#### Miromar Lakes Community Development District

### Regular Meeting Agenda September 29, 2016



Visit our Web Site at: www.miromarlakescdd.org

Prepared by:

#### JPWARD AND ASSOCIATES LLC

2041 Northeast 6th Terrace Wilton Manros, FL. 33305 E-Mail: JimWard@JPWardAssociates.com PHONE: (954) 658-4900

# MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

September 22, 2016

Board of Supervisors Miromar Lakes Community Development District

Dear Board Members:

The Regular Meeting of the Board of Supervisors of the Miromar Lakes Community Development District will be held on Thursday, September 29, 2016, at 2:00 P.M. at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.

- 1. Call to Order & Roll Call
- 2. Consideration of Minutes
  - a) August 11, 2016 Regular Meeting
- 3. Discussion and comments on coordination regarding the design and construction plans for the road interconnect between FGCU and CenterPlace.
- 4. Staff Reports
  - a) Attorney
  - b) Engineer
  - c) Asset manager
  - d) Manager
    - I. Financial Statements for the period ending August 31, 2016
- 5. Supervisor's Requests and Audience Comments
- 6. Adjournment

The second order of business is consideration of the minutes of the August 11, 2016 regular meeting.

The third order of business is related to an agreement between the District, FGCU, MDC and CenterPlace regarding the design and construction for a road interconnect. Enclosed are a complete set of the plans that were provided to the District along, with both professional staff's comments, and MDC's comments on the plans. Under the agreement, the purpose of the item is to provide any coordination or comments to the proposed road construction.

#### Miromar Lakes Community Development District

The balance of the Agenda is standard in nature and I look forward to seeing you at the meeting, and if you have any questions and/or comments, please do not hesitate to contact me directly at (954) 658-4900.

Yours sincerely,

**Miromar Lakes** 

**Community Development District** 

James P. Ward
District Manager
Enclosures

#### The Fiscal Year 2017 schedule is as follows

October 13, 2016	November 10, 2016
December 8, 2016	January 12, 2017
February 9, 2017	March 9, 2017
April 13, 2017	May 11, 2017
June 8, 2017	July 13, 2017
August 10, 2017	September 14, 2017

#### MINUTES OF MEETING OF THE MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

The Regular Meeting of the Miromar Lakes Community Development District's Board of Supervisors was held on Thursday, August 11, 2016, at 2:00 p.m. at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.

#### Board members present and constituting a quorum were:

Michael Hendershot Chairman
David Herring Vice Chairman
Doug Ballinger Assistant Secretary
Burnett Donoho Assistant Secretary
Alan Refkin Assistant Secretary

#### Staff present:

Greg Urbancic District Counsel

Paul Cusmano Calvin Giordano & Associates
Bruce Bernard Calvin Giordano & Associates

Charlie Krebs District Engineer

#### Audience:

Members present

#### 1. Call to Order & Roll Call

Mr. Ward called the meeting to order at 2:00 p.m. A roll call determined that all members of the Board were present. Mr. Ward addressed the audience present, advising that an agenda was placed on each chair. He explained that for each item on the agenda comments from the audience would be requested at that time for the item, and that if anyone had any questions not related to that item, then at the end of the meeting, audience members would be able to address any items not on the agenda.

#### 2. Consideration of Minutes

a) July 14, 2016 Regular Meeting

Referring to page 3, the last word should be Navonna, and NDP should be changed to NPDES.

Motion was made by Mr. Refkin and seconded by Mr. Ballinger to approve the Minutes as amended above, and with all in favor, the motion was approved.

#### 3. Public Hearings

a) Fiscal Year 2017 Budget

Motion was made by Mr. Donoho and seconded by Mr. Refkin to open the Public Hearing as described above, and with all in favor the motion was approved.

Mr. Ward reported that he had received no written or oral communication regarding the budget. He then asked for questions from the audience regarding this item. No questions were asked.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to close the Public Hearing as described above, and with all in favor, the motion was approved.

Mr. Ward stated the final item in this public hearing was to consider resolution 2016-2 which adopts the Annual Appropriation and the Budget for Fiscal Year 2017. He informed the Board that there were no changes to the Budget other than an update of the Year-to-Date figures for both the General Fund and the Debt Service Funds.

Mr. Ward then asked for questions from the Board. Several members mentioned various proofreading type errors in the document which Mr. Ward noted and said would be corrected in the final copy.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to adopt Resolution 2016-2, and with all in favor, the motion was approved.

b) Fiscal Year 2017 Imposing Special Assessments; Adopting an Assessment Roll and Approving the General Fund Special Assessment Methodology and Approving a General Fund Assessment Cap Rate

Motion was made by Mr. Donoho and seconded by Mr. Ballinger to open the Public Hearing, and with all in favor, the motion was approved.

Mr. Ward reiterated that this was a Public Hearing, and so if there were any questions from the public regarding special assessments themselves or the adoption of the methodology that was used to levy the assessment, this would be the time to do that.

An audience member asked what the special assessments were and what they would be used for. Mr. Ward answered that the proposed rate for this coming fiscal year is \$672.77. Residents paid \$671.71 in the prior year. It covers the administrative operations of the district, landscaping operations along the perimeter of the project, and the operations and maintenance of the water management system. The debt service has been an ongoing assessment since 2003.

Motion was made by Mr. Ballinger and seconded by Mr. Refkin to close the Public Hearing as described above, and with all in favor, the motion was approved.

Mr. Ward put forth the consideration of Resolution 2016-3 Imposing Special Assessments, Adopting an Assessment Roll and Approving the General Fund Special Assessment Methodology. There were no questions from the Board.

Motion was made by Mr. Herring and seconded by Mr. Ballinger to adopt Resolution 2016-3, and with all in favor, the motion was approved.

4. Consideration of Resolution 2016-4 designating the dates, times and location for regular meetings of the Board of Supervisors of the District for the Fiscal Year 2017.

Mr. Ward explained that the meetings will be the same as in the past, the second Thursday of every month at 2:00 p.m. at the Beach Clubhouse. There was no discussion.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to adopt Resolution 2016-4, and with all in favor, the motion was approved.

5. Consideration of Resolution 2016-5 amending the General Fund Budget for Fiscal Year 2016.

Since the Board approved moving forward some of the capital improvement elements of part of the water management plan, this resolution is moving some of the line items around to make sure they are correct by the end of the year for purposes of the construction of those portions of the water management system that are in restoration. No questions were asked.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to adopt Resolution 2016-5, and with all in favor, the motion was approved.

6. Consideration of Amendment to Agreement with Calvin, Giordano & Associates, to provide ongoing construction administration/inspection services for the District's Capital Improvement Plan for Fiscal Years 2017-2020.

Mr. Ward stated that the Board over a period of time reviewed and put in place pursuant to this budget a capital improvement program related to the renewal and restoration of portions of the water management system where necessary. Included in that plan were certain construction inspection services that were needed. With respect to that, the agreement under consideration simply amends the existing agreement with CGA to permit them to do the construction inspections services covering the four year period. The cost is on average \$25,000 to \$30,000 a year, which is budgeted in both the 2016 and 2017 budgets. It will be budgeted in future years if the program continues. It contains the new language that is required pursuant to the statute with respect to the Public Records law, which was a change to the law this pending year and provides this scope of services. A comment was made by a Board member that Calvin, Giordano & Associates do an excellent job.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to amend the agreement with Calvin, Giordano & Associates as described above, and with all in favor, the motion was approved.

7. Consideration of Request by Miromar Development Corporation for the exchange of certain properties owned by the District, and in exchange, the dedication of a lake.

The Board considered this item a couple of months ago. The developer had requested the exchange of a very small piece of property, and in exchange, dedicating a large lake, which is essentially a part of the water management system. Mr. Ward has requested a certification that the lake was built in accordance with the plans and specifications. This certification has been received. Also, as a part of this, Mr. Ward will execute a letter agreement with Miromar Development Corporation that will require them to obtain the certificate of completion from South Florida Water Management, so that there can be a transfer from the construction phase to the operation phase. This will happen once the development of the entire lake system that is under that permit is completed. This is a very small portion of that larger permit that is under consideration.

A question was asked concerning the existence of a written agreement with regard to any deficiencies that might exist in the construction of the lakes which insures that the developer will be responsible for bringing it up to specifications. The reply was that the commitment is verbal. A written agreement would happen as a normal result of the South

Florida certification anyway. However, Mr. Ward will highlight this. A comment was made that Lee County already approved the lake project, so it is in compliance at this point.

It was asked if the developers had made changes since it was approved. Mr. Ward responded that in some of the older permits from this project, drainage from lots goes directly into the district's water management system. In this particular piece, although under those old permit criteria, the developer actually modified that slightly so the water drains to the front of the property into the culverts. That is the only modification. It is actually a better design than in the older parts of the community.

The District Engineer, Charlie Krebs, commented that he had spent an hour and a half in the area using a scale to measure areas of concern. He looked at areas from the water to the buildings. All is satisfactory.

A point of clarification was made concerning the actual title that they are taking. It is basically the lake bottom. The area that Mr. Krebs is referring to is owned by the homeowners' association. There is an easement over it. They are not accepting that piece of property. They are accepting the lake up to where the LME is. While these impact the ability to maintain, they are not taking title to any of those areas. Mr. Krebs responded that they had received surveys that were submitted to the county. The county accepted these as part of their letter of substantial compliance saying that the lakes were constructed with substantial compliance. When construction of phase 4 gets done, a letter from the developer saying that this portion has been inspected and certified by South Florida will be received.

Motion was made by Mr. Donoho and seconded by Mr. Refkin to approve the transfer described above, and with all in favor, the motion was approved.

#### 8. Staff Reports

- a) District Attorney No report.
- b) District Engineer No report.
- c) Asset Manager

Mr. Ward introduced Tammy Cook with Calvin, Giordano and Associates. Ms. Cook is the landscape architect who at the last meeting had asked to go out onto the property and look at all of the areas that the district maintains for landscaping purposes and to provide the Board with a review of that system. The audience was provided with copies of the review.

Ms. Cook described the process of her review using slides to illustrate her explanation. She explained that the situation is the existing berms, and the oak trees are shading out the understory plant material. She made suggestions for other plants to use.

She provided different options to use in each problem area. Many of her ideas try to bring more color through plants into the community. She also had suggestions for plantings that might help with drainage issues. A question was asked if the irrigation system would have to be modified to adopt this plan. A modification that would need to be made would be to raise the heads of the system. No large scale modifications would be needed.

Once the ideas presented have been approved, the next step would be is to determine the cost and how to phase in the changes within the budget. A point was made that there might also be an increased cost to maintaining these beautiful flowers. Another question posed was will there be an increase in landscaping staff.

Mr. Ward stated that the next steps are to identify the capital cost, prioritize it, and add what the incremental cost, in terms of the maintenance, will be over a period of years. The plan will have to be phased in.

It was suggested that as this is a contract negotiation year for the landscaping company, it might be a good time to negotiate these new plans with them.

Mr. Ward asked for questions from the audience.

Jay Segal from the audience complimented the plans that were presented. He brought forward the issue of some break-ins that took place in St. Moritz. He requested that new plantings could help somewhat to discourage crime.

Another audience member commented that this problem must be attacked by everyone. Two more vehicle break-ins occurred over the weekend. . It was determined that the perpetrators did not come through the gate. A gated community does not mean safety anymore.

There was some discussion about how the crimes are occurring. A question was asked if the perpetrators were parking their cars on Ben Hill Griffin Road and entering through the berm area. No one is sure. It was suggested that it could be through the golf maintenance area. There is also a vacant property adjacent to the college dorms. These are vulnerable areas. A portion of this area between the golf maintenance and college dorms is owned by the CDD.

An audience member suggested that first priority should be protecting the people who live in the vulnerable areas before looking at ways to make it prettier so more people who don't live here, buy here. The response was that this is true, but at the same time, property values also must be protected.

c) District Manager - No report.

#### 5. Supervisor's Requests and Audience Comment

Mr. Bernard reported the first phase of the barrier installation and the planting of the trees is complete. This included two thousand plants and 15 wetland trees plus the 1800 ft. barrier. He reported that they are up to speed with everything for the NPDES reports. Lightning struck an electrical panel on Ben Hill Griffin. That has been repaired.

A question was asked concerning the immediate addressing of the area of the berm by Tivoli. Mr. Ward responded that he would include that in his analysis next month. This has to be deferred until next month due to the funding not being available in the current year.

A statement was made that the developer would like to work with the staff to figure out the right solution and expedite it. A comment was made that they are fellow residents. They understand the issue. It is a priority. Mr. Ward offered to authorize going forward, and if he deems it appropriate within the context of the existing budget, then he will do a budget amendment at a future meeting.

A question was asked by the audience concerning a hike in fees due to a legal issue between Miromar and the CDD. His understanding is that the issue became settled and is there an adjustment in the budget to cut back on this fee. Mr. Ward reported that they are still incurring legal fees for implementation of the agreement. The litigation showed that there were a number of permits that they weren't aware of that they were in violation of. They are having to take corrective action, which is why they are going to maintain that number this year.

There was some discussion about how to communicate among the residents when crime occurs. Shana, assistant to the property manager at the HOA, was introduced as someone who could facilitate communication among different neighborhood groups and community members.

#### 6. Adjournment

With no further comments or questions from the Board, Mr. Ward asked for a motion to adjourn.

Motion was made by Mr. Herring and seconded by Mr. Hendershot to adjourn the meeting, and with all in favor, the motion was approved.

The meeting was adjourned at 3:07 p.m.				
James P. Ward, Secretary defined., Chairman	Michael	Hendershot <b>Error!</b>	 Bookmark	not

# GreenspoonMarder

From the desk of: Glenn N. Smith, Esq. 200 East Broward Boulevard, Suite 1800 Fort Lauderdale, Florida 33301 Direct Phone: 954.888.2666 Direct Fax: 954.333.4066 Email: glenn.smith@gmlaw.com

September 21, 2016

Mr. James P. Ward JPWard & Associates, LLC 2041 NE 6 Terrace Wilton Manors, Florida 33305

Re: Ingress, Egress and Utility Easement Agreement ("Easement Agreement") between Miromar Lakes Community Development District ("CDD"), Miromar Lakes, L.L.P. ("Miromar"), Alico-Agri, Ltd. ("Alico-Agri"), and Florida Gulf Coast University Board of Trustees ("FGCU"), dated August 31, 2010 (See Attachment 1)

#### Dear Jim:

As stated above, the Easement Agreement was entered into between Miromar, CDD, Alico-Agri, and FGCU. The purpose of the Easement Agreement was to provide FGCU with the ability to design and construct a roadway with attendant landscaping, lighting and utilities connecting the northeastern part of the FGCU campus with the CenterPlace project. Within CenterPlace is a 40 acre parcel donated by Alico-Agri to FGCU.

Originally, FGCU was charged with the obligation to design and construct this roadway. Later, Alico West Fund, LLC ("Alico"), a successor to Alico-Agri, assumed the obligation to design and construct the roadway.

You received a letter dated August 3, 2016 from Carl Barraco of Barraco and Associates, Inc., the engineers for Alico (see **Attachment 2**). Therein, Mr. Barraco notified you that Alico plans to go forward with the construction of the roadway. To that end, he attached two complete sets of the proposed construction plans for the proposed roadway between the FGCU campus and CenterPlace. Mr. Barraco requested the that CDD and its consultant review the plans and provide any comments concerning any questions or comments concerning the impact on CDD property.

The proposed roadway will cross CDD property in an area south of the outlet from Lake 6. See **Attachment 3**. On Attachment 3 the layout of the proposed roadway is depicted in yellow. The affected CDD property is a narrow sliver located adjacent to the FGCU property.

There is no question that the Easement Agreement applies to and is binding upon the CDD. Therefore, the CDD should furnish any comments, objections or questions concerning the

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#### Page No. 2

roadway and its impact upon the CDD's property to Alico within a reasonable time. Charlie Krebs has reviewed the plans for the roadway and has furnished his relatively minor comments in an email to the undersigned dated August 17, 2016 (see **Attachment 4**). I defer to Charlie for any additional comments, but it appears that the proposed roadway will not have any major impact upon the CDD's property.

Miromar Lakes furnished its comments to Mr. Barraco's letter and the attached plans in a letter dated August 12, 2016, authored by Mark W. Geschwendt, Esq. See **Attachment 5**. I discussed the comments in Mr. Geschwendt's letter with Charlie Krebs. I have numbered the comments in Mr. Geschwendt's letter which may be of some interest or applicability to the CDD property, as follows:

- a. Any questions concerning Items 1, 2 and 3 should be clarified if Alico furnishes the calculations requested by Charlie in Attachment 4.
- b. Items 4, 5, 6 and 7 have to do with landscaping, irrigation and lighting. The plans for these items must be approved by the County. The CDD should request from Alico copies of the plans submitted to the County, to be reviewed by Mr. Krebs.
- c. Items 8 and 9 are catchalls. Alico's plans must not be inconsistent with CDD's SFWMD and County permits. So, the CDD should keep an eye on Alico's permitting and construction.

If you have any questions, please contact the undersigned.

Sincerely,

GREENSPOON MARDER, P.A.

Glenn N. Smith, Esq.

For the Firm

GNS:lad Attachments

#### THIS INSTRUMENT PREPARED BY:

Russell P. Schropp, Esquire P. O. Box 280 Fort Myers, FL 33902-0280

### INGRESS, EGRESS AND UTILITY EASEMENT AGREEMENT

THIS INGRESS, EGRESS AND UTILITY EASEMENT AGREEMENT ("Agreement") is entered into this 31 day of 2010, by and between:

MIROMAR LAKES, L.L.C. ("Miromar"), a Florida limited liability company, whose address is 10801 Corkscrew Road, Suite 305, Estero, FL 33928; MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT ("CDD"), an independent special district established pursuant to Chapter 190, Florida Statutes, whose address is c/o Wrathell, Hart, Hunt & Associates, LLC, 6131 Lyons Road, Suite 100, Coconut Creek, FL 33073; ALICO-AGRI, LTD. ("Alico-Agri"), a Florida limited partnership, whose address is P.O. Box 338, LaBelle, FL 33925, (Miromar, CDD, and Alico-Agri being referred to herein collectively as "Grantors"); and FLORIDA GULF COAST UNIVERSITY BOARD OF TRUSTEES ("FGCU"), a public body corporate established pursuant to Chapter 1001, Florida Statutes, whose address is 10501 FGCU Boulevard South, Fort Myers, FL 33965-6565.

#### WITNESSETH:

WHEREAS, Miromar holds title to the real property described in Exhibit "A" attached hereto and incorporated herein by reference ("Miromar Property"); and

WHEREAS, CDD holds title to the real property described in Exhibit "B" attached hereto and incorporated herein by reference ("CDD Property"); and

WHEREAS, Alico-Agri holds title to the real property described in Exhibit "C" attached hereto and incorporated herein by reference ("Alico-Agri Property"); and

WHEREAS, FGCU leases a parcel of land from the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida on which it is developing and operating a state university, said property being described in that certain instrument recorded in O.R. Book 2497, Page 1564, Public Records of Lee County, Florida (hereinafter referred to as the "FGCU Campus"); and

WHEREAS, Alico-Agri has proposed to convey to FGCU a 40 +/- acre parcel of land located northeast of the FGCU Campus, said property being located within that parcel described in that certain instrument recorded in O.R. Book 3925, at Page 2691, Public Records of Lee County, Florida (said property being referred to hereinafter as the "Donation Parcel") which FGCU intends to develop and use for additional university facilities; and

WHEREAS, the Donation Parcel lies westerly of the proposed alignment for the future extension of County Road 951, a major arterial roadway proposed to be constructed by Lee County; and

WHEREAS, FGCU desires to obtain an easement for ingress, egress, utility and other purposes specified herein that will connect the FGCU Campus with the Donation Parcel and the proposed County Road 951 extension, as shown on the sketch attached hereto and incorporated by reference as Exhibit "D;" and

WHEREAS, Grantors are willing to convey a non-exclusive easement for ingress, egress, utility and other purposes described herein to FGCU, subject to the terms and conditions of this Agreement.

#### **AGREEMENT**

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the parties hereby agree as follows:

- 1. Miromar hereby grants and conveys to FGCU, its successors and assigns, a non-exclusive perpetual easement for ingress, egress, utility and other purposes described herein, over and across the Miromar Property described in attached Exhibit "A" for the benefit of the FGCU Campus and the Donation Parcel.
- 2. CDD hereby grants and conveys to FGCU, its successors and assigns, a non-exclusive perpetual easement for ingress, egress, utility and other purposes described herein, over and across the CDD Property described in Exhibit "B" for the benefit of the FGCU Campus and the Donation Parcel.
- 3. Alico-Agri hereby grants and conveys to FGCU, its successors and assigns, a non-exclusive perpetual easement for ingress, egress, utility and other purposes described herein, over and across the Alico-Agri Property described in Exhibit "C" for the benefit of the FGCU Campus and the Donation Parcel.
- 4. The easements conveyed herein to FGCU over and across the Miromar Property, the CDD Property, and Alico-Agri Property are collectively referred to as "the Easement Property" and collectively create a 100-foot wide easement connecting the FGCU Campus with the Donation Parcel and the future County Road 951 extension, as shown on the sketch attached hereto as Exhibit "D." The Easement Property may be constructed, maintained and used by FGCU, its successors and assigns, as a roadway (in the manner described in Section 5 below) for public purposes serving the needs of FGCU, subject to the terms and conditions of this Agreement. In connection with the construction of such roadway, FGCU may also construct any and all utilities deemed necessary by FGCU including, but not necessarily limited to, sewer, water, television and fiber optic cable, telephone, and water management facilities, and may install and maintain landscaping, trees and shrubbery within the Easement Property. The construction of any and all improvements on the Easement shall be coordinated with Miromar, the CDD and Alico-Agri in advance. Each of the parties shall have the right to connect to any utilities installed in the Easement. Any of the parties may upsize a utility

provided that such party pays for the cost of any increase in the size, number or quantity of the utility service. All landscaping plans, including, without limitation, the installation of all trees and shrubbery, shall be submitted to Miromar in advance for approval, which approval shall not be unreasonably withheld. The streetscape shall be compatible with and similar to the adjacent landscaping plans implemented by Miromar. FGCU may install lighting on the Easement provided such street lighting shall not exceed eighteen (18) feet in total height. A Lighting Plan shall be submitted to Miromar for review showing quantity, location, height, photometric calculations and manufacturer catalog cut-sheets documenting full cut-off characteristics of the lighting fixtures.

- 5. Any such roadway constructed by FGCU on the Easement Property shall be constructed and maintained at FGCU's sole cost and expense, and Miromar, CDD, and Alico-Agri shall have no obligation to pay any of the construction or maintenance costs of the roadway. Such roadway will be designed and constructed to include multi-modal transportation facilities for pedestrian, bicycle and public transit between the FGCU Campus and the Donation Parcel. All construction for the roadway will be provided within the Easement Property, including all slopes, embankments, shoulders and guardrails constructed as part of the roadway.
- 6. In connection with the design and construction of the roadway described above, FGCU, Alico-Agri, CDD and Miromar will coordinate for the following purposes: (a) to provide appropriate curb cuts and median crossings that will provide Alico-Agri, CDD and Miromar with reasonable access to their lands to the north and south of the Easement Property; (b) to provide any reasonably necessary connections and tie-ins to utility lines and service to the FGCU Campus, the Donation Parcel, the Alico-Agri Property and Miromar's ongoing residential development known generally as Miromar Lakes; (c) to maintain consistency and ensure full compliance with any and all permits and approvals now held, or hereinafter obtained, by Alico-Agri, Miromar and/or CDD from South Florida Water Management District or U.S. Army Corps of Engineers relating to their respective properties; and (d) to avoid or eliminate adverse impacts to the water management system and adjacent preserve areas of Miromar and CDD.
- 7. FGCU shall be responsible, at its sole cost and expense, for applying for and obtaining any and all permits and/or approvals from applicable federal, state and local governments that may be necessary or required for the construction of the roadway. Alico-Agri, Miromar and CDD agree to cooperate in good faith with FGCU in its pursuit of any necessary permit or approval, provided that Alico-Agri, Miromar and CDD shall not be required to pay any fees, charges or costs therefore. FGCU is expressly prohibited from and has no right to violate any federal, state, or local law, ordinance, or regulation controlling or otherwise dealing with the construction of the roadway. Any such violations shall be the sole responsibility of FGCU. FGCU shall be responsible for restoring, at its sole cost and expense, any adjacent property disturbed during the construction of the roadway. FGCU shall hold harmless and indemnify Alico-Agri, Miromar and CDD from and against any and all claims or damages to persons or property (including, without limitation, damages to other utilities, stormwater management systems, preserve areas or improvements) in any manner relating to the

construction or maintenance of the roadway within the Easement Property by FGCU, its agents or contractors.

- 8. In the event that the Easement Property is abandoned by FGCU or is determined by FGCU to be unusable for any reason, the easements granted herein shall terminate, and FGCU will convey back all rights to the Easement Property to each respective Grantor.
- 9. Without waiving its statutory defense of sovereign immunity or increasing its limits of liability as provided in Section 768.28, Florida Statutes, FGCU agrees to indemnify and hold harmless Alico-Agri, CDD and Miromar (as to each, an "Indemnified Party") and their officers, directors, managers, members and employees from any and all liability (statutory or otherwise), damages, claims, suits, demands, judgments, costs, interest and expenses (including, but not limited to, attorneys' fees, costs and disbursements both at trial and appellate levels) for injury or death to persons or damage to or loss of property arising out of or alleged to have arisen out of or occasioned by the use by FGCU, its patrons, employees, guests, customers, invitees and licensees of the easements described herein, unless such damage, injury or death shall have been due to the negligence or willful misconduct of an Indemnified Party, or the Indemnified Party's successors, assigns, agents, or invitees, in which case the indemnification obligation described herein shall not apply as to said Indemnified Party.
- 10. The easements, rights and privileges conveyed herein shall be perpetual and non-exclusive. Said easements shall run with the land, shall be for the benefit of the FGCU Campus and the Donation Parcel, and shall be binding upon Miromar, CDD and Alico-Agri, their successors and assigns.
- 11. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. The venue for any legal or administrative proceeding regarding this Agreement shall be exclusively in Lee County, Florida. The prevailing party in any litigation arising out of this Agreement shall be entitled to recover its reasonable attorneys' fees and costs, both at trial and on appeal, from the non-prevailing party.
- 12. As to each of their respective properties described in Exhibits "A," "B," and "C," Grantors do hereby covenant and warrant to FGCU that Grantors are indefeasibly seized of their respective property in fee simple, that Grantors have full power and lawful right to convey the interests herein conveyed, that said property is free and clear of all encumbrances whatsoever, and that Grantors do hereby fully warrant the title to said land and will defend same against the lawful claims of all persons whomsoever.
- 13. This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties executed this Agreement as of the day and year first written above.

By:

Signed, Sealed and Delivered in the Presence of:

Homine Mell,

HERHINE MEEKS
Print/Type Name of Witness

Witness LINDAS. DAVIS

Print/Type Name of Witness

MIROMAR LAKES, L.L.C., a Florida

limited liability company

name: Jerry Schmöver

title: Vice President

#### STATE OF FLORIDA

#### COUNTY OF LEE

The foregoing instrument was acknowledged before me this <u>23</u> day of August, 2010, by <u>Jerry Schmoyer</u>, as <u>Vice President</u> of Miromar Lakes, L.L.C., a Florida limited liability company, on behalf of the company, who is personally known to me.

My Commission Expires:

Notary Public LINDAS, DAVIS

Print/Type Name of Notary

Commission No: 1088 9240

MIROMAR LAKES COMMUNITY
DEVELOPMENT DISTRICT, an
independent special district established
pursuant to Chapter 190, Florida
Statutes

HERMINE MEEKS
Print/Type Name of Witness

By:

MIROMAR LAKES COMMUNITY
DEVELOPMENT DISTRICT, an
independent special district established
pursuant to Chapter 190, Florida
Statutes

By:

MIROMAR LAKES COMMUNITY
DEVELOPMENT DISTRICT, an
independent special district established
pursuant to Chapter 190, Florida
Statutes

By:

Witness

LINDA S. DAVIS

Timothy P. Byal

Print/Type Name of Witness

title: Chairman

#### STATE OF FLORIDA

#### COUNTY OF LEE

The foregoing instrument was acknowledged before me this <a>23</a> day of August, 2010, by <a>Timothy P. Byal</a>, as <a>Chairman</a> of Miromar Lakes Community Development District, an independent special district established pursuant to Chapter 190, Florida Statutes, on behalf of the district, who is personally known to me.

My Commission Expires:

Notary Public

LINDA S. DAVIS

Print/Type Name of Notary



ALICO-AGRI, L.L.C., a Florida limited partnership

By:

Print/Type Name of Witness

STATE OF FLORIDA

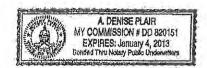
COUNTY OF LONG AGRI, L.L.C., a Florida limited partnership

The foregoing instrument was acknowledged before me this of day of Florida limited partnership, on behalf of the partnership, who is personally known to me or who has produced as identification.

My Commission Expires:

Notary Public

Print/Type Name of Notary



Commission No:

corporate established pursuant to Chapter 1001, Florida Statutes Print/Type Name of Witness name: JOSEPH SHEPARD MAUREEN JENNY Print/Type Name of Witness STATE OF FLORIDA COUNTY OF LEE The foregoing instrument was acknowledged before me this guild day of AUGUST, 2010, by Inself Suguests, as \_\_\_\_\_ of Florida Gulf Coast University Board of Trustees, a public body corporate established pursuant to Chapter 1001, Florida Statutes, on behalf of said entity, who is personally known to me or who has produced as identification. My Commission Expires: Print/Type Name of Notary Commission No: DD 745299

FLORIDA GULF COAST UNIVERSITY BOARD OF TRUSTEES, a public body EXHIBIT "A"

Miromar Property

PASEMENT PARCEL XZ NORTH ENTRANCE(190' WIDE)

SECTION 13, TOWNSHIP 46 SOUTH, RANGE 25 EAST LYING IN

LEE COUNTY, FLORIDA

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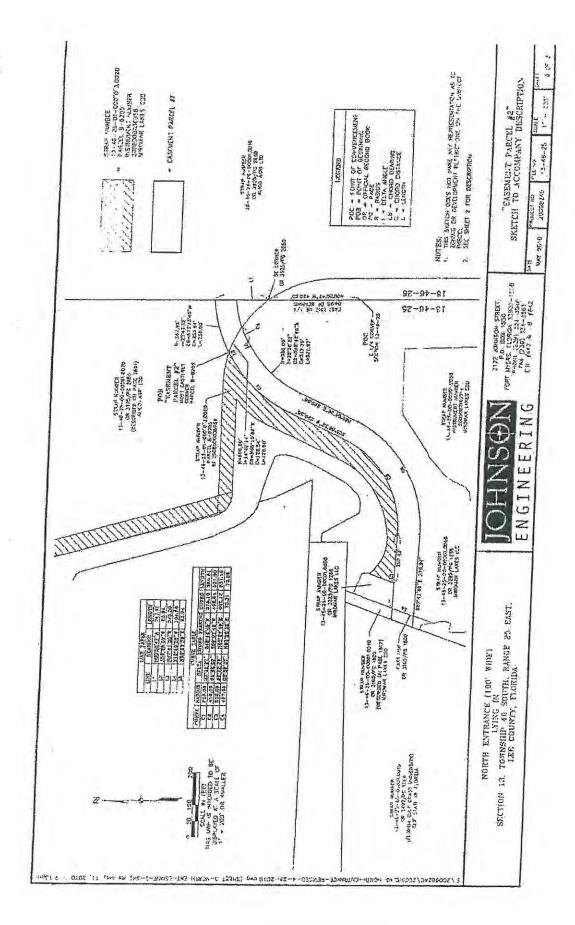


EXHIBIT "B"
CDD Property

NORTH ENTRANCE (100' VAIDE) TEASEMENT PARCEL AST

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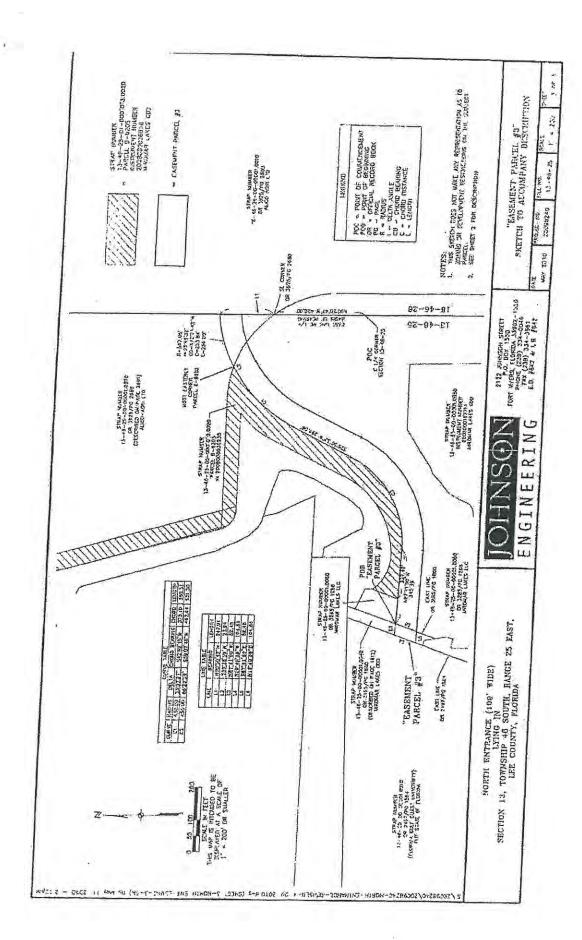
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## EXHIBIT "C" Alico-Agri Property

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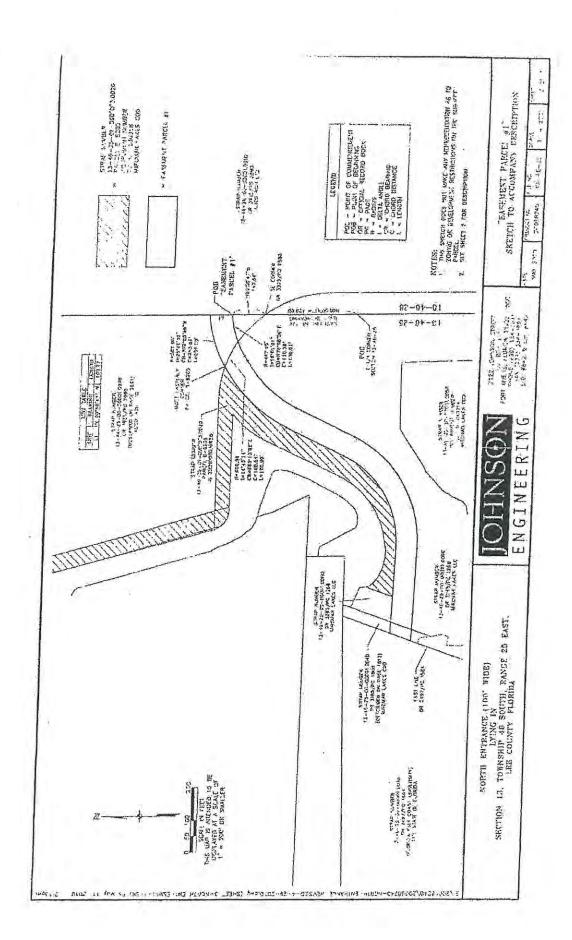
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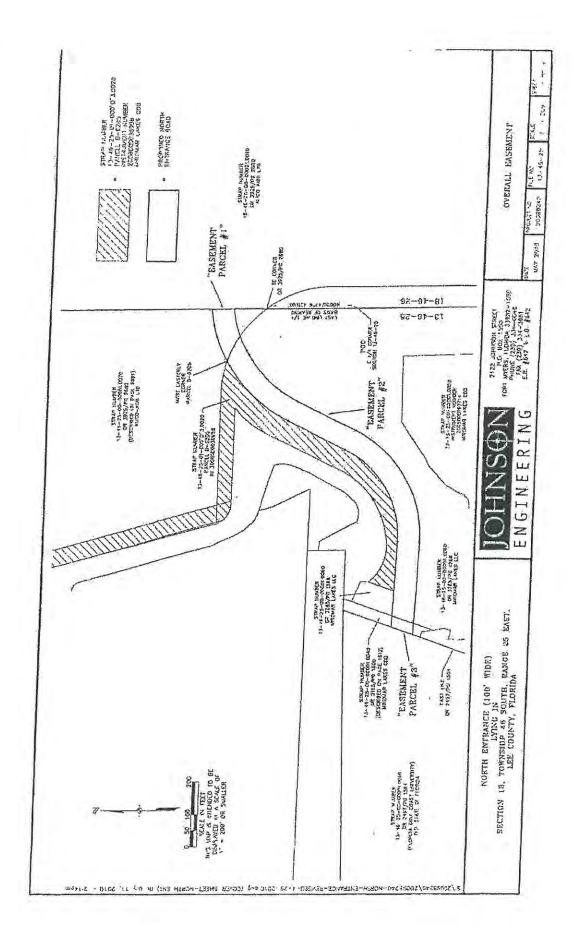
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### EXHIBIT "D" Sketch of Easement Property



www.barraco.net

Civil Engineers, Land Surveyors and Planners

August 3, 2016

#### CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Miromar Lakes Community Development District ("CDD") James P. Ward, Manager JP Ward and Associates, LLC 2041 N. E. 6<sup>th</sup> Terrace Wilton Manors, FL 33305

> Re: Coordination letter regarding the design and construction plans for the road interconnect between Florida Gulf Coast University and CenterPlace in Lee County, Florida

Dear Mr. Ward:

As you may be aware, on August 31, 2010 an "Ingress, Egress and Utility Easement Agreement" ("Easement") (see attached) was entered into between and among Miromar Lakes, L.L.C. (Miromar"), Miromar Lakes Community Development District ("CDD"), Alico-Agri, LTD. ("Alico") and Florida Gulf Coast University ("FGCU"). The purpose of the Easement was to provide FGCU with the ability to design and construct a roadway with attendant landscaping, lighting and utilities connecting the northeastern part of the FGCU campus with a project known as CenterPlace("CP"). Within CP is a 40 acre parcel donated by Alico to FGCU. Pursuant to the Easement FGCU was charged with the obligation to design and construct this roadway.

The Easement also required that the construction of any and all improvements on the Easement shall be coordinated with the parties to the Easement Agreement in advance of the construction. The required coordination encompasses the following purposes: (a) to provide appropriate curb cuts and median crossings that will provide Alico-Agri (Alico), the CDD and Miromar with reasonable access to their lands north and south of the Easement Property; (b) to provide any reasonably necessary connections and tie-ins to utility lines and service to the FGCU Campus, the 40 acre parcel donated to FGCU, the Alico-Agri Property (Alico), and Miromar's ongoing residential development known generally as Miromar Lakes; (c) to maintain consistency and ensure full compliance with any and all permits and approvals now held, or hereinafter obtained by Alico-Agri (Alico), Miromar and/or the CDD from South Florida Water Management District or the U.S. Army Corps of Engineers relating to their respective properties; and (d) to avoid or eliminate adverse impacts to the water management system and adjacent preserve areas of Miromar and the CDD.

As you may also be aware, on May 27, 2014 FGCU and Alico entered into an "Option and Construction Agreement for Road and Related Improvements" ("Option") (see attached). The purpose of the Option was to give Alico the right, but not the obligation, to step into the shoes of FGCU and design and construct the roadway and appurtenant facilities referenced above.

James P. Ward, Manager July 29, 2106 Page 2

Consistent with that original Easement from August 31, 2010 and the Option of May 27, 2014; Alico is herein enclosing two (2) complete sets of the proposed construction plans for the proposed roadway interconnection between the FGCU campus and CP. These plans are being provided to you pursuant to the coordination requirement found in the Easement. We are requesting that you and/or your consultants review these plans to determine what modifications, if any, are necessary to bring the plans into compliance with (a) through (d) in the above paragraph.

In furtherance of this coordination effort Alico is requesting that any and all comments, modifications, etc.. be returned to me at my address above no later than September 2, 2016. If we do not receive any comments from you by September 2, 2016 than we will deem the plans to be approved consistent with the Easement. Any comments received after that date will be deemed non-responsive and not in compliance with the terms of the Easement.

Thank you for your attention to this matter. Please let me know if you have any questions.

Sincerely,

BARRACO AND ASSCOCIATES, INC.

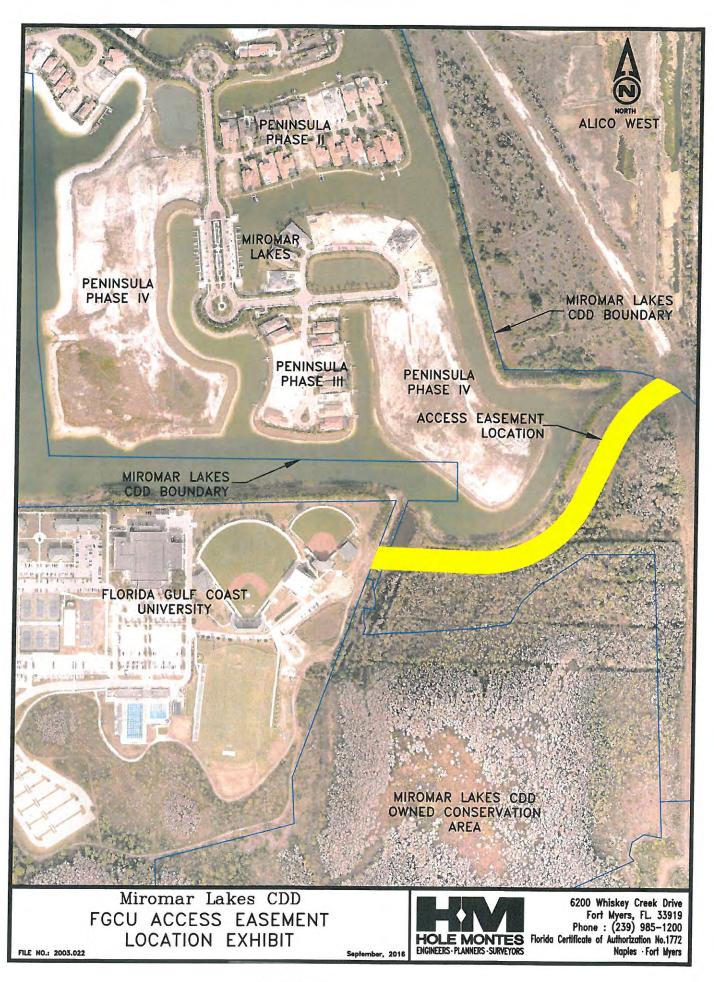
Carl A. Barraco, P.E. *President* 

CAB/af
Enclosures
cc: Don Schrotenboer
Charles J. Basinait
23292

A. Signature  X. // Land  B. Received by (Printed Name)  J. W.	☐ Agent ☐ Addressee C. Date of Delivery	
J. W		
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D. Is delivery address different from item 1? ☐ Yes  If YES, enter delivery address below: ☐ No		
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#### Linda Davis2

From: Charlie Krebs < CharlieKrebs@hmeng.com>
Sent: Wednesday, August 17, 2016 12:31 PM

To: Glenn Smith

**Subject:** Miromar Lakes - Easement with FGCU

Glenn,

Here are my comments regarding the proposed roadway.

Sheet C4.0 – Description for box culverts reads "84 Lf of 8' x 5' Double Box Culvert & Wing walls per FDOT Index 289, 290, 291 & 292. Description on sheet C5.0 calls out 8' x 5' Box Culvert per Index per Index 292 but the profile view shows (2) – Double 8' x 5' box culverts. Please confirm the size and number box culverts. Sheet C5.0 – Please provide applicable calculations demonstrating that the (2) 8x5 box culverts are sufficiently sized to convey the estimated discharge from Basin 5/6 as previously permitted by SFWMD Application #031222-5 without generating additional headloss.

### Charles L. Krebs, P.E.

Project Manager/Associate
Hole Montes, Inc.
Engineering · Planning · Survey
(239) 985-1214 - Direct
(239) 985-1200 - Main Line
(239) 985-1259 - Fax
CharlieKrebs@hmeng.com
6200 Whiskey Creek Drive
Fort Myers, FL 33919 USA

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#### MARK W. GESCHWENDT

Vice President and General Counsel e-mail: mgeschwendt@mironar.com

. . . . .

August 12, 2016

Direct Dial: (239) 390-5150

Via Electronic Mail: <u>Don@pegfl.net</u> And Federal Express

Mr. Donald Schrotenboer Private Equity Group, LLC 12800 University Drive, Suite 275 Fort Myers, Florida 33907

RE: Approval of proposed plans associated with construction of FGCU roadway

Dear Don:

We are sending this letter pursuant to the requirements of the July 15, 2016 Settlement Agreement between Miromar and Alico. On July 29th, 2016, Private Equity Group, LLC sent Miromar Lakes, LLC a letter requesting approval of the design and construction of a roadway on an easement granted by Miromar Lakes to FGCU with attendant landscaping, lighting and utilities connecting the northeastern part of the Florida Gulf Coast University (FGCU) campus with CenterPlace (see Notice letter attached as Ex. A).

Based on the 15-day approval process, Miromar's response is due on August 15, 2016. [The capitalized terms in this letter have the same meaning as defined in your July 29 letter unless noted otherwise.] Pursuant to the Settlement Agreement, Miromar is permitted to provide comments on the plans, which Alico must address. If the parties cannot agree on any aspect of the plans, they have 15 days to negotiate a resolution and if a resolution cannot be reached, the dispute must be submitted to the Arbitrator for final decision.

#### Comments on Plans

As a suggestion, we would be willing to meet or discuss by telephone or in person any of the issues raised below at your convenience in order to address or resolve these concerns as soon as possible. This may include having our engineers exchange information on the more technical issues.

#### Civil Engineering:

Sheet C3.0 - The Note refers to Design Plans prepared by Barraco and Associates Date 12-08-2015. We have not been provided these Design Plans. Please provide a copy of the referenced plans for review.

Sheet C4.0 – The Note refers to a Minor Change to DOS2016-00008. Please provide a copy of the DOS approved plans for this project.

Sheet C4.0 - The plans provide for discharge through an earthen weir. Please confirm whether this is intended to be a permanent facility or only temporary for the roadway project? If permanent, please provide water quality calculations supporting discharge via the earthen weir. The discharge appears to be directed to a very small conservation area under AWF ownership which in turn discharges directly into a Miromar Lakes conservation area. If this is the case, please provide the plans for water quality testing proposed to ensure water quality prior to discharge into the Miromar Lakes conservation area.

Sheet C4.0 - Coordinate Water Main connection point to Via Salerno Way cul-de-sac. It is our understanding that Lee County Utilities has expressed interest in a subaqueous crossing to complete the service loop for better water pressure. You may want to consider a point of connection immediately adjacent to the end of the cul-de-sac to provide flexibility in accommodating the Lee County Utilities request.



Sheet C4.0 - Description for box culverts reads "84 Lf of 8' x 5' Double Box Culvert & Wingwalls per FDOT Index 289, 290, 291 & 292. Description on sheet C5.0 calls out 8' x 5' Box Culvert per Index per Index 292 but the profile view shows (2) - Double 8' x 5' box culverts. Please confirm the size and number of box culverts. The concern here is that the limited water flow contradicts SFWMD's requirement when Miromar constructed the weir outfall for an expanded discharge from Lake 6. To the extent that

it is inconsistent with the Miromar Lakes SFWMD permit, the design of the crossing of the Lake 6 discharge is an issue.

Sheet C4.0 - The current FDOT Design Standards for 2016 does not have an index for 290.

(2)

Sheet C5.0 - It appears that the proposed water main may be in conflict with the proposed box culverts. Our concern is that this may be in conflict with the SFWMD approval of the downstream construction of the discharge ditch and the size of the discharge. The Miromar permit required the 100 foot width and expansion of the downstream discharge area. To restrict that flow may violate the Miromar permit and we have an issue with the design to the extent that it is in conflict with the Miromar Lakes SFWMD Permit.



Sheet C5.0 - Please provide applicable calculations demonstrating that the (2) 8x5 box culverts are sufficiently sized to convey the estimated discharge from Basin 5/6 as previously permitted by SFWMD Application #031222-5 without generating additional head loss.

Sheet 6.0 - Station 117-00 Please provide additional detail as to how Rip Rap is supported by existing downstream lake. The Plans appear to require filling outside of the easement area. If this is true the parties need to discuss what is contemplated in order to support the Rip Rap installation and we are willing to discuss coordination of the construction. Confirm that existing Lake bottom is 12.0 as indicated. Please provide appropriate BMP's to protect existing water body during construction.



Sheet 6.0 / 6.1 / 6.3 - The Project appears to provide for filling Miromar property outside of the 100 foot easement, to which Miromar has an issue. Please clarify what is intended. There will be a hiatus between the edge of the easement area and the berm to the north. Who did you contemplate maintaining the landscape and irrigation for this area? This needs coordination to resolve.

The Easement provides for various curb cuts by Miromar Lakes. Please provide for proposed station +127-50. Miromar Lakes reserves the right to add additional curb cuts and tie-ins at a later date.

#### Landscape / Irrigation Plan:



North of the proposed access road, there is a gap between the easement and the top of the existing berm. The berm is currently maintained by the Miromar Lakes CDD. There should be a plan for managing the area outside of the easement to the north and the proposed improvements to the easement as part of the roadway.



Sheet 2.1 – please provide additional landscape detail demonstrating planting (canopy and hedge material) proposed to screen traffic from view corridors within Miromar Lakes. i.e., vegetation does not exist on the north side of the roadway at the crossing location.



#### Lighting

Miromar has an issue with the lighting fixtures to the extent that they do not have full cut-off characteristics per the easement agreement. It appears that at each light pole location, there are more than 0.0 foot candles at the edge of the easement. In addition, the pole located at the crossing downstream of the weir seems to project light onto the water to the north. The lighting fixtures located at the water crossing south of the weir should contain additional shielding to limit point source and light spillage outside the easement directed to the North.

#### MAY 27, 2014 AGREEMENT

The Option and Construction Agreement for Road and Related Improvements ("Option Agreement") is dated May 27, 2014.

Under the Option Agreement, AWF was required to provide FGCU with certain documents for construction of the Roadway. Miromar Lakes would like to review those documents.

Par. 5, Sub. 1 provides that "[p]rior to the commencement of the work by AWF, AWF shall provide FGCU with schematic design plans for specifications prepared by AWF's contractor, engineer or junior architect. Within 15 days, FGCU shall provide AWF with either written approval of such submitted plans or written disapproval of the submitted plans and specs stating in detail the reason for such disapproval and the corrections necessary to satisfy FGCU. Please provide a copy of approval and any comments by FGCU and any revised plans or specifications.

Par. 5, Sub. 2 - States the plans and specifications shall meet all the design standards and improvement requirements that would be imposed by Lee County for streets,

drainage, utilities and other infrastructure if the roadway were a publicly dedicated road. Please provide a copy of these plans and specifications.

The Easement shall have an infrastructure of water management facilities, landscaping, trees, shrubbery and lighting together with appropriate curb cuts and median crossings for access to FGCU. Additionally, the work shall incorporate a multi-modal design including bike paths, sidewalks and other pedestrian access ways within the easements. Please confirm that the plans reflect these requirements.

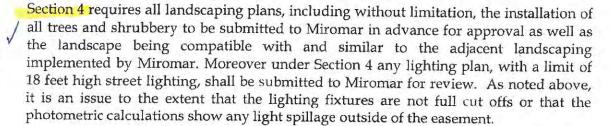
The Agreement says that AWF shall be solely responsible for constructing any water management facilities required by any applicable government authority to transport off-site any water runoff generated by the work. If any of the runoff flows into or over Miromar property, this is an issue pending review of your water management facilities and stormwater runoff calculations.

Under Paragraph 5 B, it states the following: After the approval of plans by FGCU, AWF may request changes in plans and specs from time to time with any changes subject to FGCU reasonable approval. If there are any material changes to the approved plans, we anticipate that AWF would review those with Miromar.

#### **AUGUST 31, 2010 AGREEMENT**

An Egress and Utility Easement Agreement dated August 31, 2010 ("Easement Agreement") was entered among Miromar Lakes LLC, Miromar Lakes Community Development District (CDD), Alico-Agri Limited and Florida Golf Coast University (FCGU). In your letter, you make reference to the Option and Construction Agreement dated May 27, 2014. I do not know if Miromar was aware of this Agreement prior to you attaching it to your letter, but to the extent that it conflicts in anyway with the Easement Agreement and the Settlement Agreement, this is an issue.

In Section 4, the Easement Agreement reflects an easement over and across Miromar property, the CDD property and the Alico-Agri-property, collectively referred to as the "easement property" and collectively creates a hundred-foot wide easement connecting the FGCU campus with the 40 acre parcel and a future county road – 951 extension as shown on Exhibit D.





Under Paragraph 6, in connection with the design and construction of the roadway the parties will coordinate for the following purposes:

- (a) To provide appropriate curbs, curb cuts and median crossings with reasonable access to the lands of all parties. We have provided our preliminary curb cut and reserve the right to add additional cuts and crossings.
- (b) To provide any reasonable and necessary connections and tie-ins to the utility lines. Our suggestions were noted above.





To maintain consistency and insure full compliance of any and all permits and approvals held by the parties; and



To eliminate adverse impacts to the water management system and adjacent preserve areas of Miromar and the CDD. Our comments were outlined above concerning discharge into our preserve areas and the constriction of the discharge from Lake 6 by the construction of the road and installation of the box culverts.

#### Conclusion

The comments to the actual plans are in the section designated "Comments on Plans." We have included comments on the underlying agreements that address specific areas of concern pending resolution of the issues raised in our comments.

If you have any questions or concerns, please feel free to contact me.

Very Truly Yours,

MIROMAR DEVELOPMENT CORPORATION

Mark W. Geschwendt

pc: Carl Barraco, P.E.

James P. Ward, Miromar Lakes CDD

Greg Urbancic, Esq. Steve Magiera, FGCU

# Planting Specifications

QUALITY: All plants shall be Florida No.1 or better as given in Grades & Standards for Nursery Plants, Parts I and II, latest edition published by the Florida Department of Consumer Services.

RESEARCH: Contractor shall research plans and site to determine present location of utilities and obstructions before commencing work. Contractor shall ensure that before he commences work that all necessary permits have been obtained.

> The contractor shall personally examine the project site and fully acquaint himself with all of the existing conditions in order that no misunderstanding may occur.

> No Additional compensation will be granted, after bid has been let for any hardships the contractor may encounter in the performance of his duty. Any discrepencies or errors not addressed at the time of bid.

DRAWINGS: Drawings are part of thhis contract. Any discrepencies between the drawings and specifications shall be brought to the attention of the owner at time of bid.

SCOPE: Under this contract, the work consists of furnishing all labor, material, equipment, transportation, etc., to complete all landscaping work as shown on the Drawings, as included in the Plant List and as herein specified. Work shall include all construction and maintenance/watering of all planting areas of this Contract until accepted by the Owner.

The contractor shall be responsible for all planting/ maintenance of plants until acceptance by Owner. Contractor shall protect all existing structure, plants etc., from damage during the construction process.

All damage shall be repaired at the contractors expense

WARRANTY: All trees shall be warrantied for a period of 1 year. All shrubs and groundcovers shall be warrantied for a period of 90 days, and sod shall be warrantied for a period of 30 days. Warranty begins at time of acceptance. All warranties shall be provided to the owner.

REPLACEMENT: All plant replacements shall be done with the same size and species of plant that was specified.

SAMPLES: Samples of any landscape material may be required for approval on the site or as otherwise determined by the Owner. Upon approval of samples (i.e. mulch, planting soil, plant varieties, etc.) by the Owner, delivery of material may begin. Approved samples shall be stored on the site and protected until furnishing of materials is completed. Plant samples be planted in permanent positions, but labeled as samples.

SUBSTITUTIONS: Any substitutions made for any reason must be approved by the owner.

WATER: It is the contractors responsibility to obtain and adequately water the plants during the duration of the installation phase. All plants shall be freshly dug, healthy and be well branched, free form disease and insects.

CONTAINER GROWN MATERIAL : All container grown materials shall be healthy vigorous, well rooted plants, and established in the container so that the root mass will retain its shape and hold together when removed from the container.

PALMS: Only a minimum numer of fronds shall be removed from the crown of palm trees to facilitate moving and handling. Cabbage palm heads shall be tied with a burlap strip per the following procedure: The first (inside) row of fronds contiguous to bud shall be removed. The next 3-4 rows shall be tied to bud for support. The remaining (lower) fronds shall be removed. Tied fronds and bud tip shall not be clipped. Burlap strip shall be left in place until the tree is well established.

PALMS: Clear trunk (c.t.) shall be measured from the ground at time of installation to the point where the mature aged trunk joins the immature green portion of the tree. Caliper shall be measured at breast height. Overall height (OA) shall be measured from the ground at the time of installation to a point one-quarter the length of the unopened bud below the bud tip.

SHADE TREES: Height shall be measured from the gorund to the avg. height of canopy. Spread shall be measured to the average outer edge. Single trunk trees shall be free from low-crotches.

SHRUBS: Height shall be measured from the ground to the average point where mature plant growth stops. Spread shall be measured to the end of branching equally across the shrub mass. Measurements are not to include any terminal growth.

SOD: Sod shall be measured on the basis of square footage. Contractor shall be responsible for coverage of the square footage shown on the

SOD: Time delivery so that sod will be placed within 24 hours after.

MULCH: Apply 3" Pine Straw mulch to all planting areas. Keep mulch from piling up along the base of the tree and shrubs. Mulch to be measured after compaction.

#### FINE GRADING

by the Owner.

The landscape contractor shall be responsible for fine grading of the site. This means that the site shall be brought within 1" of final grade so that the landscape contractor will be able to perform final grading. All landscape areas, sod areas, are to be fine graded.

**Tree Staking Detail** 

Remove Burlap from top

Construct Saucer

to retain water

Tree Stakes are to be removed between 6-12 months

PLANT LAYOUT: All bed areas shall have planting laid out prior to

The Landscape Architect shall review all layout prior to planting. If the bed and shrub layout is not inspected prior to planting, the Landscape Architect reserves the right to relocate the plants.

2 Pieces of Rubber Hose 14 Gauge Galvanized

wire and twisted

← Stake: 2 x 2 PT Pine

· 2" Deep Mulch, after

watering in, 24" radius

Diamater of Hole is to be 50% larger than diamater of root ball

pH: 5.5 - 7.0

Planting beds shall contain good soil, complete with organic sand mix. There shall be no construction debris, rock larger than 1" within bed areas. Soil shall be dark grey-brown in organic color and shall have good drainage characteristics.

Soil within planting beds shall not be compacted. All compacted sub-base/ shell is to be removed from all landscape

BACKFILL/SOIL MIX ANNUALS 50% decomposed organic matter (muck) 100% Potting Soil 50% existing soil

FERTILIZER: Two fertilizers shall be used in all types of plantings except palms. Granular fertilizer shall be uniform in composition, dry and free flowing.

This fertilizer shall be 6-6-6 Nitrogen-Phosphorous-Potassium. Tablet Fertilizer (Agriform or equal) in 21 gr size, shall meet the following requirements: 20% Nitrogen, 10% Phosphorous, 10% Potassium. The two fertilizers will be applied at the following rates:

6-6-6 "AGRIFORM" TABLET (21 GRAM) 1. PLANT SIZE 1/4 lb. 1 gal. 3 gal. 1/3 lb. 7-15 gal. 1/2 lb. 2/1" caliper 1"-6" caliper 2 lbs./1" cal. 3 lbs./1" cal. 2/1" caliper 6" and larger

2. Magnesium sulfate or "Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper.

PRUNING: Each plant shill be pruned to complement the natural character of the tree. All dead and brown fronds, leaves, branches shall be removed.

TREE GUYING AND BRACING : Firmly stake or guy all trees in accordance with the plans and planting details immediately after planting to prevent wind damage.

WEED CONTROL: All landscape areas shall be free of nut grass, torpedo grass, and other noxious weeds.

PLANT MAINTENANCE: Contractor shall maintain all plants until final acceptance by owner.

CLEAN-UP: Contractor shall clean site area every day. The site shall be devoid of all rubbish, landscape debris, containers.

Notes

All Plants shall be Florida No.1 Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements. Contractor shall unit prices at time of bid. All contractors working on the project shall be licensed and fully insured as required. Tree and palm

verify all quantities indicated at time of bid. Contractor shall provide staking shall be removed between 6 and 12 months after planting.

ARCHITECTURAL LAND DESIGN NCORPORATED LANDSCAPE ARCHITECTURE 2780 S. Horseshoe Drive Suite 5 Naples, FL 34104

(239) 430-1661

License LC26000259

Christian Andrea

License No. 1178

Specification Native Maintanance **Botanical Name** Common Name DR12 12'-14' oa Delonix regia Royal Poinciana Maintain tree form, remove dead branches only. Magnolia grandiflora Southern Magnolia Brown Brackens 12' oa, 6' apd, 2" cal Maintain tree form, remove dead branches only. QV12 Quercus virginiana Live Oak 12' - 14' oa, 5' spd, 2.5" cal Y Maintain tree form, remove dead branches only. Shrubs Ckusea gutifera Small Clusea 10 gallon 48" LL8 Ligustrum lucidum 8' x 6' multi trunk

Miscellaneous St. Augustine Floritam Sod Certified Disease & Insect Free Mow turf 46 times per year 96000 SOD1 Stenotaphrum secundatum 1800 SF MUL2 Mulch on an annual basis, replenish areas as necessary

Notes

1. All Plants shall be Florida No. 1 or Better.

2. Landscape Contractor shall review plans and indicate any availability problems at time of bid. Landscape contractor shall be responsible bidding and

installing all plantings as they are drawn on the plan, and shall verify the accuracy of the plant list vs the drawn plan, at the time of bid. 3. All plants indicated in zones, C or S, are susceptible to damage from cold temperatures.

4. Contractor shall maintain all plantings until acceptance by Owner. 5. All beds shall be weed free until acceptance by owner. Wherever weeds are present in turf beds or landscape beds, a round application to kill these

weeds before sodding or planting shall be required. 6. All Trees and Palms shall be warranted for a period of 6 months. All Shrubs shall be warranted for a period of 90 days. All Sod shall be warranted for a period of 30 days. Warranty begins at time of acceptance of project.

7. All Sod shall be warranted for 30 days. 8. It is the landscape contractor's responsibility to coordinate w/ the Irrigation contractor to ensure adequate coverage exists.

9. Contractor shall install a Bio Barrier Fabric around all palms within 4' of pavement or planter walls, and all large canopy trees within 10' of a sidewalk. 10. Contractor shall be licensed and insured.

11. Contractor shall maintain site in a clean fashion and shall remove any waste that he creates.

12. Landscape Contractor shall have a pre-construction review of plans w/ Landscape Architect prior to ordering plant material, to verify plans are current, and that no changes are necessary. Contractor shall also schedule a walk thru to allow Landscape Architect to review flagging and placement of all plant material prior to installation. These above mentioned meetings are important to the quality control of the project. Landscape contractor

understands that if work commences without these meetings, that the owner and Landscape Architect have the ability to make field changes to the plans at the Landscape Contractors expense. 13. General Contractor / Site contractor shall make certain that all soil for planting areas shall be of suitable landscape quality fill. Soil shall be

comprised of a sandy base, and have good organic and good percolation qualities. 14. General Contractor / Site contractor shall make certain all limerock, and excessively compacted soils shall be removed from planting beds. 15. Landscape Contractor shall make certain that the site conditions meet to their satisfaction before installing plant material.

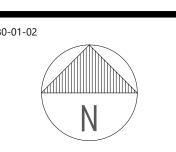
16. If Landscape contractor has any concerns over the survivability of plant materials, he must inform the owner immediately.

17. Contractor to confirm any pest (Deer, Rabbit, etc) issues prior to planting and provide appropriate solution to alleviate issue; ie, incorporate

st alternate plant materials.

Contractor to verify property lines and setbacks before construction. Contractor must have property lines staked and located, and must verify plan dimensions and field conditions are consitent. Any Inconsistencies w/ these plans need to be reported to ALD and the Owner. Contractor shall verify that he has the most up to date plans, and that they have been approved and accepted by the Owner before commencing

Maintain tree form, remove dead branches only. ▲1 Add PInts to culvert CA 8.24.16 Drawing Date: CA 6.28.16 15-080-01-02



15-080-01-03.dwg File Name: Architectural Information Provided By Company Name: Site Information Provided B Company Name:

Contractor shall verify that he has the most up to date plans, and that they have been approved and accepted by the Owner before commencing construction.

ARCHITECTURAL LAND DESIGN

LANDSCAPE ARCHITECTURE

2780 S. Horseshoe Drive Suite 5 Naples, FL 34104 (239) 430-1661

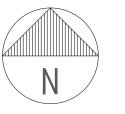
License LC26000259

Christian Andrea

License No. 1178

▲1 Add PInts to culvert CA 8.24.16 CA 6.28.16 Drawing Date:

15-080-01-02



Architectural Information Provided By: Company Name: File Name: Date: Site Information Provided By:

Company Name: File Name: Date:

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ARCHITECTURAL LAND DESIGN

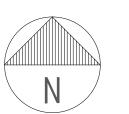
LANDSCAPE ARCHITECTURE

2780 S. Horseshoe Drive Suite 5 Naples, FL 34104 (239) 430-1661

License LC26000259

Christian Andrea

CA 8.24.16 CA 6.28.16 ▲1 Add PInts to culvert



Architectural Information Provided By:

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CA 8.24.16 CA 6.28.16 ▲1 Add PInts to culvert Drawing Date:



Architectural Information Provided By: Company Name: File Name: Date:

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# SITE DEVELOPMENT PLANS

# FOR

# FLORIDA GULF COAST UNIVERSITY

CONNECTOR ROAD

## PROJECT DATA

SITE ADDRESS ACCESS EASEMENT MIROMAR LAKES, FL 33913

**ZONING** 

**FLOOD ZONE** ACCORDING TO THE FLOOD INSURANCE RATE MAP NO. 12071C0582F, EFFECTIVE DATE: AUGUST 28, 2008, THE SUBJECT PARCEL IS LOCATED IN A PANEL

NOT PRINTED - NO SPECIAL FLOOD HAZARD AREAS.

#### PROJECT DATUM

STATE PLANE FLORIDA WEST ZONE (NAD1983) (NSRS2007) NORTH AMERICAN VERTICAL DATUM (NAVD) 1988 CONVERSION NGVD - 1.16 = NAVD

**RECORD PLAT** 

UNPLATTED

STRAP NUMBERS

13-46-25-00-00001.0060

### PERMIT REQUIREMENTS

AGENCY	STATUS	NOTES
S. FLORIDA WATER MANAGEMENT DISTRICT	APPROVED	PERMIT NO. 36-03568-P APP. NO. 140124-13
LEE COUNTY DEVELOPMENT ORDER	PENDING	-
FLORIDA DEPARTMENT OF HEALTH	PENDING	-
FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION	N/A	-
F.D.O.T. CONNECTION PERMIT	N/A	-
F.D.O.T. DRAINAGE CONNECTION PERMIT	N/A	-
F.D.O.T. UTILITY PERMIT	N/A	-
ARMY CORPS OF ENGINEERS	N/A	-
F.D.E.P. NOTICE OF INTENT	PENDING	-

NOTE: CONTRACTOR MUST OBTAIN AND KEEP ON FILE A COPY OF ALL PERMITS REQUIRED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY

# **DESIGN TEAM**

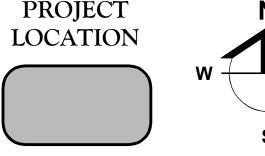
PROJECT ENGINEER	PROJECT MANAGEMENT
WESLEY S. KAYNE, P.E.	CHRIS VAN BUSKIRK
DESIGN ENGINEER	PROJECT SURVEYOR
<u>-</u>	SCOTT A. WHEELER, PSM
LEAD DESIGN TECHNICIAN	SITE PLANNING
DESIGN STAFF	LAND PLANNING
NATHANIEL K. FLESHER WALLACE PEYTON GAUSE III	- -
QUALITY CONTROL	<b>RECORD DRAWINGS</b>
	PENDING

THESE PLANS MAY HAVE BEEN MODIFIED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

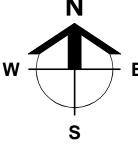
ALL DIMENSIONS ARE IN FEET.

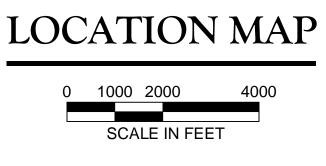
# PART OF SECTION 13, TOWNSHIP 46 SOUTH, RANGE 25 EAST FORT MYERS, LEE COUNTY, FLORIDA





**PROJECT** 







### INDEX OF DRAWINGS

SHEET	DESCRIPTION	XREF	DRAWING NAME
C1.0	COVER SHEET AND LOCATION MAP	-	23371A01.DWG
C2.0	STANDARD NOTES, LEGEND AND ABBREVIATIONS	-	23371A02.DWG
C3.0	AERIAL PHOTOGRAPH AND EXISTING CONDITIONS PLAN	-	23371A06.DWG
C4.0	MASTER SITE, DRAINAGE, AND UTILITY PLAN	-	23371A10.DWG
C5.0-C5.2	PLAN AND PROFILES	-	23371A30A-30C.DWG
C6.0-C6.2	ROADWAY SECTIONS	-	23371A18A-18C.DWG
C7.0	TYPICAL SECTIONS, PAVING, AND DRAINAGE DETAILS	-	23371A20.DWG
C8.0	EROSION CONTROL DETAILS	-	23371A50.DWG
C9.0	STORMWATER POLLUTION PREVENTION PLAN	-	23371A52.DWG
C10.0-C10.1	UTILITY DETAILS	-	23371A70A-70B.DWG
C11.0-C11.1	LIGHTING PLAN KEY MAP AND DETAILS	-	23371A86A-86B.DWG

### **CROSS-REFERENCED DRAWINGS:**

DESCRIPTION	DRAWING NAME
BASE LINEWORK PLAN	23371A00.DWG
AERIAL PHOTOGRAPH	23371A19.DWG
PROFILE BASE PLAN	23371A20.DWG
	BASE LINEWORK PLAN AERIAL PHOTOGRAPH

PLAN STATUS

APPROVAL SUBMITTAL PLANS 09/06/2016

# Darraco

CIVIL ENGINEERING - LAND SURVEYING LAND PLANNING - LANDSCAPE DESIGN

### www.barraco.net

2271 McGREGOR BLVD., SUITE 100 POST OFFICE DRAWER 2800 FORT MYERS, FLORIDA 33902-2800 PHONE (239) 461-3170 FAX (239) 461-3169

LORIDA CERTIFICATES OF AUTHORIZATION ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

# **ALICO WEST** FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

> PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

# CONNECTOR

**ROAD** 

TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

PART OF SECTION 13

ENGINEER OF RECORD WESLEY S. KAYNE, P.E., FOR THE FIRM

RAWING NOT VALID WITHOUT SEAL SIGNATURE AND DATE COPYRIGHT 2016, BARRACO AND ASSOCIATES, IN

PRODUCTION, CHANGES OR ASSIGNMENTS ARE PROHIBITE FILE NAME 23371A01.DWG

LOCATION J:\23371\DWG\SPINE\ LOT DATE TUE. 9-6-2016 - 10:50 AM

PLOT BY WES KAYNE CROSS REFERENCED DRAWINGS

MASTER = BAI-COVER-1.DWG

PLAN REVISIONS

APPROVAL SUBMITTAL PLANS

**COVER SHEET** AND **LOCATION MAP** 

PROJECT / FILE NO. SHEET NUMBER 23371 C1.0

#### STANDARD ABBREVIATIONS

NOTE: SEE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 001 FOR ADDITIONAL ABBREVIATIONS NOT LISTED BELOW. AASHTO AMERICAN ASSOCIATION C.U.E. RECTANGULAR OF STATE HIGHWAY AND CULV. CUI VERT FHWA FEDERAL HIGHWAY ADMINISTRATION M.H. MANHOLE REINF REINFORCED OF TRANSPORTATION OFFICIALS C.Y. CUBIC YARD M.H.W. MEAN HIGH WATER REINFORCING CYLINDRICA RELOCATED COUNTY UTILITY EASEMENT **FLEXIBLE** REMOVED MISCELLANEOUS REQ. A.D.A. E CLUV. REQUIRED AMERICANS WITH DISABILITIES ACT CULVERT FORCEMAIN CUBIC YARD F.O.C FACE OF CURB M.L.W MEAN LOW WATER RES. RESIDENCE A.D.T FEET PER SECONI MILLIMETER REFERENCE MONUMENT AVERAGE DAILY TRAFFIO UNGXILHNEDRIGALA ACCESS EASEMENT MODIFY OR MODIFIED RAISED REFLECTIVE PAVEMENT DEED BOOK MONUMENT DITCH BOTTOM INLET FREQ. **FREQUENCY** A.A.D.T ANNUAL AVERAGE DAILY MARKERS M.O.T. R.P.B.D. REDUCED PRESSURE BACKELOW MAINTENANCE OF TRAFFIC FOOT OR FFF FURN. AGGREGATE DEGREE OF CURVATURE (SPIRAL) FURNISH M.P.H. MILES PER HOUR PREVENTION DEVICE AMERICAN INSTITUTE OF CERTIFIED D.D.C.V MEAN SEA LEVEL DOUBLE DETECTOR CHECK VALVE RAILROAD MANUAL ON UNIFORM TRAFFIC PLANNERS DRAINAGE EASEMEN RIGHT OF WAY AIT. AI TERNAT GALVANIZED CONTROL DEVICES ALUN ALUMINUM DEMOBILIZATION **GAUGE OR GAGE** 12:00 MIDNIGHT UNTIL 11:59 NOON NOT APPLICABLE SANITARY GARAGE AMERICAN NATIONAL STANDARDS GOVERNMEN<sup>T</sup> NORTHEAST SCHEDULE A.N.S.I. NATIONAL GEODETIC VERTICAL **GROSS MILE** N.G.V.D. SOUTHEAS INSTITUTE APPL APPLICATION DESIGN HIGH WATER GUARDRAII DATUM OF 1929 SECTION ASPH. NORTH AMERICAN VERTICAL DATUM SEDIMENT GROUND **DUCTILE IRON PIPE GATE VALVE** SPECIFIC GRAVITY N.G.S. NATIONAL GEODETIC AMERICAN SOCIETY FOR TESTING A.S.T.M. DIRECTION MATERIAL S DISTANCE HIGH DENSIT SHI DR. SHOULDER AUX. SEASONAL HIGH WATER TABLE AUXII IARY DEPARTMENT OF TRANSPORTATION HDWL HEADWALL NORMAL HIGH WATER S.H.W.T AVENUE HANDRAIL AVG. DRWY. DRIVEWAY HORIZ. HORIZONTAL N.T.S. NOT TO SCALE SQUARE FOOT AVERAGE B.E. DESIGN SPEED HIGH PRESSURE OR HORSE POWER BURIED ELECTRIC NORTH WEST STATE ROAD BASE LINE D.S.W.1 DRY SEASON WATER TABLE HIGH WATER OUTSIDE DIAMETER STREET BLVD OVERHEAD ELECTRIC BOULEVARD STATION BENCHMARK **HYDRAN**1 OPTIONAL STABILITY OR STABILIZATION EXTERNAL ANGLE (DELTA) O.R. OFFICIAL RECORD BOOK B.O.C STD. BACK OF CURE EACH STANDARD RATE OF SUPER ELEVATION BOT BOTTOM INSIDE DIAMETER OUNCE STR. STRUCTURE B.P. **BORROW PIT** INVERT ELEVATION FACH DAY SQUARE YARD ENGINEERING INTERN PAVEMENT SOUTHWEST INCORPORATED POINT OF CURVATURE BEARING EL.orELEV. ELEVATION **SIDEWALK** PROFESSIONAL ENGINEER BURIED TELEPHONE ELEC. FI FCTRIC INCLUDED THICKNESS BTWN BETWEEN ELLIP. ELLIPTICA IRON PIPE PEDESTRIAN OR PEDESTAI TAN. TANGENT **EMBANKMEN** IRON ROD **TOWNSHIP** CALC ENCL. **ENCLOSURE** INSTALL OR INSTALLATION PROFILE GRADE LINE T.B.M. TEMPORARY BENCH MARK CALCULATED INSTRUMENT NUMBER POST INDICATOR VALVE CALCULATED E.O.P. EDGE OF PAVEMEN T.B.D. TO BE DETERMINED CAPACITY E.O.W. EDGE OF WATER INTERSECTION MEASURE OF ACIDITY T.B.R. TO BE REMOVED CATV CABLE TELEVISION **EQUATION OR EQUAI** OR ALKALINITY **TELEPHONE** POINT OF INTERSECTION CATCH BASIN JUNCTION BOX TEMPORARY CBC. CONCRETE BOX CULVERT ELLIPTICAL REINFORCED JUNCTION E.R.C.P. PARKER-KALON CBS. T.U.E. TECHNOLOGY UTILITY ESMI CONCRETE BOX STRUCTURE CONCRETE PIPE PROPERTY LINE CENTER TO CENTER RATE OF VERTICAL CURVATURE 12:00 NOON UNTIL 11:59 MIDNIGHT FASEMENT ET CETERA (AND SO FORTH POINT ON CURVE **UNDERGROUND** KILOVOLT MINUTES BOOK ENDWALL POWER POLE UTILITY EASEMENT CFM. **EXCAV** KILOVOLT AMPERES P.R.C. UNITED STATES COAST AND EXCAVATION POINT OF REVERSE C.F. CUBIC FOOT LENGTH, LENGTH OF CURVE, LITRE **CURVATURE** GEODETIC SURVEY PERMANENT REFERENCE UNITED STATES GEOLOGICAL EXPANSION LIMITED ACCESS C.I.P. CAST IRON PIP **EXTENSION** LATERAL OR LATITUDE MONUMENT POUND OR LICENSED BUSINESS CENTER LINE UTILITIES PROPERTY F. TO F. CONC CONCRETE FACE TO FACE LEE COUNTY RECORDS P.U.E. PUBLIC UTILITY EASEMENT VOLUME CONCRETE MONUMENT FLORIDA ADMINISTRATIVE CODE LEE COUNTY UTILITIES POUNDS PER SQUARE INCH VARIABLE CORRUGATED METAL PIPE FLORIDA ACCESSIBILITY CODE FOR L.C.U.E. LEE COUNTY UTILITIES EASEMENT PROFESSIONAL SURVEYOR AND VERTICAL CURVE **BUILDING CONSTRUCTION** ARC LENGTH COUNTY OR COMPANY VEHICLE LINEAR FOOT C/O CLEANOUT FLORIDA BUILDING CODE POLYVINYL CHLORIDE PIPE VERTICAL FOOT LAKE MAINTENANCE EASEMENT POINT OF VERTICAL INTERSECTION VERT VERTICAL FIRE DEPARTMENT PEAK DISCHARGE OR FLOW VOLUME VOL. VOLUME CONST. CONSTRUCTION LUMP SUM CONNECTION CONTR **FOUNDATION** CONTRACTOR CUANTIT WITNESS FLORIDA DEPARTMENT OF COORD COORDINATE F.D.OT. MASS R. or RAD. RADIUS W.M. WATERMAIN MEASURED COORDINATE DISTANCE (EAST-WEST) TRANSPORTATION CONTROL POINT FEDERAL MAINTENANCE RNG. RANGE XING **CROSSING** REINFORCED CONCRETE PIPE FERTILIZER MAXIMUM R.C.P. COORDINATE DISTANCE CONTROL RADIUS CONTROL STRUCTURE FLARED END SECTION RANGE (NORTH-SOUTH) FINISHED FLOOR ELEVATION M.E.S. MITERED END SECTION REC. RECORD **GENERAL NOTES** 

#### NOTE: SEE ADDITIONAL NOTES ON SITE DEVELOPMENT PLANS AND DETAIL SHEETS WHICH ARE SPECIFIC TO THIS PROJECT. IN THE EVENT OF A CONFLICT, UTILIZE NOTES ON SITE DEVELOPMENT PLANS. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE LATEST EDITIONS OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, F.D.O.T. DESIGN STANDARDS AND APPLICABLE DESIGN STANDARDS MODIFICATIONS FOUND AT http://www.dot.state.fl.us/rddesign AND ALL LOCAL CODES.

- ALL APPROVALS REQUIRED IN CONJUNCTION WITH THESE NOTES MUST BE OBTAINED IN WRITING BY THE CONTRACTOR. ANY DEVIATIONS FROM THE PLANS AND / OR SPECIFICATIONS MUST BE APPROVED IN ADVANCE BY THE OWNER, ENGINEER AND APPROPRIATE REGULATORY AGENCY.
- CONTRACTOR SHALL ENSURE THAT ALL PERMITS ARE IN PLACE PRIOR TO CONSTRUCTION, THAT COPIES OF ALL PERMITS ARE RETAINED ON SITE AT ALL TIMES AND SHALL ADHERE TO ALL PERMIT CONDITIONS. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION CONTRACTOR SHALL NOTIFY THE LOCAL MAINTENANCE ENGINEER'S OFFICE TO SECURE GENERAL USE PERMITS AND / OR OTHER PERMITS REQUIRED FOR WORK WITHIN F.D.O.T. RIGHT-OF-WAY.
- ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST VERSIONS OF THE AMERICANS WITH DISABILITIES ACT (A.D.A.) AND THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (F.A.C.B.C.). MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS, MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND CROSSWALKS.
- SIDEWALKS ARE DESIGNED AND INTENDED FOR PEDESTRIAN TRAFFIC ONLY. ALL SIDEWALKS AND CURB CUTS SHALL BE IN ACCORDANCE WITH F.D.O.T. INDEX 304 AND SHALL INCLUDE DETECTABLE WARNING SURFACES. VALLEY GUTTER ADJACENT TO CURB CUTS SHALL DEVIATE FROM STANDARD DETAIL BY NOT EXCEEDING 12:1 SLOPES.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER, OWNER'S REPRESENTATIVE AND APPROPRIATE AGENCY A MINIMUM OF 72 HOURS PRIOR TO ALL INSPECTIONS REQUIRED BY THE RESPECTIVE PERMIT.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND CONTACT ALL UTILITY COMPANIES FOR LOCATIONS OF EXISTING UTILITIES A MINIMUM OF 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL DETERMINE IF UTILITIES OTHER THAN THOSE SHOWN ON THESE PLANS EXIST. THE LOCATION OF EXISTING UTILITIES, PAVEMENT, VEGETATION AND OTHER IMPROVEMENTS ARE APPROXIMATE ONLY. THE EXACT SIZES, ELEVATIONS AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. CONTRACTOR SHALL NOTIFY ENGINEER / OWNER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED AND IF IN DANGER OF BEING DESTROYED MUST BE PROPERLY REFERENCED BY THE CONTRACTOR
- EXISTING IMPROVEMENTS SHALL REMAIN UNLESS NOTED OTHERWISE, AND SHALL BE RESTORED TO A CONDITION EQUIVALENT TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN ANY CLEARING, VEGETATION REMOVAL OR RIGHT-OF-WAY PERMITS REQUIRED FOR THIS PROJECT. ALL DEBRIS SHALL BE REMOVED FROM SITE AND PROPERLY DISPOSED OF.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND USAGE OF THE EXISTING STREETS ADJACENT TO THE PROJECT. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS. CONTRACTOR SHALL ASSURE THAT ALL TRAFFIC CONTROL DEVICES MEET ACCEPTABLE STANDARDS AS OUTLINED IN THE LATEST EDITION OF THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA's) "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES". AND SHALL IMMEDIATELY REPAIR, REPLACE OR CLEAN DAMAGED, DEFACED OR DIRTY DEVICES. TRAFFIC CONTROL OPERATION PROCEDURES SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. ANY IMPACTS TO TRAFFIC FLOW SHALL BE COORDINATED WITH AND APPROVED BY THE APPROPRIATE LOCAL AGENCY
- 12. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND OWNER'S REPRESENTATIVE.
- 13. THE LOCATIONS OF PROPOSED DRAINAGE STRUCTURES AND UTILITY LINES MAY BE FIELD ADJUSTED TO PRESERVE EXISTING VEGETATION AS APPROVED IN ADVANCE BY THE ENGINEER. UNDERGROUND CONTRACTOR SHALL MINIMIZE THE WORK AREA AND WIDTH OF TRENCHES TO AVOID DISTURBANCES OF NATURAL VEGETATION. EXERCISE CARE TO PROTECT THE ROOTS OF TREES TO REMAIN. WITHIN THE BRANCH SPREAD OF SUCH TREES, PERFORM ALL TRENCHING BY HAND. OPEN THE TRENCH ONLY WHEN UTILITIES CAN BE INSTALLED IMMEDIATELY. PRUNE INJURED ROOTS CLEANLY AND BACKFILL AS SOON AS POSSIBLE. SPOIL FROM TRENCHES SHALL BE PLACED ONLY ON PREVIOUSLY CLEARED AREAS OR AS DIRECTED BY THE OWNER. CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY TREES AND/OR SHRUBS WITHOUT PRIOR APPROVAL BY OWNER.
- 14. INSTALLATION OF SUBSURFACE CONSTRUCTION, INCLUDING BUT NOT LIMITED TO WATER, SEWER AND IRRIGATION LINES, PUBLIC UTILITIES AND STORM DRAINAGE IS REQUIRED PRIOR TO COMPACTION OF THE ROADWAY SUBGRADE.
- SUBGRADE AND LIMEROCK BASE COURSES TO BE COMPACTED TO 98% MINIMUM OF THE MAXIMUM DRY DENSITY AS SPECIFIED BY AASHTO T-180 TESTING. CONTRACTOR SHALL PROVIDE THE ENGINEER SATISFACTORY DENSITY TESTS FOR SUBGRADE AND LIMEROCK PRIOR TO PAYMENT OR FINAL ACCEPTANCE. EXCESS ROAD BASE AND COMPACTED SOIL SHALL BE REMOVED FROM ALL LANDSCAPE AREAS PRIOR TO FINAL GRADING.

16. SWALE ELEVATIONS SHOWN ARE TO TOP OF SOD, CONTRACTOR TO ADJUST SWALE GRADING ACCORDINGLY. ALL UNPAVED AREAS SHALL BE GRADED TO DRAIN TO THE DRAINAGE SYSTEM TO PREVENT STANDING WATER. YARD DRAINS MAY BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR

ENGINEER, AND SHALL HAVE PEDESTRIAN-SAFE GRATES MEETING THE REQUIREMENTS OF H-20 LOADING.

BERM ELEVATIONS SHOWN ARE THE MINIMUM REQUIRED. CONTRACTOR MAY EXCEED THE MINIMUM BERM ELEVATION BY UP TO 0.5 FEET PROVIDED ALL SLOPE CRITERIA IS MET. ANY CONSTRUCTION OF BERMS IN EXCESS OF THAT LIMIT MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION

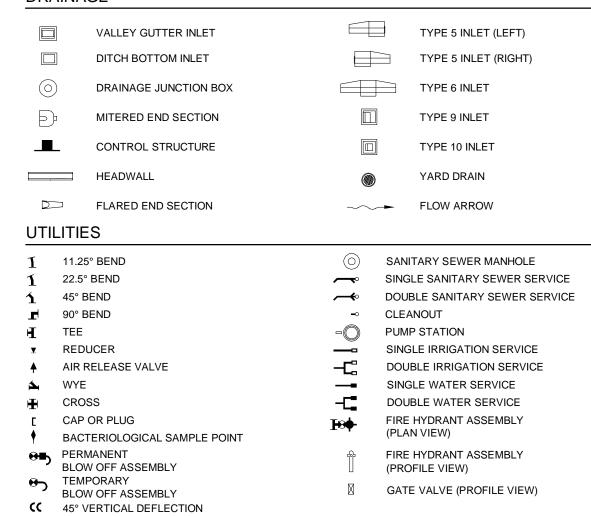
AND OTHER IMPROVEMENTS AS REQUIRED TO MATCH THE FINAL GRADE.

- 18. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHIN ONE WEEK OF COMPLETION OF DRAINAGE CONTROL STRUCTURES SO THAT ELEVATIONS MAY BE VERIFIED PRIOR TO COMPLETION OF CONSTRUCTION.
- 19. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES
- 20. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS REPRESENTATIVE IN REGARDS TO THE LOCATION. SIZE AND QUANTITY OF ALL CONDUITS FOR UTILITIES. IRRIGATION, LIGHTING AND OTHER IMPROVEMENTS PRIOR TO CONSTRUCTION OF THE ROADWAY SUBGRADE. CASING AND/OR CONDUIT SHALL HAVE A MINIMUM OF 30" COVER, EXTEND 5' BEYOND THE EDGE OF PAVEMENT, BACK OF CURB AND/OR SIDEWALK AT EACH END, AND ENDS SHALL BE SEALED AND DENOTED WITH MARKING TAPE
- 21. CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO PLACING SOD ON AREAS THAT REQUIRE CRITICAL MINIMUM OR MAXIMUM ELEVATIONS IN ORDER FOR ENGINEER TO VERIFY SUCH ELEVATIONS. THE OBLIGATION TO ACHIEVE MINIMUM ELEVATIONS REMAINS WITH THE CONTRACTOR.
- 22. SOD A 12" STRIP ADJACENT TO ALL PAVEMENT PER F.D.O.T. REQUIREMENTS. SOD ALL UNPAVED DISTURBED AREAS WITHIN F.D.O.T. RIGHT OF WAY. ALL OTHER UNPAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED, FERTILIZED AND MULCHED UNLESS NOTED OTHERWISE.
- 23. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL, AND SUCH MATERIAL SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
- 24. THE PROPERTY OWNER OR DESIGNATED AUTHORITY IS RESPONSIBLE FOR THE PERPETUAL MAINTENANCE OF ALL FEATURES OF THE SURFACE WATER MANAGEMENT SYSTEM AS SHOWN IN THESE DRAWINGS AND AS REQUIRED BY LOCAL, STATE AND FEDERAL PERMITS. IT IS FURTHER RECOMMENDED THAT THE SURFACE WATER MANAGEMENT SYSTEM BE INSPECTED SEMI-ANNUALLY
- 25. CONTRACTOR SHALL VERIFY DESIGN DETAILS WITH ENGINEER PRIOR TO ORDERING STRUCTURES. STRUCTURE TYPES LABELED ON THE PLANS FOR ITEMS SUCH AS JUNCTION BOXES AND INLETS MAY ONLY BE A REFERENCE TO THE TOP OF THE STRUCTURE. CERTAIN STRUCTURE TYPES REQUIRE A LARGER BOTTOM TO ACCOMMODATE LARGER PIPE SIZES AND/OR PIPE ANGLES. THE APPROPRIATE SIZE AND SHAPE OF THE BOTTOM OF THE STRUCTURE SHALL BE DETERMINED BY THE CONTRACTOR WITH CONSIDERATION GIVEN TO ADJACENT EXISTING OR PROPOSED UTILITIES. THE COST FOR THE ENTIRE STRUCTURE IS INCLUDED IN THE UNIT PRICE FOR THE PRIMARY STRUCTURE.
- 26. STORM DRAIN PIPE LENGTHS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM INSIDE FACE OF STRUCTURE. SANITARY SEWER PIPE LENGTHS ARE APPROXIMATE AND ARE MEASURED FROM THE CENTER OF STRUCTURE.
- CONTRACTOR SHALL MAINTAIN MINIMUM SEPARATION BETWEEN UTILITIES AS SHOWN ON "UTILITY LOCATION DETAIL" AND IN ACCORDANCE WITH APPLICABLE LOCAL UTILITY SERVICE PROVIDER REQUIREMENTS.
- 28. ALL COMPONENTS OF THE POTABLE WATER SYSTEM SHALL BE IN CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE / NSF INTERNATIONAL STANDARD 61. ALL COMPONENTS, INSTALLATION AND TESTING OF THE POTABLE WATER SYSTEM SHALL BE IN ACCORDANCE WITH ALL A.W.W.A. APPLICABLE STANDARDS.
- 29. CONTRACTOR TO COORDINATE WITH ALL OTHER CONTRACTORS WORKING ON THE PROJECT SITE, THE OWNERS' REPRESENTATIVE AND WITH ELECTRIC. TELEPHONE AND CABLE COMPANIES TO ASSURE THAT NO SANITARY SEWER, WATERLINE OR IRRIGATION SERVICES ARE INSTALLED UNDER PROPOSED TRANSFORMERS.
- 30. DEFLECTION TESTING IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS FOR GRAVITY SEWER MAY NOT BE UNDERTAKEN UNTIL 30 DAYS AFTER FINAL BACKFILLING OF THE TRENCH IS COMPLETE. SEWER DEFLECTION MAY NOT EXCEED THE MAXIMUM PROVIDED IN THE TECHNICAL SPECIFICATIONS OR 5%, WHICHEVER IS LESS.
- 31. ALL GRAVITY SEWER MAINS SHALL BE TESTED WITH A MANDREL WITH A DIAMETER OF NOT LESS THAN 95% OF THE INSIDE PIPE DIAMETER. MANDREL TESTS MUST BE PERFORMED WITHOUT USE OF MECHANICAL PULLING DEVICES.
- 32. NO VEGETATION OR OTHER OBSTRUCTIONS SHALL BE PLACED SO AS TO BLOCK ACCESS OR LINE OF SIGHT TO FIRE HYDRANTS, F.D.C, P.I.V, ETC. IN ACCORDANCE WITH LOCAL FIRE JURISDICTION AND / OR AS SHOWN IN DETAILS.
- 33. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA FIRE CODE. SEPARATE PERMITS MAY BE REQUIRED FOR ANY DEDICATED FIRE LINE. UNDERGROUND FIRE LINES MUST MEET REQUIREMENT OF NFPA 24.
- 33. SEPARATE PERMITS ARE REQUIRED FOR ANY DEDICATED FIRE LINE. UNDERGROUND FIRE LINES MUST MEET REQUIREMENT OF NFPA 24. CONTRACTOR TO VERIFY FIRE LINE SIZE WITH BUILDING PLANS PRIOR TO CONST

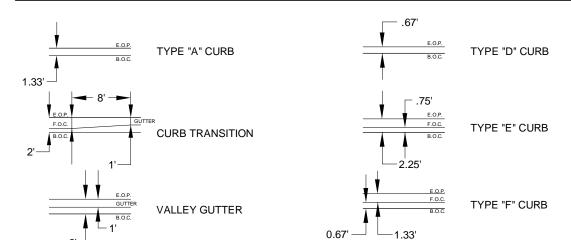
#### SYMBOL LEGEND

NOTE: THE SYMBOLS REPRESENTED BELOW ARE STANDARDS UTILIZED BY THIS FIRM AND NOT ALL ARE REQUIRED FOR THE SUBJECT PROJECT.

#### DRAINAGE



#### ■ PLUG VALVE STANDARD CURB TYPES SEE F.D.O.T. INDEX 300 FOR ADDITIONAL DETAILS



#### SIGNAGE AND MARKINGS

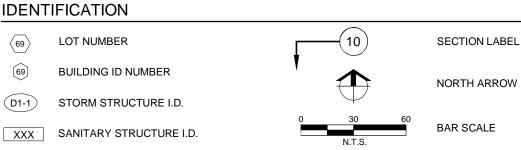
GATE VALVE

SIGN (PLAN VIEW) ♣ CONSERVATION SIGN LOCATION NOTE: FINAL LOCATIONS TO BE FIELD LOCATED AFTER CONSTRUCTION WITH WATER MANAGEMENT DISTRICT STAFF.

HANDICAP SYMBOL

MODEL HOMES, MODEL UNITS, MODEL DISPLAY CENTERS. "NO MOWING/HERBICIDING"

# SIGN ALONG LAKE SHORELINE



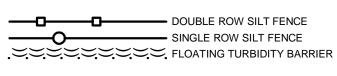
#### SOIL BORING LOCATION

**EROSION CONTROL** 

FIRE HYDRANT LABEL

NOTE: SEE EROSION CONTROL DETAILS FOR ADDITIONAL INFORMATION.





© GAS LINE MARKER

□ TELEPHONE RISER

W WATER BOX

E ELECTRIC BOX

w⊙v WATER VALVE

BENCH MARK

(S) SANITARY MANHOLE

COO SANITARY CLEAN OUT

FOM SANITARY SEWER VALVE

SIGN

LEFT ONLY

LEFT OR RIGHT

↑ STRAIGHT

STRAIGHT OR RIGHT

STRAIGHT OR LEFT

STRAIGHT, LEFT OR RIGHT

#### **SURVEYING**

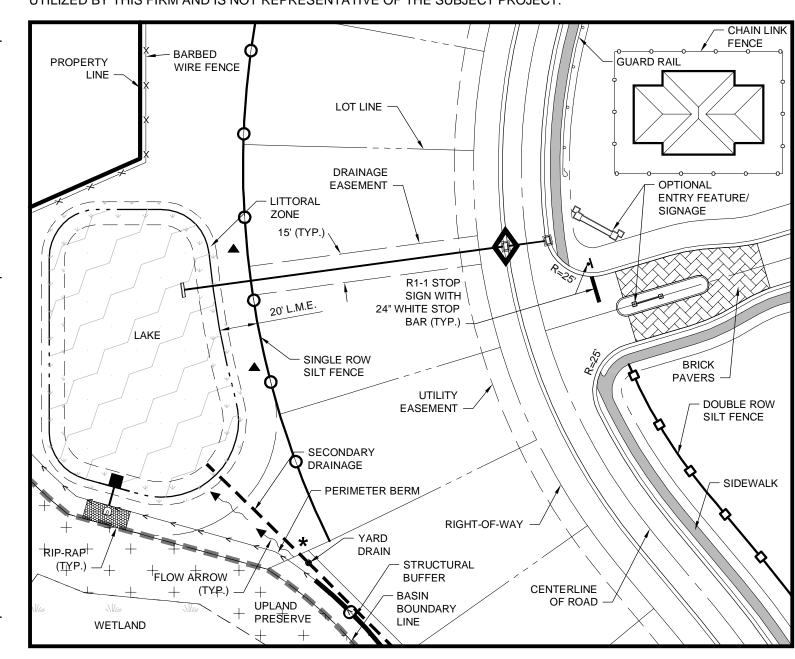
- △ FOUND NAIL AS NOTED SET 1/2" IRON ROD WITH CAP STAMPED LB6940 SET 4"x4" CONC. MONUMENT STAMPED LB6940 ▲ SET P.K. NAIL WITH DISC STAMPED LB6940
- ☐ FOUND CONC. MONUMENT AS NOTED O FOUND IRON PIPE OR IRON ROD AS NOTED DRAINAGE INLET DRAINAGE MANHOLE MITERED END SECTION
- CONCRETE POWER POLE WOOD POWER POLE
- 人 GUY ANCHOR

### **QUANTITIES AND PAYMENT**

CONTRACTOR SHALL REFER TO THE BID TABULATION AND PROJECT TECHNICAL SPECIFICATIONS FOR NOTES REGARDING THE METHOD OF PAYMENT FOR SPECIFIC PAY ITEMS. ITEMS NOT SPECIFICALLY REFERENCED IN THE SPECIFICATIONS OR BID TABULATION SHALL BE PAID FOR PER THE LATEST VERSIONS OF THE APPROPRIATE F.D.O.T. DESIGN STANDARDS INDEX AND F.D.O.T. STANDARD SPECIFICATION SECTION.

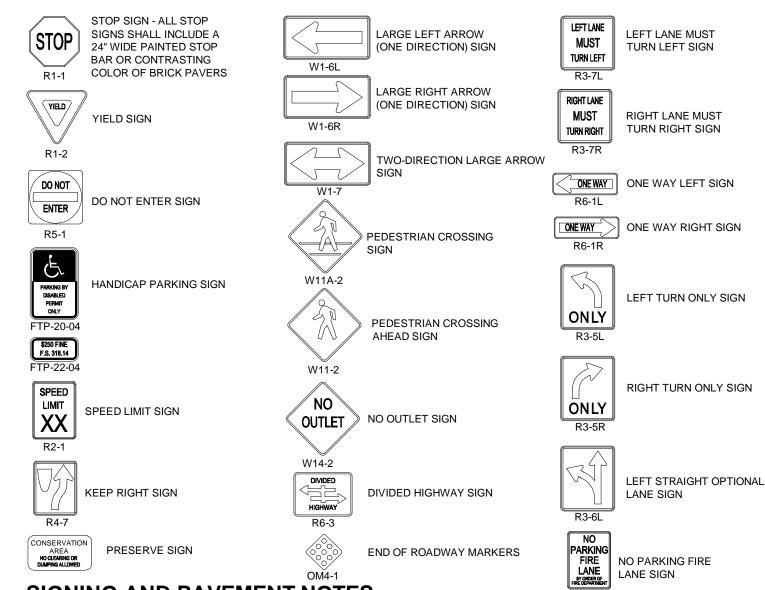
#### LINETYPE AND HATCHING LEGEND

NOTE: THE DRAWING BELOW IS PROVIDED AS ONLY AN EXAMPLE OF STANDARD LINETYPES AND HATCHING UTILIZED BY THIS FIRM AND IS NOT REPRESENTATIVE OF THE SUBJECT PROJECT



#### STANDARD STREET SIGNS

THE SIGN LEGEND BELOW IS PROVIDED AS A GRAPHICAL REFERENCE TO ONE OR MORE OF THE SIGNS REQUIRED FOR THIS PROJECT. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SHOULD BE REFERENCED FOR SPECIFIC DETAILS AND LOCATION REQUIREMENTS.



#### SIGNING AND PAVEMENT NOTES

SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

- ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE F.D.O.T. STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION, THE F.D.O.T DESIGN STANDARDS INDEX, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND ALL APPLICABLE LOCAL STANDARDS. UTILIZATION OF THE 2009 M.U.T.C.D. SHALL BE IN ACCORDANCE WITH F.D.O.T. POLICY.
- 2. DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH THE LATEST EDITIONS OF THE "STATE OF FLORIDA MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS" AND WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND WITH ALL OTHER GOVERNING SAFETY REGULATIONS.
- 3. PAVEMENT MARKINGS SHALL BE PERMANENT REFLECTIVE TRAFFIC PAINT WITH GLASS BEADS IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS SECTION 710 UNLESS NOTED OTHERWISE. PERMANENT PAVEMENT MARKINGS WITHIN F.D.O.T. RIGHT-OF-WAY SHALL BE THERMOPLASTIC UNLESS NOTED OTHERWISE.
- 4. MATCH EXISTING PAVEMENT MARKINGS AT EXISTING ROADS. ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED BY HYDRO-BLASTING. EXISTING SIGNS SHALL REMAIN UNLESS NOTED OTHERWISE.
- 5. ALL STOP SIGN LOCATIONS SHALL INCLUDE A 24" PAINTED WHITE STOP BAR. AS AN ALTERNATIVE, ROADS WITH PAVER BRICK SURFACES MAY UTILIZE CONTRASTING COLOR PAVERS IN LIEU OF PAINT.
- 6. THE CONTRACTOR SHALL FURNISH AND INSTALL STREET NAME SIGNS IN ACCORDANCE WITH LOCAL DEVELOPMENT STANDARDS. IF POSSIBLE, STREET NAME SIGNAGE TO BE ATOP ALL STOP SIGNS. DEAD END STREETS SHALL INCLUDE A W14-2P "NO OUTLET" SIGN.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL BLUE / BLUE REFLECTIVE PAVEMENT MARKERS AT THE CENTER OF THE TRAFFIC LANE NEAREST ALL PROPOSED FIRE HYDRANTS.
- ALL ROADWAY SIGNING AND PAVEMENT MARKINGS, STREET NAME SIGNS, ETC. (EXCLUDING PROJECT IDENTIFICATION SIGNING) ARE TO
- BE INCLUDED IN THE LUMP SUM PRICE FOR SIGNING AND MARKING UNLESS A DETAILED BID QUANTITY BREAKDOWN IS PROVIDED. ANY EXISTING SIGN TO REMAIN THAT IS RELOCATED OR DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT F.D.O.T. STANDARD INDEXES 11860 AND 17302 FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION. ANY SIGNS DAMAGED BY CONTRACTOR
- 10. ALL SIGNS THAT ARE EMBEDDED IN CONCRETE OR ASPHALT SHALL BE INSTALLED IN A F.D.O.T. APPROVED PIPE SLEEVE.

NOTE: NOT ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS OR OTHER STANDARDS SHOWN ON THIS SHEET MAY BE APPLICABLE TO THIS PROJECT.

# Darraco

CIVIL ENGINEERING - LAND SURVEYING LAND PLANNING - LANDSCAPE DESIGN

# www.barraco.net

2271 McGREGOR BLVD., SUITE 100 POST OFFICE DRAWER 2800 FORT MYERS, FLORIDA 33902-2800 PHONE (239) 461-3170 FAX (239) 461-3169

FLORIDA CERTIFICATES OF AUTHORIZATION

ENGINEERING 7995 - SURVEYING LB-6940 PREPARED FOR

# **ALICO WEST** FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

PART OF SECTION 13

FOWNSHIP 46 SOUTH, RANGE 25 EAST

LEE COUNTY, FLORIDA

**CONNECTOR** 

ROAD

ENGINEER OF RECORD

WESLEY S. KAYNE, P.E., FOR THE FIRM

FLORIDA P.E. NO. 80507 - WESK@BARRACO.NE

RAWING NOT VALID WITHOUT SEAL. SIGNATURE AND DATE

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FILE NAME 23371A02.DWG

LOCATION J:\23371\DWG\SPINE\

PLOT BY WES KAYNE

CROSS REFERENCED DRAWINGS

LOT DATE TUE. 9-6-2016 - 10:50 AM

MASTER = BAI-LEGEND-1.DWG

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTAL PLANS 09/06/2016

STANDARD NOTES, LEGEND, AND **ABBREVIATIONS** 

PROJECT / FILE NO. SHEET NUMBER 23371 C2.0



#### **GENERAL NOTES:** THE SITE CAN BE SAFELY USED FOR BUILDING PURPOSES WITH NO KNOWN DANGER FROM FLOODS OR ADVERSE SOIL OR FOUNDATION CONDITIONS SUBJECT TO SUBSURFACE SOIL EXPLORATION AND DESIGN OF EACH STRUCTURE BY AN ARCHITECT OR GEOTECHNICAL ENGINEER. THERE ARE NO POTENTIAL IMPACTS TO GROUND AND SURFACE WATERS, WETLANDS OR FLOOD PLAINS/RIVERINE AREAS ANTICIPATED DUE TO CONSTRUCTION OF THIS PROJECT. A VEGETATION REMOVAL PERMIT IS REQUIRED PRIOR TO ANY SITE WORK. PROTECTIVE BARRICADES MUST BE CONSTRUCTED AND INSPECTED PRIOR TO PERMIT ISSUANCE. 4. NO ADDITIONAL LEE COUNTY TRANSIT STOP IS REQUESTED FOR THIS PROJECT. MAINTENANCE OF COMMON FACILITIES WILL BE THE RESPONSIBILITY OF FLORIDA GULF COAST GENERAL DRAINAGE NOTES: THE LENGTH OF STORM DRAIN PIPES SHOWN ON PLANS ARE APPROXIMATE AND HAVE BEEN MEASURED FROM THE INSIDE FACE OF STRUCTURE. THE CONTRACTOR IS REQUIRED TO ADJUST ALL EXISTING AND PROPOSED VALVE BOXES, MANHOLE RIMS, GRATES, ETC. AS REQUIRED TO MATCH PROPOSED GRADES. ALL UNPAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED UNLESS NOTED OTHERWISE. WATERING WILL BE REQUIRED TO OBTAINING STABILIZATION / GROWTH AND TO 4. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION. SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADING SOD A 12" STRIP BEHIND ALL CONCRETE CURB AND VALLEY GUTTER AND AT EDGE OF PAVEMENT. REMAINING AREAS WITHIN THE DISTURBED AREA SHALL BE SEEDED, FERTILIZED AND MULCHED. SOD ALL SLOPES STEEPER THAN 4:1. STAKE SOD ALL SLOPES STEEPER THAN 3:1 WITH THE EXCEPTION OF THOSE AREAS SHOWN AS RIP-RAP. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER. 8. YARD DRAINS SHALL BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR ENGINEER. UTILITIES PROVIDING SERVICE: FIRE CONTROL DISTRICT POTABLE WATER LEE COUNTY UTILITIES SAN CARLOS PARK FIRE DISTRICT 1500 MONROE STREET 19591 BEN HILL GRIFFIN PARKWAY FORT MYERS, FLORIDA 33913 FORT MYERS, FLORIDA 33902 PHONE (239) 533-8181 PHONE (239) 267-7525 SANITARY SEWER CABLE TELEVISION NOT APPLICABLE COMCAST 12641 CORPORATE LAKES DR. FORT MYERS, FLORIDA 33913 PHONE (239) 432-9277 TELEPHONE GARBAGE COLLECTION

13110 RICKENBACKER PKWY

POTABLE WATER SYSTEM

PHONE (239) 337-0800

IRRIGATION

EXISTING CONDITIONS ARE BASED ON DESIGN PLANS PREPARED BY

BARRACO AND ASSOCIATES DATED: 12-08-2015. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION TO DETERMINE

IF PROPOSED IMPROVEMENTS HAVE BEEN CONSTRUCTED. EXISTING SITE CONDITIONS AT TIME OF CONSTRUCTION MAY AFFECT TIE-IN CONDITIONS.

FLORIDA GULF COAST

UNIVERSITY

FORT MYERS, FLORIDA 33913

CENTURYLINK

5100 DANIELS PKWY #300

26430 OLD U.S. 41 ROAD BONITA SPRINGS, FLORIDA 34135

PHONE (239) 947-7361

PHONE (239) 590-0440

FORT MYERS, FLORIDA 33912

FLORIDA POWER AND LIGHT COMPANY

WATER MANAGEMENT SUMMAR	RY
WATER MANAGEMENT CRITERIA	BASIN 11
5-YR, 1-DAY RAINFALL DEPTH	5.5in
25-YR, 3-DAY RAINFALL DEPTH	10.5in
100-YR, 3-DAY RAINFALL DEPTH	13.0in
CONTROL ELEVATION	16.80' NAVD
PEAK 5-YR, 1-DAY STORM STAGE	18.70' NAVD
PEAK 25-YR, 3-DAY STORM STAGE	19.16' NAVD
PEAK 100-YR, 3-DAY (zero-discharge) STAGE	19.90' NAVD
PEAK 25-YR, 3-DAY STORM DISCHARGE	N/A
MINIMUM CALCULATED PAVEMENT ELEVATION	18.8' NAVD
MINIMUM PROPOSED PAVEMENT ELEVATION	18.8' NAVD
MINIMUM CALCULATED PERIMETER BERM ELEVATION	19.2' NAVD
MINIMUM PROPOSED PERIMETER BERM ELEVATION	19.3' NAVD
MINIMUM CALCULATED FINISHED FLOOR ELEVATION	19.9' NAVD

ALL WORK SHALL CONFORM TO LATEST REVISION OF THE LEE COUNTY UTILITIES DESIGN MANUAL

LOCATIONS OF PROPOSED UTILITY LINES ARE SUBJECT TO MODIFICATION TO PRESERVE EXISTING

EXERCISE CARE TO PROTECT THE ROOTS OF TREES TO REMAIN. WITHIN THE BRANCH SPREAD OF

SUCH TREES, PERFORM ALL TRENCHING BY HAND. OPEN THE TRENCH ONLY WHEN UTILITIES CAN BE

CONTRACTOR TO VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING

WHICH IS ON FILE AT THE DIVISION OF LEE COUNTY UTILITIES OFFICE (1500 MONROE STREET, P.O. BOX

GENERAL UTILITY NOTES:

398, FORT MYERS, FLORIDA 33902).

VEGETATION AS DETERMINED BY ENGINEER.

THOSE SHOWN ON THESE PLANS EXIST.

UNLESS SPECIFICALLY APPROVED BY LCU.

MINIMUM PROPOSED FINISHED FLOOR ELEVATION

- 84 L.F. OF 8' x 5' DOUBLE BOX CULVERT & WINGWALLS

PER FDOT INDEX 289, 290, 291, & 292

45 L.F. OF 8" D.I.P. WATERMAIN

CONNECT TO EX. 8" WATERMAIN

BACK OF THE CURB.

BE INSTALLED PRIOR TO COMPACTION OF THE SUBGRADE.

OF UTILITY RECORD DRAWINGS FOR OWNER PRIOR TO FINAL PAYMENT REQUEST.

CONTRACTOR TO INSTALL CONDUITS FOR LOCATION ON RECORD DRAWINGS.

INSTALLED IMMEDIATELY. PRUNE INJURED ROOTS CLEANLY AND BACKFILL AS SOON AS POSSIBLE. CONTRACTOR SHALL NOTIFY ALL UTILITY PROVIDERS AT LEAST 48 HOURS PRIOR TO THE START OF UNDERGROUND CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE IF UTILITIES OTHER THAN ALL UNDERGROUND UTILITIES LOCATED BENEATH THE STABILIZED PORTION OF THE ROAD BED SHALL FLORIDA GULF COAST UNIVERSITY PARCEL CONTRACTOR TO PROVIDE COORDINATION AND INSTALLATION OF LOCATION PIPES AT ANY CHANGE IN VERTICAL / HORIZONTAL ALIGNMENT AND/OR EVERY 100' ON LINE IN ORDER TO ASSIST IN PREPARATION NO TREES OR SHRUBS SHALL BE PLACED SO AS TO BLOCK ACCESS OR LINE OF SIGHT TO FIRE HYDRANTS PLACED WITHIN LANDSCAPE ISLANDS THROUGHOUT THE PROJECT SITE. PROPOSED FITTINGS ON PRESSURIZED MAINS ARE PLACED AS SHOWN AT BENDS. ADDITIONAL BENDS MAY BE REQUIRED TO BEND MAINS AS SHOWN. IF ANY ADDITIONAL BENDS ARE INSTALLED, CONTRACTOR TO COORDINATE WITH ELECTRIC, TELEPHONE AND CABLE COMPANIES TO ASSURE THAT NO SANITARY SEWER OR WATERLINE SERVICES ARE INSTALLED UNDER PROPOSED A MINIMUM OF 10 FEET HORIZONTAL SEPARATION IS REQUIRED BETWEEN OTHER PUBLIC AND / OR PRIVATE UTILITIES, STRUCTURES, BUILDINGS, WALLS, FOUNTAINS, FENCES AND LCU INFRASTRUCTURE RETENTION AREA 12. TV, CABLE AND PHONE LINES MAY CROSS LCU FACILITIES WITH A MINIMUM OF 12 INCHES OF VERTICAL 4.89 AC BOTTOM ELEV. = 18.80' 13. ELECTRIC POWER CABLES SHALL CROSS LCU FACILITIES WITH A MINIMUM OF 18 INCHES OF VERTICAL (TO BE PERMITTED AS MINOR CHANGE TO DOS2016-00008) 14. CONTRACTOR TO PROVIDE 5' OF HORIZONTAL SEPARATION BETWEEN ALL PORTIONS OF THE PROPOSED WATERMAIN AND WATERMAIN BENDS, TO ALL MITERED ENDS, RCP, CATCH BASINS, AND THE PLUGGED FOR **FUTURE CONNECTI** 1,645 L.F. OF 8" WATERMAIN EARTHEN WEIR (SEE DETAIL SHEET C6.0) \_\_\_ 100' INGRESS, EGRESS, AND 20.8' NAVD MIROMAR LAKES MIROMAR LAKES 8" WATERMAIN

CENTERPLACE

CIVIL ENGINEERING - LAND SURVEYING LAND PLANNING - LANDSCAPE DESIGN

www.barraco.net

2271 McGREGOR BLVD., SUITE 100 POST OFFICE DRAWER 2800 FORT MYERS, FLORIDA 33902-2800 PHONE (239) 461-3170 FAX (239) 461-3169

FLORIDA CERTIFICATES OF AUTHORIZATION ENGINEERING 7995 - SURVEYING LB-6940

SCALE IN FEET

PREPARED FOR

# ALICO WEST FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

> PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

CONNECTOR **ROAD** 

PART OF SECTION 13 TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

ENGINEER OF RECORD

WESLEY S. KAYNE, P.E., FOR THE FIRM FLORIDA P.E. NO. 80507 - WESK@BARRACO.NET

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PLOT DATE TUE. 9-6-2016 - 10:51 AM

PLOT BY WES KAYNE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

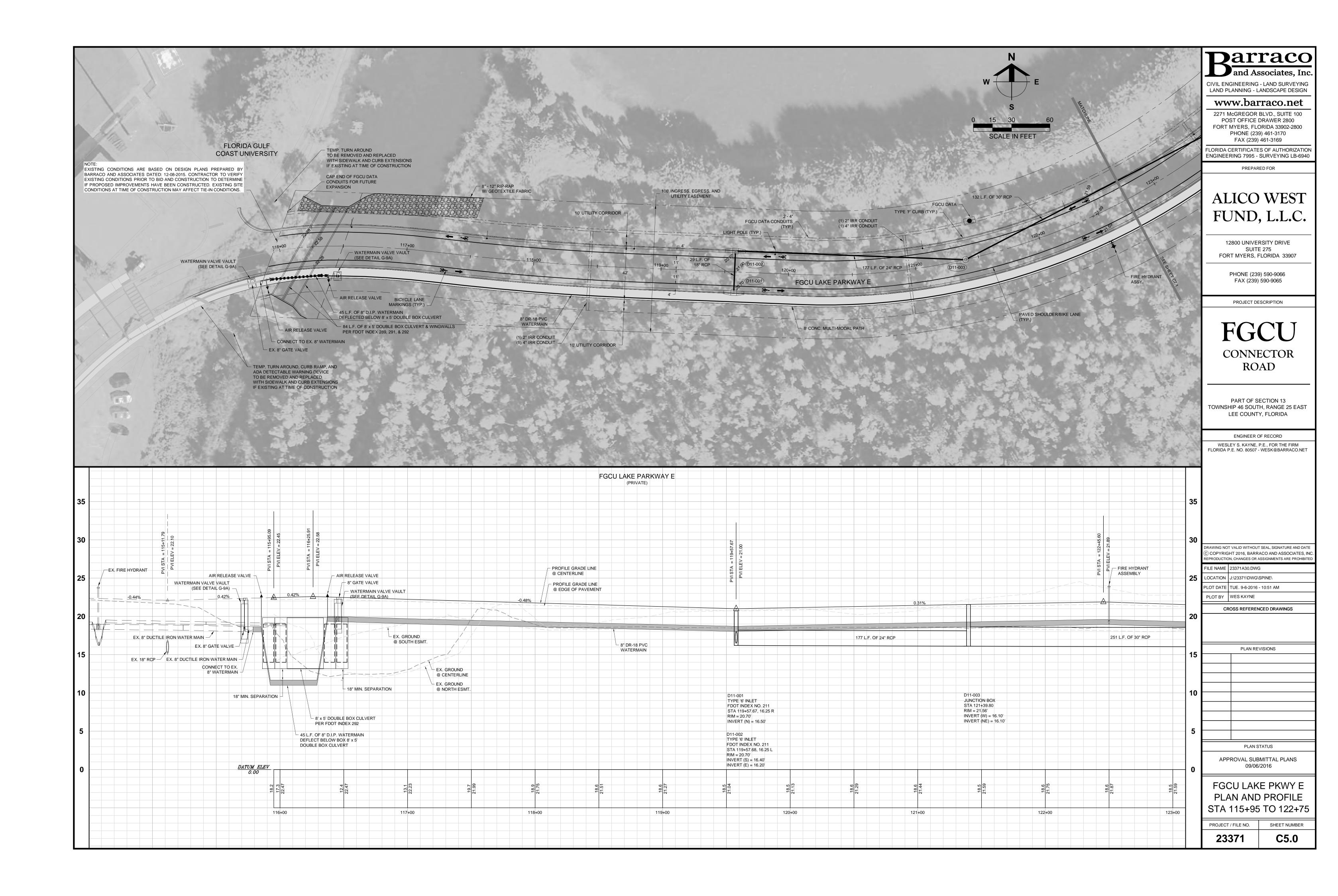
PLAN STATUS

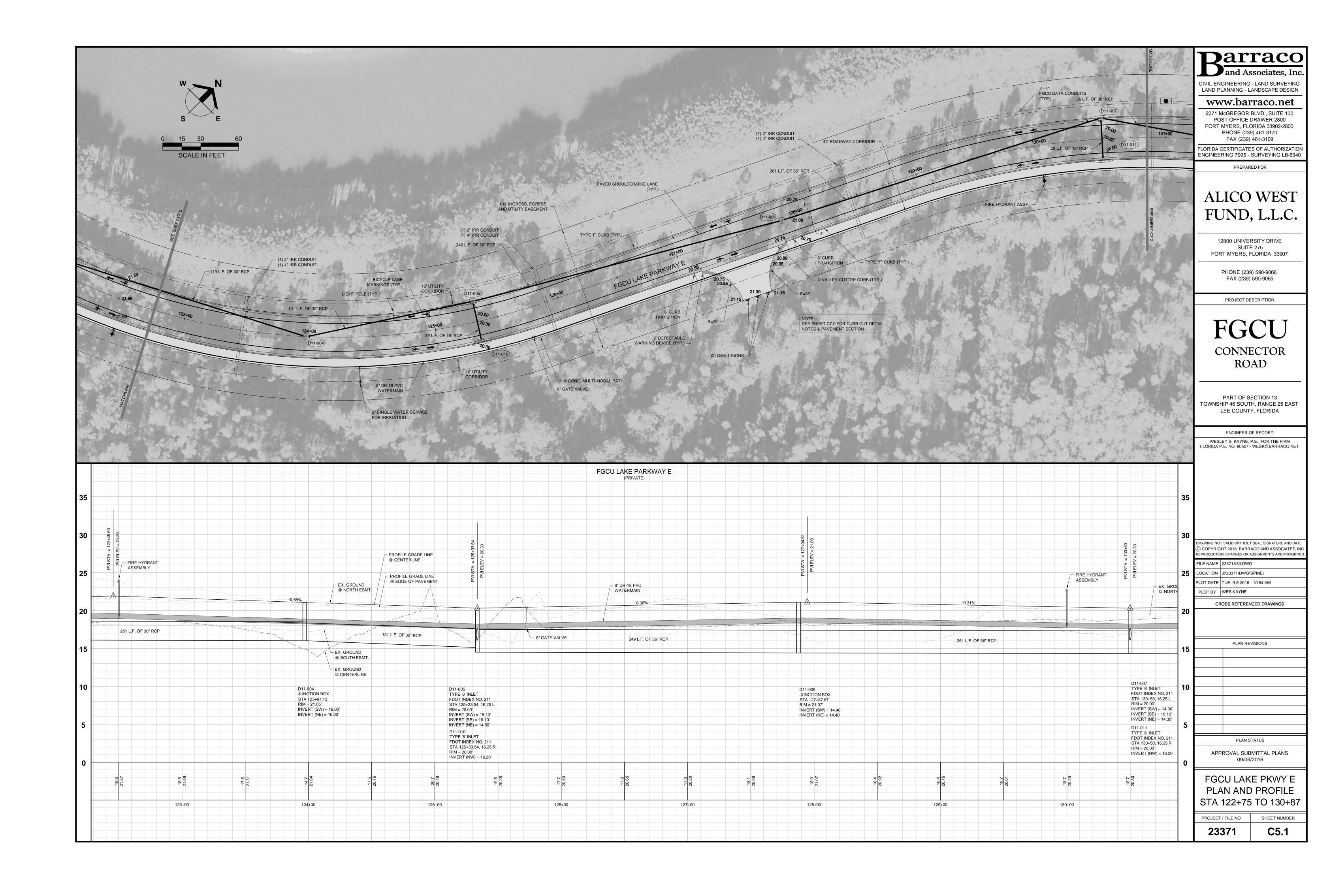
APPROVAL SUBMITTAL PLANS 09/06/2016

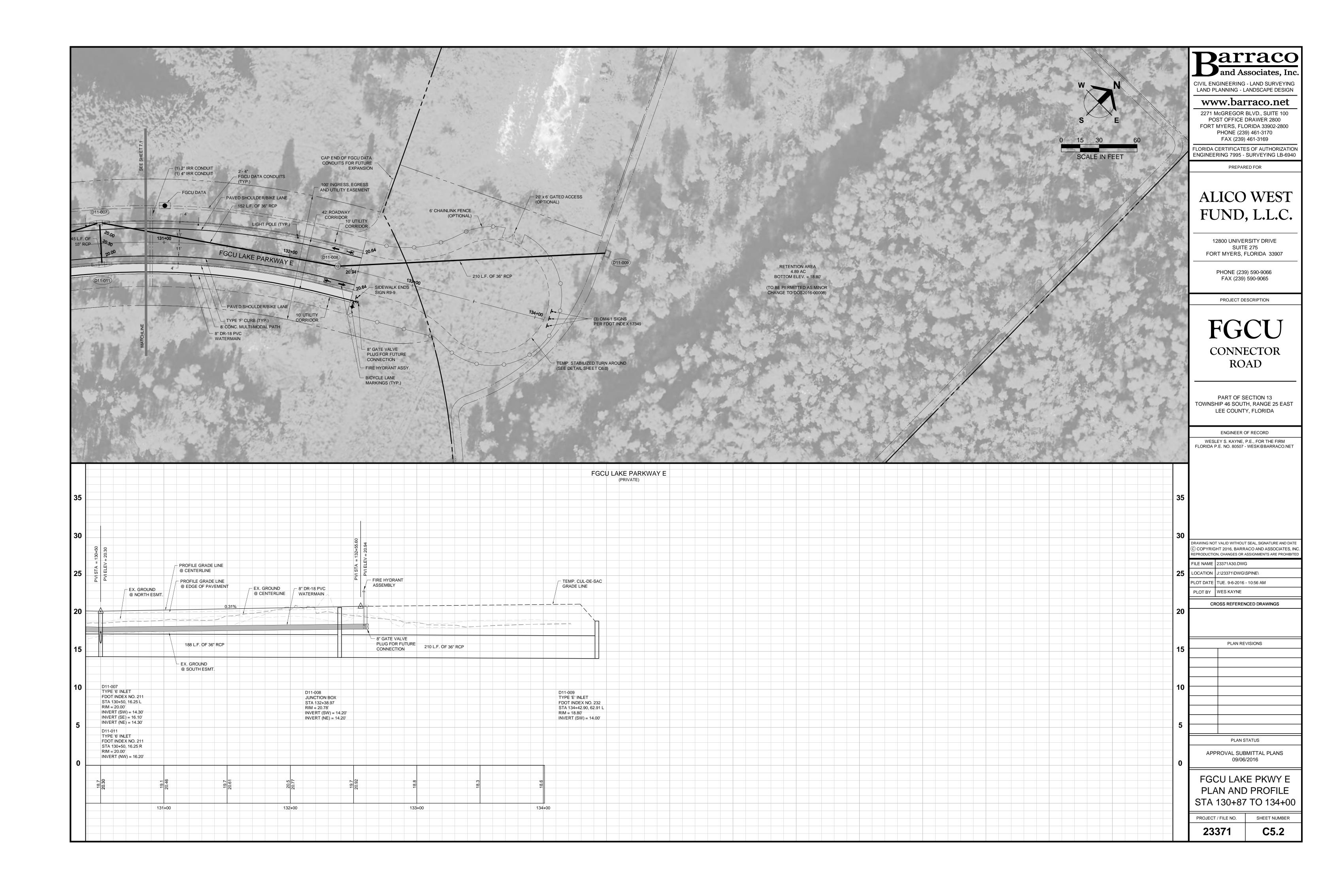
MASTER SITE, DRAINAGE, AND UTILITY PLAN

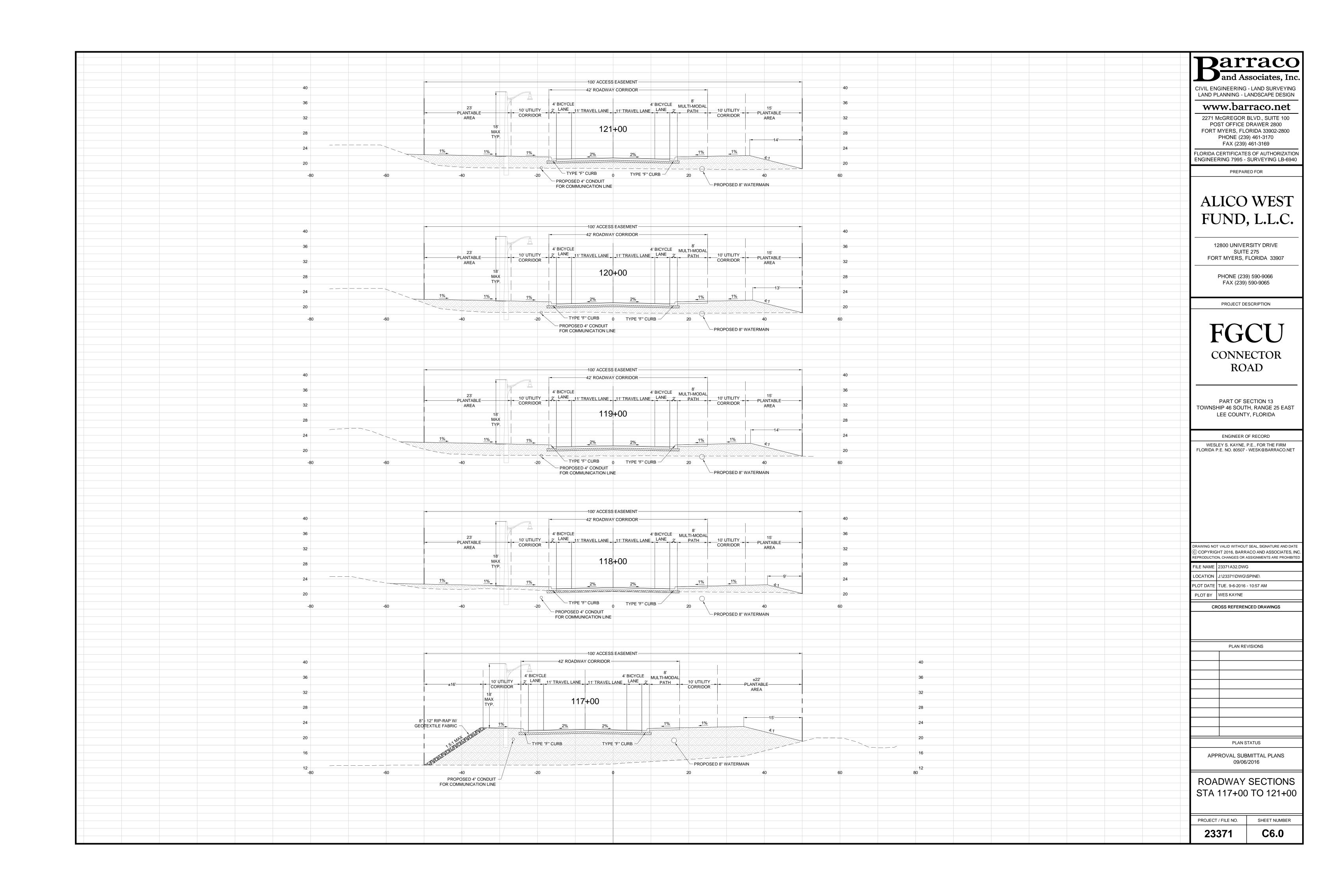
SHEET NUMBER PROJECT / FILE NO.

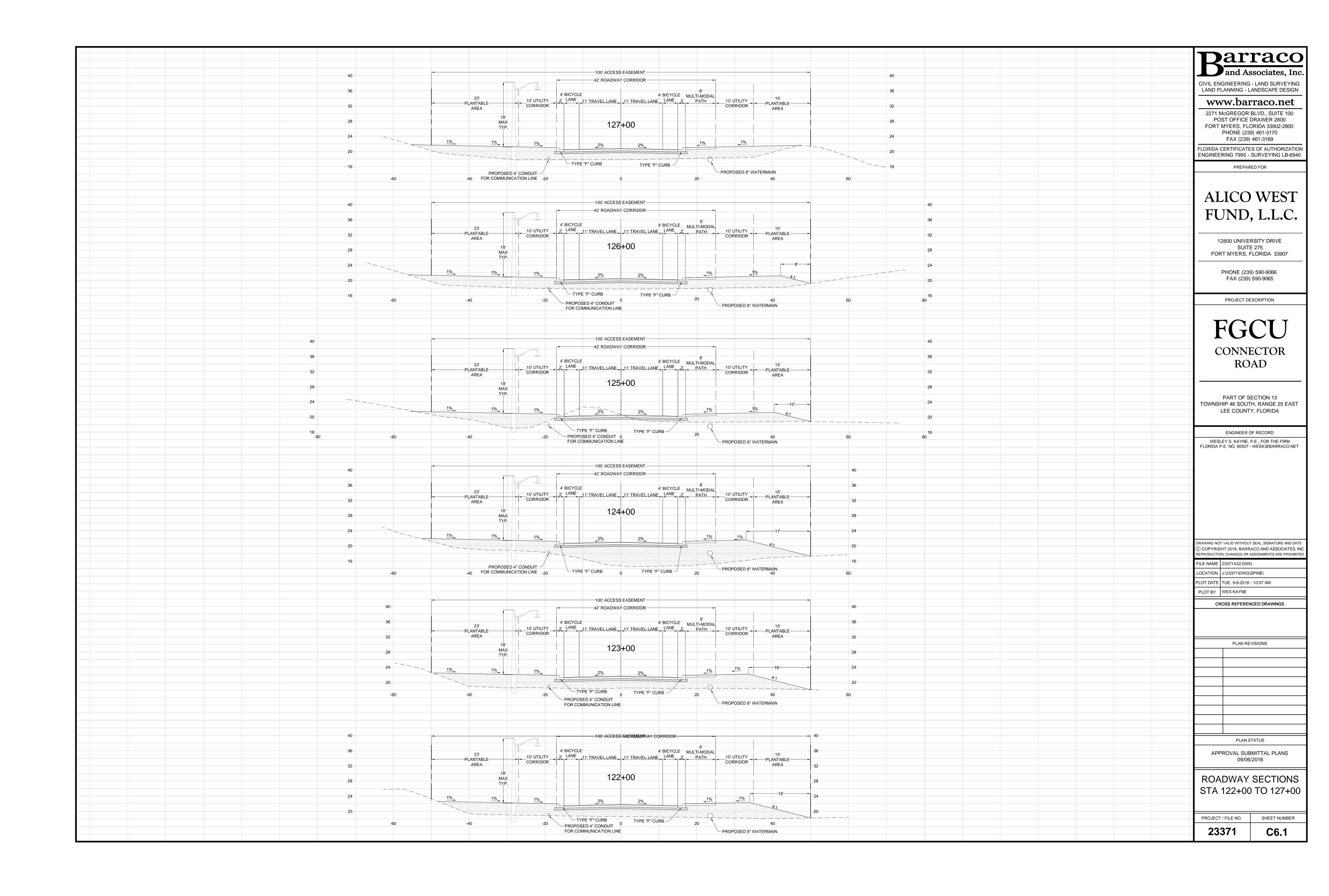
23371 C4.0

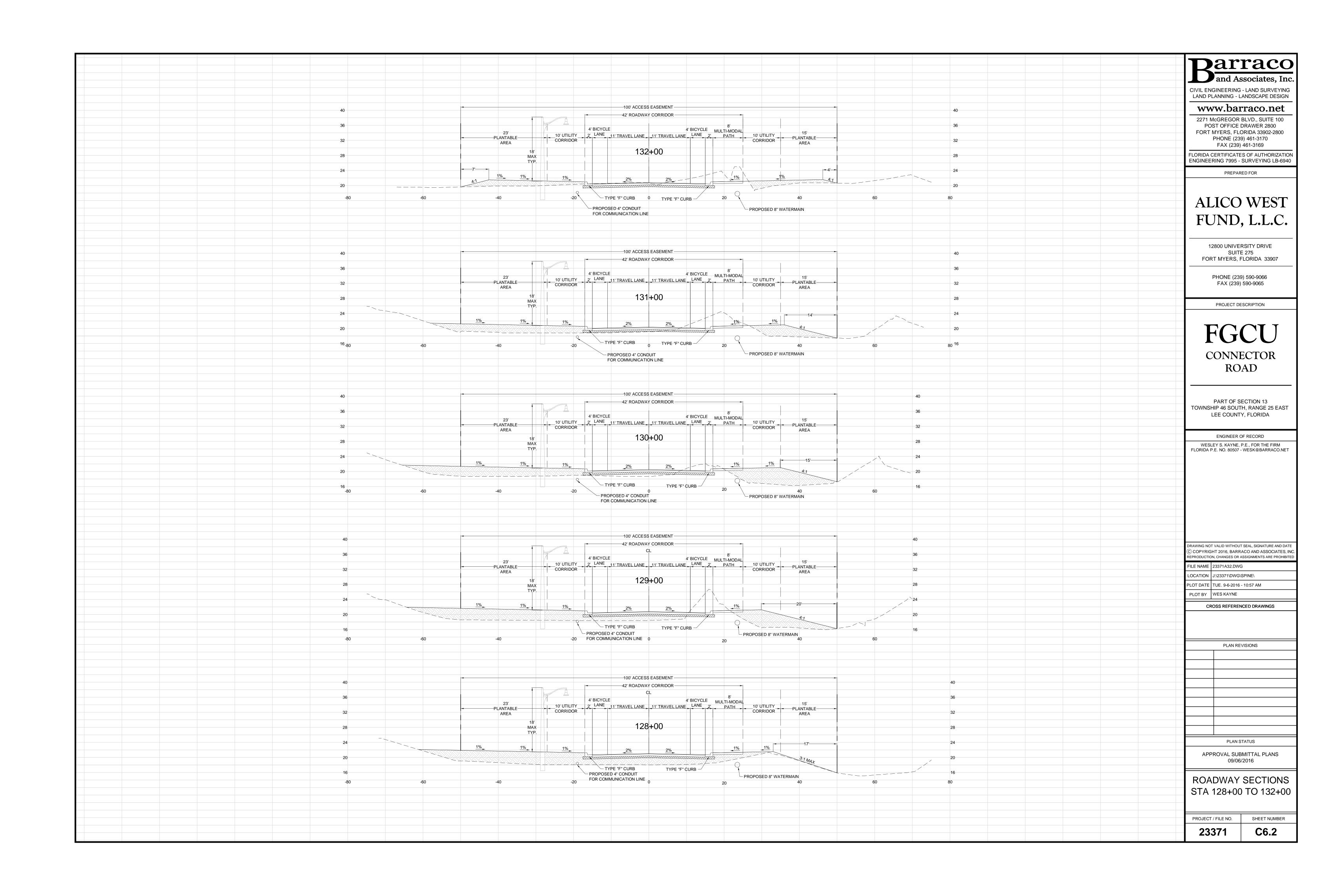


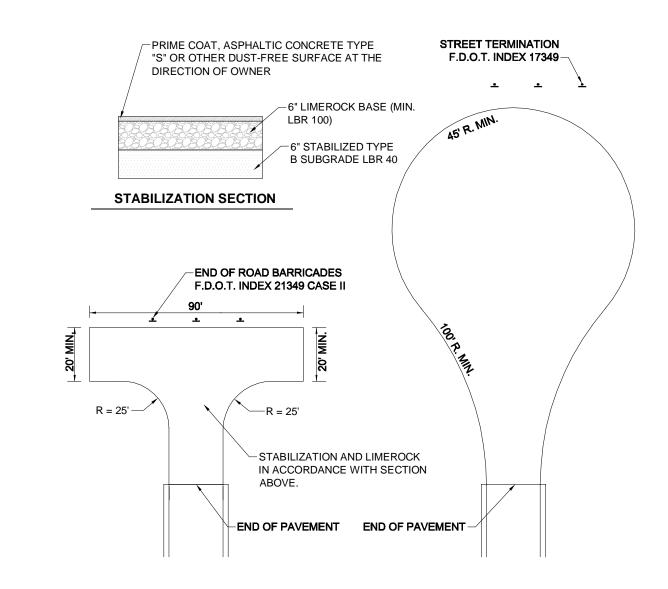




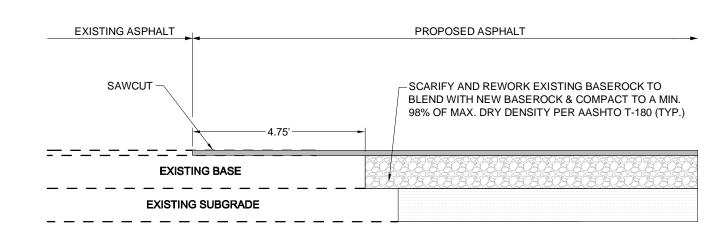








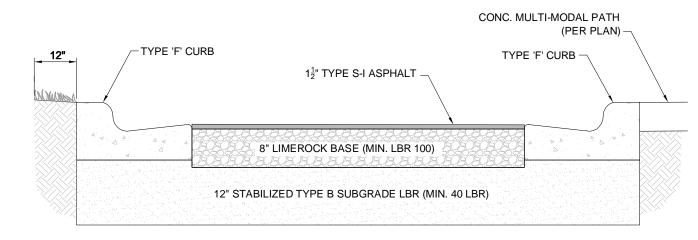
# **TEMPORARY TURN AROUND**



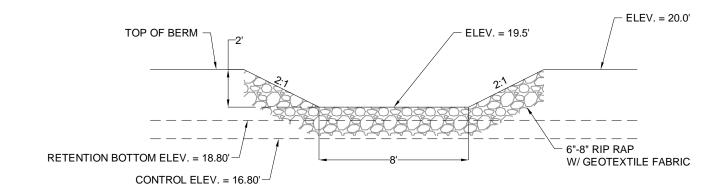
### **SAWCUT AND MATCH**

**NOTES** 

1. LIMEROCK BASE AND STABILIZED SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 98% OF MODIFIED PROCTOR (AASHTO T-180).

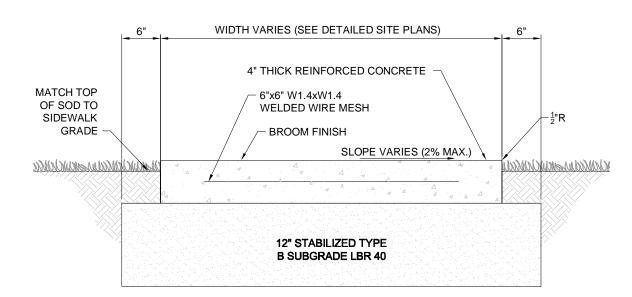


TYPICAL PAVEMENT SECTION

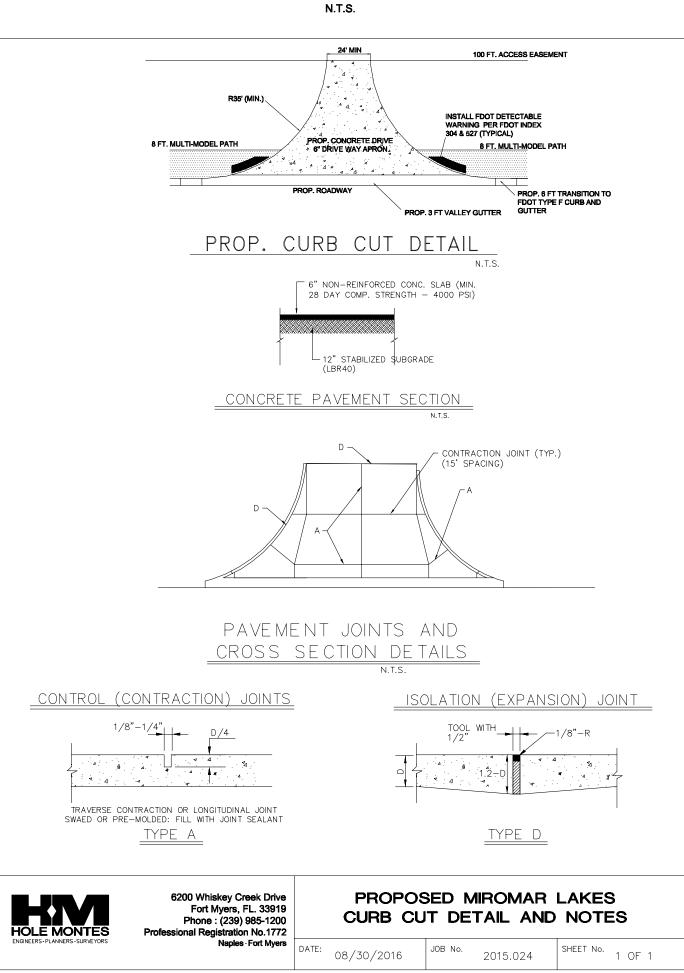


### **EARTHEN WEIR DETAIL**

- 1. PAVER BRICKS MAY BE UTILIZED IN PLACE OF CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR PAVER BRICK LOCATIONS, THICKNESS, SIZE, COLOR, PATTERN, AND SPECIFICATIONS. PAVER BRICK SEALANT OR REPELLANT MAY BE USED AT THE OWNER'S DISCRETION.
- 2. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. AT 28 DAYS.
- 3. SIDEWALK SHALL HAVE CONTRACTION JOINTS AT 5" INTERVALS AND AN EXPANSION JOINT EVERY 100'.
- 4. MAXIMUM LONGITUDINAL SLOPE FOR DISABLED ACCESSIBLE SIDEWALK SHALL BE 1:20. 5. TOP OF SOD TO BE FLUSH WITH SIDEWALK TO PROVIDE POSITIVE SLOPE TO PREVENT PONDING.
- 6. FIBER REINFORCEMENT MAY BE SUBSTITUTED FOR WIRE MESH REINFORCEMENT AT THE DISCRETION
- 7. COST OF STABILIZED SUBGRADE FOR SIDEWALK TO BE INCLUDED IN UNIT COST FOR SIDEWALK.

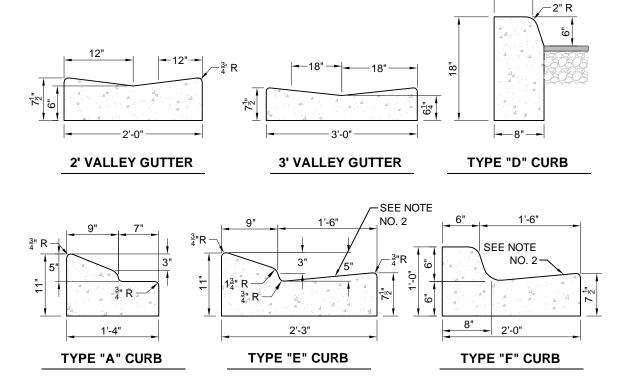


# **CONCRETE SIDEWALK**



MIROMAR LAKES CURB CUT DETAIL AND NOTES PROVIDED BY HOLE MONTES HAS BEEN REVIEWED BY ENGINEER OF RECORD AND DETERMINED SUITABLE FOR USE AT STATION 127+50 DRIVEWAY.

- 1. SEE F.D.O.T. DESIGN STANDARDS INDEX 300 FOR ADDITIONAL DETAILS.
- 2. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.
- 3. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI. WITHIN 28 DAYS UNLESS NOTED

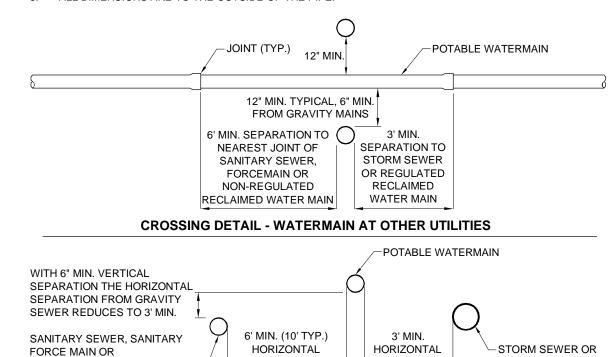


# **CONCRETE CURB**

- 1. THE REFERENCED UTILITY SEPARATIONS ARE IN ACCORDANCE WITH F.D.E.P. CHAPTER 62-555. SEE UTILITY DETAILS, SPECIFICATIONS OR DETAILED CONSTRUCTION PLANS FOR ADDITIONAL SEPARATION REQUIREMENTS OF THE LOCAL UTILITY PROVIDER.
- 2. WHERE POSSIBLE THE POTABLE WATERMAIN SHALL CROSS ABOVE ANY SANITARY SEWER, STORM SEWER, FORCEMAIN OR RECLAIMED WATER LINES.
- 3. ALL DIMENSIONS ARE TO THE OUTSIDE OF THE PIPE.

NON-REGULATED RECLAIMED

WATER MAIN



### **UTILITY SEPARATION**

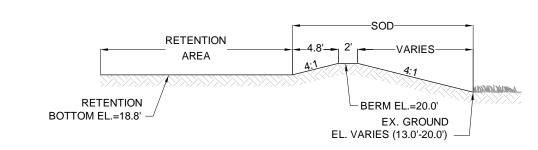
PARALLEL UTILITY LINES

SEPARATION

REGULATED

RECLAIMED WATER

SEPARATION



#### RETENTION AREA TO EXISTING GROUND

NOT TO SCALE

# Darraco

CIVIL ENGINEERING - LAND SURVEYING LAND PLANNING - LANDSCAPE DESIGN

### www.barraco.net

2271 McGREGOR BLVD., SUITE 100 POST OFFICE DRAWER 2800 FORT MYERS, FLORIDA 33902-2800 PHONE (239) 461-3170 FAX (239) 461-3169

FLORIDA CERTIFICATES OF AUTHORIZATION ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

# **ALICO WEST** FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

> PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

# CONNECTOR **ROAD**

PART OF SECTION 13 TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

ENGINEER OF RECORD WESLEY S. KAYNE, P.E., FOR THE FIRM

FLORIDA P.E. NO. 80507 - WESK@BARRACO.NET

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EPRODUCTION, CHANGES OR ASSIGNMENTS ARE PROHIBITED

FILE NAME 23371A34.DWG

LOCATION J:\23371\DWG\SPINE\ PLOT DATE TUE. 9-6-2016 - 10:58 AM

PLOT BY WES KAYNE

CROSS REFERENCED DRAWINGS

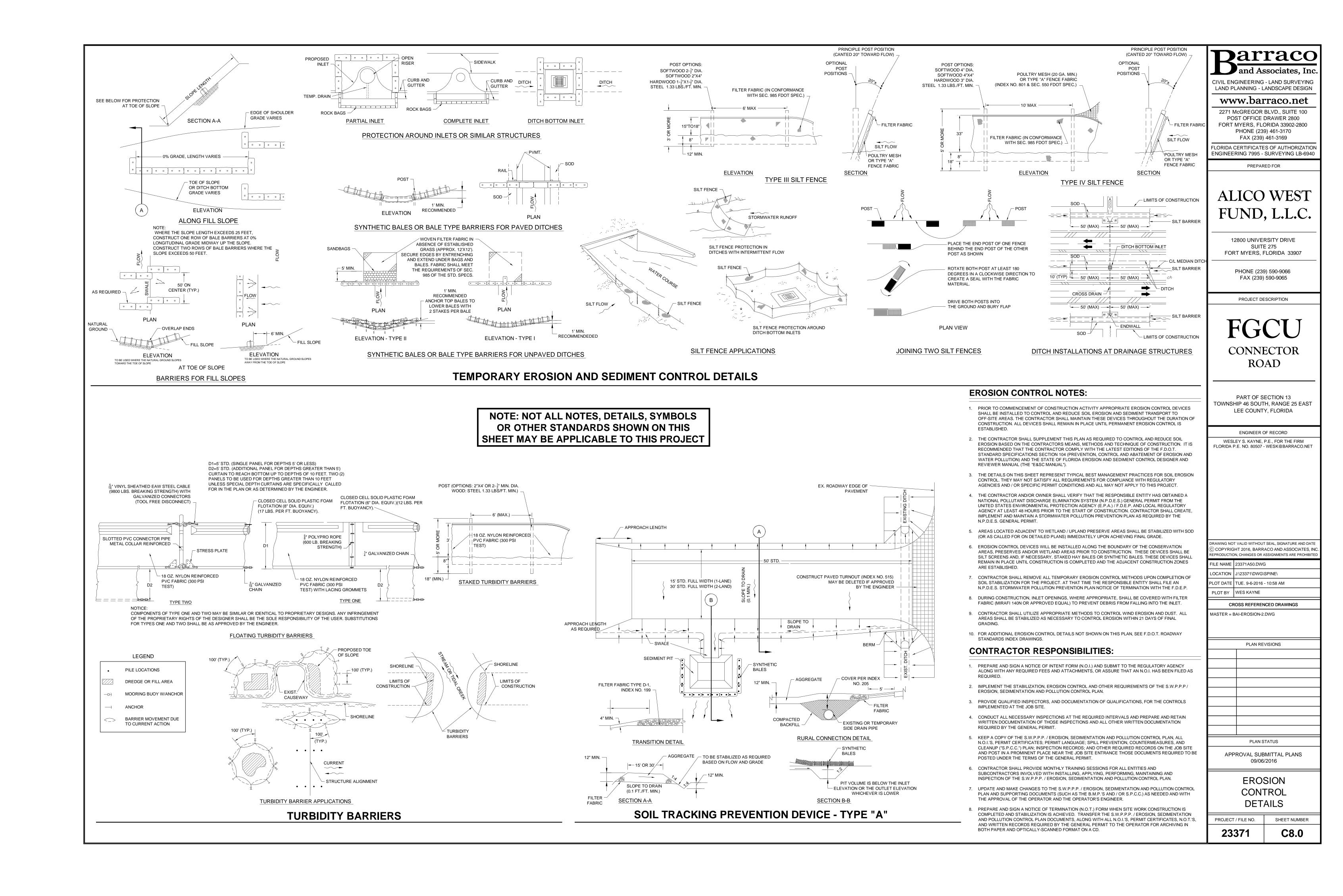
PLAN REVISIONS

PLAN STATUS

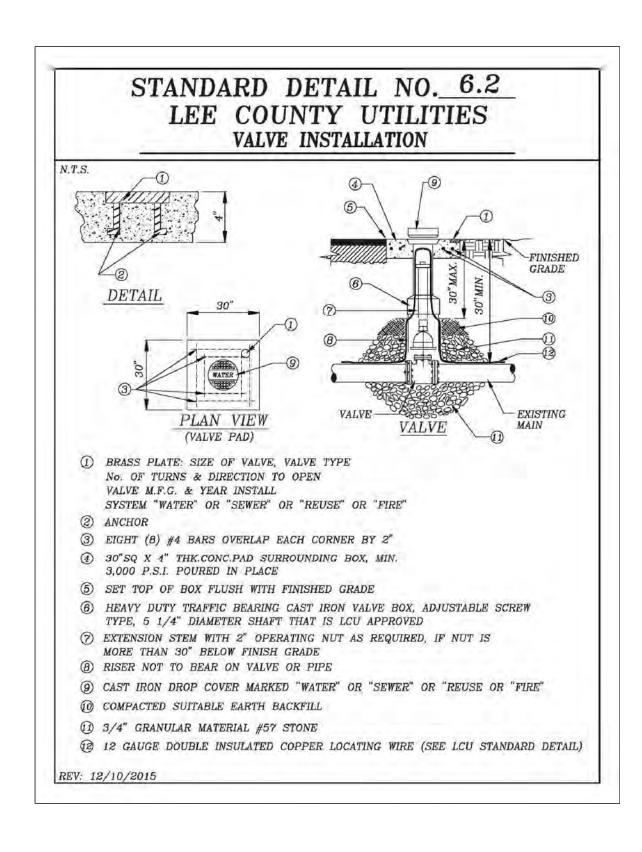
APPROVAL SUBMITTAL PLANS 09/06/2016

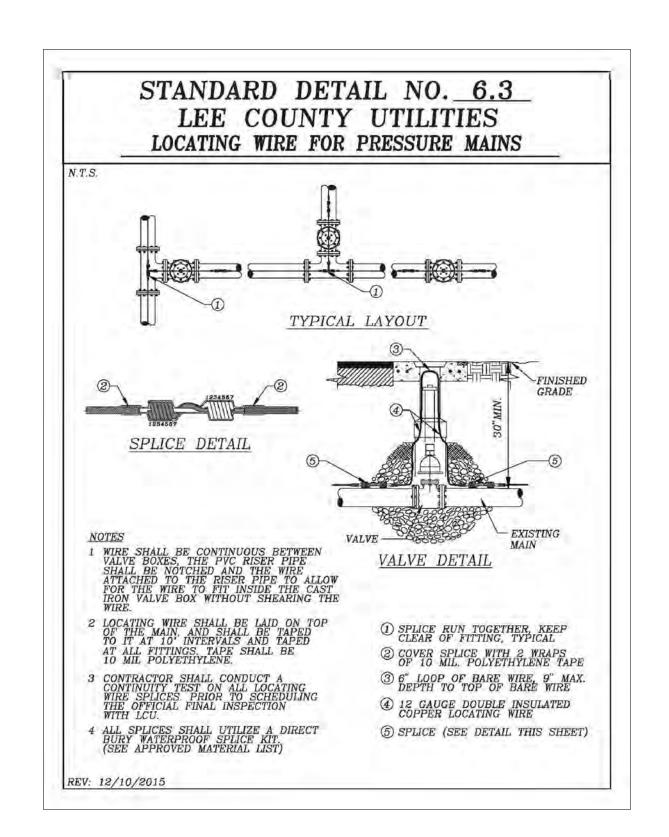
TYPICAL SECTIONS, PAVING, AND DRAINAGE **DETAILS** 

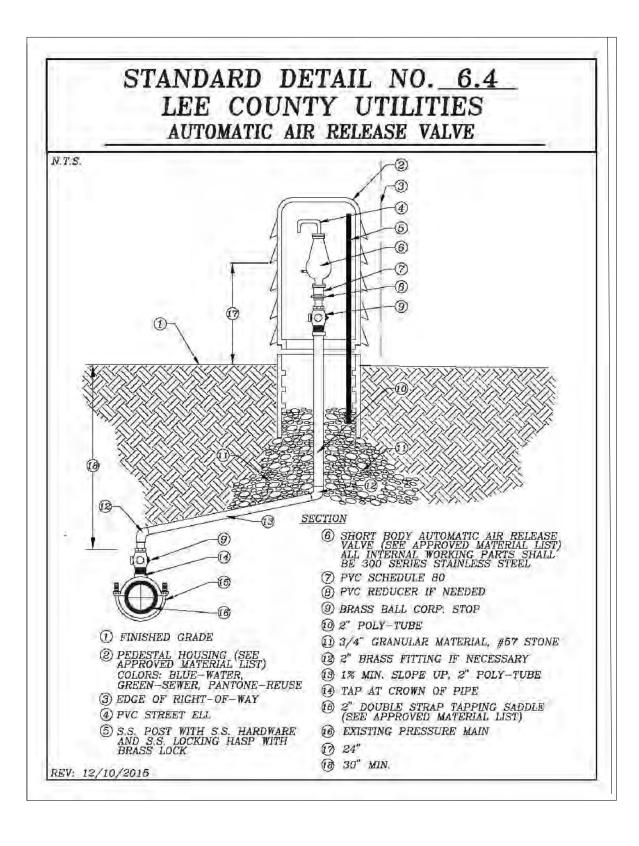
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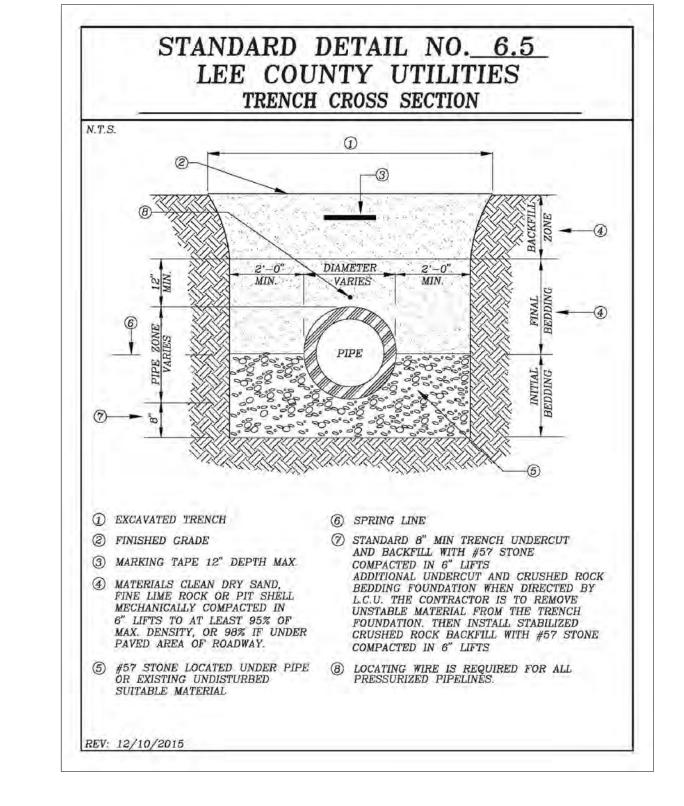


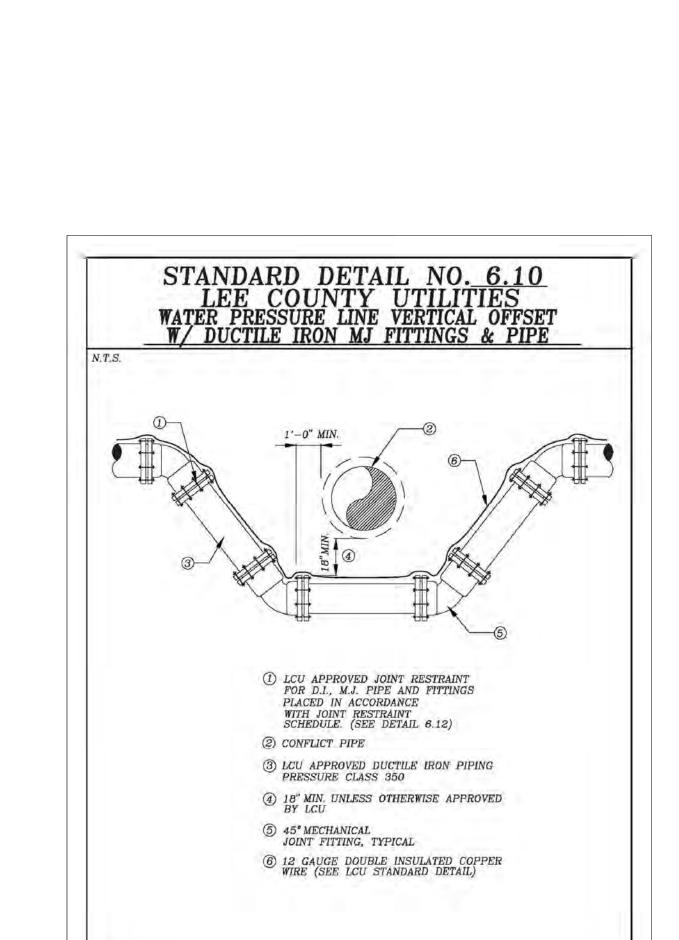


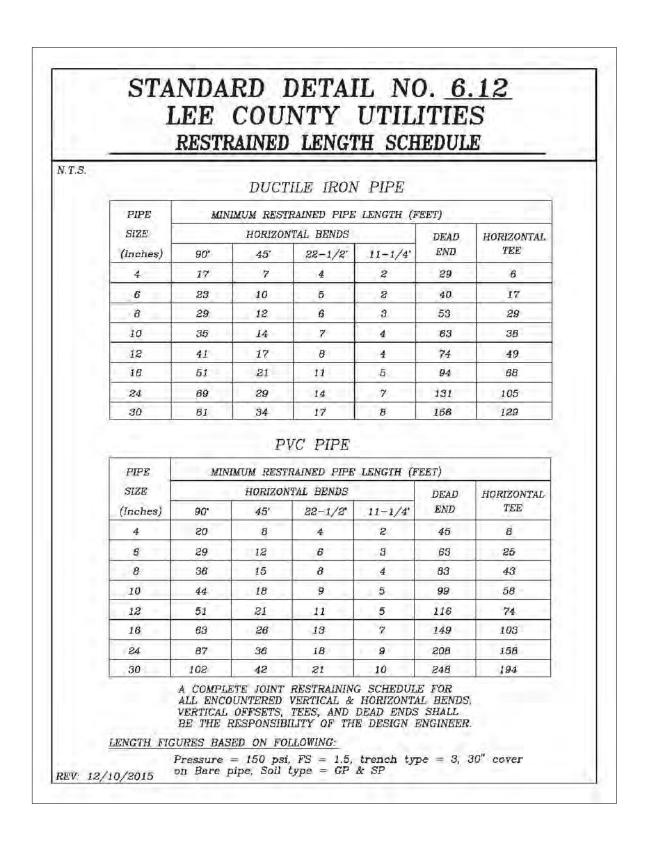


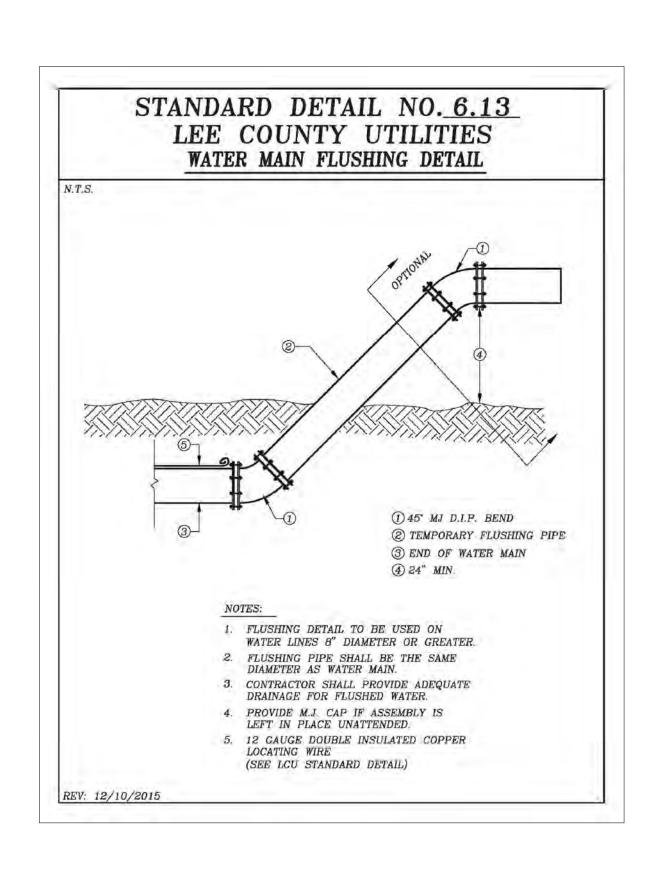


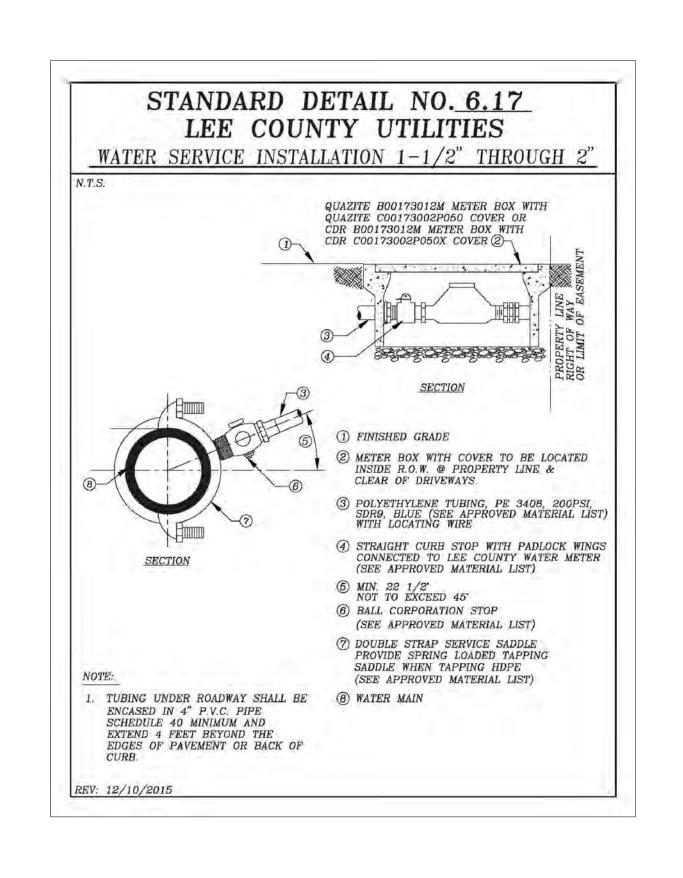












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FAX (239) 461-3169

FLORIDA CERTIFICATES OF AUTHORIZATION

ENGINEERING 7995 - SURVEYING LB-6940
PREPARED FOR

# ALICO WEST FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

# FGCU CONNECTOR

**ROAD** 

PART OF SECTION 13

TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

ENGINEER OF RECORD

WESLEY S. KAYNE, P.E., FOR THE FIRM
FLORIDA P.E. NO. 80507 - WESK@BARRACO.NET

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FILE NAME 23371A70.DWG

LOCATION J:\23371\DWG\SPINE\

PLOT DATE TUE. 9-6-2016 - 10:59 AM
PLOT BY WES KAYNE

CROSS REFERENCED DRAWINGS

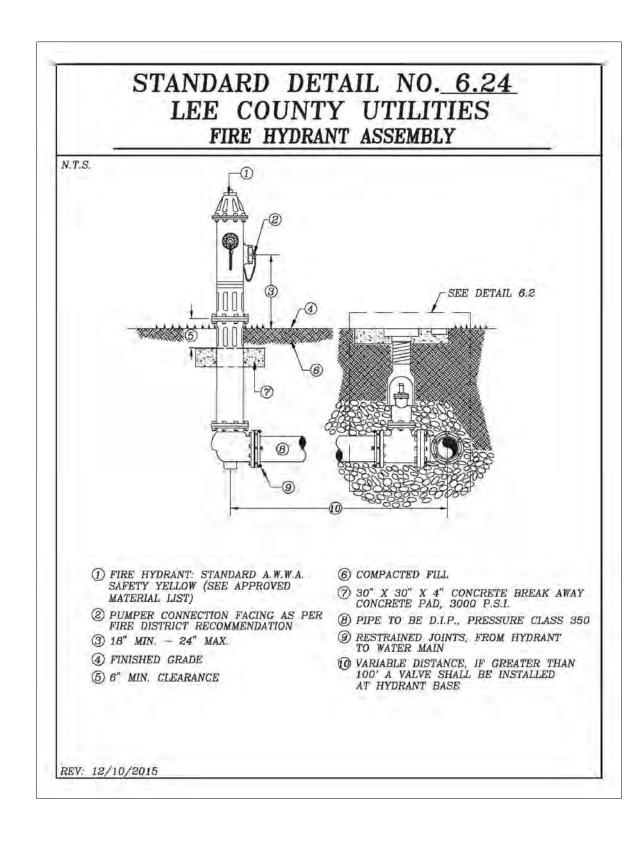
PLAN REVISIONS

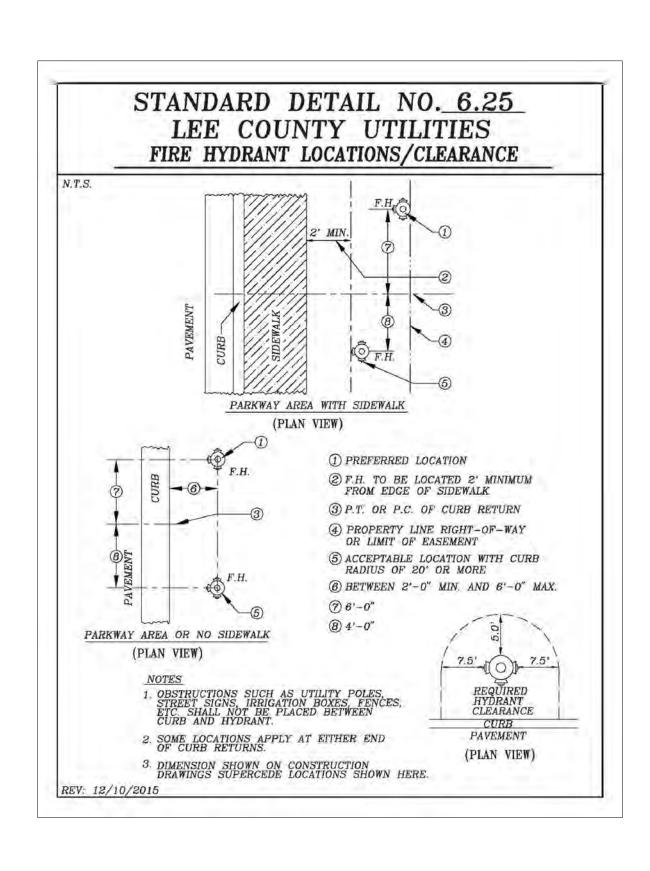
PLAN STATUS

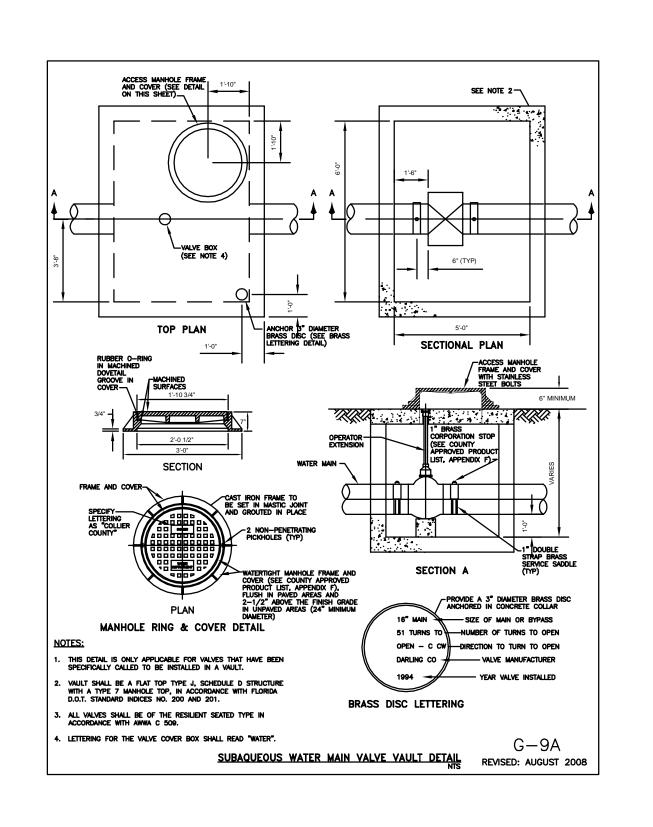
APPROVAL SUBMITTAL PLANS 09/06/2016

UTILITY DETAILS

23371 C10.0







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CIVIL ENGINEERING - LAND SURVEYING LAND PLANNING - LANDSCAPE DESIGN

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FLORIDA CERTIFICATES OF AUTHORIZATION ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

# ALICO WEST FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

> PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

# FGCU CONNECTOR

CONNECTOR ROAD

PART OF SECTION 13 TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

ENGINEER OF RECORD

WESLEY S. KAYNE, P.E., FOR THE FIRM FLORIDA P.E. NO. 80507 - WESK@BARRACO.NE

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FILE NAME 23371A70.DWG

LOCATION J:\23371\DWG\SPINE\
PLOT DATE TUE. 9-6-2016 - 10:59 AM

PLOT BY WES KAYNE

CROSS REFERENCED DRAWINGS

PLAN REVISIONS

PLAN STATUS

APPROVAL SUBMITTAL PLANS 09/06/2016

UTILITY DETAILS

PROJECT / FILE NO. SHEET NUMBER

23371 C10.1

# K705 Chicago Jr.

A 3/4 scaled version of the K805, the K705 Chicago Jr. offers a traditional, shrouded pendant designed to be used on its own in a street or area lighting system, or in combination with its matching K800 luminaire. This allows both roadway and pedestrian concerns to be individually met without any compromise.

#### Features:

·Choice of high performance LED or HID optical systems

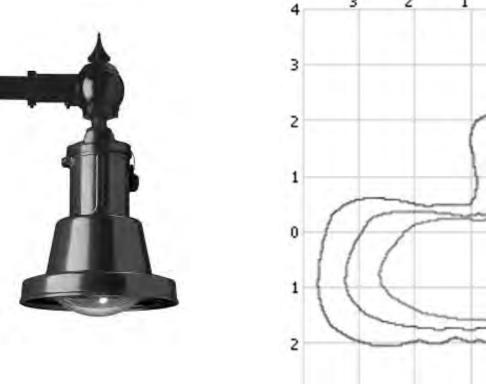
·Various photo control options available

·Choice of glass or acrylic lenses (flat, sag, shallow and deep dish)

Opticlean™ sealed optical chamber for superior photometric and energy efficiency

·Hinged top for tool-free access and easy maintenance

·Numerous design features including plumbizers and decorative arms available



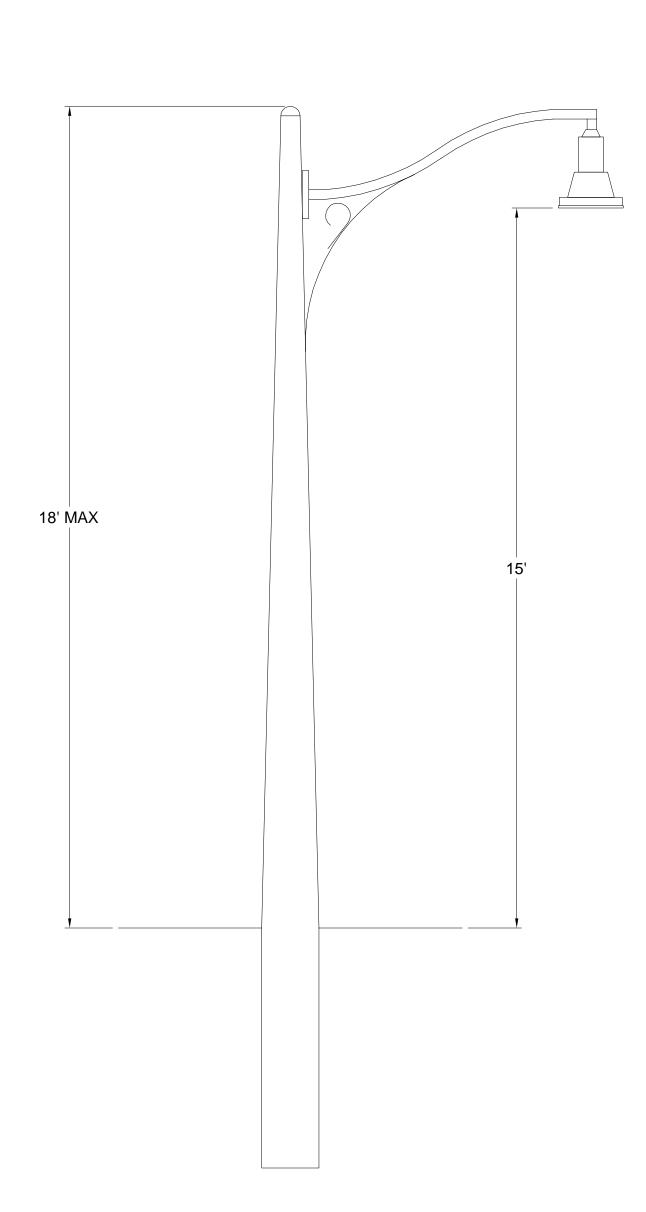
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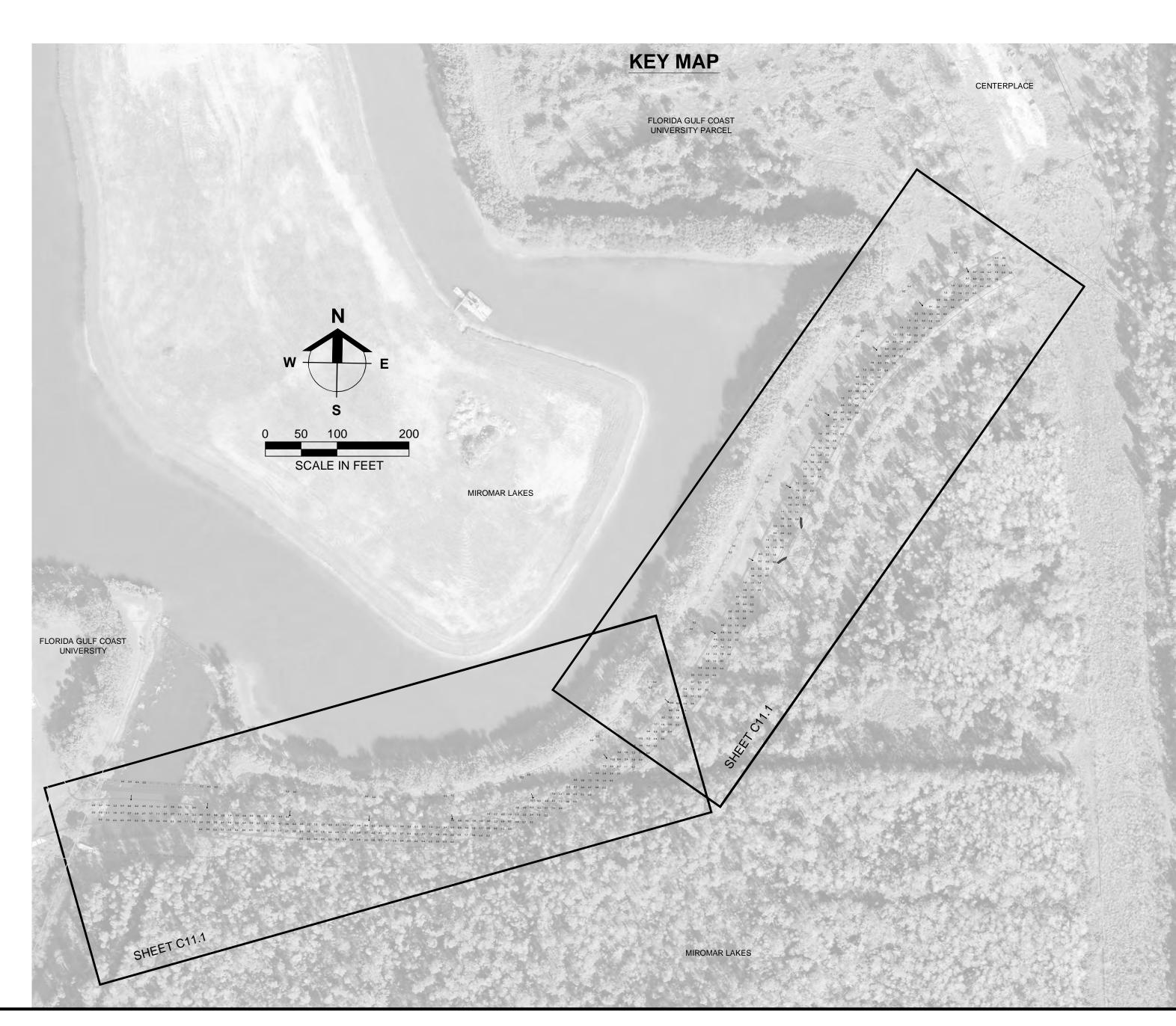
Distance in units of mount height (15ft) --- Max Cd

**Isofootcandle Plot** 

	LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	DESCRIPTION	LUMENS/LAMP	LLF			
-	15	700SP4FL310045	K700-P4FL-III-100(SSL)-7030	8150	1.000			

NUMERIC SUMMARY										
LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN			
ROADWAY	ILLUMINANCE	Fc	1.9	10.8	0.2	9.4	54.0			
NORTH BOUNDARY	ILLUMINANCE	Fc	0.1	0.4	0.0	N.A.	N.A.			
SOUTH BOUNDARY	ILLUMINANCE	Fc	0.0	0.0	0.0	N.A.	N.A.			





# Parraco and Associates Inc.

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# www.barraco.net

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FLORIDA CERTIFICATES OF AUTHORIZATION ENGINEERING 7995 - SURVEYING LB-6940

PREPARED FOR

# ALICO WEST FUND, L.L.C.

12800 UNIVERSITY DRIVE SUITE 275 FORT MYERS, FLORIDA 33907

> PHONE (239) 590-9066 FAX (239) 590-9065

PROJECT DESCRIPTION

# FGCU CONNECTOR ROAD

PART OF SECTION 13 TOWNSHIP 46 SOUTH, RANGE 25 EAST LEE COUNTY, FLORIDA

ENGINEER OF RECORD

WESLEY S. KAYNE, P.E., FOR THE FIRM
FLORIDA P.E. NO. 80507 - WESK@BARRACO.NET

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CROSS REFERENCED DRAWINGS

RAWING NOT VALID WITHOUT SEAL, SIGNATURE AND DATE

# LOCATION J:\23371\DWG\SPINE\ PLOT DATE TUE. 9-6-2016 - 11:05 AM

PLOT BY WES KAYNE

BASEPLAN = 23371A00.DWG

SURVEY = 23329S00.DWG

PLAN REVISIONS

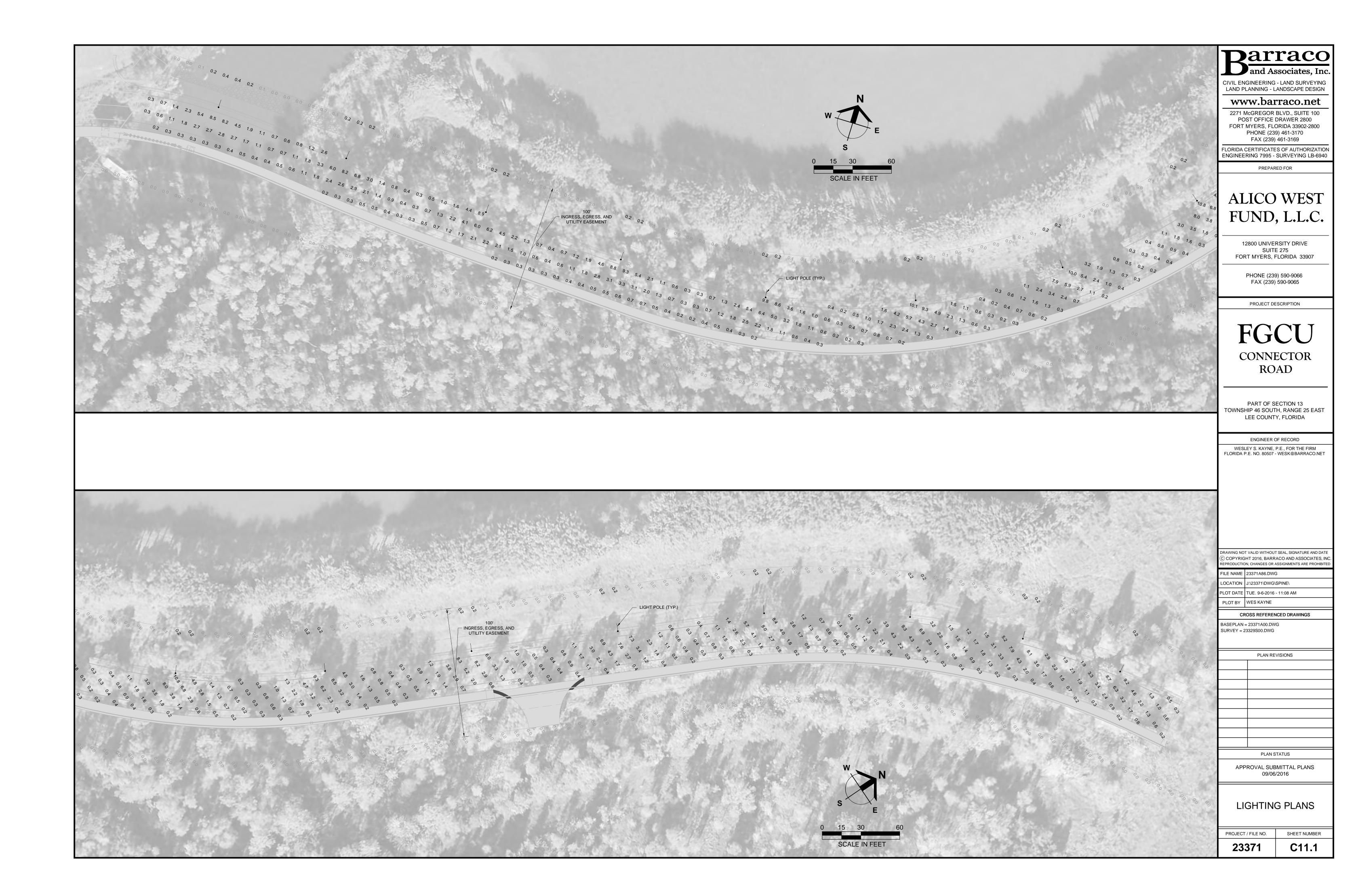
PLAN STATUS

APPROVAL SUBMITTAL PLANS 09/06/2016

LIGHTING PLAN KEY MAP & DETAILS

PROJECT / FILE NO. SHEET NUMBER

23371 C11.0





Civil Engineering/Roadway & Highway Design Coastal Engineering Code Enforcement

Construction Engineering & Inspection (CEI)

Construction Services

Contract Government Services

Data Technologies & Development

Electrical Engineering Emergency Management

Engineering

Environmental Services Facilities Management

Geographic Information

Systems (GIS)

Indoor Air Quality Land Development

Landscape Architecture

Municipal Engineering

Planning

Redevelopment

Surveying & Mapping

Traffic Engineering

Transportation Planning

Urban Design

Water/Wastewater

Treatment Facilities

Website Development/ Computer Graphics

GSA Contract Holder

1800 Eller Drive Suite 600 Fort Lauderdale, FL 33316 954.921.7781 phone 954.921.8807 fax

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#### Memorandum

Date: September 1, 2016

To: James P. Ward- District Manager

From: Bruce Bernard - Field Manager

Paul Cusmano – Asset Manager

Subject: Miromar Lakes CDD

Asset Management Report-August 2106

CGA Project # 14-7438

#### Lake Maintenance

GHD has performed second quarterly samplings from within Lake 5 and the outfall structure within Lake 3, adjacent to I-75. The results have been shared with ML Development with regards to the SFWMD permit requirements. The sample results indicate that the nitrites and phosphorus levels in the lake water are within the targeted range, and the total suspended solids have improved (decreased). A copy of test results is attached.

The lake bank erosion restoration efforts budgeted through the CDD's Capital Improvements Program have commenced in the Verona Lago subdivision. The CDD's contractor (Greg Orick Marine Construction) has been issued a purchase order, and is presently obtaining the required permits to begin the repairs to the rip-rap lake bank properties where soil erosion has impacted the slopes within that subdivision. These repairs were deemed necessary by the CDD to be in compliance with the SFWM permits.

Phase 1 of the wetland plantings and barrier installations has been completed within the southeast section of Lake 5, and within the Portofino subdivision. Installations included 1,800 linear feet of barrier, 2200 wetland plantings, 15

**JACKSONVILLE** 

FORT LAUDERDALE WEST PALM BEACH PORT ST. LUCIE HOMESTEAD TAMPA / CLEARWATER



wetland trees, and project signage. See attached plantings photos of the portion within Lake 5.

#### **Landscape Maintenance**

Plant material for screening purposes was installed within the Ben Hill Griffin Parkway corridor on the west side of the berm adjacent to the St. Mortiz and Tivoli subdivisions. The material included twenty-three (23) 25 gallon Viburnum plants, and was installed in the area(s) that has exposure to the residential properties from the parkway. These initial plantings will be supplemented with additional landscaping improvements that are detailed within the landscape leaflet presented to the Board at last month's meeting. The supplemental landscape improvements for these St. Mortiz and Tivoli subdivisions have tentatively been scheduled for October 2018.

CDD staff along with Tammy Cook, Landscape Architect, has prepared a Landscaping Capital Improvement program for CDD properties. This program is based on a priority list prepared by staff. The program can begin after budget concerns arising from the Alico agreement and SFWM permit violation notice elements are addressed. See attached Landscaping Capital Program Budget

The Board recently awarded a contract extension in June to Estate Landscaping, Inc. with a caveat of reviewing the vendor's performance concerning the improvement of the landscaped areas currently being maintained by the vendor within a timeframe of between ninety (90) and one hundred and twenty (120) days. CDD Staff, after the extension was granted, met with Estate Landscaping and informed them of the dissatisfaction with their service(s) from both the Board and Staff level with respect to the past condition and performance levels for our site's landscape maintenance. Estate Landscaping was notified that the CDD is requiring a higher landscape standard be maintained throughout all of CDD owned properties.

Presently it has been observed that Estate Landscaping has continued to perform on the same status quo level as in the past, and is re-active rather than pro-active to issues concerning landscape matters on CCD maintained areas. CDD Staff at this time would recommend the rebidding of the CDD Landscape Maintenance contract to commence in January 2017. CDD Staff has had the bid documents reviewed both internally and by a Landscape Architect to enhance

Civil Engineering/Roadway & Highway Design Coastal Engineering Code Enforcement Construction Engineering & Inspection (CEI) Construction Services Contract Government Services Data Technologies & Development **Electrical Engineering Emergency Management** Engineering **Environmental Services** Facilities Management Geographic Information Systems (GIS) Indoor Air Quality Land Development Landscape Architecture Municipal Engineering Planning

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FORT LAUDERDALE WEST PALM BEACH PORT ST. LUCIE HOMESTEAD TAMPA / CLEARWATER JACKSONVILLE



the language in the fertilization, pruning and irrigation sections, and also included the public records dialect.

Staff has contacted commercial landscape maintenance companies, and has multiple vendors awaiting the rebid opportunity that can be brought before the board at the November 2016 meeting. Staff feels, through conversations with a number of the companies, that the landscape maintenance contract will increase between five (5) to eighteen (18) percent over its present budgeted amount of \$440,000 per this fiscal year.

#### **Stormwater Maintenance**

Water levels both in the retention areas and lakes have been considerably higher than normal conditions due to the recent and routine rainfall events. The system design is based on head pressure (open channel /gravity) to direct the rainwater run-off to the retention areas until it reaches a design elevation (stage) prior to discharge through the outfall structure to the lake. Staff has inspected each retention area to ensure that they are operating per the drainage system design. Each retention area is retaining water per the design during heavy rain events, with these areas draining to the lakes once water levels reach their design overflow elevations.

This month, CDD Staff has fielded multiple inquiries pertaining to standing water within the Districts retention areas, due to mosquito concerns. There have also been concerns expressed with the standing water within the roadways and driveways during these past few months of rain events. Residents have been directed to contact Lee County Mosquito Control for questions pertaining to mosquito spraying concerns.

Civil Engineering/Roadway & Highway Design Coastal Engineering Code Enforcement Construction Engineering & Inspection (CEI) Construction Services Contract Government Services Data Technologies & Development **Electrical Engineering Emergency Management** Engineering **Environmental Services** Facilities Management Geographic Information Systems (GIS) Indoor Air Quality Land Development Landscape Architecture Municipal Engineering Planning Redevelopment

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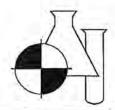
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FORT LAUDERDALE WEST PALM BEACH PORT ST. LUCIE HOMESTEAD TAMPA / CLEARWATER JACKSONVILLE

					CAL	VIN, GIOF	DANO & A	SSOCIATE	S, INC.								
						1 2	1										
13-5692 MIROMAR LAKES CDD	YEAR 3							1									
	Agr	reement	Terms														
Description of Service	Hourly Rate	Hours	Total Fee	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	YTD	Budge
WATER MANAGE	MENT SERVICE	ES	-														
Procurement and Bidding Services	\$ 100.00	12	\$ 1,200.00													0	12,00
Prepare Scope of Service for Contract	\$ 100.00	16	\$ 1,600.00								2			2		4	12.00
Prepare Specifications ,Exhibits and Contract Execution	\$ 100.00	18	\$ 1,800.00				10	4	1	i		i	1	1		19	(1.00
Water Quailty Meetings and Reporting	\$ 100.00	15	\$ 1,500.00		2	3	2	1				1				9	6.00
Operations and Maintenance Services	\$ 80.00	115	\$ 9,200.00	18	14	24	26	10	8	8	6	6	5	4		129	(14.00
Sub-Total:	7 00.00		\$ 15,300.00	18	16	27	38	15	9	9	8	8	6	7		161	15
LANDSCAPTIN	IC CEDVICES			-				-									+
Procurement and Bidding Services	\$ 100.00	18	\$ 1,800.00						- 6	2	4	2	2	3		19	(1.00
Prepare Scope of Service for Contract	\$ 100.00	12	\$ 1,200.00	2					1					2		5	7.00
Prepare Specifications, Exhibits and Contract Execution	\$ 100.00	25	\$ 2,500.00		4	2		2						8		16	9.00
Landscape and Irrigation Site Meetings	\$ 100.00	12	\$ 1,200.00	4	3	4	3	4	2	4	8	4	5	5	- 1	46	(34.00
Operations and Maintenance Services	\$ 80.00	250	\$ 20,000.00	20	22	21	12	22	18	16	20	20	21	26		218	32,00
Sub-Total:		317	\$ 26,700.00	26	29	27	15	28	27	22	32	26	28	44		304	16
ASSET MON	NITORING																+
Procurement and Bidding Services Prepare Scope of Service for	\$ 100.00	10	\$ 1,000.00						2		2	1				5	5.00
Contract	\$ 100.00	10	\$ 1,000.00	2				-	2							-4	6,00
Prepare Specifications, Exhibits and Contract Execution	\$ 100.00	25	\$ 2,500.00		2	2	12	2				1	4	1		24	1.00
Regulartory Meetings, Annual Fraining and Monthly Inspections	\$ 100.00	45	\$ 4,500.00	4	8	8	6	4	2	4	2	2				40	5.00
Operations and Maintenance Services	\$ 80.00	80	\$ 6,400.00	8	8	10	8	16	8	18	10	6	6	6		104	(24.00
Sub-Total:		170	\$ 15,400.00	14	18	20	26	22	16	22	14	10	10	7		177	-7
ADMINISTRATI	VE MATTERS		-														
Maintain electronic files, attendance at Board Meeting, general matters (all)	\$ 70.00	100	\$ 7,000.00	8	8	8	10	8	8	8	8	8	8	8		90	10.00
Sub-Total:		100	\$ 64,400.00	8	8	8	10	8	8	8	8	8	8	8		90	10.00
Total: All Hours		763		66	71	82	89	73	60	63	62	52	52	66		732	31

### **BENCHMARK**

#### EnviroAnalytical Inc.



NBLAC Certification #E84167

#### ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number:

16080189

GHD Services, Inc. 2675 Winkler Ave., Ste.180 Fort Myers, FL 33901

Project Name:

QUARTERLY MIROMAR LAKES WQM

Date Received:

08/04/2016

Time Received: 1420

**Submission Number:** 

16080189

Sample Date:

08/03/2016

Sample Number:

001

Sample Time:

1134

Sample Description:

WQ Location #1

Sample Method:

Grab

	Result	Units	MDL	PQL	Procedure	Analysis Date/Time		Analyst
AMMONIA NITROGEN	0.026	MG/L	0.008	0.032	350,1	08/08/2016	12:49	SJ
TOTAL KJELDAHL NITROGEN	0.878	MG/L	0,05	0.20	351.2	08/09/2016	10:45	PN
TOTAL NITROGEN	0.878	MG/L	0.05	0.20	353+351	08/09/2016	10:45	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0.016	363.2	08/05/2016	15:21	sw
ORTHO PHOSPHORUS AS P	0.071	MG/L	0.002	0.008	365.3	08/04/2016	18:02	BLB
TOTAL PHOSPHORUS AS P	0.091	MG/L	800.0	0.032	385.3	08/08/2016	14:27	SJ/BLB
CHLOROPHYLL A, CORRECTED	7.32	MG/M3	0.25	1.00	445.0	08/16/2016	13:00	DN
PHEOPHYTIN	0.906 (	MG/M3	0,25	1.00	445.0	08/16/2016	13:00	DN
TOTAL SUSPENDED SOLIDS	3.49	MG/L	0.570	2.280	SM2540D	08/04/2016	14:30	E85086
BIOCHEMICAL OXYGEN DEMAND	1 U	MG/L	1	4	SM5210B	08/04/2016	15:46	LD/LD

Submission Number:

16080189

Sample Number:

002

Sample Date: Sample Time: 08/03/2016

1119

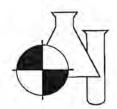
Sample Description: WQ Location #2 Sample Method:

Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time		Analyst
AMMONIA NITROGEN	0.019	MG/L	0.008	0.032	350.1	08/08/2016	12:51	SJ
TOTAL KJELDAHL NITROGEN	1.15	MG/L	0.05	0.20	351.2	08/09/2016	10:46	PN
TOTAL NITROGEN	1.15	MG/L	0.05	0.20	353+351	08/09/2016	10:46	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0.016	353.2	08/05/2016	15:22	sw
ORTHO PHOSPHORUS AS P	0.070	MG/L	0.002	0,008	365.3	08/04/2016	18:04	BLB
TOTAL PHOSPHORUS AS P	0.087	MG/L	0.008	0.032	365.3	08/08/2016	13:37	SJ/BLB
CHLOROPHYLL A, CORRECTED	7.28	MG/M3	0.25	1,00	445.0	08/16/2016	13:00	DN
PHEOPHYTIN	0.958 1	MG/M3	0.25	1.00	445.0	08/16/2016	13:00	DN
TOTAL SUSPENDED SOLIDS	3.90	MG/L	0.570	2,280	SM2540D	08/04/2016	14:30	E85086

# **BENCHMARK**

### EnviroAnalytical Inc.



NELAC Certification #E84167

BIOCHEMICAL OXYGEN DEMAND 1 U MG/L 1 4 SM5210B 08/04/2016 15:48 LD/LD

Submission Number:

16080189

Sample Number:

003

Sample Description:

WQ Location #3A

Sample Date:

08/03/2016

Sample Time:

1044

Sample Method:

Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0,029	MG/L	0.008	0.032	350.1	08/08/2016 12:53	SJ.
TOTAL KJELDAHL NITROGEN	0.949	MG/L	0,05	0,20	351.2	08/09/2016 10:48	PN
TOTAL NITROGEN	0.949	MG/L	0.05	0.20	353+351	08/09/2016 10:48	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0.016	353,2	08/05/2016 15:23	sw
ORTHO PHOSPHORUS AS P	0.012	MG/L	0.002	0.008	365.3	08/05/2016 09:54	BLB
TOTAL PHOSPHORUS AS P	0.0261	MG/L	0.008	0.032	365,3	08/05/2016 18:19	SJ/BLB
CHLOROPHYLL A, CORRECTED	8.71	MG/M3	0,25	1.00	445.0	08/16/2016 13:00	DN
PHEOPHYTIN	1.62	MG/M3	0.25	1.00	445.0	08/16/2016 13:00	DN
TOTAL SUSPENDED SOLIDS	6,42	MG/L	0,570	2.280	SM2540D	08/04/2016 14:30	E85086
BIOCHEMICAL OXYGEN DEMAND	10	MG/L	1	4	SM5210B	08/04/2016 15:4	LD/LD

Submission Number:

16080189

Sample Number:

004

Sample Description:

WQ Location #3B

Sample Date:

08/03/2016

Sample Time:

1054

Sample Method:

Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.015	MG/L	0,008	0.032	350.1	08/08/2016 12:55	SJ
TOTAL KJELDAHL NITROGEN	0.880	MG/L	0.05	0.20	351.2	08/09/2016 10:49	PN
TOTAL NITROGEN	0.880	MG/L	0.05	0.20	353+351	08/09/2016 10:49	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0,016	353.2	08/05/2016 15:25	sw
ORTHO PHOSPHORUS AS P	0.064	MG/L	0,002	0.008	365.3	08/04/2016 18:10	BLB
TOTAL PHOSPHORUS AS P	0.098	MG/L	0.008	0.032	365.3	08/08/2016 14:51	SJ/BLB
CHLOROPHYLL A, CORRECTED	7.05	MG/M3	0.25	1.00	445.0	08/16/2016 13:00	DN
PHEOPHYTIN	1,20	MG/M3	0.25	1.00	445.0	08/16/2016 13:00	DN
TOTAL SUSPENDED SOLIDS	5.78	MG/L	0.570	2.280	SM2540D	08/04/2016 14:30	E85086
BIOCHEMICAL OXYGEN DEMAND	10	MG/L	Ť	4	SM5210B	08/04/2016 15:46	LD/LD

Submission Number:

16080189

Sample Number:

005

Sample Description:

WQ Location #4

Sample Date:

08/03/2016

Sample Time:

1005

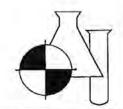
Sample Method:

Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.023 [	MG/L	0.008	0.032	350,1	08/08/2016 12:56	SJ

## **BENCHMARK**

### EnviroAnalytical Inc.



NELAC	Certification	#E84167

TOTAL KJELDAHL NITROGEN	0.887	MG/L	0.05	0.20	351.2	08/09/2016	10:50	PN
TOTAL NITROGEN	0.887	MG/L	0.05	0.20	353+351	08/09/2016	10:50	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0.016	353.2	08/05/2016	15:26	sw
ORTHO PHOSPHORUS AS P	0.017	MG/L	0.002	0.008	365,3	08/05/2016	09:52	BLB
TOTAL PHOSPHORUS AS P	0.0211	MG/L	0,008	0.032	365.3	08/05/2016	18:21	SJ/BLB
CHLOROPHYLL A, CORRECTED	7.11	MG/M3	0.25	1.00	445.0	08/16/2016	13:00	DN
PHEOPHYTIN	0.706	MG/M3	0.25	1.00	445.0	08/16/2016	13:00	DN
TOTAL SUSPENDED SOLIDS	2.84	MG/L	0.570	2.280	SM2540D	08/04/2016	14:30	E85086
BIOCHEMICAL OXYGEN DEMAND	1.0	MG/L	1	4	SM5210B	08/04/2016	15:46	LD/LD

Submission Number:

16080189

006

Sample Description:

Sample Number:

WQ Location #5 Lake #3 Outfall

Sample Date:

08/03/2016

Sample Time:

0830

Sample Method:

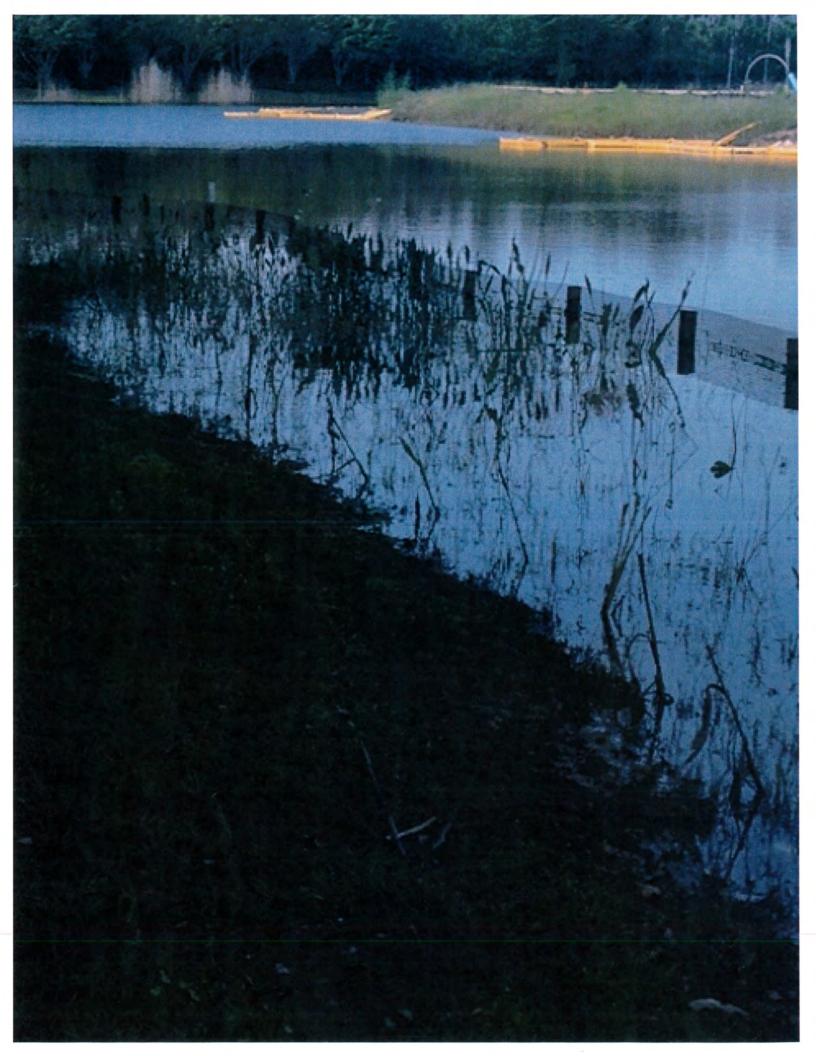
Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
AMMONIA NITROGEN	0.033	MG/L	800,0	0.032	350.1	08/08/2016 12:58	SJ
TOTAL KJELDAHL NITROGEN	0.845	MG/L	0.05	0,20	351.2	08/09/2016 11:18	PN
TOTAL NITROGEN	0.845	MG/L	0.05	0,20	353+351	08/09/2016 11:18	PN/SW
NITRATE+NITRITE AS N	0.004 U	MG/L	0.004	0.016	353,2	08/05/2016 15:23	sw
ORTHO PHOSPHORUS AS P	0.022	MG/L	0.002	0.008	365.3	08/04/2016 18:14	BLB
TOTAL PHOSPHORUS AS P	0,065	MG/L	0.008	0.032	365,3	08/08/2016 13:04	SJ/BLB
CHLOROPHYLL A, CORRECTED	15.1	MG/M3	0.25	1,00	445.0	08/16/2016 13:0	DN
PHEOPHYTIN	2.99	MG/M3	0.25	1.00	445.0	08/16/2016 13:0	DN
TOTAL SUSPENDED SOLIDS	4.10	MG/L	0.570	2.280	SM2540D	08/04/2016 14:3	E85086
BIOCHEMICAL OXYGEN DEMAND	1.311	MG/L	1	4	SM5210B	08/04/2016 15:4	LD/LD

#### Miromar Lakes Landscaping Enhancement Capital Improvement Program

	Allocation per year	\$109,868	\$122,030	\$160,000	\$172,940	\$220,000	\$220,000	\$394,770
	Location of Improvement	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7 and beyon
1.	St. Moritz & Tivoli * (Private side of berm)	\$28,500						
2.	Sienna *	\$31,350						
3.	Valencia *	\$34,320						
4.	Verona Lago (West Street berm & retention area screening)		\$30,350		*			
5.	Parkway Golf Cart Bridge (Both sides on all four quadrants)		\$27,500	\$82,500				
6.	Parkway Golf Cart Bridge (median planting around guardrail) & Ben Hill Griffin			\$59,180	\$149,820			
7.	Ben Hill Griffin Pkwy (Berms south of main entrance)- not including Porto Romano & San Marino		\$47,460			\$157,589		
8.	Ben Hill Griffin Pkwy (Berms north of main entrance)	\$11,198				\$39,291	\$196,880	
9.	San Marino (West berm)							\$96,000
10.	Lake 5 (South berm)							\$191,650
11.	I-75 Berm (300 foot section only of 11,098							\$60,000
12.	I-75 Sign Feature Planting (per each)			]				\$24,000
13.	CEI/Landscape Architect to visit	\$4,500	\$16,720	\$18,320	\$23,120	\$23,120	\$23,120	\$23,120
14.	Total estimated expenditures	\$109,868	\$122,030	\$160,000	\$172,940	\$220,000	\$220,000	\$394,770
	Discounts/Collection Fees:	\$4,944	\$5,491	\$7,200	\$7,782	\$9,900	\$9,900	\$17,765
	Total Estimated Expenditures	\$114,812	\$127,521	\$167,200	\$180,722	\$229,900	\$229,900	\$412,535
	Number of Units	2026	2026	2026	2026	2026	2026	2026
	Estimated Rate per Unit	\$56.67	\$62.94	\$82.53	\$89.20	\$113.47	\$113.47	\$203.62







## Miromar Lakes Community Development District

### Financial Statements

August 31, 2016



Visit our web site: www.miromarlakescdd.org

Prepared by:

### JPWARD AND ASSOCIATES LLC

2041 NE 6TH TERRACE FORT LAUDERDALE, FLORIDA 33305 E-MAIL: JIMWARD@JPWARDASSOCIATES.COM PHONE: (954) 658-4900

## Miromar Lakes Community Development District

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Series 2015 Bonds	7

JPWard & Associates, LLC 2041 NE 6th Terrace Fort Lauderdale, Florida 33305

# Miromar Lakes Community Development District Balance Sheet for the Period Ending August 31, 2016

				Governmer	ntal Fun	ds								
	Debt Service Funds Account Groups													
	Gei	neral Fund	Series 2012 Series 2015		Capital Project Fund		General Long Term Debt		General Fixed Assets		(M	Totals emorandum Only)		
Assets														
Cash and Investments														
General Fund - Invested Cash	\$	614,978	\$	-	\$	-	\$	-	\$	-	\$	-	\$	614,978
Debt Service Fund														
Interest Account		-		-		-		-		-		-		-
Sinking Account		-		-		-		-		-		-		-
Reserve Account		-		443,511		863,852		-		-		-		1,307,363
Revenue		-		427,038		722,003		-		-		-		1,149,041
Prepayment Account		-		0		-		-		-		-		0
Due from Other Funds														
General Fund		-		-		-		-		-		-		-
Debt Service Fund(s)				-		-		-		-		-		-
Market Valuation Adjustments		-								-		-		-
Accrued Interest Receivable		-		-		-		-		-		-		-
Assessments Receivable		-		-		-		-		-		-		-
Accounts Receivable		-		-		-		-		-		-		-
Amount Available in Debt Service Funds		-		-		-		-		870,549		-		870,549
Amount to be Provided by Debt Service Funds		-		-		-		-		28,784,451		-		28,784,451
Investment in General Fixed Assets (net of														
depreciation)	_	-	_	-		-			_	-	_	40,376,020	_	40,376,020
Total Assets	s <u>\$</u>	614,978	\$	870,549	\$	1,585,855	\$	<u> </u>	\$	29,655,000	\$	40,376,020	\$	73,102,402

# Miromar Lakes Community Development District Balance Sheet for the Period Ending August 31, 2016

				Governmer	ntal Fu	unds										
				C	ebt S	ervice Funds			Account Groups					Totals		
	General Fund		General Fund		Se	ries 2012	S	eries 2015		pital ct Fund		eneral Long erm Debt	G	eneral Fixed Assets	(M	emorandum Only)
Liabilities																
Accounts Payable & Payroll Liabilities	Ś		\$		\$		\$		\$		\$		\$			
Due to Other Funds	ې	-	Ą	-	Ą	-	Ş	-	٦	-	Ş	-	Ş	-		
General Fund														-		
		-		-		-		-		-		-		-		
Debt Service Fund(s)		-		-		-		-		-		-		-		
Bonds Payable		-												-		
Current Portion		-		-		-		-		20.655.000		-		20.655.000		
Long Term					_					29,655,000	_		_	29,655,000		
Total Liabilities	\$		\$		\$		\$		\$	29,655,000	\$		\$	29,655,000		
Fund Equity and Other Credits																
Investment in General Fixed Assets		-								-		40,376,020		40,376,020		
Fund Balance																
Restricted																
Beginning: October 1, 2015 (Audited)		-		836,409		1,670,657		-		-		-		2,507,065		
Results from Current Operations		_		34,140		(84,802)		_		-		-		(50,662)		
Unassigned																
Beginning: October 1, 2015 (Audited)		166,119								-		-		166,119		
Results from Current Operations		448,859								_		-		448,859		
Total Fund Equity and Other Credits	\$	614,978	\$	870,549	\$	1,585,855	\$	-	\$	-	\$	40,376,020	\$	43,447,402		
Total Liabilities, Fund Equity and Other Credits	\$	614,978	\$	870,549	\$	1,585,855	\$		\$	29,655,000	\$	40,376,020	\$	73,102,402		

### Miromar Lakes Community Development District General Fund

# Statement of Revenues, Expenditures and Changes in Fund Balance Through August 31., 2016

												Year to	Total Annual	% of
Description	October	November	December	January	February	March	April	May	June	July	August	Date	Budget	Budget
Revenue and Other Sources														
Carryforward	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$	-	\$ -	-	\$ -	N/A
Interest														
Interest - General Checking	14	12	33	29	19	21	24	22	20	21	18	233	300	78%
Special Assessment Revenue														
Special Assessments - On-Roll	419	136,497	544,403	32,356	24,765	8,198	16,873	11,892	15,104	-	-	790,506	788,521	100%
Special Assessments - Off-Roll	129,967	-	-	-	-	129,967	129,967	-	129,967	-	-	519,869	519,869	100%
Miscellaneous Revenue	-	-	-	-	-	-	-	-	1,333	24,539	-	25,872	0	N/A
Intragovernmental Transfer In												-		
<b>Total Revenue and Other Sources:</b>	\$ 130,400	\$ 136,508	\$ 544,436	\$ 32,384	\$ 24,785	\$ 138,187	\$ 146,864	\$ 11,914	\$ 146,424 \$	24,560	\$ 18	1,336,481	\$ 1,308,690	102%
Expenditures and Other Uses														
Legislative														
Board of Supervisor's - Fees	-	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	11,000	12,000	92%
Board of Supervisor's - Taxes	-	153	77	77	77	77	77	77	77	77	-	765	918	83%
Executive														
Professional Management	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	36,667	40,000	92%
Financial and Administrative														
Audit Services	-	-	5,000	-	-	-	-	-	-	-	-	5,000	5,000	100%
Accounting Services	-	_	_	_	335	_	_	-	-	_	_	335	-	N/A
Assessment Roll Services	-	_	18,000	_	_	_	_	-	-	_	_	18,000	18,000	100%
Arbitrage Rebate Services	500	-	-	500	-	-	-	-	-	-	-	1,000	1,000	100%
Other Contractual Services														
Legal Advertising	-	_	_	-	_	_	_	_	42	-	-	42	1,200	4%
Trustee Services	-	3,091	_	-	_	_	5,859	_	-	-	-	8,949	7,900	113%
Property Appraiser/Tax Collector Fees	-	_	_	_	_	_	1,033	-	-	_	_	1,033	2,400	43%
Bank Services	31	43	30	31	36	34	46	47	34	47	36	415	550	76%
Travel and Per Diem	-	_	-	-	_	_	_	-	-	-	-	-	-	N/A
Communications & Freight Services														
Postage, Freight & Messenger	118	_	142	29	105	-	45	212	46	82	46	825	400	206%
Insurance	-	-	5,665	_	-	-	-	-	-	-	-	5,665	5,800	98%
Printing & Binding	413	80	36	123	40	32	103	146	191	128	124	1,416	1,200	118%
Website Development	-	-	_	_	-	-	-	-	-	-	100	100	1,000	10%
Office Supplies	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Subscription & Memberships	175	-	-	-	-	-	-	-	-	-	-	175	175	100%
Legal Services														
Legal - General Counsel		13,130	3,965			3,705				3,676	6,688	31,164	20,000	156%

Prepared by:

3

#### Miromar Lakes Community Development District General Fund

# Statement of Revenues, Expenditures and Changes in Fund Balance Through August 31., 2016

Description	October	November	December	January	February	March	April	Mav	June	July	August	Year to Date	Total Annual Budget	% of Budget
Legal - Litigation	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Legal - Center Place	_	-	_	-	-	-	-	-	-	_	-	-	40,000	0%
Legal - Center Place - Litigation Counsel	_	94,471	99,560	(155,729)	6,646	1,706	3,489	225	2,632	1,658	15,502	70,160	250,000	28%
Other General Government Services														
Engineering Services - General Fund	_	-	5,531	1,583	-	1,579	546	1,424	3,349	_	1,871	15,883	20,000	79%
NPDES	-	-	_	_	-	560	554	1,200	_	_	600	2,914	2,500	117%
Asset Administration Services	583	583	583	583	-	583	583	583	1,167	583	583	6,417	7,000	92%
Center Place	_	-	5,274	(3,453)	-	-	-	-	-	_	-	1,821	100,000	2%
Sub-Total:	5,153	116,884	148,197	(151,923)	11,572	12,609	16,668	8,247	11,870	10,584	29,883	219,745	537,043	41%
Stormwater Management Services														
Professional Management														
Asset Management	1,983	1,983	1,983	1,983	_	1,983	1,983	1,983	3,967	1,983	1,983	21,817	23,800	92%
Mitigation Monitoring	· -	-	· -	-	-	· -	· -	-	-	, -	, -	-	500	0%
Utility Services														
Electric - Aeration Systems	_	424	440	454	492	406	408	446	859	_	432	4,360	500	872%
Lake System												,		
Aquatic Weed Control	5,464	5,464	5,464	5,464	5,464	_	10,928	6,914	5,464	5,464	5,464	61,554	65,568	94%
Lake Bank Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	5,000	0%
Water Quality Testing	-	-	-	-	-	-	-	-	-	2,950	-	2,950	3,800	78%
Water Control Structures	-	770	7,000	-	-	-	-	-	-	-	-	7,770	9,500	82%
Grass Carp Installation	-	-	-	-	-	-	-	-	-	-	-	-	30,000	0%
Litoral Shelf Barrier/Replanting	-	-	-	-	-	-	-	-	-	-	-	-	18,000	0%
Aeration System	-	-	-	-	-	-	-	9,479	-	-	-	9,479	3,500	271%
Wetland System														
Routine Maintenance	3,133	3,133	3,133	3,133	3,133	-	6,267	3,133	3,133	3,133	3,133	34,467	49,600	69%
Other Current Charges	-	-	-	-	-	-	-	-	-	-	-	-	3,000	0%
Capital Outlay														
Aerator's	_	-	-	-	-	-	-	-	-	-	-	-	9,750	0%
Sub-Total:	10,581	11,775	18,021	11,035	9,089	2,389	19,586	21,955	13,423	13,531	11,012	142,396	222,518	64%
Landscaping Services														
Professional Management														
Asset Management	2,867	2,867	2,867	2,867	-	2,867	2,867	2,867	5,733	2,867	2,867	31,533	34,400	92%
Utility Services														
Electric	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Irrigation Water	-	-	-	1,777	-	-	1,000	1,777	-	1,777	-	6,332	5,000	127%
Repairs & Maintenance														

Prepared by:

#### Miromar Lakes Community Development District General Fund

# Statement of Revenues, Expenditures and Changes in Fund Balance Through August 31., 2016

												Year to	Total Annual	% of
Description	October		December	January	February	March	April	May	June	July	August	Date	Budget	Budget
Public Area Landscaping	-	34,570	-	61,162	-	29,846	51,810	59,479	61,227	70,819	23,585	392,498	434,029	90%
Landscape Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Irrigation System	-	-	-	-	-	-	-	23,539	-	-	-	23,539	7,500	314%
Well System	-	-	-	-	-	198	-	-	-	59	549	806	2,500	32%
Plant Replacement	-	-	-	-	-	-	-	-	-	-	4,248	4,248	20,000	21%
Other Current Charges												-		
Lee County -Ben Hill Griffin Landscape	-	34,599	-	-	-	-	-	-	-	-	-	34,599	30,000	115%
Charlotte County - Panther Habitat, Fire	-	372	-	-	-	-	-	-	-	-	-	372	700	53%
Operating Supplies														
Mulch	_	-	-	-	-	-	-	26,055	-	5,498	-	31,553	15,000	210%
Sub-Total:	2,867	72,408	2,867	65,806	-	32,911	55,677	113,718	66,960	81,020	31,248	525,481	549,129	96%
Total Expenditures and Other Uses:	\$ 18,601	\$ 201,067	\$ 169,084	\$ (75,081)	\$ 20,661	\$ 47,909	\$ 91,931	\$ 143,920	\$ 92,253	\$ 105,135	\$ 72,143	887,622	\$ 1,308,690	68%
Net Increase/ (Decrease) in Fund Balance	111,800	(64,559)	375,353	107,465	4,124	90,278	54,933	(132,006)	54,172	(80,575)	(72,126)	448,859	_	
, ,	•	, , ,	•	•		•	•	, , ,	· ·	, , ,	, , ,	•		
Fund Balance - Beginning	166,119	277,919	213,360	588,712	696,178	700,301	790,579	845,512	713,507	767,678	687,104	166,119	146,131	
Fund Balance - Ending	\$ 277,919	\$ 213,360	\$ 588,712	\$ 696,178	\$ 700,301	\$ 790,579	\$ 845,512	\$ 713,507	\$ 767,678	\$ 687,104	\$ 614,978	614,978	\$ 146,131	

#### **Miromar Lakes Community Development District** Debt Service Fund - Series 2012 Bonds Statement of Revenues, Expenditures and Changes in Fund Balance

					Through Aug	ust 31, 2016								
Description	October	November	December	January	February	March	April	Ma	y Ju	ne	July	August	Year to Date	Total Annual Budget
Revenue and Other Sources														
Carryforward	\$ -	\$ -	\$ - \$	<b>;</b> -	\$ -	\$ -	\$	- \$	- \$	- \$	- 5	<b>;</b> -	-	\$ -
Interest Income											-			
Reserve Account	35,497	1,840	0	0	0	0		0 7	,355	0	0	0	44,696	15,000
Dunner was and Assertab														

Prepayment Account		-	-	-	-	-	-	-	-	-	-	-	-		-	N/A
Revenue Account		2	2	1	1	4	4	5	5	2	2	2	30		30	100%
Special Assessment Revenue																
Special Assessments - On-Roll		437	142,417	568,016	33,759	25,839	8,554	17,605	12,408	15,759	-	-	824,794		820,346	101%
Special Assessments - Off-Roll		-	-	-	-	-	-	164,074	-	-	-	-	164,074		164,074	100%
Special Assessments - Prepayments		-	-	-	-	-	-	-	-	-	-	-	=		-	N/A
Operating Transfers In (From Other Funds)		-	-	-	-	<u>-</u>	-	<u>-</u>	-	-	-	-	=		-	N/A
Total Revenue and Other Sources:	\$	35,937	\$ 144,259	\$ 568,017	\$ 33,761	\$ 25,844	\$ 8,558	\$ 181,684	\$ 19,767	\$ 15,761	\$ 3	\$ 3	1,033,594.05	\$	999,450	N/A
Expenditures and Other Uses																
Debt Service																
Principal Debt Service - Mandatory																
Series 2012 Bonds		-	-	-	-	-	-	-	420,000	-	-	-	420,000	\$	420,000	100%
<b>Principal Debt Service - Early Redemptions</b>																
Series 2012 Bonds		-	-	-	-	-	-	-	-	-	-	-	=		-	N/A
Interest Expense																
Series 2012 Bonds		-	289,725	-	-	-	-	-	289,729	-	-	-	579,454		579,450	100%
Operating Transfers Out (To Other Funds)		-	-	-	-	<u>-</u>	<u> </u>	<u>-</u>	-	-	-	-	=		-	N/A
Total Expenditures and Other Uses:	\$	-	\$ 289,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 709,729	\$ -	\$ -	\$ -	999,454	\$	999,450	N/A
Net Increase/ (Decrease) in Fund Balance		35,937	(145,466)	568,017	33,761	25,844	8,558	181,684	(689,962)	15,761	3	3	34,140		-	
Fund Balance - Beginning		836,409	872,346	726,880	1,294,897	1,328,658	1,354,502	1,363,060	1,544,744	854,782	870,544	870,546	836,409		866,391	
Fund Balance - Ending	Ġ	872,346	\$ 726,880	\$ 1,294,897	\$ 1,328,658	\$ 1,354,502	\$ 1,363,060	\$ 1,544,744	\$ 854,782	\$ 870.544	\$ 870,546	\$ 870,549	870,549	ć	866,391	

% of

Budget

N/A

298%

# Miromar Lakes Community Development District Debt Service Fund - Series 2015 Bonds Statement of Revenues, Expenditures and Changes in Fund Balance Through August 31, 2016

Description	October	November	December	January	February	March	April	May	June	July	August	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources				,	,			.,,		,				
Carryforward	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ 177,380	0%
Interest Income										-				
Reserve Account	84,850	4,363	0	0	0	0	0	17,579	0	0	0	106,793	15,000	712%
Prepayment Account	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Revenue Account	2	133	1	2	2	2	2	3	4	4	4	157	-	N/A
Special Assessment Revenue														
Special Assessments - On-Roll	53	17,110	68,242	4,056	3,104	1,028	2,115	1,491	1,893	-	-	99,092	98,463	101%
Special Assessments - Off-Roll	-	-	-	-	-	-	1,410,287	-	-	-	_	1,410,287	1,410,287	100%
Special Assessments - Prepayments	-	-	-	-	_	-	-	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	_	-	-	-	-	-	-	-	-	N/A
Bond Proceeds	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
<b>Total Revenue and Other Sources:</b>	\$ 84,904	\$ 21,606	\$ 68,244	\$ 4,058	\$ 3,107	\$ 1,029	\$ 1,412,404	\$ 19,072	\$ 1,897	\$ 4	\$ 4	\$ 1,616,328	\$ 1,701,130	N/A
Expenditures and Other Uses														
Debt Service														
Principal Debt Service - Mandatory														
Series 2012 Bonds	-	-	-	-	-	-	-	610,000	-	-	-	610,000	\$ 610,000	100%
Principal Debt Service - Early Redemptions														
Series 2012 Bonds	-	-	-	-	_	-	-	-	-	-	-	-	-	N/A
Interest Expense														
Series 2012 Bonds	-	636,493	-	-	-	-	-	454,638	-	-	-	1,091,130	1,091,130	100%
Operating Transfers Out (To Other Funds)	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	\$ -	\$ 636,493	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,064,638	\$ -	\$ -	\$ -	1,701,130	\$ 1,701,130	N/A
Net Increase/ (Decrease) in Fund Balance	84,904	(614,887)	68,244	4,058	3,107	1,029	1,412,404	(1,045,565)	1,897	4	4	(84,802)	-	
Fund Balance - Beginning	1,670,657	1,755,561	1,140,674	1,208,918	1,212,975	1,216,082	1,217,112	2,629,515	1,583,950	1,585,847	1,585,851	-	-	
Fund Balance - Ending	\$ 1,755,561	\$ 1,140,674	\$ 1,208,918	\$ 1,212,975	\$ 1,216,082	\$ 1,217,112	\$ 2,629,515	\$ 1,583,950	\$ 1,585,847	\$ 1,585,851	\$ 1,585,855	(84,802)	\$ -	