MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT

AGENDA

MARCH 11, 2021

PREPARED BY:

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Miromar Lakes Community Development District

March 4, 2021

Board of Supervisors

Miromar Lakes Community Development District

Dear Board Members:

This Regular Meeting of the Board of Supervisors of the Miromar Lakes Community Development District will be held on **Thursday, March 11, 2021** at **2:00 P.M.** in the Library at the **Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.**

The venue for this meeting is the Beach Clubhouse, in the Library, and was specifically chosen such so that the District will be able to meet the social distance guidelines for this meeting for Board Members/Staff, while accommodating an additional five (5) audience members.

Please ensure that all in attendance bring and wear masks during the meeting.

With the limitation for people in the meeting room, the District is requesting that audience members please use the WebEx link and telephone number below to join the Board Meeting.

The venue is requiring the District to enforce the limitation on attendance for audience members.

The following WebEx link and telephone number are provided to join/watch the meeting.

Weblink:

https://districts.webex.com/districts/onstage/g.php?MTID=e0eec7b257463ee69b0116a70aabcdb19

Access Code: **192 031 6810**

Event password: **Jpward**

Call in information if you choose not to use the web link:

Phone: **408-418-9388** and enter the access code **129 031 6810** to join the meeting.

The link to the meeting will also be posted on the District's web site: **www.Miromarlakescdd.org.**

The Agenda is as Follows:

1. Call to Order & Roll Call.

2. Consideration of Minutes:
   I. February 11, 2021 – Regular Meeting

3. Consideration of a First Time Reserve Study Proposal from Dreux Isaac & Associates.

4. Staff Reports
   I. District Attorney
   II. District Engineer
      a) Florida Gulf Coast University De-Watering request
   III. District Asset Manager
      a) Operations Report March 1, 2021
   IV. District Manager
      a) Financial Statements for period ending February 28, 2021 (unaudited)

5. Supervisor's Requests and Audience Comments

6. Adjournment

The Second Order of Business is the Consideration of the February 11, 2021 Regular Meeting Minutes.

The Third Order of Business is the Consideration of a Proposal from Dreux Isaac & Associates for a first-time reserve study proposal.

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

Sincerely yours,

Miromar Lakes Community Development District

James P Ward

James P. Ward
District Manager

MINUTES OF MEETING
MIROMAR LAKES
COMMUNITY DEVELOPMENT DISTRICT

The Regular Meeting of the Board of Supervisors of Miromar Lakes Community Development District was held on Thursday, February 11, 2021, at 2:00 P.M. at the Beach Clubhouse, 18061 Miromar Lakes Parkway, Miromar Lakes, Florida 33913.

Present and constituting a quorum:

Alan Refkin	Chairperson
Michael Weber	Vice Chair
Doug Ballinger	Assistant Secretary
Mary LeFevre	Assistant Secretary
Patrick Reidy	Assistant Secretary

Also present were:

James P. Ward	District Manager
Greg Urbancic	District Attorney
Charlie Krebs	District Engineer
Bruce Bernard	Asset Manager
Richard Freeman	CGA

Audience:

Erin Dougherty

All resident's names were not included with the minutes. If a resident did not identify themselves or the audio file did not pick up the name, the name was not recorded in these minutes.

PORTIONS OF THIS MEETING WERE TRANSCRIBED VERBATIM. ALL VERBATIM PORTIONS WERE TRANSCRIBED IN *ITALICS*.

FIRST ORDER OF BUSINESS **Call to Order/Roll Call**

District Manager James P. Ward called the meeting to order at approximately 2:00 p.m. He conducted roll call; all Members of the Board were present constituting a quorum.

SECOND ORDER OF BUSINESS **Induction of Mr. Patrick Reidy to Seat 5**

Induction of Mr. Patrick Reidy to fill Seat 5, whose term is set to expire November 2024

I. **Guide to the Sunshine Law and Code of Ethics for Public Employees**
II. **Form 1 – Statement of Financial Interests**

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Mr. Ward: As you recall, Mr. Reidy was appointed to fill Dr. Herring's term which runs through November of 2024. He has already taken his oath outside of the Board Meeting. It is a part of the record and copy of it is included in your Agenda Package. We will take a moment and go through the Sunshine Law and the Code of Ethics. Mr. Greg Urbancic will review this. He is our District Attorney and he and I will guide you through any legal matters including anything related to the Sunshine Law and the Code of Ethics for Public Employees. Now that you are a public official with the State of Florida you are subject to a plethora of laws related to public officials. You hold the same title and dignity as any County or City Commissioner in the State of Florida, just for a CDD. The most prominent laws that we have are the Ethics Statutes here in Florida. They were enacted a number of years ago to ensure that the bodies that make decisions do so in public and do not do so outside of these open noticed meetings. That simply means, as a member of the Board, you may not discuss any matter that could foreseeably appear before the Board with another Member, nor may you use a member of the public or a member of staff to communicate to another Board Member on any matter that may foreseeably appear before the Board. It's important to recognize that if you violate the law, ethics violations are considered to be outside of your scope of authority, and as such your directors and offices liability insurance which we carry for the entire Board does not cover you. This means you would then defend yourself on any actions that are brought before you with respect to ethics violations. I will tell you that in all the years that I have done this, I have never had a Board Member charged with an Ethics Violation. If you have a question you are welcome to call me or Greg Urbancic and we will guide you through the process. If in any event you are uncomfortable with doing either of those, you should hold whatever discussion you want to have until one of these Board Meetings and during the meeting you would be given the opportunity to say whatever it is you would like to say. Greg, do you want to add anything?

Mr. Greg Urbancic: That was good Jim. I think you've done that once or twice before. Just adding, the three biggest things, Sunshine Law, Public Records, and if you ever have a question because you think there might be a conflict of interest for anything that you are doing, those are the really key subjects to bring up to us so we can discuss them prior to anything happening. If there is a question, I am happy to talk to you about it.

Mr. Patrick Reidy: I am assuming if any resident of Miromar who knows you're on the CDD Board comes and talks to you and asks you questions you can answer those questions.

Mr. Ward: Yes. They can talk to him ad nauseum at whatever you want to talk to him about, including what's on the CDD Agenda. What he cannot do, and what you cannot ask him to do, is take that conversation to other Members of the Board.

Mr. Reidy: And as far as I should not be speaking with other Board Members.

Mr. Ward: You may not speak to other Board Members on matters that will foreseeably appear before the Board. If you want to talk about going to dinner, golf, tennis, walking the dogs, it doesn't matter, but if the matter is going to appear before the Board for a vote, you may not talk to another Board Member about that matter. If it's a done deal, and you want to say, hey that budget we just approved – or something of that nature – those kinds of things you can do, but it's a really fine line, so you need to be careful what you talk about. I do know I mentioned to you before the meeting your Form 1. You do need to file that before March 3, 2021. It's not that hard of a form. If you need help, I'll be glad to help you with it.

THIRD ORDER OF BUSINESS Consideration of Minutes

January 14, 2021 – Regular Meeting

Mr. Ward asked if there were any corrections or additions to the January 14, 2021 Minutes.

Mr. Doug Ballinger: On line 246, page 6, Jim, something that you said here needs to be reworded. It starts with "assuming the worst-case scenario…" That needs rewording. Then on Line 250 it says "to suit" anybody, and I think you meant "to sue" anybody. That needs to be changed. I think that's about all.

Ms. Mary LeFevre: Line 342 is Modena. There is also on Line 181, I don't know what this was supposed to be, but it's "a couple of conversations I've had with one of the Board Members" is not a sentence. (Indecipherable 7:45.)

Mr. Alan Refkin: If you put that before "I" it might make some sense.

Ms. LeFevre: It doesn't have any subject though. It doesn't tell you what you did.

Mr. Ward: What were we talking about?

Ms. LeFevre: That was the Ravenna, I think.

Mr. Ward: I know. Put Ravenna in front of the word Board. Remember to make that a comma. He was trying to move the process forward.

Mr. Mike Weber: Okay. I've got a few. 239 it says "that may not mean that you don't a responsibility…" it should say "that may not mean that you don't have a responsibility…" Then 254 states (indecipherable 9:27).

Mr. Ward: I'm having a hard time hearing you.

Mr. Mike Weber: 254 "see if the document states that states…" Remove the second "states." Then 347 "I see the stocking of the lake by the fish did occur." Okay? Delete the whole thing.

Ms. LeFevre: 544 is Tim and not Jim.

Mr. Ward: If there are no more changes a motion to approve the Minutes as amended would be in order.

On MOTION made by Ms. Mary LeFevre, seconded by Mr. Doug Ballinger, and with all in favor, the January 14, 2021 Regular Meeting Minutes were approved as amended.

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FOURTH ORDER OF BUSINESS Staff Reports

I. District Attorney

Mr. Greg Urbancic: I didn't have anything to report unless there are specific questions for me. There were none.

II. District Engineer

Mr. Charlie Krebs: The only thing I have is Dana Hume with Johnson Engineering did call me and gave me a brief summary of the dewatering permit that they are going to bring before us, that FGCU is trying to work on. He gave me a little more information. I'm waiting to see the full package, but they are not dewatering into land that we own, the CDD. It's just that we are downstream of University lands and South Florida wants us to be aware that this action is going on. Once I have that, and I have a chance to review it, I will prepare a memo to you.

III. Asset Manager

a) Operations Report February 1, 2021

Mr. Bruce Bernard: I've got Richard Freeman right here. He is an associate with CGA. He's my assistant on these projects. If I'm not here, he will probably be here. Our lake restoration will be completed in St. Moritz next week and we will bring in Ana Capri Cove, along with the riprap for the lake bank repair at the Volterra subdivision. We've got about $30,000 dollars' worth of repairs we have to do to that lake bank; areas that have sunk and fallen in along those banks. But that's really it. We didn't do any repairs over there after the hurricane. Cane toad collection and lake skimming will be started back up this month. This cost will be incurred by both the CDD and Miromar Lakes. MRI, our underground drainage contractor, will be completing Phase III this month of our cyclic drainage program and once that's done, we will start back up next year again with Phase I. CGA is in the process of putting together the landscape management analysis for the existing CDD properties, plus each of the Ben Hill Griffin berm properties to the north, and also, we had a drainage problem at Lot 1 over at Tivoli. There is a berm there that comes down right onto that lot. The water runoff from that berm was going into that lot. Charlie did a design, and we had a vendor come and put in three yard-drains to drain that out to the street. We completed that last month.

Mr. Alan Refkin: You said the future berms over on Ben Hill Griffin. Are those the one near Capri?

Mr. Bernard: Yes. Starting from where ours ended, where you see all the mulch. We are just looking at that for future.

Mr. Refkin: In case it gets turned over, okay. That's good planning on your part.

Mr. Bernard: We are just looking at what we have now, and that for the future, so if we have to come up with total costs down the road, we have a number.

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Mr. Refkin: How many lakes are going to be over there? I just don't know if the CDD is going to be responsible for any of those. Not the big lakes obviously, but is any part of that going to be a part of the Water Management System?

Mr. Bernard: I think the cove areas, like we have now off the big lake, those cove areas cut in –

Mr. Refkin: And those will be part of the water management system, right?

Mr. Bernard: There will be drainage going into there.

Mr. Refkin: So, we will have to see what the cost would be if we decide to take those over.

Mr. Bernard: If Miromar development wants to turn them over to the CDD, we would take those as we go. That's incremental as we add that section.

Mr. Refkin: Is there any timetable, or do you know of a timetable? A guestimate as to when those berms might be turned over? Are we talking 3 months from now or 6 months from now?

Mr. Bernard: We don't have any yet.

Ms. LeFevre: We talked last time about the cost of a permanent repair of the Ravenna shoreline.

Mr. Bernard: The cost it would take to do the riprap for the whole Ravenna shoreline to put it to the standards of the other shorelines we have?

Mr. Ward: $115,000 dollars.

Mr. Bernard: Then on top of that the drainage portion in there for cleaning brings it to really $123,000 dollars.

IV. District Manager

a) Financial Statements for period ending January 31, 2020 (unaudited)

Mr. Ward: I have nothing for you. I do remember Mr. Weber had asked at the last meeting for a primer on accounting and CDDs, which I would be glad to do for you if you would like to hear it.

Mr. Weber: Yes.

Mr. Ward: Okay. If you would pull your financial statements and go to page 1. I'm going to give you some basic information on how governments do accounting. In contrast to the private sector, governments use what's called fund accounting basis. That means each set of bank accounts that you have is a discrete balance sheet and income statement. That discrete balance sheet and income statement are related to specific facilities that you operate and/or maintain and are bond issues that you have. So, for Miromar, we have what's called a general fund, which is simply all of your operations and maintenance activities, the part of the District that you go through on a yearly basis and adopt your operating budget. The debt service funds, they are segregated by the two series of bonds that we have: the 2012 bonds and the 2015 bonds. They

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held all of the assets and all of the liabilities with respect to the monies that come into us for payment of those bonds, and then the payment activities that go along with those bonds. As a subset of a fund, we have what are called account groups. Account groups are where we hold long-term liabilities and long-term assets that are really not balance sheet items because they are long term in the government sector. This is completely different in the private sector. In a governmental entity, we have a long-term debt account group, and we have a fixed asset account group. The long-term debt account group tells you how much money basically we have in order to pay bonds, which in this financial statement is $2.26 million, and how much we need in order to pay the remaining debt we have, which is $14.7 million. In our world, in the governmental world, they don't mean a whole lot, because your bonds are paid over a fixed amortization period for those bonds. There're 30-year debt from the time they were originally issued, so we don't call bonds early, we don't stretch maturities. They are a fixed schedule of when they are paid. So, it's just a number on a sheet. The $36 million, the investment in general fixed assets, is a number that is carried from the beginning of time, to the termination of your bond date. It essentially is all of the money that you paid out to purchase or acquire all of the assets you have, less the depreciation on those assets. In government, the depreciation means nothing, because at the end of the term of the bond, when all of the assets are depreciated, the assets are still there. They are just there as a matter of course. The depreciation is just a book entry that we are required to use. What we actually have in fixed assets is probably well in excess of $36.5 million, but that's the net number as of January 31, 2021. That is basically your balance sheet and how it works. I will take you down to page 2 and what we call the fund equity section. Fund equity, or fund balance, fund balance just means cash – how much cash do you have in the bank at the end of the period? In a general fund it is all what we call unassigned. Unassigned means it's not allocated for a specific purpose. Your general fund, if you look, you have an unassigned beginning balance of October 1, 2020 of $265,000 dollars. That just means that's the cash we have available on 10/01/2020 to start our current fiscal year, exclusive of what we assigned for other purposes. The unassigned reserve balance, we update that in October of each year, or November, towards the end of the audit, which is nothing more than the amount of cash from the prior year assigned to specific reserves, which we call in this particular district Board's operations, and the differential is what we call results in current operations. It's just where your cash is in relation to your expenses in the current period. Your debt service funds are what we call restricted fund balances. Restricted means that you can't use them for any other purpose other than what they are assigned to pay, which is debt service on bonds. So, that's what you see in there. Then account groups do not have a fund equity section. They just don't exist in our world. So, that's what a balance sheet really is for a governmental agency. If you go on to page 3 and 4, as I said, each fund has its own discrete set of books. Its own income statement basically. So, your revenues and expenditures sheet gives you what you have spent in the current period, what you have received in the current period, and then your total year-to-date, and that's benched against your revised budget, or total budget for the year. I don't pay a huge amount of attention to the month-to-month stuff, simply because you don't spend money on an equal month basis. You spend money as needed. We don't start programs like cane toad removal until sometime in the year, but I do pay attention to the percent of budget numbers in total. A good example is, in your revenue section, as of January 31, 2021, you received 77% of the revenue that you thought you were going to get for the entire year. If you look at the revenue, you see most of that's coming from what we call on roll assessment. The amount of money that you pay each year as a part of your tax bill that comes to the CDD. That basically tells you that 83% of your existing residents within the community have paid their assessments as of January 31. That's an okay number for January 31; that's

pretty good actually. And people pay based on what they feel their taxes should be. If they want to take the discount, they pay it in November or December. It may come in a little later. It just doesn't matter. This is a really good number because what's important is that the amount of money, for example, that we receive in January isn't January money. It's December money that doesn't get transferred to us from the County until the month of January. They usually do their distributions towards the end of the month or the beginning of the following month. So, all in all, you can look at that and say we've received $540,000 dollars over a $699,000 budget, so we are in pretty good shape. Then the developer, they pay their assessments on a quarterly basis to us for the property they own, so that will always be 100% by the time we get to the end of the year. Then I will generally look at your last page, which is page 5, and we have a $699,000 dollar budget and we have spent $123,000 dollars here to date, 19% of our total expected revenues of which we have collected 83% of that number. We are on good track. The reserve number, we put in the budget for purposes of knowing that it's there, but remember we are not spending it. It is going to the unrestricted reserve balances at the end of the year, so those numbers will stay like that and then at the end of the year, once I get my final cash, I reallocate that cash down into the unrestricted reserve line items that we have on the balance sheet. Then you have exactly the same kind of analysis on your debt service fund. So, your next page, page 6, you can see where your 83% of your special assessments on roll for your 2012, it is a very good number as of this point in time. We don't have any developer assessments on this particular bond issue. That means that all of the land subject to your 2012 bonds are in private ownership, individual homeowners, there is nothing in the developers name at this point, and then you have a little bit of money coming in from interest income on a yearly basis, and then it shows you the principal and interest that is due on the bonds. There is an extraordinary item we call principal debt service early redemptions. What that is, is as cash accumulates in what we call one a revenue bank account, an excess of what we need for principal and interest. I can redeem bonds on a periodic basis. In addition to that, if a homeowner comes in and wants to prepay the debt on their lot, that money goes into a special bank account and is used to prepay bonds. That's where you will see that occurring during the year. A $5,000 dollar increment simply means that over a couple of years we call bonds on a $5,000 dollar increment basis, so if you pay me $18,000 dollars, I can only call in $15,000 dollars in bonds. A couple of people do that over a period of a year or two, and we will get another couple grand in that bank account, and then I call bonds with it once it hits the $5,000 dollar increment. That's what you are seeing in this particular line item. Then you see the fund balance. And as I said those fund balances are all restricted. The 2012 and the 2015 bonds are exactly the same format for the analysis of those, and I make no changes in that formatting style. That's kind of a very short version of how financial statements have been prepared for decades.

Mr. Mike Weber: My question is on the cane toad removal, the year-to-date is $13,000 dollars for four months, the budget is $11,000 dollars, so my question is, as I believe I heard someone say we are going to split the cost with Miromar. So, is this already split?

Mr. Ward: This is already split. We do not pay –

Mr. Mike Weber: What I look at is in four months we are already over budget. Same thing with the aeration system. And again, they are not huge amounts of money per se, so, I am just pointing that out.

Mr. Ward: Okay.

Mr. Bernard: On the cane toads, if you remember, we had a discussion before. Miromar's budget for cane toads does not start until January. We picked up the first three months because that was our budget year. Miromar is going to start picking up the cane toads now on their budget. All we will be using now out of our budget is the other portion, the skimming. We will be doing the skimming part. Miromar is going to pay for the cane toad collection. If you remember, when we put this budget together, in July of last year, we did not know how expensive this cane toad problem was going to be. At first, we just had a few, now we have them in multiple communities. The total p.o.'s for the skimming contractor and the cane toad collector contractor is $60,000 dollars. So, we are going to pay our $30,000 by the end of this year and Miromar will pay their $30,000 dollars. On the aerators, we usually put $2,000 dollars a year in for diffusers and stuff, and maintenance of them, but this year, back in October we had a problem with a fountain which was a $6,000- or $7,000-dollar budget item, and that's where we had to go since we had nothing in this budget for fountains since we only had one fountain. And as something big went like that, well, we had to rebuild the fountain, and it came in at $6,800 dollars. Maybe next year we will put in a line item for that one fountain, but it doesn't happen every year, so I don't know if we just want to bump up the aerator or put a fountain number in, because I don't like to put a lot of money in an item if I know I am not going to spend it, because that money is just sitting there. I would rather put it in contingencies that put it on a line item. Whatever way Jim wants to put it in the budget, we will look at it.

Mr. Ward: Your point on the cane toad, clearly that number has geometrically increased since we started that program, and clearly for Fiscal Year 2021, which is the year we are in, that number is going to be way over what we budgeted. It's going to be $30,000 dollars.

Discussion ensued regarding the cane toad budget amount and contingency funds.

Mr. Mike Weber: On page 2, in the general fund column. I've read the past two meeting's minutes, and it appears to me the Board has wanted to set aside funds for disaster relief and water management system, but setup money aside in case in 5 years, 7 years, 10 years from now another Irma comes along. So, you show the $265,000 in unassigned balance which rolled over from September 30, and you have the 50 45. That 50 45, does that relate to 9/30/20 or does that relate to this year?

Mr. Ward: 9/30/20

Mr. Mike Weber: So, for financial purposes, the $265,802, should be minus the 95, and $321,951 should be $416,959.

Mr. Ward: What would be the proportions here are the 50 and 45 for the current fiscal year, but I don't show it that way.

Mr. Weber: I understand that. I'm just saying that this $321,951, would you say is the current operations. The number if you go to page 5 is $416,959. So, I think that's what number should go there and the 95 should come out at the 265 for presentation purposes, because the 95 comes out of the 265.

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Mr. Ward: I understand what you are saying, but I don't do it in mid-year. I do it at the end of the fiscal year.

Mr. Weber: The $265,802 is what the number was and includes the 95, is what my point is. So, when you take the 95 out you've got to reduce the 265. And the 321 is the current operations which is really 416. You took it out of the current operations as if you used –

Mr. Ward: No, let me go back. The 265 is the net of the 95. It is not including the 95. Your actual cash at 10/01/2020 was 265 plus 50 plus 45. What I do is, once I get the final fund balance, I make the adjustment downwards to reflect this.

Mr. Weber: I couldn't find the September 30 statement.

Mr. Ward: Yeah. I can send them to you, but I don't make those adjustments until November or December because we are not through making the adjusting entries for the prior year until late November. I usually don't do that until December. And I think I was late this year. I did it in January, if my memory serves, but I usually do it after.

Mr. Weber: Another question, the 95 is the setup reserves? And you mentioned this is unassigned cash. Why wouldn't we show it as a separate fund so that we take the money out of the cash account and put it in a separate account, so we don't spend it? My point is, we can call it unassigned, and we can just call it a reserve. We don't have to say water management or disaster relief because as soon as I see water management and disaster, I'm thinking you are not going to spend that money for anything but that.

Mr. Ward: In the governmental world, you can put it in another bank account, and we can call it general fund II, but at the end of the day, legally, it's unassigned. You can then do whatever you like with it.

Mr. Weber: So, you are saying legally we can't set up a separate account?

Mr. Ward: I can set up a separate bank account, but the board always has the discretion to do what they want with that money, no matter what you call it on a piece of paper.

Mr. Weber: So, the next Board that comes in can say "I like that money, I think I'll spend it."

Mr. Ward: Right. And the funds where you can't do that, like our debt service funds for payment of bonds, or if we have what we call a capital project fund, but these are all a general fund and legally you do whatever you want with it, whenever you want.

Mr. Weber: I guess a good way of expressing that too is, yeah, this is what we would like to reserve it for; however, if something comes along that we didn't anticipate, then we have to have a source. And a great example of that is the lawsuit a few years ago. I mean, there was nothing. We had to invade the reserves.

Mr. Doug Ballinger: Is that 265, is that the money that you were talking about because it's September 1 and you had to have funds available for October, November and December until you got your money as the tax roll funds started coming in?

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Mr. Ward: Yes. You need on average 3 months of operating cash in order to fund the first 3 months of the fiscal year because remember, you don't get your bill until November, you pay it November 30, we don't get the money until usually the week after New Year's. Sometimes we get it in December, but most of the time we get it in January. So, you're operating on your cash from last year in order to fund it.

Mr. Alan Refkin: We are over-funded in that a little bit. From what you've told me.

Mr. Ward: Personally, I will tell you, you are over funded in terms of cash requirements for October, November, and December, but in terms of what we call reserves, it is extremely minimal.

Mr. Alan Refkin: Weren't we talking about increasing the reserves? I mean, that's been the discussion for a while.

Mr. Mike Weber We were bouncing around numbers because we ended up with $100,000 dollar year.

Mr. Alan Refkin: How do we get to a determination of what we really need to have as a good reserve?

Mr. Ward: Okay. Let's go back and understand what happened. If my memory serves me, and it is fading these days, but if my memory serves me, we had roughly $300,000 or $350,000 or maybe a little more than that four or five years ago. Then we went through hell with Irma, we went through hell with this litigation. Our reserve cash dropped to under $100,000 dollars. I barely could make it through the first three months. So, then we changed the budget. We moved the landscaping over to the HOA. We got this back on track again, and over a 3-year period, whenever Irma finished, we got our balances back up to something where I think we can all breathe at this point. This is a decent number to have. It meets our obligations, and we have got a little bit of money stuck in disaster relief. $45,000 dollars in petty cash. It's like let's go buy coffee at 7-11 kind of money. So, does it need to be increased? Yes. I will tell you honestly that whatever you put in a disaster relief fund you are going to be told it's too much, it's too little, it might be enough, it just is what it is, because you can't predict what a storm is going to do to any one of these communities. So, if you are saying could I take whatever I don't need in the fund balance, the cash piece that's not reserved for either of those two, and move it into this disaster place? I would go yeah, that's cool, let's do that, but it is still probably is never going to be enough. It's just going to give you maybe $100,000 dollars on a multimillion-dollar system. It is what it is at this point in time. Landscaping, I think, honestly, we got all caught up in the reserve number and what that should be, and probably we should have done that a whole lot differently than I did that, but that is what it is. But I think on a going forward basis we can hone these numbers a little bit. The $50,000 dollars for reserve for drainage, if that increases a little bit every year we are still in good shape. The disaster relief, it's anybody's call what you make it. I will tell you the hundreds of governments I see in this state in 40 years all have a different opinion on what they should do with the disaster relief. It's just all over the board.

Mr. Mike Weber: I think there is a fine line between not having a reserve at all, and having one, but one that isn't going to be material from a standpoint of fees the community has to pay on an

annual basis. So, you want to build a reserve, but you don't want to have it so that the community feels it. That's the tough part. What's that number? And we've got $100,000 dollars, so over ten years we will have $1 million dollars.

Mr. Alan Refkin: You're right. And Miromar hasn't taken over the landscaping like they did, we would have had to make an assessment because we were that short of the cash. That's what we are trying to come up with because Miromar is going to be turning more and more over to us. We are going to be getting berms, we are going to be getting new water management systems. What Bruce is going to be doing in the storm drainage, that's going to increase as we get these sections turned over to us, so our demands are likely to increase. Our reserves are likely to need to be increased at some point, but I hear what you're saying Mike, which makes perfect sense. What is that number, so we don't inflict pain, but then again, so we have enough so that people won't get an assessment.

Mr. Ward: Here's a good way to think about it: Every hundred thousand dollars costs $59 dollars per year, per resident. So, $60 bucks gets you $100 grand. We are now basically saying, of your total assessment, $60 dollars of that goes toward your reserve. That's not an unreasonable number, and in light of trying to be cognizant of what people have to pay, that's a good number right now.

Mr. Mike Weber: The only other options we really have, if we really want to protect ourselves would be to hire an outside firm to come in and do a full assessment and say from our professional opinion, this is what we should be reserving. And now you've got something to fall back on as a Board saying well, we hired a company, we've got this number, and this is what we are using, so nobody can really discredit you. However, what we're doing is just picking a number, so we are kind of open for criticism because we don't really have anything to base it on. So, we might want to think about getting an outside firm to actually give us a number so we at least know what it is, and we can see if it is realistic to try and pursue it.

Mr. Ward: I think, if we are going to reevaluate this landscaping, that is exactly what we need to do on the reserve side of this. The drainage is easier, but that clearly is a very big nut to crack.

Mr. Bernard: Just from Irma, which was a 1, we had as much repair in riprap, as we did in landscaping. We spent $330,000 dollars on riprap lake bank. We spent $368,000 on landscaping. You guys are saying go out and do this. Now, you've got to work the worst-case scenario if a category 4 storm hits. You can see these numbers are going to – even without the landscaping, just the riprap alone I think would be up to $1 million dollars. Because with a category 1 storm we spent $330,000 dollars.

Mr. Mike Weber: That's a good point, those are serious numbers. I for one would like to find out what it would cost us to have an analysis done and come back with an expert opinion. If it's a reasonable number I think we should do it. And maybe we don't use that number ultimately because it is going to inflict too much pain, but at least we know if we are close to it, if we are far from it, and if we are far from it maybe we want to modify this a little bit. I think just sitting here without any independent professional input leaves us open for criticism.

Mr. Ward: I think those independent people who do that are under $10,000 dollars for that kind of a reserve study to be done. I think the hard part is I'm not sure many of them do these for

governments. I'm used to seeing them for homeowner's associations, but not governments. I think you probably have a good point. I think we probably ought to do this as part of the budget process this year, clearly for the drainage system. We are going to need some help from CGA clearly to put numbers together for this entire drainage system and landscaping is the same way. We can work on that over the next couple of months.

The Board agreed this was a good idea.

Mr. Mike Weber: I think the important part of the reserve minimally is that you have enough in there that when there is a hurricane, that you minimally have enough money to do what needs to be done immediately, and then if you need to do a special assessment, you have time to do a special assessment. But at least have enough money to cover the initial output because you will be immediately be hit with some pretty big bills.

Mr. Ward: We will get started on that. It's February, so I'll probably be producing a budget in April or May anyway. It probably won't be ready in time for the initial budget, but let's get started with it and see where we get to.

Mr. Weber: This study that we want to investigate, does that require waiting until the budget is done?

Mr. Ward: No. I would like to do it in concert, but we will get it started ahead of time. My budget will probably be a little behind the times, but that's okay.

Mr. Weber: We would like to know the results of that study for when we are putting together next year's budget. We can look at the results of it and say, okay, do we need to boost the reserve? And if we do, we can put that in play.

Mr. Ward: We can try to get that done for you. We can't promise that one because we have very specific timelines on that budget for presentation and adoption, so these companies are usually long lead times, so we will see what we can do for you.

Mr. Alan Refkin: Who is giving us the landscaping estimate?

Mr. Bernard: Our landscaping division. That and I've also told them I wanted a worst-case scenario for hurricanes and such.

Mr. Weber: Jim, thanks for going through that. It was long overdue. We should probably do this once a month. And speaking of that, I noticed in Form 1, it says we are supposed to do ethics training once a year?

Mr. Ward: It's not required. It's only required for county commissions.

FIFTH ORDER OF BUSINESS Supervisor's Requests and Audience Comments

Mr. Ward asked if there were any Supervisor's requests.

Draft

Ms. LeFevre: Can we talk more about the landscaping from last month?

Mr. Alan Refkin: Bruce is going to get us an estimate on that and that's what I was just asking. Bruce has gone to his team on that.

Mr. Bernard: We are going to get a whole price book put together.

Ms. LeFevre: I was just a little concerned about exactly what they are doing with our property too because, I'll tell you, meanwhile, when we drove down from the Ben Hill Griffin side. There are plants missing and it doesn't look like –

Mr. Alan Refkin: You need to remember Mary, when we had it, we were like, anal retentive on that because we were talking about when they took the trees out – but the point is they haven't kept that up to the standard that I think is Miromar's standard. But I think it really revolves around Mike's point: Let's find out from somebody other than Miromar what the cost is to see what the burden is because I think we got tattooed by Miromar because of that big increase in our dues from 14 something to 16 something which is supposed to be the landscaping and all that, and all we were talking about was a one-time assessment of like $300 dollars or something.

Ms. LeFevre: I don't know about that. All I know is, what are they doing with the money given to them for landscaping our property? It clearly is not being spent on Ben Hill Griffin. The medians are not kept up.

Mr. Refkin: We have one firm doing theirs and "ours" and that was always a problem last time, because as Bruce will tell you, they gave a little more priority to Miromar than they did to ours until ours looked a little bit less than perfect in some areas.

Ms. LeFevre: And they were also all over us about the medians and wanting the medians pristine and I sat in meetings that were all about making sure when we took over the medians – well, how come they are not doing that now?

Mr. Bernard: I can definitely say I have driven around here and from what they used to get on us about, they are not even keeping it up. If you go down 75, the berm is all full of weeds, the big 2-mile berm we have on Ben Hill Griffin is not to the standard they used to have. If there was a brown spot, I used to get a call from Miromar Lakes, and now there are weeds growing in there. It's not what they held us up to, let's just say.

Mr. Refkin: It was landscaped to a higher standard when we had it, but here is the overall question, and I'm not advocating this, I'm just throwing this out there. If we take it back over here, do you think Miromar is going to drop the dues over there for that delta? I guess I'm just trying to figure out what's best for the community. But you are right, the standard they have is lower than the standard we had, and lower than the standard they applied to us to maintain.

Mr. Weber: When Tim came and offered to take over the responsibility of maintaining all the berms and everything for the CDD, and then talked about the benefits as far as the preserves, and also supposedly getting the benefit of a larger contract which could result in a less expensive cost, overall, when you put the two together, so there should have been a benefit there. And we liked what we heard and obviously we went with it. But my understanding is that it's still our responsibility. We have the ability to go to

Tim and say we want it back, and this isn't like a one-time deal where we give it to him and it's over. We can take it back if we don't like the results. So, then the issue is, do we go to Miromar and say we don't like the standards to which you are maintaining the CDD property and if you can't get it up to speed, then we would like it back. Then see what they say to that. That might trigger a "wait a minute, we'll fix it" or they might say "okay, take it back." But anyway, at least we have an option then for pursuing it and getting it to the standards it should be at.

Ms. LeFevre: I think we should be managing that, whether it's the state or with Tim and Miromar, whatever, we should be saying to them, look, just like they did to us, "you are our vendor, we've given this to you, but it's our property, we want you to keep it up to our standards. Go fix it."

Mr. Refkin: The whole problem is, they should want the same standards. We should all want those same standards. But that's a good suggestion.

Mr. Weber: Maybe the first step would be to go to Tim and say we are not happy with the quality of work they are doing and see how he responds. If he says he will put somebody on it right away, then okay, great. If it's like oh, too bad, then we need to talk about it.

Mr. Ward asked if there were any Supervisor's requests; there were none. He asked if there were any audience comments; there were none.

SIXTH ORDER OF BUSINESS **Adjournment**

Mr. Ward adjourned the meeting at 2:58 p.m.

On MOTION made by Mr. Alan Refkin, seconded by Ms. Mary LeFevre, and with all in favor, the meeting was adjourned.

ATTEST: **Miromar Lakes Community Development District**

_____ _____

James P. Ward, Secretary **Alan Refkin, Chairman**

Draft

First Time Reserve Study Report Proposal

DATE: February 22, 2021 (To be done in **2021**)

CLIENT: Miromar Lakes Community Development District
Miromar Lakes Parkway, Miromar Lakes, FL 33913

PROPERTY: Miromar Lakes Community Development District
Miromar Lakes Parkway, Miromar Lakes, FL 33913

INTRODUCTION: Dreux Isaac & Associates, Inc. will perform a First Time Reserve Study of the property listed in this proposal. The Reserve Study Report we prepare for each property will contain two methods for calculating reserve contributions. The first method, a straight-line component plan, includes a detailed categorized reserve component schedule which lists every reserve component, its' current cost, life expectancies, accumulated cash balance, the unfunded balance and recommended contribution amount. The second method, a thirty-year cash flow plan, includes the same reserve component list, but calculates the reserve contribution based on combined reserve expenditures over a thirty-year period, factoring in interest and inflation.

Each First Time Reserve Study Report will contain a summary of findings and recommendations, the two methods of calculating reserve contributions previously described, supporting charts and graphs as well as property photographs and general reserve information. The report will also comply with auditing guidelines from the American Institute of Certified Public Accountants, which require full disclosure on the adequacy of reserves.

SCOPE OF WORK: **On-Site Survey –** We will perform an on-site survey of the property listed in this proposal. While on-site, we will meet with available personnel (manager, maintenance engineer, board/committee members, etc.) to discuss specific reserve concerns. We will then identify the reserve components and collect specific information on each including age, history, quantity and condition. Photographs and measurements will be taken as needed.

Physical Analysis – We will research relevant background information on the property, review past reserve related work and, if necessary, contact those involved. We will also investigate any possible reserve requirements. A takeoff of information will be performed from available construction drawings. Current repair and/or replacement costs for each reserve component will be estimated. Useful and remaining life expectancies for each reserve component will then be projected.

Financial Analysis – We will input current reserve financial data including budget contributions and fiscal year end balances. From there future reserve contribution amounts will be calculated. Lastly, we will analyze, adjust and finalize study findings and recommendations.

Report Preparation – We will prepare and send to the client a pdf copy. One bound color copy with be sent by request only (please check the box provided below). Each Reserve Study Report will include a summary of recommendations and findings, a straight-line segregated reserve component plan and schedule, a thirty year cash flow plan and schedule, supporting charts, graphs and property photographs.

First Time Reserve Study Report Proposal

February 22, 2021
Miromar Lakes Community Development District
Miromar Lakes Parkway, Miromar Lakes, FL 33913

UPDATE REPORT: For future years (and budgets) clients who have had a First Time Reserve Study Report prepared by our firm will have the open-ended option of requesting a Reserve Study Update Report. In each update report, any reserve related changes made to property since the time the last report was prepared will be reviewed. Based on the latest available data, all reserve component costs and life expectancies will be adjusted accordingly. Current financial data will be entered in and a new analysis will be performed. The update report will be prepared in our office without an on-site visit. Future site visits may be recommended when substantial changes are made to the property and/or to observe the present condition and rate of deterioration of the reserve components.

FEES: First Time Reserve Study Fee: **$14,500.00** **First Year (Year)** Update Fee**: $2,900.00**

The First Year Update Fee is an open option for the client and shown for information purposes only. Acceptance of this proposal does not include acceptance of the First Year Update Reports.

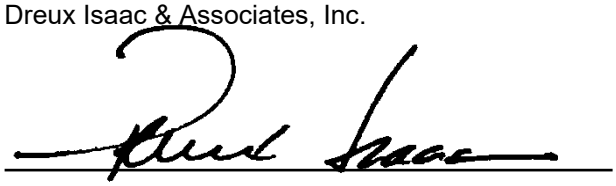
FEE PAYMENT: The First Time Reserve Study fee payment is as follows: 50% is due upon completion of the on-site visual observation inspection portion of the work. The remaining 50% balance is due upon the client's receipt of the pdf. You have 30 days to make any corrections or revisions. We do two sets of changes to account for errors/omissions and then charge thereafter for any additional changes. After 30 days, payment will be considered "past due".

No reports will be printed (only a pdf copy) unless indicated below:

☐ ***PLEASE CHECK IF YOU WOULD LIKE 1 COPY SENT.***

TIME FRAME: As of this proposal date, the estimated starting time frame for the work proposed will be in **July of 2021**.

CONTRACTOR: Dreux Isaac & Associates, Inc.



Dreux Isaac, President — February 22, 2021 (Date)

ACCEPTED: Miromar Lakes Community Development District

Authorized Signature — Date

Name (Please Print) — Position/Title

HOLE MONTES
ENGINEERS · PLANNERS · SURVEYORS

6200 Whiskey Creek Drive Fort Myers, Florida 33919 Phone: 239.985.1200 Fax: 239.985.1259

February 22, 2021

James P. Ward
District Manager Miromar Lakes CDD
C/o JPWard & Associates, LLC.
2900 Northeast 12 Terrace, Suite 1
Oakland Park, FL

RE: Florida Gulf Coast University, Dewatering effluent.

HM Project No. 2003.022

Dear Mr. Ward:

Please accept this letter as a confirmation of my review of the information provided by Johnson Engineering regarding the dewatering activities connected to construction of new facilities located on the FGCU campus. The information provided indicates the effluent from the dewatering activities will discharge into the surface water management system for FGCU located south of our main outfall . The surface water managements system discharges into adjacent wetlands owned by FGCU located approximately 6,000 lf downstream from the Miromar Lakes control structure for the main recreation lake owned by the CDD.

The water from the surface water management system for FGCU will travel downstream to the Estero River, passing through CDD owned wetland mitigation parcels, M-3 and M-4, as it moves toward Ester Bay. M-3 and M-4 are part of the main flowway for the main branch of the wetland slough and receive water from all the land east of Miromar Lakes, located in the Estero River watershed.

As such I understand proposed dewatering activities will receive treatment by the surface water management system for FGCU prior to discharging to wetlands owned by FGCU. The discharged water will travel approximately 500 ft over existing wetlands before reaching wetland mitigation area M-3. This distance will provide additional treatment time for any suspended solids to precipitate out of the effluent water prior to reaching M-3.

I have attached an exhibit provided by Johnson Engineering, to show the location of the FGCU outfall and the estimated path the water will follow to reach wetland mitigation areas M-3 and M-4. It is my understanding that SFWMD is looking for our acknowledgement of these activities an that water from FGCU will be passing through the CDD owned wetlands on its way to the Estero River. To that end I have provided an acknowledgement letter of the proposed dewatering activities that Johnson Engineering can provide to SFWMD staff.

Please feel free to contact me if you have any questions.

Very truly yours,

Charles L. Krebs

Charles L. Krebs, P.E.
HOLE MONTES, INC.

Enclosure

Dbm/clk

h:\2003\2003022\wp\engineers report\2021-02-22 fgcu wetland dewatering\2021-02-22 fgcu dewatering.doc

Miromar Lakes CDD
Wetland Mitigation
Area M-1

Main Recreation
Lake outfall

Miromar Lake CDD
Wetland Mitigation
Area M-2

EXISTING
OUTFALL CS-02

Flow from FGCU
through Wetlands
to Estero River

Miromar Lakes CDD
Wetland Mitigation
Area M-3

Miromar Lakes CDD
Wetland Mitigation
Area M-4

FGCU LAKE PKWY EAST
FGCU BOULEVARD NORTH
FGCU BOULEVARD SOUTH
FGCU SOUTH BRIDGE LOOP ROAD
BEN HILL GRIFFIN PKWY
FGCU BOULEVARD

PARKING GARAGE 3
DANIELS PUBLIC MEDIA CENTER
PARKING GARAGE 4
MARIEB HALL
EDWARDS HALL
MERWIN HALL
GRIFFIN HALL
REED HALL
WHITAKER HALL
LUTGERT HALL
HOLMES HALL
SIEDLER HALL
CONSTRUCTION LAB
EXISTING LAKE
LIBRARY
COHEN CENTER
SUGDEN HALL
PARKING GARAGE
McTARNAGHAN HALL
HOWARD HALL
WELLNESS CENTER
WELCOME CENTER
CENTRAL ENERGY PLANT
ART COMPLEX
CAMPUS SUPPORT COMPLEX
PARKING GARAGE 2
SOUTH VILLAGE

CENTER FOR ENTREPRENEURSHIP & INNOVATION
PROJECT LIMITS

SCHOOL OF WATER RESOURCE & INTEGRATED SCIENCES
PROJECT LIMITS

TURBIDITY
SAMPLING LOCATION

FGCU PROPERTY
BOUNDARY

21.12 21.13 21.18 21.11 21.04 20.81 20.84 21.02 20.95 21.10 21.14 20.93 20.92 20.95 20.91 20.71 20.95 20.93 20.71 20.90 20.83 20.77 20.85 20.82 20.93 20.73

0 150 300 600
(INTENDED DISPLAY SCALE: 1"=300')

LEGEND

- EXISTING CONSERVATION AREA
- 20.95 ELEVATION OF TOP OF BERM FOR BASIN 2
- OVERALL SURFACE WATER FLOW DIRECTION

ALL ELEVATIONS ARE REFERENCED TO NAVD 1988, UNLESS OTHERWISE NOTED

AERIAL PHOTOGRAPH SOURCE: MR. SID – FLIGHT YEAR: 2020

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

JOHNSON ENGINEERING
JOHNSON ENGINEERING, INC.
2122 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE: (239) 334-0046
FAX: (239) 334-3661
E.B. #642 & L.B. #642

FLORIDA GULFCOAST UNIVERSITY

MASTER DRAINAGE EXHIBIT
LEE COUNTY, FLORIDA

REVISIONS
NO. | DESCRIPTION | DATE

DATE: FEBRUARY 2021
PROJECT NO. 20139466-015
FILE NO. 13-46-25
SCALE: 1" = 300'

EXISTING OVERALL SURFACE WATER FLOW

SHEET NUMBER
02

\\ftms01\Drawings\2013\20139466-015\ArcGIS\Permit Modification\Loop Road Drainage.dwg (Layout1) ljc Feb 05, 2021 – 9:09am

Re: Florida Gulf Coast University
Dewatering Effluent Routing and Discharge

My purpose in writing this letter is in response to a request from Johnson Engineering, as part of a permit modification to the existing Master Dewatering Permit for FGCU. The Miromar Lakes Community Development District ("MLCDD") has been asked to provide to the South Florida Water Management District (SFWMD) this District's "approval" of this project.

The MLCDD can only provide an acknowledgement of the activities being undertaken by FGCU, however we make no findings whatsoever, that this activity is approved by MLCDD. We share the SFWMD concern that this activity will enter components of the existing conservation areas owned by MLCDD and would recommend that the SFWMD impose a restriction for continued monitoring of the effluent leaving FGCU prior to entering the MLCDD conservation areas. We request a notification requirement be included in the permit approval, to notify MLCDD and SFWMD if effluent turbidity exceeds 29 NTU above the existing water quality. If the turbidity exceeds 29 NTU all dewatering activities would cease until such time as the turbidity has improved. If turbidity cannot be controlled the applicant would be required to find an alternate way to treat the effluent before discharging from FGCU.

We encourage SFWMD to monitor and stop immediately any discharge into the MLCDD system, that does not meet the standard enumerated in this letter.

Sign: _____ Date: _____

DEWATERING INDIVIDUAL WATER USE PERMIT APPLICATION

FLORIDA GULF COAST UNIVERSITY MASTER DEWATERING

Submitted to:

South Florida Water Management District

Prepared for:

Florida Gulf Coast University
10501 FGCU Boulevard South
Fort Myers, FL 33965

Prepared by:

Johnson Engineering, Inc.
Post Office Box 1550
Fort Myers, Florida 33902

February 2021

BACKGROUND

The Florida Gulf Coast University (FGCU) project site is located east of Ben Hill Griffin Parkway and between Alico and Corkscrew Roads, in Sections 11, 13, 14, 23, and 24, Township 46 South, Range 25 East in Lee County, Florida.

Florida Gulf Coast University has been permitted for construction by the SFWMD since 2006 and will continue to have large construction projects, including expansion and construction of new academic buildings, faculty and student support buildings, underground utility installations, athletic fields and road construction. FGCU has proposed projects extending into 2030. Proposed FGCU projects will require dewatering during the construction activities associated with the construction of drainage structures, underground utilities, road construction, site preparation, footers/pilings and elevator shaft installations. Specifics of all dewatering efforts are not known, but the project will follow the previous permitted dewatering plan. Projects within the campus center (inside the "loop road") may need to discharge dewatering effluent offsite via the existing surface water management system. As the campus becomes increasingly developed, less area remains to store dewatering effluent without the potential for offsite discharge.

Two out parcels, West Lake Village and East Lake District were added to the project boundary during the previous permit renewal in 2016. Each parcel is located approximately within a mile of the main campus and will require dewatering activities associated with athletic field construction, underground utility installations and road construction.

FGCU requests a modification and renewal of the master dewatering permit for FGCU to cover proposed and ongoing projects, and to allow for offsite discharge of dewatering effluent. Dewatering activities proposed under the master dewatering permit application are consistent with the previous permitted dewatering operations that have taken place at FGCU over the past 15 years of construction.

The campus has four drainage basins set in the surface water permit 36-02881-S for stormwater management. The outfall for each basin proximate to the dewatering operation shall be temporary blocked to prevent dewatering effluent from leaving the site, except in the case of projects inside the loop road, which request offsite discharge (Basin 2). Basin 1 is in the western part of the campus near the entrance and will have an alumni center constructed along with road, parking and utility improvements. Basin 2 located in the center of the campus proposes the addition of as many as eight academic buildings including labs and Energy Plant expansion and road improvements. Construction in Basin 3 in the north eastern portion of the property will consist of utility installations, athletic field construction and road installation. Basin 4 in the southern portion of the campus proposes the construction of a Student Academic Health and Life Fitness Center and entrance and access road improvements. Other smaller construction projects, such as building and parking lot expansions, are expected to utilize the existing stormwater management system for the most part.

Maximum dewatering depths will range between 12 and 20 below land surface. The applicant will retain dewatering effluent on-site to the extent practicable in temporary retention areas and the existing stormwater management system. Currently undeveloped areas may also be used to construct particulate settling basins for dewatering effluent. Appropriate turbidity controls will be used and a turbidity monitoring program will continue to be implemented.

Based on soil borings the upper 25 feet of the Water Table aquifer consists of fin-grained sand and a mixture of fine, silty sand and weathered limestone. Caprock is encountered at some locations at depths between 6 and 23 feet bls, and limestone is absent from land surface to 25 feet bls at other locations. The thickness of the Water Table aquifer is approximately 60 feet from land surface elevation of 19.5 feet NGVD to -40 feet NGVD.

In areas where protected wetlands remain, such as those under conservation easements, the applicant will use hydraulic recharge trenches between wetlands and active dewatering locations, as necessary, and on-site storage of dewatering effluent to the extent feasible in order to minimize impacts to wetlands. The project will also use particulate settling basins, silt fencing and other appropriate turbidity control measures to prevent adverse impacts to wetlands and nearby surface waters during construction activities.

CHECKLIST
FOR
INDIVIDUAL WATER USE PERMIT APPLICATION

Section I

Contact Information

1. **1.** Applicant:
   Florida Gulf Coast University is the applicant and owner of the property.

2. Owner:
   TIITF owns the property. Proof of legal control is provided as Item I-2.

3. Engineering Firm:
   Kim Arnold, P.G. of Johnson Engineering, Inc., 2122 Johnson Street, Fort Myers, Florida, 33901; 239-334-0046 is the consultant for this application.

4. Compliance Contact:
   Tom Mayo, 10501 FGCU Blvd South, Fort Myers, FL 33965; 239-590-1504 is the compliance contact.

Section II

Application Information

1. Type of Application:
   The application is for a Master Dewatering Permit renewal.

2. Permit Duration:
   A 10-year permit duration is requested given the historical nature of the requested dewatering activities at the project site without any adverse impacts and the continued future needs for dewatering.

3. Project Name:
   The project name is Florida Gulf Coast University Master Dewatering

4. Environmental Resource Permit:
   An Environmental Resource Permit has been obtained: 36-02881-S.

Section III

Use Category

The use category is Dewatering. Supplemental Form D is attached.

Section IV

Sources of Water

Water will be withdrawn from the Water Table aquifer using pumps and/or well points for temporary construction dewatering activities.

SUMMARY OF SURFACE WATER PUMPS

Pump Name or Number	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Pump 6
Map Designation	P-1	P-2	P-3	P-4	P-5	P-5
Surface Water	Water Table	Water Table	Water Table	Water Table	Water Table	Water Table
Local Drainage	N/A	N/A	N/A	N/A	N/A	N/A
Existing or	Proposed	Proposed	Proposed	Proposed	Proposed	Proposed
Date (to be)	2016	2016	2016	2016	2016	2016
Pump Type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Pump Capacity	2,000	2,000	1,500	1,500	1,500	750
Pump	80	80	50	50	50	25
Pump Diameter	12	10	8	8	8	4
Pump Intake Elev. (ft NGVD)	0	0	0	0	0	0
Status	Primary	Primary	Primary	Primary	Primary	Primary
Purpose	Dewatering	Dewatering	Dewatering	Dewatering	Dewatering	Dewatering
Two Way Pump?	No	No	No	No	No	No
Water Use Accounting						
Date Last						
Planar Coordinates (FL	TBD	TBD	TBD	TBD	TBD	TBD
Section-Township-	13/46S/25E	13/46S/25E	13/46S/25E	13/46S/25E	13/46S/25E	13/46S/25E

Section V

Evaluation of Reclaimed Water Feasibility

Not applicable; requested use is dewatering

Section VI

Summary of Request Water Use

REQUESTED AMOUNTS AND SOURCES OF WATER

Source Name	**Total Requested Water Use**
Water Table	
MGY/MGM	**MGY/MGM**
3,600/500	3,600/500

Section VII

Aquifer Storage and Recovery

Not applicable

Section VIII

Impact Evaluation

See attached Supplemental Form D for applicable dewatering information.

Section X

Attachments

The following attachments are included:

Item I-2 – Proof of Ownership

Item D2-1-D – Wetland FLUCCS Map

Item D2-1-F – Regulatory Database Search Report for Nearby Contaminated Sites

Item D2-1-I – Drawdown Calculations

Item D2-1-K – Dewatering Site Plans

Item D2-1-L- FGCU 2015-2025 Master Plan

Item D3-2 – Dewatering Operations Plan and Turbidity Monitoring Plan

Item D4 – Dewatering Calculations

WATER USE PERMIT APPLICATION

South Florida Water Management District

3301 Gun Club Road, West Palm Beach, FL 33406
(561) 686-8800 www.sfwmd.gov/ePermitting

SECTION I – CONTACT INFORMATION

WATER USE PERMIT # (if application is for renewal or modification): 36-05837-W

If necessary, attach additional sheets if there are multiple applicants, owners, agents, etc.

1. **APPLICANT** (Complete legal name in which permit should be issued)

   NAME: Florida Gulf Coast University

   If applicant is a business, provide a contact person: Steve Magiera

   ADDRESS: 10501 FGCU Boulevard South

   CITY, STATE, ZIP: Fort Myers, FL 33965

   PHONE: (239) 590-1129 CELL PHONE: ( )

   EMAIL ADDRESS: smagiera@fgcu.edu

   Applicant is: ☒ Owner ☐ Lessee* ☐ Other (explain)
   *Attach copy of current lease, or written authorization from property owner

2. **OWNER** (If different than applicant)

   NAME: Same as above

   ADDRESS:

   CITY, STATE, ZIP:

   PHONE: ( ) CELL PHONE: ( )

   EMAIL ADDRESS:

3. **AGENT OR CONSULTANT**

   NAME: Kim Arnold, P. G. COMPANY NAME (if applicable): Johnson Engineering, Inc.

   ADDRESS: PO Box 1550

   CITY, STATE, ZIP: Fort Myers, FL 33902

   PHONE: (239) 334-0046 CELL PHONE: ( )

   EMAIL ADDRESS: kka@johnsoneng.com

4. **COMPLIANCE CONTACT** (Person responsible for sending compliance reports to the District)

   NAME: Tom Mayo

   ADDRESS: 10501 FGCU Blvd South

   CITY, STATE, ZIP: Fort Myers, FL 33965

   PHONE: (239) 590-1504 CELL PHONE: ( )

   EMAIL ADDRESS: tmayo@fgcu.edu

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

SECTION II – APPLICATION INFORMATION

Refer to the Applicant's Handbook for permit application guidance, located online at www.sfwmd.gov. If any fields are not applicable for the proposed use, write N/A in the field.

1. **TYPE OF APPLICATION:** ❑ New ☒ Modification ☒ Renewal
   If this application is for a modification, please describe the modification request and the reason the modification is necessary. This modification is to request off-site discharge during construction related dewatering activities within the inner portion of the main loop road of the campus.

2. **REQUESTED PERMIT DURATION**: ❑ 20 years ☒ 10 years (up to 20 years)
   ❑ I qualify for a duration greater than 20 years, per Florida Statute 373.236

3. **PROJECT NAME**: Florida Gulf Coast University **COUNTY**: Lee

   PHYSICAL ADDRESS: 10501 FGCU Blvd South

4. **RELATED PERMITS** (for projects other than Public Supply)
   - ☒ ENVIRONMENTAL RESOURCE PERMIT (ERP) PERMIT/APPLICATION NO(S): 36-02881-S
   - ❑ RIGHT OF WAY (ROW) Permit/Application No(s): _____
   - ❑ DIVERSION AND IMPOUNDMENT (D&I) Permit/Application No(s): _____

SECTION III – USE CATEGORY

Please check all applicable water use categories associated with this permit application and complete the associated supplemental form(s) indicated. Refer to District rules 40E-21.651for water use type definitions.

Water Use Category	Supplemental Form
❑ **Agricultural** (e.g., crops, livestock, nursery, aquaculture, pasture)	Form A
❑ **Commercial / Industrial** (e.g., service business, food and beverage production, cooling and heating, commercial attraction, manufacturing, chemical processing, power generation, aquifer remediation, mining)	Form B
❑ **Landscape / Recreation** (e.g., irrigation of parks, cemeteries, landscaped areas, golf courses, athletic fields, playgrounds)	Form C
☒ **Dewatering** (e.g., water use or removal associated with construction or excavation)	Form D
❑ **Public Supply** (e.g., public or privately owned water utility)	Form E
❑ **Diversion and Impoundment** (diversion or extraction of water). Independent Secondary users should use the applicable supplemental form based on type of water use.	Form F

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

SECTION IV – SOURCES OF WATER

SUMMARY OF GROUNDWATER (WELL) FACILITIES

Well Name or Number						
Map Designation						
Existing or Proposed						
Date of Proposed Construction						
Date Installed if Existing						
Diameter (in)						
Total Depth (ft)						
Cased Depth (ft)						
Screened Interval (ft)						
Pumped or Flowing						
Pump Type (see Instructions)						
Pump Intake Depth (ft bls)						
Pump or Flow Capacity (GPM)						
Working Valve if Artesian (yes, no or not applicable)						
Status (see Instructions)						
Purpose (see Instructions)						
Elevation of the Wellhead (ft NGVD - see Instructions)						
Water Use Accounting Method (see Instructions)						
Date Last Calibrated (ATTACH calibration report)						
Planar Coordinates (if known - see instructions)						
Section / Township / Range						

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

Instruction for Completing Groundwater (Wells) Section

Well Name or Number: The Applicant's designation of the well. How do you refer to it?

Map Designation: This is how the well is labeled on the map submitted with the application. This may be the same as Well Name or Number, but does not necessarily have to be.

Existing or Proposed: If the well is proposed, enter the date of expected operation. If it is an existing well, enter the date it was installed if you know it.

Diameter: Outside diameter of the well casing.

Total Depth: Total length in feet between the land surface and the bottom of the well.

Cased Depth: The length in feet from the land surface to the bottom of the well casing.

Screened Interval: The distance in feet below land surface to the top and bottom of the well screen, if the well is so equipped.

Pumped or Flowing: Does the well produce water as a result of natural artesian flow, or is it pumped?

Pump Type: This is the type of pump that has been installed for the well (typical choices are as follows):

Centrifugal	Diesel turbine	Axial flow	Windmill
Submersible	Jet	Suction	Other (specify)
Electric turbine	Hydraulic	Portable	

Pump Intake Depth: Location of the pump depth in feet below land surface. The pump may be on the surface or down inside the well.

Pump or Flow Capacity: The amount of water the pump can produce in gallons per minute (GPM).

Working Valve: If the well is artesian, does it have a working valve to control the flow?

Status:
Primary
Secondary (i.e. a production well that is rotated)
Standby (i.e. used for freeze protection or emergency)
Monitor
Injection (i.e. A/C, pool heat exchange, etc.; sometimes used only periodically)
Recharge (i.e. same as above)

Purpose: What will the water be used for (typical choices are as follows):

Dairy	Irrigation	Air Conditioning	Swimming Pool Heating
Monitor	Aquaculture	Freeze Protection	Irrigation/Lake Recharge
Livestock	Bottled Water	Mining/Dewatering	Aquifer Storage and Recovery
Industrial	Other (specify)	Public Water Supply	Aquifer Remediation and Recovery

Elevation of the Wellhead: This is the elevation of the top of the finished well at the ground surface.

Planar coordinates: The Florida State Plane System (Planar Coordinates) should be submitted if you have a land survey which identifies the location of the well in terms of those measurements. If you do not know what these are, it is not necessary to include them.

Section / Township / Range: The section, township and range in which the pump is located.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

SUMMARY OF SURFACE WATER (PUMP) FACILITIES

Pump Name or Number	See attached					
Map Designation						
Surface Water Source						
Local Drainage District (if applicable)						
Existing or Proposed						
Date of Proposed Installation						
Date Installed if Existing						
Pump type (for list see Instructions)						
Pump Capacity (GPM)						
Pump Horsepower						
Pump Diameter (inches)						
Pump Intake Elevation (feet NGVD)						
Status (see Instructions)						
Purpose (see Instructions)						
Two way pump? (yes / no)						
Water Use Accounting Method (see Instructions)						
Date Last Calibrated (ATTACH calibration report)						
Planar Coordinates (if known - see instructions)						
Section / Township / Range						

Instructions for Completing Surface Water (Pumps) Section

Pump Name or Number: The Applicant's designation of the pump. How do you would refer to it?

Map Designation: This is how the pump is labeled on the map submitted with the application. This may be the same as Pump Name or Number, but does not necessarily have to be.

Surface Water Source: This is the name of the water body from which the pump withdraws water (e.g. SFWMD C-51, Lake Worth Drainage District Canal E-3, Un-named canal, onsite lake).

Local Drainage District: If the project is located in a local drainage or "298" district, such as Lake Worth Drainage District, Indian Trails Water Control District, etc., please identify it.

Existing or Proposed: If the pump is proposed enter the date of expected operation. If it is an existing pump, enter the date it was installed if you know it.

Pump Type: Typical choices are:

Centrifugal	Diesel	Turbine	Axial	Flow	Submersible
Suction	Electric turbine	Hydraulic	Other (specify)		

Pump Capacity: The amount of water the pump can produce in gallons per minute (GPM).

Pump Horsepower: Horsepower rating of the pump.

Pump Diameter: Size of the intake opening of the pump, in inches.

Pump Intake Elevation: The elevation from which the pump can produce water without cavitating.

Status:
Primary
Secondary (i.e. a production pump that is rotated)
Standby (i.e. used for freeze protection or emergency)

Purpose: What will the water be used for (typical choices are as follows):

Dairy	Irrigation	Air Conditioning	Swimming Pool Heating
Aquaculture	Freeze Protection	Irrigation/Lake Recharge	Mining/Dewatering
Livestock	Industrial	Aquifer Storage and Recovery	
Aquifer Remediation and Recovery		Other (specify)	

Two way pump: Can the pump be used for both intake of irrigation water and discharge of storm water?

Flow Measurement Method: Describe how the amount of water produced by the pump will be measured as per Section 4.1.1. of the Applicant's Handbook.

Date Last Calibrated: When was the flow measurement method last calibrated? ATTACH the calibration report.

Planar coordinates: The Florida State Plane System (Planar Coordinates) should be submitted if you have a land survey which identifies the location of the pump in terms of those measurements. If you do not know what these are, it is not necessary to include them.

Section / Township / Range: The section, township and range in which the pump is located.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

SUMMARY OF SURFACE WATER (CULVERT) FACILITIES

Culvert Name or Number						
Map Designation						
Surface Water Source						
Local Drainage District (if applicable)						
Existing or Proposed						
Date of Proposed Construction						
Date installed if Existing						
Culvert type (for list see Instructions)						
Culvert length (Feet)						
Culvert Cross-section						
Culvert Diameter (inches)						
Culvert Height (inches)						
Culvert Width (inches)						
Invert Elevation (Feet NGVD)						
Type of Control Device (for list see Instructions)						
Status (see Instructions)						
Purpose (see Instructions)						
Two way culvert? (yes / no)						
Water Use Accounting Method (see Instructions)						
Date Last Calibrated (if known)						
Planar Coordinates (if known - see instructions)						
Section / Township / Range						

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

Instructions for Completing Surface Water (Culverts) Section

Culvert Name or Number: The Applicant's designation of the culvert. How do you refer to it?

Map Designation: This is how the culvert is labeled on the map submitted with the application. This may be the same as Culvert Name or Number, but does not necessarily have to be.

Surface Water Source: This is the name of the water body from which the culvert withdraws water (e.g. SFWMD C-51, Lake Worth Drainage District Canal E-3, Un-named canal, onsite lake).

Local Drainage District: If the project is located in a local drainage or "298" district, such as Lake Worth Drainage District, Indian Trails Water Control District, etc., please identify it.

Existing or Proposed: If the culvert is proposed enter the date of expected operation. If existing, enter the date it was installed (if known).

Culvert Type: Corrugated; Metal pipe; Reinforced concrete pipe; Steel pipe

Culvert Length: Distance between the ends of the culvert in feet.

Culvert Cross-section: Is the culvert round, elliptical, rectangular, or other?

Culvert Diameter: If the culvert is round, the inside diameter of the culvert, in inches.

Culvert Height: If the culvert is not round, the inside height of the culvert, in inches.

Culvert Width: If the culvert is not round, the inside width of the culvert, in inches.

Invert Elevation: The lowest elevation, referenced to NGVD, at which water will flow through the culvert.

Type of Control Device: What controls the flow of water through the culvert (typical choices are): Control gate; Flap gate; Flashboard riser; Gated riser; Screw gate; Slide gate; Valve; Other (specify)

Status: Primary; Secondary (i.e. a production pump that is rotated); Standby (i.e. used for freeze protection/ emergency)

Purpose: What will the water be used for (typical choices are as follows):

Dairy	Irrigation	Aquaculture	Freeze Protection	Mining/Dewatering
Livestock	Industrial	Irrigation/Lake Recharge	Other (specify)	

Two way culvert: Can the culvert be used for both intake of irrigation water and discharge of storm water?

Flow Measurement Method: Describe how the amount of water produced by the pump will be measured as per Section 4.1.1. of the Applicant's Handbook.

Date Last Calibrated: When was the flow measurement method last calibrated? *ATTACH the calibration report.*

Planar coordinates: The Florida State Plane System (Planar Coordinates) should be submitted if you have a land survey which identifies the location of the culvert in terms of those measurements. If you do not know what these are, it is not necessary to include them.

Section / Township / Range: The section, township and range in which the culvert is located.

SECTION V – EVALUATION OF RECLAIMED WATER FEASIBILITY

The applicant is required to evaluate the feasibility of utilizing reclaimed water. The feasibility analysis must be completed as outlined in the Applicant's Handbook, subsection 2.2.4.

❑ Feasibility analysis attached
☒ Not applicable (i.e. no lines in area, crop type restriction, already using reclaimed)
Explanation: Dewatering operation

SECTION VI – SUMMARY OF REQUESTED WATER USE

Total the requested water use from each supplemental form (Agricultural, Irrigation, Commercial / Industrial, Public Water Supply, etc.) in the table below. If the multiple sources add up to more than 100%, please attach an operating plan with a detailed explanation.

Requested Amounts and Source(s) of Water				
Source 1 Name[1] ___ (MGY[2]/MGM[3])	Source 2 Name ___ (MGY[2]/MGM[3])	Source 3 Name ___ (MGY[2]/MGM[3])	Source 4 Name ___ (MGY[2]/MGM[3])	Total Requested Water Use (MGY[2]/MGM[3])
/	/	/	/	/

[1] Provide the name of the water source. Examples include the Upper Floridan aquifer and the Biscayne aquifer.
[2] MGY = Million gallons per year of water to be withdrawn over a 12-month time period under a 1-in-10 year drought condition (i.e. 1,500,000 gallons each day/1,000,000 = 1.5 x 365 = 547.5).
[3] MGM = Maximum million gallons per month of water to be withdrawn in any single month under the 1-in-10 year drought condition.

SECTION VII – AQUIFER STORAGE AND RECOVERY *(complete if applicable)*

ASR Facility Name	Source of Stored Water[1]	Storage Aquifer Name	Recovery Water Destination	Estimated Demand Average/Maximum (MGD)	Estimated Injected Average/Maximum (MGD)
				/	/
				/	/
				/	/
				/	/

[1] Aquifer Name, surface water body, water treatment plant name.

Please describe any projected increases or decreases (from historical average) in the amounts stored or recovered.

_____

_____

_____

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

SECTION VIII – IMPACT EVALUATION

When determining whether the permit applicant has provided reasonable assurances that the conditions for issuance are met, the District will consider the projected impact of the proposed withdrawal, along with impacts from any existing legal uses and other pending applications for a water use permit. To provide these assurances, studies and/or impact evaluations may be required. Please refer to the Applicant's Handbook (subsection 3.3) for criteria regarding impact evaluations and attach your analysis, if applicable.

❑ Impact evaluation attached ☒ Not applicable

SECTION IX – APPLICANT CERTIFICATION

I certify that to the best of my knowledge and belief that all of the information provided on this form and in any attachment to it is correct. I understand that any permit issued shall be subject to review and modification, enforcement action, or revocation, in whole or in part, for any material false statement in an application to continue, initiate, or modify a use, or for any material false statement in any report or statement of fact required of the permittee [Section 373.243(1), Florida Statutes]. With advance notice, I agree to provide District staff with proper identification entry to the project site for the purpose of performing analyses of the site for determining whether the conditions for issuance will be met. Further, if a permit is granted, I agree that, with advance notice, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications.

If applicable) I authorize _____ to act as my agent for permit application coordination.

Steve L. Magiera		
APPLICANT'S NAME (*print or type*)	APPLICANT'S SIGNATURE	DATE
AUTHORIZED AGENT'S NAME (*print or type*)	AUTHORIZED AGENT'S SIGNATURE	DATE

SECTION X – APPLICANT CHECKLIST

Please make sure to include the following with the permit application submittal:

☒ Proof of Property Control (i.e. Deed, Lease) as per the Applicant's Handbook, subsection 2.1.1 (may be obtained via the applicable county Property Appraiser's website)

☒ Application Fee (www.sfwmd.gov)

☒ Location/Site Map (refer to supplemental application forms for specific requirements)

☒ Supplemental Form(s) and associated supporting information (i.e. maps, calculations)

❑ Water Conservation Plan (if applicable)

❑ Diversion and Impoundment (D&I) Independent Secondary User – Letter from the D&I that demonstrates legal access, and that the use will not cause the D&I to exceed its permit allocation.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1379 (2014-07)

CHECKLIST FOR
DEWATERING USE SUPPLEMENTAL FORM D

Section DI

Parcel/Site Information

1.

Parcel/Site Name	Acres Owned*	S-T-R	Folio ID #
FGCU	760	S13 / T46S / R25E	#10265866
	20 (est.)	S11 / T46S / R25E	#10515107
	40 (est.)	S13 / T46S / R25E	#10565821
	6.5 (est.)	S6 / T46S / R26E	#10563066
	4 (est.)	S11 / T46S / R26E	#10480689
	14 (est.)	S24 / T46S / R25E	#10272606
	32 (est.)	S13 / T46S / R25E	#10265865
Total Acres Owned	876.5 (est)		

*Acreage from Lee County Property Appraiser approximate

2. See attached plan set showing the project boundaries and areas to be dewatered, along with dewatering effluent discharge routing.

Section D2

Dewatering

1-A Methods of Dewatering:

The Dewatering operation will be performed with pump, as listed under Section IV.

1-B Dewatering Operation:

The proposed dewatering operations at Florida Gulf Coast University will be associated with the installation of utilities and drainage structures, the construction of and expansions of buildings, parking lots, road improvements and elevator shaft and underground utility installation. Dewatering is proposed to a minimum elevation of approximately 0.0 feet NGVD (20 bls). Well pointing, Kelly wells and pumps will be used to dewater the active part of the excavation cells to the desired depth. Dewatering effluent will be managed to reduce turbidity to no greater than 29 NTU above background to minimize potential impacts and then routed to adjacent stormwater treatment basins. Stormwater management system basins outside of the campus center (Basins 1, 3 and 4) will have their outfalls temporary blocked to prevent off-site discharge. Basins within the central part of campus (Basin 2) request offsite discharge of dewatering effluent via the existing outfall structures, if necessary. Appropriate turbidity controls will be used. A more detailed dewatering plan is included as Item D2-1-K.

The FGCU Master Plan, provided as attachment D2-1-L, has identified several projects over 10-year increments that may require dewatering. Ongoing construction projects include the construction of the School for Water Resources and Integrated Sciences and the Center for Entrepreneurship and Innovation. Other work includes construction and expansion of additional buildings, athletic field construction, road, entrance improvements, underground utility installations, parking and infrastructure enhancements within the 5-10 year planning period.

1-C. Method to Mitigate Impacts:

To minimize wetland impacts dewatering effluent will be kept on-site to the extent practicable. Dewatering operations adjacent to wetlands will be routed to hydraulic recharge trenches to establish water levels at 2 feet above land surface and 4 feet total depth using a small capacity pump. Each recharge trench will be equipped with an emergency overflow structure designed to discharge water back onto the project site so that water levels in the trench do not exceed 4 feet above land surface. Additional dewatering effluent maybe routed to temporary particulate settling basins or other methods to reduce turbidity before being routed to existing stormwater management ponds. Well points and Kelly wells may be used in order to generate less turbid dewatering effluent. The existing surface water management system encompasses large dry and wet detention areas that should reduce turbidity to acceptable levels prior to entering the stormwater management system.

1-D. Wetland and Sensitive Areas:

The project site is located within a wetland slough area. FLUCCS mapping identified 380 acres of wetlands over the whole project site. See Item D2-1-D for a FLUCCS map. Potential drawdown impacts to these wetland areas will be offset by maintaining water levels within recharge trenches were applicable. Most dewatering activities are associated with utility installation that have short duration. Therefore, dewatering associated with construction of these projects, as well as projects located within the historically developed portion of the project site, should pose minimal concern for impacts to wetlands.

1-E. Existing Legal Users:

Existing legal users in the vicinity of FGCU include Miromar Lakes (#36-03568-W) adjacent to the north and west of the project site, which has a permit for use of the Water Table aquifer and on-site lake withdrawals for landscape irrigation and Grande Oak (aka Grandeeza) (#36-01871-W) to the south, which has a permit for on-site lake withdrawals for landscape irrigation. On-site detention of dewatering effluent and the presence of the large stormwater management system will minimize the potential for adverse impacts to other legal existing users in the vicinity.

1-F. Potential Pollution Sources:

FirstSearch Technology Corporation was contracted by Johnson Engineering to provide a database of United States Environmental Protection Agency (USEPA) and Florida Department of Environmental Protection (FDEP) sites which are known or potential sources of pollution. The USEPA and FDEP databases were queried by radius and included the following:

- National Priorities List (NPL)
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
- Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage, or Disposal Facility (TSD)
- Resource Conservation and Recovery Information (RCRIS) Generators (GEN)
- Emergency Response Notification System (ERNS)
- State Hazardous Waste Sites (SHWS)
- Solid Waste Landfills (SWL)
- Registered Underground Storage Tanks (UST)
- Leaking Underground Storage Tanks (LUST)

The EDR report identified several small RCRA generators and a methylene chloride spill in 2007 within the vicinity of the project site. The RCRA generators did not have any noted compliance issues and the spill occurred in 2007 and has since been designated for no clean up required. See Item D2-1-F for the complete EDR report. The temporary, localized nature of dewatering activities should minimize the potential for contaminant migration.

1-G. Saline Water Sources:

The nearest source of saline water is located approximately 4 miles to the west are Gulf of Mexico estuaries. Dewatering is not proposed below a depth of 0.0 feet NGVD. The localized and temporary nature of the proposed dewatering will minimize the potential for saline water intrusion.

1-H. Management of Stormwater During Dewatering

Dewatering effluent will be retained on-site. Dewatering effluent will be stored in the existing stormwater management system, or in particulate settling basins located proximate to areas being dewatered. Particulate settling basins will be equipped with emergency overflow structures that discharge water back onto the project site so that water levels in the retention areas do not exceed 4 feet above land surface. Temporary retention areas will be removed from locations proximate to the dewatering operations once the dewatering is complete. The existing stormwater management system consists of four basins. Each basin routes stormwater through the stormwater management system

before discharging via an outfall to the surrounding wetland. The outfall for the appropriate basin being used shall be temporarily blocked preventing dewatering discharge being released off site (in the case of Basins 1, 3 and 4), except in the case of the basin serving the central campus inside the loop road (Basin 2). Due to spatial constraints, this basin will be allowed to discharge, if necessary, via the permitted outfall structure, as shown on attached exhibits.

1-I. Areal Extent of Drawdown:

Dewatering related to construction activities will be temporary and localized in nature. Calculations of areal extent of drawdown will be provided as part of the dewatering plan updates submitted for specific projects under the master dewatering permit.

1-J. Dewatering Timeline:

The applicant requests a permit duration of 10 years to accommodate contractor scheduling and future phases of the project. The FGCU Master Plan, provided as attachment D2-1-J, outlines a schedule and description of future projects.

1-K. Dewatering Plan Set:

See attached Item D-1-K for a dewatering plan set.

1-L. Dewatering and Excavation Depths:

The minimum elevation of dewatering is 0.0 feet NGVD. The minimum elevation of new excavation is approximately -1.0 NGVD. The applicant does not propose to dewater the full depth of excavation. Dewatering is intended to assistance construction activities.

Section D4

Requested Water Use

1. General Utility/Construction Dewatering

Storage of dewatering effluent will be handled as follows. Dewatering effluent will be routed to particulate settling basins or other turbidity control methods before existing components of the stormwater management system (dry & wet detention areas, conveyances, etc.), proximate to dewatering locations. If use of well points and/or Kelly wells produce dewatering effluent with acceptable turbidity levels (no greater than 29 NTU above background), dewatering effluent may be discharged directly to stormwater management system. Outfall structures located within each of the drainage basins will be temporarily blocked if necessary, to prevent off-site discharge (Basins 1, 3 and 4), except in the case of the basin serving the campus center (Basin 2), which will be allowed to discharge with appropriate turbidity monitoring. Hydraulic recharge trenches and temporary retention areas, where necessary, will also provide additional storage.

Soil borings taken from the site show the upper 25 feet of the Water Table aquifer consists of fine-grained sand and a mixture of fine, silty sand and weathered limestone. Hard limestone is encountered at some locations at depths between 6 and 23 feet bls and limestone is absent from land surface to 25 feet bls at other locations. The depth of the limestone can vary great within relatively short distances. The top of rock may occur as shallow as approximately 6 feet bls or greater than 25 feet bls (rock not encountered in borings). Where present, the rock may yield large amounts of water. Of the lithologies present, the limestone will produce the majority of the groundwater generated during dewatering activities, while the sands and soils will produce comparatively little. Aquifer performance tests conducted on the Water Table aquifer in the vicinity of the project site report transmissivity values ranging from approximately 250,000 to 1,000,000 feet squared per day (ft^2/d; as taken from the SFWMD's Lower West Coast Potentiometric Mapping project, BEM, 2004). These values are indicative of hydraulic characteristics of the limestone layer. Anticipated maximum daily dewatering volumes were estimated using the following calculation: Hydraulic conductivity values of the clayey-silty sands of water table aquifer at the project site (typical overburden) average 100 feet/day (ft/d) or less, as taken from published ranges of values. For the considerably more productive limestone layer beneath this over burden, hydraulic conductivity may be as great as 10,000 ft/d. Assuming some dewatering operations may encounter limestone, a weighted hydraulic conductivity value based on the depth and length of dewatering is used to determine the requested average daily dewatering allocation. Dewatering operations producing this quantity of effluent would be geographically localized and likely of short duration, so the estimates may be considered conservative. Nevertheless, they do represent conditions potentially encountered at the project site.

Maximum daily pumpage volumes were calculated for each cell as shown below:

Daily excavation rate acres/day * 43,560 ft^2/acres*20 ft. = daily excavation volume ft^3/day

Daily excavation volume $ft.^3$/day * 0.20 = volume of water in excavated area ft^3/day

We assume the daily excavation rate is approximately 0.5 acres, this results in a daily volume of:

0.5 acres * 43,560 ft^2/acres*20 ft. = 435,600 ft^3/day daily excavation volume 435,600 ft^3/day * 0.20 = 87,120 ft^3/day volume of water in excavated area

The daily volume of water that will flow into the area being dewatered based on the estimated hydraulic conductivity, and applying Darcy's Law, is:

Perimeter of cell feet * 20 ft (maximum depth of dewatering) * hydraulic conductivity (typically 100-10,000 ft/d depending on presence and depth of limestone within excavated area) * hydraulic gradient (typically 0.1 for most dewatering operations) = flow of water into cell ft^3/d

This represents an upper limit of flow into the system at the time the entire cell has been excavated. Inflow into the cell may be less at earlier times if the cell perimeter is smaller.

For a typical cell with a 1,000-foot perimeter:

1,000 feet * 20 ft (maximum depth of dewatering) * 1,000 ft/d * 0.1 = 2,000,000 ft^3/d flow of water into cell

The combined volume is:

Daily flow into cell ft^3/d + daily volume of water in cell area ft^3/d = maximum daily pumpage in ft^3/d, if the entire cell is dewatered at a single time.

Assuming dewatering lasts approximately 3,650 days throughout the life of the project, the total volume of effluent generated would be approximately 58,400 million gallons, using a daily pumping rate of 16 mgd for all anticipated days of dewatering.

Dewatering effluent will be stored in the existing stormwater management system and/or temporary retention areas located proximate to the dewatering locations. All dewatering effluent will remain on-site. Appropriate turbidity controls (silt fence, floating turbidity barriers, hay bales, floc logs, sedimentation tanks, well pointing, use of Kelly wells, etc.) will be used as necessary to ensure that dewatering activities do not impact protected wetlands or other water resources.

Detailed dewatering plans and calculations will be provided to the SFWMD in advance of any dewatering activities, including locations of temporary retention areas, routing and storage of dewatering effluent, and turbidity control measures employed. The majority of the volume pumped will return to the Water Table aquifer via infiltration through temporary retention areas, and on-site storage of dewatering effluent.

WATER USE PERMIT APPLICATION
Dewatering Use
Supplemental Form D

South Florida Water Management District
3301 Gun Club Road, West Palm Beach, Florida 33406 (561) 686-8800
www.sfwmd.gov/ePermitting

SECTION D1 – PARCEL/SITE INFORMATION

Parcel/Site Name (each non-contiguous parcel or field)	Acres Owned/ Leased	Section(s), Township, Range (S_/T_S/R_E)	County Parcel Identification Number (or attach digital GIS Shape file)
Florida Gulf Coast University	876	See Section D1	See Section D1
TOTAL ACRES OWNED/LEASED	876		

Submit a map showing (if available, provide items A through G in a District-approved electronic format, e.g. ESRI shapefile, Autocad, DXF, KMZ, or compatible GIS file):

A. The project boundaries of the property owned or controlled by the permittee/applicant;
B. The area on the property that is being or will be dewatered;
C. All existing and proposed withdrawal point locations. Label all wells, pumps and culverts so they match the IDs provided in the Application form (Section IV - Sources of Water);
D. A north arrow and map scale;
E. Labeled landmarks such as roads and political boundaries;
F. Show the dewatering operation including the discharge routing, any pre-mitigation measures, such as hydraulic recharge/intercept ditches, on-site storage areas, off-site discharge points, wetlands, existing legal users, contamination sites, and/or saline water; and
G. Provide locations of any groundwater augmentation points.

Type of dewatering permit requested:

❑ Standard Individual (up to one year) ❑ Standard Individual (greater than one year) ☒ Master Individual

A Standard permit would represent projects that are defined and a Master permit would represent projects with phases, undefined activities or no contractor at the time of permit application.

Refer to the Applicant's Handbook, Section 2.3.2(B).

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1383 (2014-07)

SECTION D2 – WATER USE INFORMATION

1. DEWATERING

A. Indicate method(s) of dewatering;
B. Explain how water from dewatering activities or from ground or surface water withdrawal points is to be used, transferred, discharged or stored on site for each phase of the project;
C. List methods that will be implemented to mitigate turbidity and prevent hydrologic impacts;
D. Identify all wetlands on or adjacent to the project which may be impacted;
E. Identify all existing legal users on or adjacent to the project which may be impacted;
F. Locate and describe all sources of groundwater contamination or pollution;
G. Locate and describe the location of the nearest saline water;
H. Provide a contingency plan which describes how storm water will be managed during dewatering operations (include volume calculations and area of influence);
I. Identify the areal extent of the drawdown of the aquifer;
J. Provide the proposed timeline and duration for progression of the dewatering activities either on the map or in narrative format;
K. Identify the length, width and cross sections with elevation and datum information for all dewatered areas, proposed storage areas and pre-mitigation constructions; and
L. Provide the maximum depth of dewatering and excavation.

2. DISCHARGE

Is off-site discharge proposed as part of this operation? ☒ Yes ❑No

If the site is in a Water Reservation Area, no offsite discharge is allowed in excess of the reserved amount.

If off-site discharge is proposed as part of this operation, please demonstrate that it is not technically feasible to retain water onsite and provide the following information:

A. Documentation of authorization that allows the applicant to discharge directly into the receiving water body and/or adjacent lands, and a demonstration that the receiving water body or adjacent lands are capable of accepting the dewatering discharge;
B. An operations plan which demonstrates that the discharge to the receiving water body will meet all applicable State Water Quality standards prior to discharge; and that the discharge to protected wetlands will not contain turbidity levels in violation of State Water Quality standards prior to discharge;
C. A monitoring plan which includes, at a minimum, proposed sampling locations and daily turbidity measurements of the discharge and background conditions in the receiving body and/or wetland; and
D. A contingency plan which includes procedures for ceasing dewatering operations and correcting the situation until monitoring demonstrates water quality standards are met.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1383 (2014-07)

SECTION D3 – WATER BALANCE

WATER BALANCE – Provide a water balance that demonstrates where and in what quantities water is generated to accomplish the dewatering, including any associated losses, and where and in what quantity water is stored, recharged, disposed, or reused. The tables below may be used to assist in developing that water balance. If processing of materials is associated with the dewatering, a separate water balance describing these activities is required.

Dewatering:

Phase/Description	Pump Capacity (gal/min)	Operation Period (gal/day)	Max Daily Pumpage (gal/day)*	Max Pumpage Duration (days)*	Average Daily Pumpage (gal/day)*	Average Pumpage Duration (days)*	Total Pumpage (million gallons)
See attached							
						TOTAL:	

* Dewatering operations can include a high volume startup period followed by lower volume maintenance pumping.

Discharge:

Discharge Location	Description	Annual Average (gpd)	Peak Month (gpd)

Extent:

Phase/Description	Average Land Surface (ft. NAVD/NGVD)[1]	Water Table Elevation (ft. NAVD/NGVD)[1]	Lowest Excavated Elevation (ft. NAVD/NGVD)[1]	Depth of Dewatering Elevation (ft. NAVD/NGVD)[1]	Areal Extent of Drawdown[2] (feet)

[1]Please indicate how data is represented by circling NAVD or NGVD.
[2]Can be calculated using an analytical or numerical model (i.e. Theis or Modflow) or empirical formula (i.e. Sichardt). Please provide input and output files for models and calculations for formulas.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1383 (2014-07)

SECTION D4 – REQUESTED WATER USE

1. Complete the requested water use table below. Provide projected water amount for each applicable use type and the water source(s) associated with the use type. Typical dewatering water demands are listed below.

Dewatering Use Type	Requested Amounts and Sources of Water (MGY[2]/MGM[3])		
	Source 1 Name[1] _____	Source 2 Name _____	Source 3 Name _____
Dewatering	3,600/500	/	/
Discharge from site	/	/	/
Other _____	/	/	/
Total	3,600/500	/	/

[1] Provide the name of the water source. Examples include the water table aquifer, mining pit, canal/ditch, pond, etc.
[2] MGY = Million gallons per year of water to be withdrawn over a 12-month time period (i.e. 1,500,000 gallons each day/1,000,000 = 1.5 x 365 = 547.5).
[3] MGM = Maximum million gallons per month of water to be withdrawn in any single month.

2. Please provide a description of the methodology used to calculate the requested water amounts for each use type in the table above. Attach additional sheets, if necessary.

Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1383 (2014-07)

Item I-2

23-41-25-00-00001.0000

Prepared by:
Lloyd G. Hendry, Attorney
P.O. Box 1509
Fort Myers, Florida 33902

4467755

Documentary Tax Pd. $ 410.20
$ _____ Intangible Tax Pd.
CHARLIE GREEN, CLERK, LEE COUNTY
By: Judy Sherwood Deputy Clerk

10.50
410.20D

OR3010 PG0714

WARRANTY DEED

THIS INDENTURE, made this 22nd day of April, 1997, from **ALICO, INC.**, a corporation organized and existing under the laws of the State of Florida, having its principal place of business in the County of Hendry and State of Florida, Grantor, to the **BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA**, whose post office address is 3900 Commonwealth Boulevard, Mail Station 115, Tallahassee, Florida 32399-3000, Grantee,

W I T N E S S E T H:

that the said Grantor, for and in consideration of the sum of TEN AND NO/100th DOLLARS ($10.00), and other good and valuable considerations to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Lee, State of Florida, to-wit:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

Subject to easements, restrictions and reservations of record, if any.

And said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has caused these presents to be signed in its name by its President and its corporate seal to be affixed, the day and year above written.

(CORPORATE SEAL)

ALICO, INC., a Florida corporation

By: _____
Ben Hill Griffin, III,
President
P.O. Box 338
LaBelle, FL 33935

Attest: _____
Jefferson C. Barrow, Jr.
Assistant Secretary

STATE OF FLORIDA
COUNTY OF Polk

BEFORE ME personally appeared BEN HILL GRIFFIN, III, President of Alico, Inc., a Florida corporation, and JEFFERSON C. BARROW, JR., Assistant Secretary of Alico, Inc., who are personally known to me or who produced _____ as identification and who executed the foregoing instrument and acknowledged to and before me that they executed said instrument, for the uses and purposes therein expressed, for and on behalf of said corporation.

WITNESS my hand and official seal this 22nd day of April, 1997.

DONNA H. RESPRESS
Notary Public, State of Florida
My comm. expires Oct. 23, 1997
Comm. No. CC315172

_____
Notary Public
Print Name Donna H. Respress
My Commission Expires: Oct. 23, 1997
Commission No. CC315172

EXHIBIT "A"

PARCEL "A"
ALICO to B.O.R.

All that part of Section 23, Township 46 South, Range 25 East, Lee County, Florida being more particularly described as follows:
COMMENCING at the southeast corner of said Section 23;
thence along the south line of said Section 23, N89°44'39"W 651.55 feet to a point on the westerly right of way line of proposed Treeline Avenue;
thence along said line, N00°49'43"W 600.19 feet;
thence northwesterly, 1260.94 feet along the arc of a circular curve concave to the southwest, having a radius of 1325.00 feet, through a central angle of 54°31'33" and being subtended by a chord which bears N28°05'29"W 1213.90 feet;
thence continue along said line, N55°21'16"W 1684.71 feet;
thence continue along said line northwesterly, 397.15 feet along the arc of a circular curve concave to the northeast, having a radius of 2875.00 feet, through a central angle of 07°54'54" and being subtended by a chord which bears N51°23'49"W 396.84 feet to the POINT OF BEGINNING of the parcel herein described;

thence continue along said line, northwesterly, 583.95 feet along the arc of a circular curve concave to the northeast, having a radius of 2875.00 feet, through a central angle of 11°38'15" and being subtended by a chord which bears N41°37'15"W 582.95 feet;
thence leaving said line, S59°16'15"E 592.53 feet;
thence S42°33'38"W 180.59 feet to the POINT OF BEGINNING of the parcel herein described.

AND ALSO PARCEL "B"
ALICO to B.O.R.

All that part of Section 23, Township 46 South, Range 25 East, Lee County, Florida being more particularly described as follows:
COMMENCING at the southeast corner of said Section 23;
thence along the south line of said Section 23, N89°44'39"W 651.55 feet to a point on the west right of way line of proposed Treeline Avenue;
thence along said line, N00°49'43"W 600.19 feet;
thence northwesterly 1260.94 feet along the arc of a circular curve concave to the southwest, having a radius of 1325.00 feet, through a central angle of 54°31'33" and being subtended by a chord which bears N28°05'29"W 1213.90 feet;
thence continue along said line, N55°21'16"W 1684.71 feet;
thence northwesterly 1525.81 feet along the arc of a circular curve concave to the northeast, having a radius of 2875.00 feet, through a central angle of 30°24'28" and being subtended by a chord which bears N40°09'02"W 1507.97 feet; to the POINT OF BEGINNING of the parcel herein described;
thence continue northerly 43.77 feet along the arc of a circular curve concave to the northeast, having a radius of 2875.00 feet, through a central angle of 00°52'20" and being subtended by a chord which bears N24°30'37"W 43.77 feet;
thence continue along said line, N24°04'27"W 1593.09 feet;
thence continue along said line, northerly, 717.36 feet along the arc of a circular curve concave to the east, having a radius of 2000.00 feet, through a central angle of 20°33'03" and being subtended by a chord which bears N13°47'56"W 713.52 feet;
thence continue along said line, N03°31'24"W 13.60 feet to a point of cusp;
thence leaving said line, southerly 851.88 feet along the arc of a non-tangential circular curve concave to the east, having a radius of 2000.00 feet, through a central angle of 24°24'16" and being subtended by a chord which bears S15°43'35"E 845.45 feet;
thence S27°55'43"E 854.68 feet;
thence southerly 668.86 feet along the arc of a circular curve concave to the west, having a radius of 2000.00 feet, through a central angle of 19°09'41" and being subtended by chord which bears S18°20'53"E 665.75 feet to the POINT OF BEGINNING of the parcel herein described.

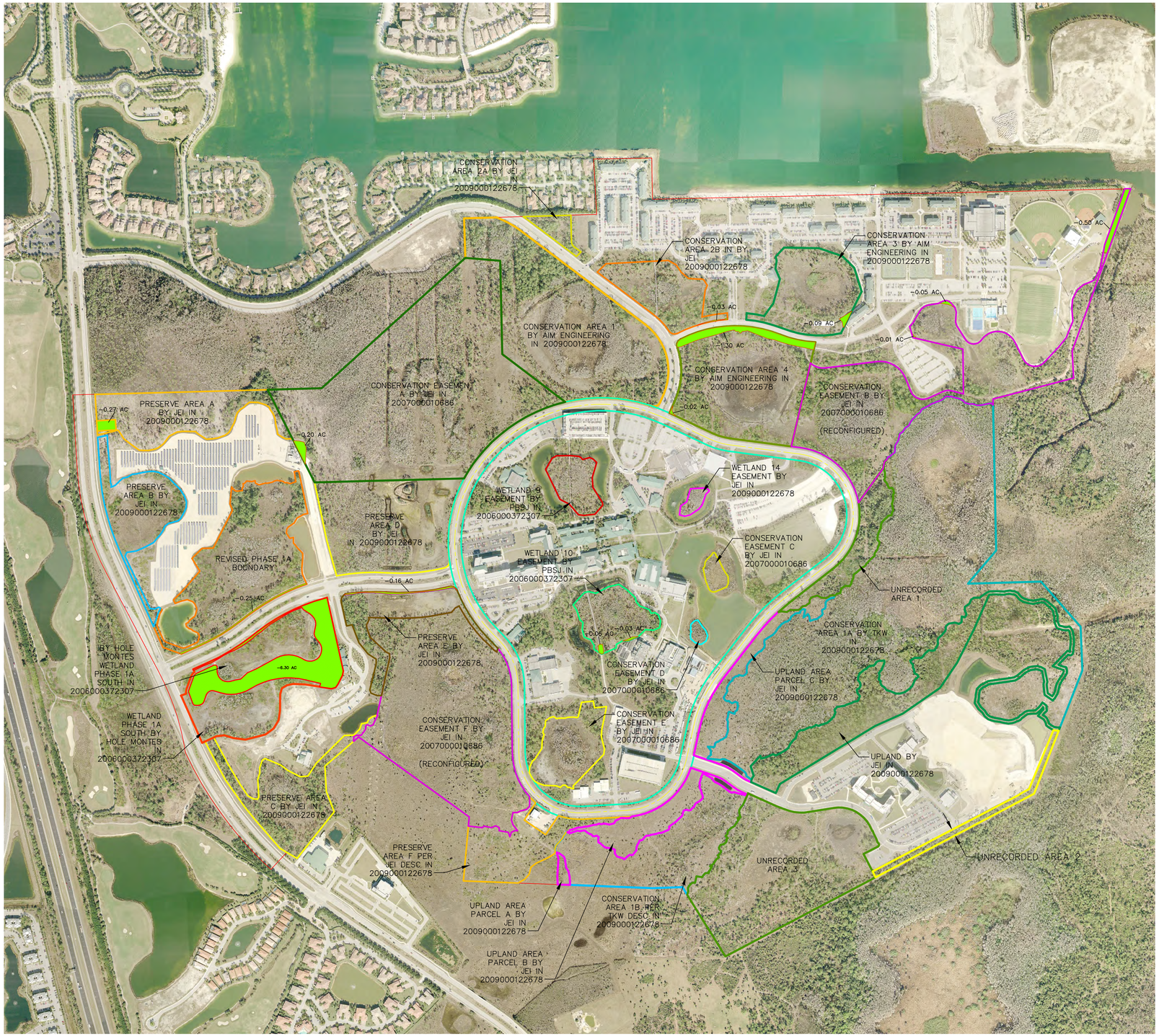
Charles B. Reed
Cunningham

N
7-23-96
DATE
W
E
S

OR3010 PG0715

98 SEP -9 PM 2:39
CHARLIE GREEN, CLERK
LEE COUNTY, FL

Item D2-1-D



N

0 200 400 800

(INTENDED DISPLAY SCALE: 1"=400')

RECORDED AREAS	RECONFIGURED AREA +/-	TOTAL RECONFIGURED AREA
CONSERVATION AREA 1 BY AIM ENGINEERING IN 2009000122678 = 27.80 AC		27.80 AC
CONSERVATION AREA 1A BY TKW IN 2009000122678 = 65.53 AC		65.53 AC
CONSERVATION AREA 1B PER TKW DESC IN 2009000122678 = 13.42 AC		13.42 AC
CONSERVATION AREA 2A BY JEI IN 2009000122678 = 1.32 AC		1.32 AC
CONSERVATION AREA 2B BY JEI IN 2009000122678 = 6.55 AC	-0.03 AC	6.52 AC
CONSERVATION AREA 3 BY AIM ENGINEERING IN 2009000122678 = 9.11 AC	-0.09 AC	9.02 AC
CONSERVATION AREA 4 BY AIM ENGINEERING IN 2009000122678 = 18.32 AC	-1.32 AC	17.00 AC
CONSERVATION EASEMENT A BY JEI IN 2007000010686 = 47.97 AC	-0.20 AC	47.77 AC
CONSERVATION EASEMENT B BY JEI IN 2007000010686 = 26.51 AC	-0.56 AC	25.95 AC
CONSERVATION EASEMENT C BY JEI IN 2007000010686 = 0.88 AC		0.88 AC
CONSERVATION EASEMENT D BY JEI IN 2007000010686 = 0.41 AC		0.41 AC
CONSERVATION EASEMENT E BY JEI IN 2007000010686 = 5.92 AC		5.92 AC
CONSERVATION EASEMENT F BY JEI IN 2007000010686 = 32.87 AC		32.87 AC
PRESERVE AREA A BY JEI IN 2009000122678 = 9.87 AC	-0.27 AC	9.60 AC
PRESERVE AREA B BY JEI IN 2009000122678 = 7.64 AC		7.64 AC
PRESERVE AREA C BY JEI IN 2009000122678 = 9.10 AC		9.10 AC
PRESERVE AREA D BY JEI IN 2009000122678 = 16.14 AC		16.14 AC
PRESERVE AREA E BY JEI IN 2009000122678 = 6.04 AC	-0.16 AC	5.88 AC
PRESERVE AREA F PER JEI DESC IN 2009000122678 = 7.10 AC		7.10 AC
REVISED PHASE 1A BOUNDARY = 17.29 AC	-0.25 AC	17.04 AC
UPLAND BY JEI IN 2009000122678 = 14.00 AC		14.00 AC
UPLAND AREA PARCEL A BY JEI IN 2009000122678 = 0.40 AC		0.40 AC
UPLAND AREA PARCEL B BY JEI IN 2009000122678 = 4.72 AC		4.72 AC
UPLAND AREA PARCEL C BY JEI IN 2009000122678 = 4.61 AC		4.61 AC
WETLAND PHASE 1A SOUTH BY HOLE MONTES IN 2006000372307 = 17.48 AC	-6.30 AC	11.18 AC
WETLAND 9 EASEMENT BY PBSJ IN 2006000372307 = 3.14 AC		3.14 AC
WETLAND 10 EASEMENT BY PBSJ IN 2006000372307 = 4.93 AC	-0.09 AC	4.84 AC
WETLAND 14 EASEMENT BY JEI IN 2009000122678 = 0.64 AC		0.64 AC
TOTAL AREA = 379.71 AC	-9.27 AC	370.44 AC

UNRECORDED AREAS
UNRECORDED AREA 1 = 4.94 AC
UNRECORDED AREA 2 = 2.07 AC
UNRECORDED AREA 3 = 24.72 AC
UNRECORDED AREA 4 (CE B AND CE F) = 0.08 AC
TOTAL AREA = 31.81 AC

JOHNSON ENGINEERING

2122 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

FLORIDA GULFCOAST UNIVERSITY

FGCU CONSERVATION AREAS LEE COUNTY, FLORIDA

REVISIONS

DATE	DESCRIPTION
3/25/11	PRSERVE AREA A

DATE:	MARCH, 2011
PROJECT NO.	20098240
FILE NO.	13-46-25
SCALE:	1"=400'

FIGURE 2-1

SHEET NUMBER

1 OF 1

Item D2-1-F

Florida Gulf Coast University
10501 FGCU Blvd South
Fort Myers, FL 33913

Inquiry Number: 4645799.2s
June 14, 2016

FirstSearch Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Search Summary Report

TARGET SITE **10501 FGCU BLVD SOUTH**
FORT MYERS, FL 33913

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	Y	0	0	0	0	0	0	0
NPL Delisted	Y	0	0	0	0	0	0	0
CERCLIS	Y	0	0	0	0	-	0	0
NFRAP	Y	0	0	0	0	-	0	0
RCRA COR ACT	Y	0	0	0	0	0	0	0
RCRA TSD	Y	0	0	0	0	-	0	0
RCRA GEN	Y	1	0	0	-	-	0	1
Federal IC / EC	Y	0	0	0	0	-	0	0
ERNS	Y	1	-	-	-	-	0	1
State/Tribal CERCLIS	Y	0	0	0	0	0	0	0
State/Tribal SWL	Y	0	0	0	0	-	0	0
State/Tribal LTANKS	Y	0	0	0	0	-	0	0
State/Tribal Tanks	Y	1	0	0	-	-	0	1
State/Tribal IC / EC	Y	0	0	0	0	-	0	0
State/Tribal VCP	Y	0	0	0	0	-	0	0
ST/Tribal Brownfields	Y	0	0	0	0	-	0	0
US Brownfields	Y	0	0	0	0	-	0	0
Other Haz Sites	Y	0	0	0	-	-	0	0
Spills	Y	1	-	-	-	-	0	1
Other	Y	15	0	0	-	-	0	15
	- Totals --	19	0	0	0	0	0	19

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Search Summary Report

TARGET SITE: **10501 FGCU BLVD SOUTH**
FORT MYERS, FL 33913

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	03/07/2016	1.000	0	0	0	0	0	0	0
	Proposed NPL	03/07/2016	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	03/07/2016	1.000	0	0	0	0	0	0	0
CERCLIS	SEMS	03/07/2016	0.500	0	0	0	0	-	0	0
NFRAP	SEMS-ARCHIVE	03/07/2016	0.500	0	0	0	0	-	0	0
RCRA COR ACT	CORRACTS	12/09/2015	1.000	0	0	0	0	0	0	0
RCRA TSD	RCRA-TSDF	12/09/2015	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	12/09/2015	0.250	0	0	0	-	-	0	0
	RCRA-SQG	12/09/2015	0.250	0	0	0	-	-	0	0
	RCRA-CESQG	12/09/2015	0.250	1	0	0	-	-	0	1
Federal IC / EC	US ENG CONTROLS	09/10/2015	0.500	0	0	0	0	-	0	0
	US INST CONTROL	09/10/2015	0.500	0	0	0	0	-	0	0
ERNS	ERNS	03/28/2016	TP	1	-	-	-	-	0	1
State/Tribal CERCLIS	SHWS	03/28/2016	1.000	0	0	0	0	0	0	0
State/Tribal SWL	SWF/LF	04/18/2016	0.500	0	0	0	0	-	0	0
State/Tribal LTANKS	LAST	05/02/2016	0.500	0	0	0	0	-	0	0
	LUST	04/02/2016	0.500	0	0	0	0	-	0	0
	INDIAN LUST	10/27/2015	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	04/02/2016	0.250	0	0	0	-	-	0	0
	AST	04/02/2016	0.250	1	0	0	-	-	0	1
	INDIAN UST	10/20/2015	0.250	0	0	0	-	-	0	0
State/Tribal IC / EC	ENG CONTROLS	02/01/2016	0.500	0	0	0	0	-	0	0
	INST CONTROL	02/01/2016	0.500	0	0	0	0	-	0	0
State/Tribal VCP	VCP	05/23/2016	0.500	0	0	0	0	-	0	0
ST/Tribal Brownfields	BROWNFIELDS	03/05/2016	0.500	0	0	0	0	-	0	0

Search Summary Report

TARGET SITE: **10501 FGCU BLVD SOUTH**
FORT MYERS, FL 33913

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
US Brownfields	US BROWNFIELDS	12/22/2015	0.500	0	0	0	0	-	0	0
Other Haz Sites	PRIORITYCLEANERS	04/01/2016	0.250	0	0	0	-	-	0	0
	Fl Sites	12/31/1989	1.000	0	0	0	0	0	0	0
	US CDL	02/18/2016	TP	0	-	-	-	-	0	0
Spills	HMIRS	06/24/2015	TP	0	-	-	-	-	0	0
	SPILLS	12/31/2015	TP	1	-	-	-	-	0	1
	SPILLS 90	12/10/2012	TP	0	-	-	-	-	0	0
	SPILLS 80	09/01/2001	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	12/09/2015	0.250	0	0	0	-	-	0	0
	TSCA	12/31/2012	TP	0	-	-	-	-	0	0
	TRIS	12/31/2014	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	PRP	10/25/2013	TP	0	-	-	-	-	0	0
	PADS	07/01/2014	TP	0	-	-	-	-	0	0
	ICIS	01/23/2015	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	MLTS	03/07/2016	TP	0	-	-	-	-	0	0
	RADINFO	07/07/2015	TP	0	-	-	-	-	0	0
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	US AIRS	10/20/2015	TP	0	-	-	-	-	0	0
	FINDS	07/20/2015	TP	15	-	-	-	-	0	15
	DRYCLEANERS	04/02/2016	0.250	0	0	0	-	-	0	0
	FL Cattle Dip. Vats	02/04/2005	0.250	0	0	0	-	-	0	0
	- Totals --			19	0	0	0	0	0	19

Site Information Report

Request Date:	JUNE 13, 2016	**Search Type:**	COORD
Request Name:	TOBY SCHWETJE	**Job Number:**	20139466-015

Target Site: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	81.774273	81.7742730 - 81˚ 46' 27.38''	Easting:	422816.4
Latitude:	26.463553	26.4635530 - 26˚ 27' 48.79''	Northing:	2927088.8
Elevation:	18 ft. above sea level		Zone:	Zone 17

Demographics

Sites: 19 **Non-Geocoded:** 0 **Population:** N/A

RADON

Federal EPA Radon Zone for LEE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LEE COUNTY, FL

Number of sites tested: 94

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.100 pCi/L	94%	6%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

State Database: FL Radon

Radon Test Results

Zip	Total Buildings	% of sites>4pCi/L	Data Source

Site Information Report

RADON

33913	48	33.3	Certified Residential Database
33913	8	0.0	Mandatory Non-Residential Database
33913	1	0.0	Mandatory Residential Database

Target Site Summary Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

TOTAL: 19 GEOCODED: 19 NON GEOCODED: 0

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	FINDS --110056992143 --110059701229 --110059701853	FLORIDA GULF COAST UNIVERSITY	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	1
A1	RCRA-CESQG --FLR000102293	FLORIDA GULF COAST UNIVERSITY	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	2
A2	FINDS --110035483205	FLORIDA GULF COAST UNIVERSITY	FGCU BLVD SOUTH FORT MYERS, FL 33965	0.00	+ 0	19
A3	FINDS --110035661370	FGCU - SUGDEN RESORT & HOSPITA	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	20
A4	FINDS --110012676292	FLORIDA GULF COAST UNIVERSITY	10501 FGCU BLVD SOUTH FT MYERS, FL 33965	0.00	+ 0	21
A5	AST --OPEN --9805562 --OPEN	FL GULF COAST UNIV	10501 FL GULF COAST BLVD FORT MYERS, FL 33965	0.00	+ 0	22
A6	FINDS --110028300906	FGCU STUDENT HOUSING ACCESS RD	10501 FGCU BLVD FORT MYERS, FL 33965	0.00	+ 0	24
A7	FINDS --110032783922	FGCU PARKING GARAGE - # 2	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	25
A8	FINDS --110032818681	FGCU - COLLEGE OF BUSINESS	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	26
A9	FINDS --110032805506	FGCU HOLMES HALL	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	27
A10	FINDS --110037468362	FGCU - ACADEMIC BUILDING 7	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	28

Target Site Summary Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

TOTAL: 19 GEOCODED: 19 NON GEOCODED: 0

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A11	FINDS --110037933644	FGCU STORAGE FACILITY	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	29
A12	FINDS --110039142077	FGCU STUDENT UNION CATERING	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	30
A13	FINDS --110039142102	FGCU FINE ARTS #2 - MUSIC BUIL	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	31
A14	FINDS --110040321158	FGCU - ROADWAY IMPROVEMENTS	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	32
A15	FINDS --110043752347	ACADEMIC BUILDING 8 & PARKING	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	33
A16	FINDS --110044266950	NORTH LAKE BATH HOUSE	10501 FGCU BLVD S FORT MYERS, FL 33965	0.00	+ 0	34
A17	ERNS --845937		10501 FGCU BLVD SOUTH FORT MYERS, FL 33965	0.00	+ 0	35
A18	SPILLS --37908 --Closed		10501 FGCU BOULEVARD SOUT FORT MYERS, FL	0.00	+ 0	36

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110056992143
ID/Status: 110059701229
ID/Status: 110059701853

FINDS:

Registry ID: 110056992143

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Registry ID: 110059701229

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Registry ID: 110059701853

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

RCRA-CESQG:
Date form received by agency: 02/20/2008
Facility name: FLORIDA GULF COAST UNIVERSITY
Facility address: 10501 FGCU BLVD S
FORT MYERS, FL 339656502
EPA ID: FLR000102293
Mailing address: FGCU BLVD S
FORT MYERS, FL 33965-6565
Contact: CHARLES D MCBRIDE
Contact address: FGCU BLVD S
FORT MYERS, FL 33965-6565
Contact country: US
Contact telephone: (239) 590-1100
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: TIITF STATE OF FL
Owner/operator address: 3900 COMMONWEALTH BLVD # 115
TALLAHASSEE, FL 32399
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 12/12/2003
Owner/Op end date: 03/31/2005

Owner/operator name: STATE OF FLORIDA

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Owner/operator address: 10501 FGCU BLVD S
FORT MYERS, FL 33965
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/31/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 12/12/2003
Site name: FLORIDA GULF COAST UNIVERSITY
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 02/20/2008
Date achieved compliance: 04/10/2008
Violation lead agency: State
Enforcement action: DEP NON-COMPLIANCE LETTER
Enforcement action date: 03/14/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/23/2007
Date achieved compliance: 01/11/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 10/23/2007
Date achieved compliance: 01/11/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 10/23/2007
Date achieved compliance: 01/11/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/23/2007

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Date achieved compliance: 01/11/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GSC:40 CFR 261.5(g)(3)
Area of violation: Listing - General
Date violation determined: 07/13/2005
Date achieved compliance: 09/06/2005
Violation lead agency: State
Enforcement action: DEP NON-COMPLIANCE LETTER
Enforcement action date: 08/05/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GOR:FAC Rule 62-710.401(6)
Area of violation: State Statute or Regulation
Date violation determined: 07/13/2005
Date achieved compliance: 09/06/2005
Violation lead agency: State
Enforcement action: DEP NON-COMPLIANCE LETTER
Enforcement action date: 08/05/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 07/13/2005
Date achieved compliance: 09/06/2005
Violation lead agency: State
Enforcement action: DEP NON-COMPLIANCE LETTER

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Enforcement action date: 08/05/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GPT:40 CFR 262.34(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 07/13/2005
Date achieved compliance: 09/06/2005
Violation lead agency: State
Enforcement action: DEP NON-COMPLIANCE LETTER
Enforcement action date: 08/05/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GPT:40 CFR 262.34(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: GGR:40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: GPT:40 CFR 262.34(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GPT:40 CFR 262.34(c)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: UOS:40 CFR 279.22(c)
Area of violation: Used Oil - Generators
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: DMC:40 CFR Subpart I
Area of violation: TSD IS-General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: DMC:40 CFR Subpart I
Area of violation: TSD IS-General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: UOS:40 CFR 279.22(c)

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Area of violation: Used Oil - Generators
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: DPP:40 CFR 265.31 :Previous citatio
Area of violation: TSD IS-Landfill Standards
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: DPP:40 CFR 265.31 :Previous citatio
Area of violation: TSD IS-Landfill Standards
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: DMC:40 CFR Subpart I
Area of violation: TSD IS-General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: DPP:40 CFR 265.31 :Previous citatio
Area of violation: TSD IS-Landfill Standards
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GSQ:40 CFR 262.34(d)(5)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GSQ:40 CFR 262.34(d)(5)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: GSQ:40 CFR 262.34(d)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Regulation violated: GSQ:40 CFR 262.34(d)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

- Continued on next page -

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.12
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: UOS:40 CFR 279.22(c)
Area of violation: Used Oil - Generators
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.12
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Regulation violated: GSQ:40 CFR 262.34(d)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP WARNING LETTER
Enforcement action date: 11/07/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GSQ:40 CFR 262.34(d)(5)
Area of violation: Generators - Pre-transport
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP MEETING
Enforcement action date: 12/16/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: GGR:40 CFR 262.12
Area of violation: Generators - General
Date violation determined: 10/07/2003
Date achieved compliance: 07/06/2004
Violation lead agency: State
Enforcement action: DEP CONSENT ORDER
Enforcement action date: 07/06/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 34604.67
Paid penalty amount: 9026

Evaluation Action Summary:
Evaluation date: 02/20/2008

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 04/10/2008
Evaluation lead agency: State

Evaluation date: 10/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 01/11/2008
Evaluation lead agency: State

Evaluation date: 10/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/11/2008
Evaluation lead agency: State

Evaluation date: 10/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 01/11/2008
Evaluation lead agency: State

Evaluation date: 10/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 01/11/2008
Evaluation lead agency: State

Evaluation date: 07/13/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 09/06/2005
Evaluation lead agency: State

Evaluation date: 07/13/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/06/2005
Evaluation lead agency: State

Evaluation date: 07/13/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/06/2005

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Evaluation lead agency: State

Evaluation date: 07/13/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 09/06/2005
Evaluation lead agency: State

Evaluation date: 11/18/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/06/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/25/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/02/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/26/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/23/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/2004

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/18/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/07/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/18/2003
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/05/2003
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/07/2003
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/07/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General
Date achieved compliance: 07/06/2004
Evaluation lead agency: State

Evaluation date: 10/07/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 07/06/2004

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

RCRA-CESQG

EDR ID: 1007201698 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A1

NAME: FLORIDA GULF COAST UNIVERSITY BOARDWALK
Rev: 12/09/2015
ID/Status: FLR000102293

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US Environmental Protection Agency

Evaluation lead agency: State

Evaluation date: 10/07/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/06/2004
Evaluation lead agency: State

Evaluation date: 10/07/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/06/2004
Evaluation lead agency: State

Evaluation date: 10/07/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Landfill Standards
Date achieved compliance: 07/06/2004
Evaluation lead agency: State

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1011396908 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A2

NAME: FLORIDA GULF COAST UNIVERSITY - PARKING STRUCTURE **Rev:** 07/20/2015
ID/Status: 110035483205

ADDRESS: FGCU BLVD SOUTH
FORT MYERS, FL 33965
LEE

SOURCE: US EPA

FINDS:

Registry ID: 110035483205

Environmental Interest/Information System
Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1011432153 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A3

NAME: FGCU - SUGDEN RESORT & HOSPITALITY
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110035661370

FINDS:

Registry ID: 110035661370

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1006326822 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A4

NAME: FLORIDA GULF COAST UNIVERSITY SUPPORT CENTER
ADDRESS: 10501 FGCU BLVD SOUTH
FT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110012676292

FINDS:

Registry ID: 110012676292

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

AST

EDR ID: A100229165 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A5

NAME: FL GULF COAST UNIV

ADDRESS: 10501 FL GULF COAST BLVD S
FORT MYERS, FL 33965

Rev: 04/02/2016
ID/Status: OPEN
ID/Status: 9805562
ID/Status: OPEN

SOURCE: FL Department of Environmental Protection

AST:
Facility ID: 9805562
Facility Status: OPEN
Type Description: State Government
Facility Phone: (239) 209-4900
DEP Contractor Own: C
Region: STATE
Positioning Method: Not reported
Lat/Long (dms): Not reported

Owner:
Owner Id: 54320
Owner Name: FL GULF COAST UNIV
Owner Address: 10501 FL GULF COAST UNIV BLVD S
Owner Address 2: ATTN: PHYSICAL PLANT
Owner City,St,Zip: FORT MYERS, FL 33965
Owner Contact: JIM HEHL | VIKKI MCCONNELL (239) 590-1314
Owner Phone: (239) 590-1313

Tank Id: 1
Status: In service
Status Date: 01-MAR-2003
Install Date: 01-MAR-2003
Substance: Unleaded gas
Content Description: Unleaded Gas
Gallons: 1000
Tank Location: ABOVEGROUND

Construction:
Tank Id: 1
Construction Category: Primary Construction
Construction Description: Steel

Tank Id: 1
Construction Category: Secondary Containment
Construction Description: Double wall - tank jacket

Tank Id: 1
Construction Category: Overfill/Spill
Construction Description: Spill containment bucket

Tank Id: 1
Construction Category: Overfill/Spill

- Continued on next page -

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

AST

EDR ID: A100229165 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A5

NAME: FL GULF COAST UNIV

ADDRESS: 10501 FL GULF COAST BLVD S
FORT MYERS, FL 33965

Rev: 04/02/2016
ID/Status: OPEN
ID/Status: 9805562
ID/Status: OPEN

SOURCE: FL Department of Environmental Protection

Construction Description: Tight fill

Tank Id: 1
Construction Category: Overfill/Spill
Construction Description: Level gauges/alarms

Tank Id: 1
Construction Category: Miscellaneous Attributes
Construction Description: Compartmented

Monitoring:
Tank ID: 1
Monitoring Description: Monitor dbl wall tank space

Tank ID: 1
Monitoring Description: Visual inspection of ASTs

Piping:
Tank ID: 1
Piping Category: Primary Construction
Piping Description: Steel/galvanized metal

Tank ID: 1
Piping Category: Miscellaneous Attributes
Piping Description: Abv, no soil contact

Click here for Florida Oculus:

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1010027831 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A6

NAME: FGCU STUDENT HOUSING ACCESS RD

ADDRESS: 10501 FGCU BLVD
FORT MYERS, FL 33965
LEE

SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110028300906

FINDS:

Registry ID: 110028300906

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1010491251 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A7

NAME: FGCU PARKING GARAGE - # 2
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110032783922

FINDS:

Registry ID: 110032783922

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1010500236 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A8

NAME: FGCU - COLLEGE OF BUSINESS
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110032818681

FINDS:

Registry ID: 110032818681

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1010502537 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A9

NAME: FGCU HOLMES HALL
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110032805506

FINDS:

Registry ID: 110032805506

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1011925740 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A10

NAME: FGCU - ACADEMIC BUILDING 7
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110037468362

FINDS:

Registry ID: 110037468362

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1011980230 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A11

NAME: FGCU STORAGE FACILITY
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110037933644

FINDS:

Registry ID: 110037933644

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1012138793 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A12

NAME: FGCU STUDENT UNION CATERING
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110039142077

FINDS:

Registry ID: 110039142077

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1012139414 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A13

NAME: FGCU FINE ARTS #2 - MUSIC BUIL

ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE

SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110039142102

FINDS:

Registry ID: 110039142102

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1012232702 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A14

NAME: FGCU - ROADWAY IMPROVEMENTS
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110040321158

FINDS:

Registry ID: 110040321158

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1014882350 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A15

NAME: ACADEMIC BUILDING 8 & PARKING GARAGE 4
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110043752347

FINDS:

Registry ID: 110043752347

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

FINDS

EDR ID: 1014883444 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A16

NAME: NORTH LAKE BATH HOUSE
ADDRESS: 10501 FGCU BLVD S
FORT MYERS, FL 33965
LEE
SOURCE: US EPA

Rev: 07/20/2015
ID/Status: 110044266950

FINDS:

Registry ID: 110044266950

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

ERNS

EDR ID: 2007321763 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A17

NAME:

Rev: 03/28/2016
ID/Status: 845937

ADDRESS: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33965
LEE

SOURCE: US National Response Center, United States Coast Guard

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Site Detail Report

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

JOB: 20139466-015

SPILLS

EDR ID: S108399796 **DIST/DIR:** 0.000 **ELEVATION:** 18 **MAP ID:** A18

NAME:

ADDRESS: 10501 FGCU BOULEVARD SOUTH
FORT MYERS, FL
LEE

SOURCE: FL Department of Environmental Protection

Rev: 12/31/2015
ID/Status: 37908
ID/Status: Closed

SPILLS:
OHMIT Incident Number: 37908
Incident Number: Not reported
On-Scene Response: No
Criminal Indicator: No
Hurricane Indicator: No
Incident Date: 08/17/2007
Incident Status: Closed
Incident Report Date: Not reported
Pollutant: Methylene chloride
Pollutants Category: Solvent
Substance Spilled: Methylene chloride
Amount Spilled (Gallons): 0.26
Pollutant - Unit Measure: gallon

Incident Party Name: BER - Tampa
Description: Agency

Incident Party Name: Florida Gulf Coast University
Description: Reporting Party

Incident Party Name: Florida Gulf Coast University
Description: Responsible Party

Database Descriptions

NPL: NPL National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: Delisted NPL The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Delisted NPL - National Priority List Deletions

CERCLIS: SEMS SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL. SEMS - Superfund Enterprise Management System

NFRAP: SEMS-ARCHIVE SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site. SEMS-ARCHIVE - Superfund Enterprise Management System Archive

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

RCRA TSD: RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

RCRA GEN: RCRA-LQG RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-CESQG - RCRA - Conditionally Exempt Small Quantity Generators.

Federal IC / EC: US ENG CONTROLS A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

Database Descriptions

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

State/Tribal CERCLIS: SHWS State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state. SHWS - Florida's State-Funded Action Sites

State/Tribal SWL: SWF/LF Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF - Solid Waste Facility Database

State/Tribal LTANKS: LUST LAST - Leaking Aboveground Storage Tank Listing. The file for Leaking Aboveground Storage Tanks. Please remember STCM does not track the source of the discharge so the agency provides a list of facilities with an aboveground tank and an open discharge split by facilities with aboveground tanks only and facilities with aboveground and underground tanks. LAST - Leaking Aboveground Storage Tank Listing INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R5 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: UST Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program. UST - Storage Tank Facility Information AST - Storage Tank Facility Information. BROWARD CO AST - Aboveground Storage Tanks. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land.

State/Tribal IC / EC: ENG CONTROLS The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems. ENG CONTROLS - Institutional Controls Registry Inst Control - Institutional Controls Registry.

State/Tribal VCP: VCP Listing of closed and active voluntary cleanup sites. VCP - Voluntary Cleanup Sites

ST/Tribal Brownfields: BROWNFIELDS BSRA - Brownfield Site Rehabilitation Agreements Listing. BROWNFIELDS AREAS - Brownfields Areas Database. Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. BROWNFIELDS AREAS - Brownfields Sites Database

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

Database Descriptions

Other SWF: LF PALM BEACH LF HILLSBOROUGH - Hillsborough County LF. Hillsborough county landfill sites. LF HILLSBOROUGH - Hillsborough County LF

Other Haz Sites: PRIORITYCLEANERS The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility. PRIORITYCLEANERS - Priority Ranking List FL SITES - Sites List. US CDL - Clandestine Drug Labs.

Other Tanks: Broward Co. UST All known regulated storage tanks within Broward County, including those tanks that have been closed Broward Co. UST - Underground Storage Tanks Miami-Dade Co. Tanks - Storage Tanks.

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System SPILLS - Oil and Hazardous Materials Incidents. Miami-Dade Co. SPILL - Fuel Spills Cases. SPILLS 90 - SPILLS90 data from FirstSearch. SPILLS 80 - SPILLS80 data from FirstSearch.

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators / No Longer Regulated FEDLAND - Federal and Indian Lands. TSCA - Toxic Substances Control Act. TRIS - Toxic Chemical Release Inventory System. SSTS - Section 7 Tracking Systems. RAATS - RCRA Administrative Action Tracking System. PRP - Potentially Responsible Parties. PADS - PCB Activity Database System. ICIS - Integrated Compliance Information System. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. BRS - Biennial Reporting System. INDIAN RESERV - Indian Reservations. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. FINDS - Facility Index System/Facility Registry System. DRYCLEANERS - Drycleaning Facilities. Enforcement Miami-Dade - Enforcement Case Tracking System Sites. FL Cattle Dip. Vats - Cattle Dipping Vats.

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal CERCLIS: Department of Environmental Protection

Updated Semi-Annually

State/Tribal SWL: Department of Environmental Protection

Updated Semi-Annually

State/Tribal LTANKS: Department of Environmental Protection

Varies

State/Tribal Tanks: Department of Environmental Protection

Updated Quarterly

Database Sources

State/Tribal IC / EC: Department of Environmental Protection

Updated Semi-Annually

State/Tribal VCP: Department of Environmental Protection

Varies

ST/Tribal Brownfields: Department of Environmental Protection

Updated Quarterly

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other SWF: Hillsborough County Environmental Protection Commission

Varies

Other Haz Sites: Department of Environmental Protection

Varies

Other Tanks: Broward County Environmental Protection Department

Updated Annually

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 10501 FGCU BLVD SOUTH
FORT MYERS, FL 33913

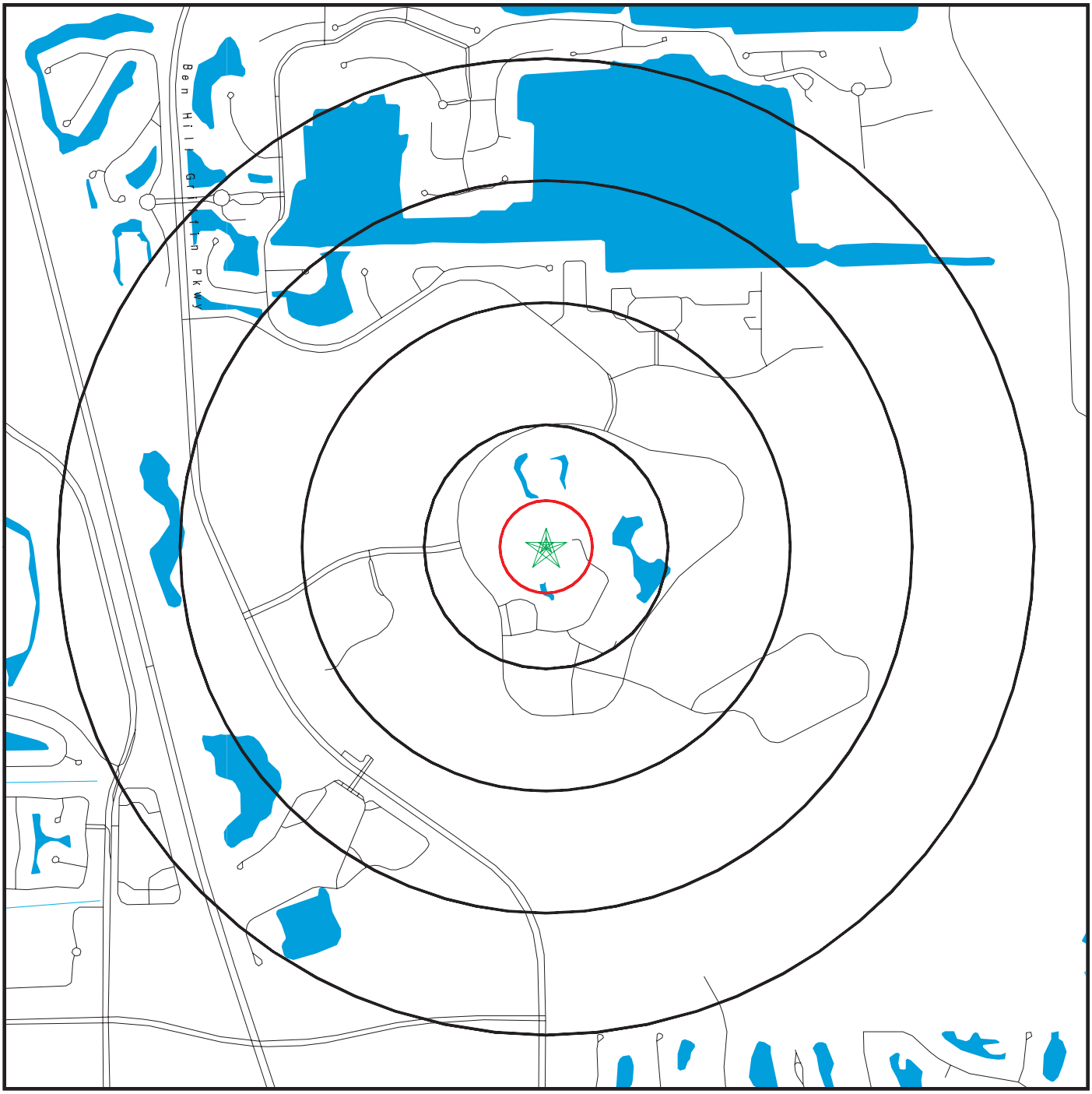
JOB: 20139466-015

Street Name	Dist/Dir	Street Name	Dist/Dir
FGCU Blvd	0.17 West		
FGCU Blvd N	0.18 West		
FGCU Blvd S	0.15 SW		

Environmental FirstSearch

1.000 Mile Radius
ASTM MAP: NPL, RCRACOR, STATES Sites

10501 FGCU BLVD SOUTH FORT MYERS, FL 33913



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 26.463553 Longitude: 81.774273)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

FL Brownfield

EDR Reference Code (EDR internal use only): 4645799.2s
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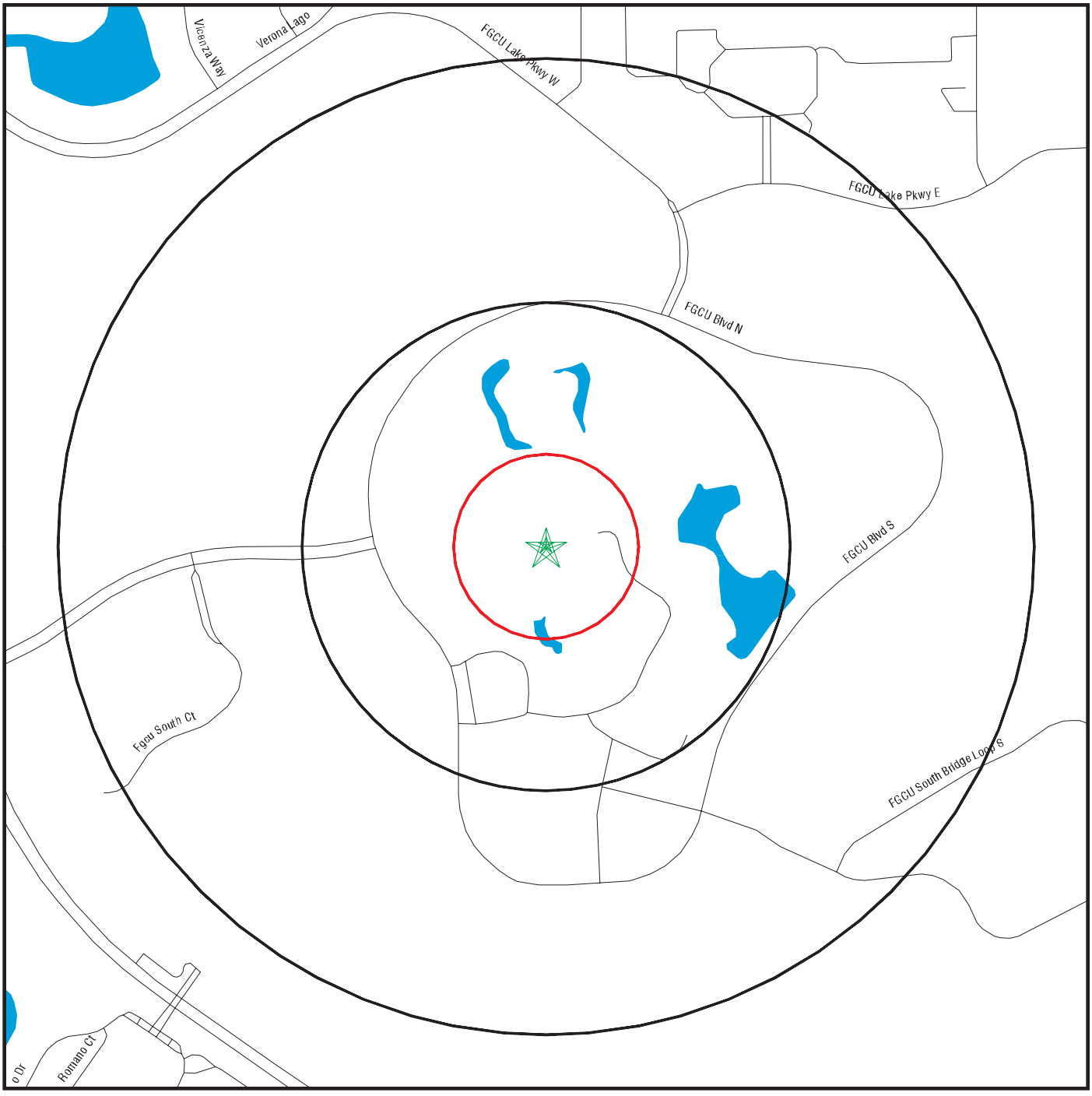
16-06-14.09:40:11.Tue

Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL

10501 FGCU BLVD SOUTH FORT MYERS, FL 33913



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 26.463553 Longitude: 81.774273)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

FL Brownfield

EDR Reference Code (EDR Internal use only): 4645799.2s

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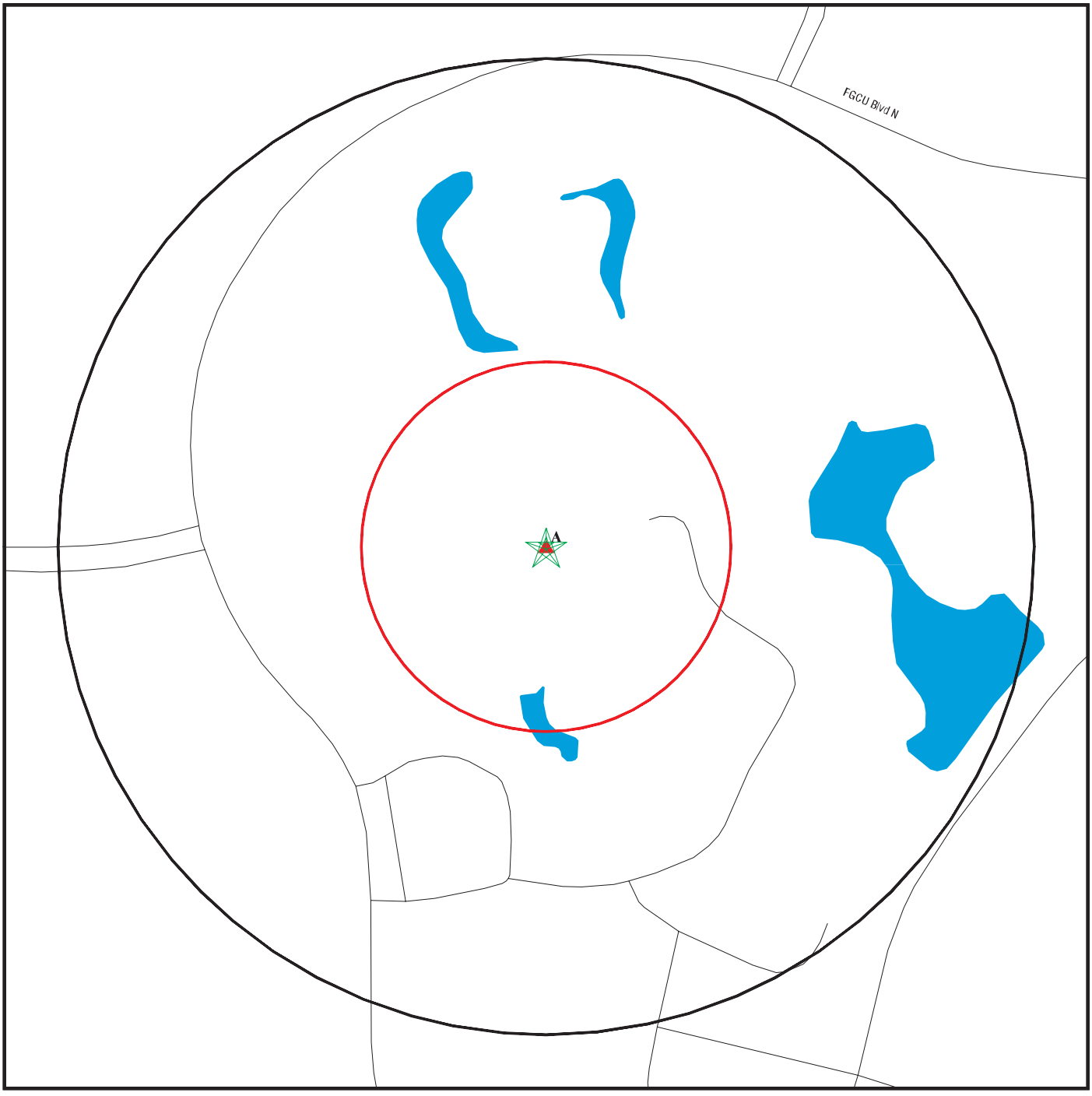
16-06-14.09:40:29.Tue

Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

10501 FGCU BLVD SOUTH FORT MYERS, FL 33913



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 26.463553 Longitude: 81.774273)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

FL Brownfield

EDR Reference Code (EDR internal use only): 4645799.2s
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16-06-14.09:40:50.Tue

Environmental FirstSearch

0.500 Mile Radius
Non ASTM Map, Spills, FINDS

10501 FGCU BLVD SOUTH FORT MYERS, FL 33913

Black Rings Represent Qtr. Mile Radius; **Red Ring Represents 500 ft. Radius**

- ★ **Target Property (Latitude: 26.463553 Longitude: 81.774273)**
- ▲ **Identified Sites**
- **Sensitive Receptors**
- **National Priority List Sites**
- **Indian Reservations BIA**
- **FL Brownfield**

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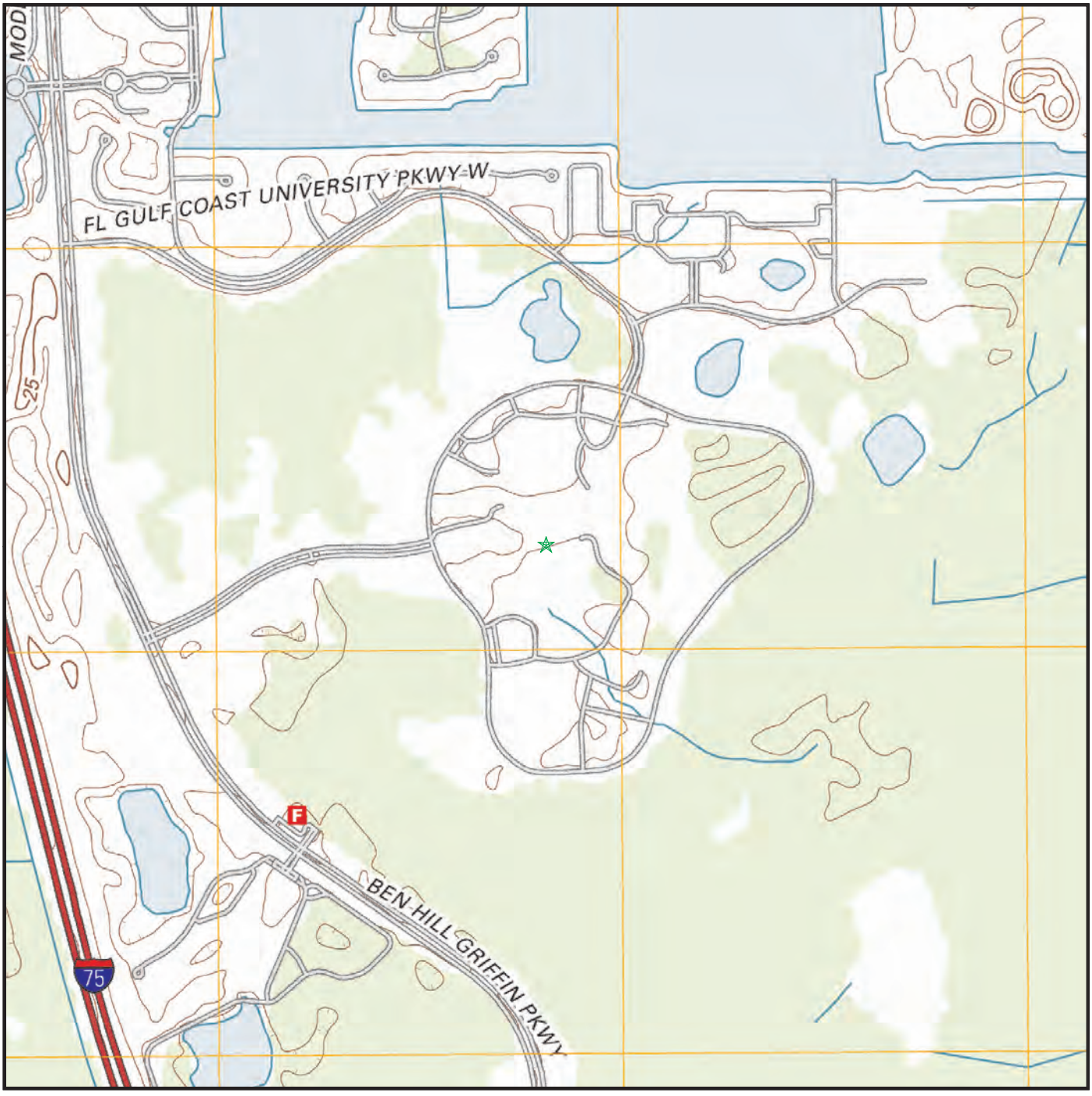
Site location Map

Topo: 0.75 Mile Radius

10501 FGCU BLVD SOUTH FORT MYERS, FL 33913



Map Image Position: TP
Map Reference Code & Name: 5652606 Estero
Map State(s): FL
Version Date: 2012

Item D2-1-I

FGCU Center for Entrepreneurship and Innovation Dewatering Drawdown

Dewatering activities conducted at the FGCU Center for Entrepreneurship and Innovation project site will include dewatering the proposed utilities to a depth of up to 10 feet below land surface (bls) for a duration of approximately 3 days at a given location. This represents the longest requested dewatering duration at the lowest average elevation without use of sheet piling or similar methods to minimize drawdown. The calculations presented here assume dewatering up to 10 feet deep for 3 days. Using a one dimensional, analytical solution to calculate drawdown in an unconfined aquifer due a change in stage from *Dynamics of Fluids in Porous Media* (Bear, 1972):

$\eta(x, t) = H_0 - D\ \mathrm{erfc}(\alpha)$

for $t < 0$, $x > 0$: $h = H_0$ (or $\eta = 0$); $t > 0$, $x = 0$: $h = D$ ($\eta = H_0 - D$)

where H_0 = starting water level above the base of the unconfined aquifer

D = water level above the base of the unconfined aquifer at location of dewatering

h = water level above the base of the unconfined aquifer at time t and distance x

$H_0 - D$ = drawdown at location of dewatering

$\eta(x, t)$ = drawdown at time t and distance x due to dewatering

$\alpha = (n_e x^2/4Tt)^{\wedge 1/2}$ (square root of the specific porosity (i.e. specific yield) multiplied by the square of the distance from dewatered location divided by transmissivity multiplied by time since the start of dewatering)

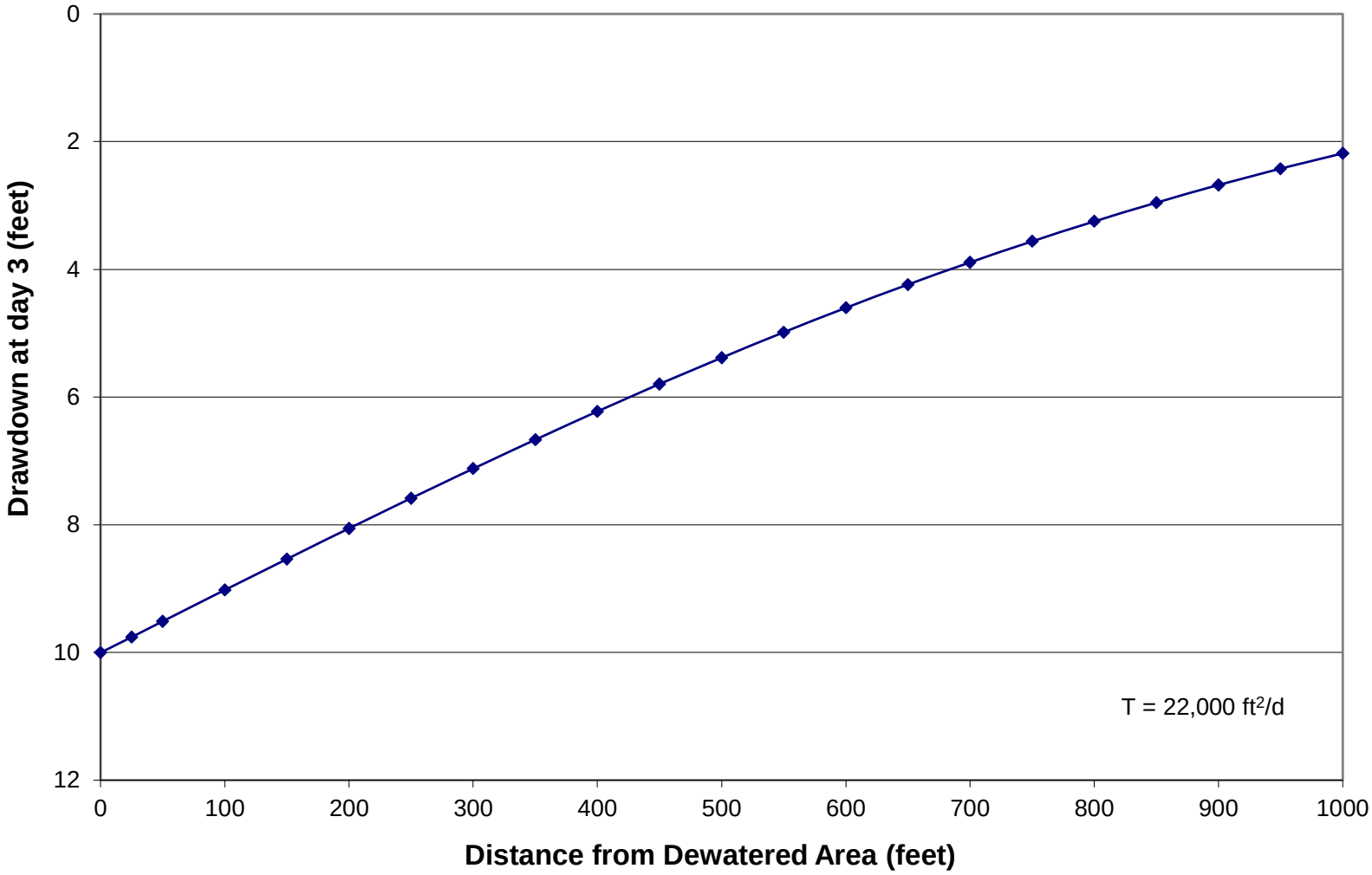
erfc = the complementary error function integrated between x and infinity:

$$erfc(x) = 2/\sqrt{\pi} \int_x^{\infty} e^{-t^2} dt = 1 - erf(x)$$

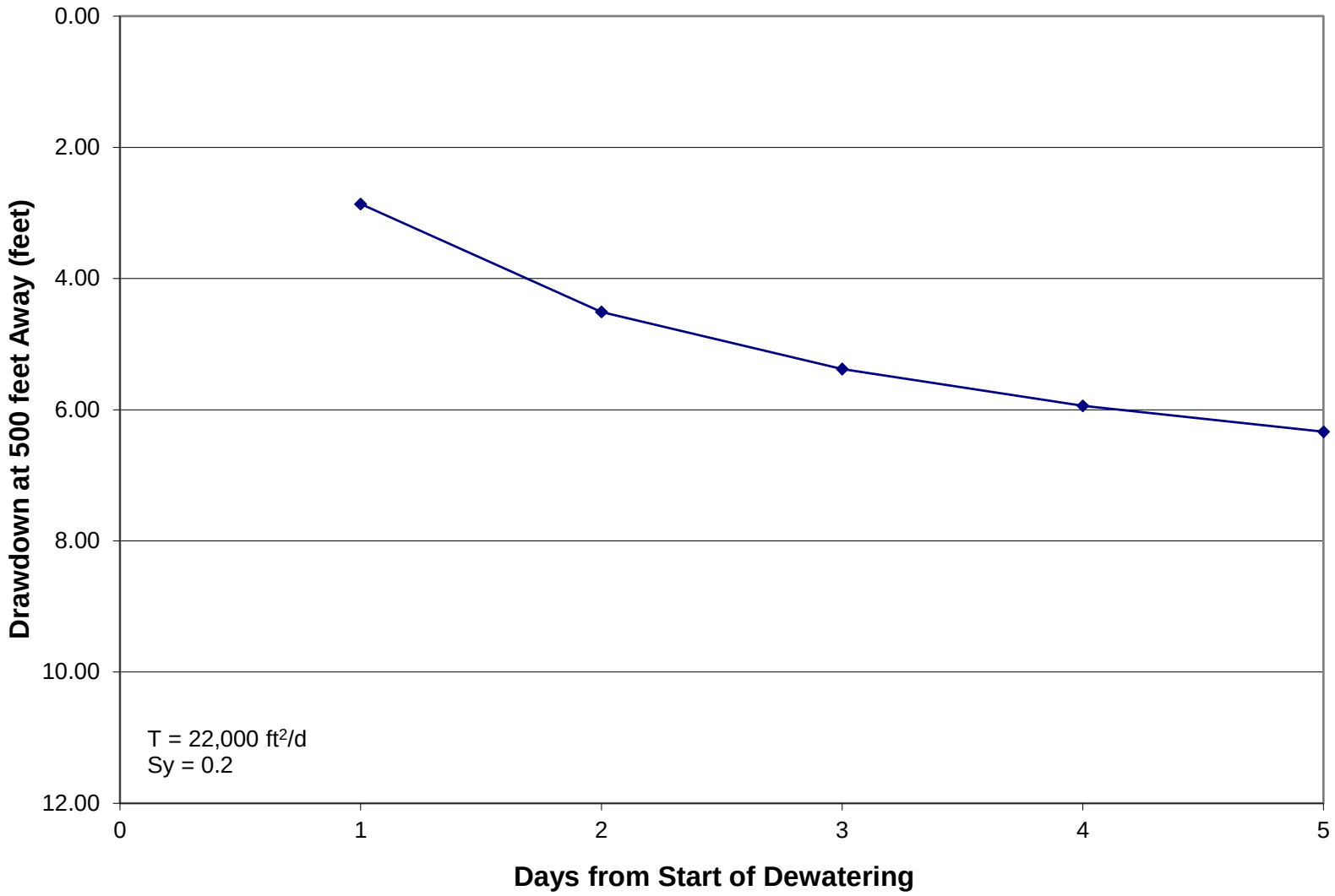
The transmissivity value of 22,000 square feet/day is based on aquifer performance tests (APTs) conducted in the vicinity of the project site, as reported in the SFWMD's DBHydro database.

Results of this calculation indicate that a location 500 feet away from an area being dewatered to 10 feet bls may experience 5.4 feet of drawdown after 3 days of continuous dewatering. After 3 days of continuous dewatering, 1 foot of drawdown may extend approximately 1,300 feet from the dewatering location. The solution assumes no recharge or presence of other surface water features, including existing lakes, retention areas and ditches that may minimize drawdown related to dewatering. As discussed in the application, existing lakes and other surface water features will be used to limit the extent of drawdown. The calculations presented above do not account for use of such hydraulic barriers.

Drawdown with Distance at Day 3 Due to Dewatering to 10 Feet BLS



Drawdown at 500 feet from Location Dewatered to 10 Feet BLS



FGCU School of Water Resources and Integrated Sciences Dewatering Drawdown

Dewatering activities conducted at the FGCU School of Water Resources and Integrated Sciences project site will include dewatering the proposed utilities to a depth of up to 12 feet below land surface (bls) for a duration of approximately 3 days at a given location. This represents the longest requested dewatering duration at the lowest average elevation without use of sheet piling or similar methods to minimize drawdown. The calculations presented here assume dewatering up to 12 feet deep for 3 days. Using a one dimensional, analytical solution to calculate drawdown in an unconfined aquifer due a change in stage from *Dynamics of Fluids in Porous Media* (Bear, 1972):

$\eta(x, t) = H_0 - D\ \mathrm{erfc}(\alpha)$

for $t < 0$, $x > 0$: $h = H_0$ (or $\eta = 0$); $t > 0$, $x = 0$: $h = D$ ($\eta = H_0 - D$)

where H_0 = starting water level above the base of the unconfined aquifer

D = water level above the base of the unconfined aquifer at location of dewatering

h = water level above the base of the unconfined aquifer at time t and distance x

$H_0 - D$ = drawdown at location of dewatering

$\eta(x, t)$ = drawdown at time t and distance x due to dewatering

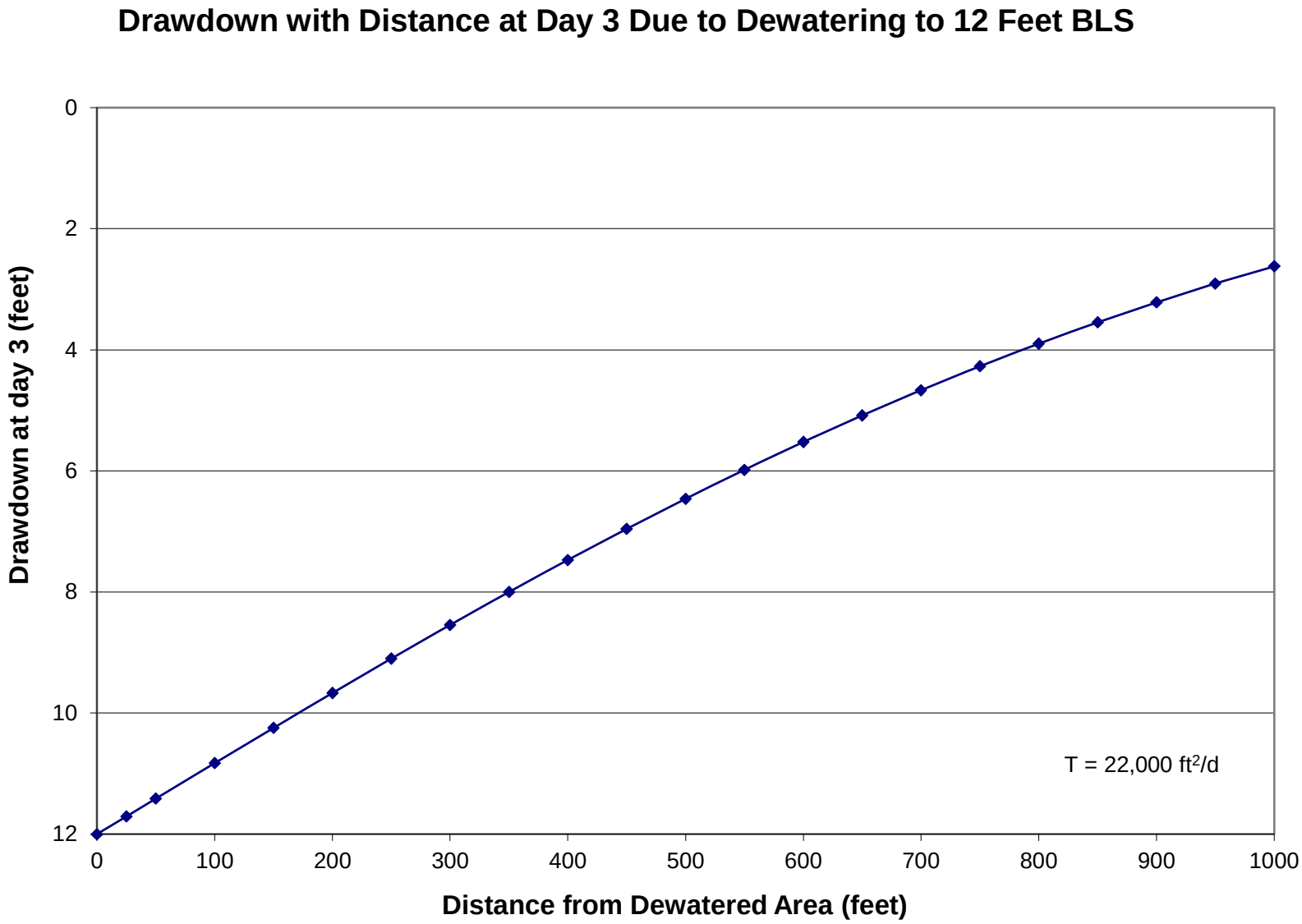
$\alpha = (n_e x^2/4Tt)^{\wedge 1/2}$ (square root of the specific porosity (i.e. specific yield) multiplied by the square of the distance from dewatered location divided by transmissivity multiplied by time since the start of dewatering)

erfc = the complementary error function integrated between x and infinity:

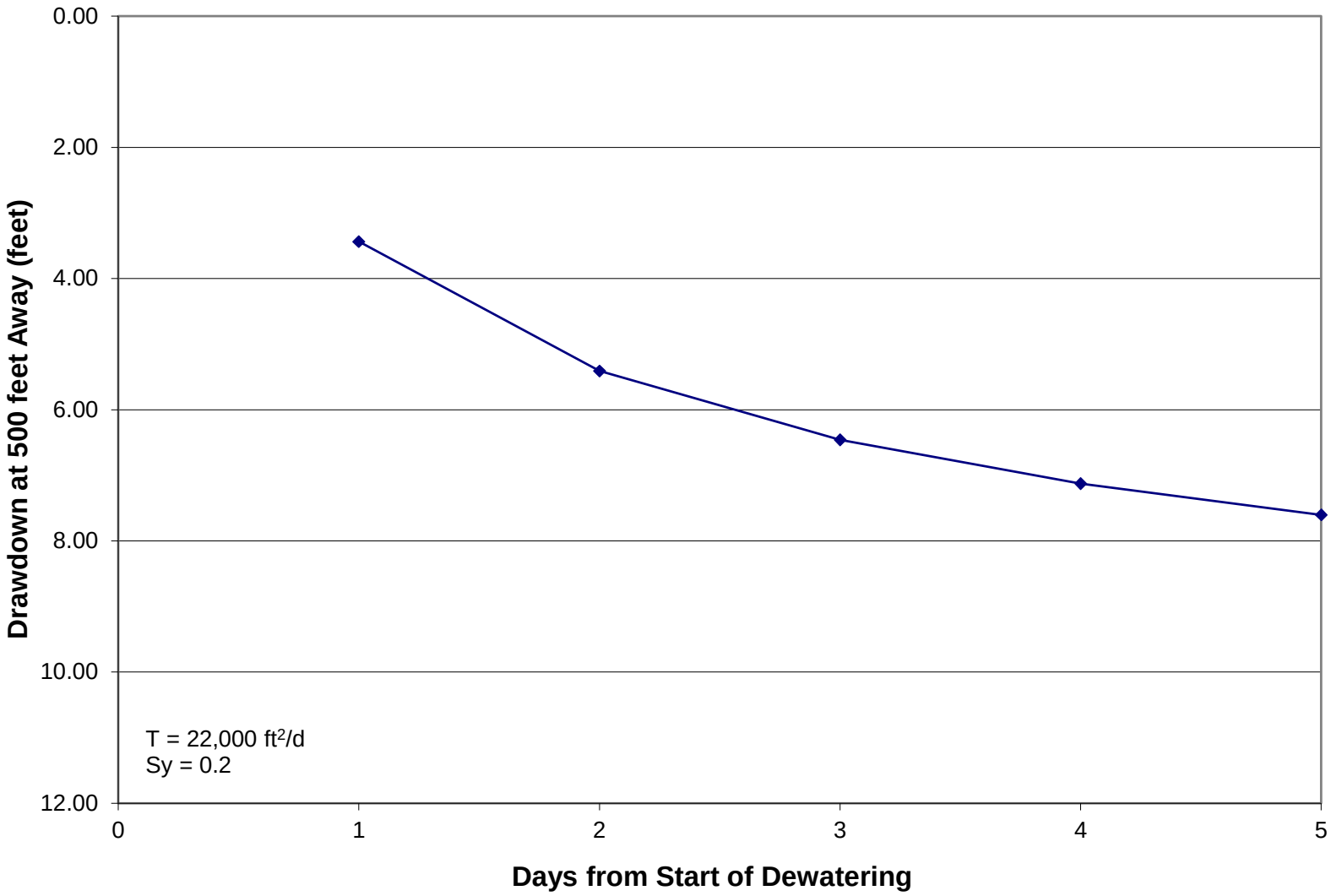
$$erfc(x) = 2/\sqrt{\pi} \int_x^{\infty} e^{-t^2} dt = 1 - erf(x)$$

The transmissivity value of 22,000 square feet/day is based on aquifer performance tests (APTs) conducted in the vicinity of the project site, as reported in the SFWMD's DBHydro database.

Results of this calculation indicate that a location 500 feet away from an area being dewatered to 12 feet bls may experience 6.5 feet of drawdown after 3 days of continuous dewatering. After 3 days of continuous dewatering, 1 foot of drawdown may extend approximately 1,400 feet from the dewatering location. The solution assumes no recharge or presence of other surface water features, including existing lakes, retention areas and ditches that may minimize drawdown related to dewatering. As discussed in the application, existing lakes and other surface water features will be used to limit the extent of drawdown. The calculations presented above do not account for use of such hydraulic barriers.


Drawdown with Distance at Day 3 Due to Dewatering to 12 Feet BLS
Drawdown at day 3 (feet)
0
2
4
6
8
10
12
0
100
200
300
400
500
600
700
800
900
1000
Distance from Dewatered Area (feet)
T = 22,000 ft²/d

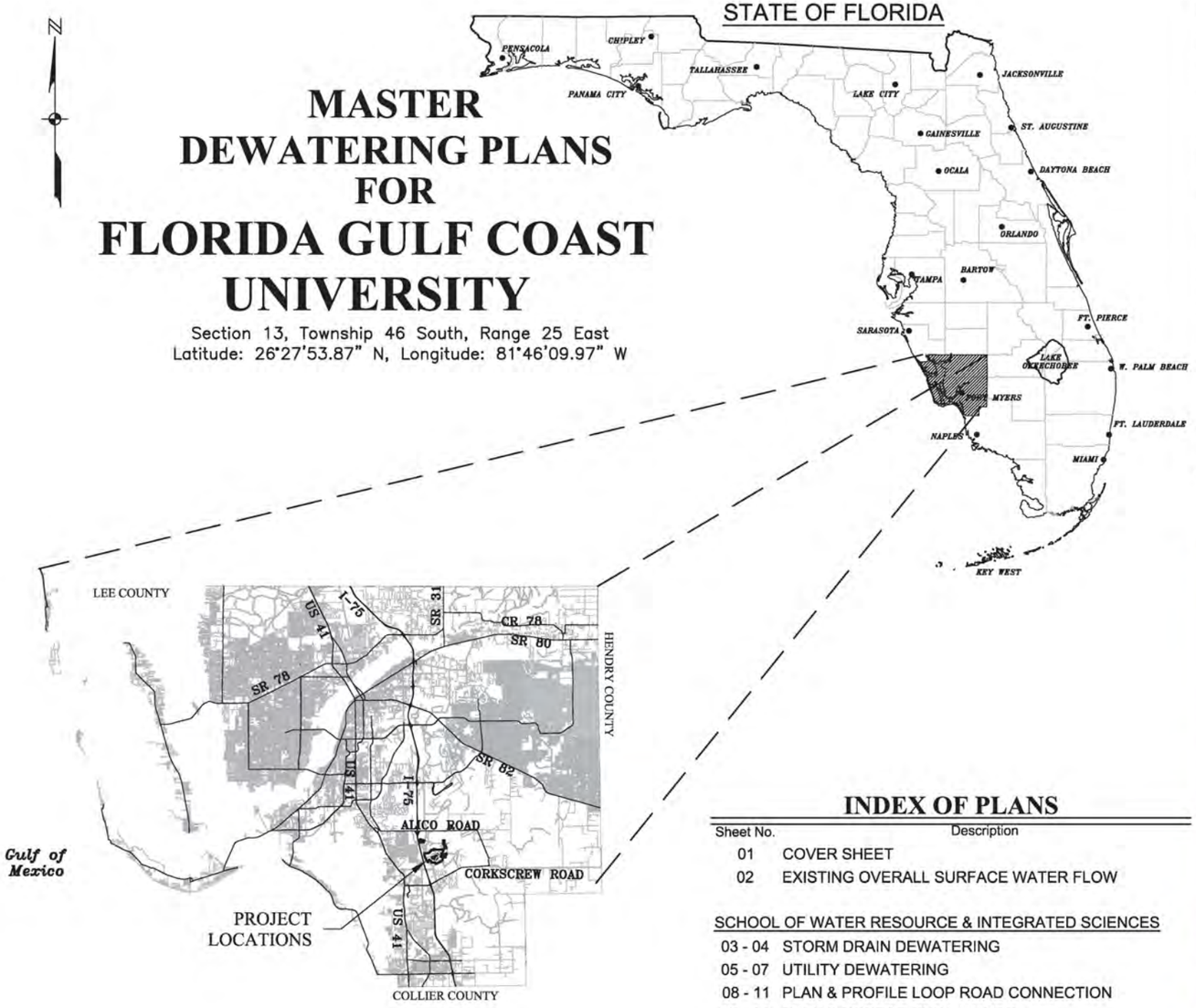
Drawdown at 500 feet from Location Dewatered to 12 Feet BLS



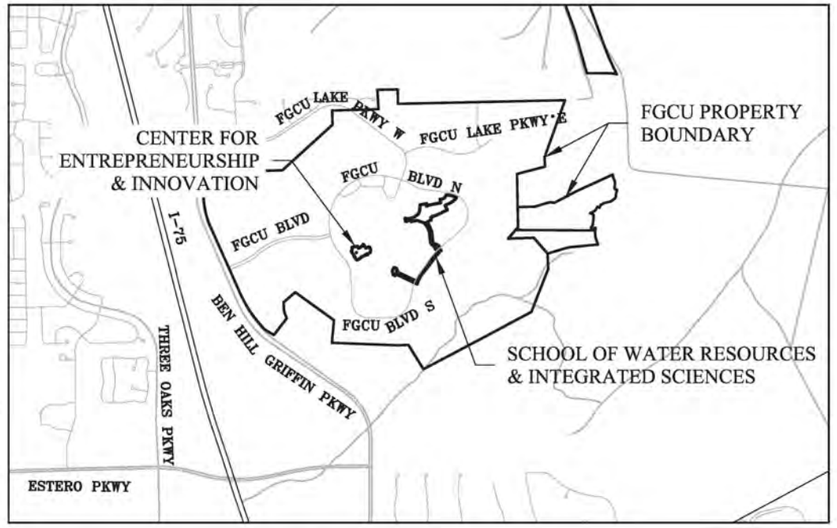
Item D2-1-K

MASTER DEWATERING PLANS FOR FLORIDA GULF COAST UNIVERSITY

Section 13, Township 46 South, Range 25 East
Latitude: 26°27'53.87" N, Longitude: 81°46'09.97" W



LEE COUNTY
N.T.S.



STREET MAP
N.T.S.

VICINITY AERIAL
N.T.S.

INDEX OF PLANS

NOTES:

Aerial Photographs were acquired from Lee County and have a flight date of 2019

These Drawings are for Permitting Purposes only and are NOT intended for construction use.

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

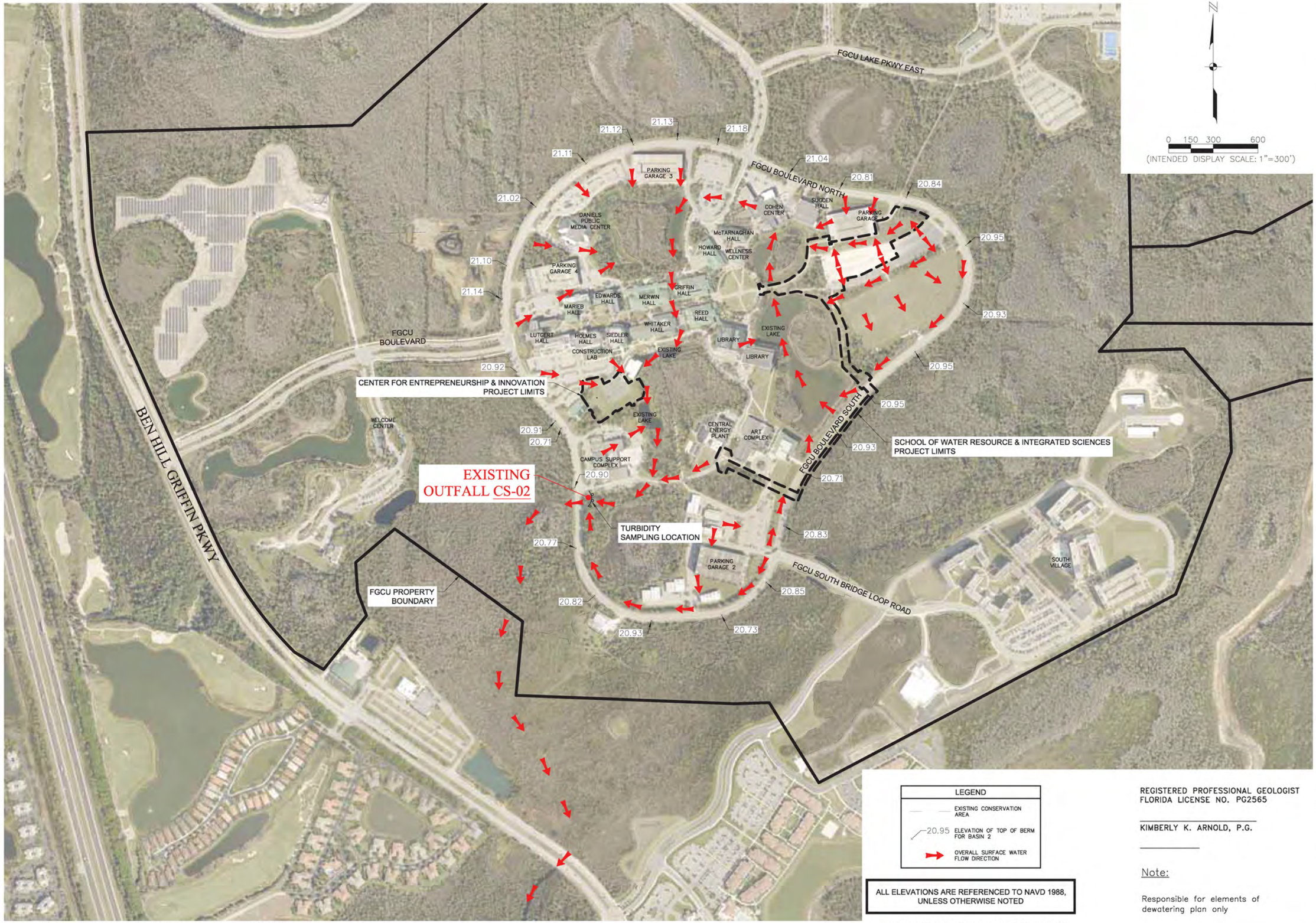
KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

\\fms01\Drawings\2013\2013466-015\ArcGIS\Permit Modification\Master Cover Sheet.dwg (Layout1) ljc Feb 05, 2021 - 11:23am

FLORIDA GULF COAST UNIVERSITY	MASTER DEWATERING PLANS LEE COUNTY, FLORIDA	JOHNSON ENGINEERING	JOHNSON ENGINEERING, INC. 2122 JOHNSON STREET P.O. BOX 1550 FORT MYERS, FLORIDA 33902-1550 PHONE: (239) 334-0046 FAX: (239) 334-3661 E.B. #642 & L.B. #642	COVER SHEET		
				DATE: FEB. 2021	PROJECT NO.: N/A	FILE NO.: 13-46-25
				SCALE: AS SHOWN	SHEET: 01	



LEGEND

- EXISTING CONSERVATION AREA
- 20.95 ELEVATION OF TOP OF BERM FOR BASIN 2
- OVERALL SURFACE WATER FLOW DIRECTION

ALL ELEVATIONS ARE REFERENCED TO NAVD 1988, UNLESS OTHERWISE NOTED

AERIAL PHOTOGRAPH SOURCE: MR. SID – FLIGHT YEAR: 2020

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

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FLORIDA GULFCOAST UNIVERSITY

MASTER DRAINAGE EXHIBIT
LEE COUNTY, FLORIDA

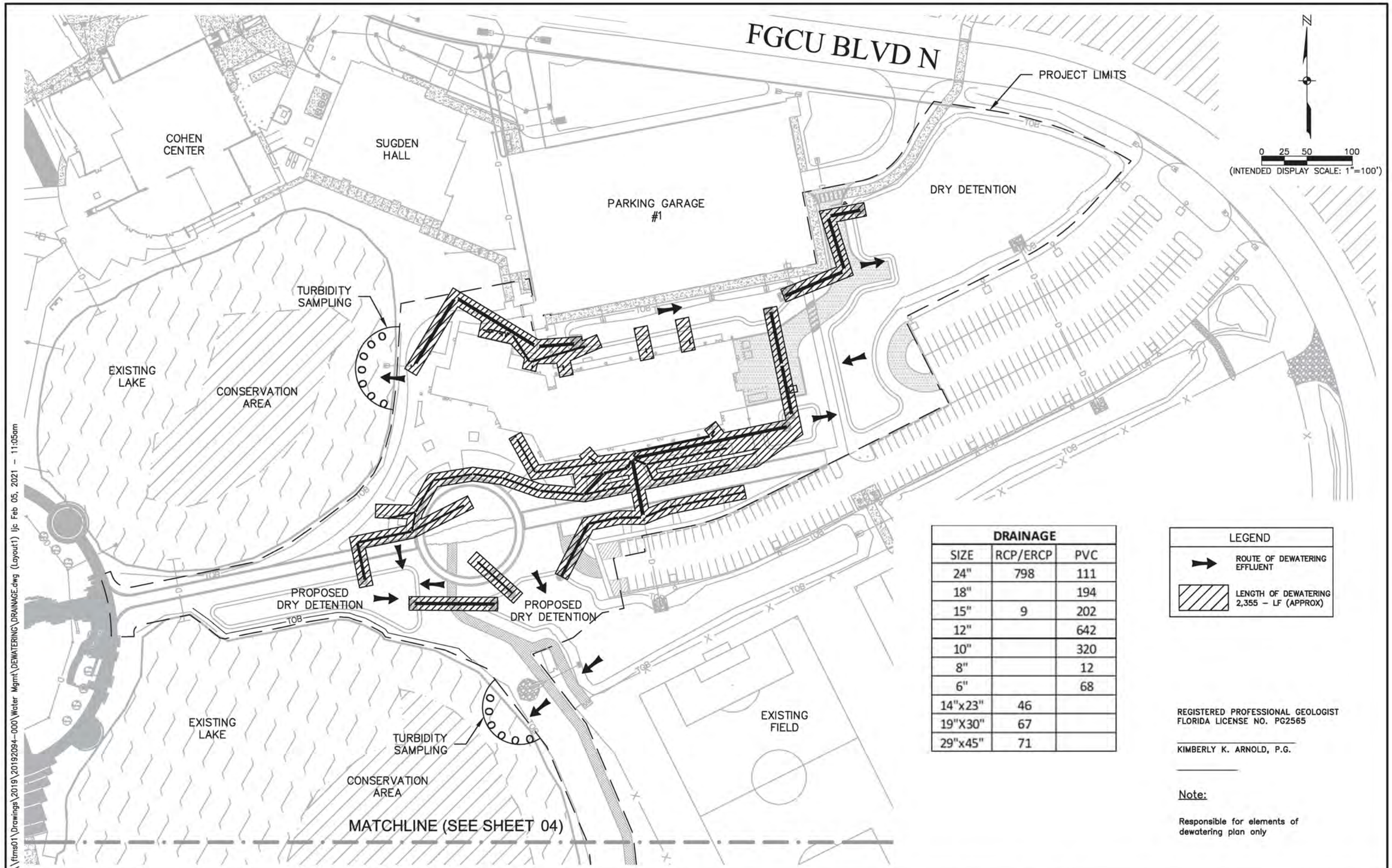
REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEBRUARY 2021
PROJECT NO.	20139466-015
FILE NO.	13-46-25
SCALE:	1" = 300'

EXISTING OVERALL SURFACE WATER FLOW

SHEET NUMBER
02



\\fcms01\Drawings\2019\20192094-000\Water Mgmt\DEWATERING\DRAINAGE.dwg (Layout1) ljc Feb 05, 2021 - 11:05am

DRAINAGE		
SIZE	RCP/ERCP	PVC
24"	798	111
18"		194
15"	9	202
12"		642
10"		320
8"		12
6"		68
14"x23"	46	
19"X30"	67	
29"x45"	71	

LEGEND

- ROUTE OF DEWATERING EFFLUENT
- LENGTH OF DEWATERING 2,355 – LF (APPROX)

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

FLORIDA GULF COAST

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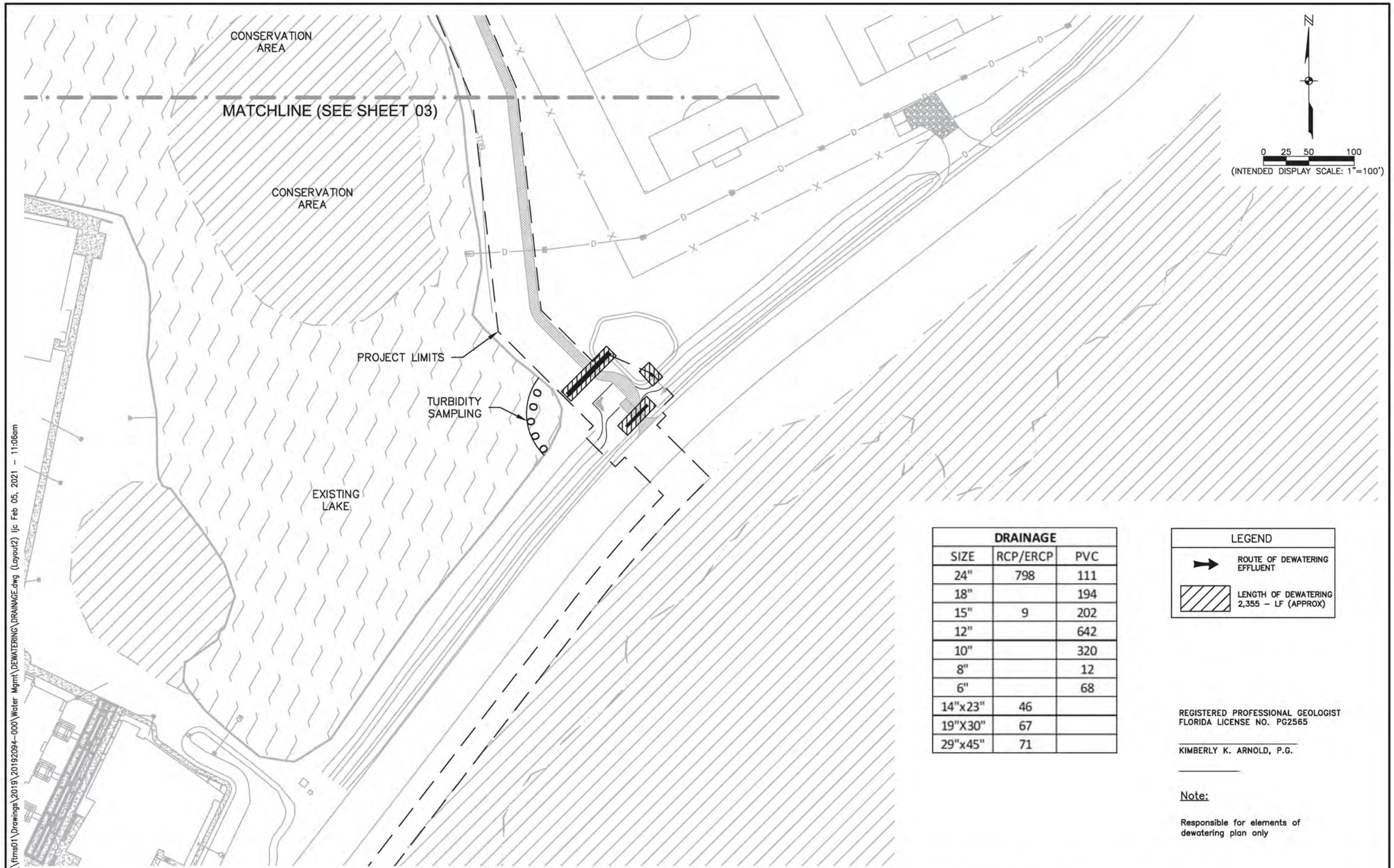
STORM DRAIN DEWATERING

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	03



\\ftmsd1\Drawings\2019\20192094-000\Water Mgmt\DEWATERING\DRAINAGE.dwg (Layout2) ljc Feb 05, 2021 - 11:06am

DRAINAGE		
SIZE	RCP/ERCP	PVC
24"	798	111
18"		194
15"	9	202
12"		642
10"		320
8"		12
6"		68
14"x23"	46	
19"X30"	67	
29"x45"	71	

LEGEND

ROUTE OF DEWATERING EFFLUENT

LENGTH OF DEWATERING 2,355 – LF (APPROX)

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

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FLORIDA GULF COAST

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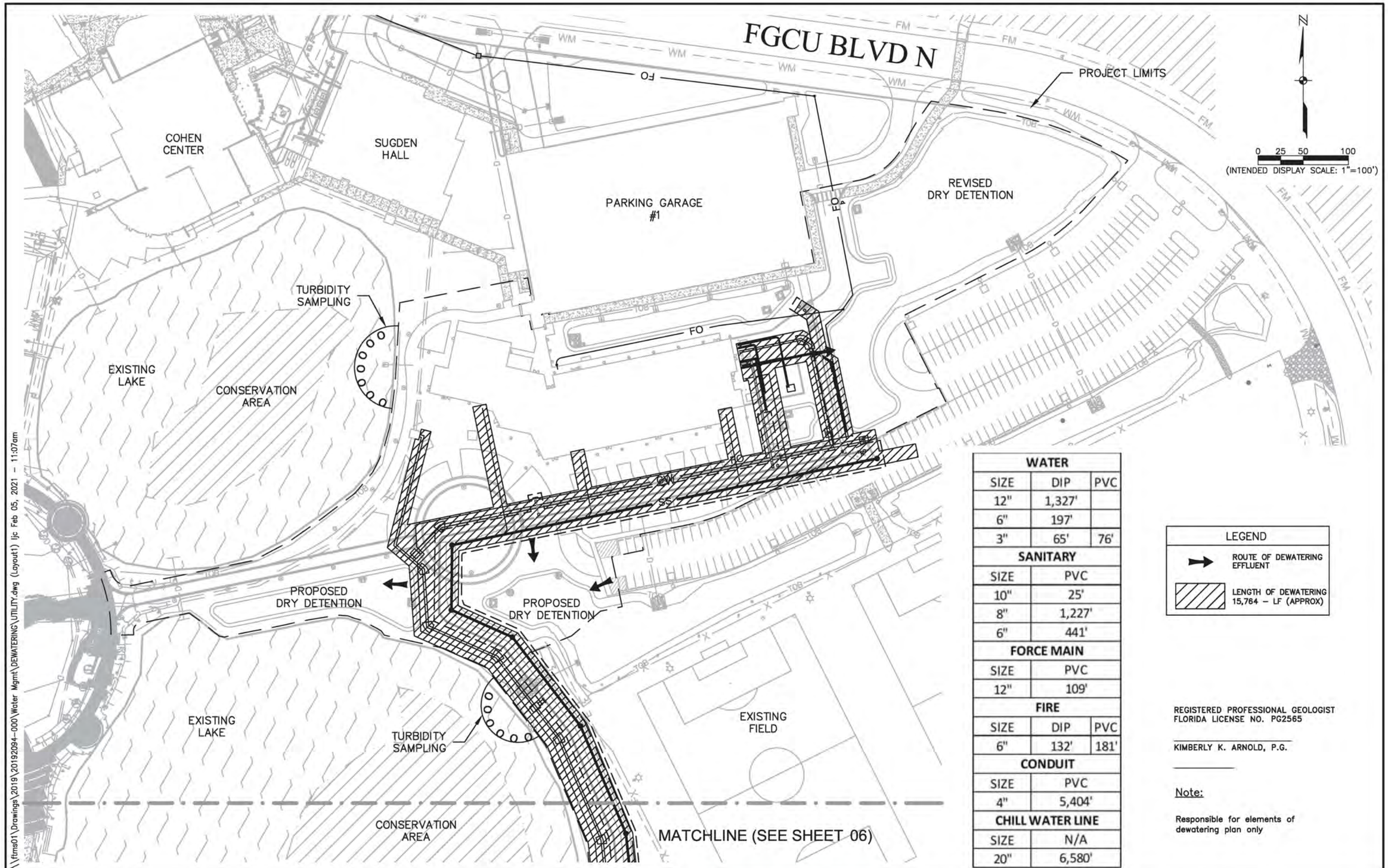
STORM DRAIN DEWATERING

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	04



WATER		
SIZE	DIP	PVC
12"	1,327'	
6"	197'	
3"	65'	76'
SANITARY		
SIZE	PVC	
10"	25'	
8"	1,227'	
6"	441'	
FORCE MAIN		
SIZE	PVC	
12"	109'	
FIRE		
SIZE	DIP	PVC
6"	132'	181'
CONDUIT		
SIZE	PVC	
4"	5,404'	
CHILL WATER LINE		
SIZE	N/A	
20"	6,580'	

LEGEND

ROUTE OF DEWATERING EFFLUENT

LENGTH OF DEWATERING 15,764 – LF (APPROX)

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

\\fms01\Drawings\2019\20192094-000\Water Mgmt\DEWATERING\UTILITY.dwg (Layout1) ljc Feb 05, 2021 - 11:07am

FLORIDA GULF COAST

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LEE COUNTY, FLORIDA

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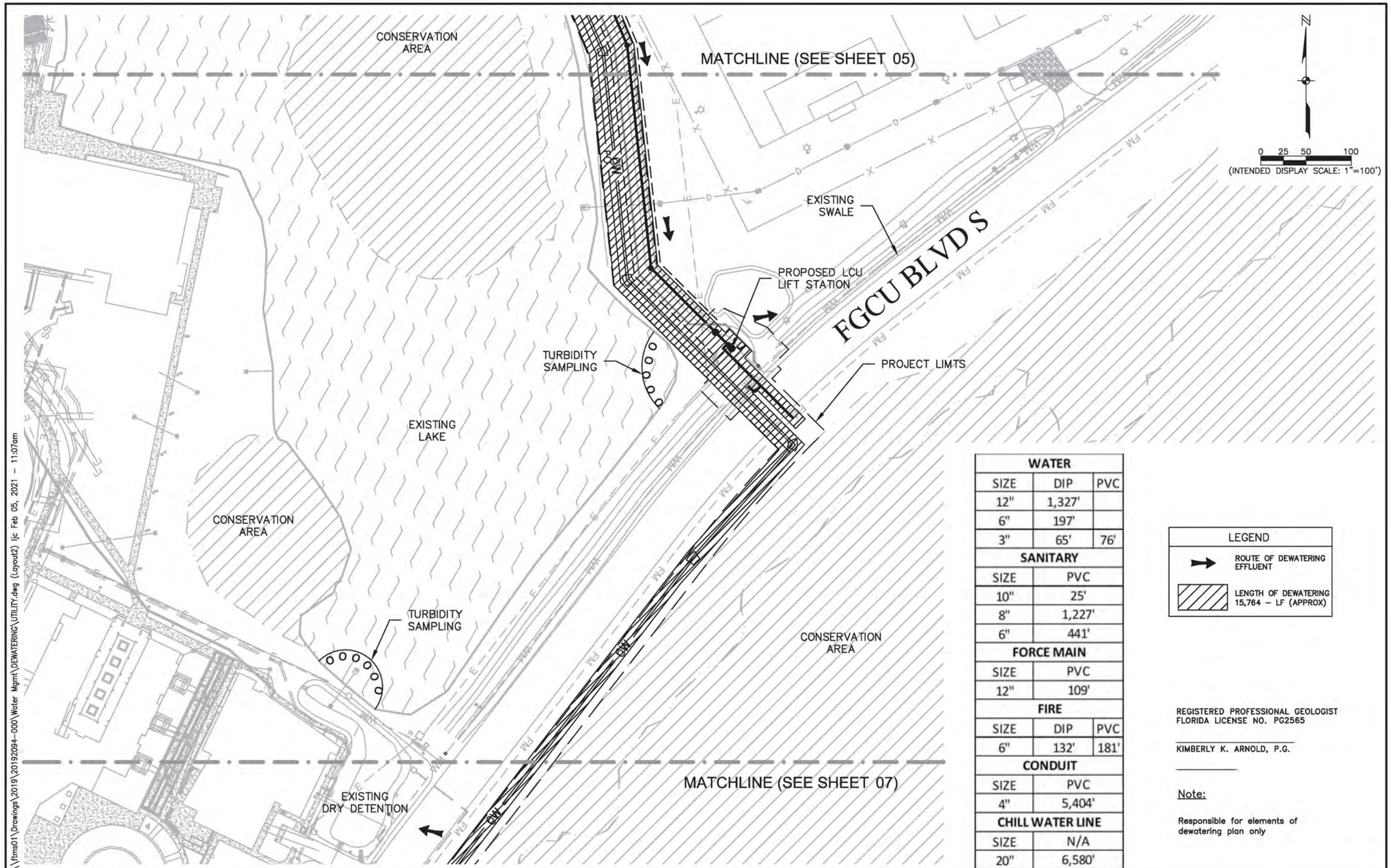
UTILITY DEWATERING

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	05



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WATER		
SIZE	DIP	PVC
12"	1,327'	
6"	197'	
3"	65'	76'
SANITARY		
SIZE	PVC	
10"	25'	
8"	1,227'	
6"	441'	
FORCE MAIN		
SIZE	PVC	
12"	109'	
FIRE		
SIZE	DIP	PVC
6"	132'	181'
CONDUIT		
SIZE	PVC	
4"	5,404'	
CHILL WATER LINE		
SIZE	N/A	
20"	6,580'	

LEGEND

ROUTE OF DEWATERING EFFLUENT

LENGTH OF DEWATERING 15,764 – LF (APPROX)

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

FLORIDA GULF COAST

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
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UTILITY DEWATERING

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	06

WATER		
SIZE	DIP	PVC
12"	1,327'	
6"	197'	
3"	65'	76'
SANITARY		
SIZE	PVC	
10"	25'	
8"	1,227'	
6"	441'	
FORCE MAIN		
SIZE	PVC	
12"	109'	
FIRE		
SIZE	DIP	PVC
6"	132'	181'
CONDUIT		
SIZE	PVC	
4"	5,404'	
CHILL WATER LINE		
SIZE	N/A	
20"	6,580'	

N

0 25 50 100
(INTENDED DISPLAY SCALE: 1"=100')

LEGEND	
	ROUTE OF DEWATERING EFFLUENT
	LENGTH OF DEWATERING 15,764 – LF (APPROX)

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

\\fms01\Drawings\2019\20192094-000\Water Mgmt\DEWATERING\UTILITY.dwg (Layout3) ljc Feb 05, 2021 - 11:08am

FLORIDA GULF COAST

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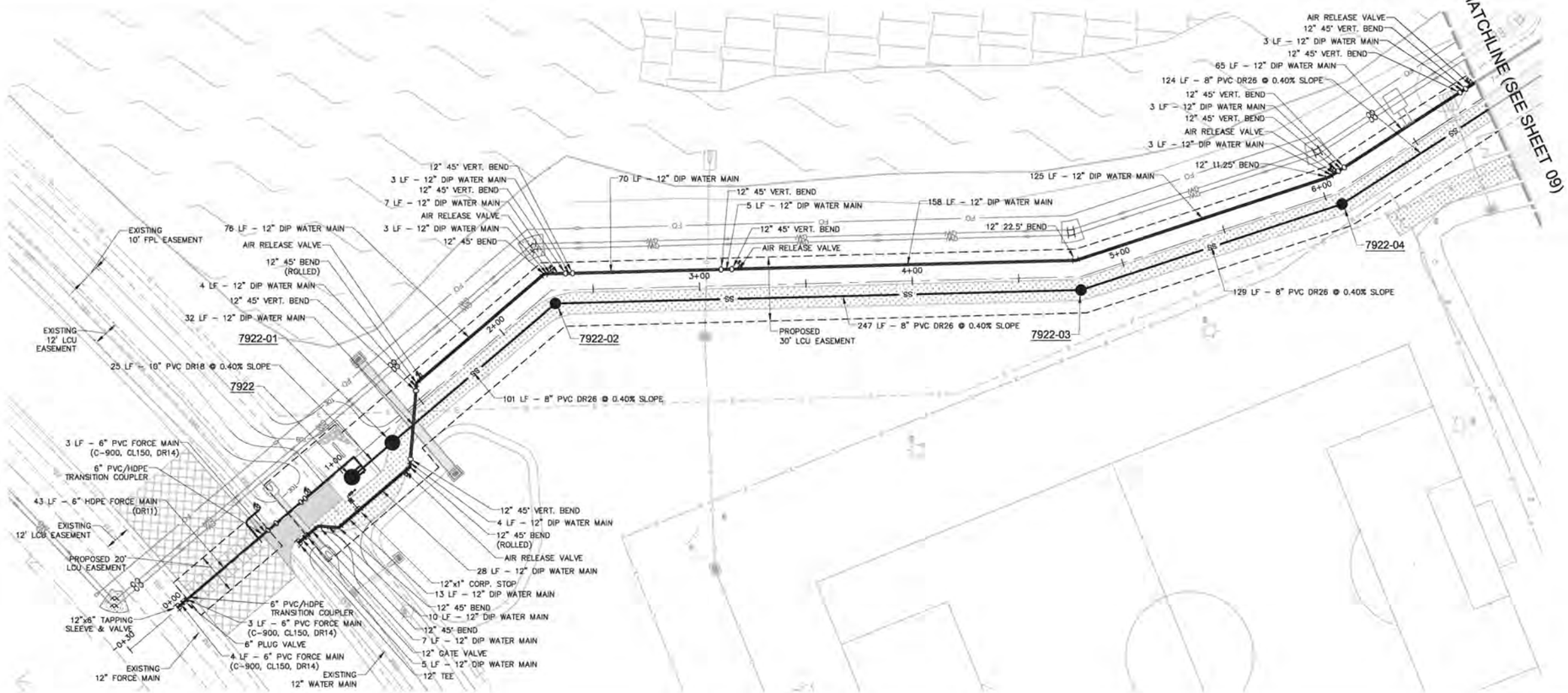
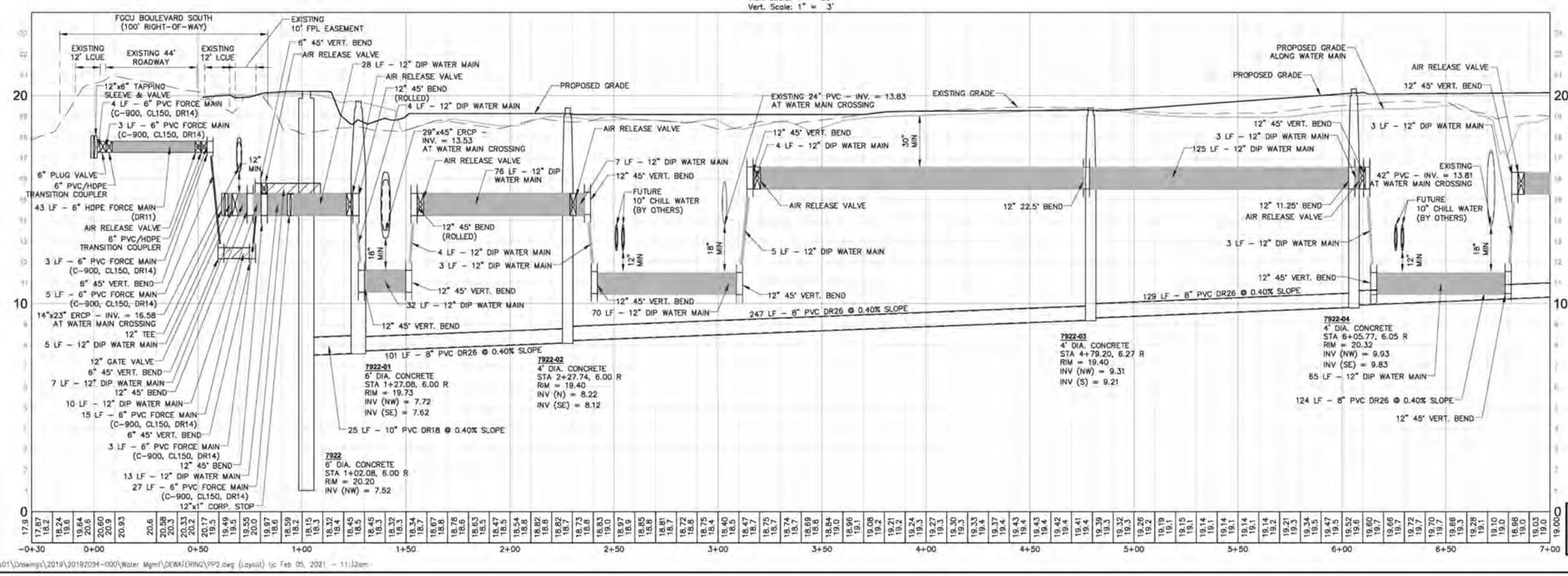
UTILITY DEWATERING

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	07



Profile View

Hor. Scale: 1" = 30'
Vert. Scale: 1" = 3'



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REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

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ELEVATIONS ARE REFERENCED TO NAVD 1988.
CONVERSION TO NGVD IS:
NAVD 1988 + 1.17 = NGVD 1929

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FLORIDA GULFCOAST UNIVERSITY

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
LEE COUNTY, FLORIDA

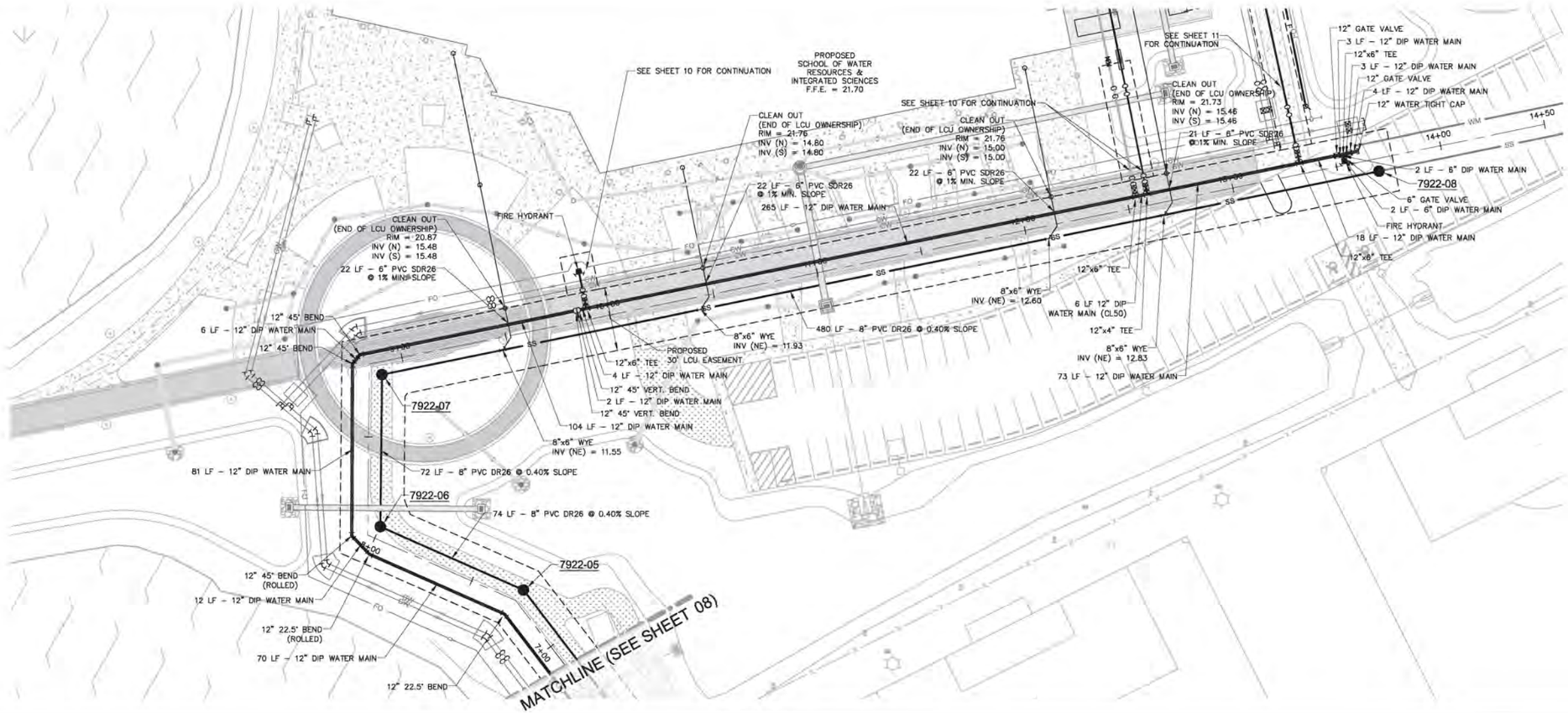
REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

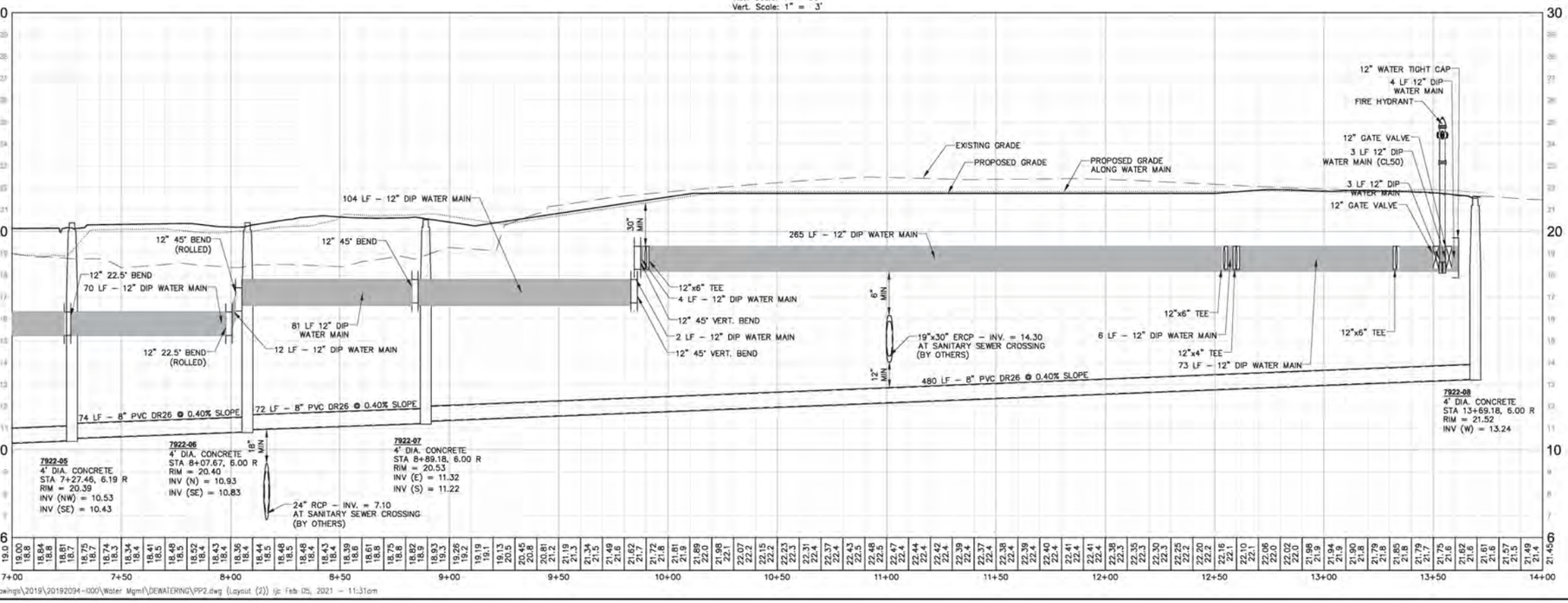
PLAN & PROFILE
LOOP ROAD
CONNECTION

SHEET NUMBER
08



Profile View

Hor. Scale: 1" = 30'
Vert. Scale: 1" = 3'



REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

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FLORIDA GULFCOAST UNIVERSITY

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
LEE COUNTY, FLORIDA

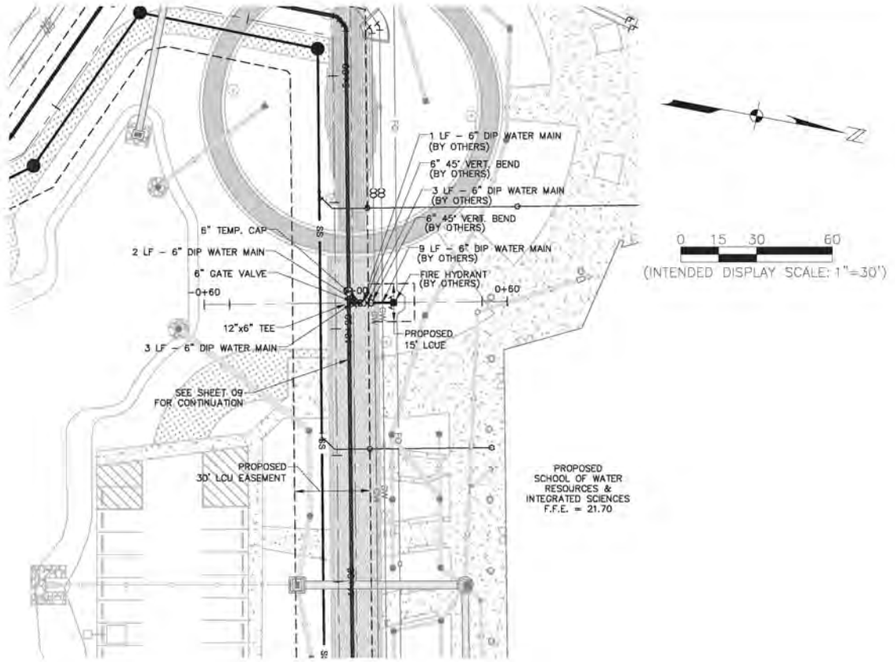
REVISIONS

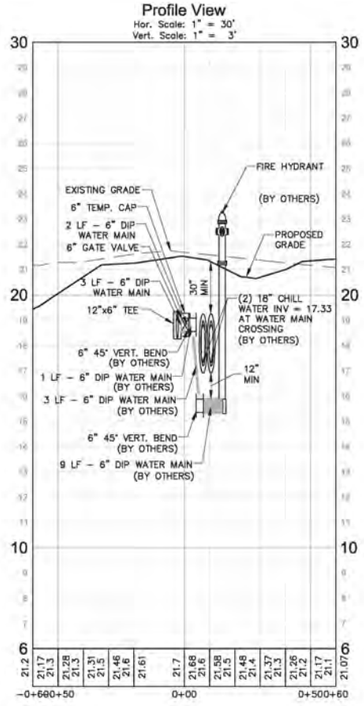
NO.	DESCRIPTION	DATE

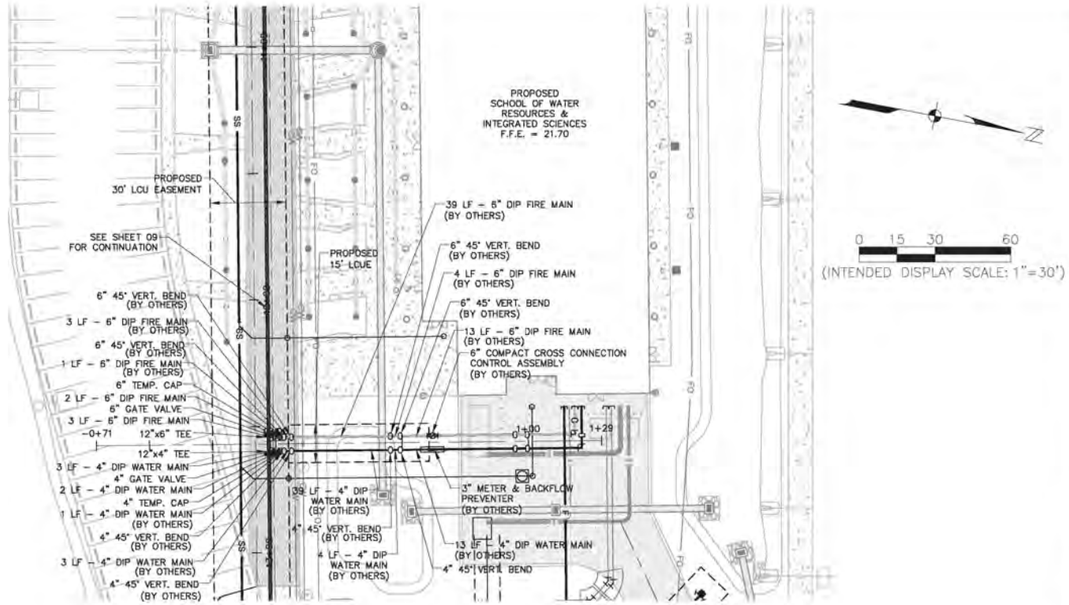
DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

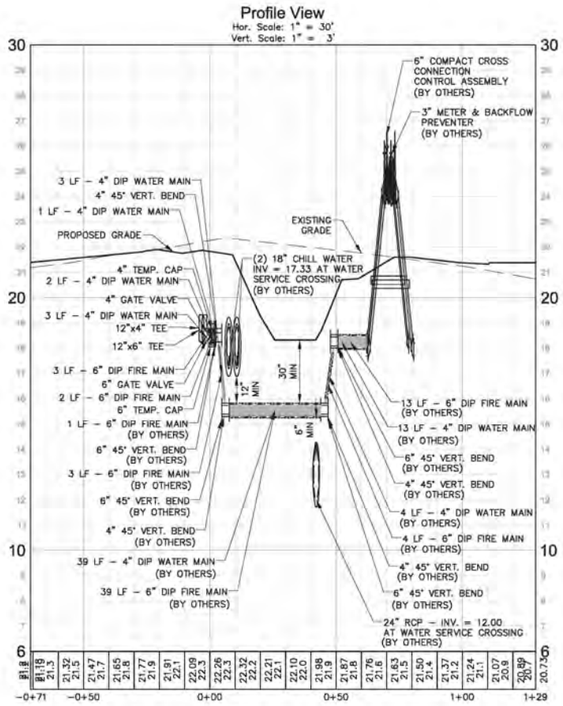
PLAN & PROFILE
LOOP ROAD CONNECTION

SHEET NUMBER
09









REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

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FLORIDA GULFCOAST UNIVERSITY

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
LEE COUNTY, FLORIDA

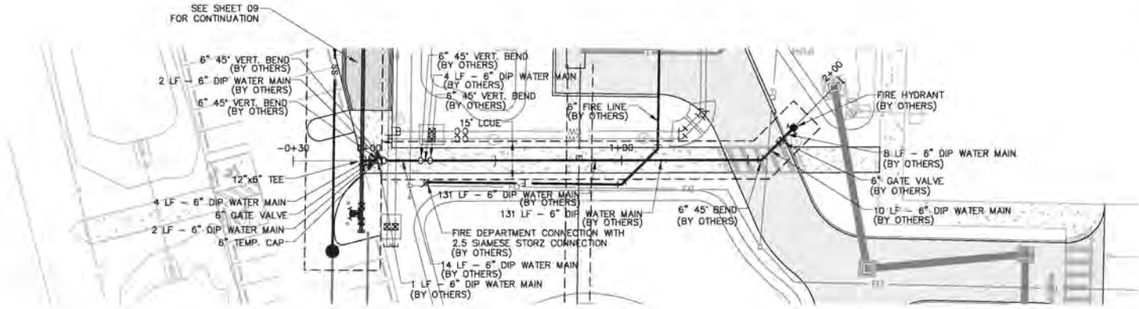
REVISIONS

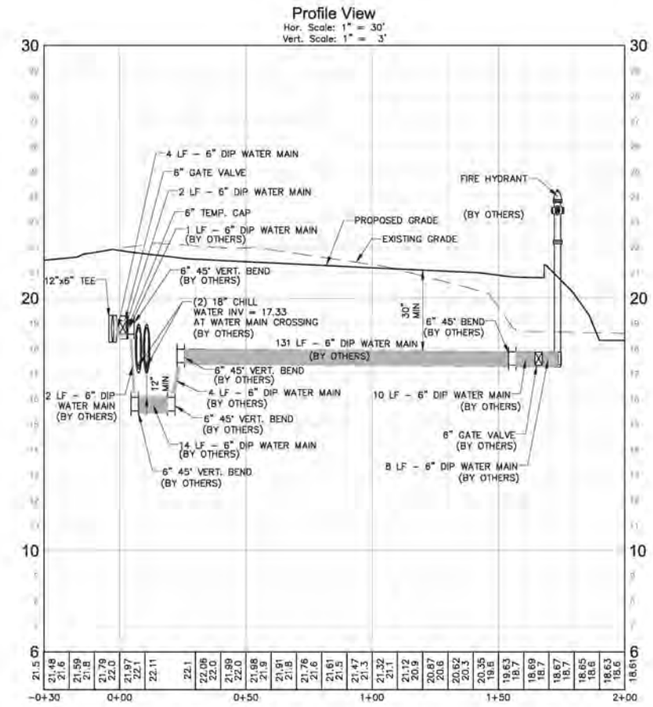
NO.	DESCRIPTION	DATE

DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

PLAN & PROFILE
LOOP ROAD
CONNECTION

SHEET NUMBER
10





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LEE COUNTY, FLORIDA

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FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

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CONVERSION TO NGVD IS:
NAVD 1988 + 1.17 = NGVD 1929

REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

PLAN & PROFILE
LOOP ROAD
CONNECTION

SHEET NUMBER
11

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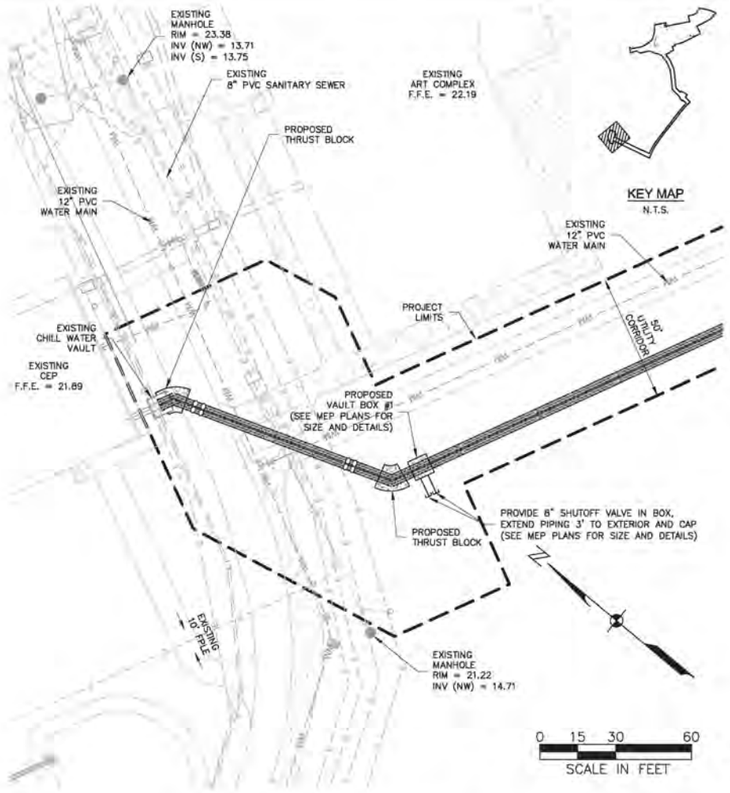
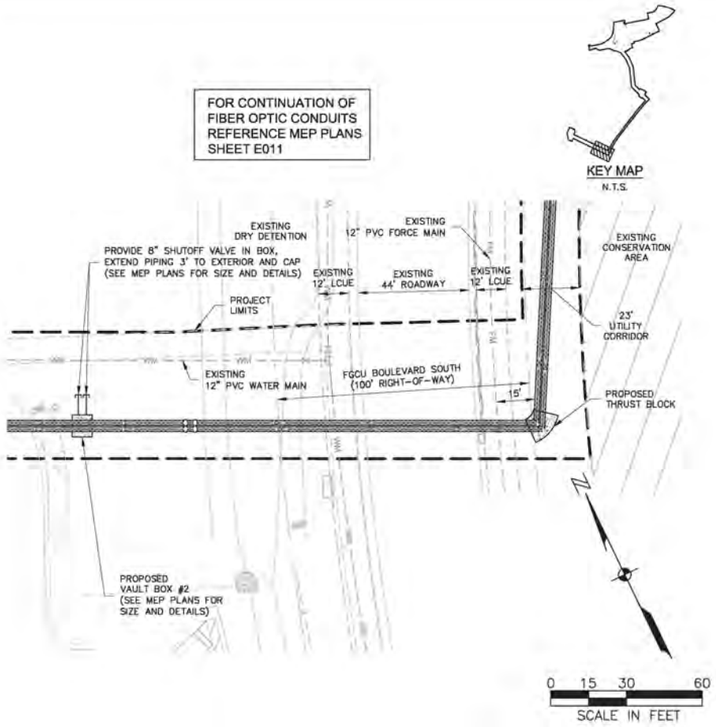
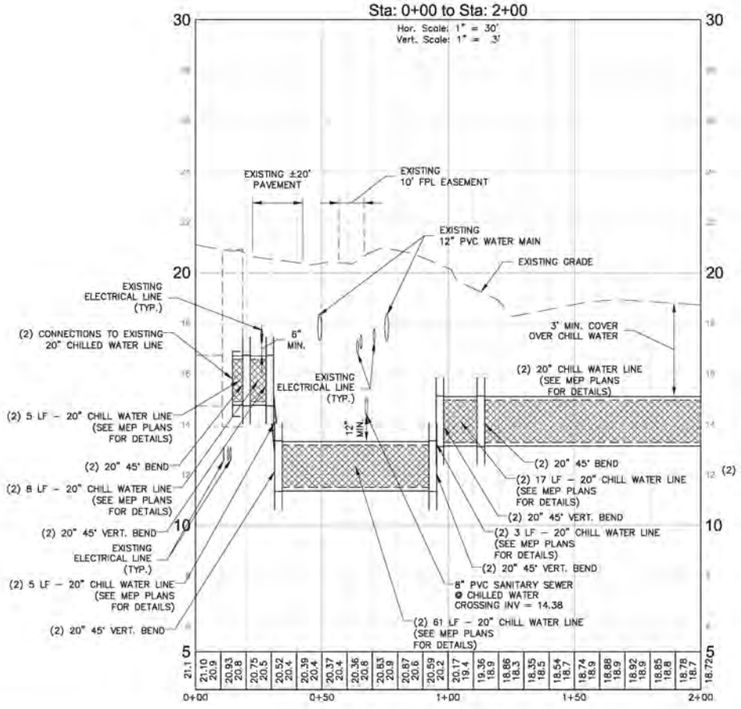
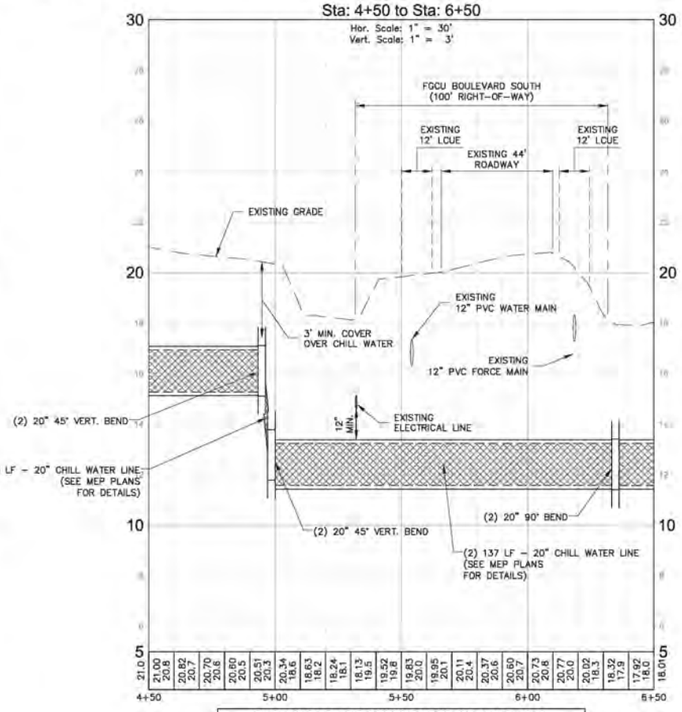




NOTE:

- CHILL WATER LINES ARE SHOWN FOR LOCATION ONLY. SEE MEP PLANS FOR DESIGN
- EXISTING UTILITIES SHOWN ARE APPROXIMATE AND BASED ON AVAILABLE INFORMATION. CONTRACTOR TO CONFIRM UTILITY ELEVATIONS PRIOR TO INSTALLATION
- SLEEVE ALL ROAD CROSSINGS PER MANUFACTURER'S REQUIREMENTS





ELEVATIONS ARE REFERENCED TO NAVD 1988.
CONVERSION TO NGVD IS: NAVD 1988 + 1.17 = NGVD 1929

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FLORIDA GULFCOAST UNIVERSITY

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
LEE COUNTY, FLORIDA

REGISTERED PROFESSIONAL GEOLOGIST
FLORIDA LICENSE NO. PG2565

KIMBERLY K. ARNOLD, P.G.

Note:

Responsible for elements of dewatering plan only

ELEVATIONS ARE REFERENCED TO NAVD 1988.
CONVERSION TO NGVD IS:
NAVD 1988 + 1.17 = NGVD 1929

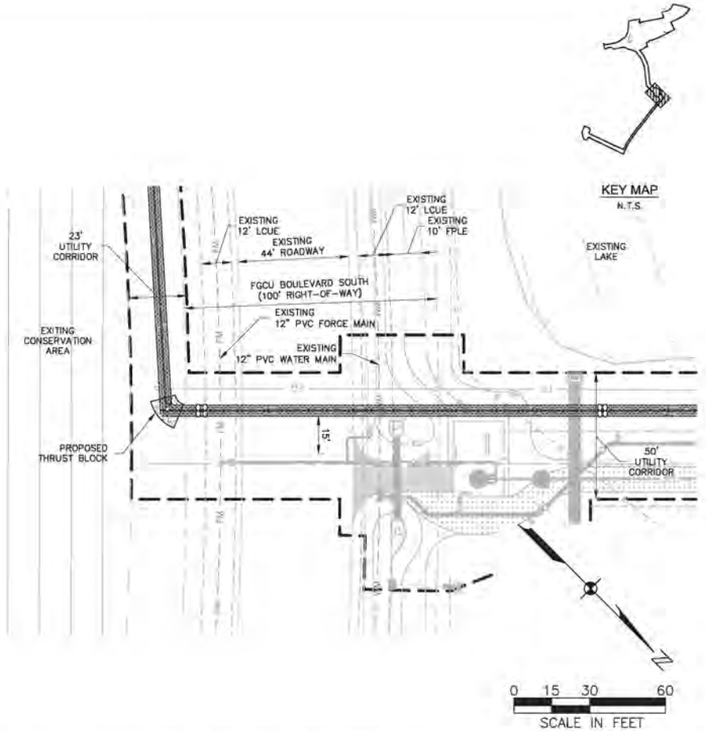
REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

PLAN & PROFILE
CHILL WATER

SHEET NUMBER
12



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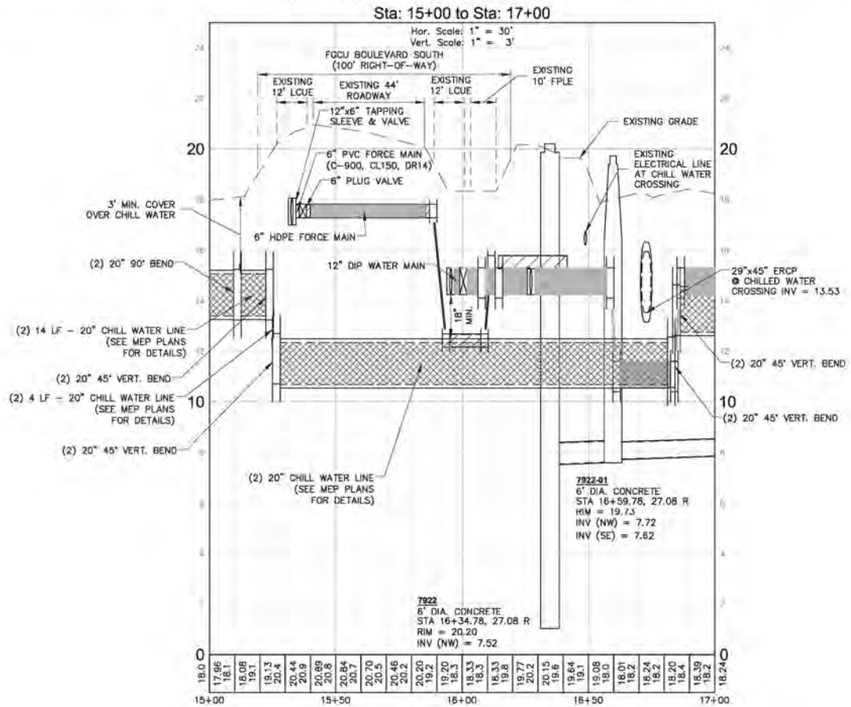

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PHONE: (239) 334-0046
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FLORIDA GULFCOAST UNIVERSITY

SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES
LEE COUNTY, FLORIDA

REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEB. 2021
PROJECT NO.	20192094-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

PLAN & PROFILE
CHILL WATER

SHEET NUMBER
13

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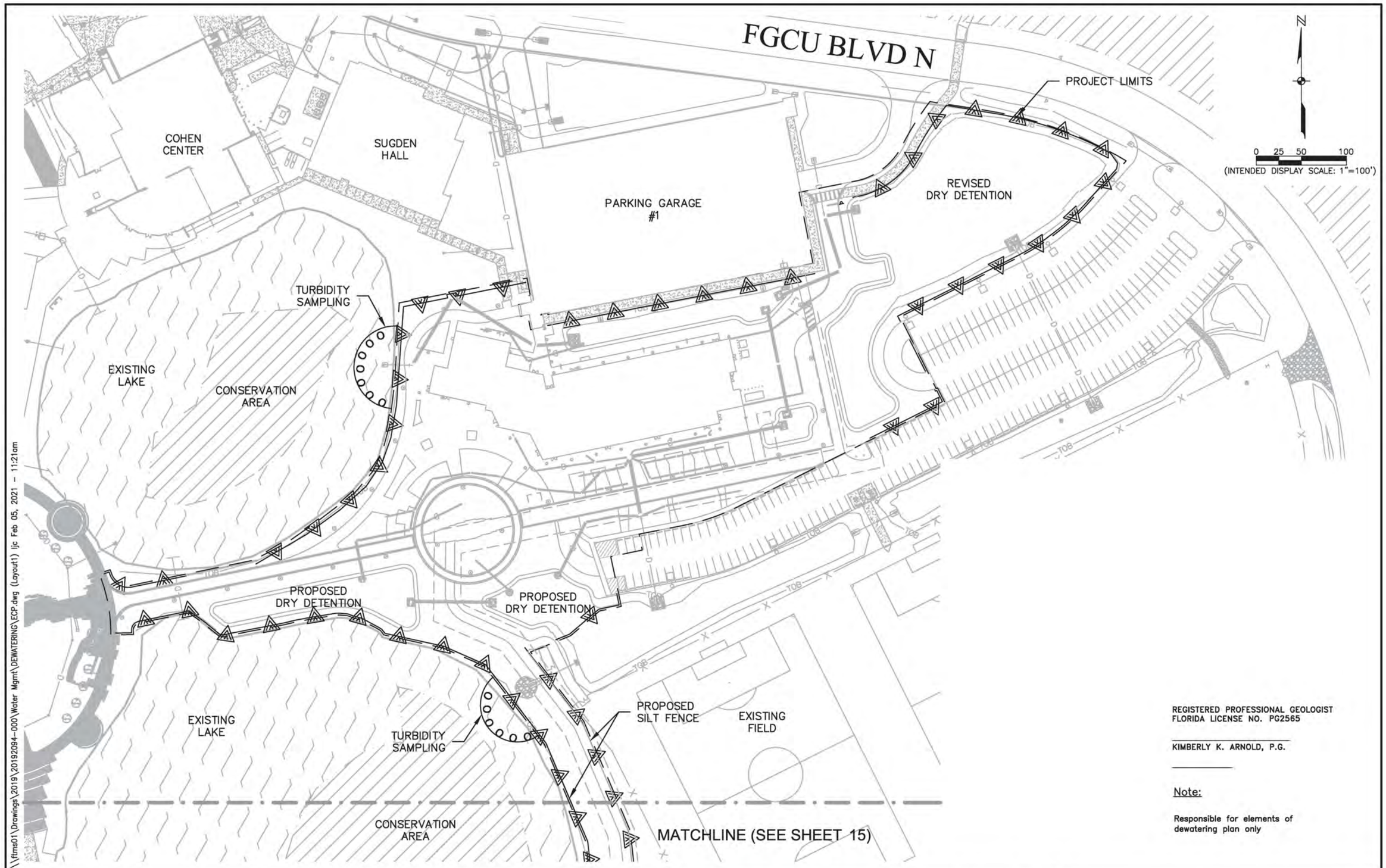

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KIMBERLY K. ARNOLD, P.G.

Note:

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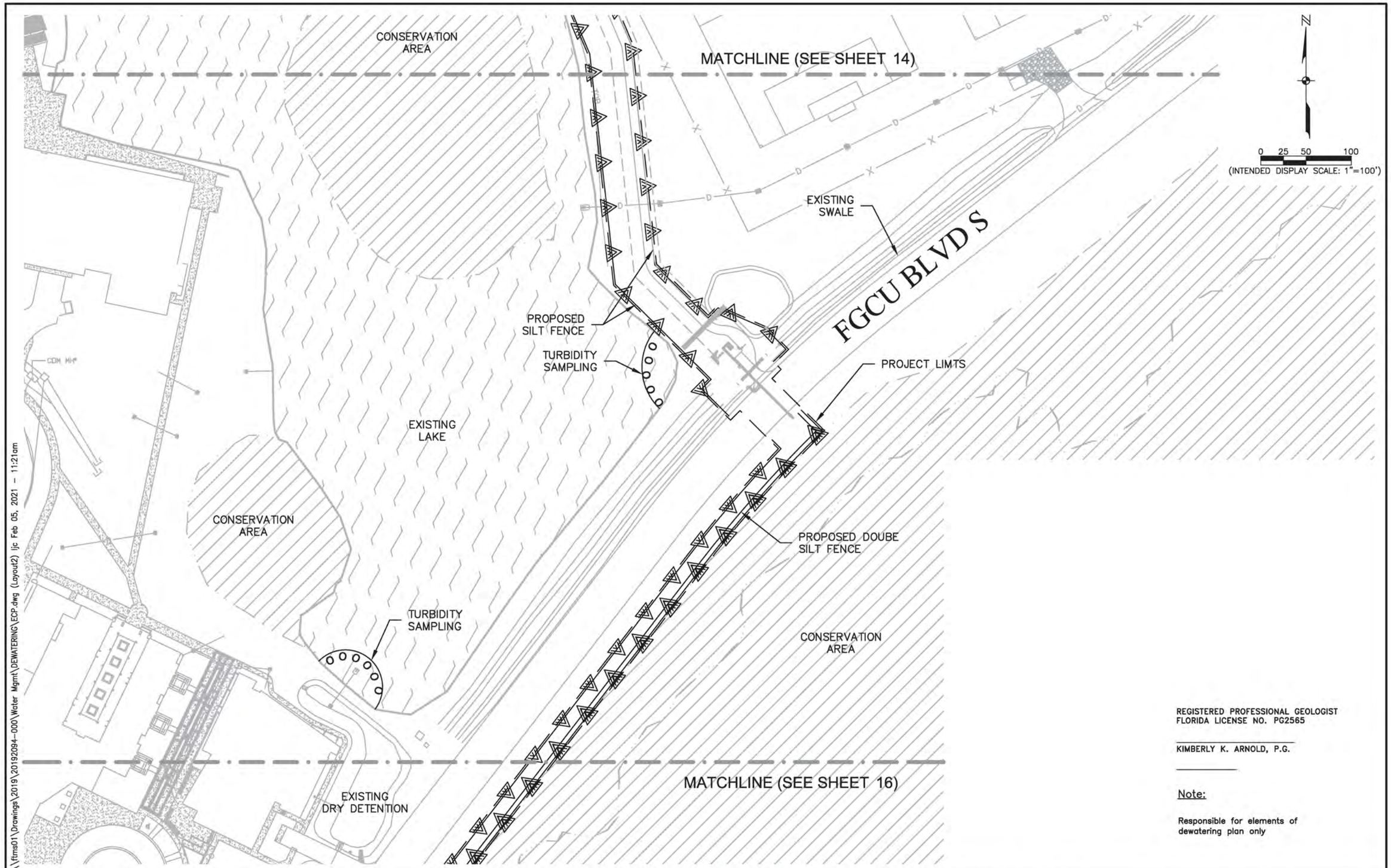
FLORIDA GULF COAST	SCHOOL OF WATER RESOURCES & INTEGRATED SCIENCES LEE COUNTY, FLORIDA	JOHNSON ENGINEERING	JOHNSON ENGINEERING, INC. 2122 JOHNSON STREET P.O. BOX 1550 FORT MYERS, FLORIDA 33902-1550 PHONE: (239) 334-0046 FAX: (239) 334-3661 E.B. #642 & L.B. #642	EROSION CONTROL PLAN

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	14



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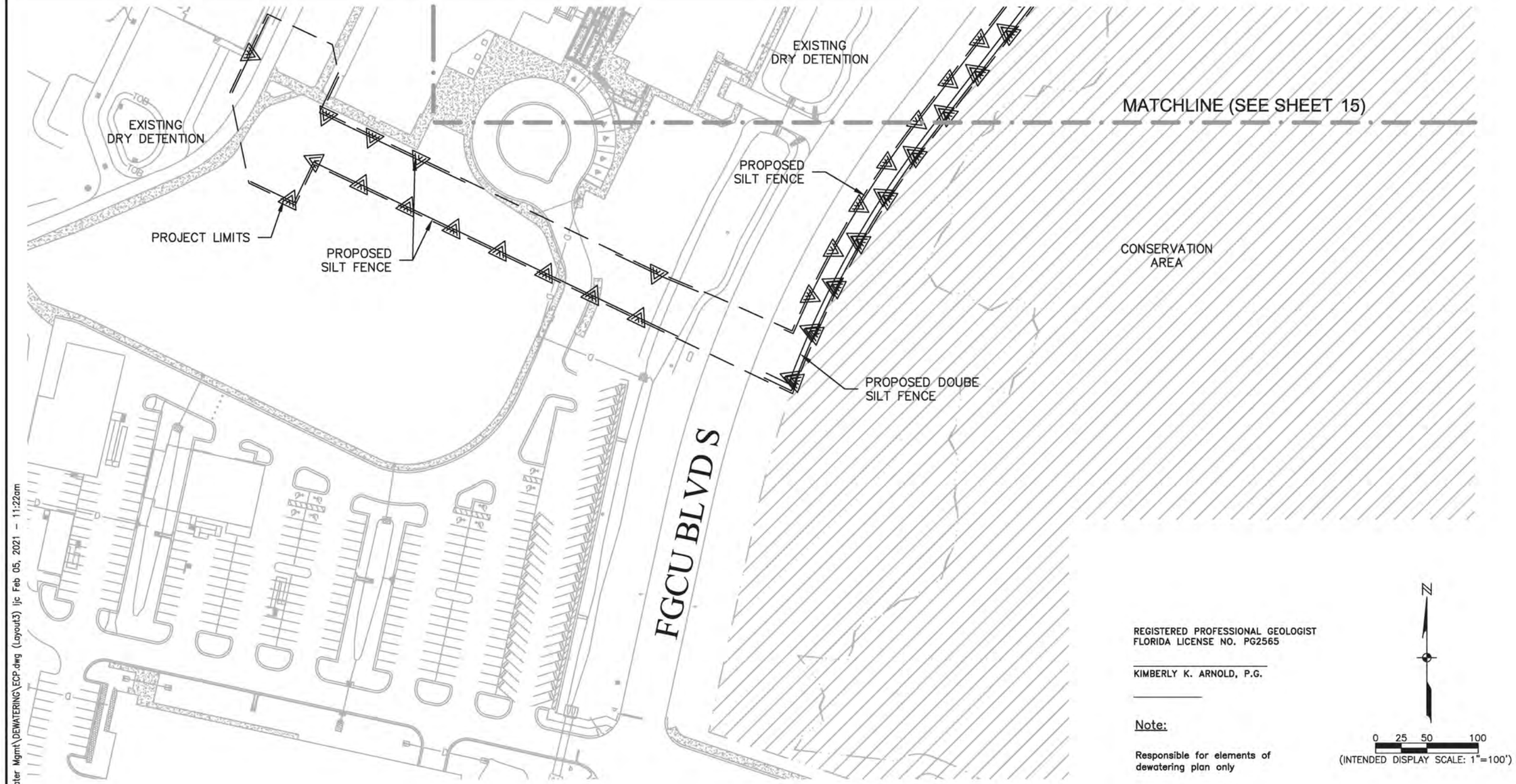
				DATE FEB. 2021	PROJECT NO. 20192094-000	FILE NO. 13-46-25
				SCALE 1" = 100'	SHEET 15	



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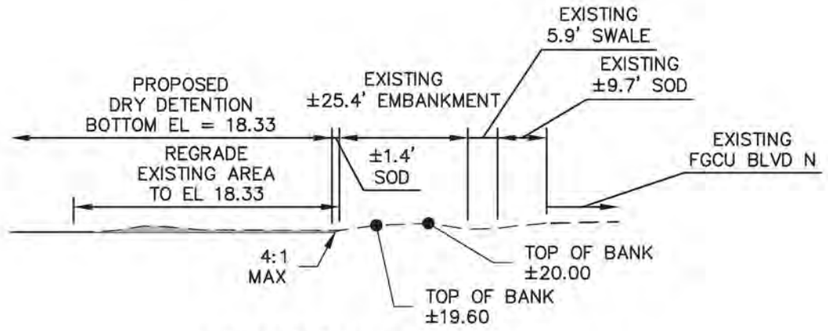
EROSION CONTROL PLAN

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	1" = 100'	16



SECTION A-A

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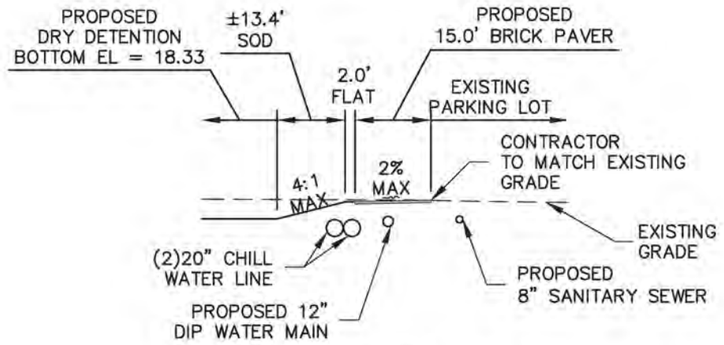
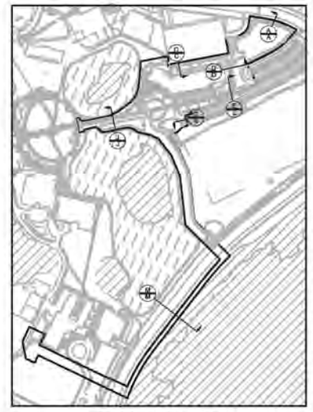


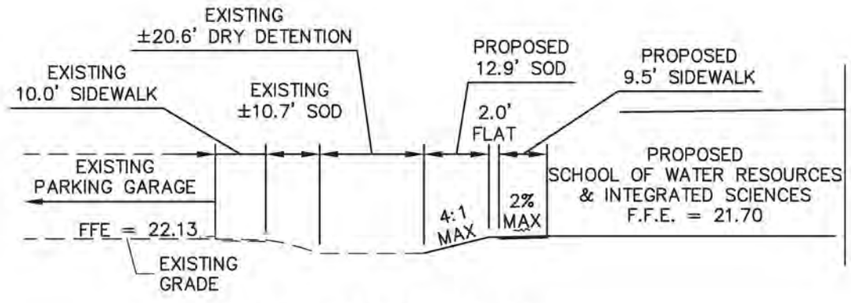
SECTION E-E

SCALE: 1" = 30'



KEY MAP

N.T.S.



SECTION C-C

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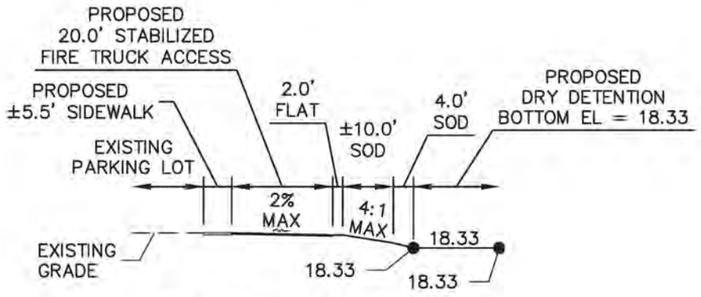

SECTION G-G

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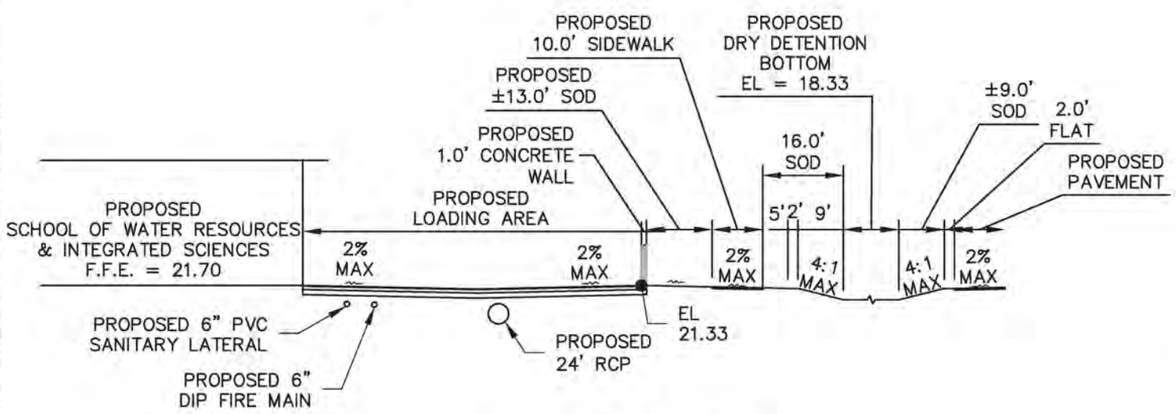
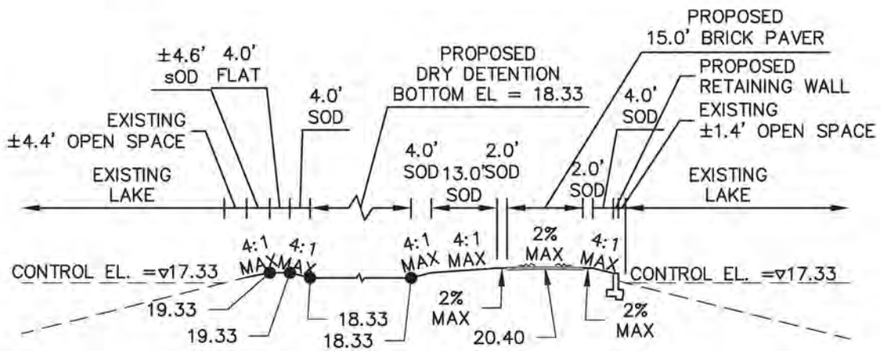


SECTION D-D

SCALE: 1" = 30'



SECTION J-J

SCALE: 1" = 30'

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				DATE FEB. 2021	PROJECT NO. 20192094-000	FILE NO. 13-46-25
				SCALE AS SHOWN	SHEET 17	

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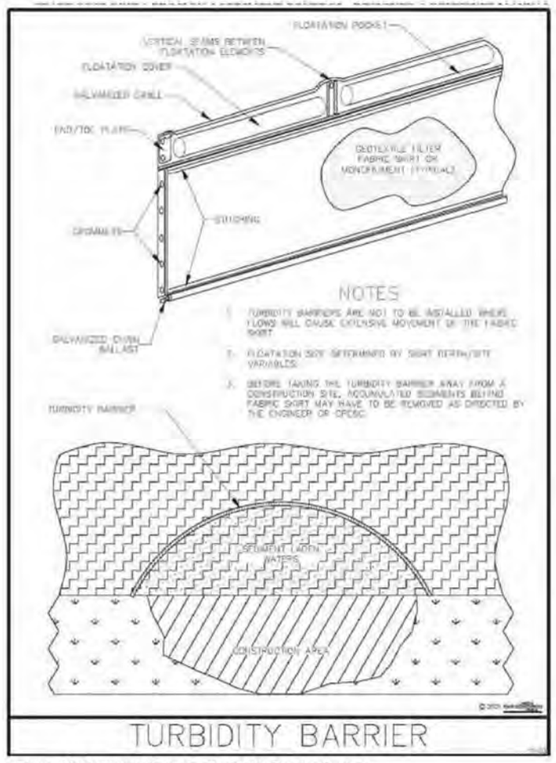

Figure V-44: Illustration of a Turbidity Barrier Curtain

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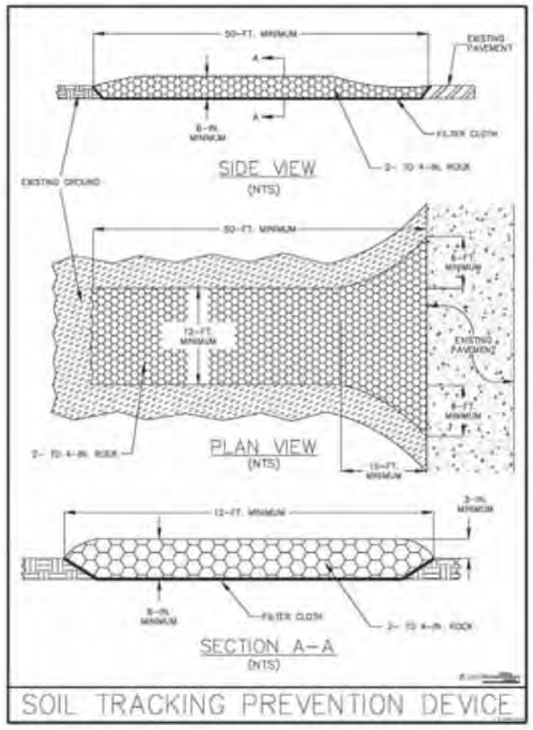

Figure V-19: Illustration of a Soil Tracking Prevention Device

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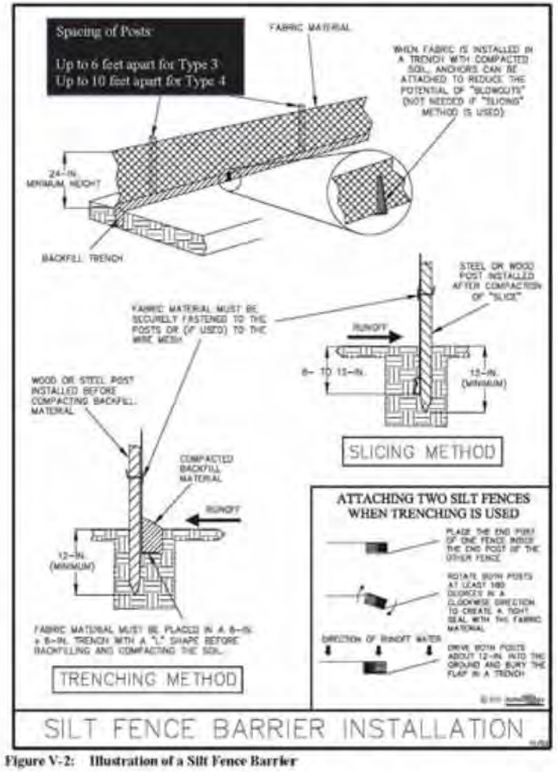

Figure V-2: Illustration of a Silt Fence Barrier

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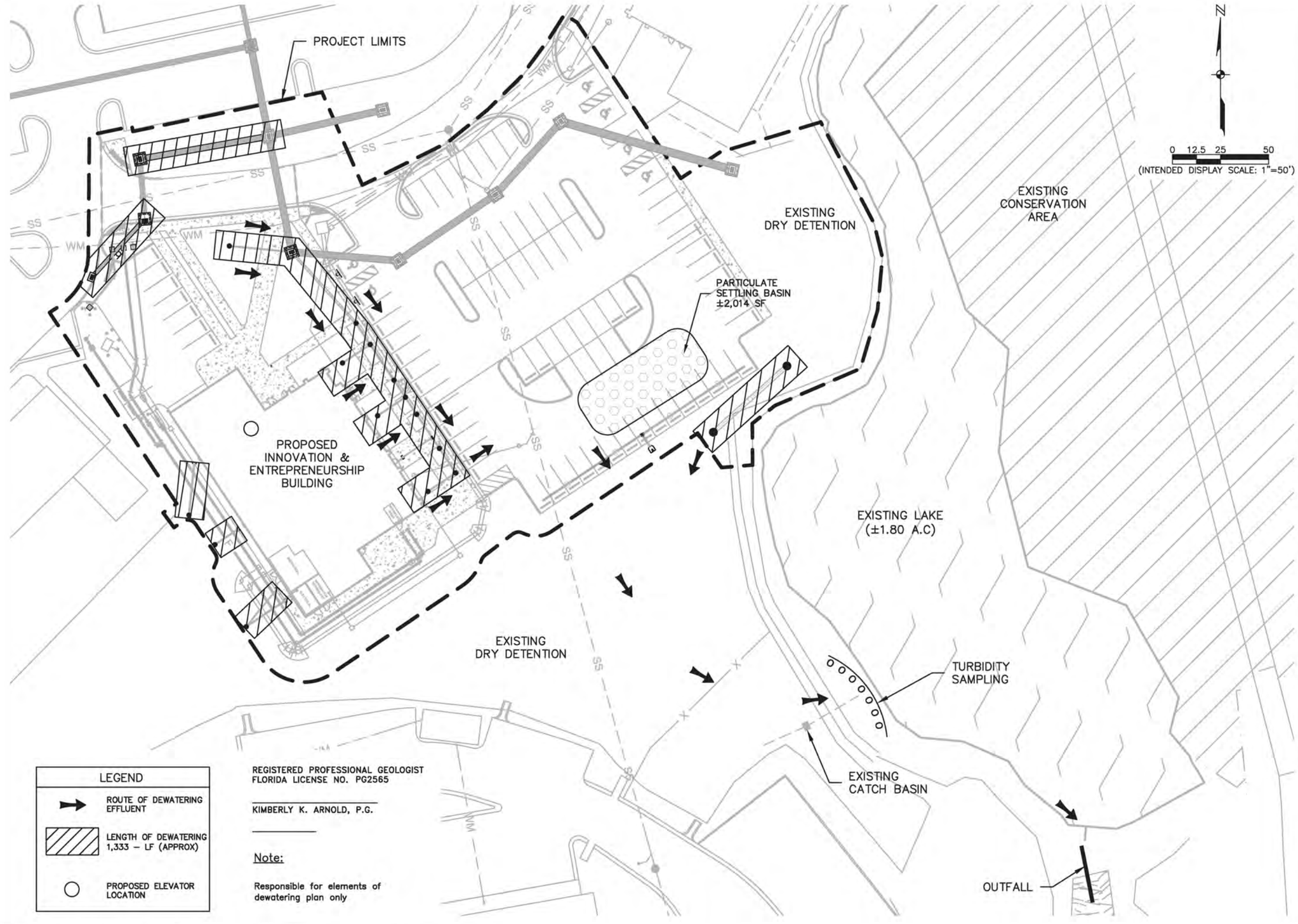
TYPICAL SECTIONS & DETAILS

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2021	20192094-000	13-46-25	AS SHOWN	18



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FLORIDA GULFCOAST UNIVERSITY

CENTER FOR ENTREPRENEURSHIP & INNOVATION
LEE COUNTY, FLORIDA

REVISIONS

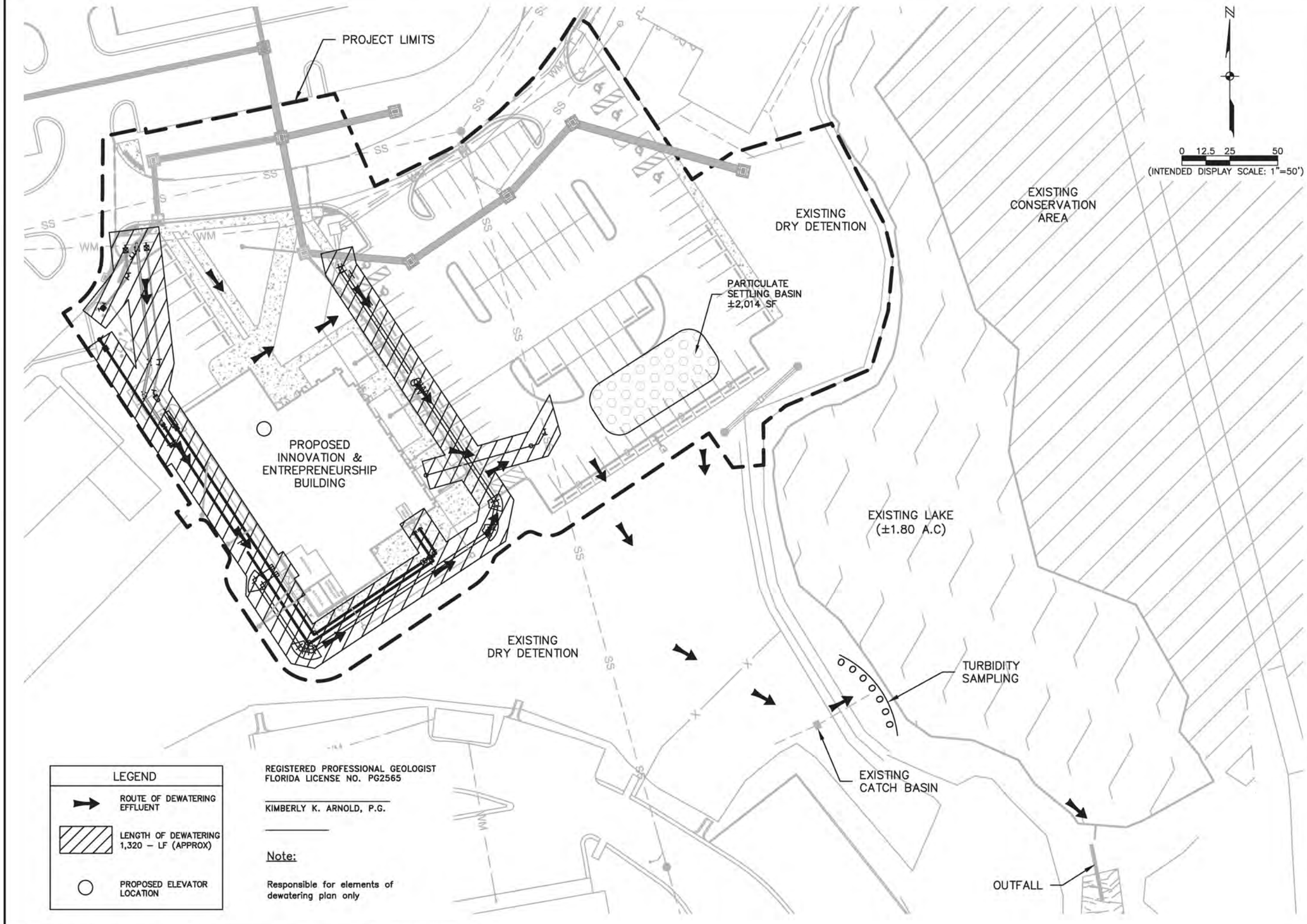
NO.	DESCRIPTION	DATE

DATE:	FEBRUARY 2021
PROJECT NO.	20203044-000
FILE NO.	13-46-25
SCALE:	1" = 50'

DRAINAGE DEWATERING

SHEET NUMBER

19



LEGEND

- ROUTE OF DEWATERING EFFLUENT
- LENGTH OF DEWATERING 1,320 – LF (APPROX)
- PROPOSED ELEVATOR LOCATION

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LEE COUNTY, FLORIDA

REVISIONS

NO.	DESCRIPTION	DATE

DATE:	FEBRUARY 2021
PROJECT NO.	20203044-000
FILE NO.	13-46-25
SCALE:	1" = 50'

UTILITY DEWATERING

SHEET NUMBER

20

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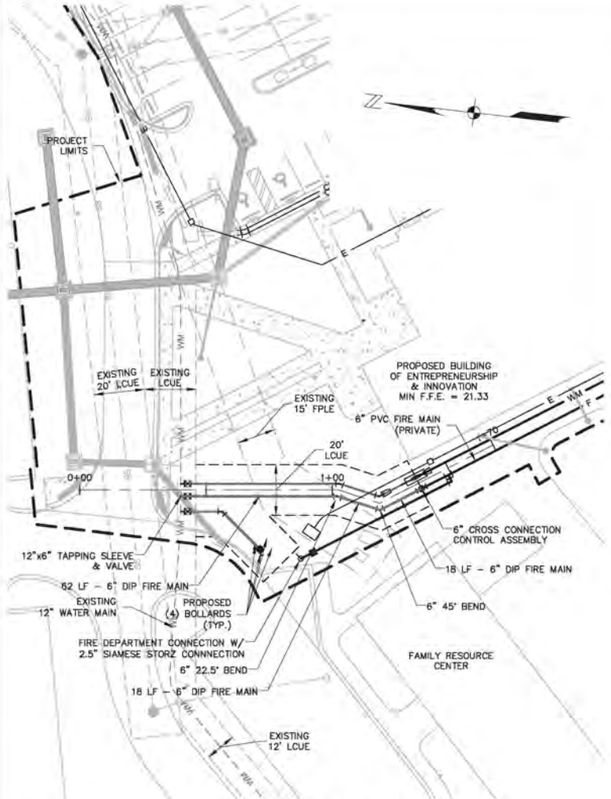
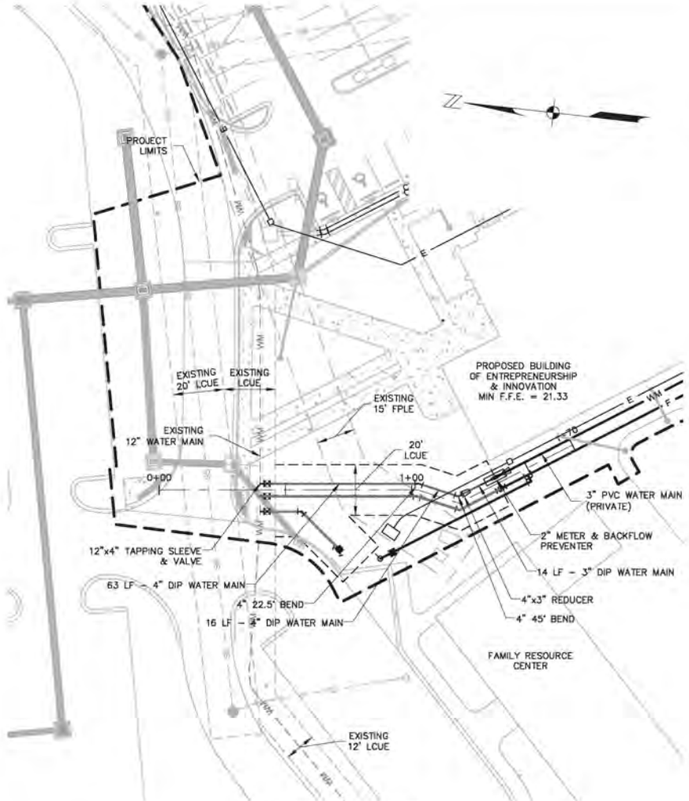
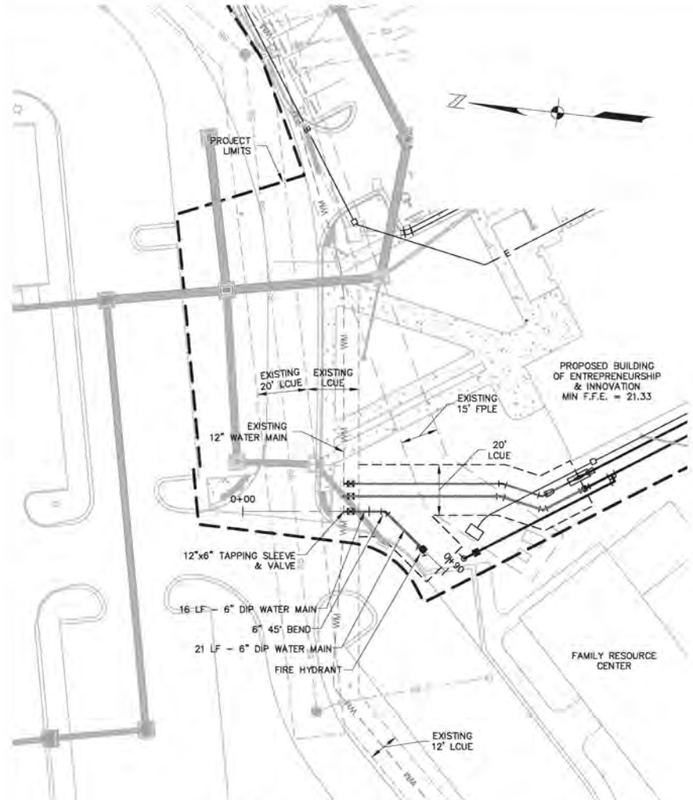


Profile View of Fire Protection



Profile View of Potable Water



Profile View of Fire Hydrant

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ELEVATIONS ARE REFERENCED TO NAVD 1988.
CONVERSION TO NGVD IS:
NAVD 1988 + 1.17 = NGVD 1929

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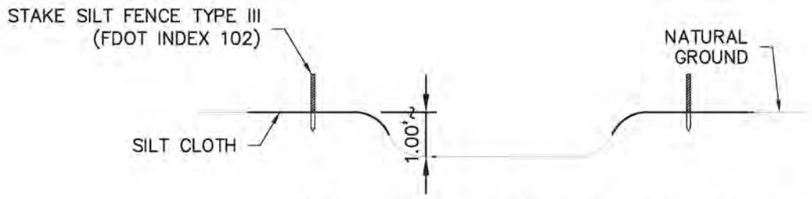
DATE:	FEBRUARY 2021
PROJECT NO.	20203044-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

PLAN & PROFILE

SHEET NUMBER
21

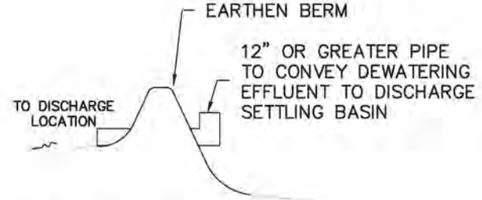


SILT FENCE PARTICULATE SETTLING BASIN

CROSS SECTION A-A

N.T.S.

NOTE:
ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION CONTROL AND SEDIMENT CONTROL MANUAL PRIOR TO BEGINNING OF WORK.



SIDE OF SETTLING BASIN

CLOSEST TO DISCHARGE LOCATION

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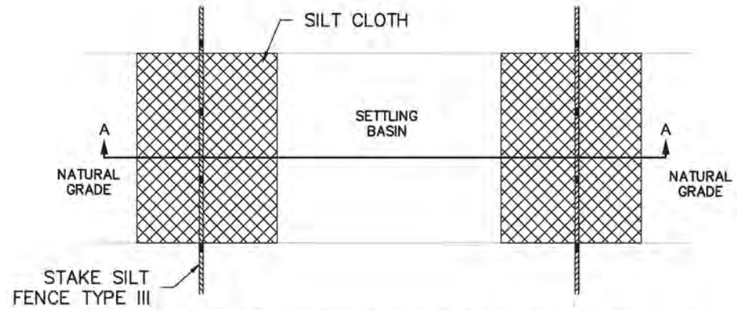
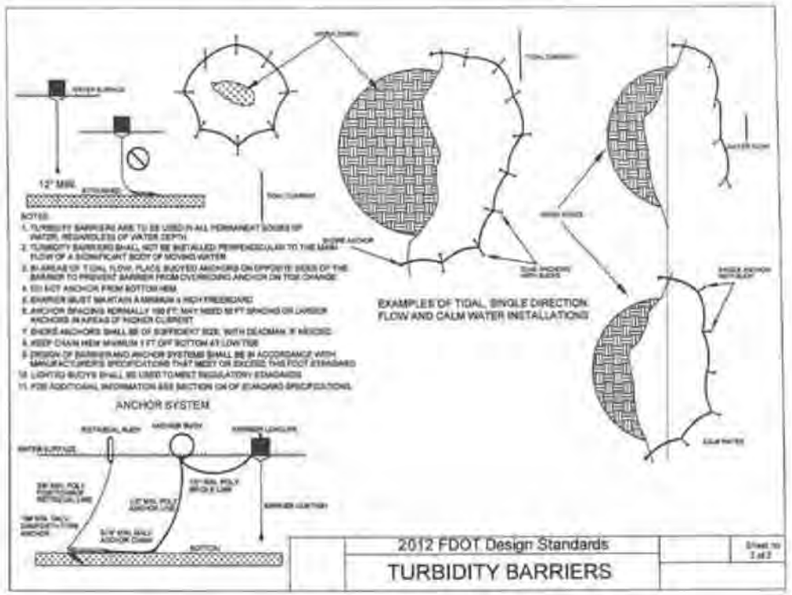


STALK SILT FENCE PARTICULATE SETTLING BASIN

PLAN VIEW

N.T.S.

Figure V-10: Illustration of Installing a Floating Turbidity Barrier



STATE OF FLORIDA EASC/DESIGNER & REVIEWER MANUAL; LATEST EDITION; JULY 2012

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REVISIONS		
NO.	DESCRIPTION	DATE

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PROJECT NO.	20203044-000
FILE NO.	13-46-25
SCALE:	AS SHOWN

DEWATERING DETAILS

SHEET NUMBER
22

Item D2-1-L

Perkins&Will

FLORIDA GULF COAST UNIVERSITY

FGCU Campus Master Plan Update 2020-2030

Informal Public Hearing →

February 24, 2020

Perkins&Will

FLORIDA GULF COAST UNIVERSITY

FGCU Campus Master Plan Update 2020-2030

Informal Public Hearing
Cohen Center - Room 201

February 24, 2020 | 12:30 - 1:30pm

Perkins&Will

FGCU Master Plan Update 2020-2030

Campus Listening Sessions Summary Board

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

Observations

Perkins and Will conducted a series of listening sessions with students, faculty, and staff at FGCU in order to learn what types of issues and concerns are currently most important to the campus community. Eight topic-driven listening sessions were conducted on September 17 and 18, 2019. On October 7, 2019, Perkins and Will conducted a ninth listening session arranged at a time and location most convenient for students.

1 **Campus Design** 21

2 **Regional Context** 9

3 **Transportation** 17

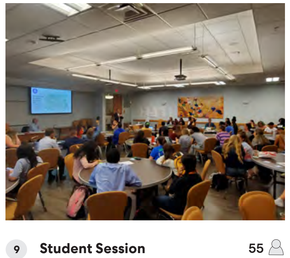
4 **Environment and Energy** 8

5 **Academic Facilities** 17

6 **Support Facilities** 26

7 **Recreation and Athletics Facilities** 12

8 **Housing** 10



9 **Student Session** 55

Using Space Efficiently

1. Conservation areas intrinsic to campus identity
2. Little room remaining for growth or expansion without impacting someone or something
3. Use existing developed/disturbed lands more efficiently
   - Repurpose/upgrade obsolete spaces
   - Build taller/denser
   - Better connections to satellite districts or off-campus sites
4. More space needed for students, especially informal, unprogrammed spaces of all types
   - Maker spaces (e.g., student-run recording studio)
   - Outdoor classrooms
   - Collaboration areas (e.g. student organizations and events)
   - Sitting/lounging areas
   - Affordable/accessible goods and services (e.g., healthy foods, mental health svcs)
5. Accessibility and inclusivity
   - Marginalized student populations need more welcoming/usable/safe spaces
6. Recreation fields are critical

Movement as a Quality Experience

1. Safety/security/comfort
   - Lighting and emergency alarms
   - Pedestrian and bike crossings at major intersections
   - Multimodal accommodations along main transportation corridors (e.g., loop road)
   - Shaded paths (natural and constructed) and covered walkways
2. Better wayfinding everywhere (indoor and outdoor)
3. Enhanced shuttle and transit service
   - More frequent service during more hours of the day and times of the year
4. Being prepared for future transportation changes
   - Electric vehicles
   - Ride share services (i.e., drop off and pick-up locations)
   - Increased usage of alternative modes (i.e., bikes, skateboards, scooters, etc.)
   - Automated vehicles
5. Parking management systems versus more parking

Leveraging/Preserving the Campus's Natural Assets

1. Celebrate and protect the conservation areas by clearly delineating where they are located
2. Increase use of alternative energy
   - Solar panels on covered walkways, rooftops, parking garage roofs, etc.
   - Campus bio-digestor
   - Campus compost
3. Create more spaces and opportunities for students to engage directly with the campus's natural environment
   - Outdoor classrooms
   - Community gardens
4. More efficient building designs and features (e.g., better window insulation)
5. Enhanced recycling program
   - Better locating of containers/bins
   - Improved recycling instructions

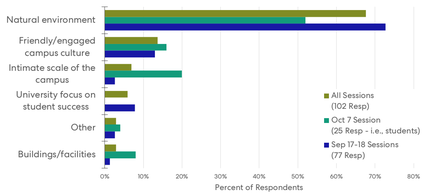
Connections to the Community

1. Students accessing goods and services
   - More transportation connections
2. Few student opportunities in the region
   - Social opportunities while in school
   - Work opportunities after graduation
3. Bring more people on campus (e.g., arts district, athletics, conferences, life-long learning)
   - Parking/transit is a barrier
   - Camps design is a psychological barrier (perceived as "gated")
   - Poor signage
4. Cultivating relationships with growing alumni base
   - On-campus hotel/lodging/conference center

Survey

In addition to the group discussions, each listening session attendee was asked to fill out a 3-question survey about which campus feature they want to stay the same, change, or have added to the campus. Approximately 100 surveys were gathered and analyzed.

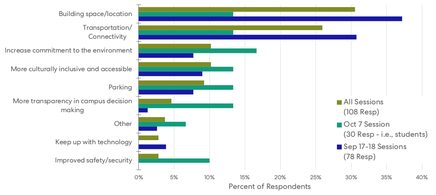
QUESTION #1:
Over the next 10 years, what is the one thing on campus you hope will stay the SAME?



RESPONSES

1. **Natural environment - 69**
   - Nature in general (39)
   - University commitment to the environment (24)
   - Boardwalks (3)
   - Outdoor areas for students (3)
2. **Friendly/engaged campus culture - 14**
   - Student involvement (3)
   - Inclusion of students, staff, and faculty in campus decision making (1)
   - Helpful faculty (1)
3. **Intimate scale of the campus - 7**
   - Enrollment size (3)
   - Class size (2)
   - Close proximity of buildings
   - makes it easy to get around (1)
   - Geographic size of campus (1)
4. **University focus on student success - 6**
   - Do not eliminate services(1)
5. **Buildings/facilities - 3**
   - Cohen Center (1)
   - Library (1)
   - SoVi housing (1)
6. **Other - 3**
   - Keep scooter prohibition (1)
   - Nothing should stay the same (1)
   - Clean campus (1)

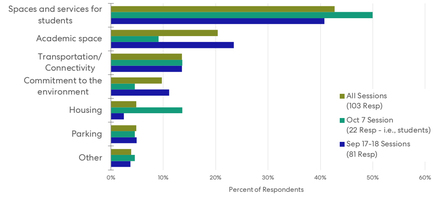
QUESTION #2:
Over the next 10 years, what is the one thing on campus you hope will CHANGE?



RESPONSES

1. **Building space/location - 33**
   - Improve/increase student centered spaces (12)
   - More efficient use of space (10)
   - Better locate student resources (5)
   - Increase amount of flexible spaces for events and conferences (3)
   - Eliminate modular buildings (2)
   - Increase office space (1)
2. **Transportation/Connectivity - 28**
   - Increase walkability and alternative transportation options (5)
   - Add bike/public transportation access to library (5)
   - Improve accessibility to and from the broader community (4)
   - Improve accessibility to campus buildings and facilities (3)
   - Improve connections from NLV, WLV, and SoVi to campus core (3)
   - Improve bike/ped safety and comfortable experience (3)
3. **More culturally inclusive campus - 11**
4. **Increased commitment to the environment - 11**
   - Add more environmentally friendly/efficient features (5)
5. **Parking - 10**
   - Less expensive parking passes (1)
   - Fix parking issues for athletic events (1)
   - Trucks in the parking garages (1)
6. **Transparency in decision making – 5**
   - Allow freshman to apply for more jobs (1)
7. **Improve safety/security – 3**
   - Safety at night (2)
8. **Keep up with technology - 3**
9. **Other - 4**
   - Reduce tuition (1)
   - More mixing of architectural styles (1)
   - Improve campus decision making (1)
   - Improve maintenance of housing (1)

QUESTION #3:
Over the next 10 years, what is the one thing you hope will be ADDED to the campus?



RESPONSES

1. **Spaces and services for students - 44**
   - Student union (19)
   - Recreational fields (10)
   - Healthy/affordable food options (8)
   - Additional student health services (4)
   - General services (e.g., bank, food options, etc.) (3)
   - Studio for Eagle radio and general student use (1)
2. **Academic space - 21**
   - Flexible meeting spaces (8)
   - Office space (3)
   - Outdoor classrooms (3)
   - Expanded library/museum (3)
   - More efficient use of space (3)
   - Research space (1)
3. **Transportation/Connectivity - 14**
   - Improved walkability between districts (4)
   - Public transportation (2)
   - Covered walkways linking buildings (2)
   - Wayfinding signage (2)
   - Bike lanes (1)
4. **Commitment to the environment - 10**
   - More alternative energy options/sources (8)
   - More shade (1)
   - Loop road without curbs (1)
5. **Parking - 5**
   - Off-campus parking with shuttles to and from campus (2)
   - Covered bike parking (1)
6. **Housing - 5**
   - Greek housing (2)
   - Adequate wi-fi in housing (1)
7. **Other - 4**
   - Internationalization woven into campus fabric - 1
   - More staff (1)
   - Union rights for all staff (1)
   - Partner facilities/Hub (1)

Perkins&Will

FGCU Master Plan Update 2020-2030

Master Plan Background and Schedule

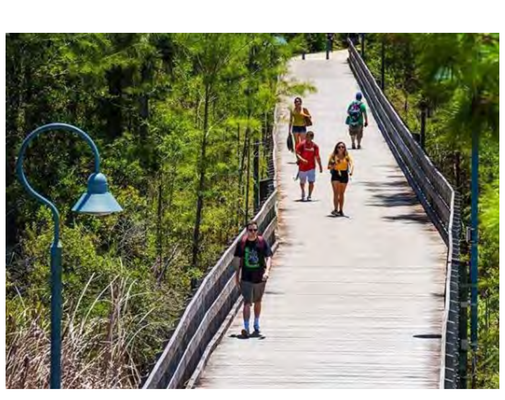
FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

What is the Master Plan

The campus master plan is the physical embodiment of FGCU's strategic plan (Focus 2017-2022). It addresses a variety elements that influence the physical form and function of the campus, such as the following:

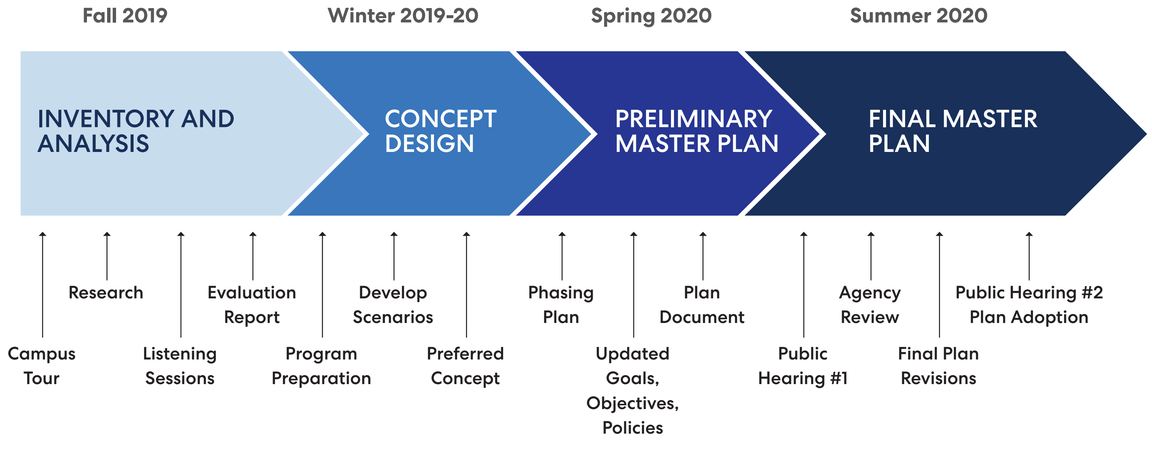
- Urban design framework
- Land use patterns
- Identify need for new buildings and their optimal location
- Transportation improvements
- Infrastructure improvements (utilities, stormwater, communications, etc.)
- Conservation
- Prioritization of recommendations



Why we are doing this work

- Florida's State University System (SUS) requires campus master plans to be updated every five years
- Regular updates ensure that FGCU can react to unforeseen changes that have occurred since the last master plan
- When this update is completed it will cover 2020-2030

Project Timeline



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FGCU Master Plan Update 2020-2030

Using Space Efficiently

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

DENSIFY HOUSING [LONG-TERM]

OUTREACH DISTRICT 3

OUTREACH DISTRICT 2

OUTREACH DISTRICT 1

FOOD FOREST
Utility Building
Market
Outdoor Classroom

FUTURE BUILDING A

RECREATION OUTDOOR COURTS
[ROC] ATHLETIC FACILITIES
Improve Function

REPURPOSED FORMER STUDENT UNION

PROPOSED PARKING DECK

PROPOSED STUDENT UNION

FUTURE ACADEMIC BUILDINGS

INTRAMURAL FIELDS

LIBRARY ADDITION

MUSIC BUILDING EXPANSION

PERFORMING ARTS CENTER

UNIVERSITY RECREATION & WELLNESS CENTER
PHASE 2

BUILDING LEGEND

- Existing Buildings
- Buildings since last Master Plan 2010
- 1-2-Stories Building for Future Density
- Proposed Buildings 2020-2025 [5-YR]
- Proposed Buildings Long Term

LANDSCAPE LEGEND

- Conservation Areas - Wetland
- Conservation Areas - Upland
- Water Bodies
- Detention Areas

N

300 600 1200 FT

Perkins&Will

FGCU Master Plan Update 2020-2030

Movement as a Quality Experience

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

INTELLIGENT PARKING

Install automated digital parking management system

MULTI-MODAL HUB

- Bike Stop
- Link to County Transit
- FGCu Shuttle Stop
- Visitor Dropoff

RE-DESIGNED RING ROAD

- Shuttle Lanes
- Multi-use Trail
- Traffic Calming

SHADED / PROTECTED WALKWAYS

- Existing Boardwalks
- Existing Sidewalks

BRIDGE TO SoVi

- Improve pedestrian experience
- Improve safety at intersections

SoVi

- Improve pedestrian links to core/boardwalk
- Complete sidewalks within district
- Add shade at pedestrian walkways

Existing Boardwalks
Proposed Boardwalks
Existing Sidewalks
Proposed Sidewalks
Shaded | Protected Walkways

BUILDING LEGEND

Existing Buildings
Buildings since last Master Plan 2010
1-2-Stories Building for Future Density
Proposed Buildings 2020-2025 [5-YR]
Proposed Buildings Long Term

LANDSCAPE LEGEND

Conservation Areas - Wetland
Conservation Areas - Upland
Water Bodies
Detention Areas

N

300 600 1200 FT

Perkins&Will

FGCU Master Plan Update 2020-2030

Leveraging / Preserving the Campus's Natural Assets

FLORIDA GULF COAST UNIVERSITY

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LANDSCAPE LEGEND

- Palmetto
- Melaleuca
- Cypress
- Freshwater Marsh
- Like Oak
- Wet Prairie
- Pine Flatwood
- Water Bodies
- Detention Areas

BUILDING LEGEND

- Existing Buildings
- Buildings since last Master Plan 2010
- 1-2-Stories Building for Future Density
- Proposed Buildings 2020-2025 [5-YR]
- Proposed Buildings Long Term
- Proposed Solar Fields on Parking Garages

N

300 600 1200 FT

NOTE

This graphic does not represent an official survey. Mapping is highly outdated and no longer accurate in many instances.

Perkins&Will

FGCU Master Plan Update 2020-2030

Connections to the Community

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

OUTREACH DISTRICT 3

OUTREACH DISTRICT 2

OUTREACH DISTRICT 1

FOOD FOREST

Utility Building
Market
Outdoor Classroom

BUILDING LEGEND

- Existing Buildings
- Buildings since last Master Plan 2010
- 1-2-Stories Building for Future Density
- Proposed Buildings 2020-2025 [5-YR]
- Proposed Buildings Long Term

LANDSCAPE LEGEND

- Conservation Areas - Wetland
- Conservation Areas - Upland
- Water Bodies
- Detention Areas

N

300 600 1200 FT

Perkins&Will

FGCU Master Plan Update 2020-2030

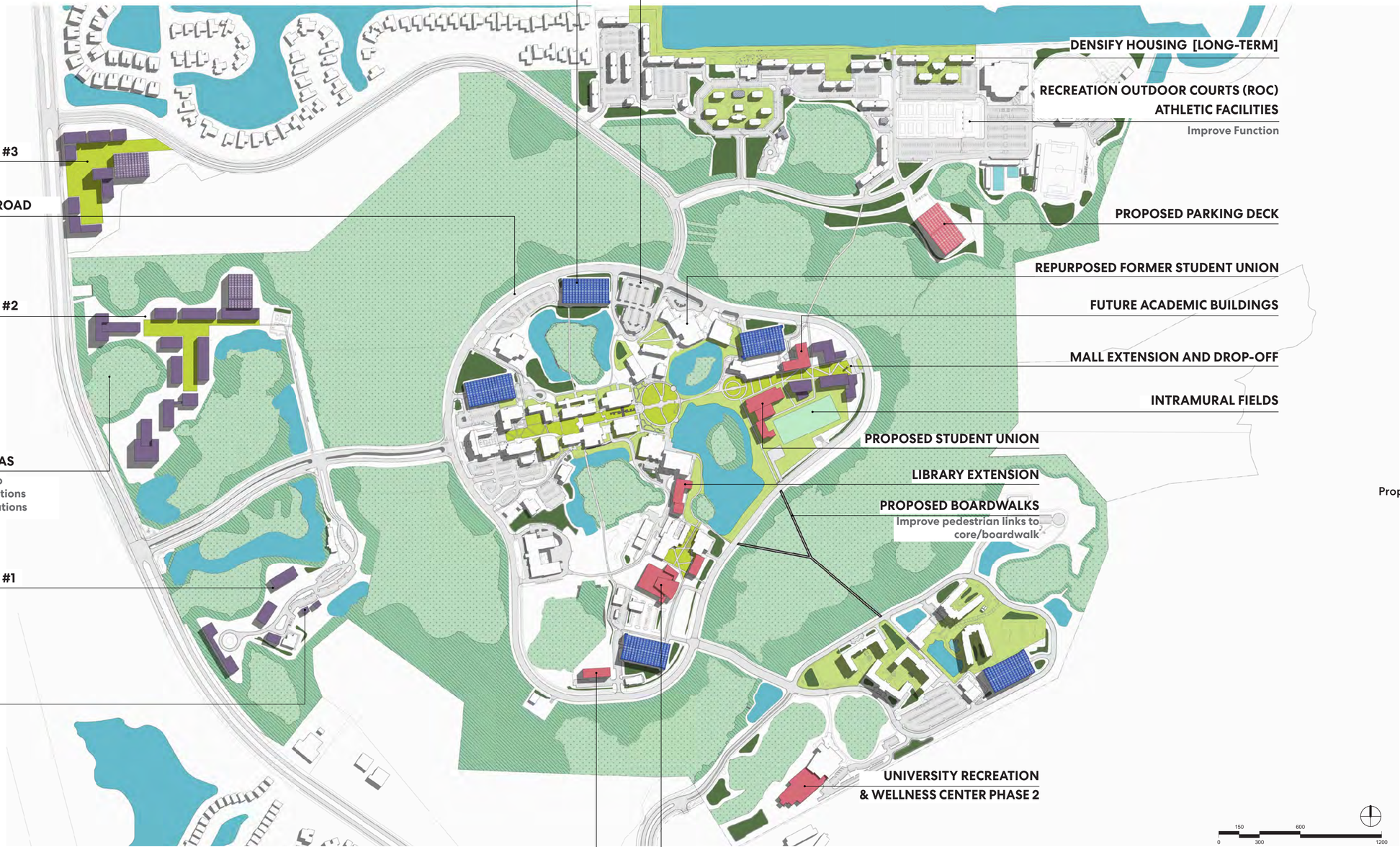
Overall Vision Plan

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

INTELLIGENT PARKING
- Install automated digital parking management system
- Place solar panels on all parking garages

MULTI-MODAL HUB
- Bike Stop
- Link to County Transit
- FGCU Shuttle Stop
- Visitor Dropoff



OUTREACH DISTRICT #3

RE-DESIGNED RING ROAD
- Shuttle Lanes
- Multi-Use Trail
- Traffic Calming

OUTREACH DISTRICT #2

CONSERVATION AREAS
- Work on Mapping App
- Info Center at key locations
- Mark limits at key locations

OUTREACH DISTRICT #1

FOOD FOREST
- Utility Building
- Market
- Outdoor Classroom

DENSIFY HOUSING [LONG-TERM]

RECREATION OUTDOOR COURTS (ROC)
ATHLETIC FACILITIES
Improve Function

PROPOSED PARKING DECK

REPURPOSED FORMER STUDENT UNION

FUTURE ACADEMIC BUILDINGS

MALL EXTENSION AND DROP-OFF

INTRAMURAL FIELDS

PROPOSED STUDENT UNION

LIBRARY EXTENSION

PROPOSED BOARDWALKS
Improve pedestrian links to core/boardwalk

UNIVERSITY RECREATION & WELLNESS CENTER PHASE 2

FUTURE BUILDING A

PERFORMING ARTS CENTER

BUILDING LEGEND
- Existing Buildings
- Existing Parking Garages
- Proposed Buildings 2020-2025 [5-YR]
- Proposed Buildings Long Term

LANDSCAPE LEGEND
- Conservation Areas - Wetland
- Conservation Areas - Upland
- Open Space
- Detention Areas

0 150 300 600 1200

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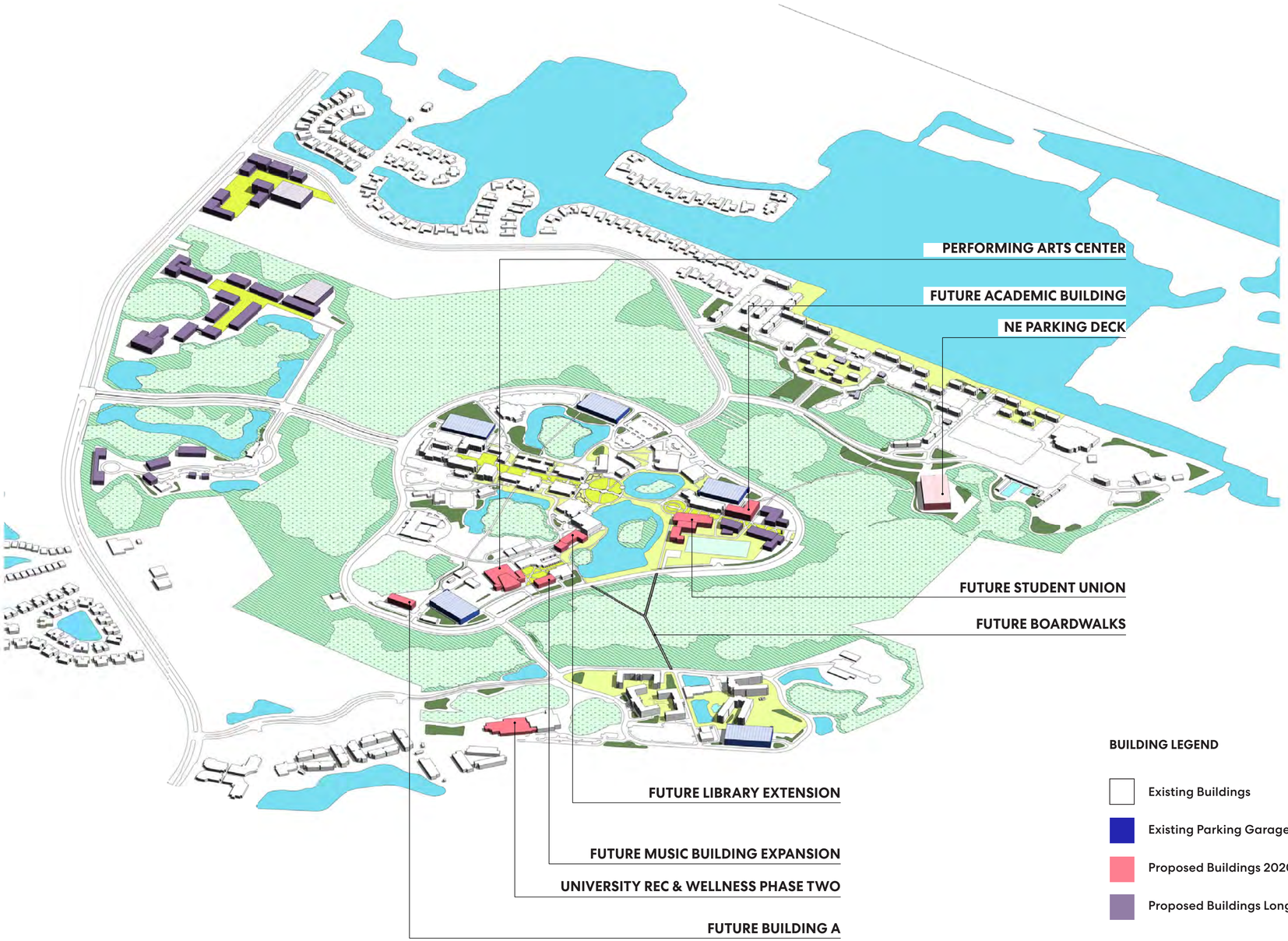
FGCU Master Plan Update 2020-2030

3D Axonometric View

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24



PROPOSED BUILDINGS 2020-2025 [5-YR]	
FUTURE ACADEMIC BUILDING	115,600 GSF
FUTURE BUILDING A	52,000 GSF
FUTURE MUSIC BUILDING EXPANSION	30,400 GSF
LIBRARY EXTENSION	61,800 GSF
NE PARKING DECK	331,900 GSF
PERFORMING ARTS CENTER	93,300 GSF
STUDENT UNION	200,000 GSF
UNIVERSITY RECREATION & WELLNESS CENTER PHASE TWO	100,000 GSF

NOTE: FOR REFERENCE ONLY, SQUARE FOOTAGES ARE PENDING APPROVAL.

BUILDING LEGEND

- Existing Buildings
- Existing Parking Garages
- Proposed Buildings 2020-2025 [5-YR]
- Proposed Buildings Long Term

LANDSCAPE LEGEND

- Conservation Areas - Wetland
- Conservation Areas - Upland
- Open Space
- Detention Areas

Perkins&Will

FGCU Master Plan Update 2020-2030

Rendered Site Plan

FLORIDA GULF COAST UNIVERSITY

DRAFT
2020.02.24

Item D3-2

JOHNSON ENGINEERING

SINCE 1946

February 9, 2021

Brad Cook, P.G.
Section Leader – Water Use Permitting Unit
Lower West Coast Regional Service Center
South Florida Water Management District
2301 McGregor Boulevard
Fort Myers, FL 33901

Re: Project: FGCU Center for Entrepreneurship and Innovation
Permit: 36-05837-W – Master Dewatering Permit Update
Location: Section 23, Township 46 South, 25 East Lee County

Dear Brad:

FGCU requests an update to master dewatering permit #36-05837-W to include dewatering activities related to elevator pit and utility installation related to the construction of the Center for Entrepreneurship and Innovation in accordance with Special Condition #19. An associated ERP modification has been submitted under application #200527-3556. The maximum depth of dewatering will be approximately 10 feet below land surface (bls; 12 feet NAVD) for utility installation.

The dewatering plan will follow the strategy used previously during construction of other utility projects in the vicinity, as approved by the SFWMD.

The applicant proposes to retain the dewatering effluent in the FGCU surface water management system. The dewatering effluent will first be routed to particulate settling/dry detention basins located adjacent to construction areas. Once the basin reaches capacity, the treated effluent will be routed to existing surface water management pond located adjacent to the project site. The surface water management pond discharges to the interconnected onsite surface water management system. Control structures will be temporarily blocked, if necessary, to retain the water on site. Turbidity control devices, such as floating turbidity barrier, will be used to reduce the turbidity of the dewatering effluent discharged to the surface water management system, as shown in the project drawings. See attached for calculations for estimates of dewatering volumes and predicted drawdown.

The elevator pit and utility installation dewatering will be completed in approximately 30 days. Dewatering will occur intermittently throughout the construction period. The proposed dewatering activities are consistent with the master dewatering permit.

2122 Johnson Street ▪ Post Office Box 1550 ▪ Fort Myers, Florida 33902-1550
(239) 334-0046 ▪ Fax (239) 334-3661

A turbidity monitoring program will be implemented when discharge of dewatering effluent to the surface water management ponds occurs.

The contractor will contact the SFWMD if this plan needs to be modified due to unanticipated site or weather conditions.

Should you have any questions or comments, please do not hesitate to contact me at (239) 334-0046.

Sincerely,

JOHNSON ENGINEERING, INC.

Kim Arnold, PG
Hydrogeologist

KKA/*tmm* File #20203044-000

cc: T. Mayo, FGCU

Enclosures

FGCU Center for Entrepreneurship and Innovation
Monitoring Plan

Turbidity is expressed in nephelometric turbidity units (NTU).

Background samples shall be based on sample collected from receiving water prior to discharge of dewatering effluent. Turbidity values shall not exceed 29 NTU above background values.

Samples shall be collected downstream of the dewatering effluent discharge location while discharge of dewatering effluent is occurring. Prior to the commencement of dewatering discharge, appropriate turbidity controls will be installed around the discharge location. The contractor will take measures to ensure that no scour is occurring around the discharge locations due to the velocity of dewatering effluent discharge.

Samples shall be taken daily during times when discharge of dewatering effluent, as authorized by the SFWMD permit, is occurring. The SFWMD may increase the sampling frequency if determined to be necessary based on site visit observations.

Monitoring shall begin on the first day of dewatering during which discharge through the outfall structure occurs. Monitoring shall cease when dewatering effluent discharge ceases. The sampling locations will be identified each day of sampling. The monitoring data must demonstrate that turbidity downstream of all dewatering effluent discharge points is less than or equal to 29 NTUs above background turbidity. If turbidity standards are not met, discharge of dewatering effluent will cease, and the dewatering plan and/or turbidity control measures will be revised such that turbidity standards are met.

All monitoring data shall be maintained on site and be available to SFWMD staff during regular business hours. This data shall include:

(1) permit and application number; (2) dates of sampling and analysis; (3) a statement describing the methods used in collection, handling, storage and analysis of the samples; (4) a map indicating the sampling locations and (5) a statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection and accuracy of the data.

Monitoring reports will be submitted to the SFWMD upon request. The monitoring reports shall also include the following information for each sample that is taken:

(a) time of day samples taken;
(b) depth of water body;
(c) depth of samples;
(d) antecedent weather conditions
(e) wind direction and velocity.
(f) direction of flow

JOHNSON ENGINEERING

SINCE 1946

January 22, 2020

Brad Cook, P.G.
Section Leader – Water Use Permitting Unit
Lower West Coast Regional Service Center
South Florida Water Management District
2301 McGregor Boulevard
Fort Myers, FL 33901

Re: Project: FGCU School of Water Resources and Integrated Sciences
Permit: 36-05837-W – Master Dewatering Permit Update
Location: Section 24, Township 46 South, 25 East Lee County

Dear Brad:

FGCU requests an update to master dewatering permit #36-05837-W to include dewatering activities related to utility installation related to the construction of the School of Water Resources and Integrated Sciences in accordance with Special Condition #19. An associated ERP modification has been submitted under application #200109-2601. The maximum depth of dewatering will be approximately 20 feet below land surface (bls; 0.0 feet NAVD) for lift station installation.

The dewatering plan will follow the strategy used previously during construction of other utility projects in the vicinity, as approved by the SFWMD.

The applicant proposes to retain the dewatering effluent in the FGCU surface water management system. The dewatering effluent shall first be routed to particulate settling/dry detention basins located adjacent to construction areas. Once the basin reaches capacity, the treated effluent will be routed to existing surface water management ponds located adjacent to the project site. The surface water management pond discharges to the interconnected onsite surface water management system. Control structures will be temporarily blocked, if necessary, to retain the water on site. Turbidity control devices, such as floating turbidity barrier, will be used to reduce the turbidity of the dewatering effluent discharged to the surface water management system, as shown in the project drawings. See attached for calculations for estimates of of dewatering volumes and predicted drawdown.

The utility installation dewatering will be completed in approximately 18 months. Dewatering will occur intermittently throughout the construction period. The proposed dewatering activities are consistent with the master dewatering permit.

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(239) 334-0046 ▪ Fax (239) 334-3661

A turbidity monitoring program will be implemented when discharge of dewatering effluent to the surface water management ponds occurs.

The contractor will contact the SFWMD if this plan needs to be modified due to unanticipated site or weather conditions.

Should you have any questions or comments, please do not hesitate to contact me at (239) 334-0046.

Sincerely,

JOHNSON ENGINEERING, INC.

Kim Arnold, PG
Hydrogeologist

KKA/*tmm* File #20192094-000

cc: T. Mayo, FGCU

Enclosures

DRAFT

FGCU School of Water Resources and Integrated Sciences Turbidity Monitoring Plan

Turbidity is expressed in nephelometric turbidity units (NTU).

Background samples shall be based on sample collected from receiving water prior to discharge of dewatering effluent. Turbidity values shall not exceed 29 NTU above background values.

Samples shall be collected downstream of the dewatering effluent discharge location while discharge of dewatering effluent is occurring. Prior to the commencement of dewatering discharge, appropriate turbidity controls will be installed around the discharge location. The contractor will take measures to ensure that no scour is occurring around the discharge locations due to the velocity of dewatering effluent discharge.

Samples shall be taken daily during times when discharge of dewatering effluent, as authorized by the SFWMD permit, is occurring. The SFWMD may increase the sampling frequency if determined to be necessary based on site visit observations.

Monitoring shall begin on the first day of dewatering during which discharge through the outfall structure occurs. Monitoring shall cease when dewatering effluent discharge ceases. The sampling locations will be identified each day of sampling. The monitoring data must demonstrate that turbidity downstream of all dewatering effluent discharge points is less than or equal to 29 NTUs above background turbidity. If turbidity standards are not met, discharge of dewatering effluent will cease, and the dewatering plan and/or turbidity control measures will be revised such that turbidity standards are met.

All monitoring data shall be maintained on site and be available to SFWMD staff during regular business hours. This data shall include:

(1) permit and application number; (2) dates of sampling and analysis; (3) a statement describing the methods used in collection, handling, storage and analysis of the samples; (4) a map indicating the sampling locations and (5) a statement by the individual responsible for implementation of the sampling program concerning the authenticity, precision, limits of detection and accuracy of the data.

Monitoring reports will be submitted to the SFWMD upon request. The monitoring reports shall also include the following information for each sample that is taken:

(a) time of day samples taken;
(b) depth of water body;
(c) depth of samples;
(d) antecedent weather conditions
(e) wind direction and velocity.
(f) direction of flow

Item D-4

Center for Entrepreneurship and Innovation

Utility	LF	LF/day	Dewatering Depth (ft)	Hydraulic Conductivity (ft/d)	Water in Excavation Area (MG)%	Flow per Day (MGD)	Retention Area (acres)*	Estimated Seepage Losses (MGD)#	Estimated Evaporative Losses (MGD)^	Total Losses from Storage Area (MGD)	Retention Area Capacity (MG)	Days of Storage Available	Estimated Days to Construct
Sanitary Sewer	121	100	9	1,000	0.02	1.55	0.20	0.25	0.001	0.25	0.08	0	2
Fire Main	349	100	7	100	0.05	0.12	0.20	0.25	0.001	0.25	0.08	unlimited	4
Potable	243	100	7	100	0.04	0.12	0.20	0.25	0.001	0.25	0.08	unlimited	3
Chiller Water Line	656	100	10	1,000	0.15	1.72	0.20	0.25	0.001	0.25	0.08	0	7
Storm Drain	396	100	9	1,000	0.08	1.55	0.20	0.25	0.001	0.25	0.08	0	4

Cell	Cell Acreage	Cell Perimeter (feet)	Dewatering Depth (ft)	Hydraulic Conductivity (ft/d)	Water in Excavation Area (MG)%	Flow per Day (MGD)	Retention Area (acres)*	Estimated Seepage Losses (MGD)#	Estimated Evaporative Losses (MGD)^	Total Losses from Storage Area (MGD)	Retention Area Capacity (MG)	Days of Storage Available	Estimated Days to Construct@
Elevator Pit Excavation													
Elevator Pits	0.06	200	6	100	0.02	0.09	0.20	0.25	0.001	0.25	0.08	0	15

Max Day Pumpage:	**2.80**
Total Pumpage:	**35.84**

(maximum sum of Flow per Day & Water in Excavation Aarea values from above table multiplied by 1.5)

(total of Flow per Day x Days to Construct & Water in Excavation Aarea values from above table multiplied by 1.5)

** Retention area acreage based on dewatering plan*

 # Based on hydraulic conductivity of 5 ft/d over a 10-foot saturated thickness and a hydraulic gradient of 0.25 for temporary retention areas,

^ Evaporative losses of 52"/year for lakes from Fernauld and Patton (1984)

% Does not account for side-slopes. Actual excavated volume will be less.

Kim K. Arnold, P.G.
Florida License No. 2565
Johnson Engineering, Inc.
2122 Johnson Street
Fort Myers, FL 33901
(239) 334-0046
G B #503

School of Water Resources and Integrated Sciences

Utility	LF	LF/day	Dewatering Depth (ft)	Hydraulic Conductivity (ft/d)	Water in Excavation Area (MG)%	Flow per Day (MGD)	Retention Area (acres)*	Estimated Seepage Losses (MGD)#	Estimated Evaporative Losses (MGD)^	Total Losses from Storage Area (MGD)	Retention Area Capacity (MG)	Days of Storage Available	Estimated Days to Construct
Sanitary Sewer	1,724	100	12	1,000	0.46	2.06	1.43	0.25	0.006	0.25	0.61	0	18
Fire Main	317	100	4	100	0.03	0.07	1.43	0.25	0.006	0.25	0.61	unlimited	4
Potable	1,458	100	4	100	0.13	0.07	1.43	0.25	0.006	0.25	0.61	unlimited	15
Force Main	107	100	4	100	0.01	0.07	1.43	0.25	0.006	0.25	0.61	unlimited	2
Chiller Water Line	6,004	100	10	1,000	1.35	1.72	1.43	0.25	0.006	0.25	0.61	0	61
Conduit	5,404	100	4	100	0.49	0.07	1.43	0.25	0.006	0.25	0.61	unlimited	55
Storm Drain	2,260	100	8	100	0.41	0.14	1.43	0.25	0.006	0.25	0.61	unlimited	23

Cell	Cell Acreage	Cell Perimeter (feet)	Dewatering Depth (ft)	Hydraulic Conductivity (ft/d)	Water in Excavation Area (MG)%	Flow per Day (MGD)	Retention Area (acres)*	Estimated Seepage Losses (MGD)#	Estimated Evaporative Losses (MGD)^	Total Losses from Storage Area (MGD)	Retention Area Capacity (MG)	Days of Storage Available	Estimated Days to Construct@
Lift Station Excavation													
Lift Station	0.06	200	20	1,000	0.08	2.99	1.43	0.25	0.006	0.25	0.61	0	60

Max Day Pumpage:	**4.61**
Total Pumpage:	**499.46**

(maximum sum of Flow per Day & Water in Excavation Aarea values from above table multiplied by 1.5)
(total of Flow per Day x Days to Construct & Water in Excavation Aarea values from above table multiplied by 1.5)

** Retention area acreage based on dewatering plan*

 # Based on hydraulic conductivity of 5 ft/d over a 10-foot saturated thickness and a hydraulic gradient of 0.25 for temporary retention areas,

^ Evaporative losses of 52"/year for lakes from Fernauld and Patton (1984)

% Does not account for side-slopes. Actual excavated volume will be less.

Kim K. Arnold, P.G.
Florida License No. 2565
Johnson Engineering, Inc.
2122 Johnson Street
Fort Myers, FL 33901
(239) 334-0046
G B #503

JOHNSON ENGINEERING

SINCE 1946

February 12, 2021

Mr. James Ward
JPWard & Associates, LLC
2900 Northeast 12 Terrace
Suite 1
Oakland Park, FL 33334

Re: Florida Gulf Coast University
Dewatering Effluent Routing and Discharge

Dear Mr. Ward,

Pursuant to our conversation, the purpose of this letter is to request authorization from Miromar Community Development District (CDD) to discharge dewatering effluent to components of Miromar's surface water management system (e.g. conservation easement). Florida Gulf Coast University's project will require temporary construction dewatering related to installation of on-site utilities for their new academic buildings.

Due to the limited area available for on-site storage, dewatering effluent may need to be discharged from the FGCU's water management control structure, flow through a portion of FGCU's preserves prior to sheet flowing into the CDD property. This flow routing is the same as currently permitted for Basin 2 of FGCU's surface water management system. This request is solely to allow dewatering effluent to compose a portion of the water discharged via the historical flow paths. Particulate settling basins, turbidity control barriers and other measures will be used to control the turbidity in the dewatering effluent prior to discharge into the components of the surface water management system at FGCU and ultimately the property owned by Miromar CDD. In addition, best management practices will be implemented to further minimize turbidity of dewatering effluent entering the surface water management system. Effluent will meet applicable water quality standards prior to discharge to property owned by Miromar CDD and a turbidity monitoring plan will be implemented in accordance with the South Florida Water Management District dewatering permit issued for the project.

Dewatering activities related to the FGCU project are contingent upon the modification of the existing South Florida Water Management District (SFWMD) dewatering permit and are subject to inspections by SFWMD staff.

2122 Johnson Street ▪ Post Office Box 1550 ▪ Fort Myers, Florida 33902-1550
(239) 334-0046 ▪ Fax (239) 334-3661

Please provide your acknowledgement of this notice and permission by signing and dating the following letter. Please return a copy to me via e-mail or fax.

Please feel free to contact me if you have any questions.

Respectfully,

Kim Arnold, PG
Johnson Engineering

Re: Florida Gulf Coast University
Dewatering Effluent Routing and Discharge

I, _____, am authorized to grant the requested permission and hereby authorize Florida Gulf Coast University to route dewatering effluent from the Florida Gulf Coast University project into the components of the existing surface water management system owned by Miromar CDD.

Sign: _____ Date: _____

Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Memorandum

Date: March 1, 2021

To: James P. Ward- District Manager

From: Bruce Bernard - Field Asset Manager

Subject: Miromar Lakes CDD – February 2021 Report

CGA Project # 13-5692

Lake Maintenance

CDD staff has its contractor (Dragonfly Pond Services) completing lake bank restoration efforts along the non-residential side of Lake 1C within the St. Mortiz neighborhood. The contractor is also in the process of restoring lake banks along other non-residential lake banks in the Monte Bella and Ana Capri Cove neighborhoods. The contractor will then proceed with lake bank restoration efforts in the Valencia neighborhood at residential lakes identified by the CDD. Rip-rap repairs are also scheduled to be accomplished on lake banks in the Volterra neighborhood this upcoming month.

Solitude Lake Management has completed the midge fly treatment(s) along the Lake 5/6, north shoreline. The contractor has also made repairs to the aerators within the Tivoli and St. Moritz neighborhood lake(s) this month.

Stormwater

MRI Underground Services, the CDD stormwater contractor, has completed the cleaning of outfalls and structures in Phase #3 of the stormwater management program.

Reserve Fund

CDD staff has obtained lake bank area calculations, asset information, maps, and CDD landscaping parcels for preparation of landscape and stormwater system reserve reports, and has provided the data to Calvin, Giordano & Associates, Inc.'s landscape architecture and engineering departments. The

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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most recent past significant weather event (Hurricane Irma) impacted Miramar Lakes CDD; damage and repair information has also been provided.

Permit Compliance

SWFWMD Notice of Inspection letter dated September 18, 2015, remaining open items / updates are as follows:

1. Application – Miromar Lakes Phase 1
   a. Lake bank erosion - Erosion to the lake shoreline(s) has occurred in some areas of Lakes 6G, 6I, and 6J. Lake 6I has a drop of four (4) feet between lots. Also, erosion has occurred near control structure CS#1. Restore the lake shorelines to substantial compliance with permit.

   Shoreline erosion mitigation efforts have been incorporated into the CCD Capital Improvements budget(s) from 2016-2020. The CDD itself has taken efforts to implement the maintenance repairs with prior approval from affected Homeowners Associations (HOA's) (shoreline erosion mitigation has been completed in thirteen of the fourteen neighborhoods to be repaired).

Civil Engineering/Roadway & Highway Design
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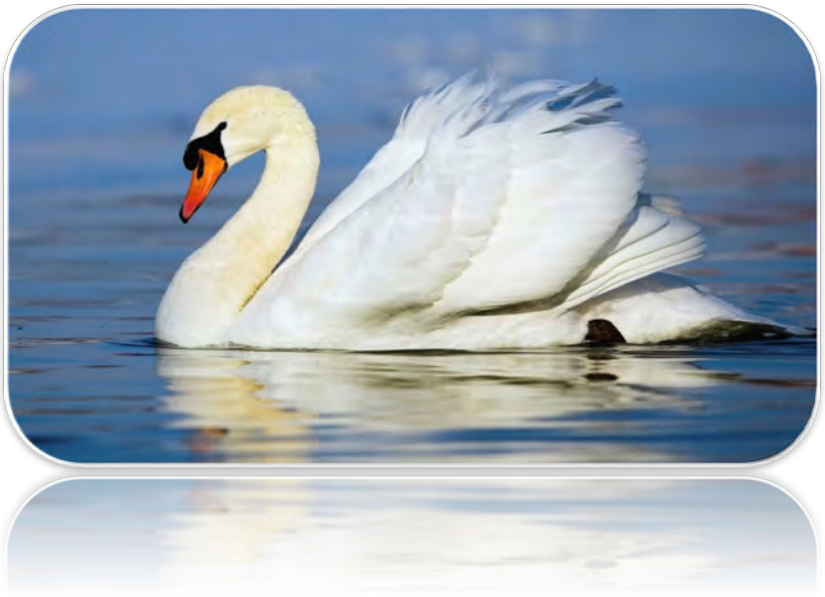
MIROMAR LAKES COMMUNITY DEVELOPMENT DISTRICT



FINANCIAL STATEMENTS – FEBRUARY 2021

FISCAL YEAR 2021

PREPARED BY:

JPWARD & ASSOCIATES, LLC, 2900 NORTHEAST 12TH TERRACE, SUITE 1, OAKLAND PARK, FL 333334

T: 954-658-4900 **E:** JimWard@JPWardAssociates.com

Miromar Lakes Community Development District

Table of Contents

JPWard & Associates, LLC
2900 Northeast 12th Terrace
Suite 1
Oakland Park, Florida 33334
(954) 658-4900

Miromar Lakes Community Development District
Balance Sheet
for the Period Ending February 28, 2021

	Governmental Funds			Account Groups		Totals (Memorandum Only)
		Debt Service Funds				
	General Fund	Series 2012	Series 2015	General Long Term Debt	General Fixed Assets	
Assets						
Cash and Investments						
General Fund - Invested Cash	$ 717,139	$ -	$ -	$ -	$ -	$ 717,139
Debt Service Fund						
Interest Account	-	-	-	-	-	-
Sinking Account	-	-	-	-	-	-
Reserve Account	-	366,651	404,783	-	-	771,434
Revenue	-	748,794	681,360	-	-	1,430,153
Prepayment Account	-	13,619	1,683	-	-	15,302
Due from Other Funds						
General Fund	-	54,454	28,741	-	-	83,194
Debt Service Fund(s)			-	-	-	-
Market Valuation Adjustments	-			-	-	-
Accrued Interest Receivable	-	-	-	-	-	-
Assessments Receivable	-	-	-	-	-	-
Accounts Receivable	-	-	-	-	-	-
Amount Available in Debt Service Funds	-	-	-	2,300,084	-	2,300,084
Amount to be Provided by Debt Service Funds	-	-	-	14,714,916	-	14,714,916
Investment in General Fixed Assets (net of depreciation)	-	-	-	-	36,514,917	36,514,917
Total Assets	**$ 717,139**	**$ 1,183,518**	**$ 1,116,566**	**$ 17,015,000**	**$ 36,514,917**	**$ 56,547,139**

Miromar Lakes Community Development District
Balance Sheet
for the Period Ending February 28, 2021

	Governmental Funds			Account Groups		Totals (Memorandum Only)
		Debt Service Funds				
	General Fund	Series 2012	Series 2015	General Long Term Debt	General Fixed Assets	
Liabilities						
Accounts Payable & Payroll Liabilities	$ -	$ -	$ -	$ -	$ -	$ -
Due to Other Funds						-
General Fund		-	-	-	-	-
Debt Service Fund(s)	83,194	-	-	-	-	83,194
Other Governments		-				-
Bonds Payable	-					-
Current Portion	-	-	-	960,000	-	960,000
Long Term	-	-	-	16,055,000	-	16,055,000
Total Liabilities	**$ 83,194**	**$ -**	**$ -**	**$ 17,015,000**	**$ -**	**$ 17,098,194**
Fund Equity and Other Credits						
Investment in General Fixed Assets	-			-	36,514,917	36,514,917
Fund Balance						
Restricted						
Beginning: October 1, 2020 (Unaudited)	-	601,279	993,904	-	-	1,595,183
Results from Current Operations	-	582,239	122,662	-	-	704,900
Unassigned						
Beginning: October 1, 2020 (Unaudited)	265,802			-	-	265,802
Reserve for Water Management System	50,000					50,000
Reserve for Disaster Relief Reserve	45,000					45,000
Results from Current Operations	273,143			-	-	273,143
Total Fund Equity and Other Credits	**$ 633,944**	**$ 1,183,518**	**$ 1,116,566**	**$ -**	**$ 36,514,917**	**$ 39,448,945**
Total Liabilities, Fund Equity and Other Credits	**$ 717,139**	**$ 1,183,518**	**$ 1,116,566**	**$ 17,015,000**	**$ 36,514,917**	**$ 56,547,139**

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through February 28, 2021

Description	October	November	December	January	February	Year to Date	Revised - Total Annual Budget	% of Budget
Revenue and Other Sources								
Carryforward	$ -	$ -	$ -	$ -	$ -	-	-	N/A
Interest								
Interest - General Checking	-	5	7	6	6	24	250	9%
Special Assessment Revenue								
Special Assessments - On-Roll	561	130,551	332,076	17,246	16,438	496,873	580,182	86%
Special Assessments - Off-Roll	-	29,747	-	29,747	-	59,494	118,991	50%
Miscellaneous Revenue	-	-	-	-	-	-	0	N/A
State Revenue Sharing-Emergency Mgmt Assis	-	-	-		-	-	0	N/A
Intragovernmental Transfer In	-	-	-	-	-	-	0	N/A
Total Revenue and Other Sources:	**$ 561**	**$ 160,303**	**$ 332,084**	**$ 46,999**	**$ 16,444**	**556,390**	**$ 699,423**	**80%**
Expenditures and Other Uses								
Legislative								
Board of Supervisor's - Fees	1,000	1,000	1,000	800	1,000	4,800	12,000	40%
Board of Supervisor's - Taxes	77	77	77	61	77	367	918	40%
Executive								
Professional Management	3,333	3,333	3,333	3,333	3,333	16,667	40,000	42%
Financial and Administrative								
Audit Services	-	-	3,000	-	-	3,000	4,000	75%
Accounting Services	-	-	-	-	290	290	-	N/A
Assessment Roll Services	-	-	18,000	-	-	18,000	18,000	100%
Arbitrage Rebate Services	350	1,000	-	-	-	1,350	2,000	68%
Bond Re-Amortizations	-	-	-	-	-	-	-	N/A
Other Contractual Services								
Legal Advertising	194	-	-	-	246	439	1,200	37%
Trustee Services	-	3,400	-	-	-	3,400	9,500	36%
Property Appraiser/Tax Collector Fees	-	-	-	-	-	-	2,000	0%
Bank Services	34	34	49	35	49	200	500	40%
Travel and Per Diem	-	-	-	-	-	-	-	N/A
Communications & Freight Services								
Postage, Freight & Messenger	67	51	58	58	50	284	800	35%
Insurance	6,928	-	-	-	-	6,928	7,000	99%
Printing & Binding	-	95	-	111	-	206	2,200	9%
Website Maintenance	50	50	50	50	50	250	1,200	21%
Office Supplies	-	-	-	-	-	-	-	N/A
Subscription & Memberships	175	-	-	-	-	175	175	100%
Legal Services								

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through February 28, 2021

Description	October	November	December	January	February	Year to Date	Revised - Total Annual Budget	% of Budget
Legal - General Counsel	-	-	215	731	-	947	30,000	3%
Legal - Litigation	-	-	-	-	-	-	-	N/A
Legal - Center Place - Special Counsel	-	-	-	-	-	-	-	N/A
Legal - Center Place	-	-	-	-	-	-	-	N/A
Land Exchange - Salerno	-	-	-	-	-	-	-	N/A
Other General Government Services								
Engineering Services - General Fund	-	58	-	615	1,193	1,865	7,000	27%
Asset Administration Services	-	-	-	833	-	833	10,000	8%
Center Place	-	-	-	-	-	-	-	N/A
GIS Services	-	-	-	-	-	-	-	N/A
Sub-Total:	**12,207**	**9,097**	**25,782**	**6,627**	**6,288**	**60,001**	**148,493**	**40%**
Hurricane Relief Services								
Engineering Services								
General Engineering	-	-	-	-	-	-	-	N/A
Water Mgt - Debris Removal								
Lake Bank Erosion	-	-	-	-	-	-	-	N/A
Landscaping - Debris Removal								
Landscaping Removal	-	-	-	-	-	-	-	N/A
Sub-Total:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	
Stormwater Management Services								
Professional Services								
Asset Management	-	3,817	3,817	3,046	3,817	14,496	35,800	40%
NPDES	-	-	-	-	-	-	2,000	0%
Utility Services								
Electric - Aeration Systems	-	90	944	511	527	2,072	4,800	43%
Lake System								
Aquatic Weed Control	-	4,772	-	9,544	4,772	19,088	71,000	27%
Lake Bank Maintenance	-	-	-	-	-	-	3,000	0%
Water Quality Testing	-	-	4,310	-	-	4,310	13,840	31%
Water Control Structures	-	-	-	-	22,650	22,650	26,000	87%
Grass Carp Installation	-	-	-	-	-	-	-	N/A
Litoral Shelf Barrier/Replanting	-	-	-	-	-	-	-	N/A
Cane Toad Removal	4,210	5,455	2,645	840	840	13,990	11,000	127%
Midge Fly Control	-	-	-	-	-	-	9,600	0%
Aeration System	810	-	3,050	6,938	3,050	13,848	2,000	692%
Fish Re-Stocking	-	-	-	-	10,086	10,086	-	N/A
Wetland System								
Routine Maintenance	-	3,364	-	6,728	3,364	13,456	49,100	27%
Water Quality Testing	-	-	-	-	-	-	-	N/A

Miromar Lakes Community Development District
General Fund
Statement of Revenues, Expenditures and Changes in Fund Balance
Through February 28, 2021

Description	October	November	December	January	February	Year to Date	Revised - Total Annual Budget	% of Budget
Other Current Charges	-	-	-	-	-	-	-	N/A
Capital Outlay								
Aeration Systems	-	-	-	-	-	-	13,260	0%
Littortal Shelf Replanting/Barrier	-	-	-	-	-	-	6,000	0%
Lake Bank Restoration	-	900	1,350	1,500	10,082	13,832	-	N/A
Turbidity Screens	-	-	-	-	-	-	-	N/A
Erosion Restoration	-	-	-	-	-	-	204,930	0%
Contingencies	-	-	-	-	-	-	3,000	0%
Sub-Total:	**5,020**	**18,398**	**16,115**	**29,107**	**59,188**	**127,828**	**455,330**	**28%**
Landscaping Services								
Professional Management								
Asset Management	-	-	-	-	-	-	-	N/A
Utility Services								
Electric	-	-	-	-	-	-	-	N/A
Irrigation Water	-	-	-	-	-	-	-	N/A
Repairs & Maintenance								
Public Area Landscaping	-	-	-	-	-	-	-	N/A
Irrigation System	-	-	-	-	-	-	-	N/A
Well System	-	-	-	-	-	-	-	N/A
Plant Replacement	-	-	-	-	-	-	-	N/A
Other Current Charges								
Lee County Assessments	-	-	-	-	-	-	-	N/A
Charlotte County Assessments	-	419	-	-	-	419	-	N/A
Hendry County - Panther Habitat Taxes	-	-	-	-	-	-	600	0%
Operating Supplies								
Mulch	-	-	-	-	-	-	-	N/A
Capital Outlay	-	-	-	-	-	-	-	N/A
Reserves for General Fund								
Water Management System	-	-	-	-	-	-	50,000	0%
Disaster Relief Reserve	-	-	-	-	-	-	45,000	0%
Sub-Total:	**-**	**419**	**-**	**-**	**-**	**419**	**95,600**	**0%**
Total Expenditures and Other Uses:	**$ 17,227**	**$ 27,914**	**$ 41,897**	**$ 35,734**	**$ 65,475**	**$ 188,248**	**$ 699,423**	**27%**
Net Increase/ (Decrease) in Fund Balance	(16,666)	132,389	290,187	11,265	(49,032)	368,143	-	
Fund Balance - Beginning	265,802	249,136	381,524	671,711	682,976	265,802	265,802	
Fund Balance - Ending	**$ 249,136**	**$ 381,524**	**$ 671,711**	**$ 682,976**	**$ 633,944**	**633,944**	**$ 265,802**	

Miromar Lakes Community Development District
Debt Service Fund - Series 2012 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through February 28, 2021

Description	October	November	December	January	February	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources								
Carryforward	$ -	$ -	$ -	$ -	$ -	-	$ -	N/A
Interest Income								
Reserve Account	3,772	-	-	-	-	3,772	7,200	52%
Prepayment Account	0	-	0	0	0	0	-	N/A
Revenue Account	1	1	0	1	4	7	4,500	0%
Interest Account	-	0	-	-	-	0	-	N/A
Special Assessment Revenue	-							
Special Assessments - On-Roll	907	211,047	536,830	27,880	26,573	803,237	937,856	86%
Special Assessments - Off-Roll	-	-	-	-	-	-	-	N/A
Special Assessments - Prepayments	-	-	-	-	-	-	-	N/A
Net Inc (Dec) Fair Value Investments	-	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 4,679**	**$ 211,048**	**$ 536,830**	**$ 27,881**	**$ 26,577**	**807,017**	**$ 949,556**	N/A
Expenditures and Other Uses								
Debt Service								
Principal Debt Service - Mandatory								
Series 2012 Bonds	-	-	-	-	-	-	$ 510,000	0%
Principal Debt Service - Early Redemptions								
Series 2012 Bonds	-	5,000	-	-	-	5,000	-	N/A
Interest Expense								
Series 2012 Bonds	-	219,778	-	-	-	219,778	439,556	50%
Operating Transfers Out (To Other Funds)	-	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	**$ -**	**$ 224,778**	**$ -**	**$ -**	**$ -**	**224,778**	**$ 949,556**	N/A
Net Increase/ (Decrease) in Fund Balance	4,679	(13,730)	536,830	27,881	26,577	582,239	-	
Fund Balance - Beginning	601,279	605,959	592,229	1,129,059	1,156,941	601,279	870,552	
Fund Balance - Ending	**$ 605,959**	**$ 592,229**	**$ 1,129,059**	**$ 1,156,941**	**$ 1,183,518**	**1,183,518**	**$ 870,552**	

Miromar Lakes Community Development District
Debt Service Fund - Series 2015 Bonds
Statement of Revenues, Expenditures and Changes in Fund Balance
Through February 28, 2021

Description	October	November	December	January	February	Year to Date	Total Annual Budget	% of Budget
Revenue and Other Sources								
Carryforward	$ -	$ -	$ -	$ -	$ -	-	$ -	N/A
Interest Income								
Reserve Account	6,784	-	0	0	0	6,784	12,000	57%
Interest Account	-	0	0	-	-	0	-	N/A
Prepayment Account	-	0	0	0	0	0	5,600	N/A
Revenue Account	3	3	2	2	3	13	7,000	N/A
Special Assessment Revenue								
Special Assessments - On-Roll	478	111,390	283,337	14,715	14,025	423,945	495,019	86%
Special Assessments - Off-Roll	-	-	-	-	-	-	418,881	0%
Special Assessments - Prepayments	-	-	-	-	-	-	-	N/A
Net Inc (Dec) Fair Value Investments	-	-	-	-	-	-	-	N/A
Operating Transfers In (From Other Funds)	-	-	-	-	-	-	-	N/A
Bond Proceeds	-	-	-	-	-	-	-	N/A
Total Revenue and Other Sources:	**$ 7,265**	**$ 111,393**	**$ 283,338**	**$ 14,717**	**$ 14,029**	**$ 430,742**	**$ 938,500**	N/A
Expenditures and Other Uses								
Debt Service								
Principal Debt Service - Mandatory								
Series 2015 Bonds	-	-	-	-	-	-	$ 450,000	0%
Principal Debt Service - Early Redemptions								
Series 2015 Bonds	-	65,000	-	-	-	65,000	-	N/A
Interest Expense								
Series 2015 Bonds	-	244,250	-	-	-	244,250	488,500	50%
Original Issue Discount	(1,170)	-	-	-	-	(1,170)	-	N/A
Operating Transfers Out (To Other Funds)	-	-	-	-	-	-	-	N/A
Total Expenditures and Other Uses:	**$ (1,170)**	**$ 309,250**	**$ -**	**$ -**	**$ -**	**308,080**	**$ 938,500**	N/A
Net Increase/ (Decrease) in Fund Balance	8,435	(197,857)	283,338	14,717	14,029	122,662	-	
Fund Balance - Beginning	993,904	1,002,339	804,481	1,087,820	1,102,537	993,904	-	
Fund Balance - Ending	**$ 1,002,339**	**$ 804,481**	**$ 1,087,820**	**$ 1,102,537**	**$ 1,116,566**	**1,116,566**	**$ -**	