86020 & 86070

S.R. NO(S): 811, 814, 834, 844,

845, 849, 5, 9, A1A

COUNTY:

BROWARD 419838-1-58-01

FM No.(s): 419838-1-58-01 227921-1-52-01

228073-1-52-01

DISTRICT FOUR (4) MAINTENANCE MEMORANDUM OF AGREEMENT INCLUSIVE AGREEMENT

WITNESSETH:

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

Page 1 of 21

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 ongoing 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, subcontractors, 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 Page 7 of 21

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**;
- 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

Rv

Attest:

District Transportation Development Director

Executive Secretary

DAKEN OF TRANS

Attest:

lerk

SEAL)

Approval as to Form

Date

Approval as to Form

Page 10 of 21

STATE OF FLORIDA COUNTY OF BROWARD

	nowledged before me this 20th day of R 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.	<u> </u>
	Wester found
NOTARY'S SEAL:	NOTARY PUBLIC, STATE OF FLORIDA
	Asceleta Hammond
ASCELETA HAMMOND	(Name of Acknowledger Typed, Printed or
MY COMMISSION # DD621095 EXPIRES: January 07, 2011	Stamped)
1-80-3-NOTARY FI. Notary Discount Assoc. Co.	• /
	Commission Number
STATE OF FLORIDA COUNTY OF BROWARD	
	00.1
The foregoing instrument was ack November 2007 by KEITH CHAI	nowledged before me this 20th day of
, zoo, oy inciti ciri	DWELL , as City Manager of the City of Pompano behalf of the municipal corporation, who is
personally known to me.	^ ·
	Uscella Heund
NOTARY'S SEAL:	NOTARY PUBLIC, STATE OF FLORIDA
NOTACL SELLE.	,
ASCELETA HAMMOND &	Asceleta Hammond
MY COMMISSION # DD621095 EXPIRES: January 07, 2011	(Name of Acknowledger Typed, Printed or Stamped)
1-800-3-NOTARY FI. Notary Discount Assoc. Co.	Stampedy
	Commission Number
	Commission Number
STATE OF FLORIDA	
COUNTY OF BROWARD	
The foregoing instrument was ack	nowledged before me this 20th day of
November , 2007 by MARY L. Cl	HAMBERS as City Clerk of the City of Pompano
	behalf of the municipal corporation, who is
personally known to me.	
	assoleta for
NOTARY'S SEAL:	NOTARY PUBLIC, STATE OF FLORIDA
S ASCRI ETA II I I I I I I I I I I I I I I I I I	Asceleta Hammond
MY COMMISSION # DD621095	(Name of Acknowledger Typed, Printed or
1-800-NOTARY FI, Nosary Discount Assoc, Co.	Stamped)

	Commission Number

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 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. <u>5.129</u> (C.C. Canal) to M.P. <u>11.619</u> (SW 15th Street)

SR 814 (Atlantic Blvd.)

M.P. <u>1.175</u> (Turnpike) to M.P. <u>2.482</u> (NW 31 Ave.) and M.P. <u>3.228</u> (SR 849) to M.P. <u>7.870</u> (SR A-1-A)

SR 834 (Sample Road)

M.P. <u>5.030</u> (Turnpike) to M.P. <u>9.481</u> (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. <u>8.680</u> to M.P. <u>12.039</u> (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.



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 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)

86020 & 86070

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845, 849, 5, 9, A1A

COUNTY:

BROWARD

FM No.(s): 419838-1-58-01

227921-1-52-01 228073-1-52-01

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 Read 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 HighwayTransportation 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.

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 1-95 TO WEST OF US-1
LANDSCAPE PLANS

INDEX OF LANDSCAPE PLANS

LO-8 through LO-10 EXISTING TREE SUMMARY LO-11 through LO-28 LANDSCAPE PLANS

LD-30 Through LD-47 IRRIGATION PLANS

SHEET DESCRIPTION

IRRIGATION DETAILS

TABULATION OF QUANTITIES / PLANT SCHEOULE

GENERAL AND PAY ITEM NOTES

KEY SHEET

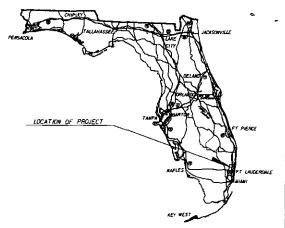
SHEET NO.

LD-2 through LD-6

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LD-7

LD-29



LANDSCAPE SHOP DRAWINGS TO BE SUBMITTED TO:

HARRY BELTON, RLA PBSBJ. 3230 W. COMMERCIAL BLVD., SUITE 100 FORT LAUDERDALE, FLORIDA 33309 PHONE: 691733-7233 VENDOR NO. 59-0896/38

PLANS PREPARED BY:

PBS&J
3230 W, COMMERCIAL BLVD., SUITE 100
FORT LAUDERDALE, FLORIDA 33309
PHONE; 19541 733-7233
VENDOR NO. 59-0896138
CONTRACT NO. C-6565
FBPR CERTIFICATE OF AUTHORIZATION NO. 24

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

KEY SHEET REVISIONS

DATE BY DESCRIPTION

LANDSCAPE PLANS LANDSCAPE

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

FISCAL SHEET YEAR NO.

09 LD-1

FDOT PROJECT MANAGER: VANITA SHARMA, P.E.

20154

5/15/2007

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L RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE GIGO-II.CM, F.A.C.

, PAY ITEM NO.	PAY	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED	MAXIMUM MAINTAINED	SPACING	REWARKS	UNIT	<u> </u>				NUMBERS			•	71	TAL HIS		PAND TAL
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Horry Bellon, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Shid.
Suite 100
Fort Lauderdale, FL 33309
(954) 733-7233

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID BROWARD 227921-1-52-01

TABULATION OF QUANTITIES PLANT SCHEDULE

SHEET LD-2

PAY	PAY	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED MAXIMUM SPACING							SHEET A	ET NUMBERS					TOTAL THIS		AND	
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ļ <u>.</u>	SMALL	ΓP	TRADESCANTIA PALLIDA 'PURPUREA'	PURPLE QUEEN	6" x 8"		12" O.C.	/ GALLON	EA	0		529		448		0		977			
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	Harry Balton
	R,L.A. No.
	3230 W. Comme Suite I
Cortificate of	Fort Lauderdale
Authorization No. 24	(954) 733
Post Bucatey Schuh & .	iernigen, inc., d/b.

Harry Bellon, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Blvd.
Suite 00
For! Lauderdale, FL 33309
(954) 733-7233
Jernigan, Inc., d/b/o/ P85a/

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION											
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TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-4

20350

PAY PAY		SYM	BOTANICAL NAME	COMMON NAME	INSTALLED	MAXIMUM MAINTAINED	SPACING	9544946					SHEET	NUMBERS			,	7	TAL H/S		RAND
ITEM NO.	SIZE		BOTATICAL HARE	COMMON HAME	SIZE	SIZE	SPACING	REMARKS	UNIT				-24		-25		-26	SH	EET		DTAL
580~1~1	SMALL	CM	CARISSA MACROCARPA	DWARF CARISSA	15" x 18"	 	18" O.C.	7.044.04		PLAN	FINAL		FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
	JMACE		'EMERALD BLANKET'	DIFATE CANDON	15 % 16		10 0.0.	3 GALLON	EA		<u> </u>	116		131	 	0		247			+
	SWALL	CI	CHRYSOBALANUS ICACO	RED TIP COCOPLUM	18" X 18"		24" O.C.	3 GALLON	EA	0		. 0		0	-	0		O			
				THE THE COURT LOW	70 7 70	 -	27 0.0.	J GALLON	EA		 			<u> </u>				- 0		<u> </u>	
	SMALL	FM	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FIG	12" x 10"		18" O.C.	3 GALLON	EA	0		369		234		272		875			
	SMAĻĻ	PBS	PHILODENDRON BIPINNATIFIDUM	SELLOUM	20" x 20"		30" O.C.	3 GALLON	EA	0		102		123		90		3/5			-
	SMALL	PA	PLUMBAGO AURICULATA	LEADWORT	18" x 18"		18" O.C.	3 GALLON	EA	- 0		69		498		203		770			
			'IMPERIAL BLUE'					- CHILLON													
	SMALL	SAT	SCHEFFLERA ARORICOLA 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.	I GALLON	EĄ	120		882		282		319		1603			
580-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 6'				ĒΑ	O		3		9		7		19			
	LARGE	cc	CAESALPINIA GRANADILLO	BRIDALVEIL	10' x 5'				ËA	- 0				2		1	···	4			
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' x 3'				EA	0		5		ō		_0		5			<u> </u>
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'	<u> </u>			ËΑ	3		0		0		0		3			
	LARGE	WF	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		<u> </u>				SY	0		89.52		243.04		169.18		501.74			<u> </u>
590-70			IRRIGATION SYSTEM						LS												
526-1-2			PAVERS						SY	0	<u></u>	0		0		0		0			
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	Harry Bellon, R.L.A.
	R.L.A. No.: 900
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	Sulta 100
ante of 🔑	Fort Lauderdote, FL 33309
zatkon No. 24	(954) 733-7233
	ternione for d/h/a/ ODES

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

TABULATION OF QUANTITIES
PLANT SCHEDULE

SHEET NO. LD-5

PAY	PAY	SYM	BOTANICAL NAME	COMMON NAME	INSTALLED	MAXIMUM				1			SHEET	NUMBERS			*	70 7/		RAND	
TEM NO.	SIZE	31 #	BUI ANTUAL NAME	COMMON NAME	SIZE	MAINTAINED SIZE	SPACING	REMARKS	UNIT)- <i>27</i>		-28			ļ <u>.</u>		SHL	ET	ro	TAL
-00 (CITAL .				.	9.22		ļ <u>-</u>		PLAN	FINAL.	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINA
80-1-1	SHALL	CM	CARISSA MACROCARPA 'EMERALD BLANKET'	DWARF CARISSA	15" x 18"		18" O.C.	3 GALLON	EA	0		0						0		1073	
	 		Carrage Brance	 				 				Ļ——			ļ			<u> </u>			·
	SMALL	C/	CHRYSOBALANUS ICACO	RED TIP COCOPLUM	18" x 18"	ļ	24" O.C.	3 GALLON	EA	-	+	-0			ļ			0		68	
	ļ —						0.0.0	, onces	-54		 	├ ॅ	 			 -	 			DO	
	SMALL	FN	FICUS MICROCARPA	GREEN ISLAND FIG	12" X 10"		18" O.C.	3 GALLON	EA	0		0	 				_	0		/550	
		Ĺ,	'GREEN ISLAND'																		_
_	CHALL	DDC	PHILODENDRON		<u> </u>																
	SMALL	7.63	BIPINNATIFIDUM	SELLOUM	20" x 20"	}	30° o.c.	3 GALLON	EA	0		0	<u> </u>		ļ			0		623	
	┪		En linear II Izon	 	 			 -			 				<u> </u>						
	SHALL	PA	PLUMBAGO AURICULATA	LE ADWORT	18" X 18"		18* O.C.	3 GALLON	ĒΑ	0	 -	0					`	0		/525	
	L		'IMPERIAL BLUE'																		
	SMALL	SAT	SCHEFFLERA ARORICOLA	TRINETTE	18" X 18"	ļ	24' O.C.	3 GALLON	EA	0		0						0		296	
	 		TRINETTE		 -			<u> </u>			<u> </u>	ļ	ļ <u>. </u>								
	SMALL	TP	TRADESCANTIA PALLIDA	PURPLE QUEEN	6" x 8"	 	12" O.C.	I GALLON	ĒΑ	0		0						0		2580	
	 	 	'PURPUREA'	TOTAL GOLLA	1				1			- <u>-</u> -	· · · · ·							2000	
	l				 								1								
80-1-2	LARGE	BS	BURSERA SIMARUBA	GUMBO LIMBO	12' X 5'				EA	0		0						0		34	
	1	ļ										L									
	LARGE	ce	CAESALPINIA GRANADILLO	BRIDALVEIL	10' X 5'			ļ.————	EA		<u></u>	0						!		8	
	LARGE	JI	JATROPHA INTEGERRIMA	JATROPHA	6' X 3'				EA	0		-0					_	0		20	
	L. T.O.C.	٠	DATTIOT HAT IN TEGERATION	SATIOTIA	1 0 ^ 3 -			 		U	<u> </u>	 						<u> </u>		-20	
	LARGE	LM	LAGERSTROEMIA 'MUSKOGEE'	CRAPE MYRTLE	10' X 5'			 	EA	0	t	0						0		9	
	1.	Ι																			
	LARGE	MF	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	6' X 3'				EA	0		0						0		5	
_	LARGE	RP	RAPANEA PUNCTATA	AND OF WE	71 11 41	ļ					ļ	<u> </u>	-				_	_		4	
	LAMBE	KP.	RAPANEA PUNCTATA	MYRSINE	8' X 4'	-			EA	0		0						0		4	
_	 		PREPARED SOIL LAYER		<u> </u>	 			57	27.71		0	-					27.71		752.9/	
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590-70		<u> </u>	IRRIGATION SYSTEM						LS												
505 \ 5	ļ	ļ	2005	ļ	 				ļ <u></u>		· ·							59.58			
526-I-2	-	├ ─	PAVERS		 	-		 	SY	0	 	0						29.30			
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			REVISIONS					orry Bellon. R.L.A.			FLORIDA	_	T	-							SHEET
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R.L.A. No.: 500 3230 W. Commercial Blvd. Sulfa 100 ort Louderdale, FL 33309 (954) 733-7233 igan, inc., d/b/a/ PBSA.

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

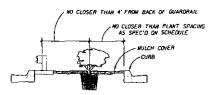
TABULATION OF QUANTITIES PLANT SCHEDULE

LD-6

- 2. CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND REMOVAL TO ASSURE THAT TREES SCHEDULED FOR DEMOLITION ARE PROPERLY REMOVED AND TREES TO ARE PROFECTED FROM CONSTRUCTION RELATED DAMAGE.
- J. CONTRACTOR SHALL PROVIDE TREE PROTECTION ACCORDING TO THE STANDARD FADIT, DETAILS MIDEX 544. ANY DAMAGE TO EXISTING LANGSCAPING DUE TO CONSTRUCTION ACTIVITY ISSUEM AS CURB AND GUTTER INSTALLATIONS HALL BE MITRACTOR'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 500 OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD MOSES 544,546,8 TOD. ALL PLANT MATERIAL SHALL BE PROVIDED TO MEET ALL CLEAR SENT REQUIREMENTS.
- 6. ABOVE AND BELOW GROUND UTILITIES LOCATIONS SHALL BE VERIFIED BY THE LANDSCAPE CONTRACTOR PRIOR TO COMMERCING WORK IN THE PROJECT AREA. IF UTILITY CONFLICTS ENSITY, THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF THE PROJECT LANDSCAPE ARCHITECT WHO SHALL COORDINATE ANY NECESSAY ADAPTMENTS, WHEN WORKING IN THE AREA WHORE UTILITYES ARE KNOWN TO EXIST, UTILITY LOCATIONS MAY NEED TO BE STAKED BY A SURVEYER OF THE UTILITY COMPANY, THE CONTRACTOR HAS THE OPTION TO CALL UNCLE. AT 1-800-432-470 TO SCHEDULE LOCATION OF UTILITIES THAT SUBSCRIBE TO THEM SERVICE.
- 7. NO SUBSTITUTIONS ARE TO BE WADE WITHOUT PRIOR CONSENT OF THE PROJECT LANDSCAPE ARCHITECT, PLANT WATERIAL SUPPLY IS THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL TAKE STEPS TO INSURE AVAILABILITY AT THE THE OF PLANTING.
- 8. CONTARCTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES PRIOR TO BIODING, ANY AND ALL DISCREPANCIES SHALL BE FORWARDED TO THE PROJECT WANDER BEFORE BID SUBUITTAL LANDSCAPE PLANS SHALL TAME 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, SOO, IRRIGATION, OR ANY OTHER STRUCTURE HE HAS DAMAGED.
- 9. THE DESIGN SPEED IS (45) MPH

IG-LANDSCAPING TO BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES

THE MAINTAINING ATHORITIES IS: THE CITY OF POMPANO BEACH ATTENTION; ARROLD MCRAY 1990 NE J AVE 1954/186-4012



SHRUB OFFSET DETAIL

I, INCLUDES THE COST OF GENERAL & & 16 FERTILIZER CONTAINING TRACE ELEMENTS OF INCAI, MANGAMESE, BORON, AND MAGHESIAN TO BE APPLIED AT THE TIME OF PLANTING. FERTILIZE AT A RATE OF;

AT THE TIME OF FUNDAMEN.
FERTIUZE AT A RATE OF:

*/LIBS.FOR 3 GALION MATERIAL

*I LIBS.FOR 6"-8" TREES AND PALMS

*2 LIBS.FOR 10"-12" TREES AND PALMS

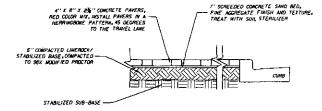
- INCLUDES THE COST OF SOIL WIN FOR PLANT BACKFILL WHICH SHALL BE BOX EXISTING TOP SOIL AND 20X PEAT OR OTHER DEPARTMENT APPROVED COUNTS MATERIAL CONTINCING WHILL PROVICE A SPECIFICATION OF COUNTST UNIFICAL TO BE USED AT THE PRE-CONSTRUCTION MEETING, CONTINCING SHALL ALSO ADD TO THE BACKFILL SOIL WAS THE OTHER ADDITINES SPECIFIC ON THIS PAGE.
- INCLUDES THE COST OF MULCH FOR SHRUBS AND THEE PLANTING, MULCH SHALL BE SHREOMED FUCALYPTICS WHICH, GRADE A OR APPRINGED WELALERCA.
- 4. INCLUDES THE COST OF PROVIDING WATER TO INSTALLED PLANT WATERIAL IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HISURE ALL NEW PLANTING RECEIVES ADEQUATE WATER OURING THE WISTRALIATION AND THROUGHOUT THE PLANT WARPHANTY PERSON. DEEP WATERING OF ALL NEW PLANTS AND ANY SUPPLEMENTARY WATERING THAT MAY BE REQUIRED TO AUGUST HATURAL RANKFALL OF POSSIBLE WARRANTON IS MANDATOW TO INSURE PROPER PLANT DEVELOPMENT.
- 5. INCLUDES THE COST OF INSTALLATION OF MY TOP SOIL IN ALL LANDSCAPE AREAS WHERE PAVEMENT WAS REMOVED. AREAS MUST BE COMPLETED FRANKED OF ALL PAVEMENT, POLO POCK, AND ANY KIND OF CONSTRUCTION CERRS AND ALL COMPACTED SUBGRADE COOSENED. ETCHATION AND PENOVAL SHALL BE PAUD FOR INDEED PAY ITEM 10-1. REPLACEMENT SOIL SHALL MEET THE REQUIREMENTS OF SECTION BUT OF THE FLOAT, STANDARD SECTION TONS FOR POAD AND BRIDGE CONSTRUCTION.

PAY ITEM 580-1-1

I, INCLUDES THE COST OF HERBICIDE AS ALL PLANTING BEDS ARE TO THE MESTALLATION OF PLANT MATERIAL AFTER ONE WEEK, REMOVE ALL DEAD AND UNDESTRABLE PLANT MATERIAL. PREPARE PLANT BED, AND ON INSTALL SHOUGS.

PAY ITEM 580-1-2

- I. INCLUDES THE COST OF INCORRHIZAL INRICULANT, CONTRACTOR SHALL ADD INCORRHIZAL MOCULANT IN THE TOP B" OF BACKFILL OF EACH TREE OR PALM AT A RATE AS SPECIFIED BY THE UNIVERSITYING
- 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 REWAIN, BARRIERS SHALL BE IN ACCORDANCE
 WITH WOCK SAM OF THE FIDIT. DESIGN STANDARDS.
- 3. INCLUDES THE COST OF STAKING & GUYING OF TREES IN ACCORDANCE WITH INDEX
 544 OF THE FULLI, DESIGN STANDARDS.



TYPICAL PAVER/CONCRETE HEADER CROSS SECTION

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FOR SPACING DISTANCE BETWEEN PLANTS OF DIFFERENT SPECIES USE THE LARGER SPACING SPECIFIED ON THE PLANT SCHEDULE SER NO CLOSER TO THE EDGE OF MILLOH IS TO BE NO CLOSER TO THE PLANT THAN THE PLANT SPACING DISTANCE AS SPECIFIED ON THE PLANT SCHEDULE FOR THAT SPECIES MULCH COVER 5000

SHRUB MASS SPACING DETAIL

N.T.S.

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l	[[ļ	, ,	1	Certificate of	Sulte 100 Fort Lauderdole, FL 33309	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DATE PREMI MOREC	\Box
1						Authorization No. 24	(954) 735-7 <u>23</u> 3	814	BROWARD	227921-1-52-01	PAY ITEM NOTES	LD-7
<u> </u>						Past Buckley Schull &	Jernigan, inc., d/b/a/ PBS&J		1	.1		

CE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE BOOG-11.0.

EX	ISTING	TREE SUM	(MAR)	1		<u></u>						
Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE	D8H TINCHES)	CANDPY (SOUARE 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			1				253+03.86	28.00 L	 			MISSING
83	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	МО		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	1/3.86 L	- X			GOOD CONDITION
86	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	МО		20	6	256+50.27	95.03 L	X			GOOD CONDITION
87	BOTTLEBRUSH	CALLISTEMON VIMINALIS	MO	10	314		260+97.11	194.77 L				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	l	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
9/	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	16	804		263+00.99	23.68 L	- 2) <u>-</u>	1	GOOD CONDITION
92			 				262+87.97	79.41 L				MISSING
93	BOTTLEBRUSH	CALLISTEMON VIMINALIS	NO	10	3/4		263+52.75	145.92 L	x		-	POOR CONDITION
94	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	12	452		264+49.03	141.54 L	x		———i	QEAD .
95	MAHOGANY TREE	SWIETENIA MAHOGAHI	YES	16	804		265+01.88	87.05 L	- X			POOR CONDITION
96			1			·	265+24.16	107.29 L			-	WISSING
97	SABAL PALM	SABAL PALMETTO	YES		5' DIA.		267+41.28	99.49 L	×			GOOD CONDITION
98	NAHOGANY TREE	SWIETENIA MAHOGANI	YES	/5	707		272+65.20	92.71 R	'			FAIR CONDITION
99	MAHOGANY TREE	SWIETENIA MAHOGANI	res	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	PTYCHOSPERNA ELEGANS	NO		75E	9	277+75.10	87.88 R	- X	 		GOOD CONDITION
102	GUMBO LIMBO	BURSERA SIMARUBA	YES		79		278+00.43	10.52 R	- x	 		GOOD CONDITION
103	GUMBO LIMBO	BURSERA SIMARUBA	YES		50		278+43.58	45.35 R	x			GOOD CONDITION
104	SOLITAIRE PALM	PTYCHOSPERNA ELEGANS	NO NO	_ ` _	16	ю	278+66.15	66.88 L	- -			GOOD COMDITION
105	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO I		16	#	278+97-21	03-80 L	X			GOOD CONDITION
106	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	HO		15	10	282+69.36	12.85 L	- X			GOOD CONDITION
107	SOLITAIRE PALM	PTYCHOSPERNA ELEGANS	NO NO		<i>1</i> 6	ю	283+10.12	13.49 R	X			GOOD CONDITION
108	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	10	283+10.12 283+70.08	13.49 K	X Y	l		
109	GUMBO LIMBO	BURSERA SIMARUBA	YES	-8		_~						GOOD CONDITION
110	SABAL PALM	SABAL PALMETTO	YES	_ * -	201	12	284+65.49	80.94L	X			POOR_CONDITION GOOD_CONDITION
111			+		12		284+65.02 285+35.12	70.67 L				
112	SOLITAIRE PAUL	PTYCHOSPERNA ELEGANS	NO		#5			0.88 R	X	*,		GOOD CONDITION
113	SOLITAIRE PAUL	PTYCHOSPERMA ELEGANS	- NO		#5 #6	<u>10</u>	285+86.58	3.72 L	Х			GOOD CONDITION
113	SOLITAIRE PALM SABAL PALM	PTYCHOSPERMA ELEGANS SABAL PALMETTO	NO YES		12	13	286+45.49 288+56.04	8.69 L 46.34 R	X	ļ 		GOOD CONDITION
#5	SABAL PALM	SABAL PALMETTO	755	— +	12	13 15		47.22 R				GOOD CONDITION GOOD CONDITION
116					10		288+64.9I 288+76.IO	48-62 R				
117	PYGMY DATE PALM PYGMY DATE PALM	PHOENIX ROEBELENII PHOENIX ROEBELENII	MO		10	13	288+75-10	48.02 R	у			FAIR CONDITION FAIR CONDITION
118	PYGMY DATE PALM	PHOENIX ROEBELENII	NO		10	13		47.96 R	X			FAIR CONDITION
119	PYGMY DATE PALM	PHOENIX ROEBELENII	MO		10	13	289+05.45		- X			FAIR CONDITION
120	SABAL PALM	SABAL PALMETTO	YES	 	12	13	289+18.67 289+29.52	48.02 R 46.00 R	X		_ 	GOOD CONDITION
121	SABAL PALM	SABAL PALMETTO	rES		12	/5				·		
122	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	14		- ''-	289+35.07	5/.54 R 5.00 L	. х			GOOD CONDITION
123					6/5		290+41.05				<u> </u>	POOR CONDITION
	COCOMUT PALM	COCOS NUCIFERA	HO		30	20_	290+90.64	5.15 L			X	GOOD_CONDITION

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	Authorization No. 24

Harry Bellon, R.L.A.

R.L.A. No.: 900
3230 W. Comercial Bird.

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For! Loaderde, FL 33309
1954/ 733-7233

814 Post Buckley Schuts & Jernigon, Inc., 6/b/a/ PBS&J

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID COUNTY 227921-1-52-01 BROWARD

EXISTING TREE SUMMARY

SHEET LD-8

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EX	ISTING	TREE SUM	MAR'	7								
Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE (YES OR NO)	(23KON)	CANOPY (SQUARE FEET)	CLEAR WOOD (FEET)	STATION	OFFSET	REMA!N	RELOCATE	REMOVE	COMMENTS
124	COCONUT PALM	COCOS MUCIFERA	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	YE5	-	12	20	296+40.59	1.54 L	Х			GOOD CONDITION
127	COCONUT PALM	COCOS NUCIFERA	MO		30	10	290+80.00	2.27 R	X			GOOD CONDITION
128	COCONUT PALM	COCOS MUCIFERA	MO		30	12	297+04.68	0.00	X			GOOD CONDITION
129	COCONUT PALM	COCOS NUCIFERA	MO		30	22	301+90.00	0.00	X			GOOD CONDITION
130	COCONUT PALM	COCOS MUCIFERA	MO		30	18	302+13-33	0.75 R	X			GOOD CONDITION
131	BUTTERFLY PAUL	CHRYSALIDOCARPUS LUTESCENS	MO		5 DIA.		302+38.72	0.47 R	X			CLUSTER, 4' OVERALL HEIGHT, GOOD CONDITION
/32	SABAL PALM	SABAL PALMETTO	YES		12	28	302+66.45	1.54 R	X			GOOD CONDITION
133	SABAL PAUM	SABAL PALMETTO	YE5		12	28	302+82.30	2.5/ L	X			GOOD CONDITION
/34	WADAGASCAR OLIVE	NORGHNIA EMARGINATA	MO	5	79		303+27.64	0.53 R	X			GOOD CONDITION
/35	COCOMUT PALM	COCOS MICIFERA	MO.		30	24	303+57.59	0.00	x			GOOD CONDITION
/36	COCONUT PALM	COCOS MUCIFERA	AK)		30	20	304+18.26	0.83 R	X			GOOD CONDITION
137	COCONUT PALM	COCOS NUCIFERA	MO.		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	YE5		20	12	305+48.07	55.21 R	X			GOOD CONDITION
140	ROYAL PALM	ROYSTONEA ELATA	YES		20	12	305+68.46	55.20 R	X			GOOD CONDITION
141	COCONUT PALM	COCOS MUCIFERA	NO		30	22	309+83.63	2.34 R			X	GOOD CONDITION
143	COCOMUT PALM	COCOS NUCIFERA	\				310+13.40	1.98 R	\			MISSING GOOD CONDITION
144			NO		30	22	3/0+30.92	2.17 R	<u> </u>		X	
145	COCONUT PALM WILD TAMARIND	COCOS MUCIFERA	NO NO	10	30	48	3/0+75 69	0.67 L			X	GOOD CONDITION
146	WILD TAMARIND	LYSILONA LATISILIQUA	- NO	-12	314 452		3/4+6/.08	110.01 L				GOOD CONDITION
147	WILD TAMARINO	LYSILOMA LATISILIQUA	NO		20/		314+61.08	87-55 L	X			GOOD CONDITION
<u> </u>	WILD TAMARIND	LYSILONA LATISILIQUA LYSILONA LATISILIQUA	MO	-8	201	<u> </u>	3/4+84./7	82.47 L	. X			GOOD CONDITION
148	MAHOGANY TREE	SWIETENIA MANHOGANI	YES	10	314	<u> </u>	3/5+02-43	77.07 L 56.3/ L	X			GOOD CONDITION
150	MANUGANT TREE	SHIE FERNA MANINUGARI	,63	_~	314	<u> </u>	314+94.92 315+16.48	55.52 L	^			MISSING
	WILD TAMARIND	LYSILOMA LATISILIQUA	NO I		700			65.34 L	7			GOOD CONDITION
151 152	WAHOGANY TREE	SWIETENIA MAHOGANI	YES	9	380 254		3/5+38.10	55.32 L	X			GOOD CONDITION
153	WILD TAMARIND	LYSILOMA LATISILIQUA	MO	0	314			65.58 L	x			GOOD CONDITION
154	WILD TAMARIND	LYSILOMA LATISILIQUA	MO	14	6/5		315+87.23	65.78 L	- - 			GOOD CONDITION
155	MAHOGANY TREE	SNIETENIA MAHOGANI	YES	4	50			53.09 L	X			FAIR CONDITION
156	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	8	201			55.09 L	x			POOR CONDITION
157	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	8	201			56.22 L	x			GOOD CONDITION
158	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	10	314			55.// L	X	,		GOOD CONDITION
159	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	9	254			5/.78 L	X	·		POOR CONDITION
160	COCONUT PALM	COCOS MUCIFERA	NO NO		30	6	317+65.61	1.76 R			X	GOOD CONDITION
16/	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16		317+77.31	52.72 L	x			GOOD CONDITION
162	MAHOGANY TREE	SWIETENIA MAHOGANI	YES	10	314		3/7+87.72	56.29 L	x			GOOD CONDITION
163								1.30 R				MISSING
164	UMBRELLA TREE	SCHEFFLERA ACTINOPHYLLA	MO	25	/963		_	0.00	-		X	CATEGORY I, EPPC 2005 LIST OF INVASIVE SPECIES
165	COCONUT PALM	COCOS MUCIFERA	NO		30	12		0.93 L	×			GOOD CONDITION
156	COCONUT PALM	COCOS MUCIFERA	NO		30			0.00	x			GOOD CONDITION
167	COCONUT PALM	COCOS NUCIFERA	MO		30		3/9+42.16	1.50 R	х			GOOD CONDITION
168	SABAL PALM	SABAL PALMETTO	YES		12			0.00	X			GOOD CONDITION
169								4.34 R				WISSING
70	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		16			1.63 R			- x	GOOD CONDITION
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	PBS
	Certificate of Authorization No. 24
1	Authorization No. 24

Harry Bellon, R.L.A.
R.L.A. No.: 900
3230 W. Commercial Bird.
Sulte 100
Fort Leaderdale, FL 33309
19541 733-7233 Post Buckley Schuh & Jernigon, Inc., 4/b/a/ PBS&J

DEF	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

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EX	ISTING	TREE SUM	MAR'	Y .								
Tree Number	COMMON NAME	SCIENTIFIC NAME	NATIVE (YES OR NO)	DBH	CANOPY ISQUARE FEETI	CLEAR WOOD (FEET)	STATION	OFFSET	REMAIN	RELOCATE	REMOVE	COMMENTS
171	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		16	ю	322+24.87	0.00	 		X	GOOD CONDITION
772	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		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	1	l	X	GOOD CONDITION
174	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO.	-	16	10	323+16.44	4.34 L	1		X	GOOD CONDITION
175	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO	i	16	10	323+46.4	3.73 L	 	t	X	GOOD CONDITION
776	DRAGON TREE	DRACAENEA MARGINATA	MO	28	20	1	325+38.60	2.32 L			X	GOOD CONDITION
177			T			 	325+77.59	3.28 L				MISSING
778	SABAL PALM	SABAL PALMETTO	YE5	ļ	12	27	328+16.16	1.71 L	X			GOOD COMDITION
179	SABAL PALM	SABAL PALMETTO	YE5		12	20	328+27-83	0.00	x			GOOD CONDITION
180							328+38.10	1.50 L		1		MISSING
181	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO	L	/6	10	329+33.96	4.32 L	T		X	GOOD CONDITION
182	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		16	6	329+59.50	4.87 L			X	POOR CONDITION
183	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO	<u> </u>	16	10	33/+80.00	4.88 R	X			GOOD CONDITION
184	SOUTAIRE PALM	PTYCHOSPERMA ELEGANS	NO.		16	10	332+05.04	4.30 R	X			GOOD CONDITION
185	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		16	7	332+28.85	4.33 R	X			GOOD CONDITION
166	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	AC		16	iż	332+55./3	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	MO		16	12	333+04.39		X			GOOD CONDITION
189	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO		16	8	333+28.54		X			GOOD COMDITION
190	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	МО		16	9	333+54.45		X			GOOD CONDITION
191	<u></u>			<u> </u>			333+80.00					MISSING
192	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	Ю	<u> </u>	16	12	334+03.59	4.31 L	X			GOOD CONDITION
193	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO .		.6	13	334+27.09	4.23 L	X			GOOD CONDITION
194	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO		16	#	334+53.64		X	L		GOOD CONDITION
195	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	NO.		16	10	334+79.50	4.45 L	X			GOOD CONDITION
196	SOLITAIRE PALM	PTYCHOSPERMA ELEGANS	MO	L	16	9	335+01-60	4.25 L	X			GOOD CONDITION
197	SOLITAIRE PAUN	PTYCHOSPERNA ELEGANS	MO		16	9	335+30.00		*			GOOD COMDITION
198	COCONUT PALM	COCOS MUCIFERA	NO		30	12	539+28.08	0.00	X			GOOD CONDITION
199	COCONUT PALM	COCOS MUCIFERA	MO		30	13	339+50.27	1.66 L	X			GOOD CONDITION
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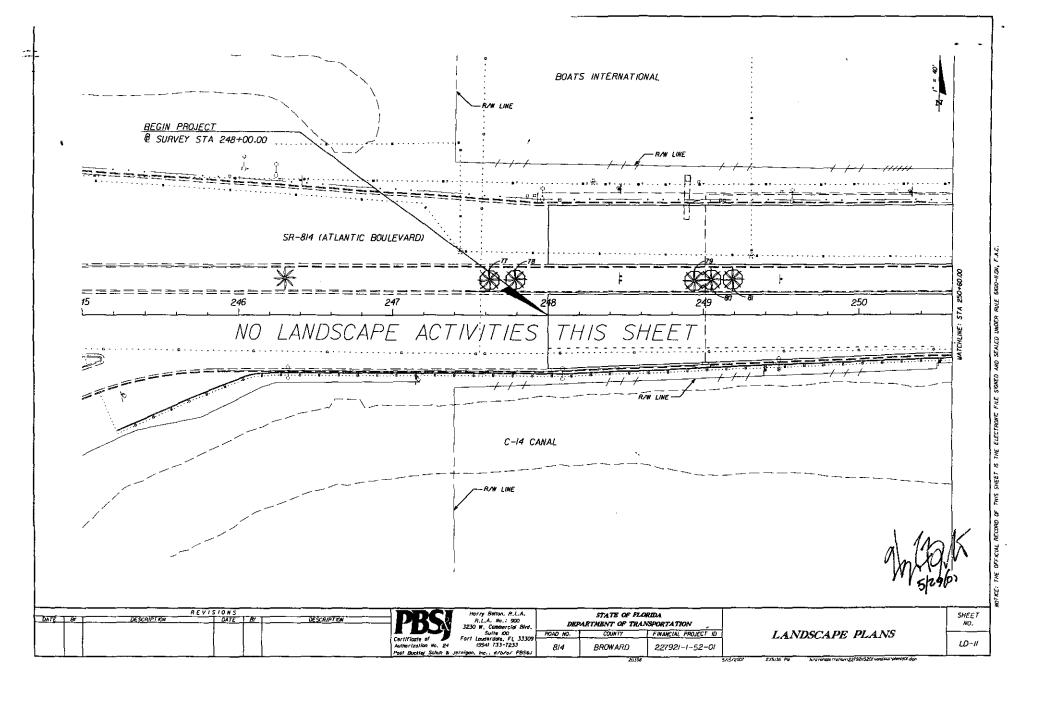
Harry Bellon, R.L.A.
R.L.A. No.: 900
3230 W. Connected Blvd.
Suite Blvd.
Fort Loaderdele, FL 33309
(554) 733-7233
Riggn, Inc.. d/b/a/ PESBJ 814

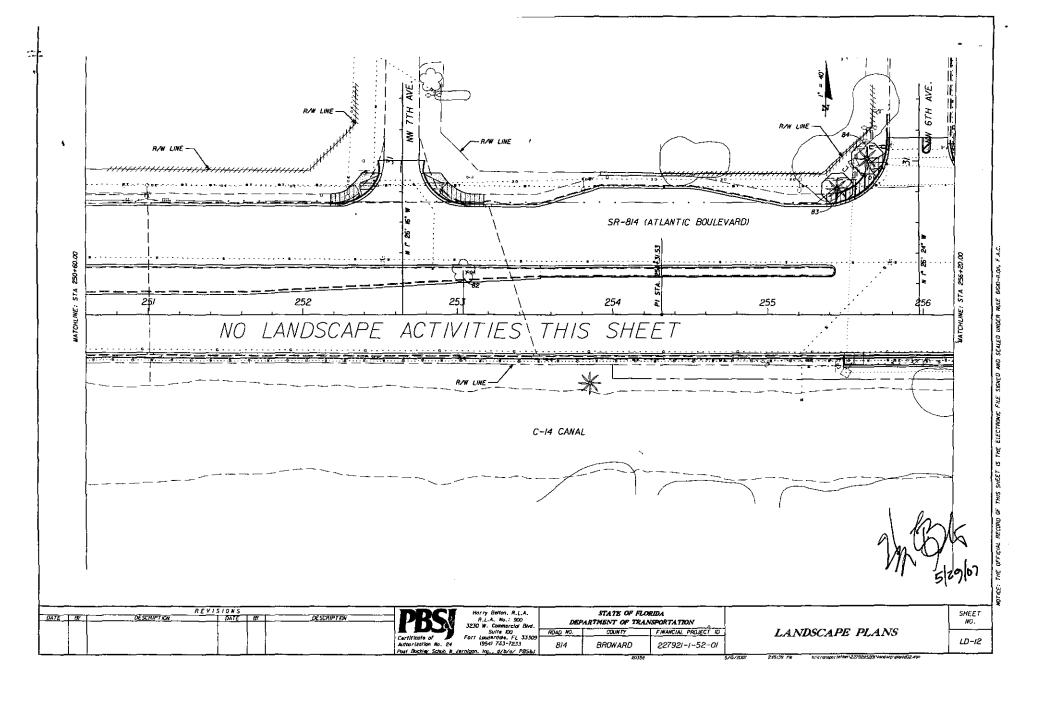
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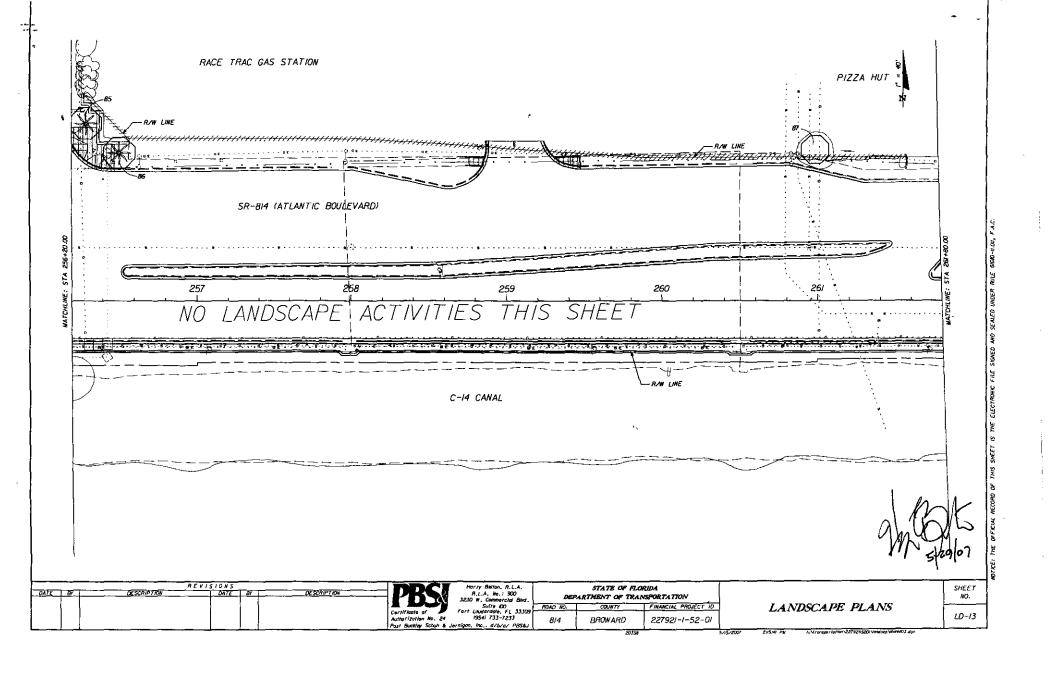
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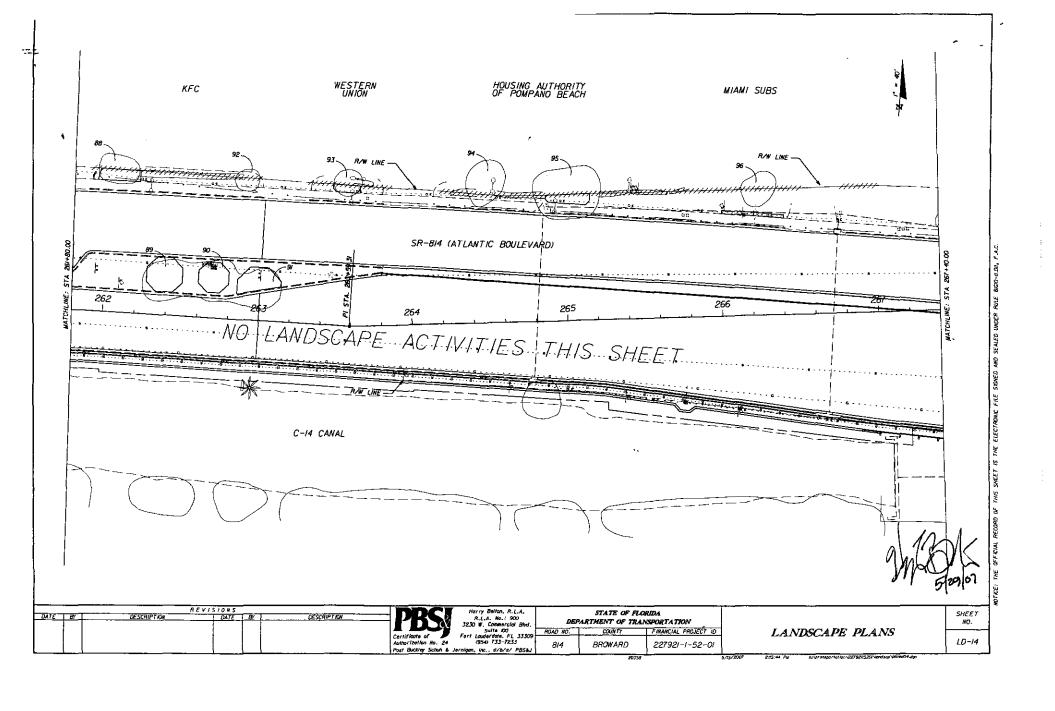
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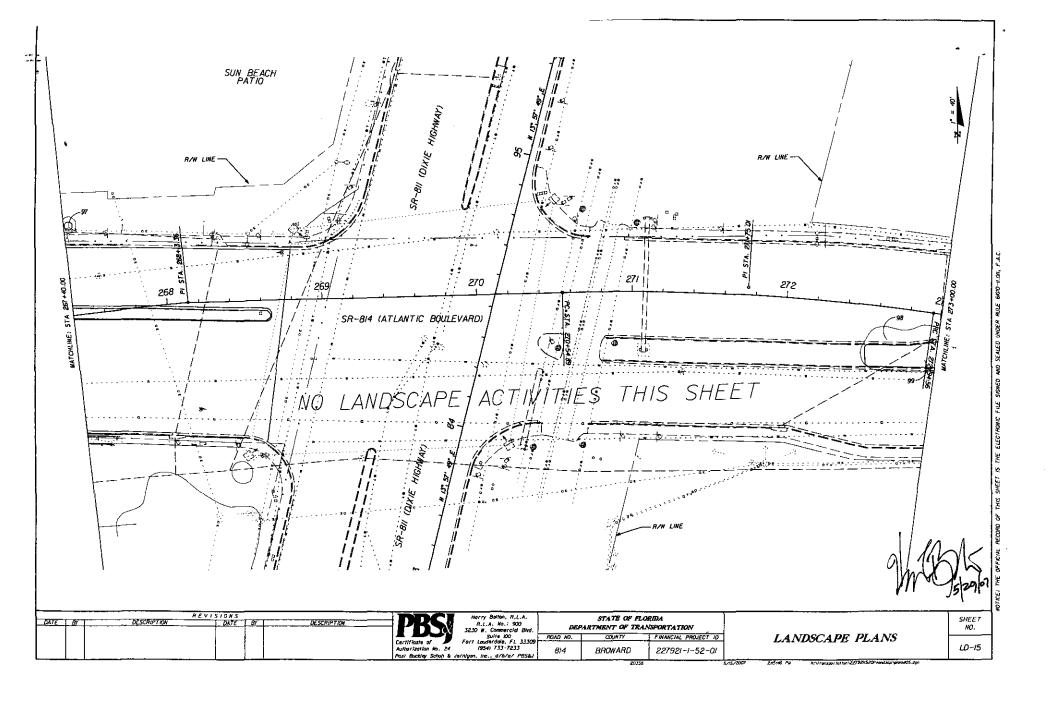
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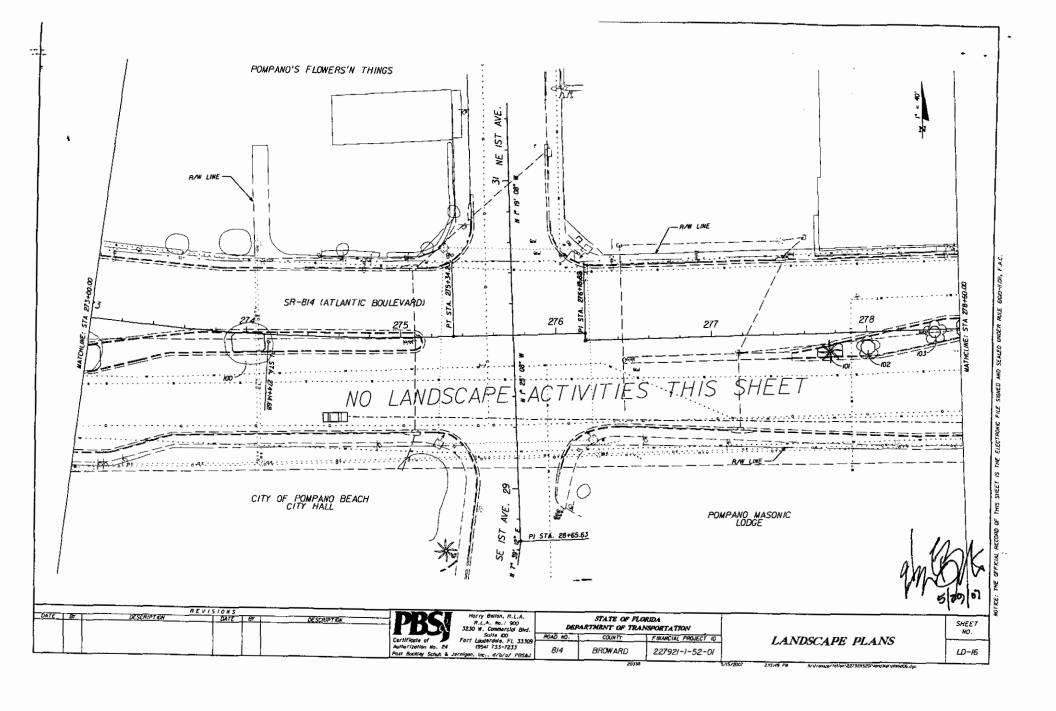


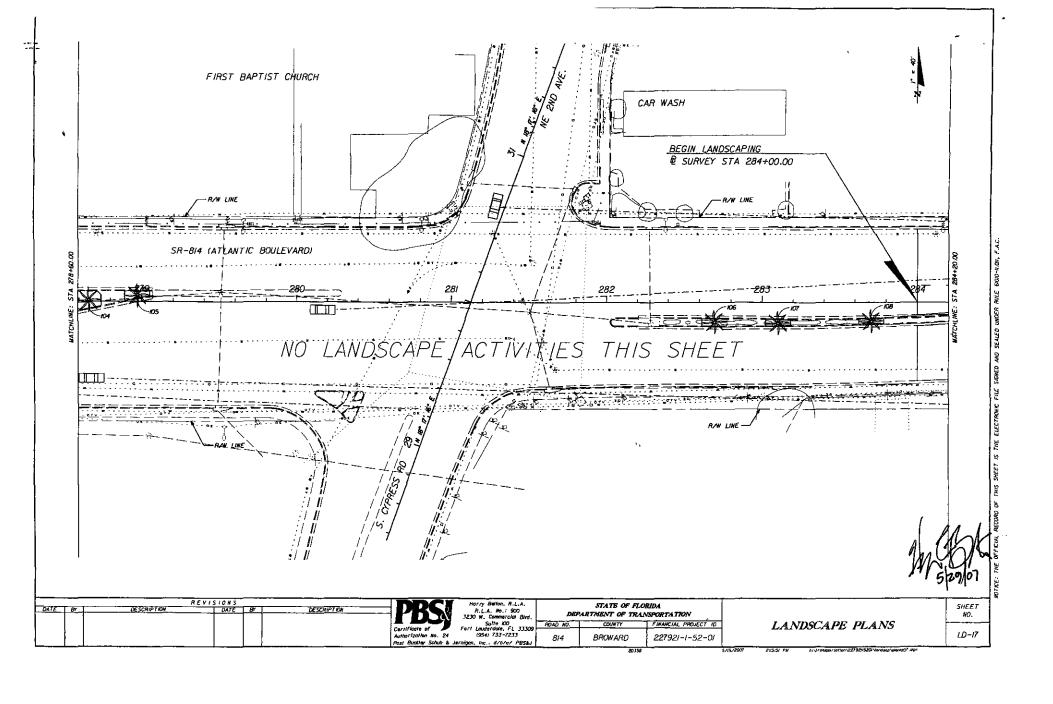


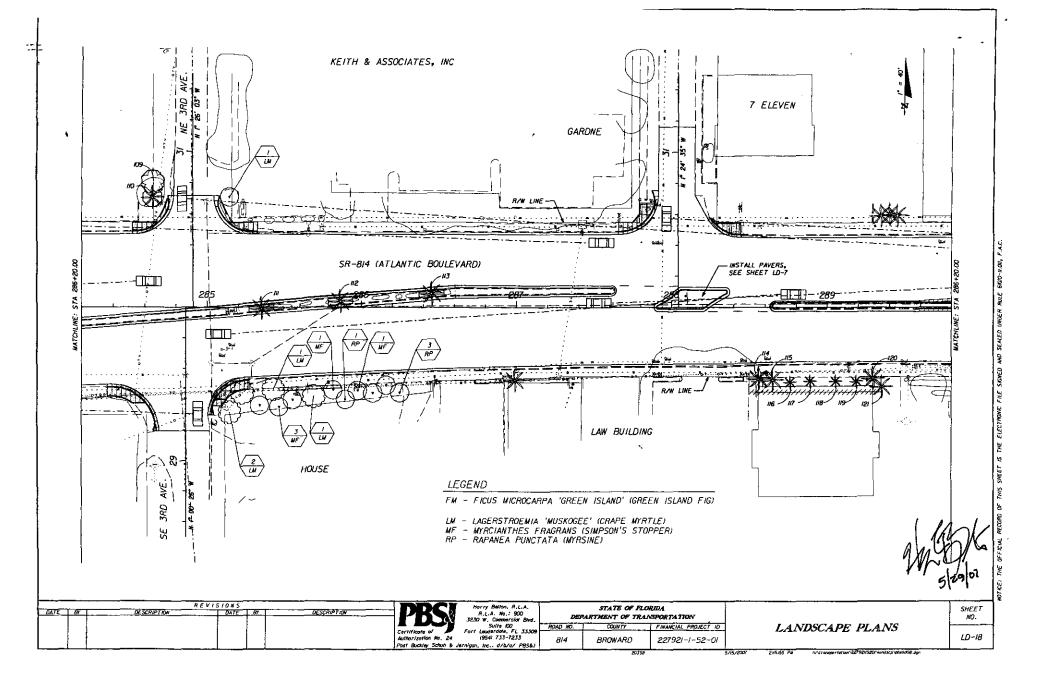


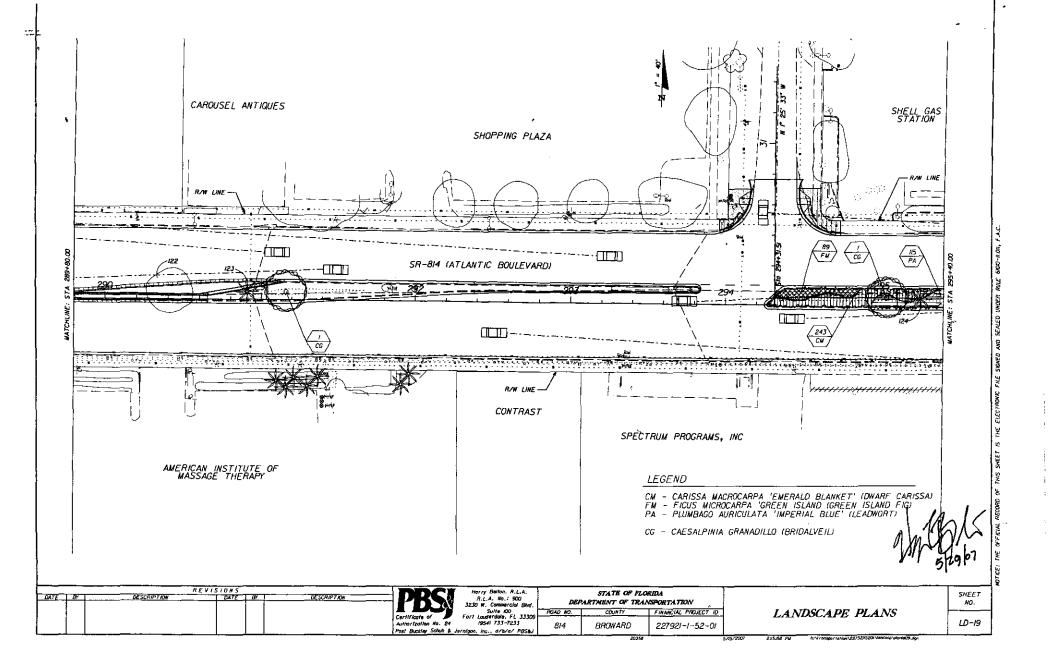


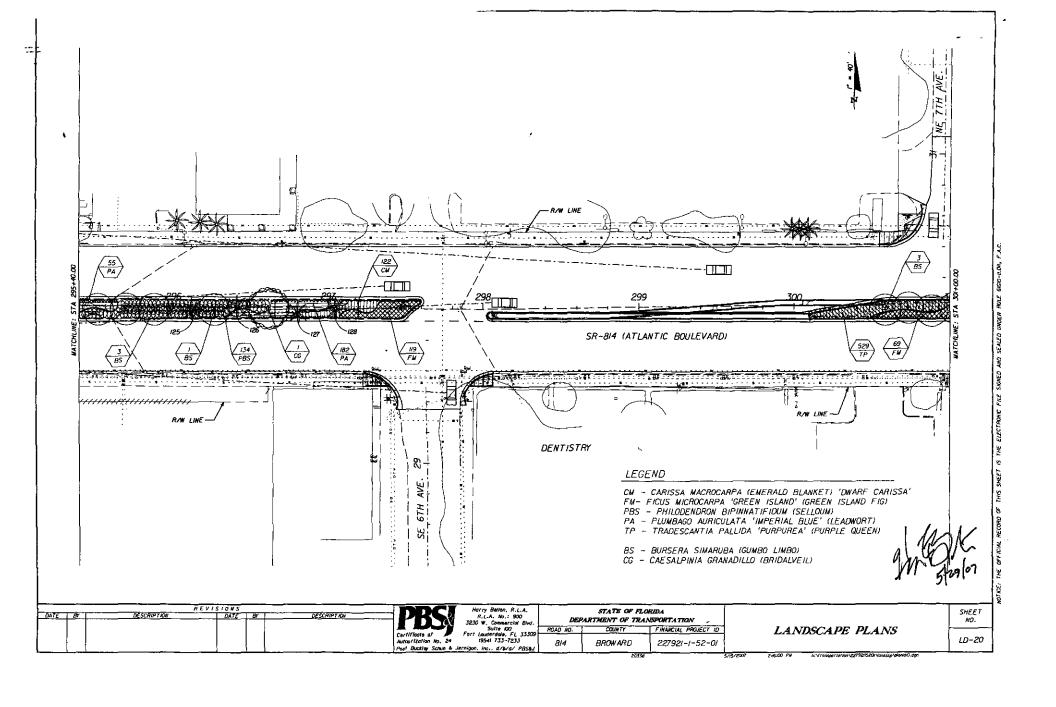


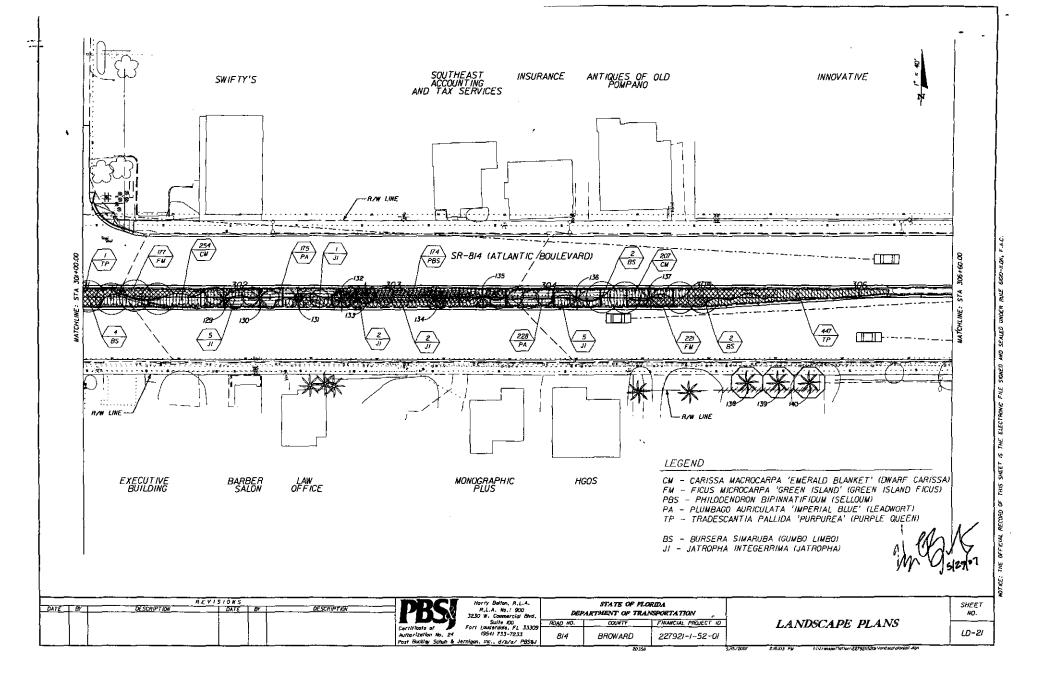


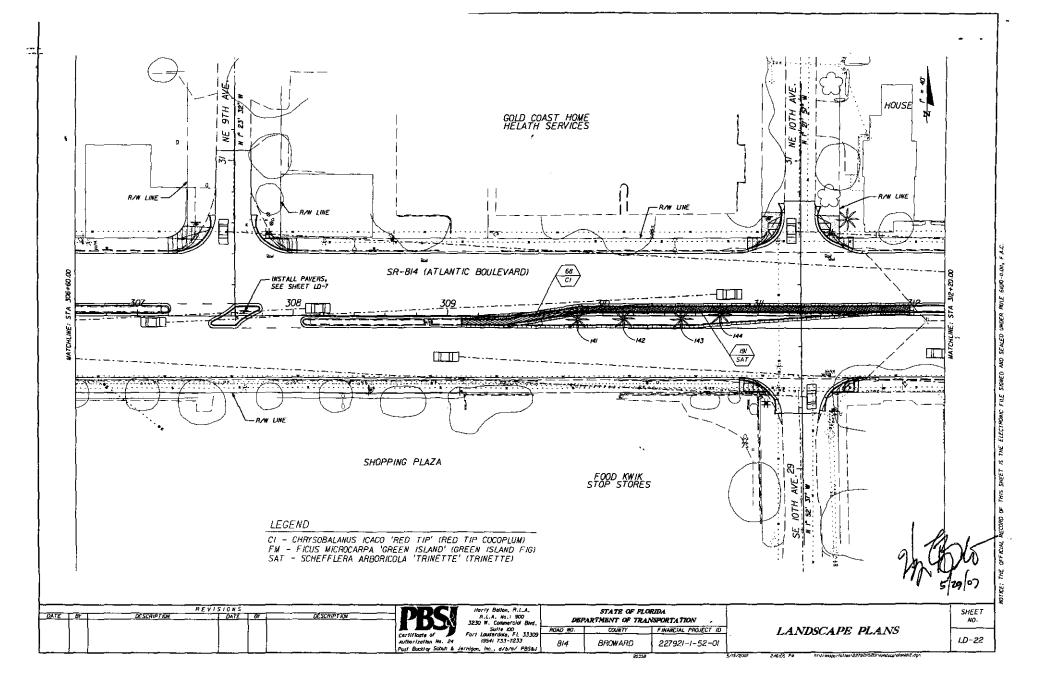


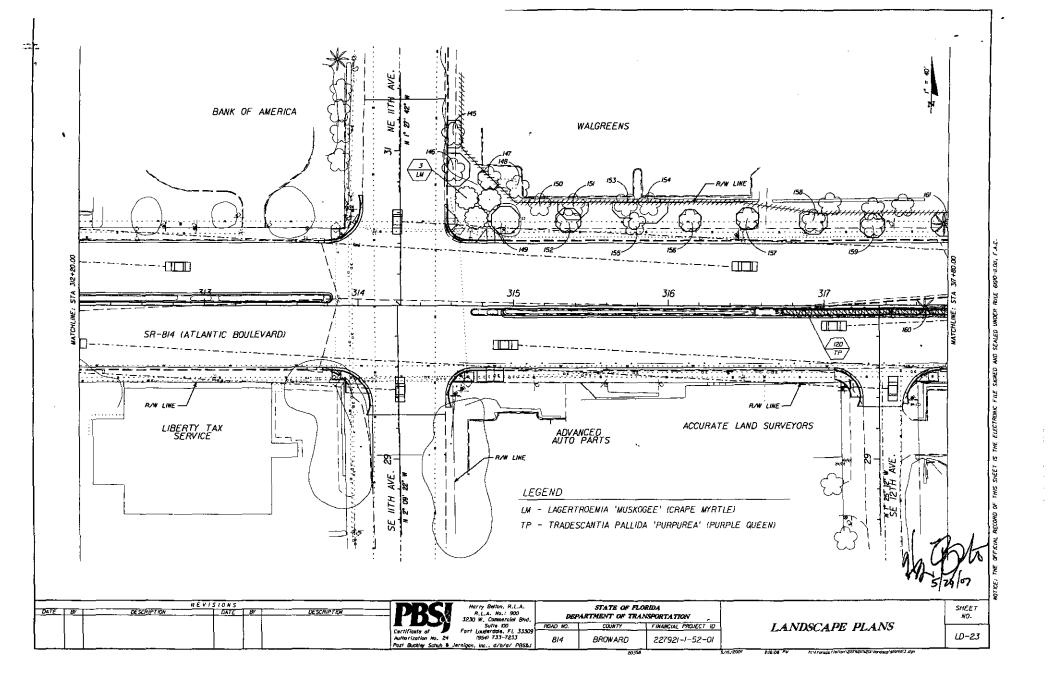


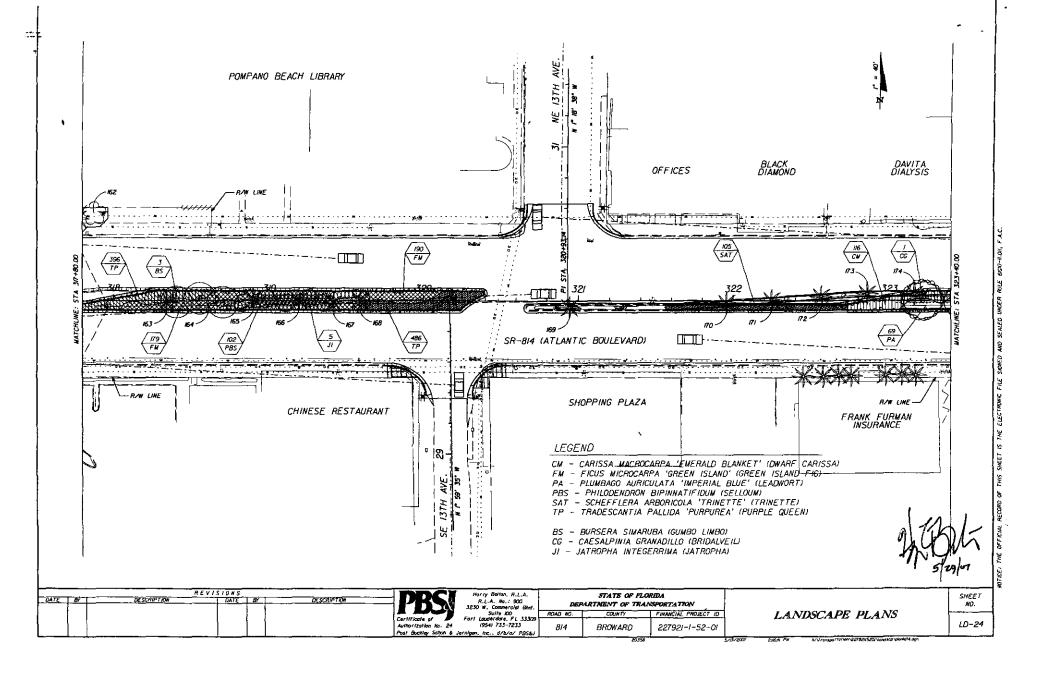


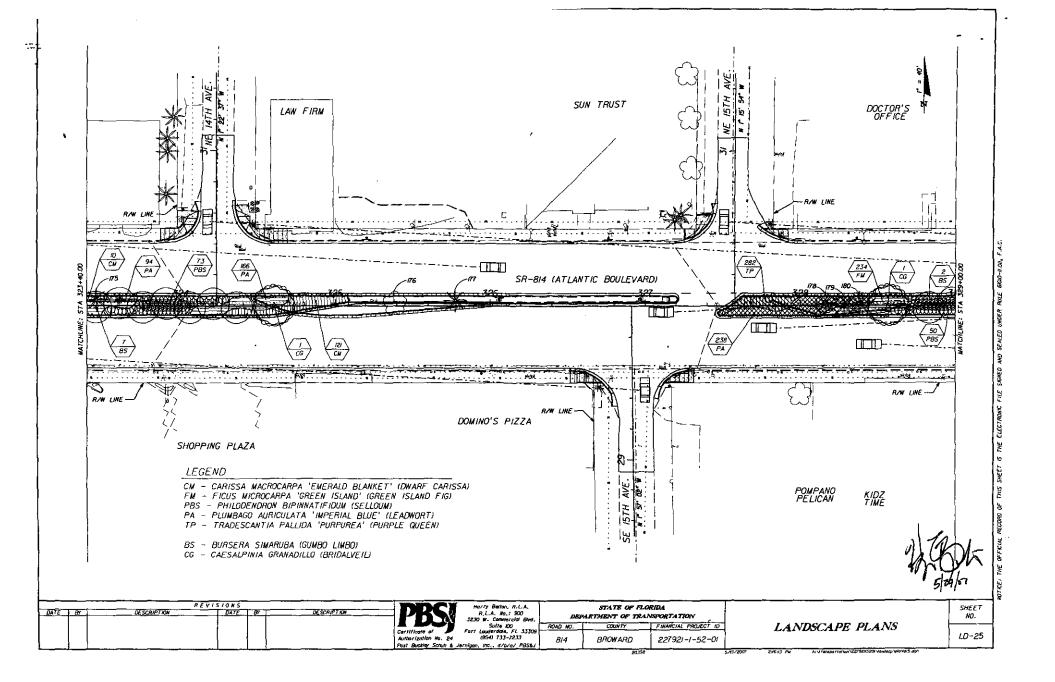


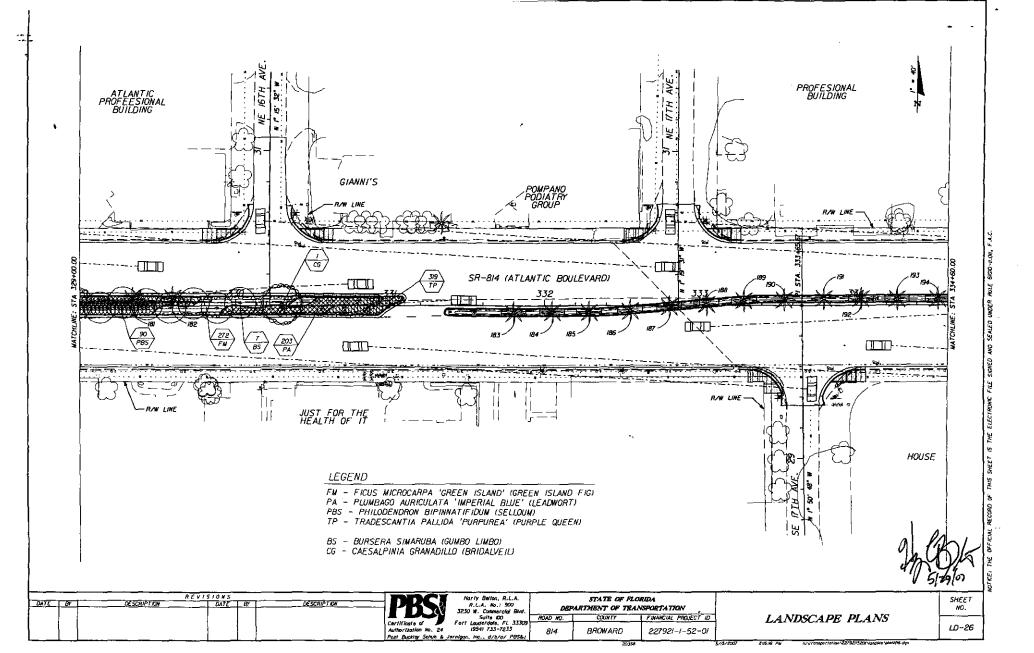


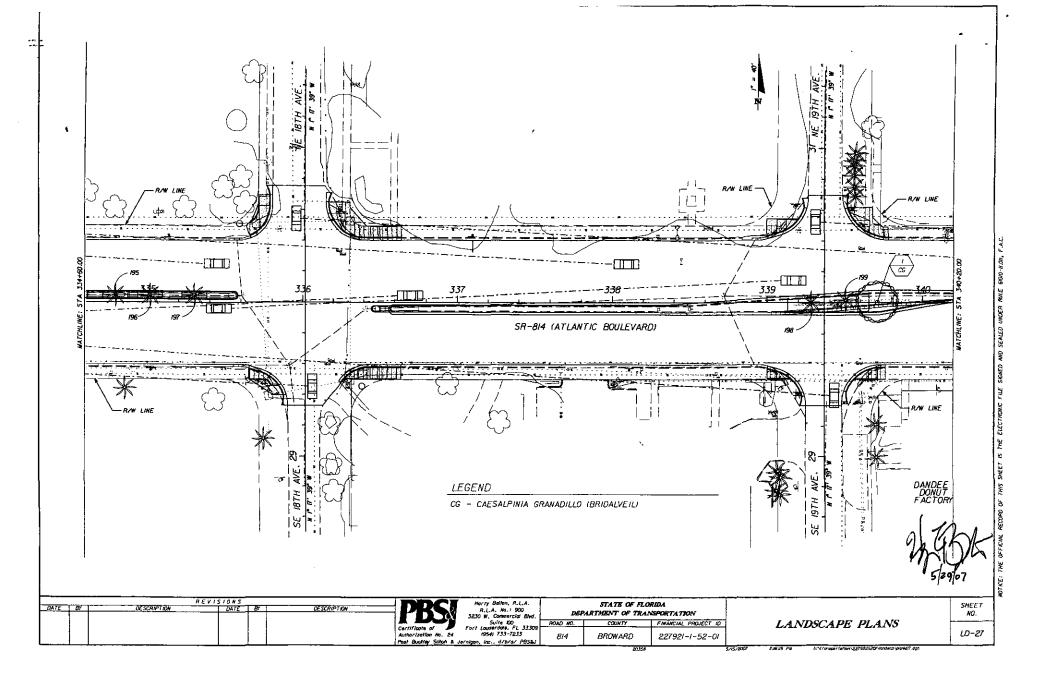


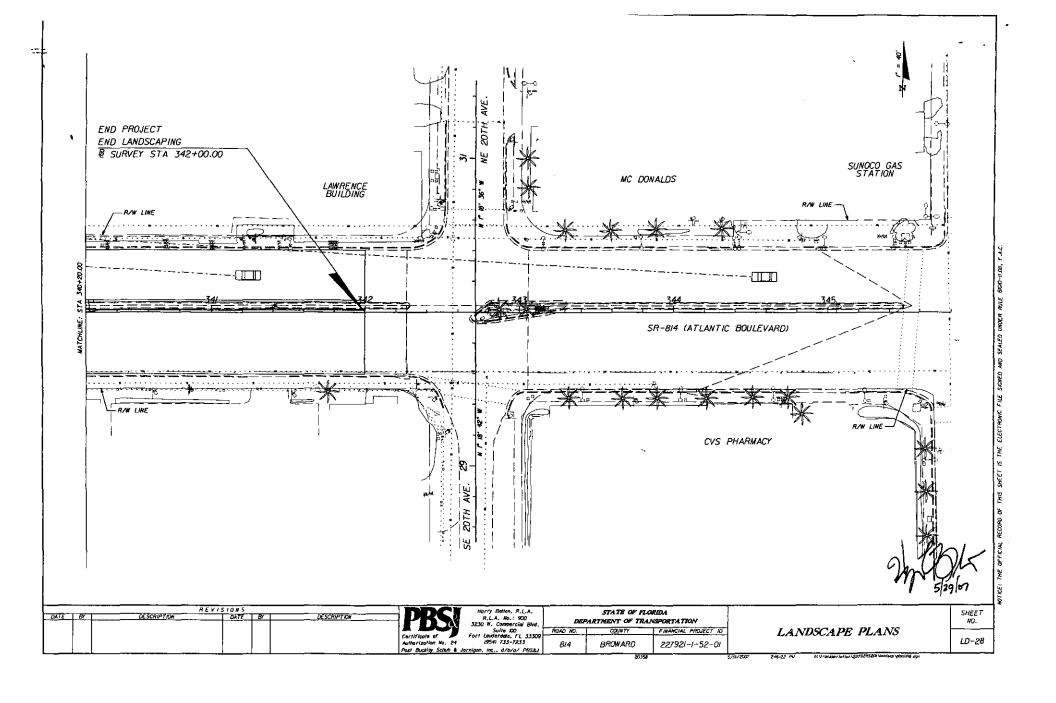


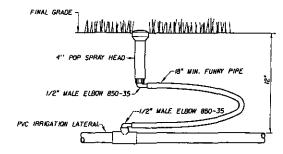




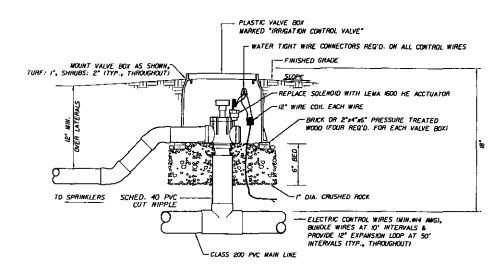








SPRAY HEAD INSTALLATION



VALVE INSTALLATION NOT TO SCALE

			151085			1100	Harry L. Bellon, L.A.		STATE OF FLO	2070.4
DATE	BY	DESCRIPTION	DATE	Bir	DESCRIPTION	1753	R.L.A. No.: 900 3230 W. Commercial Bivd.	DEI	PARTMENT OF TRA	
						Certificate of	Suite XXX Fort Lauderdale, FL 33309	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
						Authorization No. 24 Post Buckley Schuh &	(954) 733-7233 Jarnigon, Inc., d/b/d/ PBS&J	814	BROWARD	227921-1-52-01

IRRIGATION NOTES :

- I. THE IRRIGATION MAIN LINE SHALL BE SCHEDULE 40 FVC INSTALLED IB" BELOW FINISHED GRADE OF WEDIAN AND 36" BELOW FINISHED GRADE OF ROADMAY.
- 2. ALL VALVES, FILTERS, GALGES, ETC., SHALL BE ENCLOSED IN APPROPRIO VALVE BOYES OF APPROPRIATE SIZE. THESE ITEMS MUST BE EASILY ACCESSIBLE FOR SERVICING AND MAINTERPARCE AFTER INSTALLATION OF THE LANGSCHIMG. THE BOTTOM OF EACH BOX SHALL BE LINED WITH GRAVEL TO A MINIMUM DEPTH OF Z. ALL PRESSURE GAUGES SHALL NAME 2" PRASTE 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 IMPRICATION SLEEVES SHALL BE INSTALLED IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS WHERE APPLICABLE. ALL SLEEVES SHALL BE HOPE AND TAPED CLOSED AT BOTH ENDS, TRENCHING OPERATIONS SHALL FOLLOW STANDARD INDEX 307, AS WELL AS STANDARD INDEX ITE!
- 5, ALL WATERIALS FOR THIS PROJECT SHALL BE NEW AND FURNISHED TO THE OWNER DIRECT OR THROUGH THE INSTALLATION CONTINGEOR BY THE WARMFACTURER OF AN AUTHORIZED DEALER. EXCEPT AS SPECIFIED IN THE FLANCE.
- 6. BACKFLOW PREVENTION SHALL BE IN ACCORDANCE TO LOCAL CODE.
- 7. IF ANY COMPONENT OF THE IMPROATION SYSTEM IS BROKEN DURING CONSTRUCTION, THE IMPRICATION CONTRACTOR WILL BE MOTHED AT ONCE, THE IMPROATION CONTRACTOR WILL MAKE ALL REPAIRS OF THE IMPROATION 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 "SUMSHINE" AT 1-800-432-4770 AND PW.DEPT, TWO BUSINESS DAYS PRIOR TO EXCAVATION.
- 9. IRRIGATION SYSTEM SHALL BE OPERABLE FOR A MINIMUM OF 48 HOURS PRIOR TO THE LAYING OF SOO, GROUND SHALL BE THOROUGHLY SATURATED PRIOR TO THE LAYING OF SOO.
- 10. ZONE LINES ARE DESIGNED TO PERFORM AT 30 PSI AT THE LAST HEAD.
- II. ZONE LINE PIPING SHALL BE PVC SCH40 IPS PLASTIC PIPE OR APPROVED EQUAL-
- 12. ALL SALVAGEABLE TRRIGATION EQUIPMENT WITHIN THE CITY OF POMPANO BEACH SHALL BE DELIVERED TO THE PUBLIC WORKS DEPARTMENT. THE CONTRACTOR IT TO CONTRACT PUBLIC WORKS WITHIN TO ANS OF DELIVERS, TO BE PAID FOR UNDER PAI TEM \$50-70.
- 13. POMPANO BEACH PUBLIC WORKS DEPT. SHALL BE MOTIFIED PRIOR TO START OF CONSTRUCTION.

SUMMARY OF IRRIGATION PLAN - I	KEY MATERI	AL L	JST
DESCRIPTION	UNITS	T01	ALS
DESCRIPTION		ORIG	FINA
ELECTRIC CONTROL VALVE	EA	14	
SOLAR IRRIGATION CONTROLLERS	EA	8	
SPRAY HEAD	EA	475	
1/4" LATERAL LINE	UF	150	-
I" LATERAL LINE	IF	1240	
"LATERAL LINE	UF	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.

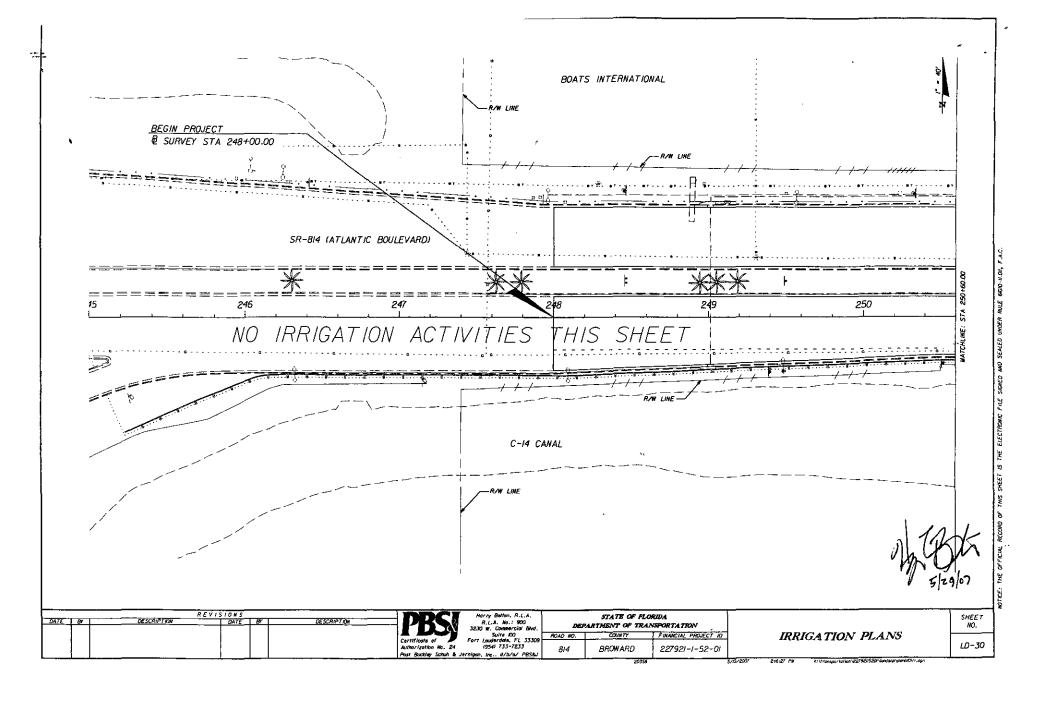
THE QUANTITIES ARE SUMMARIZED FOR THE CONVENIENCE OF THE CONTRACTOR AND OF THE ENGINEER. THE IRRIGATION SYSTEM IPAN ITEM NO. 590-701 IS A LUMP SUM BID ITEM ALL INCLUSING OF LABOR AND MATERIALS REQUIRED FOR A COMPLETED AND TOTALLY FUNCTIONAL SURRIGATION SYSTEM, INCLUDING WATER AND FPL SERVICE CONNECTION.

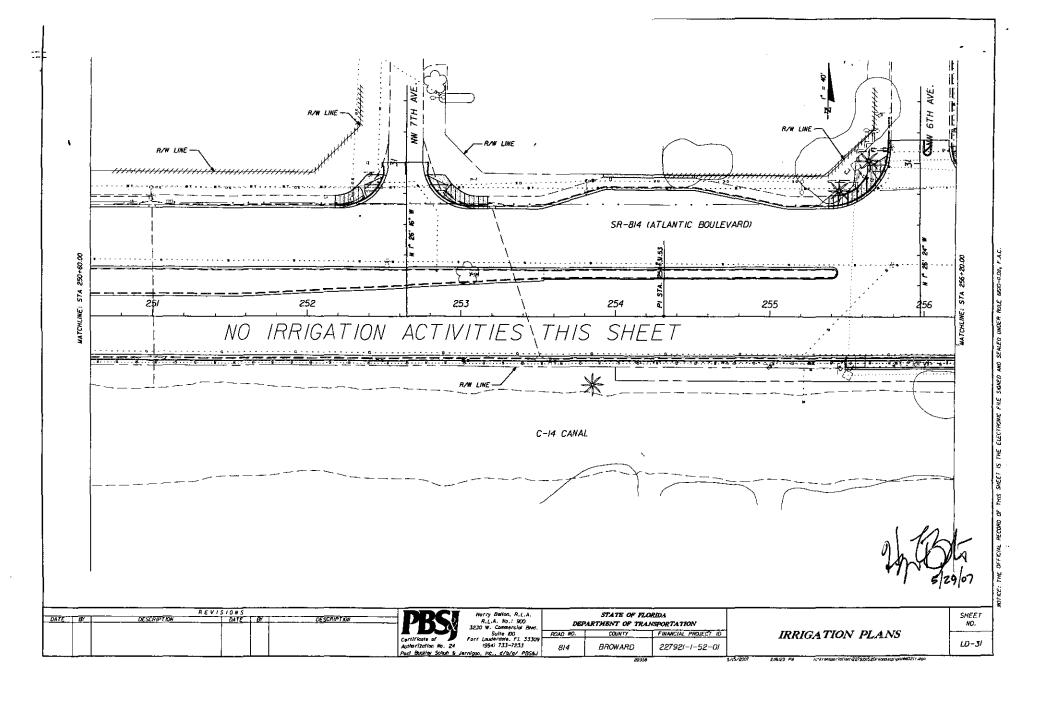
IRRIGATION DETAILS

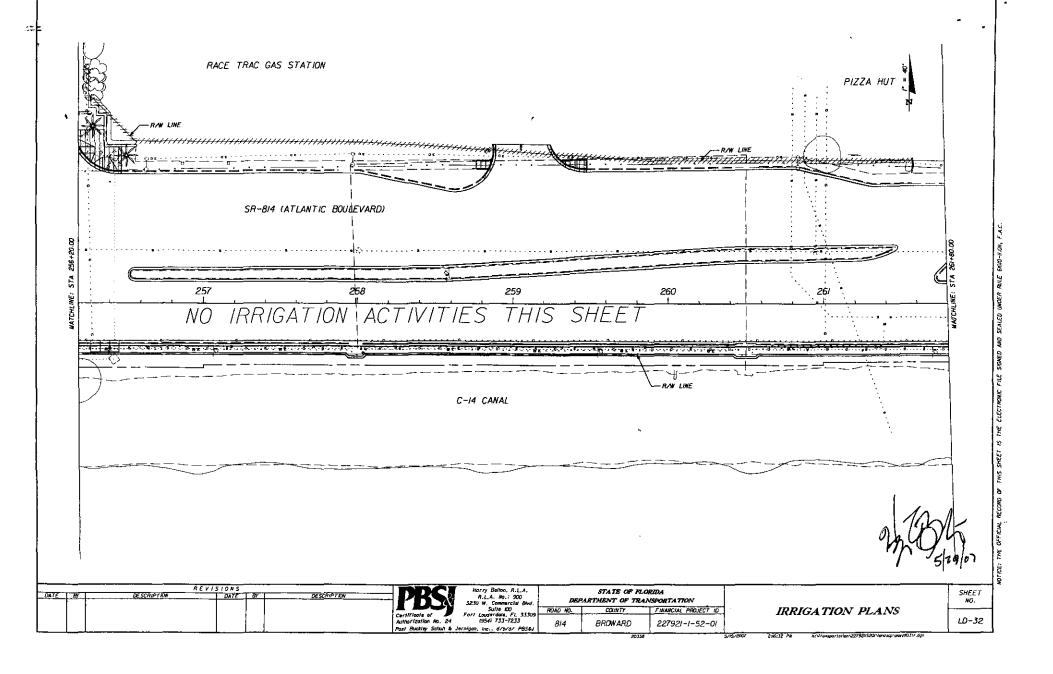
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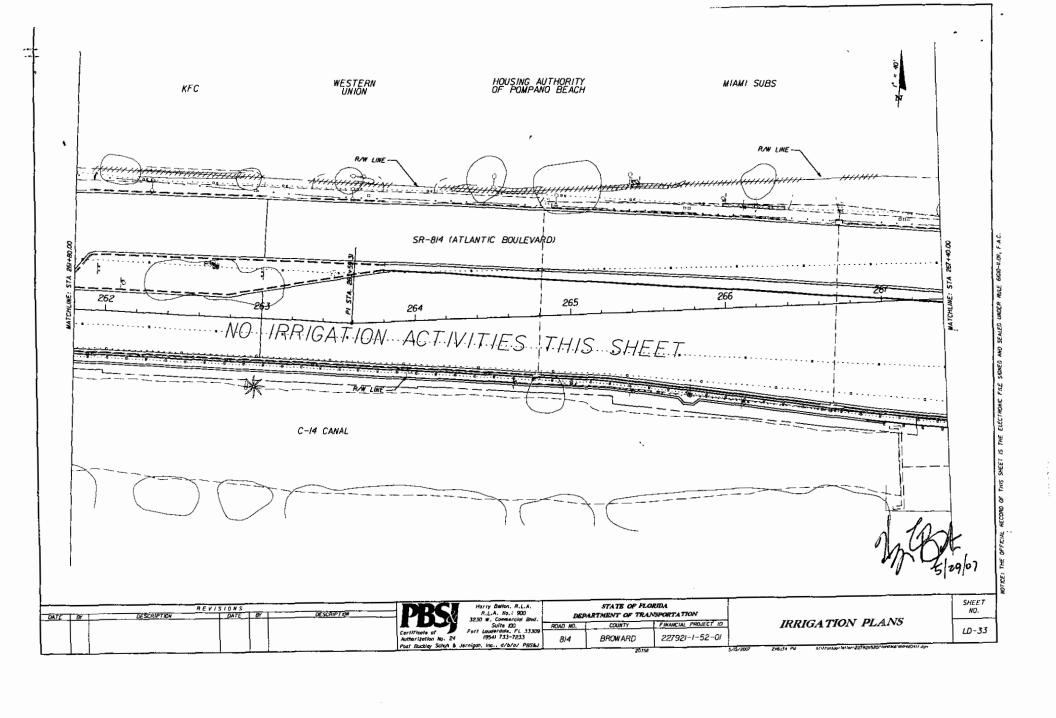
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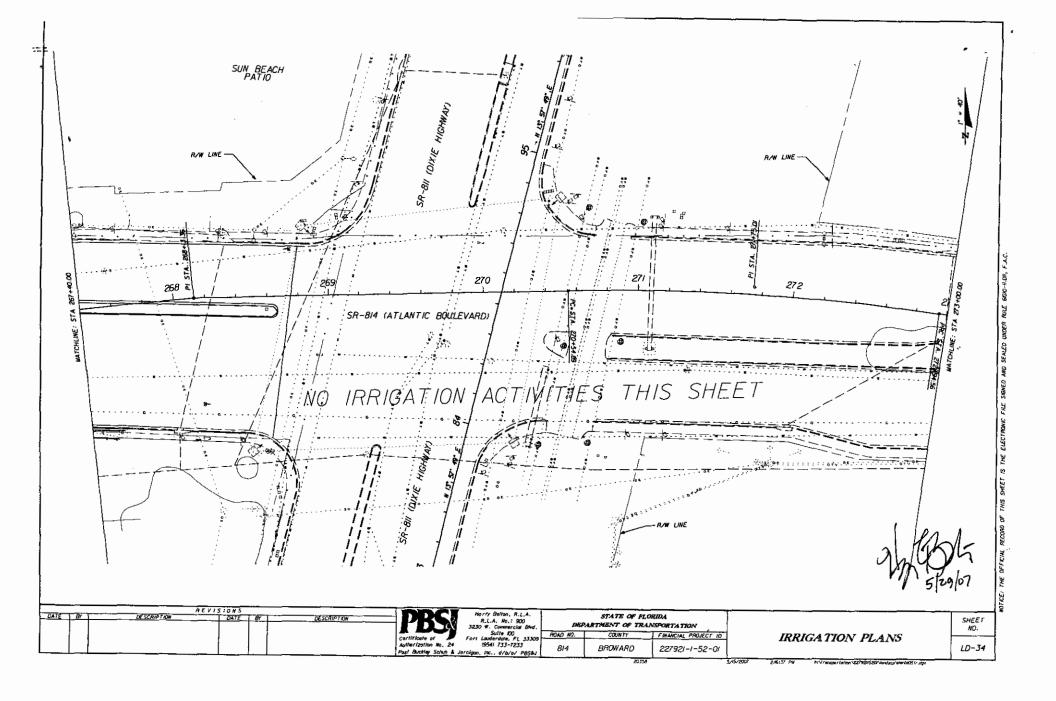
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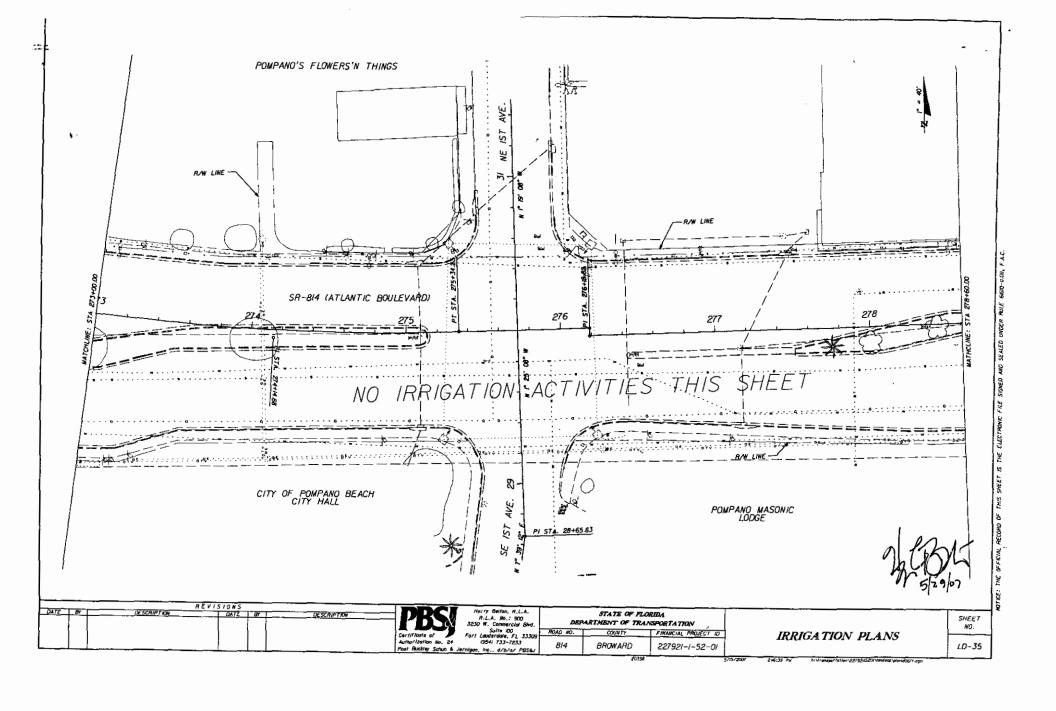


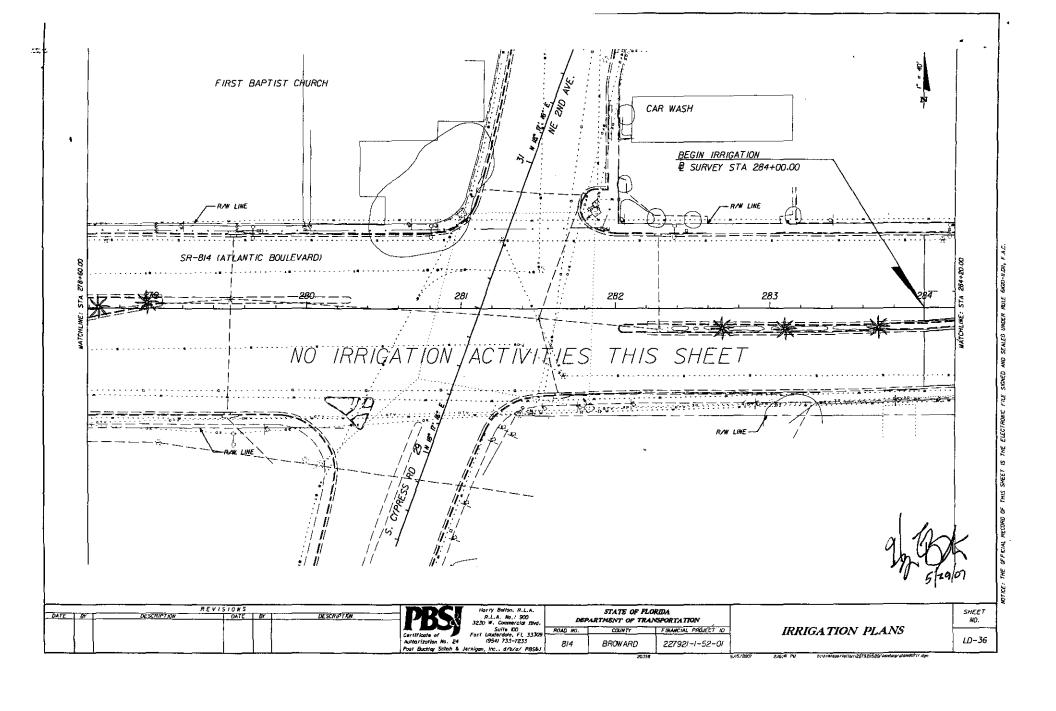


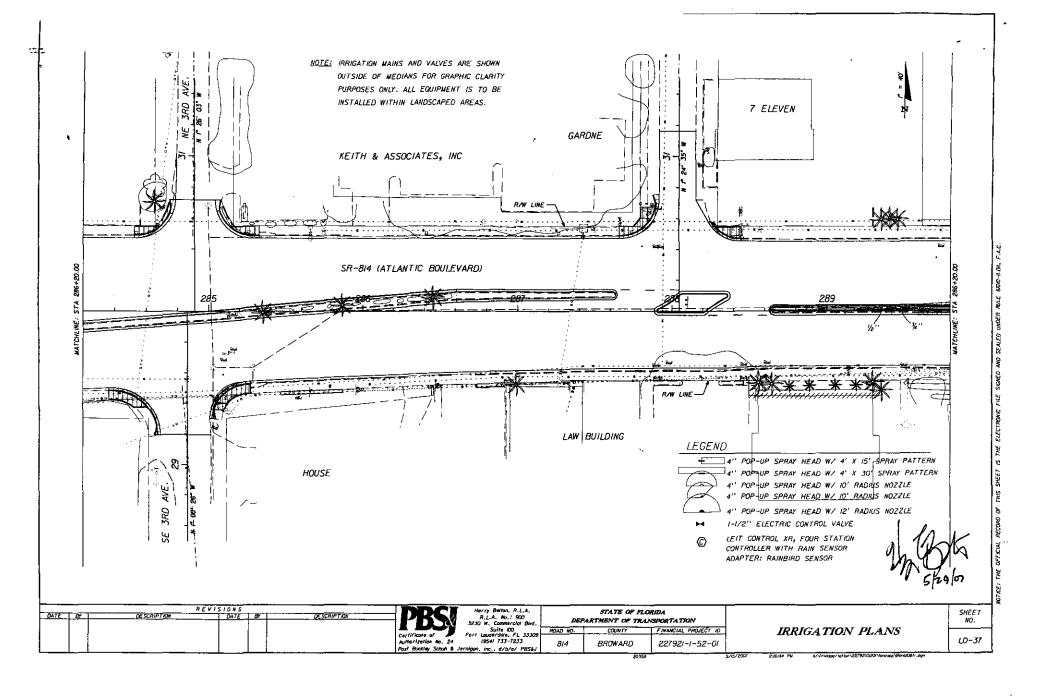


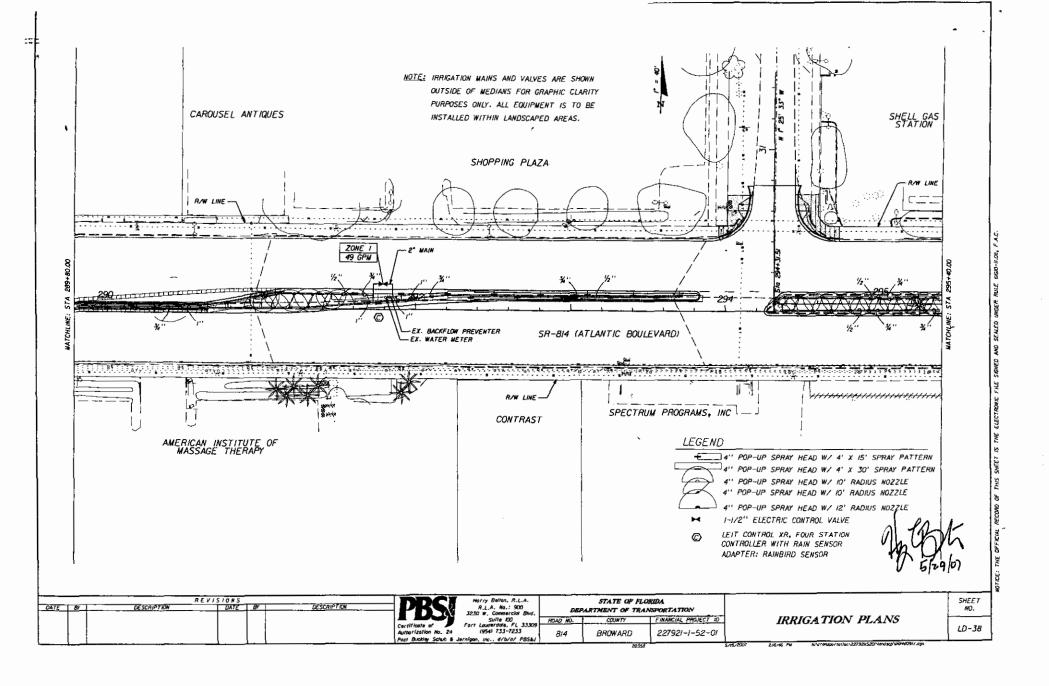


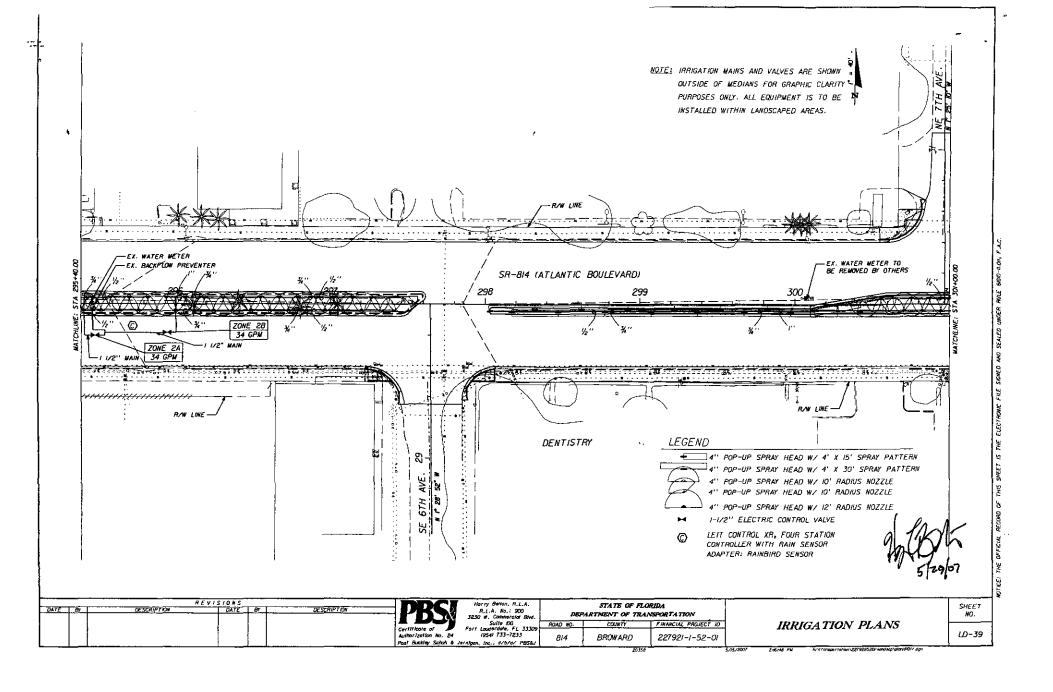


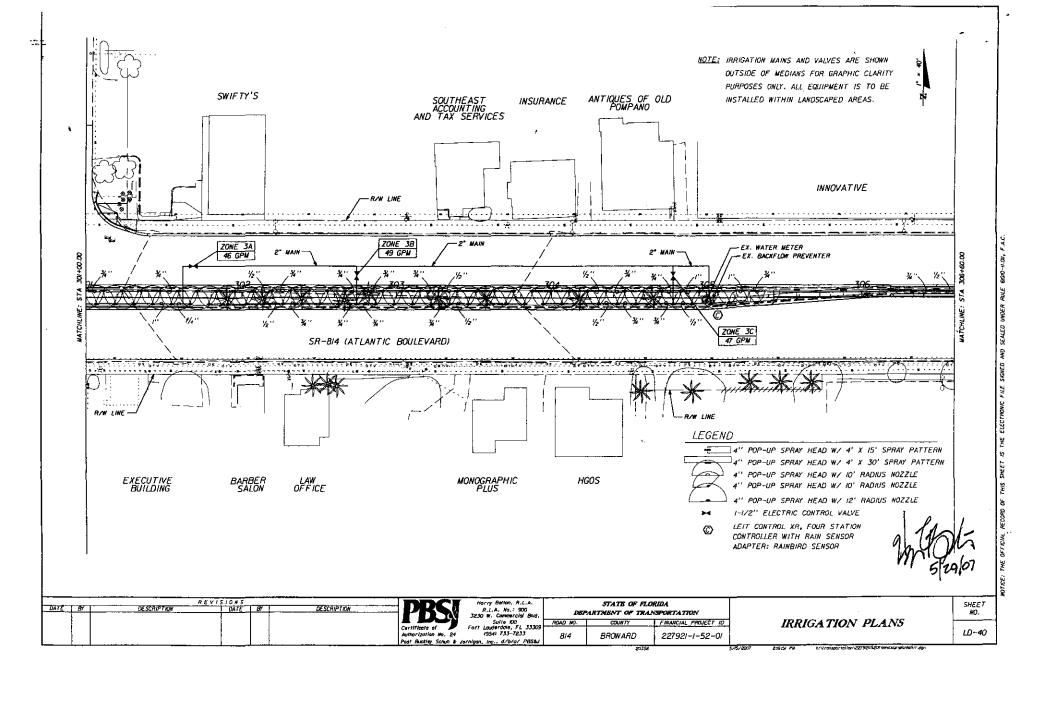


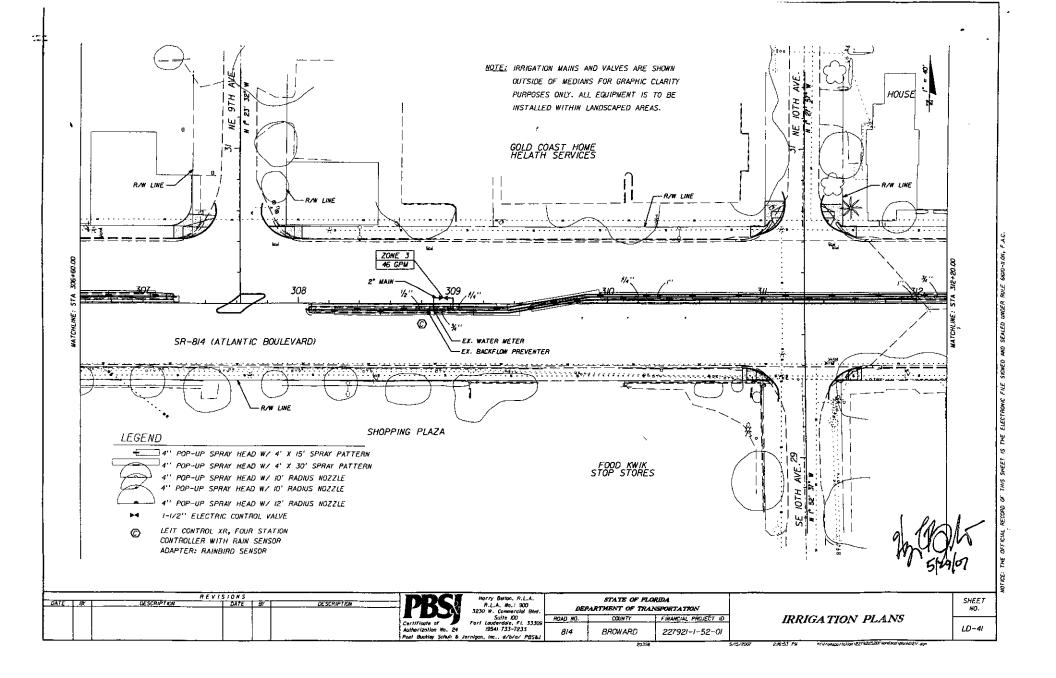


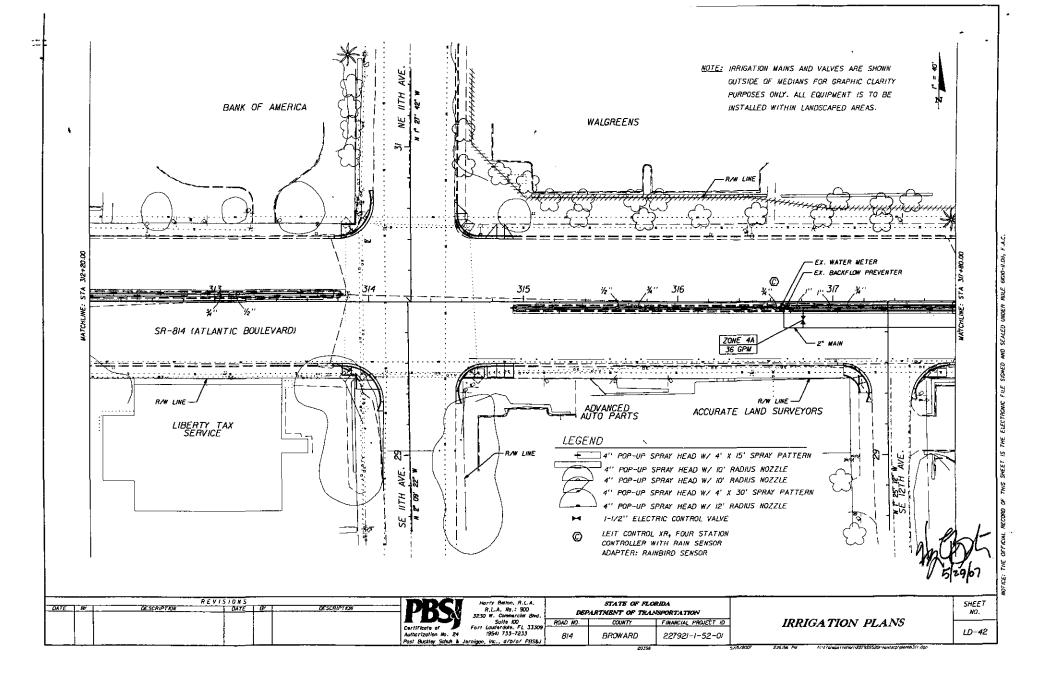


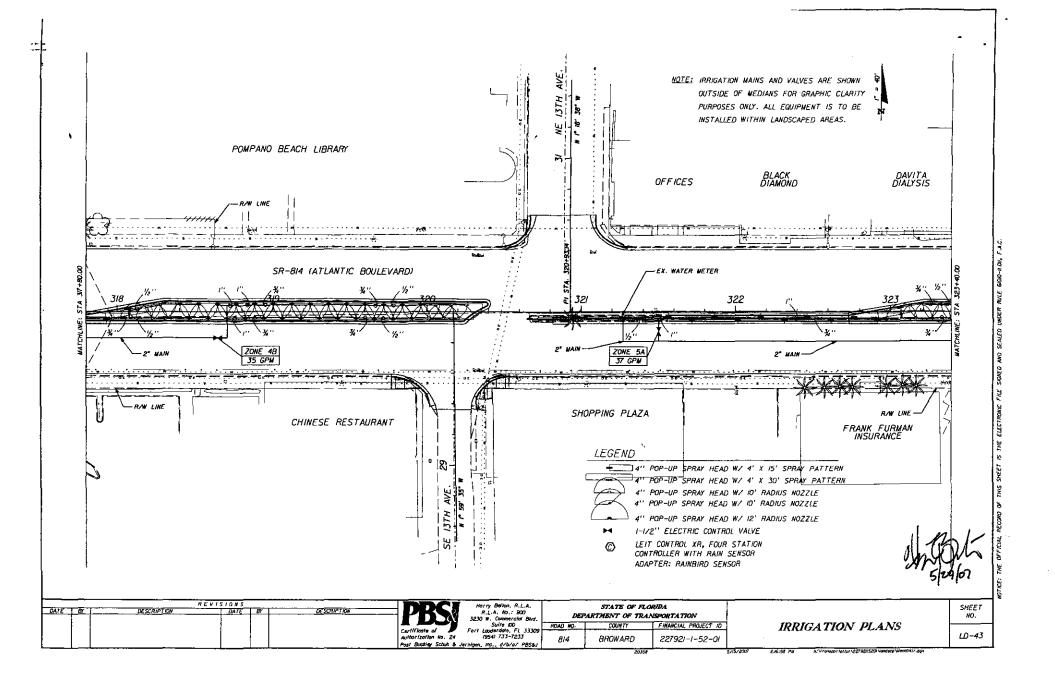


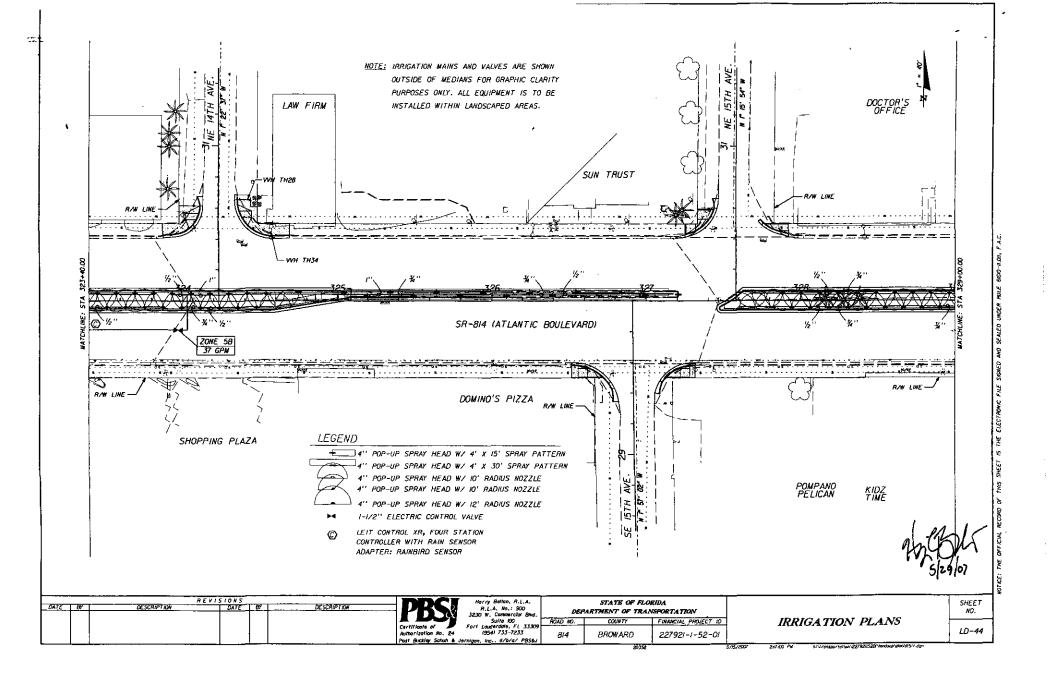


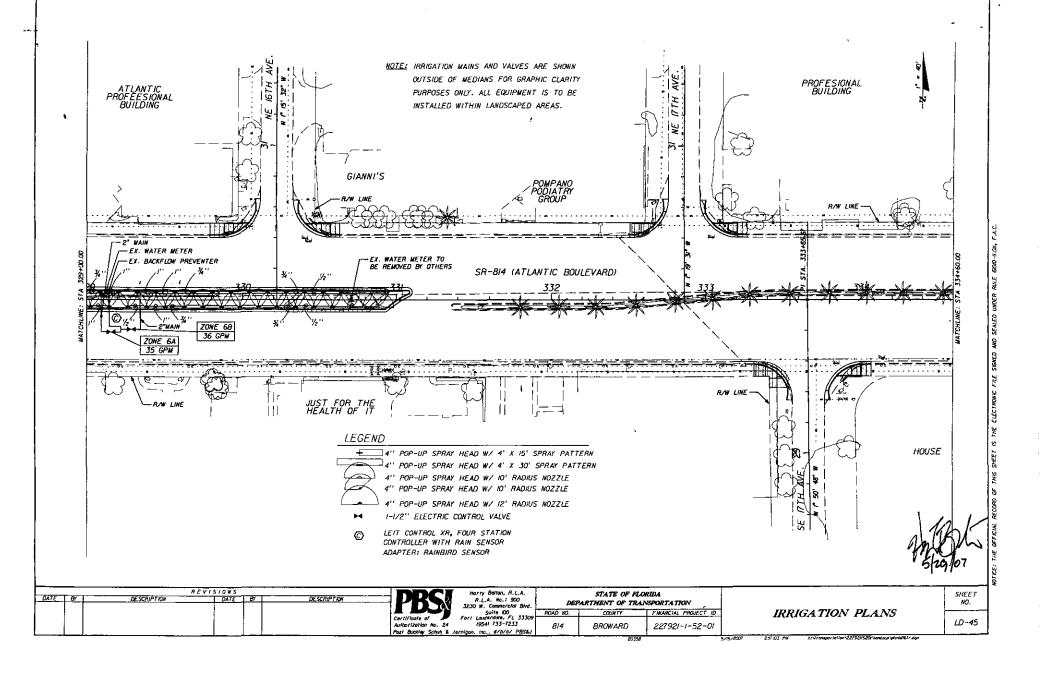


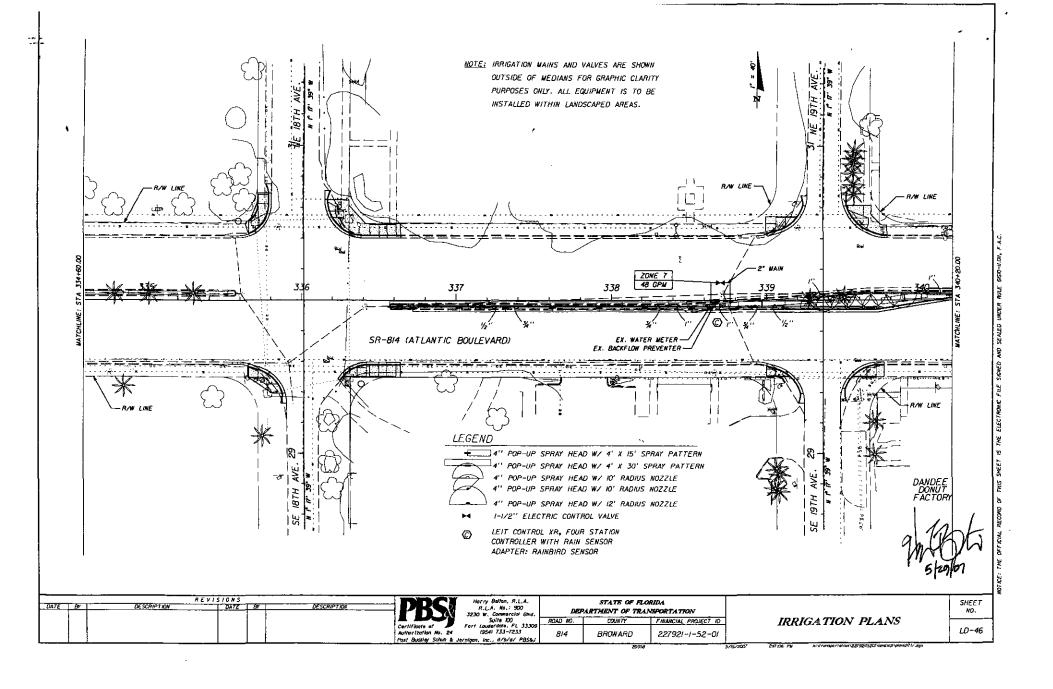


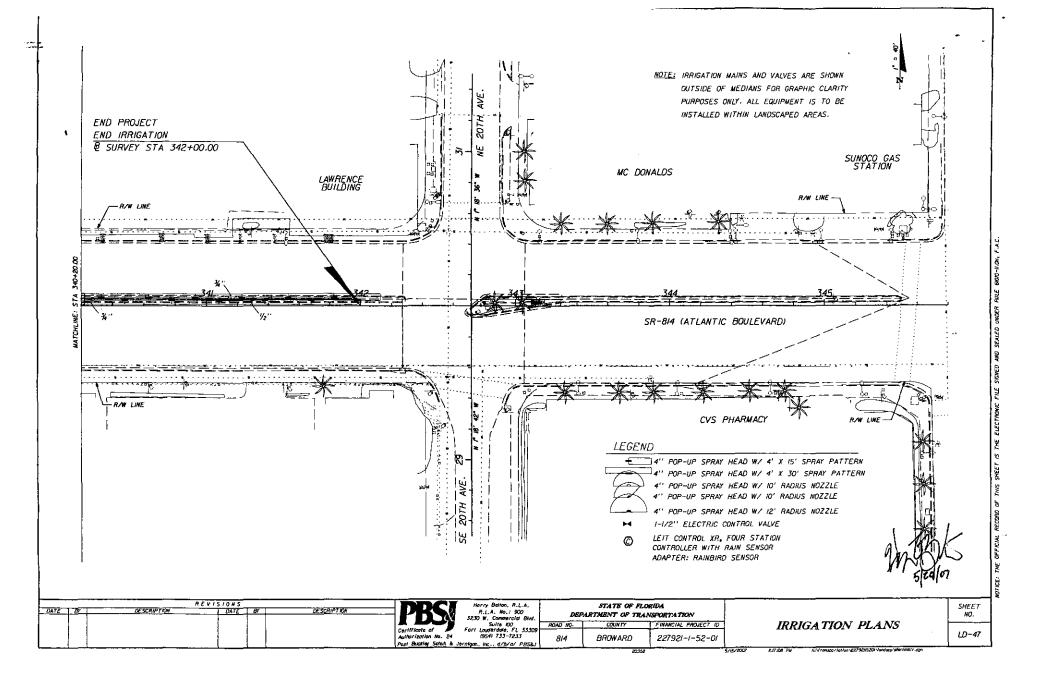










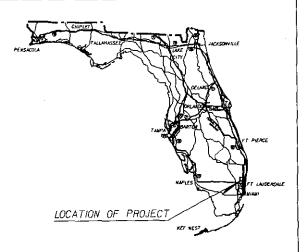


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 228073-1-52-01 (FEDERAL FUNDS) - BROWARD COUNTY (86028) STATE ROAD NO. 834 (SAMPLE ROAD) (FROM N.W. 5TH TERRACE TO U.S. I (FEDERAL HWY.))

LANDSCAPE PLANS



LANDSCAPE SHOP DRAWINGS TO BE SUBMITTED TO: RONALD L. URBANIAK, ASLA 33 E. PINE STREET ORLANDO, FL 32801

PLANS PREPARED BY:



33 E. PINE STREET
ORLANDO, FL 3280/
TEL 1407/ 813-6552
FAX 1407/ 813-1759
FL LIC. MO. LC-C000049
VENDOR NO. VF591594244
FOOT CONTRACT NO. C-8362

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

KEY SHEET REVISIONS DESCRIPTION DATE 18Y

LANDSCAPE PLANS LANDSCAPE

ARCHITECT OF RECORD RONALD L. URBANIAK, ASLA

R.L.A. HO.J LA 0000529

FISCAL SHEET YEAR NO. LD-I

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION. DESIGN STANDARDS DATED JANUARY 2004, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2004, AS AWENDED BY CONTRACT DOCUMENTS.

FDOT PROJECT MANAGER: RONALD WALLACE, P.E.

LD-4

SHEET DESCRIPTION

SHEET NO. LD-1 LD-2 - LD-3

KEY SHEET

TABULATION OF QUANTITIES LANDSCAPE NOTES AND PLANT SCHEDULE

INDEX OF LANDSCAPE PLANS

LD-5 - LD-24

LANDSCAPE PLAN

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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 AMERIMENTS, FERTILIZERS, SOIL INCOLLANTS, TREE PLANTING, WULCHING, HERBEICE AND PESTICIDE APPLICATIONS, AND MAINTENAME.
 - 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 10° PO FEXISTING GRADE, AND REPLACE IT WITH HEN 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 SCRIPT ALL COMPACTED SOIL WITHIN PLANTING AREAS AND CHECK FOR POSITIVE VERTICAL DRAINGE 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, SYONES, CLOOS, ROOTS, AND OTHER OBJECTIONABLE EXTRANEOUS MATTER OR DEBTIS. 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 WYCORRHIZAE SOIL HINOCULANT TABLETS DURING PLANTING. SOIL HINOCULANT 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 WATERIALS AT THE END OF THE ONE-YEAR WAINTENANCE AND WARRANTY PERIOD.
 - IF FERTILIZER SHALL BE 20-10-5, 21-GRAW PLANTING TABLETS, PLACED PER WANUFACTURER'S INSTRUCTIONS. THE FOLLOWING RATES SHALL BE USED:

LNE 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.
- D 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 ITEMMO. 580-1-2 "LANDSCAPE COMPLETE LANGE PLANTS", AND NO OTHER SEPARATE PAYMENT SHALL BE MADE.

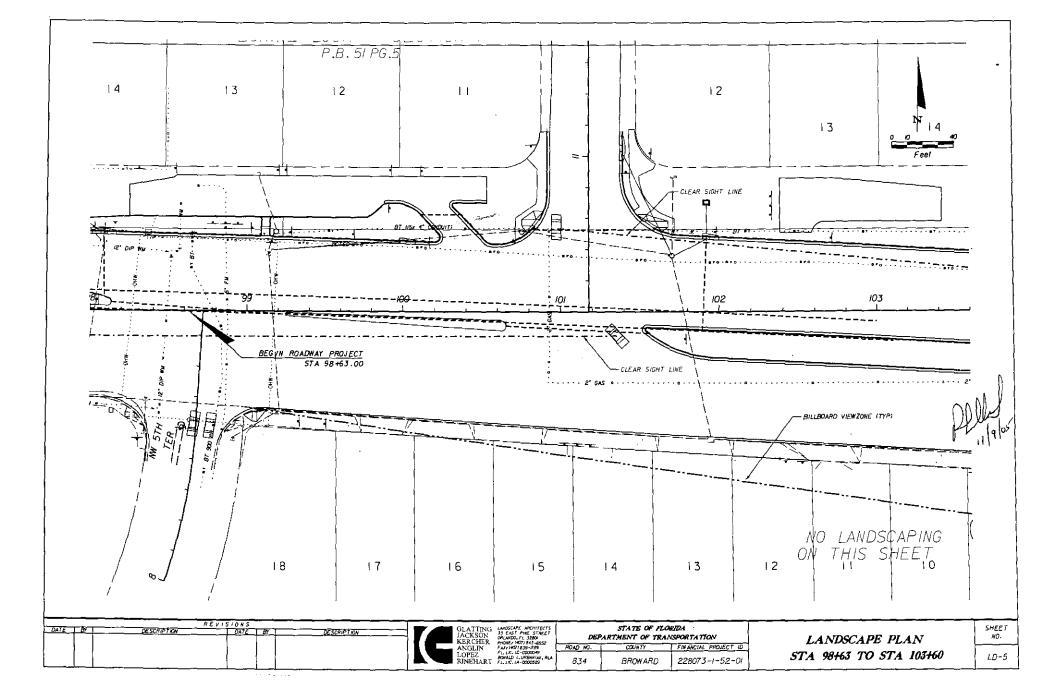
GENERAL NOTES

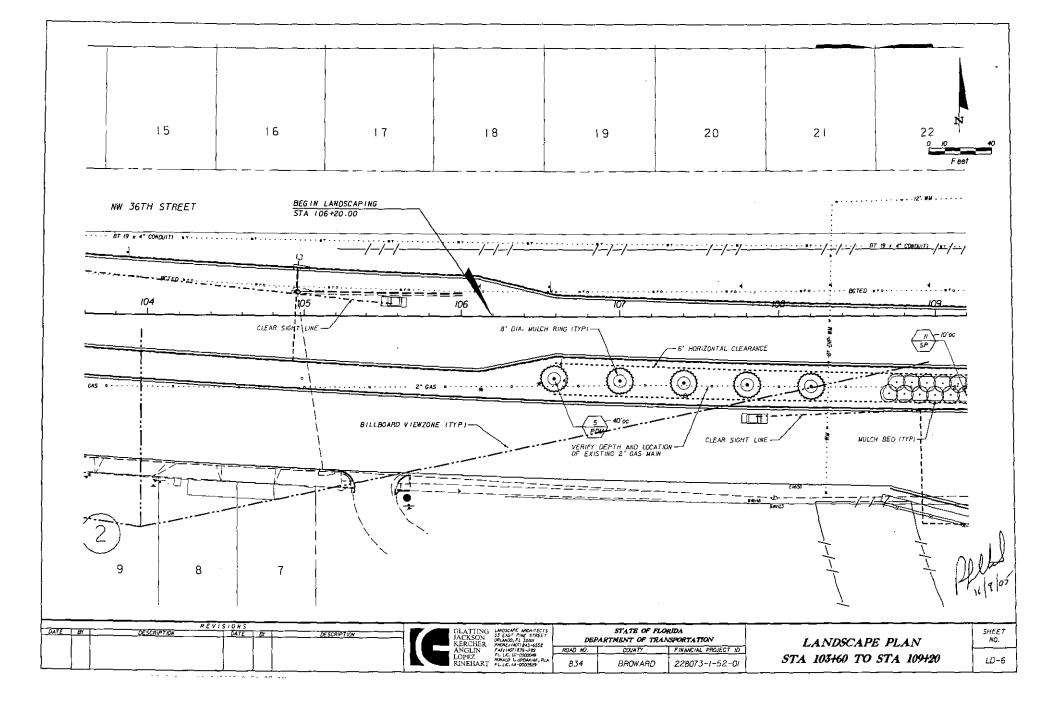
- 1) THE MAINTAINING AGENCY FOR THIS LANDSCAPE PROJECT IS BROWARD COUNTY.
- 2) SOME EXISTING TREES ARE IMPACTED BY THIS ROAD CONSTRUCTION PROJECT AND TREE REMOVAL PERMITS HAVE BEEN APPLIED FOR.
- 3) EXISTING BILLBOARDS HAVE BEEN TENTATIVELY LOCATED ON THE PLANS WITH 500-FOOT VIEWZONES INDICATED VIEWZONES WITH COMFLICTING TREES WILL BE NECOTIATED WITH THE BILLBOARD COMPANIES PRIOR TO CONSTRUCTION CONTRACTOR TO VERIFY BILLBOARD LOCATIONS AND STAKE WHERE VIEWZONE LIMITS INTERSECT THE RIGHT-OF-MAY LINE.

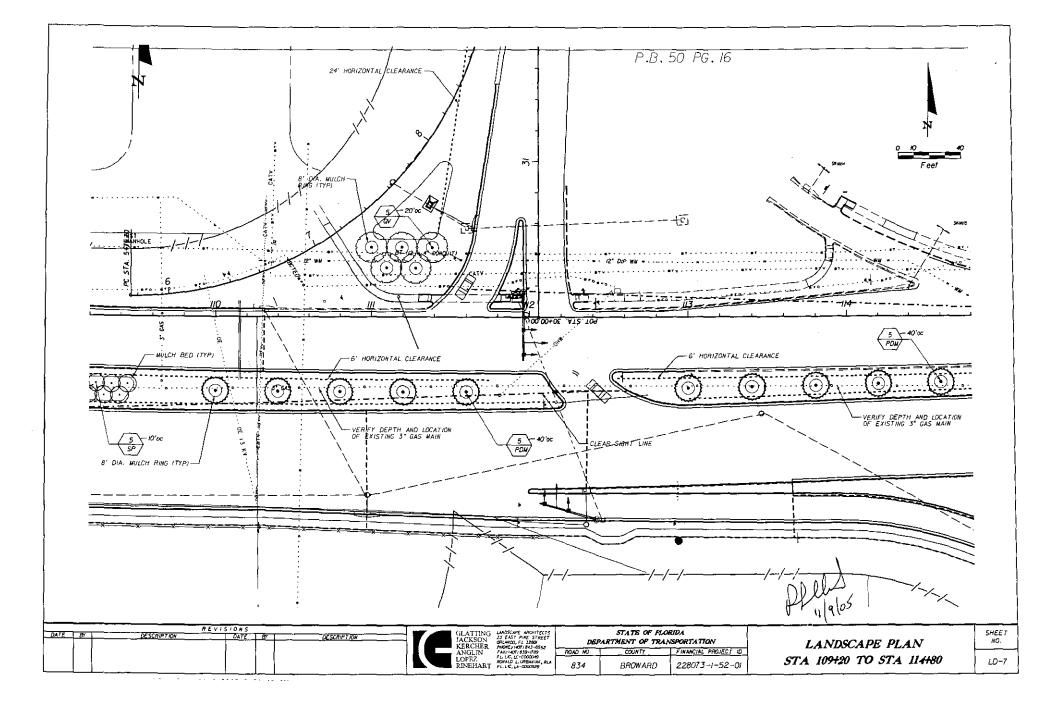


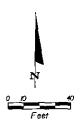
711	<u> 277</u>	MOTANICAL HAME	CONNEN NAME	MSTALLED SIZE	SPACING	PAY_SIZE	<u> </u>	••	ME.
DW .	44	PHOENIX DACTYLIFERA 'MEDICOL'	MEDJOOL DATE PALM	FG; 10"-12" C.T.; MATCHED WITHIN GROUPS	40° 0.C.	LARGE	r£\$	мо	70'
v		QUERCUS VIRGINIANA	LNE DAK	100 GAL; 15'-16' 1 8'-10'; 4"-5" CAL	40° 0.C.	LARGE	YES	TES	60'
,	42	SABAL PALMETTO	CABBAGE PALIF	FG; H'-16' HT	0° 0C	LNIGE	rES	7ES	60,

DATE BY DESCRIPTION DATE BY DESCRIPTION	GLATTING UNDSCAPE MOUTESTS JACKSON 32 EAST PINE STREET KERCIER PROMOTION 1819-5552 ANGLIN FAMORISM 1819-5552 LOPEZ FLUE US-CORDON RINEHART MORAL LIGHTMAN, PLUE BAND L	LANDSCAPE NOTES AND PLANT SCHEDULE SHEET NO. LD-4
	RINEHART FLLECUL-COCCESS 834 BROWARD 228073-1-52-01	ALLO TOMES BOLLDOOL



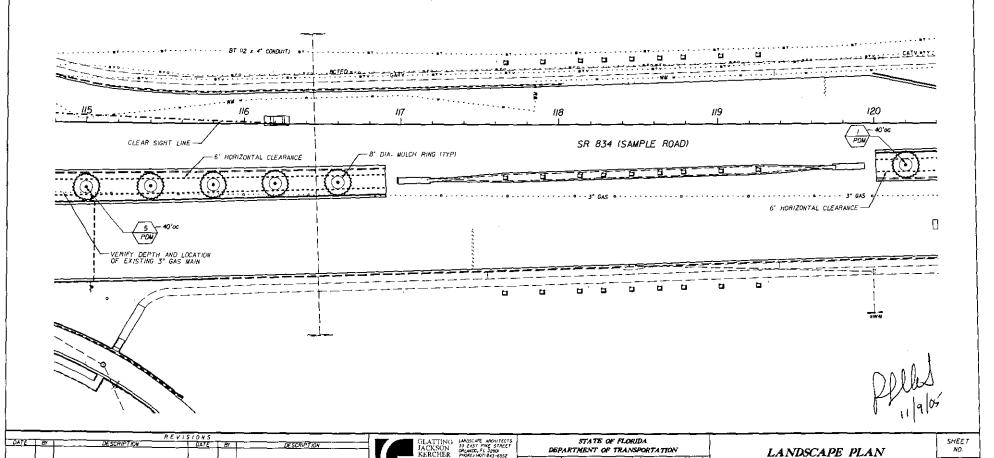






STA 114480 TO STA 120440

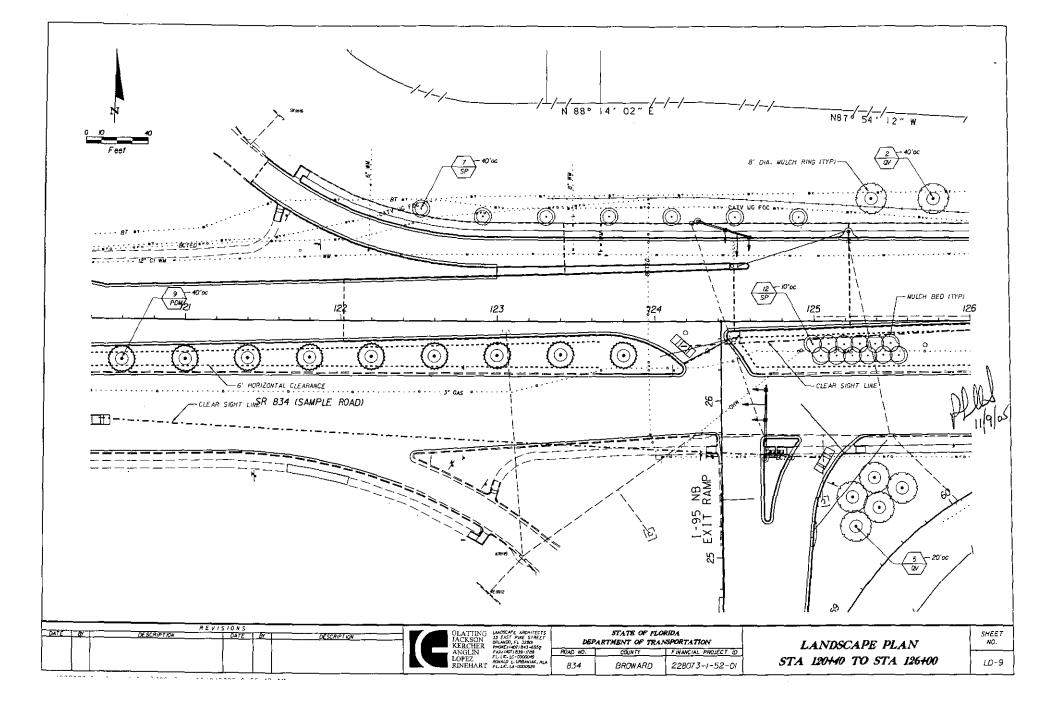
LD-8

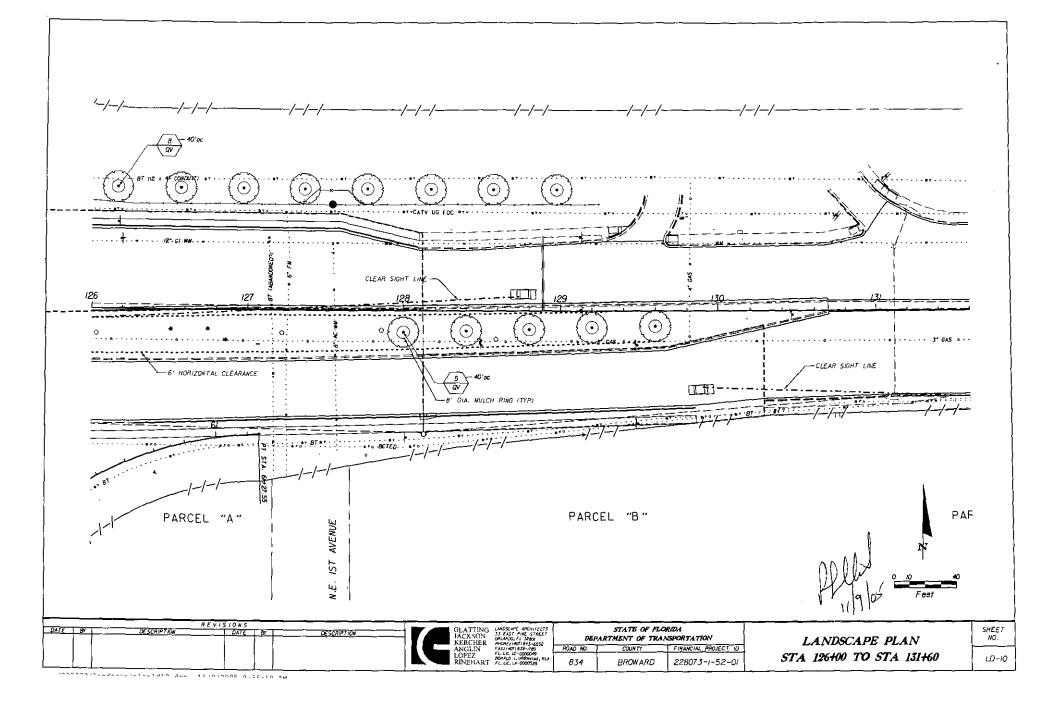


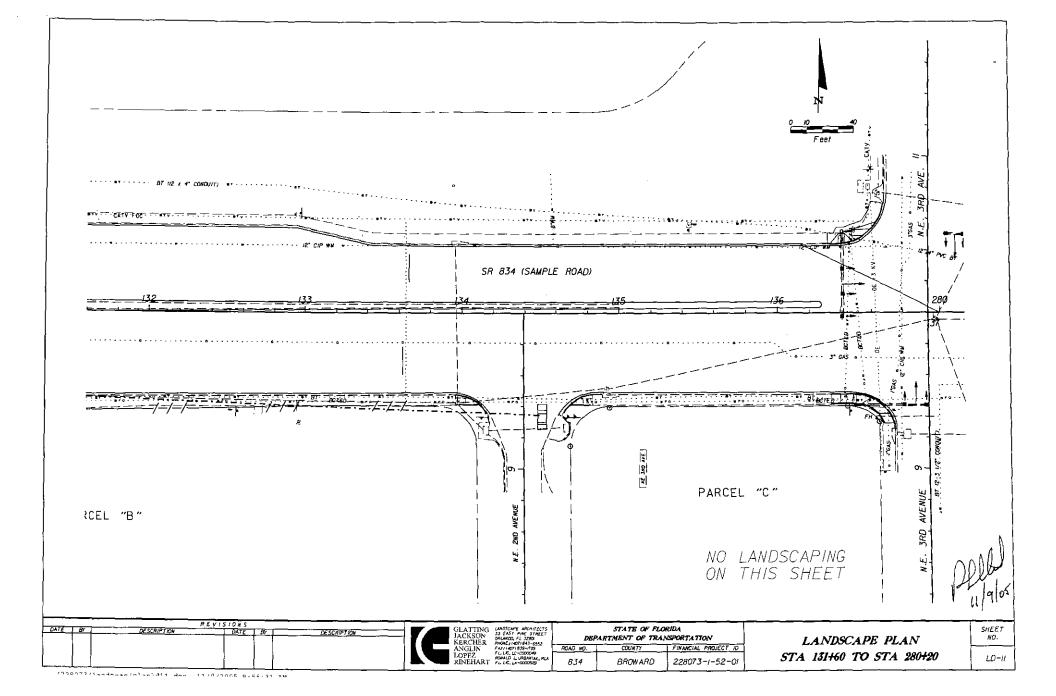
834

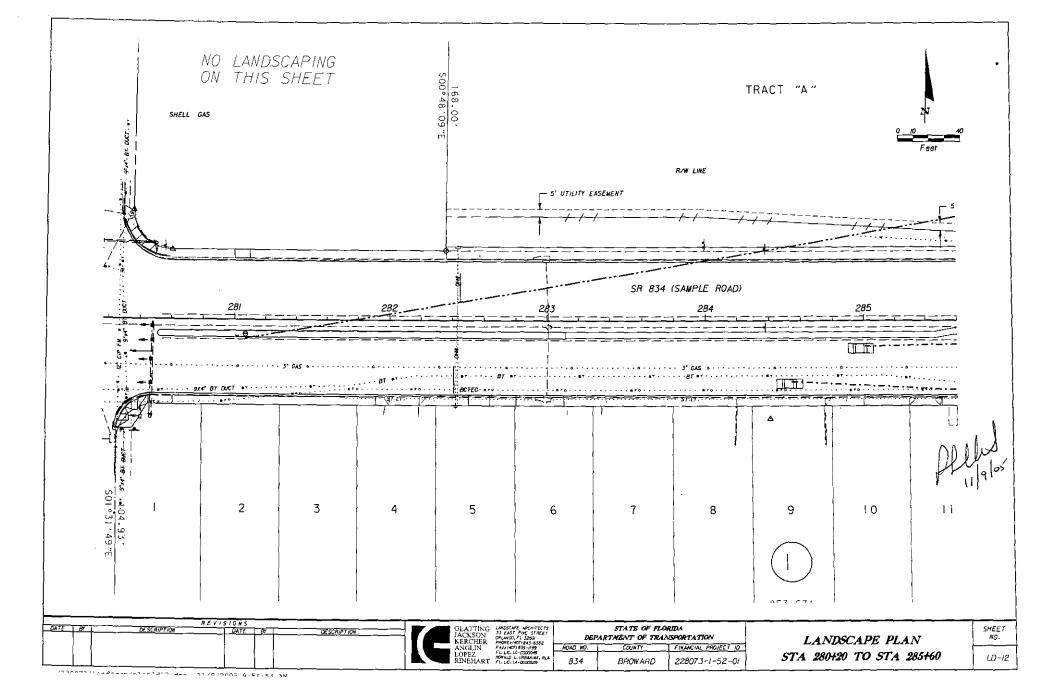
BROWARD

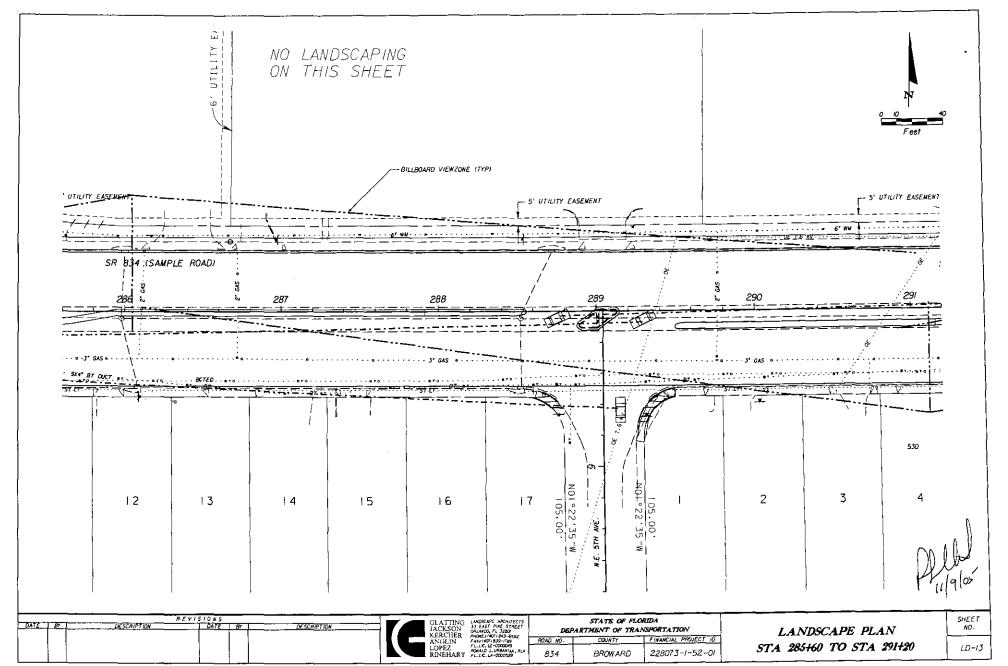
228073-1-52-01

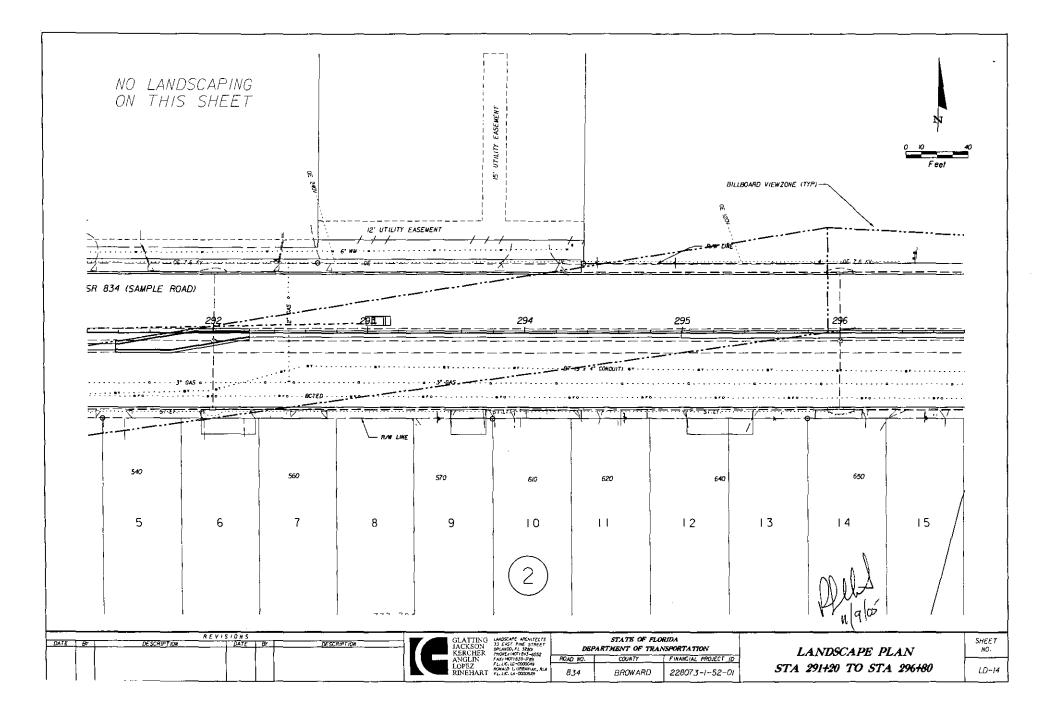


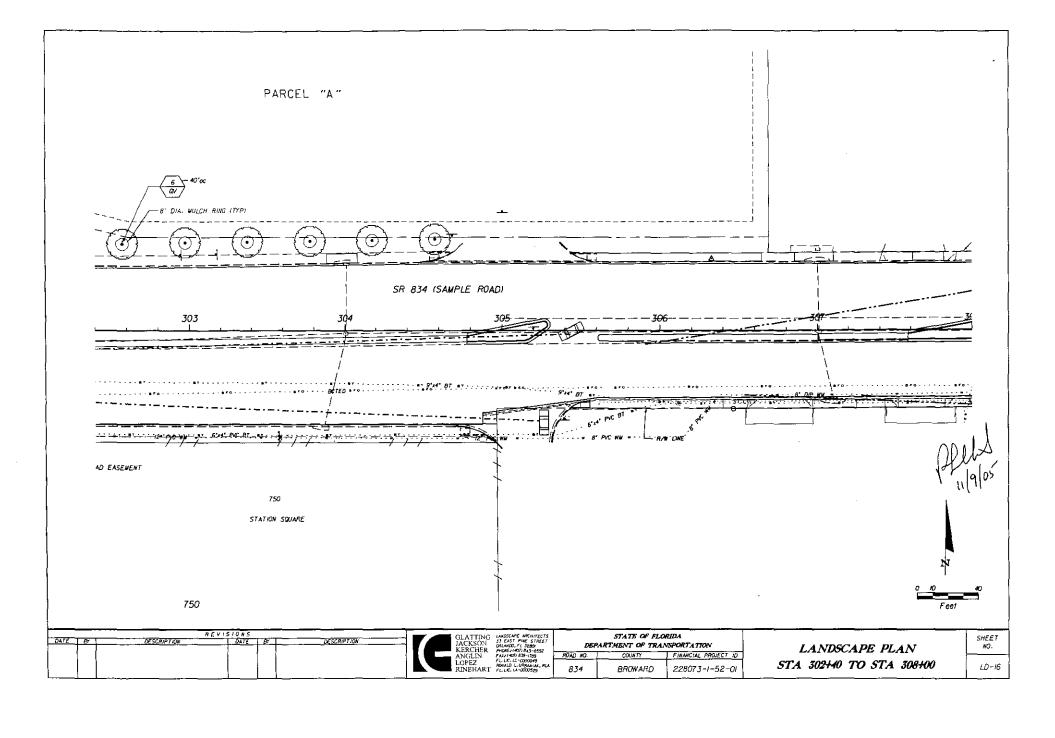


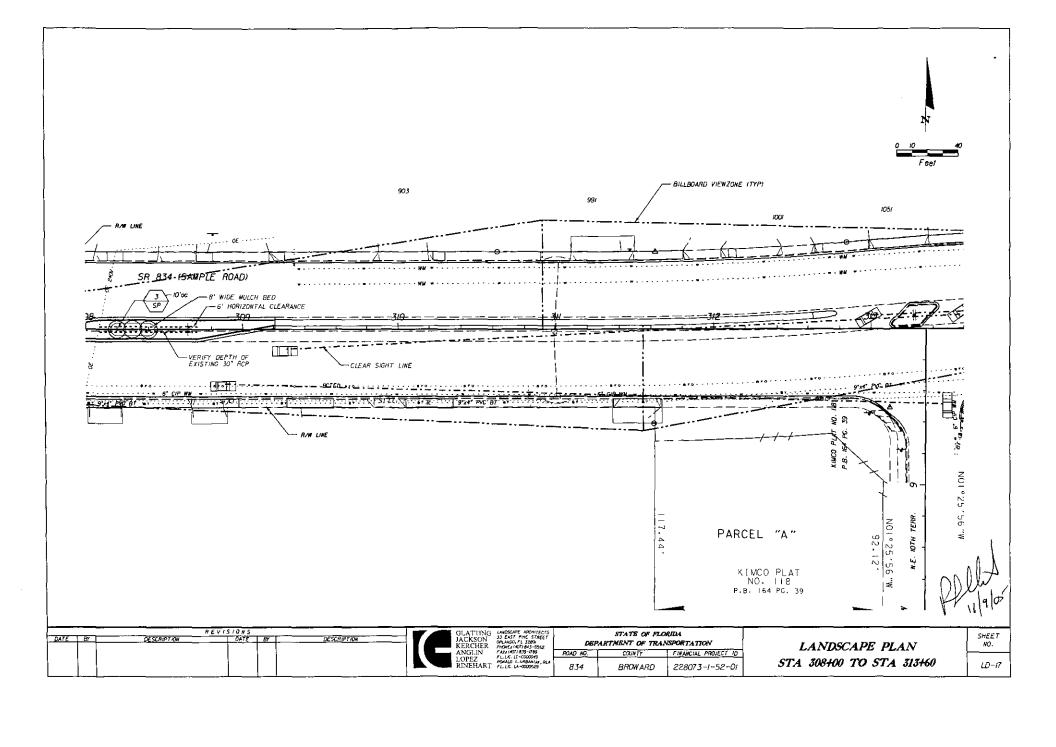


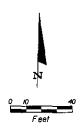


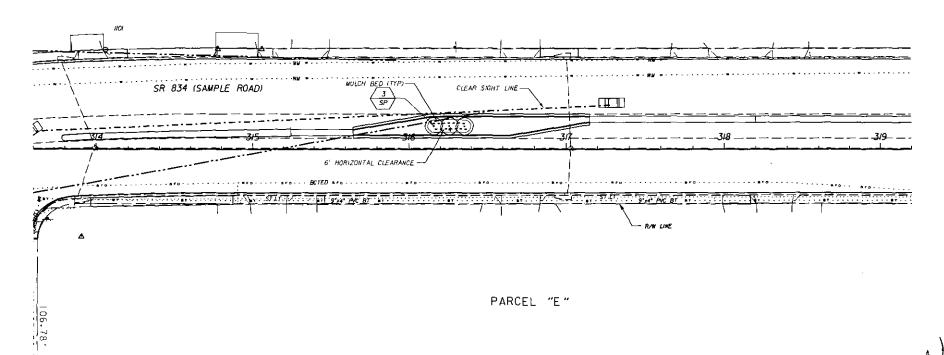






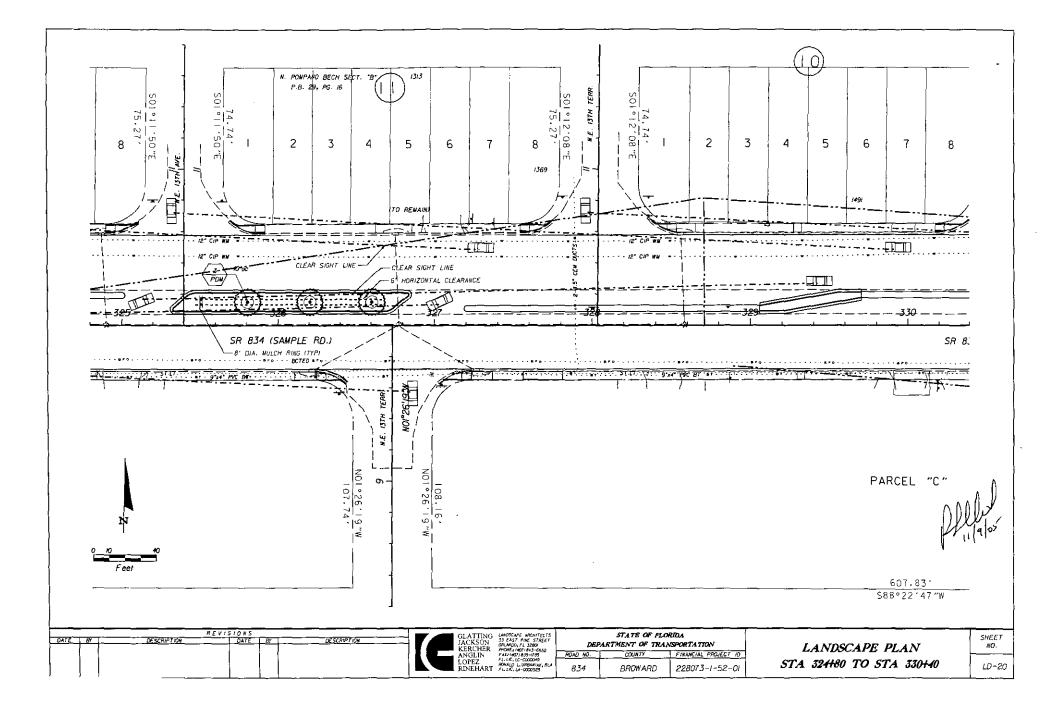


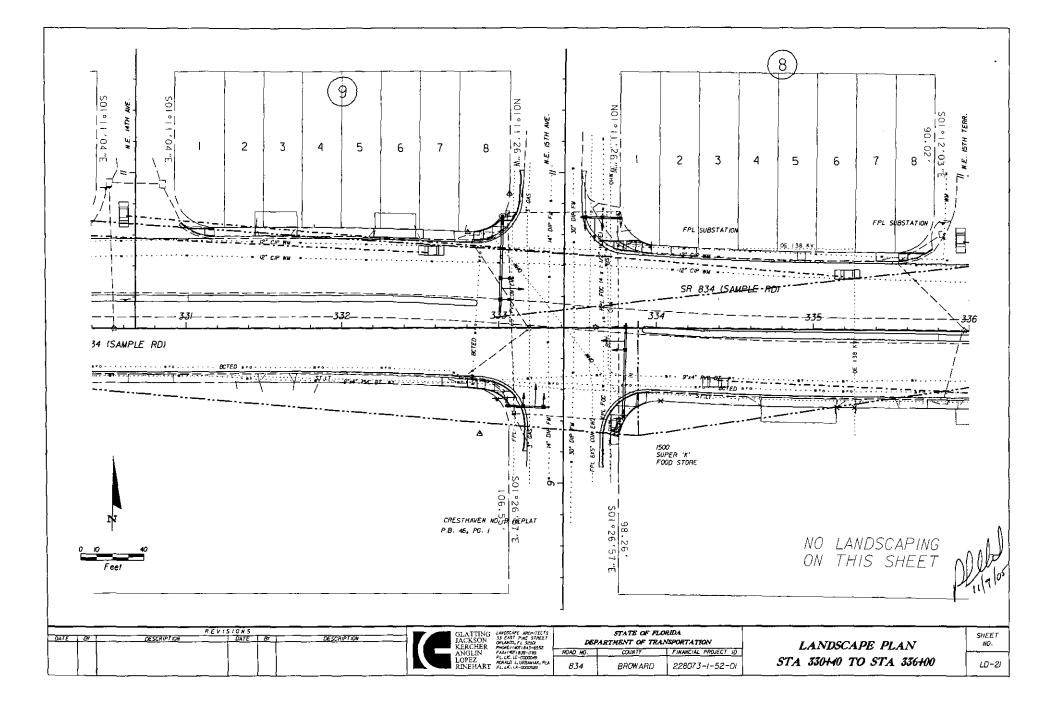


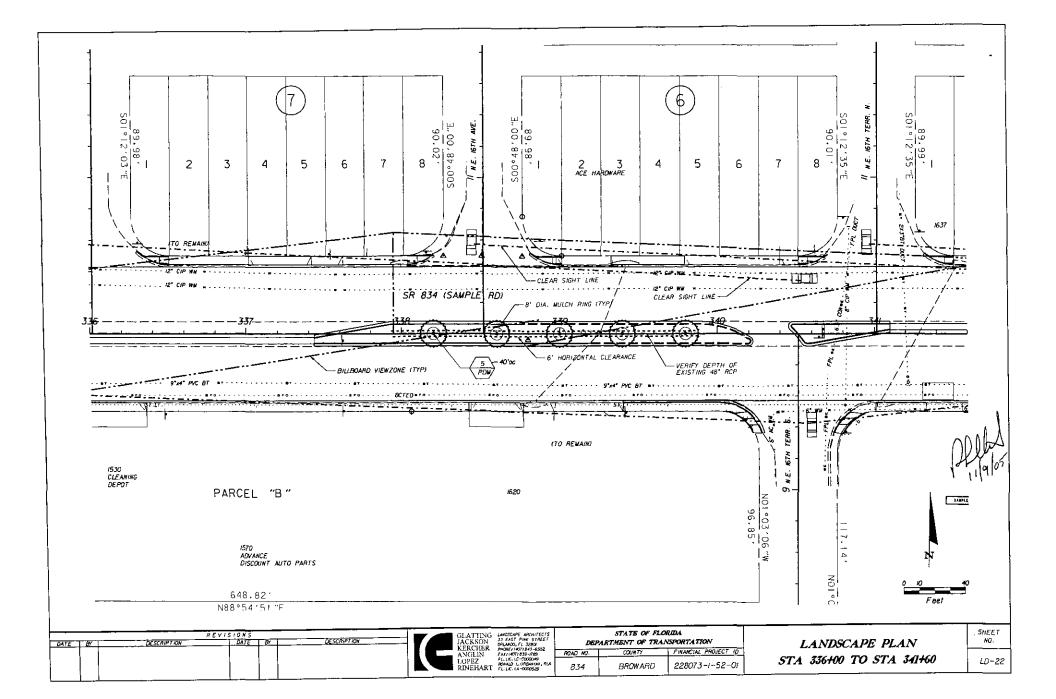


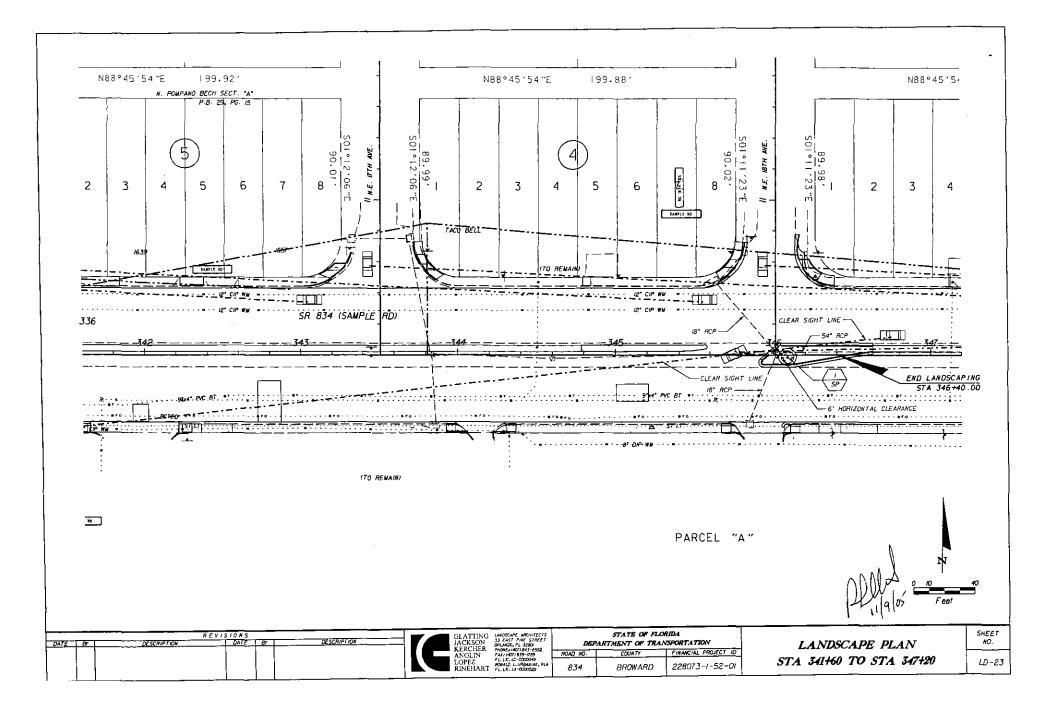
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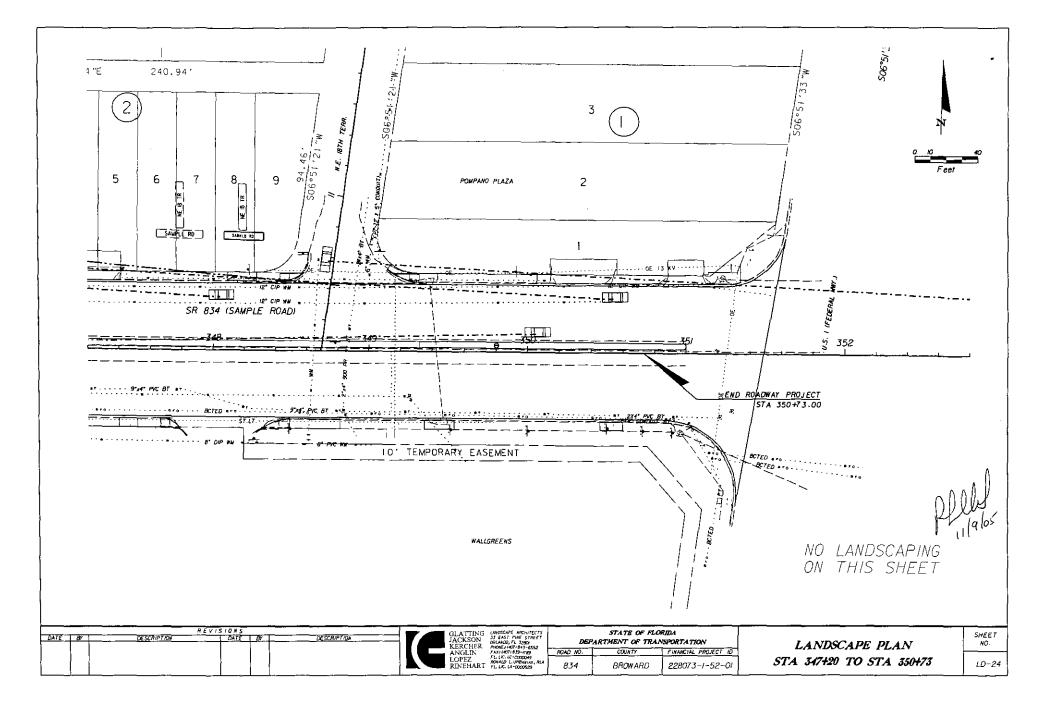
DATE BY DESCRIPTION DESCRIPTION	LOPEZ FLIE G-COOONS	LANDSCAPE PLAN SHEET NO.
		











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

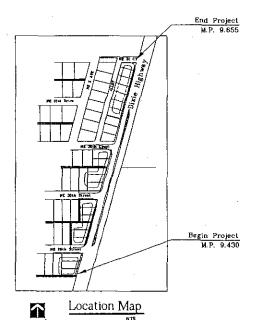
Dated: October 2, 2007

SR811 (DIXIE HWY) LANDSCAPE IMPROVEME

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.



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

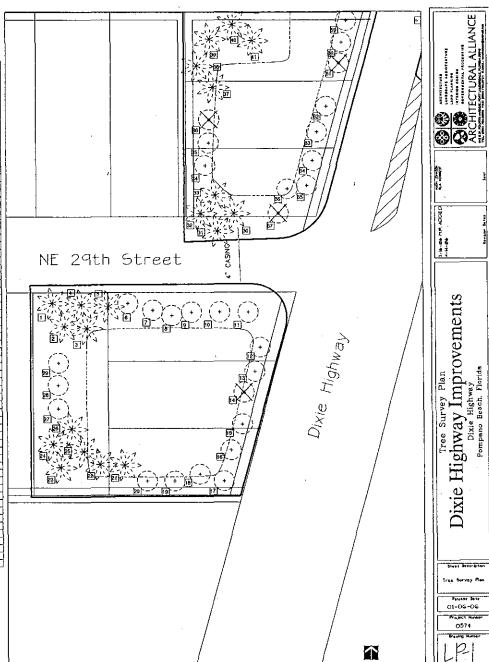
ARCHITECTURAL ALLIANCE

512 S.W. FOURTH AVENUE, FORT LAUDERCALE, FLORIDA 33315
TEL: (954) 764-8858 FAX: (954) 764-0731 E-MA(L: Jandacapa@orcholl.net

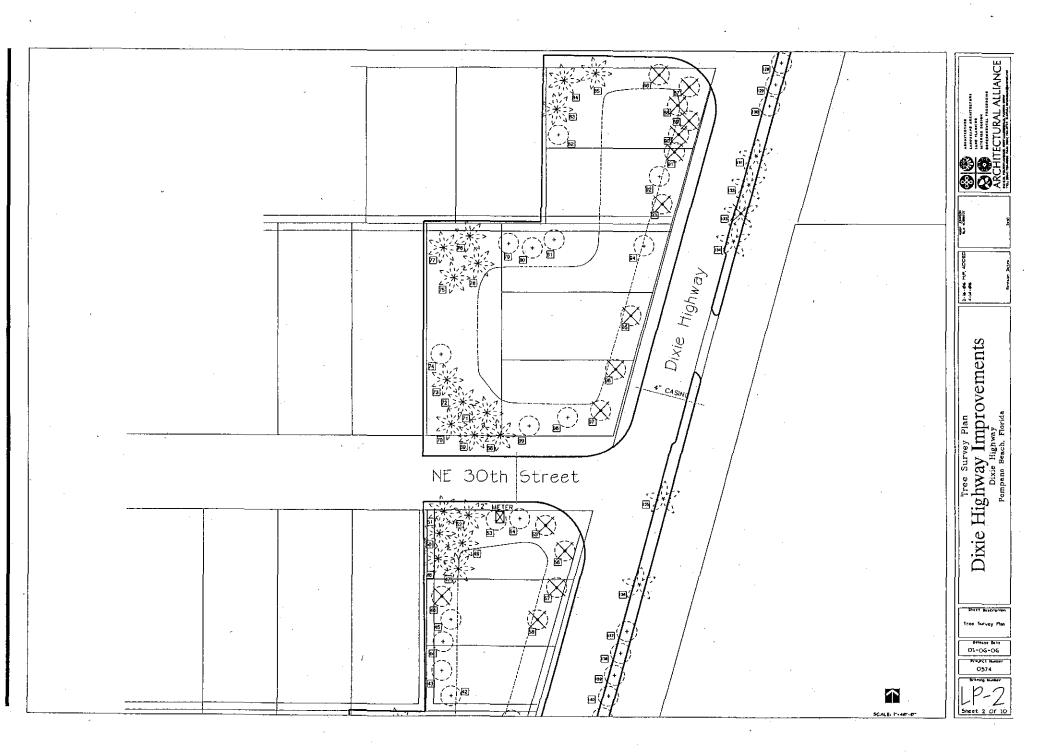
SR811 (Dixie Hwy) Landscape Improvements - Pompano Beach, Florida Purpose: Existing Tree Status

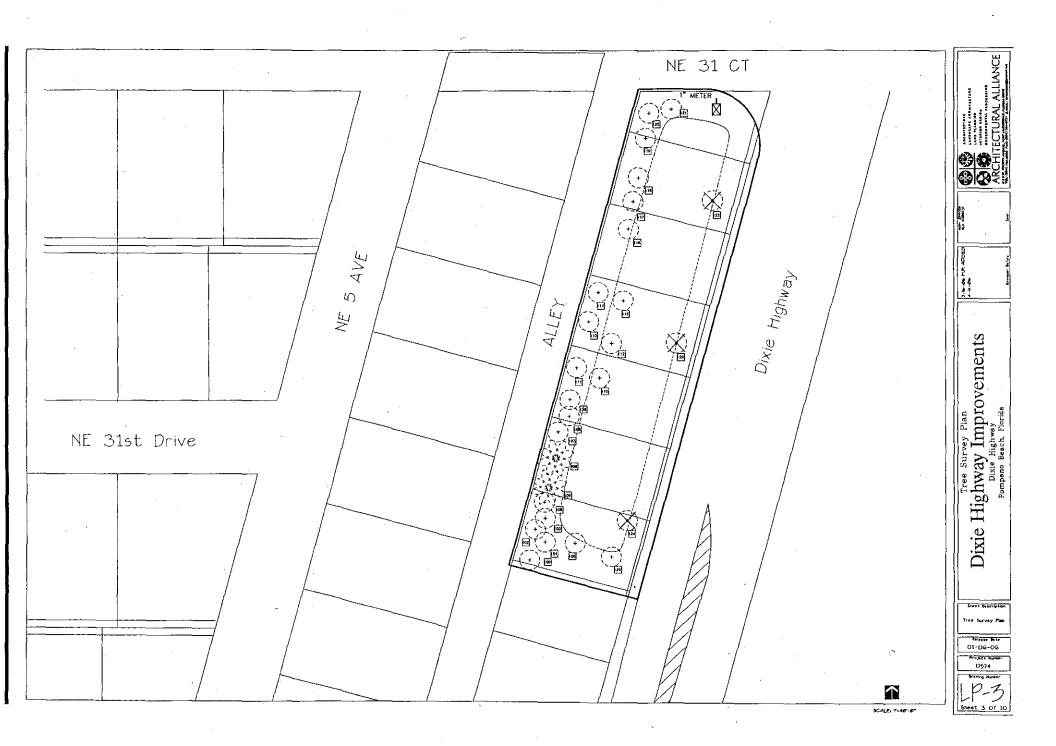
ree #	Туре	Caliper	Overall		Relocate	n
		5ize	Height	Remove	Relocate	Remain
			 			
	Coconut Pulm	8"	15			_X_
2	Coconut Poin	9"	15	——		x_
3.	Cacanut Poim	6-	15°	ļ	1	Д.Х
4	Coconut Palm	8-	15°		1	_X_
5	Coconut Palm	8"	15'	ļ	1	_х_
<u>, </u>	Black Okve	6"	_15'	 		_X_
. 7	Mahogany	2"	10"	ļ	ļ	Х
	Mahogany	2"	10"	ļ		X
	Mahogany	2	10"	<u> </u>		х
10	Laurel Qak	4*	12"	<u> </u>		x
11	Laurel Oak	4"	12"	L		X_
12	Geiger	2"	10"			X
13_	Geiger	2*	. 10'			X
14	Geiger	2.	В'	x		
. 15	Mahogany	4	15'	ļ. ——	}	x_
16	Gelger	3"	10'	J	1	X
17	Mahogany	4"	10'	<u> </u>		_X
18	Black Olive	4"	15'	ļ	1	х
19	Mehogeny	6-	. 20'			X
20_	Mahagany	6*	20'			_×_
21	Coconut Palm	8"	15'		 	_x_
22_	Caconut Pake	8"	15°	I	1	X
23	Coconut Polm	8"	15*	L		_ X
24	Coconut Poim	8-	_ 15'	1		Х
25	Coconut Palm	8*	15"			_x_
26	Coconut Palm	-8"	15'		Ų.	X
27	Royal Fonciona	3-	10"			х_
28	Royal Poinciana	3-	101	1	1	X
29	Royal Poinciana	_3"	10"			x
30	Cocanut Palm	8"	15			_ x_
31	Coconut Palm	8"	151			x_
32	Cocorut Faim	_8	15'	1		_x_
33	Coconut Palm	8-	15'			x_
34	Sea Grape	10"	20'		T	x
35	Sea Grape	10"	20'			X
36	Sen Grape	10"	20'	X		
37	Coconut Palm	8*	15'		1	X
36	Coconut Paim	8"	15	T		x
39	Coconut Palm	8"	15'		T	X
40	Coconut Palm	8"	15'			_x_
41	Coconut Palm	8"	15'		T	x
42	Black Olive	4"	12	1		×
43	Black Olive	6"	15		1	X
44	Sea Grape	10"	20'		1	X
45	Sea Grape	10"	20'		1	X
46	Sea Grape	10"	20'	х	1	_ · · · · ·
47	Coconut Palm	8.	15'	1 ~	1	- x
48	Coconut Palm	8"	15'	1	1	X.
49	Coconut Paks	ě-	15'	 		×
50	Coconut Pain	8-	15	1		- x
51	Coconut Palm	_8	15'	+-	+	1 x
52		8-	15	+	_	x
53	Cocoaut Palm	2	9,	+		x
<u> </u>	Mahogany	2	8.	-	+	- x
54	Manogany	2	8.	×	$+ \cdot \cdot \cdot$	
56	Geiger	2	8'		+	
57	Ceiger	2"	8·	 X	+	
5 7	Ceiger		8	- X	+	+
59	Ceiger	2"_	15'	 ^	_	X
	Mahogany			+	+	
<u>60</u>	Mahagasy	3	10.	+ -		_X
61_	Geiger .		8'	- X	+	-
- 62	Calost	2	6'			x
63	Geiger	2"	6°	+		1 ×
64	Geiger	2"	6'	+	+	1-X-
<u>_65</u> _	Geiger	2"	. 6'	1		<u> </u>
66	Geiosr	2"	6'_			Т.
. 67_	Mahogeny	4	8'	X	+	
GB.	Coconst Palm	8"-	. 15'	+	_	X
- 69	Coconut Palm	8"	15'		_	_ x
70	Coconut Palm	5"	15°			X
71	Coconut Palm	8"	15'	-		x_
72	Coconut Palm	_8"	15'			x_
	10 (0)	1 00	1	1	1	1
73 74	Coconut Palm	8 4	15°			X

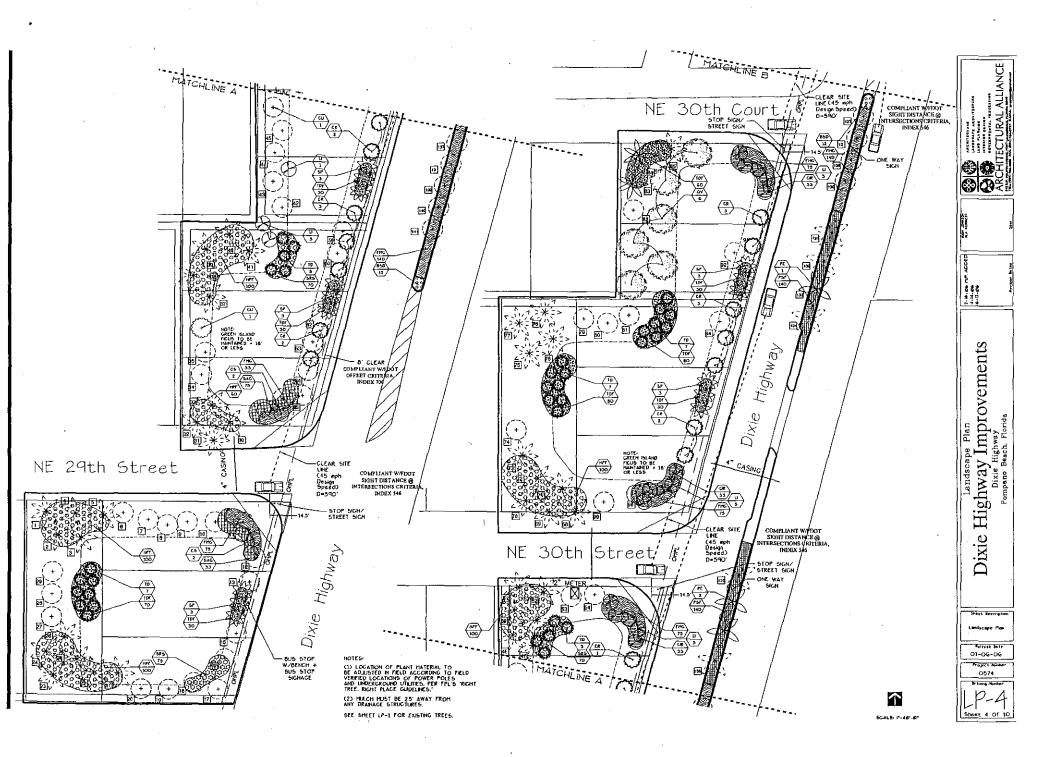
. 75 .	Coconut Palm	8*	15'	T	T 3	х
76	Coconut Palm	8-	15"	I		х
77	Coconut Poin	9*	15"			х
. 78	Coconut Palm	8"	15'			x_
79	Mahopany	3"	10'			X
. 80 .	Mahogany	3"	10'	T		X_
B1	Masic	3"	10'	1		×
62	Maple	4-	12'	T		X
83	Coconut Palm	8.	15'		T	X
84	Coconut Palm	8*	15'		1	X
85	Coconut Palm	8-	15'		1 -	X
86		4*	15'	Х		
87	Sea Grape Caper	2-	8'	X	1	
88	Geiger	2-	6'	. x.	_	
89		2"	8,	_x	 	
90	Ceiger	2"	6'	- x	1	
91	Geiger	2-	6'	L.X	1	
92	Geiger	6"	12'	——	-	X
	Laurel Oak			 	+	
93.	Geiger	2"	. 6'	X	+	
94	Gumbo Limbo	3-	10'	 	+	X_
95	Geiger	2"	5'	. х	 	
96	Geiger		3"	X	+	
97_	Geiger	2"	3	×	+	
98_	Cumbo Limbo	3	B'	 -		x_
99	Gumbo Limbo	3*	8'			X_
100	Gumbo Limbo	10"	20'	ļ	ļ	X_
101	Cumbo Limbo	10"	201		_	X
102.	Gumbo Limbo	10"	20'			X_
103	Gumbo Limbo	10*	20'	ļ	ļ	х_
104	Gumba Limba	10"	20			X_
105	Royal Palm	20*	20	<u> </u>	.1	. х
.106	Royal Palm	20"	20			х
107	Gumba Limba	10⁻	20'			Х
108	Gumba Limba	10*	20'			×
109	Gumba Limba	10"	201	T	1	X_
110	Mahogany	4-	12		 	X
111	Gumba Limba	β.	15			X
112	Mahogany	4"	12'	1	1	X
113	Cumbo Lurbo	a-	20	1		X
114	Gumbo Limbo	8.	20'	1		X
115		4-	12	1	_	x
116	Mahogany	12	20'	 	 	Ŷ
	Royal Ponciona	6"	15'	·	 -	x.
117	Cumbo Limbo			+		
116	Mahogany	6-	20'	+		X
119	Gumbo Lambo	6"	15"	+	+	Ŷ
120	Gumbo Limbo	6"	15'	+	+	X
121	Cumbo Limbo	6°	15"	 	+) ×
12.2	Live Ook	2*	B'	X	+	
123	Gumbo Limbo	3"	8,	x		
124	Mehogeny	2*	8'	X		ļ
125	Mahogany	4"	12'	1		x_
126	Mahagany	8*	15'	1		X
127	Crape Myrtle	Multi	6'			X
128	Crape Myrtle	Multi	8'		1	Х
129	Grape Myrtle	Multi	8'	J	1	X
130	Crape Myrtle	Multi	8'		1	Х
131	Veitchia Pale	6.	12			X
132	Vertehia Pala	6"	12'	1		X
133	Veitchin Pola	6*	12' .	X		1
134	Veitchia Palm	6"	12			x
135	Vertebio Pole	6-	12'	1		x
136	Veitchia Palm	6	12"	1	+	î
		health	8	1		Lâ
137	Crape Hyrtle		8'	1	- 	
138	Grope Myrtle	Multi		+		X_
. 139	Crape Myrtle Crape Myrtle	Multi	8.			- X
140						

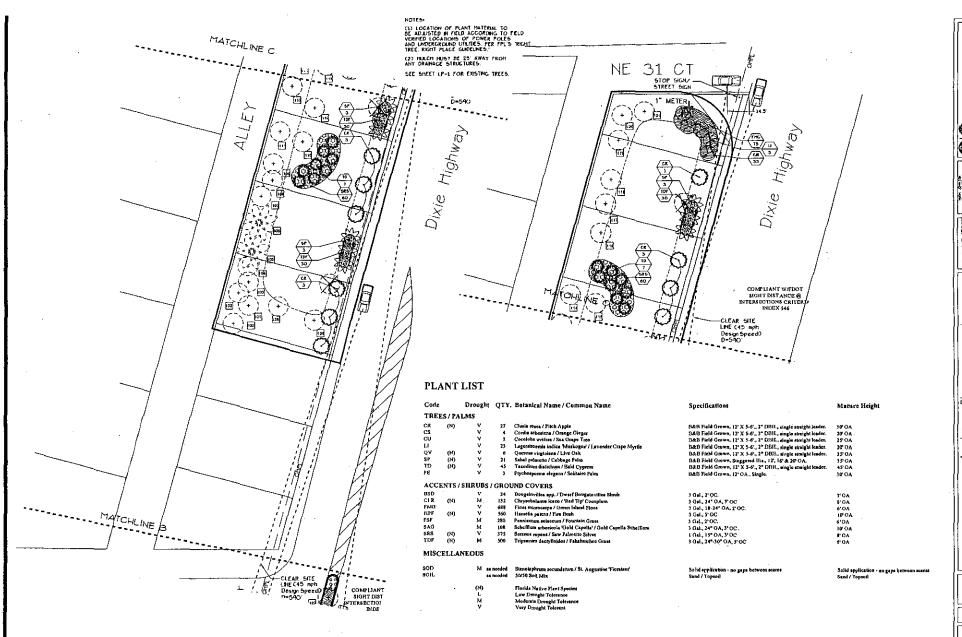


01-06-06 0574 Brazing Humber









个 5CALE: 11-40'-0"

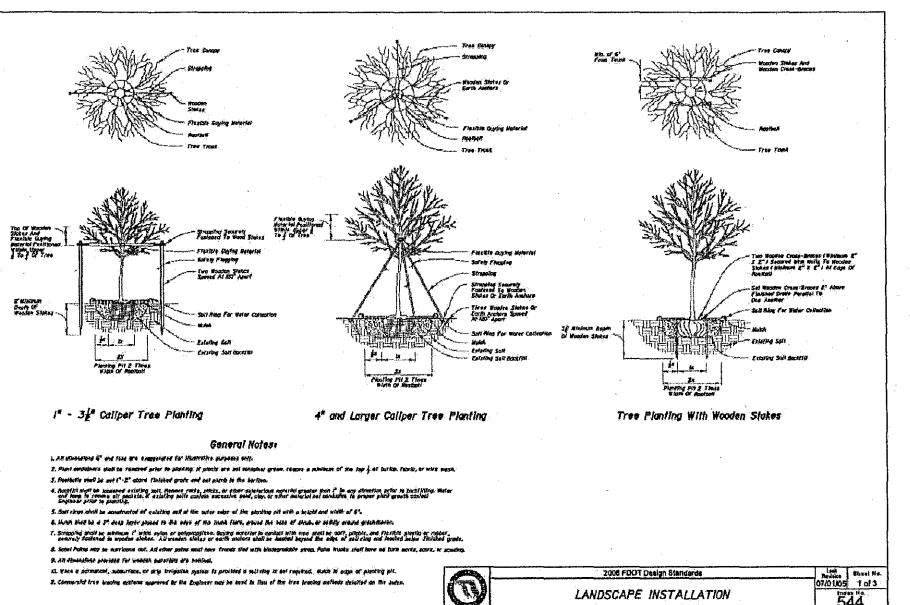
Highway Improvements
Dixie Highway
Pompano Beach, Florida

Dixie]

Privace Date 01-06-06 Project Market

0574 Brazing Humber

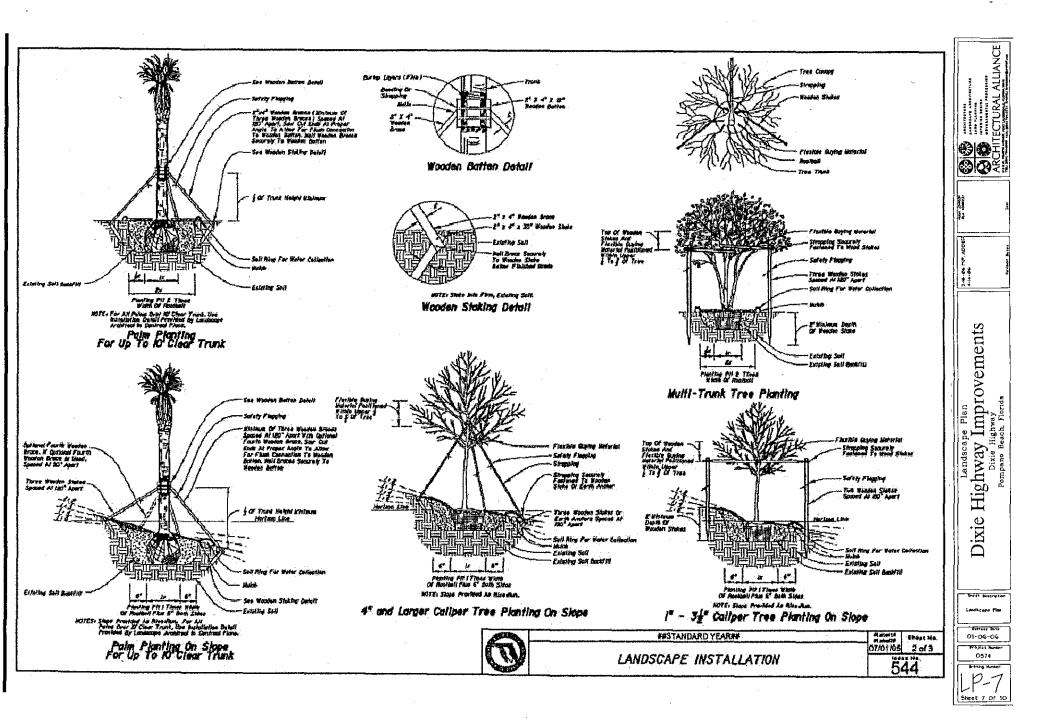
Sheet 5 Of 10

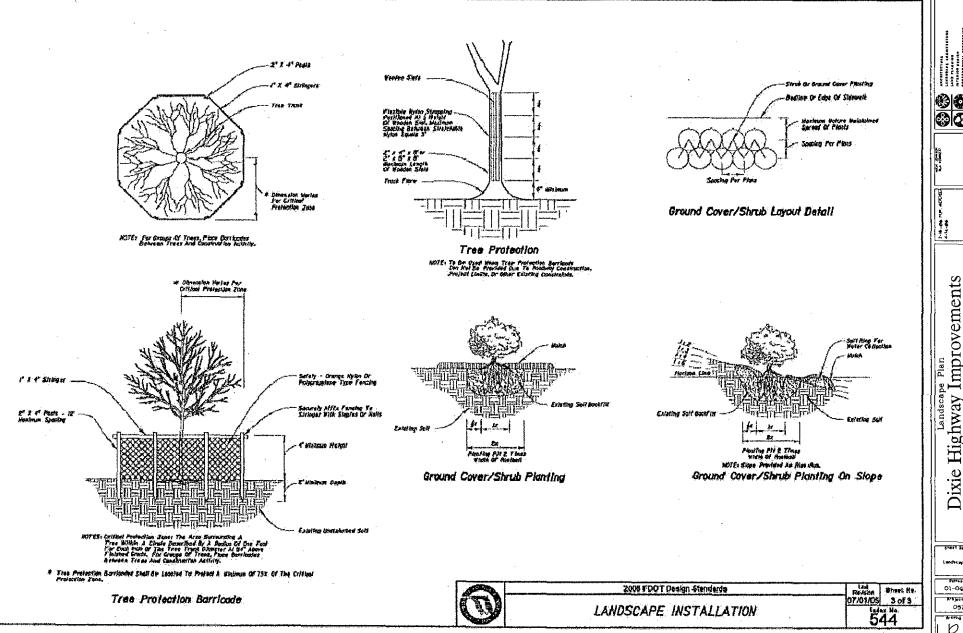


Highway Improvements Dixie]

01-06-06 Fragret Marke

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Landscape Plan Highway Improvements Dixie Highway Pompano Beech, Floride

Sheet Description

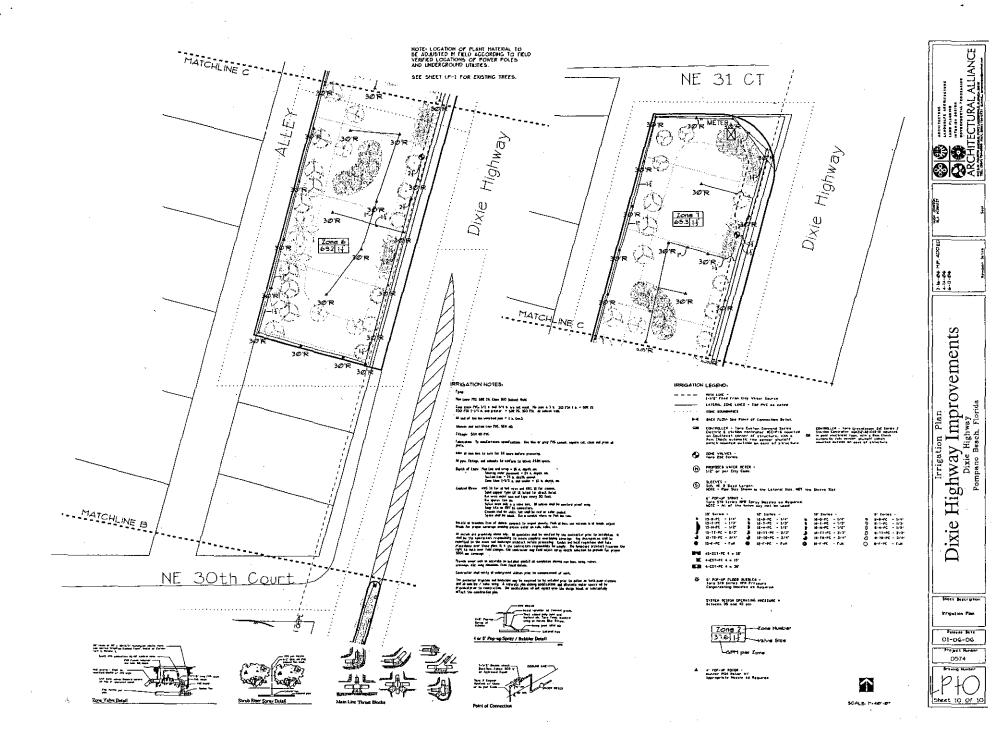
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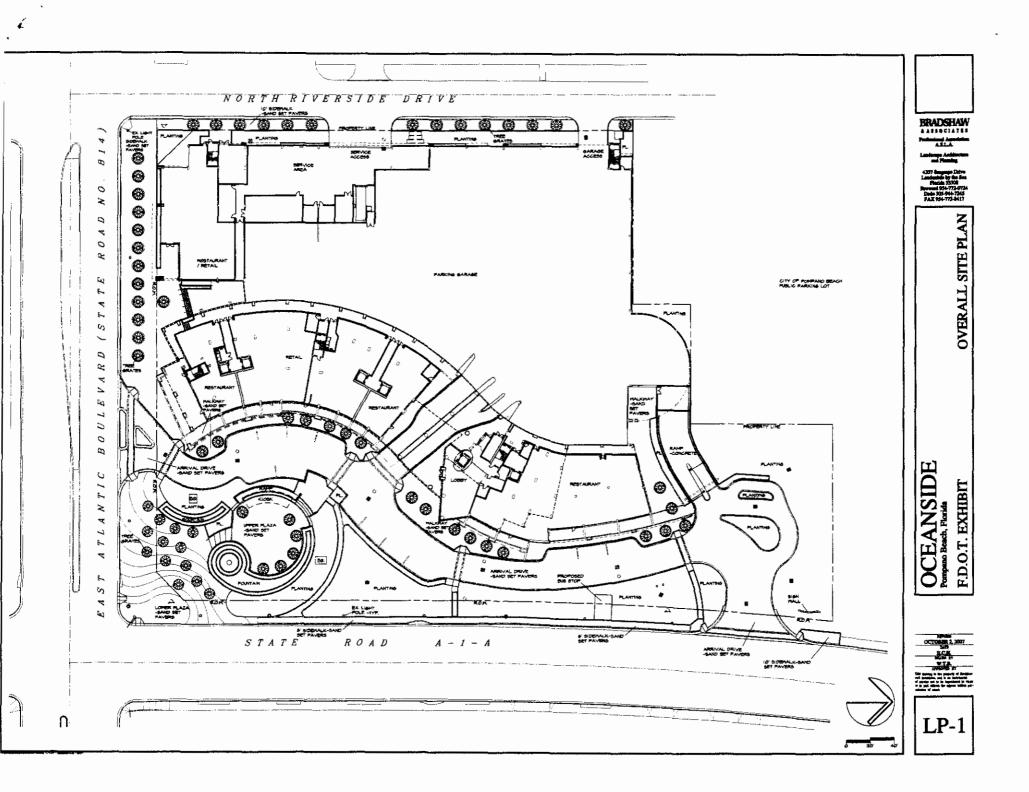
01-06-06 Project Hinbe

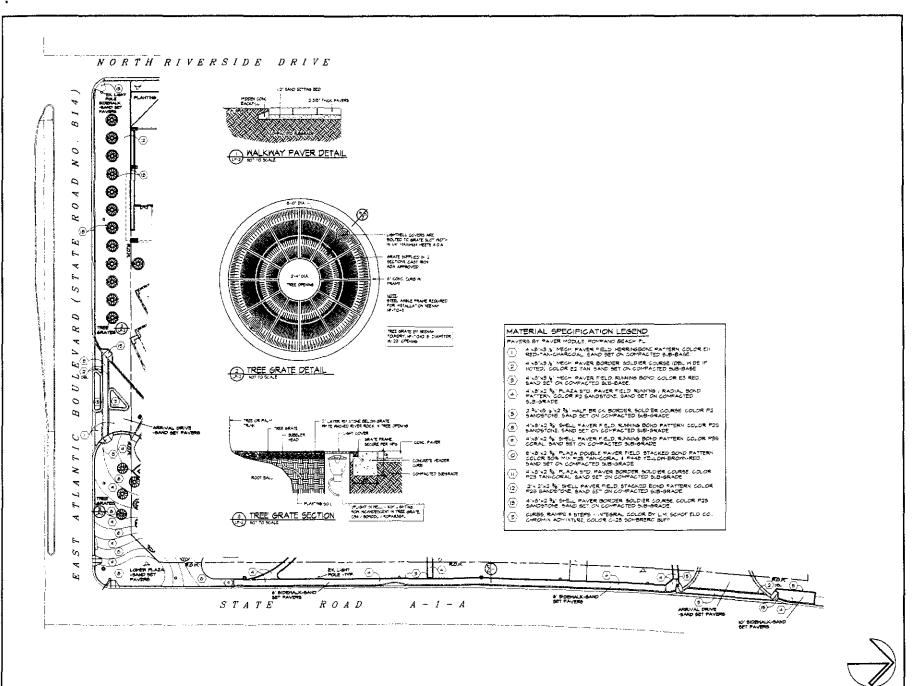
0574 Brilling Number

Sheet 8 Of 10









BRADSHAW & ASSOCIATES AARIAA

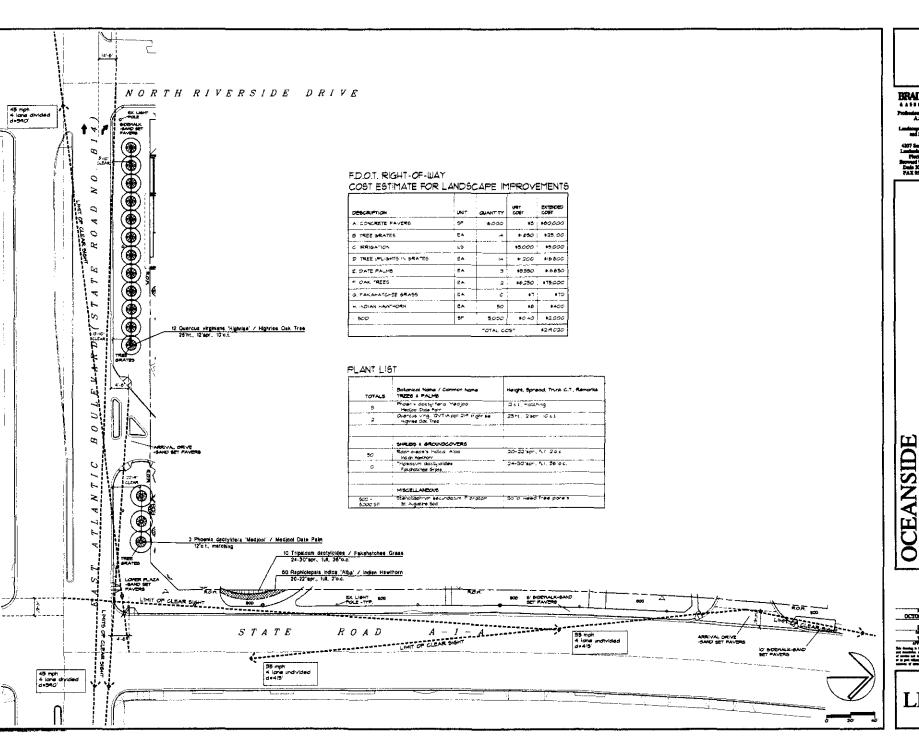
4337 Seagrap Edve Landerhale by the Sea Plantin 5330 Reviews 954-772-0724 Date 305-964-7245 FAX 954-772-8417

HARDSCAPE PLAN

OCEANSIDE F.D.O.T. EXHIBIT

VIII

LP-2



BRADSHAW

PLANTING PLAN

OCEANSIDE Pompuno Bonch, Florida F.D.O.T. EXHIBIT

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: FM No.(s):

BROWARD 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.

<u>Irrigation System:</u>

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.

Page 2 of 5

FDOT/EAH 9/17/2007

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 Pavernent 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

Page 3 of 5

FDO I/EAH 9/17/2007

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

FDOT/EAH

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

9/17/2007

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: FM No.(s):

BROWARD 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	EΑ	44	6,950	305,800
	Live Oaks	EA	37	800	29,600
	Sabal Palms	EA	42	250	10,500

Total	345,900
10:01	



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		 -		 	
IREES		 			
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		 	_ _	 	<u></u>
5 FOTD OOUTDOL VILVEO					
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	
4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
1 1/4" LATERAL LINE	\$3.90	LF	2400	\$9,360.00	
1" LATERAL LINE 3/4" LATERAL LINE	\$3.00 \$2.20	LF LF	2730 1240	\$8,190.00	
1/2" LATERAL LINE	\$2.20 \$1.80	LF LF	160	\$2,728.00 \$288.00	
1/2 EXTENSE LINE	Ψ1.60	 	100	\$200,00	
SODDING					
ST. AUGUSTINE	\$0.52	SY	752.91	\$391.51	
TOTAL OVERALL COST				\$119,823.83	
		 		<u> </u>	
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 419838-1-58-01

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



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

Code	QTY.	Botanical Name / Common Name	Specifications	Unit Price Installed	Total
TREE	S / PALMS				
CR CS CU LI PE QV SP TD	27 4 2 23 3 6 21 45	Clusia rosea / Pitch Apple Cordia sebestena / Orange Gieger Coccoloba uvifera / Sea Grape Tree Lagerstroemia indica 'Muskogee' / Lavender Crape Myrtle Ptychosperma elegans / Solitaire Palm Quercus virginiana / Live Oak Sabal palmetto / Cabbage Palm Taxodium distichum / Bald Cypress	B&B Field Grown, 6-7' OA. B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader. B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader. B&B Field Grown, 12' X 5-6'., 2" DBH., single straight leader. B&B field Grown, 14' OA, 3" cal., single trunks 45 Gal., 12' X 5-6'., 2" DBH., single straight leader. B&B Field Grown, Staggered Hts., See Plan for Heights 25 Gal., 10-12' OA.	\$150.00 \$360.00 \$300.00 \$300.00 \$250.00 \$437.50 \$162.50 \$187.50	\$4,050 \$1,440 \$600 \$6,900 \$750 \$2,625 \$3,413 \$8,438
ACCI	ENTS / SHRU	BS / GROUND COVERS			
BSD CI R FMG HPF PSF SAG SRS TDF SOD	24 132 688 560 280 108 375 500 108,528 sq.ft.	Bougainvillea spp. / Dwarf Bougainvillea Shrub Chrysobalanus icaco / 'Red Tip' Cocoplum Ficus microcarpa / Green Island Ficus Hemalia patens / Fire Bush Pennisetum setaceum / Fountain Grass Schefflera arboricola 'Gold Capella' / Gold Capella Schefflera Serenoa repens / Saw Palmetto Silver Tripsacum dactyloides / Fakahatchee Grass Stenotaphrum secundatum / St. Augustine 'Floratam'	3 Gal., 2' OC. 3 Gal., 24" OA, 2' OC 3 Gal., 18-24" OA, 2' OC. 3 Gal., 3' OC 3 Gal., 2' OC. 3 Gal., 2' OC. 3 Gal., 24" OA, 2' OC . 3 Gal., 24" OA, 2' OC . 3 Gal., 24"-30" OA, 3' OC Solid application - no gaps between seams	\$11.25 \$9.38 \$12.50 \$10.00 \$8.75 \$9.38 \$30.00 \$9.38	\$270 \$1,238 \$8,600 \$5,600 \$2,450 \$1,013 \$11,250 \$4,688 \$34,729.00
			Total Plant Dollar Amount to be paid by FDOT Gra Additional Planting Cost to be paid for by Applicants Matc	int Funds:	\$98,052 \$45,730 \$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