.
4. 4"x8"x2 3/8" PLAZA STD. PAVER FIELD, RUNNING / RADIAL BOND PATTERN, COLOR P2 SANDSTONE, SAND SET ON COMPACTED SUB-GRADE.
5. 2 3/4"x8 1/8"x2 3/8" HALF BRICK BORDER, SOLDIER COURSE, COLOR P2 SANDSTONE, SAND SET ON COMPACTED SUB-GRADE.
6. 4"x8"x2 3/8" SHELL PAVER FIELD, RUNNING BOND PATTERN, COLOR P25 SANDSTONE, SAND SET ON COMPACTED SUB-GRADE.
9. 4"x8"x2 3/8" SHELL PAVER FIELD, RUNNING BOND PATTERN, COLOR P35 CORAL, SAND SET ON COMPACTED SUB-GRADE.
10. 8"x8"x2 3/8" PLAZA DOUBLE PAVER FIELD, STACKED BOND PATTERN, COLOR 50% MIX, P25 TAN-CORAL & #446 YELLOW-BROWN-RED, SAND SET ON COMPACTED SUB-GRADE.
11. 4"x8"x2 3/8" PLAZA STD. PAVER BORDER, SOLDIER COURSE, COLOR P25 TAN-CORAL, SAND SET ON COMPACTED SUB-GRADE.
12. 12"x12"x2 3/8" SHELL PAVER FIELD, STACKED BOND PATTERN, COLOR P25 SANDSTONE, SAND SET ON COMPACTED SUB-GRADE.
13. 4"x8"x2 3/8" SHELL PAVER BORDER, SOLDIER COURSE, COLOR P25 SANDSTONE, SAND SET ON COMPACTED SUB-GRADE.
15. CURBS, RAMPS & STEPS - INTEGRAL COLOR, BY L.M. SCHOFIELD CO., CHROMIX ADMIXTURE, COLOR C-25 SOMBRERO BUFF.

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HARDSCAPE PLAN

OCEANSIDE

Pompano Beach, Florida

F.D.O.T. EXHIBIT

ISSUED
OCTOBER 2, 2007
DATE
H.C.B.
DRAWN BY
W.T.B.
APPROVED BY

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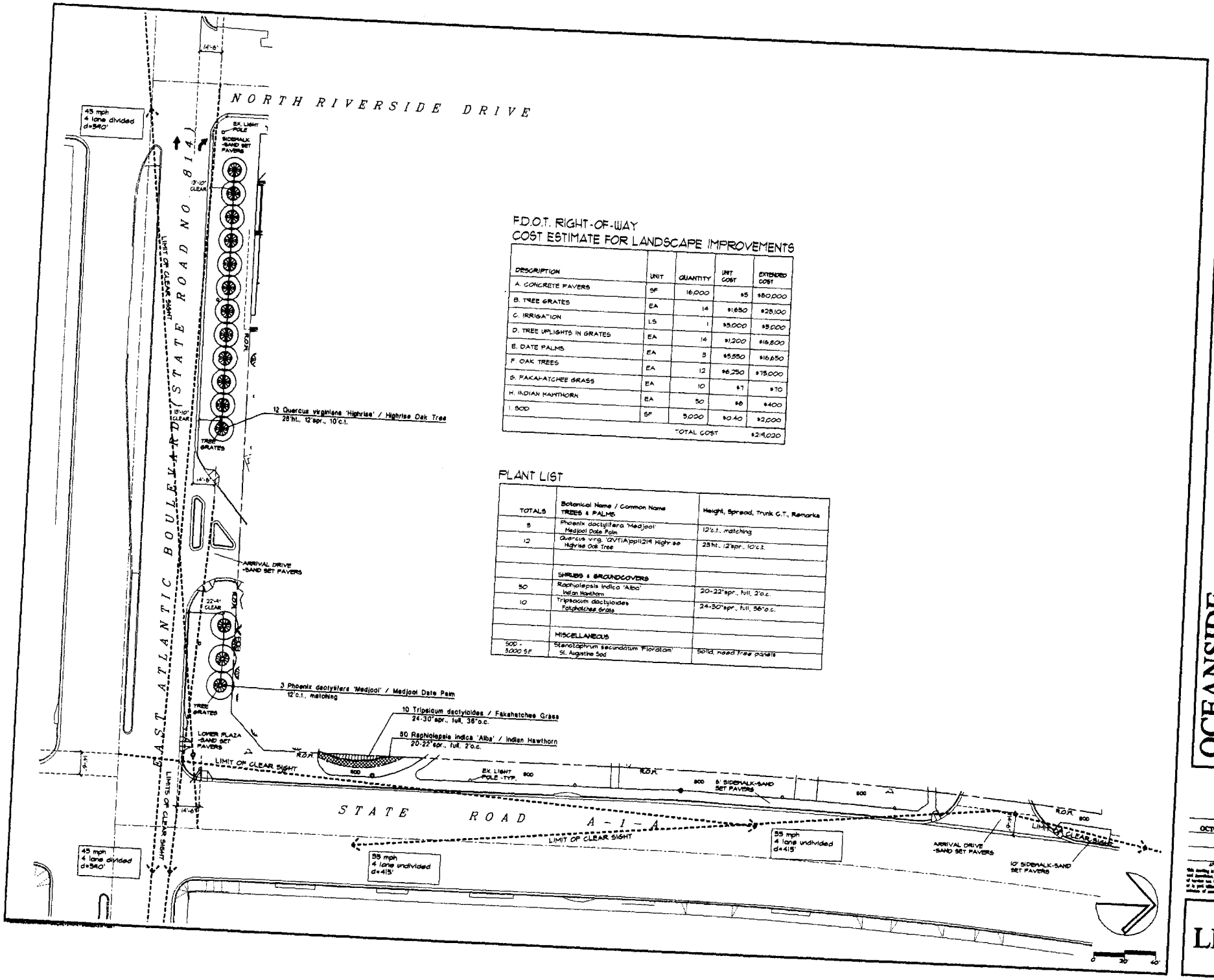
LP-2



F.D.O.T. RIGHT-OF-WAY
COST ESTIMATE FOR LANDSCAPE IMPROVEMENTS

DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENDED COST
A. CONCRETE PAVERS	SF	16,000	$5	$80,000
B. TREE GRATES	EA	14	$1,650	$23,100
C. IRRIGATION	LS	1	$3,000	$3,000
D. TREE UPLIGHTS IN GRATES	EA	14	$1,200	$16,800
E. DATE PALMS	EA	3	$5,550	$16,650
F. OAK TREES	EA	12	$6,250	$75,000
G. FAKAHATCHEE GRASS	EA	10	$7	$70
H. INDIAN HAWTHORN	EA	50	$8	$400
I. SOD	SF	5,000	$0.40	$2,000
		TOTAL COST		$219,020

PLANT LIST

TOTALS	Botanical Name / Common Name	Height, Spread, Trunk C.T., Remarks
	TREES & PALMS	
3	Phoenix dactylifera 'Medjool' Medjool Date Palm	12'c.t., matching
12	Quercus v.rg. (QVTIA)pp11219 Highrise Highrise Oak Tree	28'ht., 12'spr., 10'c.t.
	SHRUBS & GROUNDCOVERS	
50	Raphiolepsis indica 'Alba' Indian Hawthorn	20-22"spr., full, 2'o.c.
10	Tripsacum dactyloides Fakahatchee Grass	24-30"spr., full, 36"o.c.
	MISCELLANEOUS	
500 - 5,000 S.F.	Stenotaphrum secundatum 'Floratam' St. Augustine Sod	Solid, need Tree panels

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PLANTING PLAN

OCEANSIDE
Pompano Beach, Florida
F.D.O.T. EXHIBIT

REVISED
OCTOBER 3, 2007
DRAWN BY
B.G.H.
DESIGN BY
W.T.B.
APPROVED BY

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LP-3

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

EXHIBIT F

MAINTENANCE PLAN

See Attached

MAINTENANCE PLAN
Landscape Improvements

Project State Road No(s): SR 811, 814, 834, 844, 845, 849, 5, 9, A1A
Maintaining Agency: City of Pompano Beach

I. General Maintenance Requirements and Recommendations:
The purpose of a plan for landscape and irrigation 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 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 is recommendations prepared by the Landscape Architect of Record specific to the attached approved plans.

Watering Requirements:
Watering is a critical concern regarding the maintenance of healthy plant material and 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 as well as adhere 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 should be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Establishment of an integrated plant 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, and to specific pruning heights maintaining clear visibility for motorists, and vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions and all trees and palms (with particular attention to fronds and fruit) maintained to prevent potential roadway and pedestrian hazards. 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 should be noted on the planting plans. (See Specific Requirements and Recommendations per Approved Landscape & Irrigation Design for these guidelines). The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) of the medians are to be maintained at a height in compliance with FDOT Design Standards Index 546, Page 6 of 6, Window Detail.

Staking and Guying:
All staking materials, except for replacements, are 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.

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.

Weeding/Herbicide:
All planting areas shall be maintained as weed free as practicable enlisting integrated pest management practices in areas specified on the plans and by maintaining proper mulch levels.

Extreme care is recommended if using a chemical herbicide to avoid overspray onto plant materials. Any damage resulting from overspray is the applicator's responsibility to restore the plantings to the approved plans.

Plant Replacement:
Plant replacement shall be the same species and specification as the approved plan. Only plants graded Florida #1 per the Florida Department of Agriculture and Consumers Services, Grades and Standards for Nursery Plants is 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 specialty pavers and tree grates 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), Section 23 14 13 Interlocking Concrete Pavers, Part 3.05. If the pavers 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, 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 replace 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.

Maintenance 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.

Website: Series 600 Traffic Control through Work Zones
http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.htm

II. Specific Site Maintenance Requirements and Recommendations:
All Coconut Palms shall be kept fruit free year round to prevent potential safety hazards. The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) shall maintained at a height in compliance with *FDOT Design Standards Index 546*, Page 6 of 6, Window Detail.

REFERENCES

American National Standard Institute, *ANSI A300, (Part 1) for Tree Care Operations – Trees, Shrub, and Other Woody Plant Maintenance – Standard Practices (Pruning)*, available for purchase
http://webstore.ansi.org/ansidocstore/find.asp?

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Stock*, available for purchase
http://www.doacs.state.fl.us/pi/plantinsp/publications.html

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/rd/RTDS/06/544.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/rd/RTDS/06/546.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/rd/RTDS/06/700.pdf

Florida Department of Transportation, *FDOT Plans Preparation Manual (PPM) Vol. I Chapters 2.11.5, Horizontal Clearance to Trees; Table 2.11.9 Horizontal Clearance and Clear Zone; Figure 4.1.2 Clear Zone; and Table 25.4.11.1 Clear Zone Width (feet) and Table 25.4.14.6 (for existing) trees*
http://www.dot.state.fl.us/rddesign/PPMManual/2007/Volume1/2007Vol1.htm

Florida Department of Transportation, *FDOT Standard Specifications for Road and Bridge Construction, Section 580 Landscape Installation*
http://www.dot.state.fl.us/specificationsoffice/2007BK/580.pdf

Florida Department of Transportation, Landscape Architecture Website
http://www.dot.state.fl.us/emo/beauty/FLA.htm

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

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

Manual on Uniform Traffic Control Devices
http://www.mutcd.fhwa.dot.gov

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

Florida Department of Community Affairs (FCA), *Florida Board of Building Codes & Standards, Florida Accessibility Code for Building Construction*
http://www.dca.state.fl.us/fbc/publications/1_publications.htm

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

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

EXHIBIT G

PENDING DEPARTMENT PROJECT'S COST ESTIMATE

State Road 834
See Attached

State Road 814
See Attached

STATE ROAD 834 - PROBABLE LANDSCAPE COST ESTIMATE
FM # 228073-1-52-01

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
580-1-2					
	Medjool Date Palms	EA	44	6,950	305,800
	Live Oaks	EA	37	800	29,600
	Sabal Palms	EA	42	250	10,500
				Total	**345,900**

PBSJ

STATE ROAD 814 - ATLANTIC BOULEVARD LANDSCAPE PROBABLE COST ESTIMATE
FM# 227921-1-52-01

OVERALL LANDSCAPE COST ESTIMAET					
	UNIT COST	UNIT	QUANTITY	TOTAL COST	SPECIFICATION
TREES					
GUMBO LIMBO	$375.00	EA	34	$12,750.00	
BRIDALVEIL	$375.00	EA	8	$3,000.00	
JATROPHA	$125.00	EA	20	$2,500.00	
CRAPE MYRTLE	$212.50	EA	8	$1,700.00	
SIMPSON'S STOPPER	$112.50	EA	5	$562.50	
MYRSINE	$162.50	EA	4	$650.00	
SHRUBS					
DWARF CARISSA	$11.25	EA	1073	$12,071.25	
RED TIP COCOPLUM	$10.00	EA	68	$680.00	
GREEN ISLAND FIG	$12.50	EA	1550	$19,375.00	
SELLOUM	$10.63	EA	623	$6,622.49	
LEADWORT	$10.00	EA	1957	$15,250.00	
TRINETTE	$11.25	EA	296	$3,330.00	
PURPLE QUEEN	$3.75	EA	2580	$9,675.00	
DECORATIVE PAVERS					
	$26.00	SY	59.58	$1,549.08	
IRRIGATION					
ELECTRIC CONTROL VALVES	$144.00	EA	14	$2,016.00	
SOLAR IRRIGATION CONTROLLERS	$500.00	EA	8	$4,000.00	
4" POP-UP SPRAY HEAD; 4' X 15' SPRAY PATTERN	$6.60	EA	9	$59.40	
4" POP-UP SPRAY HEAD; 4' X 30' SPRAY PATTERN	$6.60	EA	181	$1,194.60	
4" POP-UP SPRAY HEAD; 10' HALF RADIUS NOZZLE	$6.60	EA	60	$396.00	
4" POP-UP SPRAY HEAD; 10' THIRD RADIUS NOZZLE	$6.60	EA	1	$6.60	
4" POP-UP SPRAY HEAD; 12' HALF RADIUS NOZZLE	$6.60	EA	224	$1,478.40	
1 1/4" LATERAL LINE	$3.90	LF	2400	$9,360.00	
1" LATERAL LINE	$3.00	LF	2730	$8,190.00	
3/4" LATERAL LINE	$2.20	LF	1240	$2,728.00	
1/2" LATERAL LINE	$1.80	LF	160	$288.00	
SODDING					
ST. AUGUSTINE	$0.52	SY	752.91	$391.51	
TOTAL OVERALL COST				**$119,823.83**	
05/07/07					

SECTION NO: 86170, 86130, 86028, 86003, 86065, 86013, 86050, 86020 & 86070
S.R. NO(S): 811, 814, 834, 844, 845, 849, 5, 9, A1A
COUNTY: BROWARD
FM No.(s): 419838-1-58-01
227921-1-52-01
228073-1-52-01

EXHIBIT H

PENDING AGENCY PROJECT'S COST ESTIMATE

State Road 811
See Attached

State Road A1A and State Road 814 (Atlantic Boulvard)
See Attached

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Dept.

SR 811 (Dixie Hwy.) Landscape Improvements- Cost Estimate for Plantings

Code	QTY.	Botanical Name / Common Name	Specifications	Unit Price Installed	Total
TREES / PALMS					
CR	27	Clusia rosea / Pitch Apple	B&B Field Grown, 6-7' OA.	$150.00	$4,050
CS	4	Cordia sebestena / Orange Gieger	B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader.	$360.00	$1,440
CU	2	Coccoloba uvifera / Sea Grape Tree	B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader.	$300.00	$600
LI	23	Lagerstroemia indica 'Muskogee' / Lavender Crape Myrtle	B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader.	$300.00	$6,900
PE	3	Ptychosperma elegans / Solitaire Palm	B&B field Grown, 14' OA, 3" cal., single trunks	$250.00	$750
QV	6	Quercus virginiana / Live Oak	45 Gal., 12' X 5-6'., 2" DBH., single straight leader.	$437.50	$2,625
SP	21	Sabal palmetto / Cabbage Palm	B&B Field Grown, Staggered Hts., See Plan for Heights	$162.50	$3,413
TD	45	Taxodium distichum / Bald Cypress	25 Gal., 10-12' OA.	$187.50	$8,438
ACCENTS / SHRUBS / GROUND COVERS					
BSD	24	Bougainvillea spp. / Dwarf Bougainvillea Shrub	3 Gal., 2' OC.	$11.25	$270
Cl R	132	Chrysobalanus icaco / 'Red Tip' Cocoplum	3 Gal., 24" OA, 2' OC	$9.38	$1,238
FMG	688	Ficus microcarpa / Green Island Ficus	3 Gal., 18-24" OA, 2' OC.	$12.50	$8,600
HPF	560	Hemalia patens / Fire Bush	3 Gal., 3' OC	$10.00	$5,600
PSF	280	Pennisetum setaceum / Fountain Grass	3 Gal., 2' OC.	$8.75	$2,450
SAG	108	Schefflera arboricola 'Gold Capella' / Gold Capella Schefflera	3 Gal., 24" OA, 2' OC .	$9.38	$1,013
SRS	375	Serenoa repens / Saw Palmetto Silver	3 Gal., 20" x 20"	$30.00	$11,250
TDF	500	Tripsacum dactyloides / Fakahatchee Grass	3 Gal., 24"-30" OA, 3' OC	$9.38	$4,688
SOD	108,528 sq.ft.	Stenotaphrum secundatum / St. Augustine 'Floratam'	Solid application - no gaps between seams	0.32	$34,729.00

Total Planting Cost:	**$98,052**
Dollar Amount to be paid by FDOT Grant Funds:	**$45,730**
Additional Planting Cost to be paid for by Applicants Matching Funds:	**$52,322**

** Prices shown are for both Plant Material & Installation of Specified Material, Including Soil Backfill, Fertilizer & Mulch.*
** Totals are Rounded to the Nearest Dollar.*

OCEANSIDE - F.D.O.T. RIGHT-OF-WAY
COST ESTIMATE FOR LANDSCAPE IMPROVEMENTS
OCTOBER 2, 2007

Description	Unit	Quantity	Unit Cost	Extended
a. Concrete Pavers	SF	16000	$5	$80,000
b. Tree Grates	EA	14	$1,650	$23,100
c. Irrigation	LS	1	$5,000	$5,000
d. Tree Uplights in Grates	EA	14	$1,200	$16,800
e. Date Palms 12' c.t. Dactylifera	EA	3	$5,550	$16,650
f. Oak Trees, 25'ht., 12' spr., 10'c.t.	EA	12	$6,250	$75,000
g. Fakahatchee Grass	EA	10	$7	$70
h. Indian Hawthorn	EA	50	$8	$400
i. Floratam Sod	SF	5000	$0.40	$2,000
TOTAL COST				**$219,020**