



APOPKA DEVELOPMENT REVIEW COMMITTEE MEETING AGENDA

August 30, 2023 9:00 AM

Apopka City Hall Council Chambers

SPECIAL EVENTS

1. USA Gun Shows of Florida: Gun Show; September 8, 2023, 9:00 AM - 5:00 PM and September 9, 2023, 9:00 AM - 4:00 PM
2. Kindred Pear Exchange LLC: Kindred Pear Exchange - Fall Pop Up; October 1, 2023, 10:00 am - 2:00 PM
3. Cox Media Group: CMG Jingle Jam; December 1, 2023, 6:00 PM- 10:00 PM (TBD)
4. Specialty Pop Up Events: Specialty Pop Ups; October 14, 2023, 11:00 AM - 4:00 PM, November 18, 2023, 11:00 AM - 4:00 PM, December 16, 2023, 11:00 AM - 4:00 PM
5. Beracah 1 French Seventh day Adventist Church: Fundraising Festival; October 29, 2023
6. Epilepsy Association of Central Florida: Jingle, Mingle Tree Festival; December 2, 2023, 4:00 PM - 8:30 PM
7. Reyes Fitness Professional: Turkey Trot; November 18, 2023, 7:00 AM - 11:00 AM

FUTURE LAND USE AMENDMENT

1. HDR - 25 (High Density Residential) Repeal - Future Land Use Amendment

SITE PLAN:

CONSTRUCTION SITE PLAN

1. Acadia Orlando Health Apopka - Construction Site Plan (CSP), 1st Submittal
2. Mid Florida South Logistics Park - Construction Site Plan (CSP), 2nd Submittal
3. Hawthorne Business Center - Construction Site Plan (CSP), 1st Submittal

SUBDIVISION:

CONSTRUCTION SITE PLAN

1. Faircloth Lakes - Construction Site Plan (CSP), 5th Submittal

PLAT

1. The Ridge - Plat - 1st Submittal

DISCUSSION

ADJOURNMENT

Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk at least two (2) working days in advance of the meeting date and time at (407) 703-1704. F.S. 286.0105 If a person decides to appeal any decision or recommendation made by Council with respect to any matter considered at this meeting, he will need record of the proceedings, and that for such purposes he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Any opening invocation that is offered before the official start of the Council meeting shall be the voluntary offering of a private person, to and for the benefit of the Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the City Council or the city staff, and the City is not allowed by law to endorse the religious or non-religious beliefs or views of such speaker. Persons in attendance at the City Council meeting are invited to stand during the opening ceremony. However, such invitation shall not be construed as a demand, order, or any other type of command. No person in attendance at the meeting shall be required to participate in any opening invocation that is offered or to participate in the Pledge of Allegiance. You may remain seated within the City Council Chambers or exit the City Council Chambers and return upon completion of the opening invocation and/or Pledge of Allegiance if you do not wish to participate in or witness the opening invocation and/or the recitation of the Pledge of Allegiance.

USA gun show
Sept. 1st

- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
- Event Description
- A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
- A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
- A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
- Letter from the property owner granting permission for use of their property. (if on private property)
- If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
- Copies of flyers and advertisements.
- Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

Applicant must be present for duration of event.

Organization Name USA Gun Shows of Florida

Name of Applicant Dorothy Reese (Dotty)

Mailing Address 442 4th Ave

City Indialantic

State FL

Zip Code 32903

Cell Phone 8633440452

Email usagunshows.dotty@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

Yes

State of Florida Tax ID Number 1580186677261

A copy of your 501C3 non-profit certificate is required for non-profit status. Otherwise taxes will be charged.

Name of the Event Apopka Gun Show

Date(s) of the Event September 8-9 2023

Hours of the Event Sat 9-5 & Sun 9-4

Location of the Event Apopka Community Center

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 500

Briefly describe the event and all activities that will occur during the event: Trade show for firearms, personal protection items, concealed training classes, and more

Event Category • Other

Please specify Trade Show

Are there flyers or advertisements for this event?

Yes

Will there be admission fees to your event?

Yes

Will you be serving alcohol?

No

Is your event open to the public?

Yes

Does your event include food concession?

Yes

Do you intend to have food trucks at your event?

Yes

How many?

1

Will there be merchandising vending at your event?

No

Will they need electric?

No

Will you be hiring a private security company for the event?

Yes

Name of Security Company: We provide G licensed armed security

Do you require overnight security?

No

Are there musical entertainment features related to your event?

No

Will amplified sound be used during the event?

No

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

No

Will inflatables be used at your event?

No

Will your event include any fireworks or pyrotechnics?

No

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date	09/08/2023
Start Time	10:00 AM (EDT)
End Time	6:00 PM (EDT)

Event Dates

Date	09/09/2023
Start Time	9:00 AM (EDT)
End Time	5:00 PM (EDT)

Take Down/Load Out

Date	09/10/2023
Start Time	9:00 AM (EDT)
End Time	6:00 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature



Name of Applicant	Dorothy Reese-Hoisington
Title of Applicant	Promoter
Date Submitted	08/12/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.
- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.
- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

Before activity setup, or any other site activity begins, Applicant/Event Organizer must have a Certificate of Liability Insurance **(including all extensions to the insurance certificate—to also include a copy of the complete insurance policy)** on file with the City's Risk Management Division. The cost of such insurance shall be the responsibility of the Applicant/Event Organizer and must meet ALL requirements as directed by the City of Apopka. The City reserves the right to increase coverage as determined for higher risk events or activities. This insurance policy must remain in effect throughout the entire duration of the property use beginning with load-in and ending at the conclusion of load-out.

- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform

contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.

- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant



Name of Applicant

Dorothy Reese

Title of Applicant

Promoter

Sponsoring Organization Name

USA Gun Show of Florida

*\$50
permit
fee*



City of

APOPKA

City of Apopka3710 Jason Dwelley Parkway
Apopka, FL 32712407-703-1784
events@apopka.net
<https://www.apopka.gov>**Registration/Payment Receipt 59936574**

08/23/2023 08:33 AM

Account InformationUSA Gun Shows of Florida
Brian Carter
442 4th Avenue
Indialantic, FL 32903**Received By**

Carolyn Ray at Northwest Recreation Complex

Item	Balance Due	Amount Paid
Special Event Permit Fee	\$50.00	\$0.00
Change in Balance		\$50.00
Account Balance		\$50.00
<i>(As of 08/23/2023 08:33 AM)</i>		

- Fall pop up
VFW/ACC
10/1/23
- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
 - Event Description
 - A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
 - A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
 - A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
 - Letter from the property owner granting permission for use of their property. (if on private property)
 - If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
 - Copies of flyers and advertisements.
 - Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

Applicant must be present for duration of event.

Organization Name Kindred Pear Exchange LLC

Name of Applicant Alyssa Altamirano

Mailing Address 1033 Pavia Drive

City Apopka

State Florida

Zip Code 32703

Email kindredpearexchange@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

No

State of Florida Tax ID Number 93-2514224

Name of the Event Fall Pop Up: A Community Event

Date(s) of the Event Sunday, October 1, 2023

Hours of the Event 10am - 2pm

Location of the Event Apopka Community Center

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 150

Briefly describe the event and all activities that will occur during the event:

The event will showcase 20 -30 vendors with booths set up around the venue. The stage will also be utilized with a live performance from a local performer. The public will be permitted to shop and enjoy locally made goods for free admission.

Event Category • Other

Please specify

Vendor Pop Up

Are there flyers or advertisements for this event?

Yes

Attach Flyer or Advertisement 1 *File(s) attached:*



Will there be admission fees to your event?

No

Will you be serving alcohol?

No

Is your event open to the public?

Yes

Does your event include food concession?

No

Do you intend to have food trucks at your event?

Yes

How many?

3

Will there be merchandising vending at your event?

Yes

How many vendors?

30

Will they need electric?

No

Will you be hiring a private security company for the event?

No

Do you require overnight security?

No

Are there musical entertainment features related to your event?

Yes

Please attach a list of all stage performance schedules.

Will amplified sound be used during the event?	Yes
Will any streets be closed or will the flow of traffic be affected by the event?	No
Does your event include the use of tents?	No
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date	10/01/2023
Start Time	9:00 AM (EDT)
End Time	10:00 AM (EDT)

Event Dates

Date	10/01/2023
Start Time	10:00 AM (EDT)
End Time	2:00 PM (EDT)

Take Down/Load Out

Date	10/01/2023
Start Time	2:00 PM (EDT)
End Time	3:00 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature



Name of Applicant

Alyssa Altamirano

Title of Applicant

Co-Owner

Date Submitted

08/09/2023

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If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

Please provide a copy of your certificate of insurance.

File(s) attached:



Certificate of Insurance (SEL).pdf

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- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

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By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant

A handwritten signature in black ink that reads "Alyssa Altamirano". The signature is written in a cursive, flowing style.

Name of Applicant

Alyssa Altamirano

Title of Applicant

Co-Owner

Sponsoring Organization Name

Kindred Pear Exchange LLC

KINDRED PEAR EXCHANGE



FALL POP UP

A COMMUNITY EVENT

LIVE MUSIC • FOOD • DRINKS • SHOPPING

SHOP LOCALLY MADE GOODS

SUNDAY 10.01.23

**Apopka Community Center
519 S Central Ave, Apopka**

10 am-2 pm

**WANNA BE A VENDOR?
APPLY USING OUR QR CODE!**



*\$80
permit
fee*



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/09/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Foresite Sports, Inc. DBA: Eventsured 24 S. Newtown Street Road Newtown Square, PA 19073	CONTACT NAME: Eventsured Customer Service PHONE (A/C, No, Ext): 888-882-5902 E-MAIL: info@eventsured.com ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A : Houston Casualty Company INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	FAX (A/C, No): NAIC # 42374
INSURED Kindred Pear Exchange LLC Alyssa Altamirano 1033 Pavia Dr Apopka, FL 32703		

COVERAGES**CERTIFICATE NUMBER:** TM301167**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR	Y	Y	H22SE00130/TM301167	10/01/2023 12:01AM	10/02/2023 2:01AM	EACH OCCURRENCE \$ 1,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000						
	MED EXP (Any one person) \$ 1,000						
	PERSONAL & ADV INJURY \$ 1,000,000						
	GENERAL AGGREGATE \$ 2,000,000						
GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC				PRODUCTS - COMP/OP AGG \$ 1,000,000			
				DEDUCTIBLE \$ 0			
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐	N/A				WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Additional Insureds must be venue managers or municipalities and are added with respect to our insured's operations only. Waiver of Subrogation (WOS) and Primary & Non-Contributory (PNC) wording applies only when coverage is purchased by the insured, required by written contract and as indicated below. This coverage is with respect to the Bazaar to be held on 10/01/2023 - 10/01/2023 with 175 attendees at Apopka Community Center 519 S Central Ave Apopka, FL 32703. Additional Insureds include: Apopka Community Center 519 S Central Ave Apopka, FL 32703; City of Apopka (WOS & PNC selected).

CERTIFICATE HOLDER**CANCELLATION**

Apopka Community Center 519 S Central Ave Apopka FL, 32703	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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ACORD 25 (2010/05)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/09/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Foresite Sports, Inc. DBA: Eventsured 24 S. Newtown Street Road Newtown Square, PA 19073	CONTACT NAME: Eventsured Customer Service PHONE (A/C, No, Ext): 888-882-5902 E-MAIL: info@eventsured.com FAX (A/C, No): INSURER(S) AFFORDING COVERAGE INSURER A: Houston Casualty Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 42374
INSURED Kindred Pear Exchange LLC Alyssa Altamirano 1033 Pavia Dr Apopka, FL 32703		

COVERAGES

CERTIFICATE NUMBER: TM301167

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☐ GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC	Y	Y	H22SE00130/TM301167	10/01/2023 12:01AM	10/02/2023 2:01AM	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 1,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 DEDUCTIBLE \$ 0
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ EXCESS LIAB ☐ OCCUR ☐ CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N ☐ N/A						WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Additional Insureds must be venue managers or municipalities and are added with respect to our insureds operations only. Waiver of Subrogation (WOS) and Primary & Non-Contributory (PNC) wording applies only when coverage is purchased by the insured, required by written contract and as indicated below. This coverage is with respect to the Bazaar to be held on 10/01/2023 - 10/01/2023 with 175 attendees at Apopka Community Center 120 E. Main Street Apopka, FL 32703. Additional Insureds include: Apopka Community Center 120 E. Main Street Apopka, FL 32703; City of Apopka (WOS & PNC selected).

CERTIFICATE HOLDER**CANCELLATION**

Apopka Community Center 120 E. Main Street Apopka FL, 32703	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	--

ACORD 25 (2010/05)

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City of Apopka

3710 Jason Dwelley Parkway
Apopka, FL 32712

407-703-1784
events@apopka.net
<https://www.apopka.gov>

Registration/Payment Receipt 59936586

08/23/2023 08:34 AM

Account Information

Alyssa Altamirano
1033 Pavia Drive
Apopka, FL 32703

Received By

Carolyn Ray at Northwest Recreation Complex

Item	Balance Due	Amount Paid
Special Event Permit Fee	\$50.00	\$0.00
Change in Balance		\$50.00
Account Balance		\$752.90
<i>(As of 08/23/2023 08:34 AM)</i>		

- Cox Media
12/1
AMP.
- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
 - Event Description
 - A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
 - A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
 - A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
 - Letter from the property owner granting permission for use of their property. (if on private property)
 - If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
 - Copies of flyers and advertisements.
 - Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

Applicant must be present for duration of event.

Organization Name Cox Media Group

Name of Applicant Josh Egolf

Mailing Address 4192 N John Young Parkway

City Orlando

State Florida

Zip Code 32804

Cell Phone 14073999044

Email josh.a.egolf@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

No

State of Florida Tax ID Number 83-3721978

Name of the Event K92.3 Jingle Jam

Date(s) of the Event Dec 1 2023

Hours of the Event 6p-10p (TBD)

Location of the Event Apopka Amphitheater

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 5000

Briefly describe the event and all activities that will occur during the event: Acoustic country concert featuring 6-9 artists in a guitar-pull style setting (artists sharing the stage in sets); VIP area to include amp seating

Event Category • Concert Performance

Are there flyers or advertisements for this event?

No

Additional Event Information We will be sending liquor license and COI for review ASAP

Will there be admission fees to your event?

Yes

Will you be serving alcohol?

Yes

If yes for serving alcohol, a copy of your liquor license & insurance is required.

City Council approval is also required.

Is your event open to the public?

Yes

Does your event include food concession?

Yes

Do you intend to have food trucks at your event?

Yes

How many?

5

Will there be merchandising vending at your event?

Yes

How many vendors?

8

Will they need electric?

Yes

Additional fees apply for electric use.

Will you be hiring a private security company for the event?

Yes

Name of Security Company: Contemporary Services Corporation

Do you require overnight security?

No

Are there musical entertainment features related to your event?

Yes

Please attach a list of all stage performance schedules.

Will amplified sound be used during the event?

Yes

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

Yes

Please indicate tent location & size on layout. Permits and ground locates may be required.

What size of tents? sizes will vary from 10x10 for sponsor booths up to 20x60 for VIP

Will inflatables be used at your event?

Yes

Will your event include any fireworks or pyrotechnics?

No

Layout map for event

File(s) attached:



JINGLE JAM 2023 SITE MAP (V1).pptx

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date 12/01/2023

Start Time 9:00 AM (EDT)

End Time 5:00 PM (EDT)

Event Dates

Date 12/01/2023

Start Time 6:00 PM (EDT)

End Time 10:00 PM (EDT)

Take Down/Load Out

Date 12/01/2023

Start Time 10:00 PM (EDT)

End Time 11:59 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature



Name of Applicant Josh Egolf

Title of Applicant Events Director

Date Submitted 08/14/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.
- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.

- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

Before activity setup, or any other site activity begins, Applicant/Event Organizer must have a Certificate of Liability Insurance **(including all extensions to the insurance certificate—to also include a copy of the complete insurance policy)** on file with the City's Risk Management Division. The cost of such insurance shall be the responsibility of the Applicant/Event Organizer and must meet ALL requirements as directed by the City of Apopka. The City reserves the right to increase coverage as determined for higher risk events or activities. This insurance policy must remain in effect throughout the entire duration of the property use beginning with load-in and ending at the conclusion of load-out.

- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.
- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant

Josh Egolf

Name of Applicant

Josh Egolf

Title of Applicant

Events Director

Sponsoring Organization Name

Cox Media Group



**City of Apopka**

3710 Jason Dwelley Parkway
Apopka, FL 32712

407-703-1784
events@apopka.net
<https://www.apopka.gov>

Registration/Payment Receipt 59936635

08/23/2023 08:37 AM

Account Information

Cox Media Group
Josh Egolf
4192 N. John Young Parkway
Orlando, FL 32804

Received By

Carolyn Ray at Northwest Recreation Complex

Item	Balance Due	Amount Paid
Special Event Permit Fee	\$50.00	\$0.00
Change in Balance		\$50.00
Account Balance		\$50.00
<i>(As of 08/23/2023 08:37 AM)</i>		

- pop up event
Oct/Nov/Dec
KLNP
- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
 - Event Description
 - A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
 - A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
 - A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
 - Letter from the property owner granting permission for use of their property. (if on private property)
 - If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
 - Copies of flyers and advertisements.
 - Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

Applicant must be present for duration of event.

Organization Name specialty pop up events

Name of Applicant abby hurwitz

Mailing Address 3801 w lake mary blvd

City lake mary

State florida

Zip Code 32746

Cell Phone 5612714771

Email specialtypopupevents@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

No

State of Florida Tax ID Number 825236331

Name of the Event fall craft and food fest, holiday food fest and craft show, holiday grinch fest

Date(s) of the Event 10/14, 11/18, 12/16

Hours of the Event 11am-4pm

Location of the Event kit land nelson park

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 400

Briefly describe the event and all activities that will occur during the event: holiday craft show with local mom and pop vendors, kids activities, free family fun event.

\$50 permit fee.

Event Category • Street Festival

Are there flyers or advertisements for this event?

No

Will there be admission fees to your event?

No

Will you be serving alcohol?

No

Is your event open to the public?

Yes

Does your event include food concession?

Yes

Do you intend to have food trucks at your event?

Yes

How many?

5

Will there be merchandising vending at your event?

Yes

How many vendors?

45

Will they need electric?

No

Will you be hiring a private security company for the event?

No

Do you require overnight security?

No

Are there musical entertainment features related to your event?

No

Will amplified sound be used during the event?

No

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

Yes

Please indicate tent location & size on layout. Permits and ground locates may be required.

What size of tents?

10x10

Will inflatables be used at your event?

No

Will your event include any fireworks or pyrotechnics?

No

Layout map for event

File(s) attached:



Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date	10/14/2023
Start Time	9:00 AM (EDT)
End Time	11:00 AM (EDT)

Event Dates

Date	10/14/2023
Start Time	11:00 AM (EDT)
End Time	4:00 PM (EDT)

Take Down/Load Out

Date	10/14/2023
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- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.
- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.
- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

Before activity setup, or any other site activity begins, Applicant/Event Organizer must have a Certificate of Liability Insurance **(including all extensions to the insurance certificate—to also include a copy of the complete insurance policy)** on file with the City's Risk Management Division. The cost of such insurance shall be the responsibility of the Applicant/Event Organizer and must meet ALL requirements as directed by the City of Apopka. The City reserves the right to increase coverage as determined for higher risk events or activities. This insurance policy must remain in effect throughout the entire duration of the property use beginning with load-in and ending at the conclusion of load-out.

- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.
- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

Start Time 4:00 PM (EDT)

End Time 5:00 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature



Name of Applicant abby hurwitz

Title of Applicant owner

Date Submitted 08/18/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant

Handwritten signature of Abby Hurwitz in black ink.

Name of Applicant

abby hurwitz

Title of Applicant

owner

Sponsoring Organization Name

specialty pop up events



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/13/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hiscox Inc. 5 Concourse Parkway Suite 2150 Atlanta GA, 30328	CONTACT NAME:	
	PHONE (A/C, No, Ext): (888) 202-3007	FAX (A/C, No):
INSURED Specialty Popup Events LLC 2901 Clint Moore Road 194 Boca Raton, FL 33496	E-MAIL ADDRESS: contact@hiscox.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Hiscox Insurance Company Inc	NAIC # 10200
	INSURER B:	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR	Y	Y	P100.282.432.6	05/21/2023	05/21/2024	EACH OCCURRENCE \$ 2,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000						
	MED EXP (Any one person) \$ 5,000						
	PERSONAL & ADV INJURY \$ 2,000,000						
GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC						GENERAL AGGREGATE \$ 2,000,000	
OTHER:						PRODUCTS - COMP/OP AGG \$ S/T Gen. Agg.	
							\$
AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS							COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
UMBRELLA LIAB ☐ EXCESS LIAB							EACH OCCURRENCE \$
							AGGREGATE \$
							\$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		☐ Y ☒ N	N/A				PER STATUTE OTH-ER
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability	Y		P100.279.980.6	05/21/2023	05/21/2024	Each Claim: \$ 2,000,000 Aggregate: \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Specialty Popup Events at Kit Land Nelson Park

CERTIFICATE HOLDER

City of Apopka
120 E Main St.
Apopka, FL 32703

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

Vendor Parking

FIRE &
RESCUE
POLICE

Food truck
round up

Entertainment

ange Street

Check in

BOOTH
SITTERS

ATM

PARKING



City of
APOPKA

City of Apopka

3710 Jason Dwelley Parkway
Apopka, FL 32712

407-703-1784
events@apopka.net
<https://www.apopka.gov>

Registration/Payment Receipt 59936657

08/23/2023 08:38 AM

Account Information

Specialty Pop Up Events LLC
Jason Horwitz
4300 Lake Mary Blvd 1010
#305
Lake Mary, FL 32746

Received By

Carolyn Ray at Northwest Recreation Complex

Item	Balance Due	Amount Paid
Special Event Permit Fee	\$50.00	\$0.00
Change in Balance		\$50.00
Account Balance		\$50.00
<i>(As of 08/23/2023 08:38 AM)</i>		

Applicant must be present for duration of event.

Organization Name	Beracah 1 French Seventh-Day Adventist
Name of Applicant	Dr. Farah Cinous
Mailing Address	1517 Mercy Drive
City	Orlando
State	Florida
Zip Code	32808
Cell Phone	3219453928
Email	fcinous77@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

Yes

State of Florida Tax ID Number 52-0643036

A copy of your 501C3 non-profit certificate is required for non-profit status. Otherwise taxes will be charged.

Please attach a copy of your 501C3 non-profit certificate

File(s) attached:



Beracah I fundraising 501c3 ltr.pdf

Name of the Event Beracah Church Fundraising Festival

Date(s) of the Event 10/29/2023

Hours of the Event 8 hours

Location of the Event Apopka Amphitheater/ Park

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 200

Briefly describe the event and all activities that will occur during the event:

The event is a church fundraising in the style of a fall festival which will include different booths and we will sell food and drink to raise money for the church, different games, children area which might. We will also have a church gospel concert toward the end.

Event Category

- Concert Performance
- Festival/Celebration

Are there flyers or advertisements for this event?

No

Additional Event Information We do not have any flyer until we are secure with the location.

Will there be admission fees to your event?

Yes

Will you be serving alcohol?

No

Is your event open to the public?

Yes

Does your event include food concession?

Yes

Do you intend to have food trucks at your event?

No

Will there be merchandising vending at your event?

No

Will they need electric?

Yes

Additional fees apply for electric use.

Will you be hiring a private security company for the event?

No

Do you require overnight security?

No

Are there musical entertainment features related to your event?

No

Will amplified sound be used during the event?

Yes

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

No

Will inflatables be used at your event?

Yes

Will your event include any fireworks or pyrotechnics?

No

Layout map for event

File(s) attached:



Aug 23, Doc 1.pdf

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date 10/29/2023

Start Time 7:00 AM (EDT)

End Time 10:00 AM (EDT)

Event Dates

Date	10/29/2023
Start Time	10:00 AM (EDT)
End Time	6:00 PM (EDT)

Take Down/Load Out

Date	10/29/2023
Start Time	5:00 PM (EDT)
End Time	6:00 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature



Name of Applicant	Dr. Farah Cinous
Title of Applicant	Events Organizer/ Beracah 1 French Seventh-Day Adventist Health Department Head
Date Submitted	08/23/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

Please provide a copy of your certificate of insurance.

File(s) attached:



SEC - GL COI - Beracah French SDA Church - City of Apopka - 8-17-2023.pdf

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.
- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.
- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

Before activity setup, or any other site activity begins, Applicant/Event Organizer must have a Certificate of Liability Insurance **(including all extensions to the insurance certificate—to also include a copy of the complete insurance policy)** on file with the City's Risk Management Division. The cost of such insurance shall be the responsibility of the Applicant/Event Organizer and must meet ALL requirements as directed by the City of Apopka. The City reserves the right to increase coverage as determined for higher risk events or activities. This insurance policy must remain in effect throughout the entire duration of the property use beginning with load-in and ending at the conclusion of load-out.

- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate

shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.

- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant



Name of Applicant

Dr. Farah Cinous

Title of Applicant

Events Organizer/ Beracah 1 French Seventh-Day Adventist Health Department Head

Sponsoring Organization Name

Southeastern Conference Association of SDA



Southeastern Conference of Seventh-day Adventists

Office of the Secretary

August 21, 2023

Re: **Beracah I Haitian Seventh-day Adventist Church**

To Whom It May Concern:

The Internal Revenue Service has determined that the General Conference of Seventh-day Adventists (General Conference), an unincorporated association, is a 501 (c)(3) organization that is listed on the IRS list of Exempt Organizations. This listing gives the General Conference of Seventh-day Adventists a Code 1 designation, which indicates that it is "(g)enerally, a central organization holding a group exemption letter, whose subordinate units covered by the group exemption are also included as having contributions deductible, even though they are not separately listed."

The Southeastern Conference of Seventh-day Adventists (Southeastern Conference), located at 1701 Robie Avenue, Mount Dora, Florida 32757, and its affiliated churches/entities, is affiliated with the General Conference of Seventh-day Adventists and thus covered by the group exemption (GEN 1071) of the General Conference.

This letter certifies that the Beracah I Haitian SDA Church located 1517 Mercy Drive, Orlando, FL 32808, is affiliated with the Southeastern Conference and thus covered by the same group exemption (GEN 1071) of the General Conference. Although affiliated with the Southeastern Conference, the Beracah I Haitian SDA Church is an unincorporated nonprofit church and therefore, will not be listed on Sunbiz as a corporation. This letter is to be used for the purpose of a cultural event for the church's fundraising construction project.

Your assistance to the Beracah I Haitian SDA Church would be greatly appreciated. If there are any questions, please contact the undersigned directly.

Sincerely,

Pierre Francois
Executive Secretary



CINCINNATI OH 45999-0038

In reply refer to: 0248254921
Jan. 15, 2021 LTR 4167C 0
52-0643036 000000 00
00009691
BODC: TE

GENERAL CONFERENCE OF SEVENTH DAY
ADVENTIST
PARENT ORGANIZATION
12501 OLD COLUMBIA PIKE
SILVER SPRING MD 20904

13619

Employer identification number: 52-0643036
Group exemption number: 1071

Dear Taxpayer:

This is in response to your request dated Jan. 06, 2021, for information about your tax-exempt status.

Our records indicate we issued a determination letter to you in January 1950, and you're currently exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also recognized the subordinates on the list you submitted as exempt from federal income tax under IRC Section 501(c)(3).

For federal income tax purposes, donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106 and 2522.

Because IRC Section 170(c) describes your subordinate organizations, donors can deduct contributions they make to them.

Please refer to www.irs.gov/charities for information about filing requirements. Specifically, IRC Section 6033(j) provides that, if you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked on the filing due date of the third required return or notice.

In addition, each subordinate organization is subject to automatic revocation if it doesn't file a required return or notice for three consecutive years. Subordinate organizations can file required returns or notices individually or as part of a group return.

For tax forms, instructions, and publications, visit www.irs.gov or call 1-800-TAX-FORM (1-800-829-3676).

If you have questions, call 1-877-829-5500 between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific Time).

0248254921
Jan. 15, 2021 LTR 4167C 0
52-0643036 000000 00
00009692

GENERAL CONFERENCE OF SEVENTH DAY
ADVENTIST
PARENT ORGANIZATION
12501 OLD COLUMBIA PIKE
SILVER SPRING MD 20904

Sincerely yours,

Warren R. Burton

Warren R. Burton, Operations Mgr
Accounts Management Operations 1



2023 FLORIDA NOT FOR PROFIT CORPORATION ANNUAL REPORT

FILED
Jan 24, 2023
Secretary of State
9884813339CC

DOCUMENT# 755901

Entity Name: SOUTHEASTERN CONFERENCE ASSOCIATION OF SEVENTH-DAY ADVENTISTS, INCORPORATED

Current Principal Place of Business:

1701 ROBIE AVENUE
MT. DORA, FL 32757

Current Mailing Address:

1701 ROBIE AVENUE MT. DORA, FL 32757

FEI Number: 59-2066139

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

FRANCOIS, PIERRE
1701 ROBIE AVENUE
MT. DORA, FL 32757 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE: PIERRE FRANCOIS

01/24/2023

Electronic Signature of Registered Agent

Date

Officer/Director Detail :

Title PRESIDENT

Name OWUSU, MICHAEL

Address 1701 ROBIE AVE.

City-State-Zip: MT. DORA FL 32757

Title SECRETARY

Name FRANCOIS, PIERRE

Address 1701 ROBIE AVE.

City-State-Zip: MT. DORA FL 32757

Title TREASURER

Name CHARLES, EMMANUEL

Address 1701 ROBIE AVENUE

City-State-Zip: MT. DORA FL 32757

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 617, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: PIERRE FRANCOIS

SECRETARY

01/24/2023

Electronic Signature of Signing Officer/Director Detail

Date



CERTIFICATE OF LIABILITY INSURANCE

Date (MM/DD/YYYY)
8/17/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Adventist Risk Management, Inc. 12501 Old Columbia Pike Silver Spring, MD 20904	CONTACT NAME: Job Mairura PHONE (A/C, No. Ext): 301-453-6918 FAX (A/C, No): E-MAIL ADDRESS: JMairura@adventistrisk.org														
INSURED General Conference Corporation of Seventh-day Adventists, et al Southeastern Conference Assoc of SDA 1701 Robie Ave. Mt. Dora, FL 32757-6339	<table border="1"><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: GENCON INSURANCE COMPANY OF VERMONT</td><td>10594</td></tr><tr><td>INSURER B:</td><td></td></tr><tr><td>INSURER C:</td><td></td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: GENCON INSURANCE COMPANY OF VERMONT	10594	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER B:															
INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY	X		GL300690-07	03/01/2023	03/01/2024	EACH OCCURRENCE \$ 1,000,000
	☐ CLAIMS- MADE ☒ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ N/A
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS-COMP/OP AGG \$ N/A
	OTHER						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	☐ ANY AUTO						BODILY INJURY (Per Person) \$
	☐ OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
	☐ HIRED AUTOS ONLY						PROPERTY DAMAGE (Per accident) \$
	☐ SCHEDULED AUTOS						\$
	☐ NON-OWNED AUTOS ONLY						\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	☐ OCCUR						AGGREGATE \$
	EXCESS LIAB						\$
	☐ CLAIMS-MADE						\$
	DED ☐ RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE ☐ OTH-ER ☐
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

City of Apopka is additional insured as respects, liability arising out of the use of premises for cultural day event located at Apopka Amphitheater, 3710 Jason Dwelley Pkwy, Apopka, FL 32712, on 10/29/2023 - Sponsored by Beracah I French Seventh-Day Adventist Church

CERTIFICATE HOLDER

CANCELLATION

City of Apopka 120 E Main Street Apopka, FL 32703	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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Insurance Company of Vermont

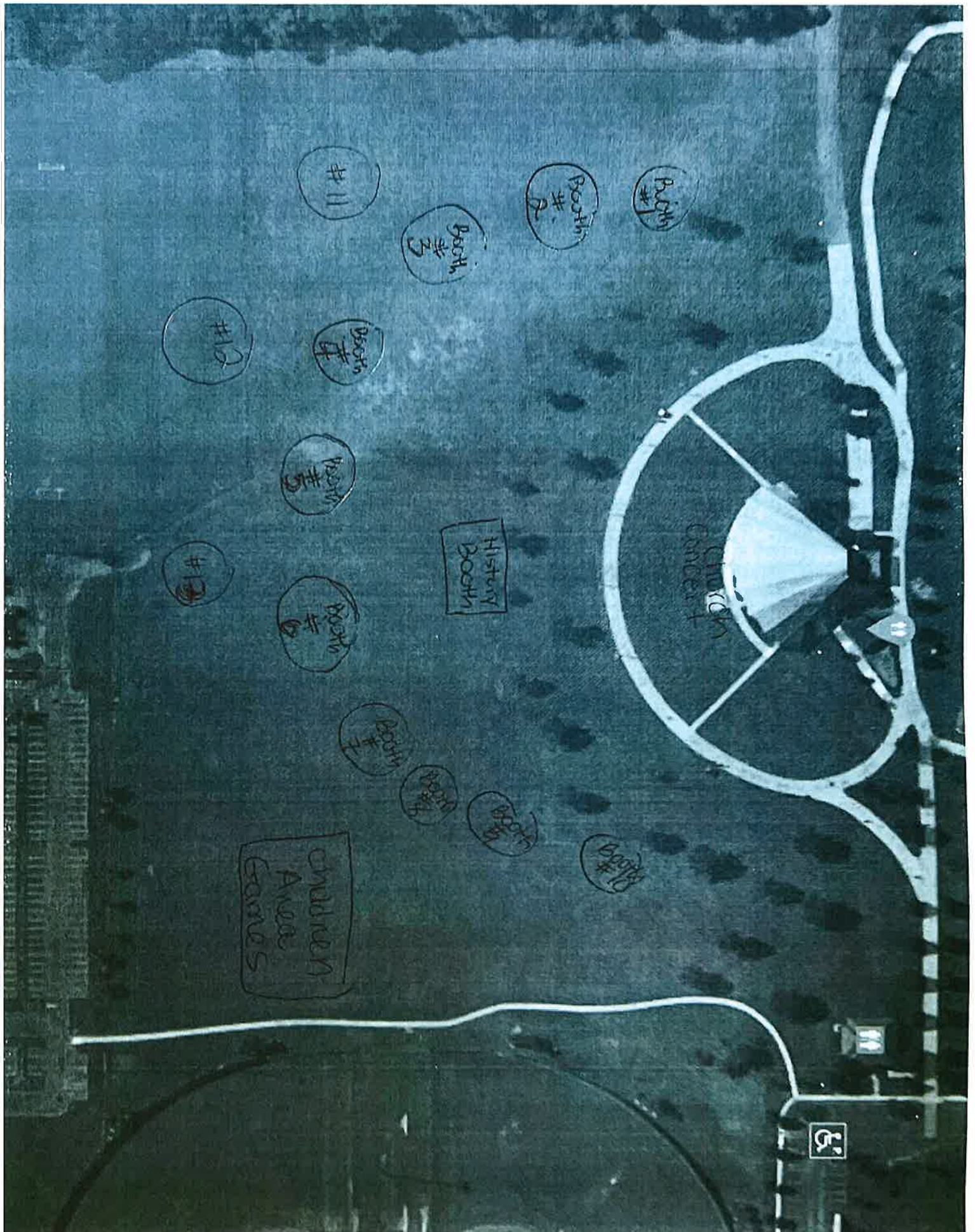
126 College Street, Suite 400, Burlington, Vermont 05401
(802) 860-1958

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – LESSORS OR PROPERTY MANAGER

This endorsement modifies the Commercial General Liability Coverage Part

- A. Section II – Who is An Insured is amended to include lessors or property manager as an additional insured but only with respect to liability arising out of the ownership, maintenance or use of that part of the premises leased, hired or otherwise temporarily used by you caused in whole or part by:
1. Your acts or omissions; or
 2. The acts or omission of those acting on your behalf;
- in the performance of your ongoing operations or activities.
- B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:
- This insurance does not apply to “bodily injury” or “property damage” occurring after:
1. Any occurrence which takes place after you cease to be a tenant in that premises.



- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
- Event Description
- A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
- A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
- A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
- Letter from the property owner granting permission for use of their property. (if on private property)
- If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
- Copies of flyers and advertisements.
- Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

12/2/23
Jingle
Mingle
WeWa

Applicant must be present for duration of event.

Organization Name Epilepsy Association of Central Florida

Name of Applicant Ceil Layfield

Mailing Address 109 N Kirkman Rd

City Orlando

State Florida

Zip Code 32811

Cell Phone 4072523772

Email ceil@epilepsyassociation.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

Yes

State of Florida Tax ID Number 23-7247844

A copy of your 501C3 non-profit certificate is required for non-profit status. Otherwise taxes will be charged.

Please attach a copy of your 501C3 non-profit certificate

File(s) attached:



Certificate of Exemption 2019-2024.pdf

Name of the Event Jingle, Mingle Tree Festival

Date(s) of the Event December 2, 2022

Hours of the Event 4:00pm to 8:30pm

Location of the Event Camp WeWa 221 South Binion Road Apopka, FL 32803

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 200

Briefly describe the event and all activities that will occur during the event:

The Jingle, Mingle Tree Festival truly kicks off the holiday season with over 50 trees, and 20 wreaths beautifully decorated by businesses and individuals for auction. Raffle packages with seasonal items will be available. Santa will make a special appearance to visit with everyone. Holiday fare will be served, as well as s'mores by the campfire. Seasonal music and carolers will join in the festivities. There will be a few selfie stations for those Kodak moments.

Event Category

- Festival/Celebration

Are there flyers or advertisements for this event?

Yes

Attach Flyer or Advertisement 1 *File(s) attached:*



Join us for Holiday Family Fun and Tree Festival (002).docx

Additional Event Information Security will be provided.

Will there be admission fees to your event?

No

Will you be serving alcohol?

Yes

If yes for serving alcohol, a copy of your liquor license & insurance is required.

City Council approval is also required.

Is your event open to the public?

Yes

Does your event include food concession?

Yes

Do you intend to have food trucks at your event?

No

Will there be merchandising vending at your event?

Yes

How many vendors? 1

Will they need electric?

No

Will you be hiring a private security company for the event?

No

Do you require overnight security?

No

Are there musical entertainment features related to your event?

Yes

Please attach a list of all stage performance schedules.

Please attach a list of all stage performance schedules.

File(s) attached:

 Jingle Mingle Entertainment.docx

Will amplified sound be used during the event?

Yes

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

No

Will inflatables be used at your event?

No

Will your event include any fireworks or pyrotechnics?

No

Layout map for event

File(s) attached:

 Layout for Jingle Mingle.pdf

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date 12/02/2023

Start Time 8:00 AM (EDT)

End Time 3:30 PM (EDT)

Event Dates

Date 12/02/2023

Start Time 4:00 PM (EDT)

End Time 8:30 AM (EDT)

Take Down/Load Out

Date 12/02/2023

Start Time 9:00 PM (EDT)

End Time 10:30 PM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature

.

Name of Applicant

David Manchon

Title of Applicant

Executive Director

Date Submitted

08/25/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

Please provide a copy of your certificate of insurance.

File(s) attached:



Jingle Mingle Certificate_of_Insurance335613.PDF

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.

- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.
- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

Before activity setup, or any other site activity begins, Applicant/Event Organizer must have a Certificate of Liability Insurance **(including all extensions to the insurance certificate—to also include a copy of the complete insurance policy)** on file with the City's Risk Management Division. The cost of such insurance shall be the responsibility of the Applicant/Event Organizer and must meet ALL requirements as directed by the City of Apopka. The City reserves the right to increase coverage as determined for higher risk events or activities. This insurance policy must remain in effect throughout the entire duration of the property use beginning with load-in and ending at the conclusion of load-out.

- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.
- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant

A handwritten signature in black ink, appearing to read 'D. Manchon', written over a horizontal line.

Name of Applicant

David Manchon

Title of Applicant

Executive Director

Sponsoring Organization Name

Epilepsy Association of Centra Florida



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/02/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER HCC Specialty 401 Edgewater Place, Suite 400 Wakefield, MA 01880	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:	FAX (A/C, No):																					
INSURED The Epilepsy Association of Central Florida, Inc. 109 N Kirkman Rd. Suite 119 Orlando, FL 32811	<table border="1"><thead><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A:</td><td>U.S. Specialty Insurance Company</td><td>29599</td></tr><tr><td>INSURER B:</td><td>United States Fire Insurance Company</td><td>21113</td></tr><tr><td>INSURER C:</td><td></td><td></td></tr><tr><td>INSURER D:</td><td></td><td></td></tr><tr><td>INSURER E:</td><td></td><td></td></tr><tr><td>INSURER F:</td><td></td><td></td></tr></tbody></table>		INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	U.S. Specialty Insurance Company	29599	INSURER B:	United States Fire Insurance Company	21113	INSURER C:			INSURER D:			INSURER E:			INSURER F:		
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INSURER F:																							

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY	X		U23SE12368	08/25/2023	12/05/2023	EACH OCCURRENCE \$ 1,000,000
	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Liquor Liability* \$1M/\$1M						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000
B	☒ Medical Expense			US1934555	08/25/2023	12/05/2023	PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							
	☒ POLICY ☐ PRO-JECT ☐ LOC						
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS						
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE						EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	DEDUCTIBLE RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ☐ ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATU-TORY LIMITS ☐ OTH - ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The Certificate Holder is added as Additional Insured with respects to our Insured's operations only.
This insurance is primary and non-contributory as required by written contract.
This coverage is with respect to Jingle Mingle event to be held 12/02/2023 - 12/02/2023 at City of Apopka Camp Wewa Apopka FL.

CERTIFICATE HOLDER City of Apopka 120 E Main St. Apopka, FL 32703	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--

↑ Porch Entrance ↑
(Seating on Porch)

SELFIE STATION

Refreshments
and cookies

Keyboard

Fire Place
Sofa
Tree
Red Carpet

Tree Auction

Dining Room

Tree Auction

Tree Auction

Store
check out

↑ Entrance

Red Carpet

Wreaths and
Other Auction Items

Raffle

Raffle

0000081 08/17/19



Issued
Florida

Consumer's Certificate of Exemption

DR-14
R. 01/18
Pursuant to Chapter 212,
Statutes.

85-8012627575C-6	11/30/2019	11/30/2024	501 ORGANIZATION
Certificate Number	Effective Date	Expiration Date	Exemption Category

This certifies that

THE EPILEPSY ASSOCIATION OF
CENTRAL FLORIDA INC 109 N KIRKMAN RD
ORLANDO FL 32811-1403

is exempt from the payment of Florida sales and use tax on real property rented, transient rental property rented, tangible personal property purchased or rented, or services purchased.

R. 01/18

Important Information for Exempt Organizations

DR-14

FLORIDA

- You must provide all vendors and suppliers with an exemption certificate before making tax-exempt purchases.
See Rule 12A-1.00, Florida Administrative Code (F.A.C.).
- Your Consumer's Certificate of Exemption is to be used solely by your organization for your organization's customary nonprofit activities.
- Purchases made by an individual on behalf of the organization are taxable, even if the individual will be reimbursed by the organization.
- This exemption applies only to purchases your organization makes. The sale or lease to others of tangible personal property, sleeping accommodations, or other real property is taxable. Your organization must register, and collect and remit sales and use tax on such taxable transactions. Note: Churches are exempt from this requirement except when they are the lessor of real property (Rule 12A-1.070, F.A.C.).
- It is a criminal offense to fraudulently present this certificate to evade the payment of sales tax. Under no circumstances should this certificate be used for the personal benefit of any individual. Violators will be liable for

payment of the sales tax plus a penalty of 200% of the tax, and may be subject to conviction of a third-degree felony. Any violation will require the revocation of this certificate.

6. If you have questions about your exemption certificate, please call Taxpayer Services at 850-488-6800. The mailing address is PO Box 6480, Tallahassee, FL 32314-6480.



LAW ENFORCEMENT EXTRA DUTY REQUEST

- ☐ **New Vendor (Must completely fill out form)**
☐ **Existing Vendor (Only need to fill out name and dates required and any updated information)**

Business/Vendor Name: Epilepsy Association of Central Florida, Inc.
Business/Vendor Address: 109 North Kirkman Road Orlando, Florida 32811
Business/Vendor Phone: 407-4221416 Fax: 407-423-0417
Vendor Type: (i.e. Financial, Construction, Funeral Home, Individual etc.) Health Non -Profit
Primary Contact Name: David Manchon Contact Phone: 407-422-1416 Ext. 101
Email Address: david@epilepsyassociation.com
Billing Contact Name: Same As Above Contact Phone: Same As Above
Email Address: david@epilepsyassociation.com
Location of Security Detail: Camp WeWa 201 South Binion Road Apopka Florida 32703
Estimated Number of Attendees: 200
Duties Requested at Detail:
☐ Escort ☒ Security ☐ Traffic Control ☐ Law Enforcement
☐ Patrol ☐ Other (Describe): _____

Is Alcohol Being Served? ☐ No ☒ Yes (if so, a copy of the alcohol permit must be submitted with this form)

READ AND UNDERSTAND THE FOLLOWING REQUIREMENTS:

Approval of employment activities will not be given, where in the judgment of the police chief, the extra-duty or extra-duty employment would be incompatible with the proper discharge of employment duties or would tend to impair, or appear to impair, independent judgment or action in the performance of one's duties.

No extra-duty job or outside employment will be authorized if a potential employer places any restrictions of race, color, gender, or national origin on who may work the job.

Licensed Liquor Establishments or locations where alcohol is being served: (Bar establishments and not a licensed restaurant where the bar is de minimus to the sale of food.)

[illegible]


Vendor Signature

Epilepsy Association
Vendor Name Printed of
Central Florida

8/17/2023
Date

Approved by Extra-Duty Coordinator
or Police Chief

Date _____

- 11/18/23
5K Route/Race
- Completed Special Event Permit Application (Online Form or print form can be requested at events@apopka.net).
 - Event Description
 - A non-refundable application fee of \$50.00 or completed application for waiver of permit fee is due when application is submitted. *Staff will contact you about this step.*
 - A certificate of general liability insurance listing the "City of Apopka" as 'Additional Insured' must be submitted. Copy of the declaration sheet and endorsement page must be included. Additional insurance may be required, please see the event insurance requirements.
 - A site plan (Map) or Parade/Race Route **MUST** be submitted with your application. Map must identify location of staging, tents, parking, barricades, vendors, and restrooms and must be to scale.
 - Letter from the property owner granting permission for use of their property. (if on private property)
 - If alcohol will be served at your event you must include the alcohol permit and insurance with the completed permit
 - Copies of flyers and advertisements.
 - Policies and protocols in regards to CDC Guidelines/COVID-19 & social distancing

Applicant must be present for duration of event.

Organization Name Reyes Fitness Professionals

Name of Applicant Andrew Reyes

Mailing Address 1070 Montgomery Road #2286

City Altamonte Springs

State FL

Zip Code 32714

Cell Phone 3214415943

Email theoakcommunityinfo@gmail.com

Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?

No

State of Florida Tax ID Number 82-4767154

Name of the Event Turkey Trot

Date(s) of the Event 11/18/23

Hours of the Event 7AM-11AM

Location of the Event Northwest Recreation Complex- 5k Pavilion

Does the location of the event take place on Public or Private Property?

Yes

Anticipated attendance: 50

Briefly describe the event and all activities that will occur during the event: Fitness Event

Event Category • Other

Please specify Organized Fitness Event

Are there flyers or advertisements for this event?

No

Will there be admission fees to your event?

No

Will you be serving alcohol?

No

Is your event open to the public?

Yes

Does your event include food concession?

No

Do you intend to have food trucks at your event?

No

Will there be merchandising vending at your event?

No

Will they need electric?

No

Will you be hiring a private security company for the event?

No

Do you require overnight security?

No

Are there musical entertainment features related to your event?

No

Will amplified sound be used during the event?

Yes

Will any streets be closed or will the flow of traffic be affected by the event?

No

Does your event include the use of tents?

Yes

Please indicate tent location & size on layout. Permits and ground locates may be required.

What size of tents? 10x10

Will inflatables be used at your event?

No

Will your event include any fireworks or pyrotechnics?

No

Date/Time (on site load in and load out)

For events that are held on City Property, set up days and load out days may require additional fees.

Setup/Load In

Date 11/18/2023

Start Time 6:00 AM (EDT)

End Time 7:00 AM (EDT)

Event Dates

Date 11/18/2023

Start Time 7:00 AM (EDT)

End Time 10:00 AM (EDT)

Take Down/Load Out

Date 11/18/2023

Start Time 10:00 AM (EDT)

End Time 11:00 AM (EDT)

I, Being the Applicant/Event Organizer, have read and understand the guidelines contained within the City of Apopka's Special Event Permit Application and agree to conduct my event in accordance. I further understand that failure to abide by these guidelines may result in the denial or forfeiture of my Special Event Permit.

The City of Apopka is not responsible for lost, stolen or damaged items.

I acknowledge that the information contained in this application is true, correct, and complete to the best of my knowledge.

Applicant Signature

A handwritten signature in black ink, appearing to be 'AJR' with a stylized flourish.

Name of Applicant Andrew J. Reyes

Title of Applicant Owner

Date Submitted 08/25/2023

The Applicant/Event Organizer shall maintain at all times throughout the duration of the event, a current insurance policy naming the City of Apopka as an additional insured providing coverage for all approved event activities and must be active on the date(s) of the event, including the set-up and break-down period. Failure to provide proof of adequate coverage will result in the denial of the special event permit or cancellation of the event. The City may require subcontractors acting on behalf of the Applicant/Event Organizer to provide proof of insurance or other related documents depending on the scope or location of the event.

- Comprehensive listing of all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers must be submitted no later than forty-five (45) business days prior to the event.
- All certificates of insurance, required extensions to said insurance certificates, copies of insurance policies and insurance agreements must be submitted no later than thirty (30) business days prior to the event.

If insurance requirements are not met at least twenty (20) business days prior to the date of the event, your event will be cancelled!

Please provide a copy of your certificate of insurance.

File(s) attached:



Insurance- City of Apopka.pdf

The City of Apopka defines an Applicant/Event Organizer as any individual or organization that is responsible for all aspects of an event to include advertising, marketing, talent costs, insurance, hold harmless agreement contracts, along with all the revenues and expenses for the event. The Applicant/Event Organizer agrees to conduct this event in accordance with the City of Apopka Code of Ordinances (Chapters 46 and 62).

REQUIREMENTS

- Applicant/Event Organizer recognizes the City's authority to halt the operation of the above listed event due to inclement weather or any other safety concern that may arise.
- The City is not responsible or liable for any damage, loss or theft to any vendor or event participant.
- Applicant/Event Organizer agrees that the City may use photographic images and video taken at the event in promotions and publications. These images may be used online or provided to media outlets and/or used in social media applications.

INSURANCE

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- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability insurance, with minimum policy limits of \$1,000,000 Combined Single Limits, or to the extent and in

such amounts as required and authorized by Florida Law. If such GL insurance contains a general aggregate limit, it shall apply separately to this event in the amount of \$2,000,000. Products and completed operations aggregate shall be \$1,000,000. Damage to rented premises shall be included at \$100,000. The event Applicant/Event Organizer and their representatives who wish to drive on City property to set up or tear down for events, and/or Food Trucks and/or any vehicle that functions as the workplace or is used to perform contracted work must provide an Automobile Liability insurance policy in the minimum amount of \$300,000 Combined Single Limit. If alcohol is being served, the Applicant/Event Organizer shall provide evidence of coverage for liquor liability in the minimum amount of \$1,000,000. The insurance policy must not exclude Personal Injury/Advertising Injury, Medical, volunteer coverage or spectator liability.

- All insurance policies shall: 1) provide that the insurance carrier shall not cancel, terminate or otherwise modify the terms and conditions of said policies except upon thirty days written notice to the City's contract administrator; 2) be evidenced by an endorsed Certificate of Insurance generated and executed by a licensed insurance broker, brokerage, or similar licensed insurance professional evidencing such coverage, and naming the City of Apopka as a named additional insured, as well as furnishing the City with a certified copy, or copies, of said insurance policies; and 3) be approved as to form and sufficiency by the City's contract administrator. The original insurance certificate(s) and all extensions to the insurance certificate(s) should be sent to: City of Apopka, Risk Management, 120 East Main Street, Apopka, FL 32703 or e-mailed to riskmanagement@apopka.net. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII.
- Applicant/Event Organizer is solely responsible for all applicable policy premiums, deductibles, and/or self-insured retention attached to any required coverages. Said insurance coverages procured by the Applicant/Event Organizer as required herein, including but not limited to any excess and/or umbrella coverages, shall be considered, and the Applicant/Event Organizer agrees that said insurance coverages it procures as required herein shall be considered, as primary insurance over and above any other insurance, or self-insurance, available to the City, and that any other insurance, or self-insurance available to the City shall be considered secondary to, or in excess of, the insurance coverage(s) procured by the Applicant/Event Organizer as required herein.
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer shall have no endorsement(s) restricting, limiting or excluding the subcontractors or work on behalf of the Applicant/Event Organizer by a subcontractor. The Certificate of Insurance submitted by the Applicant/Event Organizer must clearly state that all such subcontractors are "Named Insureds".

Nothing herein shall be construed to extend the City of Apopka's liability beyond that provided in section 768.28, Florida Statutes.

By signing below, I acknowledge that I have read and understand the insurance requirements contained herein. I further understand that my permit application may be declined if I fail to provide the appropriate insurance coverage.

Signature of Applicant



Name of Applicant Andrew J. Reyes

Title of Applicant Owner

Sponsoring Organization Name The Oak



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/13/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Canopy PO Box 34833 North Chesterfield VA 23234		CONTACT NAME: Insurance Canopy Program Support PHONE (A/C, No, Ext): 844-520-8993 E-MAIL ADDRESS: info@insurancecanopy.com FAX (A/C, No): 801-763-1374	
INSURED Reyes Fitness Professionals, DBA The Oak 1070 Montgomery Road #2286 Altamonte Springs FL 32714		INSURER(S) AFFORDING COVERAGE INSURER A: Great American Alliance Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☒ CLAIMS-MADE ☐ OCCUR	☒	PLE835233-CPT105786	02/20/2023	02/20/2024	EACH OCCURRENCE \$ 2,000,000
		DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000				
		MED EXP (Any one person) \$ 5,000				
		PERSONAL & ADV INJURY \$ INCLUDED				
	GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC					GENERAL AGGREGATE \$ 3,000,000
						PRODUCTS - COM/OP AGG \$ 3,000,000
						ANIMAL BAILLEE \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS	☐				COMBINED SINGLE LIMIT (Ea accident) \$
	☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS	☐				BODILY INJURY (Per person) \$
		☐				BODILY INJURY (Per accident) \$
		☐				PROPERTY DAMAGE (Per accident) \$
		☐				\$
	UMBRELLA LIAB ☐ EXCESS LIAB ☐ DED ☐ RETENTION \$	☐				EACH OCCURRENCE \$
	☐ OCCUR ☐ CLAIMS-MADE	☐				AGGREGATE \$
		☐				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/ MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	☐				WC STATUTORY LIMITS OTHER
		☐				E L EACH ACCIDENT \$
		☐				E L DISEASE - EA EMPLOYEE \$
		☐				E L DISEASE - POLICY LIMIT \$
A	Professional Liability	☒	PLE835233-CPT105786	02/20/2023	02/20/2024	INCLUDED

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
It is understood and agreed that the Certificate Holder is named as Additional Insured per attached CG 20 26 - Additional Insured - Designated Person or Organization subject to all policy terms, conditions, and exclusions.

CERTIFICATE HOLDER City of Apopka 120 East Main Street Apopka FL 32712	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	---

ACORD 25 (2014/01)
INS025 (201401)

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

Schedule

Name of Additional Insured Person(s) or Organization(s):

City of Apopka

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. SECTION II - WHO IS AN INSURED is amended to include as an Additional Insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury," "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

1. in the performance of your ongoing operations; or
2. in connection with your premises owned by or rented to you.

However:

1. the insurance afforded to such additional insured only applies to the extent permitted by law; and
2. if coverage provided to the Additional Insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these Additional Insureds, the following is added to SECTION III – LIMITS OF INSURANCE:

If coverage provided to the Additional Insured is required by a contract or agreement, the most we will pay on behalf of the Additional Insured is the amount of insurance:

1. required by the contract or agreement; or
2. available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

AN ORDINANCE OF THE CITY OF APOPKA, FLORIDA, AMENDING THE FUTURE LAND USE ELEMENT OF THE APOPKA COMPREHENSIVE PLAN OF THE CITY OF APOPKA; REPEALING POLICY 3.1.h.ii, HIGH DENSITY RESIDENTIAL-25, PROVIDING FOR SEVERABILITY; AND FOR AN EFFECTIVE DATE.

WHEREAS, the City Council adopted Ordinance No. 2747 on May 6, 2020, creating Future Land Use Element Policy 3.1.h.ii, which created a new future land use designation, High Density Residential-25 (HDR-25), which permits up to a maximum 25 dwelling units per acre; and

WHEREAS, the City of Apopka's Local Planning Agency (Planning Commission) has, in preparation of the amended version of the Apopka Comprehensive Plan, analyzed the proposed amendment pursuant to Chapter 163, Part II, F.S., found it to be consistent with the intent of the Apopka Comprehensive Plan, and held public hearings providing for full public participation.

Section I: The City of Apopka hereby amends the Future Land Use Element of the adopted Comprehensive Plan as follows:

Section II: This Ordinance shall become effective following adoption and upon issuance by the Department of Economic Opportunity or the Administration Commission, as may be applicable, a final order finding the amendment to be in compliance in accordance with Chapter 163.3184.

Section IV: That all ordinances or parts of ordinances in conflict herewith are hereby repealed.

ORDINANCE NO. 3023

PAGE 2

1 **Section V:** This Ordinance shall become effective upon issuance of a final order by the
2 Florida Department of Economic Opportunity finding the plan amendment in compliance in
3 accordance with s.163.3184 (2)(a), Florida Statute.

4
5 ADOPTED at a regular meeting of the City Council of the City of Apopka, Florida, this
6 _____ day of _____, 2023.

READ FIRST TIME:

READ SECOND TIME AND
ADOPTED:

ATTEST:

Susan Bone, City Clerk

Bryan Nelson, Mayor

Approved as to form and legal sufficiency:

Cliff Shepard, City Attorney

DULY ADVERTISED FOR PUBLIC HEARING:

EXHIBIT “A”

Policy 3.1.h. Proposed Amendment

Future Land Use Element, Apopka Comprehensive Plan

i. High Density Residential – 15 (HDR-15)

The primary use shall be residential dwelling units up to 15 dwelling units per acre; elementary schools; middle schools, high schools; supporting infrastructure of less than five acres.

Special exception uses shall include:

- (1) Institutional uses of ten acres or less;
- (2) Supporting infrastructure and public facilities of five acres or more;

Planned Development uses may include:

- (1) All primary uses
- (2) All special exception uses
- (3) Retail commercial uses at a rate not in excess of 50 square feet of gross floor area per residential unit in the PUD. Commercial uses must be completely internalized within the PUD.
- (4) Other uses deemed compatible with and complementary to the other proposed master planned uses and the surrounding neighborhoods

ii. ~~High Density Residential – 25 (HDR-25)~~

~~The primary use shall be residential dwelling units with a minimum of 15 units per acre up to a maximum of 25 dwelling units per acre; elementary schools; middle schools, high schools; supporting infrastructure of less than five acres. The HDR-25 Designation may be assigned to properties located within the geographical areas delineated within Maps 1-1.a to 1-1.d. through a Future Land Use Map Amendment. Properties assigned the HDR-25 Designation must have access to a collector or arterial road, or planned as a component of a pedestrian-oriented, mixed-use master plan with internal “complete street” connectivity. Only properties located inside an HDR-25 edibility area, as delineated in Maps 1-1.a to 1-1.d, are eligible to be assigned this designation through a Future Land Use Map amendment.~~

~~Special exception uses shall include:~~

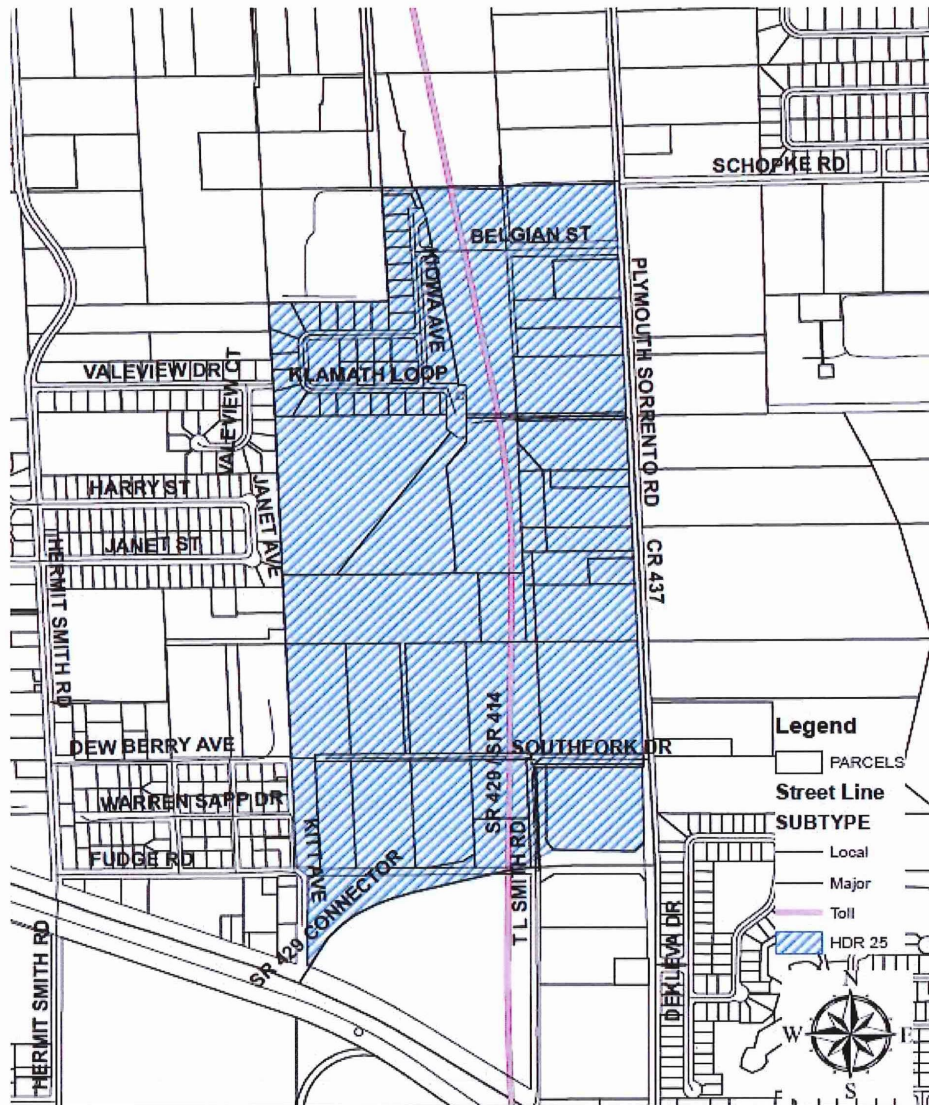
- ~~(1) Institutional uses of ten acres or less;~~
- ~~(2) Supporting infrastructure and public facilities of five acres or more;~~

~~Planned Development uses may include:~~

- ~~(1) All primary uses~~
- ~~(2) All special exception uses~~
- ~~(3) Retail commercial uses at a rate not in excess of 50 square feet of gross floor area per residential unit in the PUD. Commercial uses must be completely internalized within the PUD.~~
- ~~(4) Other uses deemed compatible with and complementary to the other proposed master planned uses and the surrounding neighborhoods.~~

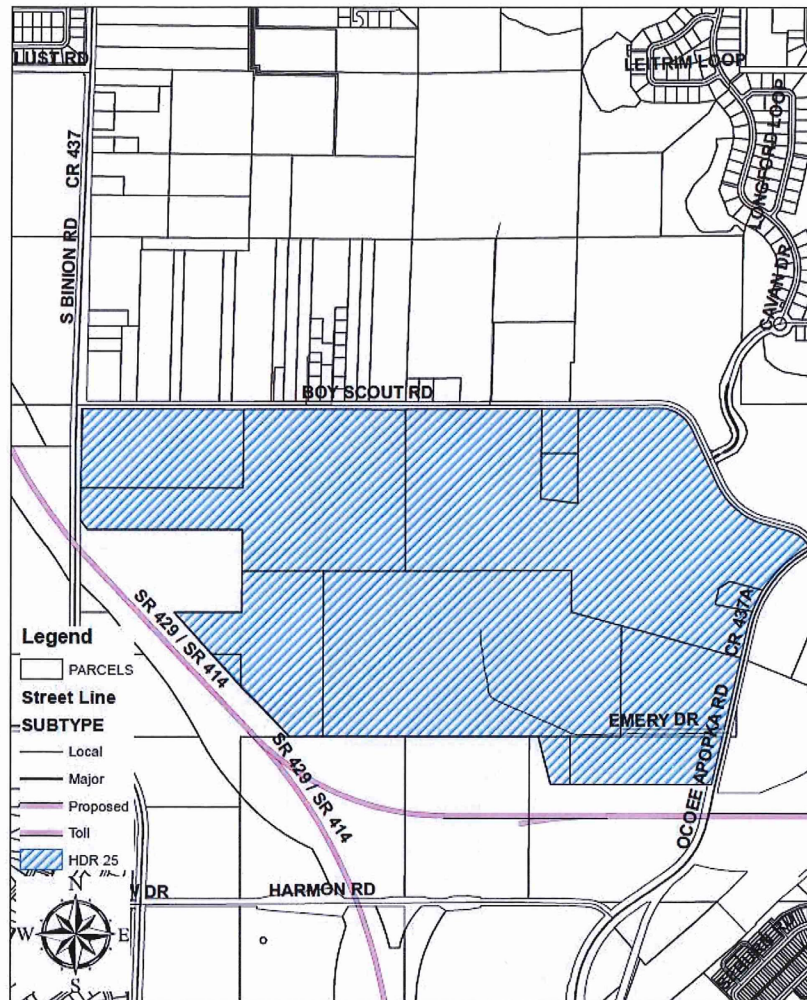
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Map 1-1.a: Policy 3.1.h.ii
S.R. 429 / U.S. 441 Area
 (Ord. No. 2747; May 6, 2020)
 (Map delineates areas eligible for designation as
 HDR-25 through a Future Land Use Amendment.)



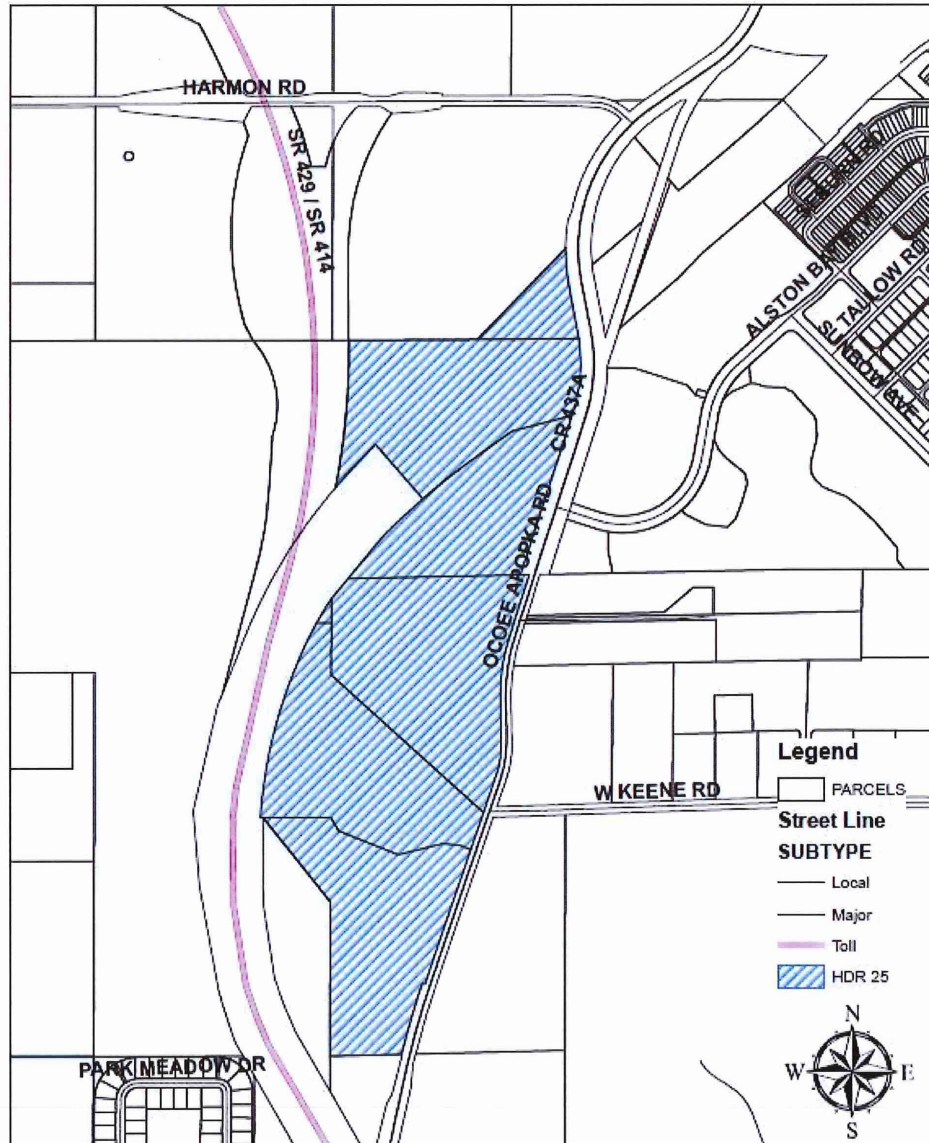
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Map 1-1.b: Policy 3.1.h.ii
East Shore Parkway Area
(Ord. No. 2747, May 6, 2020)
(Map delineates areas eligible for designation as
HDR-25 through a Future Land Use Amendment.)



DELETE

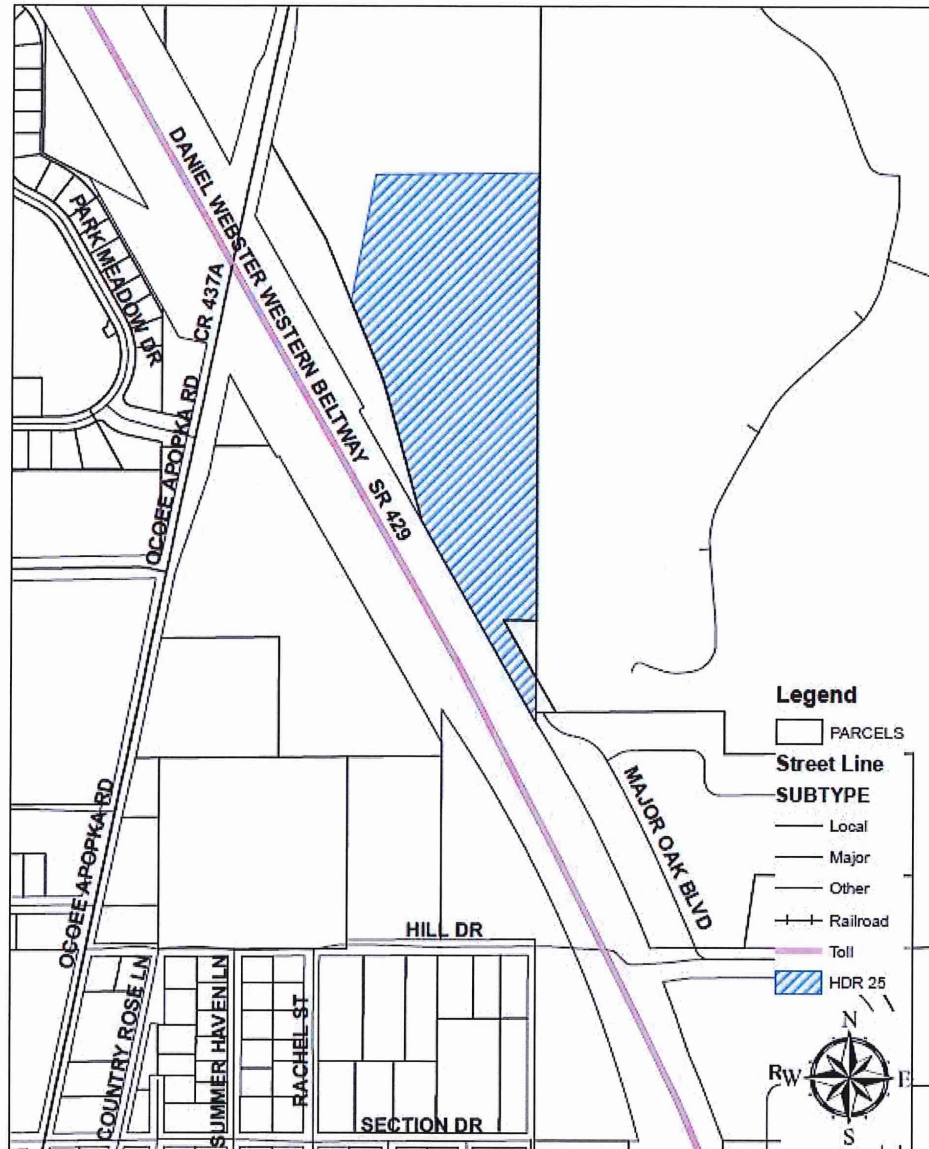
Map 1-1.c: Policy 3.1.h.ii
East Shore New Market Area
(Ord. No. 2747; May 6, 2020)
(Map delineates areas eligible for designation as
HDR-25 through a Future Land Use Amendment.)



1-125

DELETE

Map 1-1.d: Policy 3.1.h.ii
Oak Pointe North Area
(Ord. No. 2747; May 6, 2020)
(Map delineates areas eligible for designation as
HDR-25 through a Future Land Use Amendment.)



MAJOR DEVELOPMENT PLAN FOR NEW BEHAVIORAL HEALTH HOSPITAL - ORLANDO HEALTH JV

APOPKA, FLORIDA

REVIEW DOCUMENTS

GENERAL INFORMATION

PROPERTY OWNER

Chu Mu Ching
5355 Lake Lizzie Dr
Saint Cloud, FL 34771
Contact: karrymuching@gmail.com
Phone: 717-701-9777

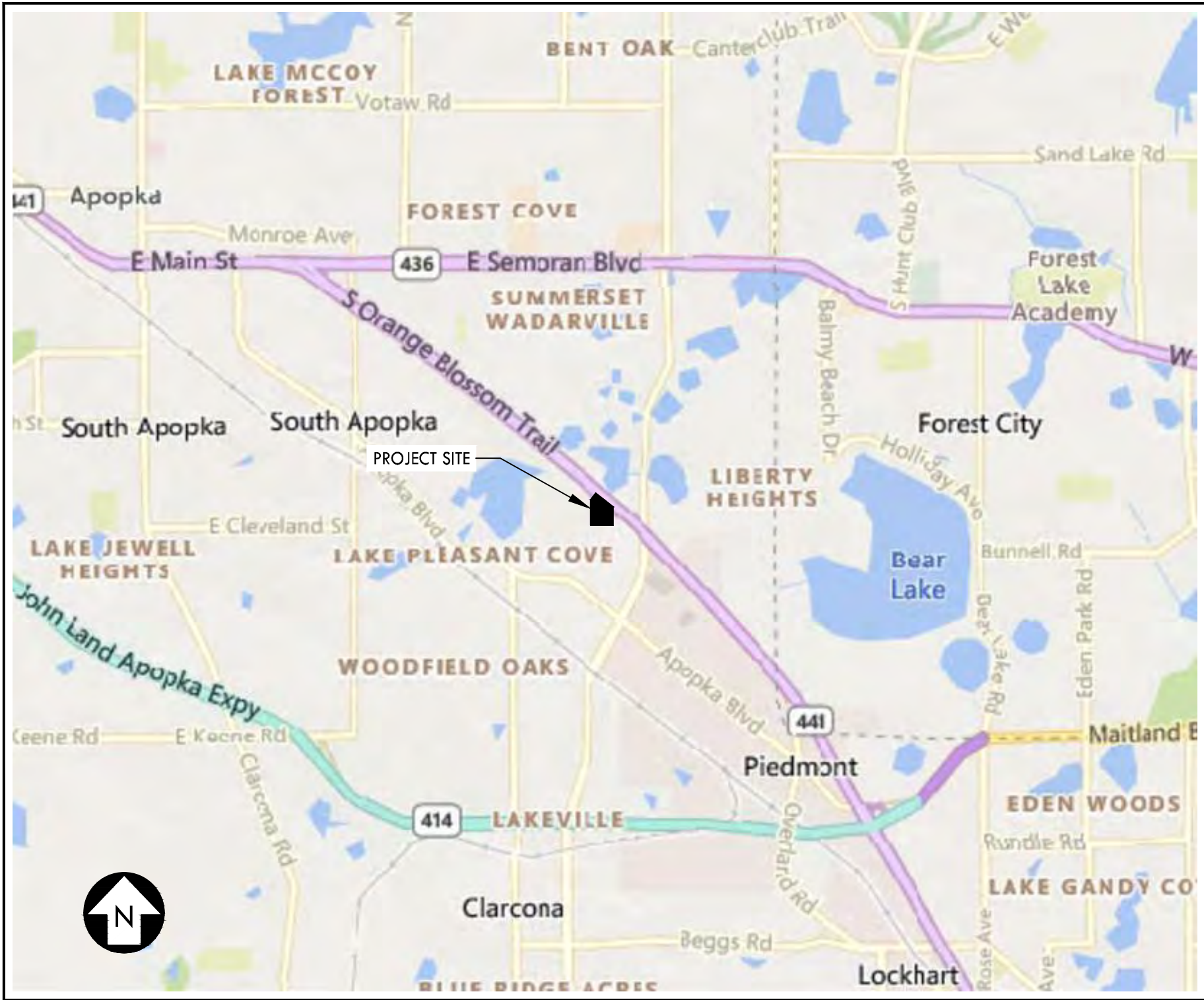
CIVIL ENGINEER

Crunk Engineering LLC
7112 Crossroads Boulevard, Suite 201
Brentwood, TN 37027
Contact: Adam Crunk, PE
Phone: 615.873.1795
Email: adam@crunkeng.com

PROJECT DESCRIPTION: CONSTRUCTION OF A NEW 2-STORY, 144 BED BEHAVIORAL HEALTH HOSPITAL LOCATED ON S ORANGE BLOSSOM TRAIL. THE PROJECT WILL INCLUDE THE INSTALLATION OF ASSOCIATED PARKING AND UTILITIES TO SERVE THE PROPOSED HOSPITAL. STORMWATER MANAGEMENT FACILITIES ARE PROPOSED TO PROVIDE STORMWATER QUANTITY AND QUALITY MEASURES.

PROPERTY INFORMATION

1452 S ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
PID:13-21-28-0000-00-019

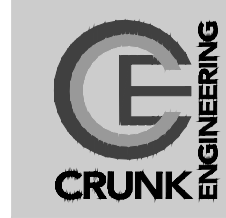


LOCATION MAP
NOT TO SCALE

SITE DATA TABLE		
SITE ACREAGE: 10.34		
EXISTING ZONING: AGRICULTURAL GRAZING OR VACANT		
PROPOSED ZONING: C-R REGIONAL COMMERCIAL		
PROPOSED USE: HOSPITAL		
BUILDING SETBACKS:		
ACTUAL:		
FRONT = 427 FT		
REAR = 104 FT		
LEFT SIDE = 159 FT		
RIGHT SIDE = 139 FT		
REQUIRED:		
FRONT = 15 FT MIN		
REAR = 10 FT MIN / 30 FT MIN WHEN ADJACENT TO A RESIDENTIAL USE OR A RESIDENTIAL DISTRICT		
SIDE = 10 FT MIN		
MAXIMUM BUILDING HEIGHT: 35 FT		
TOTAL BUILDING SQ-FT = 99,497		
FLOOR AREA RATIO = 99,497 SQ-FT / 450,070 SQ-FT = .221		
REQUIRED PARKING: 1.2 SPACES / BED		
PROVIDED PARKING:		
REGULAR SPACES = 162		
A.D.A SPACES = 6		
TOTAL SPACES = 168		
IMPERVIOUS AREA TO TOTAL AREA COVERAGE CALCULATIONS:		
4.16 IMPERVIOUS ACRES / 10.34 TOTAL ACRES = 40.2% COVERAGE		
ADJACENT NORTHERN PROPERTIES		
EXISTING FUTURE LAND USE CATEGORIES:		
UNINCORPORATED AND COMM		
ZONING DESIGNATIONS:		
UNINCORPORATED AND C-C		
ADJACENT EASTERN PROPERTY		
EXISTING FUTURE LAND USE CATEGORY:		
UNINCORPORATED		
ZONING DESIGNATION:		
UNINCORPORATED		
ADJACENT WESTERN PROPERTIES		
EXISTING FUTURE LAND USE CATEGORIES:		
INST_PU AND UNINCORPORATED		
ZONING DESIGNATIONS:		
O AND UNINCORPORATED		
ADJACENT SOUTHERN PROPERTY		
EXISTING FUTURE LAND USE CATEGORY:		
COMM		
ZONING DESIGNATION:		
C-R		
PER TABLE 5.4.4- REQUIRED OPEN SPACE SET-ASIDES IN THE APOPKA LAND DEVELOPMENT CODE (LDC), WE ARE IN THE FOLLOWING 2 CATEGORIES:		
"COMMERCIAL BASE, AND THE INST AND AIR DISTRICTS" AND "PUBLIC, CIVIC, AND INSTITUTIONAL USES", WHICH REQUIRES 10% MINIMUM OPEN SPACE SET-ASIDE AREA AS A PERCENTAGE OF DEVELOPMENT SITE AREA.		
REQUIRED OPEN SPACE AREA = 45,007 SQ-FT		
PROVIDED OPEN SPACE AREA = 158,197 SQ-FT		
GREEN BUILDING STANDARDS:		
TOTAL GREEN BUILDING POINTS = 5.75		
PROVIDE RAIN GARDENS, STREET-SIDE SWALES, OR OTHER APPROPRIATE STORM WATER INFILTRATION SYSTEM(S) THAT CAPTURES A MINIMUM OF 25 PERCENT OF SITE STORMWATER RUNOFF - 1.00 GREEN BUILDING POINT		
- CURRENTLY 53.2% OF THE SITE'S STORMWATER RUNOFF IS BEING CAPTURED, GRANTING 1.00 GREEN BUILDING POINT.		
RETAIN AT LEAST 20 PERCENT OF EXISTING PRE-DEVELOPMENT NATURAL VEGETATION - 0.75 GREEN BUILDING POINT		
- CURRENTLY 35.1% OF THE SITE'S EXISTING NATURAL VEGETATION WILL BE RETAINED, GRANTING 0.75 GREEN BUILDING POINTS.		
ELEVATE NEW AND/OR EXISTING STRUCTURES MORE THAN 3 FEET ABOVE BASE FLOOD ELEVATION (BFE) - 0.50 GREEN BUILDING POINTS PER FOOT ABOVE BFE		
- THE SITE'S HIGHEST BFE IS 82 FT AND THE BUILDING ELEVATION IS SET TO 86 FT, GRANTING 2 GREEN BUILDING POINTS.		
PROVIDE MORE BICYCLE PARKING THAN REQUIRED BY SEC. 5.1.11, BICYCLE PARKING STANDARDS, WHILE ENSURING THAT ALL OTHER BICYCLE PARKING STANDARDS IN SECTION 5.1, OFF-STREET PARKING, BICYCLE PARKING, AND LOADING STANDARDS ARE MET - 0.50 GREEN BUILDING POINTS PER ADDITIONAL 3 PERCENT BICYCLE PARKING SPACES		
- 10 BICYCLE PARKING SPACES ARE REQUIRED AND 12 ARE BEING PROVIDED, PROVIDING AN EXCESS AMOUNT OF 20%, GRANTING 2 GREEN BUILDING POINTS.		

SHEET LIST TABLE

Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	EXISTING CONDITIONS
C1.1	EXISTING FEMA FLOODMAP
C1.2	PROPOSED FEMA FLOODMAP
C2.0	NOTES
C3.0	INITIAL EROSION & SEDIMENT CONTROL PLANS
C3.1	INTERIM EROSION & SEDIMENT CONTROL PLANS
C3.2	FINAL EROSION & SEDIMENT CONTROL PLANS
C3.3	EROSION & SEDIMENT CONTROL PLANS DETAILS
C4.0	DEMOLITION PLAN
C4.1	DEMOLITION PLAN
C5.0	SITE LAYOUT PLAN
C5.1	SITE LAYOUT PLAN
C5.2	FIRE TRUCK TURN EXHIBIT
C5.3	MOT EXHIBIT
C6.0	GRADING AND DRAINAGE PLANS
C6.1	GRADING & DRAINAGE PLANS
C6.2	STORM PIPE & STRUCTURE TABLES
C6.3	PROPOSED WETLAND IMPACT
C6.4	EXISTING FLOODPLAIN EXHIBIT
C6.5	PROPOSED FLOODPLAIN EXHIBIT
C6.6	FLOODPLAIN CROSS SECTIONS
C6.7	FLOODPLAIN CROSS SECTIONS
C7.0	UTILITY PLANS
C7.1	SANITARY SEWER FORCE MAIN EXHIBIT
C8.0	DETAILS
C8.1	DETAILS
C8.2	DETAILS
C8.3	DETAILS
C8.4	DETAILS
L1.0	TREE SURVEY & INVENTORY
L1.1	OVERALL PLANTING PLAN
L1.2	DETAILED PLANTING PLAN
L2.0	PLANTING DETAILS
L2.1	PLANTING DETAILS



CRUNK
ENGINEERING

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STENGEL-HILL
ARCHITECTURE

613 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
502.893.1875
502.893.1876 fax

Civil Engineering



CRUNK
ENGINEERING

Structural Engineering



SKYHOOK
STRUCTURAL ENGINEERING, P.C.

Mechanical/Electrical Engineering



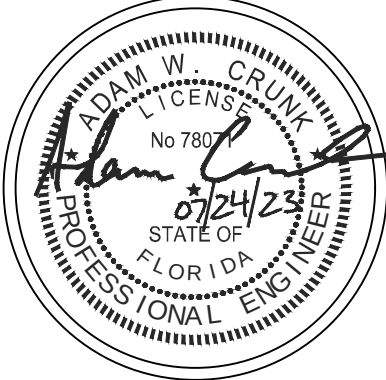
amta
MECHANICAL/ELECTRICAL
ARCHITECTS

Foodservices Design



ACADIA
HEALTH CARE

ACADIA
HEALTH CARE

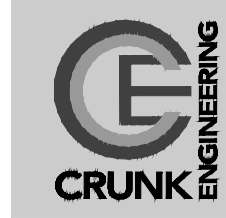


COVER SHEET
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

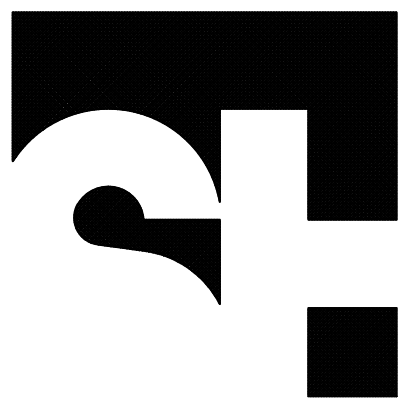
15 JUNE 2023

C0.0

NOT FOR CONSTRUCTION



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Civil Engineering



Structural Engineering



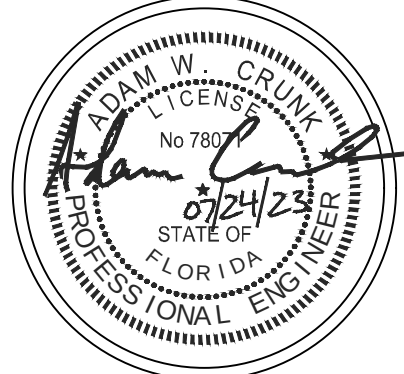
Mechanical/Electrical Engineering



Foodservices Design



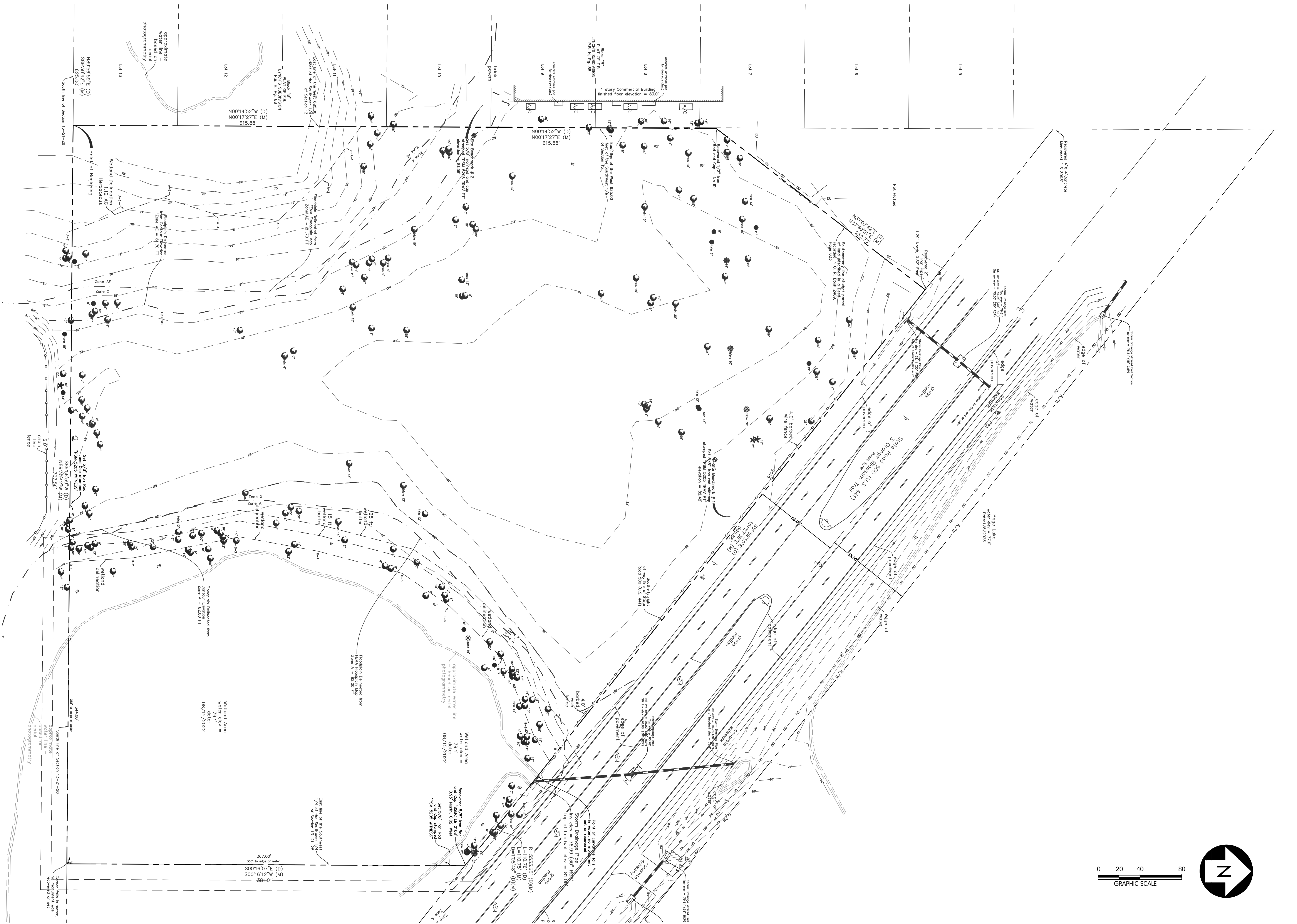
ACADIA
HEALTH CARE



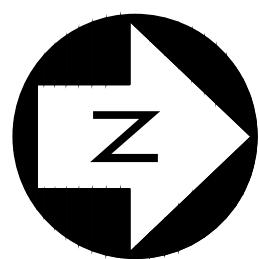
EXISTING CONDITIONS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

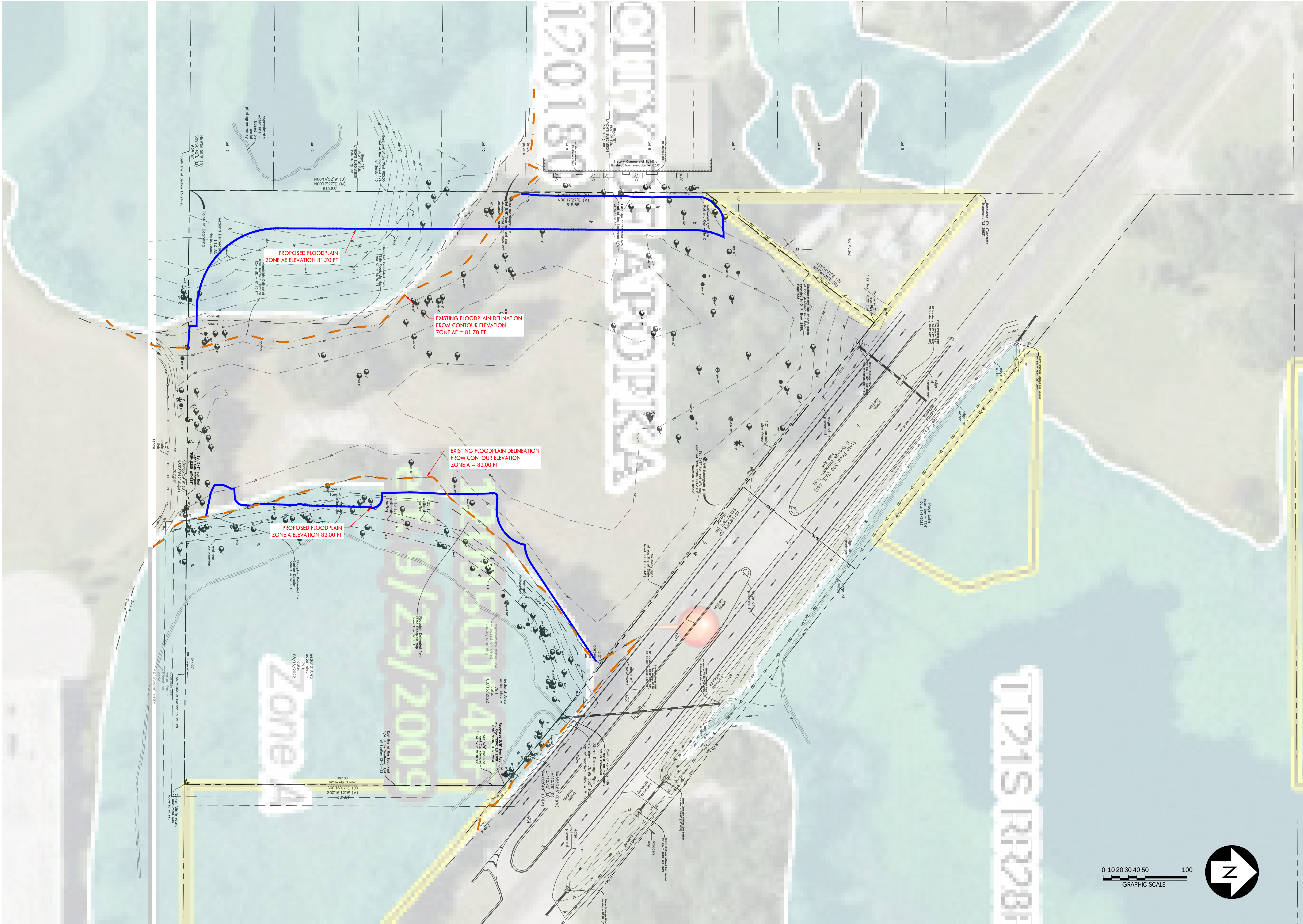
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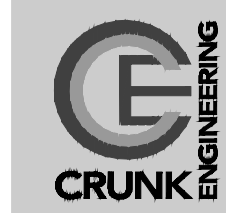


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GRAPHIC SCALE

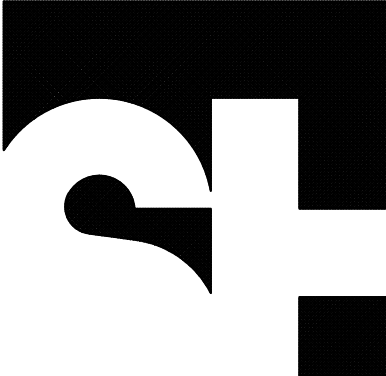








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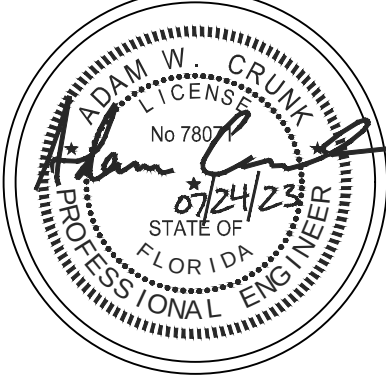

CONSULTANTS

Foodservices Design



ACADIA
HEALTHCARE

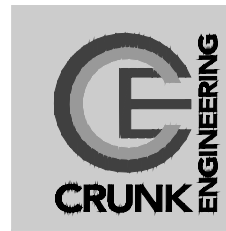
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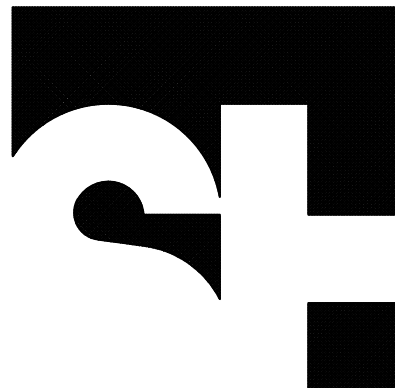
PROPOSED FEMA FLOODMAP
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

C1.2



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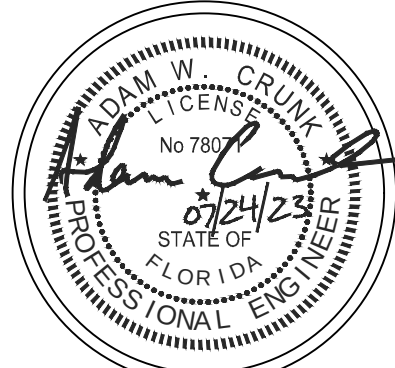
Mechanical/Electrical Engineering



Foodservices Design



ACADIA
HEALTH CARE



NOTES
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOKA, FLORIDA

15 JUNE 2023

C2.0

GENERAL NOTES:

1. BASE INFORMATION WAS TAKEN FROM A BOUNDARY & TOPOGRAPHIC SURVEY PERFORMED BY BENCHMARK SURVEYING & MAPPING, LLC, DATED AUGUST 30, 2022. CRUNK ENGINEERING LLC SHALL NOT BE RESPONSIBLE FOR ERRORS AND OMISSIONS RESULTING FROM THIS INFORMATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE PROJECT AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS.
3. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL QUANTITIES, TAKE-OFF MEASUREMENTS, MATERIALS, ETC., DURING THE BID PROCESS. ANY QUANTITIES PROVIDED ON PLANS ARE PROVIDED AS A COURTESY. WHEN DISCREPANCIES OCCUR, THE PHYSICAL PLAN TAKES PRECEDENCE.
5. A COPY OF THE ELECTRONIC DRAWING FILE MAY BE REQUESTED FROM ENGINEER BY CONTRACTOR TO PROVIDE COORDINATES FOR LOCATION IN FIELD. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST ELECTRONIC FILES AFTER ANY REVISIONS TO PLANS, IF ANY OCCUR.
6. THE CONTRACTOR SHALL CHECK ALL EXISTING CONDITIONS, UTILITY INVERTS, UTILITY ROUTINGS, UTILITY CROSSINGS, AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION.
7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL CALL NATIONAL ONE CALL (811) 72 HOURS PRIOR TO PROCEEDING WITH ANY EXCAVATION. THE CONTRACTOR SHALL REPAIR ANY DAMAGED UTILITIES ACCORDING TO LOCAL STANDARDS AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND RECEIVE APPROVAL WHERE NECESSARY BEFORE CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS. ALL AS-BUILTS SHALL BE PREPARED IN ACCORDANCE WITH LOCAL AGENCY(S) REQUIREMENTS. IF A CERTIFIED AS-BUILT SURVEY IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A STAMPED SURVEY AND SUBMITTING TO ENGINEER.
9. THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO WITHIN THE LIMITS OF CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF CONSTRUCTION. CARE SHALL BE TAKEN TO PROTECT ANY UTILITIES, TREES, BUILDINGS ETC. WHICH ARE TO REMAIN AND NOT TO BE DISTURBED BY THE CONSTRUCTION.
10. EXISTING PAVEMENT OF PUBLIC ROADWAYS SHALL BE PATCHED IN ACCORDANCE WITH LOCAL AGENCY STANDARDS WHEREVER UTILITY INSTALLATION REQUIRES REMOVAL OF THE EXISTING PAVEMENT. COORDINATE PAVEMENT TRENCHING LOCATIONS WITH SITE CIVIL, PLUMBING AND ELECTRICAL PLANS.
11. DIMENSIONS AND COORDINATES PROVIDED ARE TO FACE OF CURB AND/OR EXTERIOR FACE OF BUILDING UNLESS OTHERWISE NOTED.
12. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT PREVENTION AND CONSTRUCTION ISSUED BY AGC OF AMERICA, INC. AND THE SAFETY AND HEALTH REGULATIONS OF CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.
13. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WORKS SUCH AS BRACING, SHEETING AND SHORING, BLASTING PROTECTION, WARNING LIGHTS AND BARRICADES, ETC. AS MAY BE NECESSARY FOR THE PROTECTION OF LIFE AND PROPERTY FOR HIS OWN EMPLOYEES AND THE GENERAL PUBLIC.
14. PORTIONS OF THE WORK SHOWN ON THESE PLANS MAY REQUIRE TRENCH AND/OR MASS EXCAVATION. IN SOME CASES, THIS WILL REQUIRE THE REMOVAL OF ROCK. IN THE USE OF EXPLOSIVES FOR THE SUBSEQUENT EXCAVATION OF ROCK MATERIAL, ALL APPLICABLE LOCAL AND STATE REQUIREMENTS REGARDING THE USE AND STORAGE OF EXPLOSIVE MATERIAL SHALL BE FOLLOWED. THE PROPER PERMITS MUST BE SECURED AND PRELIMINARY SURVEYS WILL BE CONDUCTED IN AREAS WHERE ADJACENT PROPERTIES OR IMPROVEMENTS OFF OF THE PROJECT PROPERTY COULD BE IMPACTED. IN PORTIONS OF THE PROJECT WHERE TRENCH EXCAVATION IS REQUIRED, THE CONTRACTOR WILL BECOME FAMILIAR WITH ALL APPLICABLE TRENCH SAFETY REQUIREMENTS AND REGULATIONS AND TAKE THE NECESSARY MEASURES TO INSURE THE SAFETY OF HIS EMPLOYEES AND ANY OTHER INDIVIDUALS HAVING A NEED TO BE IN AND AROUND THE WORK.
15. ANY WORK UNACCEPTABLE TO THE OWNER'S REPRESENTATIVE OR TO THE LOCAL AGENCY(S) SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL VERIFY THE LIMITS OF DEMOLITION WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.
2. THE CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL. UPON REMOVAL NO ROOT GREATER THAN THREE INCHES IN DIAMETER SHALL REMAIN WITHIN FIVE FEET OF AN UNDERGROUND STRUCTURE OR UTILITY LINE OR UNDER PAVED FOOTINGS OR PAVED AREAS.
3. IN AREAS WHERE EXISTING PAVEMENT, WALKS, OR CURBS ARE TO BE REMOVED, SAW CUT TO PROVIDE A CLEAN EDGE. COORDINATE EXTENT OF PAVEMENT DEMOLITION WITH THE LIMIT OF IMPROVEMENTS ON THE SITE LAYOUT PLAN AND UTILITY PLAN.
4. THE CONTRACTOR SHALL COORDINATE PHASING OF THE DEMOLITION WITH THE OWNER'S REPRESENTATIVE AND UTILITY PROVIDERS PRIOR TO BEGINNING WORK. DISRUPTION OF EXISTING UTILITY SERVICES AND TRAFFIC PATTERNS SHALL BE MINIMIZED TO THE EXTENT POSSIBLE AND INITIATED ONLY AFTER APPROVAL BY THE LOCAL AGENCY(S) AND UTILITY PROVIDER(S).
5. THE EXISTING SITE CONTAINS AN UNDERGROUND IRRIGATION SYSTEM. THE CONTRACTOR MUST PROVIDE CAPS FOR LINES THAT MUST BE CUT, AND RE-ROUTE THE IRRIGATION SYSTEM TO ACCOMMODATE EXCAVATION FOR THE PROPOSED PROJECT. THE IRRIGATION SYSTEM SHALL BE REINSTALLED ON A DESIGN BUILD BASIS PRIOR TO THE END OF CONSTRUCTION.
6. NO UTILITY OR STORM SEWER LINES SHALL BE DEMOLISHED UNTIL THE NEW LINES HAVE BEEN INSTALLED AND ARE PLACED INTO OPERATION.
7. THE CONTRACTOR SHALL INCORPORATE INTO HIS WORK ANY ISOLATION VALVES OR TEMPORARY PLUGS REQUIRED TO CONSTRUCT NEW UTILITY LINES AND DEMOLISH EXISTING UTILITY LINES.
8. WHERE WATER LINE AND SEWER LINE ABANDONMENT IS PLANNED, THE CONTRACTOR MAY ABANDON WATER LINES AND SEWER LINES IN PLACE WHERE THEY OCCUR AT LEAST 24 INCHES (TO TOP OF PIPE) BELOW FINAL SUBGRADE ELEVATIONS AND OUTSIDE THE BUILDING FOOT PRINT. ALL UTILITY LINES BEING ABANDONED IN PLACE SHALL HAVE ALL ENDS PERMANENTLY CLOSED USING A CONCRETE PLUG.
9. CAVITIES AND TRENCHES LEFT BY DEMOLITION WORK SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
10. ALL MATERIALS BEING REMOVED AND NOT RELOCATED UNDER THE NEW CONSTRUCTION, INCLUDING TREES AND SHRUBS, SIGNS, LIGHT POLES, UTILITY STRUCTURES, ETC. SHALL BE FIRST OFFERED TO THE OWNER'S REPRESENTATIVE AND IF NOT ACCEPTED SHALL THEN BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

SITE GRADING NOTES:

1. THE EXISTING AND PROPOSED TOPOGRAPHIC INFORMATION IS BASED OFF THE TOPOGRAPHIC SURVEY PERFORMED BY BENCHMARK SURVEYING & MAPPING, LLC, DATED AUGUST 30, 2022. ELEVATIONS ARE BASED ON NAVD 88. BENCHMARK LOCATION AND ELEVATIONS ARE AS REPRESENTED BY THE SURVEYOR AT THE TIME OF THE SURVEY. THE CONTRACTOR SHALL VERIFY ITS CORRECTNESS PRIOR TO CONSTRUCTION.
2. THE DISTURBED AREA FOR THIS PROJECT IS APPROXIMATELY 7.03 ACRES.
3. THE SUBJECT PROPERTY DOES LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO PANEL No. 12095C0140F OF THE F.E.M.A. FLOOD INSURANCE RATE MAPS FOR ORANGE COUNTY, FLORIDA, DATED SEPTEMBER 25, 2009.
4. MULCH AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER FINAL GRADING IS COMPLETED, UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
5. THE CONTRACTOR SHALL CHECK EXISTING GRADES AND DIMENSIONS PRIOR TO BEGINNING WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER. THIS GRADING & DRAINAGE PLAN IS NOT A DETERMINATION OR GUARANTEE OF THE SUITABILITY OF THE SUBSURFACE CONDITIONS FOR THE WORK INDICATED. A GEOTECHNICAL SOILS REPORT HAS BEEN PREPARED AND IS AVAILABLE FROM THE OWNER. DETERMINATION OF THE SUBSURFACE CONDITIONS FOR THE WORK INDICATED IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
6. IF ANY SPRINGS OR UNDERGROUND STREAMS ARE EXPOSED DURING CONSTRUCTION THE OWNER'S REPRESENTATIVE AND ENGINEER SHALL BE NOTIFIED IMMEDIATELY. PERMANENT MEDIATION MAY BE REQUIRED, THE LOCATION AND SPECIFICATION OF WHICH WILL BE DETERMINED BY THE CONDITIONS WHICH ARE ENCOUNTERED.
7. THE PROPOSED GRADING AND DRAINAGE PLAN CONTAIN CONTOUR LINES AND SPOT ELEVATIONS RESULTING FROM AN ENGINEERED DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE AND MOVEMENT OF MATERIALS. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THE INTENT OR ANY PROBLEM WITH THE CONTINUITY OF GRADES, THE ENGINEER SHALL BE CONTACTED IMMEDIATELY.
8. ALL CUT AND FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE INDICATED ON PLANS. FILL SLOPES OF 3:1 AND GREATER SHALL BE PLACED AND COMPACTED A MINIMUM OF 5 FEET BEFORE THE PROPOSED SLOPE LIMITS AND THEN EXCAVATED BACK TO THE PROPOSED LOCATION.
9. THE MAXIMUM SLOPE WITHIN ACCESSIBLE PARKING SPACES SHALL BE 2.0% IN ANY DIRECTION. THE MINIMUM GRADE ON ASPHALT OR CONCRETE PAVING SHALL BE 1.0% UNLESS OTHERWISE INDICATED ON PLANS.
10. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. SLIGHT FIELD ADJUSTMENT MAY BE REQUIRED. THE CONTRACTOR WILL BE REQUIRED TO ADJUST GRADES OF INTERSECTING STREETS, ALLEYS, PUBLIC ENTRANCES AND PRIVATE DRIVES AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES DURING AND AFTER CONSTRUCTION. SOIL AFFECTED BY PERCHED WATER IN FOUNDATION AND PAVEMENT AREAS MUST BE UNDERLAIN AND REPLACED WITH SUITABLE FILL MATERIALS APPROVED BY A GEOTECHNICAL ENGINEER. GROUNDWATER INFILTRATION INTO EXCAVATIONS SHOULD BE EXPECTED, AND THE WATER SHALL BE REMOVED USING GRAVITY DRAINAGE OR PUMPING.
12. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO COMPACT FILL SUFFICIENTLY AROUND AND OVER ALL PIPES, STRUCTURES, VALVE STEMS, ETC., INSIDE THE PROPOSED PAVED AREAS TO AVOID SETTLEMENT. ANY SETTLEMENT DURING THE WARRANTY PERIOD SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL NOT DISTURB VEGETATION OR REMOVE ANY TREES EXCEPT WHEN NECESSARY FOR GRADING PURPOSES.
14. THE CONTRACTOR SHALL STRIP TOPSOIL FROM ALL CUT AND FILL AREAS AND STOCKPILE. UPON COMPLETION OF GENERAL GRADING THE TOPSOIL SHALL BE PLACED OVER ALL DISTURBED AREAS TO A MINIMUM DEPTH OF 4". CONTRACTOR SHALL PROVIDE ADDITIONAL TOPSOIL IF INSUFFICIENT QUANTITIES EXIST ON SITE. THE CONTRACTOR SHALL PROVIDE MEASURES TO PREVENT SEDIMENT FROM STOCKPILED TOPSOIL OR FILL MATERIAL FROM CONTAMINATING SURROUNDING AREAS OR ENTERING NEARBY STREAMS.
15. ALL FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT. THIS MATERIAL SHALL BE PLACED IN LIFTS AND COMPACTED AS DIRECTED BY THE GEOTECHNICAL ENGINEER (TO 95% STANDARD PROCTOR).
16. THE CONTRACTOR IS RESPONSIBLE FOR PERMITTING ANY SITE USED FOR DISPOSAL AND/OR STOCKPILE OF ANY MATERIAL FOR SUCH ACTIVITY. A COPY OF THE APPROVED PERMIT MUST BE PROVIDED TO THE INSPECTOR PRIOR TO COMMENCEMENT OF WORK ON ANY PROPERTY. FAILURE TO DO SO MAY RESULT IN THE CONTRACTOR REMOVING ANY ILLEGALLY PLACED MATERIAL AT HIS OWN EXPENSE.
17. ANY EXCESS EARTH MATERIAL AS A RESULT FROM GRADING ACTIVITIES SHALL BE FIRST OFFERED TO THE OWNER. IF NOT ACCEPTED BY THE OWNER, THE CONTRACTOR SHALL DISPOSE OF EARTH MATERIAL OFF SITE AT NO ADDITIONAL COST TO THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPORT SUITABLE MATERIAL FOR GRADING ACTIVITIES IF SUFFICIENT AMOUNTS OF EARTH MATERIAL ARE NOT AVAILABLE ON SITE AT NO ADDITIONAL COST TO THE OWNER.
18. SEGMENTAL WALLS SHALL BE PROVIDED BY THE CONTRACTOR ON A DESIGN BUILD BASIS. WALL DESIGN PLANS STAMPED BY A REGISTERED ENGINEER IN THE STATE OF THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER AS A SHOP DRAWING AND INCLUDED IN THE CONSTRUCTION DOCUMENTS.
19. TOP OF GRATE ELEVATIONS FOR DRAINAGE STRUCTURES SHALL BE AS SHOWN ON THE DETAIL AND GRADING PLAN, UNLESS NOTED OTHERWISE. THE GRATES SHALL SLOPE WITH THE PAVEMENT AND/OR CURB AND GUTTER GRADES. LOCATION OF DRAINAGE STRUCTURES IS AS SHOWN ON THE GRADING PLAN.
20. THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF STORM DRAIN CONNECTIONS AT THE BUILDING WITH THE PLUMBING PLANS.
21. REINFORCED CONCRETE STORM PIPE SHALL MEET ASTM 76 CLASS III, WALL TYPE "B" MESH REINFORCEMENT. HIGH DENSITY POLYETHYLENE PIPE (HDPE) SHALL MEET ASTM F 2648. POLYVINYLCHLORIDE PIPE (PVC) SHALL MEET ASTM D3034, SDR 35.

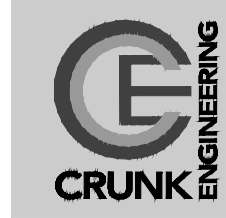
EROSION CONTROL NOTES:

1. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE GRADING ACTIVITIES BEGIN AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
2. THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
3. CONSTRUCT SILT BARRIERS BEFORE BEGINNING GRADING OPERATIONS.
4. PROVIDE TEMPORARY CONSTRUCTION ACCESS(S) AT THE POINT(S) WHERE CONSTRUCTION VEHICLES EXIT THE CONSTRUCTION AREA. MAINTAIN PUBLIC ROADWAYS FREE OF TRACKED MUD AND DIRT.
5. EXISTING VEGETATION AND GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
6. USE TEMPORARY VEGETATION AND/OR MULCH TO PROTECT BARE AREAS FROM EROSION DURING CONSTRUCTION.
7. INSPECTION AND MAINTENANCE OF EROSION CONTROL DEVICES SHALL BE PERFORMED ON A REGULAR BASIS. IF AT ANY TIME DURING CONSTRUCTION, THE EROSION AND SEDIMENT CONTROL MEASURES INSTALLED FAIL TO FUNCTION PROPERLY, NEED MAINTENANCE OR REPAIR, OR NEED NEW REPLACEMENT IN KIND, THE CONTRACTOR WILL EFFECT SUCH ACTIONS AS ARE NEEDED TO CORRECT THE SITUATION AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL USE WATER SPRINKLING AND OTHER SUITABLE METHODS AS NECESSARY TO CONTROL DUST AND DIRT CAUSED BY CONSTRUCTION ACTIVITY. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST CONTROL ARE PROHIBITED.
9. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
10. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED. DISTURBED AREAS WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED.
11. SEDIMENT SHOULD BE REMOVED FROM SEDIMENT AND EROSION CONTROL DEVICES AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
12. THE CONTRACTOR SHALL REMOVED SEDIMENT BUILD UP FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
13. THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ONLY AFTER A GOOD STAND OF VEGETATIVE COVER HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.

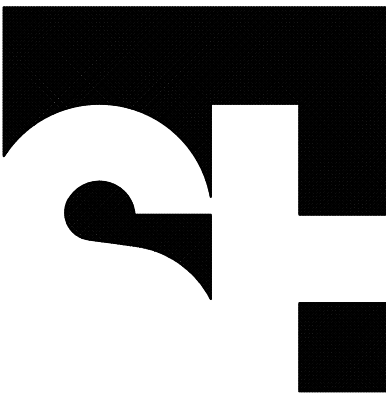
UTILITY NOTES:

1. ALL WATER LINES, SEWER LINES AND APPURTENANCES SHALL BE CONSTRUCTED OF MATERIALS THAT CONFORM WITH LOCAL AGENCY(S) AND UTILITY PROVIDER DETAILS AND SPECIFICATIONS.
2. SANITARY SEWER SHALL BE OF MATERIAL AS SPECIFIED ON PLANS. POLYVINYLCHLORIDE (PVC) SHALL MEET ASTM D3034 SDR35. DUCTILE IRON PIPE (DIP) SHALL MEET ANSI A21.51/AWWA C-151 CLASS 52.
3. WATER LINES SHALL BE OF MATERIAL AS SPECIFIED ON PLANS. CEMENT LINER DUCTILE IRON (DIP) SHALL MEET AWWA C-151 CLASS 52. POLYVINYLCHLORIDE (PVC) SHALL MEET AWWA C-900, SDR 18, CLASS 150.
4. A MINIMUM COVER OF 36" SHALL BE PROVIDED OVER ALL WATER LINES.
5. THE CONTRACTOR SHALL MAINTAIN A HORIZONTAL SEPARATION OF 10 FEET BETWEEN SANITARY SEWER LINES AND WATER LINES. WHERE THESE CRITERIA CANNOT BE MET, THE CONTRACTOR SHALL MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER AND SEWER LINES.
6. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE SURVEYOR AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
7. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF THE POINT OF CONNECTIONS OF ALL UTILITIES PRIOR TO ORDERING OF MATERIALS OR COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
8. THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF CONSTRUCTION FOR ALL UTILITY LINES TO PREVENT CONFLICTS WITH EXISTING OR PROPOSED WATER LINES, SANITARY SEWER LINES, SANITARY SEWER SERVICES, STORM SEWERS, OR ANY OTHER UTILITY OR STRUCTURE.
9. BEFORE CONNECTIONS ARE MADE INTO EXISTING UTILITIES, THE NEW LINES ARE TO BE FLUSHED AND TESTED BY THE CONTRACTOR IN ACCORDANCE WITH THE LOCAL AGENCY(S) AND UTILITY PROVIDER(S) WATER AND SEWER SPECIFICATIONS.
10. REDUCED PRESSURE BACKFLOW PREVENTOR (RPBP) OR DUAL CHECK WILL BE REQUIRED ON ALL TESTS AND FILL LINES (JUMPER) NEEDED FOR WATER MAIN CONSTRUCTION AND MUST BE APPROVED BY LOCAL AGENCY AND UTILITY PROVIDER.
11. THE CONTRACTOR SHALL PROVIDE ALL HORIZONTAL AND VERTICAL BENDS TO ATTAIN THE ALIGNMENT INDICATED ON THE PLANS. PROVIDE VERTICAL BENDS WHERE NECESSARY TO ALLOW WATER LINES TO PASS UNDER OR OVER OTHER UTILITY LINES (ALL BENDS AND BRACES NEEDED MAY NOT BE SHOWN ON THESE PLANS). PROVIDE BRACING AND/OR RODDING AT ALL BENDS AND TEES AS REQUIRED.
12. THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF UTILITY CONNECTIONS AT THE BUILDING WITH PLUMBING PLANS.
14. THE EXISTING SITE CONTAINS AN UNDERGROUND IRRIGATION SYSTEM. THE CONTRACTOR MUST PROVIDE CAPS FOR LINES THAT MUST BE CUT, AND RE-ROUTE THE IRRIGATION SYSTEM TO ACCOMMODATE EXCAVATION FOR THE PROPOSED PROJECT. THE IRRIGATION SYSTEM SHALL BE REINSTALLED ON A DESIGN BUILD BASIS PRIOR TO THE END OF CONSTRUCTION.
15. EXISTING CASTINGS LOCATED IN FILL/CUT AREAS SHALL BE ADJUSTED TO ENSURE THAT THE TOP OF CASTING IS FLUSH WITH THE FINISHED GRADE.
16. THE CONTRACTOR SHALL MARK THE LOCATION OF ALL NEW PVC LINES WITH #8 WIRE.
17. ALL CONNECTIONS TO EXISTING MANHOLES SHALL BE BY THE CORING AND RESILIENT SEAL METHOD.
18. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
19. ALL FIRE LINES SHALL BE INSTALLED BY A SPRINKLER CONTRACTOR LICENSED IN THE STATE OF THE PROJECT.
20. PRIOR TO SUBMITTING OF BID, THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS.

NOT FOR CONSTRUCTION



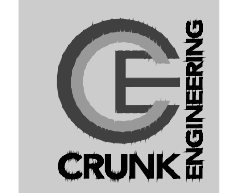
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Civil Engineering



Structural Engineering



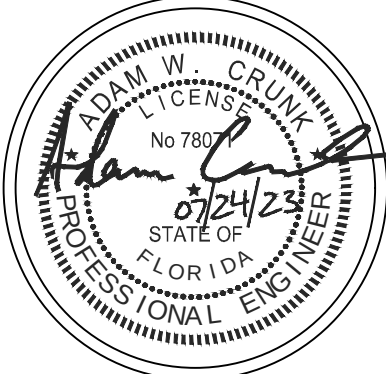
Mechanical/Electrical Engineering



Foodservices Design



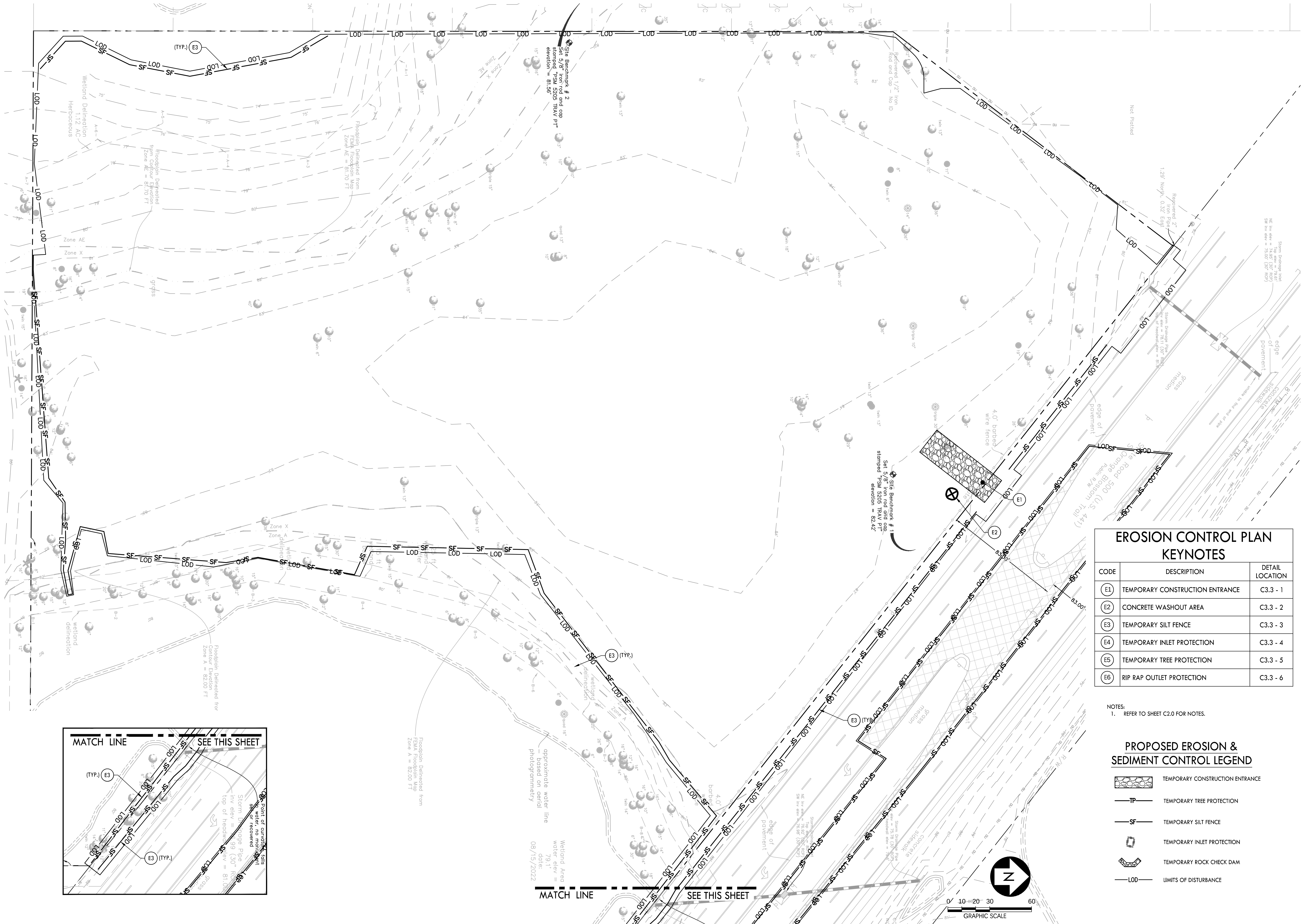
ACADIA
HEALTHCARE



INITIAL EROSION & SEDIMENT CONTROL PLANS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

C3.0

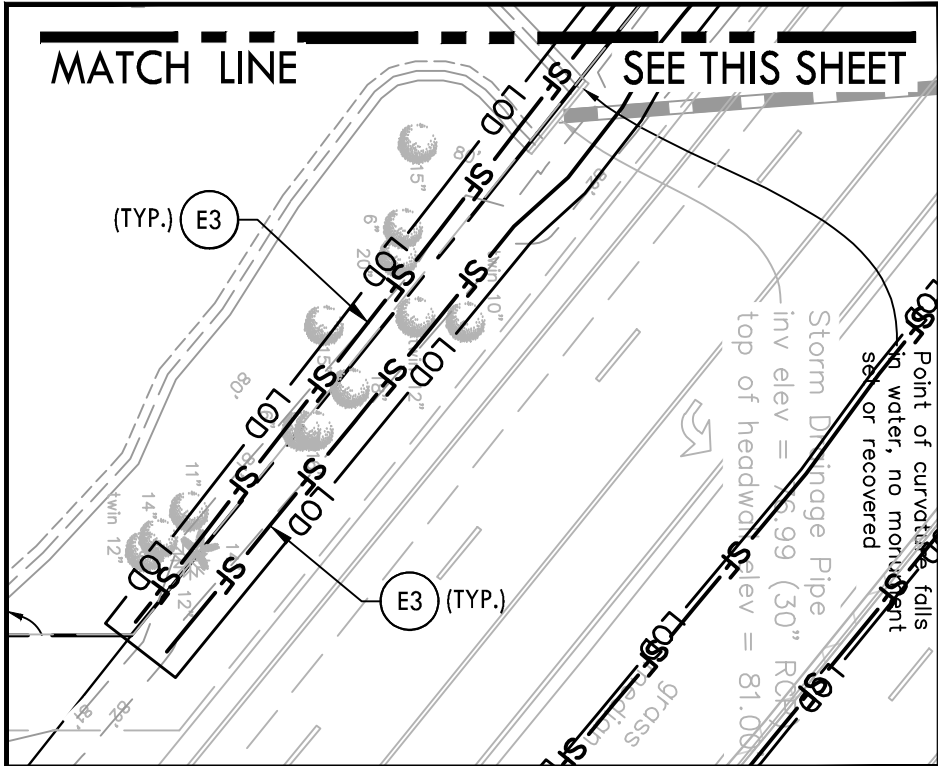


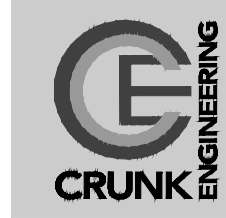
EROSION CONTROL PLAN KEYNOTES		
CODE	DESCRIPTION	DETAIL LOCATION
E1	TEMPORARY CONSTRUCTION ENTRANCE	C3.3 - 1
E2	CONCRETE WASHOUT AREA	C3.3 - 2
E3	TEMPORARY SILT FENCE	C3.3 - 3
E4	TEMPORARY INLET PROTECTION	C3.3 - 4
E5	TEMPORARY TREE PROTECTION	C3.3 - 5
E6	RIP RAP OUTLET PROTECTION	C3.3 - 6

NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.

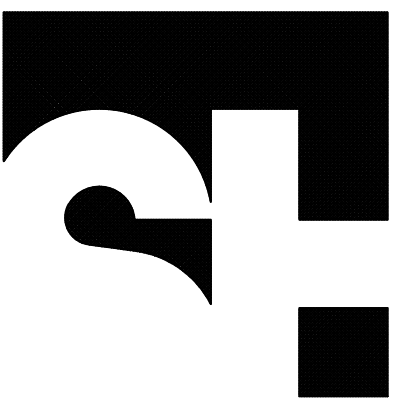
PROPOSED EROSION & SEDIMENT CONTROL LEGEND

- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY TREE PROTECTION
- TEMPORARY SILT FENCE
- TEMPORARY INLET PROTECTION
- TEMPORARY ROCK CHECK DAM
- LIMITS OF DISTURBANCE





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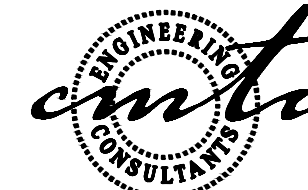
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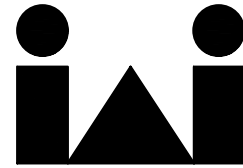
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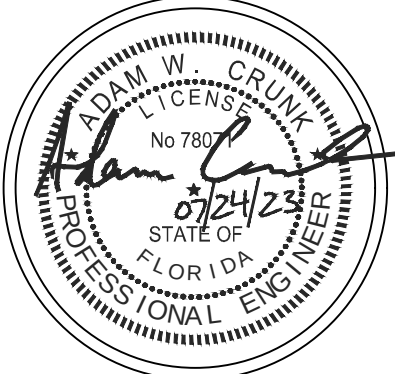
Mechanical/Electrical Engineering



Foodservices Design



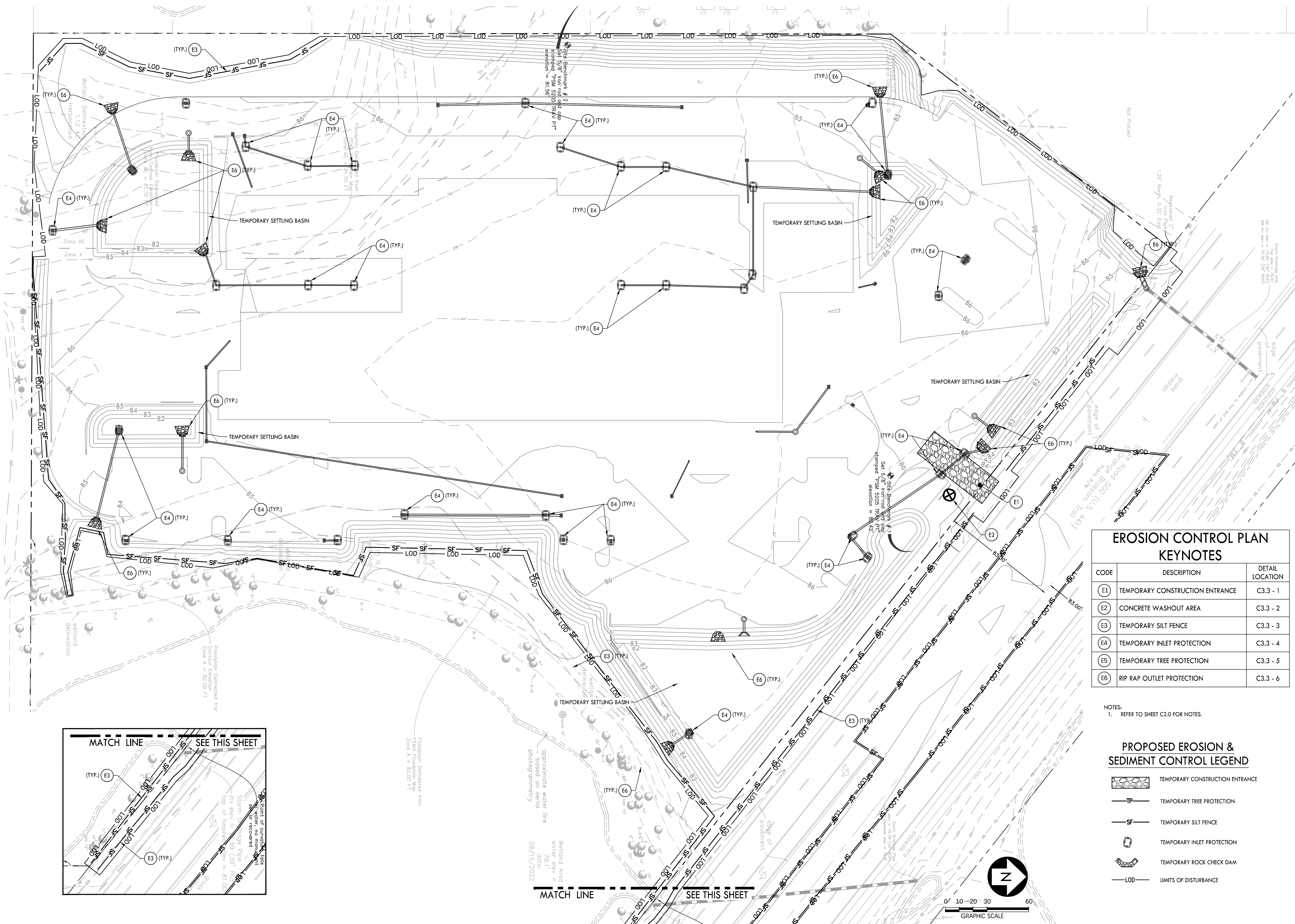
ACADIA
HEALTHCARE

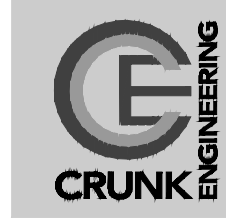


INTERIM EROSION & SEDIMENT CONTROL PLANS
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ORLANDO HEALTH JV
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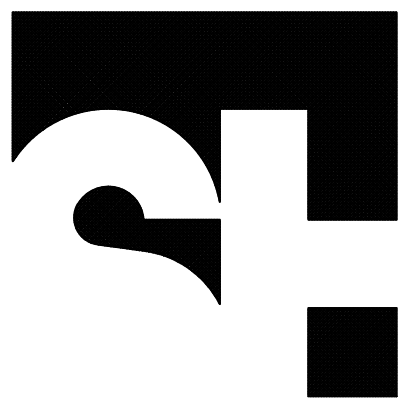
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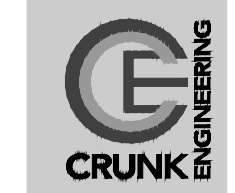
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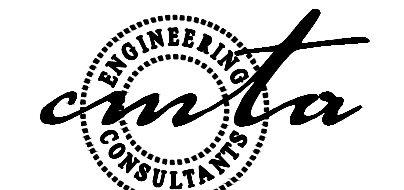
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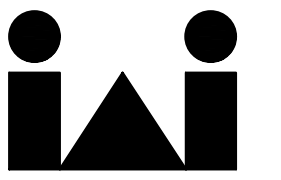
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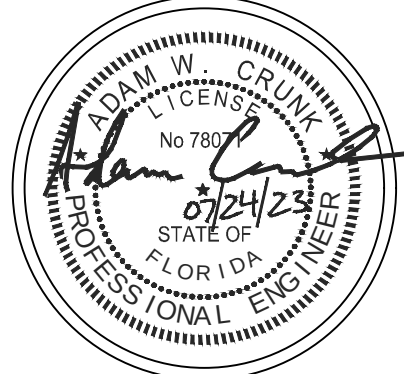
Mechanical/Electrical Engineering



Foodservices Design



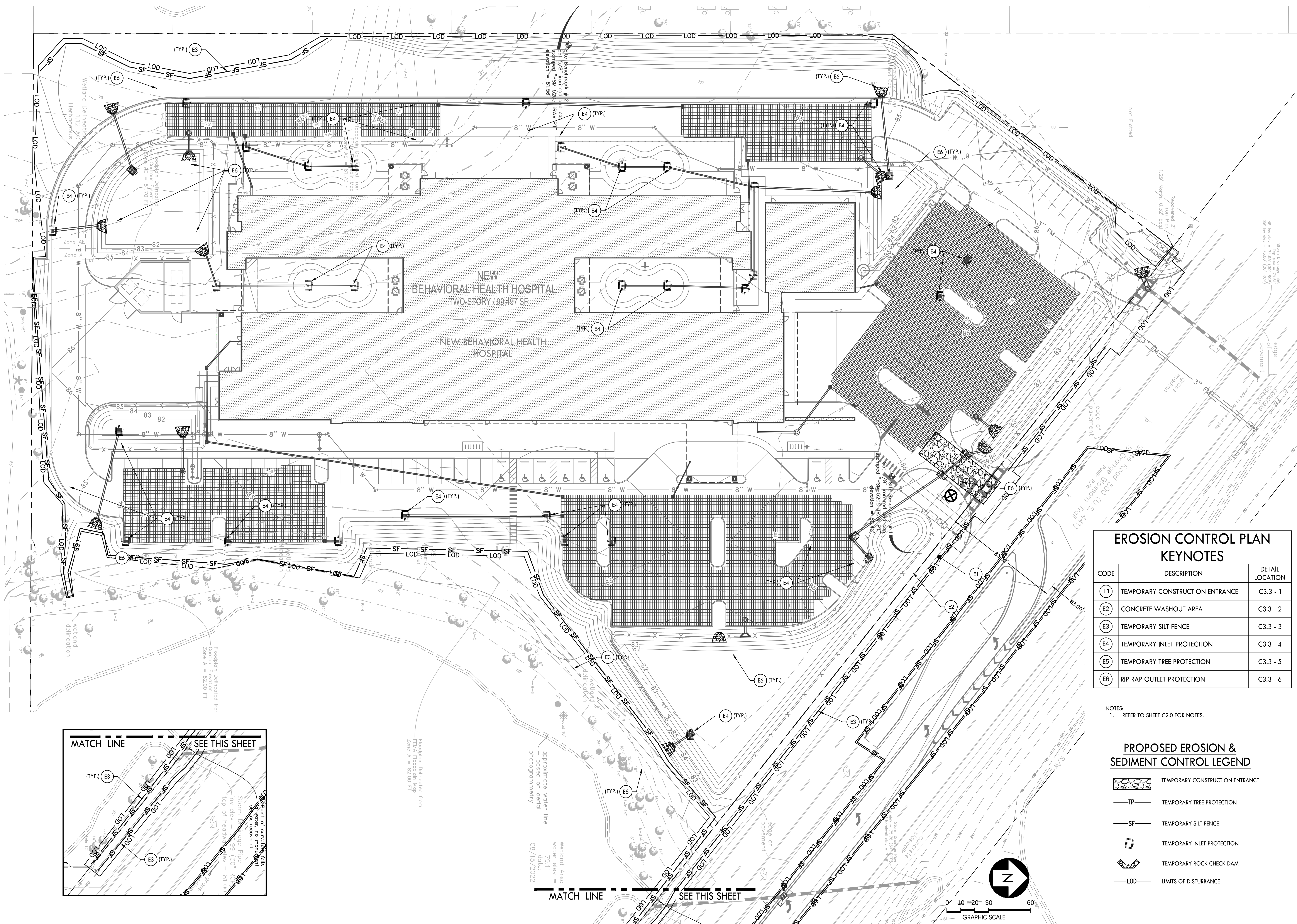
ACADIA
HEALTHCARE



FINAL EROSION & SEDIMENT CONTROL PLANS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

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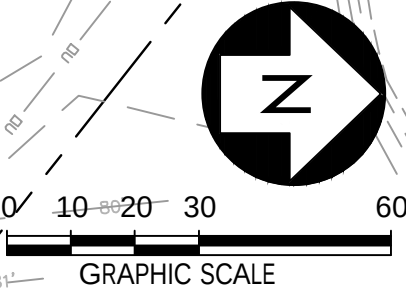
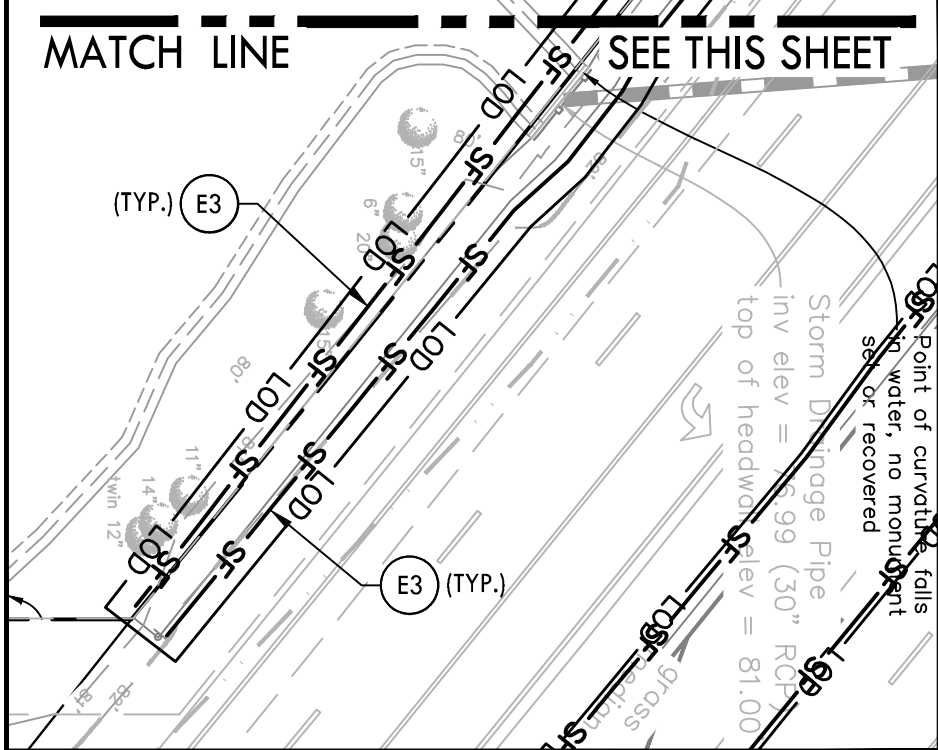
EROSION CONTROL PLAN KEYNOTES

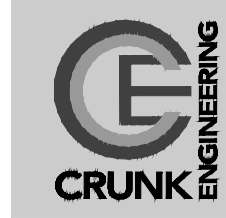
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NOTES:
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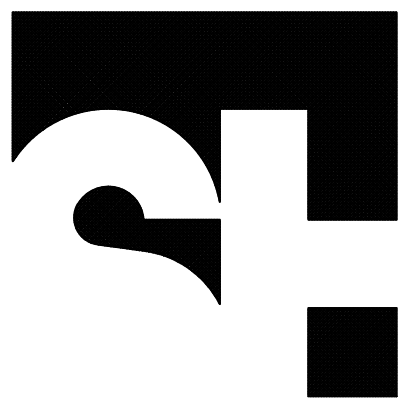
PROPOSED EROSION & SEDIMENT CONTROL LEGEND

- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY TREE PROTECTION
- TEMPORARY SILT FENCE
- TEMPORARY INLET PROTECTION
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- LIMITS OF DISTURBANCE





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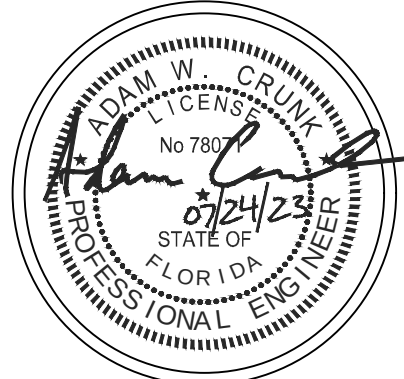
Mechanical/Electrical Engineering



Foodservices Design



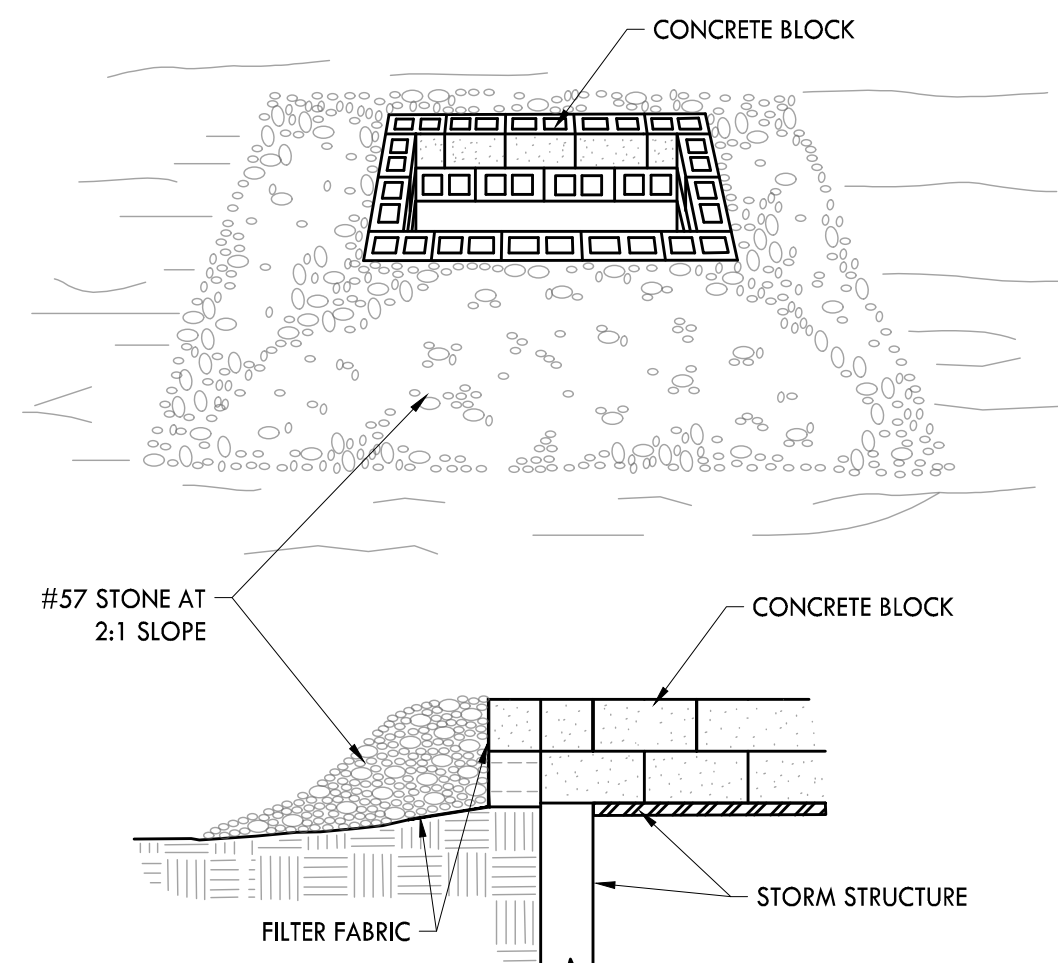
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HEALTHCARE



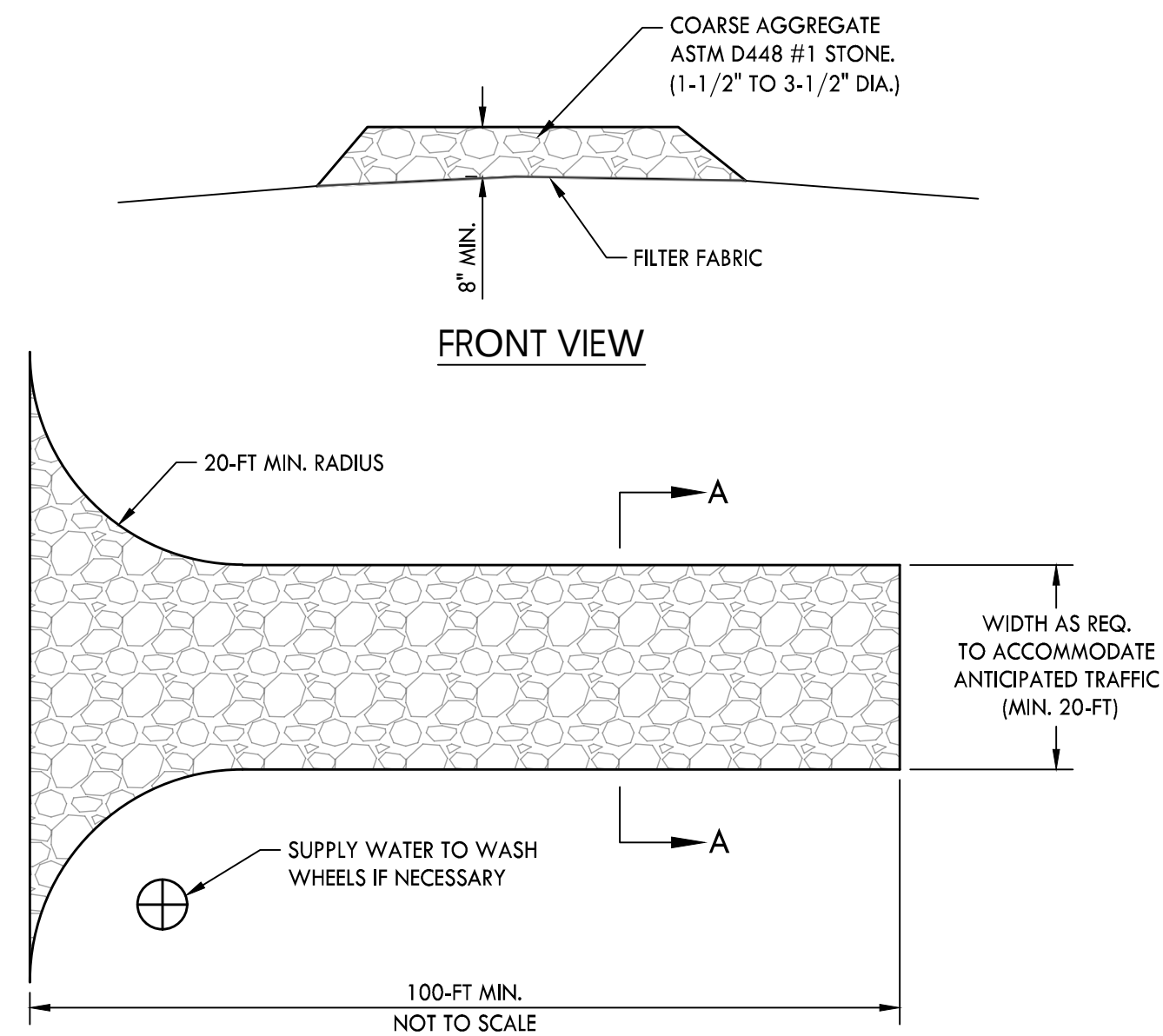
EROSION & SEDIMENT CONTROL PLANS DETAILS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

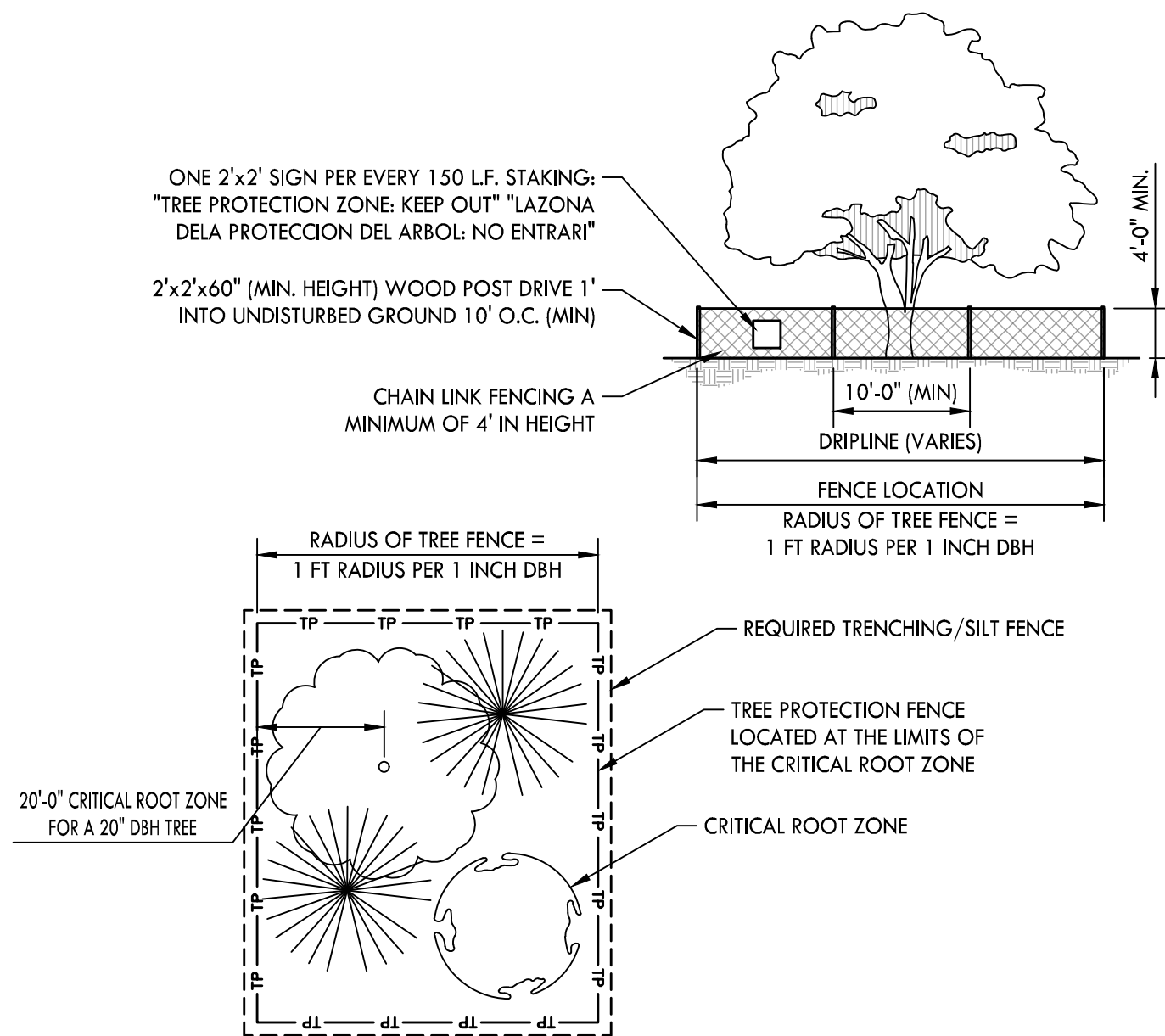
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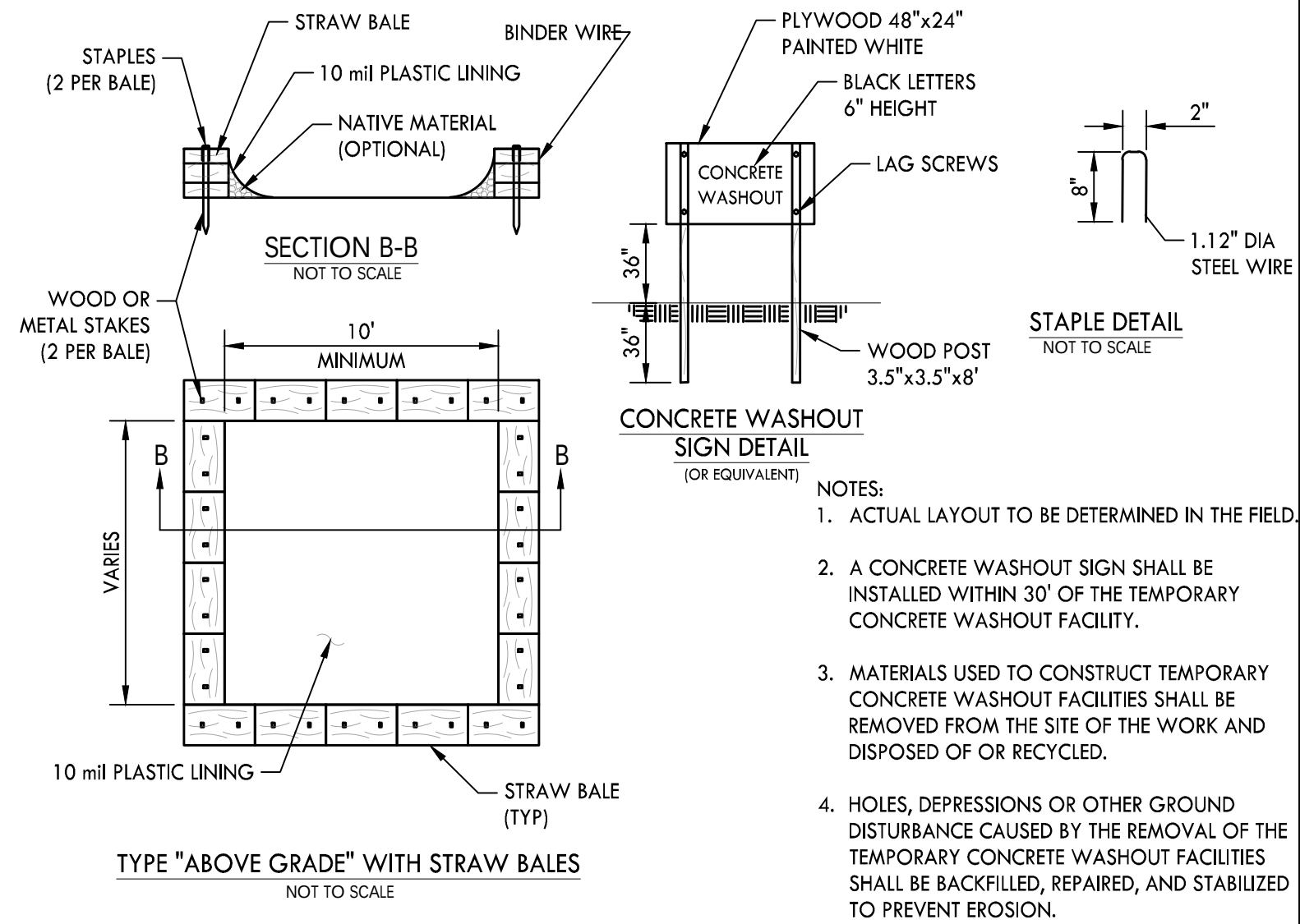
4 TEMPORARY INLET PROTECTION
NOT TO SCALE



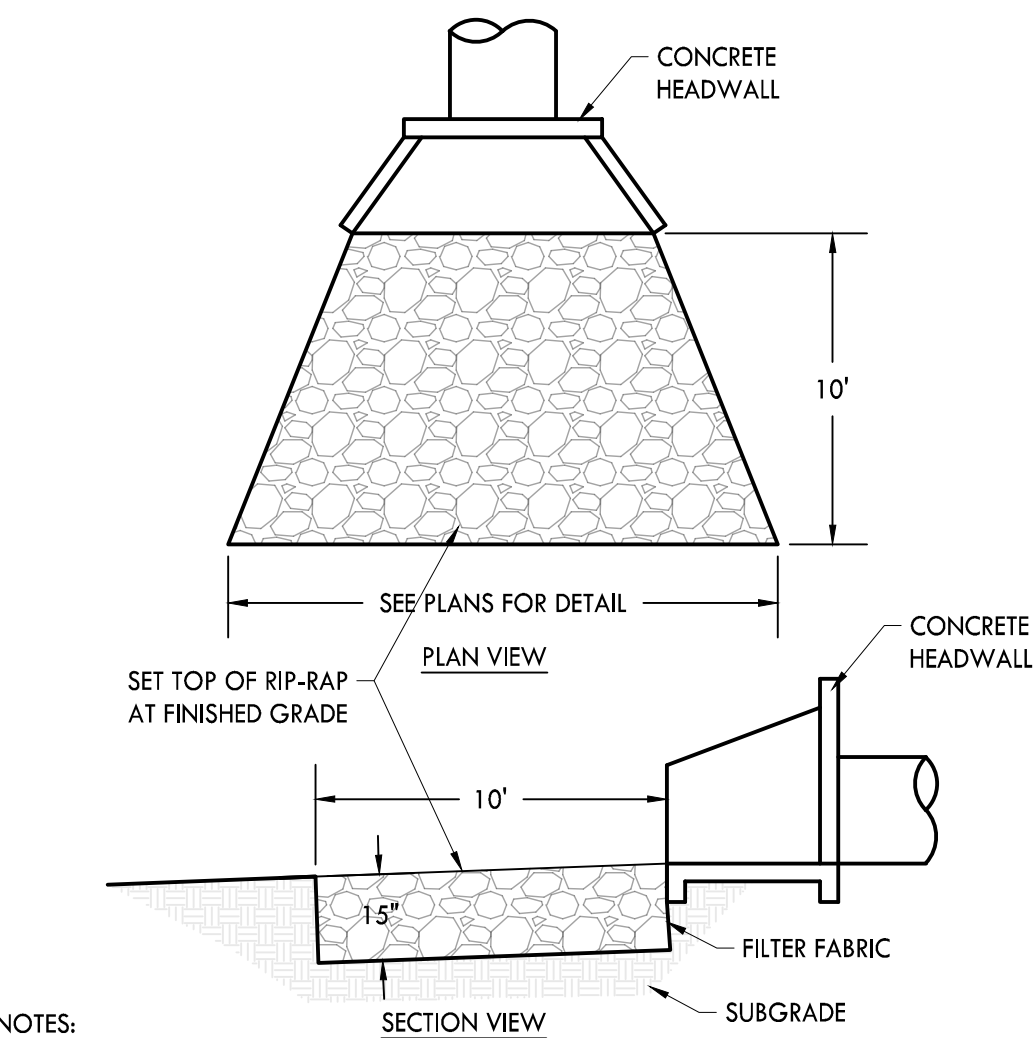
1 TEMPORARY CONSTRUCTION EXIT
NOT TO SCALE



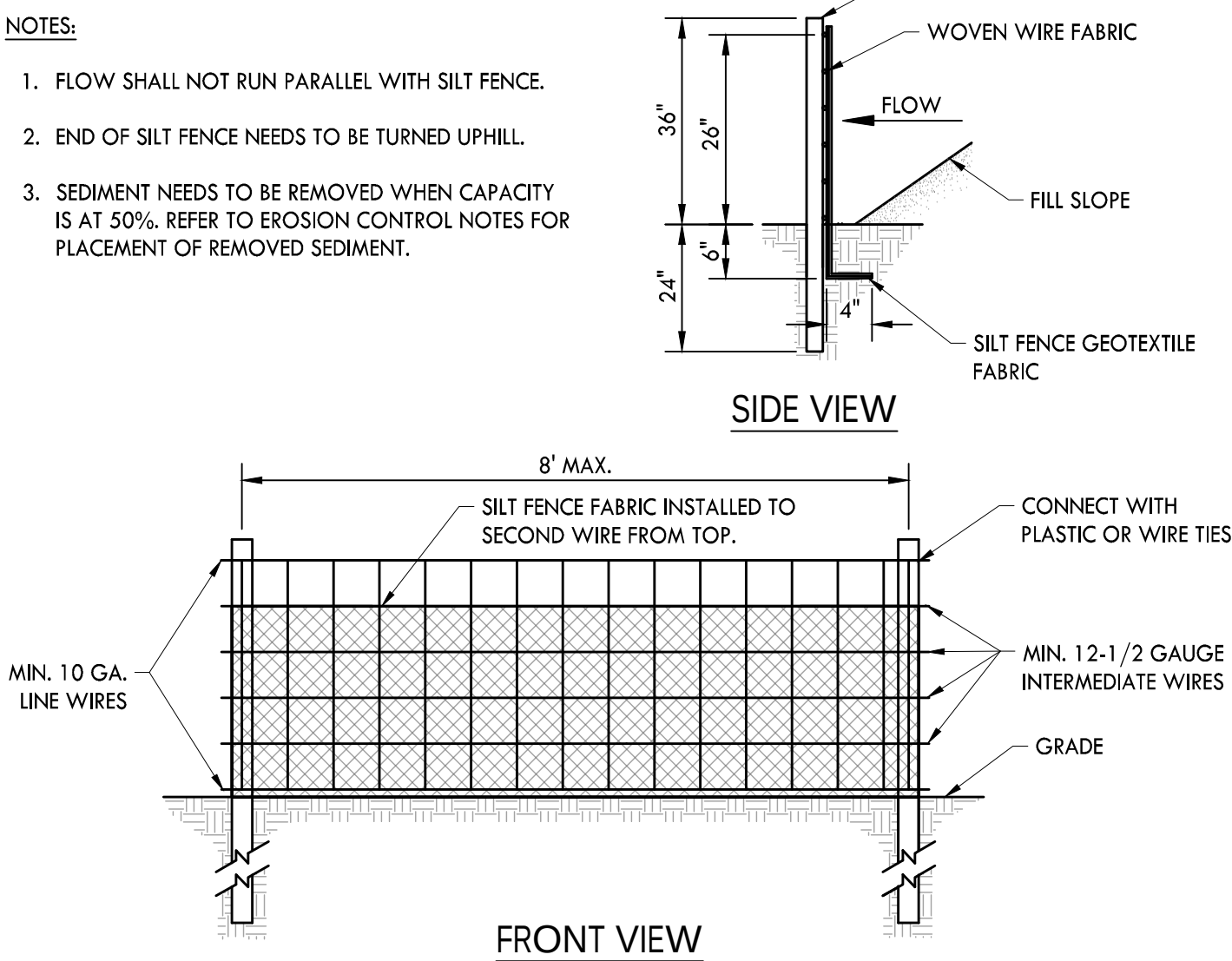
5 TEMPORARY TREE PROTECTION
NOT TO SCALE



2 CONCRETE WASHOUT AREA
NOT TO SCALE



6 RIP-RAP OUTLET PROTECTION
NOT TO SCALE

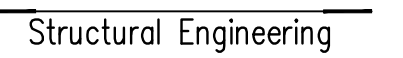


3 TEMPORARY SILT FENCE
NOT TO SCALE

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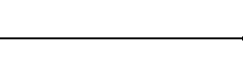
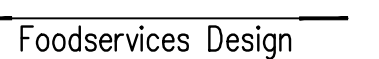
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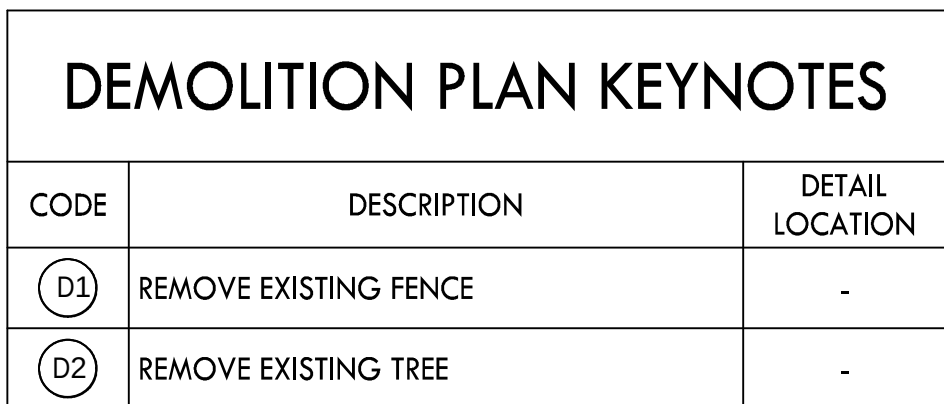


DEMOLITION PLAN
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOKA, FLORIDA

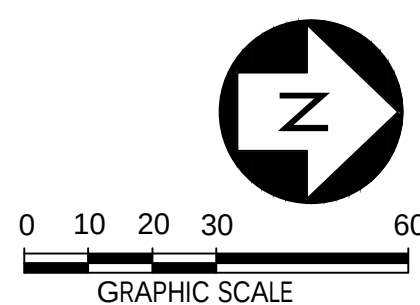
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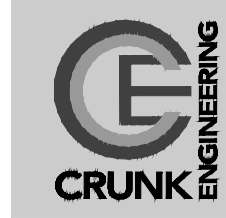
C4.0

NOT FOR CONSTRUCTION

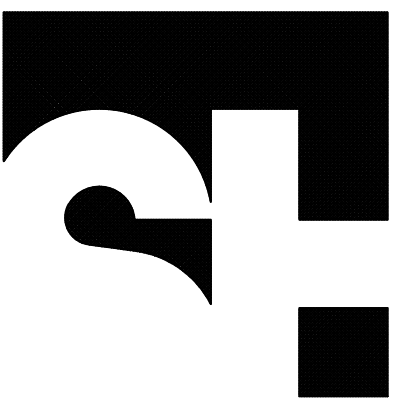


NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.





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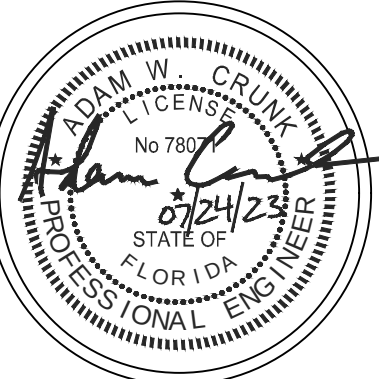
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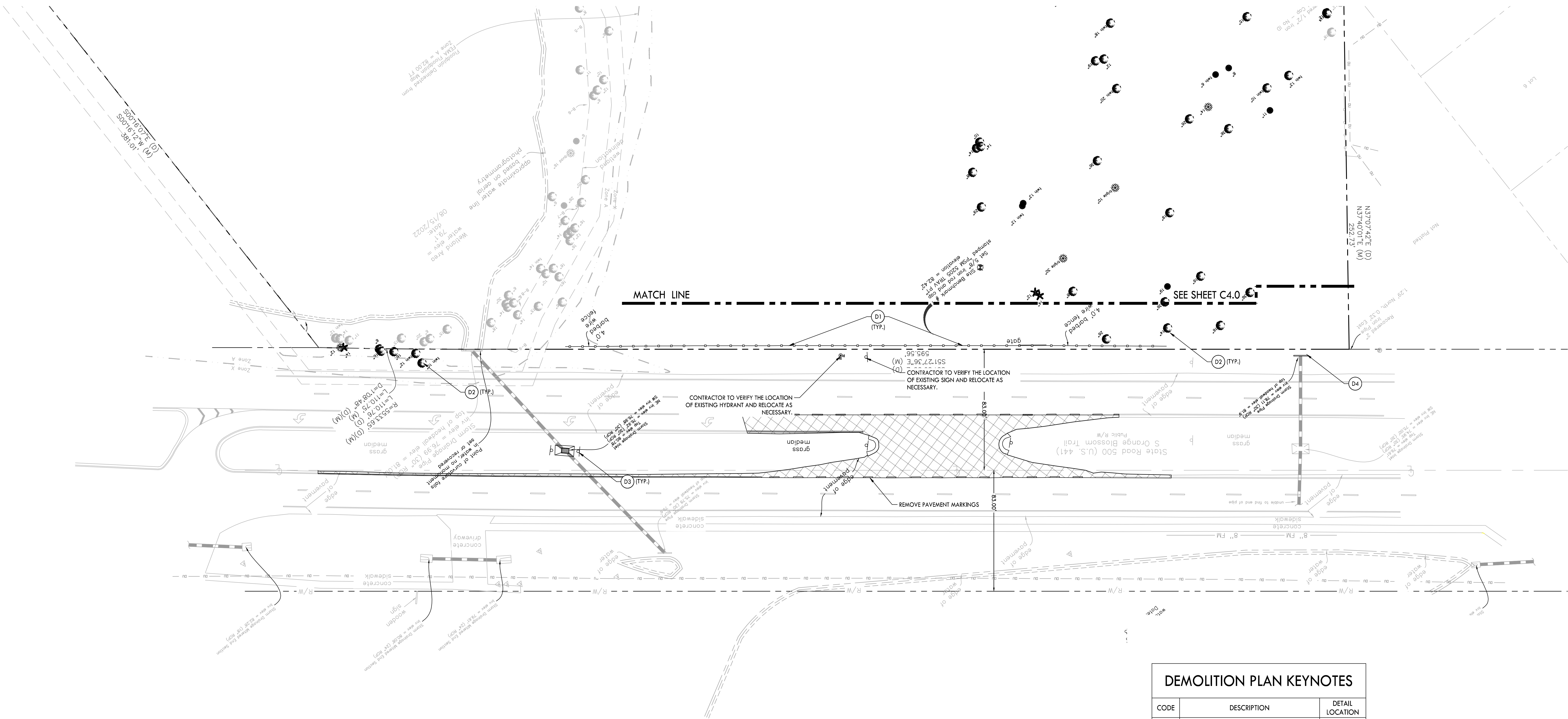
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APOPKA, FLORIDA

15 JUNE 2023

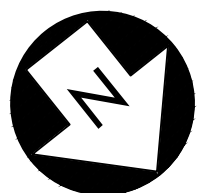
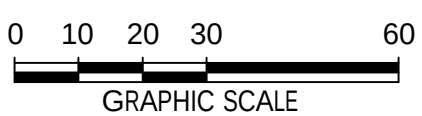
C4.1



DEMOLITION PLAN KEYNOTES

CODE	DESCRIPTION	DETAIL LOCATION
D1	REMOVE EXISTING FENCE	-
D2	REMOVE EXISTING TREE	-
D3	REMOVE EXISTING SIGN	-
D4	REMOVE EXISTING CONCRETE HEADWALL	-

NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.



SITE DATA TABLE

SITE ACREAGE: 10.34
EXISTING ZONING: AGRICULTURAL GRAZING OR VACANT
PROPOSED ZONING: C-8 REGIONAL COMMERCIAL
PROPOSED USE: HOSPITAL

BUILDING SETBACKS:

ACTUAL:
FRONT = 427 FT
REAR = 104 FT
LEFT SIDE = 159 FT
RIGHT SIDE = 139 FT

REQUIRED:
FRONT = 15 FT MIN
REAR = 10 FT MIN / 30 FT MIN WHEN ADJACENT TO A RESIDENTIAL USE OR A RESIDENTIAL DISTRICT
SIDE = 10 FT MIN

MAXIMUM BUILDING HEIGHT: 35 FT

FLOOR AREA RATIO = 99,497 SQ-FT / 450,070 SQ-FT = .221

TOTAL BEDS = 144

TOTAL BUILDING SQ-FT = 99,497
BUILDING SQ-FT DEDICATED TO OUTPATIENT SERVICES = 7,200
BUILDING SQ-FT DEDICATED TO INPATIENT SERVICES = 91,997
PERCENTAGE OF BUILDING SQ-FT DEDICATED TO OUTPATIENT SERVICES = 7.54%
PERCENTAGE OF BUILDING SQ-FT DEDICATED TO INPATIENT SERVICES = 92.46%

REQUIRED PARKING METRIC: 1.16 SPACES / BED

REQUIRED PARKING: 168 BEDS

PARKING DEDICATED TO INPATIENT SERVICES: 155 SPACES
PARKING DEDICATED TO OUTPATIENT SERVICES: 13 SPACES

REQUIRED ADA PARKING METRIC FOR INPATIENT SERVICES: IF BETWEEN 151 AND 200 PARKING SPACES, 6 ADA SPACES ARE REQUIRED.
REQUIRED ADA PARKING METRIC FOR OUTPATIENT SERVICES: 1.0% OF PARKING PROVIDED FOR OUTPATIENT SERVICES MUST BE ADA ACCESSIBLE

REQUIRED ADA SPACES FOR INPATIENT SERVICES: 6
REQUIRED ADA SPACES FOR OUTPATIENT SERVICES: 13*1 = 1.3 = 2

PROVIDED PARKING:
REGULAR SPACES = 160
A.D.A. SPACES = 8
TOTAL SPACES = 168

IMPERVIOUS AREA TO TOTAL AREA COVERAGE CALCULATIONS:
4.16 IMPERVIOUS ACRES / 10.34 TOTAL ACRES = 40.2% COVERAGE

ADJACENT NORTHERN PROPERTIES
EXISTING FUTURE LAND USE CATEGORIES:
UNINCORPORATED AND COMM
ZONING DESIGNATIONS:
UNINCORPORATED AND C-C

ADJACENT EASTERN PROPERTY
EXISTING FUTURE LAND USE CATEGORY:
UNINCORPORATED
ZONING DESIGNATION:
UNINCORPORATED

ADJACENT WESTERN PROPERTIES
EXISTING FUTURE LAND USE CATEGORIES:
INST. PU AND UNINCORPORATED
ZONING DESIGNATIONS:
O AND UNINCORPORATED

ADJACENT SOUTHERN PROPERTY
EXISTING FUTURE LAND USE CATEGORY:
COMM
ZONING DESIGNATION:
C-R

PER TABLE 5.4.4: REQUIRED OPEN SPACE SET-ASIDES IN THE APOPKA LAND DEVELOPMENT CODE (LDC). WE ARE IN THE FOLLOWING 2 CATEGORIES: "COMMERCIAL BASE, AND THE INST AND AIR DISTRICTS" AND "PUBLIC, CIVIC, AND INSTITUTIONAL USES", WHICH REQUIRES 10% MINIMUM OPEN SPACE SET-ASIDE AREA AS A PERCENTAGE OF DEVELOPMENT SITE AREA.
REQUIRED OPEN SPACE AREA = 45,007 SQ-FT
PROVIDED OPEN SPACE AREA = 158,197 SQ-FT

GREEN BUILDING STANDARDS:

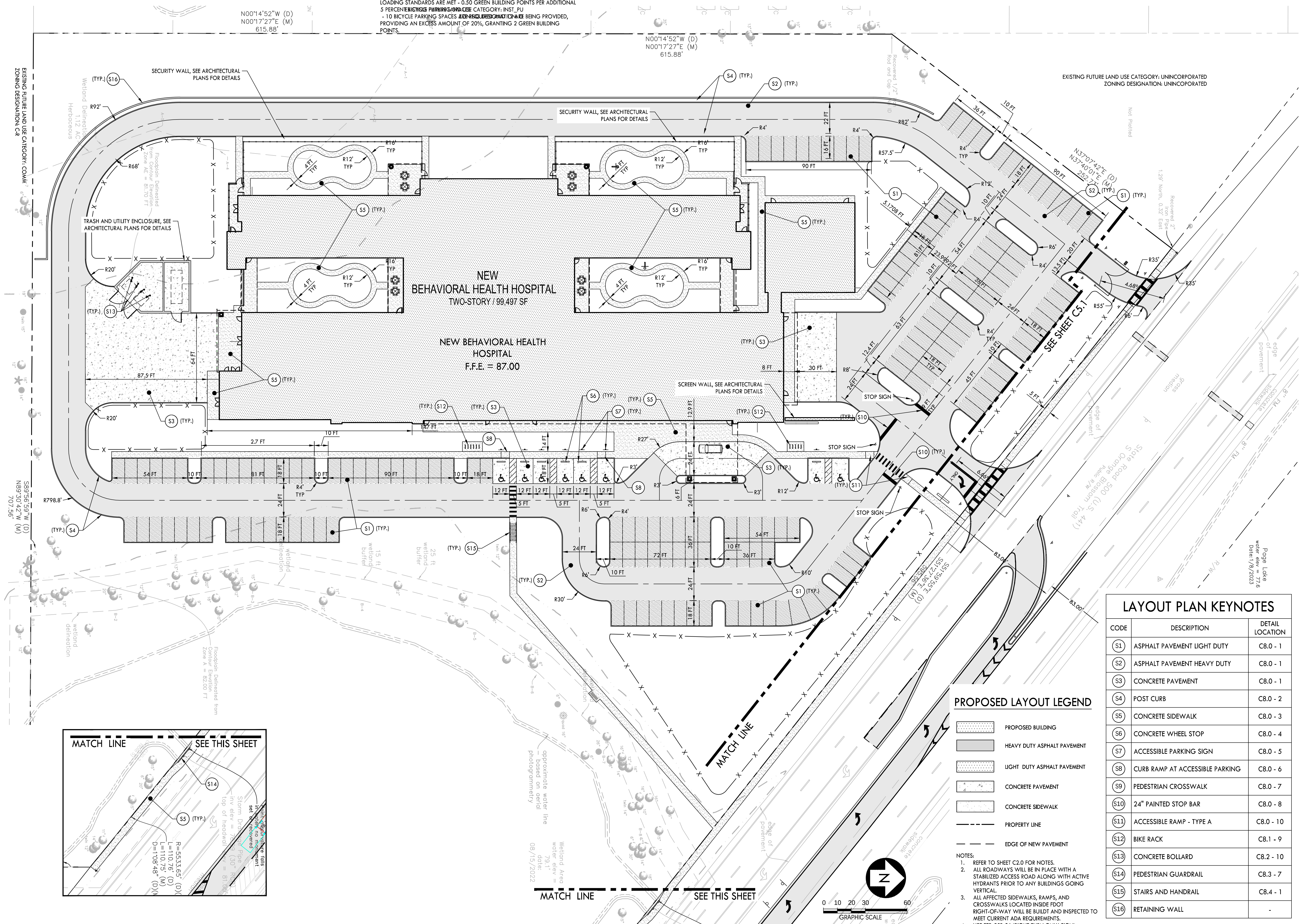
TOTAL GREEN BUILDING POINTS = 5.75

PROVIDE RAIN GARDENS, STREET-SIDE SWALES, OR OTHER APPROPRIATE STORM WATER INFILTRATION SYSTEM(S) THAT CAPTURES A MINIMUM OF 25 PERCENT OF SITE STORMWATER RUNOFF - 1.00 GREEN BUILDING POINT
- CURRENTLY 53.2% OF THE SITE'S STORMWATER RUNOFF IS BEING CAPTURED, GRANTING 1.00 GREEN BUILDING POINT.

RETAIN AT LEAST 20 PERCENT OF EXISTING PRE-DEVELOPMENT NATURAL VEGETATION - 0.75 GREEN BUILDING POINT
- CURRENTLY 35.1% OF THE SITE'S EXISTING NATURAL VEGETATION WILL BE RETAINED, GRANTING 0.75 GREEN BUILDING POINTS.

ELEVATE NEW AND/OR EXISTING STRUCTURES MORE THAN 3 FEET ABOVE BASE FLOOD ELEVATION (BFE) - 0.50 GREEN BUILDING POINTS PER FOOT ABOVE BFE
- THE SITE'S HIGHEST BFE IS 82 FT AND THE BUILDING ELEVATION IS SET TO 86 FT, GRANTING 2 GREEN BUILDING POINTS.

PROVIDE MORE BICYCLE PARKING THAN REQUIRED BY SEC. 5.1.11, BICYCLE PARKING STANDARDS, WHILE ENSURING THAT ALL OTHER BICYCLE PARKING STANDARDS IN SECTION 5.1.1, OFF-STREET PARKING, BICYCLE PARKING, AND LOADING STANDARDS ARE MET - 0.50 GREEN BUILDING POINTS PER ADDITIONAL 5 PERCENT BICYCLE PARKING ABOVE CATEGORY: INST. PU
- 10 BICYCLE PARKING SPACES REQUIRED BASED ON WATER BEING PROVIDED, PROVIDING AN EXCESS AMOUNT OF 20%, GRANTING 2 GREEN BUILDING POINTS.





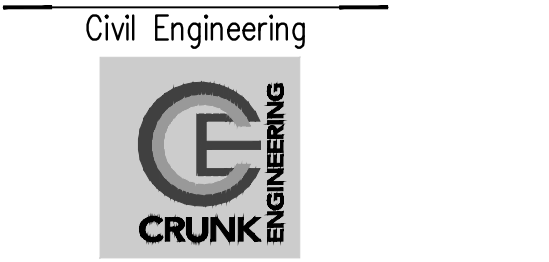
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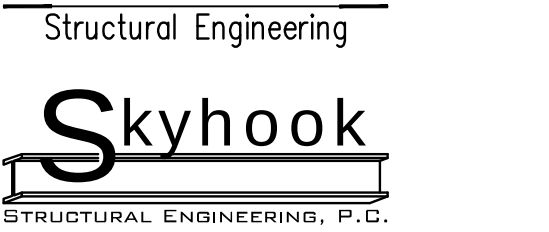
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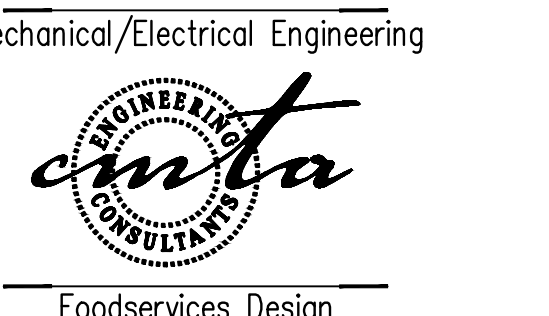
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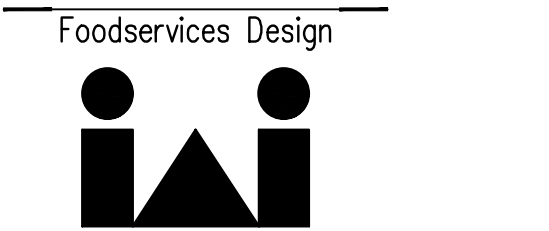
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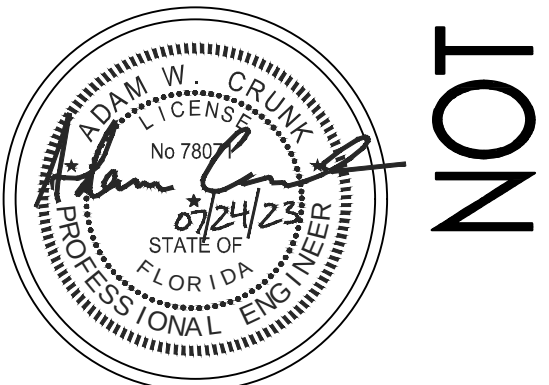


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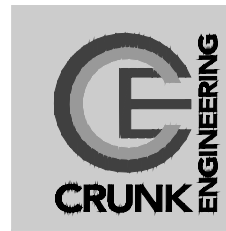
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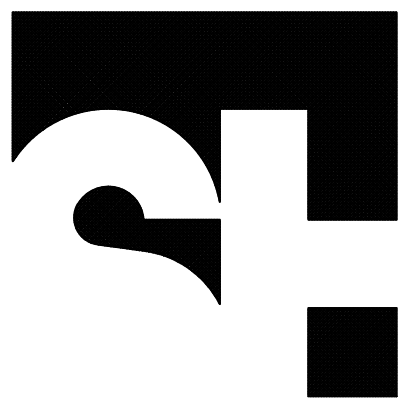
SITE LAYOUT PLAN
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C5.0



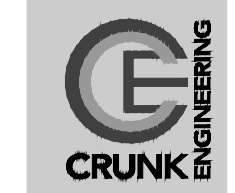
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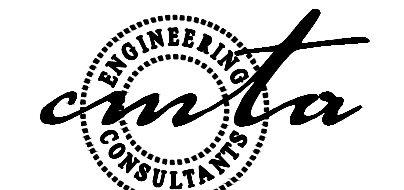
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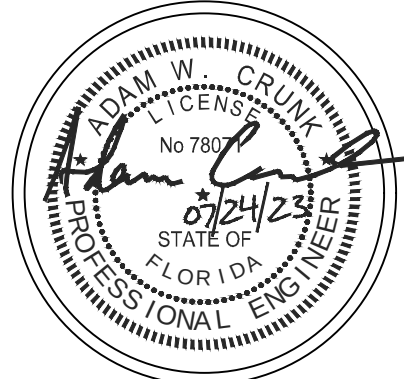
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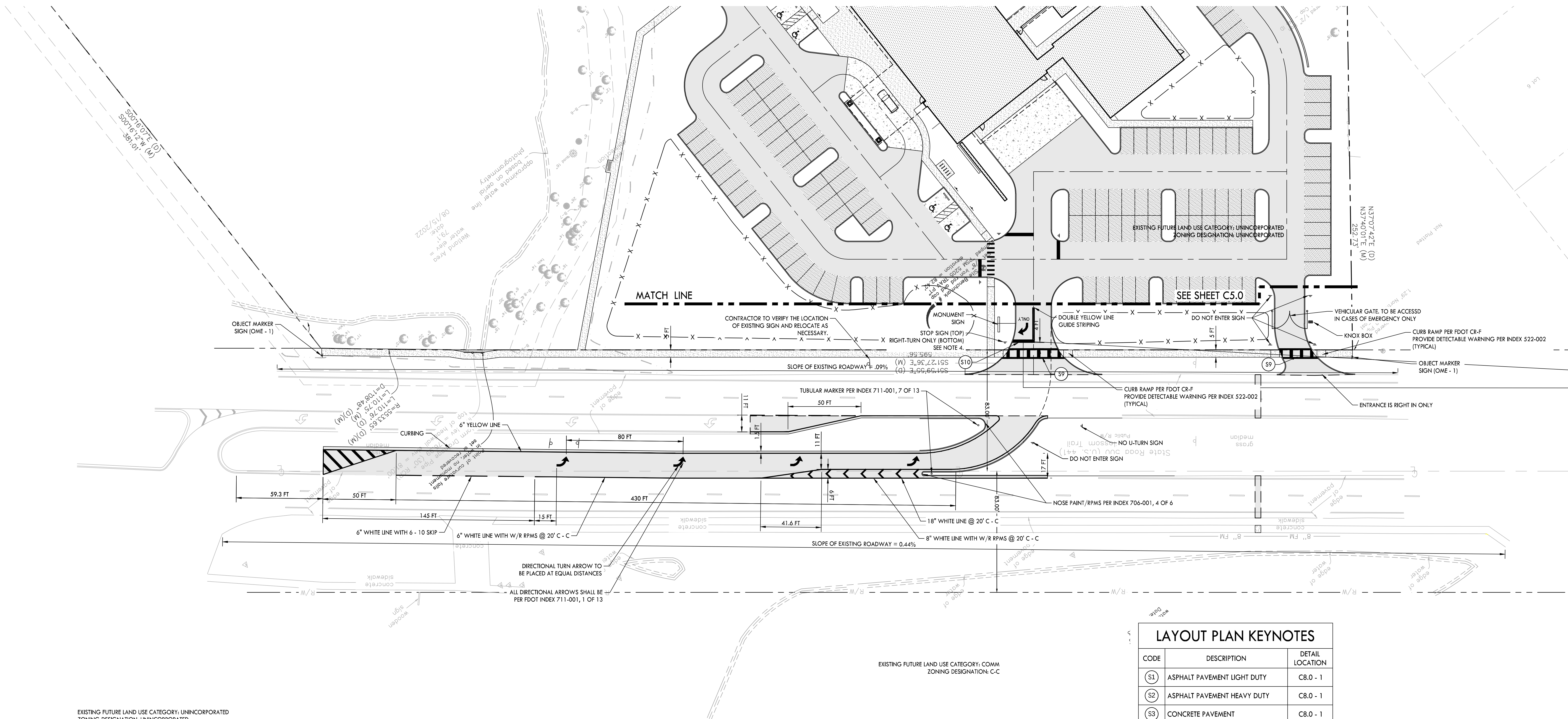
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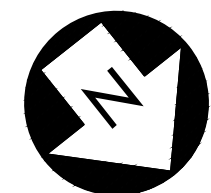
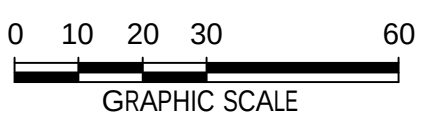
C5.1



PROPOSED LAYOUT LEGEND

- PROPOSED BUILDING
- HEAVY DUTY ASPHALT PAVEMENT
- LIGHT DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- PROPERTY LINE
- EDGE OF NEW PAVEMENT

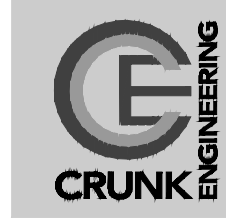
- NOTES:
- REFER TO SHEET C2.0 FOR NOTES.
 - ALL ROADWAYS WILL BE IN PLACE WITH A STABILIZED ACCESS ROAD ALONG WITH ACTIVE HYDRANTS PRIOR TO ANY BUILDINGS GOING VERTICAL.
 - ALL AFFECTED SIDEWALKS, RAMPS, AND CROSSWALKS LOCATED INSIDE FOOT RIGHT-OF-WAY WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
 - USE FTF-55R-06 (RIGHT TURN ONLY SIGN) - STANDARD PLANS INDEX 700-102-1 SHEET 7 OF 12.
 - POSTED SPEED LIMIT TO BE MAINTAINED.



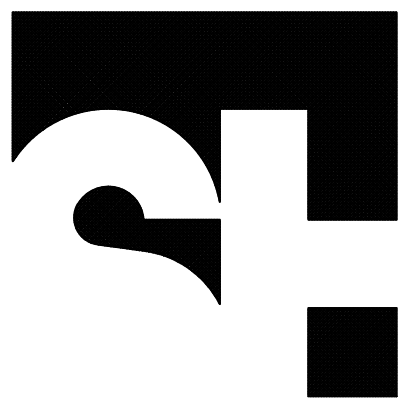
LAYOUT PLAN KEYNOTES

CODE	DESCRIPTION	DETAIL LOCATION
S1	ASPHALT PAVEMENT LIGHT DUTY	C8.0 - 1
S2	ASPHALT PAVEMENT HEAVY DUTY	C8.0 - 1
S3	CONCRETE PAVEMENT	C8.0 - 1
S4	POST CURB	C8.0 - 2
S5	CONCRETE SIDEWALK	C8.0 - 3
S6	CONCRETE WHEEL STOP	C8.0 - 4
S7	ACCESSIBLE PARKING SIGN	C8.0 - 5
S8	CURB RAMP AT ACCESSIBLE PARKING	C8.0 - 6
S9	PEDESTRIAN CROSSWALK	C8.0 - 7
S10	24" PAINTED STOP BAR	C8.0 - 8
S11	ACCESSIBLE RAMP - TYPE A	C8.0 - 10
S12	BIKE RACK	C8.1 - 9
S13	CONCRETE BOLLARD	C8.2 - 10
S14	PEDESTRIAN GUARDRAIL	C8.3 - 7
S15	STAIRS AND HANDRAIL	C8.4 - 1
S16	RETAINING WALL	-

EXISTING FUTURE LAND USE CATEGORY: UNINCORPORATED
ZONING DESIGNATION: UNINCORPORATED



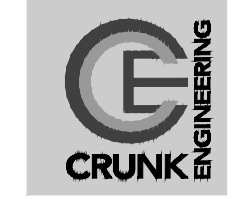
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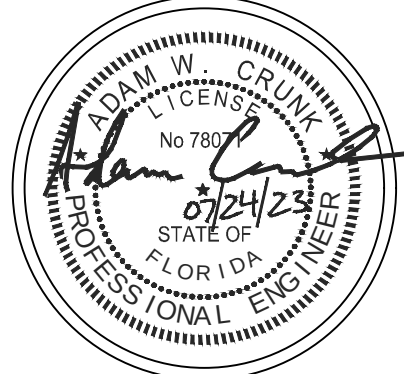
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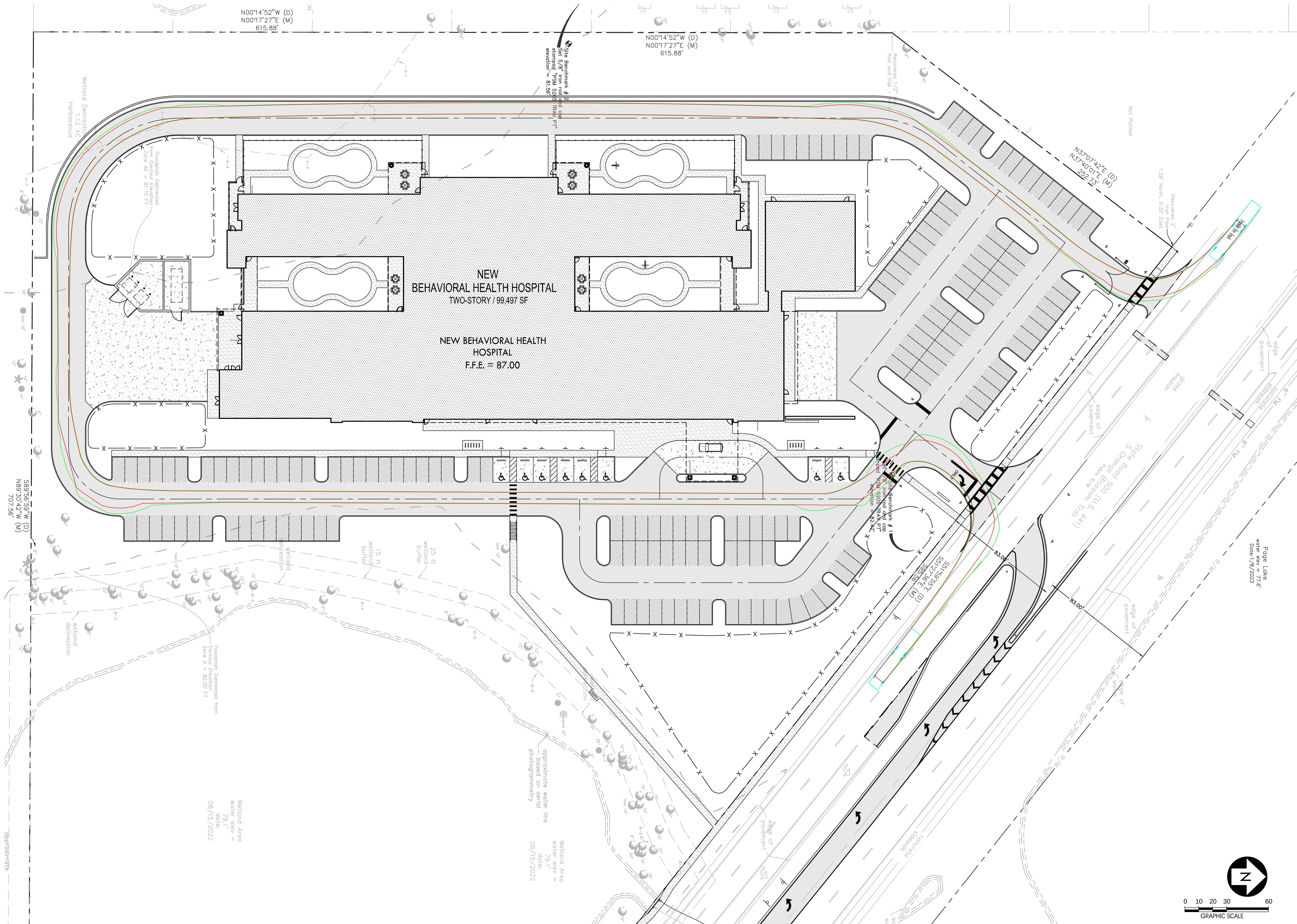


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C5.2

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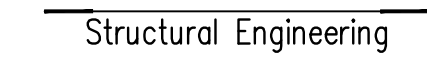
- NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.
 2. ALL ROADWAYS WILL BE IN PLACE WITH A STABILIZED ACCESS ROAD ALONG WITH ACTIVE HYDRANTS PRIOR TO ANY BUILDINGS GOING VERTICAL.



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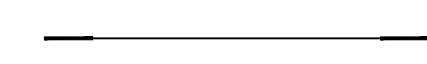
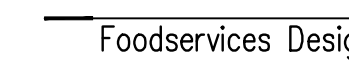
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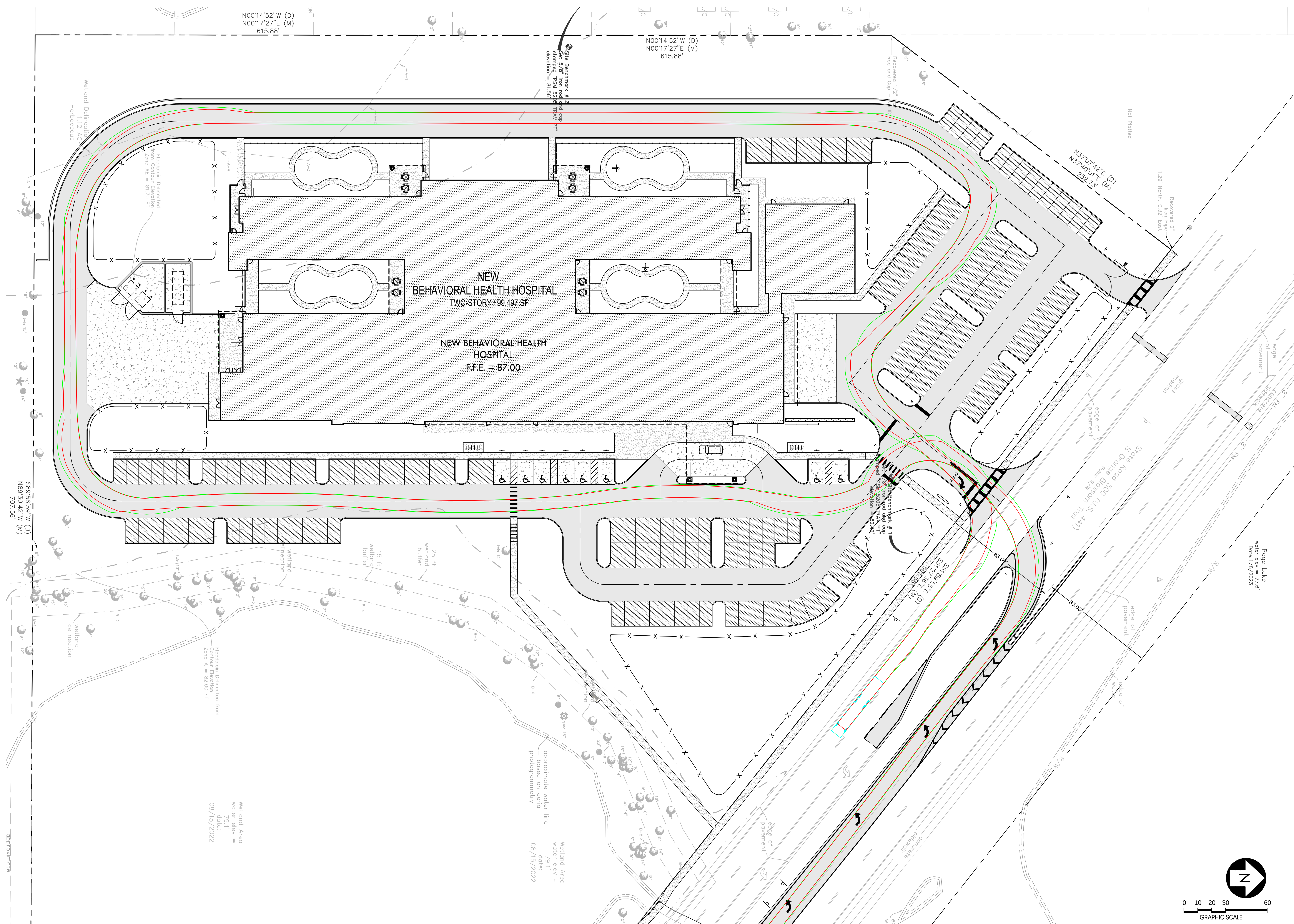
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CS.3

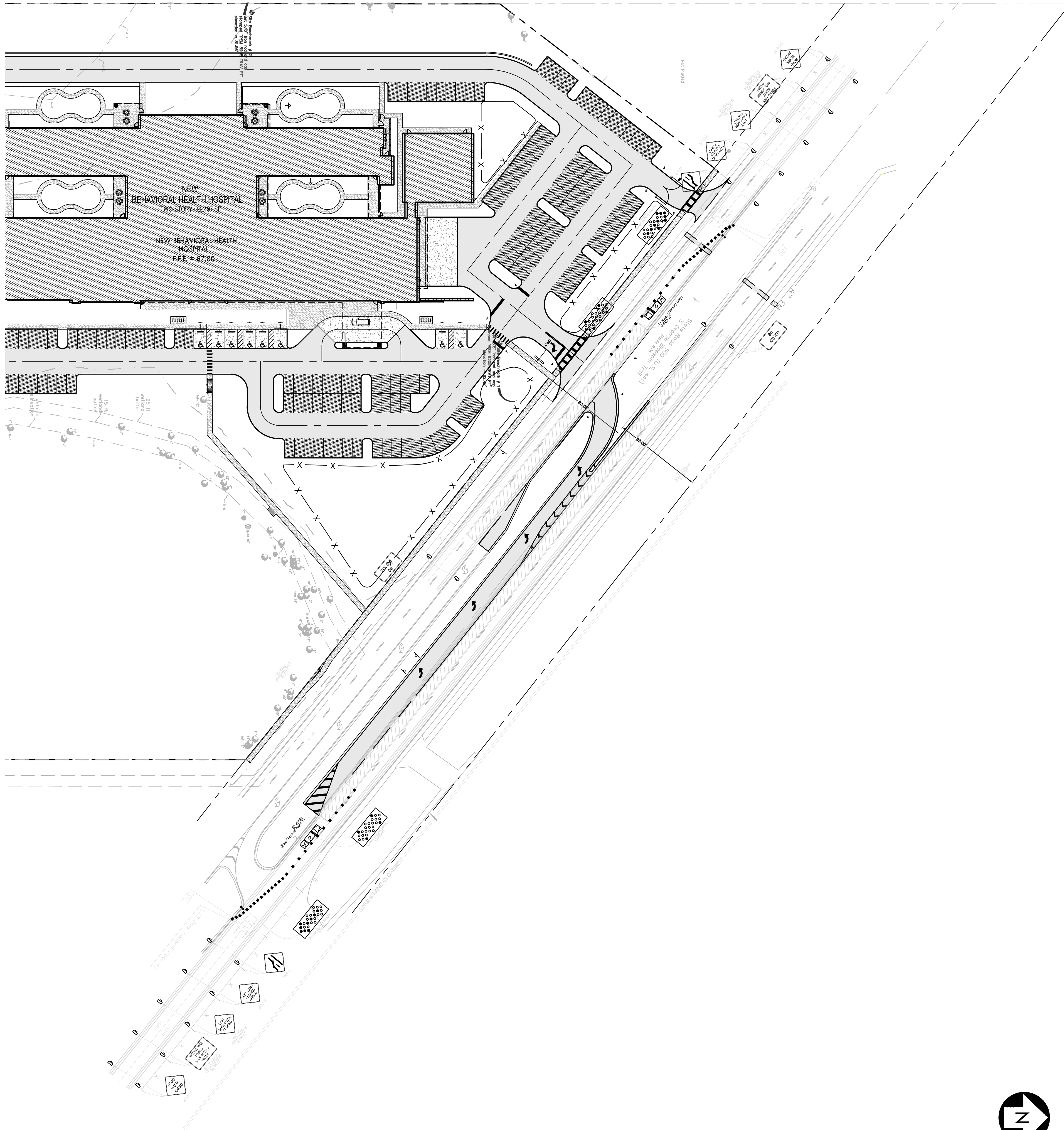
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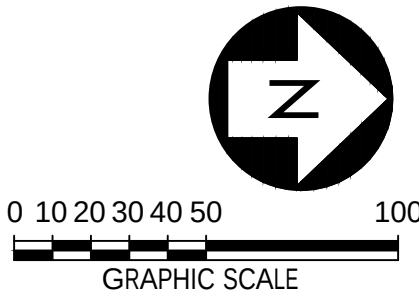
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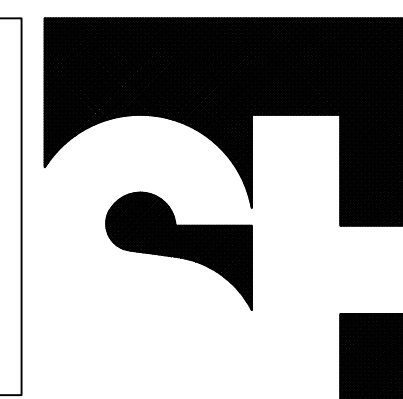
- GENERAL NOTE:
1. L = TAPER LENGTH
B = BUFFER LENGTH
X = WORK ZONE SIGN DISTANCE
SEE INDEX 102-600 FOR "L", "B", "X", AND CHANNELIZING DEVICE SPACING VALUES.
 2. IF THE PAVED SHOULDER IS LESS THAN 4' IN WIDTH, OMIT THE TAPER AND CHANNELIZING DEVICES FROM THE PAVED SHOULDER.
 3. THE "SPEEDING FINES DOUBLED WHEN WORKERS PRESENT" SIGNS (MOT-13-06) AND "END ROAD WORK" SIGNS (G20-2) AND "LEFT SHOULDER CLOSED" (W21-5A), ALONG WITH ASSOCIATED WORK ZONE SIGN DISTANCES, MAY BE OMITTED WHEN THE WORK OPERATION WILL BE IN PLACE FOR 24 HOURS OR LESS. FOR SIGNLE LANE CLOSURES, ARROW BOARDS AND BUFFER (B) MAY ALSO BE OMITTED WHEN THE WORK OPERATION WILL BE IN PLACE FOR 60 MINUTES OR LESS AND THE SPEED LIMIT IS 45 MPH OR LESS.
 4. USE INVERTED PLAN OF THE ILLUSTRATIONS FOR WORK ON LEFT SIDE OF ROADWAYS.
 5. TEMPORARY PAVEMENT MARKINGS MAY BE OMITTED WHEN THE WORK OPERATION IS IN PLACE FOR 3 DAYS OR LESS.
 6. POSTED SPEED LIMIT IS TO BE MAINTAINED.

- SYMBOLS:
- WORK AREA
 - CHANNELIZING DEVICE (SEE INDEX 102-600)
 - WORK ZONE SIGN
 - ARROW BOARD
 - LANE IDENTIFICATION AND DIRECTION OF TRAFFIC





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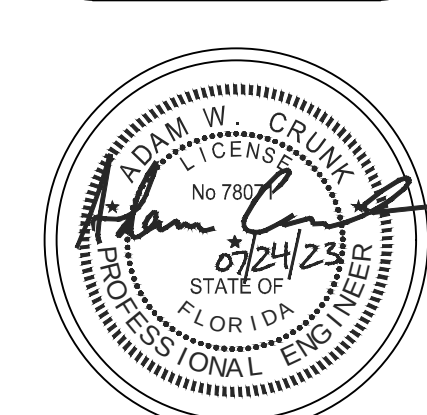
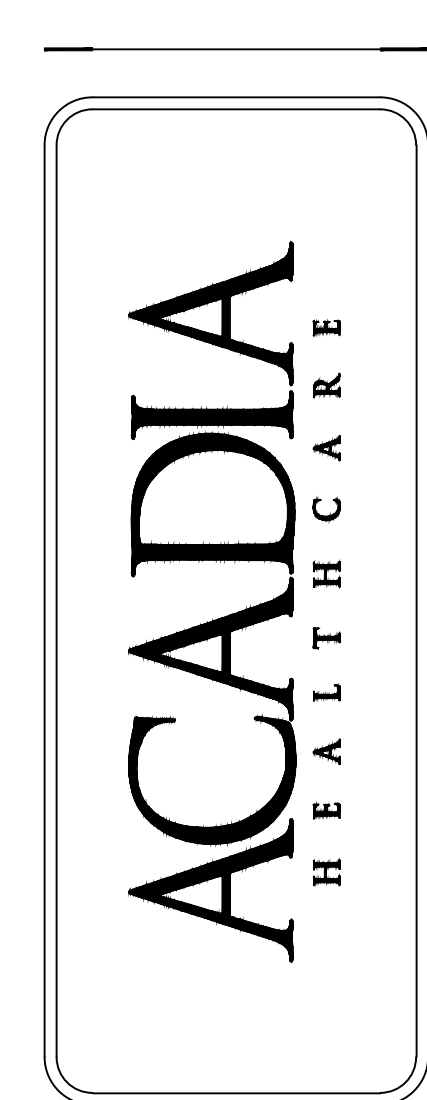
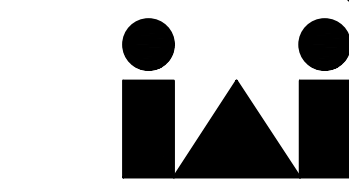
Structural Engineering



Mechanical/Electrical Engineering

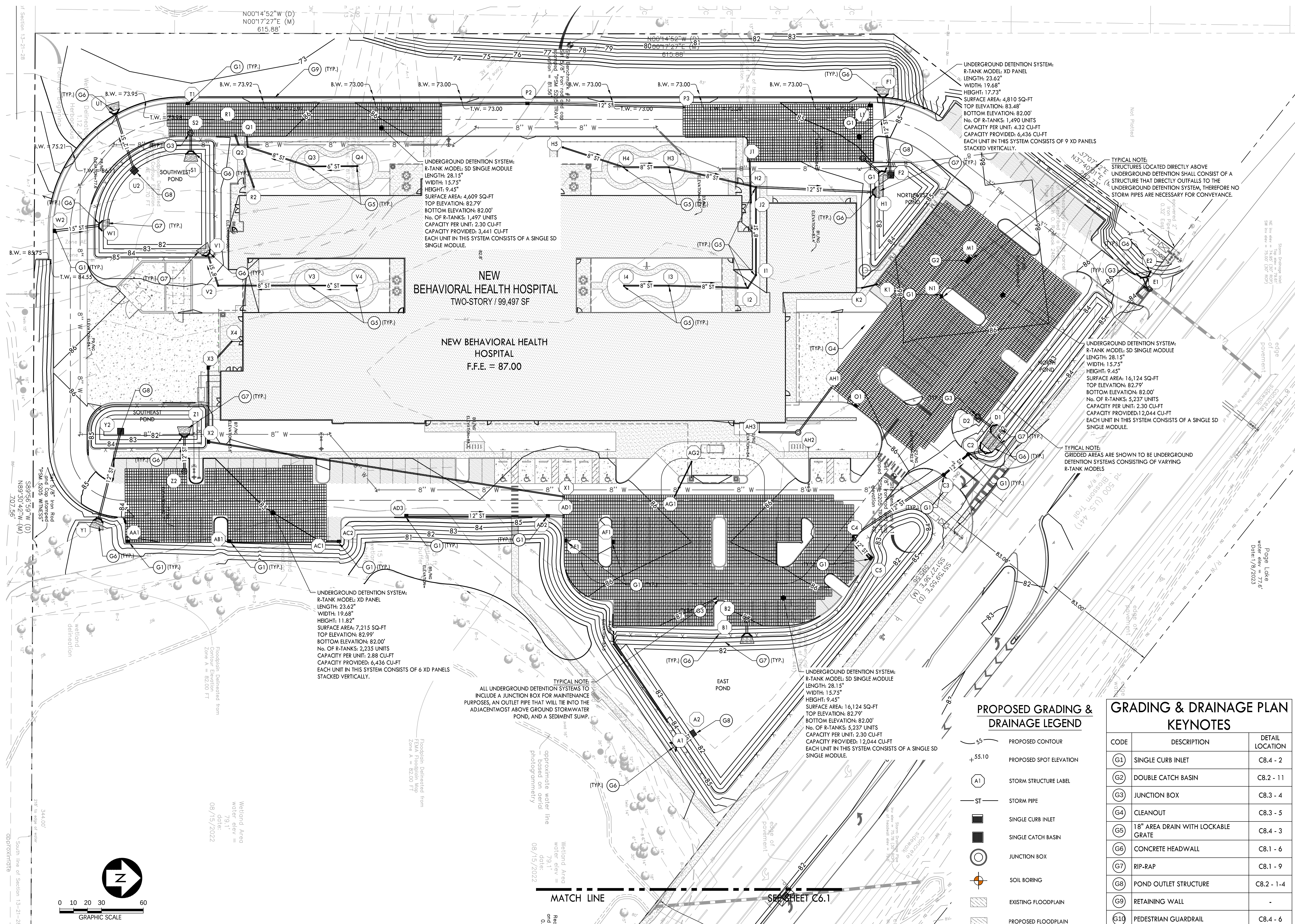
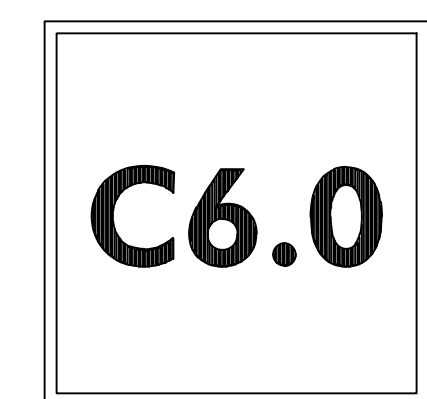


Foodservices Design



GRADING AND DRAINAGE PLANS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
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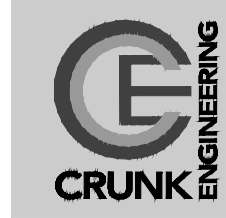
PROPOSED GRADING & DRAINAGE LEGEND

55	PROPOSED CONTOUR
+55.10	PROPOSED SPOT ELEVATION
A1	STORM STRUCTURE LABEL
ST	STORM PIPE
[Symbol]	SINGLE CURB INLET
[Symbol]	SINGLE CATCH BASIN
[Symbol]	JUNCTION BOX
[Symbol]	SOIL BORING
[Symbol]	EXISTING FLOODPLAIN
[Symbol]	PROPOSED FLOODPLAIN

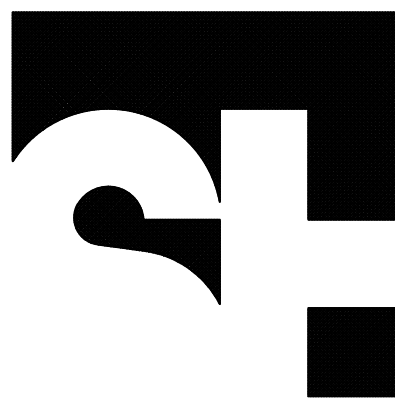
GRADING & DRAINAGE PLAN KEYNOTES

CODE	DESCRIPTION	DETAIL LOCATION
G1	SINGLE CURB INLET	C8.4 - 2
G2	DOUBLE CATCH BASIN	C8.2 - 11
G3	JUNCTION BOX	C8.3 - 4
G4	CLEANOUT	C8.3 - 5
G5	18" AREA DRAIN WITH LOCKABLE GRATE	C8.4 - 3
G6	CONCRETE HEADWALL	C8.1 - 6
G7	RIP-RAP	C8.1 - 9
G8	POND OUTLET STRUCTURE	C8.2 - 1-4
G9	RETAINING WALL	-
G10	PEDESTRIAN GUARDRAIL	C8.4 - 6

NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.
2. POND BOTTOM AND SIDE SLOPES WILL BE SEED TO MINIMIZE EROSION.



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Civil Engineering



Structural Engineering



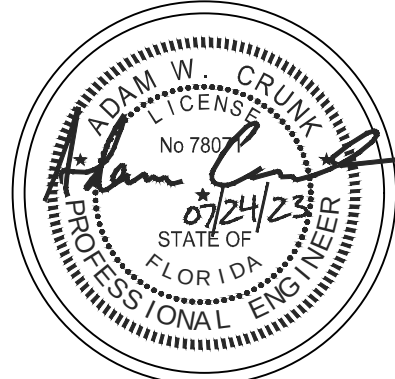
Mechanical/Electrical Engineering



Foodservices Design



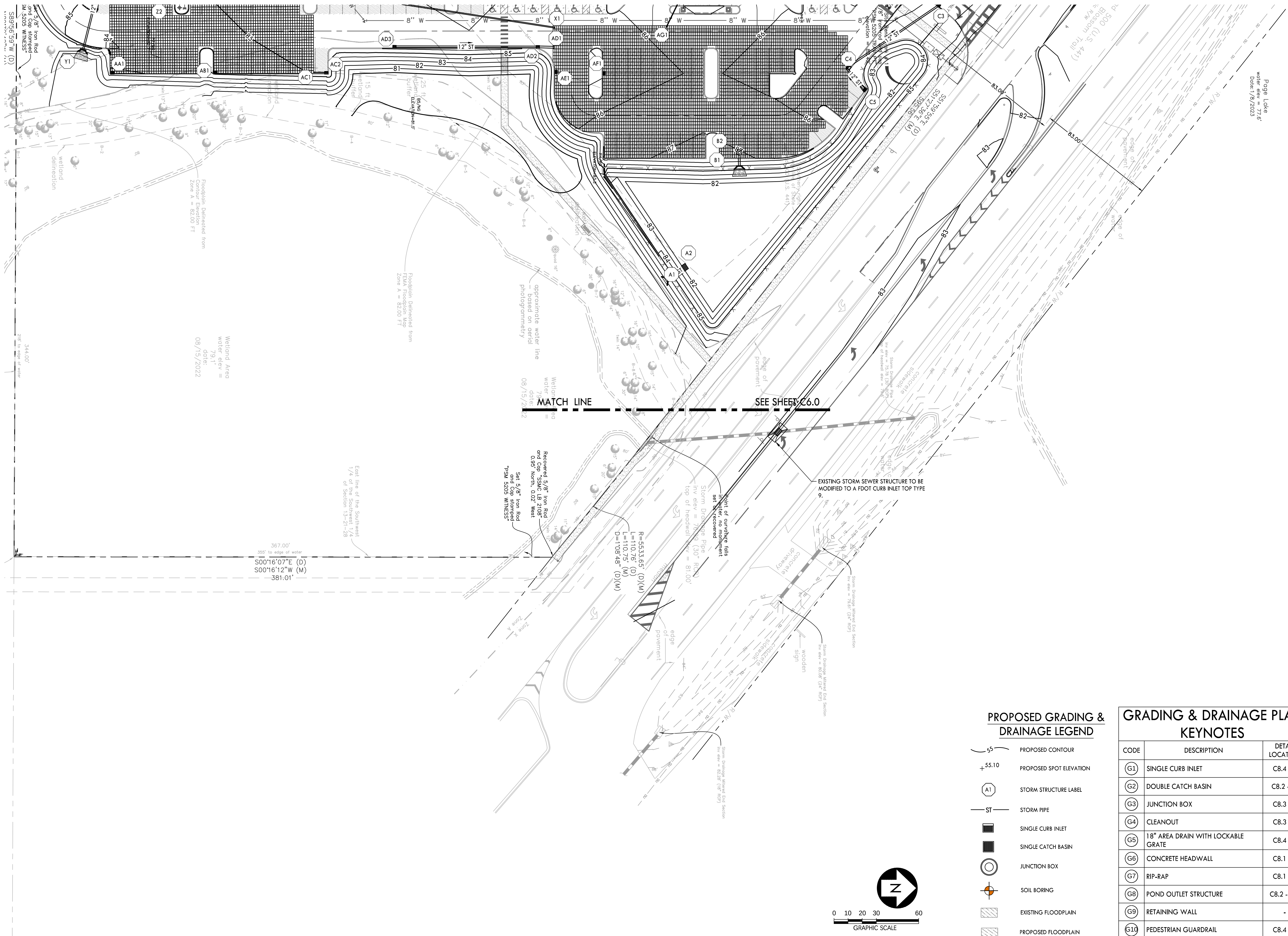
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HEALTH CARE



GRADING & DRAINAGE PLANS
NEW BEHAVIORAL HEALTH HOSPITAL
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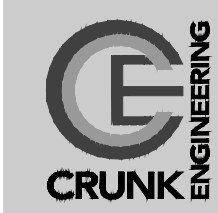
C6.1



STORM STRUCTURE TABLE			
ID	RIM	INVERT	TYPE
A1	83.36	81.00	CONCRETE HEADWALL
A2	84.00	82.00	OUTLET STRUCTURE
AA1	83.80	80.59	SINGLE CURB INLET
AB1	84.51	81.40	SINGLE CURB INLET
AC1	83.16	82.16	SINGLE CURB INLET
AC2	85.08	82.20	SINGLE CURB INLET
AD1	83.76	82.20	R-TANK CONNECTION
AD2	85.39	82.20	SINGLE CURB INLET
AD3	85.56	82.70	SINGLE CURB INLET
AE1	85.11	81.95	SINGLE CURB INLET
AF1	85.44	81.78	SINGLE CURB INLET
AG1	-1.37	-2.37	SINGLE CURB INLET
AG2	0.00	-2.04	STORM CLEANOUT
AH1	-1.45	-2.93	SINGLE CURB INLET
AH2	0.00	-2.52	JUNCTION MANHOLE
AH3	0.00	-2.38	STORM CLEANOUT
B1	85.94	81.63	CONCRETE HEADWALL
B2	87.03	82.00	JUNCTION MANHOLE
C1	83.07	81.43	CONCRETE HEADWALL
C2	84.99	82.00	SINGLE CURB INLET
C3	85.01	82.00	SINGLE CURB INLET
C4	84.98	82.00	SINGLE CURB INLET
C5	84.95	82.30	SINGLE CURB INLET
D1	84.43	82.00	CONCRETE HEADWALL
D2	86.81	82.00	JUNCTION MANHOLE
E1	83.81	78.20	JUNCTION MANHOLE
E2	84.59	79.10	CONCRETE HEADWALL
F1	79.00	75.00	CONCRETE HEADWALL
F2	84.00	82.00	OUTLET STRUCTURE
G1	83.05	81.42	CONCRETE HEADWALL
G2	85.04	82.00	JUNCTION MANHOLE
H1	84.50	82.70	CONCRETE HEADWALL
H2	86.61	83.20	12" NYLOPLAST
H3	86.49	83.50	12" NYLOPLAST
H4	86.41	83.70	12" NYLOPLAST
H5	86.33	84.00	12" NYLOPLAST
I1	86.84	84.00	12" NYLOPLAST
I2	87.00	84.10	12" NYLOPLAST
I3	87.00	84.30	12" NYLOPLAST
I4	87.00	84.50	12" NYLOPLAST
J1	82.96	81.79	SINGLE CURB INLET
J2	0.00	-2.04	STORM CLEANOUT
K1	82.79	81.79	SINGLE CURB INLET
K2	0.00	-2.04	STORM CLEANOUT
L1	84.33	79.33	SINGLE CATCH BASIN
M1	85.27	82.64	DOUBLE CATCH BASIN
N1	85.60	82.52	SINGLE CURB INLET
O1	85.78	80.78	SINGLE CURB INLET
P2	85.24	82.70	SINGLE CURB INLET
P2 - P1	83.69	82.39	SINGLE CURB INLET
P3	83.30	82.00	SINGLE CURB INLET
Q1	82.96	81.96	SINGLE CURB INLET
Q2	86.32	82.25	12" NYLOPLAST
Q3	86.60	84.30	12" NYLOPLAST
Q4	86.61	84.50	12" NYLOPLAST
R1	82.96	81.79	SINGLE CURB INLET
R2	0.00	-2.04	STORM CLEANOUT
S1	83.05	81.42	CONCRETE HEADWALL
S2	85.29	82.00	JUNCTION MANHOLE
T1	85.06	82.51	SINGLE CURB INLET
U1	79.00	73.00	CONCRETE HEADWALL
U2	84.00	81.00	OUTLET STRUCTURE
V1	84.44	82.90	CONCRETE HEADWALL
V2	86.60	83.00	12" NYLOPLAST
V3	86.50	83.40	12" NYLOPLAST
V4	86.50	83.50	12" NYLOPLAST
W1	84.00	82.00	CONCRETE HEADWALL
W2	85.00	82.20	SINGLE CURB INLET
X1	0.00	-3.72	SINGLE CURB INLET
X2	0.00	-2.43	SINGLE CURB INLET
X3	0.00	-2.16	SINGLE CURB INLET
X4	0.00	-2.04	STORM CLEANOUT
Y1	85.73	81.16	CONCRETE HEADWALL
Y2	83.77	81.95	OUTLET STRUCTURE
Z1	83.05	81.42	CONCRETE HEADWALL
Z2	84.71	81.05	JUNCTION MANHOLE

STORM PIPE TABLE								
INLET	INVERT	OUTLET	INVERT	LENGTH (FT)	SLOPE (%)	SHAPE	DIAMETER (IN)	MATERIAL
A2	82.00	A1	81.00	14.62	6.84%	CIRCULAR	12	HDPE
AC2	82.20	AC1	82.20	8.94	0.00%	CIRCULAR	8	HDPE
AD2	82.20	AD1	82.20	11.40	0.00%	CIRCULAR	15	HDPE
AD3	82.70	AD2	82.20	101.54	0.49%	CIRCULAR	12	HDPE
AG2	85.00	AG1	82.00	27.93	10.74%	CIRCULAR	4	HDPE
AH2	82.00	AH1	82.00	40.24	0.00%	CIRCULAR	10	HDPE
AH3	82.00	AH2	82.00	27.96	0.00%	CIRCULAR	10	HDPE
B2	82.00	B1	82.00	9.57	0.00%	CIRCULAR	15	HDPE
C1	82.00	C2	82.00	10.48	0.00%	CIRCULAR	12	HDPE
C2	82.00	C3	82.00	23.23	0.00%	CIRCULAR	12	HDPE
C4	82.00	C3	82.00	78.93	0.00%	CIRCULAR	12	HDPE
C3	82.30	C4	82.00	20.24	1.48%	CIRCULAR	12	HDPE
D2	82.00	D1	82.00	12.55	0.00%	CIRCULAR	12	HDPE
E2	79.10	E1	78.20	9.05	9.94%	CIRCULAR	30	RCP
F2	82.00	F1	75.00	56.20	12.45%	CIRCULAR	12	HDPE
G2	82.00	G1	82.00	15.73	0.00%	CIRCULAR	12	HDPE

STORM PIPE TABLE								
INLET	INVERT	OUTLET	INVERT	LENGTH (FT)	SLOPE (%)	SHAPE	DIAMETER (IN)	MATERIAL
H2	83.20	H1	82.70	84.01	0.60%	CIRCULAR	12	HDPE
H3	83.50	H2	83.20	64.19	0.47%	CIRCULAR	8	HDPE
H4	83.70	H3	83.50	32.00	0.63%	CIRCULAR	8	HDPE
H5	84.00	H4	83.70	46.18	0.65%	CIRCULAR	8	HDPE
I1	84.00	H2	83.70	63.16	0.47%	CIRCULAR	8	HDPE
I2	84.10	I1	84.00	10.90	0.92%	CIRCULAR	8	HDPE
I3	84.30	I2	84.10	56.73	0.35%	CIRCULAR	8	HDPE
I4	84.50	I3	84.30	32.00	0.63%	CIRCULAR	8	HDPE
J2	83.00	J1	82.00	30.31	3.30%	CIRCULAR	8	HDPE
K2	83.00	K1	82.00	11.49	8.71%	CIRCULAR	6	HDPE
P2	82.00	P2 - P1	82.00	62.46	0.00%	CIRCULAR	12	HDPE
P2	82.00	P3	82.00	112.66	0.00%	CIRCULAR	12	HDPE
Q2	82.30	Q1	82.00	7.69	3.90%	CIRCULAR	8	HDPE
Q3	84.30	Q2	82.30	46.72	4.28%	CIRCULAR	8	HDPE
Q4	84.50	Q3	84.30	34.16	0.59%	CIRCULAR	6	HDPE
R2	83.00	R1	82.00	40.18	2.49%	CIRCULAR	8	HDPE



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Structural Engineering



Mechanical/Electrical Engineering

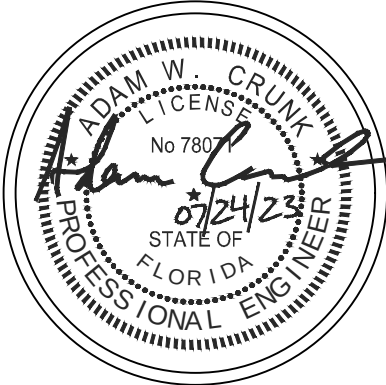


Foodservices Design



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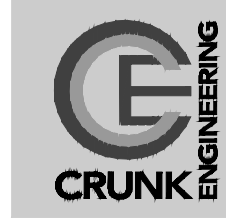
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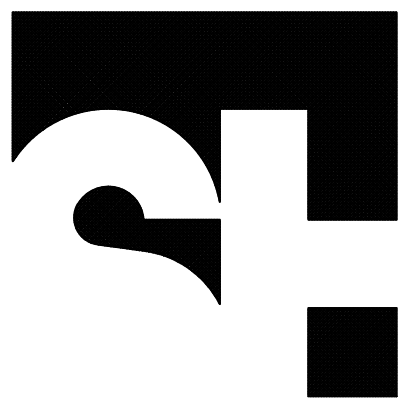
STORM PIPE AND STRUCTURE TABLES
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

C6.2



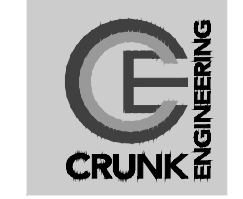
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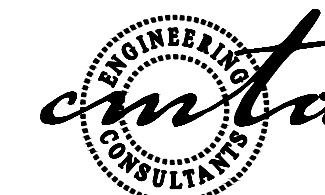
Civil Engineering



Structural Engineering



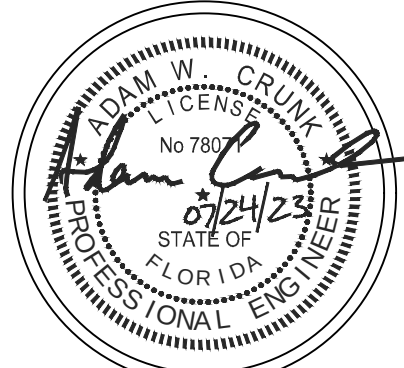
Mechanical/Electrical Engineering



Foodservices Design



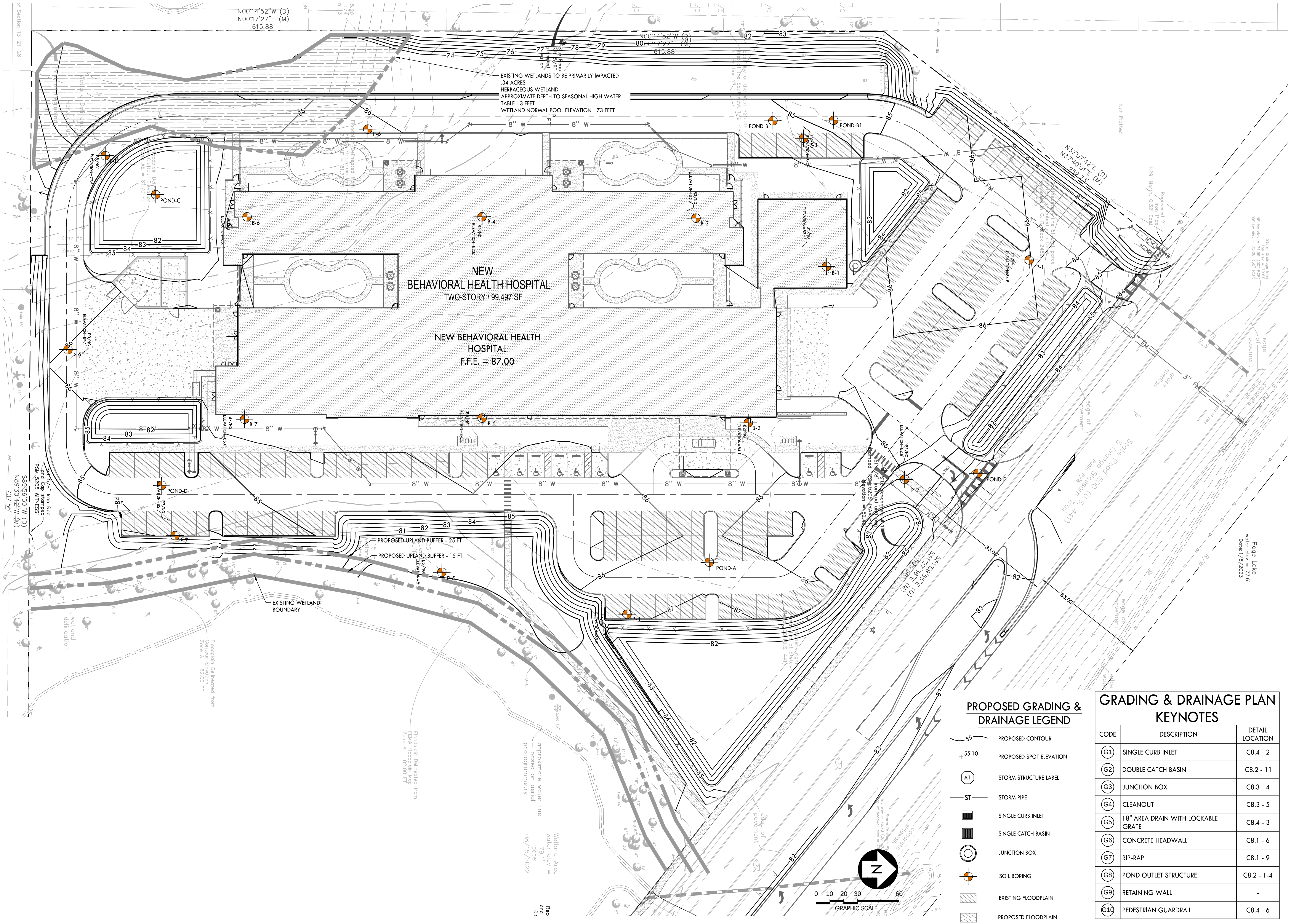
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PROPOSED WETLAND IMPACT
NEW BEHAVIORAL HEALTH HOSPITAL
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C6.3



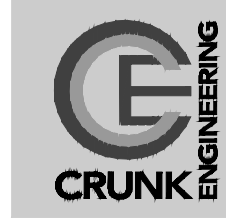
PROPOSED GRADING & DRAINAGE LEGEND

- 5'-5" PROPOSED CONTOUR
- +55.10 PROPOSED SPOT ELEVATION
- (A1) STORM STRUCTURE LABEL
- ST STORM PIPE
- SINGLE CURB INLET
- SINGLE CATCH BASIN
- JUNCTION BOX
- SOIL BORING
- EXISTING FLOODPLAIN
- PROPOSED FLOODPLAIN

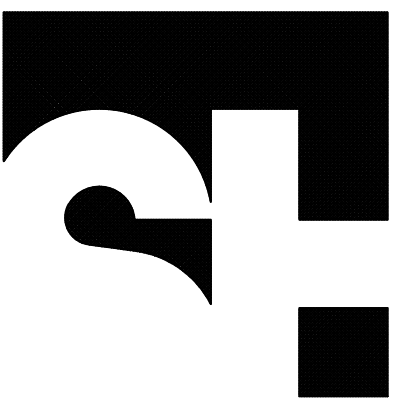
GRADING & DRAINAGE PLAN KEYNOTES

CODE	DESCRIPTION	DETAIL LOCATION
G1	SINGLE CURB INLET	C8.4 - 2
G2	DOUBLE CATCH BASIN	C8.2 - 11
G3	JUNCTION BOX	C8.3 - 4
G4	CLEANOUT	C8.3 - 5
G5	18" AREA DRAIN WITH LOCKABLE GRATE	C8.4 - 3
G6	CONCRETE HEADWALL	C8.1 - 6
G7	RIP-RAP	C8.1 - 9
G8	POND OUTLET STRUCTURE	C8.2 - 1-4
G9	RETAINING WALL	-
G10	PEDESTRIAN GUARDRAIL	C8.4 - 6

NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.
2. POND BOTTOM AND SIDE SLOPES WILL BE SEED TO MINIMIZE EROSION.



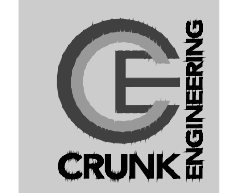
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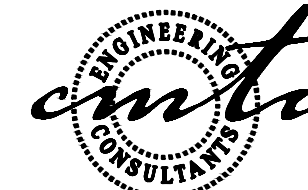
Civil Engineering



Structural Engineering



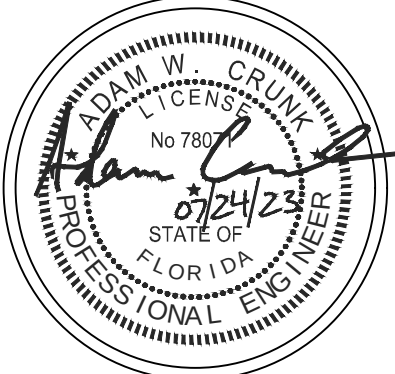
Mechanical/Electrical Engineering



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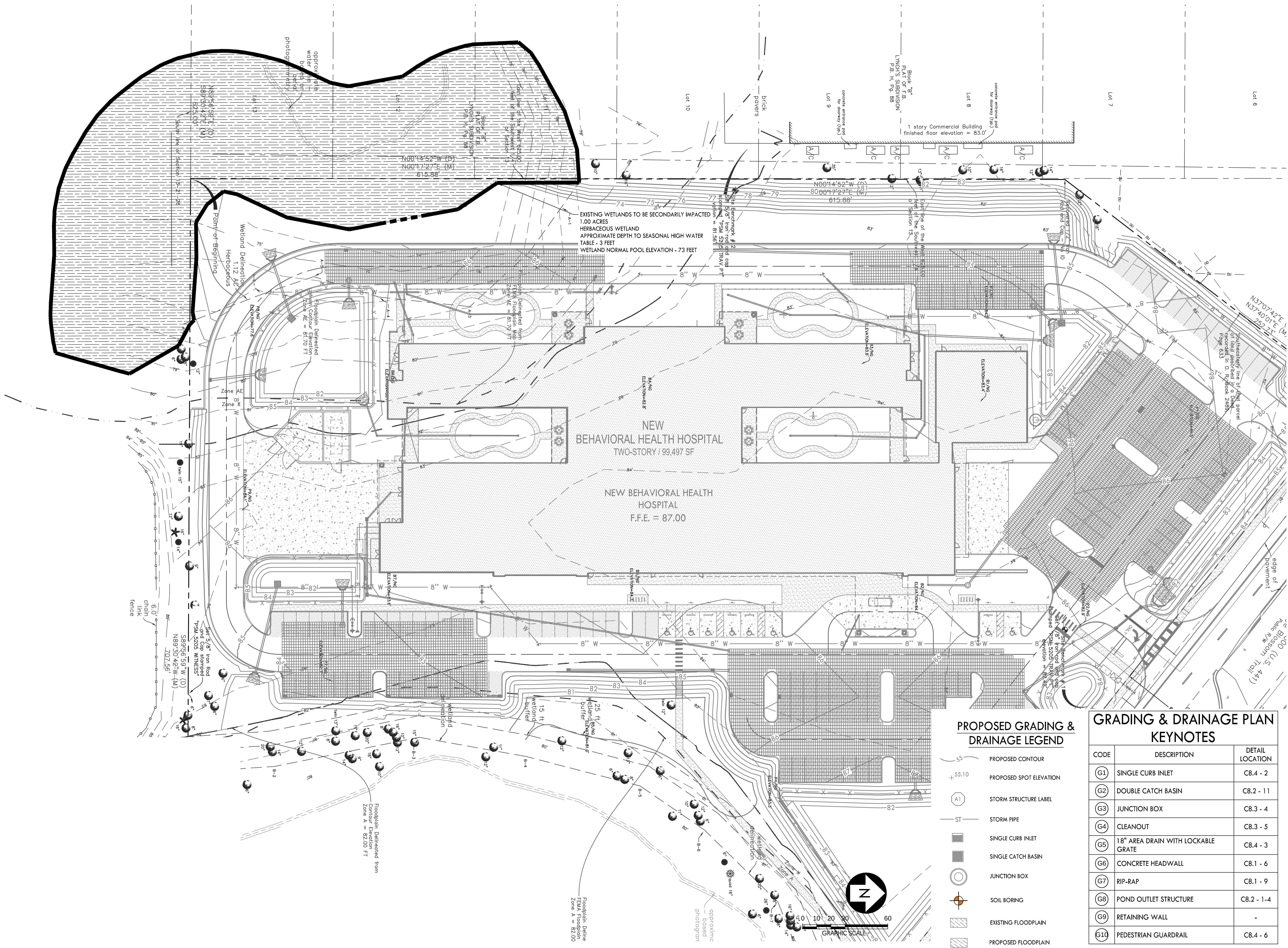


PROPOSED WETLAND IMPACT
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C6.4

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PROPOSED GRADING & DRAINAGE LEGEND

- 55' PROPOSED CONTOUR
- +55.10 PROPOSED SPOT ELEVATION
- (A1) STORM STRUCTURE LABEL
- ST STORM PIPE
- SINGLE CURB INLET
- SINGLE CATCH BASIN
- JUNCTION BOX
- SOIL BORING
- EXISTING FLOODPLAIN
- PROPOSED FLOODPLAIN

GRADING & DRAINAGE PLAN KEYNOTES

CODE	DESCRIPTION	DETAIL LOCATION
(G1)	SINGLE CURB INLET	C8.4 - 2
(G2)	DOUBLE CATCH BASIN	C8.2 - 11
(G3)	JUNCTION BOX	C8.3 - 4
(G4)	CLEANOUT	C8.3 - 5
(G5)	18" AREA DRAIN WITH LOCKABLE GRATE	C8.4 - 3
(G6)	CONCRETE HEADWALL	C8.1 - 6
(G7)	RIP-RAP	C8.1 - 9
(G8)	POND OUTLET STRUCTURE	C8.2 - 1-4
(G9)	RETAINING WALL	-
(G10)	PEDESTRIAN GUARDRAIL	C8.4 - 6

- NOTES:
- REFER TO SHEET C2.0 FOR NOTES.
 - POND BOTTOM AND SIDE SLOPES WILL BE SEED TO MINIMIZE EROSION.

FLOODPLAIN ZONE A: FILL VOLUME CALCULATIONS			
ELEVATION (FT)	AREA (FT)	VOLUME (CU-FT)	CUMULATIVE VOLUME (CU-FT)
74	495	0	0
75	1,939	1,217	1,217
76	3,875	2,907	4,124
77	6,451	5,163	9,287
78	10,226	8,339	17,625
79	14,478	12,352	29,978
80	19,389	16,934	46,912
81	26,234	22,811	69,723
81.7	33,325	20,845	90,568

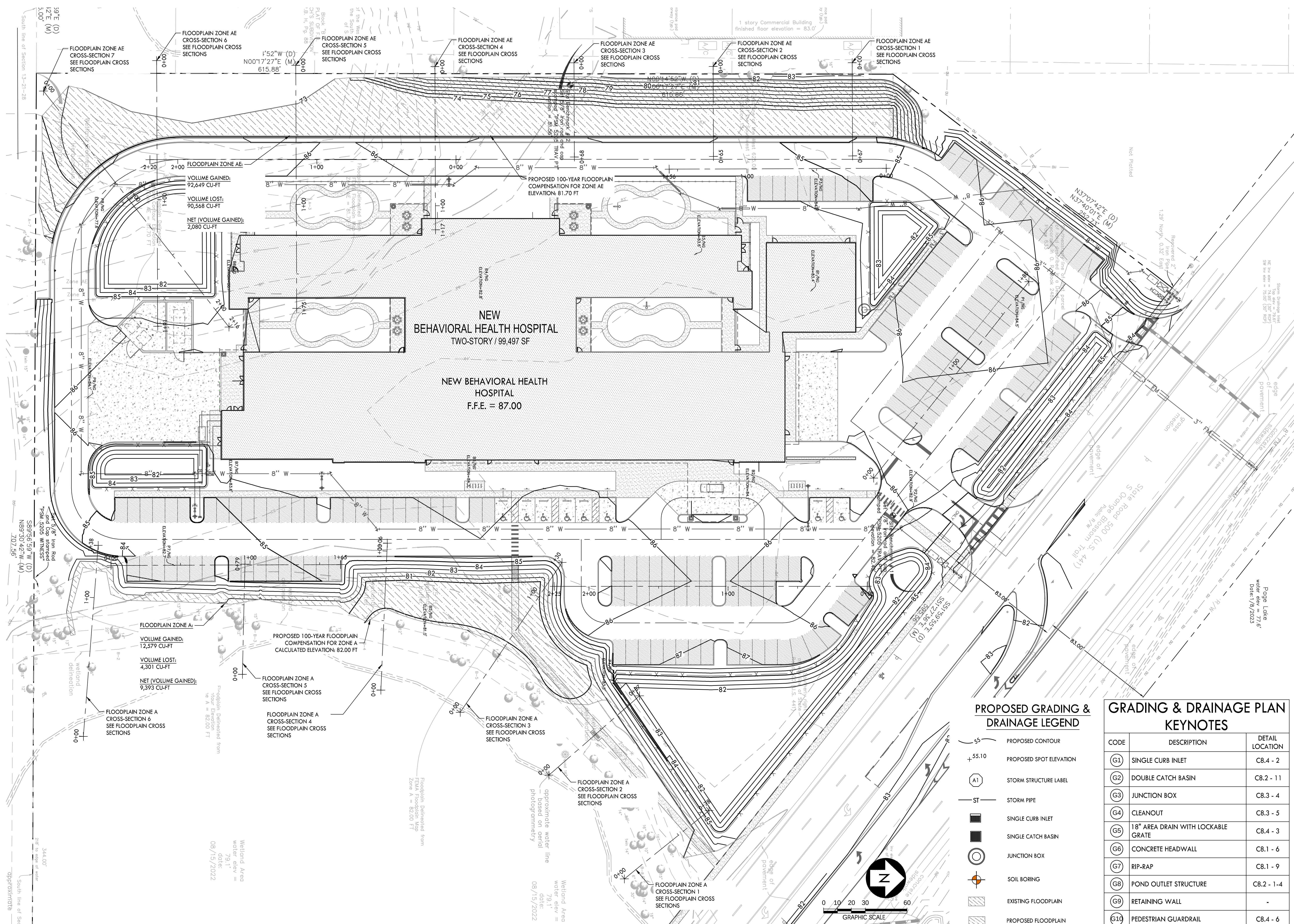
FLOODPLAIN ZONE A: FILL VOLUME CALCULATIONS			
ELEVATION (FT)	AREA (FT)	VOLUME (CU-FT)	CUMULATIVE VOLUME (CU-FT)
80	0	0	0
81	1,036	518	518
82	4,301	2,668	3,187

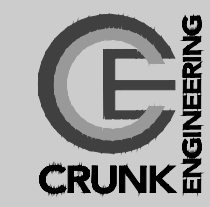
FLOODPLAIN ZONE AE: CUT VOLUME CALCULATIONS			
ELEVATION (FT)	AREA (FT)	VOLUME (CU-FT)	CUMULATIVE VOLUME (CU-FT)
74	11,538	0	0
75	11,712	11,625	11,625
76	11,961	11,837	23,462
77	11,885	11,923	35,385
78	12,180	12,032	47,417
79	12,593	12,386	59,803
80	12,858	12,725	72,529
81	11,718	12,288	84,816
81.7	10,660	7,832	92,649

FLOODPLAIN ZONE A: CUT VOLUME CALCULATIONS			
ELEVATION (FT)	AREA (FT)	VOLUME (CU-FT)	CUMULATIVE VOLUME (CU-FT)
80	5,130	0	0
81	8,091	6,610	6,610
82	3,847	5,969	12,579

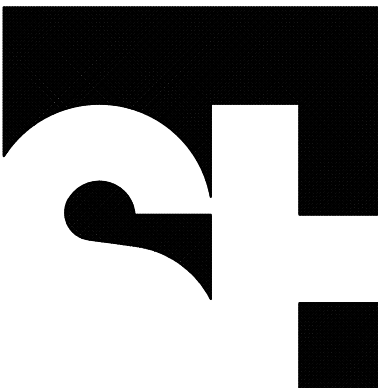
FLOODPLAIN ZONE AE: NET CUT VOLUME CALCULATIONS	
ELEVATION (FT)	NET CUT VOLUME (CU-FT)
74	0
75	10,408
76	19,338
77	26,098
78	29,792
79	29,826
80	25,617
81	15,093
81.7	2,080

FLOODPLAIN ZONE A: NET CUT VOLUME CALCULATIONS	
ELEVATION (FT)	NET CUT VOLUME (CU-FT)
80	0
81	6,092
82	9,393





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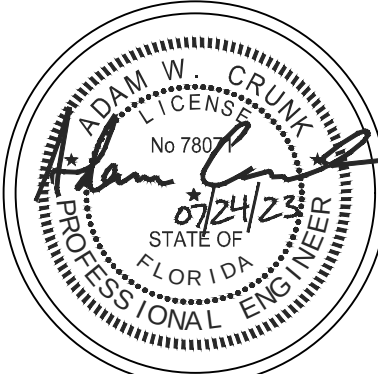


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CONSULTANTS

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PROPOSED FLOODPLAIN EXHIBIT
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

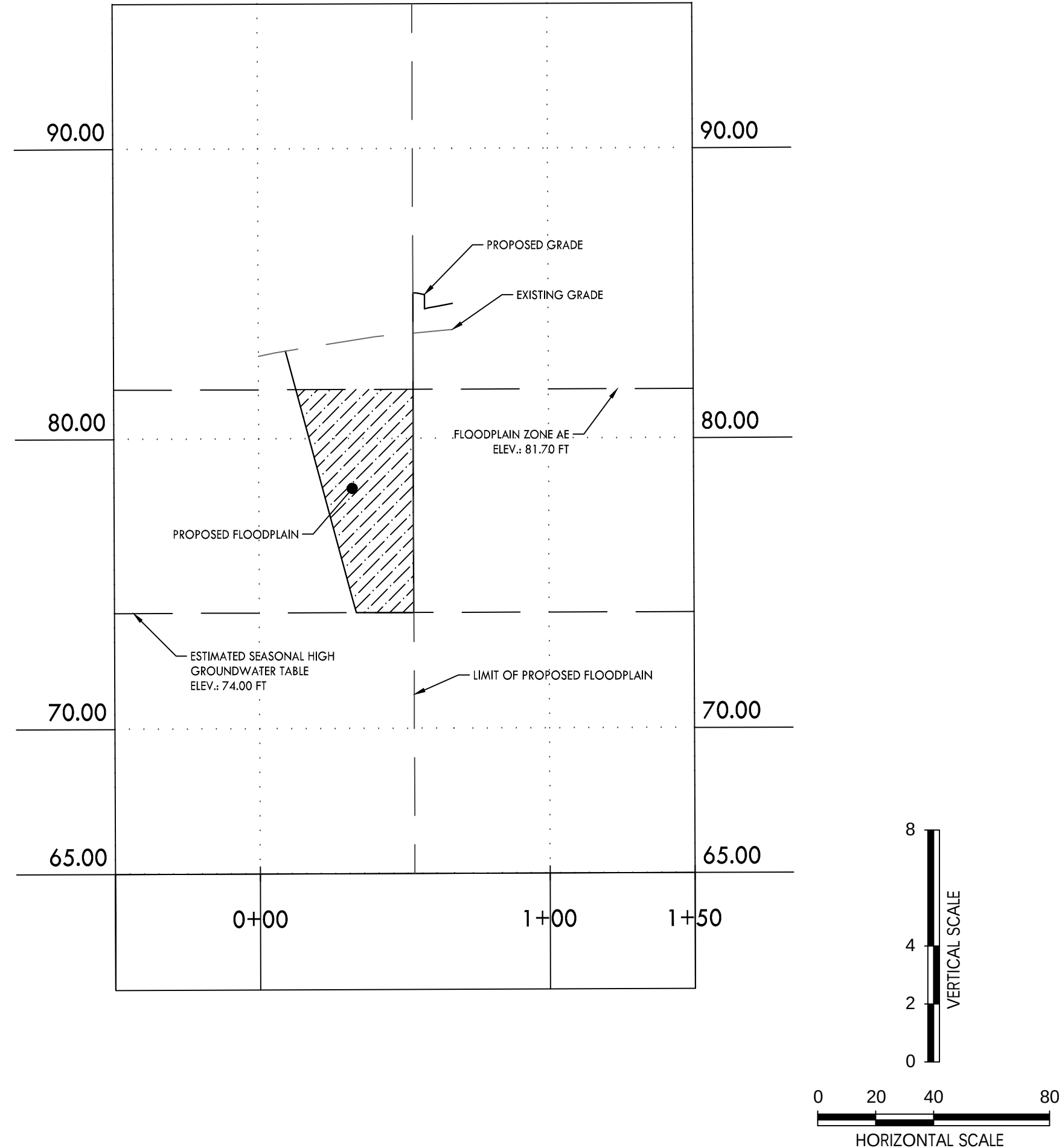
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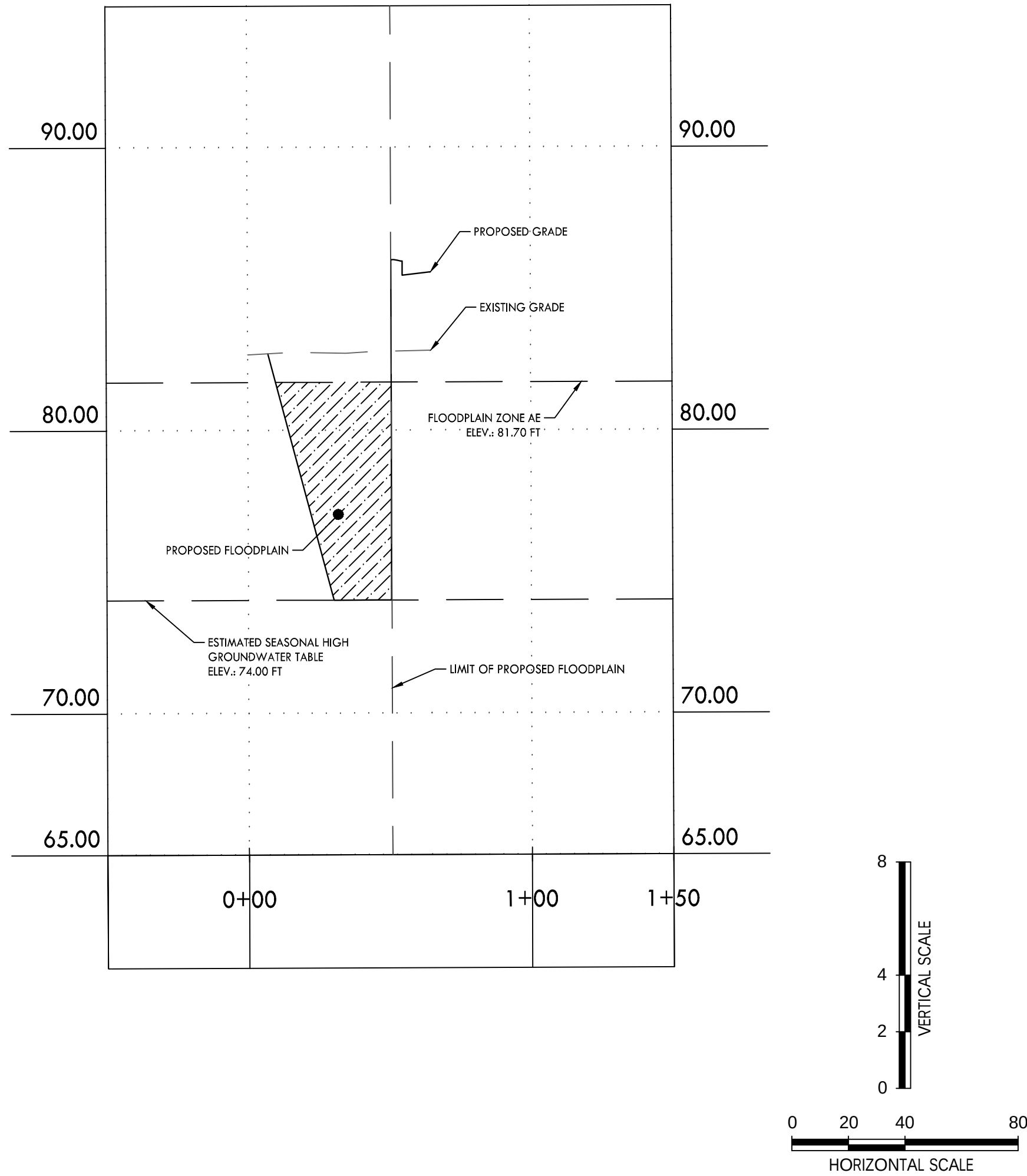
GRADING & DRAINAGE PLAN KEYNOTES		
CODE	DESCRIPTION	DETAIL LOCATION
G1	SINGLE CURB INLET	C8.4 - 2
G2	DOUBLE CATCH BASIN	C8.2 - 11
G3	JUNCTION BOX	C8.3 - 4
G4	CLEANOUT	C8.3 - 5
G5	18" AREA DRAIN WITH LOCKABLE GRATE	C8.4 - 3
G6	CONCRETE HEADWALL	C8.1 - 6
G7	RIP-RAP	C8.1 - 9
G8	POND OUTLET STRUCTURE	C8.2 - 1-4
G9	RETAINING WALL	-
G10	PEDESTRIAN GUARDRAIL	C8.4 - 6

NOTES:
1. REFER TO SHEET C2.0 FOR NOTES.
2. POND BOTTOM AND SIDE SLOPES WILL BE SEED TO MINIMIZE EROSION.

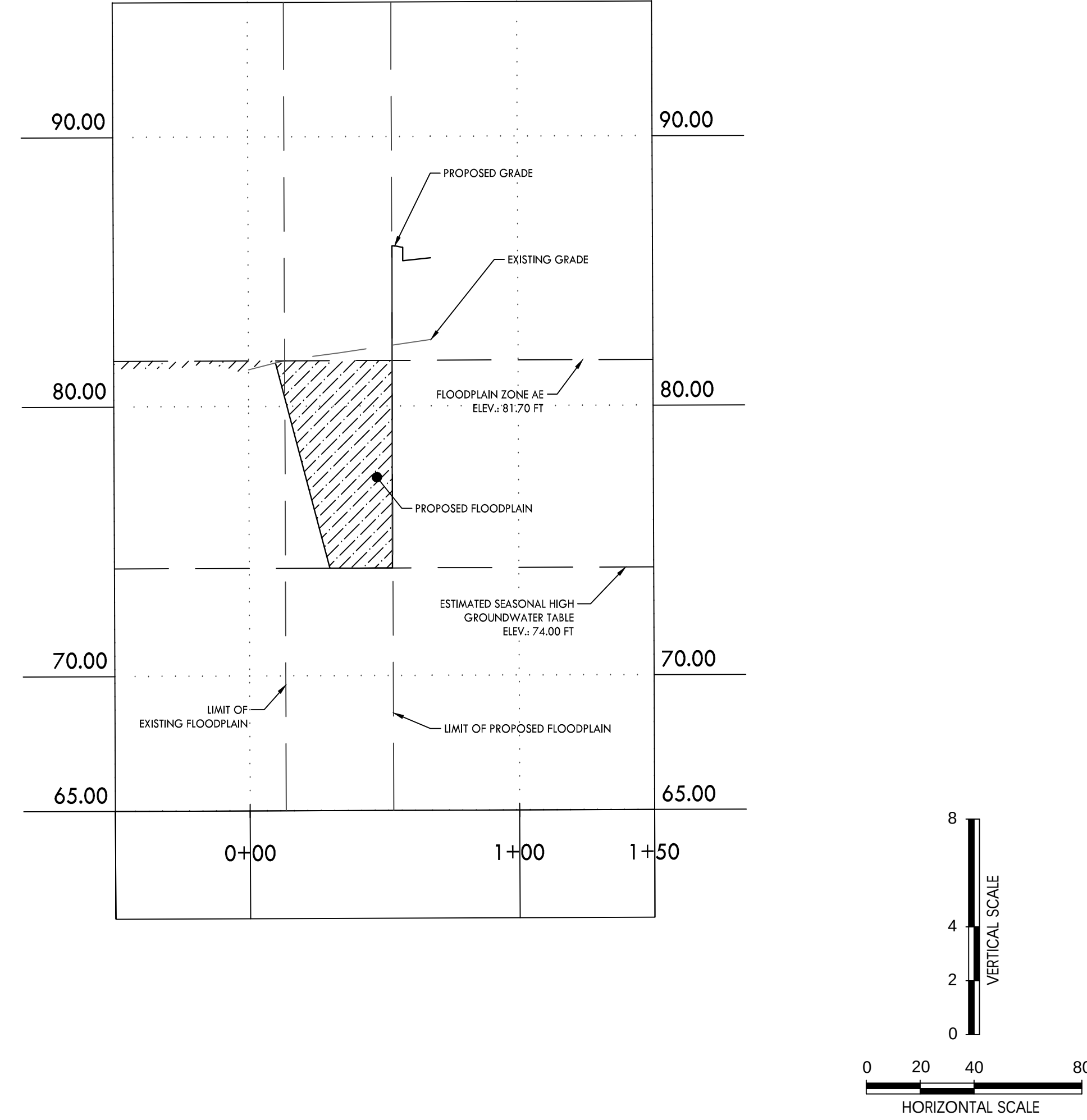
FLOODPLAIN ZONE AE CROSS-SECTION 1



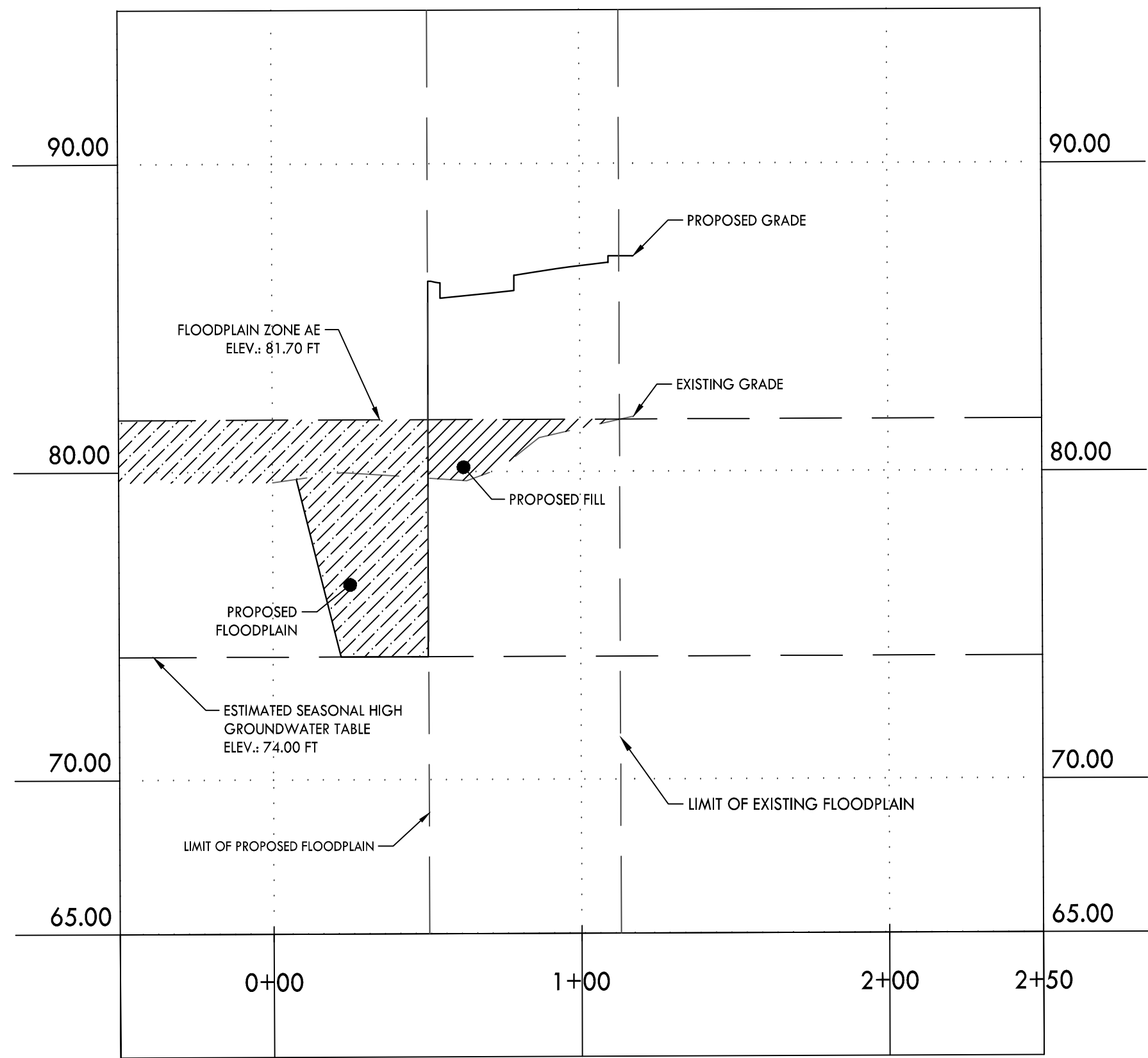
FLOODPLAIN ZONE AE CROSS-SECTION 2



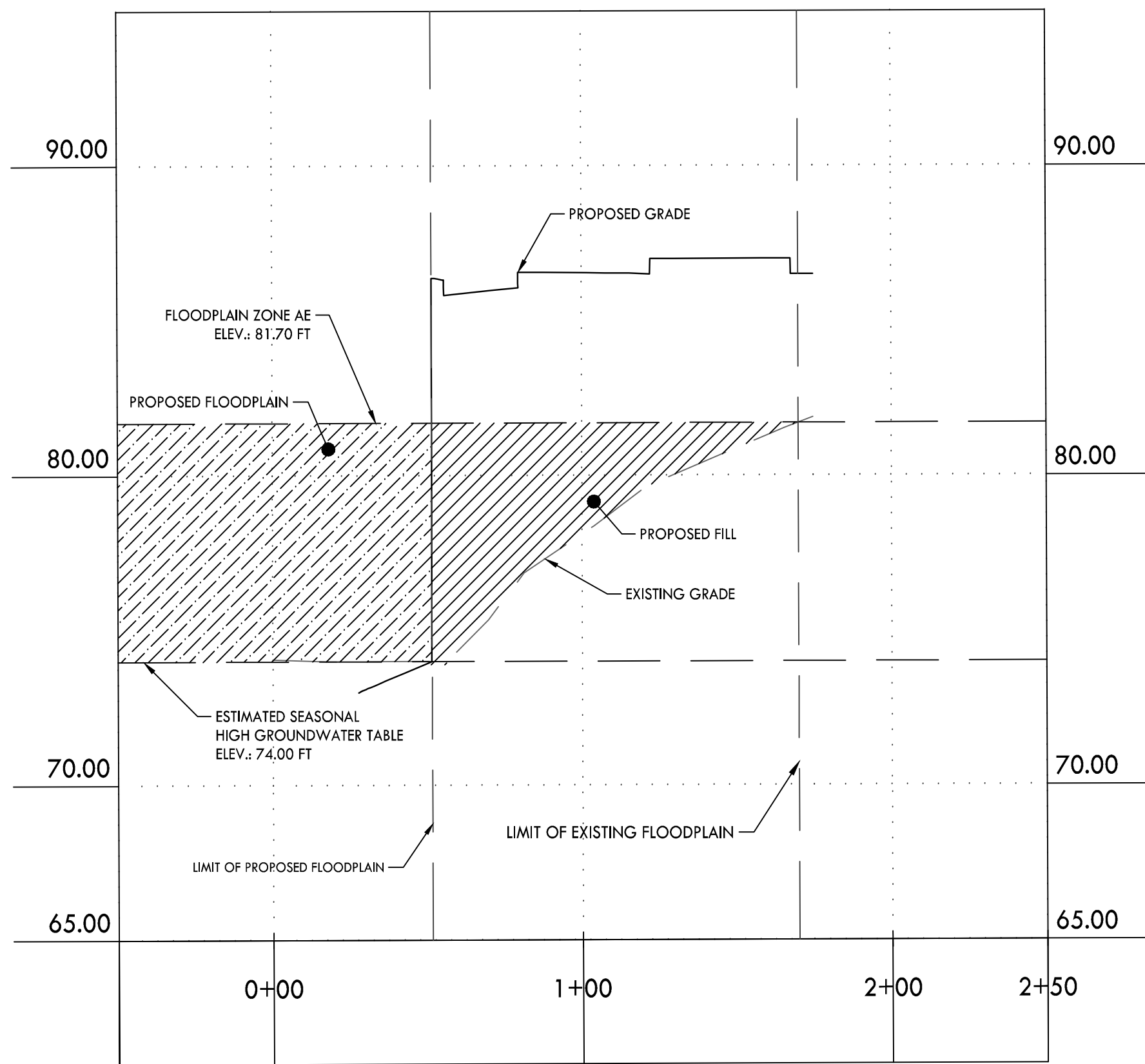
FLOODPLAIN ZONE AE CROSS-SECTION 3



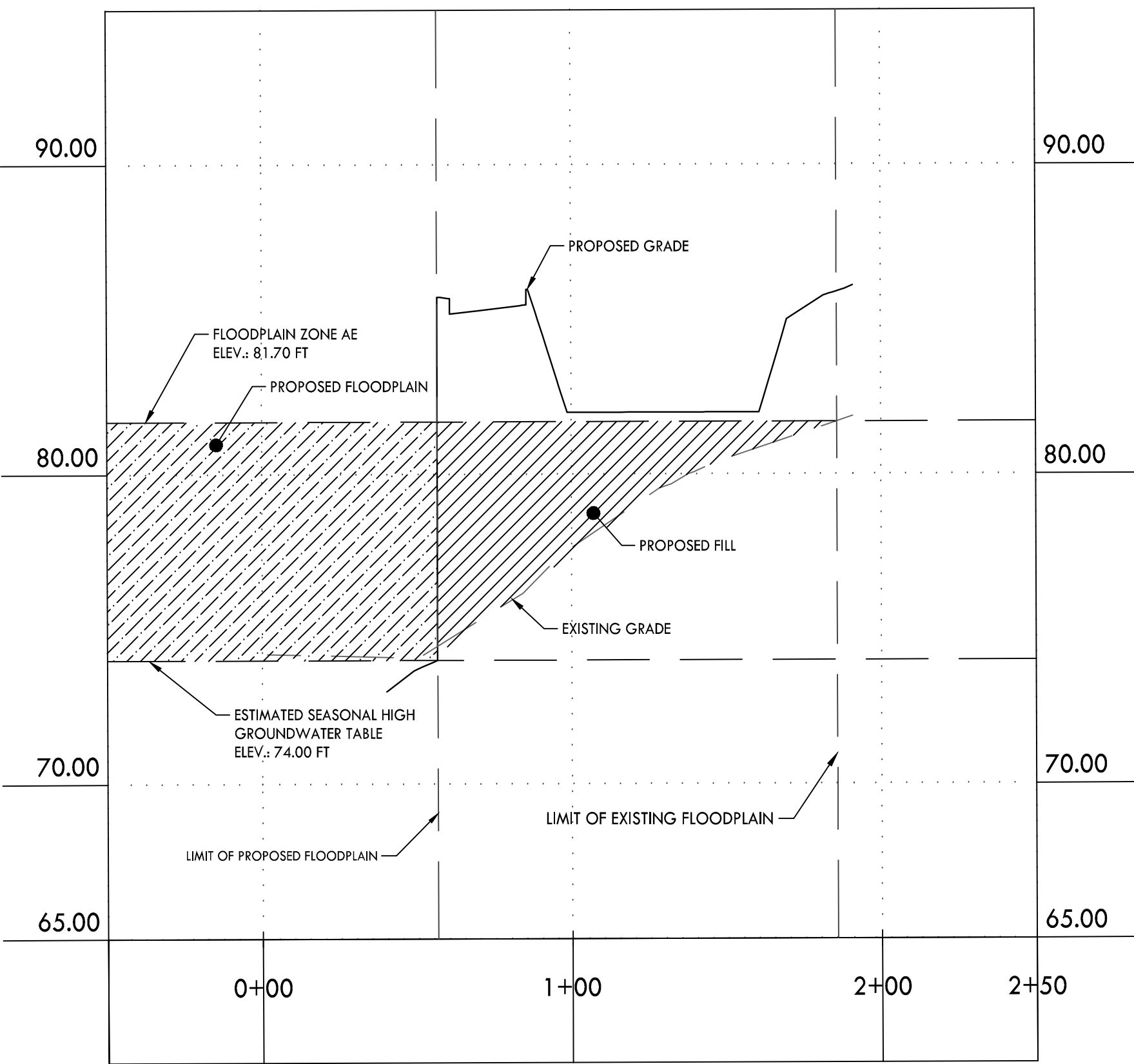
FLOODPLAIN ZONE AE CROSS-SECTION 4



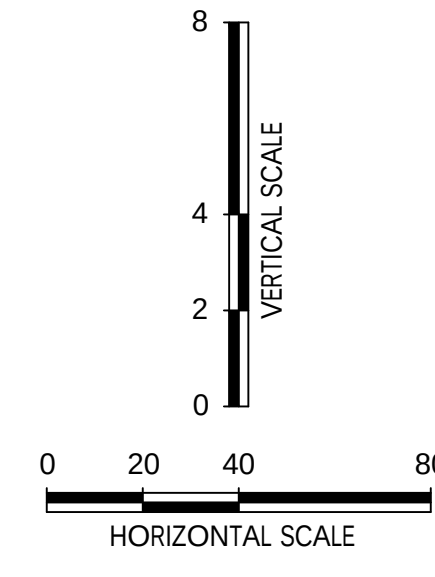
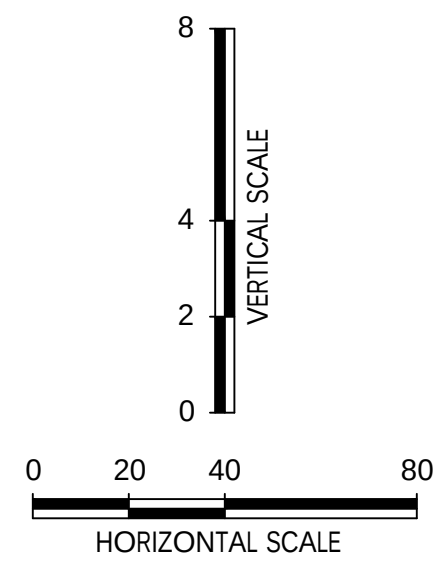
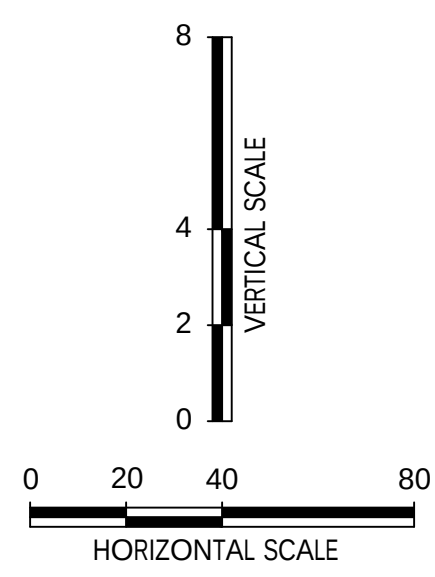
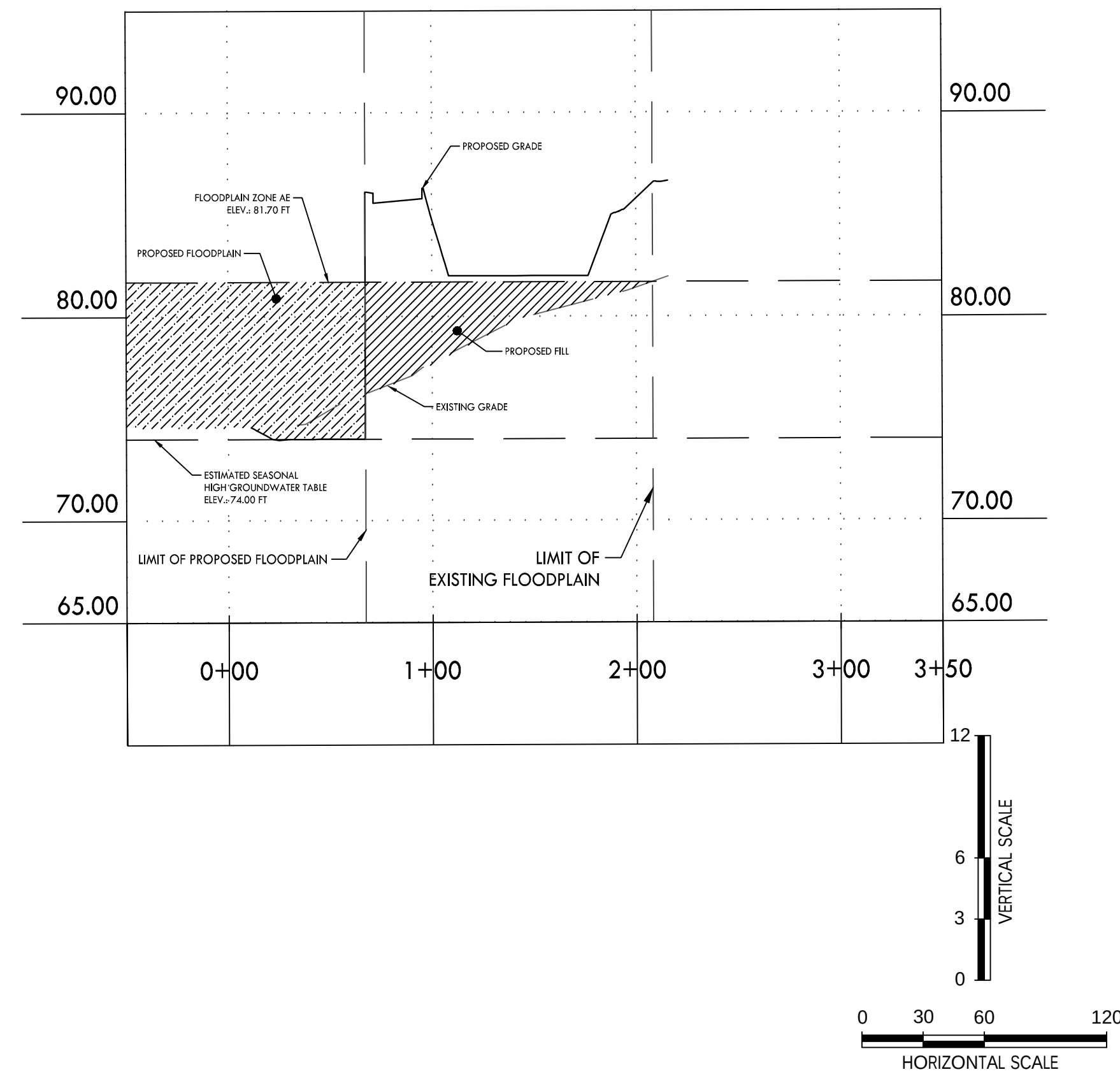
FLOODPLAIN ZONE AE CROSS-SECTION 5



FLOODPLAIN ZONE AE CROSS-SECTION 6



FLOODPLAIN ZONE AE CROSS-SECTION 7



PROPOSED GRADING &
DRAINAGE LEGEND

-  PROPOSED FLOODPLAIN
-  PROPOSED FILL



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Structural Engineering



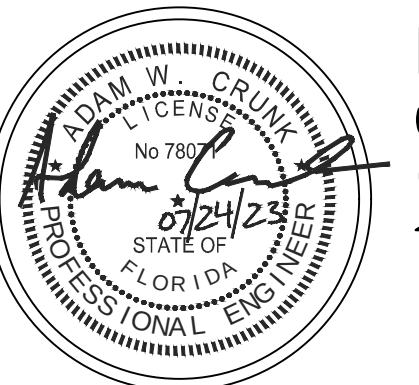
Mechanical/Electrical Engineering



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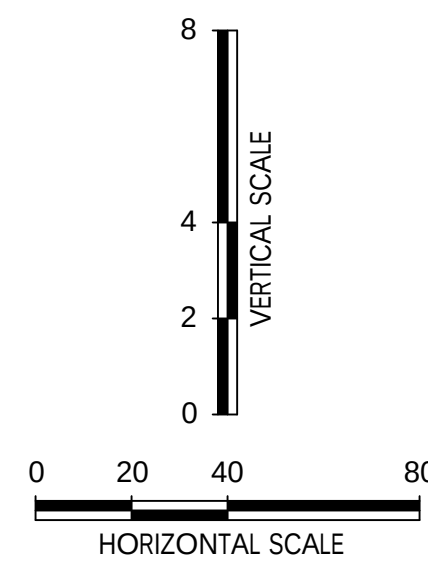
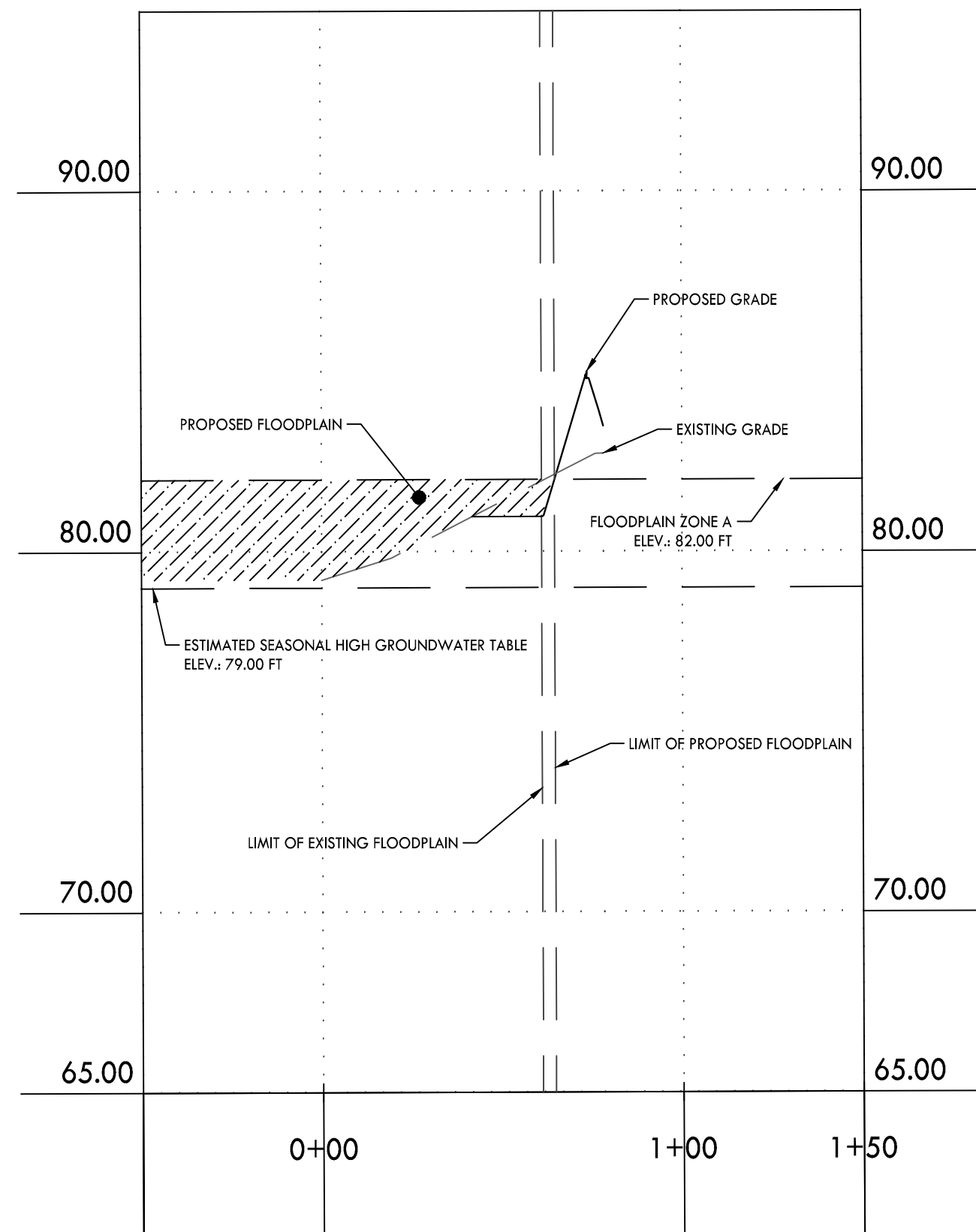


FLOODPLAIN CROSS-SECTIONS
NEW BEHAVIORAL HEALTH HOSPITAL
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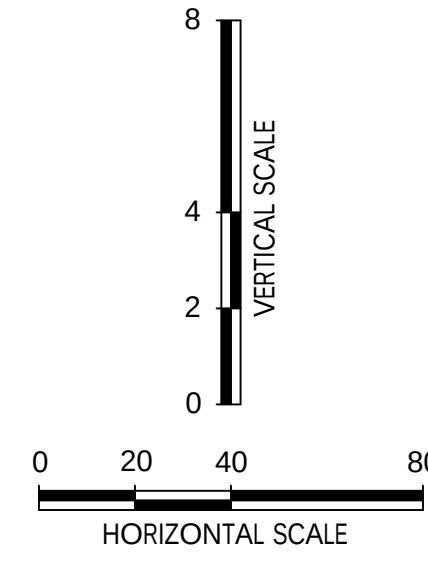
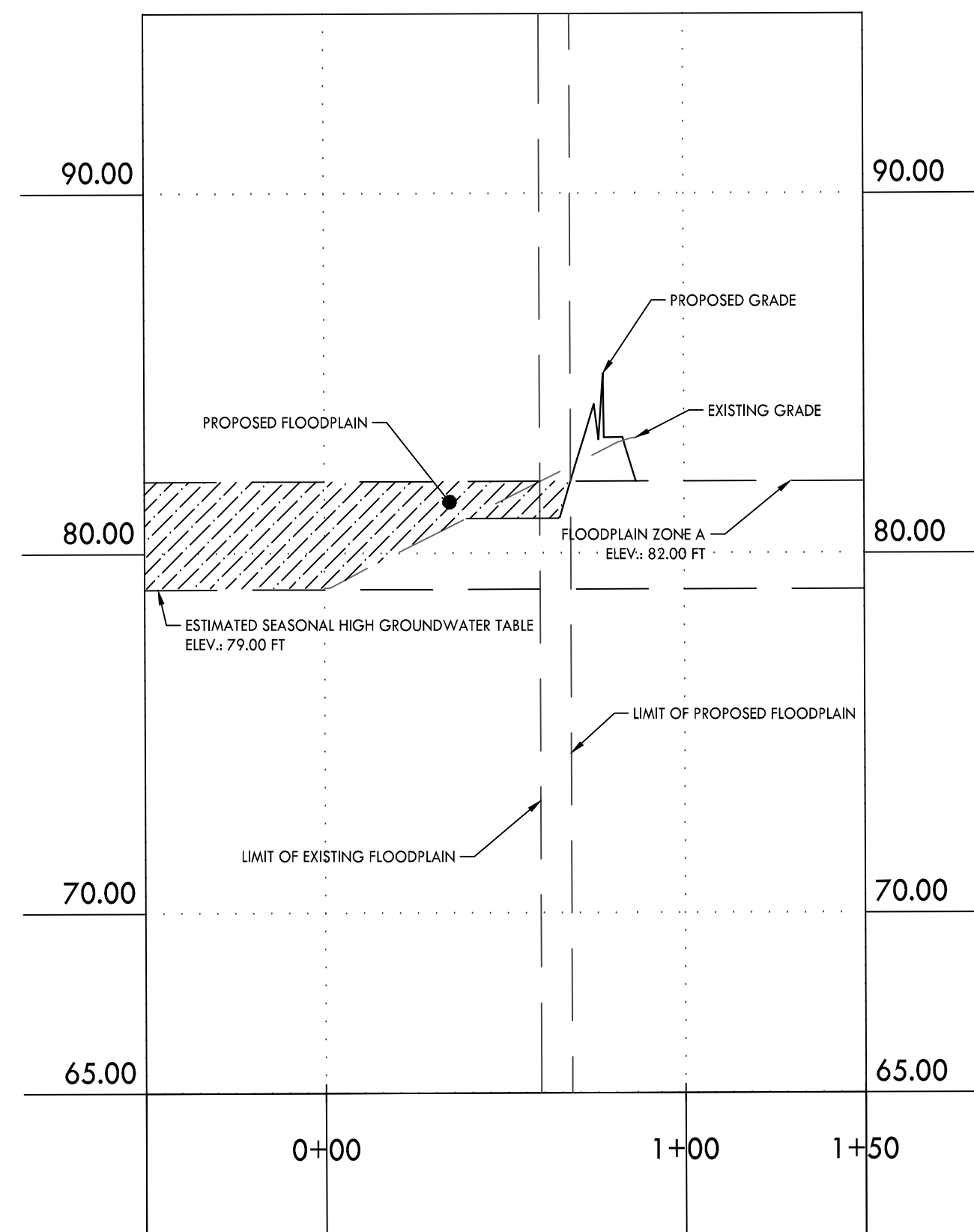
15 JUNE 2023

C6.8

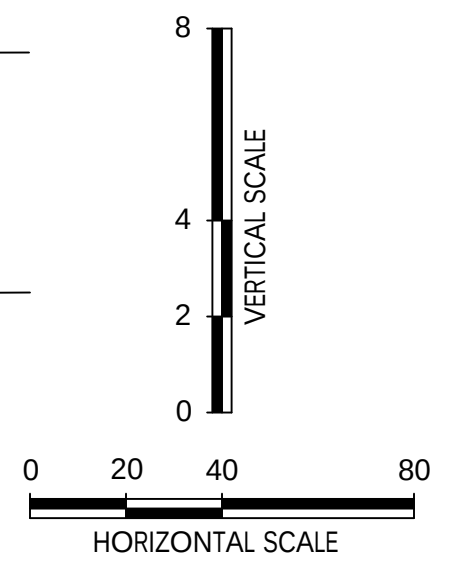
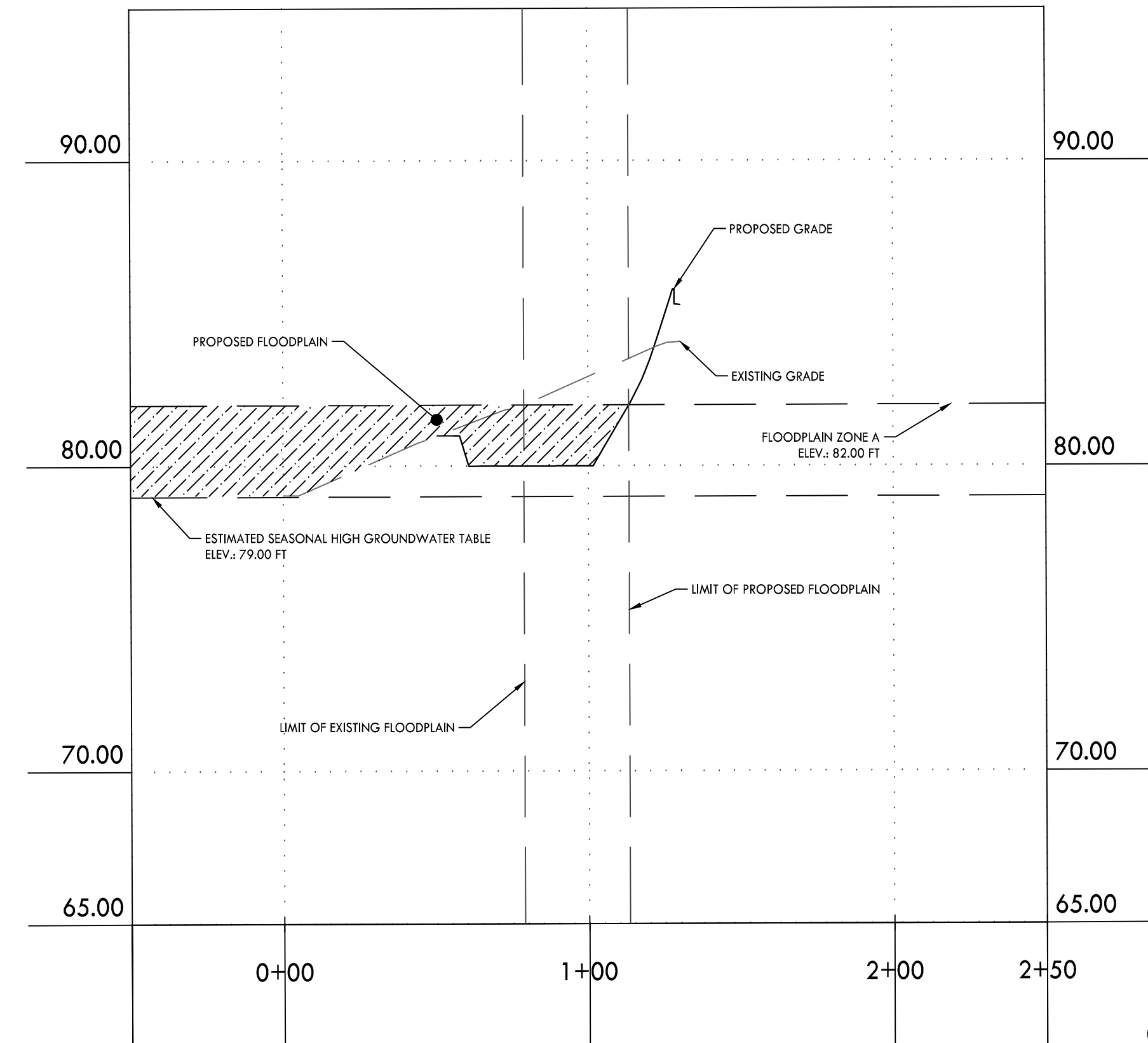
FLOODPLAIN ZONE A CROSS-SECTION 1



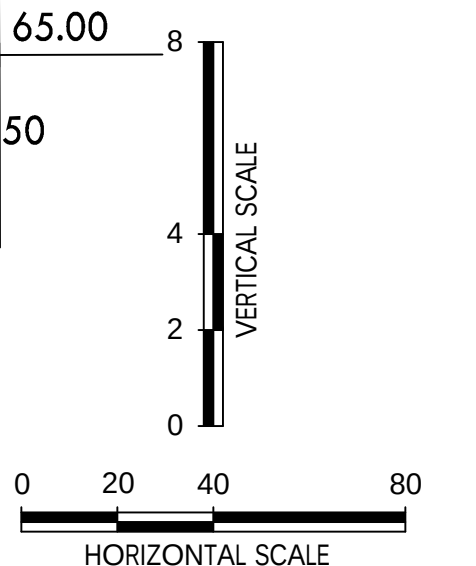
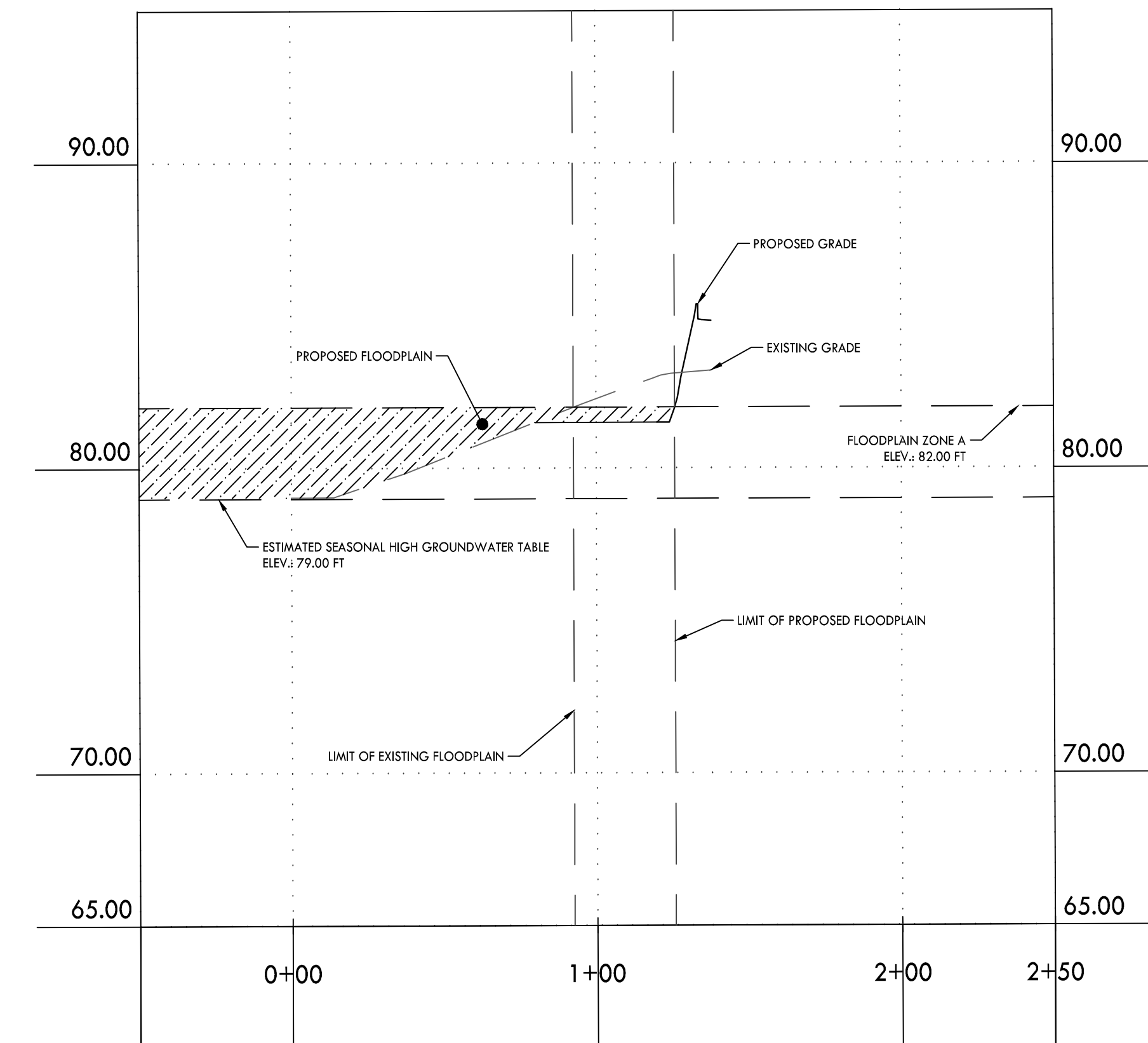
FLOODPLAIN ZONE A CROSS-SECTION 2



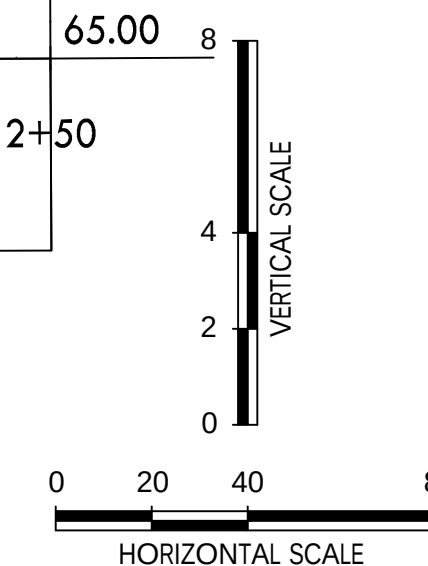
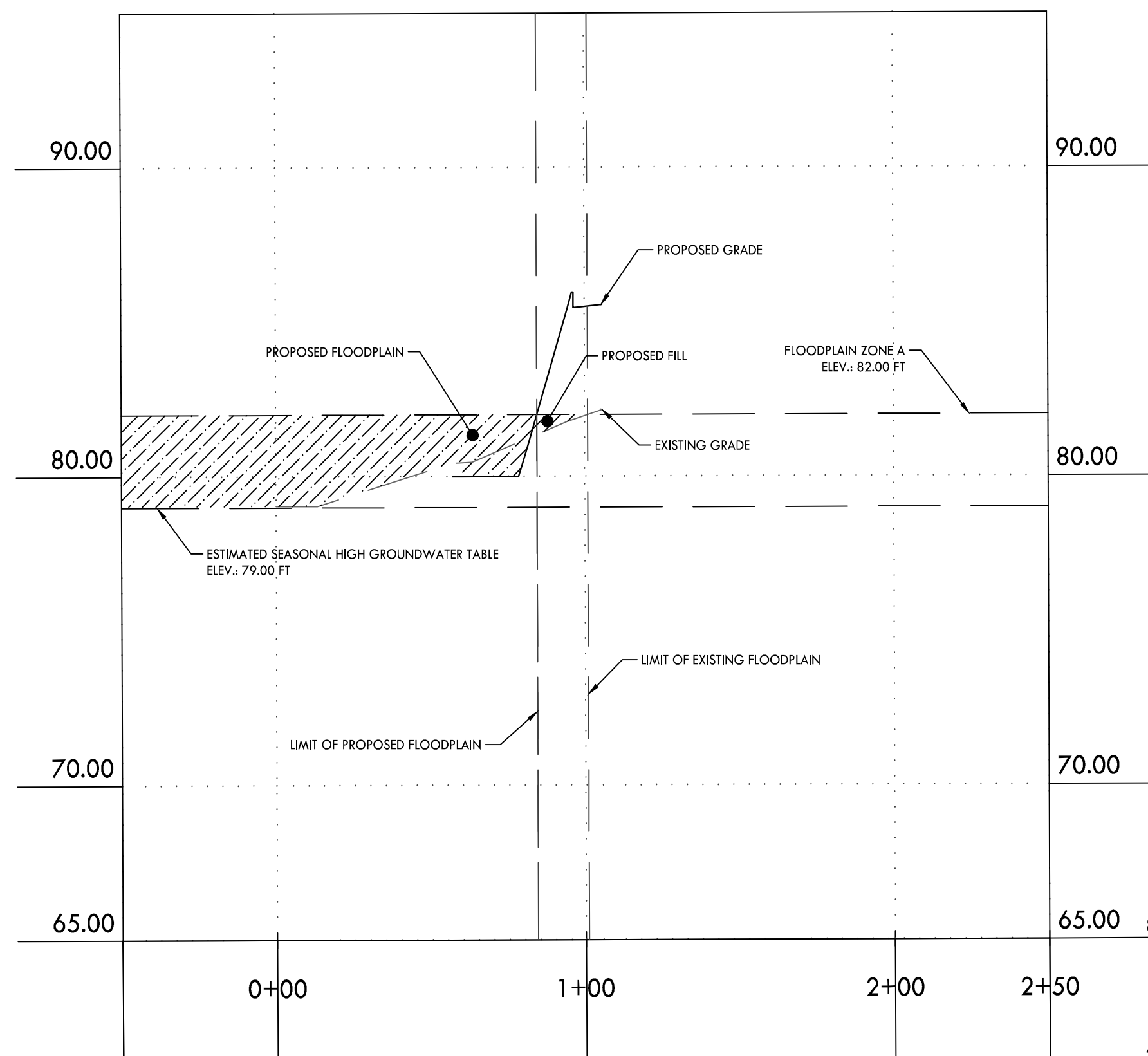
FLOODPLAIN ZONE A CROSS-SECTION 3



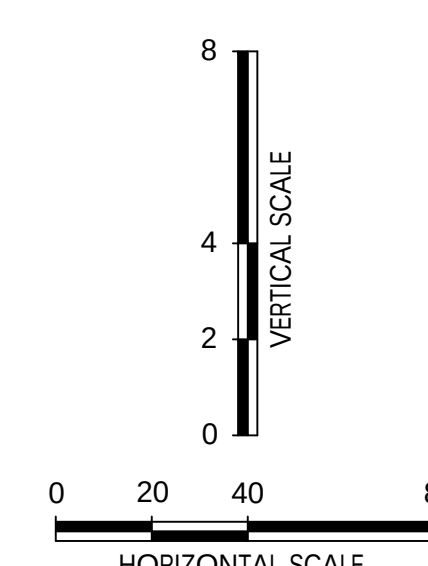
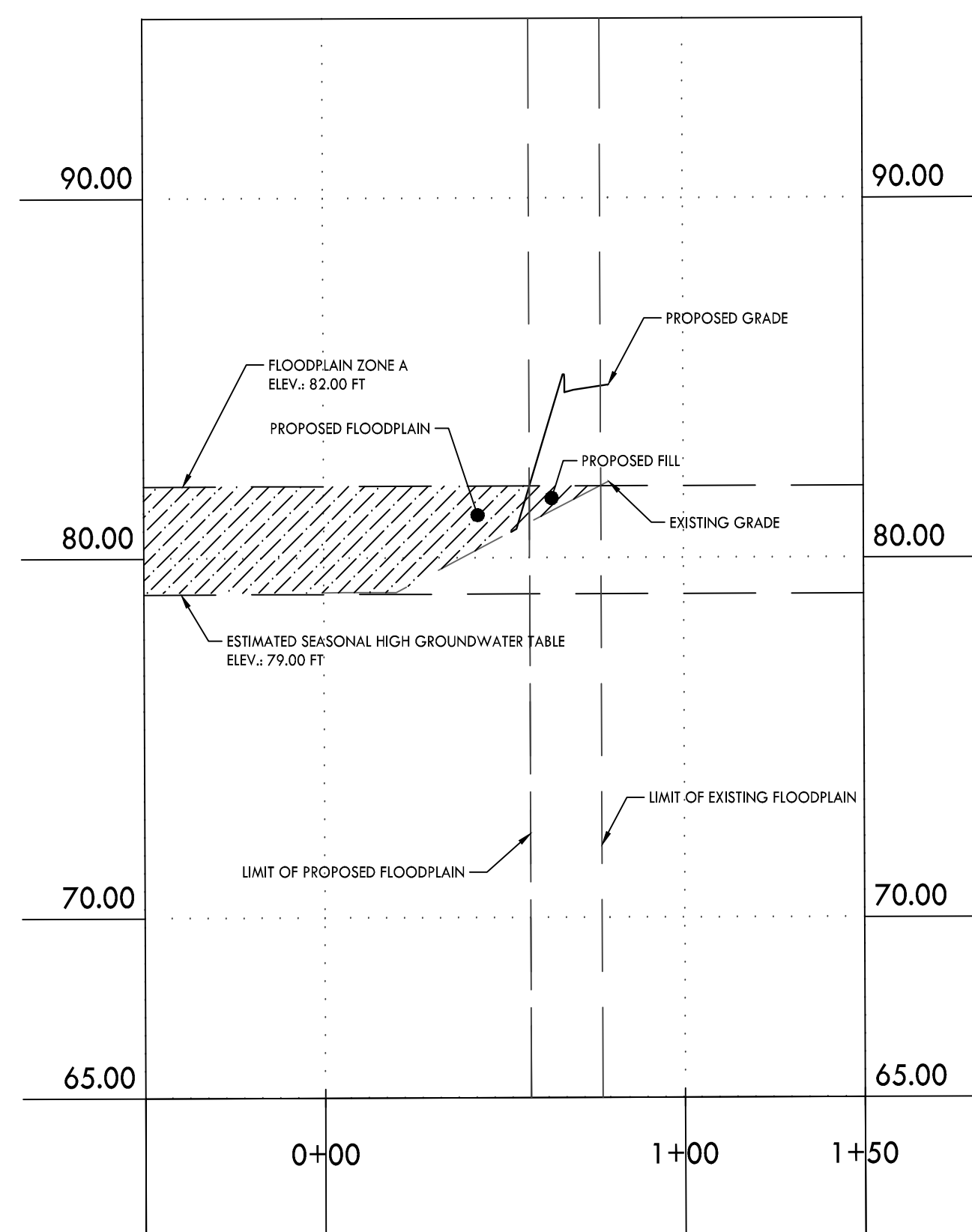
FLOODPLAIN ZONE A CROSS-SECTION 6



FLOODPLAIN ZONE A CROSS-SECTION 4



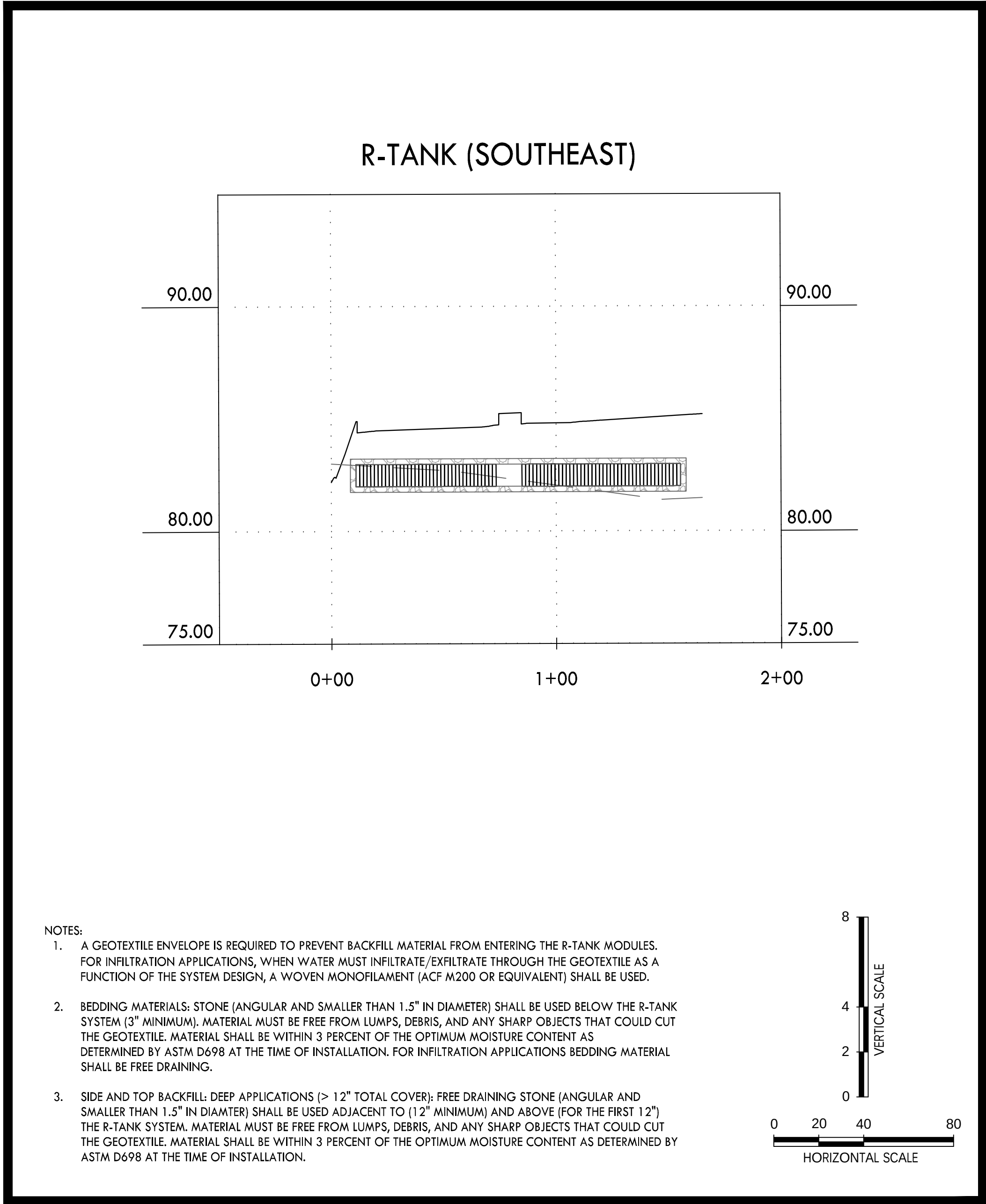
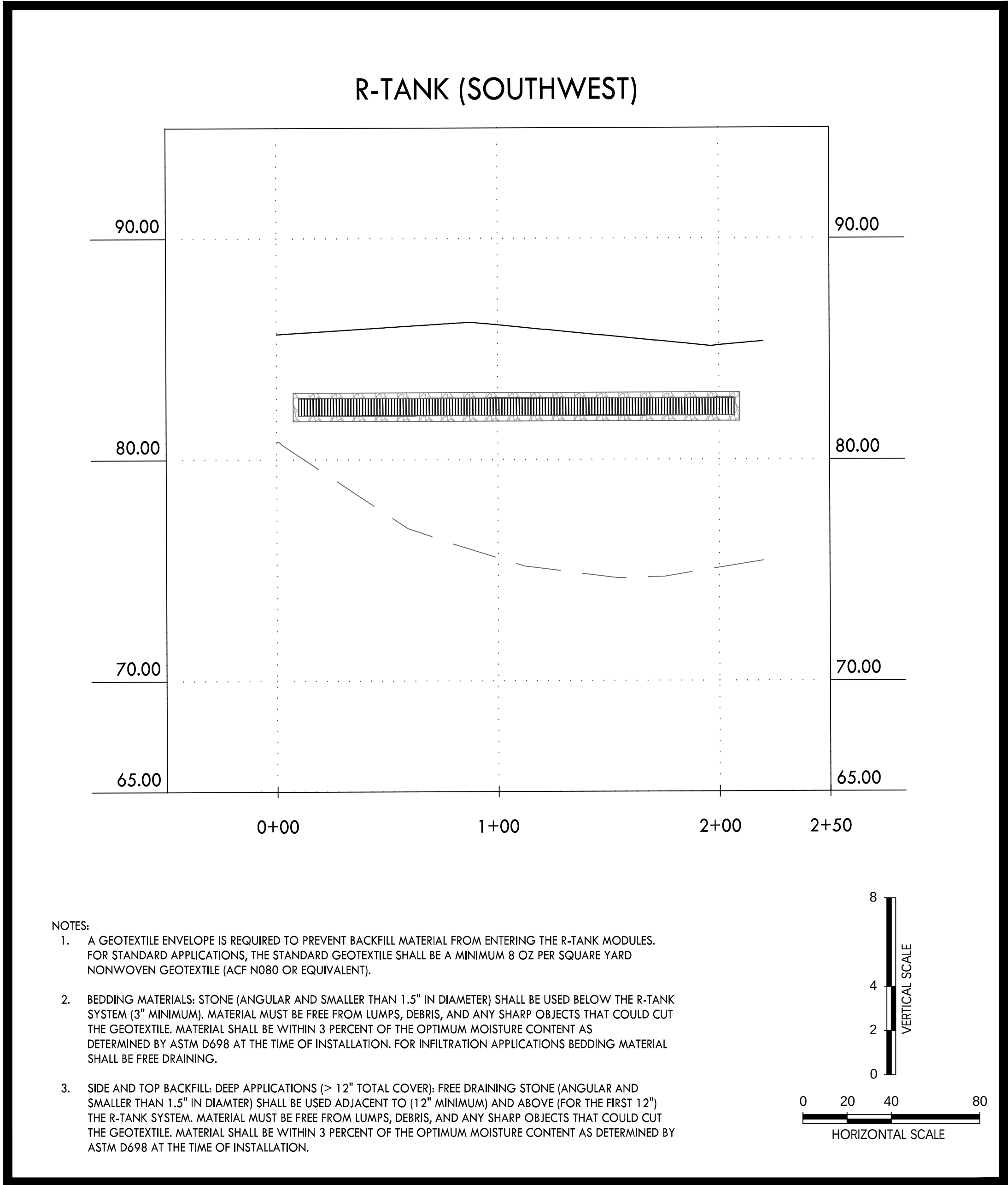
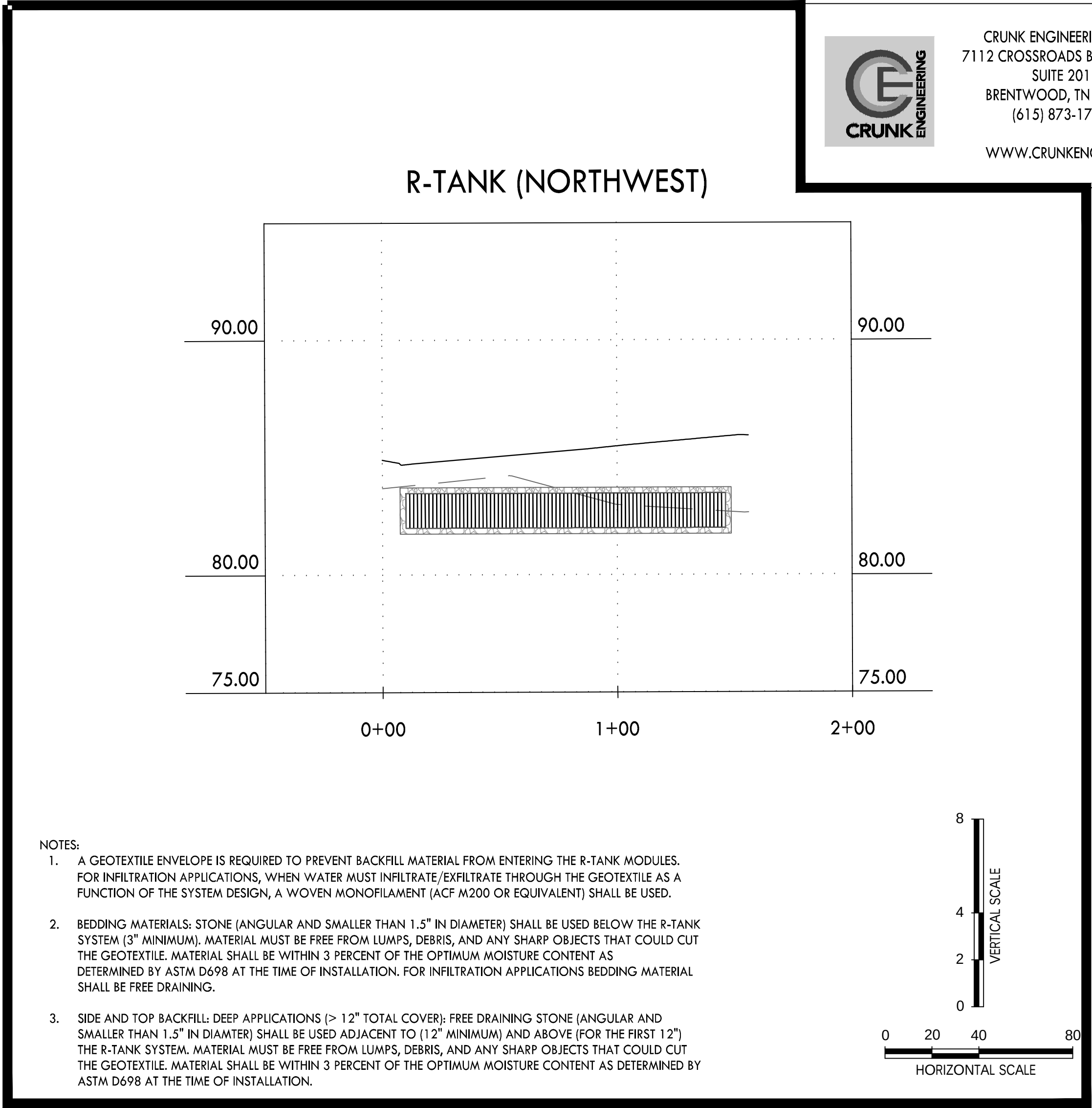
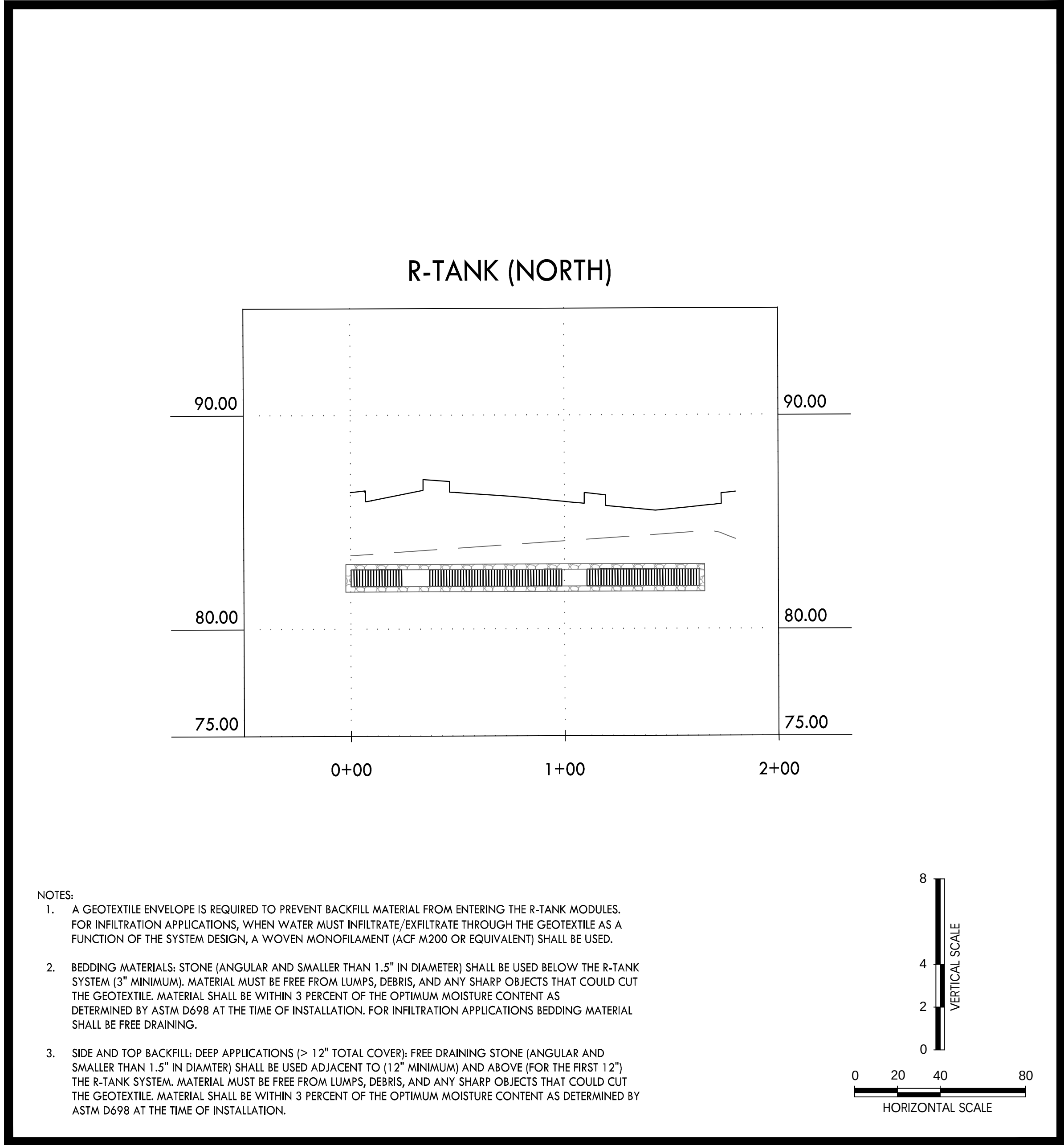
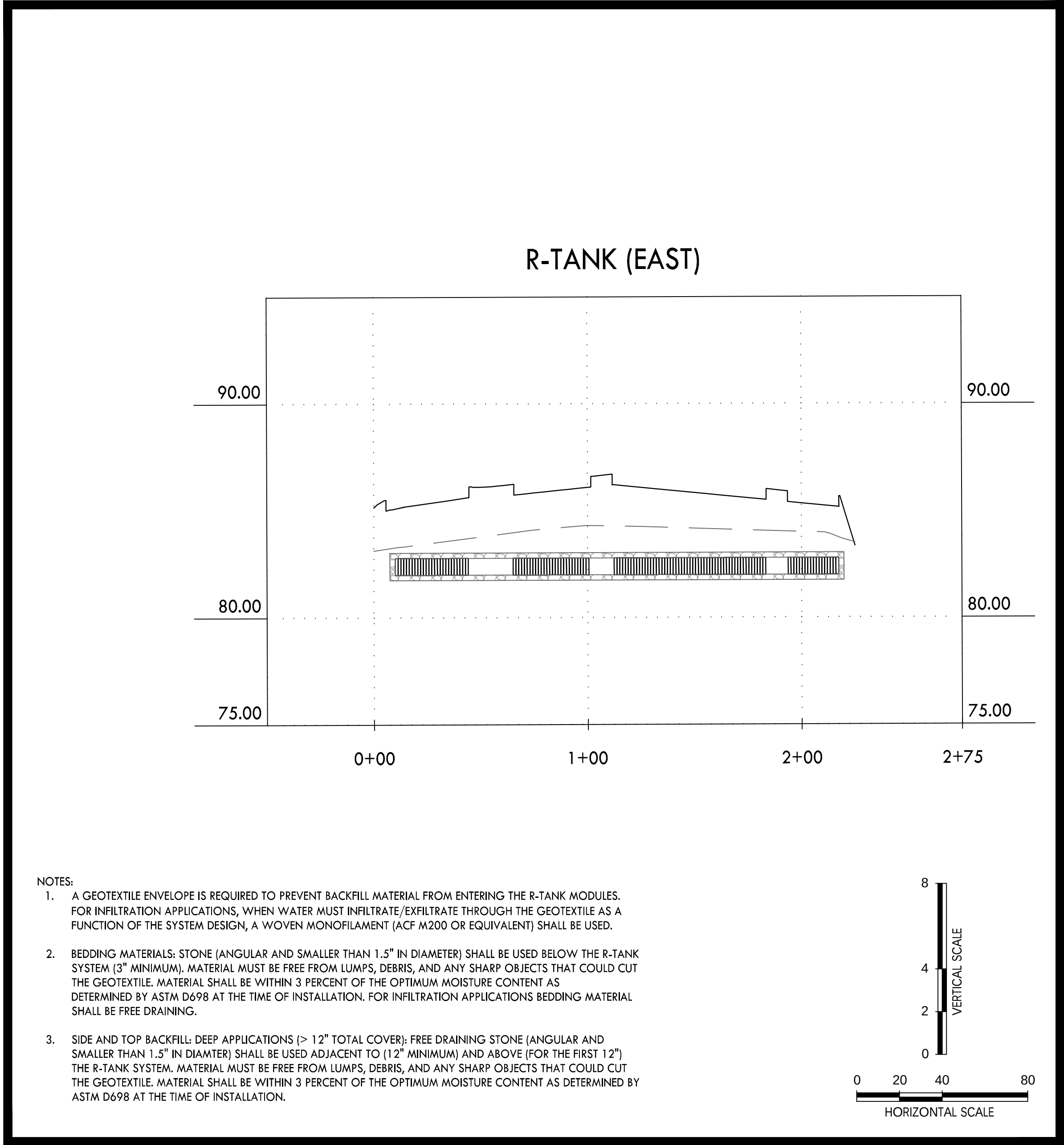
FLOODPLAIN ZONE A CROSS-SECTION 5

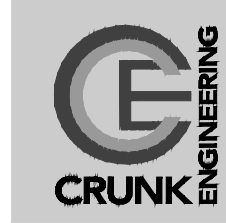


PROPOSED GRADING &
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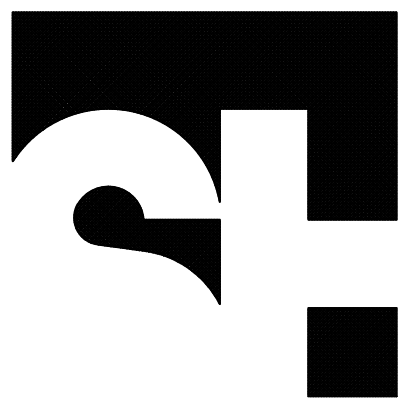
- PROPOSED FLOODPLAIN
- PROPOSED FILL

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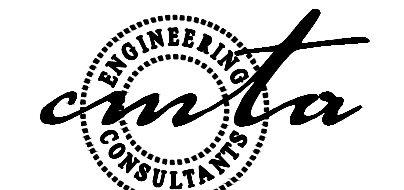
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Structural Engineering



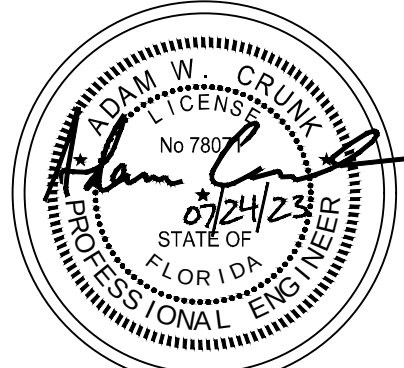
Mechanical/Electrical Engineering



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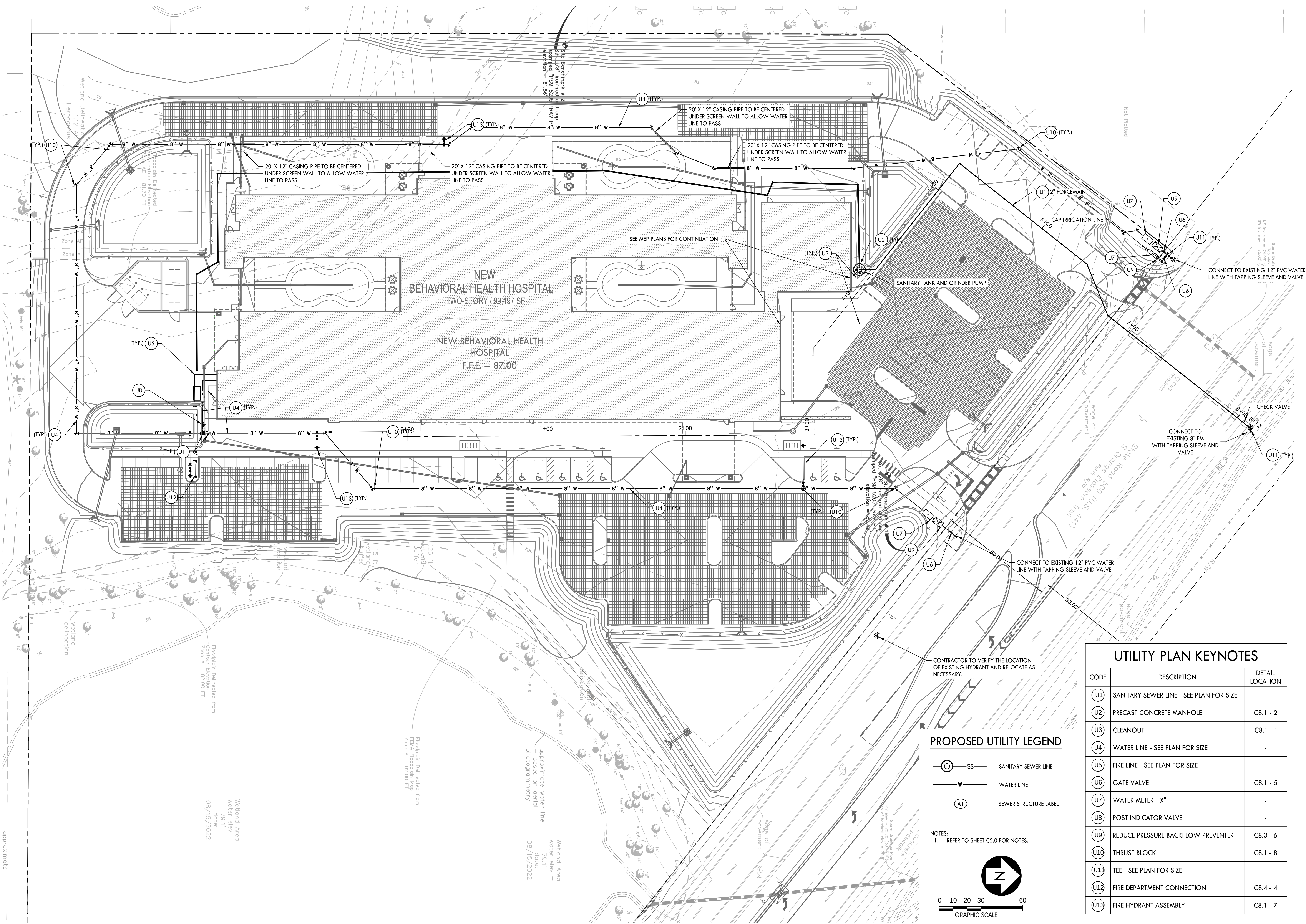


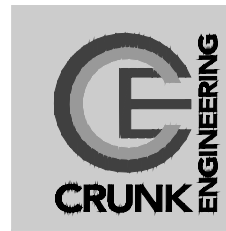
UTILITY PLANS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

15 JUNE 2023

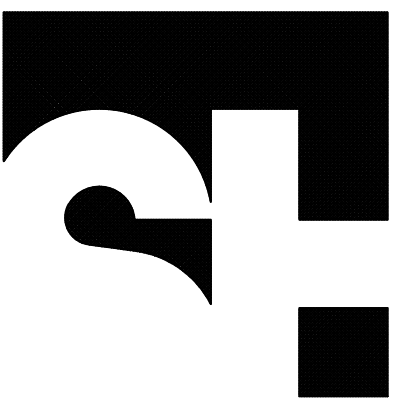


FORCE MAIN:
DEMAND = 150 GAL / DAY*BED
SIZE = 144 BEDS
DAILY FLOW = 20 GAL / MIN
PEAKING FACTOR = 4
PEAK FLOW = 80 GAL / MIN





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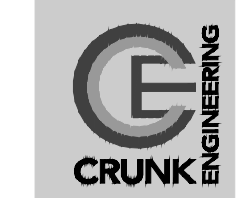


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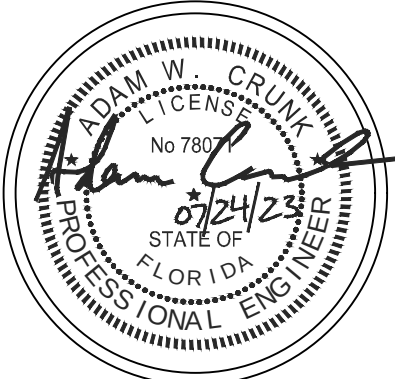
Mechanical/Electrical Engineering



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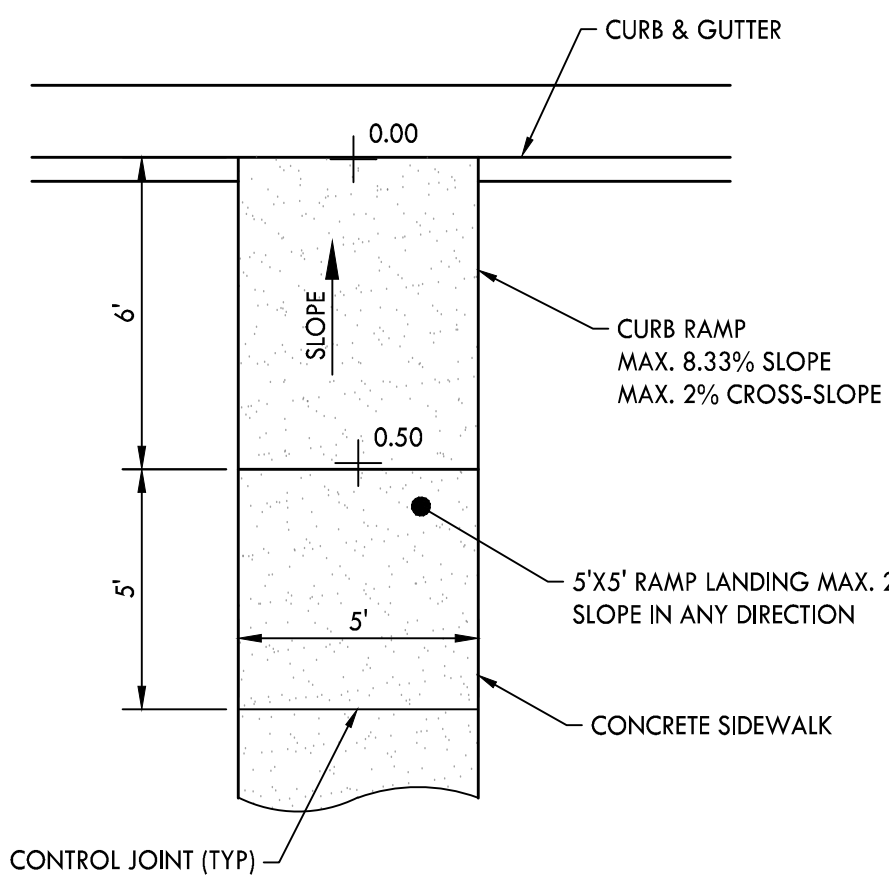


NOT FOR CONSTRUCTION

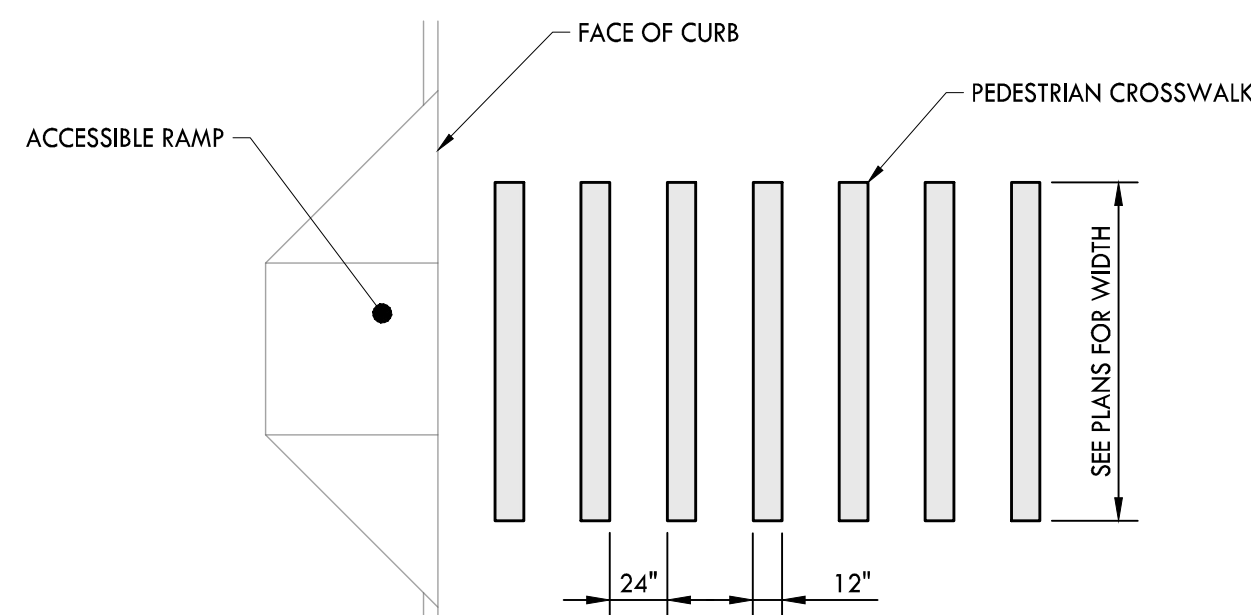
DETAILS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
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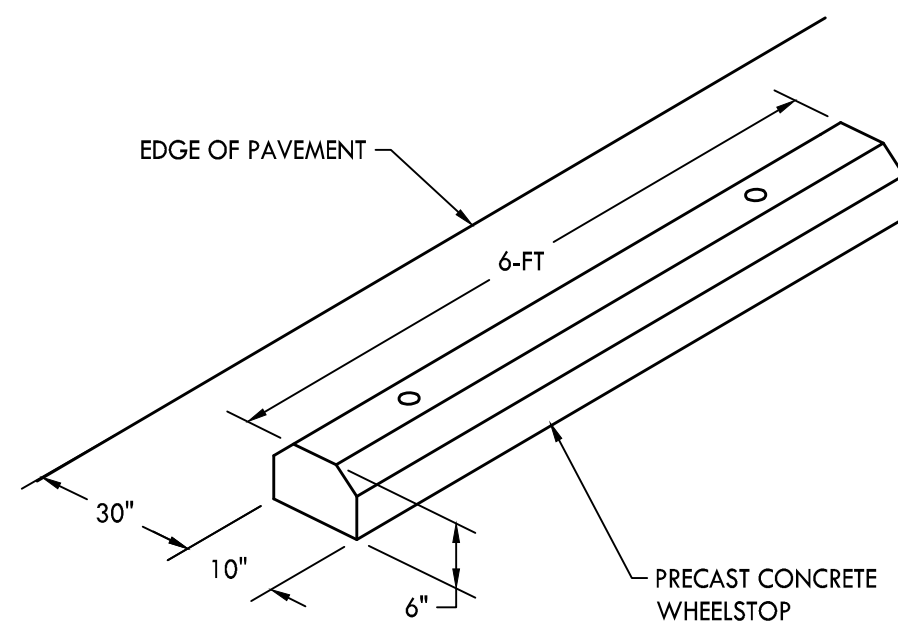
C8.0



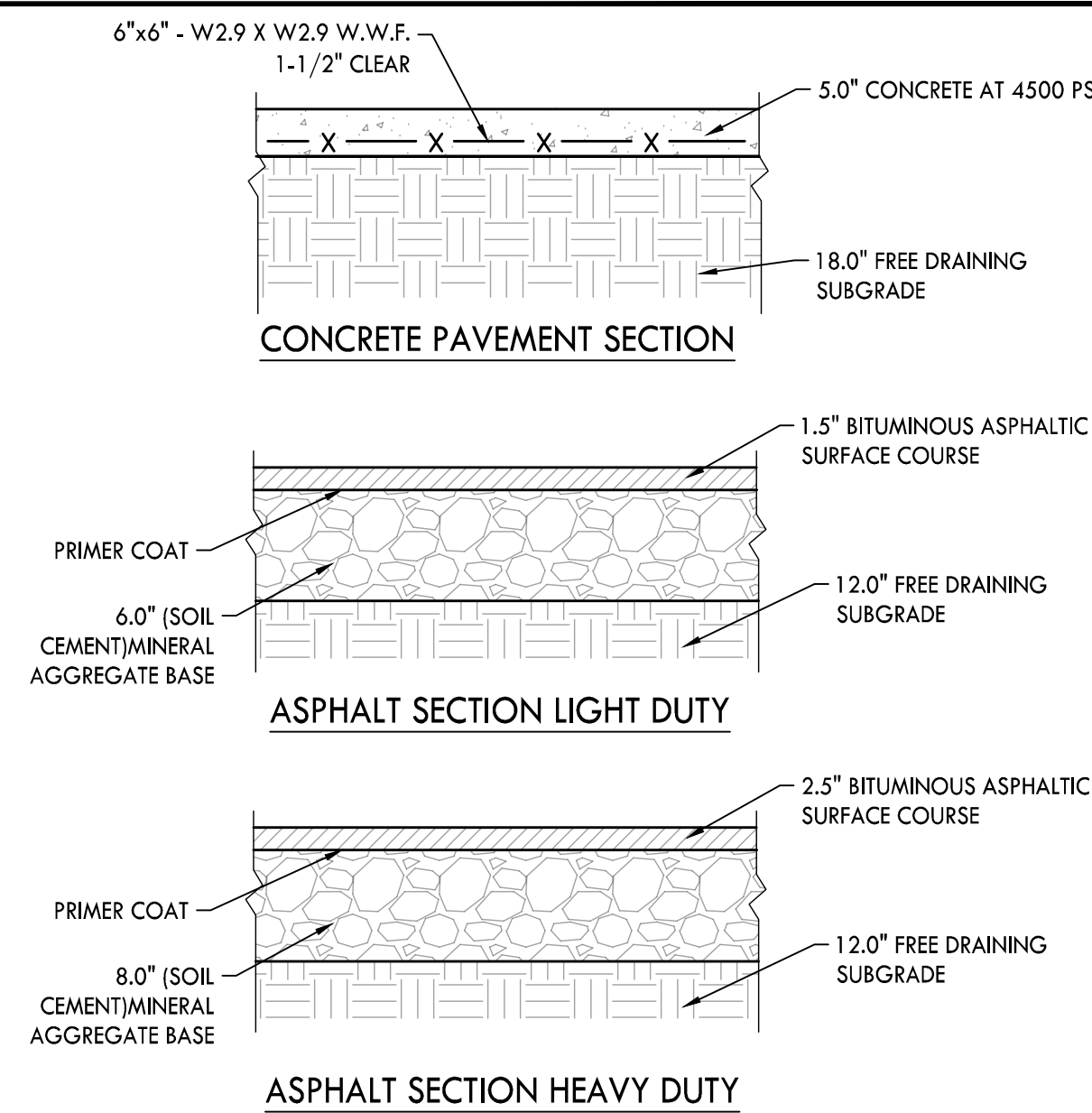
10 ACCESSIBLE RAMP - TYPE A
NOT TO SCALE



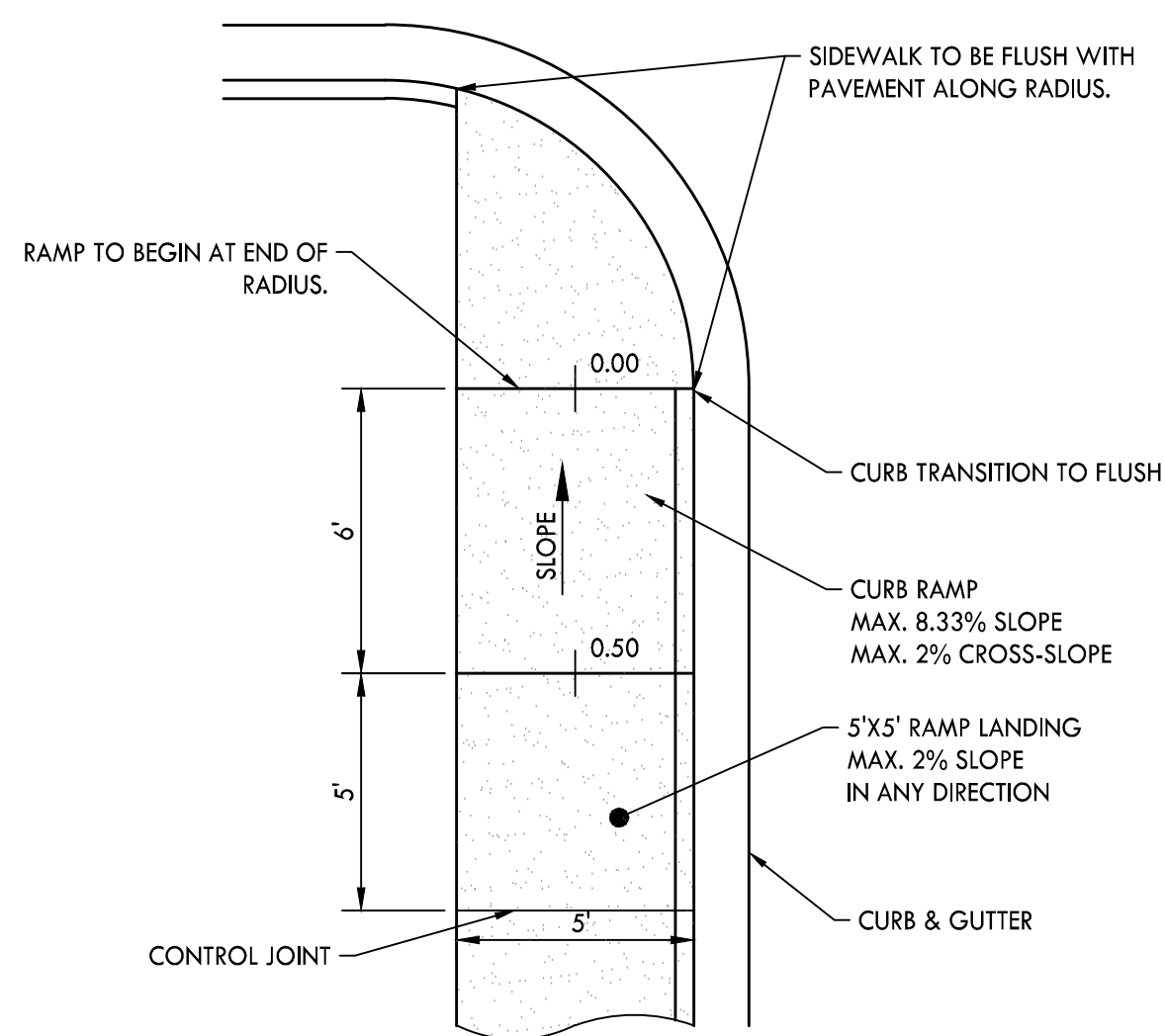
7 PEDESTRIAN CROSSWALK
NOT TO SCALE



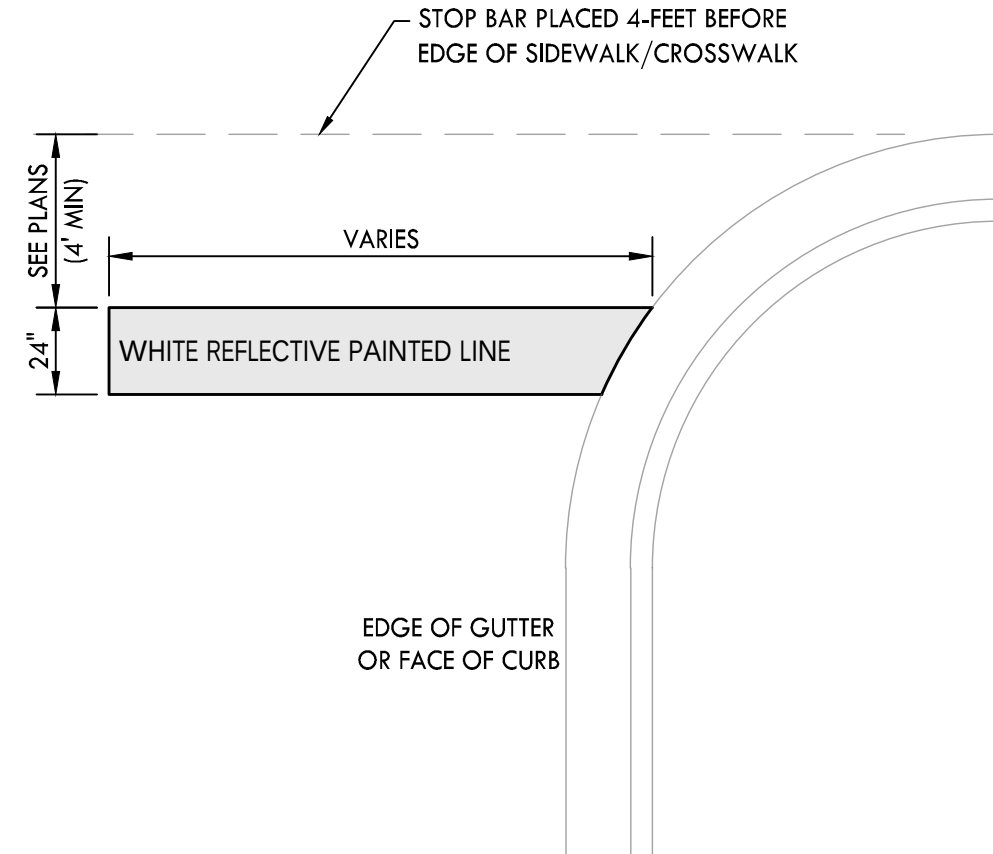
4 CONCRETE WHEELSTOP
NOT TO SCALE



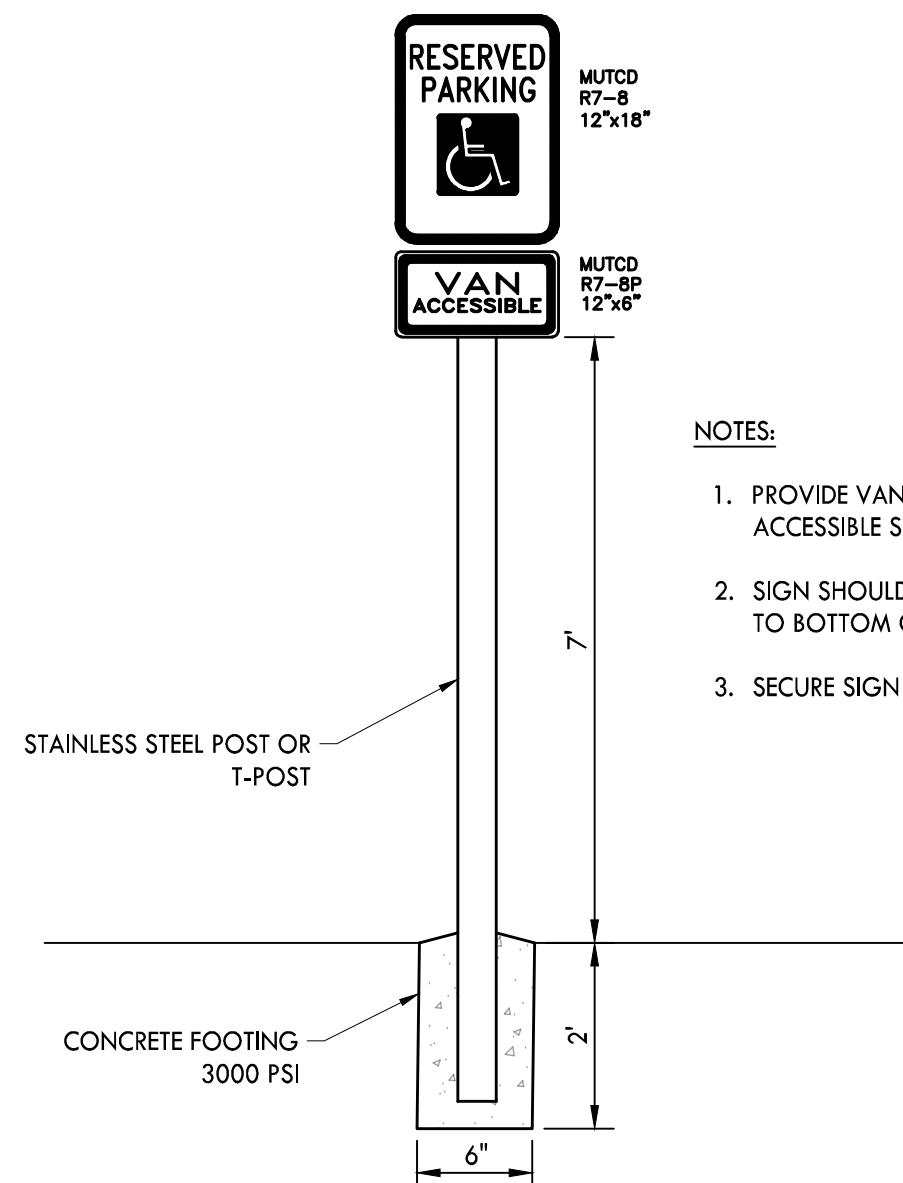
1 PAVEMENT SECTIONS
NOT TO SCALE



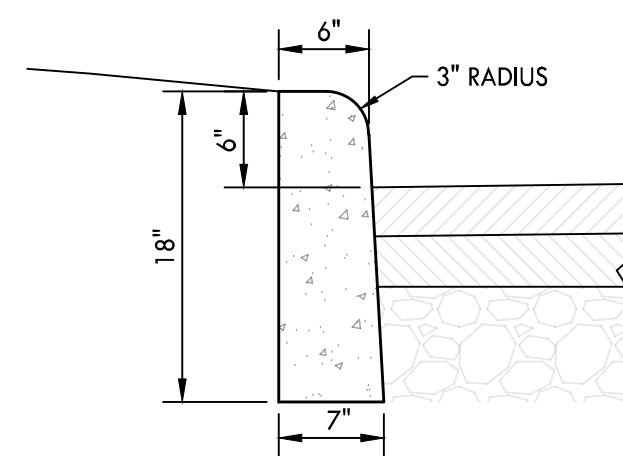
11 ACCESSIBLE RAMP - TYPE B
NOT TO SCALE



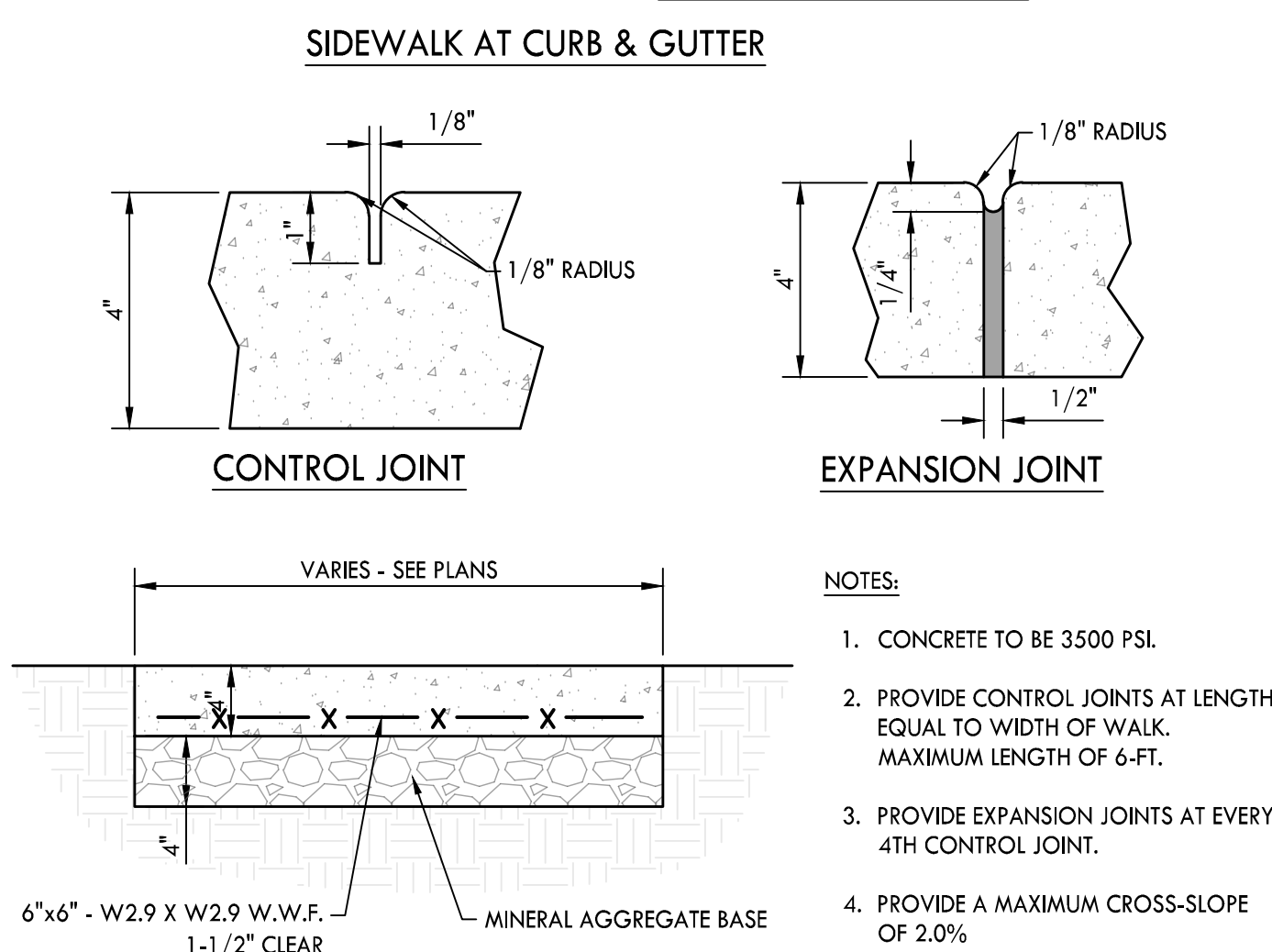
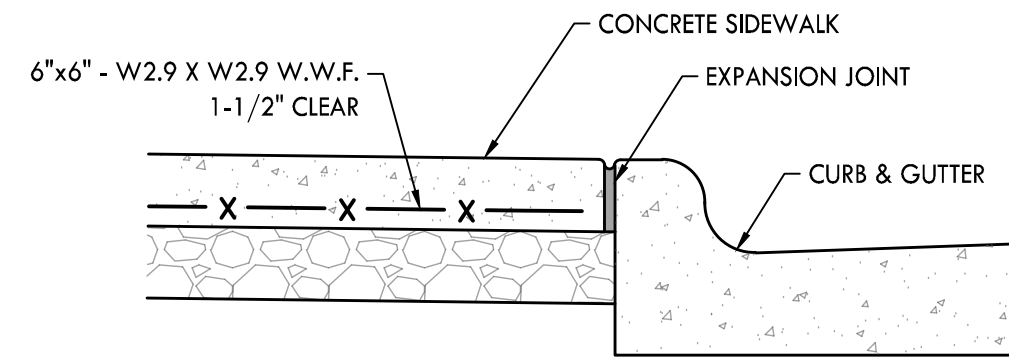
8 24" PAINTED STOP BAR
NOT TO SCALE



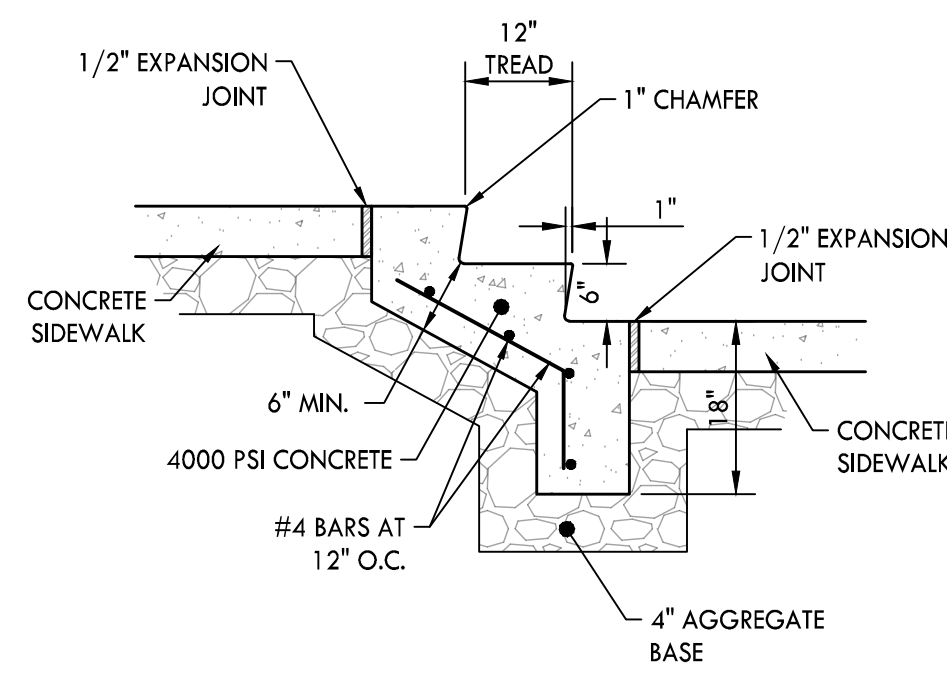
5 ACCESSIBLE PARKING SIGN
NOT TO SCALE



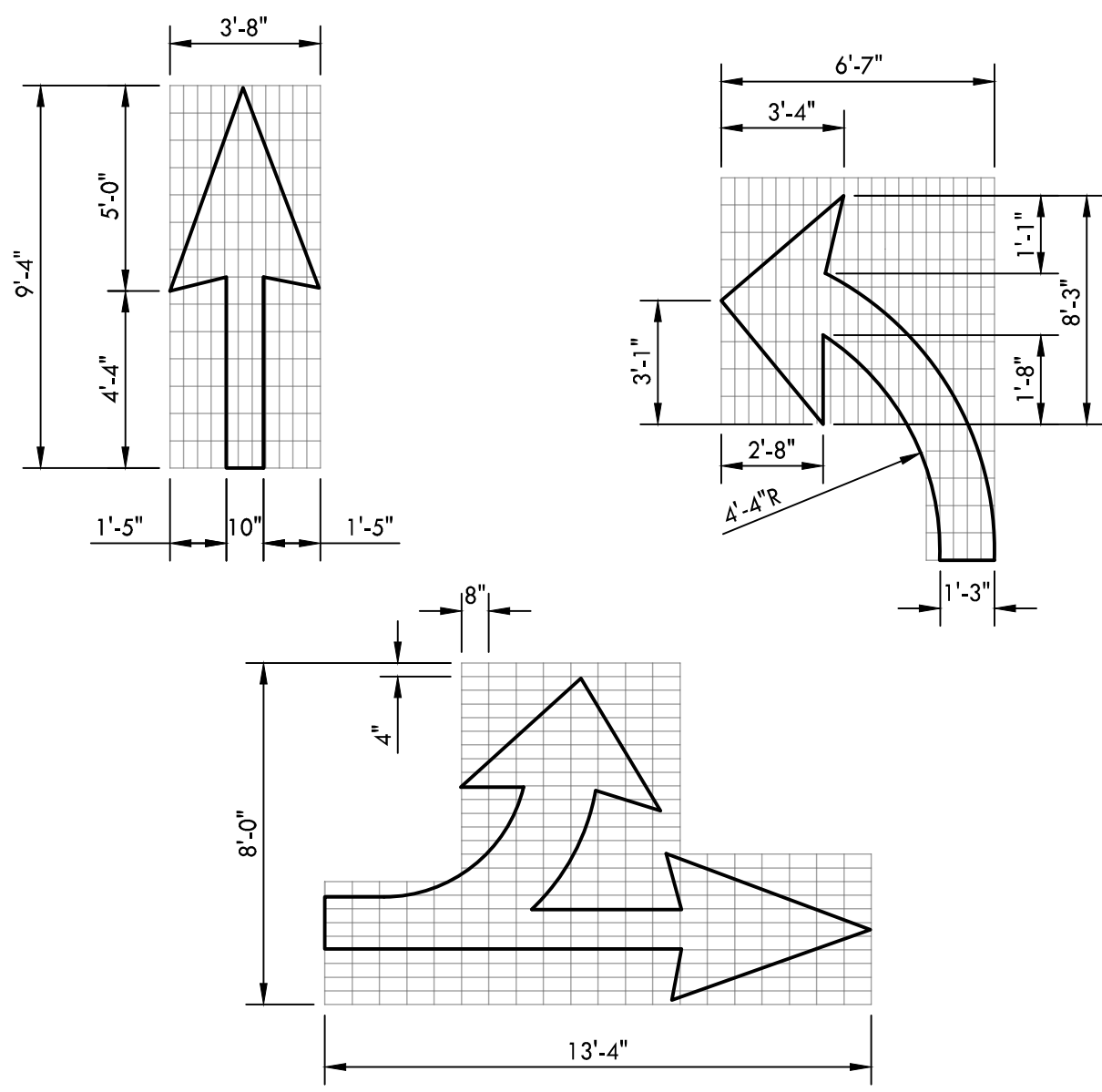
2 POST CURB
NOT TO SCALE



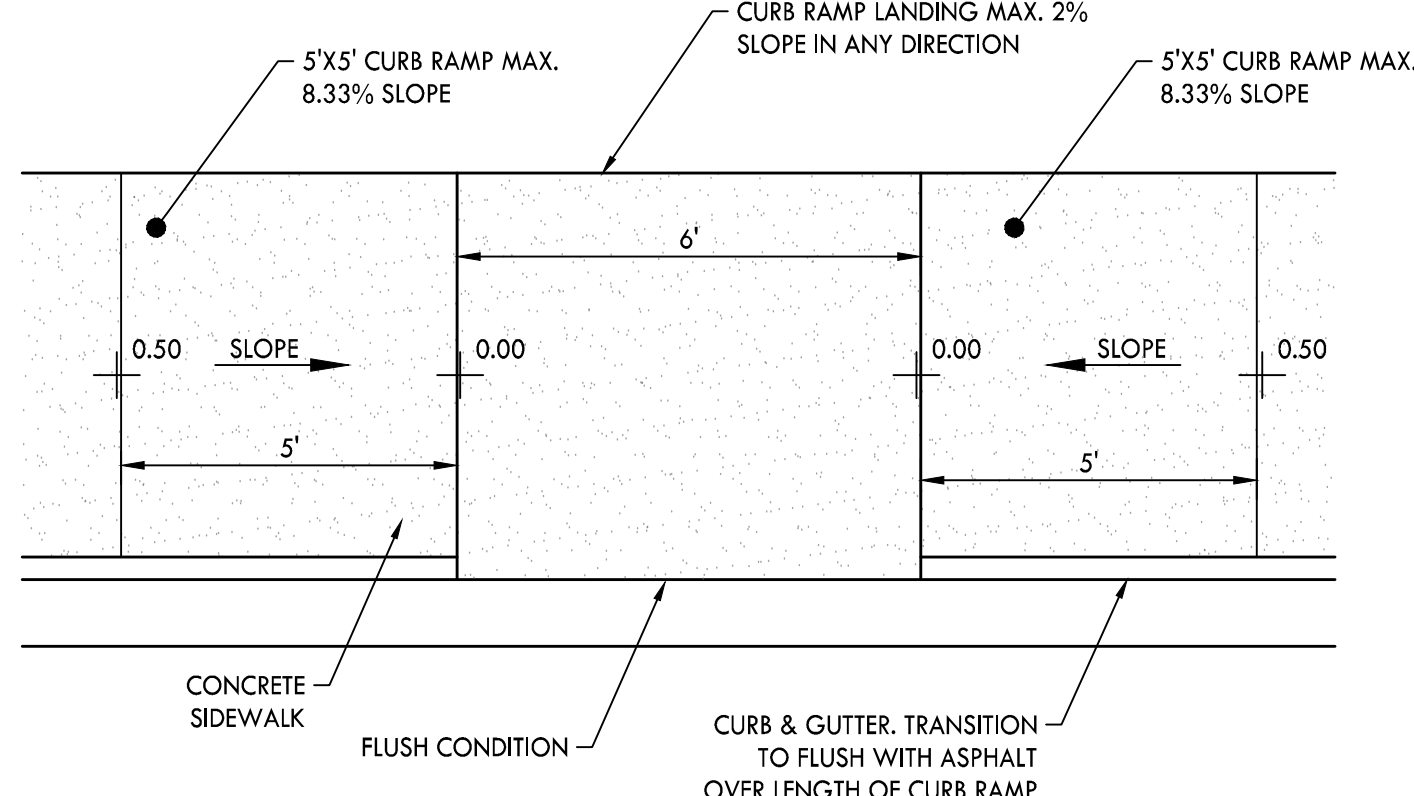
3 CONCRETE SIDEWALK
NOT TO SCALE



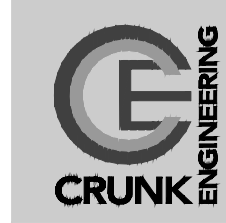
12 CONCRETE STAIRS
NOT TO SCALE



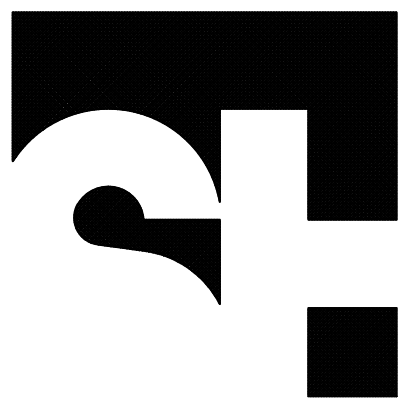
9 DIRECTIONAL ARROW
NOT TO SCALE



6 CURB RAMP AT ACCESSIBLE PARKING
NOT TO SCALE



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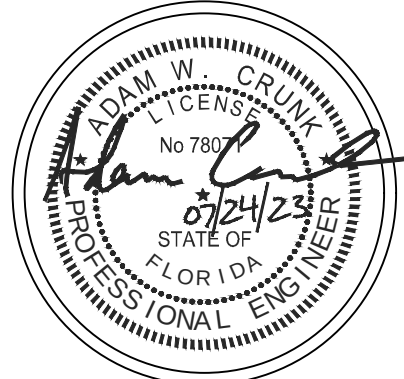
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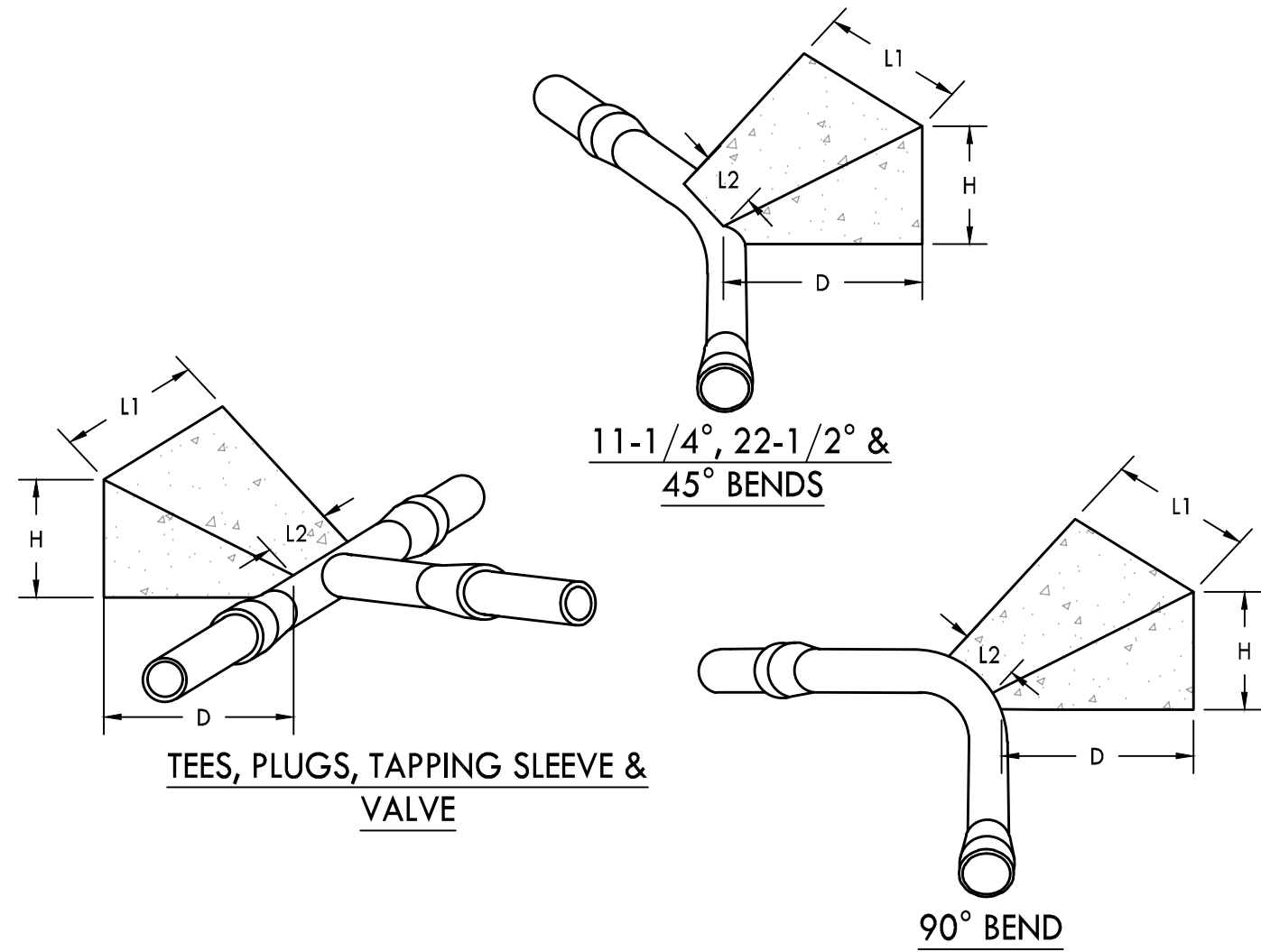


DETAILS
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15 JUNE 2023

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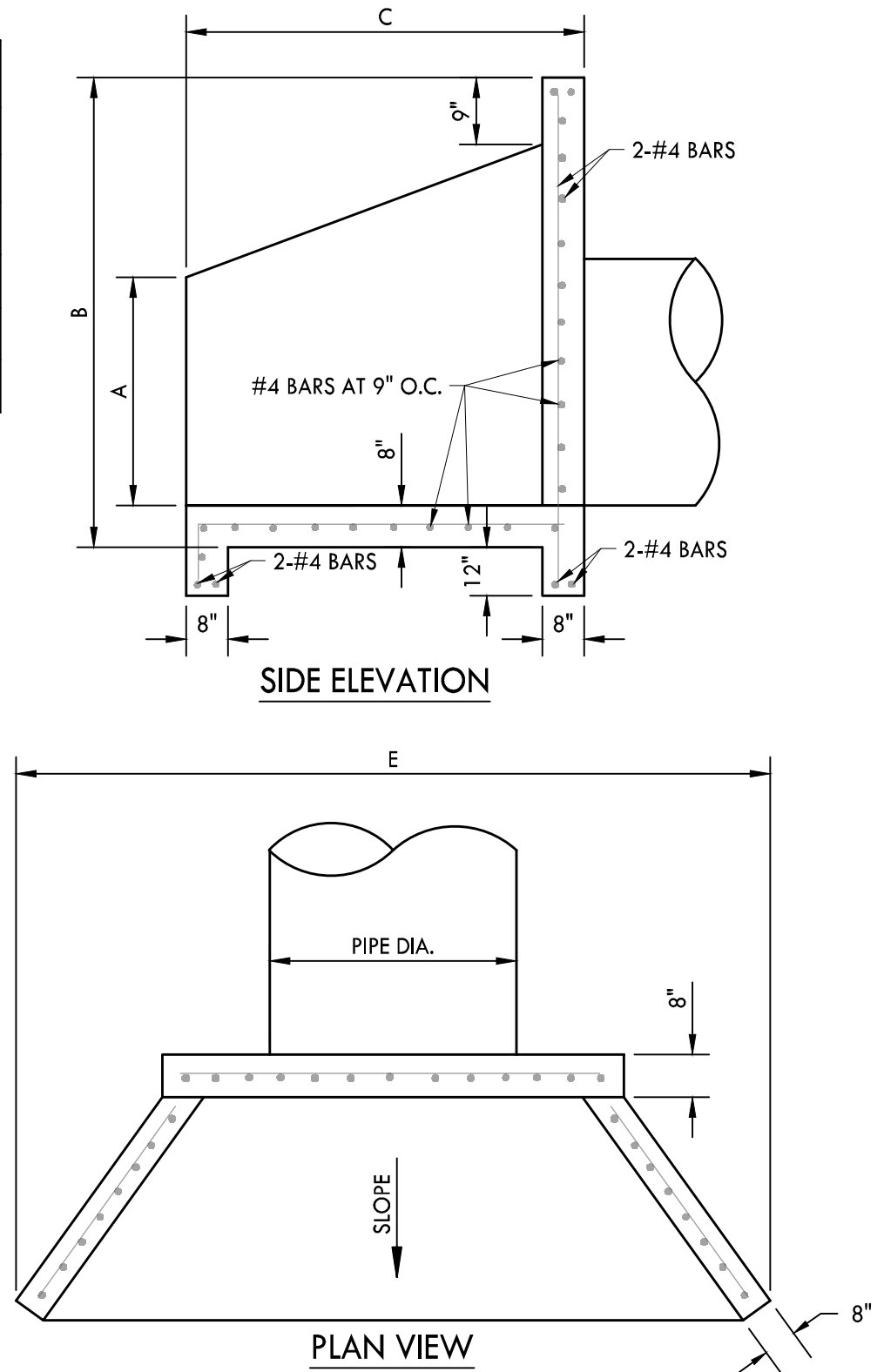
THRUST BLOCK DIMENSIONS						
PIPE SIZE (IN)	2" & 2-1/4"	3" & 4"	6"	8"	10"	12"
TEES, PLUGS & TAPPING SLEEVES	L1	18"	24"	24"	36"	48"
	L2	10"	12"	16"	18"	24"
	H	12"	12"	18"	18"	24"
	D	18"	18"	18"	24"	24"
	CU. FT.	1.90	2.25	3.50	5.05	7.15
90° BENDS	L1	18"	24"	30"	39"	54"
	L2	10"	12"	16"	18"	32"
	H	12"	12"	18"	24"	36"
	D	18"	18"	18"	18"	24"
	CU. FT.	1.90	2.25	4.05	7.30	18.15
45° BENDS	L1	18"	18"	24"	30"	42"
	L2	6"	8"	10"	11"	18"
	H	12"	12"	16"	18"	21"
	D	18"	18"	18"	18"	24"
	CU. FT.	1.50	1.60	3.20	3.95	9.60
22-1/2° BENDS	L1	18"	18"	24"	24"	24"
	L2	6"	8"	10"	11"	18"
	H	12"	12"	16"	18"	21"
	D	18"	18"	18"	18"	24"
	CU. FT.	1.50	1.60	3.20	3.40	6.80
11-1/4° BENDS	L1	18"	18"	24"	24"	24"
	L2	6"	8"	10"	11"	18"
	H	12"	12"	16"	18"	21"
	D	18"	18"	18"	18"	24"
	CU. FT.	1.50	1.60	3.20	3.40	6.10



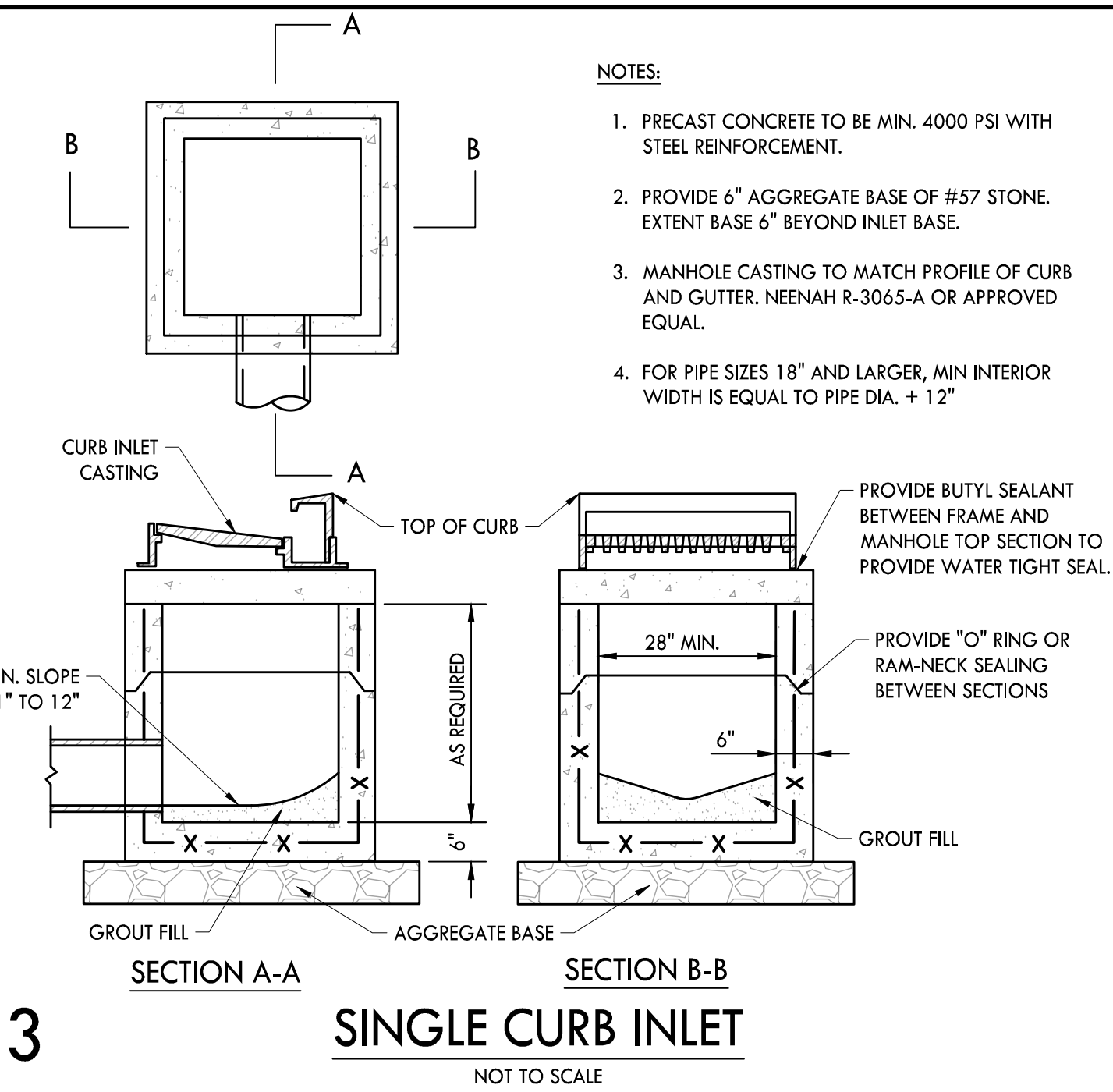
8 THRUST BLOCK
NOT TO SCALE

DIMENSION TABLE					
PIPE DIA.	A	B	C	D	E
UP TO 18"	15"	36"	30"	50"	96"
18" TO 30"	24"	48"	42"	62"	120"
30" TO 42"	30"	60"	48"	76"	136"
42" TO 60"	36"	80"	54"	96"	160"
60" TO 72"	42"	92"	66"	108"	176"

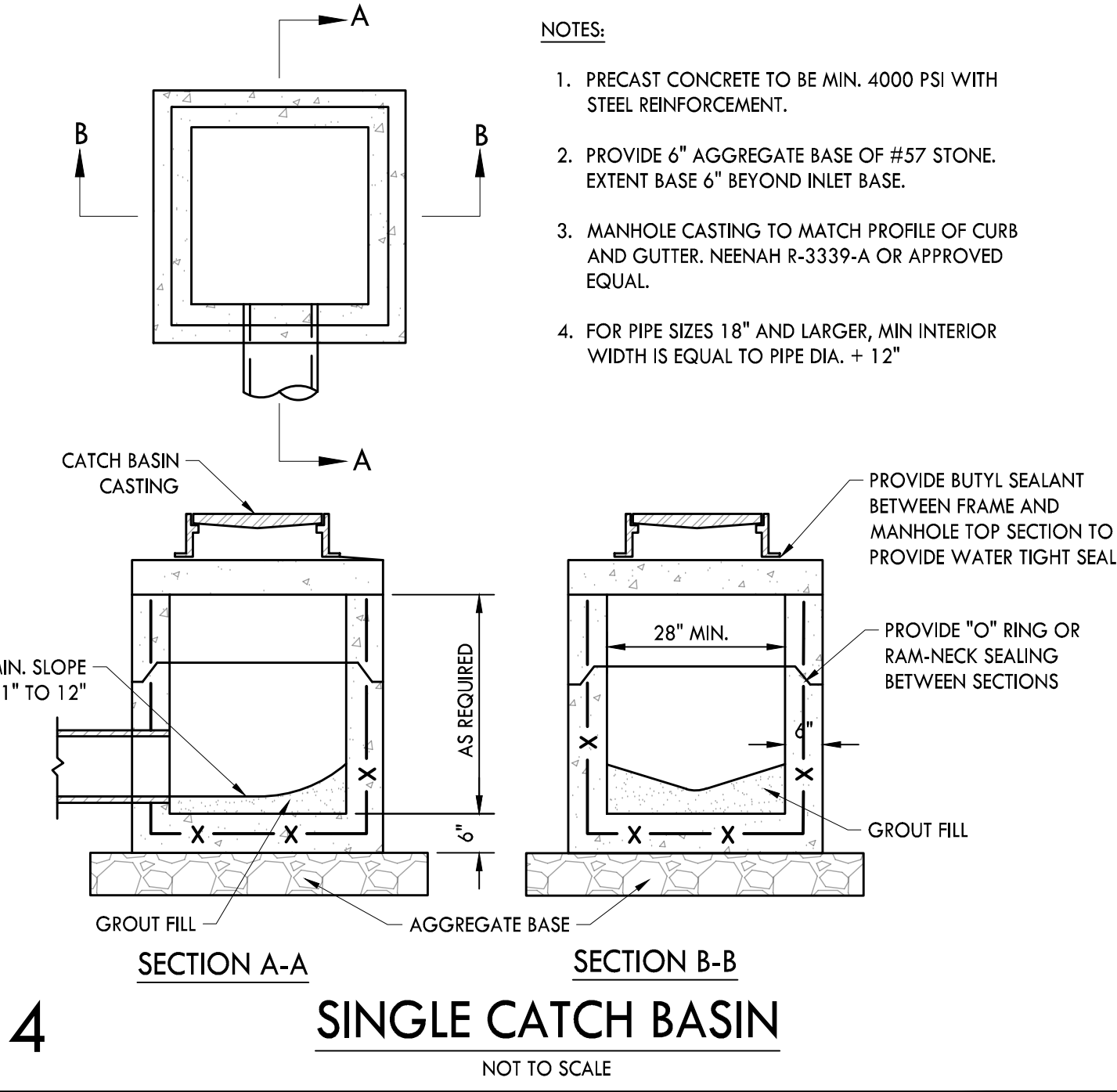
- NOTES:
1. CONCRETE TO BE 4000 PSI.
 2. REINFORCING STEEL SHALL MEET ASTM A615 FOR GRADE 60, MIN. 2" CLEARANCE.
 3. PIPE TO BE GROUTED INTO HEADWALL ON SITE.
 4. PRECAST HEADWALLS ARE ACCEPTABLE IN LIEU OF CAST IN PLACE. PRECAST ELEMENTS TO MEET ASTM C913.
 5. CHAMFER ALL CORNERS 1".



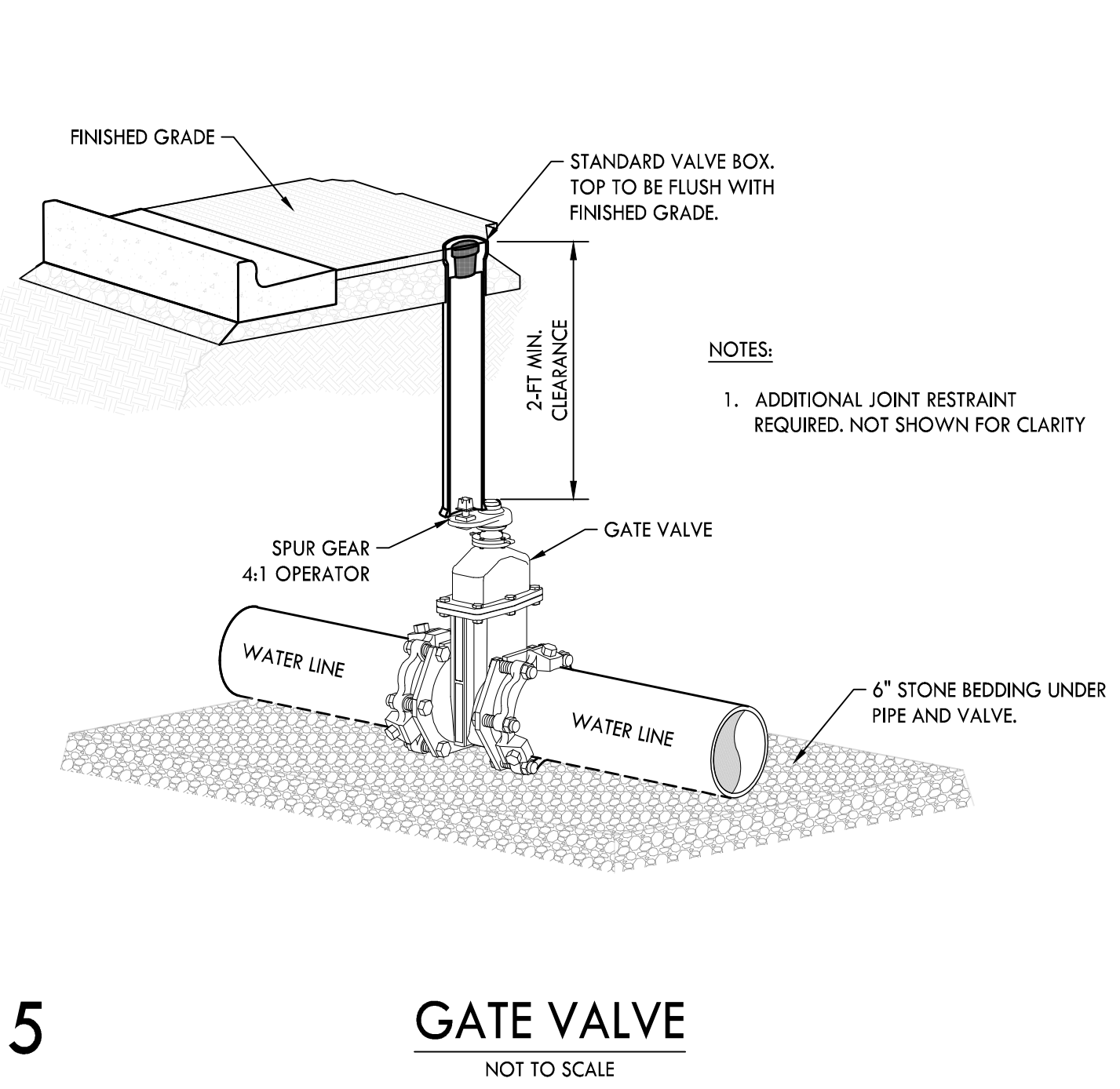
6 CONCRETE HEADWALL
NOT TO SCALE



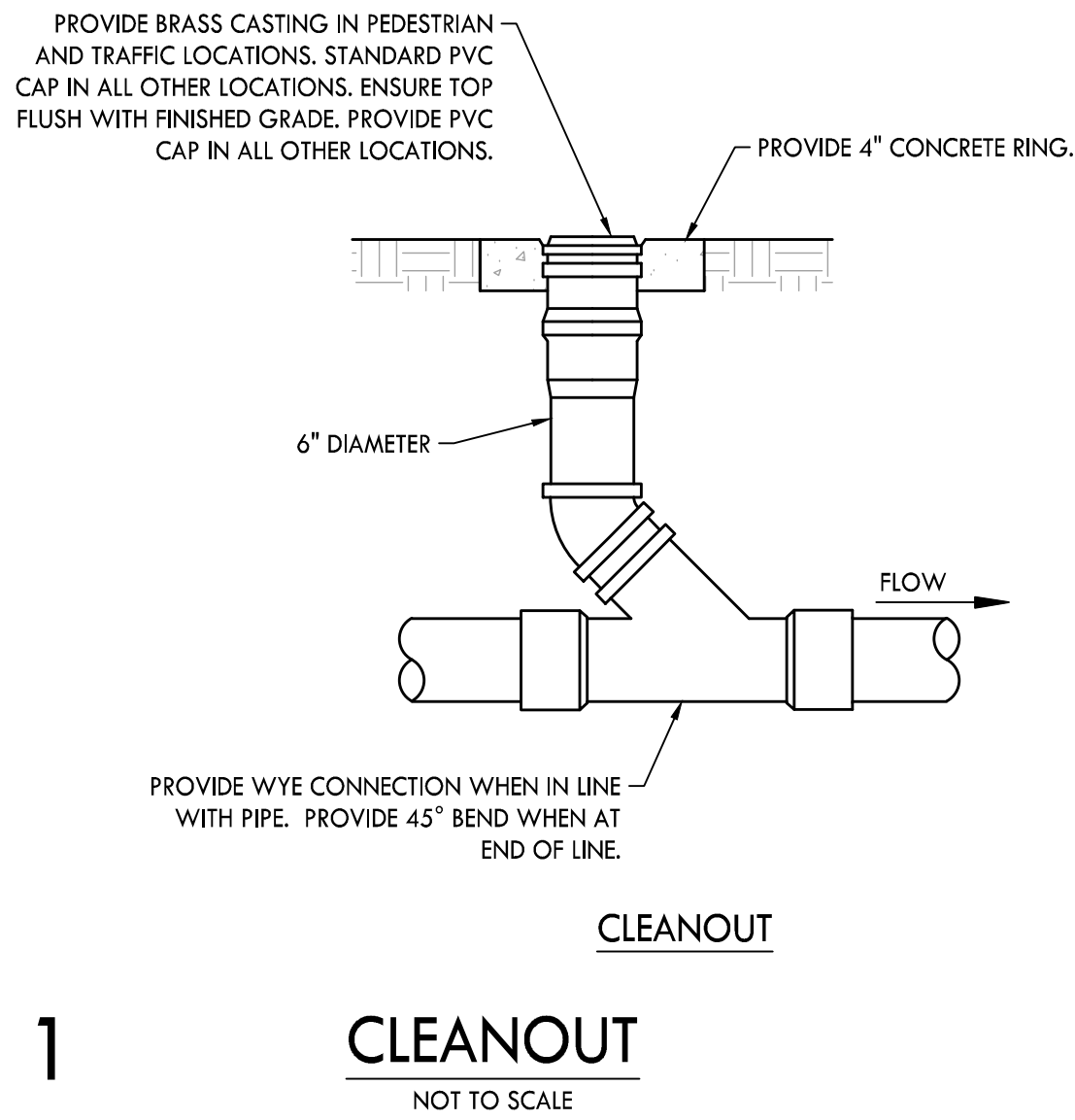
3 SINGLE CURB INLET
NOT TO SCALE



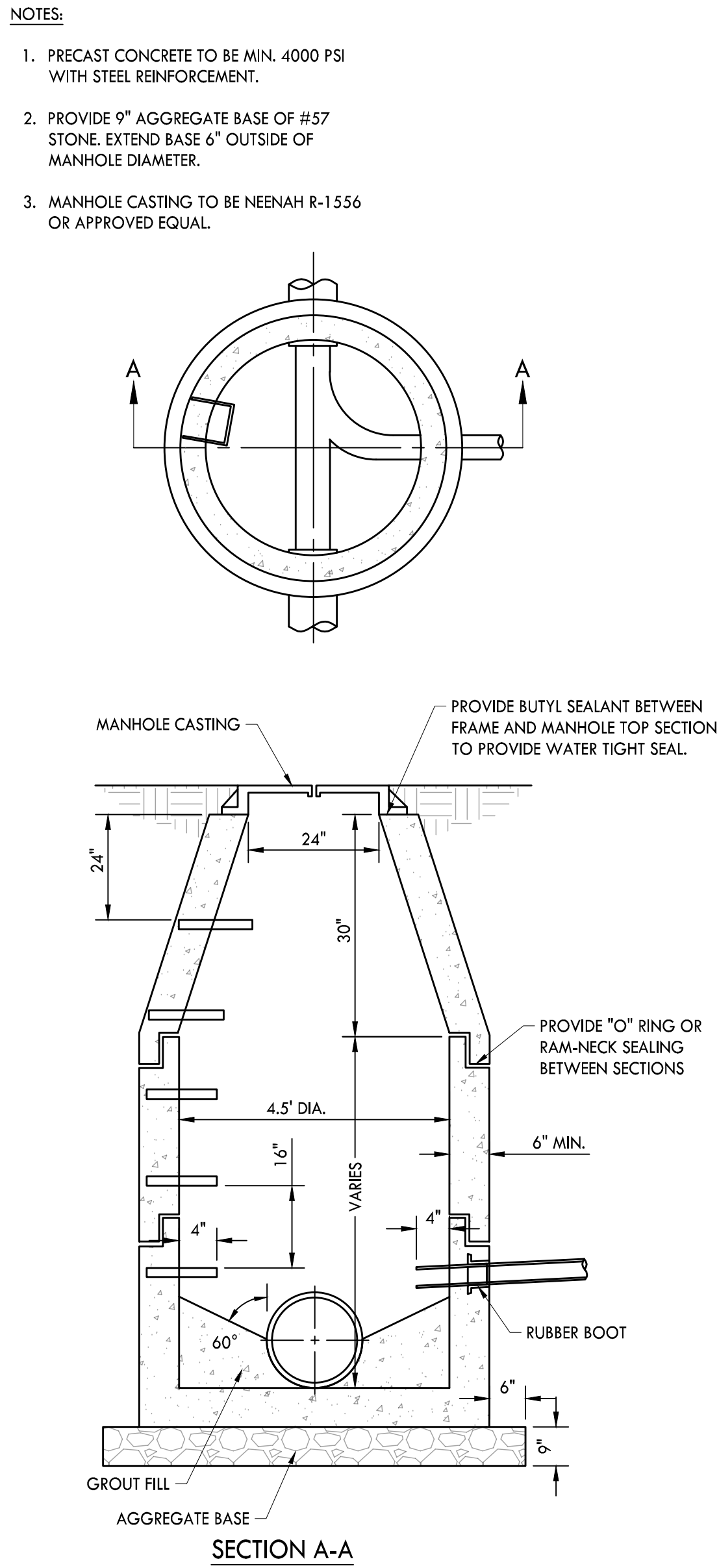
4 SINGLE CATCH BASIN
NOT TO SCALE



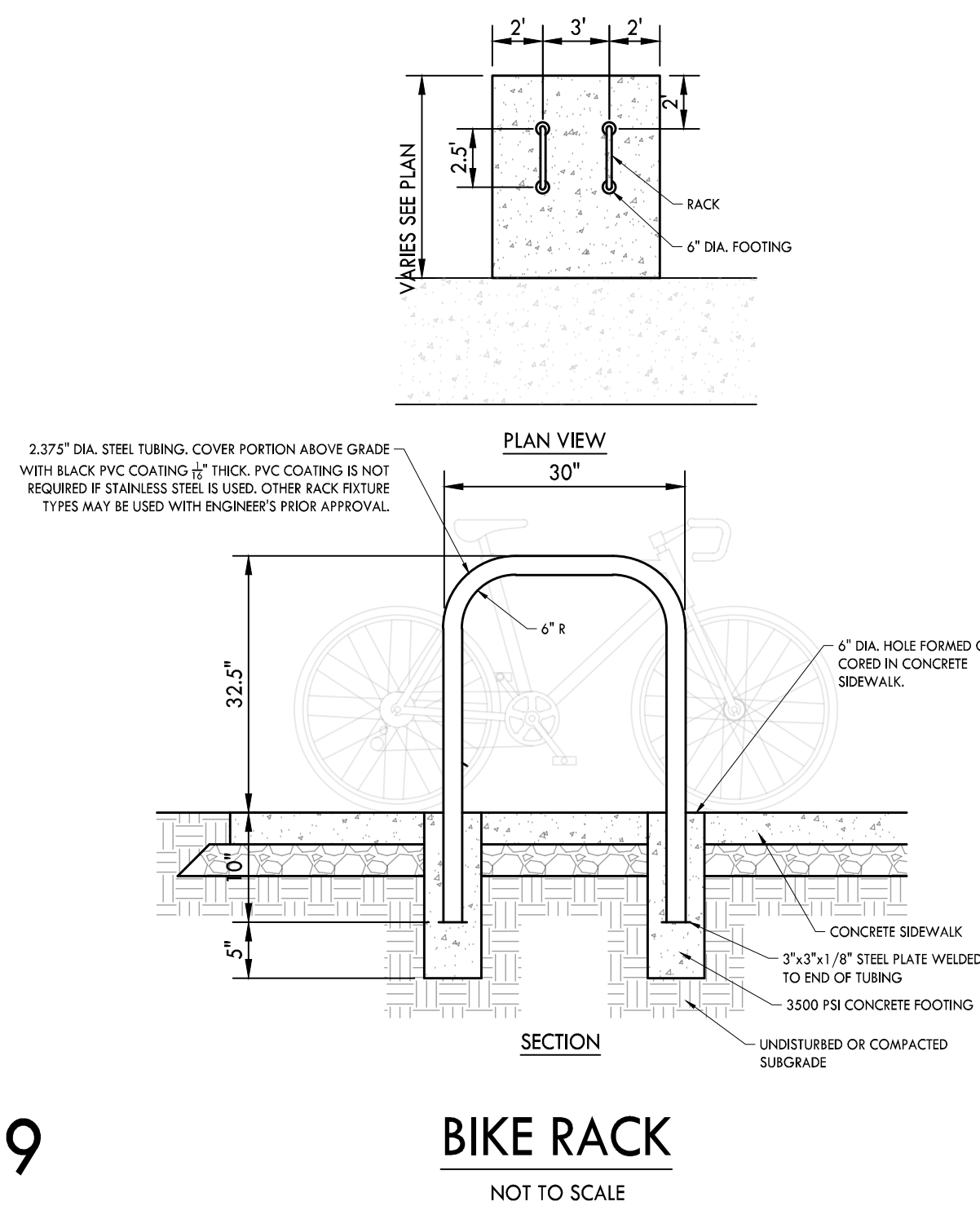
5 GATE VALVE
NOT TO SCALE



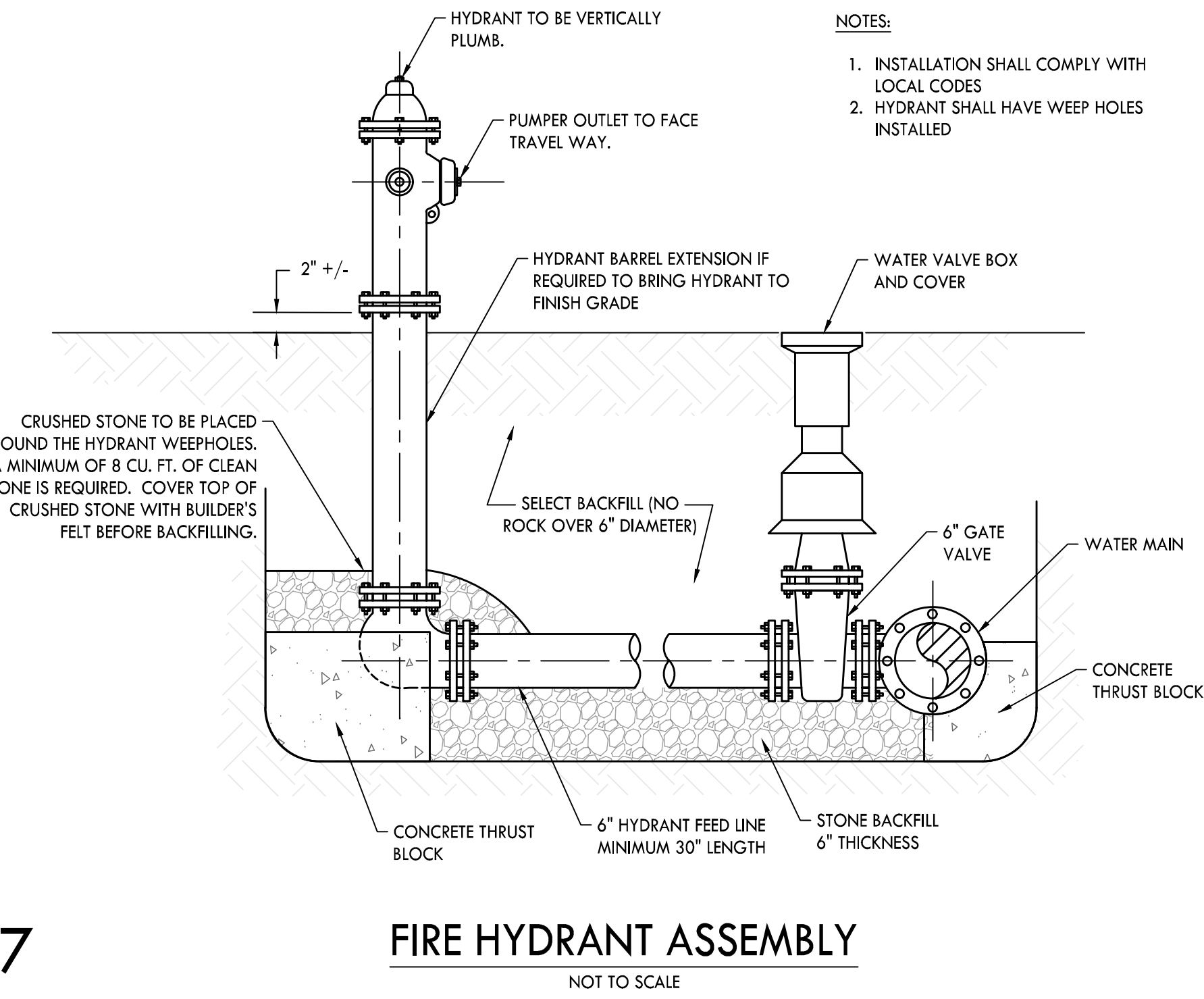
1 CLEANOUT
NOT TO SCALE



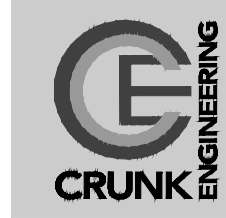
2 PRECAST CONCRETE MANHOLE
NOT TO SCALE



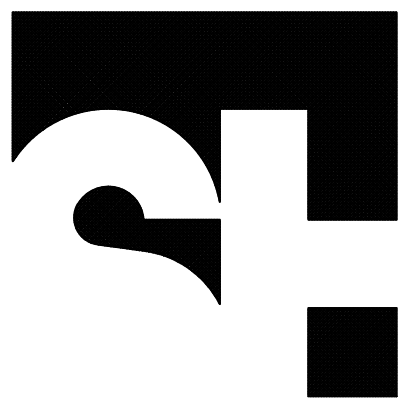
9 BIKE RACK
NOT TO SCALE



7 FIRE HYDRANT ASSEMBLY
NOT TO SCALE



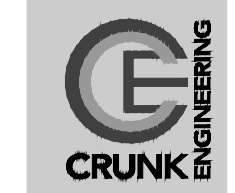
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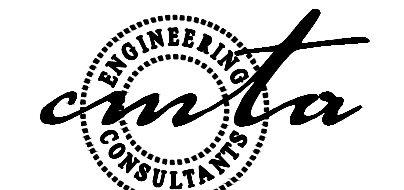
Civil Engineering



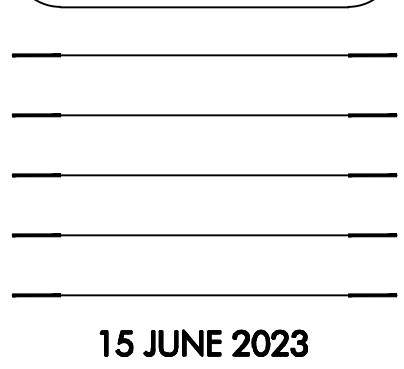
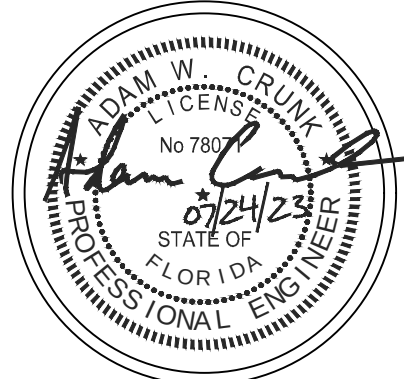
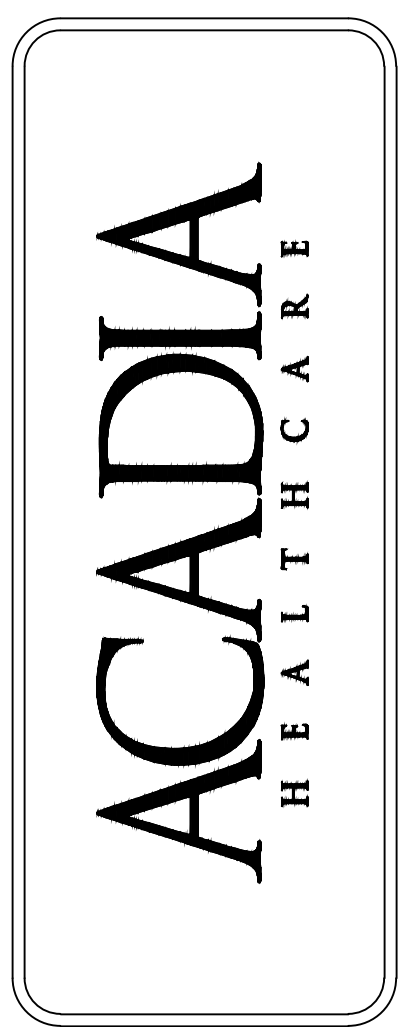
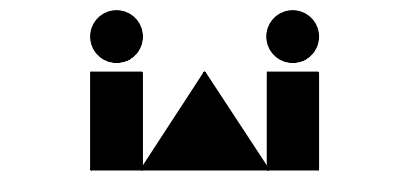
Structural Engineering



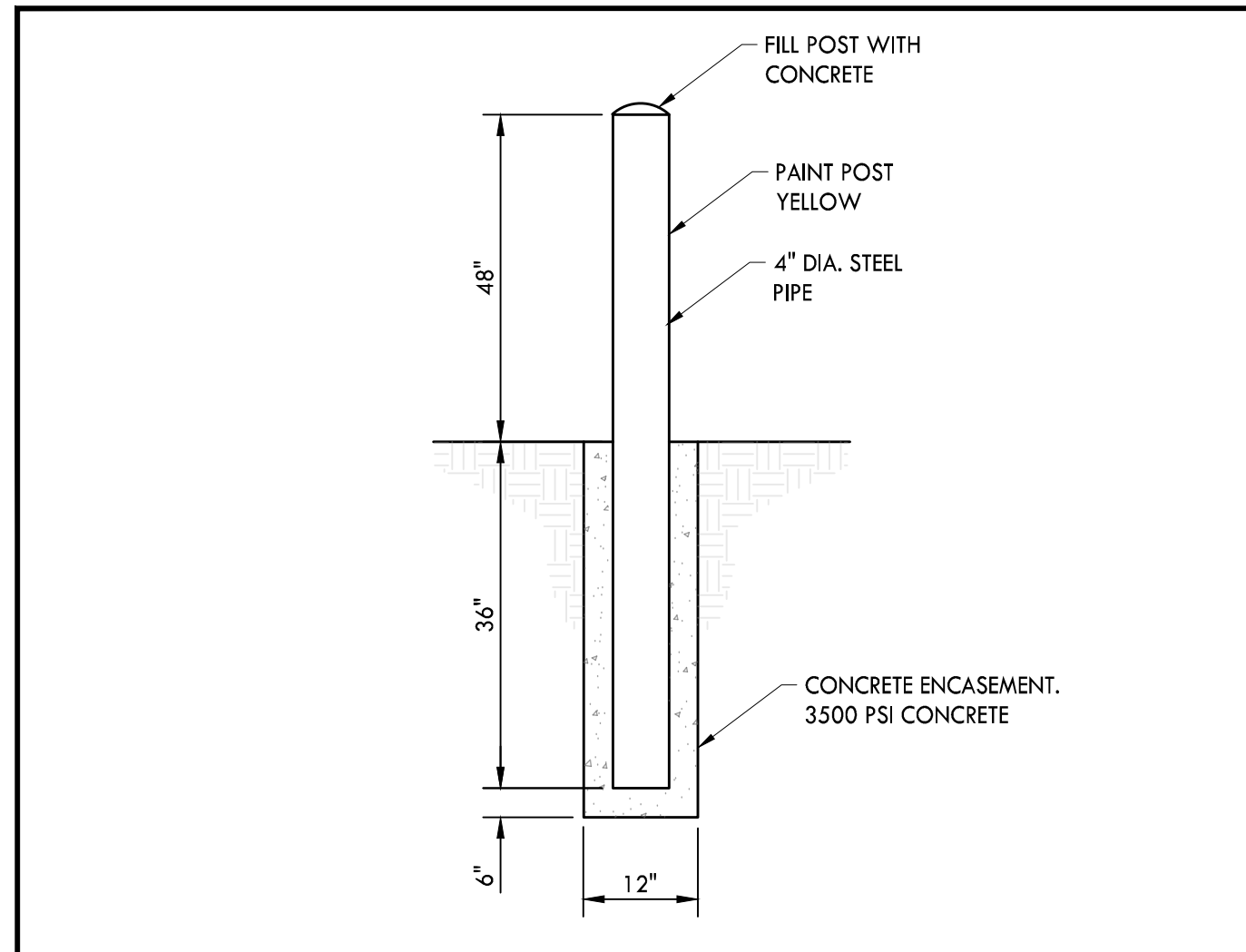
Mechanical/Electrical Engineering



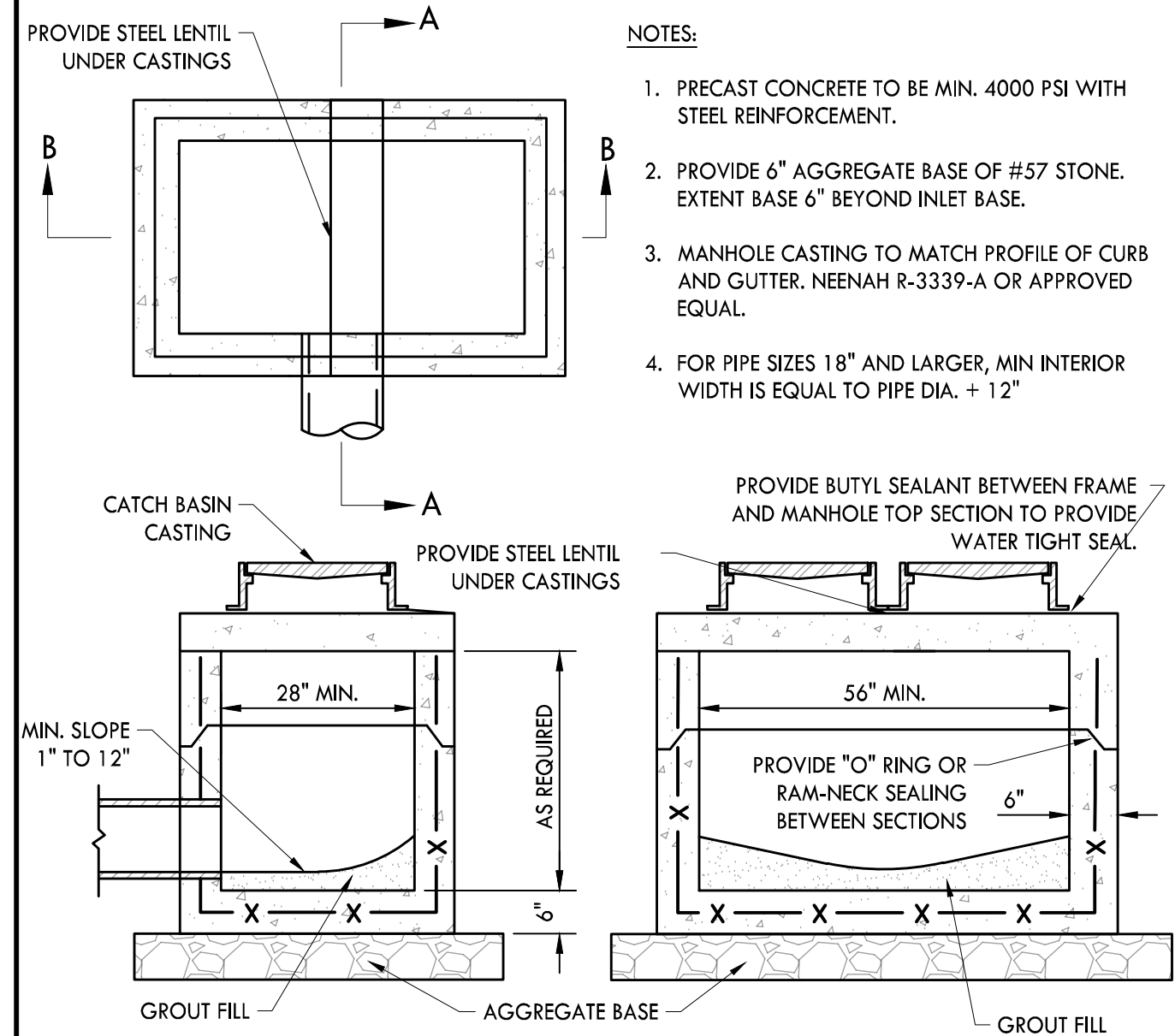
Foodservices Design



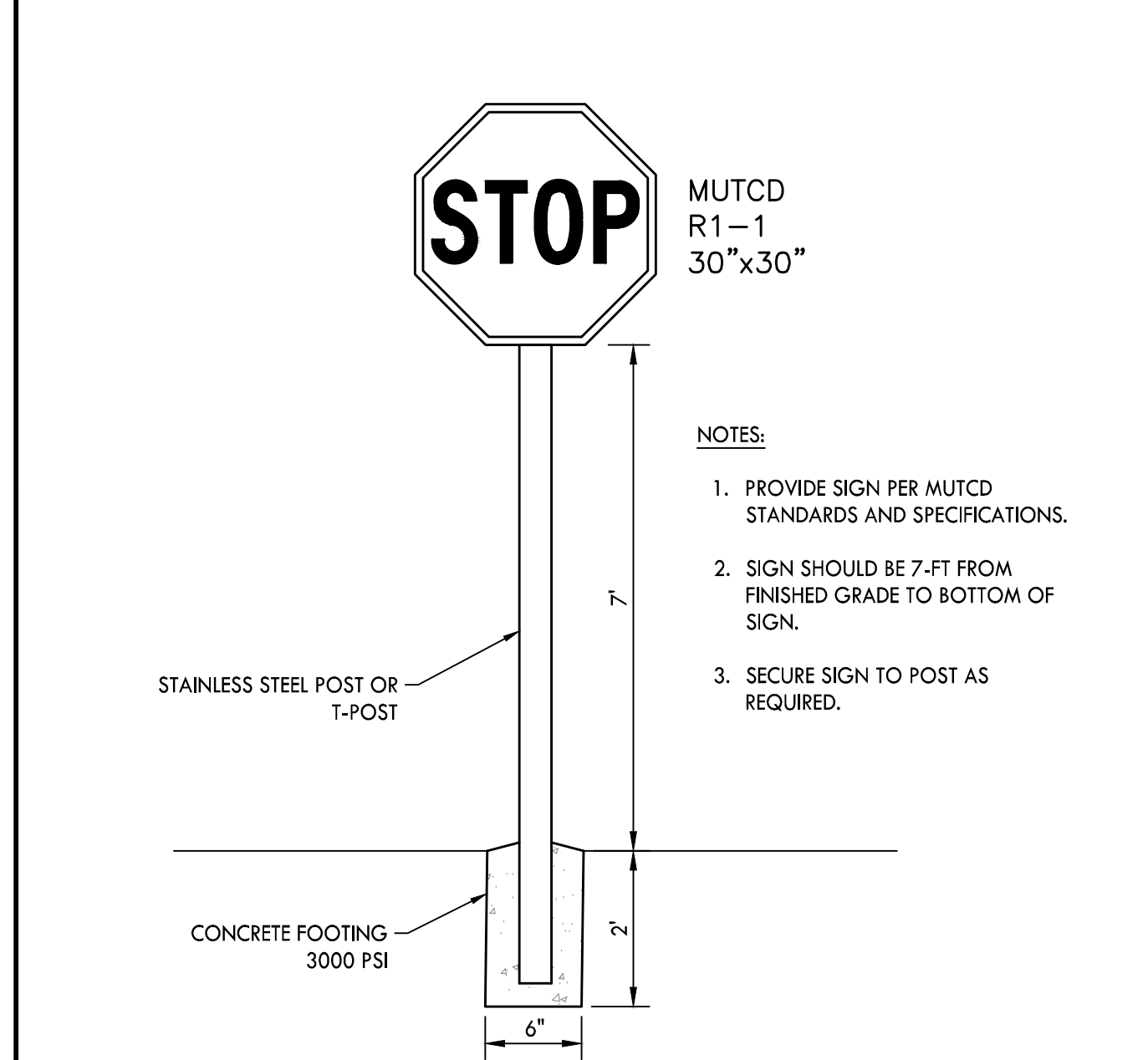
15 JUNE 2023



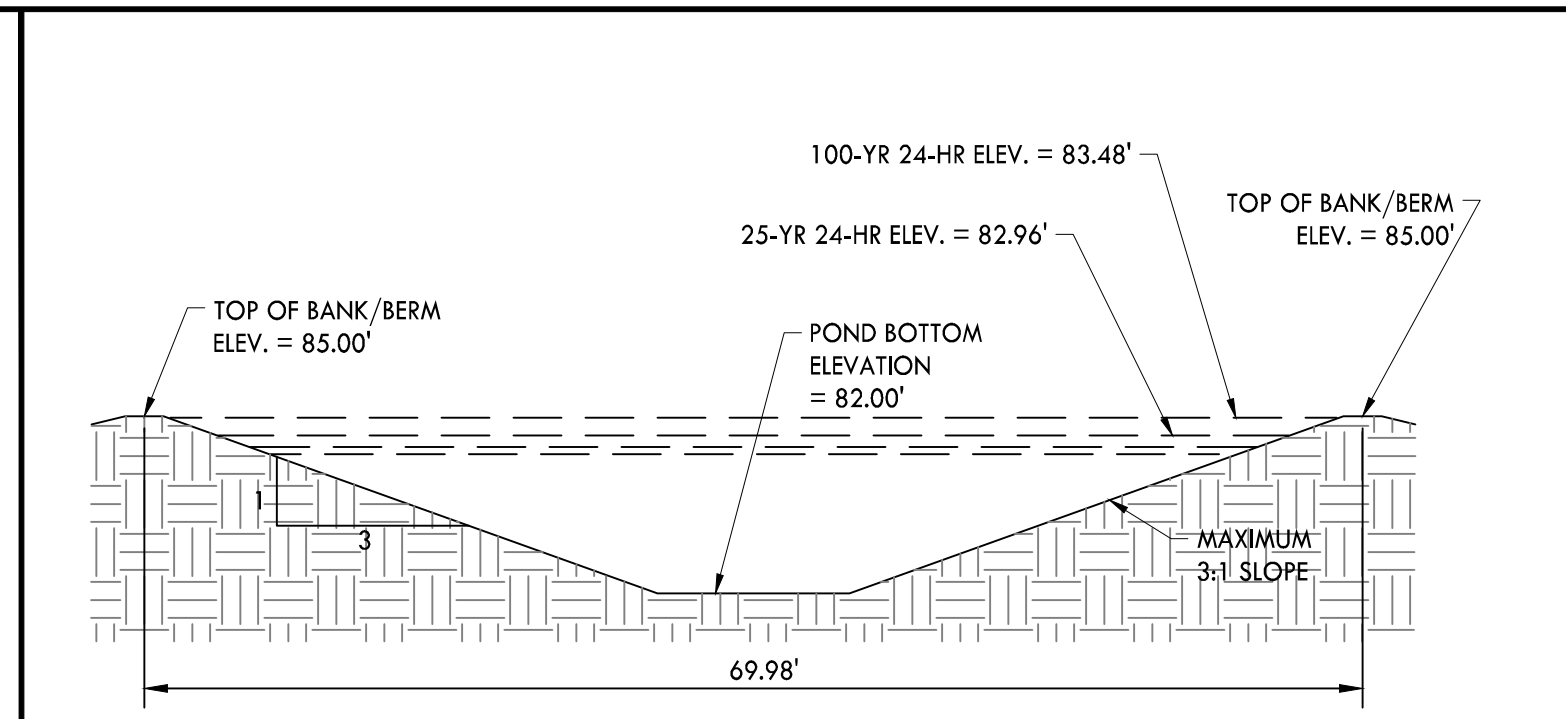
10 CONCRETE BOLLARD
NOT TO SCALE



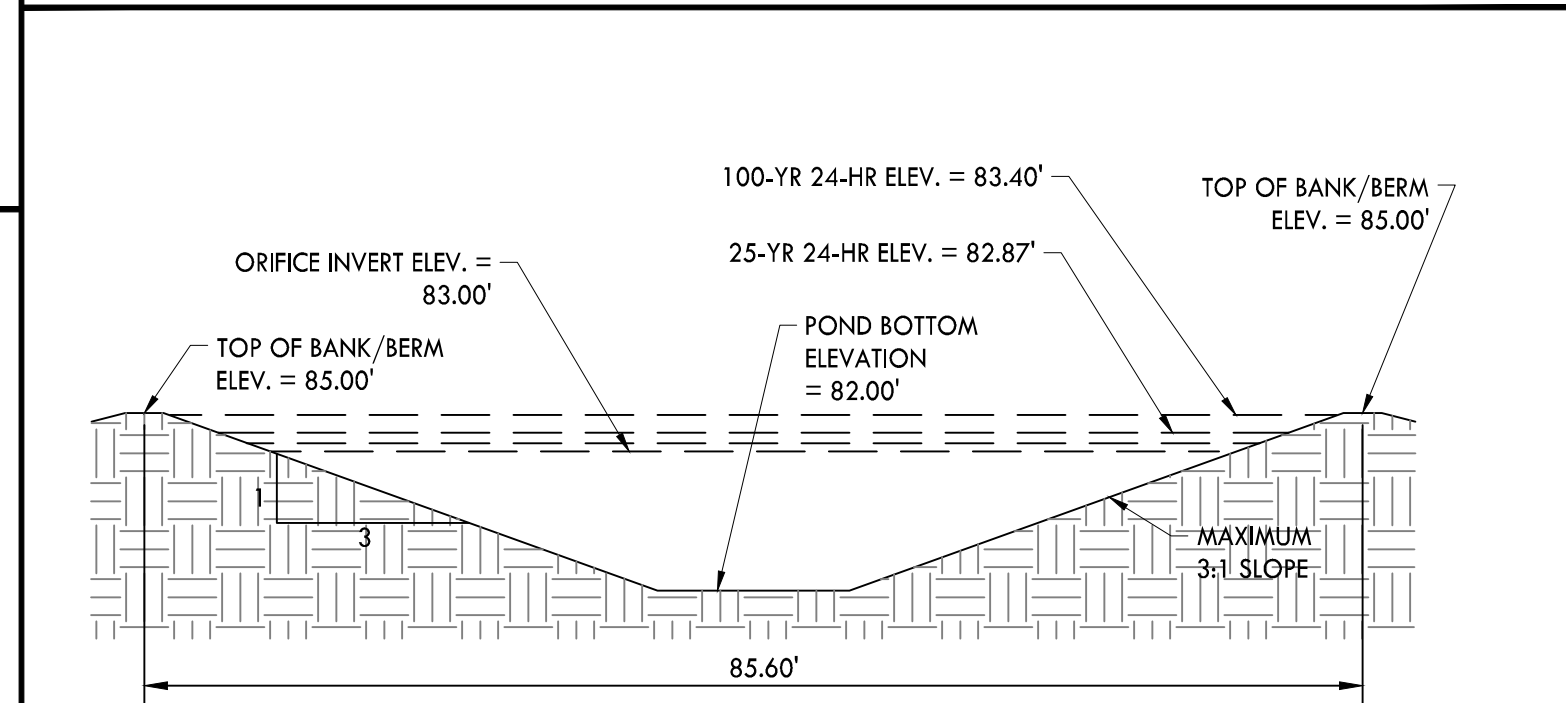
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NOT TO SCALE



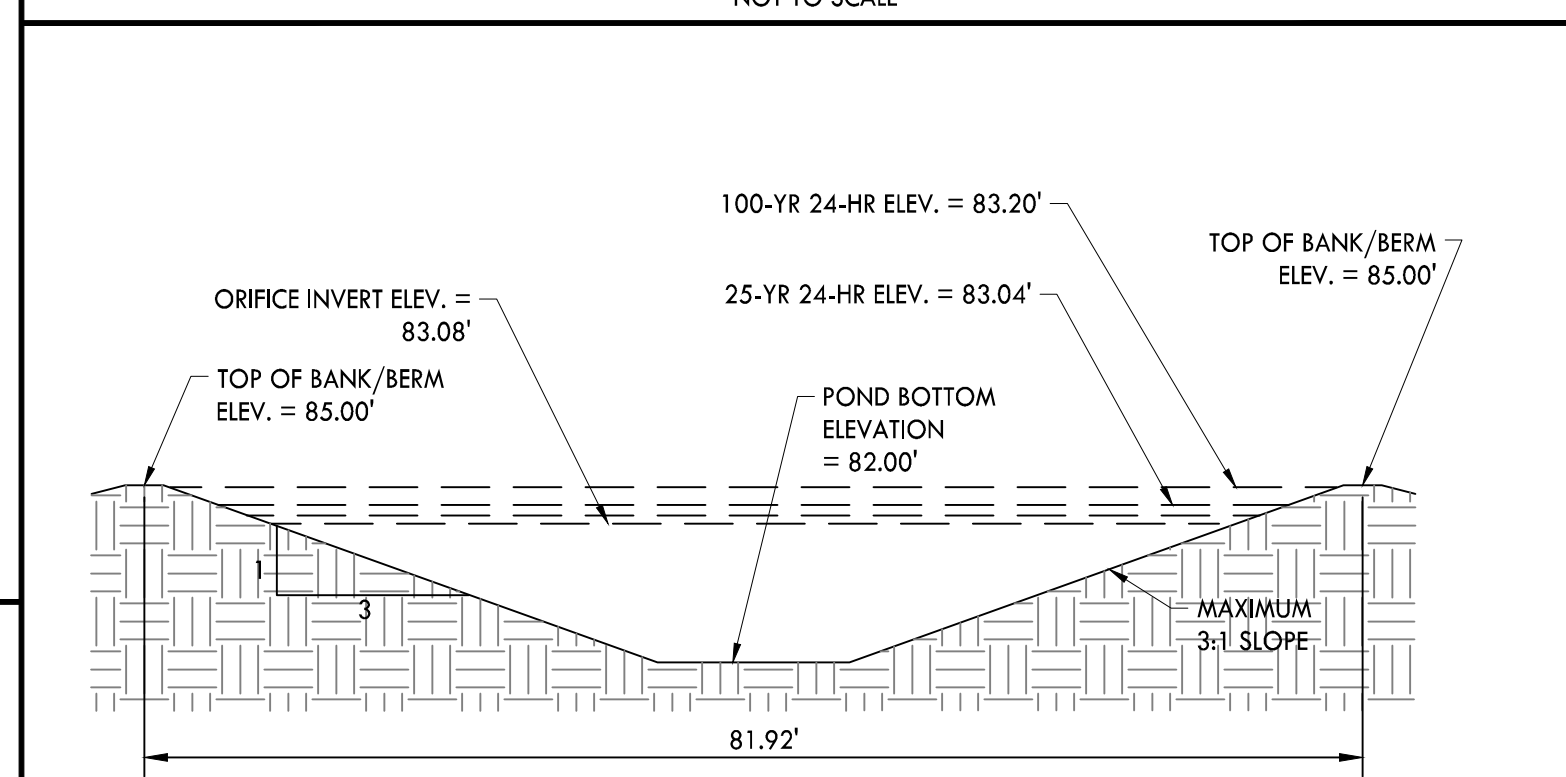
12 STOP SIGN
NOT TO SCALE



7 NORTHWEST POND CROSS-SECTION
NOT TO SCALE



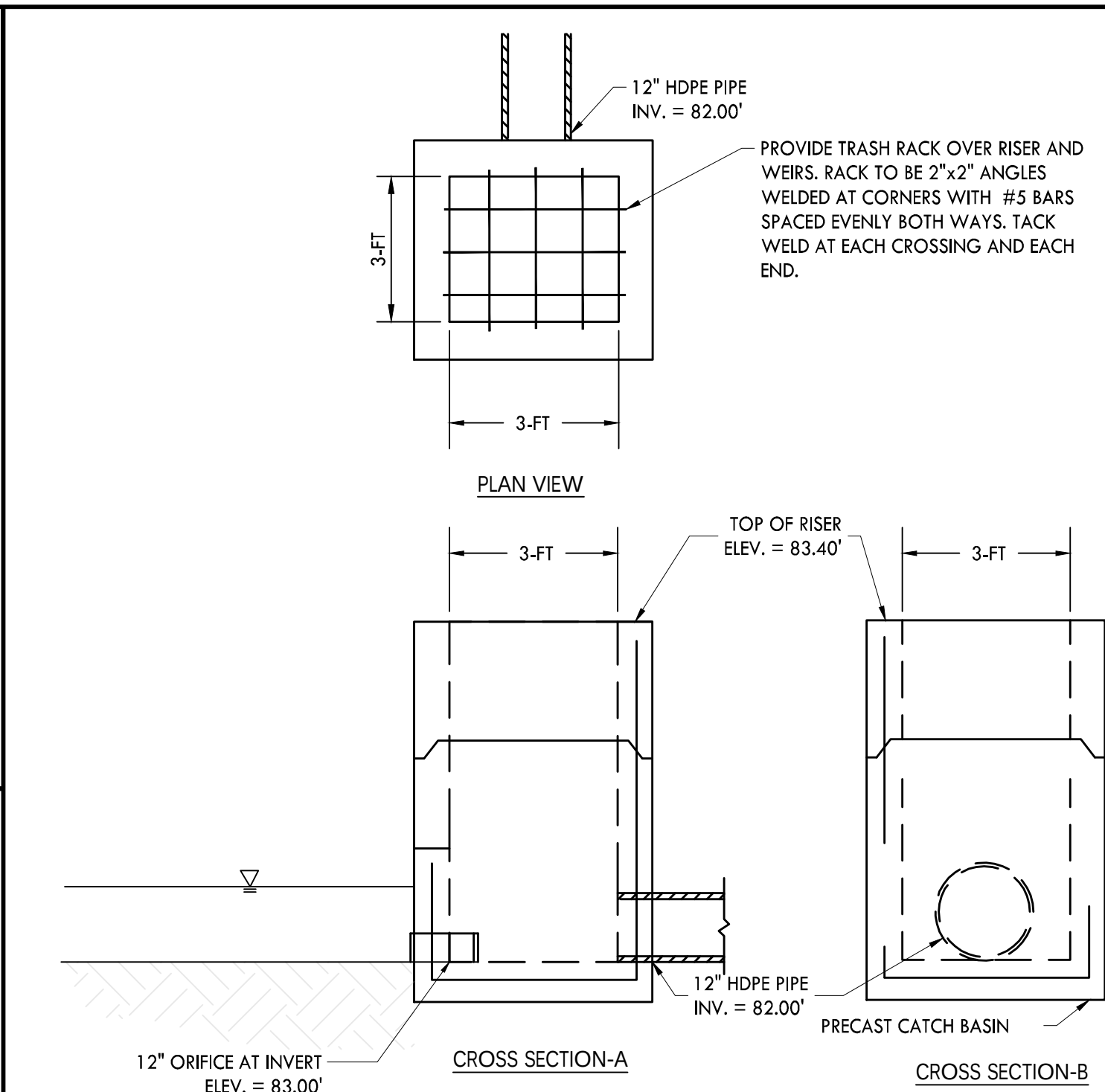
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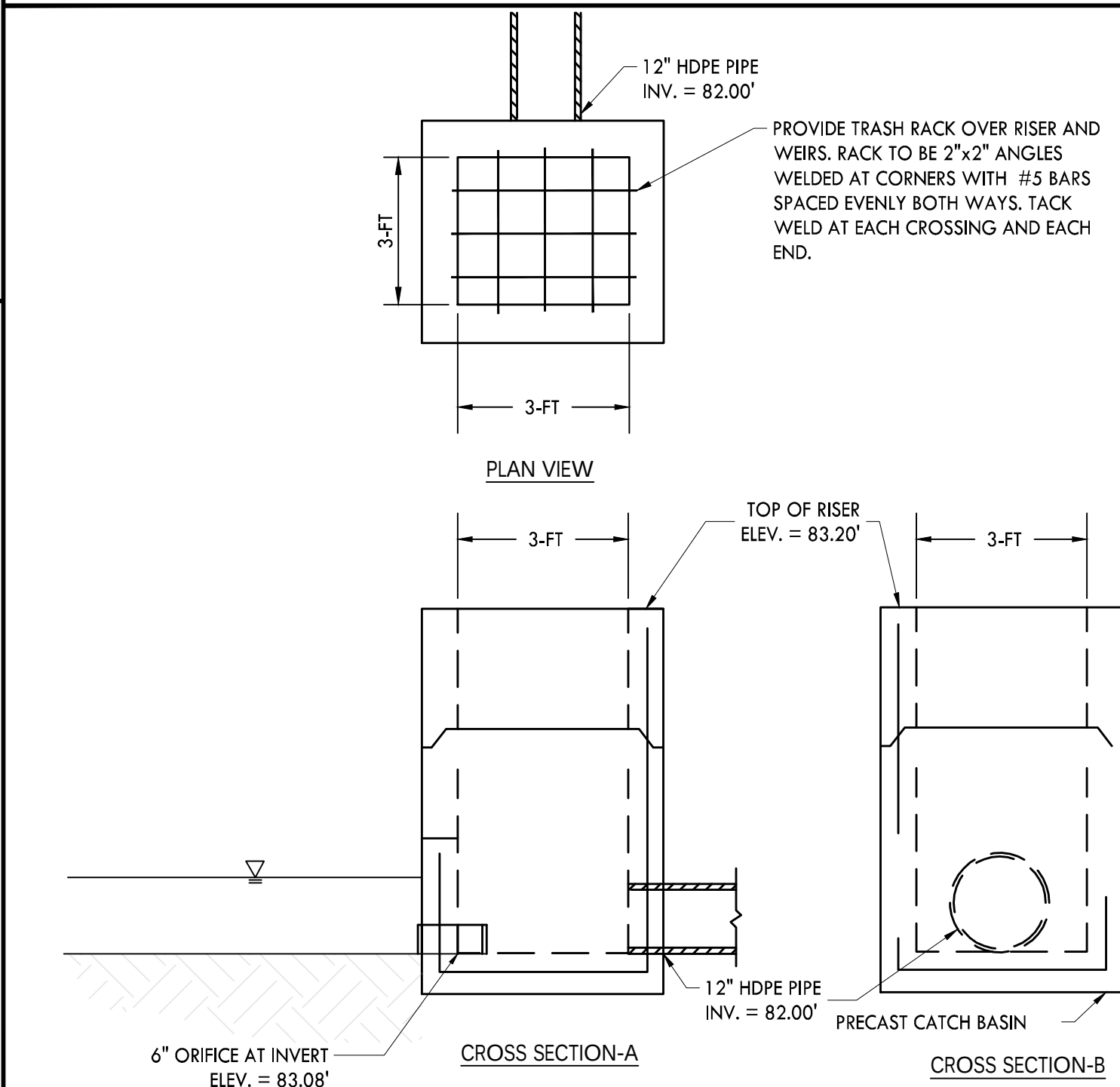
9 SOUTHEAST CROSS-SECTION
NOT TO SCALE



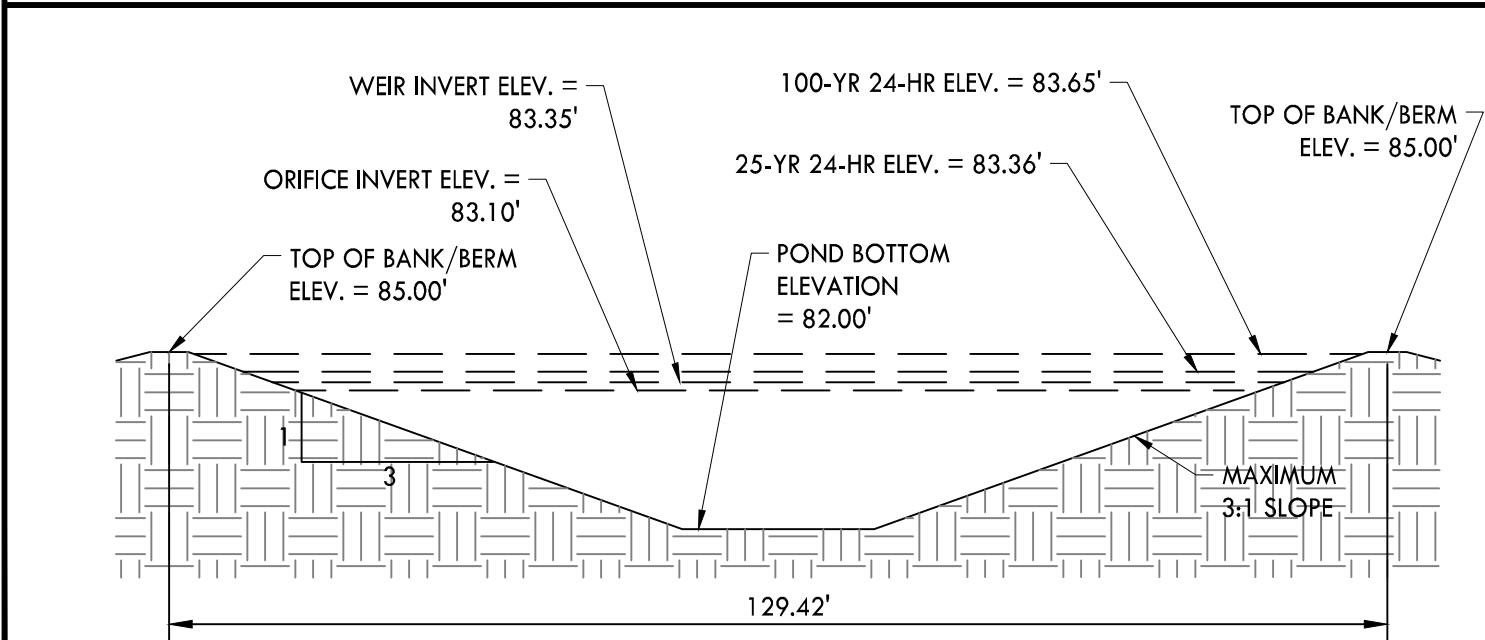
13 RESERVED
NOT TO SCALE



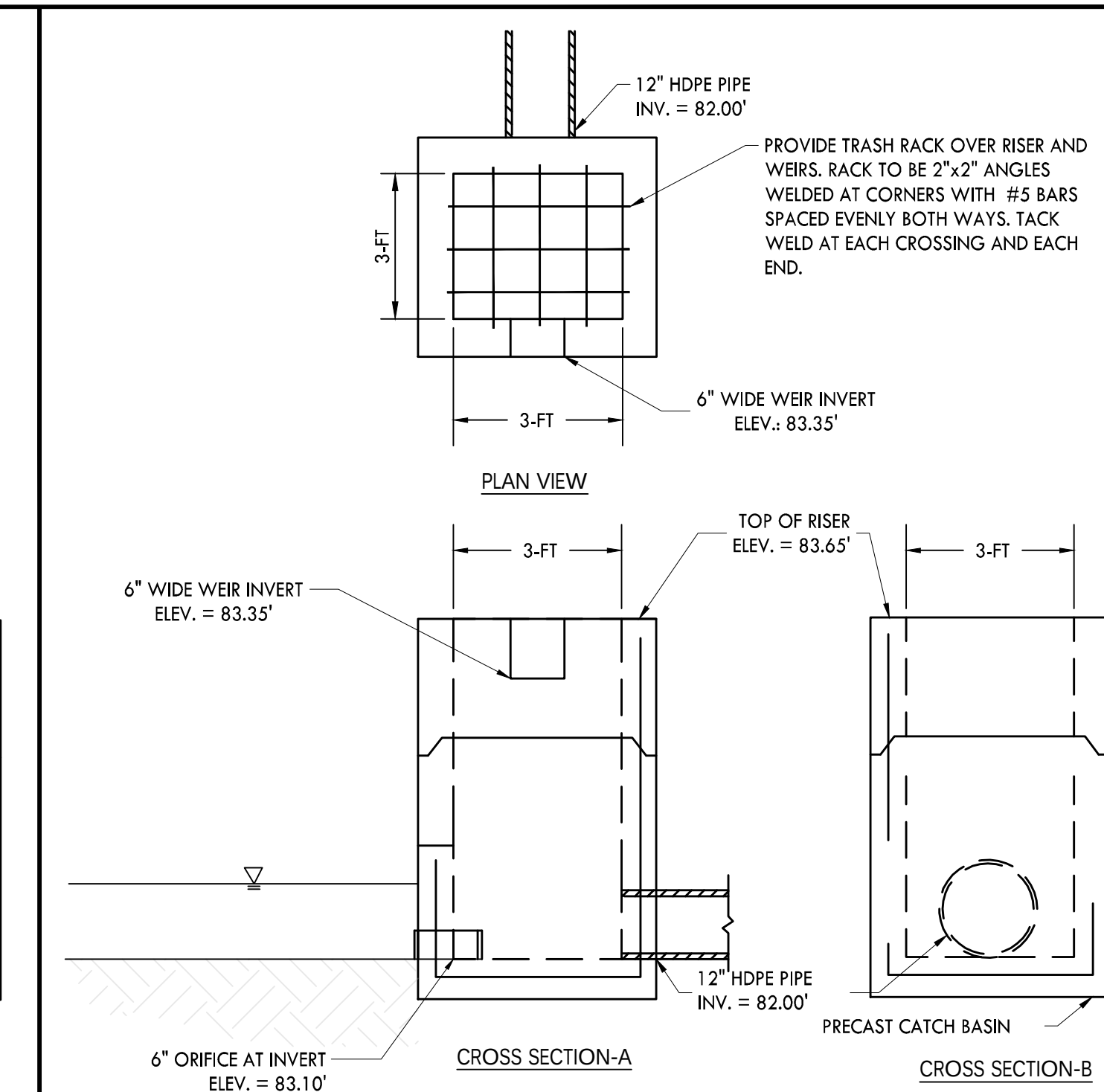
3 SOUTHWEST POND OUTLET STRUCTURE
NOT TO SCALE



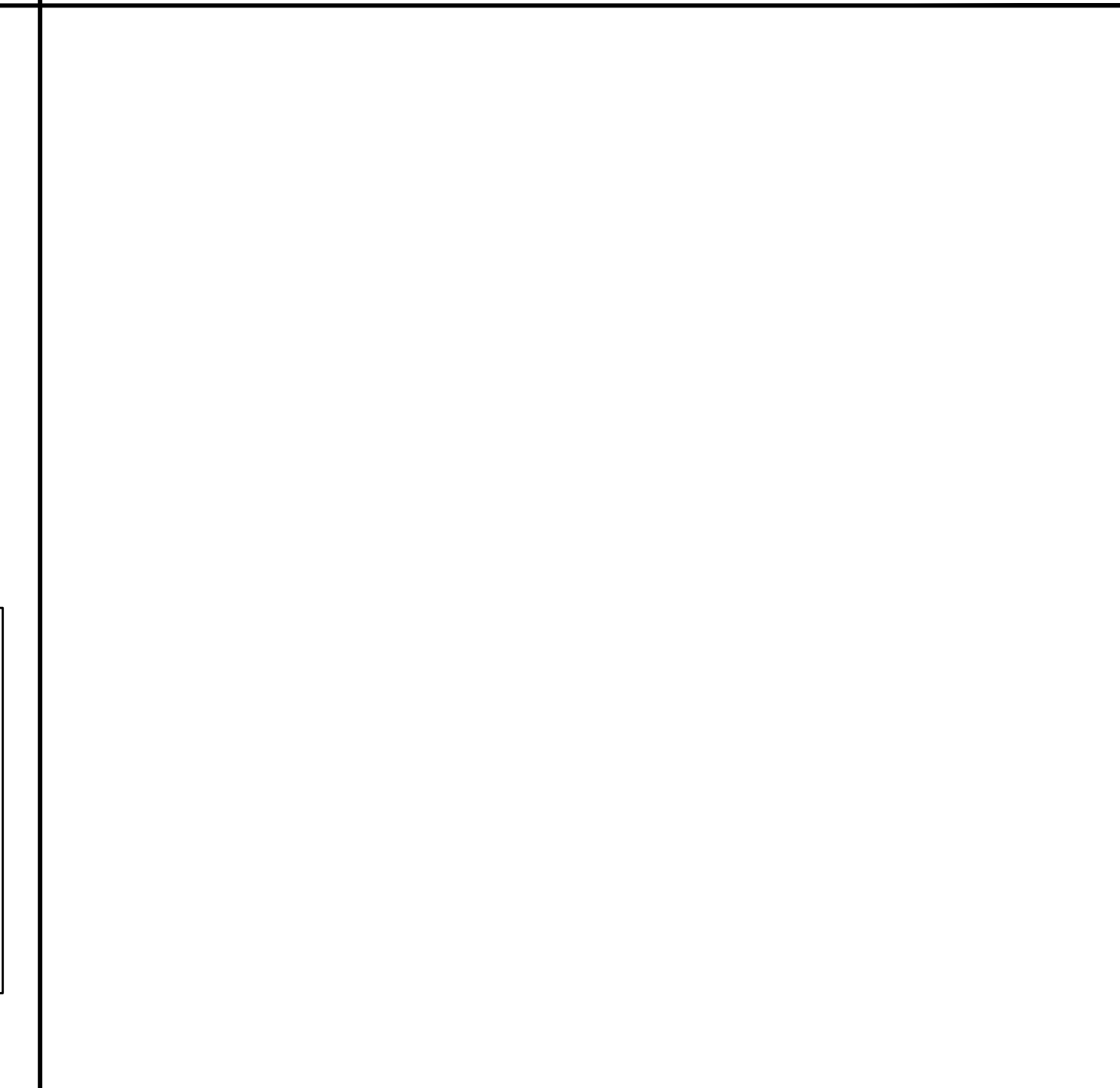
4 SOUTHEAST POND OUTLET STRUCTURE
NOT TO SCALE



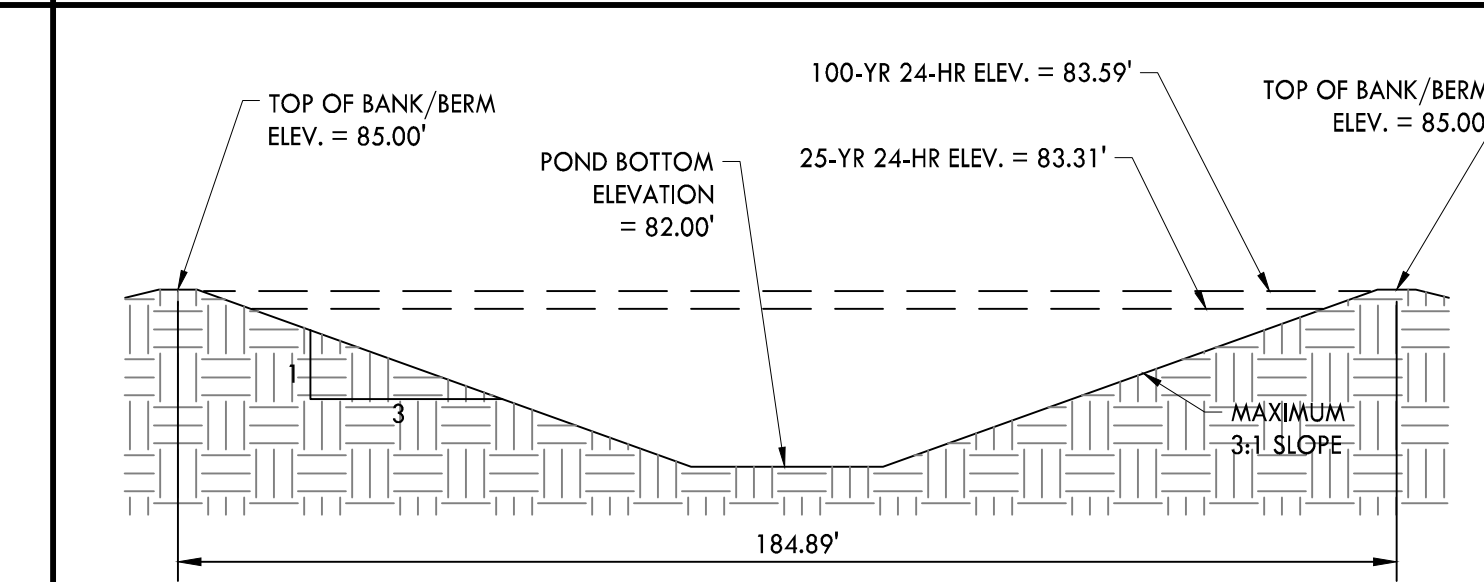
6 EAST POND CROSS-SECTION
NOT TO SCALE



1 EAST POND OUTLET STRUCTURE
NOT TO SCALE

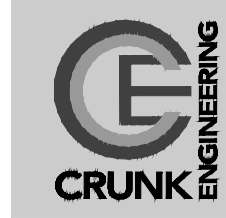


2 RESERVED
NOT TO SCALE

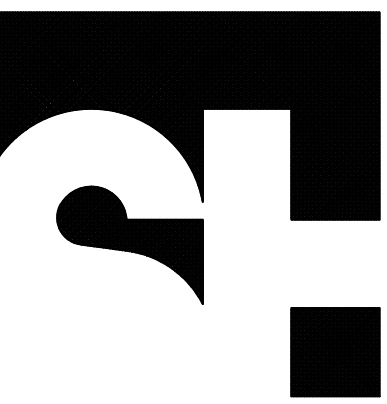


5 NORTH POND CROSS-SECTION
NOT TO SCALE

NOT FOR CONSTRUCTION



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STENGEL-HILL
ARCHITECTURE

613 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
502.893.1875
502.893.1876 fax

Civil Engineering



Structural Engineering



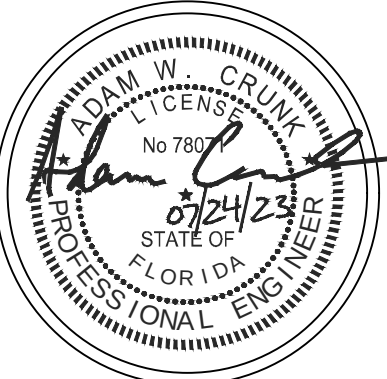
Mechanical/Electrical Engineering



Foodservices Design



ACADIA
HEALTH CARE

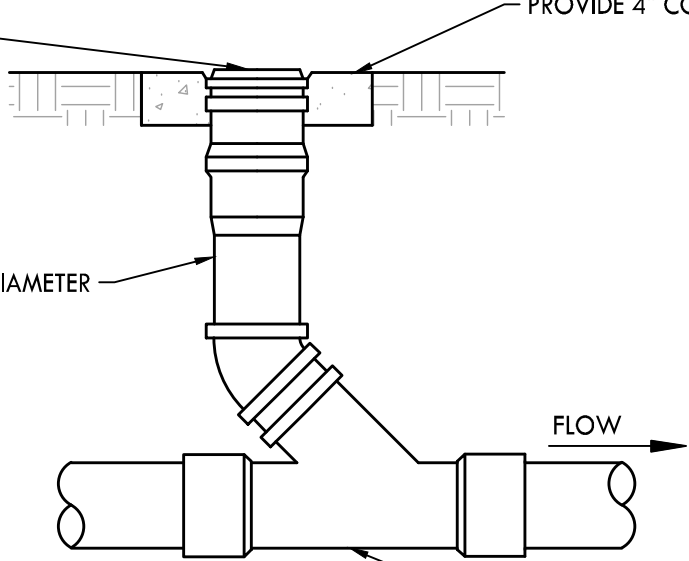


DETAILS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOKA, FLORIDA

15 JUNE 2023

C8.3

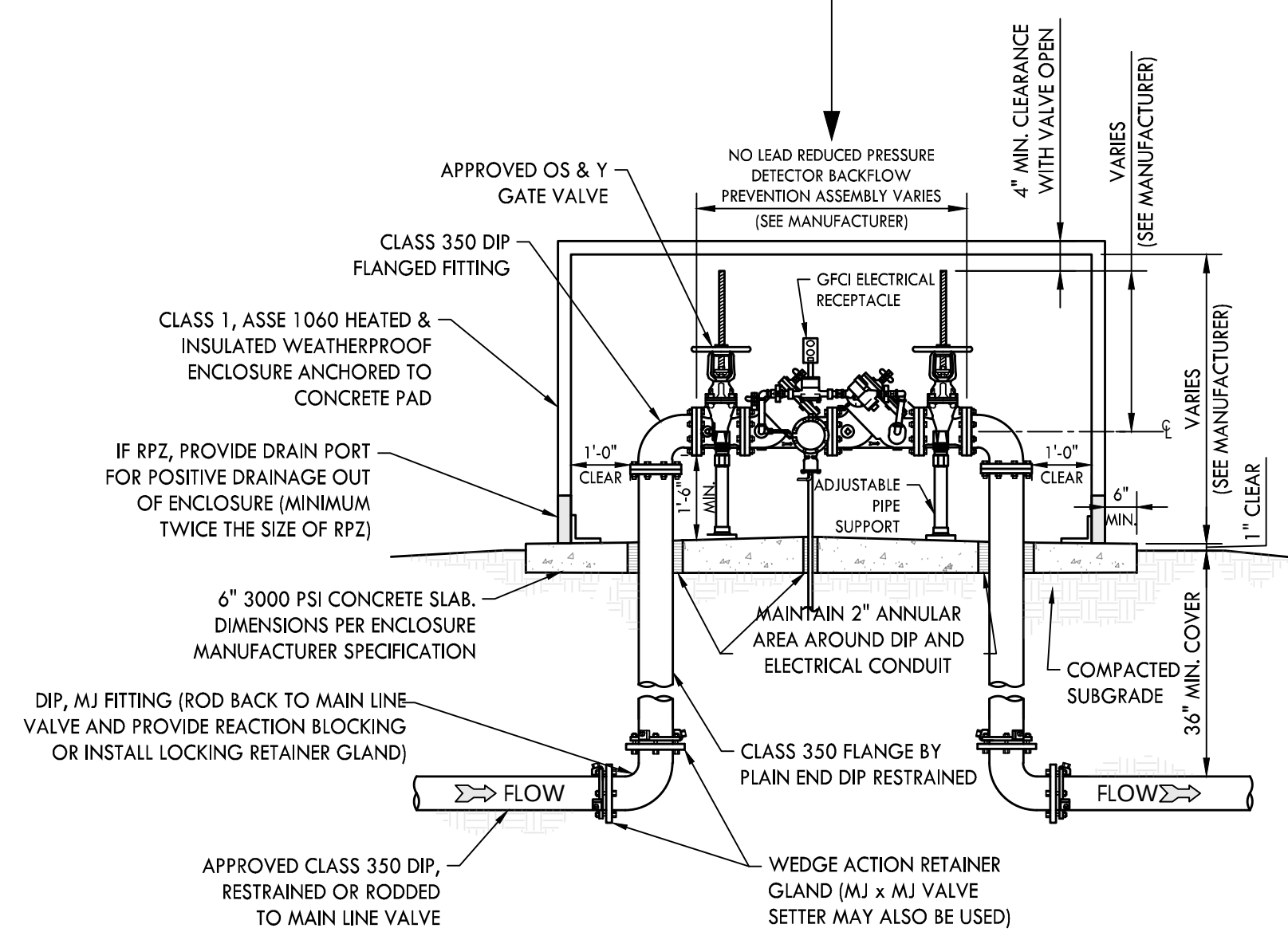
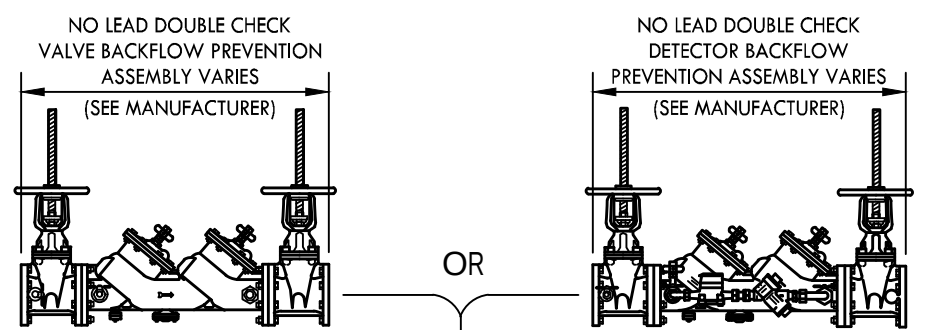
PROVIDE BRASS CASTING IN PEDESTRIAN AND TRAFFIC LOCATIONS. STANDARD PVC CAP IN ALL OTHER LOCATIONS. ENSURE TOP FLUSH WITH FINISHED GRADE. PROVIDE PVC CAP IN ALL OTHER LOCATIONS.



CLEANOUT
NOT TO SCALE

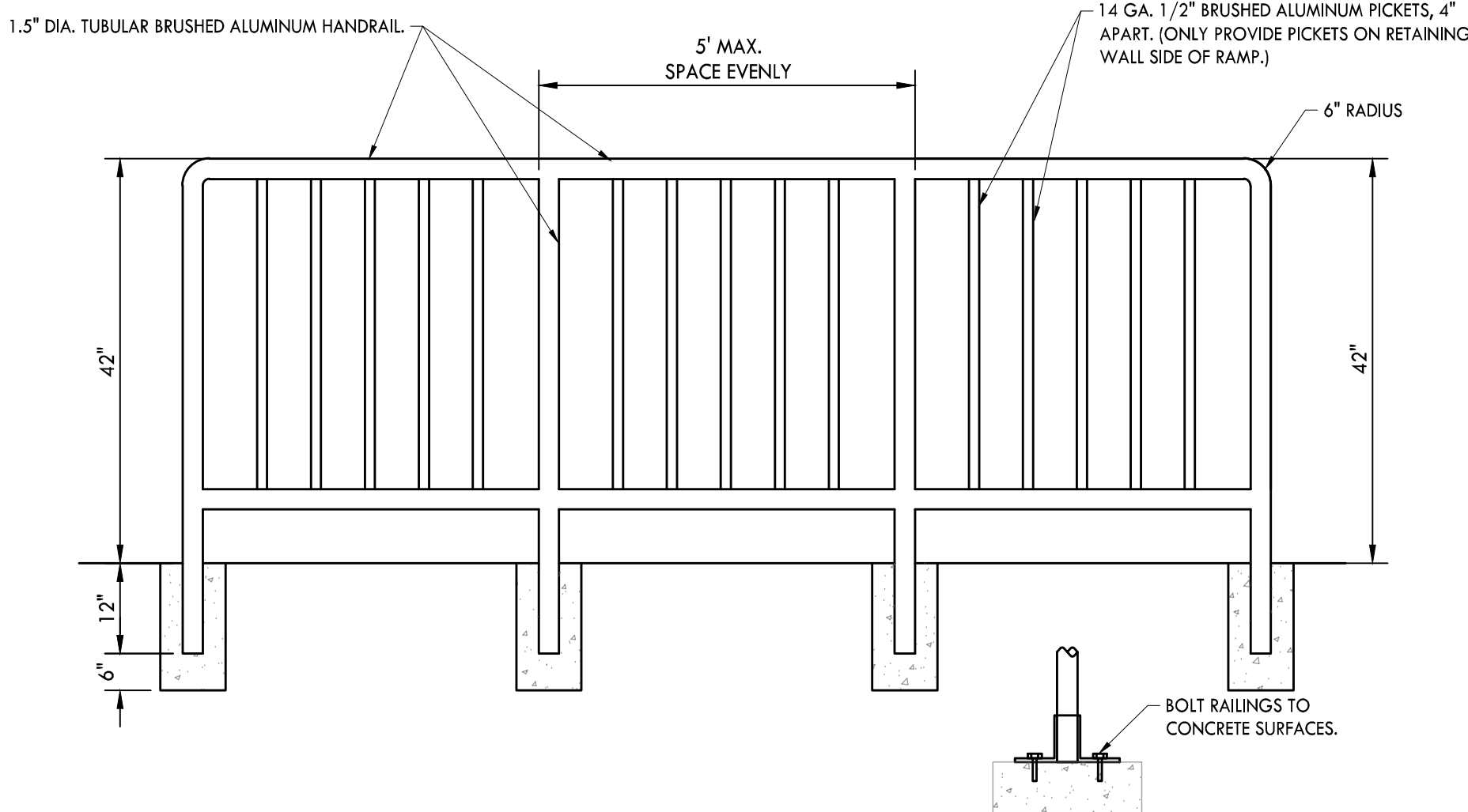
5

- NOTES:
1. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1013 & AWWA C511.
 2. REDUCED PRESSURE DETECTOR BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1047.
 3. DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1015 & AWWA C510.
 4. DOUBLE CHECK DETECTOR BACKFLOW PREVENTION ASSEMBLY SHALL COMPLY WITH ASSE 1048.
 5. BACKFLOW ASSEMBLY SHALL BE CENTERED ON CONCRETE PAD AND CENTERED WITHIN ENCLOSURE.
 6. CLASS 1 ASSE 1048 HEATED AND INSULATED WEATHERPROOF ENCLOSURE REQUIRED.
 7. STANDARD 120V GFCI ELECTRICAL RECEPTACLE TO BE INSTALLED IN ACCORDANCE WITH THE N.C. ELECTRICAL CODE FOR OUTDOOR OPERATION.
 8. PIPE MATERIAL SHALL BE CLASS 350 DIP APPROVED BY THE TOWN.
 9. INSTALLATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE TOWN ORDINANCES AND SPECIFICATIONS IN ADDITION TO THE N.C. PLUMBING CODE.
 10. PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE AND OPERATION OF BACKFLOW ASSEMBLY AND COMPLIANCE WITH REPORTING AND TESTING REQUIREMENTS.
 11. ALL "NO LEAD" BRASS COMPONENTS SHALL MEET UNS C98933 AS PER ASTM B584.



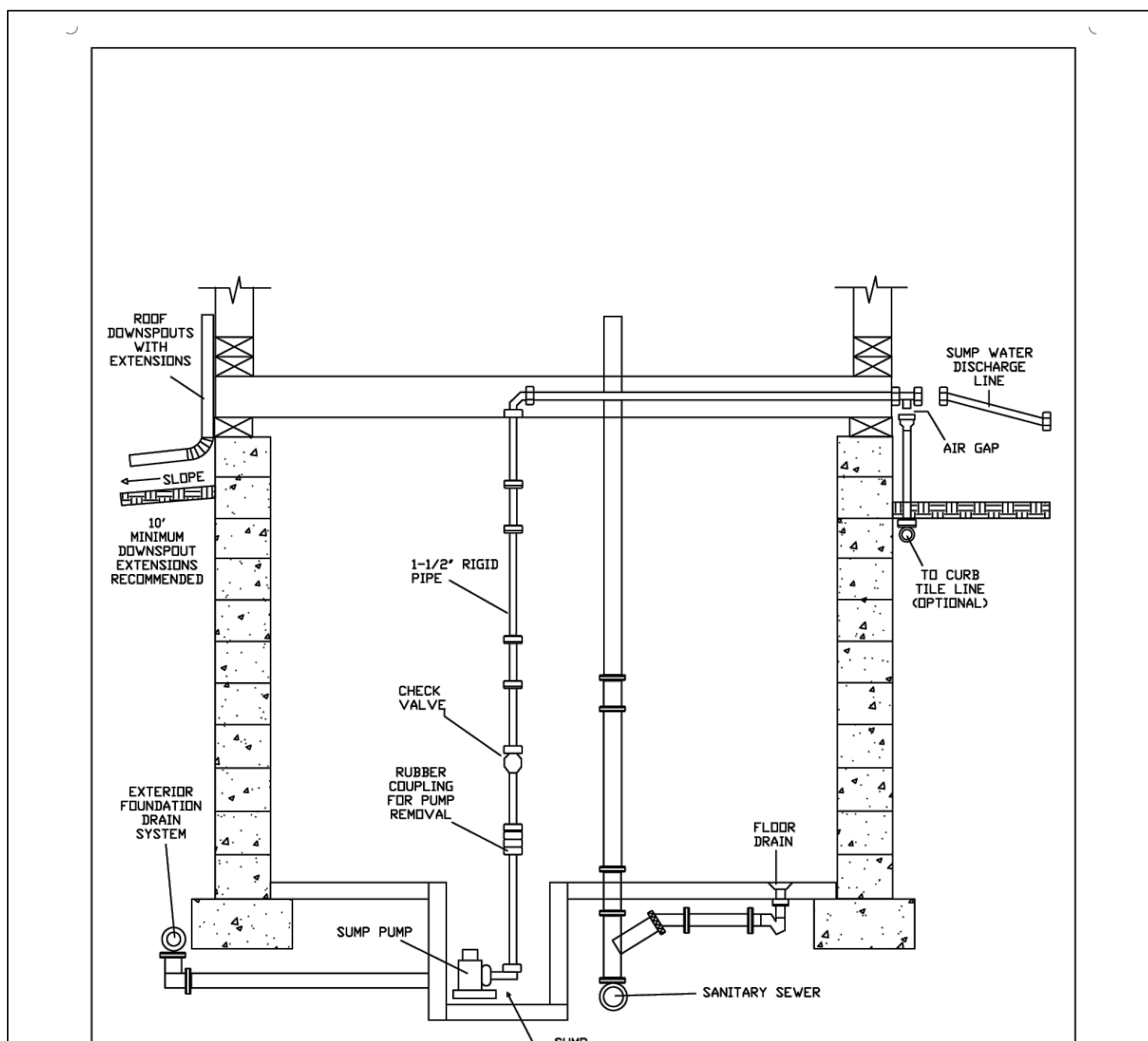
REDUCE PRESSURE BACKFLOW PREVENTER
NOT TO SCALE

6



PEDESTRIAN GUARDRAIL
NOT TO SCALE

7

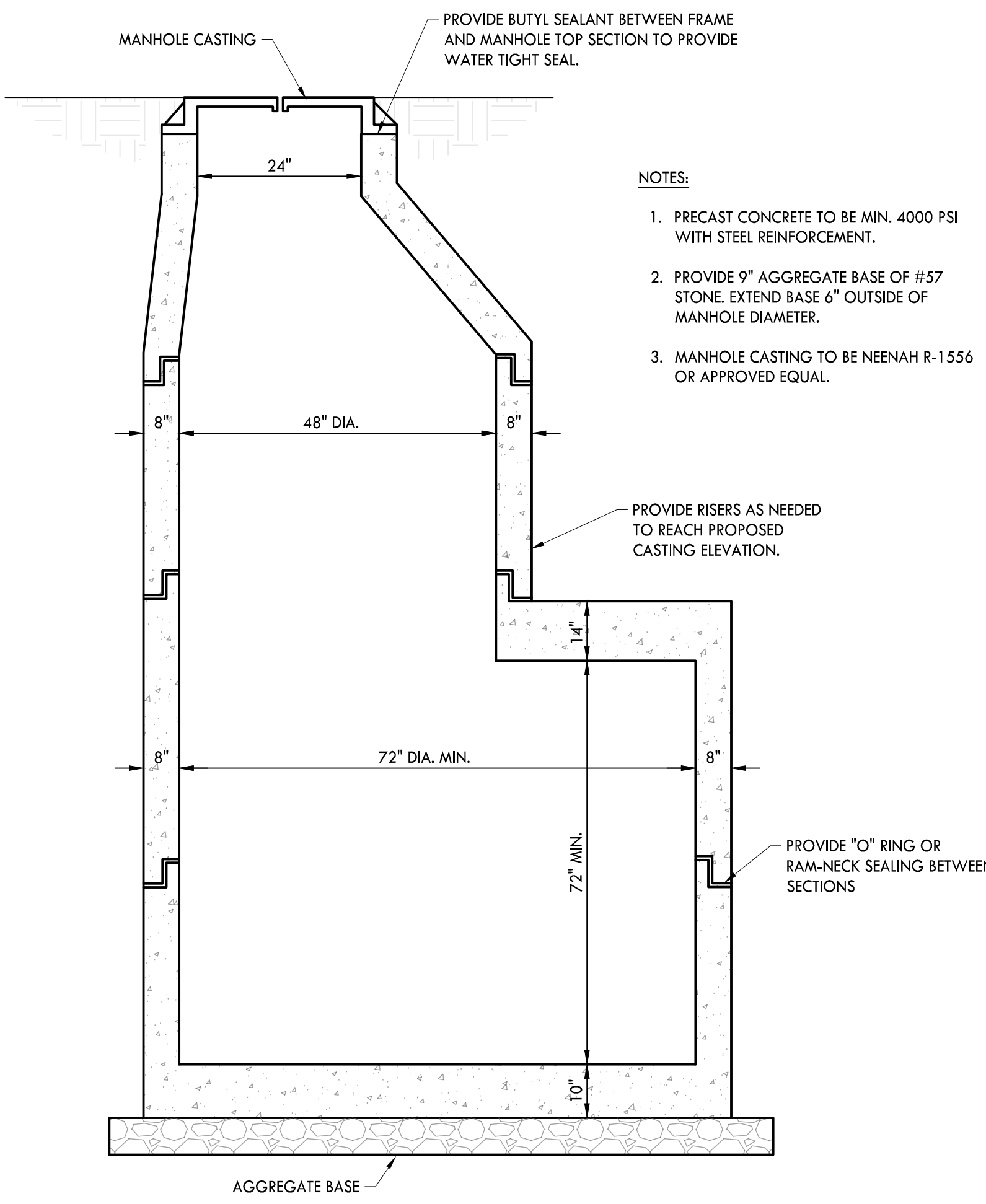


TYPICAL SUMP PUMP INSTALLATION DETAILS
CITY OF HUTCHINSON MN. 6/07 STANDARD DRAWING NO.

3

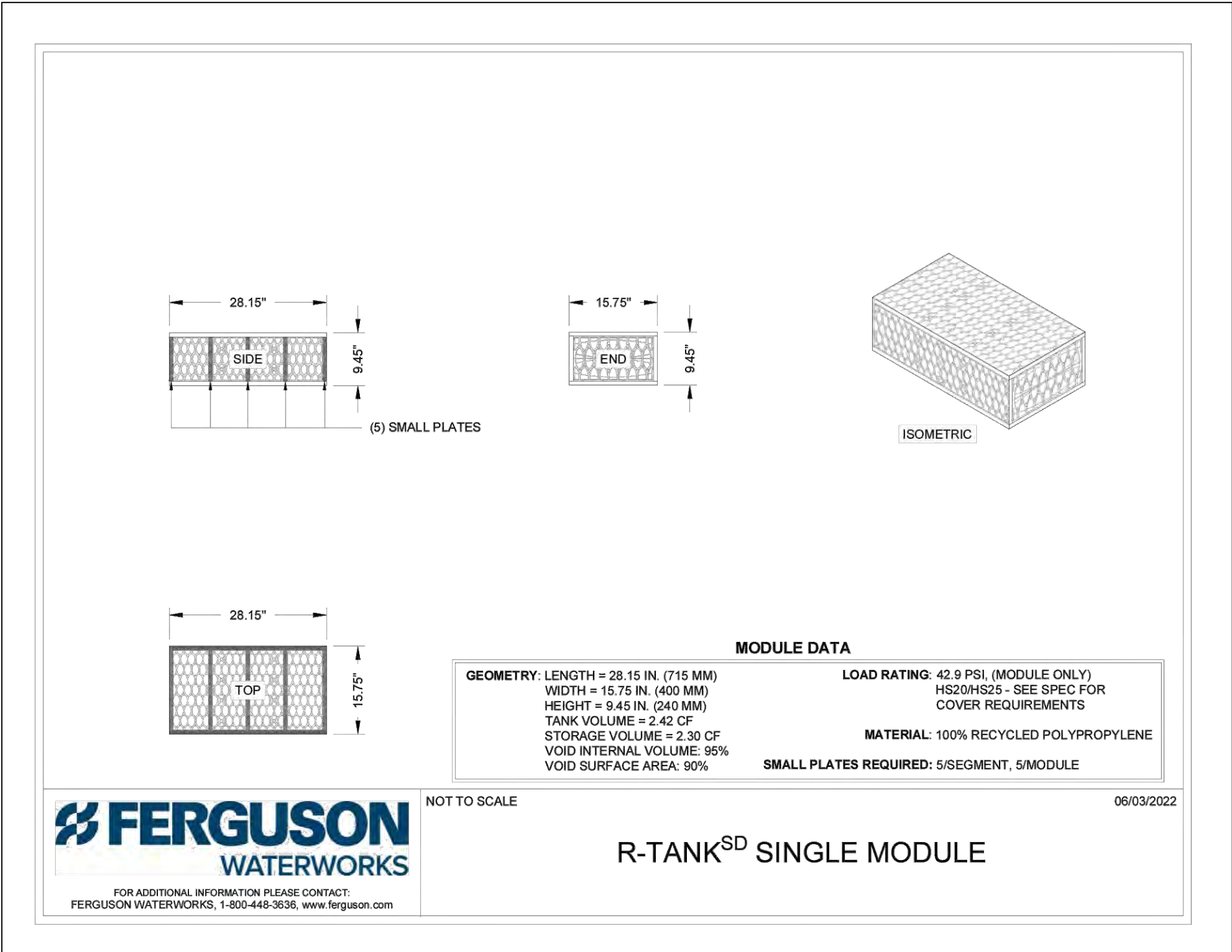
SEDIMENT SUMP PUMP

NOT TO SCALE



STORMWATER JUNCTION BOX
(LARGE DIAMETER)
NOT TO SCALE

4



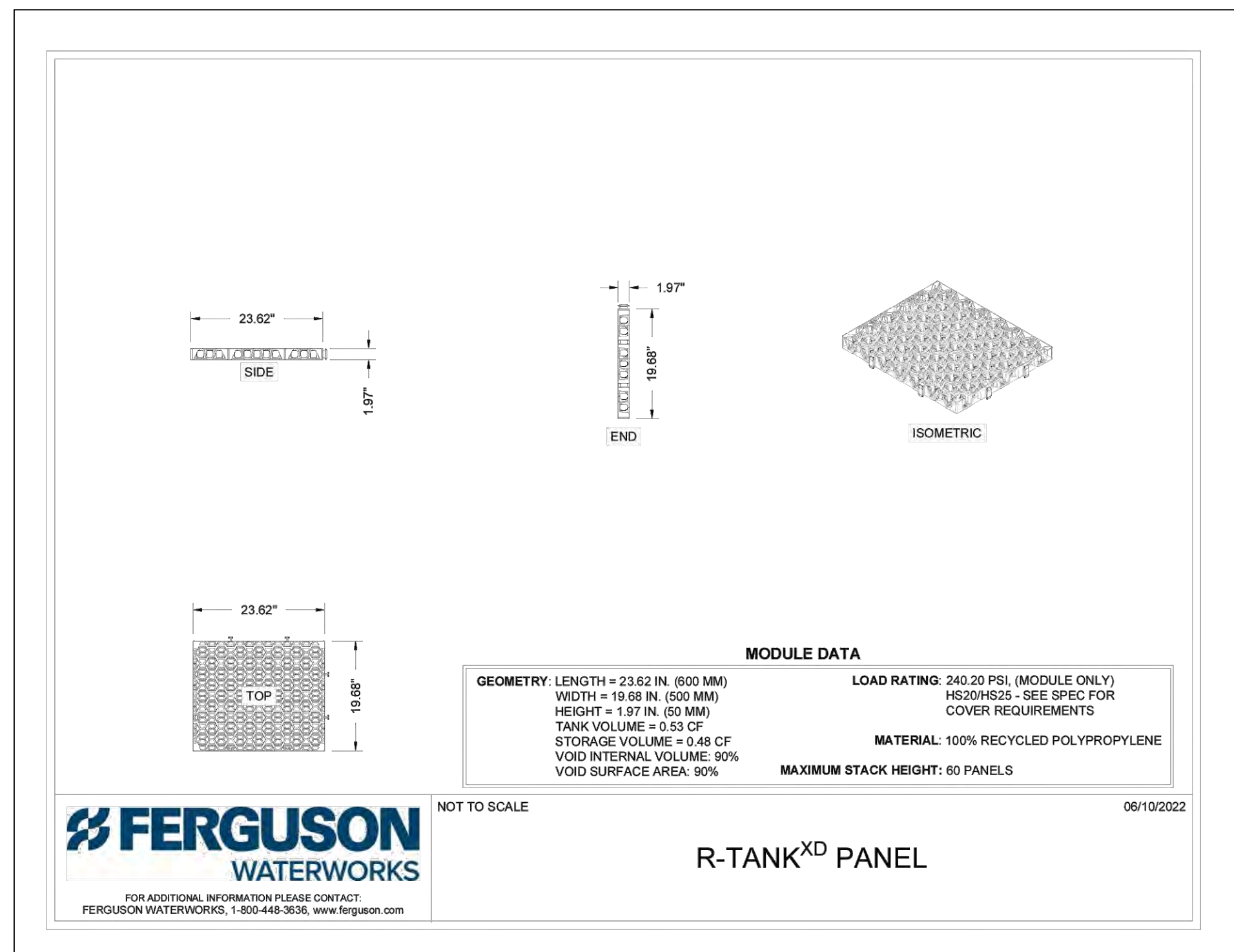
NOTES:

1. INSTALL R-TANK UNITS PER MANUFACTURER'S RECOMMENDATIONS.
2. ENSURE PIPE CONNECTIONS TO R-TANK UNITS IS MADE PER MANUFACTURER RECOMMENDATIONS.
3. FREE DRAINING STONE NOT TO BE USED UNLESS SURROUNDING SOILS FAIL TO MEET SPECIFICATIONS SET FORTH BY FERGUSON WATERWORKS.

1 UNDERGROUND DETENTION AREA

NOT TO SCALE

R-TANK MODEL: SD SINGLE MODULE



NOTES:

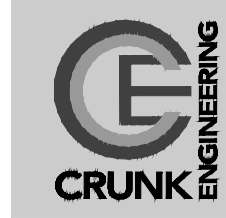
1. INSTALL R-TANK UNITS PER MANUFACTURER'S RECOMMENDATIONS.
2. ENSURE PIPE CONNECTIONS TO R-TANK UNITS IS MADE PER MANUFACTURER RECOMMENDATIONS.
3. FREE DRAINING STONE NOT TO BE USED UNLESS SURROUNDING SOILS FAIL TO MEET SPECIFICATIONS SET FORTH BY FERGUSON WATERWORKS.

2 UNDERGROUND DETENTION AREA

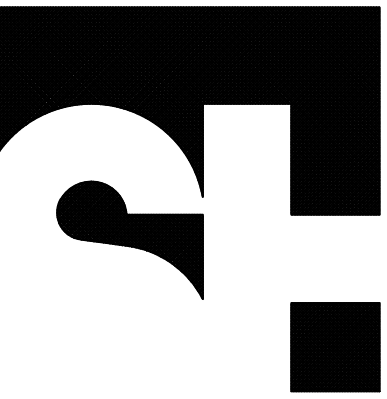
NOT TO SCALE

R-TANK MODEL: XD PANEL

NOT FOR CONSTRUCTION



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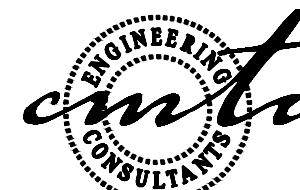
Civil Engineering



Structural Engineering



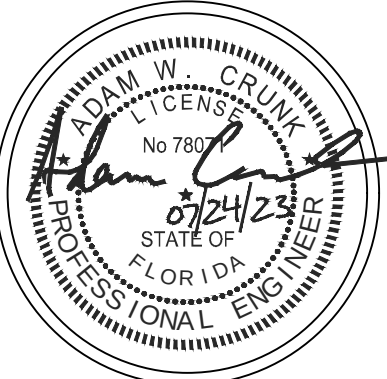
Mechanical/Electrical Engineering



Foodservices Design



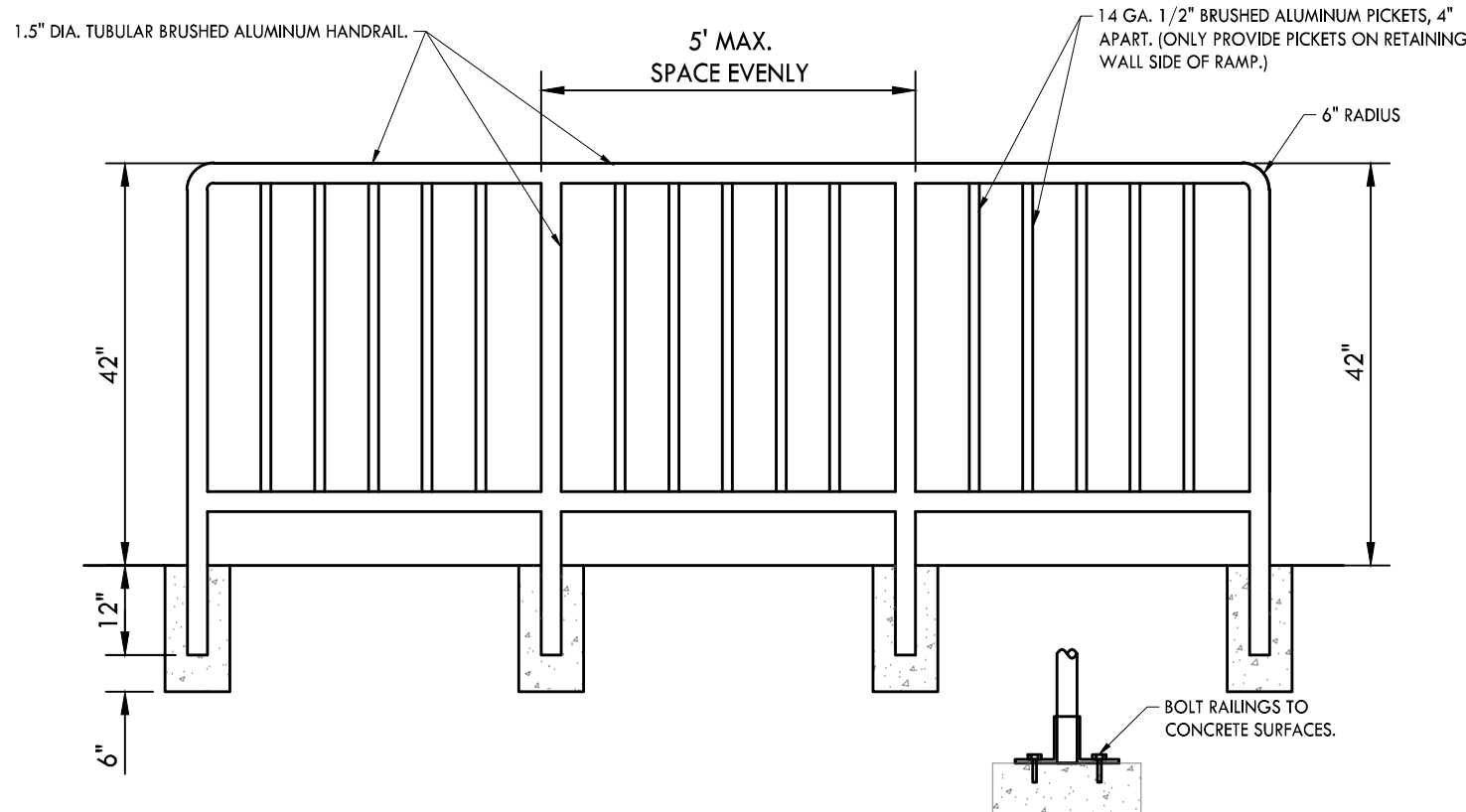
ACADIA
HEALTHCARE



DETAILS
NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOPKA, FLORIDA

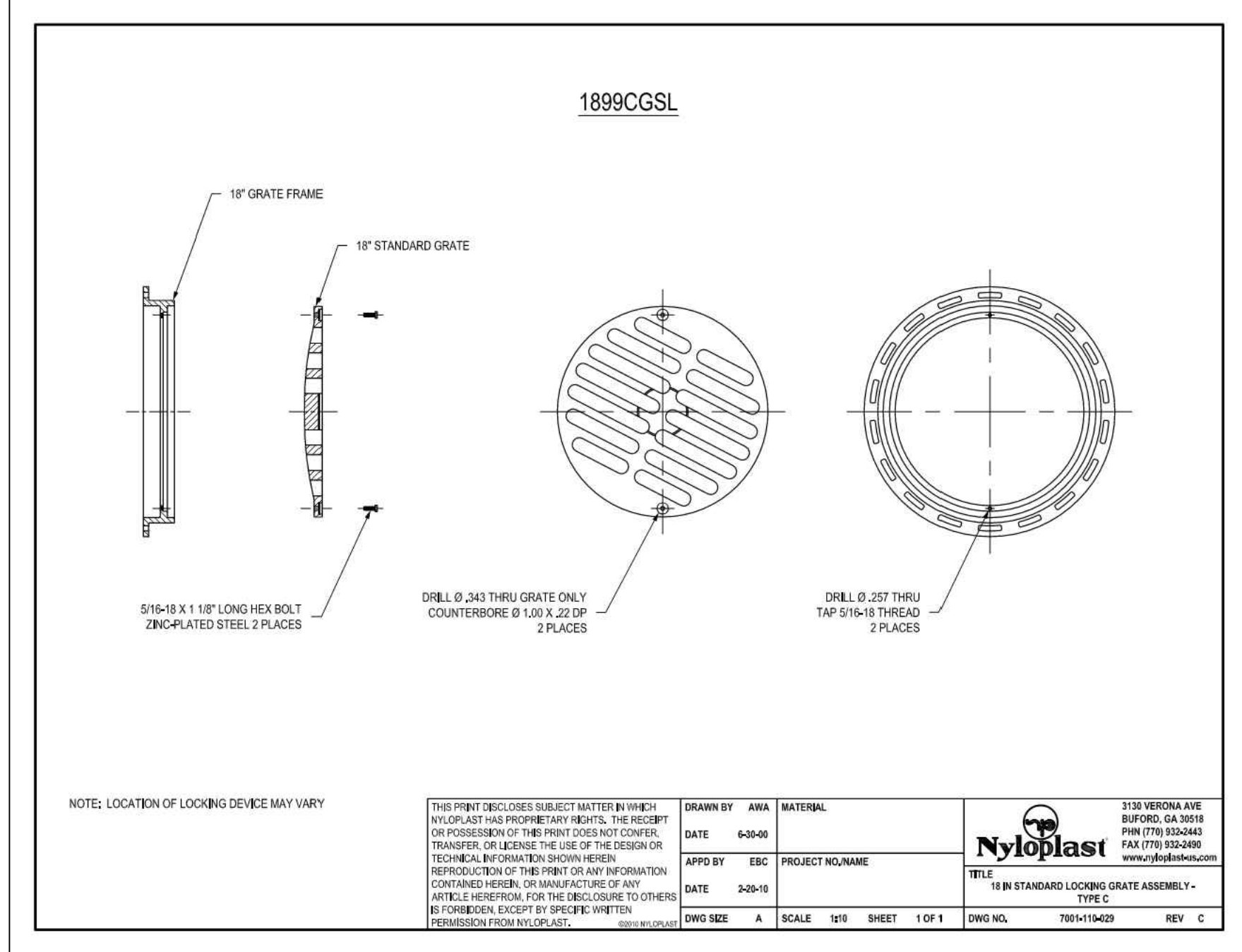
15 JUNE 2023

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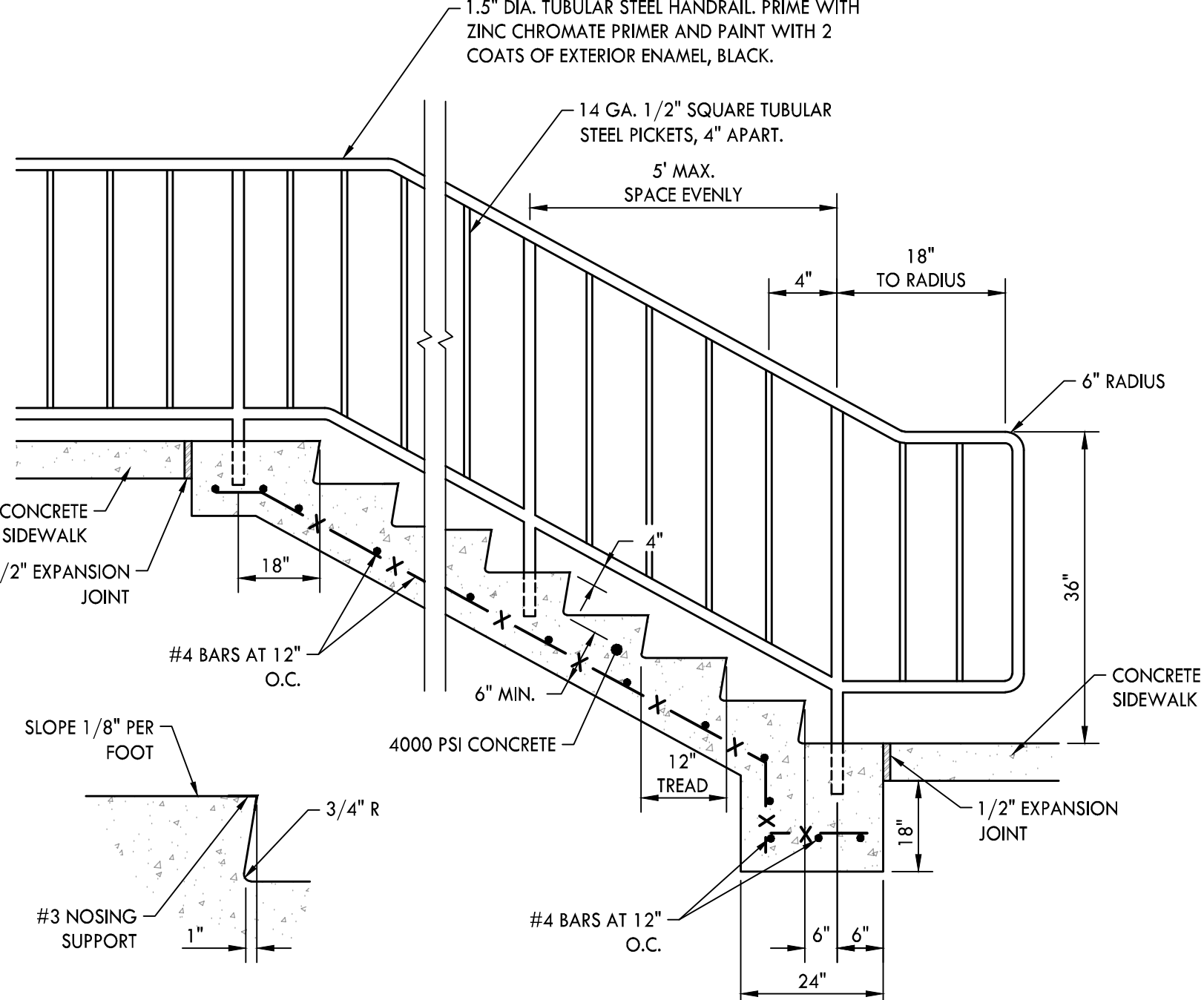
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PEDESTRIAN GUARDRAIL
NOT TO SCALE



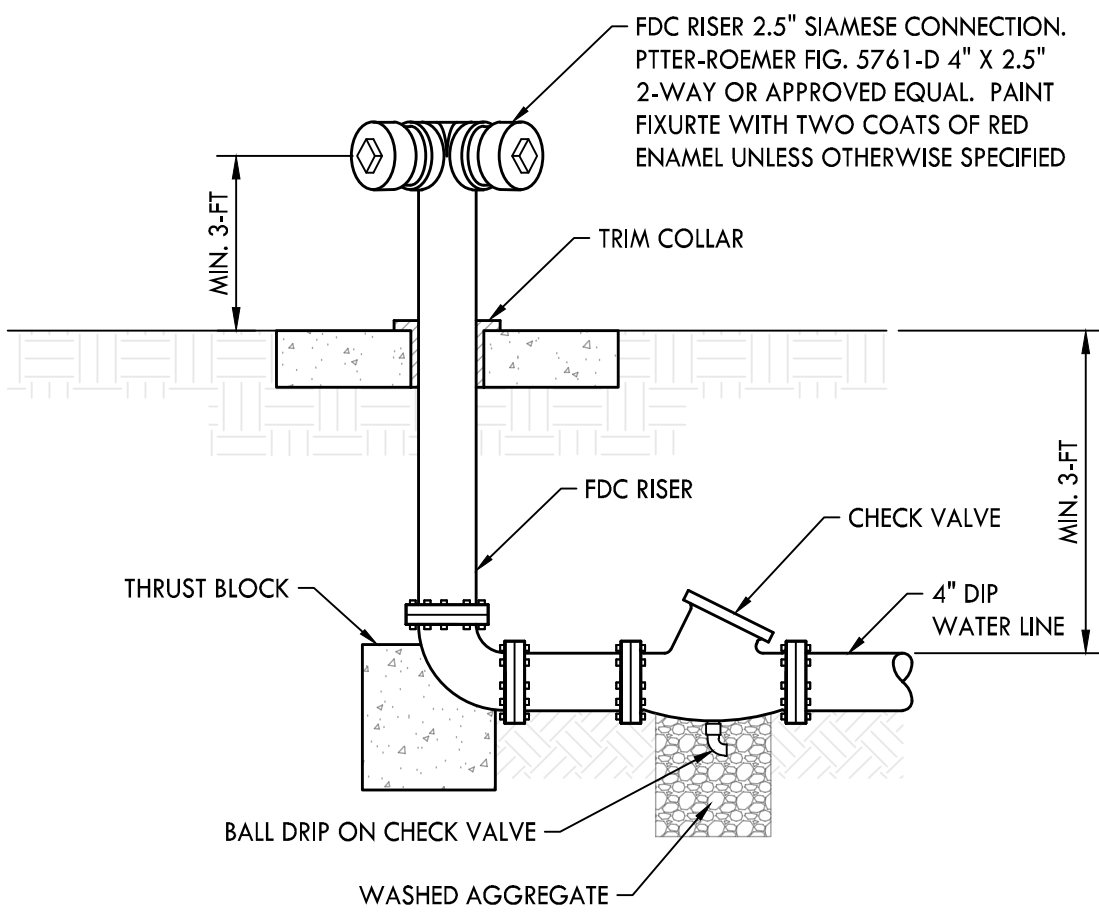
3

18' LOCKING GRATE
NOT TO SCALE



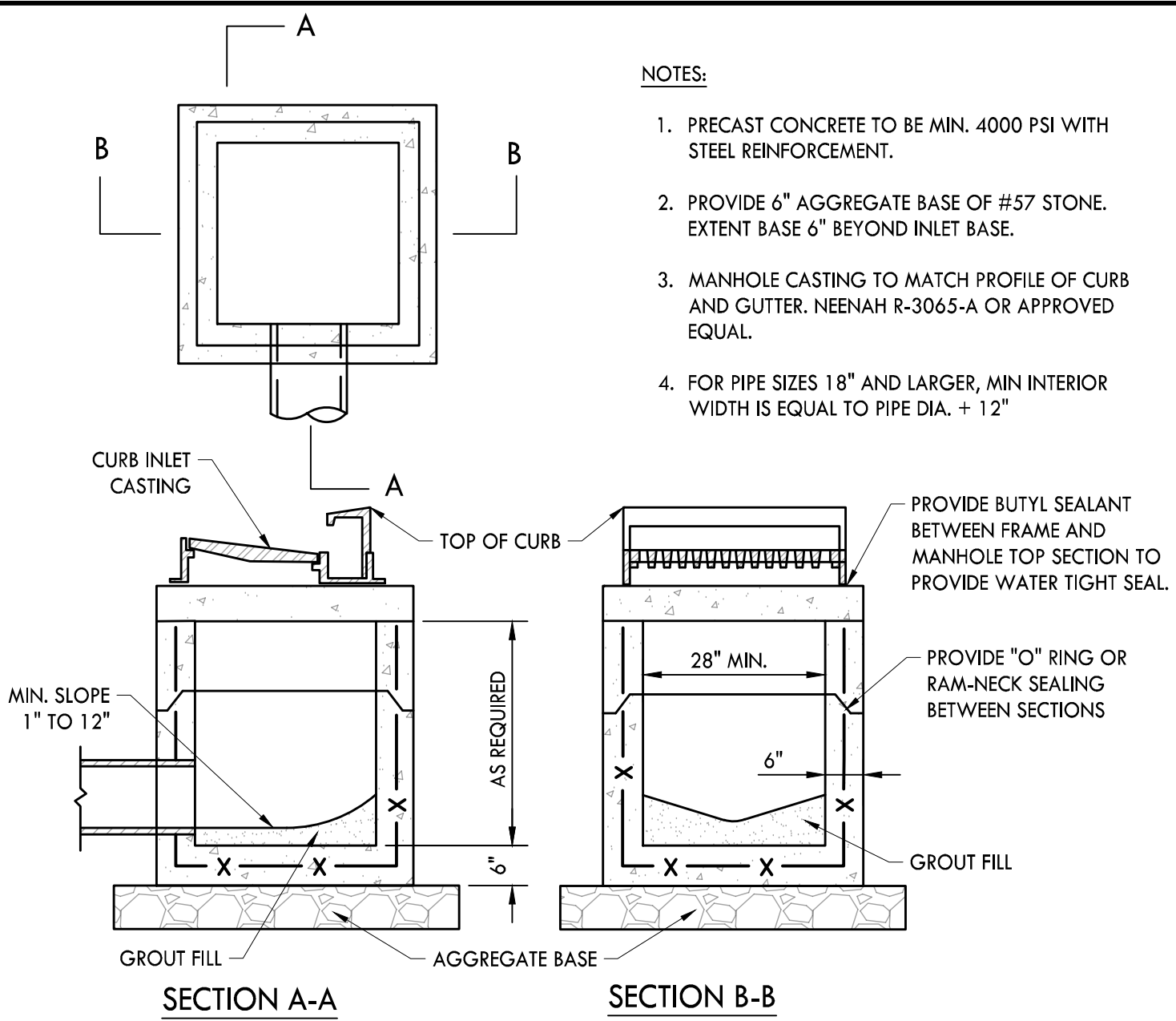
1

STAIRS AND HANDRAIL
NOT TO SCALE



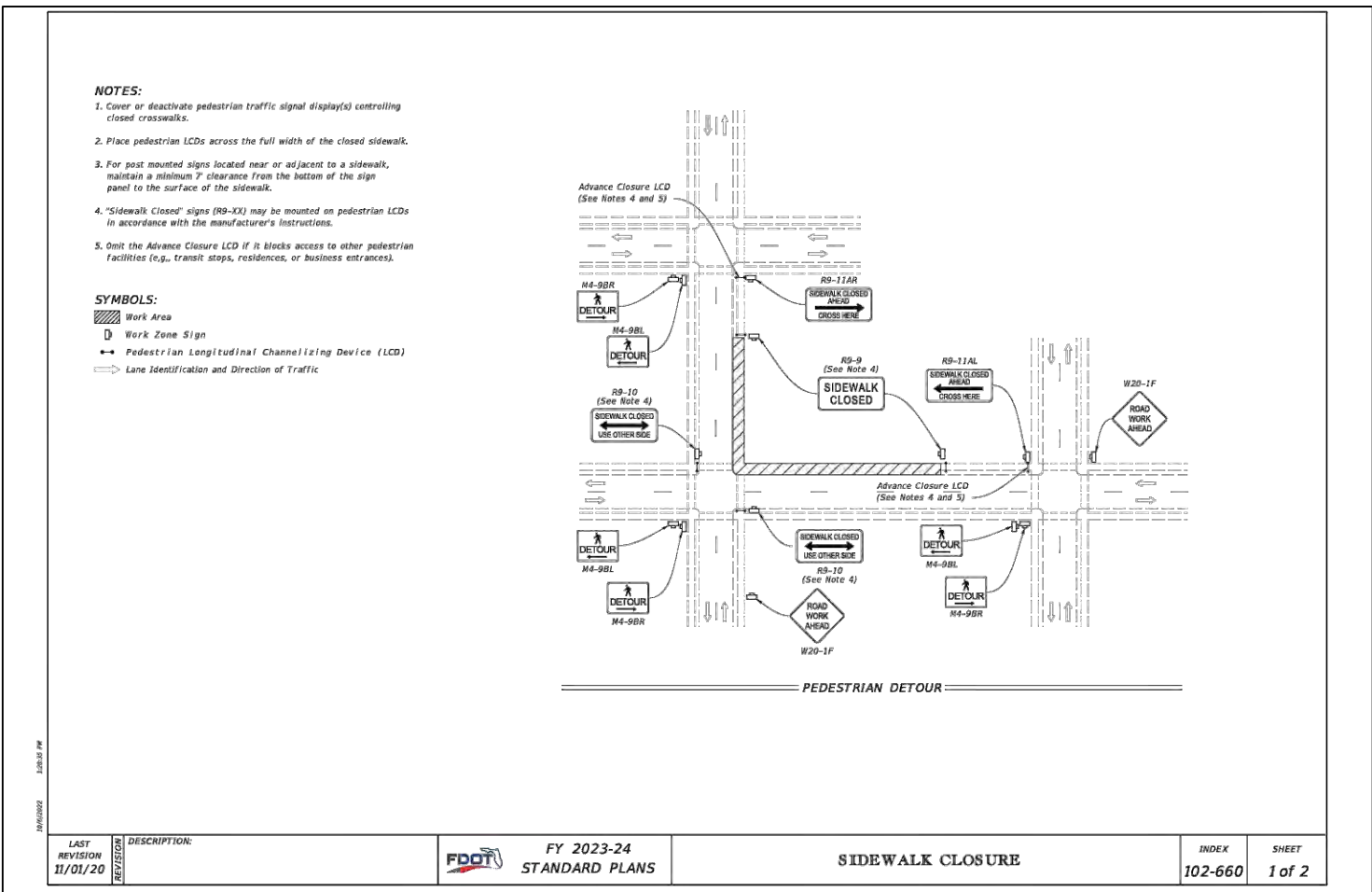
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FIRE DEPARTMENT CONNECTION
NOT TO SCALE



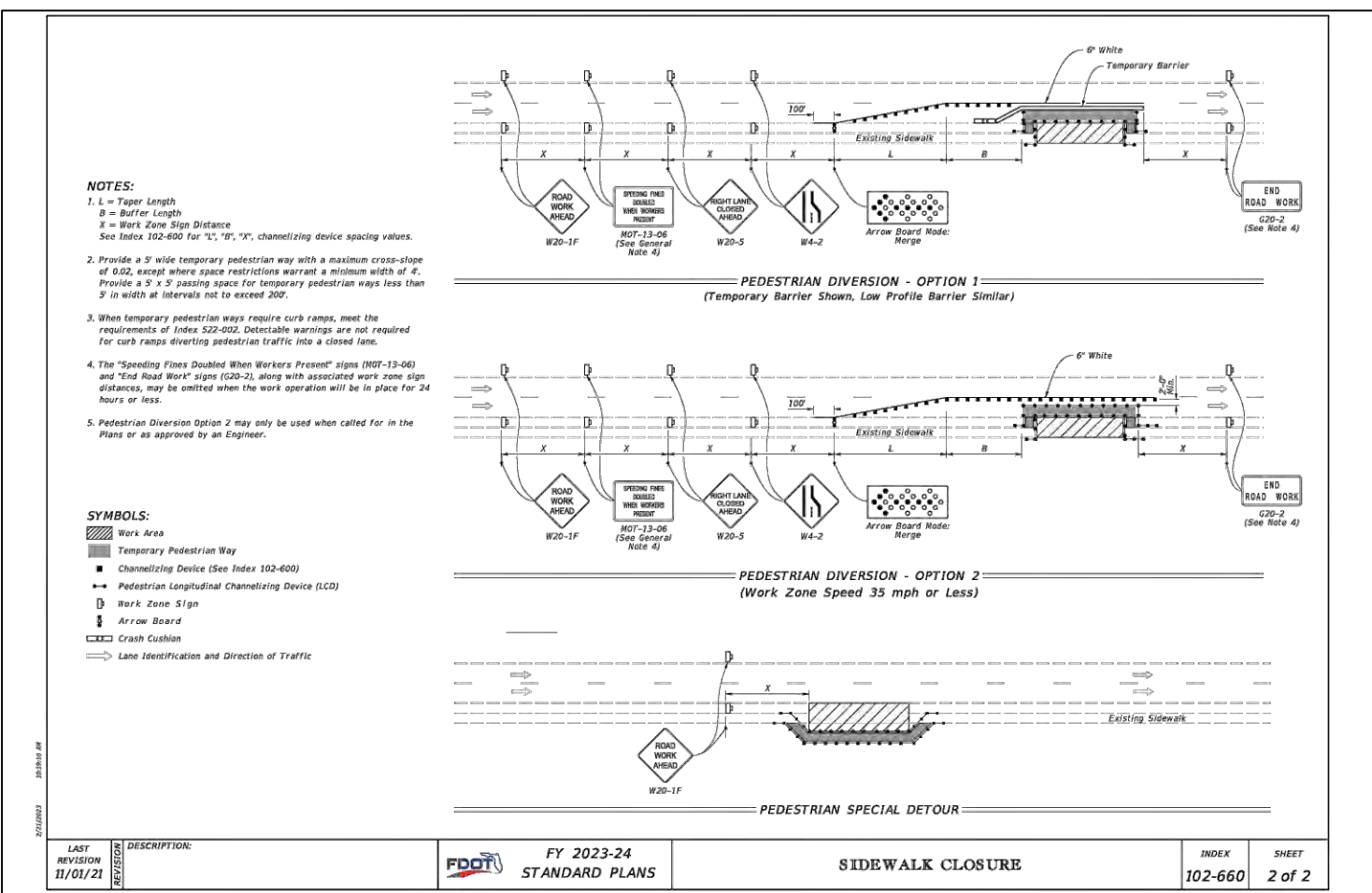
2

SINGLE CURB INLET
NOT TO SCALE



5

FDOT SIDEWALK CLOSURE
NOT TO SCALE



6

RESERVED
NOT TO SCALE

TREE PROTECTION STANDARDS

- CITY OF APOPKA, FL PART III, ARTICLE 5, SECTION 5.3 CODE OF ORDINANCES
EXISTING TREE CANOPY INVENTORY (CANOPY 10" DBH + UNDERSTORY 4" CAL.)
- EXISTING TREE CANOPY SHALL NOT INCLUDE PROHIBITED TREE SPECIES.
 - EAR TREE (ENTERLOBIUM CYCLACARPUM, CONTORTISILQUUM) IS A PROHIBITED PLANT PER APPENDIX C AND CAMPHOR (CINNAMOMUM CAMPHORA) BASED ON UFIFAS.
 - PRESERVED 118" DBH OF SPECIMEN SIZE TREES.

TREE INVENTORY:
(A) TOTAL TREE INCHES ON CURRENT, NON-ALTERED SITE: 2,644"

- (B) TOTAL TREE INCHES TO BE REMOVED: 1,355"
- 122" OF KNOWN INVASIVE TREES (DO NOT QUALIFY)
 - NET TOTAL: 1,233 (1,355" - 122"); INCLUDES 370" OF TREES CLASSIFIED AS SPECIMEN (24" DBH +)

(C) TOTAL TREE INCHES TO BE REPLACED: NONE, SITE IS IN COMPLIANCE

(D) MAXIMUM TREE STOCK AND CALCULATIONS:

- (E) QUANTITY OF SPECIMEN TREES (24" OR GREATER) BEING REMOVED: 370" DBH
- 26" = 1
 - 29" = 1
 - 30" = 2
 - 35" = 1
 - 36" = 5
 - 40" = 1

- (F) SITE CLEARING AREA IN SQUARE FEET AND ACRES:
- 258,296 S.F. OR 5.93 AC.

CANOPY LOSS FACTOR FOR DEVELOPMENT AND PROPOSED TREE

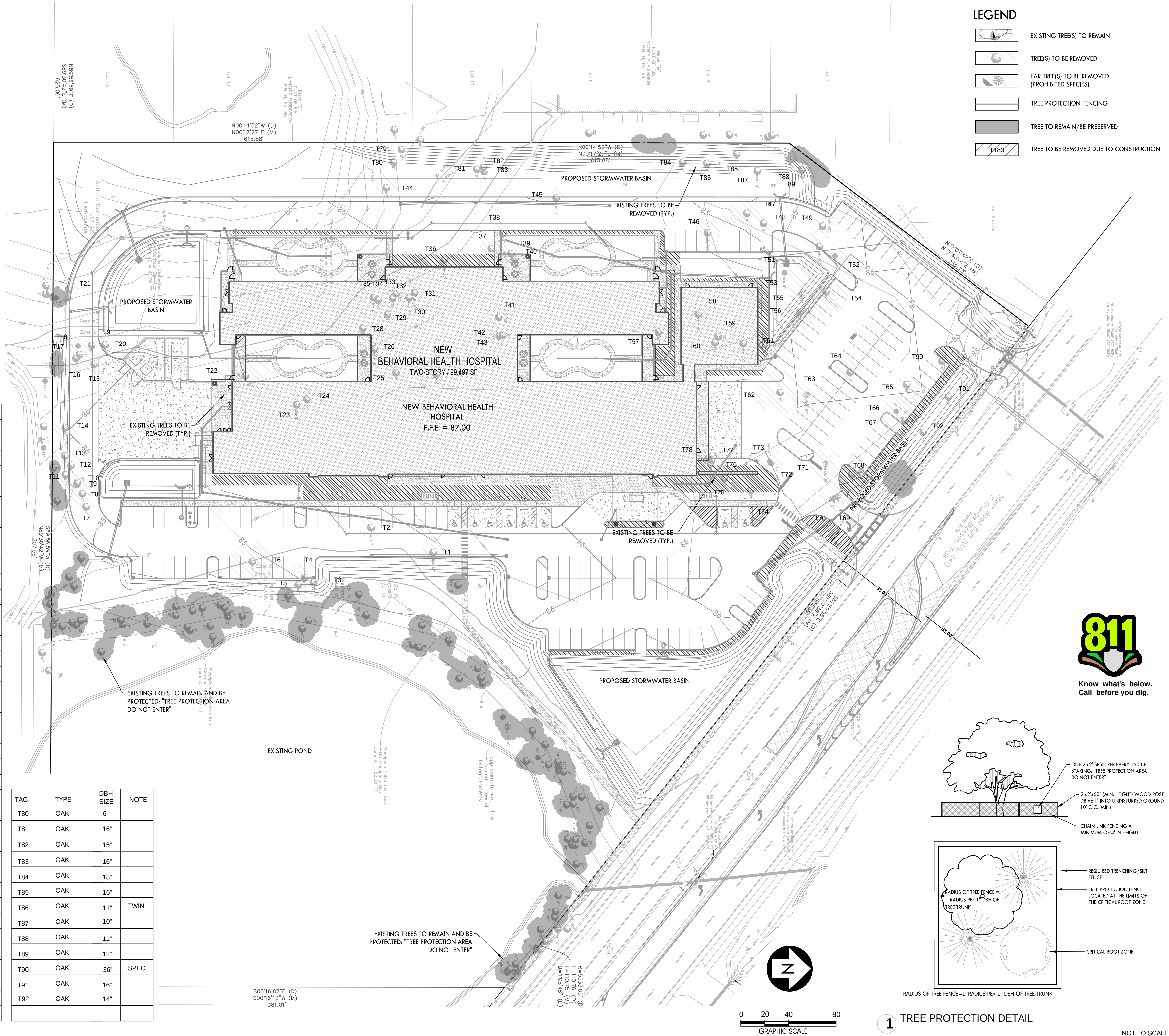
- TOTAL SITE AREA: 441,838 S.F. (10.1 ACRES); SITE ZONING: C-R
- EXISTING TREE CANOPY COVER: 10.81% OF SITE (47,765 S.F.)
- TREE CANOPY RETENTION (20% -10.81% = 9.19% PNTS.
9.19 x 0.05 = 0.46% PNTS.; THEREFORE, 0.46 + 7 = 7.46%
- MIN. REQUIRED % FOR C-R ZONE = 7.46 OF EXISTING TREE COVER OR 0.81% OF THE TOTAL DEVELOPMENT SITE
- TREE CANOPY TO REMAIN: 17,152 S.F. OR 3.88% OF SITE

TREES REMOVED

TAG	TYPE	DBH SIZE	NOTE
T1	OAK	13"	TRIPLE
T2	OAK	13"	TWIN
T3	OAK	30"	SPEC
T4	OAK	15"	
T5	OAK	16"	SPEC
T6	OAK	36"	SPEC
T7	OAK	6"	
T8	OAK	8"	
T9	OAK	12"	
T10	OAK	8"	
T11	OAK	12"	
T12	OAK	6"	
T13	OAK	6"	
T14	OAK	12"	
T15	OAK	14"	
T16	OAK	11"	
T17	OAK	16"	
T18	CAMPHOR	8"	INVASIVE
T19	OAK	8"	
T20	OAK	8"	
T21	OAK	11"	
T22	OAK	40"	SPEC
T23	OAK	6"	TWIN
T24	OAK	10"	
T25	OAK	11"	
T26	OAK	15"	TWIN
T27	OAK	35"	SPEC
T28	OAK	8"	
T29	OAK	8"	
T30	OAK	9"	TWIN
T31	OAK	8"	TWIN
T32	OAK	6"	
T33	OAK	10"	
T34	OAK	11"	
T35	OAK	11"	TWIN
T36	OAK	15"	TRIPLE
T37	OAK	12"	
T38	OAK	13"	
T39	OAK	10"	

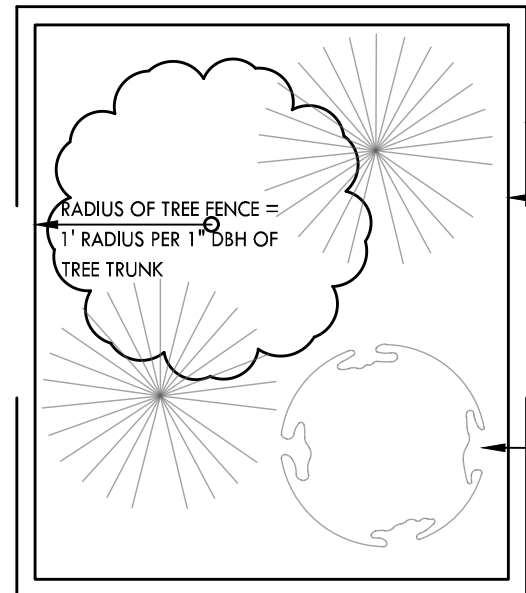
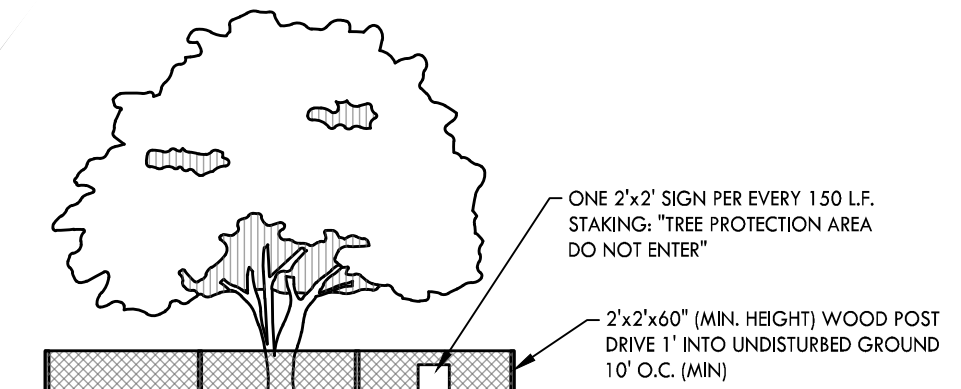
T40	OAK	10"	
T41	OAK	13"	QUAD
T42	OAK	10"	
T43	OAK	8"	
T44	OAK	18"	
T45	OAK	13"	TWIN
T46	OAK	15"	TWIN
T47	OAK	19"	
T48	OAK	15"	
T49	OAK	13"	TWIN
T50	OAK	10"	TWIN
T51	CAMPHOR	8"	INVASIVE
T52	CAMPHOR	11"	INVASIVE
T53	CAMPHOR	6"	INVASIVE
T54	OAK	36"	SPEC
T55	EAR TREE	14"	INVASIVE
T56	OAK	26"	SPEC
T57	OAK	30"	SPEC
T58	OAK	18"	TWIN
T59	OAK	12"	
T60	OAK	19"	
T61	OAK	20"	TWIN
T62	OAK	36"	SPEC
T63	CHINA BERRY	10"	TRIPLE
T64	OAK	19"	
T65	OAK	16"	
T66	CAMPHOR	19"	INVASIVE
T67	OAK	36"	SPEC
T68	OAK	8"	
T69	PALM	14"	
T70	PALM	12"	
T71	EAR TREE	30"	INVASIVE
T72	CAMPHOR	13"	INVASIVE
T73	CAMPHOR	13"	INVASIVE
T74	OAK	29"	SPEC
T75	OAK	8"	
T76	OAK	14"	
T77	OAK	14"	
T78	OAK	10"	
T79	OAK	10"	

TAG	TYPE	DBH SIZE	NOTE
T80	OAK	6"	
T81	OAK	16"	
T82	OAK	15"	
T83	OAK	16"	
T84	OAK	18"	
T85	OAK	16"	
T86	OAK	11"	TWIN
T87	OAK	10"	
T88	OAK	11"	
T89	OAK	12"	
T90	OAK	36"	SPEC
T91	OAK	16"	
T92	OAK	14"	



LEGEND

- EXISTING TREE(S) TO REMAIN
- TREE(S) TO BE REMOVED
- EAR TREE(S) TO BE REMOVED (PROHIBITED SPECIES)
- TREE PROTECTION FENCING
- TREE TO REMAIN/BE PRESERVED
- TREE TO BE REMOVED DUE TO CONSTRUCTION



RADIUS OF TREE FENCE=1' RADIUS PER 1" DBH OF TREE TRUNK

1 TREE PROTECTION DETAIL

NOT TO SCALE

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NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV

APOPKA, FLORIDA

REVISIONS

DATE

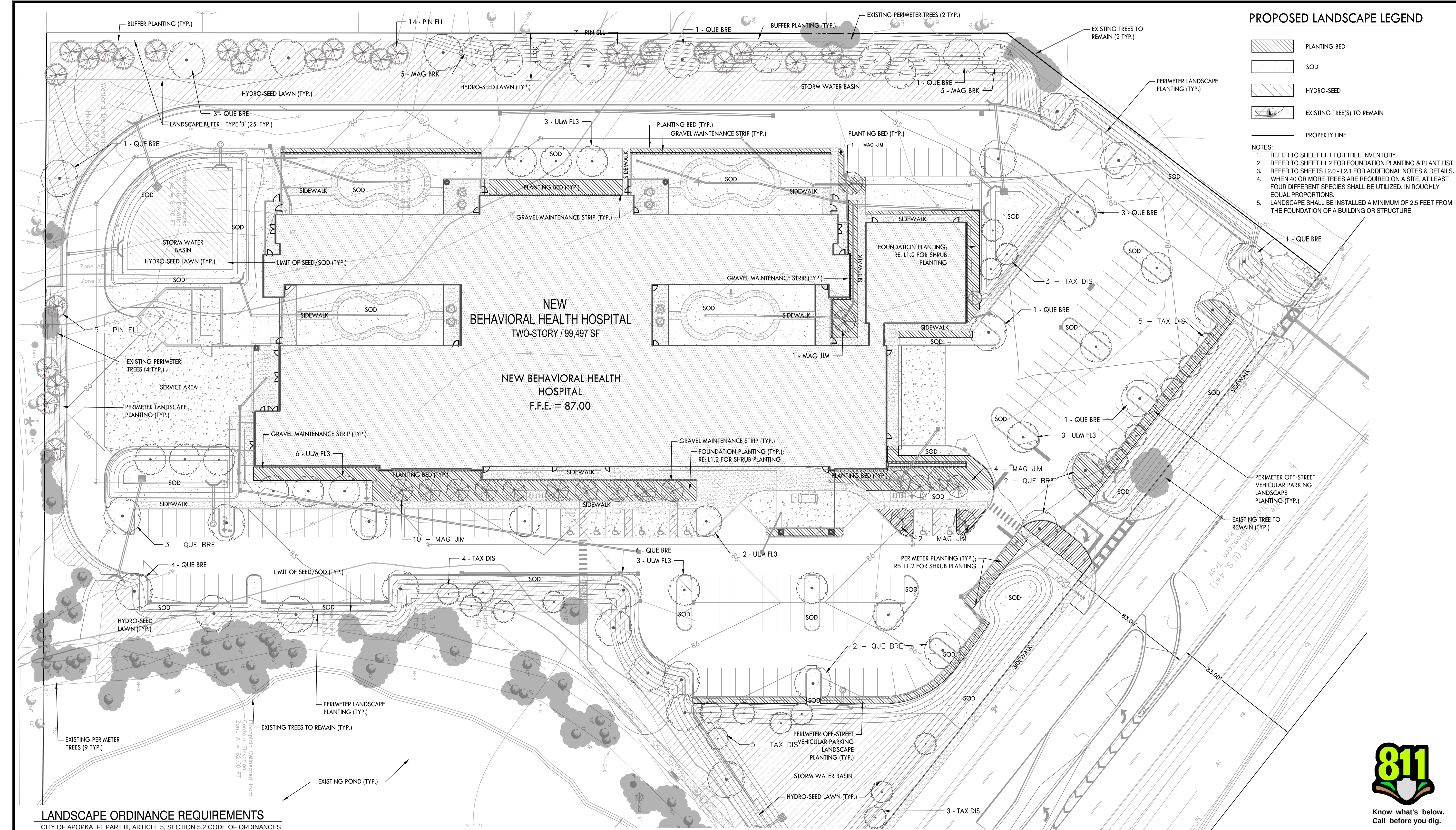
No.

02/27/2023

21005

L1.0

TREE SURVEY & INVENTORY

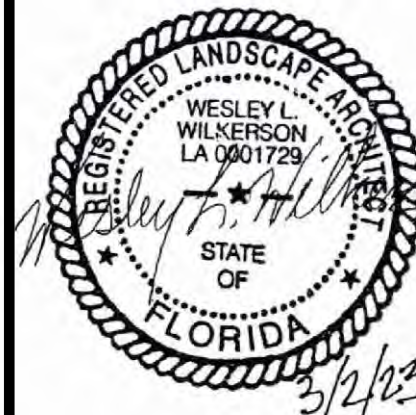


PROPOSED LANDSCAPE LEGEND

- PLANTING BED
- SOD
- HYDRO-SEED
- EXISTING TREE(S) TO REMAIN
- PROPERTY LINE

- NOTES:
- REFER TO SHEET L1.1 FOR TREE INVENTORY.
 - REFER TO SHEET L1.2 FOR FOUNDATION PLANTING & PLANT LIST.
 - REFER TO SHEETS L2.0 - L2.1 FOR ADDITIONAL NOTES & DETAILS.
 - WHEN 40 OR MORE TREES ARE REQUIRED ON A SITE, AT LEAST FOUR DIFFERENT SPECIES SHALL BE UTILIZED, IN ROUGHLY EQUAL PROPORTIONS.
 - LANDSCAPE SHALL BE INSTALLED A MINIMUM OF 2.5 FEET FROM THE FOUNDATION OF A BUILDING OR STRUCTURE.

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NEW BEHAVIORAL HEALTH HOSPITAL
ORLANDO HEALTH JV
APOKA, FLORIDA



LANDSCAPE ORDINANCE REQUIREMENTS

CITY OF APOKA, FL PART III, ARTICLE 5, SECTION 5.2 CODE OF ORDINANCES

FOUNDATION PLANTING REQUIREMENT

- APPLY TO ALL COMMERCIAL DEVELOPMENT
- ALL PLANT MATERIALS SHALL BE FLORIDA NO. ONE GRADE OR BETTER
- ALL BUILDINGS FACING RIGHTS-OF-WAY SHALL CONTAIN A FOUNDATION LANDSCAPING AREA ADJACENT TO THE BUILDING THAT IS A MINIMUM OF FOUR FEET IN WIDTH AND EXTENDS THE ENTIRE LENGTH OF THE BUILDING FACADE
- MIN. 24" HT. SHRUBS WITH A MAX. SPACING OF 30" O.C.
- MIN. ONE (1) SMALL TREE PER 20 L.F. OF BUILDING FACADE FACING STREET

REQUIRED TREES (405 L.F./20): 21
PROVIDED TREES: 21
* SHRUBS PROVIDED AS SHOWN ON PLAN

- PERIMETER LANDSCAPE (ADJACENT STREET & OTHER PROPERTY)
- MIN. ONE (1) CANOPY TREE PER 35 L.F. OF PERIMETER
 - MIN. TEN (10) 3' HT. SHRUBS PER 35 L.F. PERIMETER

REQUIRED SHRUBS & TREES (2,368 L.F./35): 677 SHRUBS & 68 TREES
PROVIDED SHRUBS & TREES: 680 SHRUBS + 53 TREES + 18 EX. TREES

INTERIOR VEHICULAR PARKING AREA LANDSCAPING

- A MINIMUM OF ONE (1) CANOPY SHADE TREE, PLUS AN ADDITIONAL ONE (1) CANOPY SHADE TREE FOR EVERY TEN (10) SPACES OR ANY PORTION THEREOF, SHALL BE REQUIRED FOR AN OFF-STREET VEHICULAR PARKING AREA
- ONE TREE IN TERMINAL ISLANDS
- AT LEAST 90 PERCENT OF THE PARKING SPACES SHALL BE WITHIN 80' FROM THE TRUNK OF A TREE

REQUIRED TREES (168 SPACES/10 + 1): 18
PROVIDED TREES: 19

PERIMETER OFF-STREET VEHICULAR PARKING AREA LANDSCAPING

- A HEDGE ROW, CONSISTING OF SHRUBS A MINIMUM HEIGHT OF 36" AND PLANTED 42" O.C., OR OTHER APPROVED SCREENING

REQUIRED SHRUBS (316 L.F./3.5): 91
PROVIDED SHRUBS: 91

BUFFERYARDS (ADJACENT LAND USES: RELIGIOUS INSTITUTION & RETAIL/COMMERCIAL)

- HEALTHCARE ABUTTING HOUSEHOLD LIVING 20+ UNITS/ACRE.

MIXED USE DEVELOPMENT, ALL OTHER PUBLIC, CIVIC, AND INSTITUTIONAL: TYPE 'B' AESTHETIC (GROUND TO MIN. 20' HT.)
LENGTH OF 'B' BUFFERYARD: 615 L.F.
CONFIGURATION SELECTION: OPTION 1, MIN. WIDTH = 25'
PLANTINGS PER 100 L.F. OF BUFFERYARD: 3 CANOPY TREES + 12 SHRUBS; LENGTH OF BUFFER = 615 L.F.

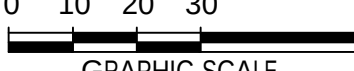
REQUIRED SHRUBS & TREES (6.15 MULTIPLIER): 74 SHRUBS & 19 TREES
PROVIDED SHRUBS & TREES: 74 SHRUBS & 23 TREES

NOTES:

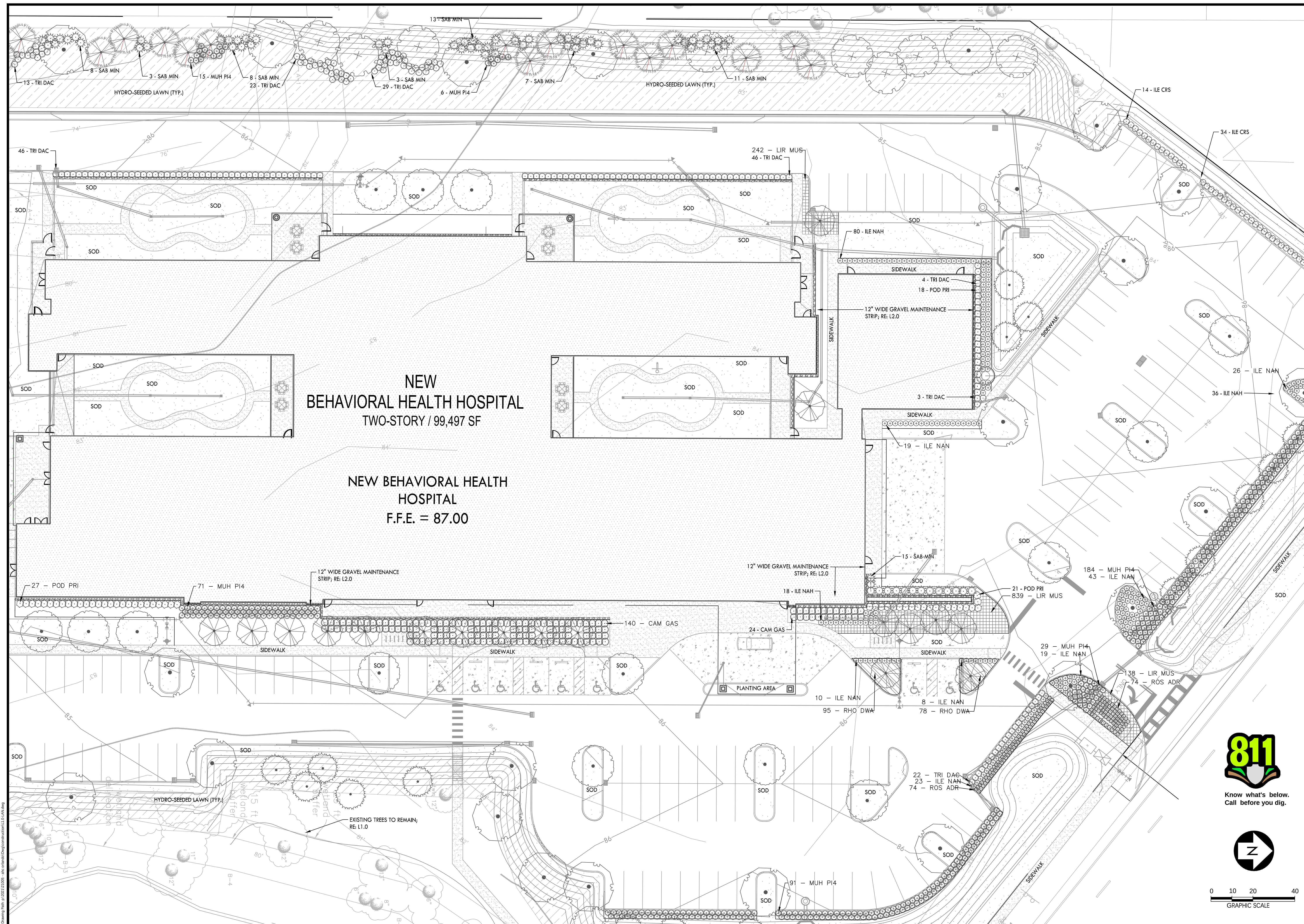
1. CREDIT FOR EX. VEGETATION: EXISTING VEGETATION LOCATED WITHIN TEN FEET OF A REQUIRED BUFFERYARD THAT MEETS THE SIZE STANDARDS OF TABLE 5.3.4.B.4.D-1, MAY BE PRESERVED & CREDITED TOWARD THE PERIMETER BUFFERYARD STANDARDS PROVIDED IT IS RETAINED DURING AND AFTER THE DEVELOPMENT PROCESS.

2. CREDIT FOR REQUIRED LANDSCAPING: REQUIRED LANDSCAPING ASSOCIATED WITH PERIMETER LANDSCAPING AROUND AN OFF-STREET VEHICULAR PARKING AREA MAY BE CREDITED TOWARDS THE BUFFERYARD REQUIREMENTS.

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	DETAIL	REMARKS	
MAG BRK	8	Magnolia grandiflora 'Brackens Brown Beauty' / Bracken's Beauty Southern Magnolia	12" Ht.	65 Gal.		Symmetrical form, Dense foliage	
MAG JIM	18	Magnolia virginiana 'Jim Wilson' / Moonglow® Sweetbay Magnolia	3" Cal.	B&B		Well branched, standard (single trunk)	
PIN ELL	28	Pinus elliptii / Slash Pine	2" Cal.	30 gal.		Dense foliage, symmetrical, straight trunk	
QUE BRE	32	Quercus nuttallii 'Ochlocknee' / Breezeway® Nuttall Oak	---				
TAX DIS	21	Taxodium distichum / Bald Cypress	2.5" Cal.	45 Gal.		Well branched, limb up 4' ht., symmetrical form	
ULM FL3	17	Ulmus americana floridana / Florida Elm	---				
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	DETAIL	REMARKS	
CAM GAS	164	Camellia sasanqua 'Shishi Gashira' / Shishi Gashira Camellia	7 gal.	Pot			
ILE CRS	48	Ilex cornuta 'Carissa' / Carissa Chinese Holly	3 gal.	Pot			
ILE NAN	246	Ilex vomitoria 'Nana' / Dwarf Yaupon Holly	3 gal.	Pot			
MUH P14	461	Muhlenbergia capillaris 'Pink Cloud' / Pink Cloud Pink Muhly Grass	3 gal.	Pot			
POD PRI	66	Podocarpus macrophyllus 'Pringles' / Pringles Dwarf Yew Podocarpus	7 gal.	Pot			
ROS ADR	148	Rosa x Meimirote / Apricot Drift® Rose	3 gal.	Pot			
SAB MIN	69	Sabal minor / Dwarf Palmetto	7 gal.	Pot			
TRI DAC	186	Tripsacum dactyloides nana / Dwarf Fakahatchee Grass	3 gal.	Pot			
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING	DETAIL	REMARKS
LIR MUS	1,219	Liriope muscari / Lilyturf	1 gal.	Pot	12" o.c.		
RHO DWA	173	Rhoeo discolor 'Dwarf' / Dwarf Oyster Plant	2 gal.	Pot	18" o.c.		





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ORLANDO HEALTH JV
APOPKA, FLORIDA

REVISIONS	
No.	DATE

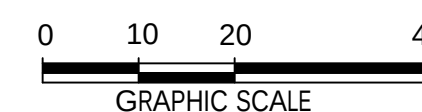
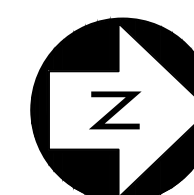
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DETAILED PLANTING PLAN



Know what's below.
Call before you dig.



1. GRASS OR GROUND COVER SHALL BE PLANTED ON ALL PORTIONS OF THE LANDSCAPE BUFFER AREA (LBA) NOT OCCUPIED BY OTHER LANDSCAPE MATERIAL.
2. THE GROUND PLANE OF ALL INTERIOR LANDSCAPE AREAS SHALL BE PLANTED USING EITHER SHRUBS, GROUNDCOVER, OR TURF.
3. EXISTING TREES AND PLANT MATERIAL ARE BEING USED TO MEET LANDSCAPE CODE REQUIREMENTS. IF ANY TREES OR SCREENING VEGETATION DIE OR ARE REMOVED THEY WILL BE REPLACED AS PER THE LANDSCAPE CODE REQUIREMENTS.
4. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO PERPETUALLY MAINTAIN ALL LANDSCAPE AREAS AND ASSOCIATED PLANT MATERIAL REQUIRED UNDER LAND DEVELOPMENT CODE REGULATIONS. THE PROPERTY OWNER SHALL ALSO BE RESPONSIBLE FOR MAINTAINING ASSOCIATED VEGETATION AND DRAINAGE SYSTEM WITHIN THE STORMWATER BASINS.
5. ALL UNHEALTHY OR DEAD PLANT MATERIAL SHALL BE REPLACED WITHIN ONE YEAR, OR BY THE NEXT PLANTING PERIOD, WHICHEVER COMES FIRST, WHILE OTHER DEFECTIVE PLANT MATERIAL SHALL BE REPLACED OR REPAIRED WITHIN THREE (3) MONTHS.
6. ALL PLANT MATERIAL LOCATED WITHIN A UTILITY EASEMENT THAT IS DAMAGED OR REMOVED DUE TO WORK REQUIRED BY THE UTILITY COMPANY SHALL BE IMMEDIATELY REPLACED BY THE OWNER IN ACCORDANCE WITH LAND DEVELOPMENT CODE CHAPTER 10 REQUIREMENTS.
7. STREET TREES SHALL BE PLANTED IN A MANNER THAT DOES NOT AFFECT PUBLIC SAFETY AND MAINTAINS PROPER SIGHT DISTANCES.
8. ALL SERVICE STRUCTURES SHALL BE SCREENED IN ACCORDANCE WITH LOCAL ZONING ORDINANCE/GOVERNING AGENCY SERVICE STRUCTURES INCLUDE BUT ARE NOT LIMITED TO: PROPANE TANKS, DUMPSTERS, HVAC UNITS, ELECTRIC TRANSFORMERS, TELECOM BOXES, ETC.
9. CONTRACTOR SHALL COORDINATE ANY UTILITY, SIDEWALK, OR GRADE CHANGES WITH LANDSCAPE ARCHITECT PRIOR TO BED PREPARATION, IRRIGATION, OR PLANTING INSTALLATION.
10. IRRIGATION WILL BE PROVIDED ON A DESIGN-BUILD BASIS. THIS IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE ADEQUATE WATERING OF THE PROPOSED PLANT MATERIAL AND LAWN AREAS. THE SYSTEM SHALL CONSIST OF SEVERAL WATERING ZONES CONTROLLED BY A CENTRAL TIMER WITH EITHER POP-UP AND ROTATING IRRIGATION HEADS OR A DRIP LINE SYSTEM. THE PROPOSED SYSTEM SHALL BE INSTALLED PRIOR TO PLANTING. (IF APPLICABLE)
11. AN AUTHORIZED INSPECTOR OR LOCAL AGENCY OFFICIAL SHALL HAVE THE RIGHT TO ENTER ONTO ANY PROPERTY TO INSPECT THE HEALTH AND GENERAL CONDITION OF PLANT MATERIAL THAT IS; LOCATED IN THE RIGHT OF WAY; PART OF AN APPROVED DEVELOPMENT/ LANDSCAPE PLAN; OR REPORTED AS A PUBLIC HAZARD.
12. LANDSCAPE ARCHITECT SHALL INSPECT AND CERTIFY THAT ALL REQUIRED LANDSCAPING, INCLUDING SCREEN FENCING, HAS BEEN INSTALLED OR PLANTED AS SHOWN ON THE APPROVED LANDSCAPE PLAN.
13. LANDSCAPE PLANTINGS MUST BE INSTALLED PRIOR TO OCCUPANCY OF THE SITE OR AT THE NEXT AVAILABLE PLANTING SEASON. THESE PLANTINGS ARE TO BE MAINTAINED THEREAFTER.

1. THE LANDSCAPE CONTRACTOR SHALL PROVIDE OWNER WITH WRITTEN INSTRUCTIONS ON THE PROPER CARE OF ALL SPECIFIED PLANT MATERIALS PRIOR TO FINAL PAYMENT.
2. CONTRACTOR TO WARRANTY ALL MATERIAL FOR 2 YEARS AFTER DATE OF FINAL ACCEPTANCE.
3. ALL UNHEALTHY OR DEAD PLANT MATERIAL SHALL BE REPLACED WITHIN ONE YEAR, OR BY THE NEXT PLANTING PERIOD, WHICHEVER COMES FIRST. OTHER DEFECTIVE PLANT MATERIAL SHALL BE REPLACED OR REPAIRED WITHIN THREE (3) MONTHS.

1. ALL PLANTING BEDS OR MULCH BEDS SHALL HAVE WEEDS REMOVED PRIOR TO THE INSTALLATION OF MULCH.
2. ALL PLANTING BEDS SHALL HAVE A MINIMUM OF 3" DEPTH OF AGED SHREDDED HARDWOOD BARK MULCH OR A MINIMUM OF 4" DEEP PINE STRAW MULCH.
3. CONTRACTORS SHALL PROVIDE SMOOTH, NEATLY TRENCHED (3 INCH DEEP) BED EDGES.
4. MULCH SHALL NOT CONTACT OUTER BARK AT BASE OF TREES. PULL BACK MULCH 3-4" FROM TRUNK.

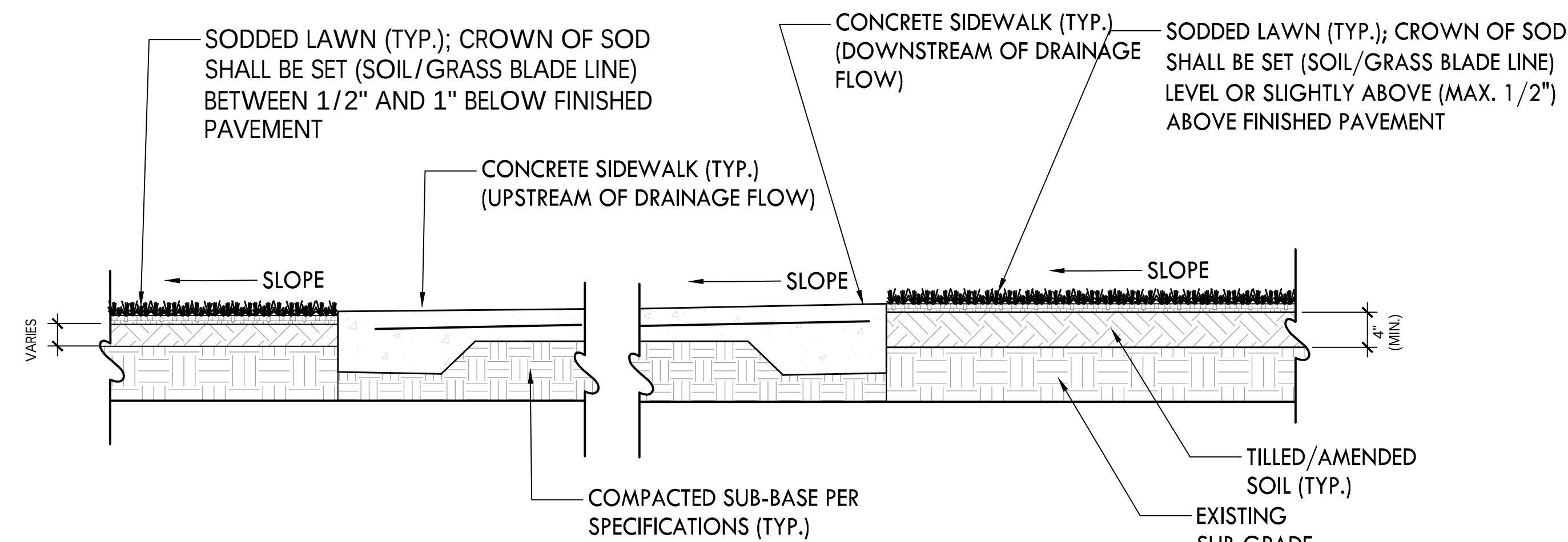
1. THE LANDSCAPE CONTRACTORS SHALL VERIFY ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN WILL TAKE PRECEDENCE.
2. ALL PLANT MATERIALS TO BE NURSERY GROWN AND TO COMPLY WITH THE AMERICAN STANDARDS FOR NURSERY STOCK: ANSI - LATEST EDITION FOR SIZE AND QUALITY.
3. ALL PLANT MATERIAL SHALL BE A MINIMUM OF "FLORIDA NUMBER ONE" AS DEFINED IN THE MOST CURRENT EDITION OF THE GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1 AND I, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. PLANTS THAT ARE INFERIOR OR DAMAGED WILL NOT BE ACCEPTED.
4. THE PLANTS DELIVERED TO THE PROJECT SITE SHALL BE DELIVERED AS SOON AS SITE CONDITIONS PERMIT. TAKE CARE IN SCHEDULING PLANT DELIVERIES AND THE SIZE OF DELIVERIES SO THAT LONG PERIODS OF STORAGE ARE AVOIDED. ADEQUATELY PROTECT PLANTS PLACED IN TEMPORARY STORAGE FROM THE SUN AND WIND; WATER PLANTS SO AS TO MAINTAIN THEIR APPEARANCE AND HEALTH. PLANTS THAT HAVE NOT BEEN PROPERLY MAINTAINED DURING TEMPORARY STORAGE MAY BE REJECTED BY THE LANDSCAPE ARCHITECT.
5. ALL TREES SHALL BE FIRST QUALITY REPRESENTATIVES OF THEIR SPECIES AND SHALL MEET ALL REQUIREMENTS OTHERWISE STIPULATED. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT PLANTED MATERIAL IN THE FIELD, AT THE GROWING SITE OR ON THE JOB SITE.

1. Construction fencing shall be erected where off-site trees or tree canopy exists within 3' of a common property line. Construction fencing shall be erected at the edge of the limits if disturbance area, prior to any grading or construction activities - preventing compaction of existing root systems of trees to be preserved and off- site trees. The fencing shall enclose the entire area beneath the drip line of the tree canopy and shall remain in place until all construction is completed. No parking, material storage or construction activities are permitted within the protected area.
2. Construction fencing shall be erected at the edge of the limits of disturbance area, prior to any grading or construction activities. The fencing shall be in place until all construction is completed. No parking, material storage, or construction activities shall be permitted within the fenced area.
3. Construction fencing shall be erected prior to any grading or construction activities – preventing compaction of root systems of trees to be preserved. The fencing shall enclose the area beneath the drip line of the tree canopy and shall remain in place until all construction is completed. No parking, material storage, or construction activities shall be permitted within the fenced area.
4. Prior to site disturbance or construction activities a site inspection by staff or designee shall be scheduled to confirm and verify the Tree Preservation/ Protection Fencing and Signage is installed and correctly placed.
5. The contractor shall post signage on the Tree Preservation/ Protection Fencing and Construction Fencing identifying the enclosed area as Tree Preservation/ Protection Area. The signs shall include the following text: STAY OUT TREE PRESERVATION / PROTECTION AREA "NO equipment, materials, or vehicles shall be stored or placed within the area enclosed by this 'Tree Preservation/Protection' Fence. This fence may not be removed without the approval of the local agency at completion of project. Failure to comply will result in fines and tree mitigation. Report non-compliance to local authorities or landscape architect."
6. The Tree Preservation/ Protection Area signage shall be posted every 50 feet along the Tree Preservation Fence. The signs shall be a minimum size of 8" X 10" and weather resistant. If the signs are damaged or faded, they shall be replaced within 10 working days or 2 weeks.
7. The original stamped copy of the approved Tree Preservation Plan shall be present on site during all clearing, grading and construction activity and shall be made available to any inspector or enforcement officer upon request.
8. An authorized inspector shall have the right to enter onto any property to inspect the health and general condition of plant material that is; located in the right of way; part of an approved development/landscape plan; or reported as a public hazard.

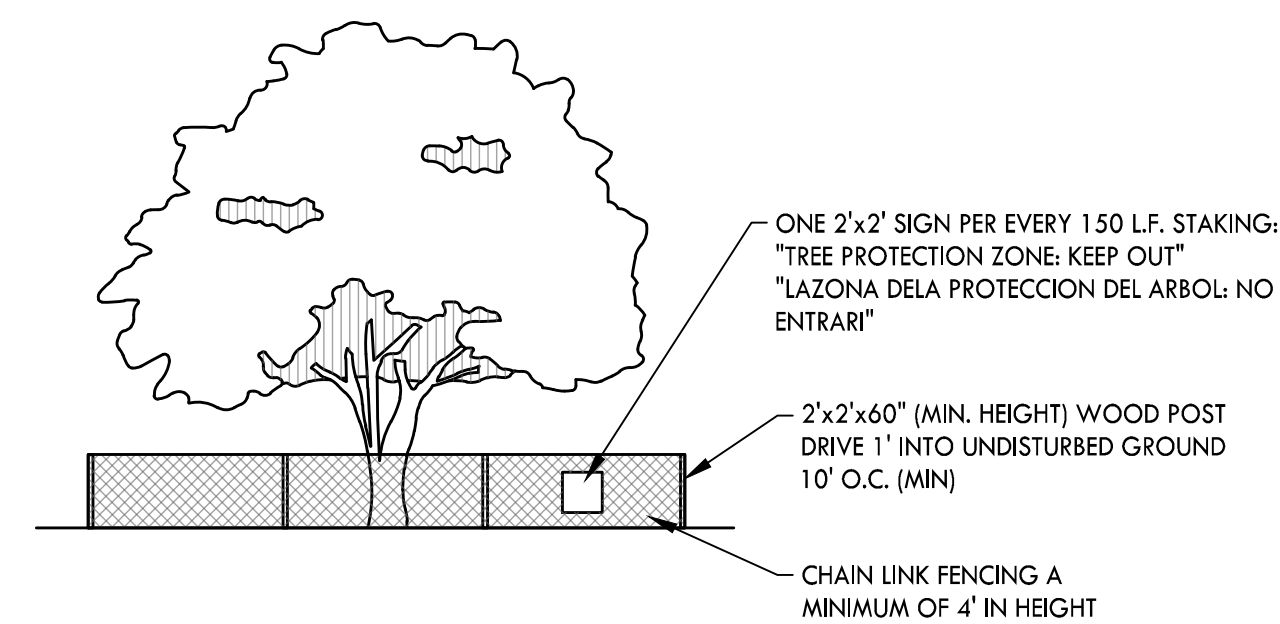
1. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND TAKE PRECAUTIONS TO PREVENT DAMAGE TO THESE UTILITIES.
2. THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGES TO UTILITIES.
3. PLANT MATERIALS AND STUMPS INDICATED FOR REMOVAL SHALL BE REMOVED AND DISPOSED OFF-SITE BY THE CONTRACTOR. BACKFILL HOLES WITH QUALITY TOPSOIL FREE OF ROOTS AND ROCKS. SEE TOPSOIL SPECIFICATION.
4. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINE GRADING OF ALL PLANTING AREAS.
5. ALL CONTRACTORS APPLYING CHEMICALS ON SITE SHALL SUBMIT COPIES OF CERTIFICATION(S) AND LICENSES TO THE LANDSCAPE ARCHITECT.
6. PLANTING BEDS SHALL BE CLEARED OF GRASS AND WEEDS PRIOR TO INSTALLATION OF PLANTS.
7. SOD ALL AREAS DISTURBED BY CONSTRUCTION AND NOT DESIGNATED AS GROUND COVER AREAS.

1. ALL PLANTED AREAS TO HAVE A MINIMUM OF 6" OF QUALITY TOPSOIL.
2. ALL COMPACTED AREAS TO BE AERATED AND AMENDED AS NEEDED.
3. TOPSOIL IS TO BE NATURAL, FERTILE, FRIABLE, PRODUCTIVE SOIL, NEITHER EXCESSIVELY ACID NOR ALKALINE, AND FREE FROM TOXIC SUBSTANCES, STONES WEEDS, CLAY, CLOUDS, ROOTS, CINDERS, DEBRIS, AND CONSTRUCTION MATERIAL.

1. ALL PLANTING BEDS OR MULCH BEDS SHALL BE FREE OF WEEDS PRIOR TO THE INSTALLATION OF MULCH..
2. THE OPTIMUM TIME OF PLANTING IS FROM OCTOBER 1 TO APRIL 1. SCHEDULING FOR PLANTING AT OTHER TIMES MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT. CONTRACTOR TO ACCOUNT FOR TEMPORARY WATERING AS PART OF THEIR BID FOR ANY PLANTING INSTALLED DURING PERIODS OF HIGH TEMPERATURES.
3. UPON SECURING PLANT MATERIAL AND BEFORE INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT FOR A PRE-INSTALLATION INSPECTION IN ORDER TO VERIFY ALL PLANT MATERIAL MEETS SPECIFICATIONS. TREES OF SAME SPECIES ARE TO BE MATCHED IN GROWTH CHARACTER AND UNIFORMITY.
4. PLANTS SHALL BE ORIENTED FOR BEST APPEARANCE AND VERTICAL. ALL NON-BIODEGRADABLE ROOT CONTAINERS SHALL BE REMOVED.
5. AFTER PLANTING, TREE BRANCHES SHALL BE SELECTIVELY TRIMMED BY 25%, MAINTAINING NATURAL SHAPE. ALL DEAD AND BROKEN BRANCHES IN TREES AND SHRUBS SHALL ALSO BE PRUNED. REMOVE TAGS, TWINE, OR OTHER NON-BIODEGRADABLE MATERIAL.
6. WATERING: ALL TREES AND SHRUBS SHALL BE THOROUGHLY WATERED WITHIN ONE HOUR OF INSTALLATION.



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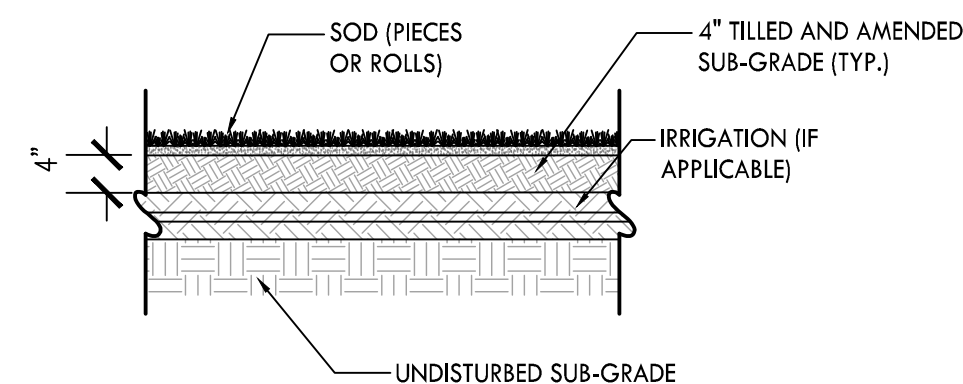


NOTES:
CONTRACTOR SHALL OBTAIN A SOIL ANALYSIS FROM AN INDEPENDENT
LABORATORY APPROVED BY THE STATE DEPARTMENT OF AGRICULTURE. ANY
RECOMMENDED AMENDMENTS SHALL BE INCORPORATED INTO PREPARATION.

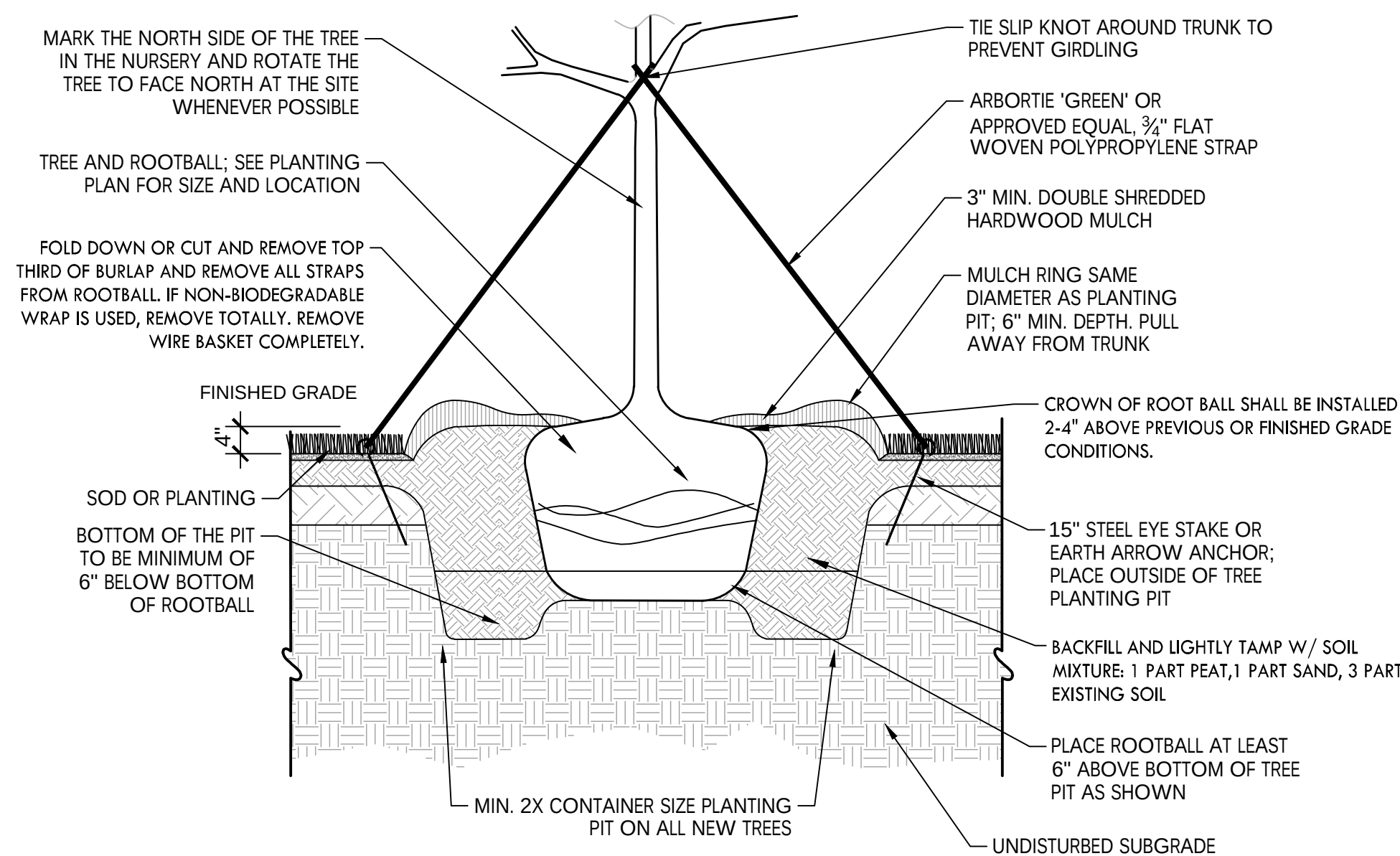
CONTRACTOR SHALL LOOSEN THE TOP FOUR (4") INCHES OF SOIL IN AREAS TO RECEIVE LAWN. REMOVE ALL DEBRIS, STICKS, ROOTS, RUBBISH, CLUMPS OF SOIL, STONES OVER ONE (1) INCH IN DIAMETER, AND ALL OTHER EXTRANEOUS MATTER PRIOR TO FINE GRADING FOR SOD AREAS AS PER SPECIFICATIONS.

LAY SOD WITH TIGHTLY FITTED JOINTS; ELIMINATING AIR POCKETS AND FORMING A SMOOTH CONTINUOUS MASS OF LAWN.

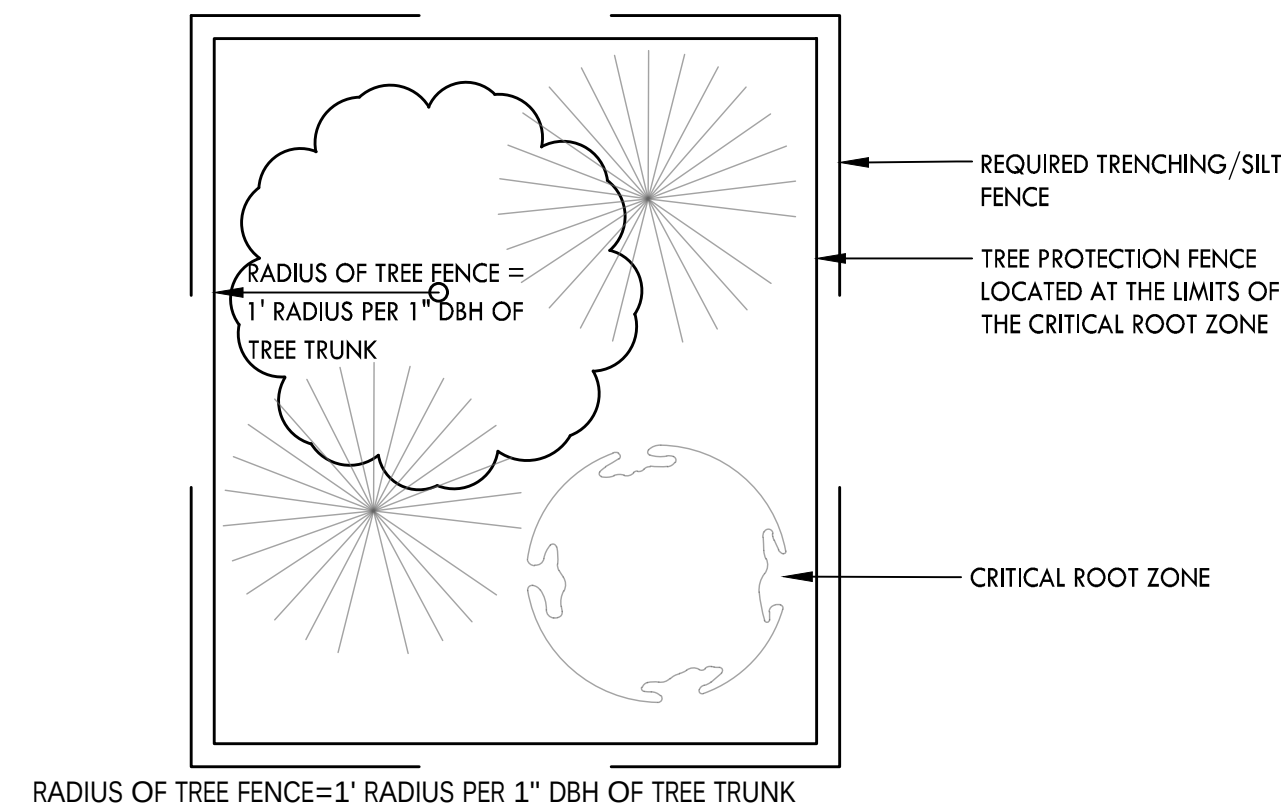
REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION THAT ARE PART OF THE CONTRACT DOCUMENTS.



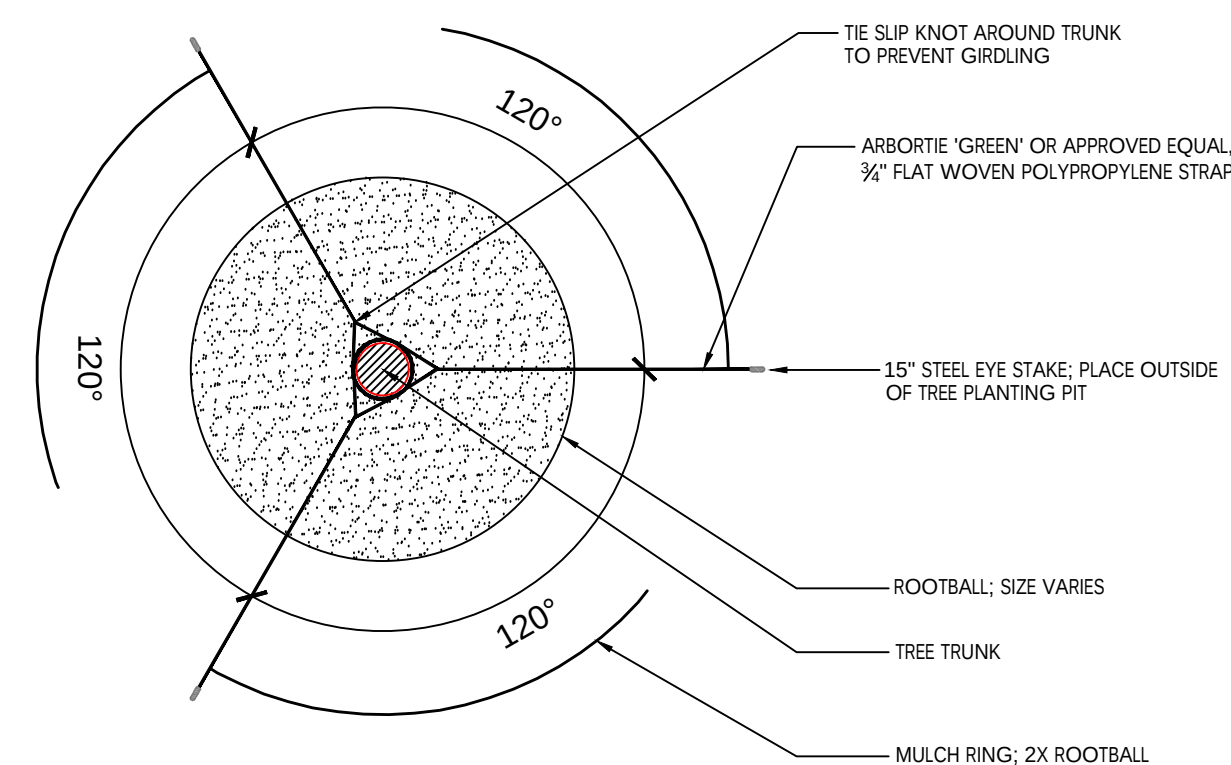
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SUITE 201
BRENTWOOD, TN 37027
(615) 873-1795
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ORLANDO HEALTH JV
APOPKA, FLORIDA

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PLANTING DETAILS



NOTES:

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NOTE: PREPARE SOIL IN THE ENTIRE BED AS REQUIRED



5 BED PREPARATION

NOTE: PREPARE SOIL IN THE ENTIRE BED AS SPECIFIED



NOTE: PREPARE SOIL IN THE
ENTIRE BED AS SPECIFIED



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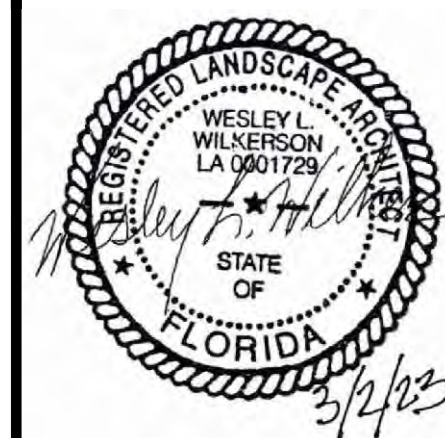
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L2.1

PLANTING DETAILS

FINAL CONSTRUCTION PLANS
for
MID-FLORIDA SOUTH
LOGISTICS PARK
APOPKA, FLORIDA

DEVELOPER:
BPG APOPKA PROPERTIES, LLC.
1540 GENESSEE STREET,
KANSAS CITY, MO. 64102
CONTACT: ERIC WYANCKO
PHONE: 913-333-9196
EMAIL: ERIC.WYANCKO@BLUESCOPEPROPERTIES.COM

ENGINEER:
DAVE SCHMITT ENGINEERING, INC.
12301 LAKE UNDERHILL ROAD, SUITE 241
ORLANDO, FL 32828
CONTACT: DAVE SCHMITT, P.E.
PHONE: 407-207-9088
EMAIL: DSEMAILBOX@DSEORL.COM

SURVEYOR:
LEADING EDGE LAND SERVICES INCORPORATED
8802 EXCHANGE DRIVE
ORLANDO, FLORIDA. 32809
CONTACT: MIKE BAERHOLD
PHONE: 407 351-6730
EMAIL: MBAERHOLD@LEADINGEDGELS.COM

ENVIRONMENTAL:
BIO-TECH
3025 EAST SOUTH STREET,
ORLANDO, FL 32803
CONTACT: BILL KEENAN, DANIEL COUGH
PHONE: 407-894-5969,
EMAIL: DANNY@BIOTECHCONSULTING.COM

GEOTECHNICAL:
ANDREYEV ENGINEERING, INC.
4055 ST. JOHN'S PARKWAY
SANFORD, FL 32771
CONTACT: MARK JUNG
PHONE: 407 330-7763
EMAIL: MJUNG@ANDREYEVENGINEERING.COM

LANDSCAPING:
BORELLI + PARTNERS.
720 VASSAR STREET
ORLANDO, FL 32804
CONTACT: CHRIS RICE
PHONE: 407-218-1342
EMAIL: CRICE@BORRELLIARCHITECTS.COM

PARCEL ID
Parcel 1 12-21-27-0000-00-011
Parcel 2 12-21-27-0000-00-012
Parcel 3 12-21-27-0000-00-013
Parcel 4 12-21-27-0000-00-007
Parcel 5 12-21-27-0000-00-008

Legal Description:
A PARCEL OF LAND LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, BEING ALL OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 8062, PG. 1216, OFFICIAL RECORDS BOOK 10135, PAGE 9149, OFFICIAL RECORDS BOOK 9177, PAGE 2436, AND A PORTION OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 4572, PAGE 90, ALL BEING OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGIN AT THE SOUTHEAST CORNER OF TRACT F, MID-FLORIDA LOGISTICS PARK, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK, 99, PAGES 34-43, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, ALSO BEING THE WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 429 (WESTERN BELTWAY) LIMITED ACCESS RIGHT-OF-WAY; THENCE ALONG SAID WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 429 (WESTERN BELTWAY) THE FOLLOWING NINE (9) COURSES: 1) S15°56'44"W, A DISTANCE OF 76.95 FEET; 2) S13°06'26"W, A DISTANCE OF 95.81 FEET; 3) S09°55'40"W, A DISTANCE OF 260.16 FEET; 4) S89°55'49"W, A DISTANCE OF 521.35 FEET; 5) S00°11'42"W, A DISTANCE OF 466.60 FEET; 6) N89°55'49"E, A DISTANCE OF 489.17 FEET; 7) S07°25'10"E, A DISTANCE OF 313.50 FEET; 8) S17°09'05"E, A DISTANCE OF 106.11 FEET; 9) SOUTH EASTERLY ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT (SAID CURVE HAVING A RADIUS OF 5156.00 FEET, A CENTRAL ANGLE OF 07°30'56" AND A CHORD BEARING AND DISTANCE OF S08°24'37"E, 675.83 FEET) FOR AN ARC DISTANCE OF 676.31 FEET TO THE SOUTH LINE OF THE NORTHEAST 1/4 OF SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE OF STATE ROAD 429 (WESTERN BELTWAY), ALONG SAID SOUTH LINE OF THE NORTHEAST 1/4 OF SECTION 12, S89°50'36"W, A DISTANCE OF 1729.14 FEET; THENCE DEPARTING SAID SOUTH LINE OF THE NORTHEAST 1/4 OF SECTION 12, N00°25'23"E, A DISTANCE OF 657.98 FEET TO THE SOUTH LINE OF TRACT C OF SAID MID-FLORIDA LOGISTICS PARK; THENCE ALONG THE SOUTH LINE OF SAID TRACT C N89°53'17"E, A DISTANCE OF 81.30 FEET TO THE SOUTHEAST CORNER OF SAID TRACT C; THENCE DEPARTING SAID SOUTH LINE OF TRACT C, ALONG THE EAST LINE OF SAID TRACT C, N00°26'44"E, A DISTANCE OF 1316.95 FEET TO THE NORTHEASTERLY CORNER OF SAID TRACT C, ALSO BEING THE SOUTH LINE OF LOT 5 OF SAID MID-FLORIDA LOGISTICS PARK; THENCE DEPARTING SAID EAST LINE OF TRACT C, ALONG SAID SOUTH LINE OF LOT 5 N89°58'26"E, A DISTANCE OF 1583.60 FEET TO THE POINT OF BEGINNING.
CONTAINING 65.303 ACRES (2844610 SQUARE FEET) OF LAND, MORE OR LESS.
ALSO A CFX PARCEL LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST ORANGE COUNTY, FLORIDA. CONTAINING 5.412 ACRES (235752 SQUARE FEET) OF LAND, MORE OR LESS.

WATER / SEWER SERVICE:
CITY OF APOPKA
748 EAST CLEVELAND STREET
APOPKA, FL 32703
CONTACT: JORGE GARCIA
PHONE: 407 703-1731

ELECTRIC SERVICE:
DUKE ENERGY
PO BOX 14042
ST. PETERSBURG, FL 33733
CONTACT: CHRISTINA POSHARD
PHONE: 407 464-1229

GAS SERVICE:
LAKE APOPKA NATURAL GAS DISTRICT
38 NORTH LAKE PARK AVENUE
APOPKA FL, 32703
CONTACT: EVERETT HOLMES
PHONE: 407 410-7024

TELEPHONE AND CABLE SERVICE:
CENTURYLINK
100 CENTURYLINK DRIVE
MONROE, LA 71203
CONTACT: HARY TOLEDO
PHONE: 833 283-4773



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27-29	UTILITY DETAILS
30-32	LIFT STATION PLAN
33	PAVING & DRAINAGE DETAILS PLANS BY OTHERS TOPOGRAPHIC SURVEY LANDSCAPE PLANS IRRIGATION PLANS PHOTOMETRIC PLANS



SITE LOCATION
SCALE 1:2000



DAVE SCHMITT
ENGINEERING, INC.
12301 LAKE UNDERHILL ROAD SUITE 241
ORLANDO, FLORIDA 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274
Digitally signed
by Dave M
Schmitt
Date:
2023.08.25
11:56:35 -04'00'

- DISCREET ENGINEERING NOTIFICATIONS
- A. THE CONTRACTOR SHALL PROVIDE THE ENGINEER 24 HOUR ADVANCE NOTIFICATION FOR THE FOLLOWING CONSTRUCTION AND OBSERVATION ACTIVITIES.
- a. SANITARY SEWER VIDEO INSPECTION
- b. CONNECTIONS TO EXISTING SYSTEMS
- c. THRUST BLOCK POURS AND RESTRAINT CONNECTIONS
- d. STORM DRAINAGE LAMPING
- e. INLET TOP POURS (REINFORCING STEEL CHECK)
- f. WATER & FORCE MAIN PRESSURE TESTS
- g. BACTERIOLOGICAL SAMPLING
- h. BASE OBSERVATION & SOUNDING
- i. ASPHALT PLACEMENT
- j. PRE-FINAL INSPECTION
- k. FINAL INSPECTION
- B. THE CONTRACTOR SHALL KEEP DAILY "AS-BUILT" DRAWINGS AND MAKE THEM READILY ACCESSIBLE.
- C. THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER A PROJECT CONSTRUCTION SCHEDULE (BAR GRAPH) AND UPDATE SAID SCHEDULE ON A MONTHLY BASIS.
- D. ALL FUEL STORAGE AREAS SHALL HAVE THE PROPERTY OWNER'S PRIOR APPROVAL AND APPROPRIATE MEASURES SHALL BE TAKEN TO INSURE PROTECTION OF GROUNDWATER AND SOIL RESOURCES.
- E. THE CONTRACTOR SHALL COORDINATE ALL BACKFILL OPERATIONS WITH THE PROJECT GEOTECHNICAL ENGINEER AND SUBMIT TEST REPORTS TO THE ENGINEER PRIOR TO BEGINNING WORK ON THE NEXT ITEM OF WORK, I.E. SUBGRADE PRIOR TO CURB.
- F. THE ENGINEER RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER, RE-TEST AND OR PERFORM ANY ACTION NECESSARY TO ENSURE THAT THE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- WATER
26. THE FOLLOWING UTILITY PROVIDER IS LISTED FOR THE CONVENIENCE TO THE CONTRACTOR.
- WATER:
- CITY OF APOPKA UTILITIES
748 EAST CLEVELAND STREET
APOPKA, FLORIDA 32073
- CITY OF APOPKA UTILITIES WILL MAINTAIN THE PROPOSED POTABLE WATER SYSTEM WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND DOING ALL OF THE WORK IN ACCORDANCE WITH THE LATEST CITY OF APOPKA UTILITIES SPECIFICATIONS AND STANDARDS.
27. ALL WATER MAIN FITTINGS, VALVES, RESTRAINTS, COUPLINGS, PIPE, AND IN GENERAL ALL MATERIALS REQUIRED FOR INSTALLING THE WATER SUPPLY SYSTEM, THAT CONNECT TO THE OCGU SYSTEM SHALL CONFORM TO CITY OF APOPKA MANUAL OF STANDARDS AND SPECIFICATIONS FOR WASTEWATER AND WATER MAIN CONSTRUCTION.
28. LOCATING TAPE CAPABLE OF REGISTERING ON A METAL LOCATOR SHALL BE INSTALLED DIRECTLY ABOVE THE PIPE CENTERLINE AND EXTEND TO AT LEAST SIX INCHES, AND PREFERABLY TWELVE INCHES, ABOVE OR AT LEAST TWELVE INCHES BELOW MUST BE MAINTAINED. WHEREVER POSSIBLE, THE WATER MAIN SHALL BE LAID ABOVE THE OTHER PIPE.
- THE TAPE SHALL BE LAID CONTINUOUSLY WITHOUT GAPS BETWEEN ENDS OVER ALL INSTALLED PIPING. THE TAPE SHALL HAVE THE WORD "CAUTION" AND THE LINE IDENTIFICATION, SUCH AS "CAUTION, WATER LINE BURIED BELOW," PRINTED CONTINUOUSLY ALONG ITS LENGTH. THE TAPE SHALL BE COLOR CODED BLUE ACCORDING TO CITY OF APOPKA UTILITIES STANDARDS. FULL RANGE MARKERS SHALL ALSO BE USED.
29. WATER AND UTILITY CROSSINGS:
- UTILITY SEPARATION-VERTICAL CLEARANCE
- A. WHERE WATER MAINS CROSS A GRAVITY SANITARY SEWER OR STORM SEWER MAIN, A VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) OF AT LEAST SIX INCHES, AND PREFERABLY TWELVE INCHES, ABOVE OR AT LEAST TWELVE INCHES BELOW MUST BE MAINTAINED. WHEREVER POSSIBLE, THE WATER MAIN SHALL BE LAID ABOVE THE OTHER PIPE.
- B. WHERE WATER MAINS CROSS A SANITARY FORCE MAIN OR RECLAIMED WATER MAIN, A VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) OF AT LEAST 12 INCHES MUST BE MAINTAINED. WHEREVER POSSIBLE, THE WATER MAIN SHALL BE LAID ABOVE THE OTHER PIPE.
- C. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ON THE OTHER PIPELINE SO THAT THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE JOINTS OF THE OTHER PIPE.
- UTILITY SEPARATION-HORIZONTAL SEPARATION
- D. WHEN WATER MAINS PARALLEL A GRAVITY SEWER MAIN, SANITARY FORCE MAIN, OR RECLAIMED WATER MAIN NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., A SEPARATION (MEASURED OUTSIDE TO OUTSIDE) OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, MUST BE MAINTAINED. THE MINIMUM SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY SANITARY SEWERS SHALL BE THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SANITARY SEWER PIPE.
- E. WHERE WATER MAINS PARALLEL A STORM SEWER PIPE OR RECLAIMED WATER MAIN REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. A MINIMUM OF 3 FEET HORIZONTAL SEPARATION (MEASURED OUTSIDE TO OUTSIDE) MUST BE MAINTAINED.
- F. NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY MANHOLE OR STORM SEWER INLET OR MANHOLE.
- G. FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM THE STORM SEWER OR RECLAIMED WATER MAIN REGULATED BY PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM A GRAVITY SANITARY SEWER, SANITARY FORCE MAIN OR RECLAIMED WATER MAIN NOT REGULATED BY PART III OF CHAPTER 62-610, F.A.C.
- H. THE WATER MAIN PIPE SHALL BE LAID SUCH THAT THE JOINTS ARE STAGGERED AS FAR AS POSSIBLE FROM THE JOINTS OF THE OTHER PIPE.
29. WHERE DUCTILE IRON PIPE IS REQUIRED FOR WATER MAINS, IT SHALL CONFORM TO ANSI/AWWA A21.51 A MINIMUM THICKNESS OF CLASS 50 PER ANSI/AWWA SHALL BE SUPPLIED. DIP PIPE MUST BE IN CONFORMANCE WITH AWWA C150 AND C151.
30. TESTING: THE CONTRACTOR TO TEST ALL WATER MAINS AS PER THE FOLLOWING: HYDROSTATIC TEST PER AWWA-C600 (OR M23)

- c. PERMANENT SODDING: ALL RETENTION/DETENTION BASINS SHALL BE SODDED WITHIN THEIR LIMITS. ALL EXPOSED AREAS WITHIN PUBLIC RIGHT-OF-WAYS WILL BE SODDED SODDED. OTHER AREAS WITH SLOPES STEEPER THAN 4:1 WILL BE SODDED.
- d. STRIP SODDING: STRIP SOD SHALL BE PLACED ADJACENT TO ALL CURBS, WALKS AND PAVEMENTS.
- e. REGRASSING: ALL GRASSED AREAS WILL BE MAINTAINED TO ASSURE A GOOD STAND AND SUFFICIENT GROUND COVER TO MINIMIZE EROSION IF, AFTER 60 DAYS AN ADEQUATE GROUND COVER HAS NOT BEEN ESTABLISHED, THE AREA WILL BE REGRASSED.
- f. ADDITIONAL FERTILIZATION: GRASSED AREAS NOT ACCEPTED WITHIN 90 DAYS OF THEIR COMPLETION SHALL BE FERTILIZED AT AN APPLICATION RATE OF 250 POUNDS PER ACRE.
- ALL PUBLIC STORM DRAINAGE PIPES MUST BE WRAPPED AT THE JOINT WITH FIBER GLASS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL RETENTION AND DETENTION FACILITIES AND ALL LANDSCAPE BUFFERS, THROUGHOUT THE DURATION OF THE PROJECT, AND UNTIL THE WORK IS ACCEPTED BY THE OWNER. ALL DISRUPTED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
- ROADWAY AND DRAINAGE DESIGN PER CURRENT CITY OF APOPKA AND FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- UTILITY (SEWER AND WATER) DESIGN PER CURRENT CITY OF APOPKA UTILITIES STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN TO CITY OF APOPKA AND OBTAIN PLAN APPROVAL PRIOR TO CONSTRUCTION.
- AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS ON PROPOSED FORCEMAINS, RECLAIMED WATER MAINS AND POTABLE WATER MAINS.
- THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING IN PROXIMITY OF WATER MAINS, WASTEWATER FORCE MAINS, GRAVITY MAINS AND RECLAIMED WATER MAINS. MAIN LOCATIONS SHOWN ON PLANS ARE NOT EXACT OR GUARANTEED. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING UTILITY LOCATIONS.
- THE UTILITIES DISPATCH OPERATOR SHALL BE NOTIFIED BY THE CONTRACTOR FOR PIPE EMERGENCIES.
- UTILITIES ENGINEERING AND CONSTRUCTION DIVISION: 407-703-1731.
- ALL EXISTING WATER, FORCE, GRAVITY AND RECLAIMED WATER MAINS AND OTHER FACILITIES WITHIN THE LIMITS OF THE PROJECT SHALL BE SUPPORTED AND PROTECTED AGAINST DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL ADJUST VALVE BOXES, AIR RELEASE VALVES, FIRE HYDRANTS, MANHOLE COVERS, ETC IN CONFLICT WITH ROADWAY.
- THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL IMMEDIATELY REPAIR ALL DAMAGES TO UTILITIES' MAINS AND FACILITIES. IF THE REPAIR IS NOT MADE IN A TIMELY MANNER, AS DETERMINED BY UTILITIES, UTILITIES MAY PERFORM REQUIRED REPAIRS AND CLEANUP. THE CONTRACTOR WILL BE CHARGED FOR ALL EXPENSES ASSOCIATED WITH THE REPAIR.
- UTILITIES CONSTRUCTION DIVISION SHALL BE NOTIFIED AT LEAST SEVEN (7) DAYS PRIOR TO ANY CONSTRUCTION ACTIVITY WITHIN PROXIMITY OF ANY UTILITIES.
- ONLY UTILITIES SHALL OPERATE WATER, WASTEWATER, AND RECLAIMED WATER VALVES. COORDINATE VALVE OPERATION WITH APPROPRIATE UTILITIES INSPECTOR.
- THE CONTRACTOR SHALL COORDINATE ALL PUMP STATION OPERATION AND SHUT DOWN CONTROL WITH A UTILITIES INSPECTOR. THE CONTRACTOR SHALL PROVIDE FOR BYPASSING AND/OR HAULING OF WASTEWATER DURING THE INTERRUPTION OF FLOWS AND CONNECTIONS WITH EXISTING WASTEWATER SYSTEMS.
- ALL NEW VALVES BEING INSTALLED SHALL REMAIN CLOSED DURING CONSTRUCTION. KEEP VALVES ON ALL WET TAPS CLOSED UNTIL, CLEARED BY FDEP. DO NOT CONNECT ANY PROPOSED WATER MAIN TO ANY EXISTING WATER MAIN UNLESS CLEARED BY FDEP AND UTILITIES.
- THE UTILITY IMPROVEMENTS AND ADJUSTMENTS SHOWN ON THESE PLANS ARE INTENDED TO MAINTAIN THE INTEGRITY OF THE CITY OF APOPKA WATER, WASTEWATER AND RECLAIMED WATER SYSTEMS. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MANUAL. THE PLANS DO NOT INCLUDE WORK PERFORMED ON OR FOR UTILITY SYSTEMS OWNED BY OTHERS UNLESS STATED OTHERWISE ON THE PLANS.
- ALL EXISTING AND NEW CITY OF APOPKA UTILITIES VALVES, VALVE BOXES, AND MANHOLES SHALL BE PROTECTED AND ADJUSTED TO FINISHED GRADE AS SHOWN ON THE DRAWINGS. ALL EXISTING ABOVE GROUND VALVES TO BE RELOCATED, AS REQUIRED.
- MAKE TEMPORARY CONNECTIONS TO AN EXISTING POTABLE WATER SOURCE. FLUSH OUT NEW WATER MAIN WITH POTABLE WATER. USE "JUMPER" ASSEMBLY WITH BACKFLOW PREVENTER TO MAKE TEMPORARY CONNECTIONS TO AN EXISTING WATER SOURCE.
- PRESSURE PIPE LENGTHS DO NOT INCLUDE BENDS, AIR RELEASE VALVES OR FIRE HYDRANT ASSEMBLIES.
- THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF EPA AND FDEP AS IT RELATES TO THE NPDES NOTES INCLUDING THE POLLUTION DISCHARGE CONTROL.
- AN EROSION CONTROL PLAN WILL BE APPROVED BY THE CITY ENGINEER PRIOR TO THE PRE-CONSTRUCTION CONFERENCE.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF APOPKA PUBLIC UTILITIES CONSTRUCTION DEPARTMENT 48 HOURS PRIOR TO ANY UTILITIES CONSTRUCTION.
- ALL EXISTING UTILITIES HAVE BEEN FIELD VERIFIED AT ALL POINTS OF CONNECTION TO AND AT ALL AREAS OF CONFLICT WITH U.C. MAINS.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3 FEET OF COVER OVER ALL PROPOSED WATER, WASTEWATER AND RECLAIMED WATER LINES. REFER TO THE FOLLOWING SECTIONS FROM THE 2011 O.C.U. MANUAL: SECTION 2210, PART 4 - WATER MAINS SECTION 2230, PART 5 - GRAVITY MAINS SECTION 2311, PART 4 - FORCE MAINS SECTION 2510, PART 6 - A - RECLAIMED WATER MAINS.



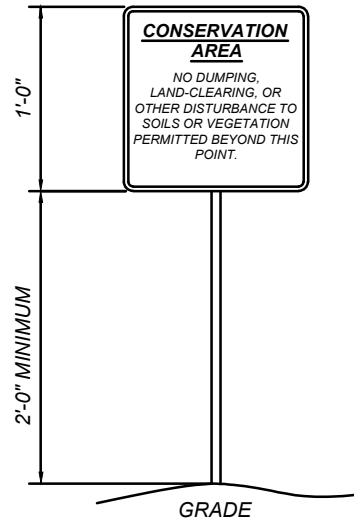
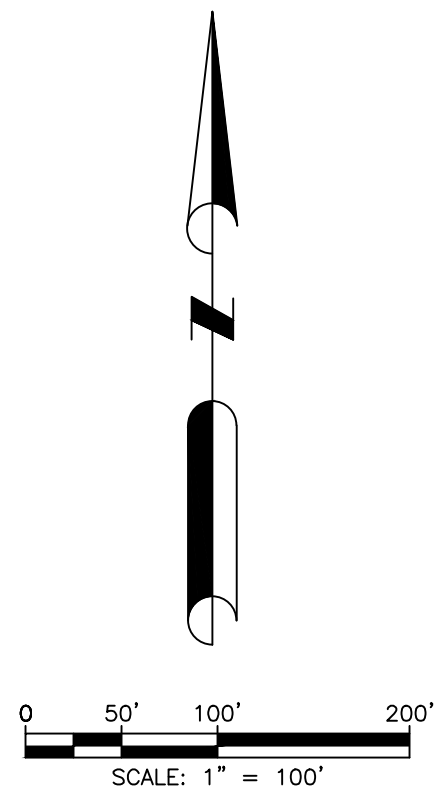
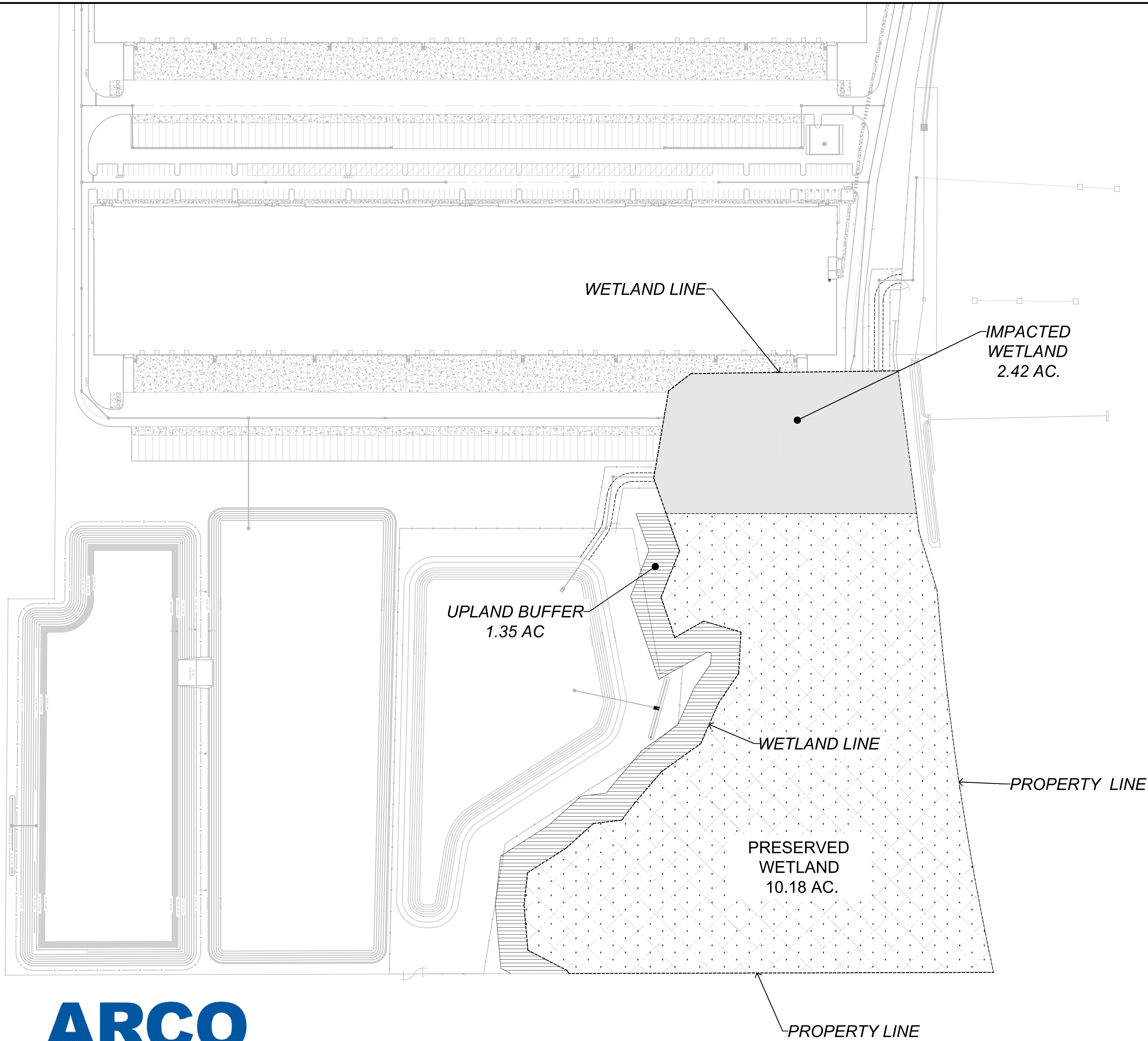
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REVISIONS						DAVE M. SCHMITT FLORIDA REG. NUMBER 48274
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: N/S
SHEET: 02 OF 33

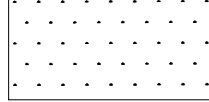
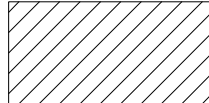
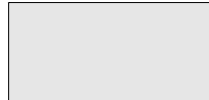
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- NOTES:
1. MINIMUM AVERAGE 50' BUFFER HAS BEEN PROVIDED ON ALL PRESERVED WETLANDS.
 2. CONSERVATION AREA SIGNS TO BE PLACED AT EVERY 50' ALONG THE UPLAND BUFFER LIMITS.

CONSERVATION AREA SIGN DETAIL
NOT TO SCALE

LEGEND

DESCRIPTION	AREA
 WETLAND PRESERVATION AREA	10.18 AC.
 UPLAND BUFFER AREA	1.35 AC.
 WETLAND IMPACT	2.42 AC.



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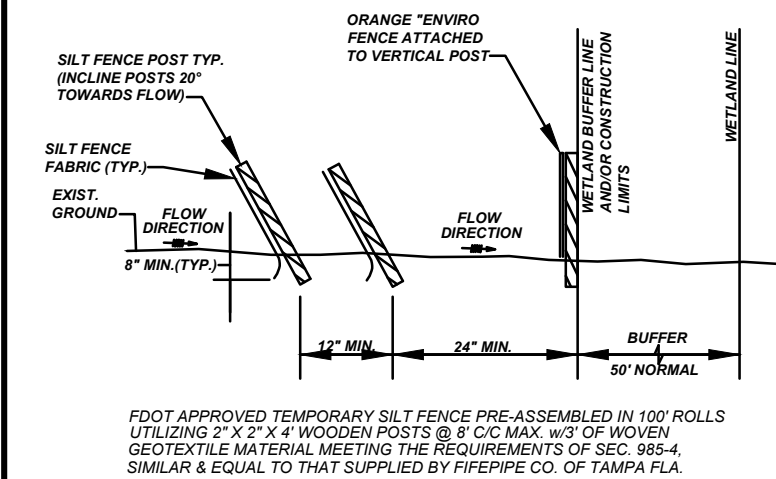
ENVIRONMENTAL CONSIDERATION PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1"=100'
SHEET: 03 OF 33

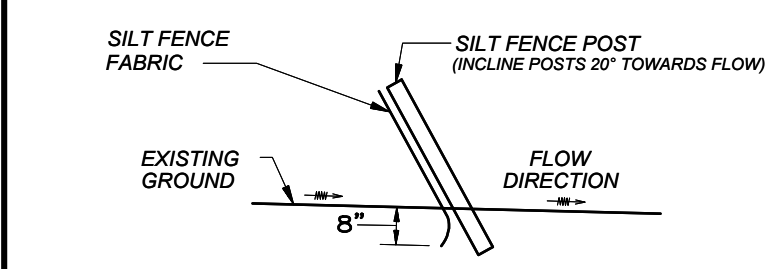
F:\ANC7\CAD\PlanSet\Final\04 EROSION CONTROL & DEMO PLAN.dwg,7/21/2023 9:07:16 AM

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
6. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
7. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
8. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
9. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND ST. JOHNS RIVER WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
10. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL, REFER TO THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.

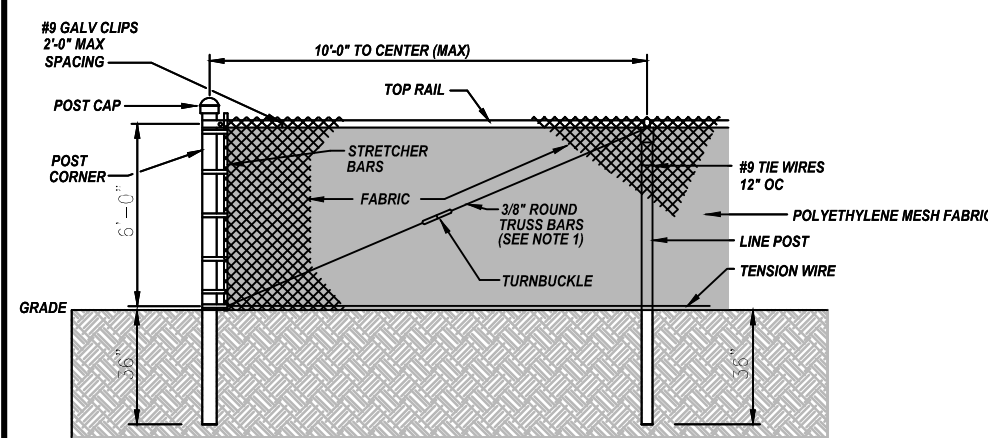
1. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL SHEET FOR TYPICAL CONSTRUCTION.
2. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
3. SOIL SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
4. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
5. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
6. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOIL SOD.
7. ALL DEWATERING, EROSION AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
8. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
9. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRIES, RELATIVE TO COMPLIANCE OF SURVING FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.



TYPICAL DOUBLE SILT FENCE DETAIL
N.T.S.



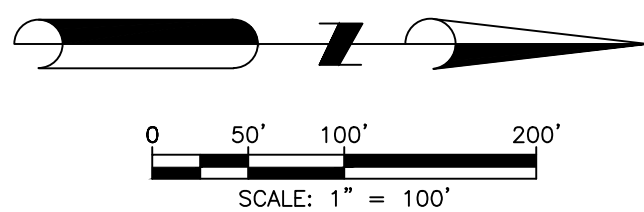
TYPICAL SINGLE ROW SILT FENCE DETAIL



DUST ABATEMENT FENCE DETAIL



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LEGEND

- SINGLE ROW SILT FENCE ————
DOUBLE ROW SILT FENCE ————
TURBIDITY BARRIER ————

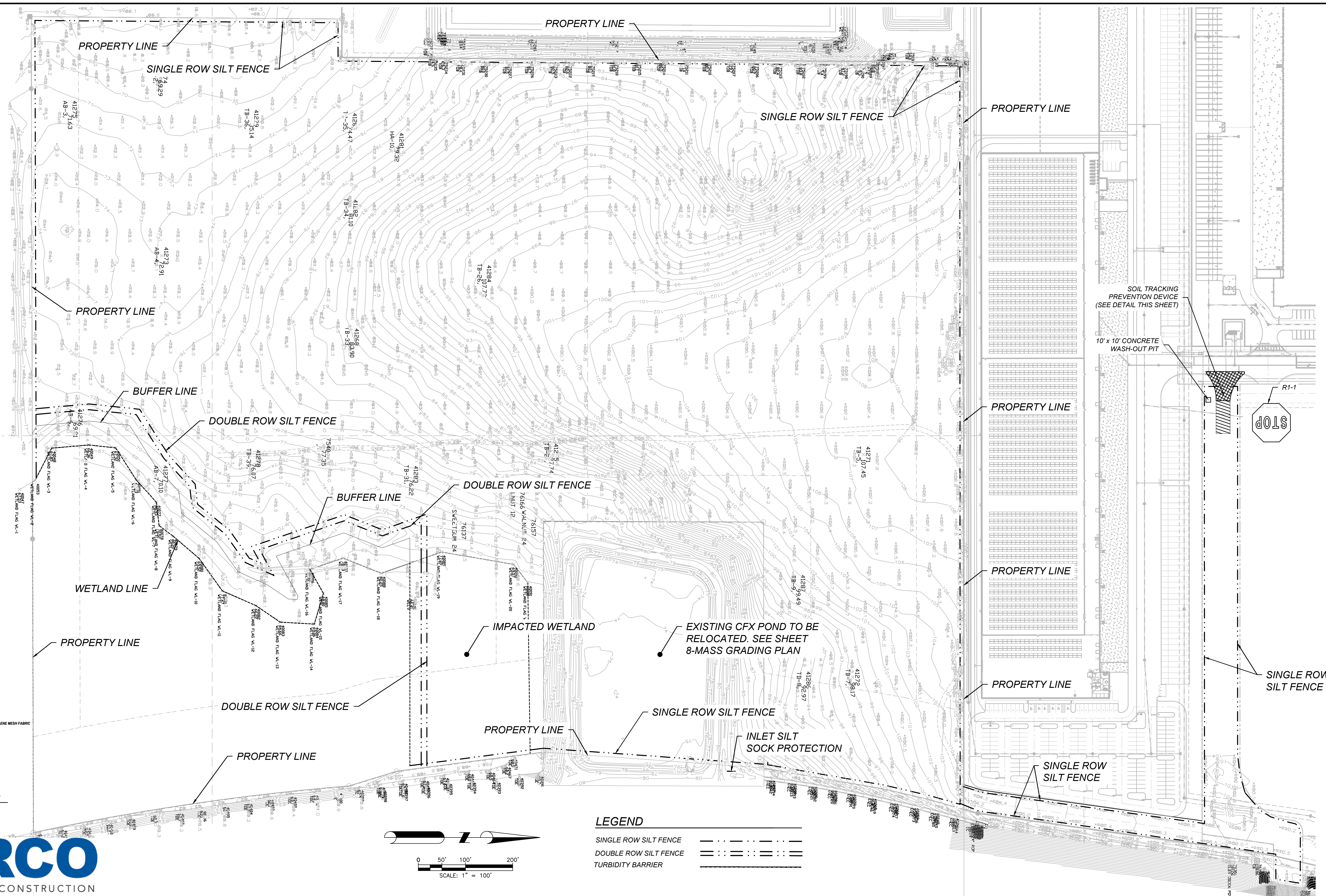
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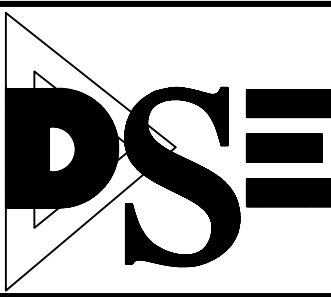
DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

EROSION CONTROL & DEMO PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
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SHEET: 04 OF 33



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STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

OWNER'S REQUIREMENTS

PROJECT NAME AND LOCATION:
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

OWNER NAME AND ADDRESS:
DEVELOPER:
BPG APOPKA PROPERTIES, LLC
1540 GENESSEE STREET
KANSAS CITY, MO. 64102
CONTACT: ERIC WYANKO
PHONE: 913-333-9196
EMAIL: ERIC.WYANKO@BLUESCOPEPROPERTIES.COM

DESCRIPTION:
CONSTRUCTION OF 3 INDUSTRIAL WAREHOUSE FACILITY AND
APPLICABLE INFRASTRUCTURE
SOIL DISTURBING ACTIVITIES WILL INCLUDE:
CLEARING, GRUBBING, EARTHWORK, GRADING, DRAINAGE SYSTEM,
UTILITY SYSTEMS, PAVING AND PREPARATION FOR FINAL PLANTING
AND SEEDING.
RUNOFF CURVE NUMBERS:
1. PRE-CONSTRUCTION = SEE DRAINAGE CALCULATION NOTEBOOK
2. POST-CONSTRUCTION = SEE DRAINAGE CALCULATION NOTEBOOK

SOILS:
SEE SOIL BORING REPORT FOR SOILS DATA

SITE MAPS:
* SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES,
AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATER,
WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL
CONTROLS AND STORM WATER DISCHARGE POINTS.
* SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND
PERMANENT STABILIZATION MEASURES, AND FOR EROSION AND
TURBIDITY CONTROL MEASURES.

SITE AREA:
1. TOTAL AREA OF SITE = 71.53 AC.

NAME OF RECEIVING WATERS:
WET POND
LATITUDE: 28°40'58"N
LONGITUDE: 81°33'52"W
DRY POND
LATITUDE: 28°40'39.74"N
LONGITUDE: 81°33'50.41"W
CITY POND
LATITUDE: 28°40'39.74"N
LONGITUDE: 81°33'47.19"W

CONTROL 1:
1. ANTICIPATED START DATE OF CONSTRUCTION: 07/2023
2. ANTICIPATED END DATE OF CONSTRUCTION: 07/2024
(CONSTRUCTION DATES ARE TO BE FILLED IN PRIOR TO
COMMENCEMENT OF CONSTRUCTION)

TIMING OF CONTROLS/MEASURES

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS CONTROL MEASURES

POLLUTION PREVENTION PLAN CERTIFICATION

F.D.E.P. PERMIT #
S.F.W.M.D. M.S.S.W. PERMIT #
N.P.D.E.S. PERMIT #

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL
ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN
ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED
PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION
SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO
MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR
KNOWING VIOLATIONS.

SIGNED: _____
OWNER/OPERATOR

DATED: _____

GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S
REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE
EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL
UNDER TAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH
APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS.
THE CONTRACTOR MAY BE REQUIRED TO ADDITIONAL MEASURES TO THE
RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL EROSION AND TURBIDITY CONTROLS
2. INSTALL EROSION AND TURBIDITY CONTROLS
3. INSTALL EROSION AND TURBIDITY CONTROLS
4. INSTALL EROSION AND TURBIDITY CONTROLS
5. INSTALL EROSION AND TURBIDITY CONTROLS
6. STOCK PILE TOP SOIL IF REQUIRED

CONTROL 2:
1. ANTICIPATED START DATE OF CONSTRUCTION: 07/2023
2. ANTICIPATED END DATE OF CONSTRUCTION: 07/2024
(CONSTRUCTION DATES ARE TO BE FILLED IN PRIOR TO
COMMENCEMENT OF CONSTRUCTION)

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES
AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT
BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY
OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE
INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE
CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY
CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN
AREA, THE STABILIZATION MEASURES SHALL BE MAINTAINED IN ACCORDANCE
WITH THE PLANS AFTER THE ENTIRE SITE IS STABILIZED. THE
ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS
AND THE EARTH DIKES/WALES WILL BE REGRADED/REMOVED AND STABILIZED
IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND
TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL
PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE
CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY
TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE.
THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN
ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL
MEASURES, AS REQUIRED TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND
LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST
MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS
REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED
TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT
SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROLS
STABILIZATION PRACTICES

1. DISTURBED AREAS SHALL BE PROTECTED BY A BARRIER WHICH MAY BE USED BELOW
FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT
B. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT
C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS

2. BARRIERS SHALL BE MAINTAINED IN THE SITUATION OF A BARRIER WHERE
THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES
SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE
AGAINST WASHOUT.

3. BARRIERS SHALL BE MAINTAINED IN THE SITUATION OF A BARRIER WHERE
THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES
SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE
AGAINST WASHOUT.

ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE

4. BARRIERS SHALL BE MAINTAINED IN THE SITUATION OF A BARRIER WHERE
THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES
SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE
AGAINST WASHOUT.

CONTROLS CONT'D.

OTHER CONTROLS

SPILL PREVENTION CONT'D.

CONTRACTOR'S REQUIREMENTS

MAINT./INSP. PROCEDURES CONT'D.

WASTE DISPOSAL
ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE
COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE
DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT
REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE
TRASH WILL BE Hauled TO A STATE APPROVED LANDFILL. ALL
PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT
PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE
PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE
CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES
THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR
SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE
ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE
MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE
MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE
PRACTICES AND THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO
MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR
SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE
ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS
NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED
AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL
REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING
WASHING OF VEHICLES SHOULD BE CONDUCTED USING PRACTICES THAT
WILL PREVENT DIRECT, UNTREATED DISCHARGES OF WASTEWATER AND
HAZARDOUS WASTES TO SURFACE AND GROUND WATERS. A DESIGNATED
AREA MUST BE CREATED SPECIFICALLY FOR WASHING VEHICLES THAT WILL
BE LAID WITH FILTER FABRIC, CRUSHED STONE (DOT GRAVEL #2 AND UP)
AND COVERED WITH UNBED BERM.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE
PRESENT ONSITE DURING CONSTRUCTION.

- | | | |
|-------------------------------------|---|--|
| ☐ Concrete | ☐ Fertilizers | ☐ Wood |
| ☐ Asphalt | ☐ Petroleum Based Products | ☐ Masonry Blocks |
| ☐ Tar | ☐ Cleaning Solvents | ☐ Roofing Materials |
| ☐ Degreasers | ☐ Paints | ☐ Metal Shuts |
| ☐ | ☐ | ☐ |

MATERIAL MANAGEMENT PRACTICES
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL
BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE
OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING
THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED
ONSITE DURING THE CONSTRUCTION PROJECT.

*AN EFFORT WILL BE MADE TO STORE ONLY ONE PRODUCT REQUIRED TO
DO THE JOB.

*ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY
MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A
ROOF OR OTHER ENCLOSURE.

*PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE
ORIGINAL MANUFACTURER'S LABEL.

*SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS
RECOMMENDED BY THE MANUFACTURER.

*WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE
DISPOSING OF THE CONTAINER.

*MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL
WILL BE FOLLOWED.

*THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS
ONSITE RECEIVE PROPER USE AND DISPOSAL.

*NO MORE THAN 10 ACRES OF THE SITE WILL BE DENuded AT ONE TIME
WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

*ALL CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING
ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF
A 0.5 INCH RAIN EVENT.

*SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT. TEARS TO
SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND
TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

*DIVERSION DIKES/WALES WILL BE INSPECTED AND ANY BREACHES
PROPERLY REPAIRED.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:
ALL CONTAINERS SHALL BE MONITORED FOR LEAKS AND RECEIVE
REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF
LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED
CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES
USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S
RECOMMENDATIONS.

FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS
RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL
BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER.
STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY
PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSPORTED TO A
SEALABLE PLASTIC BIN TO AVOID SPILLS.

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT
REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE
STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING
TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE TRUCKS
WASHING OF VEHICLES SHOULD BE CONDUCTED USING PRACTICES THAT
WILL PREVENT DIRECT, UNTREATED DISCHARGES OF WASTEWATER AND
HAZARDOUS WASTES TO SURFACE AND GROUND WATERS. A DESIGNATED
AREA MUST BE CREATED SPECIFICALLY FOR WASHING VEHICLES THAT WILL
BE LAID WITH FILTER FABRIC, CRUSHED STONE (DOT GRAVEL #2 AND UP)
AND COVERED WITH UNBED BERM.

SPILL CONTROL PRACTICES
IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT
PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE
FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND
CLEANUP:

MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE
CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE
PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP
SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT
IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL
INCLUDE BUT NOT BE LIMITED TO: BROOMS, DUST PANS, MOPS, RAGS,
GLOVES, GOGGLES, LIQUID ABSORBENT (e.g. KITTY LITTER OR EQUAL),
SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY
FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL
WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM
CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE
APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE
SIZE OF THE SPILL. (800.332.0819)

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO
PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP
THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT
CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE
OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.
HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO
WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE
INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE
OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL
PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF
APPLICABLE, IN THE OFFICE TRAILER ONSITE.

MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES
THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE
USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

*NO MORE THAN 10 ACRES OF THE SITE WILL BE DENuded AT ONE TIME
WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

*ALL CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING
ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF
A 0.5 INCH RAIN EVENT.

*SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT. TEARS TO
SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND
TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

*DIVERSION DIKES/WALES WILL BE INSPECTED AND ANY BREACHES
PROPERLY REPAIRED.

*INSPECTIONS SHALL BE CONDUCTED AT A MINIMUM OF EVERY 7 DAYS
OR WITHIN 24 HOURS OF A 0.5" RAIN EVENT.

*THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT
AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10
PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB,
WHICHEVER COMES FIRST.

*TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED
FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

*A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH
INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE
INSPECTOR IS ATTACHED.
THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND
AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL,
STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION
PLANS, OR STORM WATER MANAGEMENT PLANS.
THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM
WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM
THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF
TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS
OF NON-COMPLIANCE.

*THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO
WILL BE RESPONSIBLE FOR THE STORM, MAINTENANCE AND REPAIR
ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE
REPORT.

*PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE
RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE
SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND
MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND
SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES
IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES
WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

*WATER FROM WATER LINE FLUSHING

*PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR
HAZARDOUS MATERIALS HAVE OCCURRED).

*DEWATERING EXCAVATION.

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT
BASIN PRIOR TO DISCHARGE.

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY
WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC
PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL
CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION
PLAN PREPARED THEREUNDER.

RESPONSIBLE FOR DUES	GENERAL CONTRACTOR	SUB-CONTRACTOR	SUB-CONTRACTOR	SUB-CONTRACTOR	SUB-CONTRACTOR	SUB-CONTRACTOR
BUSINESS NAME AND ADDRESS OF CONTRACTOR AT ALL TIMES						
DATE						
SIGNATURE						

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

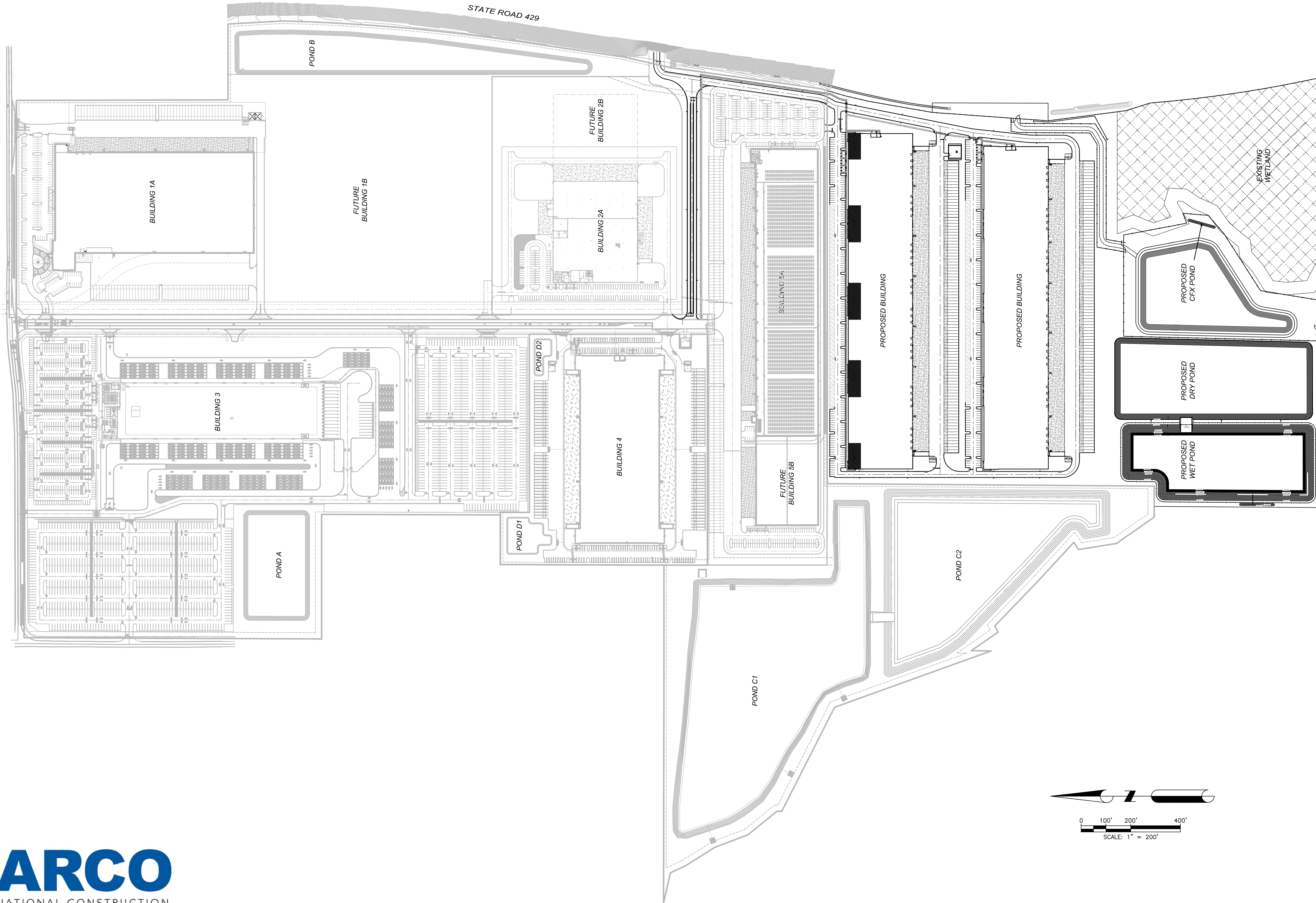
DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

SWPPP

MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: N/S
SHEET: 06 OF 33

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

MASTER SITE PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 200'
SHEET: 07 OF 33

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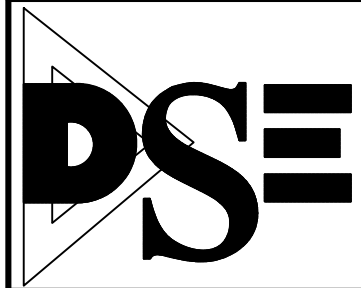
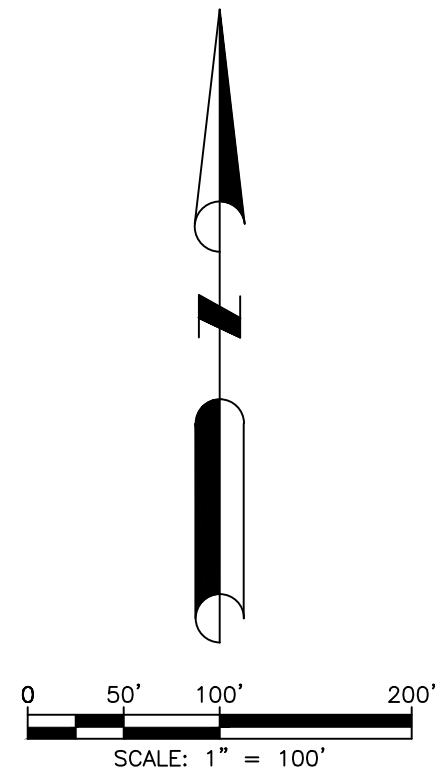
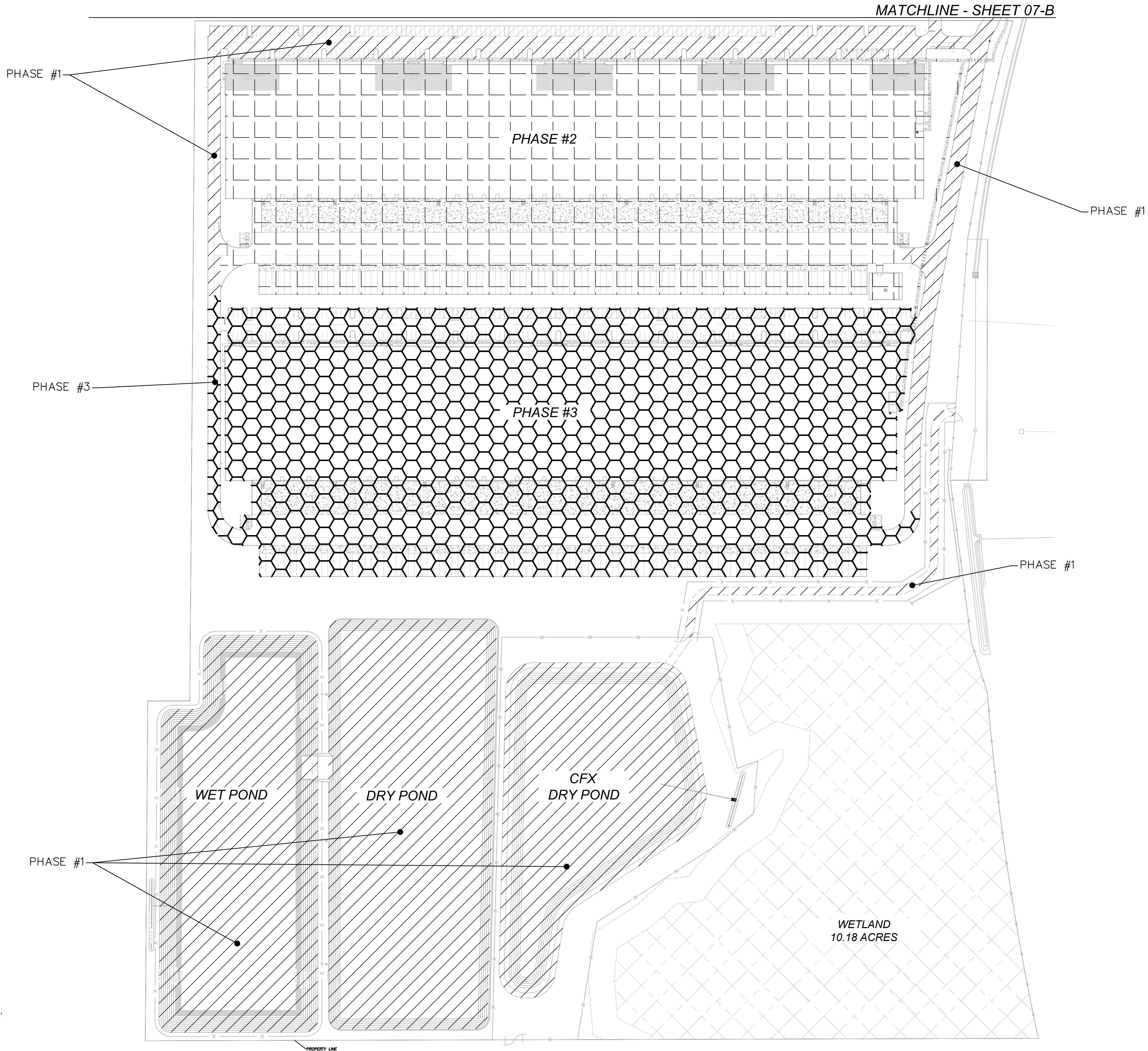
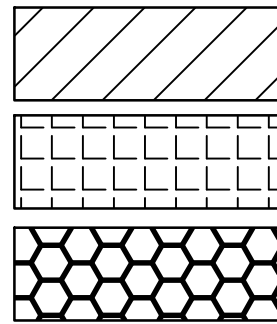
DESCRIPTION

PHASE 1

PHASE 2

PHASE 3

PROPOSED



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PHASING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 07-A OF 33

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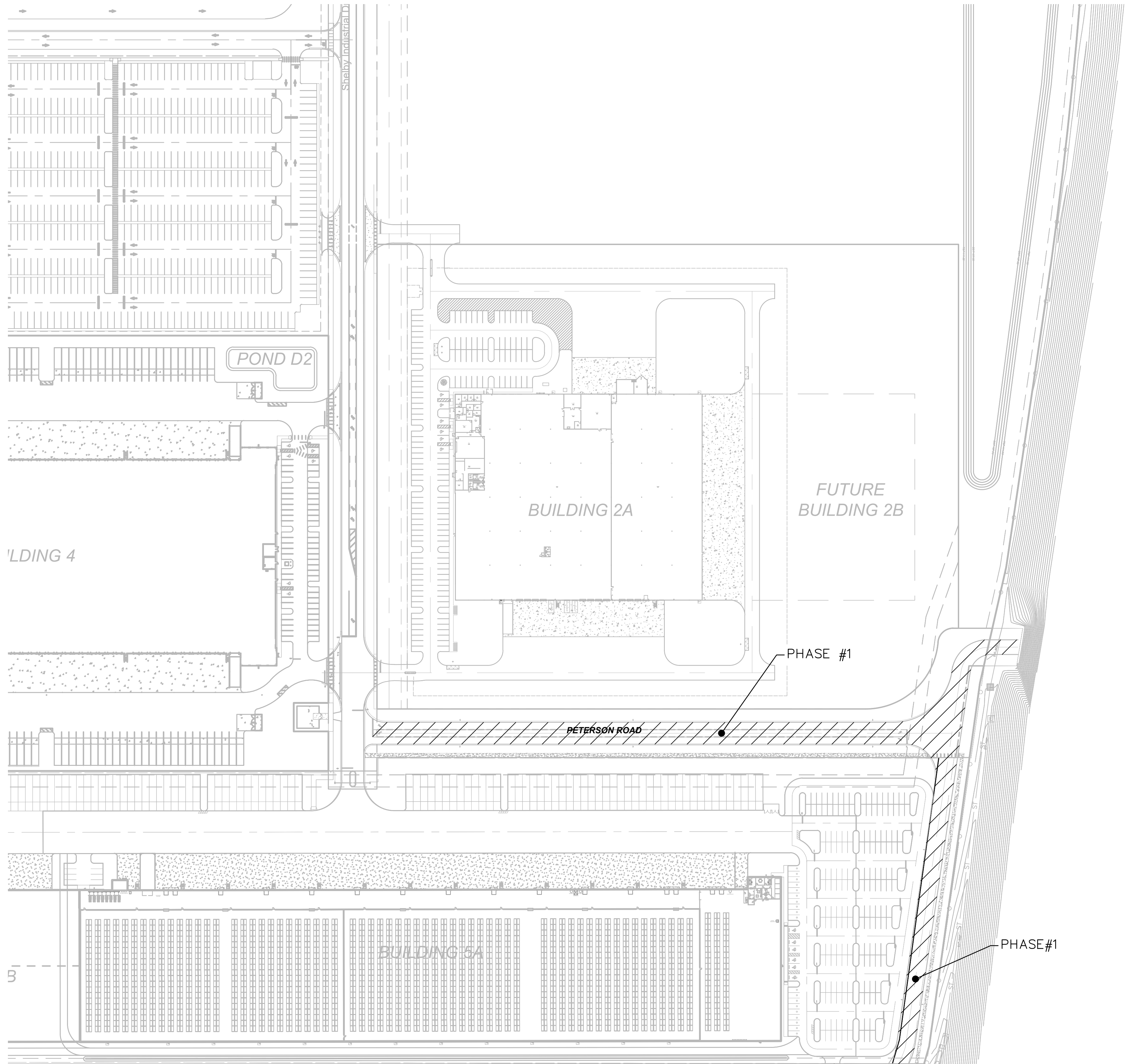
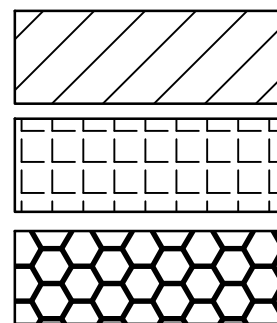
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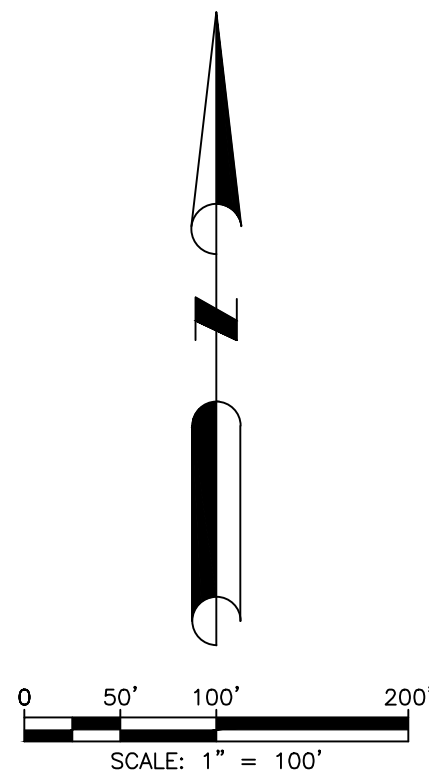
PHASE 2

PHASE 3

PROPOSED



MATCHLINE - SHEET 07-A



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DAVE M. SCHMITT
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OFFSITE PHASING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 07-B OF 33

NOTES

GENERAL:
PROJECT SHALL COMPLY WITH THE LIGHT INDUSTRIAL USE DESIGN STANDARDS SET FORTH IN CITY OF APOPKA LAND DEVELOPMENT CODE.

LANDSCAPING:

ALL LANDSCAPING SHALL MEET OR EXCEED THE REQUIREMENTS OF CITY OF APOPKA LAND DEVELOPMENT CODE.

SITE LIGHTING:

ALL SITE LIGHTING SHALL MEET OR EXCEED THE REQUIREMENTS OF CITY OF APOPKA LAND DEVELOPMENT CODE.

SIGNAGE:

POLE SIGNS, BILLBOARDS AND ALL OTHER SIGNAGE SHALL COMPLY WITH THE CITY OF APOPKA LAND DEVELOPMENT CODE.

EASEMENTS:

ANY EASEMENT SHOWN AS PROPOSED WILL BE RECORDED PRIOR TO ISSUING THE CERTIFICATE OF OCCUPANCY.

UTILITY PROVIDERS

WATER: CITY OF APOPKA
WASTEWATER: CITY OF APOPKA
ELECTRIC: DUKE ENERGY

PHASING

PROJECT WILL BE CONSTRUCTED IN 3 PHASES. SEE PHASING PLANS FOR DETAILS

SOILS

SOIL SYMBOL	SOIL DESCRIPTION
6	CANDLER-APOPKA FINE SANDS, 5 TO 12 PERCENT SLOPES
23	MALABAR FINE SAND, 0 TO 5 PERCENT SLOPES
25	OKELANTA MUCK, 0 TO 5 PERCENT SLOPES
34	POMELO FINE SAND, 0 TO 5 PERCENT SLOPES
42	SANIBEL MUCK, 0 TO 5 PERCENT SLOPES
47	TAVARES-MILLHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES
54	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES

VEGETATION

GENERALIZED VEGETATION BASED UPON THE FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) OR THE NATURAL COMMUNITY TYPES AS DEVELOPED BY THE FLORIDA NATURAL AREAS INVENTORY.

STORMWATER MANAGEMENT

STORMWATER FOR THE PROPERTY WILL BE HANDLED BY ON-SITE POND AS REQUIRED BY CITY OF APOPKA AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT. BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP NO. 12095C0125H EFFECTIVE SEPTEMBER 24, 2021 THE DESCRIBED PROPERTY IS WITHIN ZONE "X" AND ZONE "AE" WITH BASE FLOOD ELEVATION HAS BEEN ESTABLISHED.



TRAFFIC ANALYSIS

PER 11TH EDITION ITE TRIP GENERATION MANUAL - LAND USE WAREHOUSE (150) - 1,364 ADT 151 PM PEAK HOUR TRIP. (27 % IN AND 73% OUT)

BUILDING DATA

BUILDING FOOTPRINT AREA: 691,016 S.F.
MAX. BUILDING HEIGHT: 45 FT.
MAX. FLOOR AREA RATIO: 0.40 FAR

YARD SETBACKS

REQUIRED:
FRONT: 10 FT.
SIDES: 10FT (30 Ft when adjacent to a residential use or District)
REAR: 10 FT (30 Ft when adjacent to a residential use or District)

SITE DATA

TOTAL GROSS AREA: 71.3 AC.
EXISTING ZONING: I-L
ADJACENT ZONING: PUD
NORTH: A-1
EAST: CONSERVATION
SOUTH: PUD
WEST: INDUSTRIAL
FLU

REQUIRED OPEN-SPACE: 3.6 AC. 5%
PROPOSED OPEN-SPACE: 10.02 AC. 14.17%
PERVIOUS AREA: 33.77 AC. 47.75%
IMPERVIOUS AREA: 36.94 AC. 52.25%
TOTAL GROSS AREA: 70.71 AC. 100.00%

BOTTOM OF DRY POND AREA: 4.78 AC.
BOTTOM OF CFX POND AREA: 2.523 AC.
LIFT STATION TRACT AREA: 0.0764 AC.
IMPERVIOUS WETLAND AREA: 10.130 AC.

PARKING CALC'S

PARKING REQUIREMENT:
2 PS / 1,000 SF OF OFFICES + 1 PS / 600 SF UP TO 3,000 SF, THEN 1/ ADDITIONAL 3,000 SF (ADA) 8 PARKING REQUIRED FOR (301-400 PS)

FOR 352,268 SF OF BUILDING # 1
10% OFFICES = 35,226 SF @ 2PS/1000 SF = 72 SPACES
DISTRIBUTION= 317,041 SF @ 1PS/600 UP TO 3,000 SF, AND THEN 1/ADDITIONAL 3,000 SF = 110 SPACES.

TOTAL SPACES REQUIRED = 110 SPACES + 72 SPACES
=182 SPACES / BUILDING

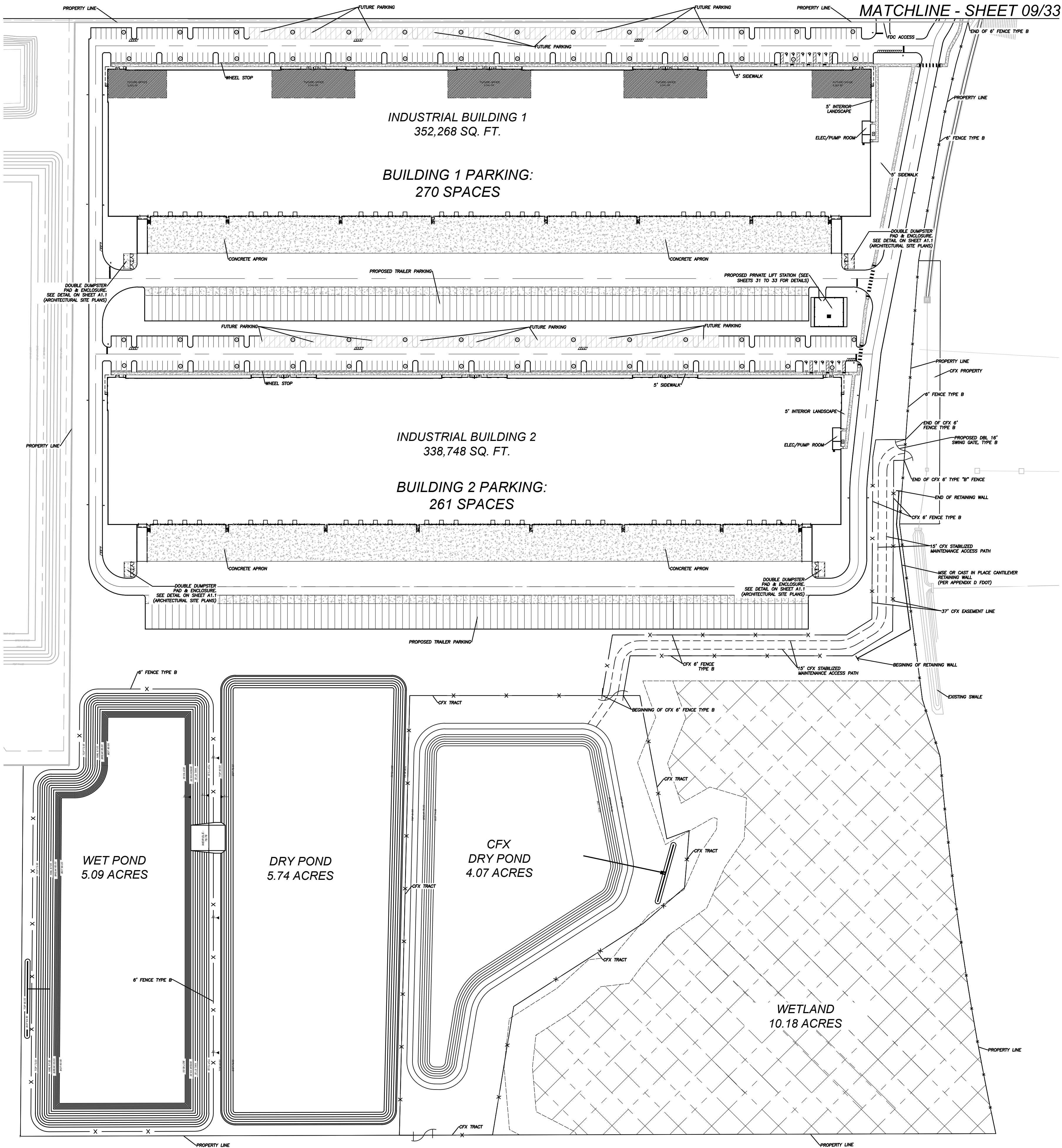
FOR 338,748 OF BUILDING # 2
10% OFFICES = 33,875 SF @ 2PS/1000 SF = 68 SPACES
DISTRIBUTION= 304,873 SF @ 1PS/600 UP TO 3,000 SF, AND THEN 1/ADDITIONAL 3,000 SF = 106 SPACES.

TOTAL SPACES REQUIRED = 106 SPACES + 68 SPACES
= 174 SPACES / BUILDING

TOTAL SPACES REQUIRED = 182 PS + 174 PS = 356 SPACES
TOTAL ADA SPACES REQUIRED = 8 SPACES

PARKING REQUIRED:
REGULAR SPACES = 356 SPACES
HANDICAP SPACES = 8 SPACES
TOTAL PARKING REQUIRED = 364 SPACES

PARKING PROVIDED:
REGULAR SPACES = 356 SPACES
FUTURE PARKING SPACES = 164 SPACES
TRAILER PARKING SPACES = 196 SPACES
HANDICAP SPACES = 11 SPACES
TOTAL PARKING PROVIDED = 727 SPACES



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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

OVERALL SITE PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 08 OF 33

NOTES

GENERAL:
PROJECT SHALL COMPLY WITH THE LIGHT INDUSTRIAL USE DESIGN STANDARDS SET FORTH IN CITY OF APOPKA LAND DEVELOPMENT CODE.

LANDSCAPING:

ALL LANDSCAPING SHALL MEET OR EXCEED THE REQUIREMENTS OF CITY OF APOPKA LAND DEVELOPMENT CODE.

SITE LIGHTING:

ALL SITE LIGHTING SHALL MEET OR EXCEED THE REQUIREMENTS OF CITY OF APOPKA LAND DEVELOPMENT CODE.

SIGNAGE:

POLE SIGNS, BILLBOARDS AND ALL OTHER SIGNAGE SHALL COMPLY WITH THE CITY OF APOPKA LAND DEVELOPMENT CODE.

EASEMENTS:

ANY EASEMENT SHOWN AS PROPOSED WILL BE RECORDED PRIOR TO ISSUING THE CERTIFICATE OF OCCUPANCY.

UTILITY PROVIDERS

WATER: CITY OF APOPKA
WASTEWATER: CITY OF APOPKA
ELECTRIC: DUKE ENERGY

PHASING

PROJECT WILL BE CONSTRUCTED IN 3 PHASES. SEE PHASING PLANS FOR DETAILS

SOILS

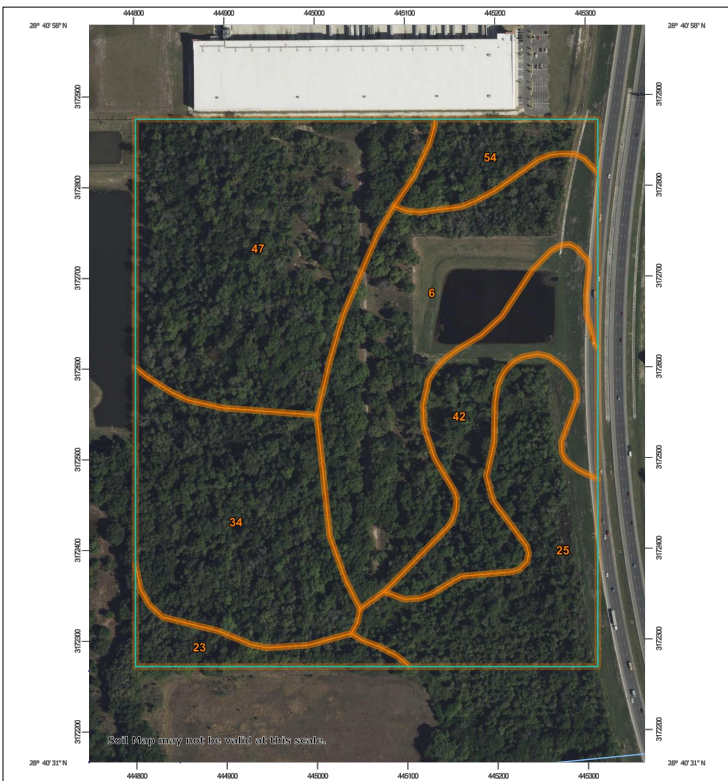
SOIL SYMBOL	SOIL DESCRIPTION
6	CANDLER-APOPKA FINE SANDS, 5 TO 12 PERCENT SLOPES
23	MALABAR FINE SAND, 0 TO 5 PERCENT SLOPES
25	OKELANTA MUCK, 0 TO 5 PERCENT SLOPES
34	POMELO FINE SAND, 0 TO 5 PERCENT SLOPES
42	SANIBEL MUCK, 0 TO 5 PERCENT SLOPES
47	TAVARES-MILLHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES
54	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES

VEGETATION

GENERALIZED VEGETATION BASED UPON THE FLORIDA LAND USE, COVER AND FORMS CLASSIFICATION SYSTEM (FLUCFCS) OR THE NATURAL COMMUNITY TYPES AS DEVELOPED BY THE FLORIDA NATURAL AREAS INVENTORY.

STORMWATER MANAGEMENT

STORMWATER FOR THE PROPERTY WILL BE HANDLED BY ON-SITE POND AS REQUIRED BY CITY OF APOPKA AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT. BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP NO. 12095C0125H EFFECTIVE SEPTEMBER 24, 2021 THE DESCRIBED PROPERTY IS WITHIN ZONE "X" AND ZONE "AE" WITH BASE FLOOD ELEVATION HAS BEEN ESTABLISHED.



TRAFFIC ANALYSIS

PER 11TH EDITION ITE TRIP GENERATION MANUAL - LAND USE WAREHOUSE (150) - 1,364 ADT 151 PM PEAK HOUR TRIP. (27 % IN AND 73% OUT)

BUILDING DATA

BUILDING FOOTPRINT AREA: 691,016 S.F.
MAX. BUILDING HEIGHT: 45 FT.
MAX. FLOOR AREA RATIO: 0.40 FAR

YARD SETBACKS

REQUIRED:
FRONT: 10 FT.
SIDES: 10FT (30 Ft when adjacent to a residential use or District)
REAR: 10 FT (30 Ft when adjacent to a residential use or District)

SITE DATA

TOTAL GROSS AREA:	71.3 AC.
EXISTING ZONING:	I-L
ADJACENT ZONING:	
NORTH:	PUD
EAST:	A-1
SOUTH:	CONSERVATION
WEST:	PUD
FLU:	INDUSTRIAL
REQUIRED OPEN-SPACE:	3.6 AC. 5%
PROPOSED OPEN-SPACE:	10.02 AC. 14.17%
PERVIOUS AREA:	33.77 AC. 47.75%
IMPERVIOUS AREA:	36.94 AC. 52.25%
TOTAL GROSS AREA:	70.71 AC. 100.00%

BOTTOM OF DRY POND AREA:	4.78 AC.
BOTTOM OF CFX POND AREA:	2.523 AC.
LIFT STATION TRACT AREA:	0.0764 AC.
IMPERVIOUS WETLAND AREA:	10.130 AC.

PARKING CALC'S

PARKING REQUIREMENT:
2 PS / 1,000 SF OF OFFICES + 1 PS / 600 SF UP TO 3,000 SF, THEN 1/ ADDITIONAL 3,000 SF (ADA) 8 PARKING REQUIRED FOR (301-400 PS)

FOR 352,268 SF OF BUILDING # 1
10% OFFICES = 35,226 SF @ 2PS/1000 SF = 72 SPACES
DISTRIBUTION= 317,041 SF @ 1PS/600 UP TO 3,000 SF, AND THEN 1/ADDITIONAL 3,000 SF = 110 SPACES.

TOTAL SPACES REQUIRED = 110 SPACES + 72 SPACES
=182 SPACES / BUILDING

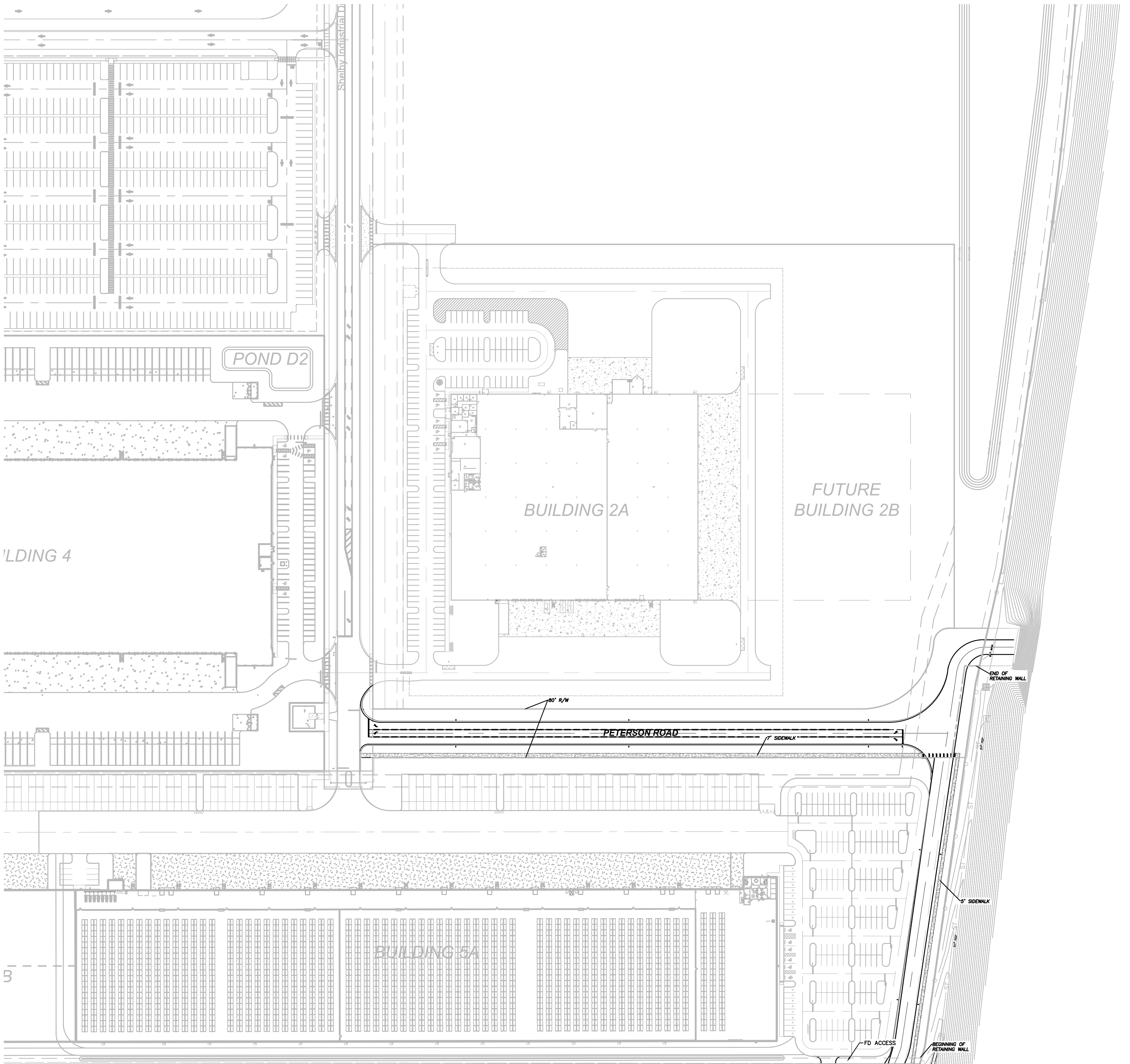
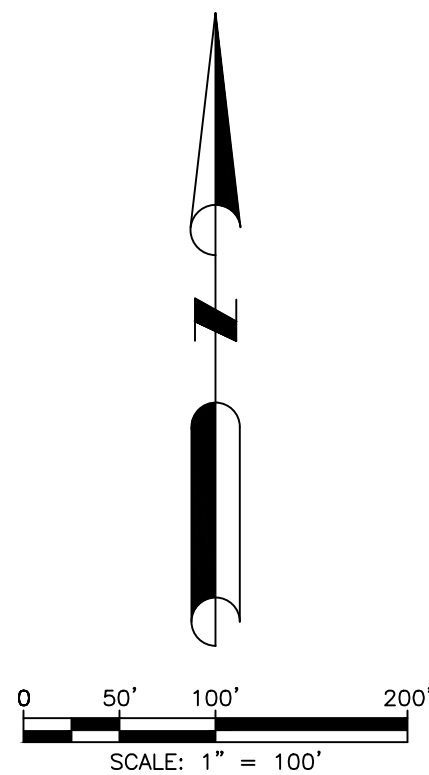
FOR 338,748 OF BUILDING # 2
10% OFFICES = 33,875 SF @ 2PS/1000 SF = 68 SPACES
DISTRIBUTION= 304,873 SF @ 1PS/600 UP TO 3,000 SF, AND THEN 1/ADDITIONAL 3,000 SF = 106 SPACES.

TOTAL SPACES REQUIRED = 106 SPACES + 68 SPACES
= 174 SPACES / BUILDING

TOTAL SPACES REQUIRED = 182 PS + 174 PS = 356 SPACES
TOTAL ADA SPACES REQUIRED = 8 SPACES

PARKING REQUIRED:
REGULAR SPACES = 356 SPACES
HANDICAP SPACES = 8 SPACES
TOTAL PARKING REQUIRED = 364 SPACES

PARKING PROVIDED:
REGULAR SPACES = 356 SPACES
FUTURE PARKING SPACES = 164 SPACES
TRAILER PARKING SPACES = 196 SPACES
HANDICAP SPACES = 11 SPACES
TOTAL PARKING PROVIDED = 727 SPACES



MATCHLINE - SHEET 08/33



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Certification of Authorization #27471

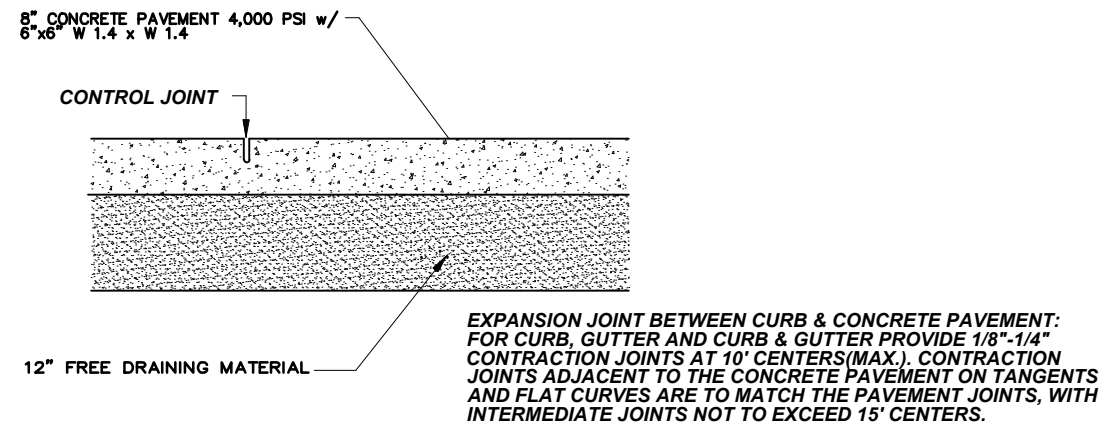
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
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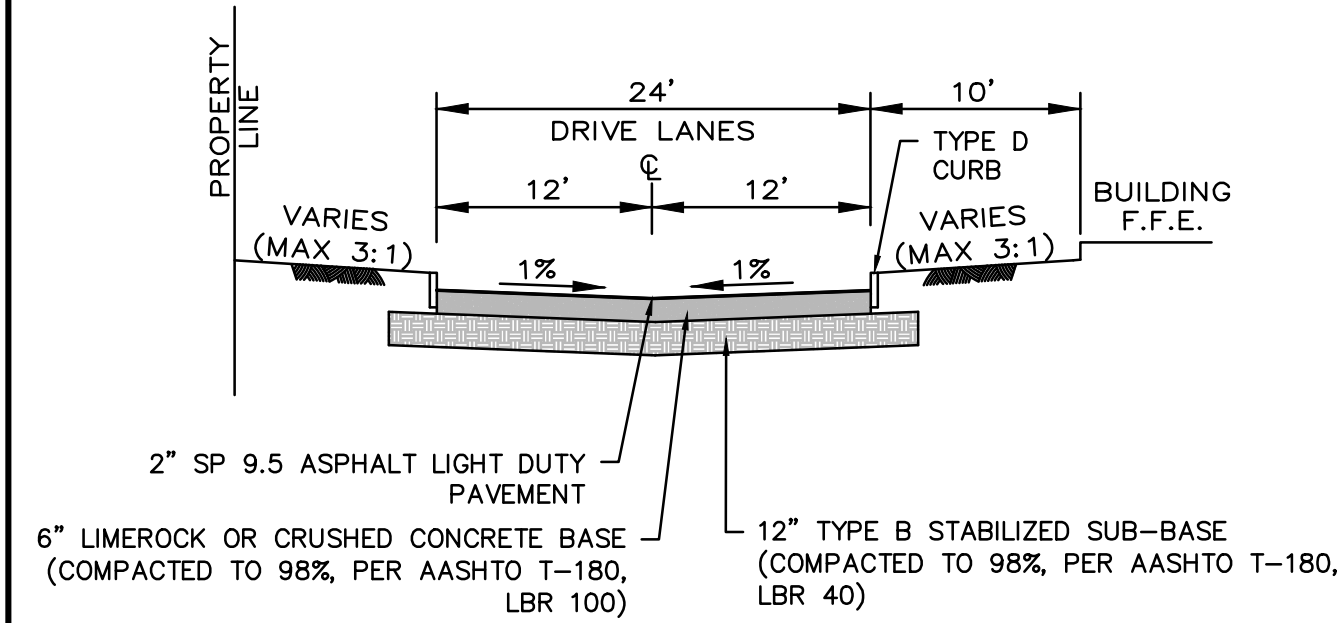
OVERALL OFFSITE PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 09 OF 33

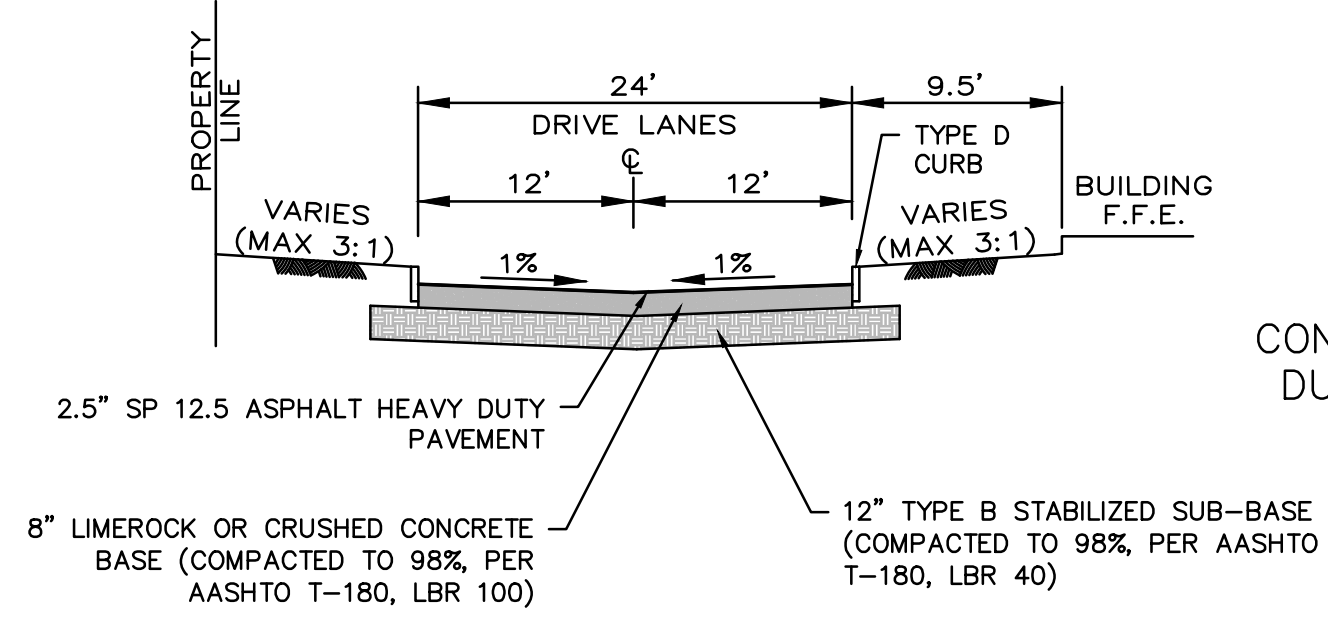
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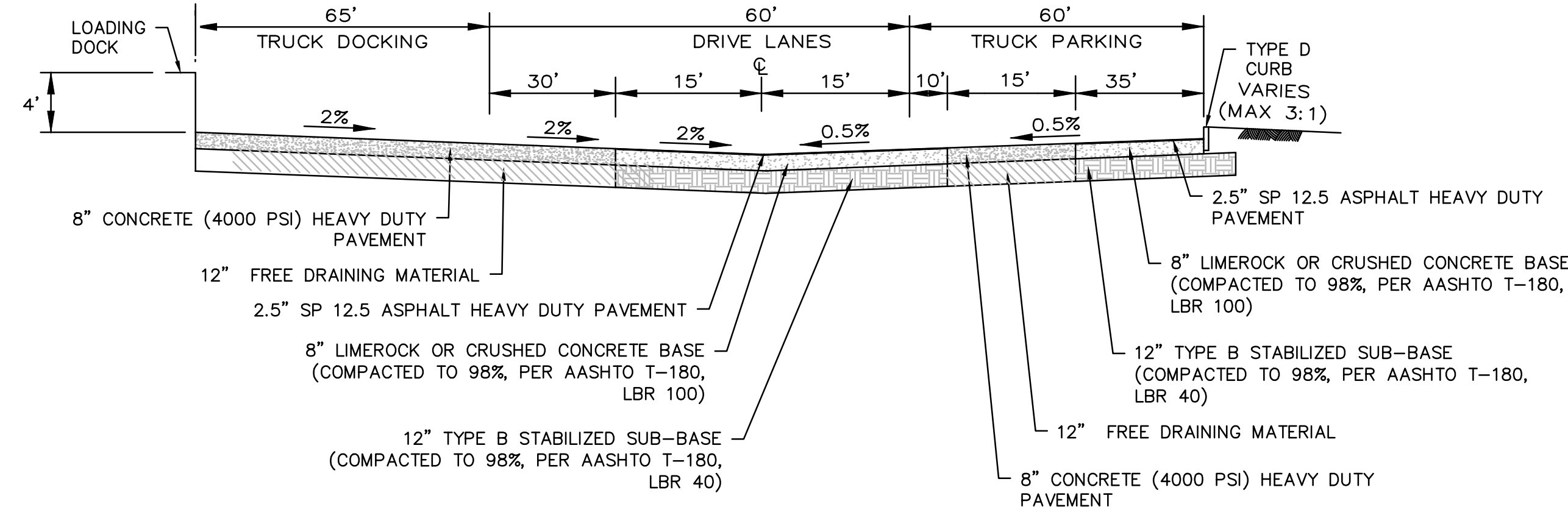
TYPICAL CONCRETE PAVEMENT SECTION



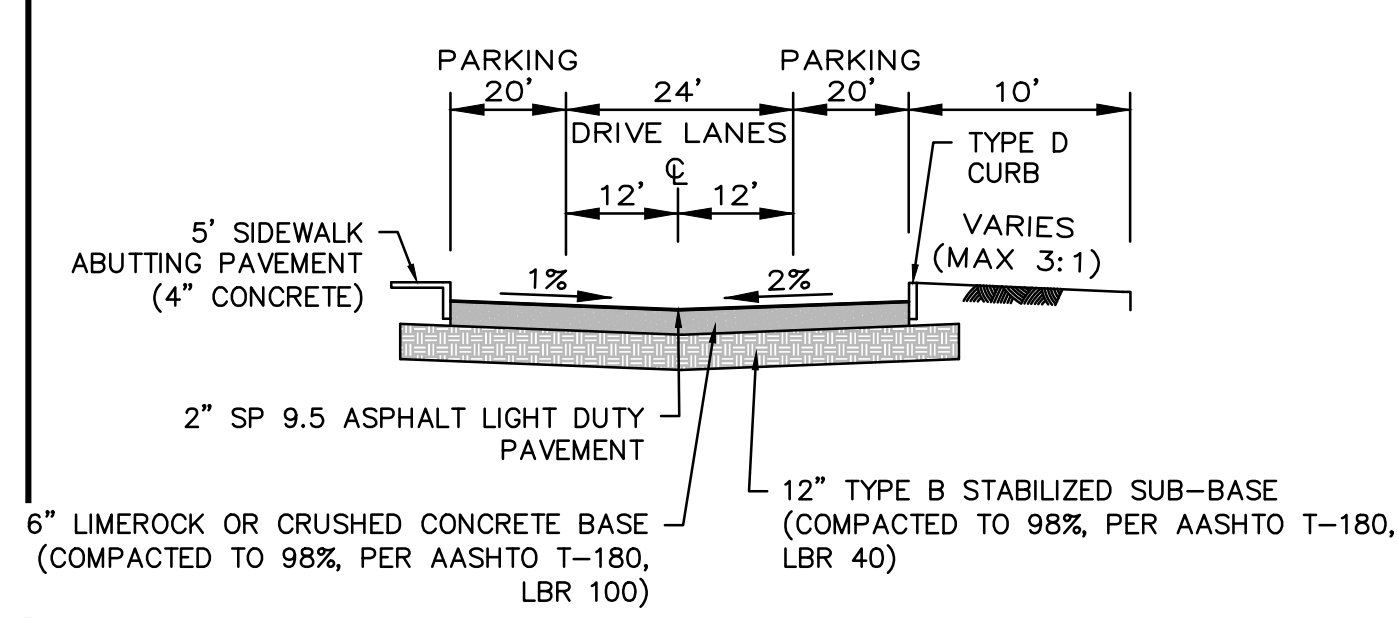
ROADWAY SECTION A-A



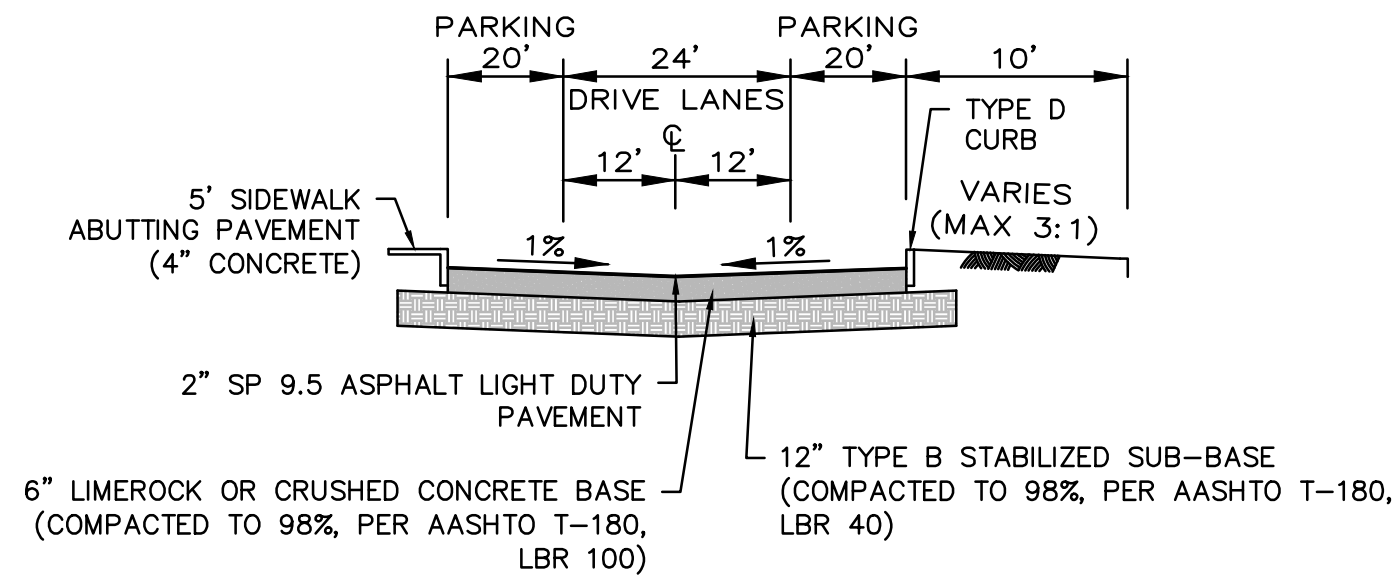
ROADWAY SECTION B-B



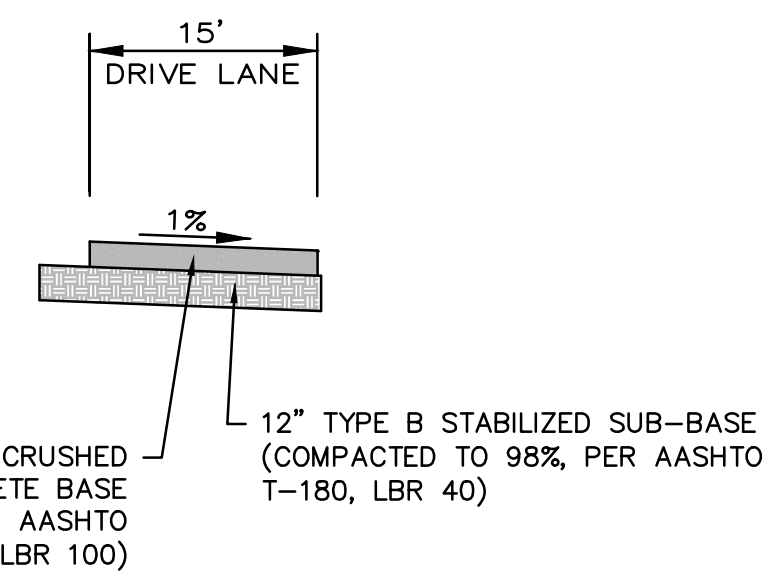
ROADWAY SECTION C-C



ROADWAY SECTION D-D



ROADWAY SECTION E-E



CFX ACCESS SECTION

LEGEND

DESCRIPTION

PROPOSED

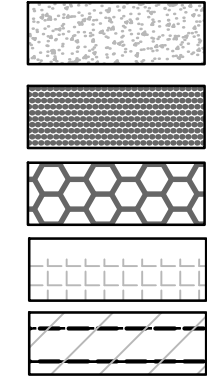
CONCRETE HEAVY DUTY PAVEMENT

ASPHALT HEAVY DUTY PAVEMENT

ASPHALT LIGHT DUTY PAVEMENT

CFX ACCESS ROAD

ASPHALT HEAVY DUTY PAVEMENT
(PETERSON ROAD)



CONCRETE HEAVY DUTY PAVEMENT

ASPHALT EIGHT DUTY PAVEMENT

ASPHALT LIGHT DUTY PAVEMENT

CONCRETE HEAVY DUTY PAVEMENT

ASPHALT HEAVY DUTY PAVEMENT

CONCRETE HEAVY DUTY PAVEMENT

ASPHALT HEAVY DUTY PAVEMENT

ASPHALT LIGHT DUTY PAVEMENT

ASPHALT LIGHT DUTY PAVEMENT

ASPHALT HEAVY DUTY PAVEMENT

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ASPHALT HEAVY DUTY PAVEMENT

CONCRETE HEAVY DUTY PAVEMENT

CONCRETE HEAVY DUTY PAVEMENT

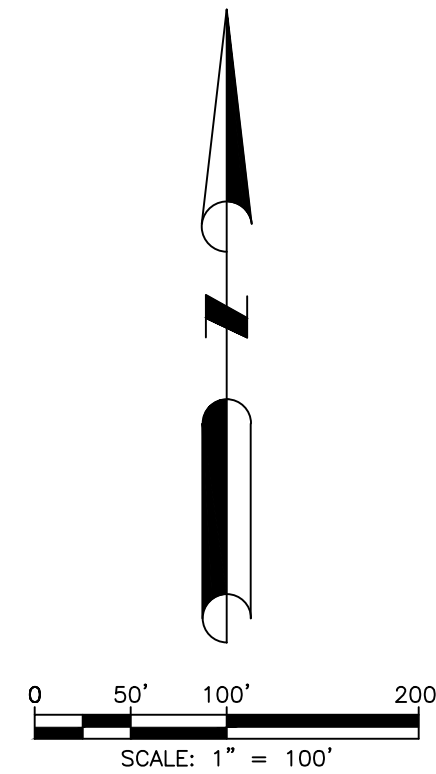
CFX STABILIZED ACCESS

WET POND
5.09 ACRES

DRY POND
5.74 ACRES

CFX
DRY POND
4.07 ACRES

WETLAND
10.18 ACRES



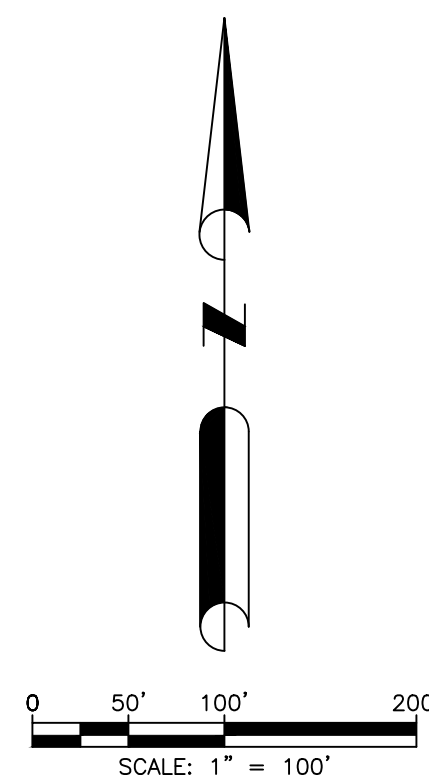
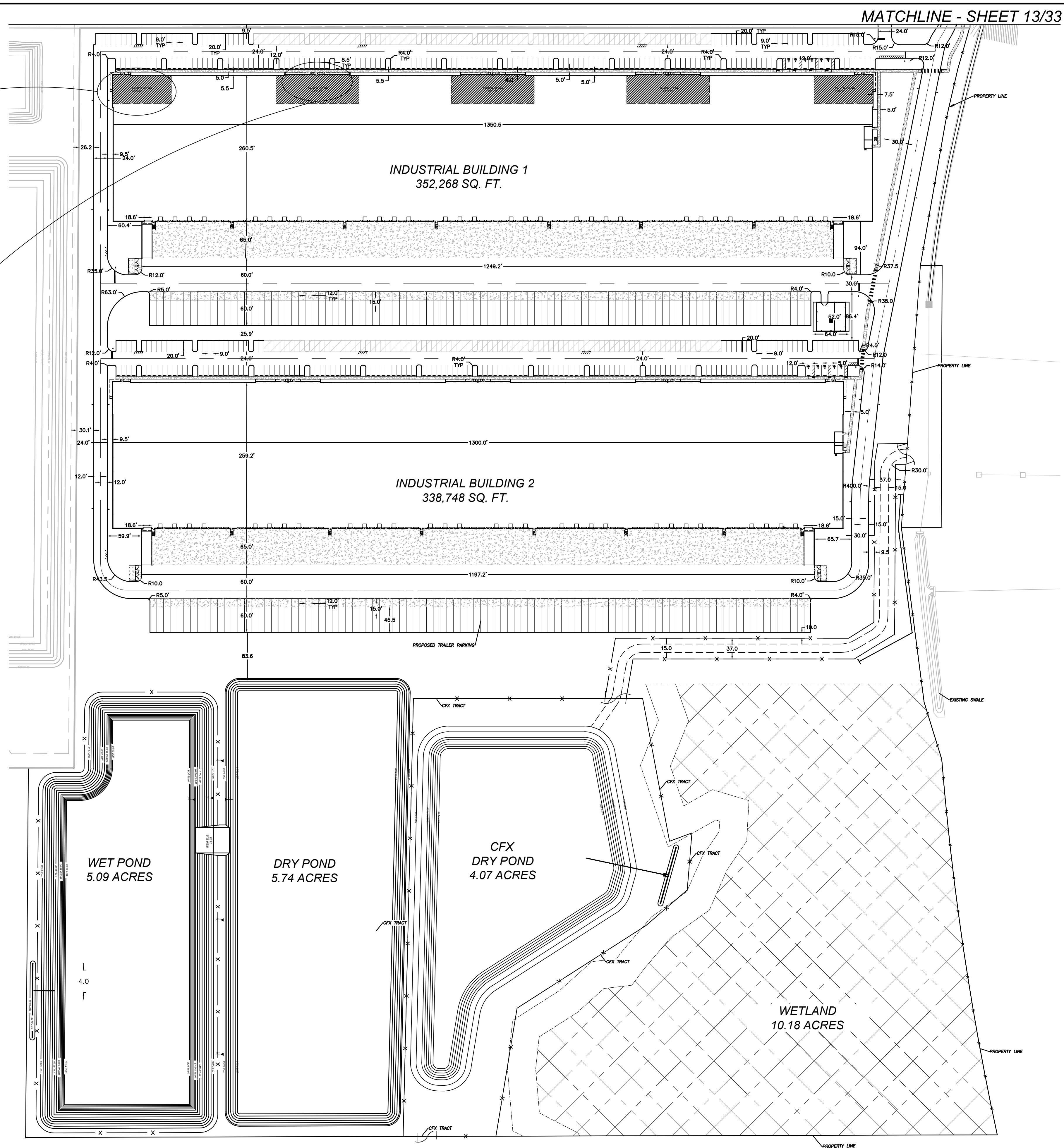
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Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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FLORIDA REG. NUMBER
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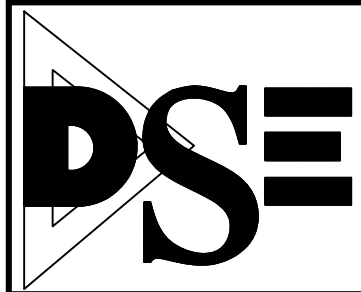
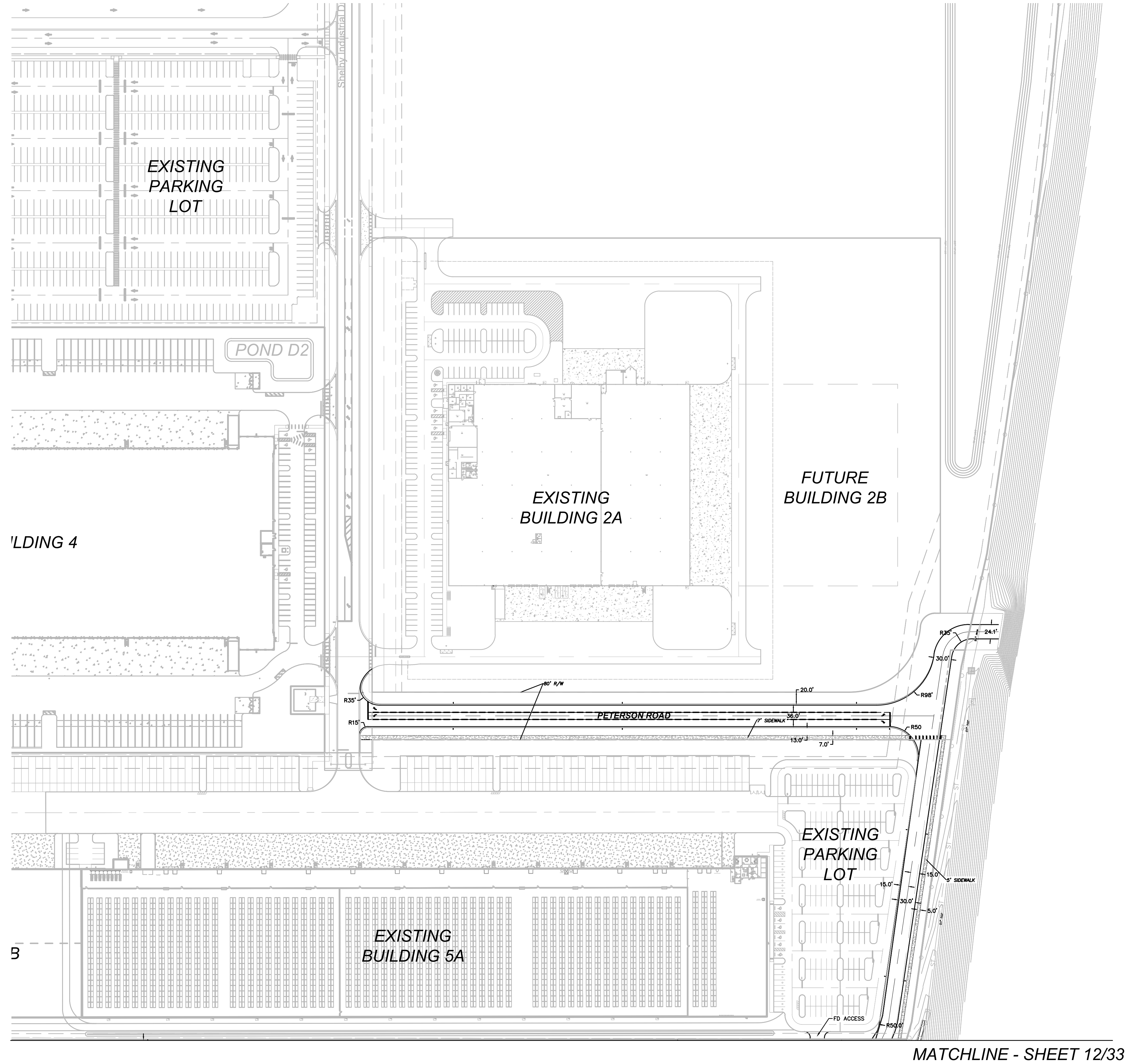
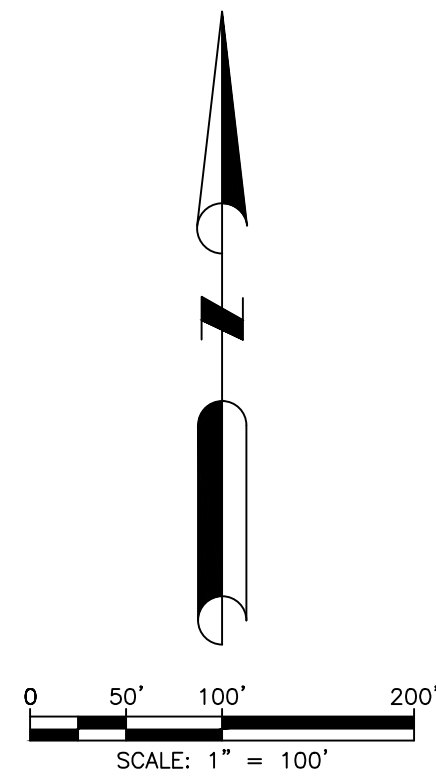
PAVING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 10 OF 33

[illegible]

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 12 OF 33

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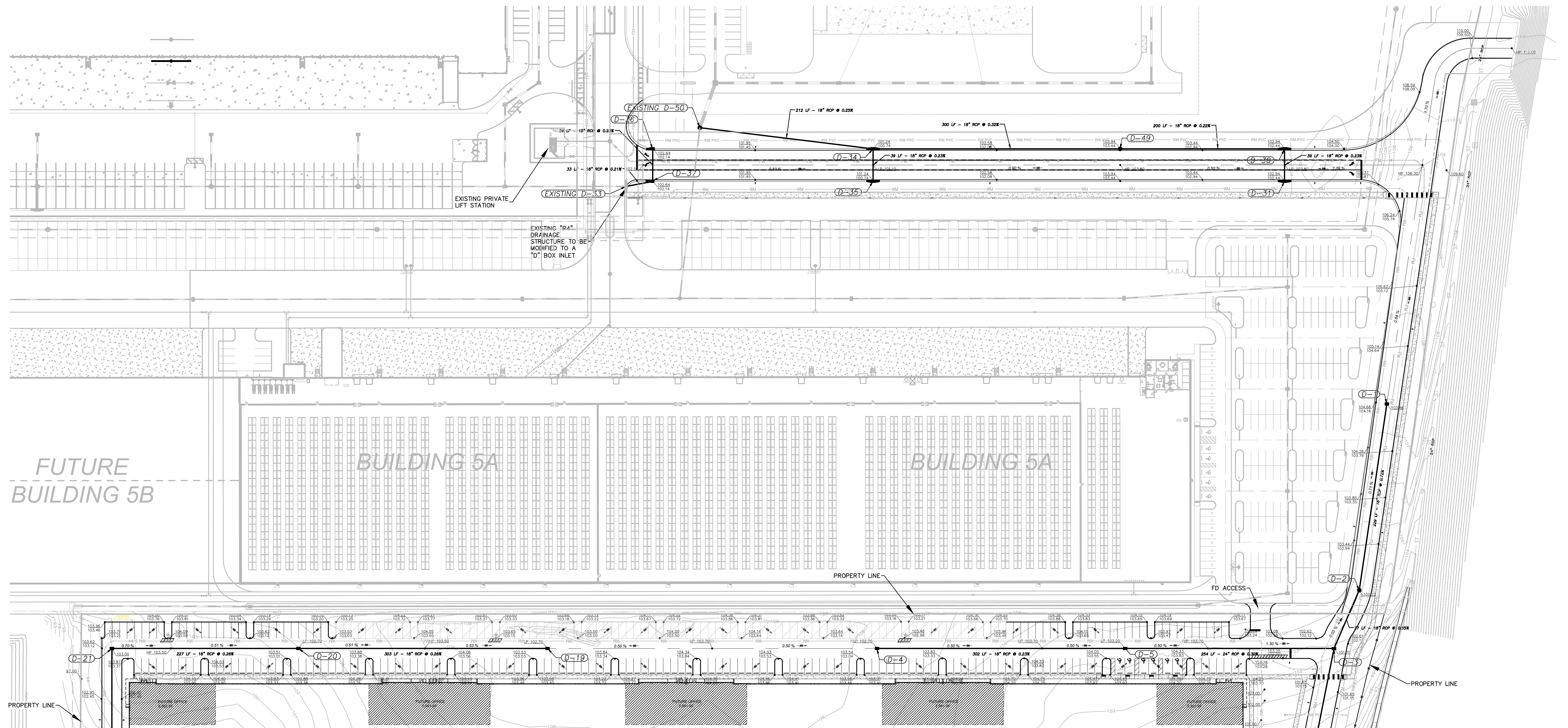
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Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
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DIMENSION PLAN-2
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 13 OF 33

DRAINAGE STRUCTURE DATA

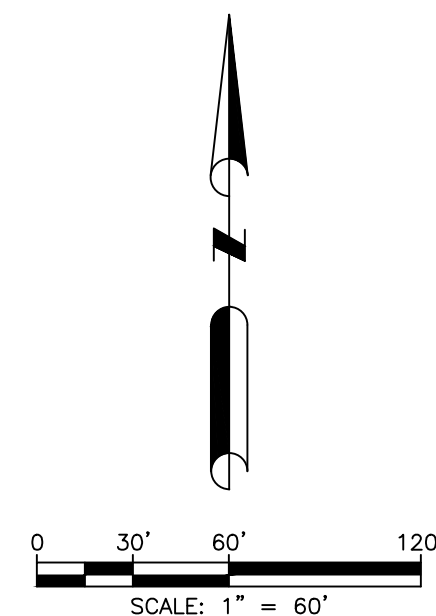
MATCHLINE - SHEET 15/33

D-1 TYPE "C" INLET N: 1581304.74 E: 4768269.27 TOP EL: 103.86 S INV EL: 99.15	D-2 DRAINAGE MANHOLE N: 1581077.95 E: 4768586.15 TOP EL: 102.22 N INV EL: 97.51 SW INV EL: 97.41	D-3 TYPE "C" INLET N: 1581007.73 E: 4768565.57 TOP EL: 101.70 NE INV EL: 96.99 W INV EL: 96.45 S INV EL: 95.90	D-4 TYPE "C" INLET N: 1581007.73 E: 4768010.22 TOP EL: 102.70 NE INV EL: 97.99 W INV EL: 96.45 S INV EL: 95.90	D-5 TYPE "C" INLET N: 1581007.53 E: 476311.94 TOP EL: 102.70 W INV EL: 97.99 E INV EL: 97.20	D-19 TYPE "C" INLET N: 1581007.73 E: 476808.77 TOP EL: 102.70 W INV EL: 97.99 E INV EL: 97.20	D-20 TYPE "C" INLET N: 1581007.73 E: 475307.02 TOP EL: 103.00 E INV EL: 97.20 W INV EL: 97.10	D-21 TYPE "C" INLET N: 1581007.73 E: 475808.29 TOP EL: 103.00 E INV EL: 96.50 S INV EL: 96.40	D-30 TYPE "P5" INLET N: 1581614.52 E: 476805.49 TOP EL: 102.94 S INV EL: 98.94 W INV EL: 98.04
D-31 TYPE "P5" INLET N: 1581575.35 E: 476505.49 TOP EL: 102.94 N INV EL: 98.23	D-34 TYPE "P5" INLET N: 1581614.52 E: 476805.36 TOP EL: 101.24 S INV EL: 96.44 W INV EL: 96.53 W INV EL: 96.34	D-35 TYPE "P5" INLET N: 1581575.35 E: 476805.36 TOP EL: 101.24 N INV EL: 96.53	D-36 TYPE "P5" INLET N: 1581614.19 E: 475737.61 TOP EL: 102.69 S INV EL: 98.15	D-37 TYPE "P5" INLET N: 1581575.69 E: 475737.61 TOP EL: 101.24 W INV EL: 98.06 E INV EL: 98.06	D-42 DRAINAGE MANHOLE N: 1581614.52 E: 476305.72 TOP EL: 103.44 E INV EL: 97.60 W INV EL: 97.50	EXISTING D-33 DRAINAGE MANHOLE N: 1581568.96 E: 475705.19 TOP EL: 102.80 E INV EL: 97.99	EXISTING D-50 DRAINAGE MANHOLE N: 1581640.27 E: 475794.82 TOP EL: 100.34 E INV EL: 95.80	

LEGEND

<u>DESCRIPTION</u>	<u>PROPOSED</u>
SANITARY SEWER SYSTEM	
STORM SEWER SYSTEM	
WATER SYSTEM	
FIRE HYDRANT	
CONTOUR	
DIRECTION OF SURFACE FLOW	

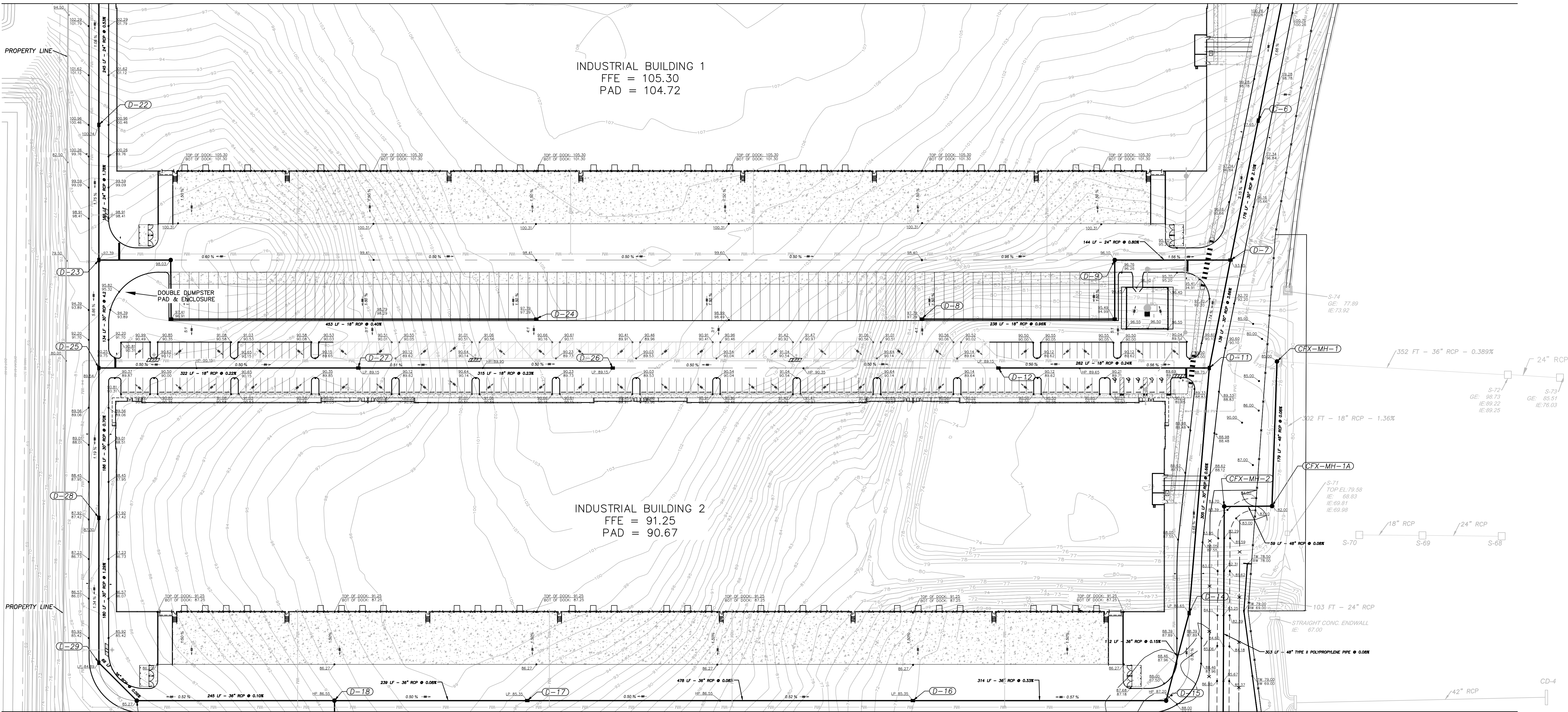
NOTE: ALL STORM WATER PIPE JOINTS AND BOX INLETS SHALL BE WRAPPED WITH FDOT APPROVED FILTER FABRIC PER FDOT INDEX 430-001.

[illegible]

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

GRADING & DRAINAGE PLAN - 1
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 14 OF 33



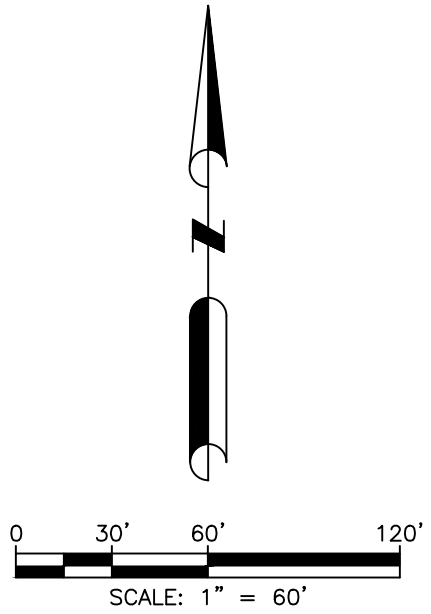
DRAINAGE STRUCTURE DATA

D-6 TYPE "D" INLET N: 15800768.07 E: 476517.90 TOP EL: 97.65 N INV EL: 91.85 S INV EL: 91.75	D-7 TYPE "D" INLET N: 15800595.23 E: 476483.52 TOP EL: 93.85 N INV EL: 89.05 S INV EL: 89.95	D-9 DRAINAGE MANHOLE N: 1580048.83 E: 476339.94 TOP EL: 96.10 N INV EL: 89.85 E INV EL: 89.75	D-11 TYPE "D" INLET N: 1580461.33 E: 476457.28 TOP EL: 88.75 N INV EL: 82.95 S INV EL: 82.85	D-12 TYPE "C" INLET N: 15800595.23 E: 476080.29 TOP EL: 89.15 N INV EL: 84.44 S INV EL: 82.85	D-14 TYPE "D" INLET N: 1580157.28 E: 476432.15 TOP EL: 89.15 N INV EL: 80.85 S INV EL: 80.32
D-15 TYPE "C" INLET N: 1580048.83 E: 47603.89 TOP EL: 87.30 N INV EL: 80.15 W INV EL: 80.05	D-16 TYPE "C" INLET N: 1580048.83 E: 476089.68 TOP EL: 85.35 E INV EL: 79.02 W INV EL: 78.92	D-17 TYPE "D" INLET N: 1580048.83 E: 475611.46 TOP EL: 85.35 E INV EL: 78.55 W INV EL: 78.45	D-18 DRAINAGE MANHOLE N: 1580275.50 E: 475080.29 TOP EL: 87.30 N INV EL: 81.40 S INV EL: 81.40	D-22 TYPE "C" INLET N: 1580762.85 E: 475080.29 TOP EL: 100.34 N INV EL: 95.09 S INV EL: 94.99	D-23 TYPE "C" INLET N: 15800595.23 E: 475080.29 TOP EL: 97.39 N INV EL: 92.00 S INV EL: 89.85
D-25 TYPE "D" INLET N: 1580461.33 E: 475080.29 TOP EL: 89.54 N INV EL: 83.25 E INV EL: 82.90 S INV EL: 82.80	D-26 TYPE "C" INLET N: 1580461.33 E: 475080.29 TOP EL: 89.15 N INV EL: 84.44 W INV EL: 84.44	D-27 TYPE "C" INLET N: 1580461.33 E: 475402.12 TOP EL: 89.15 E INV EL: 83.70 W INV EL: 83.60	D-28 TYPE "D" INLET N: 1580275.50 E: 475080.29 TOP EL: 87.30 N INV EL: 81.50 S INV EL: 81.40	D-29 TYPE "D" INLET N: 15800595.83 E: 475080.29 TOP EL: 84.89 N INV EL: 79.09 SE INV EL: 78.56	CFX-MH-1 DRAINAGE MANHOLE N: 1580489.41 E: 476541.11 TOP EL: 85.00 N INV EL: 74.41 S INV EL: 74.41
				CFX-MH-1A DRAINAGE MANHOLE N: 1580289.70 E: 476475.75 TOP EL: 82.00 N INV EL: 74.26 W INV EL: 74.21	CFX-MH-2 DRAINAGE MANHOLE N: 1580289.70 E: 476475.75 TOP EL: 83.70 E INV EL: 74.21 S INV EL: 74.21

LEGEND

DESCRIPTION	PROPOSED
SANITARY SEWER SYSTEM	
STORM SEWER SYSTEM	
WATER SYSTEM	
FIRE HYDRANT	
CONTOUR	
DIRECTION OF SURFACE FLOW	

NOTE: ALL STORM WATER PIPE JOINTS AND BOX
INLETS SHALL BE WRAPPED WITH FDOT APPROVED
FILTER FABRIC PER FDOT INDEX 430-001.



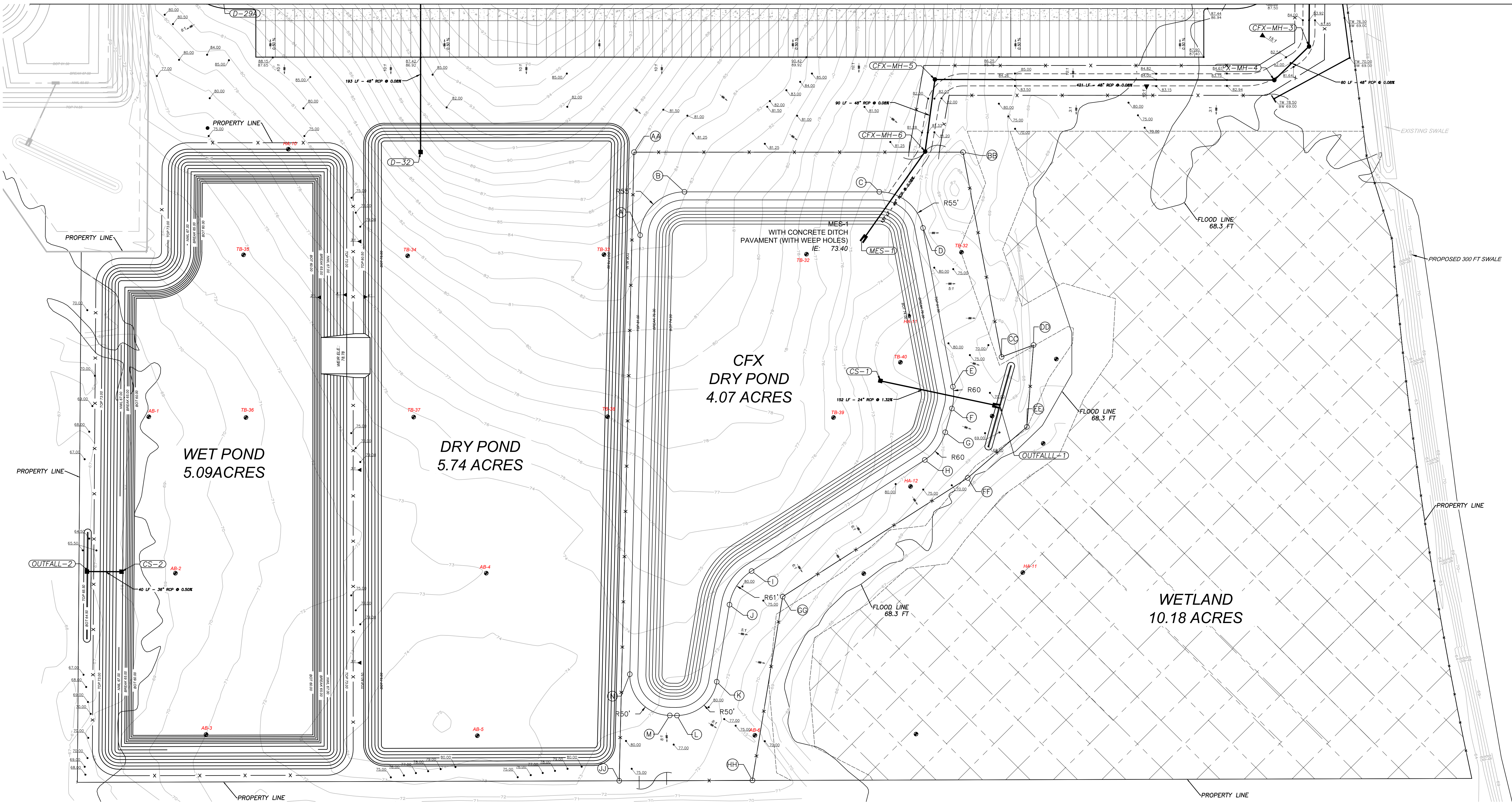
DAVE SCHMITT
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Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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FLORIDA REG. NUMBER
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GRADING & DRAINAGE PLAN - 2
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 15 OF 33



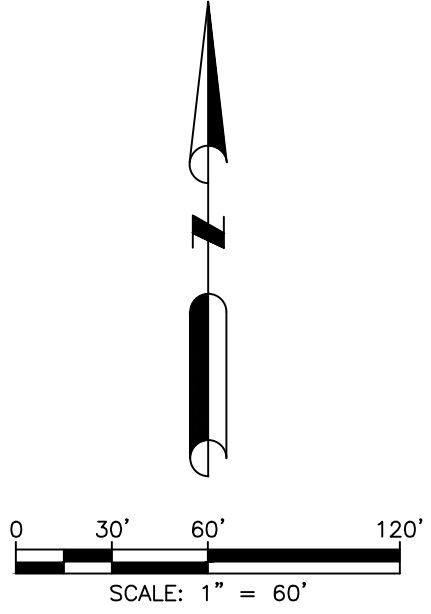
LEGEND

DESCRIPTION	PROPOSED
SANITARY SEWER SYSTEM	
STORM SEWER SYSTEM	
WATER SYSTEM	
FIRE HYDRANT	
CONTOUR	
DIRECTION OF SURFACE FLOW	

NOTE: ALL STORM WATER PIPE JOINTS AND BOX INLETS SHALL BE WRAPPED WITH FDOT APPROVED FILTER FABRIC PER FDOT INDEX 430-001.

DRAINAGE STRUCTURE DATA

CFX-MH-3 DRAINAGE MANHOLE N: 1579986.93 E: 476474.27 TOP EL: 81.00 N INV EL: 73.96 SW INV EL: 73.96	CFX-MH-4 DRAINAGE MANHOLE N: 1579945.24 E: 476431.09 TOP EL: 84.00 N INV EL: 73.91 W INV EL: 73.91	CFX-MH-5 DRAINAGE MANHOLE N: 1579946.03 E: 476010.22 TOP EL: 84.00 N INV EL: 73.57 S INV EL: 73.57	CFX-MH-6 DRAINAGE MANHOLE N: 1579856.67 E: 475998.18 TOP EL: 81.10 N INV EL: 73.50 SW INV EL: 73.50	CS-1 CONTROL STRUCTURE TYPE "D" N: 1579572.48 E: 475942.69 TOP EL: 80.00 E INV EL: 70.00
MES-1 MES N: 1579744.85 E: 476019.33 INV EL: 73.39	OUTFALL-1 MES N: 1579540.75 E: 476031.06 INV EL: 68.00	CS-2 CONTROL STRUCTURE TYPE "C" N: 1579335.70 E: 475001.63 TOP EL: 72.50 W INV EL: 65.50	D-32 TYPE MODIFIED "C" BOX BUBBLE UP INLET N: 1579856.04 E: 475372.51 TOP EL: 85.25 N INV EL: 77.90	OUTFALL-2 TYPE MODIFIED "C" BOX BUBBLE UP INLET N: 1579335.99 E: 474961.31 TOP EL: 71.47 E INV EL: 65.30



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

GRADING & DRAINAGE PLAN - 3
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

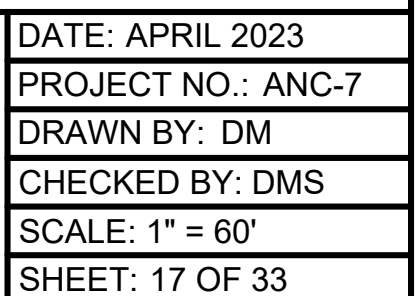
DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 16 OF 33



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ORLANDO, FL 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471



△



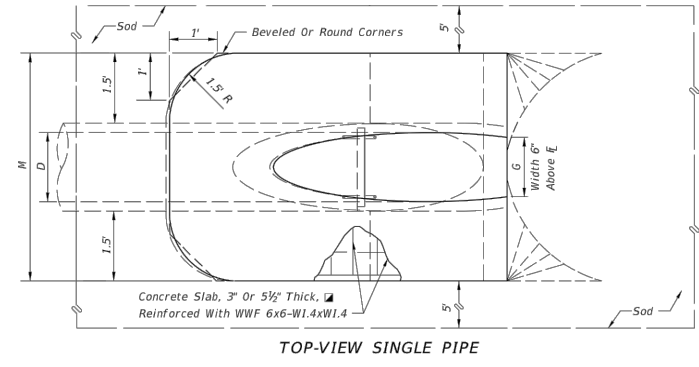
PROPOSE CFX POND GEOMETRY POINTS

POND POINTS	NORTHING, EASTING	POND POINTS	NORTHING, EASTING
A	475644.63/1579752.98	J	475755.41/1579294.70
B	475699.62/1579806.69	K	475739.69/1579199.19
C	475941.35/1579806.69	L	475690.35/1579157.32
D	475995.40/1579761.86	M	475681.42/1579157.39
E	476032.41/1579565.23	N	475631.86/1579208.56
F	476031.24/1579538.01		
G	476023.03/1579508.58		
H	475997.64/1579474.21		
I	475782.84/1579336.40		

PROPOSE CFX TRACT GEOMETRY POINTS

TRACT POINTS	NORTHING, EASTING
AA	475637.05/1579855.86
BB	476045.02/1579855.86
CC	476092.81/1579601.97
DD	476132.59/1579616.70
EE	476124.28/1579515.25
FF	476050.94/1579451.94
GG	475821.42/1579304.68
HH	475783.90/1579076.84
JJ	475618.75/1579076.39

POND DATA
TOP OF BANK EL. 81.00
BOTTOM OF POND EL. 75.00
MEAN/24HR. D.H.W. EL. 76.38
10YR/24HR. D.H.W. EL. 77.89
25YR/24HR. D.H.W. EL. 78.31
100YR/24HR. D.H.W. EL. 79.11

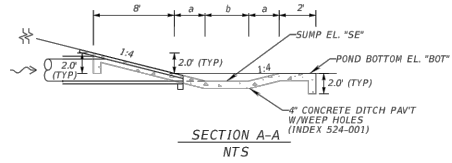
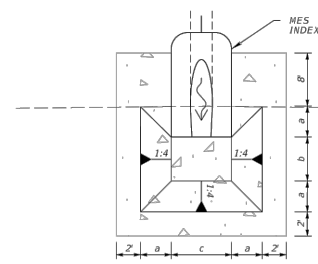


MES-1 CFX POND MITERED END SECTION
N.T.S

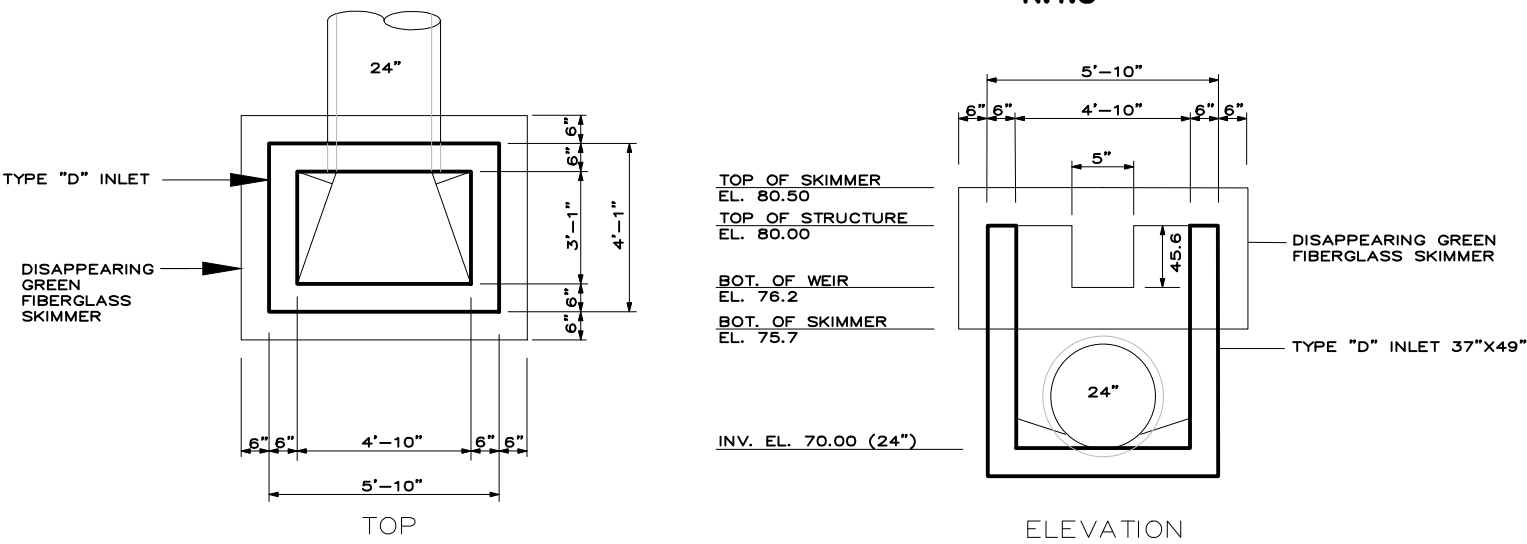
DRAINAGE STRUCTURE DATA

D-11 TYPE "D" INLET N: 1580461.33 E: 476457.28 TOP EL: 88.75 N INV EL: 82.95 W INV EL: 83.80 S INV EL: 82.85	D-12 TYPE "C" INLET N: 1580461.33 E: 476195.72 TOP EL: 89.15 E INV EL: 84.44	D-14 TYPE "D" INLET N: 1580048.83 E: 476432.15 TOP EL: 86.65 N INV EL: 80.85 S INV EL: 80.32	D-15 TYPE "D" INLET N: 1580048.83 E: 476403.89 TOP EL: 87.30 N INV EL: 80.15 W INV EL: 80.05	D-16 TYPE "D" INLET N: 1580048.83 E: 476089.68 TOP EL: 85.35 E INV EL: 79.02 W INV EL: 78.92	D-17 TYPE "D" INLET N: 1580048.83 E: 475611.46 TOP EL: 85.35 E INV EL: 78.55 W INV EL: 78.45
CFX-MH-1 DRAINAGE MANHOLE N: 1580469.41 E: 476541.11 TOP EL: 85.00 S INV EL: 74.41	CFX-MH-1A DRAINAGE MANHOLE N: 1580290.11 E: 476535.00 TOP EL: 82.00 N INV EL: 74.26 S INV EL: 74.26	CFX-MH-2 DRAINAGE MANHOLE N: 1580289.70 E: 476475.75 TOP EL: 83.70 E INV EL: 74.21	CFX-MH-3 DRAINAGE MANHOLE N: 1579986.93 E: 476431.09 TOP EL: 81.90 N INV EL: 73.96	CFX-MH-4 DRAINAGE MANHOLE N: 1579945.24 E: 476010.22 TOP EL: 82.00 NE INV EL: 73.91	CFX-MH-5 DRAINAGE MANHOLE N: 1579946.03 E: 476010.22 TOP EL: 84.20 S INV EL: 73.57
CFX-MH-6 DRAINAGE MANHOLE N: 1579856.67 E: 475998.18 TOP EL: 81.10 N INV EL: 73.50 SW INV EL: 73.50	MES-1 CONTROL STRUCTURE N: 1579744.85 E: 475919.33 TOP EL: 80.00 INV EL: 73.39	CS-1 CONTROL STRUCTURE N: 1579572.48 E: 475942.69 TOP EL: 80.00 E INV EL: 70.00	OUTFALL-1 CONTROL STRUCTURE N: 1579540.75 E: 476091.06 TOP EL: 80.00 INV EL: 68.00		

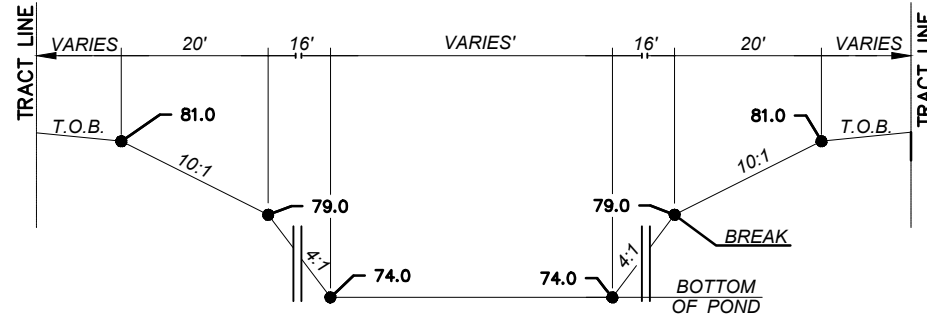
POND	STRUCTURE	BOT	SE	PIPE SIZE (N)	DIMENSION
CFX	MES-1	74.0	73.39	36	A (FT) B (FT) C (FT) 4.84 4.00 7.50



MES-1 CFX SUMP DETAIL
N.T.S

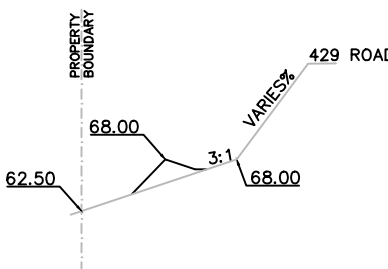


CS-1 CFX POND CONTROL STRUCTURE
N.T.S

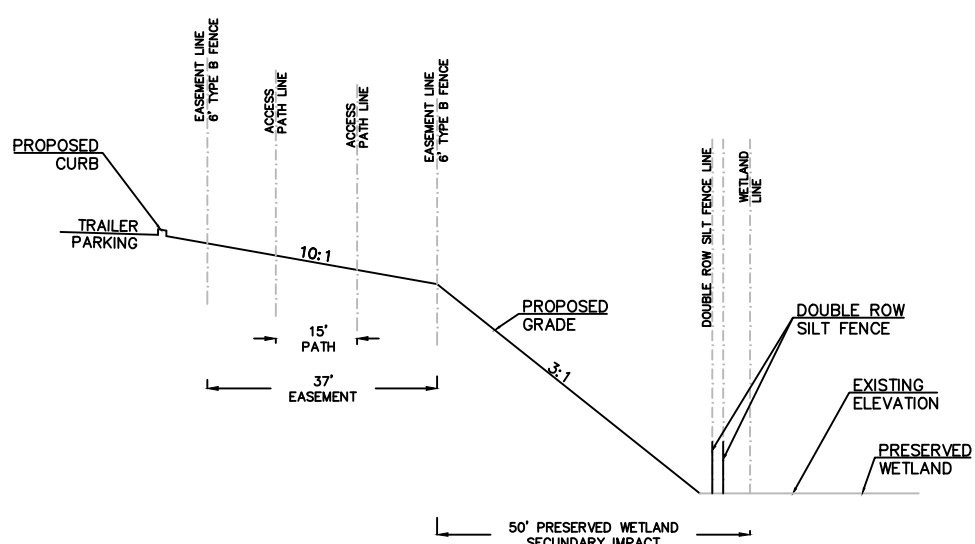


TYPICAL CFX PROPOSED POND CROSS-SECTION
N.T.S

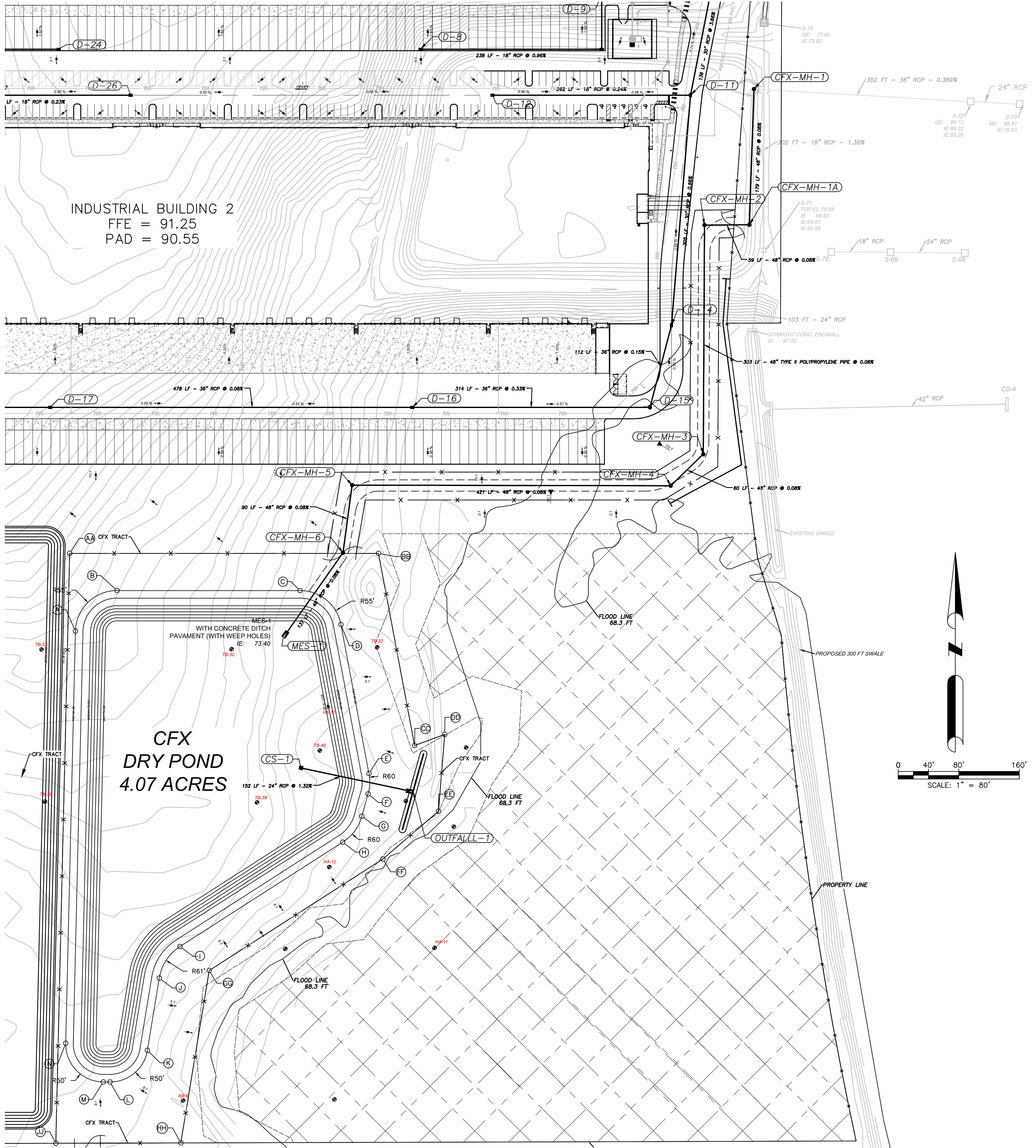
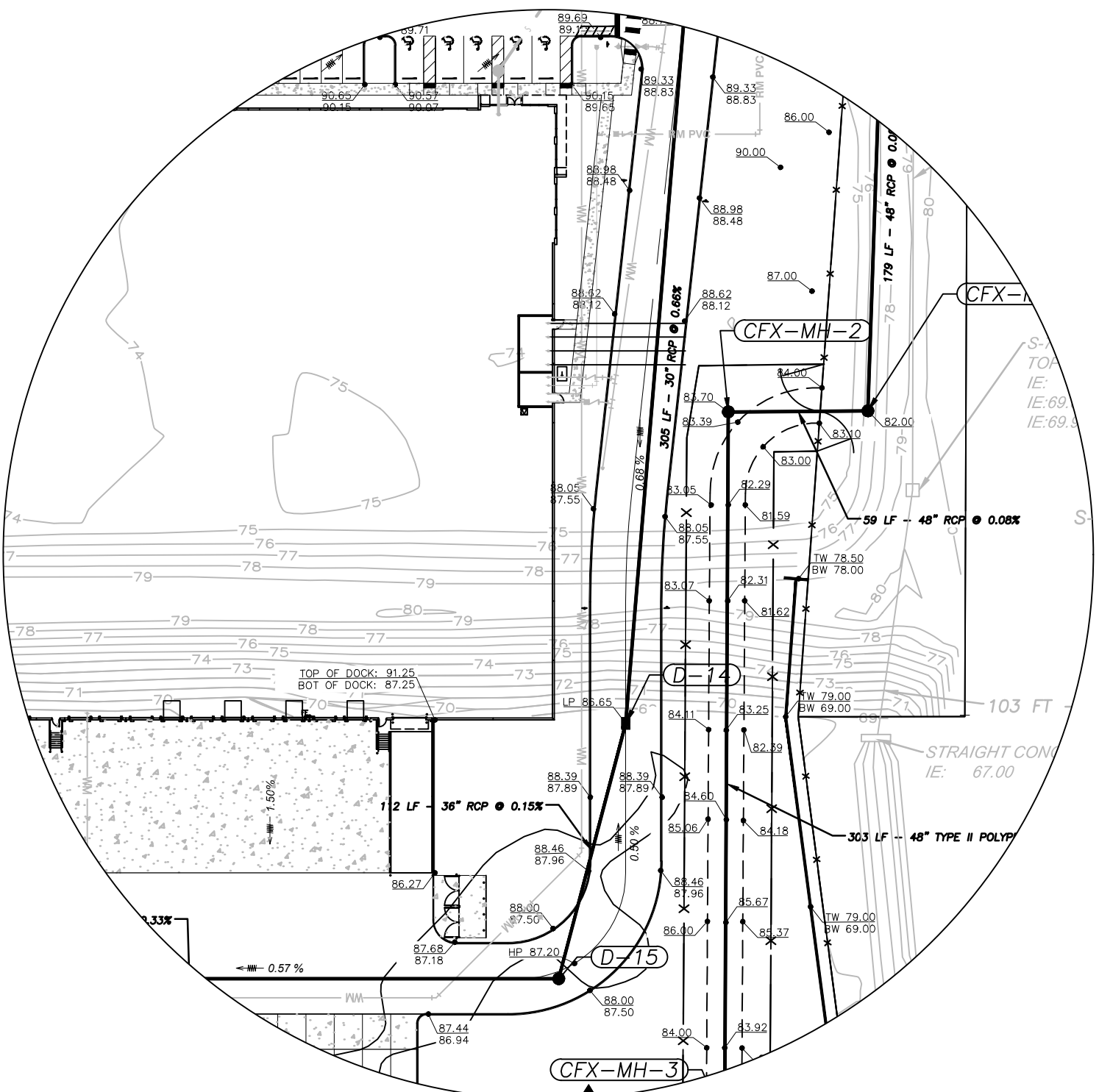
CROSS-SECTION A-A
N.T.S



CROSS-SECTION B-B
N.T.S



DETAIL A (CFX ACCESS ENTRANCE)
N.T.S



CFX
DRY POND
4.07 ACRES



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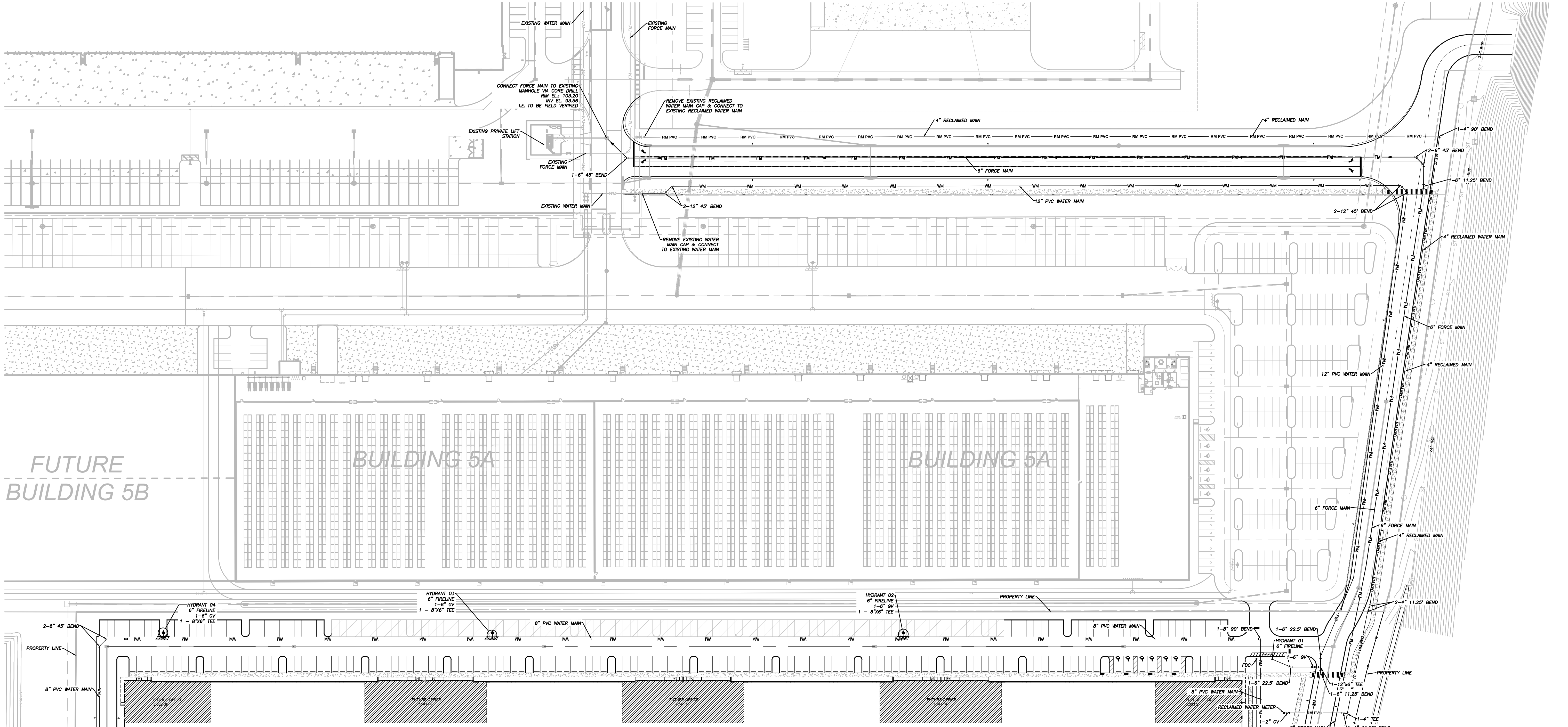
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

CFX POND PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 80'
SHEET: 18 OF 33

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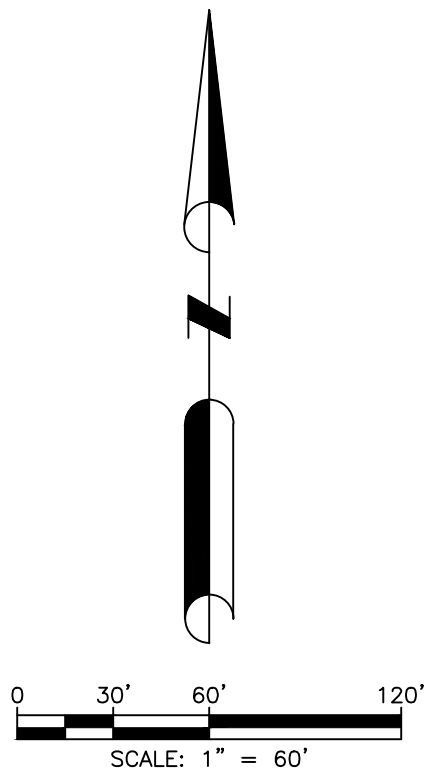
MATCHLINE - SHEET 20/33

NOTE:

- IF SPECIFYING HP STORM SPECIFICALLY**
ADS HP STORM PROFILE WALL POLYPROPYLENE 12- THROUGH 60-INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".
- IF SPECIFYING RCP AND ALLOWING HP STORM**
ADS HP STORM PROFILE WALL POLYPROPYLENE IS AN APPROVED EQUAL TO CLASS III RCP. ADS HP STORM PROFILE WALL POLYPROPYLENE 12- THROUGH 60- INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".
- IF NOT SPECIFYING A PIPE TYPE SPECIFICALLY AND ALLOWING BOTH RCP AND HP Storm**
ALL STORM PIPE TO BE ADS HP STORM OR RCP CLASS III
- ADS HP STORM PROFILE POLYPROPYLENE 12- THROUGH 60-INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".
 - INSERT YOUR STANDARD SPEC NOTE FOR RCP.
- POST INSTALLATION INSPECTION NOTE**
- ALL STORM PIPE TO BE POST INSTALLATION INSPECTED PER FDOT SECTION 430-4.8 (PIPE INSPECTION).
 - ADDITIONAL INFORMATION ON PIPE INSPECTION, EVALUATION & REPAIR CAN BE FOUND IN THE FDOT CONSTRUCTION PRODUCTS ADMINISTRATION MANUAL UNDER SECTION 8.13.

LEGEND

DESCRIPTION	PROPOSED
SANITARY SEWER SYSTEM	
STORM SEWER SYSTEM	
WATER SYSTEM	
FIRE HYDRANT	
RECLAIMED WATER SYSTEM	



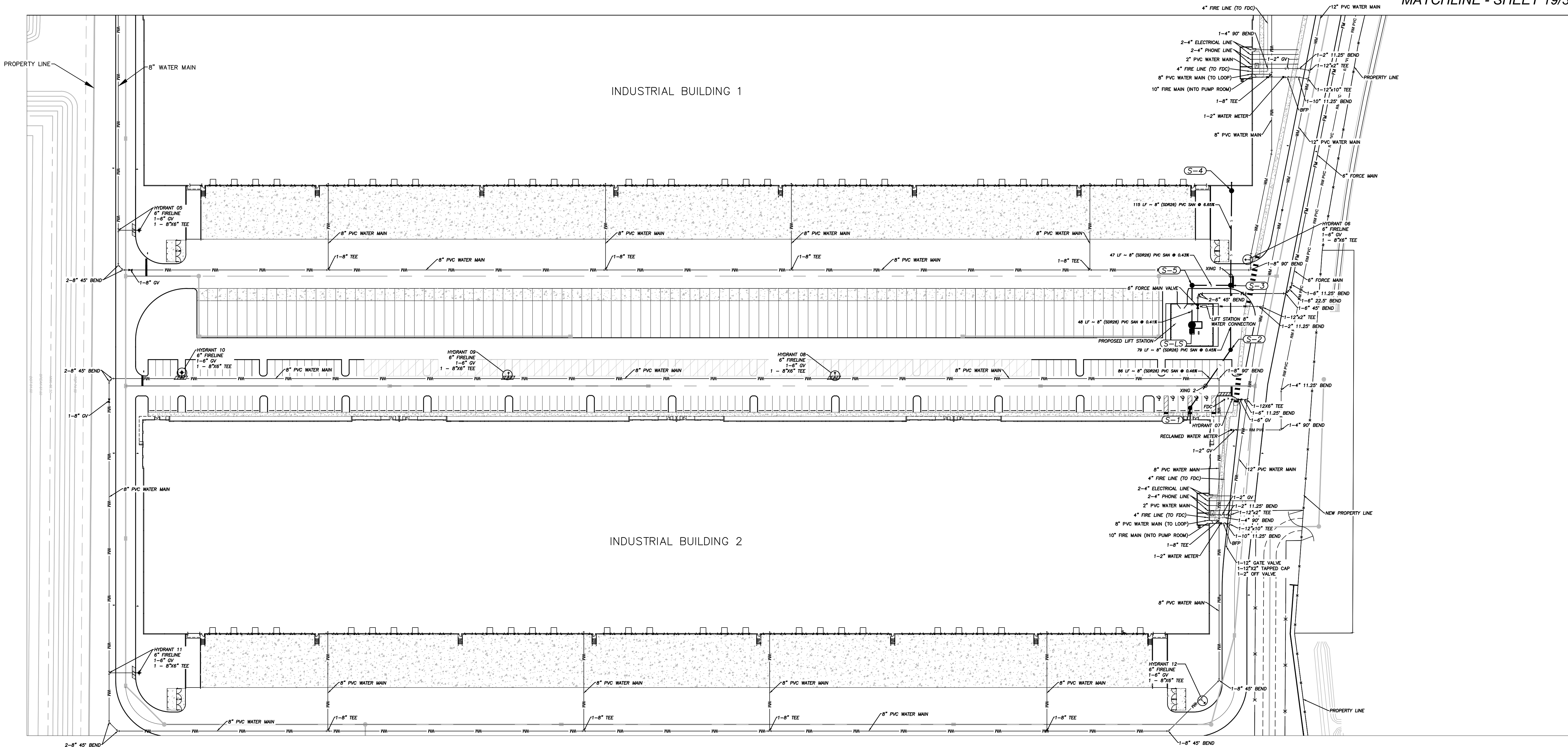
DAVE SCHMITT
ENGINEERING, INC.
12301 LAKE UNDERHILL ROAD
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ORLANDO, FL 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

UTILITY PLAN - 1
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 19 OF 33



LEGEND

DESCRIPTION	PROPOSED
SANITARY SEWER SYSTEM	
STORM SEWER SYSTEM	
WATER SYSTEM	
FIRE HYDRANT	
RECLAIMED WATER SYSTEM	

NOTE:

IF SPECIFYING HP STORM SPECIFICALLY
ADS HP STORM PROFILE WALL POLYPROPYLENE 12- THROUGH 60-INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".

IF SPECIFYING RCP AND ALLOWING HP STORM
ADS HP STORM PROFILE WALL POLYPROPYLENE IS AN APPROVED EQUAL TO CLASS III RCP. ADS HP STORM PROFILE WALL POLYPROPYLENE 12- THROUGH 60- INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".

IF NOT SPECIFYING A PIPE TYPE SPECIFICALLY AND ALLOWING BOTH RCP AND HP Storm
ALL STORM PIPE TO BE ADS HP STORM OR RCP CLASS III

- ADS HP STORM PROFILE WALL POLYPROPYLENE 12- THROUGH 60-INCH PIPE SHALL MEET ASTM F2881 OR AASHTO M330. MANUFACTURER OF POLYPROPYLENE PIPE MUST MEET THE REQUIREMENTS OF FDOT SECTION 948-7.2 (CLASS II 100Yr DSL) AND LISTED ON THE FDOT APPROVED PRODUCERS LIST FOR CLASS II CORRUGATED POLYPROPYLENE PIPE 12"-60".
- INSERT YOUR STANDARD SPEC NOTE FOR RCP.

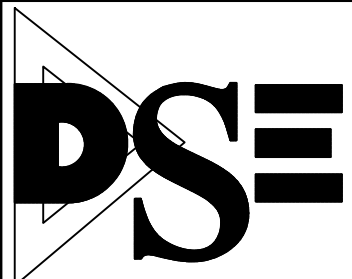
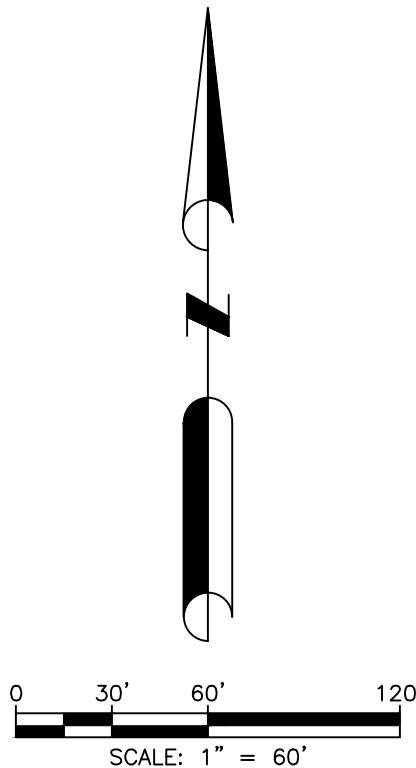
POST INSTALLATION INSPECTION NOTE

- ALL STORM PIPE TO BE POST INSTALLATION INSPECTED PER FDOT SECTION 430-4.8 (PIPE INSPECTION).
- ADDITIONAL INFORMATION ON PIPE INSPECTION, EVALUATION & REPAIR CAN BE FOUND IN THE FDOT CONSTRUCTION PRODUCTS ADMINISTRATION MANUAL UNDER SECTION 8.13.

SANITARY STRUCTURE DATA

S-1 SANITARY MANHOLE N: 1580434.63 E: 476378.10 TOP EL: 89.49 NE INV EL: 81.25	S-2 SANITARY MANHOLE N: 1580505.42 E: 476427.46 TOP EL: 93.30 SW INV EL: 80.85 N INV EL: 80.75	S-3 SANITARY MANHOLE N: 1580584.06 E: 476427.46 TOP EL: 95.03 W INV EL: 80.30 N INV EL: 86.53 S INV EL: 80.40
S-4 SANITARY CLEANOUT N: 1580699.36 E: 476428.64 TOP EL: 100.50 S INV EL: 94.20	S-5 SANITARY MANHOLE N: 1580583.98 E: 476380.47 TOP EL: 95.70 E INV EL: 80.10 S INV EL: 80.00	S-LS LIFT STATION N: 1580535.60 E: 476380.30 TOP EL: 96.45 N INV EL: 79.80

 TOP EL: 91.29 BOT EL: 88.79 24" RCP STORM INV. EL: 89.04	 TOP EL: 85.64 BOT EL: 83.73 18" RCP STORM INV. EL: 83.94
 TOP EL: 87.95 BOT EL: 87.25 8" PVC SANITARY INV. EL: 87.27	 TOP EL: 81.77 BOT EL: 81.07 8" PVC SANITARY INV. EL: 81.09



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Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

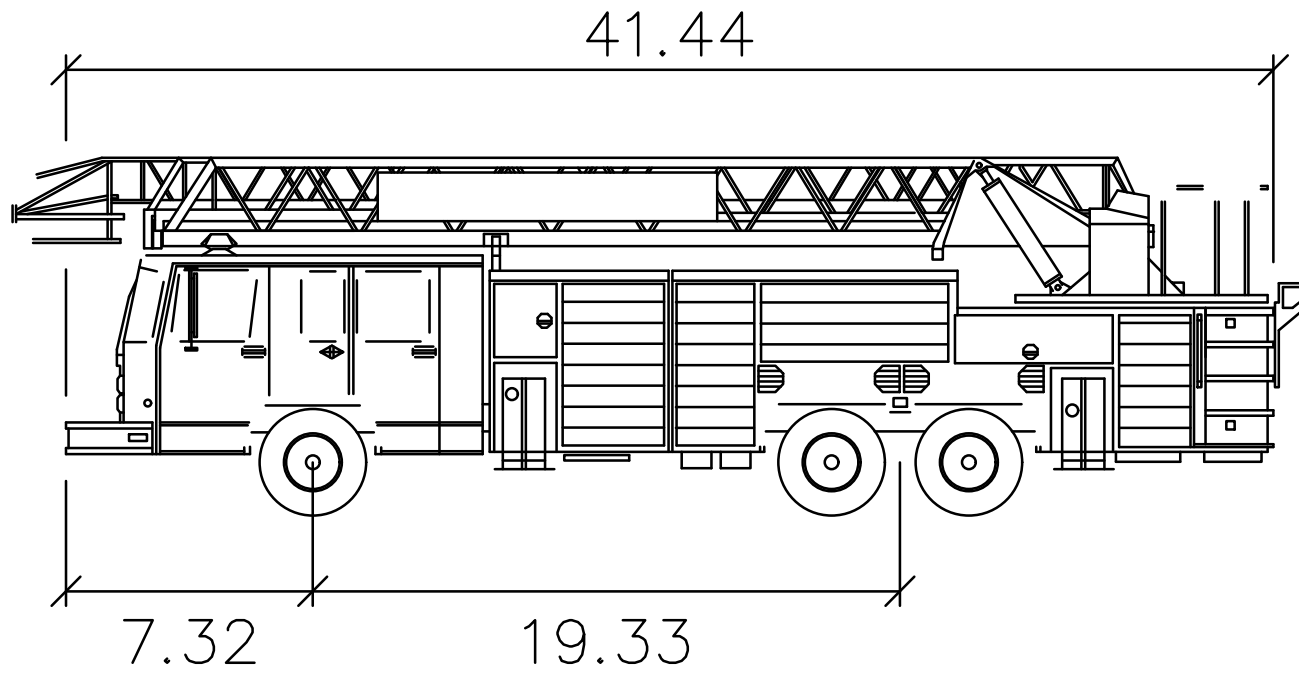
UTILITY PLAN - 2
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 20 OF 33

F:\ANC7\CAD\Planset\Final\21-22 FIRE TRUCK ROUTING PLAN.dwg, 7/21/2023 4:20:17 PM

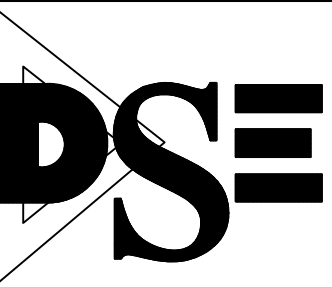
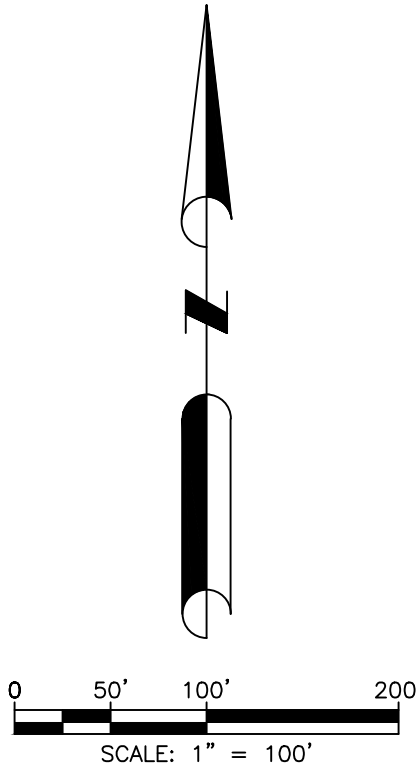
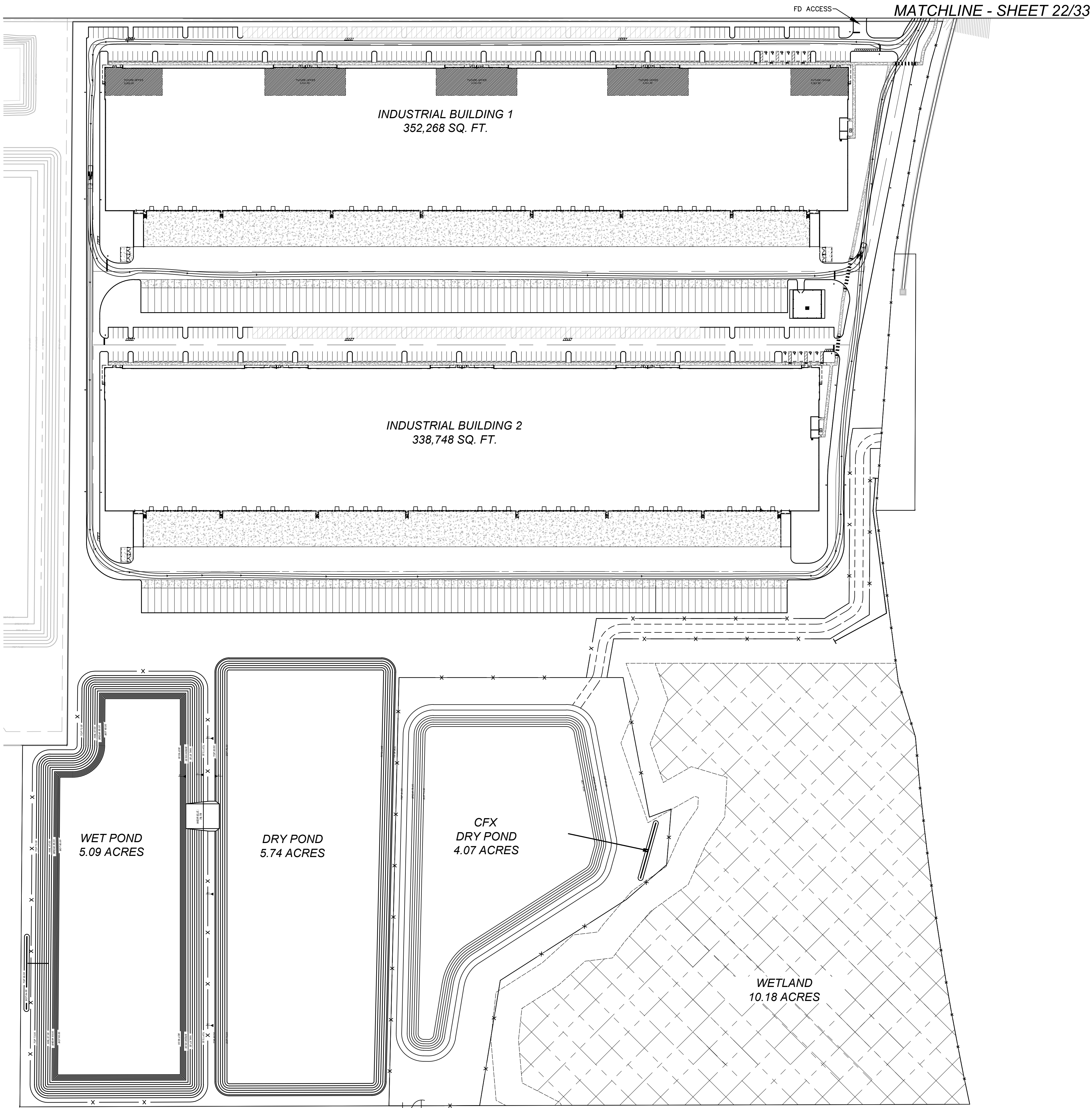
NOTES

1. FIRE DEPARTMENT ACCESS AND WATER SUPPLY SHALL COMPLY WITH NFPA 1 (2021 EDITION) AND FFPC (7TH EDITION).
2. THE NUMBER AND PLACEMENT OF REQUIRED FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH NFPA 1 (2021 EDITION) AND FFPC (7TH EDITION).
3. ALL ROADWAYS AND FIRE HYDRANTS SHALL BE IN PLACE BEFORE BUILDING CONSTRUCTION MAY BEGIN.
4. FIRE HYDRANTS SHALL BE MARKED WITH BLUE ROAD REFLECTOR.
5. BUILDING WILL BE REQUIRED TO HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM.
6. BUILDING MUST BE MONITORED BY AN AUTOMATIC FIRE ALARM SYSTEM.
7. A LOCK BOX MUST BE PROVIDED NEAR THE FRONT DOOR.



APOPKA FIRE TRUCK

Width	: 8.00
Track	: 8.50
Lock to Lock Time	: 6.00
Steering Angle	: 45.0



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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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FLORIDA REG. NUMBER
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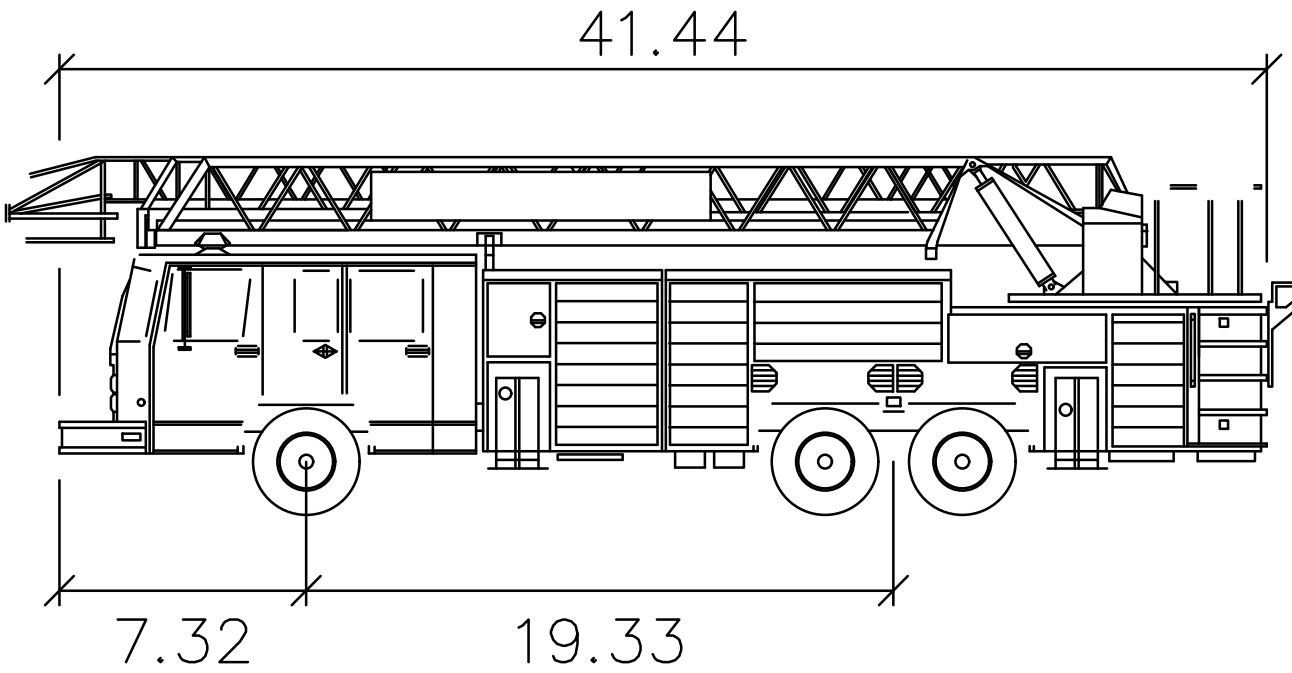
FIRE TRUCK ROUTING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 21 OF 33

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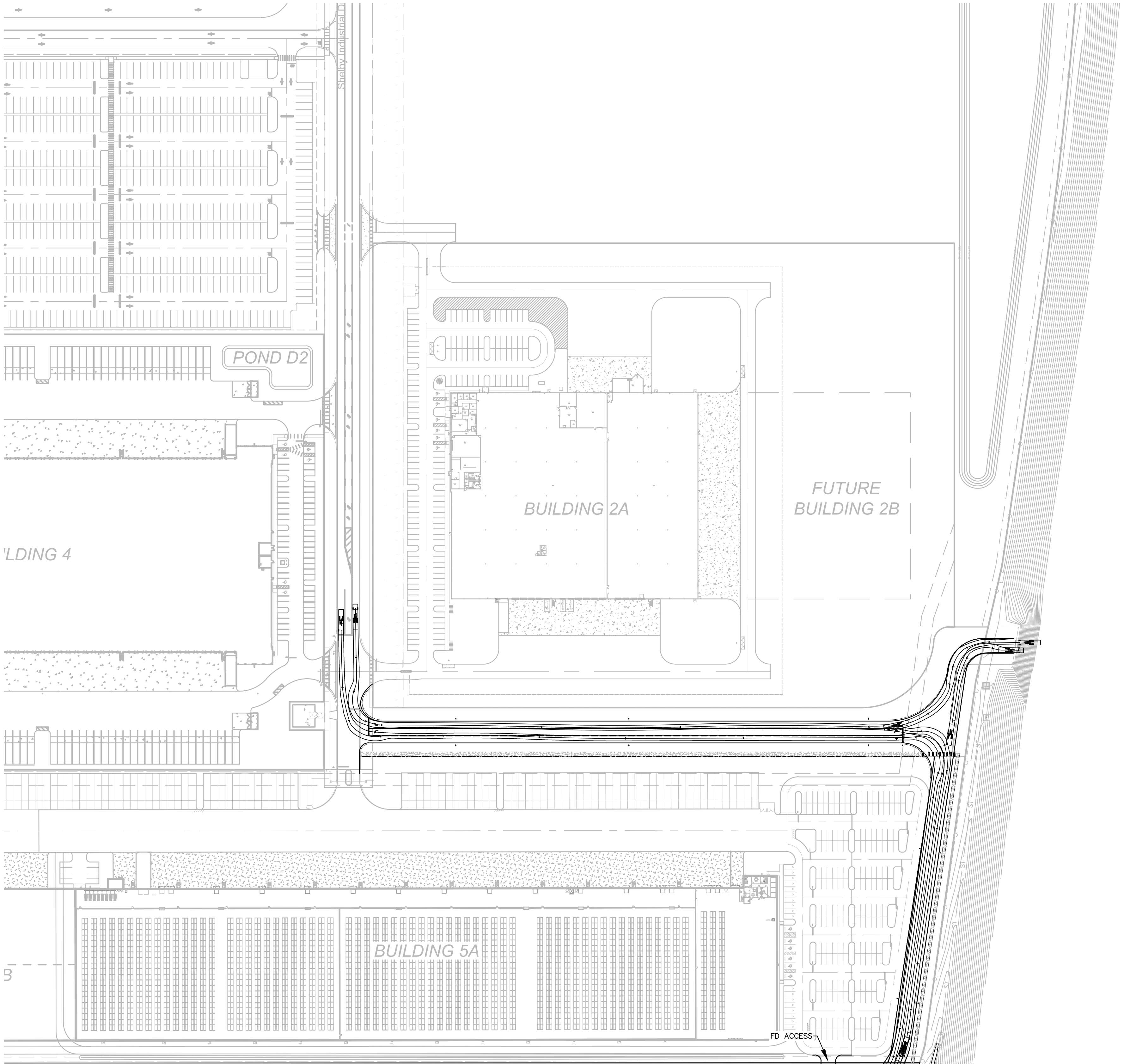
NOTES

- 1. FIRE DEPARTMENT ACCESS AND WATER SUPPLY SHALL COMPLY WITH NFPA 1 (2021 EDITION) AND FFPC (7TH EDITION).
- 2. THE NUMBER AND PLACEMENT OF REQUIRED FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH NFPA 1 (2021 EDITION) AND FFPC (7TH EDITION).
- 3. ALL ROADWAYS AND FIRE HYDRANTS SHALL BE IN PLACE BEFORE BUILDING CONSTRUCTION MAY BEGIN.
- 4. FIRE HYDRANTS SHALL BE MARKED WITH BLUE ROAD REFLECTOR.
- 5. BUILDING WILL BE REQUIRED TO HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM.
- 6. BUILDING MUST BE MONITORED BY AN AUTOMATIC FIRE ALARM SYSTEM.
- 7. A LOCK BOX MUST BE PROVIDED NEAR THE FRONT DOOR.

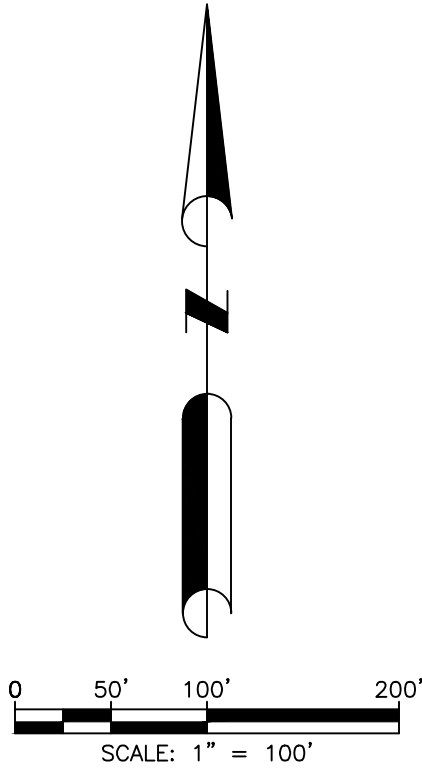


APOPKA FIRE TRUCK

Width : 8.00
Track : 8.50
Lock to Lock Time : 6.00
Steering Angle : 45.0



MATCHLINE - SHEET 21/33



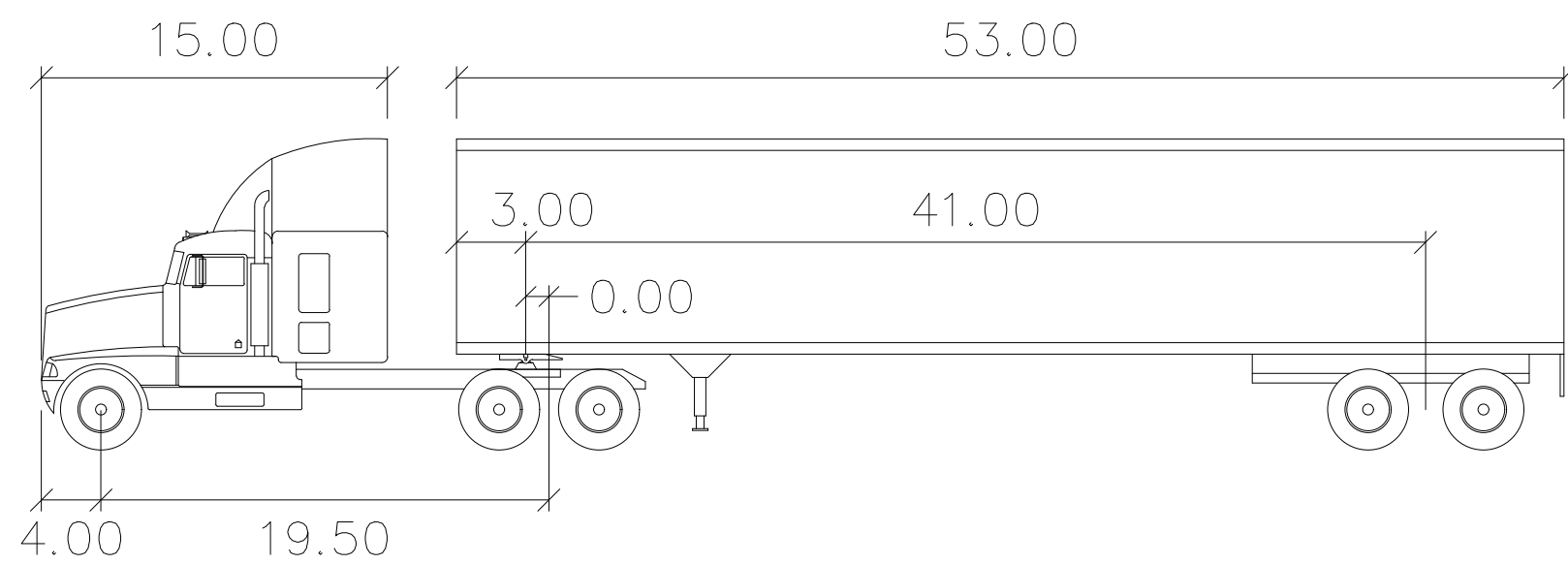
DAVE SCHMITT
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
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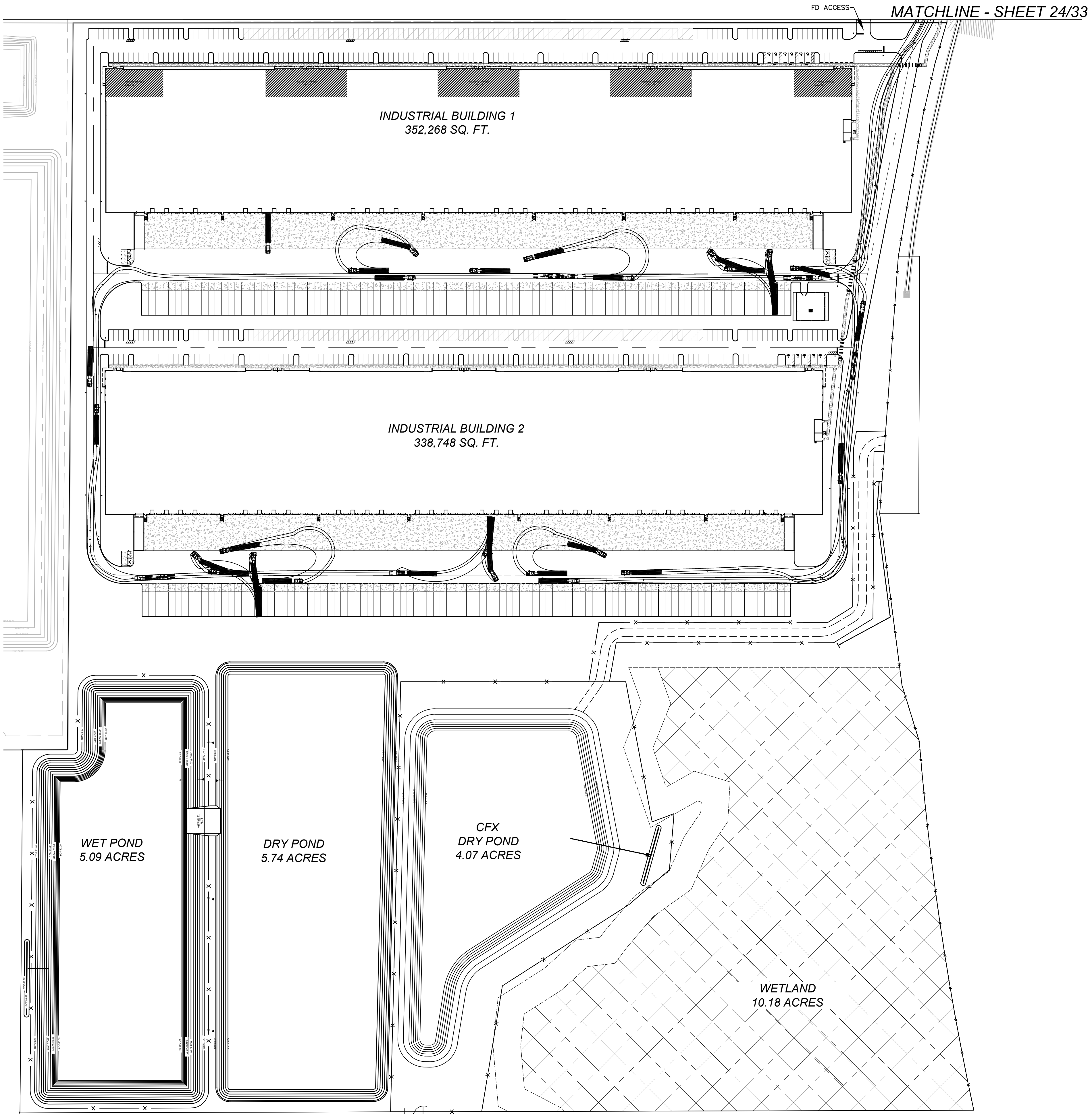
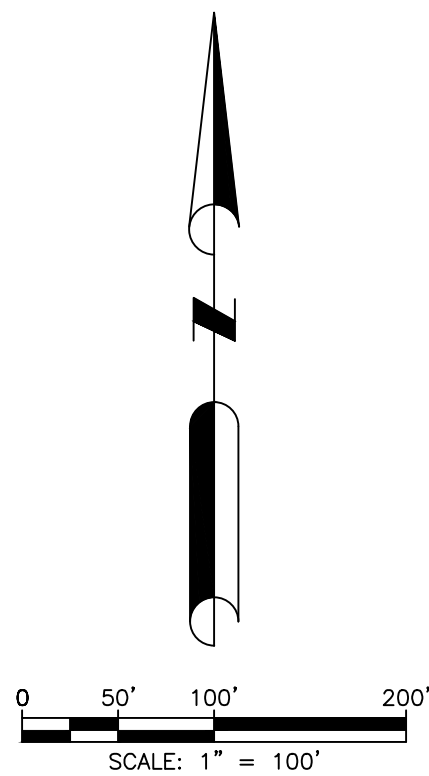
OFFSITE FIRE TRUCK ROUTING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 22 OF 33



WB-62FL

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.50		



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ORLANDO, FL 32828
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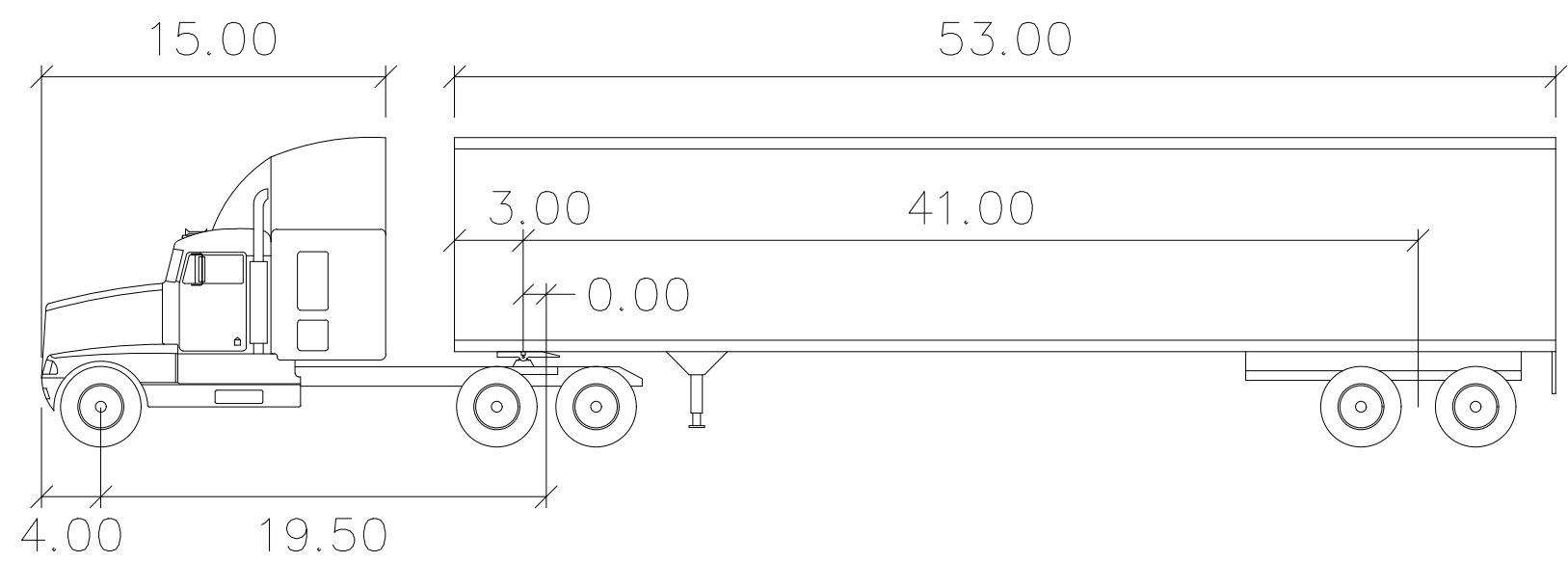
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

LARGE TRUCK ROUTING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

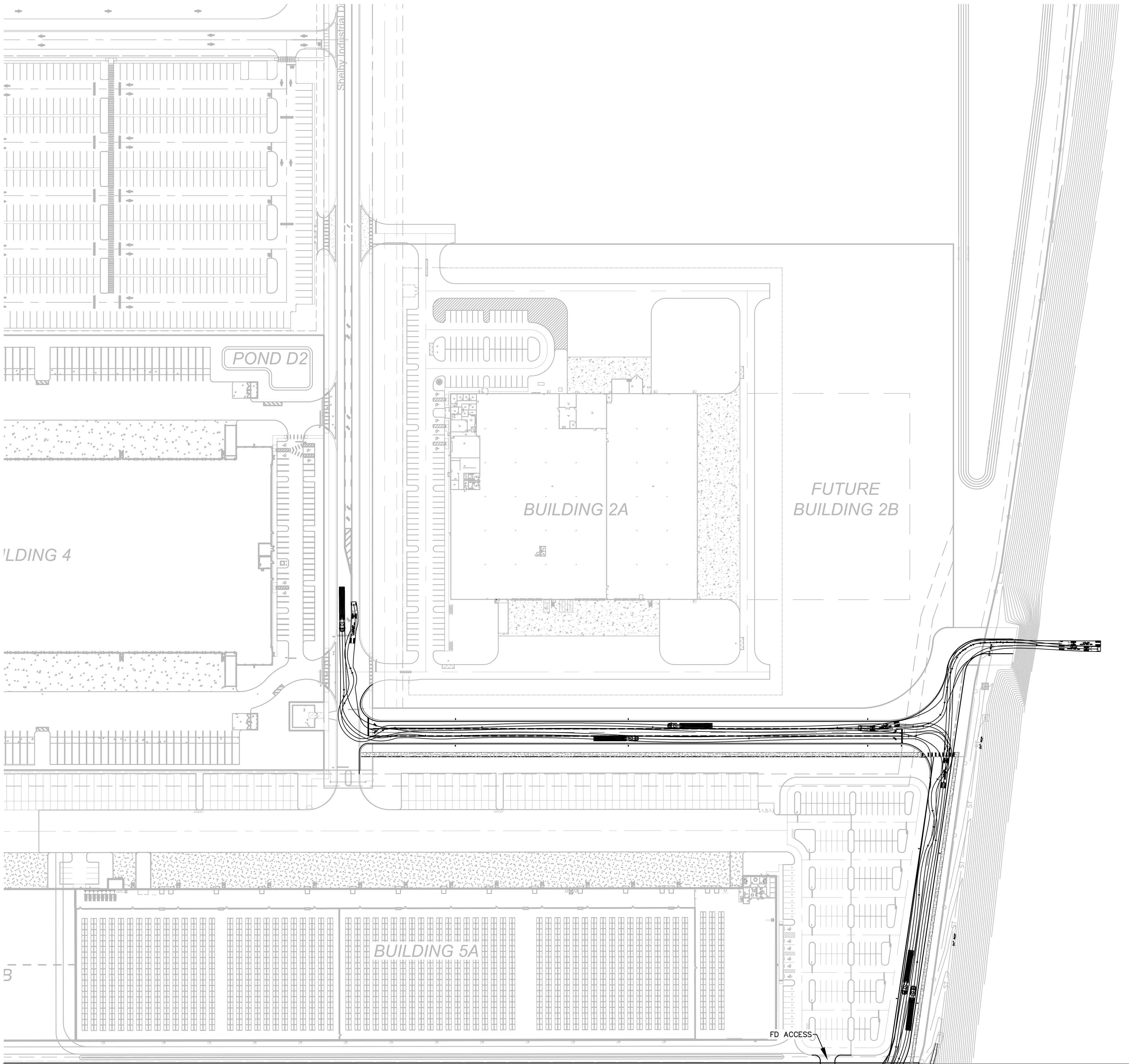
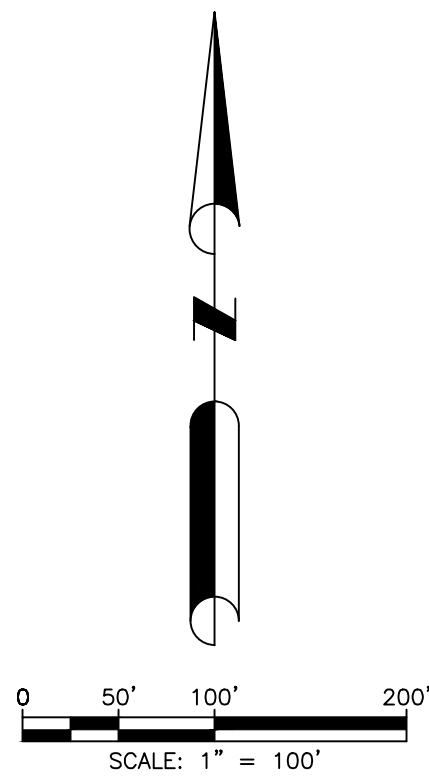
DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 23 OF 33

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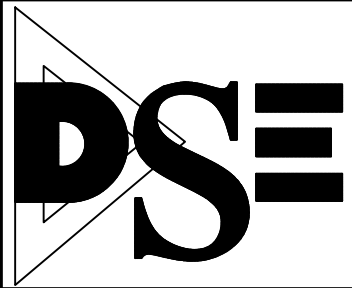


WB-62FL

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.50		



MATCHLINE - SHEET 23/33



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12301 LAKE UNDERHILL ROAD
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407-207-9088 FAX 407-207-9089
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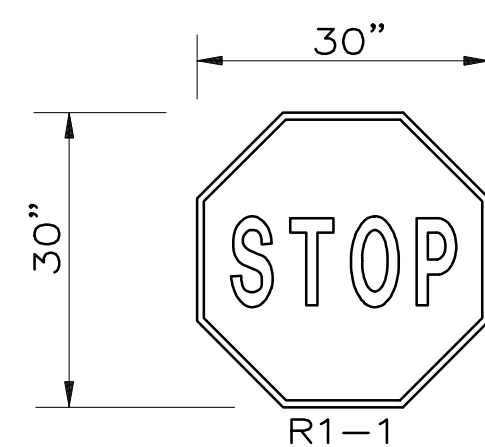
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

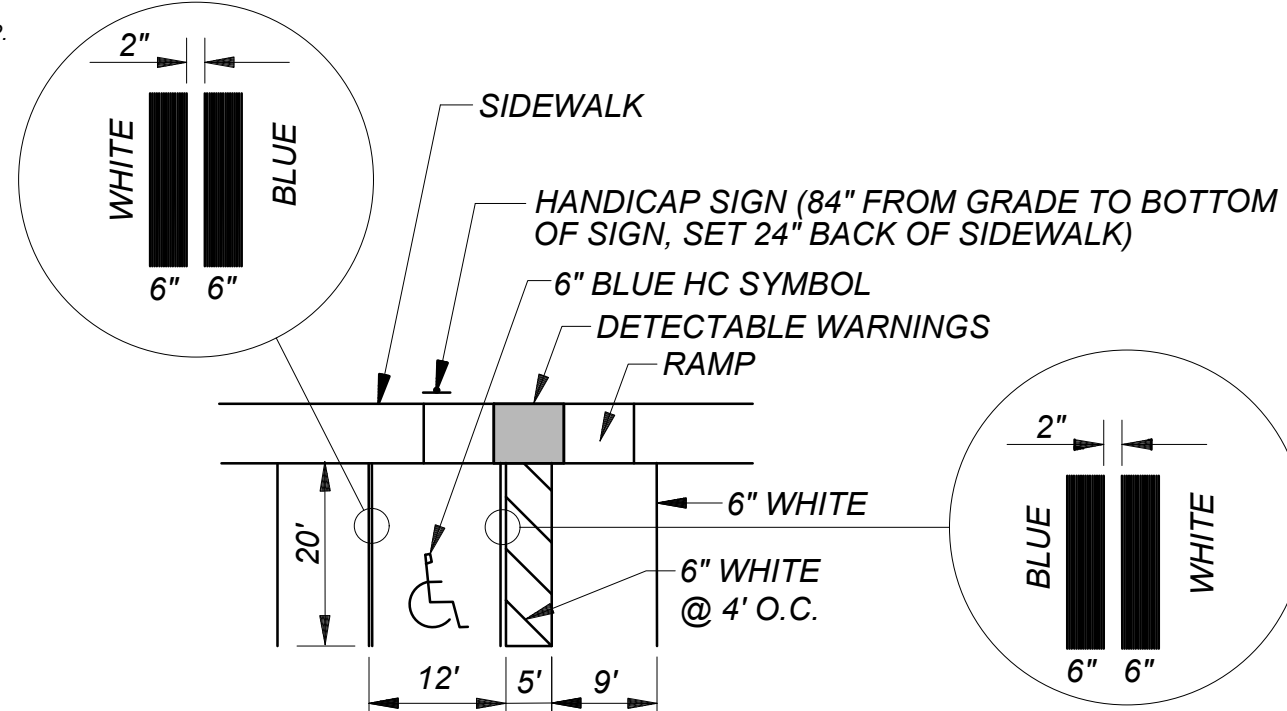
OFFSITE LARGE TRUCK ROUTING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 24 OF 33

TYPICAL INTERSECTION SIGNING & STRIPING DETAIL

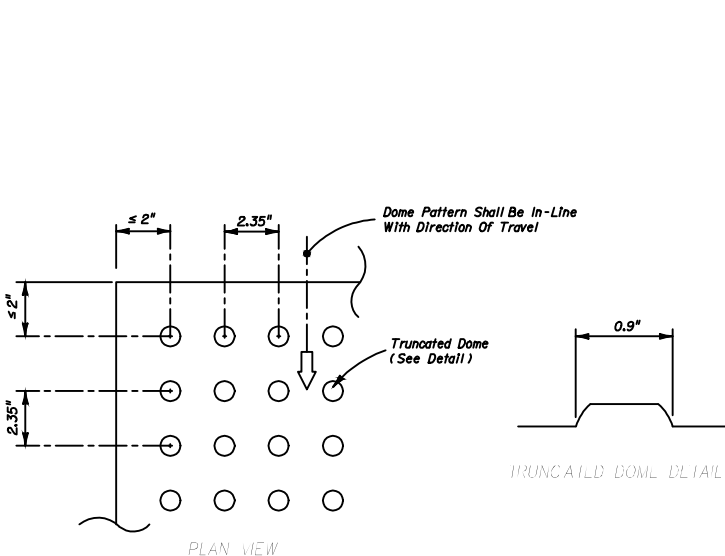


TYPICAL STOP SIGN

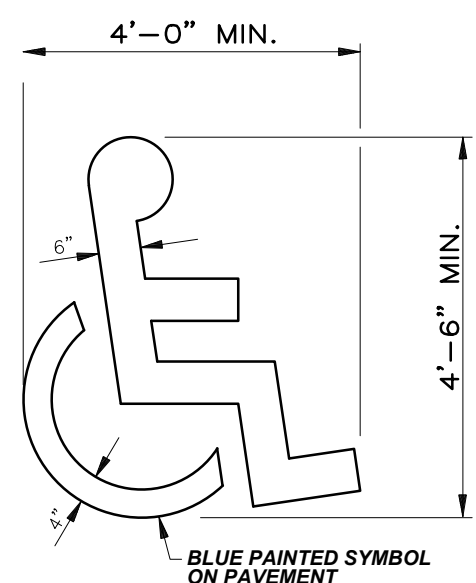


NOTE:
ALL STRIPING SHALL BE THERMOPLASTIC.

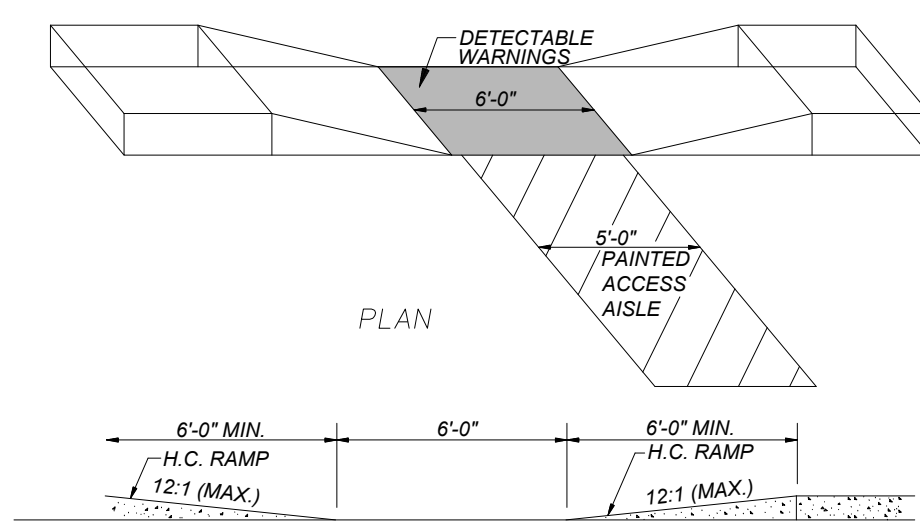
TYPICAL HANDICAP PARKING STRIPING PLAN



CURB RAMP DETECTABLE WARNING



INTERNATIONAL HANDICAP SYMBOL



SECTION **HANDICAP RAMP DETAIL**



FIRE LANE SIGN
NTS

1. SIGNS SHALL BE TWELVE (12) INCHES WIDE BY EIGHTEEN (18) INCHES IN HEIGHT. WHITE WITH TWO-INCH HIGH RED LETTERS NOT LESS THAN ONE-HALF INCH WIDE TO READ "NO PARKING FIRE LANE BY ORDER OF THE FIRE DEPARTMENT".
2. SIGNS SHALL BE FREESTANDING, DOUBLE FACED, SPACED NOT GREATER THAN 60 FEET APART.
3. SIGNS SHALL BE MOUNTED ON METAL POSTS, NOT LESS THAN TWO (2) INCHES IN SIZE WITH BOTTOM OF SIGN NOT LESS THAN SEVEN (7) FEET FROM GRADE TO BOTTOM OF SIGN.
4. WHERE A CURB IS PROVIDED, FOUR (4) INCHES OF CURB TOP AND FACE TO BE TRAFFIC YELLOW (F.D.O.T. TRAFFIC RATED PAVEMENT PAINT). STRIPES FOUR (4) INCHES WIDE EXTENDING OUTWARD TO A WIDTH OF FOUR (4) FEET FROM CURB WITH TWO (2) FEET BETWEEN EACH STRIP. STRIPING TO BE TRAFFIC YELLOW F.D.O.T. TRAFFIC RATED PAVEMENT PAINT.
5. LETTERS NOT LESS THAN EIGHTEEN (18) INCHES IN HEIGHT AND NOT LESS THAN FOUR (4) INCHES WIDE WITH THE STRIPING. LETTERING TO READ "NO PARKING - FIRE LANE". LETTERING TO BE TRAFFIC YELLOW F.D.O.T. TRAFFIC RATED PAVEMENT PAINT.
6. SIGNS AND PAINTING ARE TO BE MAINTAINED BY THE RESPONSIBLE PARTY OF THE PROPERTY.

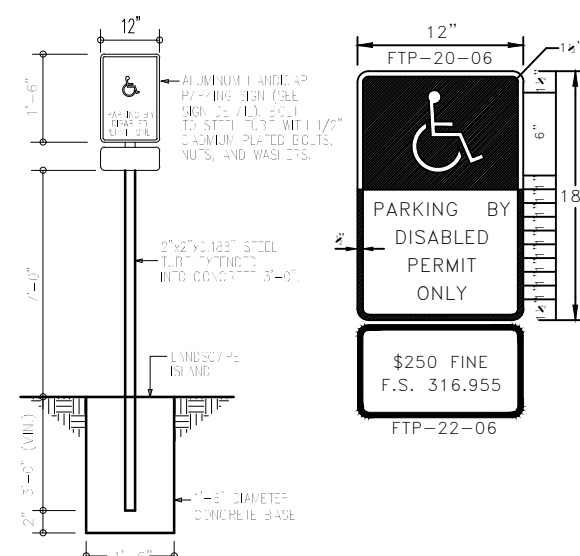


FIRE LANE STRIPING

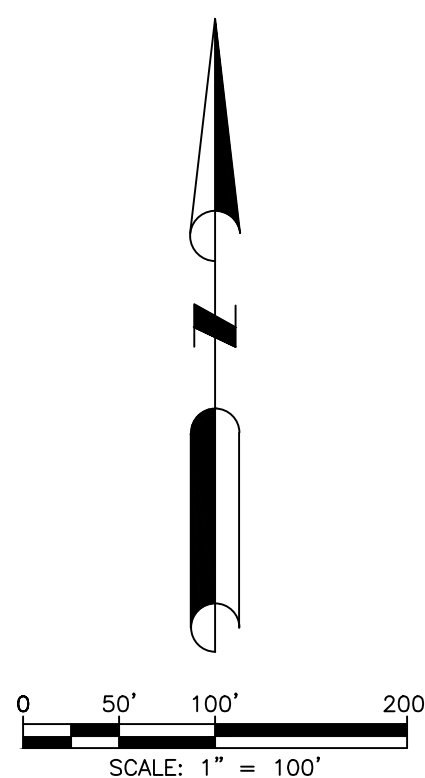
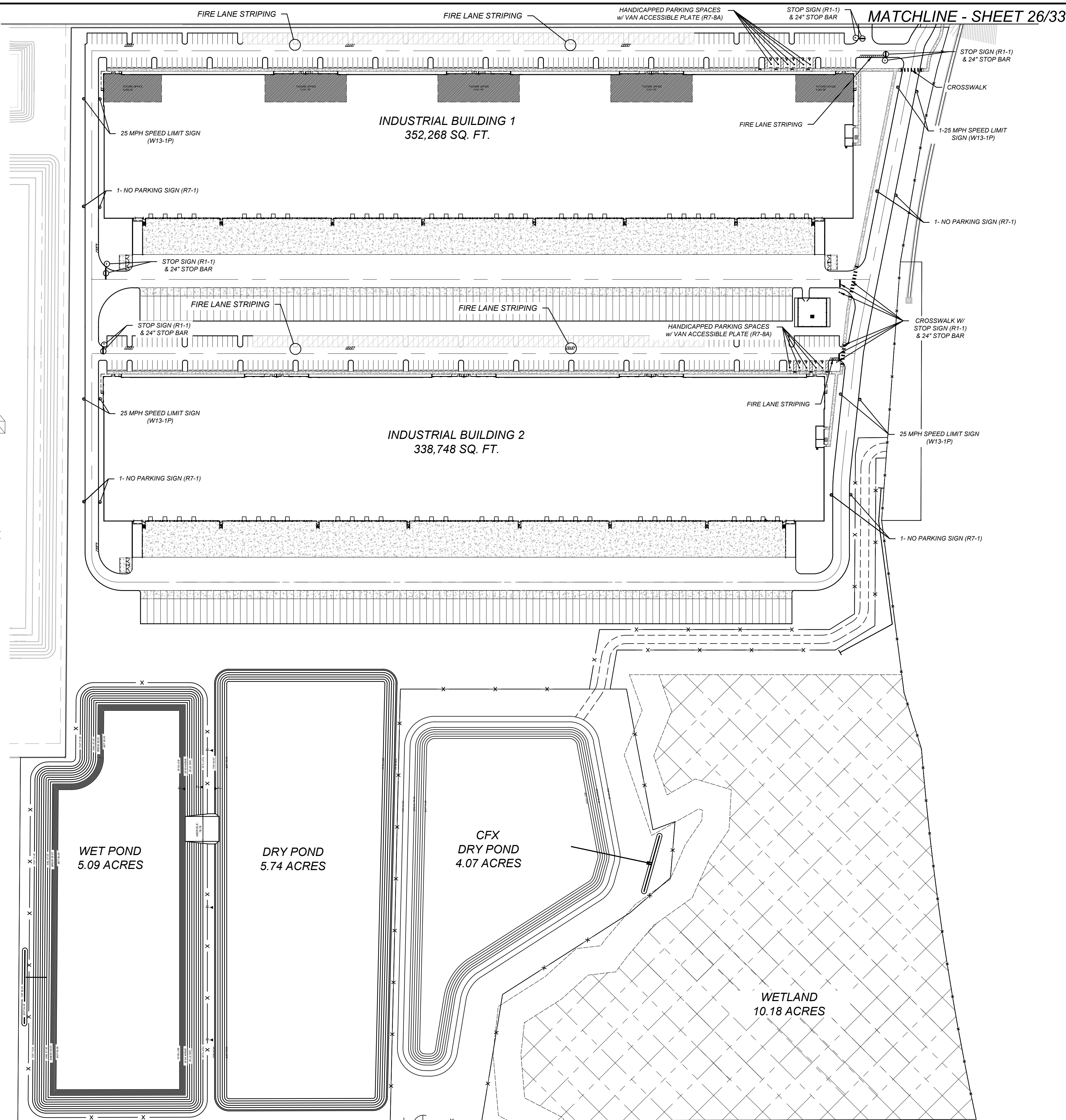
NOTE:
A BLUE REFLECTIVE PAVEMENT MARKER (RPM)
SHALL BE PLACED IN THE CENTER OF THE TRAVELED
LANE OPPOSITE EACH FIRE HYDRANT. ALL RPM'S
SHALL BE CLASS B PER FDOT INDEX 17352.

VAN
ACCESSIBLE

"VAN ACCESSABLE" PLATE



HANDICAP SIGN

[illegible]

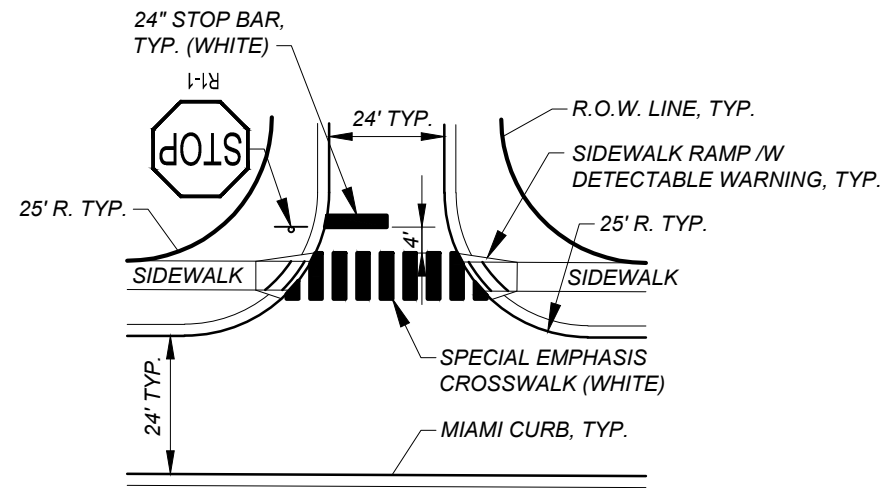
DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

SIGNING & STRIPING PLAN

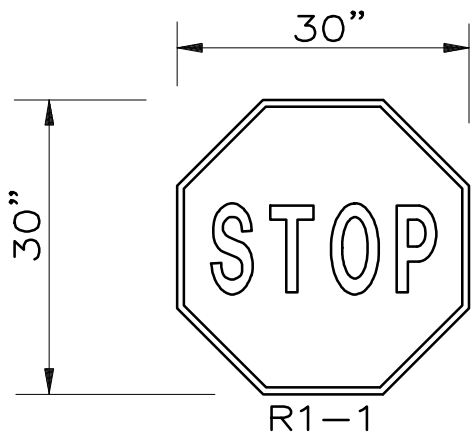
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 25 OF 33

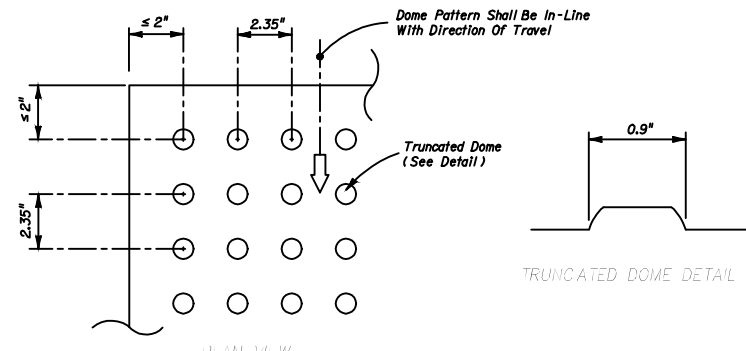
F:\VANC7\CAD\PlanSet\Final\25-26 SIGNING & STRIPING PLAN.dwg,7/20/2023 10:35:13 AM



TYPICAL INTERSECTION SIGNING & STRIPING DETAIL



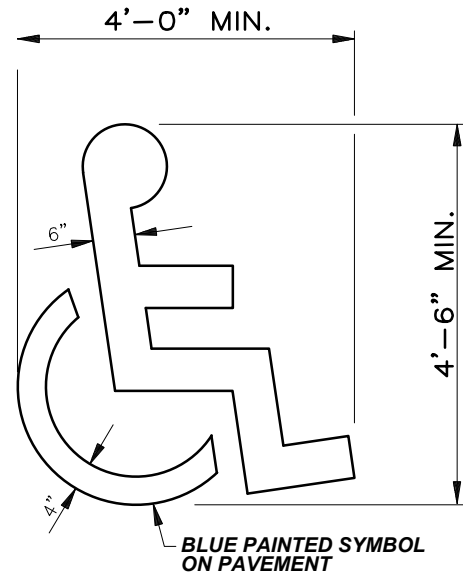
TYPICAL STOP SIGN



CURB RAMP DETECTABLE WARNING

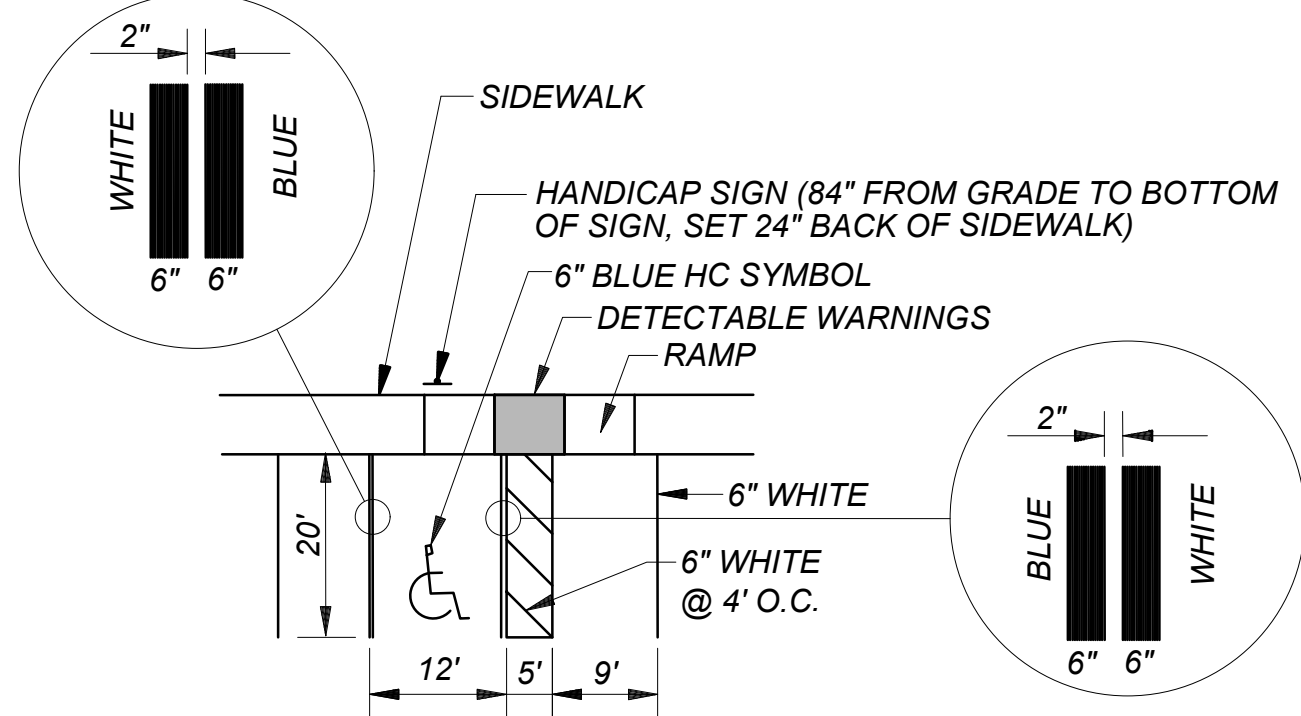


FIRE LANE SIGN



INTERNATIONAL HANDICAP SYMBOL

NOTE:
A BLUE REFLECTIVE PAVEMENT MARKER (RPM)
SHALL BE PLACED IN THE CENTER OF THE TRAVELED
LANE OPPOSITE EACH FIRE HYDRANT. ALL RPM'S
SHALL BE CLASS 'B' PER FDOT INDEX 17352.



TYPICAL HANDICAP PARKING STRIPING PLAN

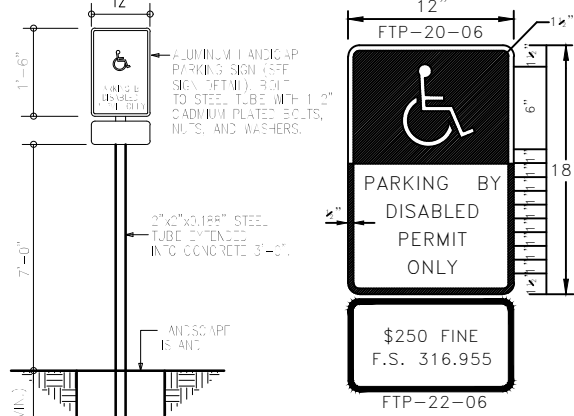
1. SIGNS SHALL BE TWELVE (12) INCHES WIDE BY EIGHTEEN (18) INCHES IN HEIGHT, WHITE WITH TWO-INCH HIGH RED LETTERS NOT LESS THAN ONE-HALF INCH WIDE TO READ "NO PARKING FIRE LANE BY ORDER OF THE FIRE DEPARTMENT".
2. SIGNS SHALL BE FREESTANDING, DOUBLE FACED, SPACED NOT GREATER THAN 60 FEET APART.
3. SIGNS SHALL BE MOUNTED ON METAL POSTS, NOT LESS THAN TWO (2) INCHES IN SIZE WITH BOTTOM OF SIGN NOT LESS THAN SEVEN (7) FEET FROM GRADE TO BOTTOM OF SIGN.
4. WHERE A CURB IS PROVIDED, FOUR (4) INCHES OF CURB TOP AND FACE TO BE TRAFFIC YELLOW (F.D.O.T. TRAFFIC RATED PAVEMENT PAINT), STRIPES FOUR (4) INCHES WIDE EXTENDING OUTWARD TO A WIDTH OF FOUR (4) FEET FROM CURB WITH TWO (2) FEET BETWEEN EACH STRIPE. STRIPING TO BE TRAFFIC YELLOW F.D.O.T. TRAFFIC RATED PAVEMENT PAINT.
5. LETTERS NOT LESS THAN EIGHTEEN (18) INCHES IN HEIGHT AND NOT LESS THAN FOUR INCHES IN WIDTH WITHIN THE STRIPING; LETTERING TO READ "NO PARKING - FIRE LANE". LETTERING TO BE TRAFFIC YELLOW F.D.O.T. TRAFFIC RATED PAVEMENT PAINT.
6. SIGNS AND PAINTING ARE TO BE MAINTAINED BY THE RESPONSIBLE PARTY OF THE PROPERTY.



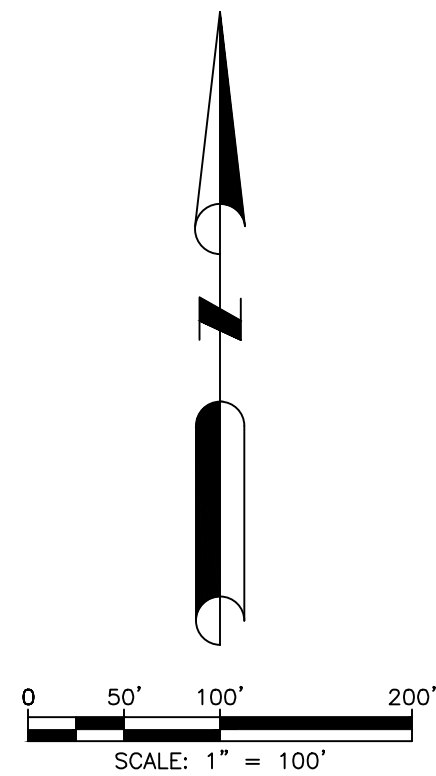
FIRE LANE STRIPING



"VAN ACCESSIBLE" PLATE



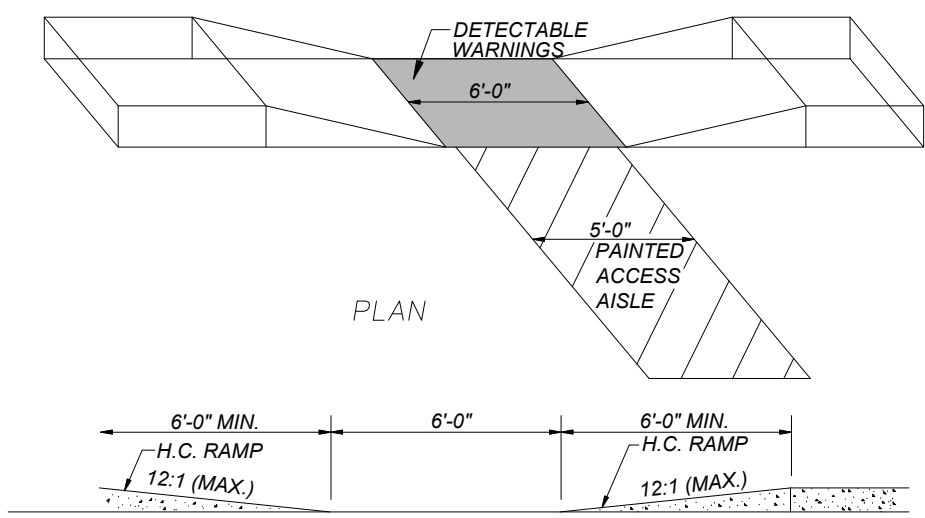
HANDICAP SIGN



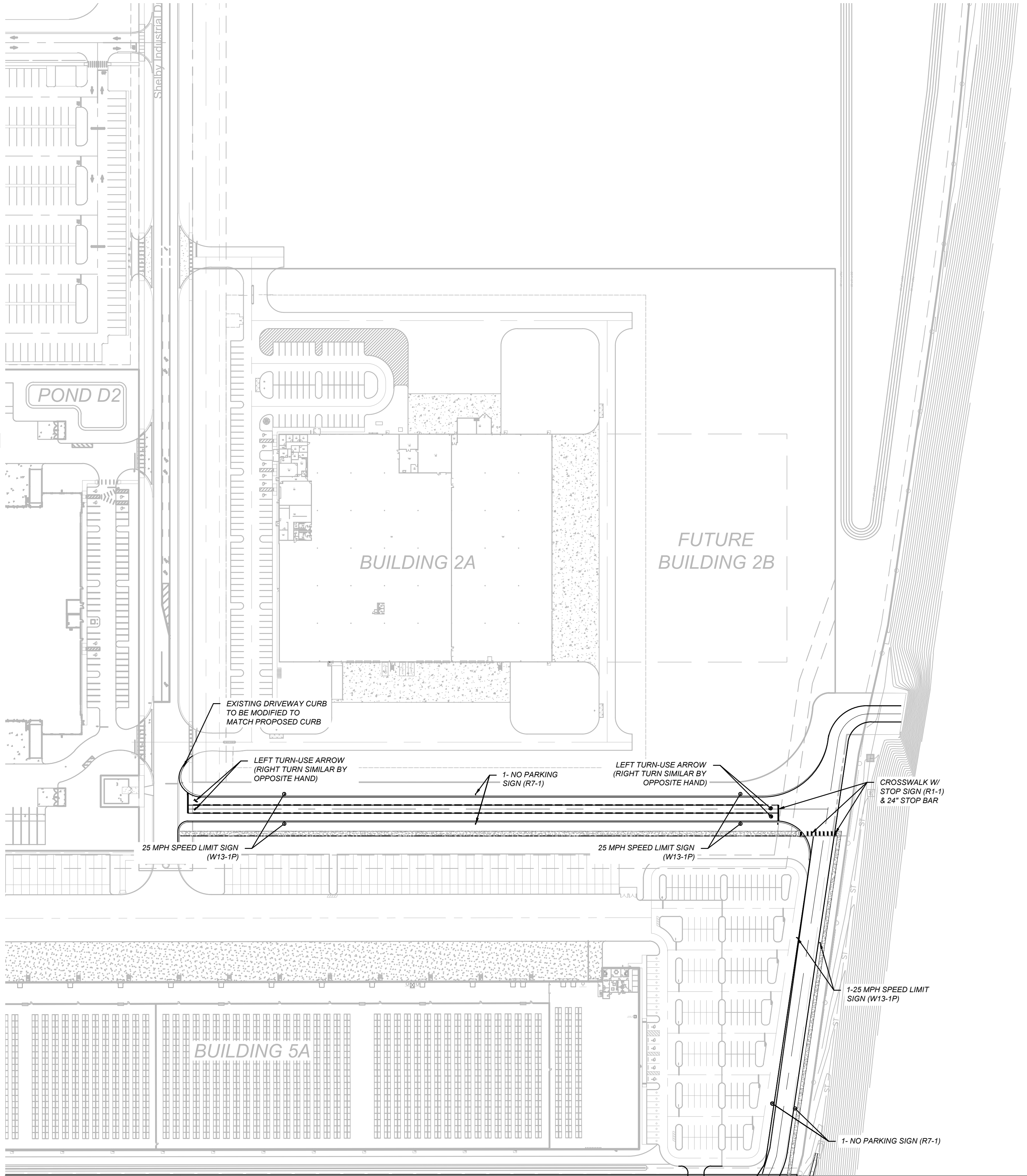
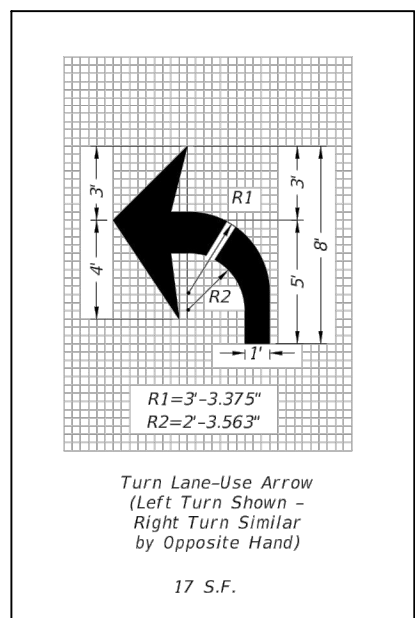
NO PARKING ON STREET SIGN DETAIL



TYPICAL SPEED LIMIT SIGN



HANDICAP RAMP DETAIL



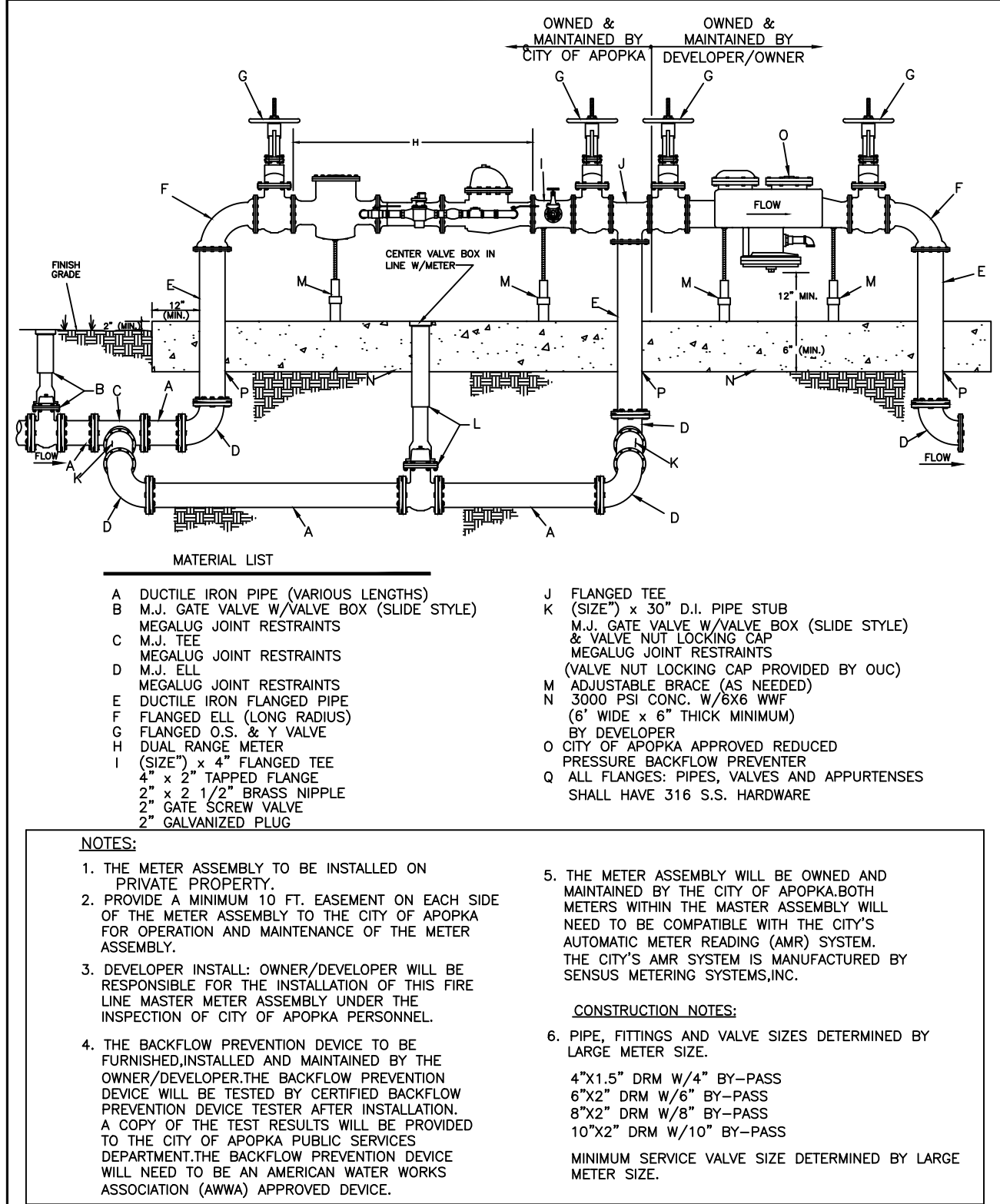
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

OFFSITE SIGNING & STRIPING PLAN
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: 1" = 100'
SHEET: 26 OF 33

F:\ANC7\CAD\Planset\Final\27-29 UTILITY DETAILS.dwg,6/6/2023 7:09:42 PM

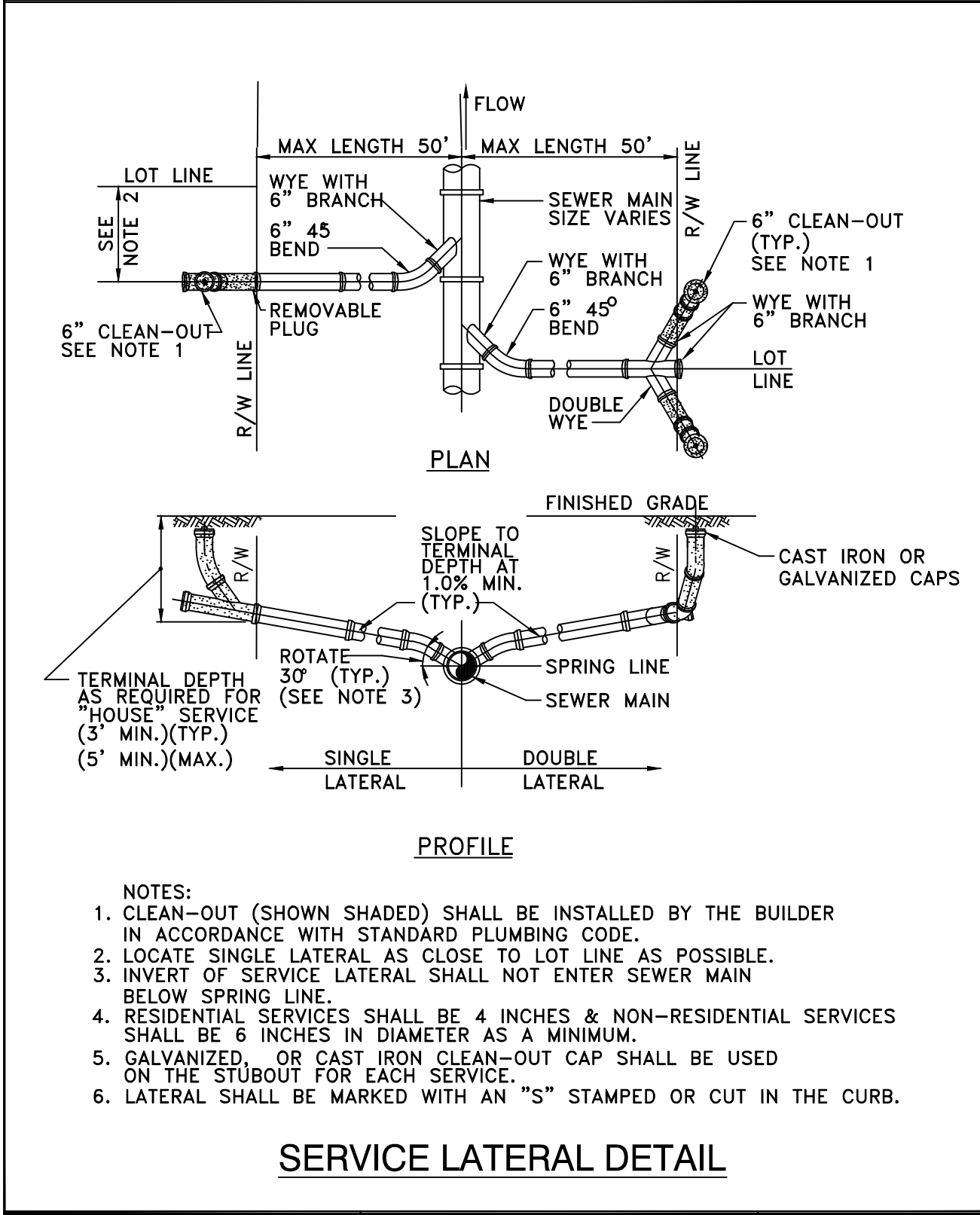


FIRE LINE MASTER METER ASSEMBLY W/ BY-PASS (TYPICAL)

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 500 C

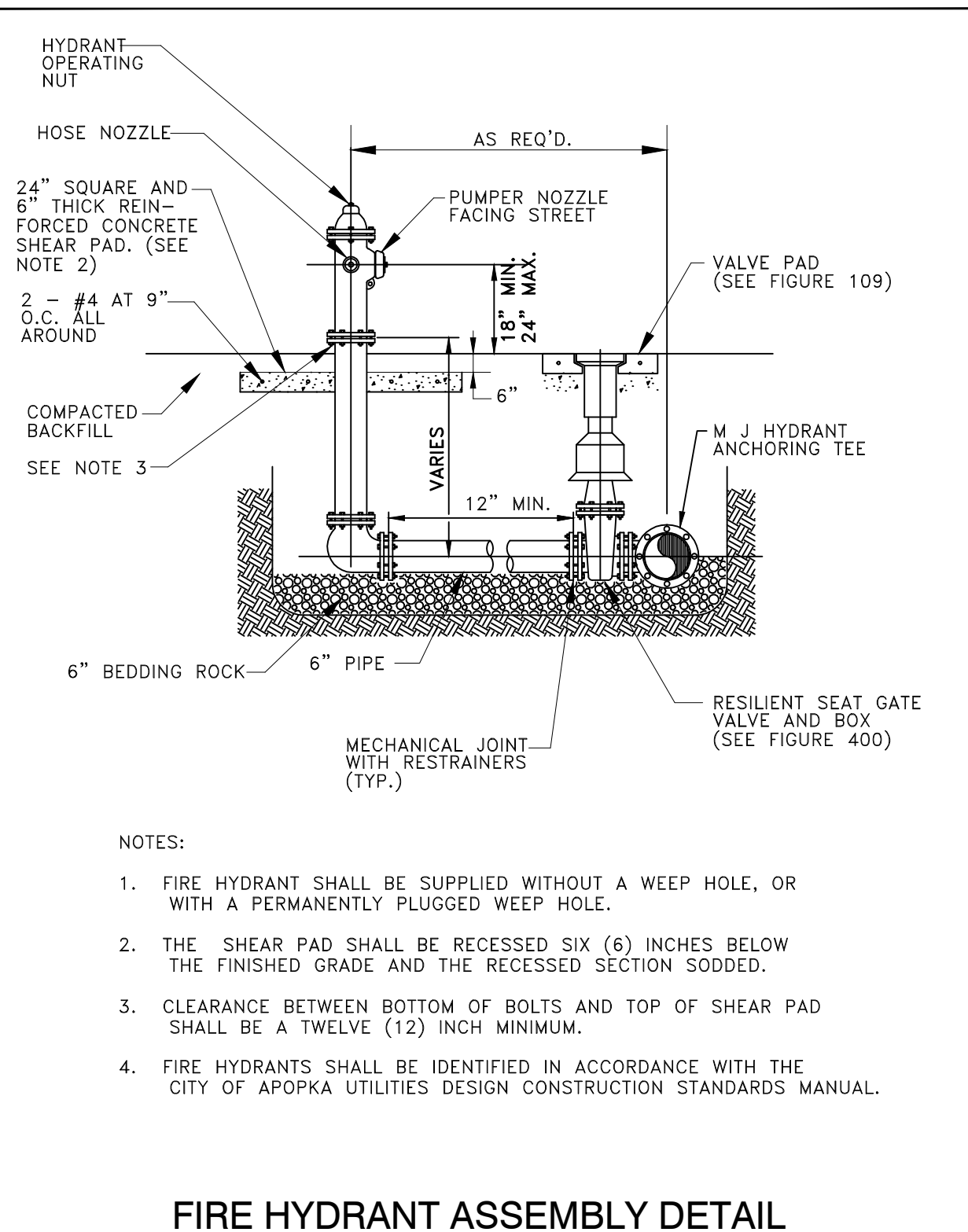


SERVICE LATERAL DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 204

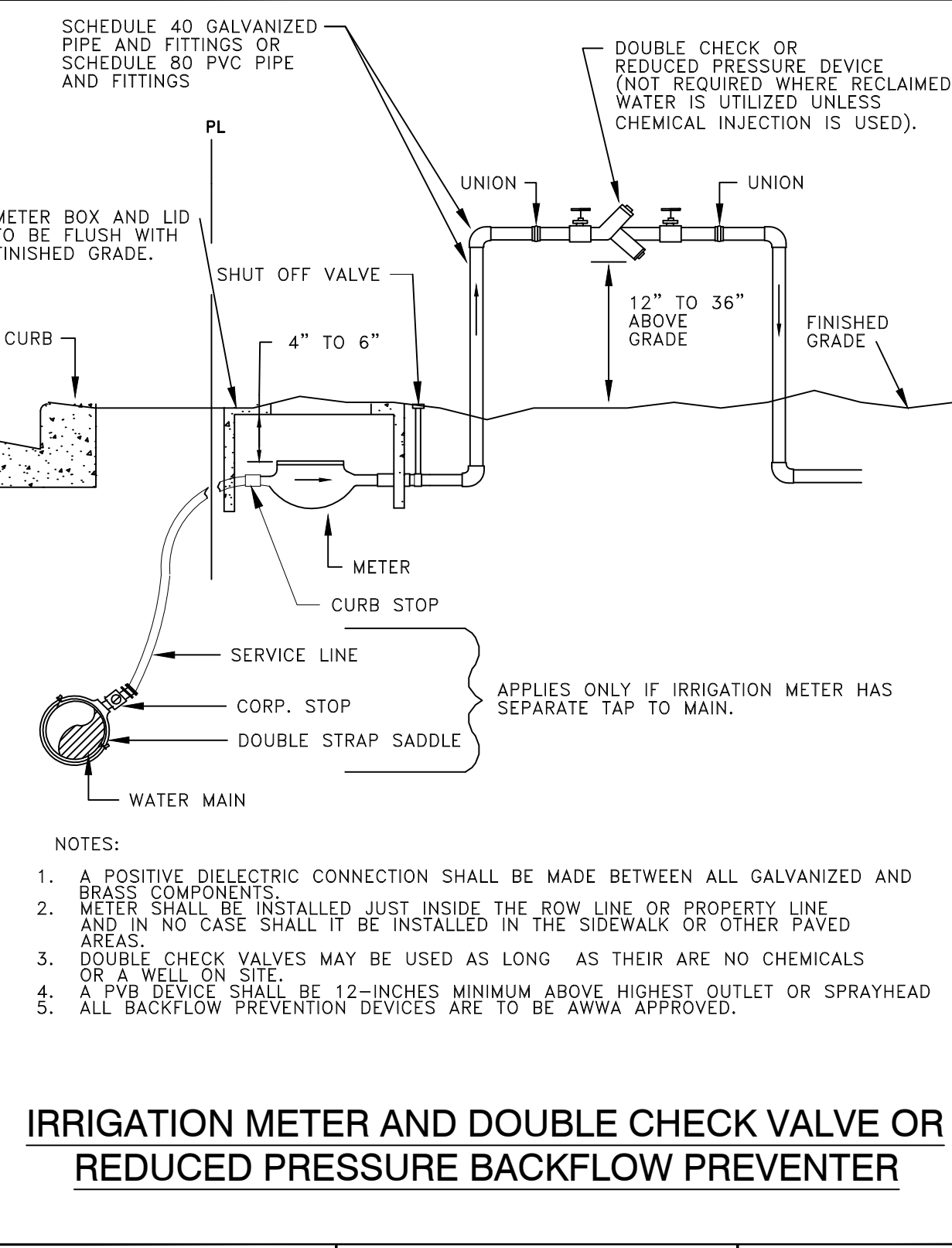


FIRE HYDRANT ASSEMBLY DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 402

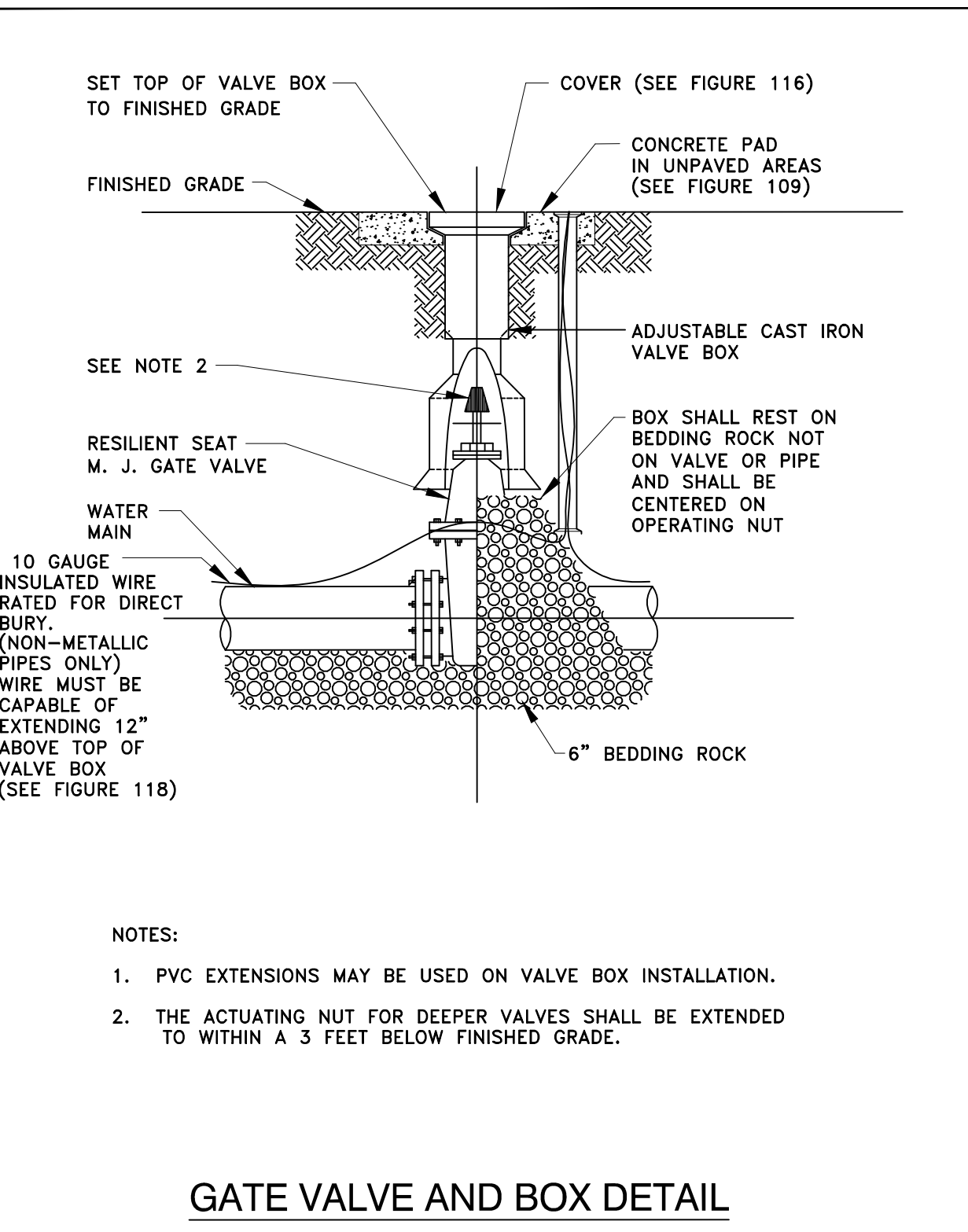


IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 502

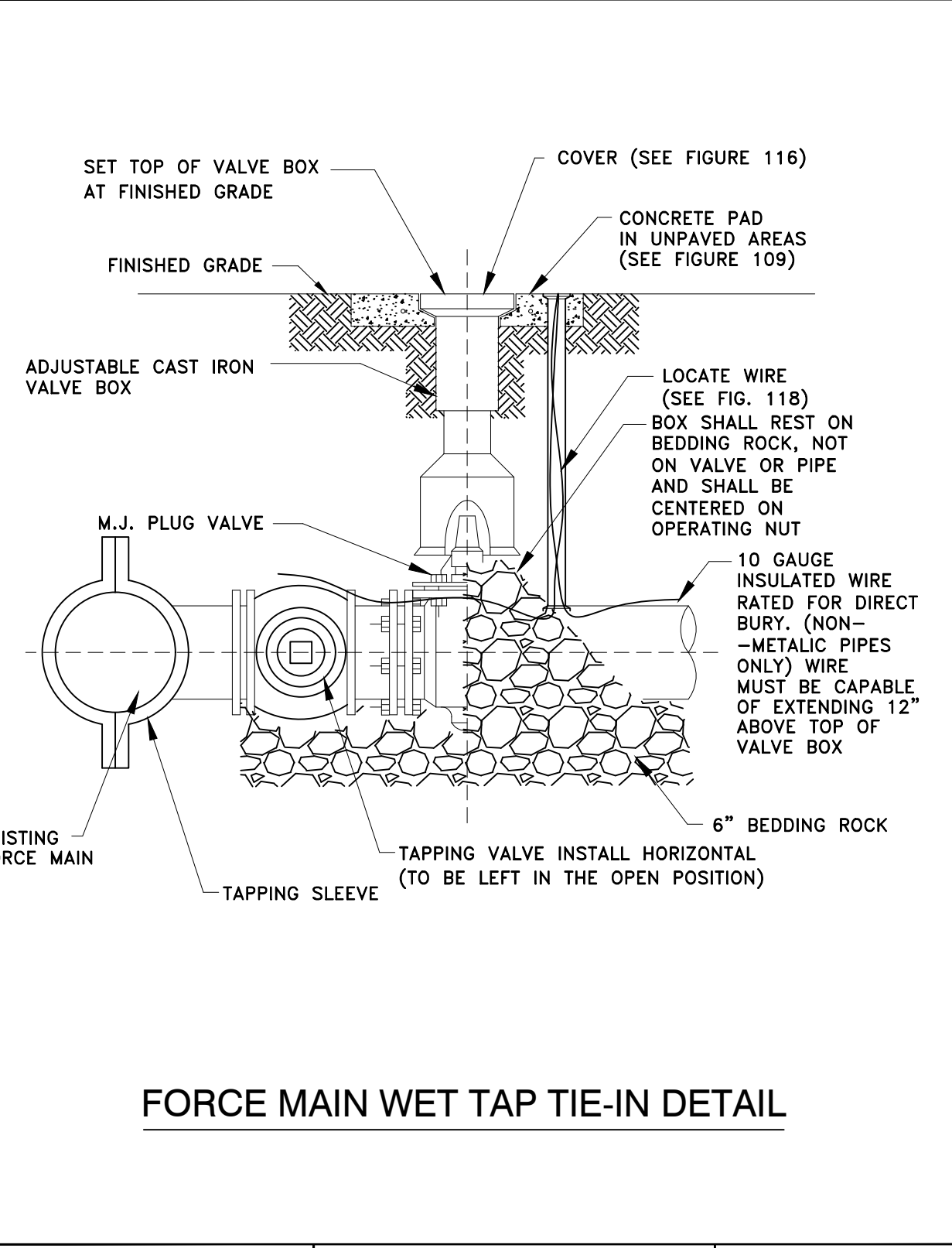


GATE VALVE AND BOX DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 400

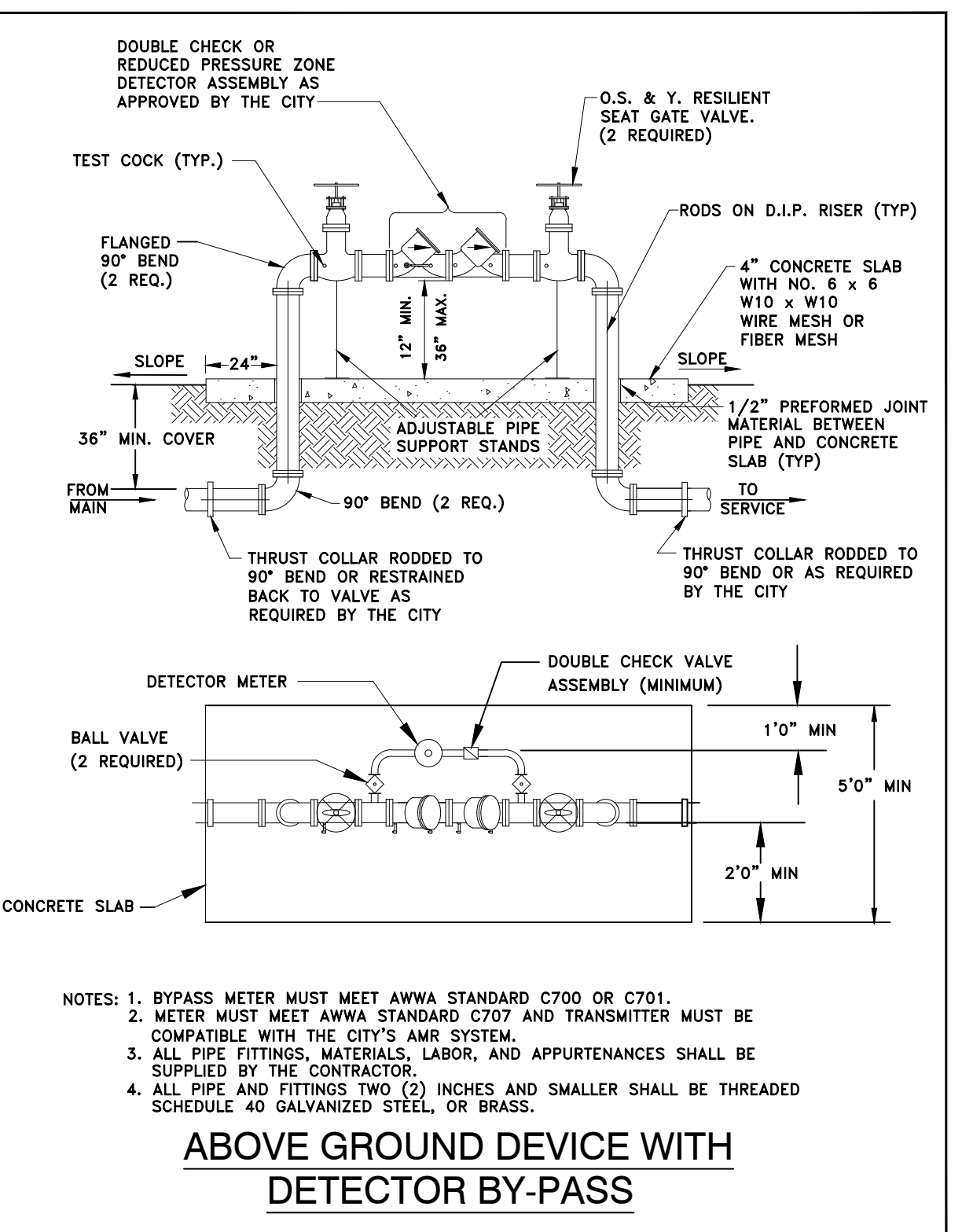


FORCE MAIN WET TAP TIE-IN DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 206

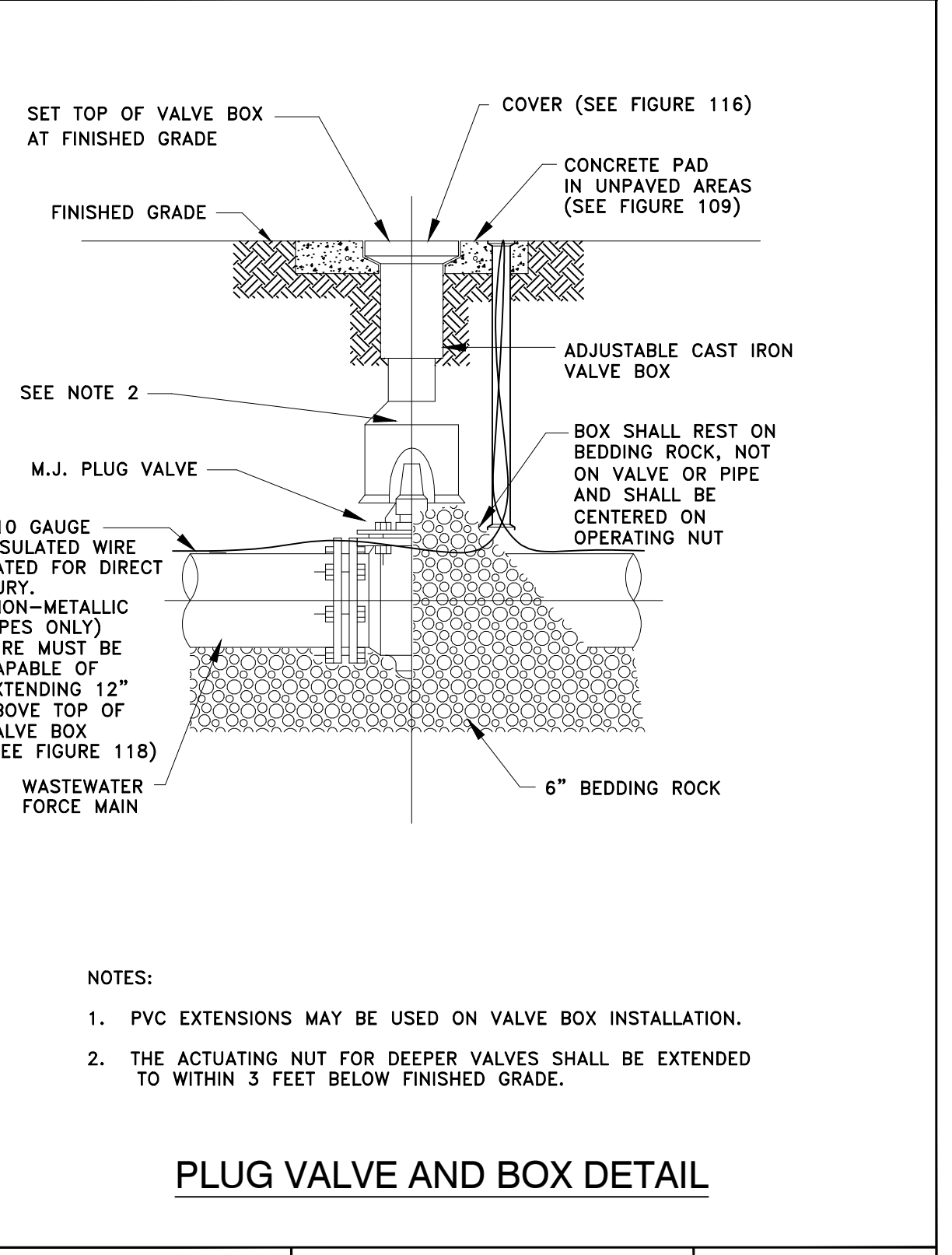


PLUG VALVE AND BOX DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 500 B



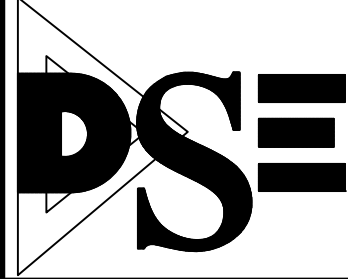
ABOVE GROUND DEVICE WITH DETECTOR BY-PASS

2 INCH AND ABOVE ASSEMBLY

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 400 A



DAVE SCHMITT
ENGINEERING, INC.
12301 LAKE UNDERHILL ROAD SUITE 241
ORLANDO, FL 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

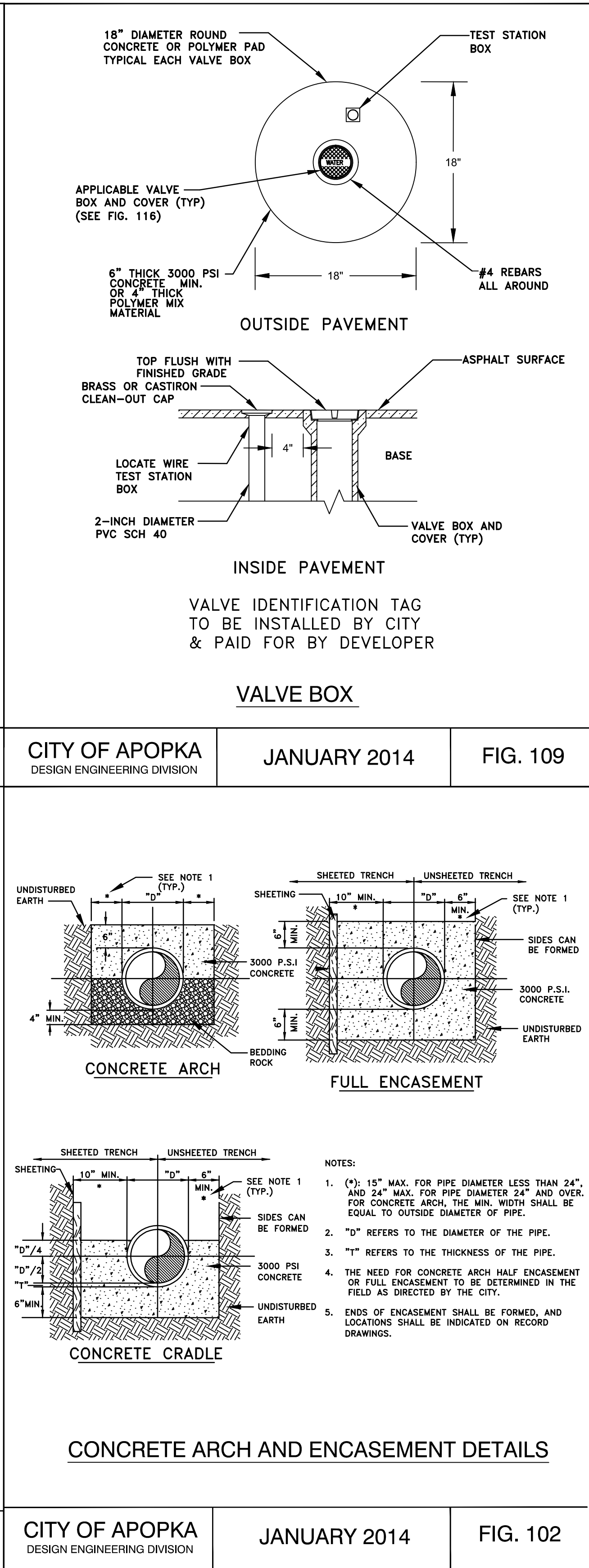
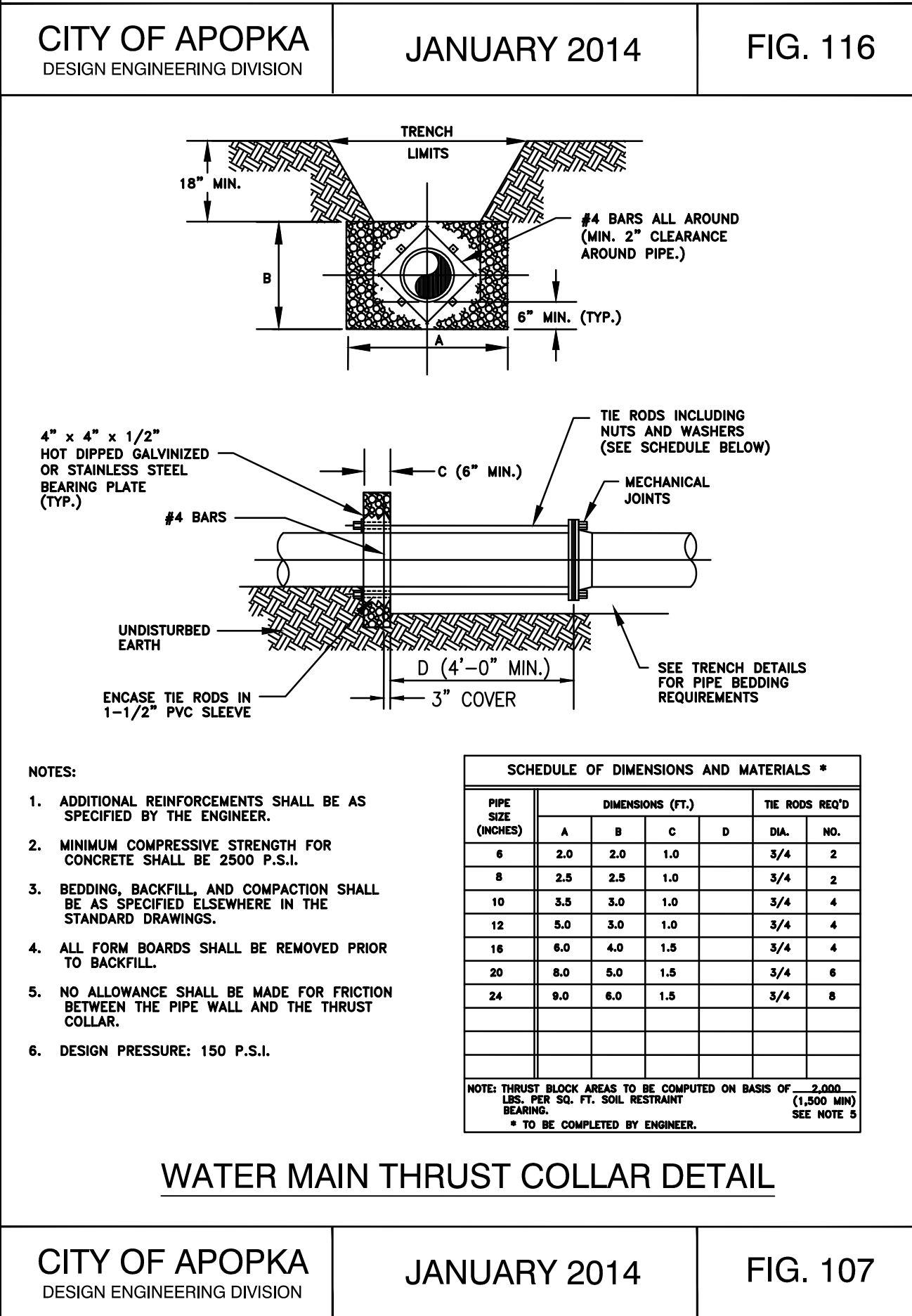
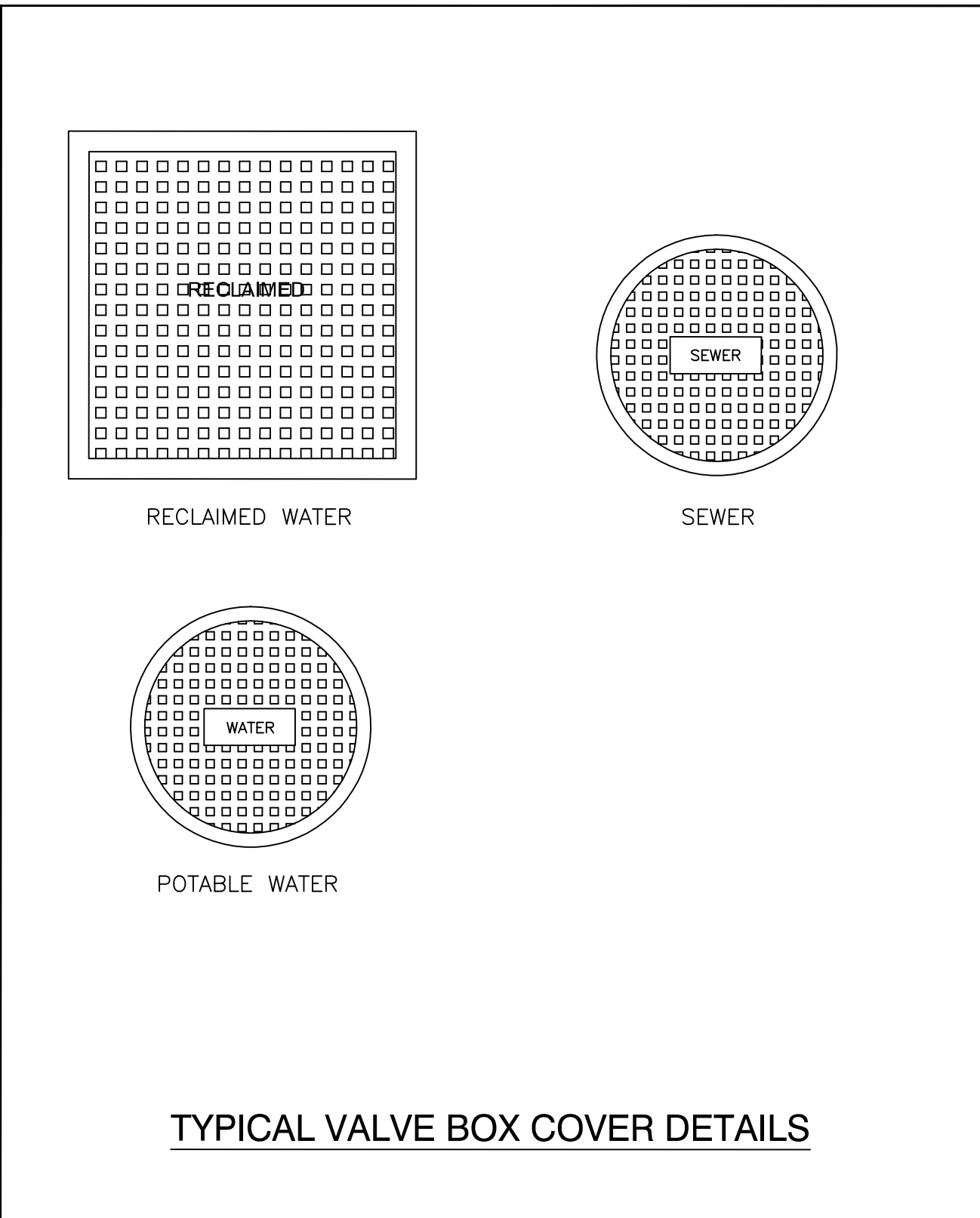
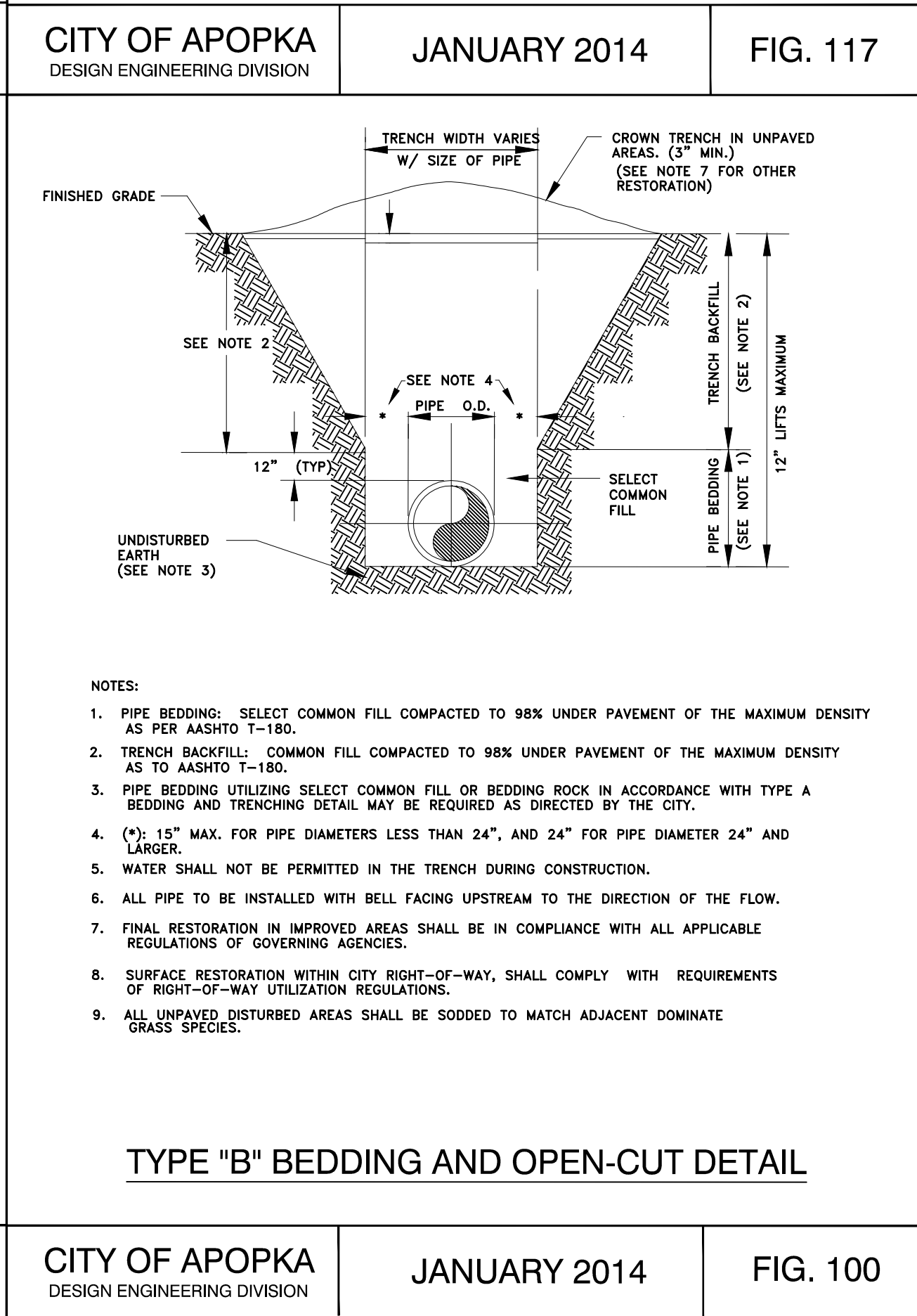
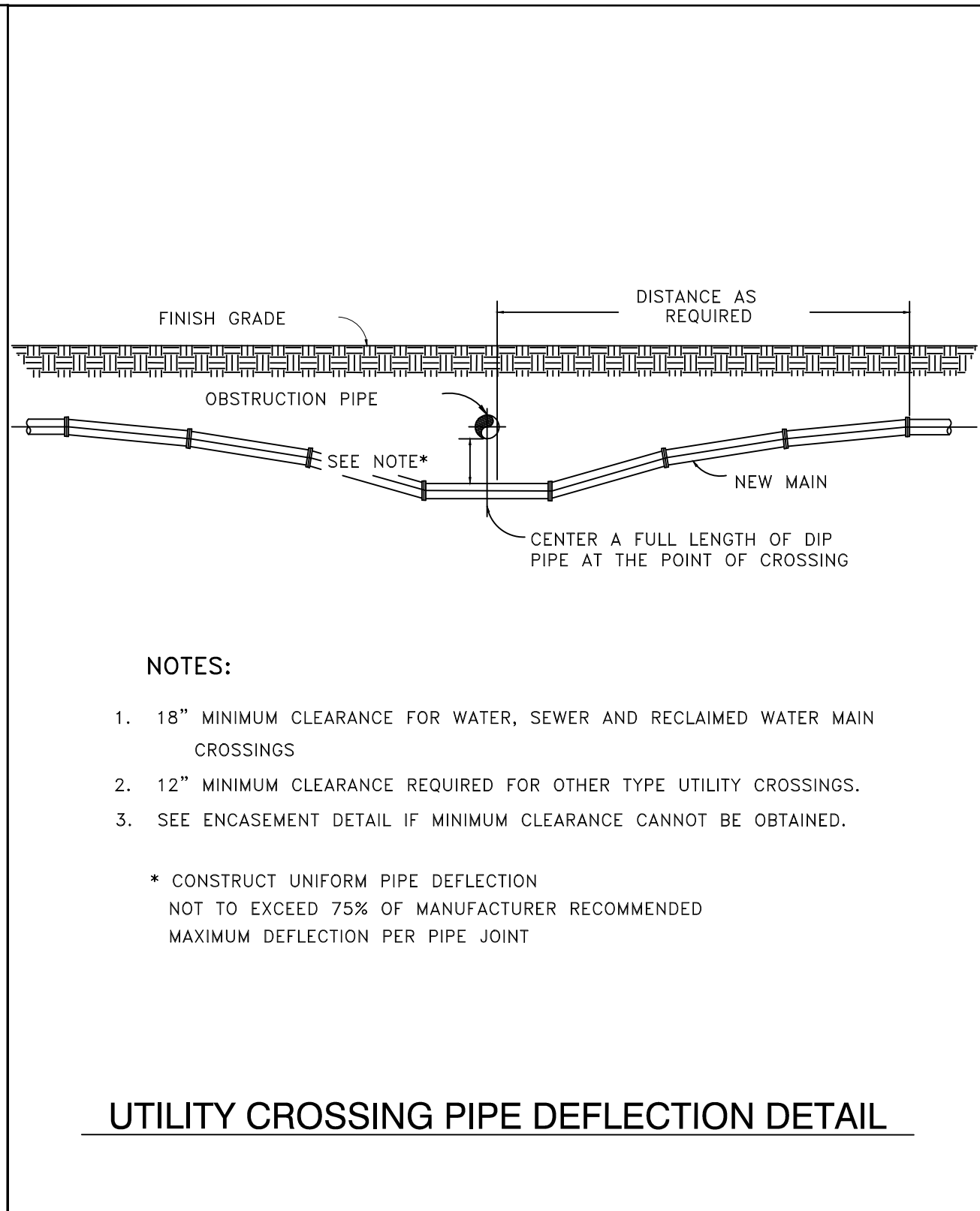
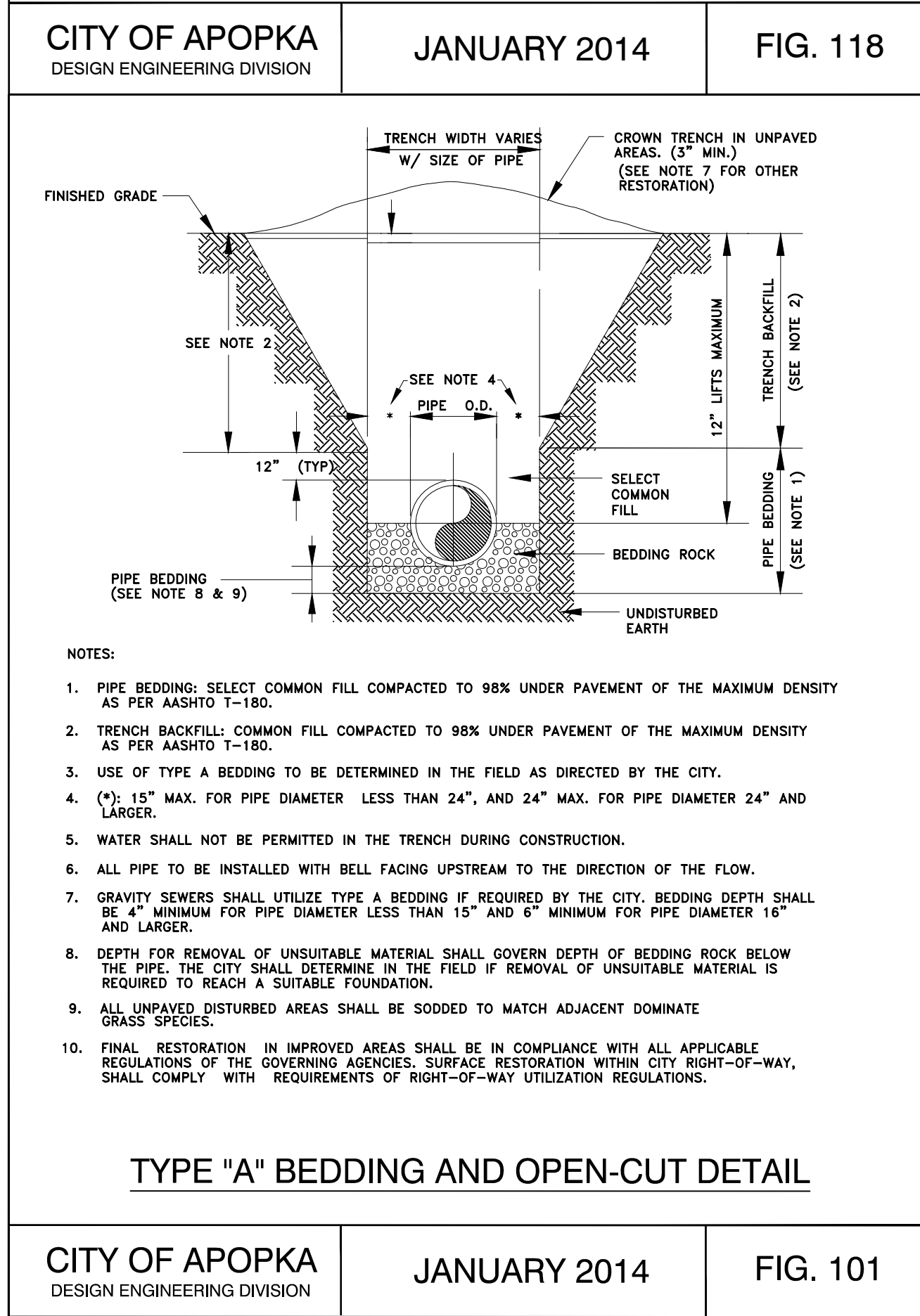
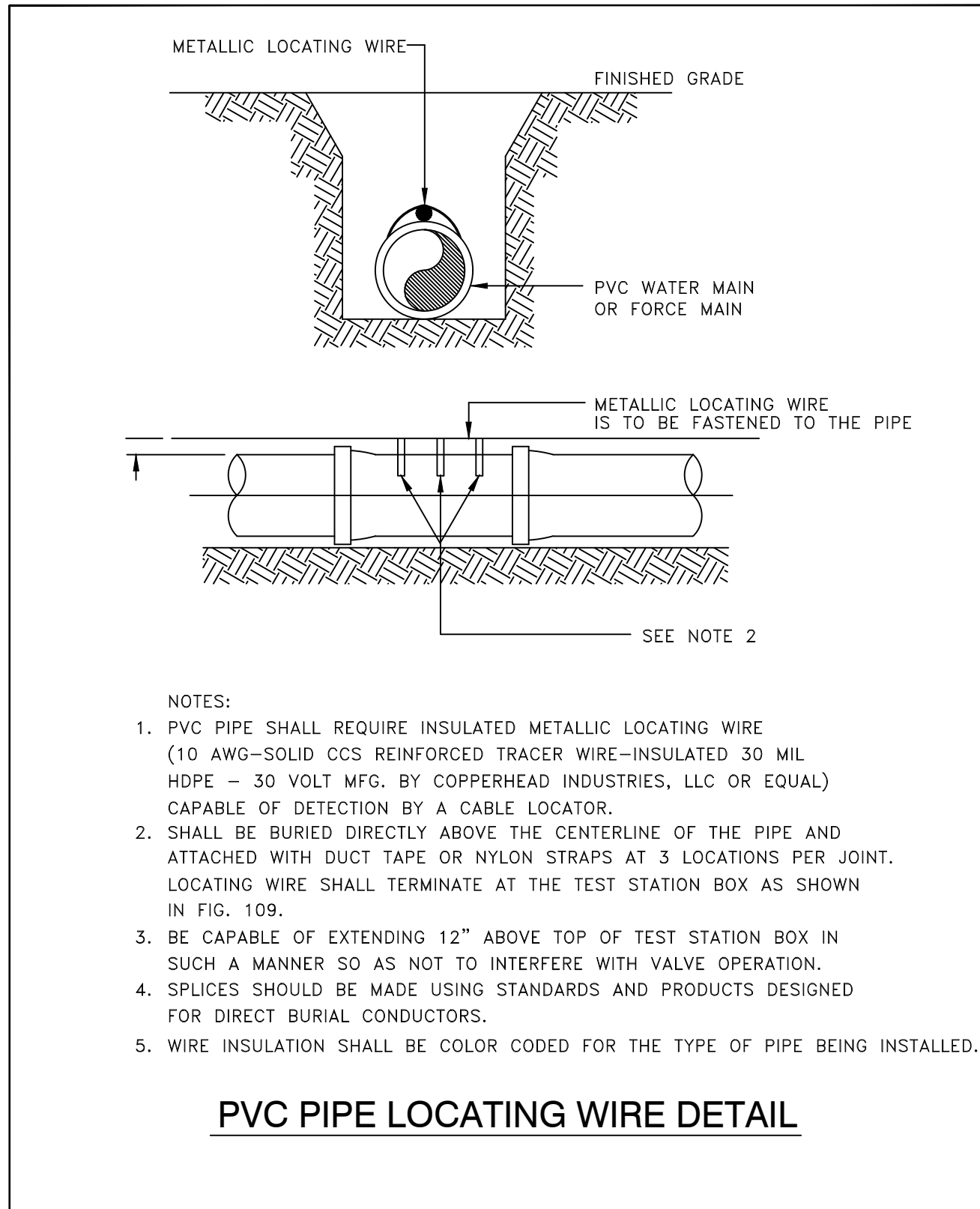
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

UTILITY DETAILS - 1
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 27 OF 33

F:\ANC7\CAD\PlanSet\Final\27-29 UTILITY DETAILS.dwg,6/6/2023 7:09:42 PM



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ENGINEERING, INC.
12301 LAKE UNDERHILL ROAD SUITE 241
ORLANDO, FL 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

UTILITY DETAILS - 2
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

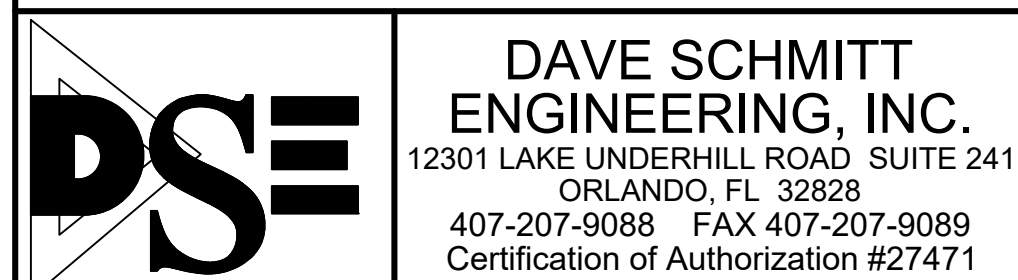
DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 28 OF 33



CITY OF AOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 105
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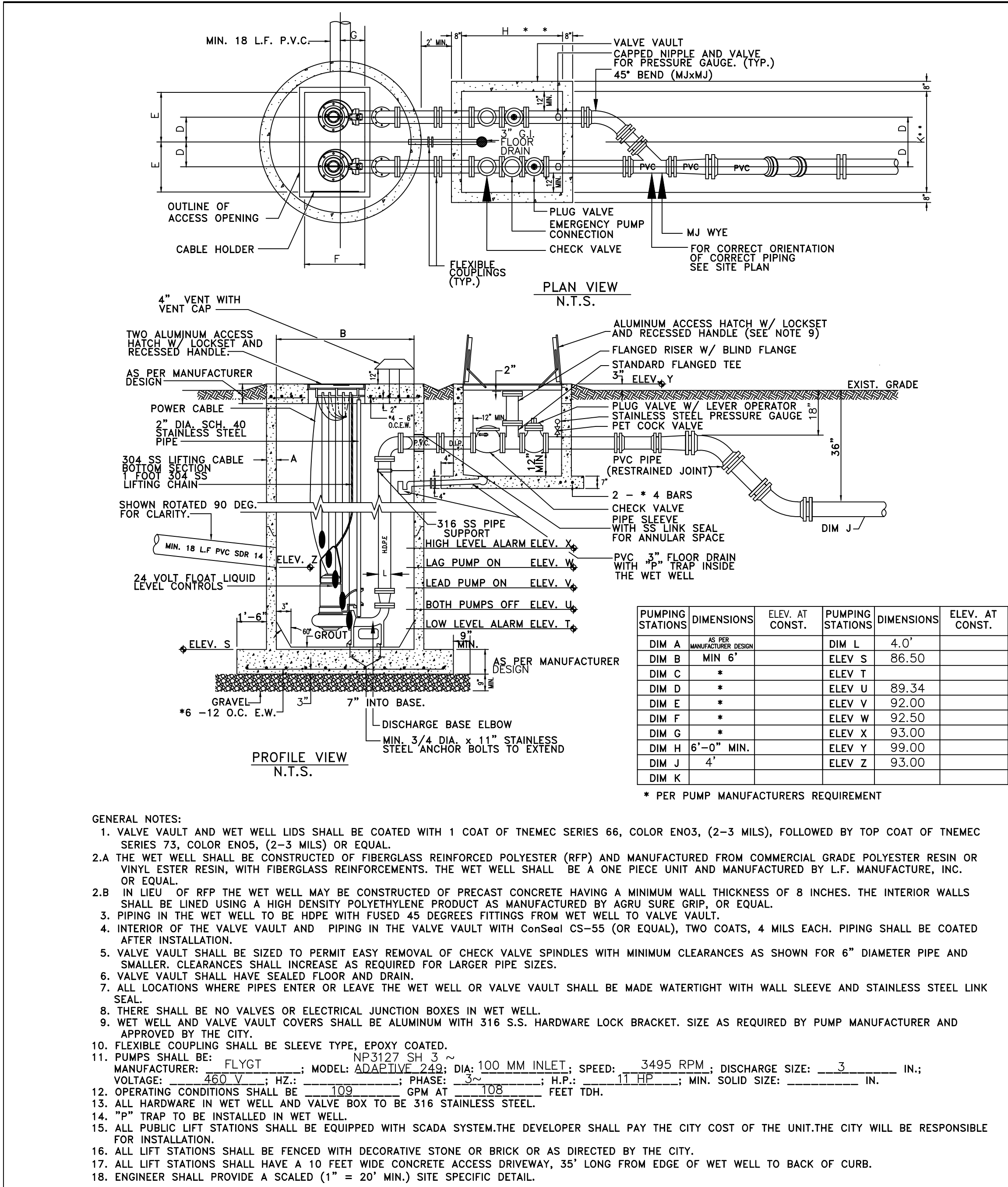
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JAUARY 2014	FIG. 110
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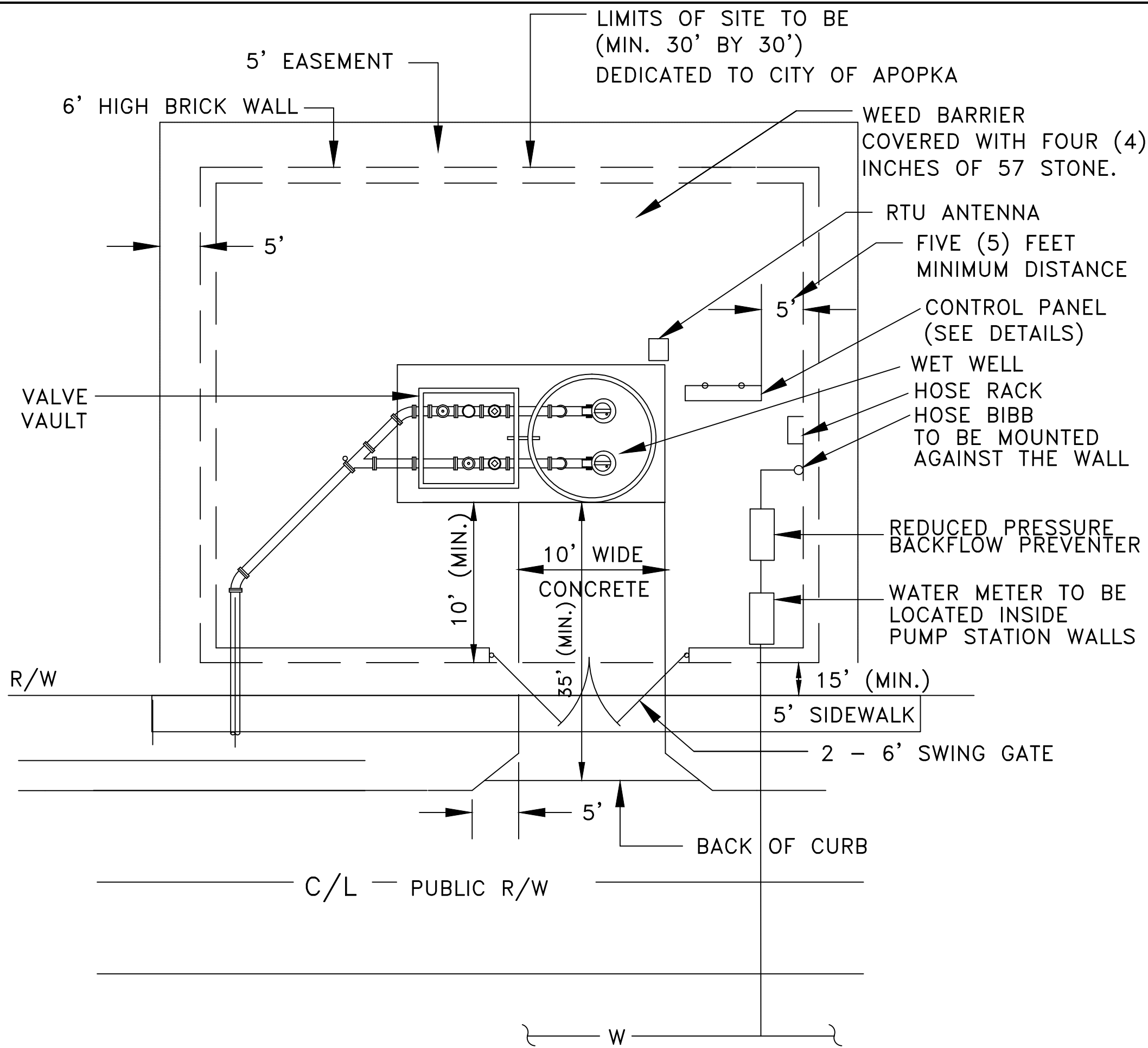
DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 29 OF 33

F:\ANC7\CAD\PlanSet\Final\30-32 LIFT STATION PLANS.dwg;7/21/2023 4:26:05 PM



PUMP STATION DETAIL



NOTES:

- DRIVEWAY AND APRON SHALL BE SIX (6) INCH THICK, 3000 P.S.I. CONCRETE. WITH No.6X6 WIRE MESH OR FIBER MESH.
- POWER TO THE PUMP STATION SHALL BE THROUGH UNDERGROUND CONDUIT FROM SUPPLY SOURCE IN RIGHT-OF-WAY.
- GATE TO BE DECORATIVE BLACK POWDER COATED ALUMINUM W/PICKET SPACING = OR < 4"
- WALLS ARE TO BE BRICK OR DECORATIVE STONE.
- WET WELL LID MUST OPEN TOWARD CONTROL PANEL (HINGE SIDE TOWARD PANEL).
- LIFT STATION WALL TO BE PLACED AT LEAST 15FT. BEHIND THE R/W LINE.

PUMP STATION TYPICAL SITE PLAN

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 301

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 300



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ENGINEERING, INC.
12301 Lake Underhill Road Suite 241
ORLANDO, FL 32826
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

LIFT STATION PLAN - 1
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 30 OF 33

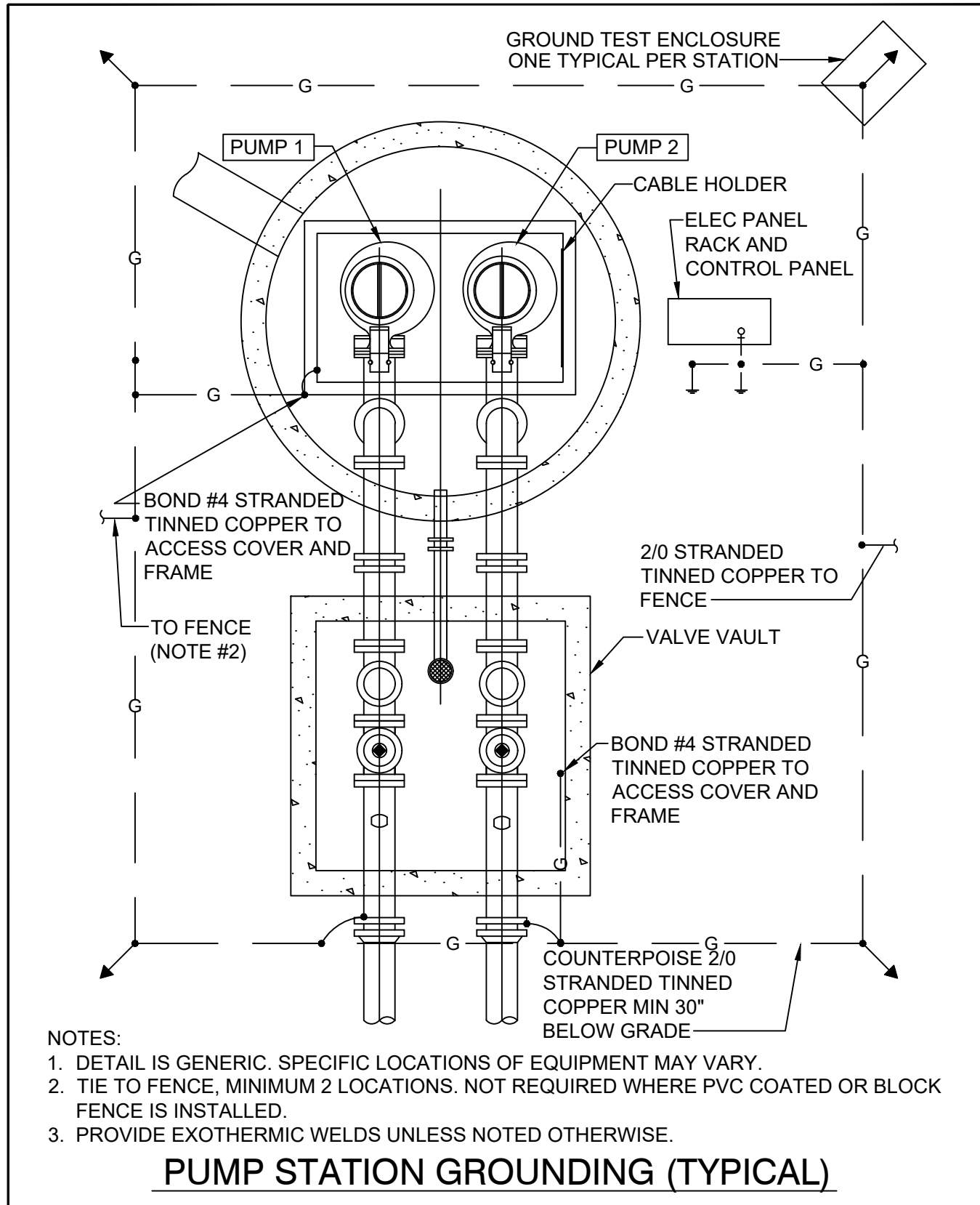
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

LIFT STATION PLAN - 2
MID-FLORIDA SOUTH LOGISTICS PARK
APOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 31 OF 33

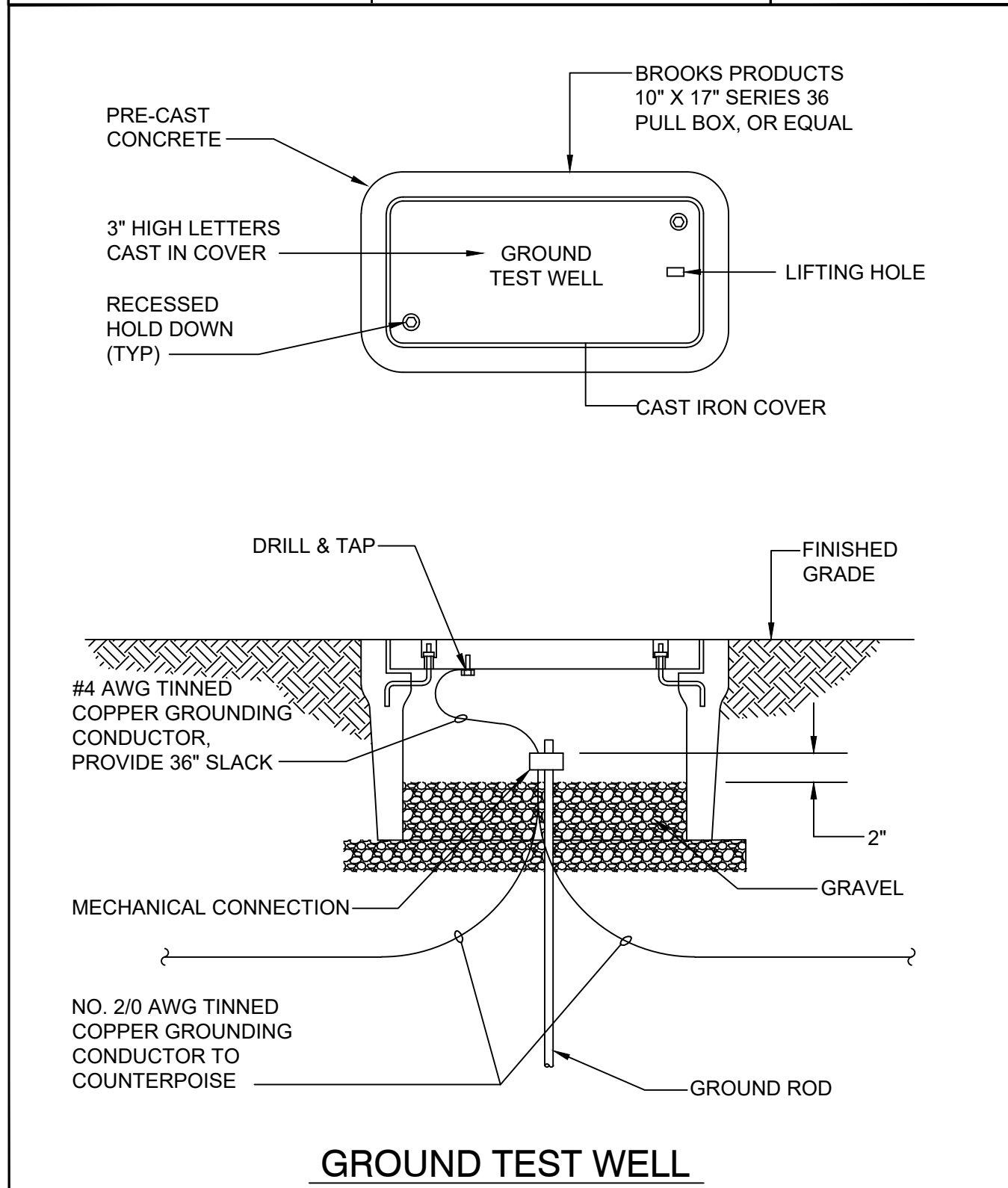
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CITY OF AOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

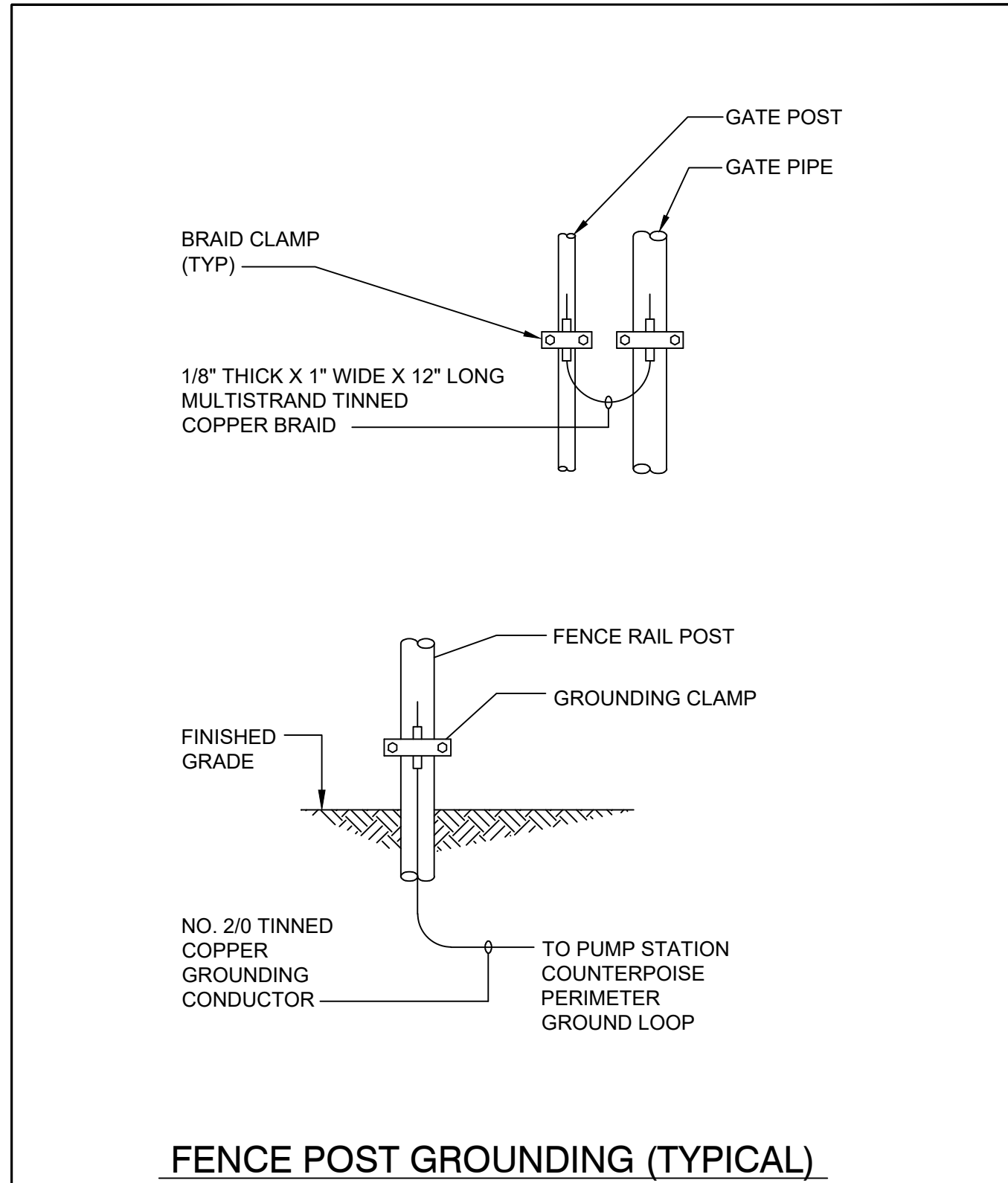
FIG. 307



CITY OF AOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 307 B

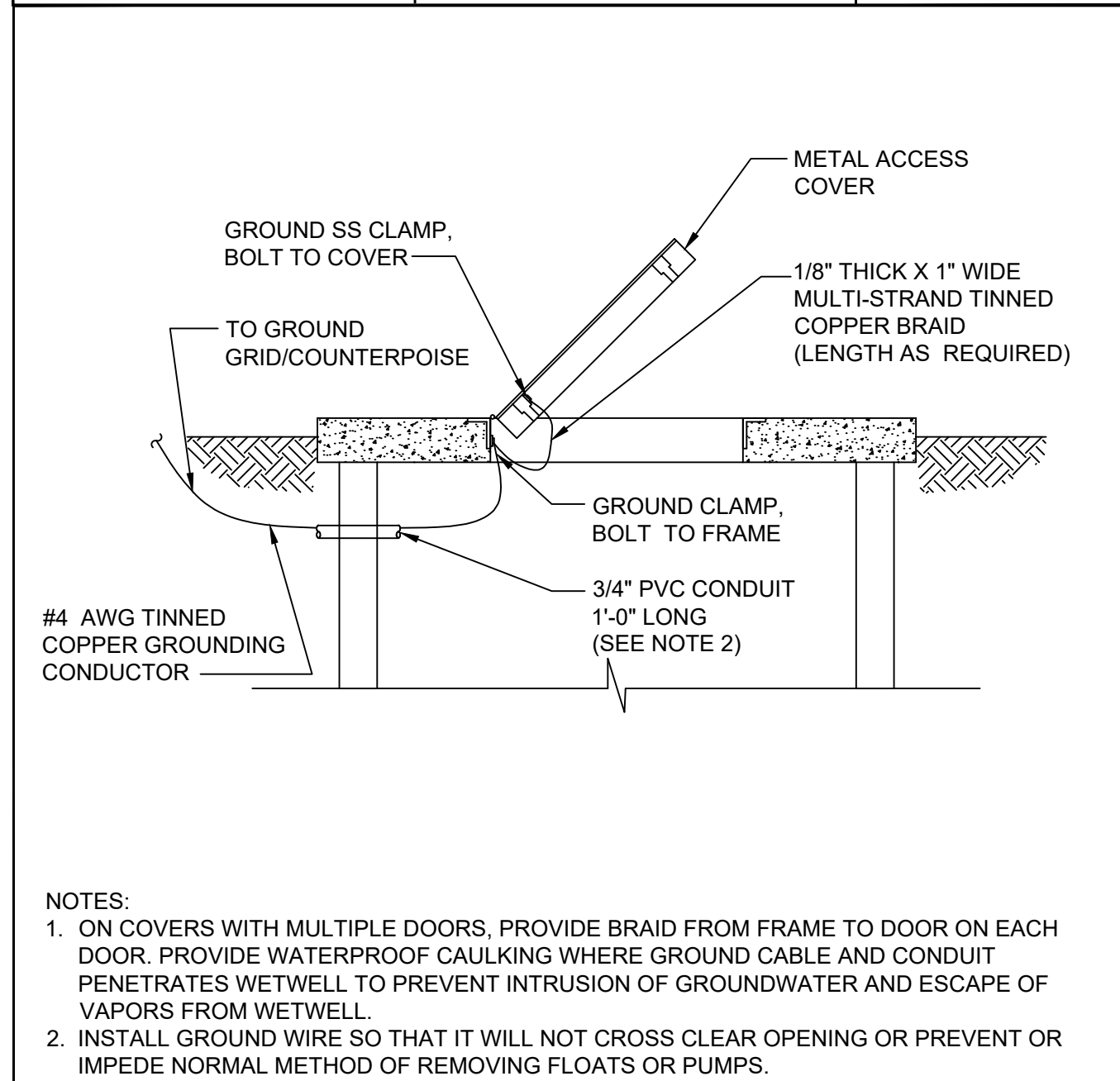


FENCE POST GROUNDING (TYPICAL)

CITY OF AOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 307 A

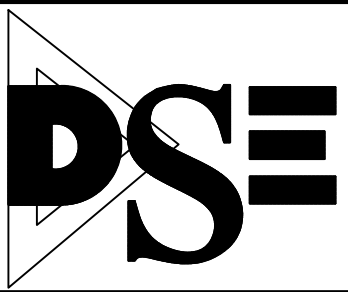


COVER AND DOOR GROUNDING

CITY OF AOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 307 C



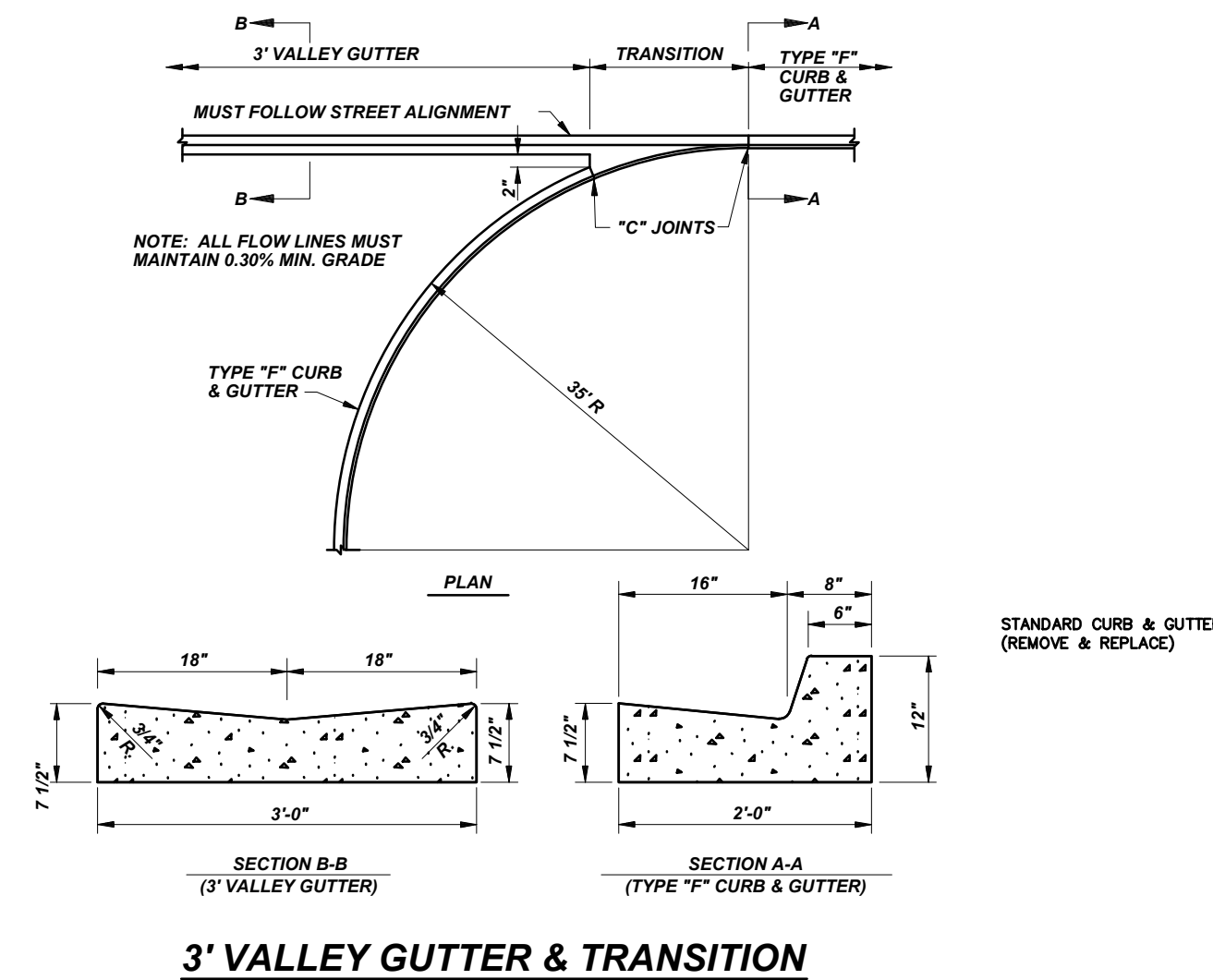
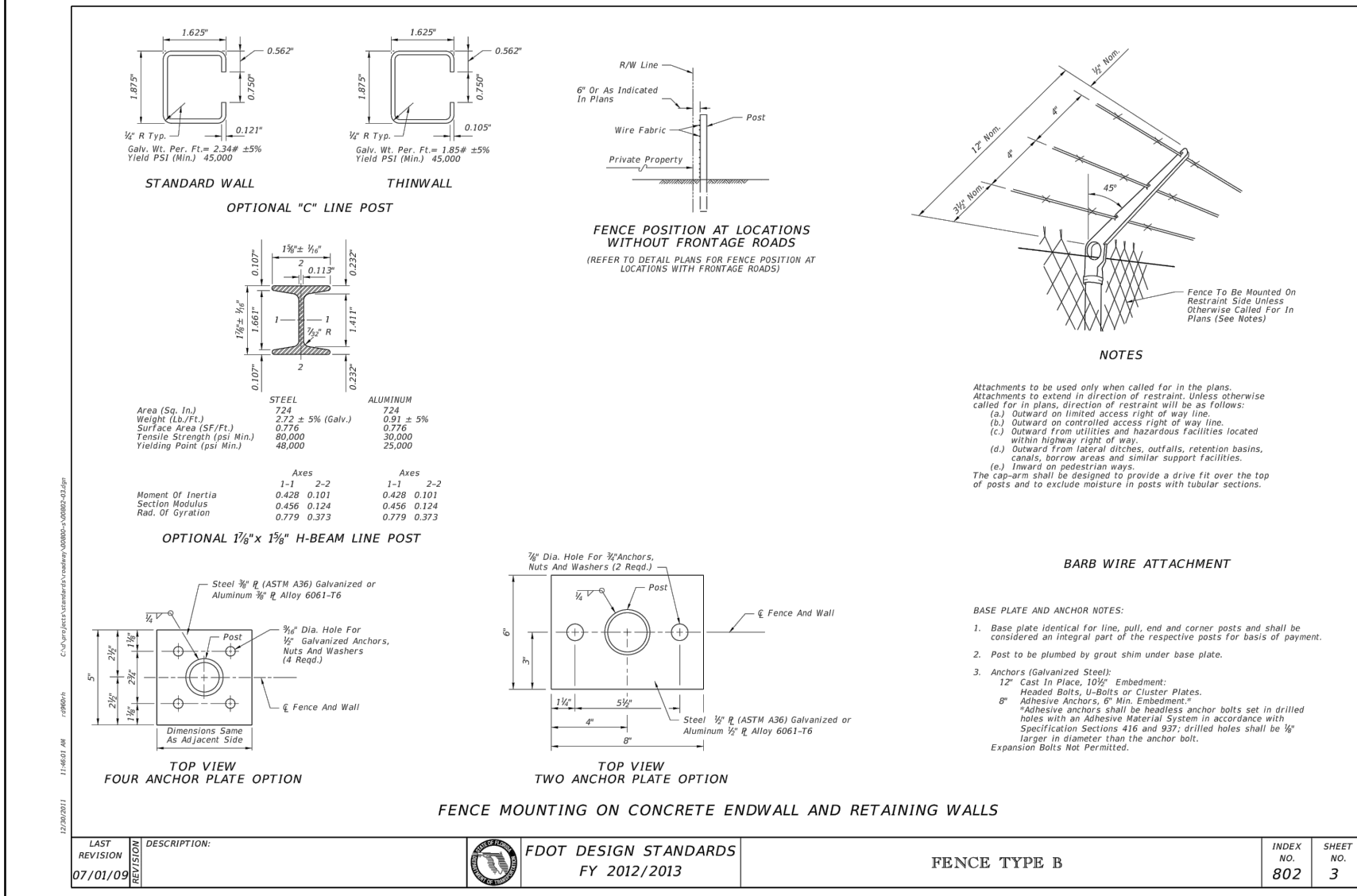
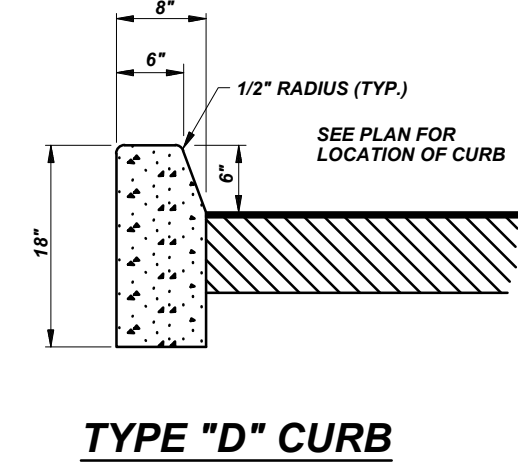
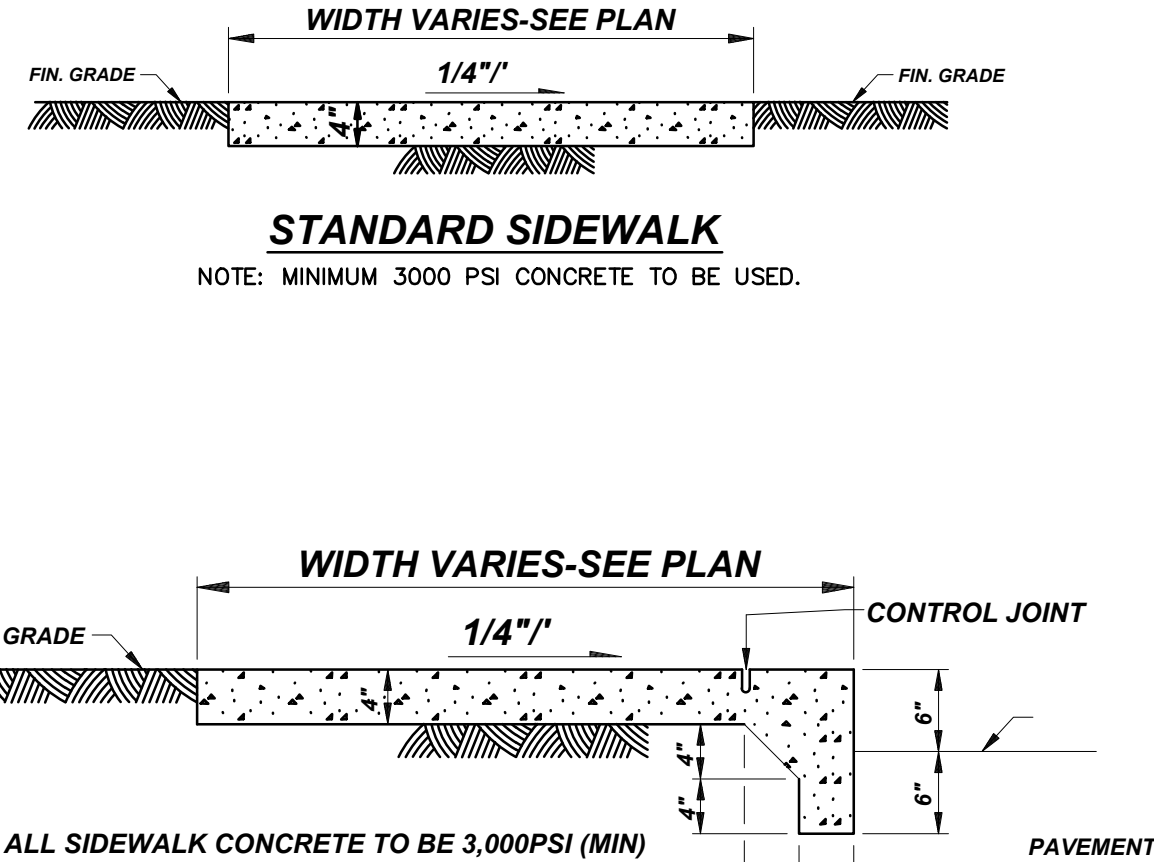
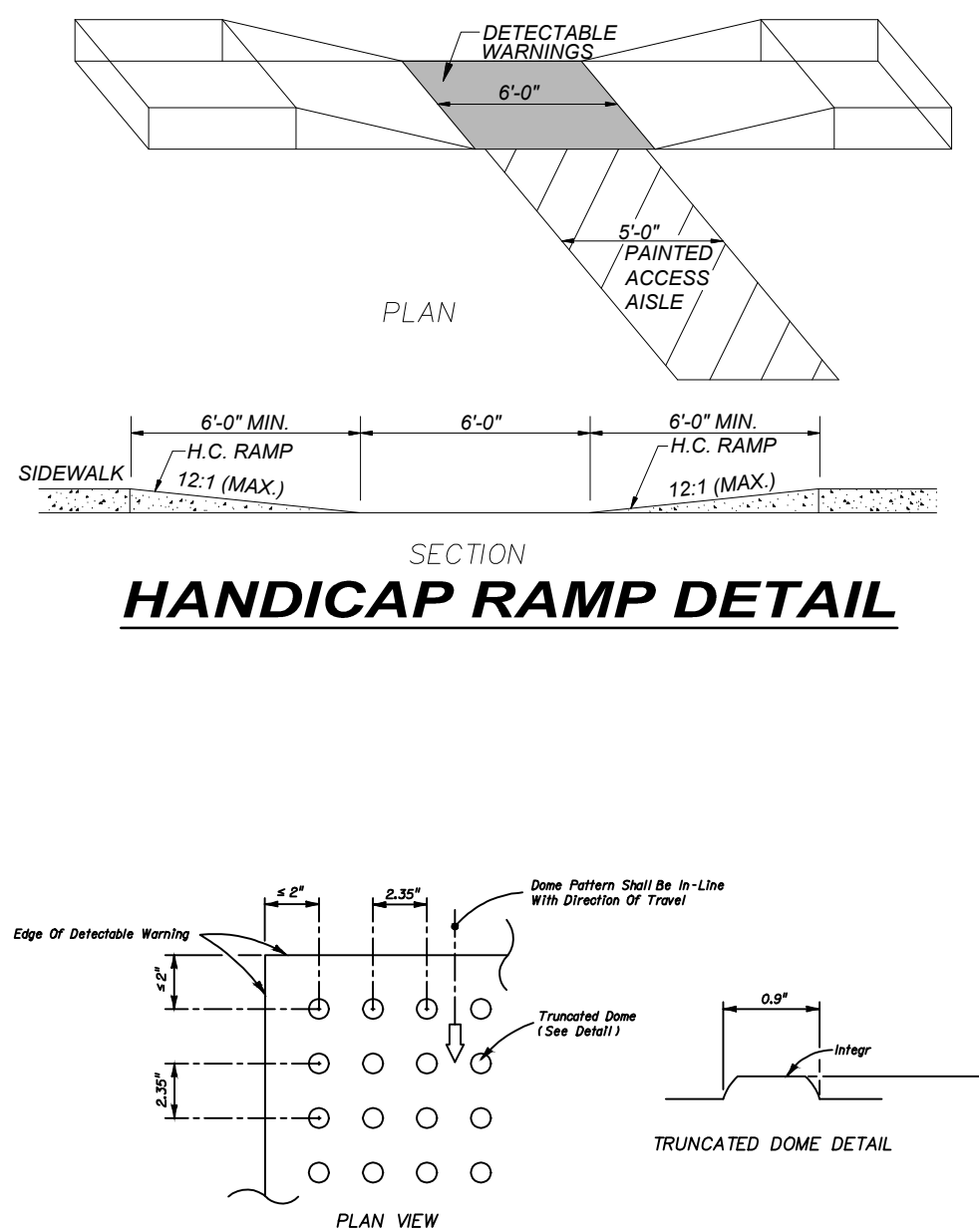
DAVE SCHMITT
ENGINEERING, INC.
12301 Lake Underhill Road Suite 241
ORLANDO, FL 32826
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

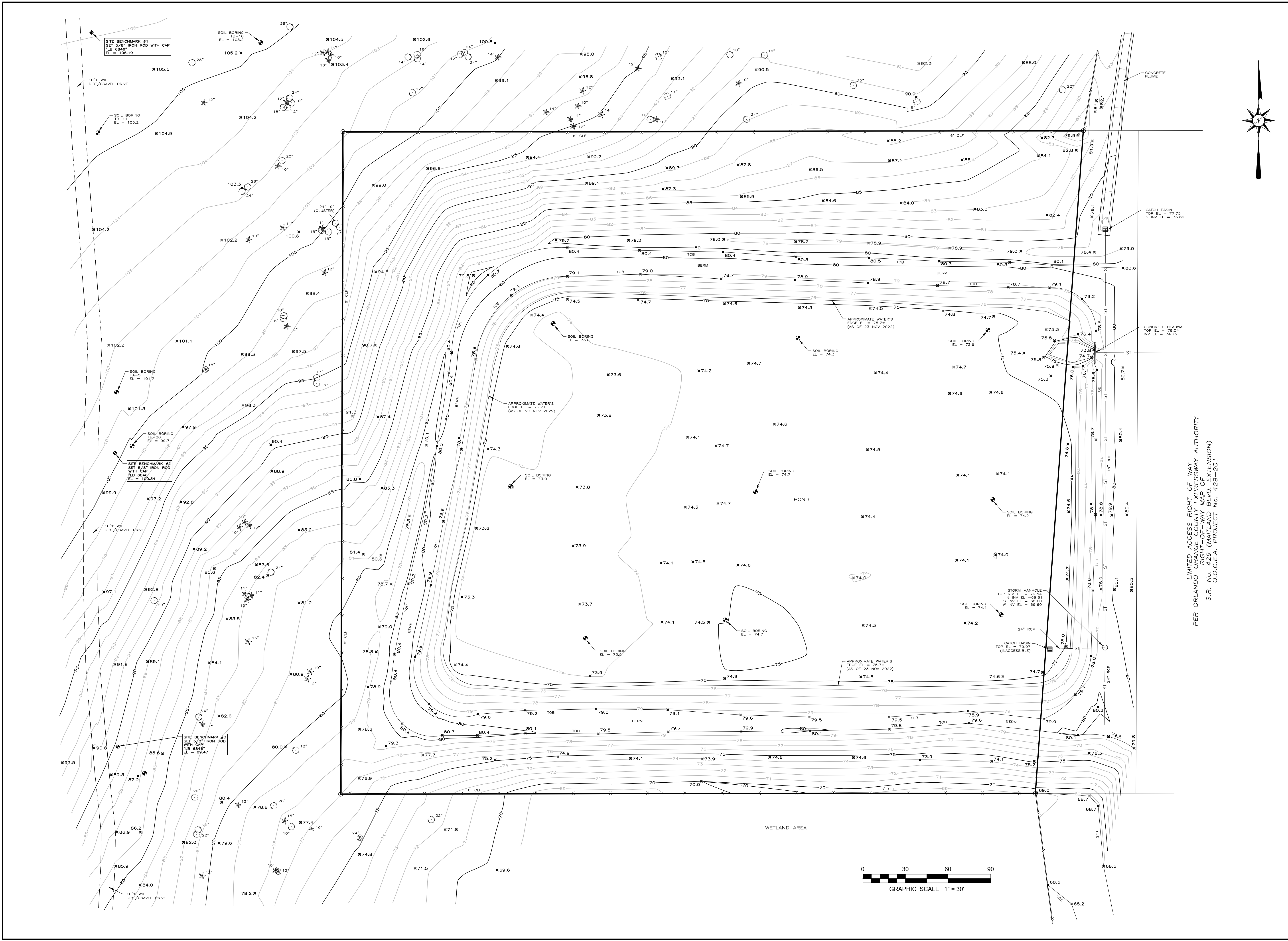
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DAVE M. SCHMITT
FLORIDA REG. NUMBER
48274

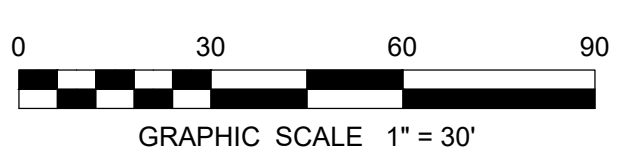
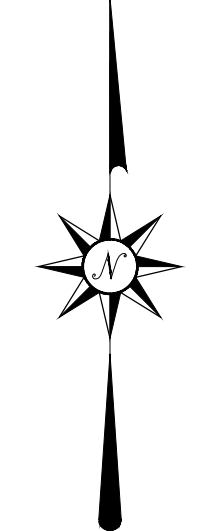
LIFT STATION PLAN - 3
MID-FLORIDA SOUTH LOGISTICS PARK
AOPKA, FLORIDA

DATE: APRIL 2023
PROJECT NO.: ANC-7
DRAWN BY: DM
CHECKED BY: DMS
SCALE: NONE
SHEET: 32 OF 33



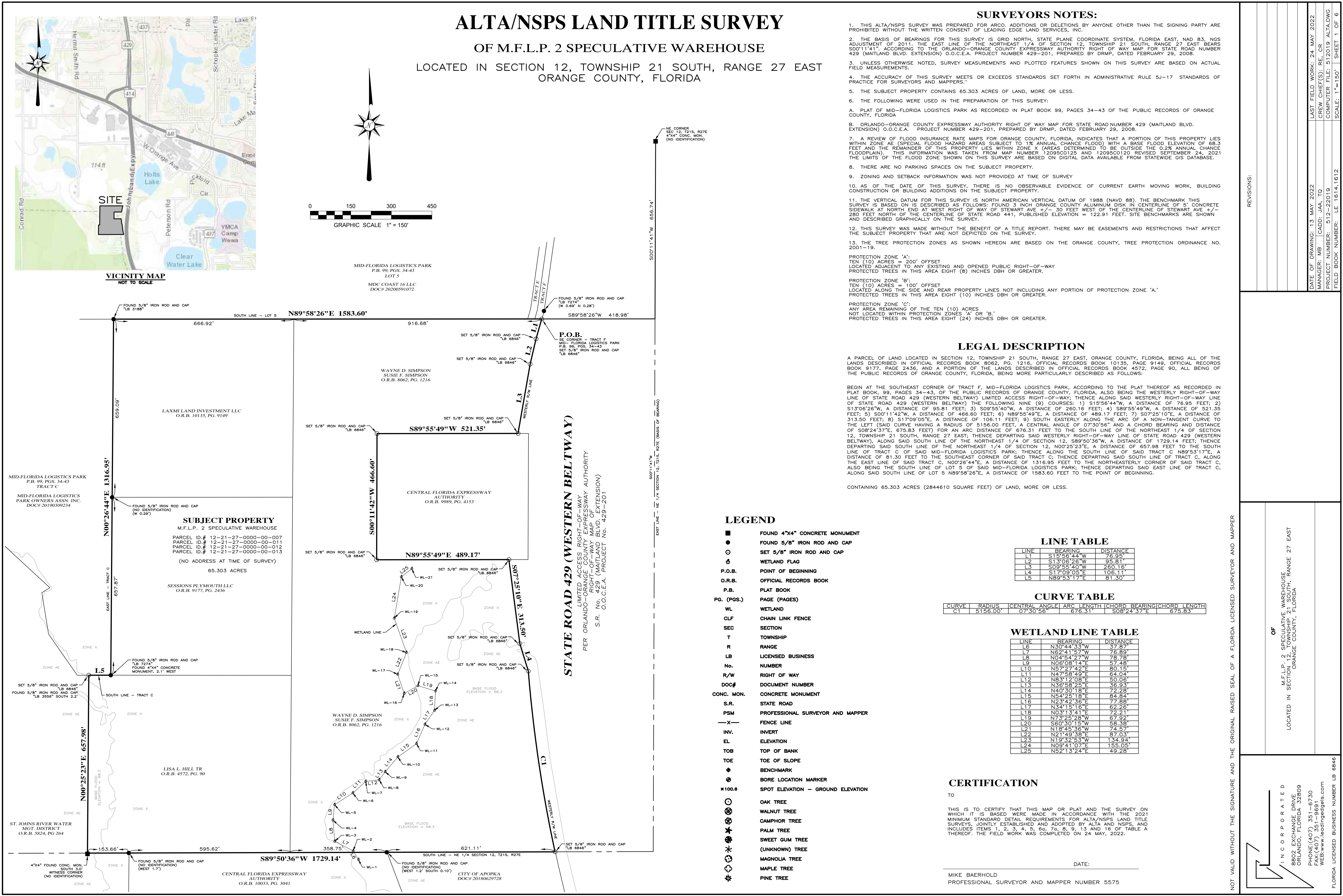


LIMITED ACCESS RIGHT-OF-WAY
PER ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY
RIGHT-OF-WAY MAP OF
S.R. No. 429 (Maitland Blvd. Extension)
O.O.C.E.A. PROJECT No. 429-201

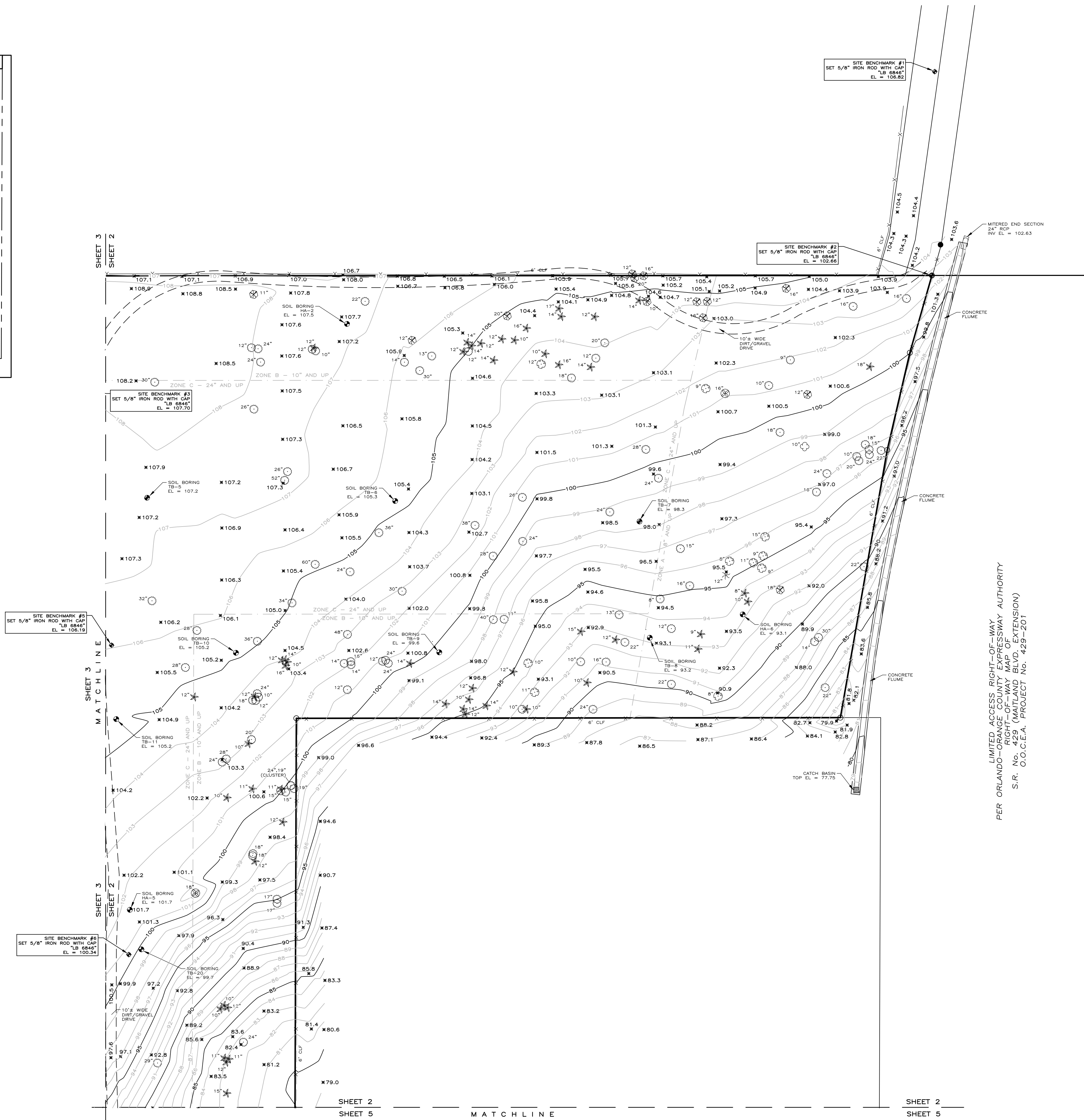
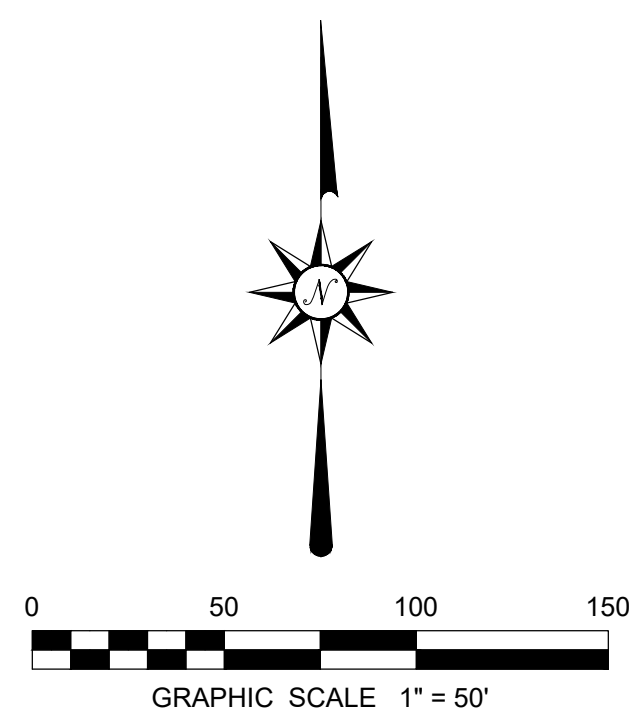


NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

INCORPORATED 8802 EXCHANGE DRIVE ORLANDO, FLORIDA 32809 PHONE (407) 351-6730 FAX (407) 351-0691 WEB www.leadingsurveys.com FLORIDA LICENSED BUSINESS NUMBER LB 6846	M.F.L.P. 2 SPECULATIVE WAREHOUSE LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST ORANGE COUNTY, FLORIDA	REVISIONS:	DATE OF DRAWING: 28 NOV 2022 MANAGER: MB PROJECT NUMBER: 512-22019 FIELD BOOK NUMBER: LE 1614.1612	LAST FIELD WORK: 23 NOV 2022 CREW CHIEF(S): RE, CR COMPUTER FILE: 512019BT.DWG SCALE: 1"=30'



INDEX MAP
NOT TO SCALE



PER ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY
LIMITED ACCESS RIGHT-OF-WAY
RIGHT-OF-WAY MAP OF
S.R. No. 429 (MAITLAND BLVD. EXTENSION)
O.O.C.E.A. PROJECT No. 429-201

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

REVISIONS:

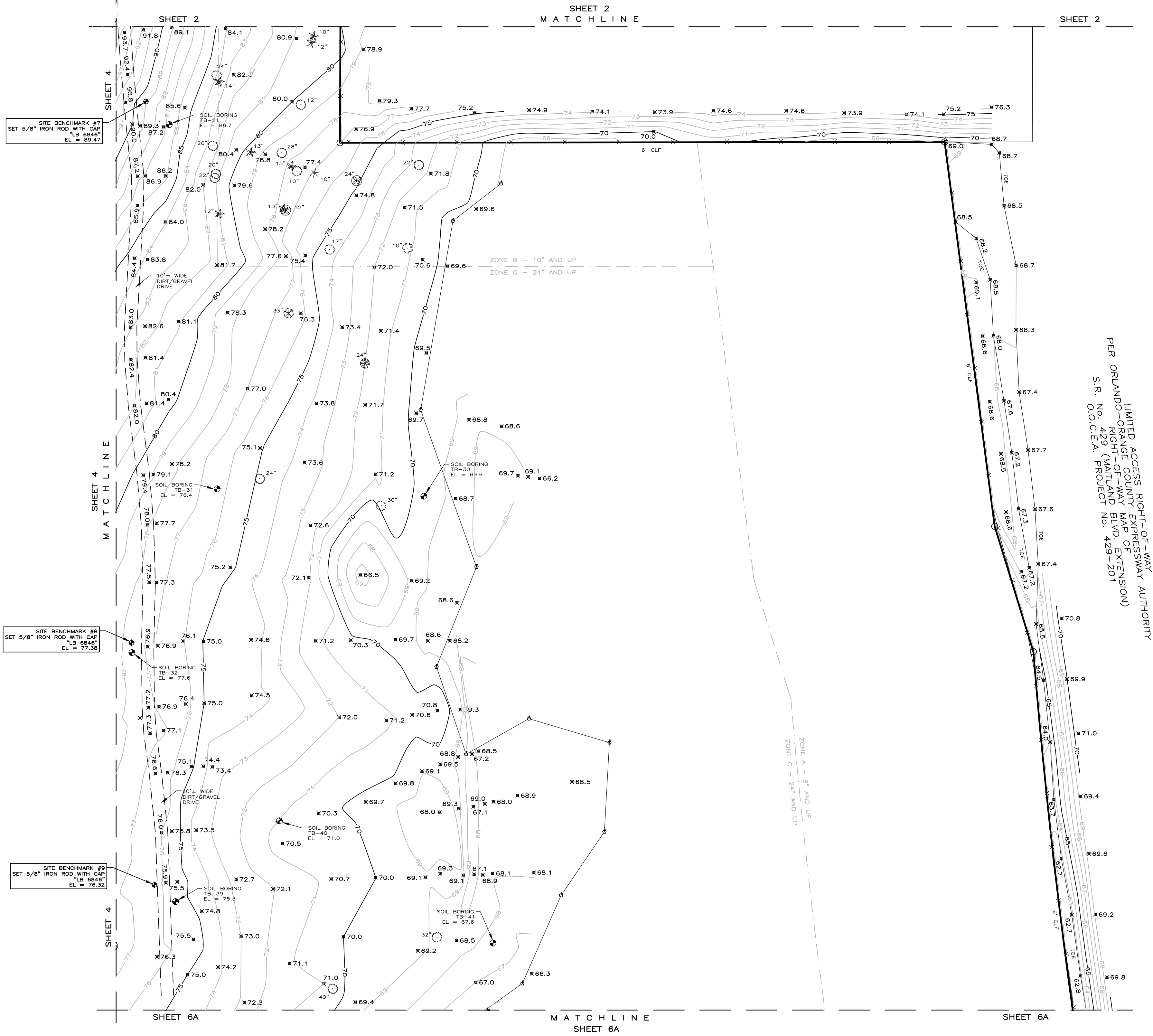
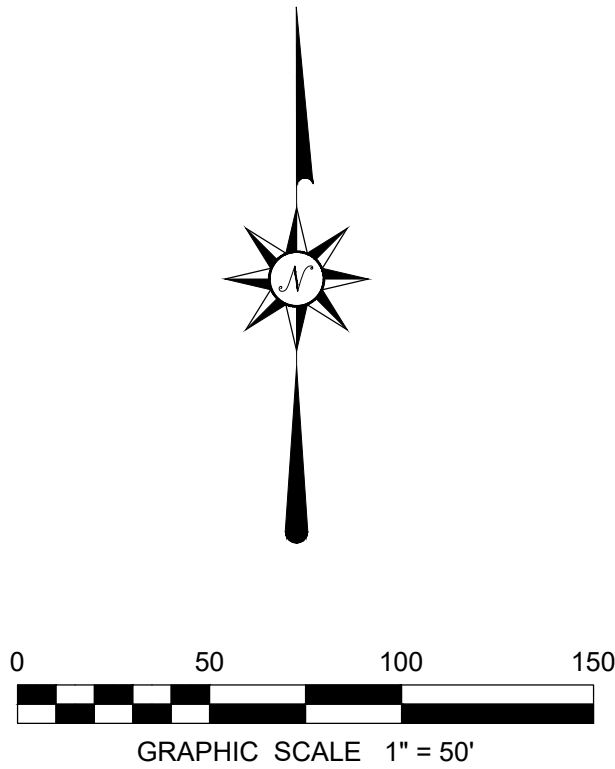
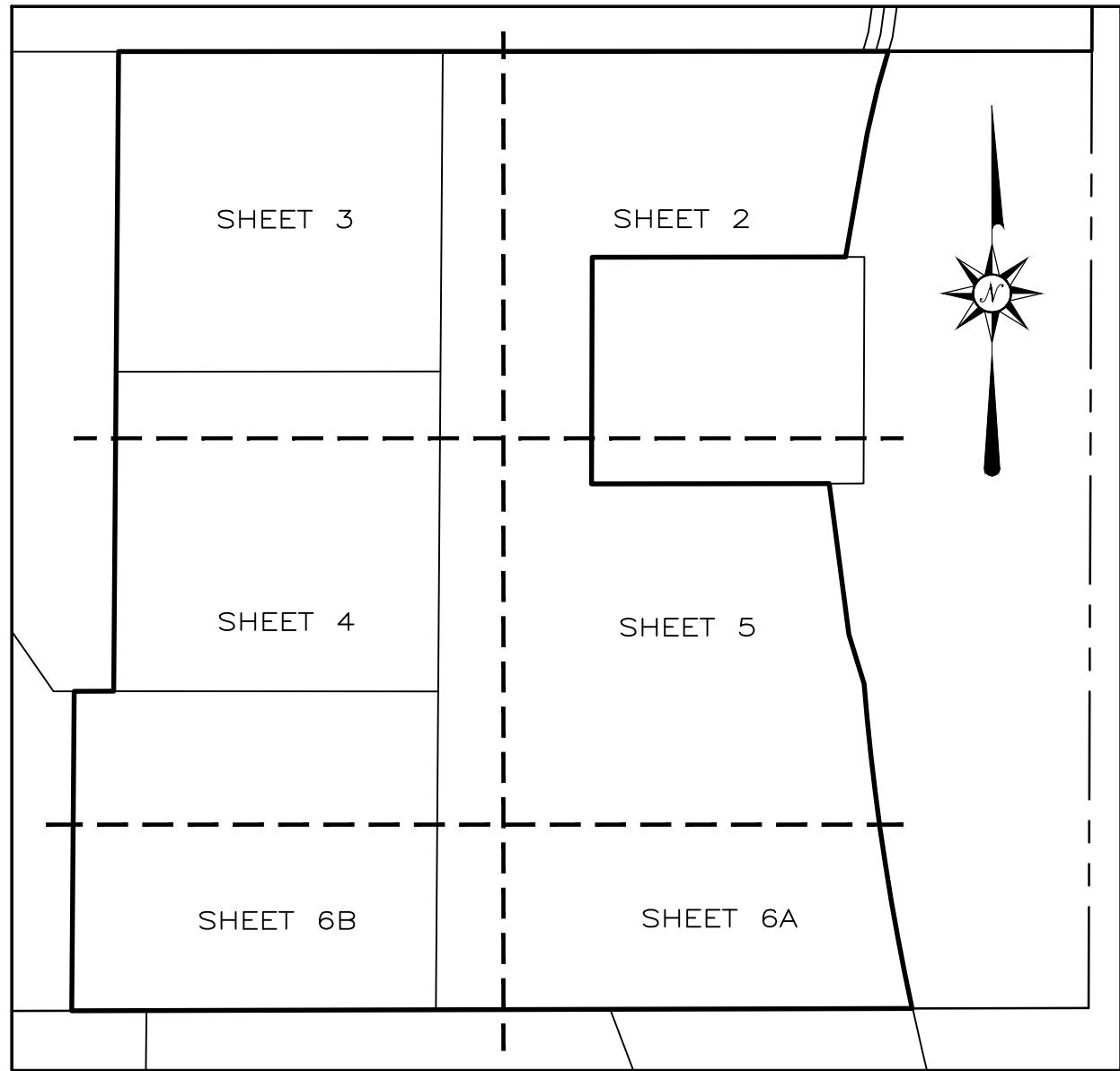
OF
M.F.L.P. 2 SPECULATIVE WAREHOUSE
LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST
ORANGE COUNTY, FLORIDA

INCORPORATED

8802 EXCHANGE DRIVE
ORLANDO, FLORIDA 32809
PHONE:(407) 351-6730
FAX:(407) 351-9691
WEB:www.leadingedgels.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846

DATE OF DRAWING: 13 MAY 2022	LAST FIELD WORK: 24 MAY 2022
MANAGER: MB	CREW CHIEF(S): RE, CR
CADD: JAA, TQ	COMPUTER FILE: 512019 ALTA.DWG
PROJECT NUMBER: 512-22019	SHEET 2 OF 6
FIELD BOOK NUMBER: LE 1614,1612	SCALE: 1"=50'



UNITED ACCESS RIGHT-OF-WAY AUTHORITY
PER ORLANDO-ORANGE COUNTY MAP OF EXTENSION)
S.R. No. 429 (HAILLAND BLVD. 429-201
O.O.C.L.A. PROJECT No. 429-201

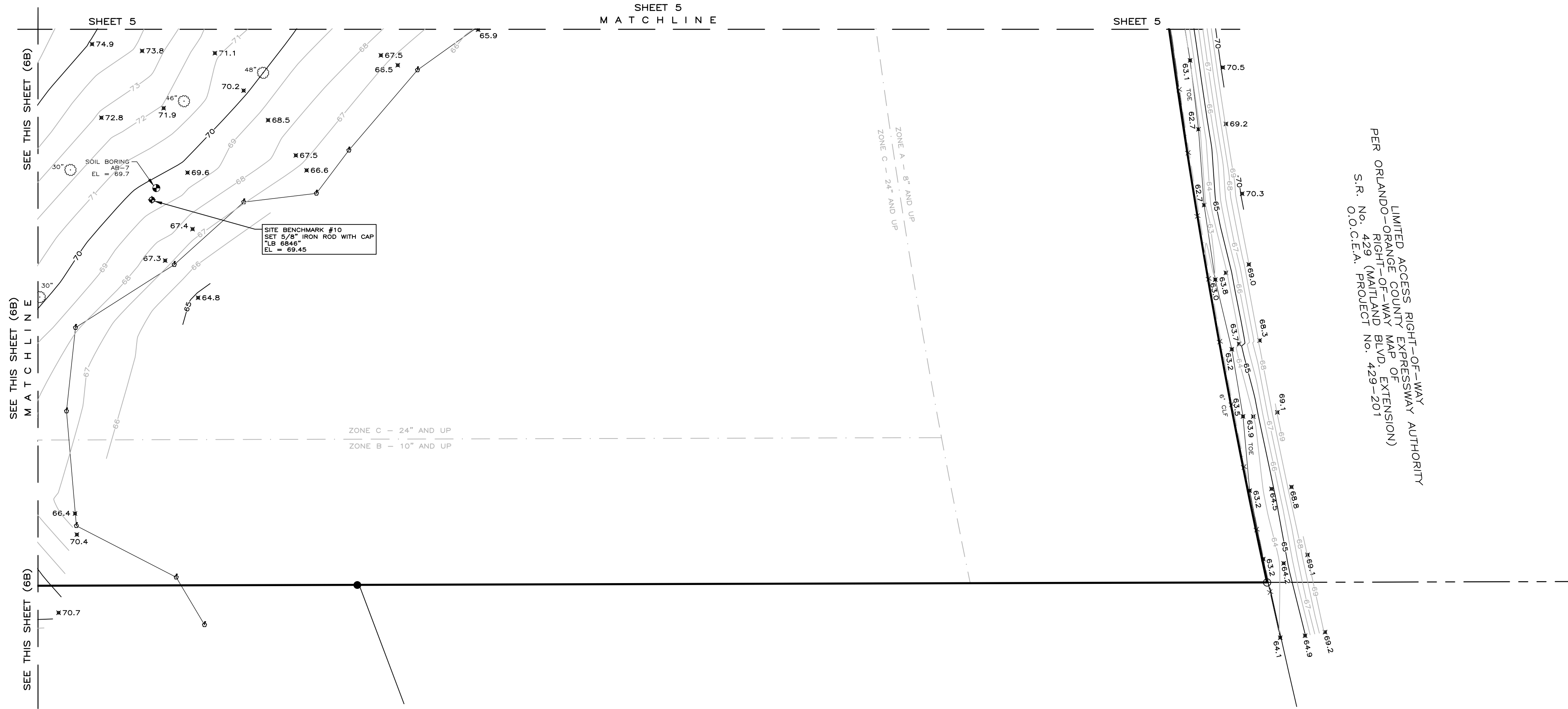
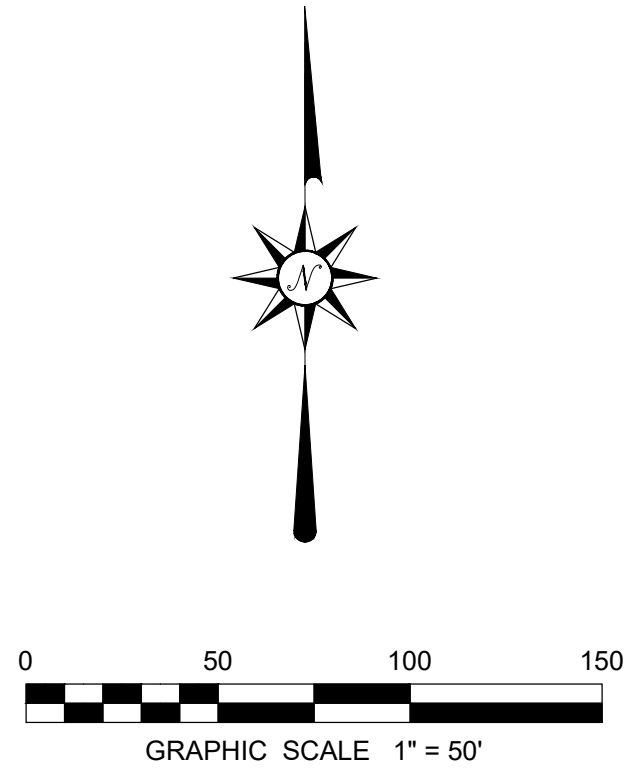
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

REVISIONS:			
DATE OF DRAWING:	13 MAY 2022	LAST FIELD WORK:	24 MAY 2022
MANAGER:	MB	CREW CHIEF(S):	RE, CR
PROJECT NUMBER:	512-22019	CADD:	JAA, TO
FIELD BOOK NUMBER:	LE 1614.1612	COMPUTER FILE:	512019 ALTADWG
		SCALE:	1"=50'
			SHEET 5 OF 6

OF
M.F.L.P. 2 SPECULATIVE WAREHOUSE
LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST
ORANGE COUNTY, FLORIDA

INCORPORATED
8802 EXCHANGE DRIVE
ORLANDO, FLORIDA 32809
PHONE (407) 351-6730
FAX (407) 351-0691
WEB: www.leadingsurveys.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846



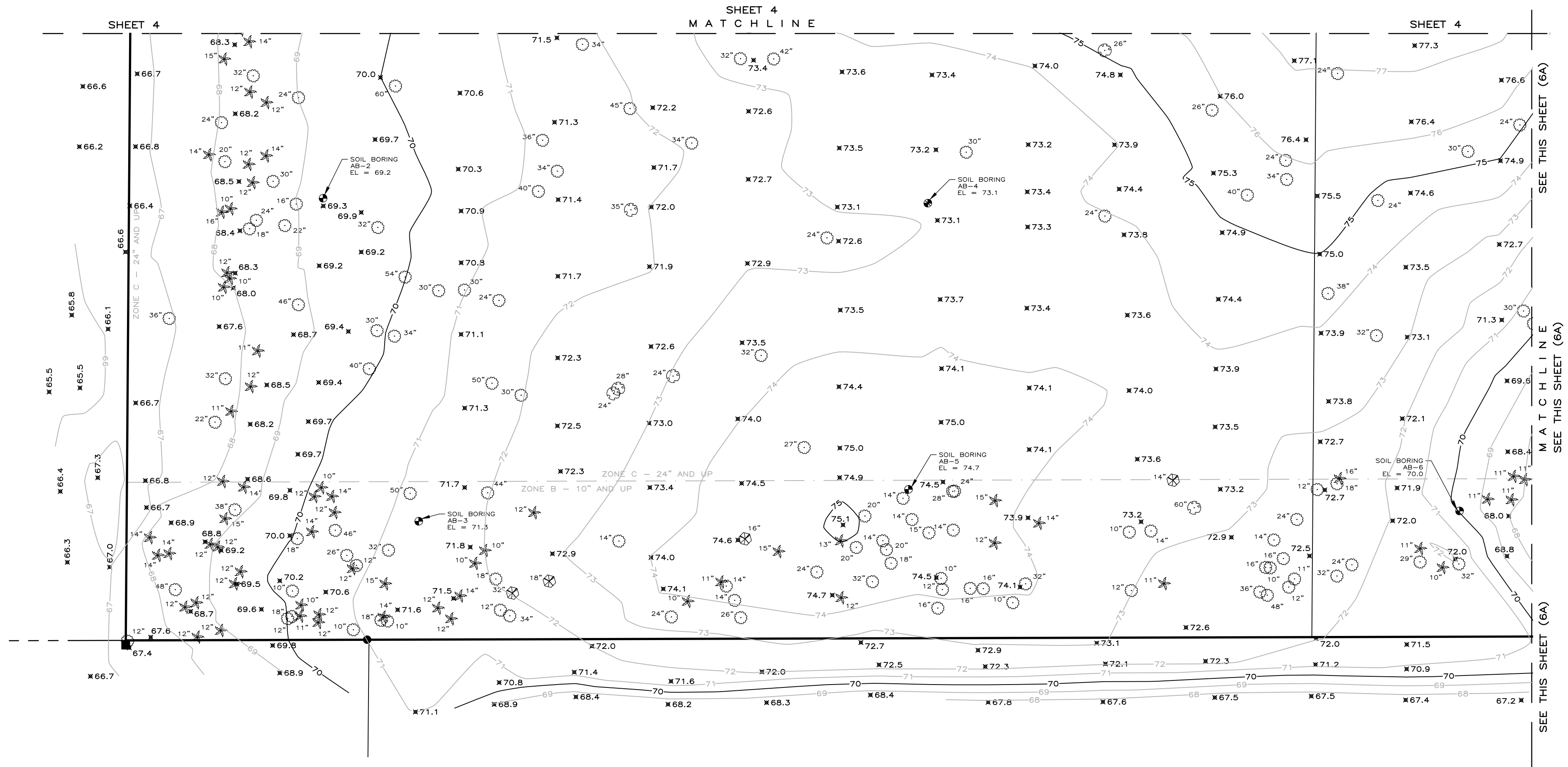
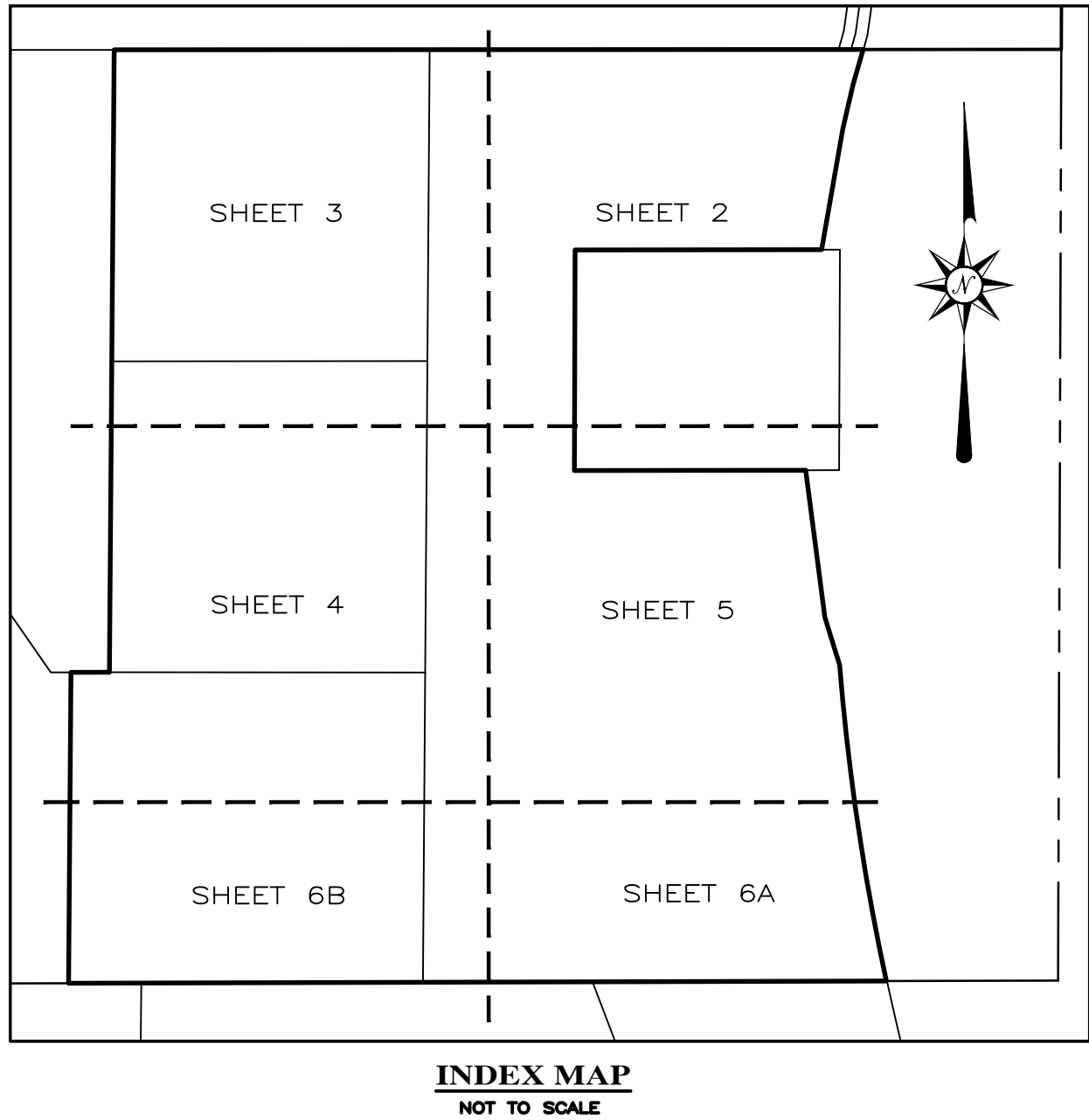
LIMITED ACCESS RIGHT-OF-WAY AUTHORITY
PER ORLANDO-ORANGE COUNTY MAP EXTENSION
S.R. No. 429 (MAYLAND BLVD. 429-201
00-CLEAR PROJECT NO. 1614-1612

REVISIONS:

DATE OF DRAWING: 13 MAY 2022	LAST FIELD WORK: 24 MAY 2022
MANAGER: MB	CREW CHIEF(S): RE, CR
CADD: JAA, TO	COMPUTER FILE: 512019 ALTADWG
PROJECT NUMBER: 512-22019	FIELD BOOK NUMBER: LE 1614.1612
SCALE: 1"=50'	SHEET 6 OF 6

SHEET 6A
SHEET 6B

SHEET 6A
SHEET 6B



NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

OF
M.F.L.P. 2 SPECULATIVE WAREHOUSE
LOCATED IN SECTION 12, TOWNSHIP 21 SOUTH, RANGE 27 EAST
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INCORPORATED
8802 EXCHANGE DRIVE
ORLANDO, FLORIDA 32809
PHONE (407) 351-6730
FAX (407) 351-0691
WEB: www.leedingeds.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846

LANDSCAPE AND IRRIGATION PLANS

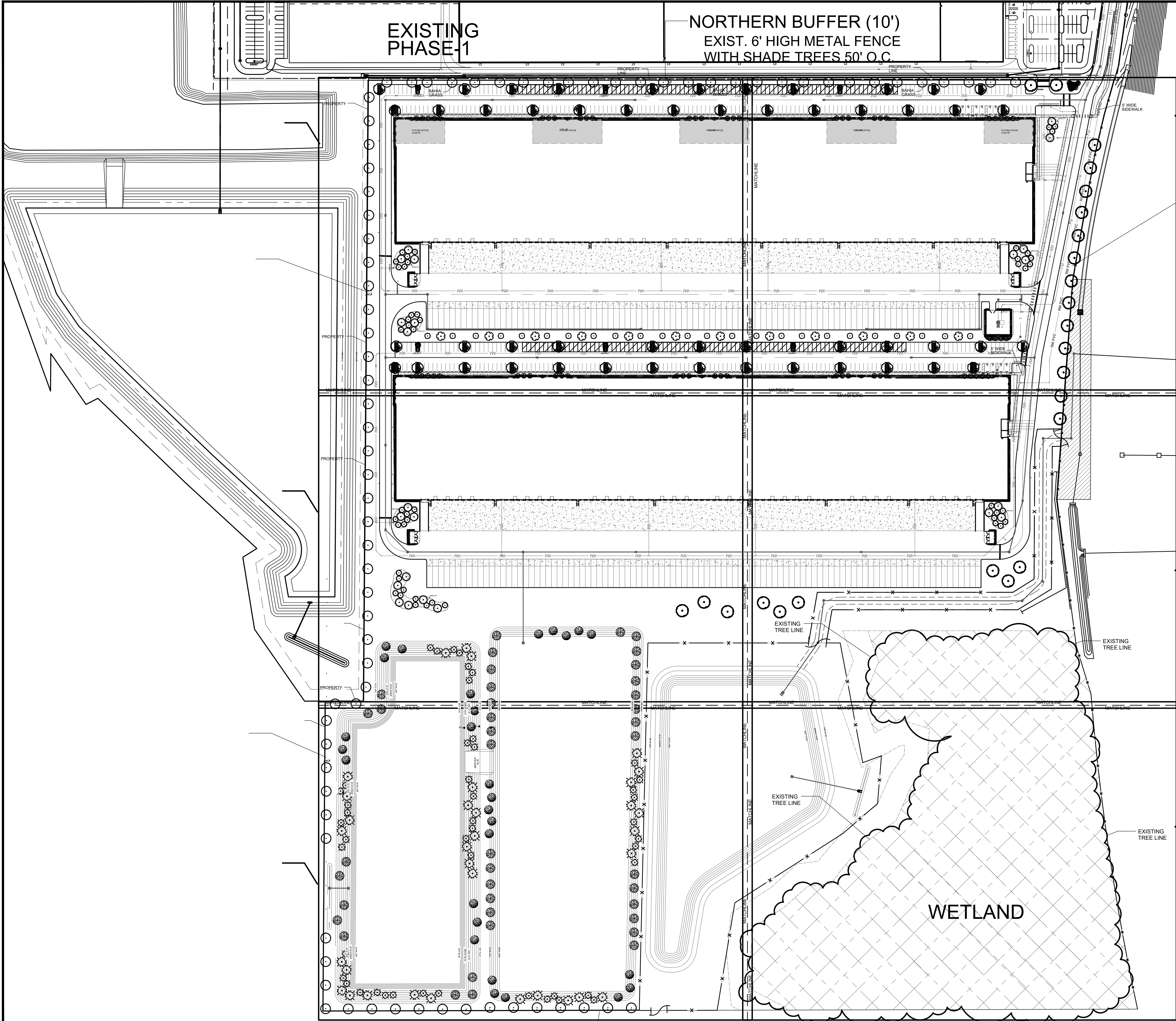
***MID-FLORIDA
LOGISTICS PARK
PHASE - II***

CITY OF APOPKA, FLORIDA

AND DETAILS

SHEET INDEX

C-100	COVER SHEET	L-500	LANDSCAPE PLANT LIST
K-100	MASTER KEY PLAN		
L-100	OVERALL BUFFER PLAN & DETAILS	I-101	IRRIGATION PLAN
L-101	LANDSCAPE PLAN	I-102	IRRIGATION PLAN
L-102	LANDSCAPE PLAN	I-103	IRRIGATION PLAN
L-103	LANDSCAPE PLAN	I-104	IRRIGATION PLAN
L-104	LANDSCAPE PLAN	I-105	IRRIGATION PLAN
L-105	LANDSCAPE PLAN	I-106	IRRIGATION PLAN
L-106	LANDSCAPE PLAN	I-500	IRRIGATION DETAILS

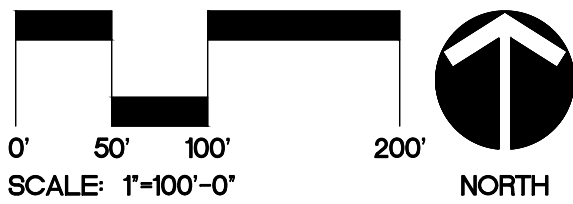


SEE SHEET L-102
FOR LANDSCAPE
PLAN
SEE SHEET I-102
FOR IRRIGATION
PLAN

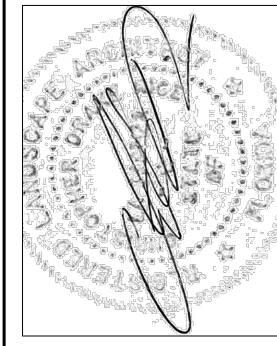
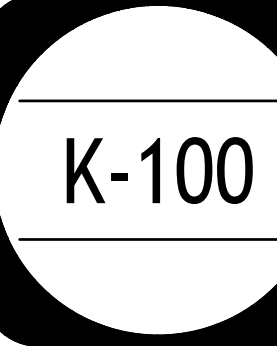
EASTERN BUFFER (VARIES)
PROP. 6' HIGH ORNAMENTAL
METAL FENCE WITH
SHADE TREES 50' O.C. WHERE FITS

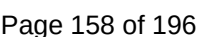
SEE SHEET L-104
FOR LANDSCAPE
PLAN
SEE SHEET I-104
FOR IRRIGATION
PLAN

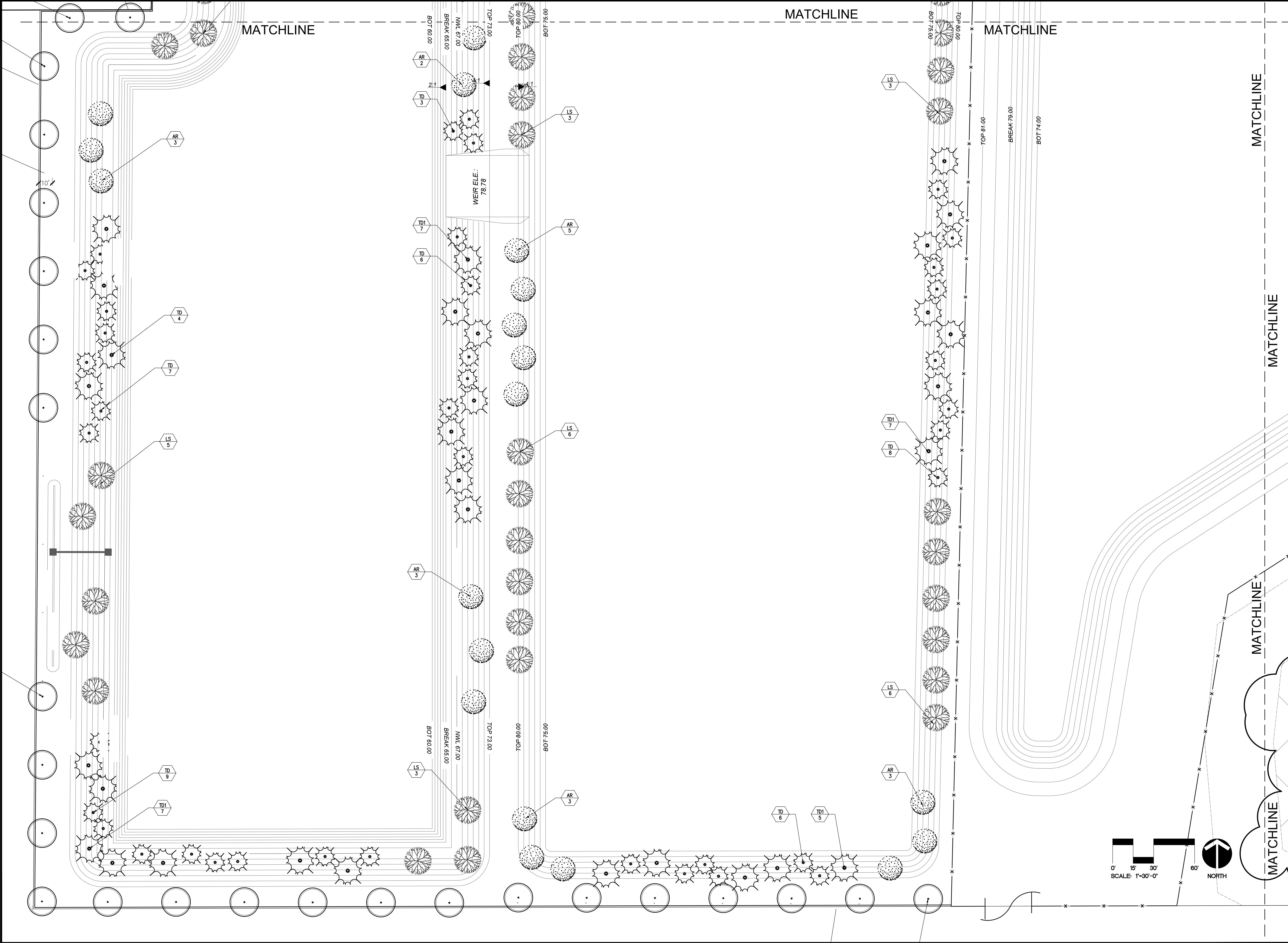
SEE SHEET L-106
FOR LANDSCAPE
PLAN
SEE SHEET L-106
FOR IRRIGATION
PLAN



MID-FLORIDA LOGISTICS - PHASE-II

 BORRELLI + PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR ORLANDO, FL 32834 (407) 446-1338 CONFIDENTIAL: THIS DRAWING IS THE PROPERTY OF BORRELLI + PARTNERS. UNLESS OTHERWISE INDICATED, IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF BORRELLI + PARTNERS. ALL RIGHTS RESERVED.		 SIGNATURE AND DATED SEAL CONSULTANTS	
DRAWING TITLE LANDSCAPE KEY PLAN		PROJECT ADDRESS OWNER NAME AND ADDRESS	
PROJECT NO. 22-165	REV. 22-165	DESCRIPTION CONSTRUCTION DOCUMENTS	DATE 07/28/2023
PHASE SCALE 1"=100'-0"	FILE NAME 21-165	DRAWN BY CDR	CHECKED BY CDR
DATE 07/28/2023			
			

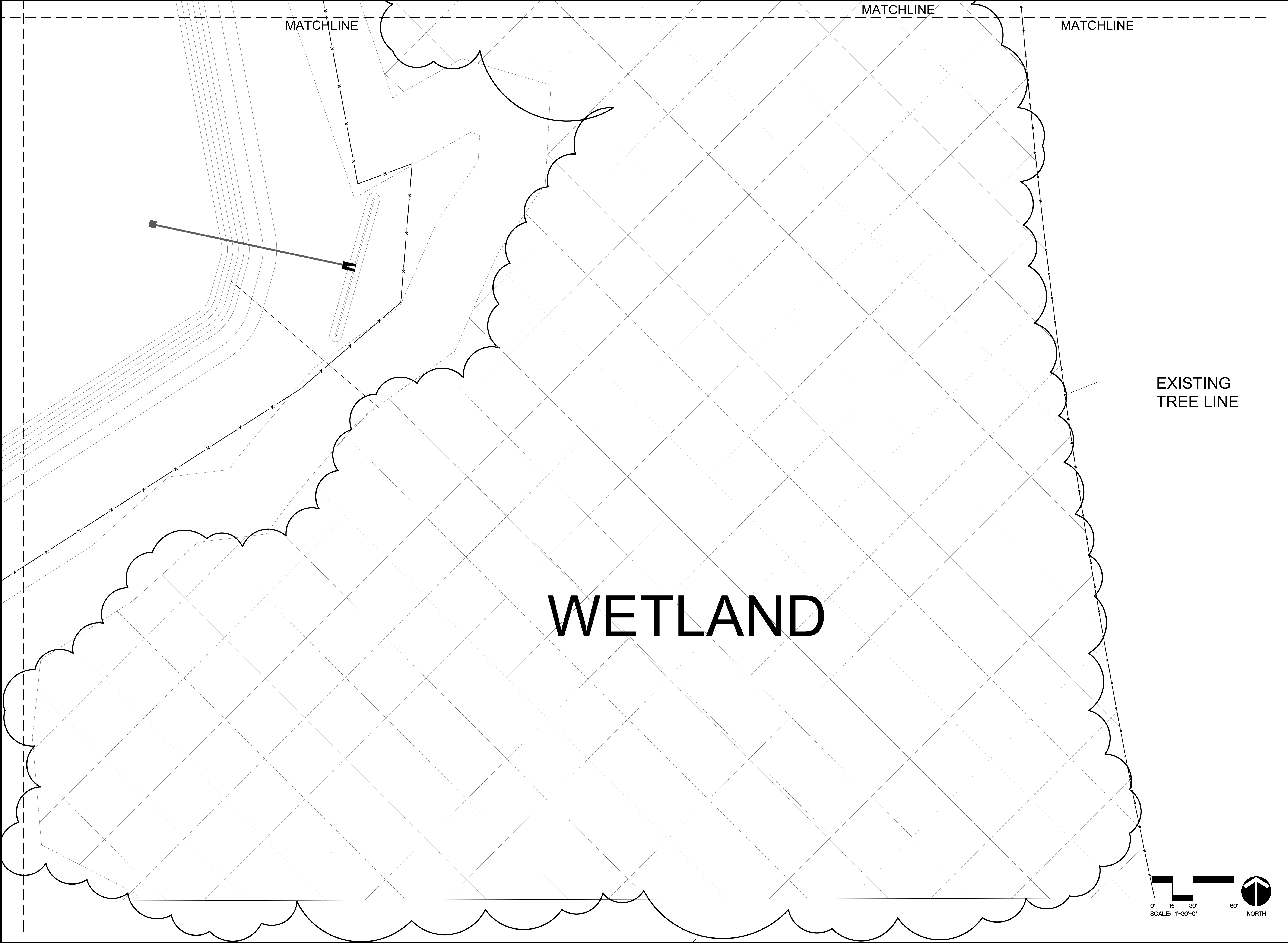




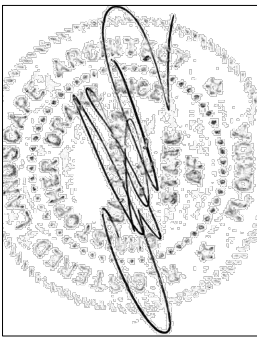
MID-FLORIDA LOGISTICS - PHASE-II

PROJECT NO.		22-165	REV.	DESCRIPTION	DATE	PROJECT ADDRESS	DRAWING TITLE	CONSULTANTS	SIGNATURE AND DATED SEAL	BORRELLI + PARTNERS	
PHASE		CONSTRUCTION DOCUMENTS								ARCHITECTURE PLANNING LANDSCAPE INTERIOR	
SCALE		1"=30'-0"								770 VASSAR STREET	
FILE NAME		21-165								ORLANDO, FL 32834-1407	
DRAWN BY		LS								CONFIDENTIAL: THIS DRAWING IS THE PROPERTY OF BORRELLI + PARTNERS. UNLESS OTHERWISE INDICATED, IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BORRELLI + PARTNERS. ALL RIGHTS RESERVED.	
CHECKED BY		CDR								770 VASSAR STREET	
DATE		07/28/2023								ORLANDO, FL 32834-1407	

L-105

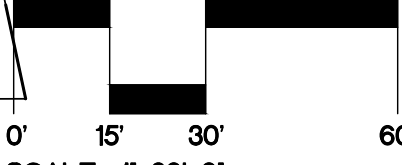


MID-FLORIDA LOGISTICS - PHASE-II

PROJECT NO. 22-165		REV.	DESCRIPTION	DATE	PROJECT ADDRESS	DRAWING TITLE	CONSULTANTS	SIGNATURE AND DATED SEAL	 CHRISTOPHER D. RICE L14666712	
PHASE CONSTRUCTION DOCUMENTS		BORRELLI + PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR ORLANDO, FL 32804-1407 TEL 407-443-1388								
SCALE 1"=30'-0"	OWNER NAME AND ADDRESS									
FILE NAME 21-165	LANDSCAPE PLAN									
DRAWN BY LS										
CHECKED BY CDR										
DATE 07/28/2023										



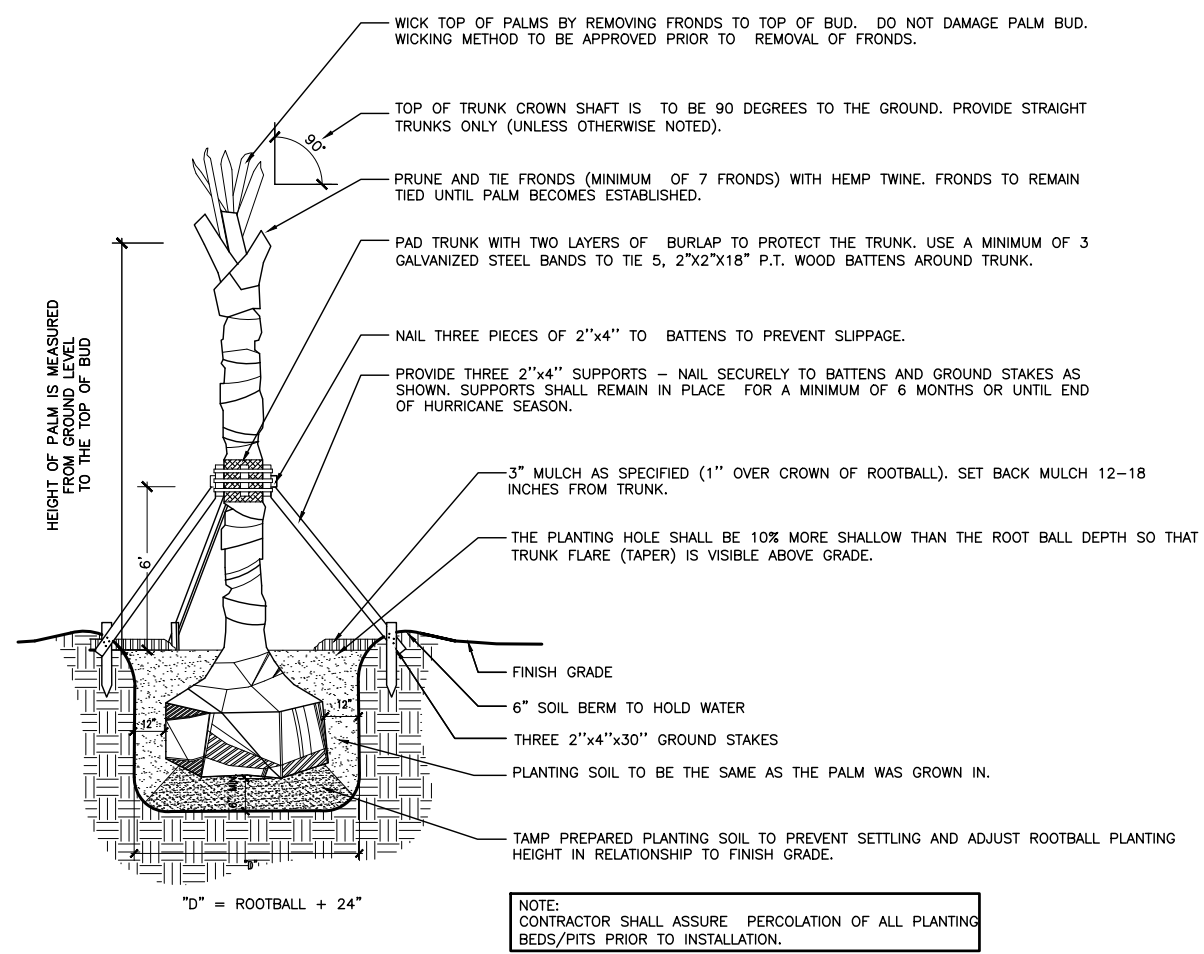
NORTH



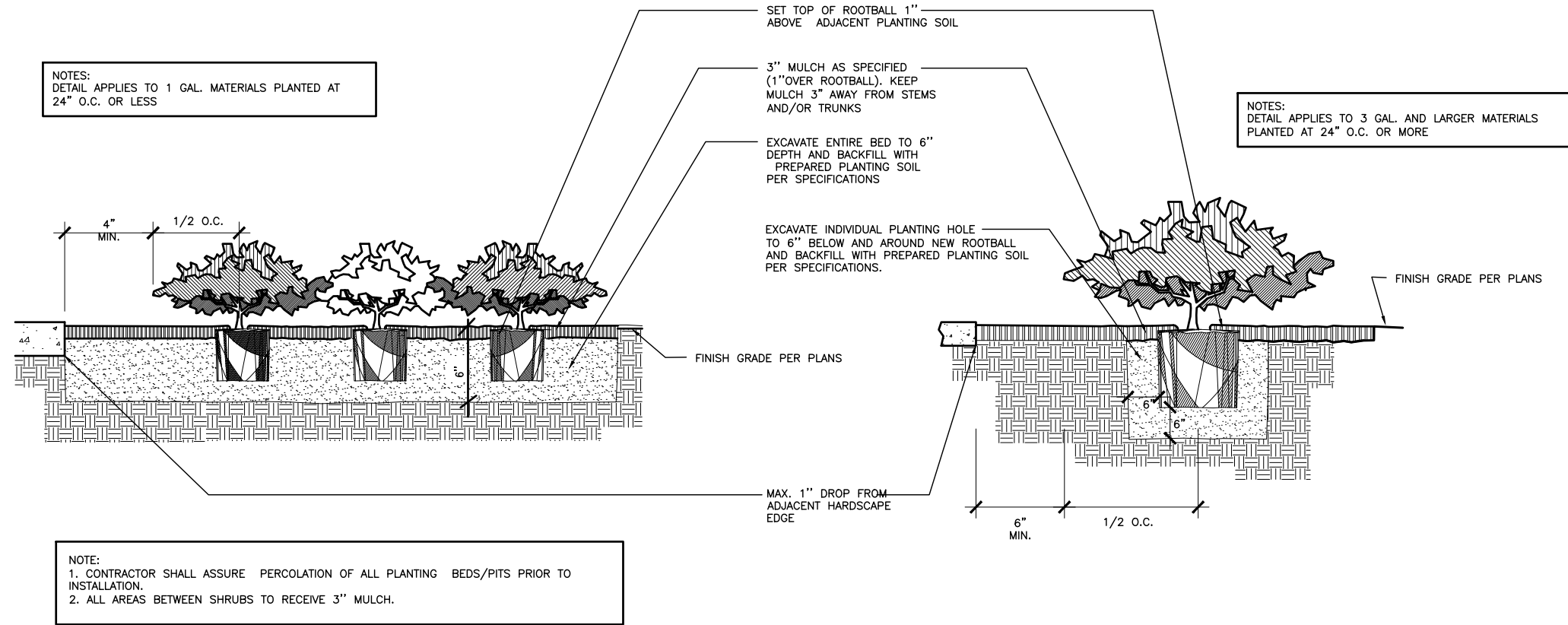
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L-106

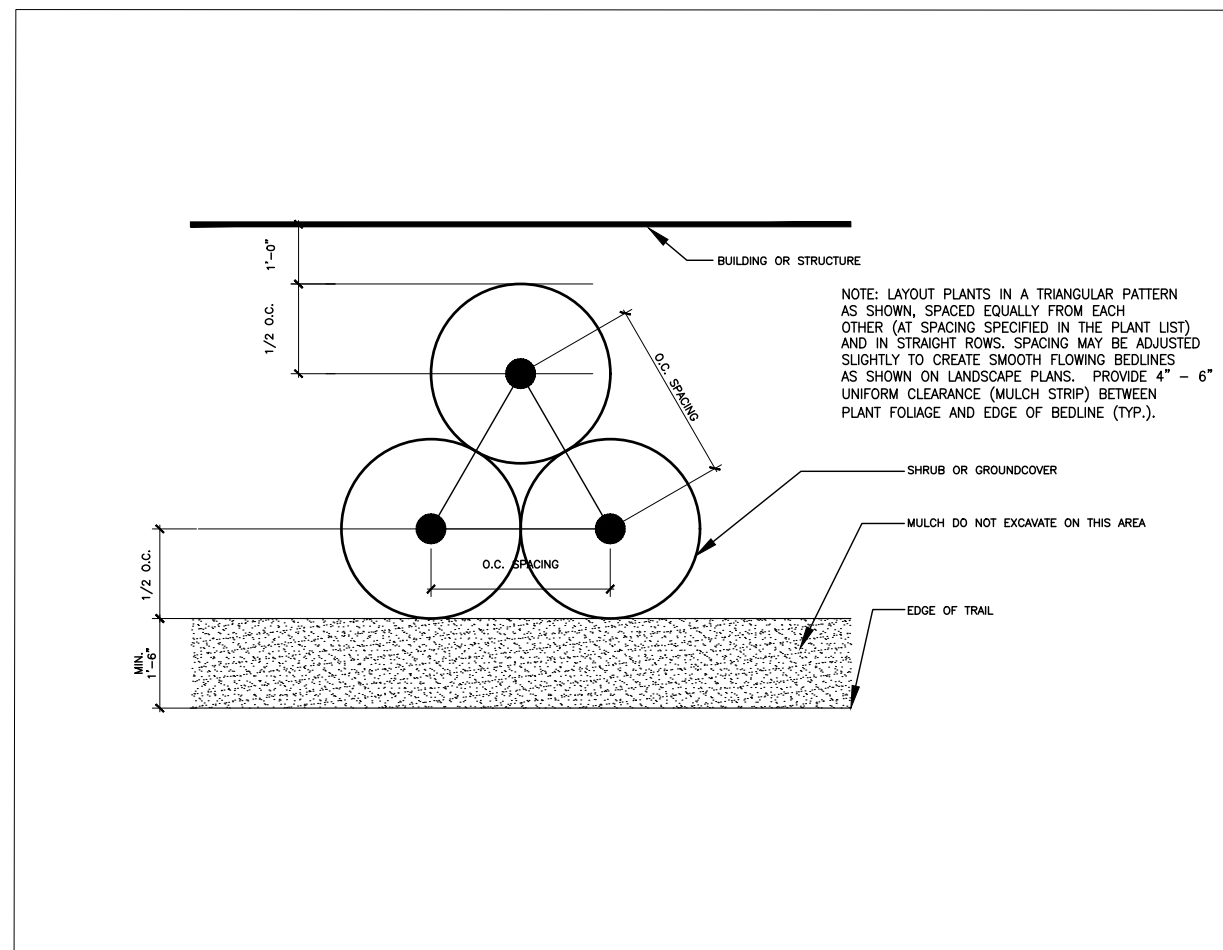


1 TYPICAL PALM TREE PLANTING DETAIL
3/4" = 1'-0"

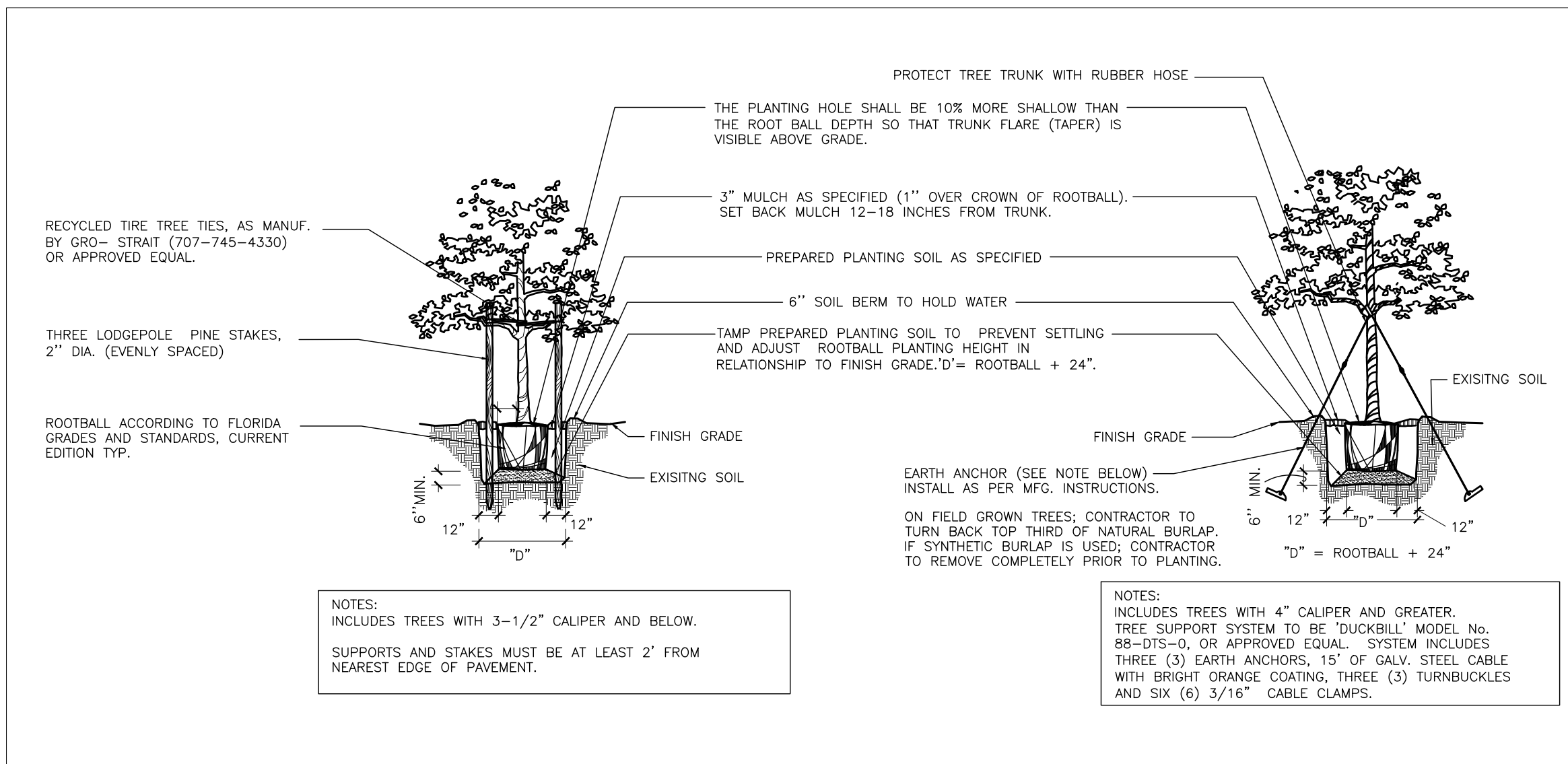


2 GROUNDCOVER PLANTING DETAIL
3/4" = 1'-0"

3 SHRUB PLANTING DETAIL
3/4" = 1'-0"



4 ON CENTER PLANTING DETAIL
3/4" = 1'-0"

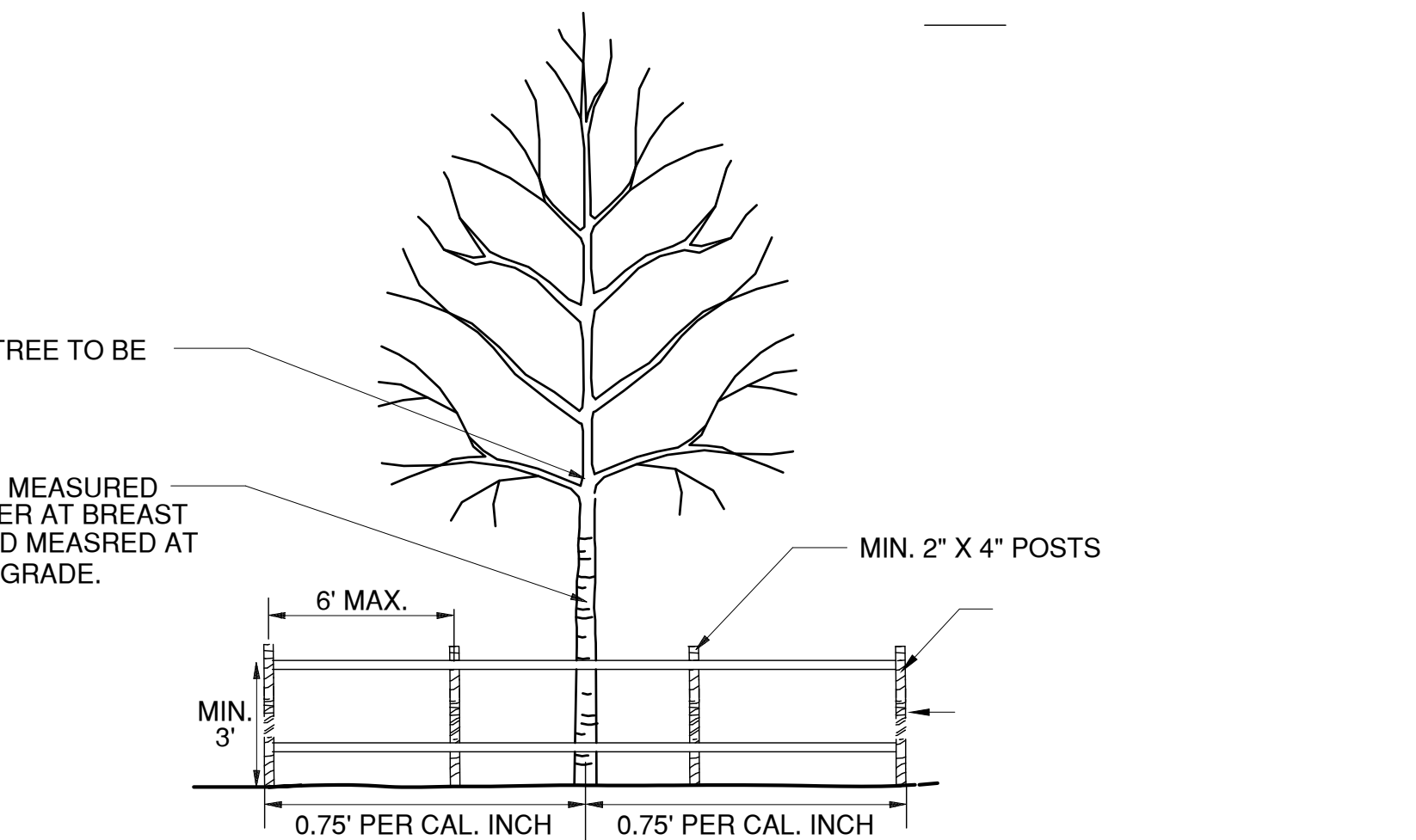


5 SMALL TREE PLANTING DETAIL
NOT TO SCALE

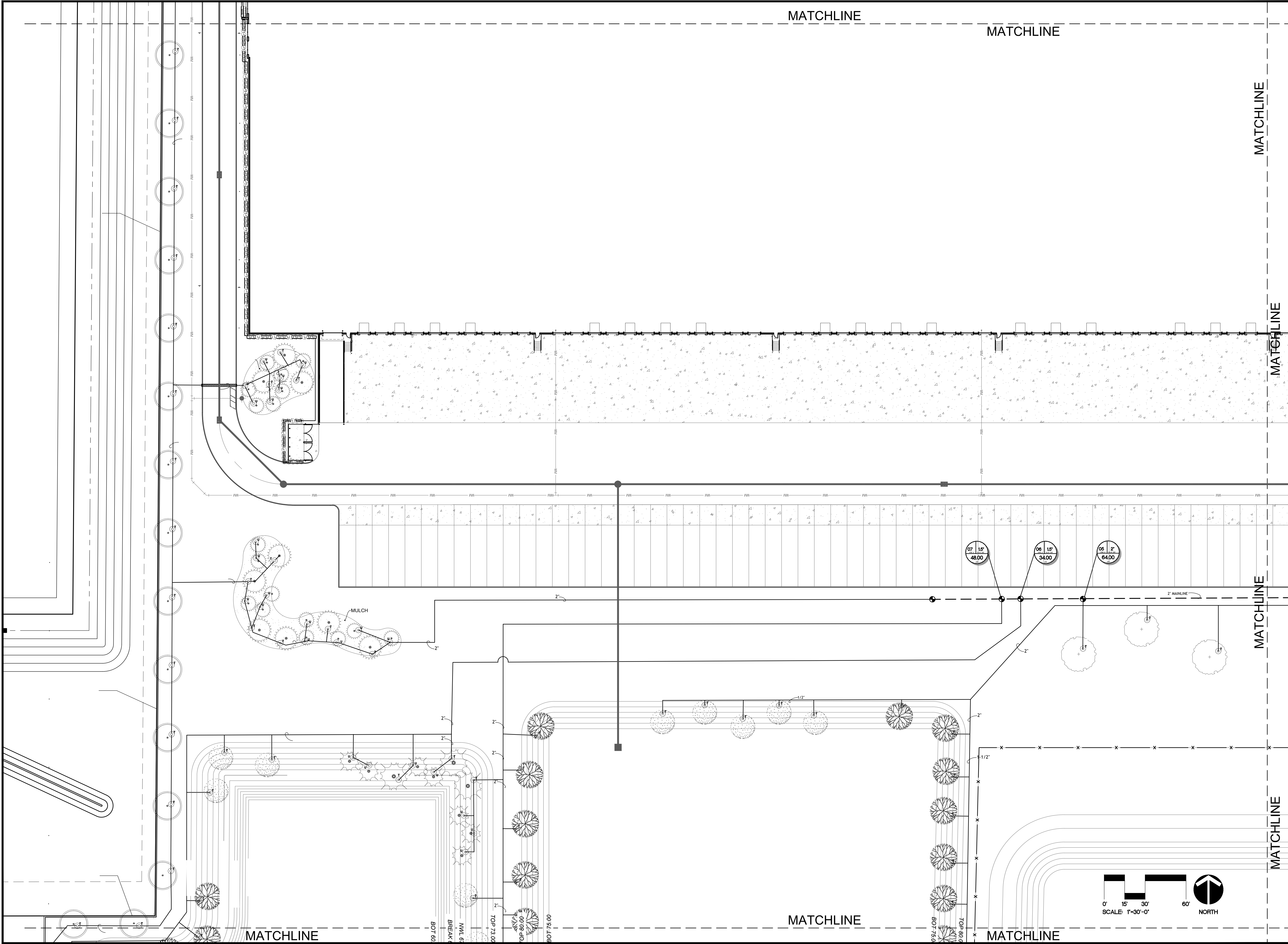
6 LARGE TREE PLANTING DETAILS
NOT TO SCALE

LANDSCAPE PLANTING AND CONTRACTOR NOTES:

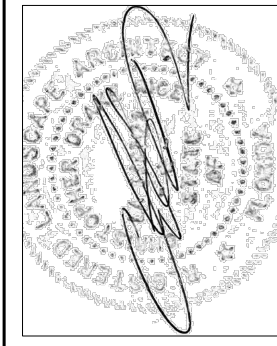
- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL FREE OF PESTS AND DISEASES.
- ALL PLANTS SHALL BE FLORIDA NO. 1 OR BETTER, AS GRADED IN FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
- ALL PLANTS ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING, AND AFTER INSTALLATION.
- ALL SINGLE-TRUNKED TREES SHALL BE STRAIGHT TRUNKED WITH ONE CENTRAL LEADER AND HAVE A FULL, DENSE CROWN.
- ALL TREES SHALL BE STAKED AND GUYED AS SHOWN IN PLANTING DETAILS.
- ALL MULCH PLANTING AREAS SHALL BE A MINIMUM OF 3" IN DEPTH.
- ALL PLANTING AREAS SHALL HAVE A MINIMUM OF 3" TOPSOIL.
- ALL TREES SHALL BE FREE OF OPEN WOUNDS AND WOUND SCARS IN THE CLEAR TRUNK AREA.
- ANY SYNTHETIC BURLAP AND/OR WIRE BASKETS MUST BE TOTALLY REMOVED PRIOR TO INSTALLATION OF PLANT MATERIAL. IF NATURAL BURLAP IS USED, IT MAY BE TURNED DOWN 1/3 OF THE ROOTBALL.
- TREES SHALL NOT BE PLACED WITHIN 7' OF ANY FIRE PROTECTION EQUIPMENT AND NOT WITHIN 5' OF ANY UTILITIES.
- TREES SHALL NOT BE PLACED WHERE THEY WILL OBSCURE ANY VIEWS TO TRAFFIC, PEDESTRIANS OR SIGNAGE. CONTRACTOR TO FIELD ADJUST TREE LOCATIONS TO AVOID CONFLICTS. IF PLANTING IS QUESTIONABLE, CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE TO DISCUSS RELOCATION.
- CONTRACTOR SHALL TAKE CARE TO PROTECT ALL TREES AND LANDSCAPING MATERIAL WITHIN PROJECT LIMITS AS WELL AS EXISTING TREES IMMEDIATELY ADJACENT TO PROJECT LIMITS. IF THE EXISTING LANDSCAPE, TREES OR OTHER RELATED MATERIALS ARE IMPACTED DURING LANDSCAPE INSTALLATION THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPLACEMENTS, AS WELL AS, ALL OTHER ASPECTS OF REMEDIATION INCLUDING BUT NOT LIMITED TO: TREES, SHRUBS, GROUNDCOVERS, SOD, AND ANY OTHER MATERIALS IMPACTED BY CONSTRUCTION.
- SOIL CONDITIONS MAY VARY THROUGHOUT THE SITE AND CONTRACTOR TO SHALL PROVIDE PROPER EQUIPMENT FOR PROPER EXCAVATION.
- CONTRACTOR SHALL INCLUDE THE COSTS OF EXCAVATION, DISPOSAL OF EXCESS MATERIALS, BACKFILL, SOIL AMENDMENTS, SPECIAL BED PREPARATION, MULCH, TREE STAKING AND GUYING, FERTILIZER, WATERING FOR PLANT ESTABLISHMENT, SITE CLEAN-UP AND MAINTENANCE WITHIN BID NUMBER.
- CONTRACTOR SHALL SOD ALL DAMAGED GRASS AREAS DISTURBED DURING CONSTRUCTION. SEE LANDSCAPE SPECIFICATIONS FOR SOD INSTALLATION.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, IN FULL, ALL LANDSCAPE PLANTING AREAS, UNTIL THE JOB IS ACCEPTED IN FULL BY THE OWNER. "IN FULL" MEANS WATERING, PEST CONTROL, MULCHING, MOWING, FERTILIZING AND RESETTling TREES THAT ARE OUT OF PLUMB.
- THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL INSTALLED PLANT MATERIAL FOR A PERIOD OF ONE CALENDAR YEAR BEGINNING ON THE DATE OF 100% COMPLETION, ANY AND ALL REQUIRED PLANT REPLACEMENTS SHALL BE MADE PROMPTLY AND AT NO ADDITIONAL COST TO THE OWNER.
- THE LANDSCAPE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL PLANT MATERIAL AND PLANTING BED LINES FOR REVIEW BY THE LANDSCAPE ARCHITECT AND OWNER.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL WRITTEN PLANT QUANTITIES PRIOR TO INITIATION OF THE WORK. IN THE EVENT THAT THE PLANS CONTRADICT THE PLANT LIST, THE PLANS SHALL RULE.
- THE LANDSCAPE CONTRACTOR SHALL BE FAMILIAR WITH AND ACCEPT THE EXISTING SITE CONDITIONS PRIOR TO INITIATION OF THE WORK. ANY VARIATION FROM THE SPECIFIED WORK SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES, DRAINAGE STRUCTURES, CURBS, SIDEWALKS, AND ANY OTHER OBJECTS WHICH MIGHT BE DAMAGED DURING THE WORK.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ANY AND ALL NECESSARY REPAIRS TO DAMAGE CAUSED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER OR LANDSCAPE ARCHITECT.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, AND FOLLOWING ALL APPLICABLE LOCAL CODES PERTAINING TO THE PROJECT DURING THE COURSE OF THEIR WORK.

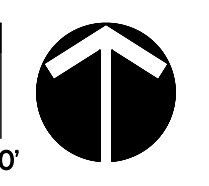


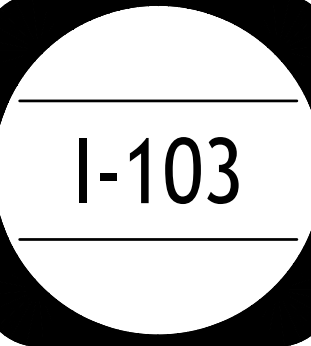
7 TREE PROTECTION BARRICADE DETAIL
NTS

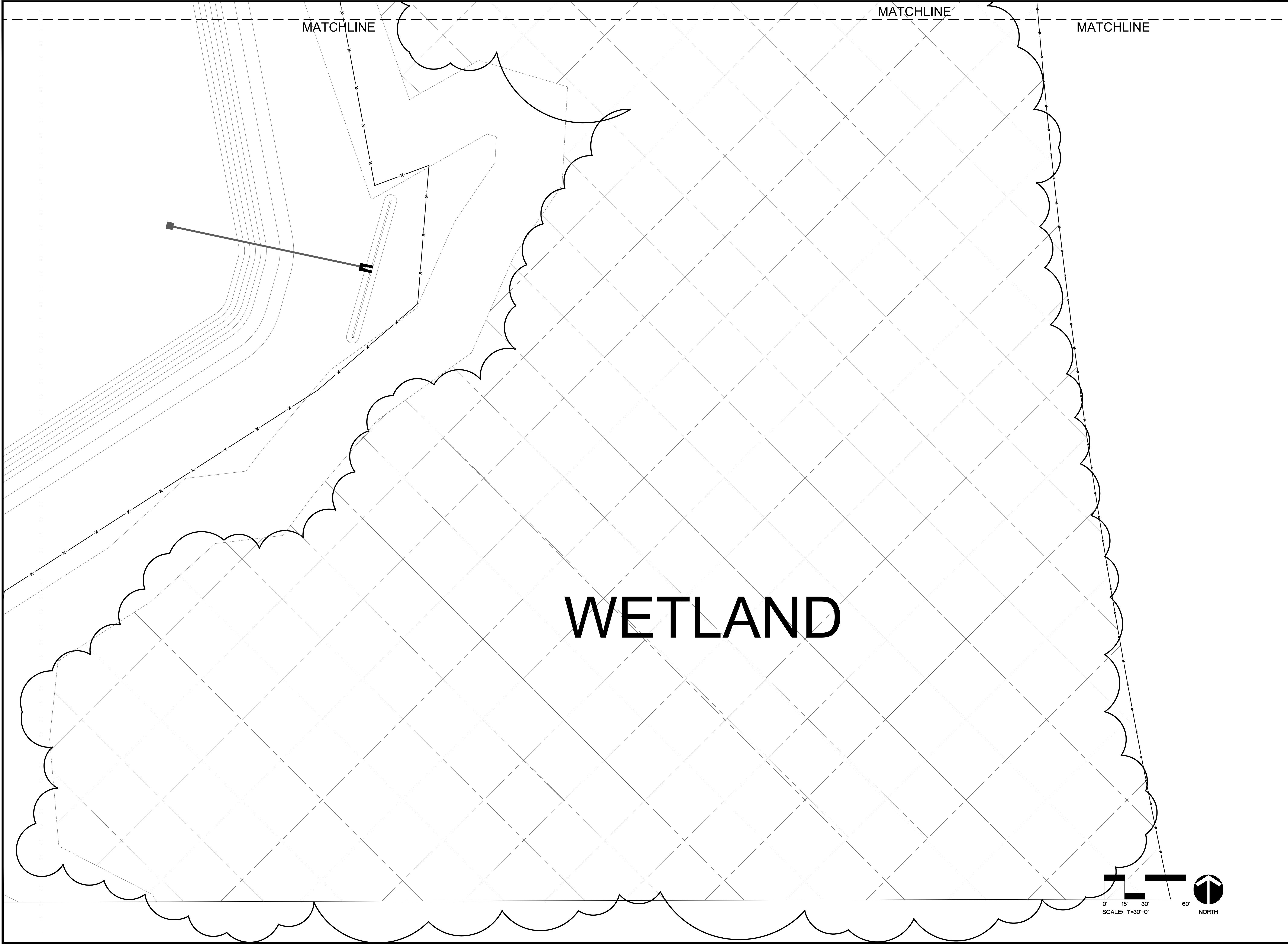


MID-FLORIDA LOGISTICS - PHASE-II

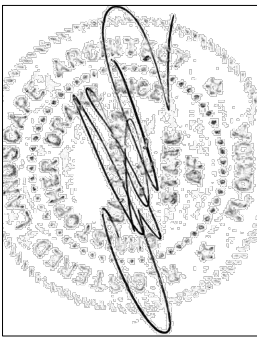
 BORRELLI + PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR ORLANDO, FL 32804 (407) 443-1388		 SIGNATURE AND DATED SEAL CHRISTOPHER D. RICE LA666712	
CONSULTANTS		IRRIGATION PLAN	
DRAWING TITLE		OWNER NAME AND ADDRESS	
REV.	DESCRIPTION	DATE	PROJECT ADDRESS
23-165	CONSTRUCTION DOCUMENTS		
SCALE	1"=30'-0"		
FILE NAME	21-165		
DRAWN BY	LS		
CHECKED BY	CDR		
DATE	07/28/2023		

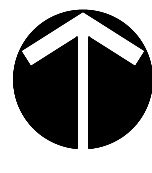

0' 15' 30' 60'
SCALE: 1"=30'-0"


I-103

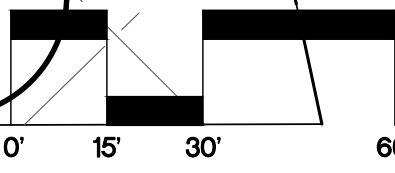


MID-FLORIDA LOGISTICS - PHASE-II

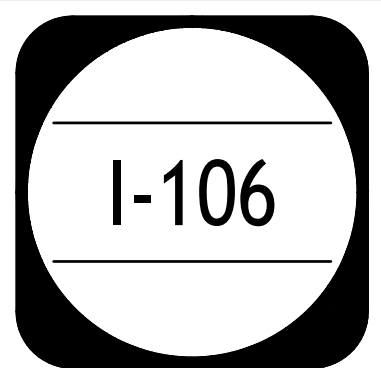
PROJECT NO. 22-165		REV.	DESCRIPTION	DATE	PROJECT ADDRESS	DRAWING TITLE	CONSULTANTS	SIGNATURE AND DATED SEAL	 CHRISTOPHER D. RICE L A6667122	
PHASE CONSTRUCTION DOCUMENTS		-							BORRELLI + PARTNERS ARCHITECTURE PLANNING LANDSCAPE INTERIOR 770 VASSAR STREET ORLANDO, FL 32834-1407 CONFIDENTIAL: THIS DRAWING IS THE PROPERTY OF BORRELLI + PARTNERS. UNLESS OTHERWISE INDICATED, IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF BORRELLI + PARTNERS. ALL RIGHTS RESERVED.	
SCALE 1"=30'-0"										
FILE NAME 21-165										
DRAWN BY LS										
CHECKED BY CDR										
DATE 07/28/2023										
OWNER NAME AND ADDRESS										

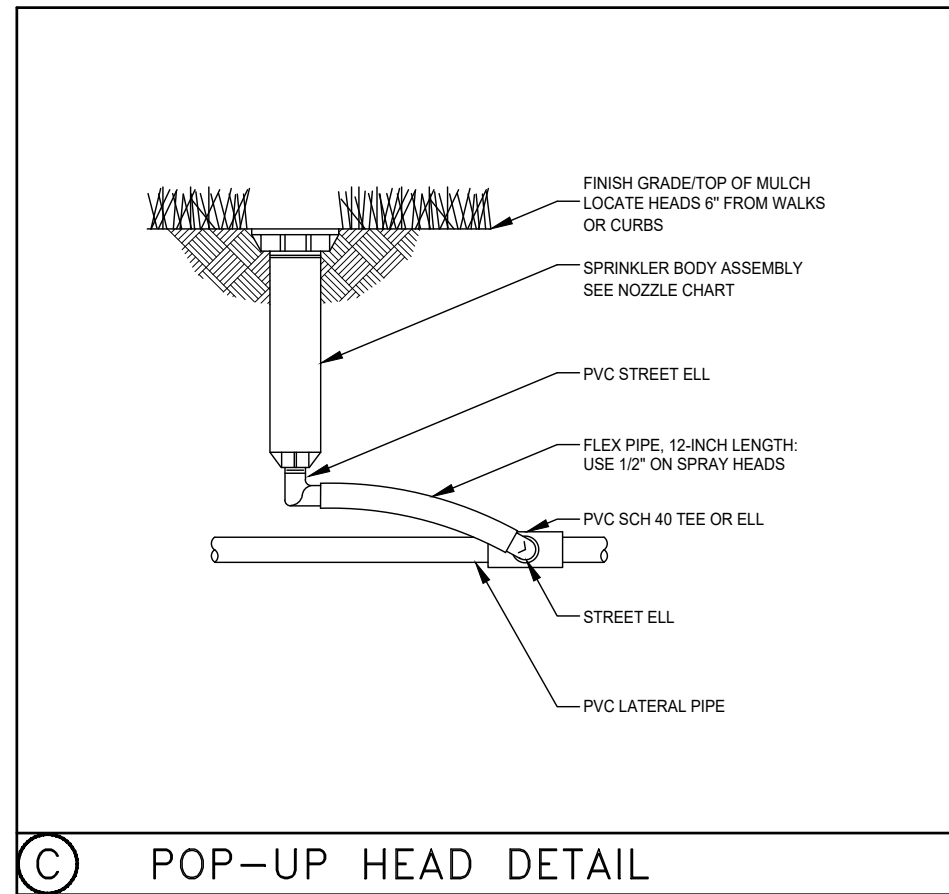
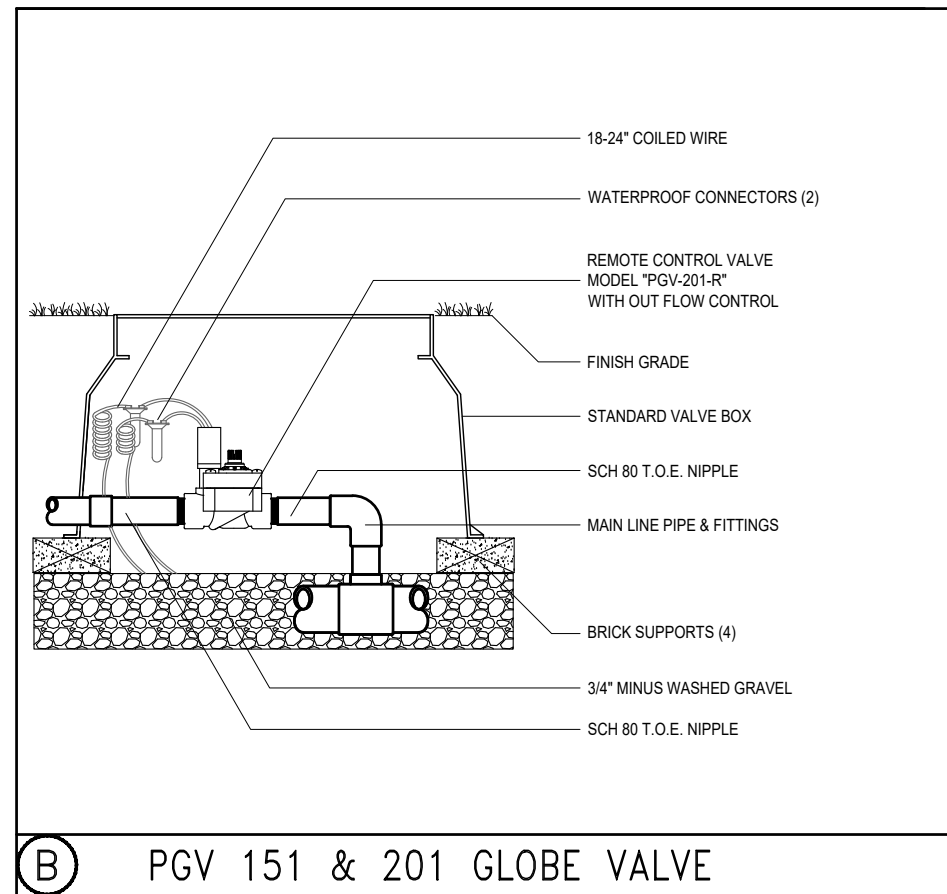


NORTH

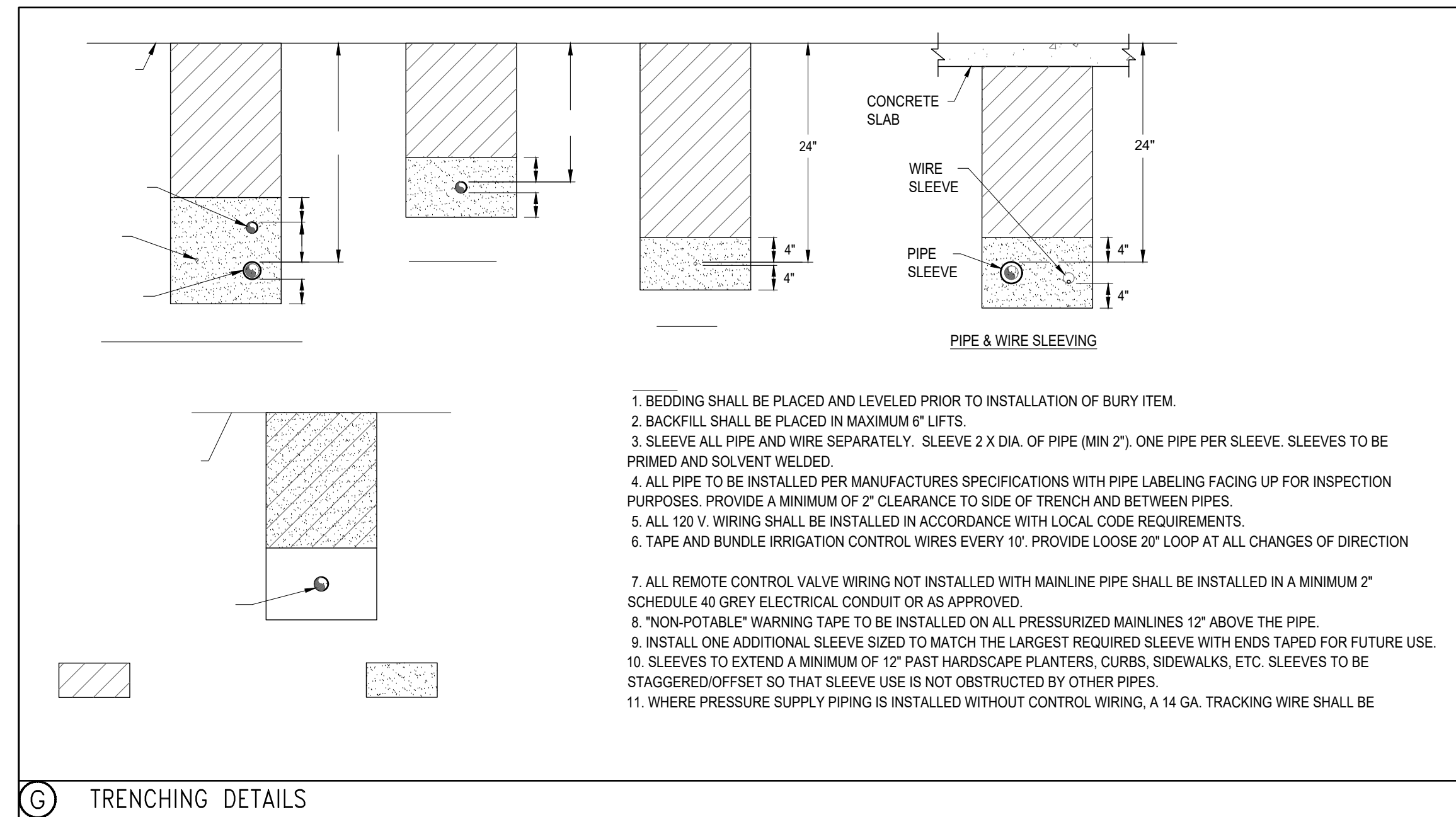
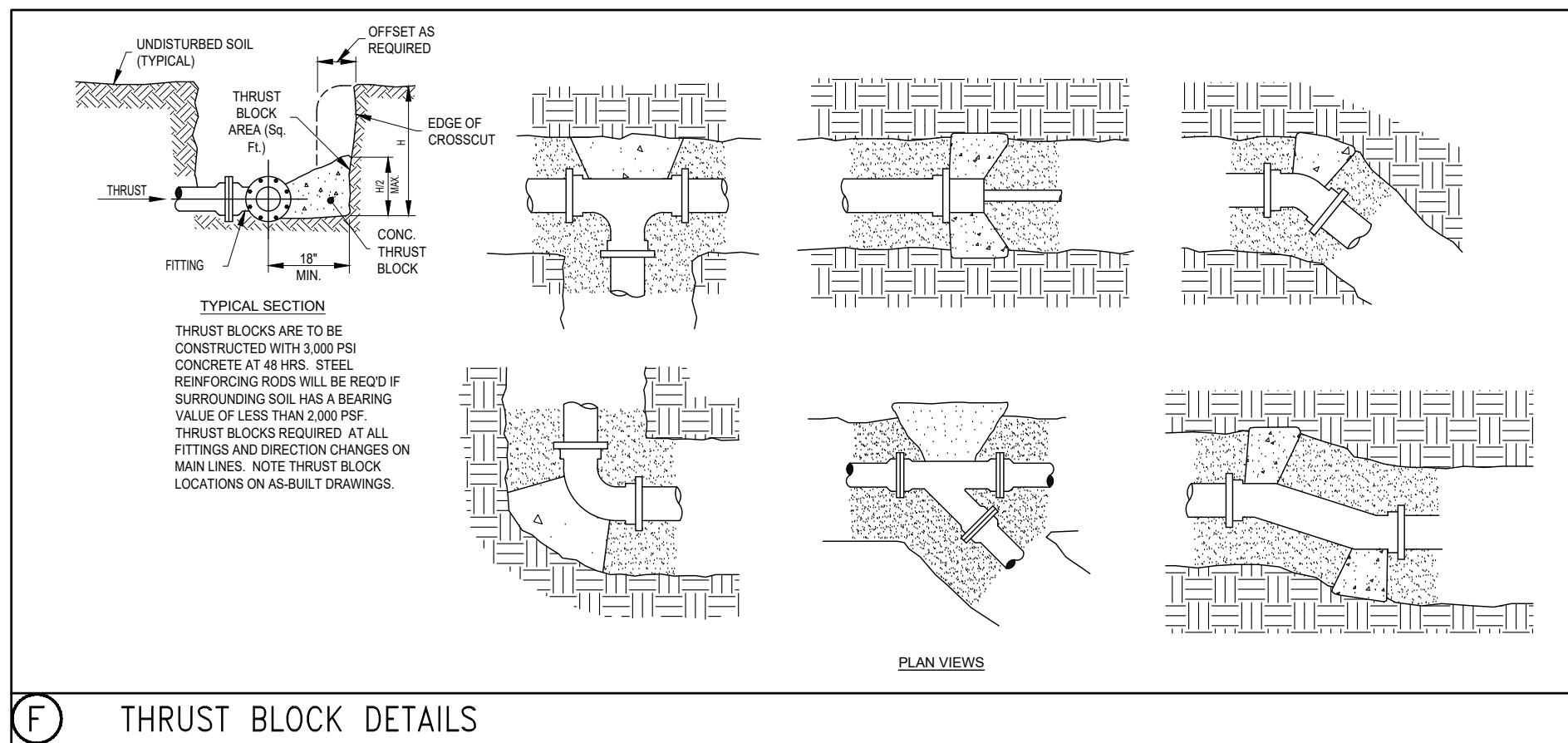
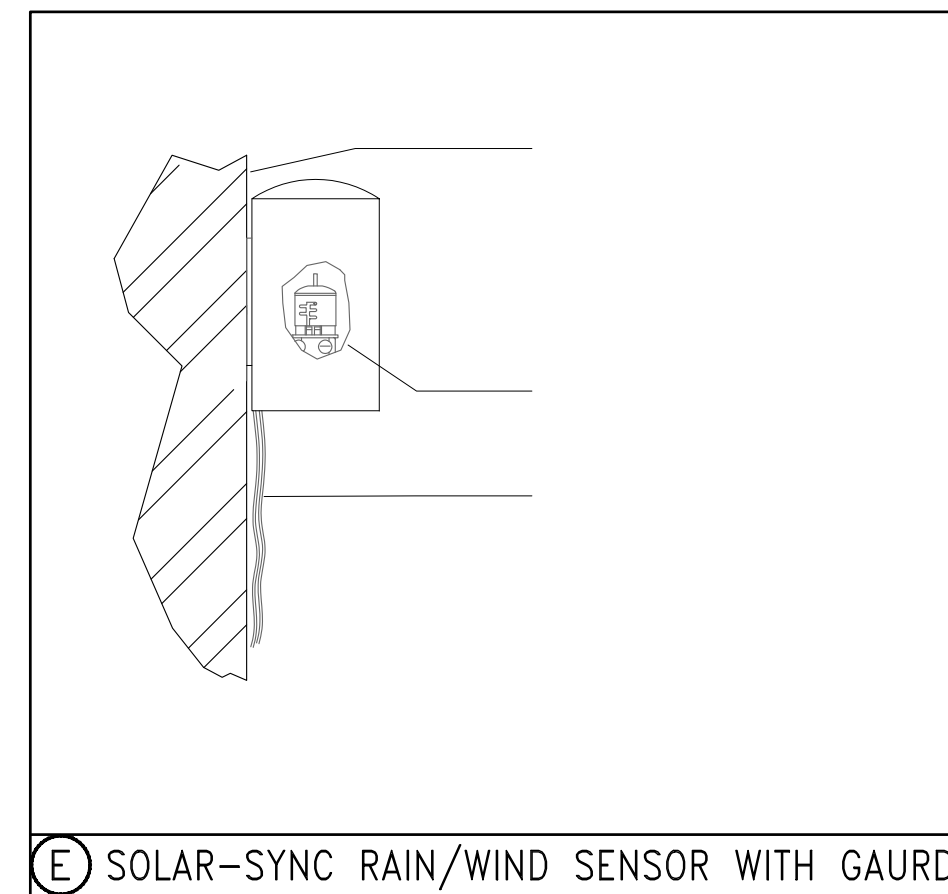


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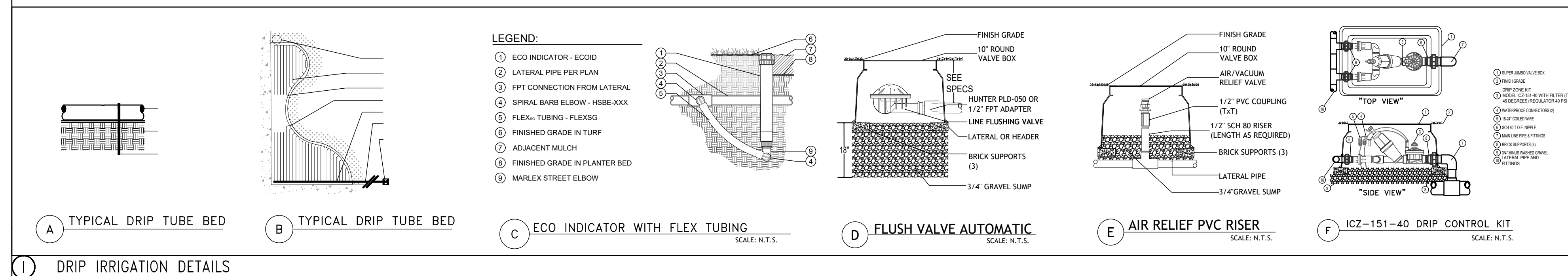
- 1) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS.
- 2) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 3) ALL POP-UP ROTORS AND SPRAY HEADS SHALL BE INSTALLED USING AN 18" P.V.C. FLEX PIPE CONNECTION. DO NOT USE FUNNY PIPE.
- 4) ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES AND BUILDING WALLS.
- 5) THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING.
- 7) ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING SNAP-TITE CONNECTORS AND SEALANT.
- 8) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING ON A REPRODUCIBLE PAPER (SEPIA OR MYLAR) SHOWING ALL INSTALLED IRRIGATION. A MYLAR OR SEPIA OF THE ORIGINAL PLAN MAY BE OBTAINED FROM THE LANDSCAPE ARCHITECT FOR A FEE. THE DRAWING SHALL LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES.
- 9) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES.
- 10) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS.
- 11) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
- 12) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY HIS WORK.
- 13) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP.
- 14) CONTRACTOR TO USE MIN. OF 12 GAUGE WIRE FOR ALL COMMON WIRES AND 14 GAUGE WIRE FOR ALL CONTROL WIRES. CONTRACTOR ALSO TO PROVIDE 3 SPARE CONTROL WIRES FOR ANY FUTURE USE.
- 15) CONCRETE THRUST BLOCKS ARE TO BE UTILIZED AT ALL MAINLINE DIRECTION CHANGES.
- 16) ALL IRRIGATION SHOWN ON PLANS IS SCHEMATIC AND DOES NOT REFLECT ALL FITTINGS AND APPURTENANCES WHICH SHALL BE INCLUDED TO PROVIDE A FULLY FUNCTIONAL IRRIGATION SYSTEM CAPABLE OF PROVIDING 100 PERCENT COVERAGE WITH A 50 PERCENT OVERLAP.



TYPE	SYM	NOZZLE	NOZZLE PATTERN	GPM
MP1000 8'-15' radius	A	MAROON	90° ADJUSTABLE ARC	.21
	B	MAROON	180° ADJUSTABLE ARC	.42
	C	LT. BLUE	210° ADJUSTABLE ARC	.49
	D	LT. BLUE	270° ADJUSTABLE ARC	.63
MP2000 13'-21' radius	E	OLIVE	360° ARC	.84
	F	BLACK	90° ADJUSTABLE ARC	.43
	G	BLACK	180° ADJUSTABLE ARC	.77
	H	GREEN	210° ADJUSTABLE ARC	.86
MP3000 22'-30' radius	I	GREEN	270° ADJUSTABLE ARC	1.10
	J	RED	360° ARC	1.48
	K	BLUE	90° ADJUSTABLE ARC	.86
	L	BLUE	180° ADJUSTABLE ARC	1.82
STRIPS & CORNERS	M	YELLOW	210° ADJUSTABLE ARC	2.12
	N	YELLOW	270° ADJUSTABLE ARC	2.73
	O	GRAY	360° ARC	3.64
	P	TURQUOISE	45°-105° ADJUSTABLE ARC	.45
BUBBLERS AND MICRO- SPRAYS	Q	IVORY	5x15 LEFT STRIP	.22
	R	COPPER	5x15 RIGHT STRIP	.22
	S	BROWN	5x30 SIDE STRIP	.44
	T	PCN10	0.50 GPM FLOOD BUBBLER	.50
MP800 6'-12' radius	U	PCN50	1.00 GPM FLOOD BUBBLER	1.00
	V	SR-4Q	90° 4' RADIUS	.22
	W	SR-4H	180° 4' RADIUS	.44
	AA	ORANGE	90° ADJUSTABLE ARC	.23
CC	BB	ORANGE	180° ADJUSTABLE ARC	.42
	CC	ORANGE	210° ADJUSTABLE ARC	.43
	DD	GREEN	360° ARC	.78

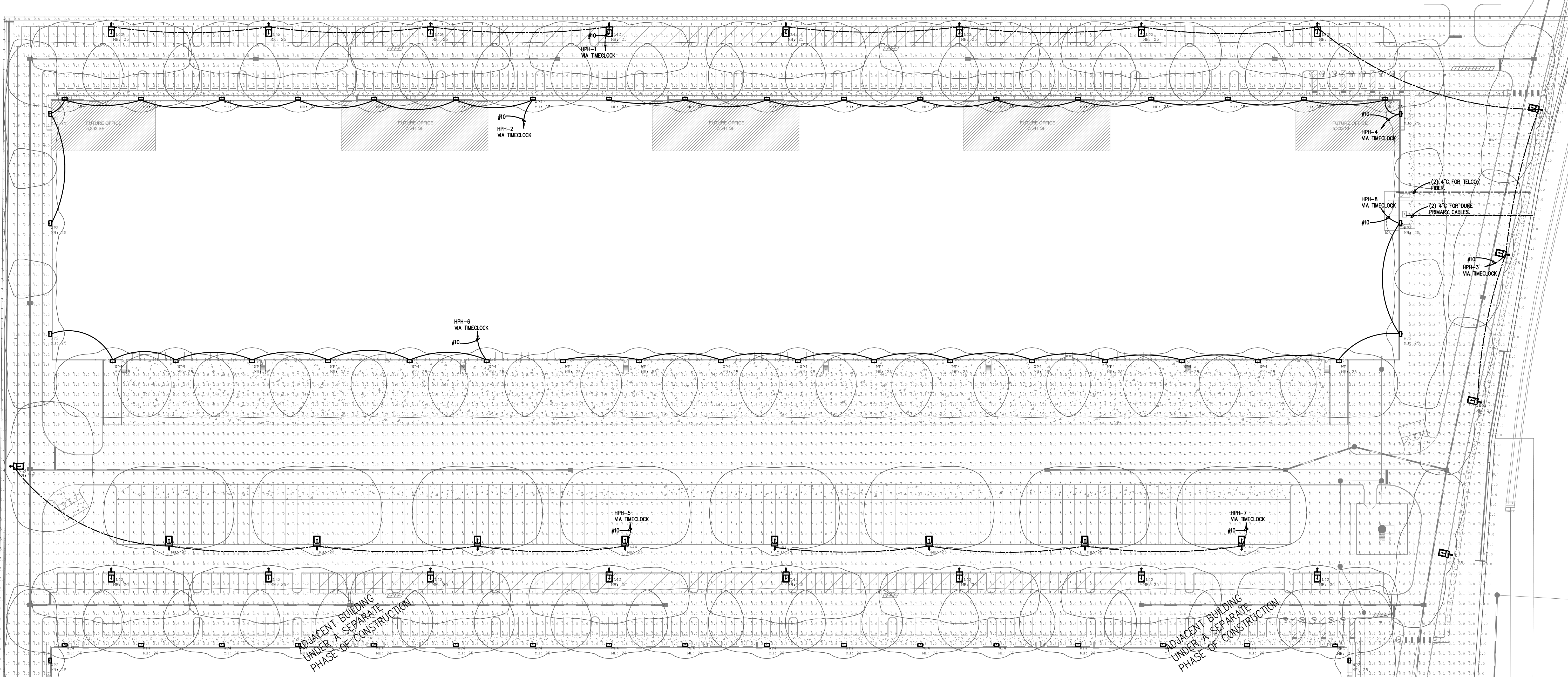
<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>QUANTITIES</u>
-----	HUNTER INDUSTRIES 'PLD-06-18' DRIP TUBING	+/-15,565 LF
□	HUNTER IND. 'PCN-10' AND 'PCN-50' BUBBLER NOZZLES ON FLEX PIPE	268
	HUNTER '1CV-FS-AS-40' SERIES ELECTRIC VALVE WITH ACCU-SET PRESSURE REGULATOR <u>1-1/2" + 2"</u>	5
	HUNTER '1CZ-101-25' DRIP CONTROL VALVE KIT WITH PRESSURE REGULATION <u>1-1/2"</u>	2
	HUNTER ICC2 CONTROLLER, '12C-800-PP WITH ICM-800 AND ICM-2200 MODULES. INSTALL WITH A SOLAR-SYNC SENSOR AND BY-PASS BOX. GROUND WITH AN 8' COPPER CLAD ROD.	1
	HUNTER SOLAR-SYNC SENSOR	1
	2" IRRIGATION RE-USE METER TO PROVIDE A MINIMUM 80 GPM AT 60 PSI	1
	2" IRRIGATION BRASS GATE VALVE	1
—	LATERAL LINE – SCH 40 PVC – SIZE PER PLAN	SEE PLAN
-----	2" MAINLINE – SCH 40 PVC SIZE PER PLAN	SEE PLAN
	SLEEVEING – SCH. 40 PVC MIN. DEPTH OF 24"	SEE PLAN

ZONE #	WATER TYPE	WATERING TIME	GAL. PER MINUTE	GAL. PER WATERING	PRECIP. IN. INCHES
1	BUBBLER *	15 MIN.	57.50 GPM	862.50 GPW	0.43"
2	DRIP *	60 MIN.	46.65 GPM	2,799.00 GPW	0.43"
3	BUBBLER	15 MIN.	49.00 GPM	735.00 GPW	0.43"
4	DRIP *	60 MIN.	50.54 GPM	3,032.40 GPW	0.43"
5	BUBBLER	15 MIN.	64.00 GPM	960.00 GPW	0.43"
6	BUBBLER	15 MIN.	34.00 GPM	510.00 GPW	0.43"
7	BUBBLER	15 MIN.	48.00 GPM	720.00 GPW	0.43"
	TOTAL	3 HRS-15 MIN.	349.69 GPM	9,618.90 GPW	
WATERING SCHEDULE & USAGE CALCULATIONS		19,237.80 GAL / WEEK	- SUMMER (MAR 15- OCT 14 (2 TIMES / WEEK))		
		9,618.90 GAL / WEEK	- WINTER (OCT 15- MAR 14 (1 TIME / WEEK))		
		750,274.20 GAL / YEAR	(78 WATERINGS PER YEAR)		
		525,191.94 GAL / YEAR W/	30% REDUCTION FOR SOLAR-SYNC		



Luminaire Schedule									
Symbol	Qty	Label	Arrangement	MANUFACT	Description	Dim. Watts	LIF	Wire Rating	Inv. Dimens
	12	W2	SINGLE	COOPER LIGHTING SOLUTIONS - MODRAM-EDISO	QMC-SAC2-740-0-SL2	113	0,912	92-00-05	14461
	68	W4	SINGLE	COOPER LIGHTING SOLUTIONS - MODRAM-EDISO	QMC-SAC2-740-0-SL4	113	0,912	92-00-04	14025
	19	SL44	SINGLE	COOPER LIGHTING SOLUTIONS - MODRAM-EDISO	QALN-SAC2-740-0-SL4-HSS	213	0,912	92-00-04	22877
	20	SL42	SINGLE	COOPER LIGHTING SOLUTIONS - MODRAM-EDISO	QALN-SAC2-740-0-SL2-HSS	213	0,912	92-00-04	22762

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min		
Boundary	Illuminance	Fc	0.00	0.9	0.0	N.A.	N.A.		
Overall Calc	Illuminance	Fc	0.69	7.9	0.0	N.A.	N.A.		
Blgd 100 Auto Parking	Illuminance	Fc	3.31	7.9	1.1	3.01	7.18		
Blgd 100 Truck Court	Illuminance	Fc	1.72	3.5	0.5	3.44	7.00		
Blgd 200 Auto Parking	Illuminance	Fc	3.22	6.5	1.1	2.93	5.91		
Blgd 200 Truck Court	Illuminance	Fc	1.91	3.7	0.8	2.39	4.63		



CONSTRUCTION SITE PLAN
FOR
FAIRCLOTH LAKES
SUBDIVISION

CENTRAL FLORIDA
ENGINEERING, INC.

CIVIL ENGINEERING CONSULTANT
3586 ALOMA AVE. SUITE 14 WINTER PARK, FL. 32792
PHONE: (407)719-6040 EMAIL: jfraserpc@earthlink.net

PROJECT INFORMATION

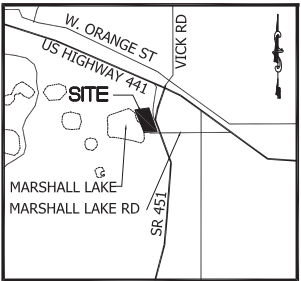
DEVELOPER: HOLLSTON PROPERTIES AND DEVELOPMENT
7575 DR PHILLIPS BLVD #245
ORLANDO, FL 32819
PHONE: (407)481-0002
E-MAIL:holldev@yahoo.com

CIVIL ENGINEER: CENTRAL FLORIDA ENGINEERING, INC.
3586 ALOMA AVE. SUITE 14
WINTER PARK, FL. 32792
PHONE: (407)719-6040
FAX: (407)275-5431
E-MAIL:jfraserpc@earthlink.net

LANDSCAPE ARCHITECT: LANDSCAPE DYNAMICS, CC, INC
2431 ALOMA AVENUE, # 284
WINTER PARK, FL. 32792
PHONE: 407-579-1811
E-MAIL:randeyebuchanan@gmail.com

SURVEYOR: BISHMAN SURVEYING AND MAPPING, INC.
32 W PLANT ST
WINTER GARDEN, FLORIDA 34787
PHONE: (407)905-8877
FAX: (407)905-8875
E-MAIL:aron@bismansurveying.com

GEOTECHNICAL ENGINEER: ECS FLORIDA, LLC
2815 DIRECTORS ROW SUITE 500
ORLANDO, FL. 32809
PHONE: (407)859-8378
FAX:(407)641-9977
E-MAIL:FMixon@ecalimited.com



LOCATION MAP
NTS

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
CVR	COVER SHEET
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C-2	EXISTING CONDITION/DEMOLITION AND TREE REMOVAL/REPLACEMENT PLAN
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C-4	SITE PLAN
C-5	DRAINAGE PLAN
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NOTE

A LETTER MUST BE OBTAINED FROM THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSIONER (FWCC) REGARDING WILDLIFE MANAGEMENT PLAN FOR ENDANGERED SPECIES, PRIOR TO ANY CONSTRUCTION ACTIVITIES OCCURRING ON SITE

SITE INFORMATION

PARCEL ID: 08-21-28-0000-00-050
PROPERTY ADDRESS: MARSHALL LAKE RD
TOTAL ACREAGE: 25.38 AC.
TOTAL DEVELOPABLE ACREAGE: 11.15 AC (UPLAND OF THE WETLANDS)
EXISTING ZONING: R-2
FUTURE LAND USE DESIGNATION: RESIDENTIAL LOW
ZONING TO THE NORTH: R-3
ZONING TO THE EAST: SR 451 R/W
ZONING TO THE WEST: R-3
ZONING TO THE SOUTH: PUD-MIXED EC
LAND USE TO THE NORTH: SINGLE FAMILY DEVELOPMENT
LAND USE TO THE EAST: SR 451 R/W
LAND USE TO THE WEST: SINGLE FAMILY DEVELOPMENT
LAND USE TO THE SOUTH: SINGLE FAMILY DEVELOPMENT
OF LOTS PROPOSED: 31
RESIDENTIAL DENSITY: 31 DWELLING UNITS/ 11.15 ACRES = 2.8 UNITS PER DEVELOPABLE ACRE
PROPOSED PHASING: 1-PHASE
EXISTING USE: OPEN SPACE
POTABLE WATER, RECLAIMED WATER, AND SEWER PROVIDER: CITY OF APOPKA
FLOOD PLAIN ELEVATION 70.3

SITE REQUIREMENTS

MINIMUM FRONT YARD SETBACK: 25' FOR SIDE ENTRY GARAGE AND 30' FOR FRONT ENTRY GARAGE
MINIMUM REAR YARD SETBACK: 20'
MINIMUM SIDE YARD SETBACK: 7.5'
MINIMUM CORNER YARD SETBACK: 25'
MINIMUM LIVING AREA UNDER HEATING AND AIR CONDITIONING: 1,600 SQ.FT.(REQUIRED)
MAXIMUM DENSITY: 6.0 UNITS PER ACRE
DEVELOPMENT STANDARDS TO BE IN ACCORDANCE WITH THE R-2 ZONING DISTRICT
MINIMUM LOT WIDTH: 70'
MINIMUM LOT AREA: 8,000 SF
MINIMUM WIDTH OF LOT ON CURVE AT R/W: 42' (= 60% X 70')

TERMS AND CONDITIONS OF ORDINANCE NO. 234:
1. MINIMUM LOT AREA FOR A SINGLE FAMILY HOME SHALL BE 8,000 SQ. FT.
2. MINIMUM LIVABLE AREA FOR A SINGLE FAMILY DWELLING UNIT IS 1,350 SQ. FT. OR AS OTHERWISE DETERMINED BY CITY COUNCIL AT ITS REVIEW OF THE MASTER SITE PLAN.
3. MINIMUM LOT WIDTH FOR A SINGLE FAMILY HOME SHALL BE 70 FT.
4. THE STANDARD SETBACKS FOR THE R-2 ZONING DESIGNATION WILL APPLY.
5. OPEN SPACE STANDARDS ESTABLISHED FOR THE R-2 ZONING CATEGORY SHALL APPLY TO THE PROPERTY.
6. NO DUPLEXES WILL BE ALLOWED TO BE BUILT ON THE PROPERTY.
7. UNLESS OTHERWISE ADDRESSED WITHIN THE PLANNED UNIT DEVELOPMENT STANDARDS DESCRIBED HEREIN, THE R-2 ZONING STANDARDS WILL APPLY TO THE SUBJECT PROPERTY.
8. AN APPLICATION FOR A PRELIMINARY DEVELOPMENT PLAN OR MASTER SITE PLAN SHALL NOT BE APPROVED BY THE CITY UNTIL SCHOOL CAPACITY ENHANCEMENT DETERMINATION OR MITIGATION AGREEMENT HAS BEEN OBTAINED FROM ORANGE COUNTY PUBLIC SCHOOLS.

LEGAL DESCRIPTION (PER BISHMAN SURVEY, INC.):

(OFFICIAL RECORDS BOOK 3252, PAGE 447)

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTHEAST 1/4 OF SECTION 8, TOWNSHIP 21 SOUTH, RANGE 28 EAST; THENCE RUN NORTH 00 DEGREES 10 MINUTES 51 SECONDS EAST ALONG THE EAST LINE OF SAID NORTHEAST 1/4 A DISTANCE OF 30.00 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF MARSHALL LAKE ROAD; THENCE RUN SOUTH 89 DEGREES 23 MINUTES 53 SECONDS WEST ALONG SAID NORTHERLY RIGHT-OF-WAY LINE A DISTANCE OF 842.14 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89 DEGREES 23 MINUTES 53 SECONDS WEST ALONG SAID NORTHERLY RIGHT-OF-WAY LINE A DISTANCE OF 227.98 FEET TO THE NORTHWESTERLY CORNER OF SAID RIGHT-OF-WAY; THENCE RUN SOUTH 00 DEGREES 14 MINUTES 09 SECONDS WEST ALONG THE WESTERLY LINE OF SAID RIGHT-OF-WAY A DISTANCE OF 30.00 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHEAST 1/4 OF SAID SECTION 8; THENCE RUN SOUTH 89 DEGREES 23 MINUTES 53 SECONDS WEST ALONG SAID SOUTH LINE A DISTANCE OF 906.35 FEET TO THE SOUTHWEST CORNER OF THE EAST 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 8; THENCE RUN NORTH 00 DEGREES 15 MINUTES 54 SECONDS EAST ALONG THE WEST LINE OF EAST 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 8 A DISTANCE OF 1330.25 FEET TO THE NORTHWEST CORNER OF THE EAST 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 8; SAID POINT ALSO BEING A POINT ON THE NORTH LINE OF THE SOUTH 1/2 OF THE NORTHEAST 1/4 OF SAID SECTION 8; THENCE RUN SOUTH 89 DEGREES 58 MINUTES 25 SECONDS EAST ALONG SAID NORTH LINE OF THE SOUTH 1/2 OF THE NORTHEAST 1/4 A DISTANCE OF 658.12 FEET TO THE NORTHEAST CORNER OF THE EAST 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SAID SECTION 8; THENCE LEAVING SAID NORTH LINE OF THE SOUTH 1/2 OF THE NORTHEAST 1/4 RUN SOUTH 09 DEGREES 47 MINUTES 14 SECONDS EAST A DISTANCE OF 430.95 FEET; THENCE RUN SOUTH 14 DEGREES 54 MINUTES 18 SECONDS EAST A DISTANCE OF 235.52 FEET; THENCE RUN SOUTH 21 DEGREES 13 MINUTES 28 SECONDS EAST A DISTANCE OF 343.75 FEET; THENCE RUN SOUTH 37 DEGREES 28 MINUTES 46 SECONDS EAST A DISTANCE OF 278.31 FEET; THENCE RUN SOUTH 24 DEGREES 13 MINUTES 21 SECONDS EAST A DISTANCE OF 103.56 FEET TO A POINT ON THE AFORESAID NORTHERLY RIGHT-OF-WAY LINE OF MARSHALL LAKE ROAD AND THE POINT OF BEGINNING.

CONTAINS 25.384 ACRES MORE OR LESS.

SITE DATA TABLE				
PARCEL ID NUMBER	08-21-28-0000-00-050			
FUTURE LAND USE	RESIDENTIAL LOW(RL)			
ZONING	PD			
ADJACENT FUTURE LAND USE	NORTH RL	SOUTH RL	EAST R/W	WEST RL
ADJACENT ZONING	NORTH R-4	SOUTH PUD-MIXED EC	EAST R/W	WEST R-3
ACREAGE SQUARE FOOT	1,105,647			
BUILDING HEIGHT	PROPOSED		MAX. 35'	
FLOOR AREA RATIO	PROPOSED		MAX. N/A	
BUILDING SETBACKS	PROPOSED: FRONT SIDE REAR CORNER 25' 7.5' 20' 25' REQUIRED: FRONT SIDE REAR CORNER 25' 7.5' 20' 25'			
PARKING SPACES	N/A			
NUMBER OF EMPLOYEES	N/A			
PROPOSED NUMBER OF BEDS	N/A			
WAIVER REQUEST	YES (NO)			
VARIANCE REQUEST	YES (NO)			

James A. Fraser, Professional Engineer,
License No. 8867, Jim Fraser, Inc. is hereby signed and sealed to the following documents and the document are not considered signed and sealed and the signature must be verified by the electronic copy.
Digitally signed by Jim A. Fraser
Date: 2023.08.03
16:09:43 -0400
Professional Engineer

SITE CONSTRUCTION NOTES:

1. CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMED WORK ON THIS PROJECT.
2. THE OWNER, THE STATE, THE CITY AND THE COUNTY SHALL NOT BE HELD LIABLE FOR ANY CLAIMS RESULTING FROM ACCIDENTS OR DAMAGES CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH TRAFFIC AND PUBLIC SAFETY REGULATIONS DURING THE CONSTRUCTION PERIOD.
3. THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT OR THE EXISTING RIGHT-OF-WAYS, CONSTRUCTION AND PERMANENT EASEMENTS AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE CONSENT OF THE OWNER.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE CODES, ORDINANCES AND STANDARDS SPECIFICATIONS OF ALL GOVERNING AGENCIES.
5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AS REQUIRED FOR CONSTRUCTION OF THIS PROJECT.
6. ALL WORK SHALL BE GUARANTEED BY THE CONTRACTOR TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS AND IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR A PERIOD SPECIFIED BY THE LOCAL MUNICIPALITY (MINIMUM OF ONE YEAR) FROM THE DATE OF WRITTEN ACCEPTANCE FROM THE OWNER. THE CONTRACTOR SHALL REPLACE / REPAIR ALL SUBSTANDARD WORK AT NO COST TO THE OWNER.
7. CONTRACTOR TO VERIFY THAT THE PLANS AND SPECIFICATIONS ARE THE LATEST APPROVED PLANS AND ALL ITEMS CONSTRUCTED BY THE CONTRACTOR USING NON-APPROVED PLANS SHALL BE REDONE AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL SEEK CLARIFICATION IN WRITING FROM THE DESIGN ENGINEER BEFORE COMMENCEMENT OF CONSTRUCTION IF CONFLICTS ARE ENCOUNTERED BETWEEN THE APPROVED PLANS AND SPECIFICATIONS ETC.
9. ALL CONSTRUCTION METHODS AND OPERATIONS MUST BE DONE IN SUCH A MANNER AS TO PROTECT ALL ADJACENT EXISTING BUILDINGS AND SITE ELEMENTS. ANY DAMAGES, DISAPPROPRIATE OR OMISSIONS ON THE DRAWINGS MUST BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL MAINTAIN ONE CLEAN SET OF MARKED PLANS SHOWING ALL CHANGES TO THE PERMITTED PLANS, UPON COMPLETION OF PROJECT, THE CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS TO THE ENGINEER SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR IN THE STATE OF FLORIDA.
11. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. THE CONTRACTOR SHALL CALL THE FLORIDA SUNSHINE STATE ONE CALL CENTER, INC., AT 1-800-432-6770 IN ORDER TO HAVE EXISTING UTILITY LOCATIONS VERIFIED/MARKED AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES. IN ADDITION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF SAID UTILITIES WITH THE OWNER OF THE UTILITY.
12. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY IMMEDIATELY UPON BREAKAGE OR DAMAGE TO ANY UTILITY LINE OR APPURTENANCES OR THE INTERRUPTION OF THEIR SERVICE. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

GRADING AND DRAINAGE NOTES:

1. THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATION OR PROVIDE ALL SUITABLE FILL MATERIAL AS APPROVED BY THE SOILS ENGINEER. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR THE RELATED ITEMS.
2. THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY IMMEDIATELY UPON BREAKAGE OR DAMAGE TO ANY UTILITY LINE OR APPURTENANCES OR THE INTERRUPTION OF THEIR SERVICE. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
3. UNLESS NOTED OTHERWISE, GRADES ARE AT THE GUTTER / ASPHALT ELEVATION.
4. THE LOCATION OF UNDERGROUND FACILITIES OR STRUCTURES SHOWN ARE BASED UPON AVAILABLE RECORDS AT THE TIME THE PLANS WERE PREPARED AND ARE NOT GUARANTEED TO BE COMPLETE OR CORRECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL PUBLIC AND / OR PRIVATE UTILITIES SERVING THE AREA TO DETERMINE THE PRESENT EXTENT AND EXACT LOCATION OF THEIR FACILITIES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OF THESE FACILITIES DURING THE COURSE OF THE WORK.
5. ALL PAVEMENT DAMAGED BY CONTRACTOR'S OPERATIONS MUST BE REPAVED TO MATCH EXISTING PAVEMENT SECTION (SEE DRAWING). ALL PAVEMENT MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
6. SITE CONTRACTOR TO BE RESPONSIBLE FOR GRADING WITHIN LANDSCAPE AREAS. GRADE WITHIN THESE AREAS TO BE AT OR ABOVE GRADE AT NEAREST BACK OF CURB OR SIDEWALK. ALL LANDSCAPE AREAS TO BE GRADED WITH CLEAN FILL, ABSENT OF ANY PAVEMENT BASE MATERIALS.
7. ALL SUBGRADE BENEATH PROPOSED BUILDING AND PAVEMENT SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND BE NOT LESS THAN 95 % MAXIMUM DRY DENSITY (MODIFIED PROCTOR) PER ASTM D-1557-78. (TO DEPTHS OF 3 FEET BELOW BUILDING AND 2 FEET BELOW PAVEMENT.

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM WITH THE STANDARDS AND SPECIFICATIONS SET FORTH BY LOCAL, STATE AND FEDERAL REGULATIONS, WHICHEVER IS MORE STRINGENT SHALL APPLY.
2. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACQUIRE THE NECESSARY RIGHT-OF-WAY PERMITTING AND PROVIDE FOR THE SAFETY AND CONFINEMENT OF THE PROJECT DURING CONSTRUCTION.
3. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN-HAND BEFORE BEGINNING ANY CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING (HORIZONTALLY AND VERTICALLY) ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND FOR NOTIFYING VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISTRIBUTION SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY. THE CONTRACTOR SHALL COOPERATE WITH THEM DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
5. THE LOCATION OF ALL EXISTING UTILITIES, STORM DRAINAGE SYSTEMS, AND TOPOGRAPHIC FEATURES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR INACCURACY. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THESE PLANS, THE CONTRACTOR WILL HALT CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE CITY WITHIN 48 HOURS BEFORE ANY INSPECTIONS. ALSO, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL INSPECTION CRITERIA, SCHEDULES AND SIGNED SAID INSPECTIONS.
7. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL NOT EXCAVATE REMOVE OR OTHERWISE DISTURB ANY MATERIAL, STRUCTURE OR PART OF A STRUCTURE WHICH IS LOCATED OUTSIDE THE LINES, GRADES OR GRADING SECTION, ESTABLISHED FOR THIS PROJECT, EXCEPT WHERE SUCH EXCAVATIONS OR REMOVAL IS PROVIDED OR IN THE CONTRACT, PLANS, OR SPECIFICATIONS.
9. ALL WORK AND ALL MATERIALS FURNISHED SHALL BE IN CONFORMANCE WITH THE LINES, GRADES , GRADING SECTIONS, CROSS SECTIONS, DIMENSIONS, MATERIAL REQUIREMENTS, AND TESTING REQUIREMENTS THAT ARE SPECIFIED IN THE CONTRACT, PLANS OR SPECIFICATIONS.
10. PROVIDE A MINIMUM OF 3 FT COVER FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
11. COMPACT ALL UTILITIES TRENCHES WITHIN ROADWAYS TO 98% OF THE PROCTOR MAXIMUM DENSITY.
12. THE SPECIFICATIONS, NOTES AND PLANS CALL ATTENTION TO CERTAIN REQUIRED FEATURES OF THE CONSTRUCTION BUT DO NOT PURPORT TO COVER ALL DETAILS OF DESIGN AND CONSTRUCTION. HOWEVER, THE CONTRACTOR SHALL FURNISH AND INSTALL THE WORKS IN ALL DETAILS AND READY FOR OPERATION.
13. ALL EQUIPMENT SHALL BE HANDLED, STORED, INSTALLED, TESTED AND OPERATED IN STRICT ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S WRITTEN INSTRUCTIONS.
14. ALL WORK SHALL BE ACCOMPLISHED TO THE HIGHEST QUALITY CRAFTSMANSHIP STANDARDS.
15. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES ORDINANCES REGULATIONS.
16. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING.
17. AFTER COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TO THE OWNER A COMPLETE AS-BUILT SET OF DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL ACCEPTANCE IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM A SITE CLEANUP FOR THE REMOVAL OF TRASH, DEBRIS, EXCESS MATERIALS AND EQUIPMENT TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER.
18. NO EXTRA PAYMENTS WILL BE ALLOWED FOR ANY WORK REQUIRED DUE TO MISUNDERSTANDING OF JOB OR SITE CONDITIONS AFFECTING THE WORK AS DESCRIBED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL NOT TAKE ADVANTAGE OF ANY APPROPRIATE ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATION AS MAY BE DEMAED NECESSARY FOR THE FULFILLMENT OF THE INTENT OF THE CONTRACTS DOCUMENTS. THE TENDERING OF A PROPOSAL WILL ACKNOWLEDGE ACCEPTANCE OF THESE CONDITIONS BY THE BIDDER.
19. THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF DETAILED SHOP DRAWINGS OF ALL MAJOR ITEMS PROPOSED FOR THIS PROJECT. THE ENGINEER PRIOR TO ORDERING ANY OF THE EQUIPMENT. TWO (2) COPIES OF THE SHOP DRAWINGS WILL BE RETURNED TO THE CONTRACTOR. UPON THE CONTRACTOR'S RECEIPT OF APPROVED SHOP DRAWINGS FROM THE ENGINEER, THE CONTRACTOR MAY PROCEED WITH THE WORK.
20. INSTALL VALVE BOXES WITH ALL VALVES. VALVE BOXES UNDER THE PAVEMENTS SHALL HAVE TRAFFIC BEARING COVERS.
21. SEPARATION OF WATER MAINS, SANITARY SEWERS & STORM SEWERS SHALL BE AS PER THE RECOMMENDATION OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, LATEST REQUIREMENTS.
- A. UTILITY SEPARATION—VERTICAL SEPARATION. WHERE WATER AND GRAVITY SANITARY SEWER MAINS CROSS WITH LESS THAN 18 INCHES VERTICAL CLEARANCE OR THE SEWER MAIN IS ABOVE THE WATER MAIN, THE SANITARY SEWER SHALL BE 20 FEET OF PVC UPGRADED TO WATER MAIN STANDARDS AND PRESSURE TESTED TO AWWA C900/ASTM 1784 WHERE WATER MAINS AND STORM SEWERS PIPES CROSS WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE WATER MAIN SHALL BE 20 FEET OF DUCTILE IRON PIPE CENTERED ON THE POINT OF CROSSING.
- B. UTILITY SEPARATION—HORIZONTAL SEPARATION. WHEN A WATER MAIN PARALLELS A GRAVITY SANITARY SEWER MAIN, A SEPARATION (MEASURED EDGE TO EDGE) OF AT LEAST 10 FEET SHOULD BE MAINTAINED. WHERE THIS SEPARATION IS NOT MET, ONE OF THE FOLLOWING MUST OCCUR:
1. THE WATER MAIN IS LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR;
2. IF BOTH SANITARY SEWER AND POTABLE WATER MAINS ARE PROPOSED AND ABOVE (1) IS NOT MET, THE SANITARY SEWER PIPES SHALL BE UPGRADED TO THE EQUIVALENT PIPE MATERIAL AS THE WATER MAIN AND PRESSURE TESTED. DUCTILE IRON SHALL NOT BE USED FOR SANITARY SEWER UNLESS APPROVED BY THE DIRECTOR.
3. IF THE SANITARY SEWER IS EXISTING AND THE POTABLE WATER MAIN IS PROPOSED, THE WATER MAIN SHALL, AT A MINIMUM, BE UPGRADED TO DUCTILE IRON PIPE, CONSTRUCTED IN SEPARATE TRENCHES, LAID AT A HIGHER ELEVATION THAN THE SANITARY SEWER, AND UTILIZE STAGGERED JOINTS.
- C. FORCE MAINS. SEPARATION BETWEEN FORCE MAIN AND WATER MAINS MUST BE MAINTAINED UNLESS APPROVED BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- D. SEWER MANHOLES. NO WATER PIPES SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER MANHOLE.
22. WATER MAIN MATERIALS:
- A. PVC PIPE: PVC PIPE OF NORMAL DIAMETER OF FOUR (4) THROUGH TWELVE (12) INCHES SHALL BE (BLUE) AWWA STANDARD C900, CLASS 150, DR 18, AND SHALL BEAR THE NSF LOGO FOR POTABLE WATER USE. AND MUST MEET THE REQUIREMENTS OF ASTM D-1784.

- B. DUCTILE IRON PIPE: DUCTILE IRON PIPE FOR WATER MAIN FOR PIPE SIZES OF FOUR (4) THROUGH FIFTY (50) INCHES SHALL CONFORM TO ANSI/AWWA A21.51/C151. A MINIMUM OF CLASS 250 PRESSURE CLASS 250 MINIMUM RATING UNLESS OTHERWISE NOTED.
- C. PVC WATER MAIN JOINTS:
1. PVC PIPE SHALL HAVE INTEGRAL BELL PUSH-ON TYPE JOINTS CONFORMING TO ASTM D3139.
2. JOINTS FOR DUCTILE IRON PIPE AND FITTING JOINTS SHALL BE PUSH-ON OR MECHANICAL JOINTS CONFORMING TO ANSI/AWWA A21.11/C111, WHERE CALLED FOR IN THE PLANS, RESTRAINED OR FLANGED JOINTS SHALL BE PROVIDED. FLANGED JOINTS SHALL CONFORM TO ANSI STANDARD B16.1-1-125LB. RESTRAINED JOINTS SHALL CONFORM TO NOTE 31 OF THIS SHEET.
- D. PVC AND DUCTILE IRON PIPE WATER MAIN FITTINGS:
1. ANY FITTINGS REQUIRED SHALL BE MECHANICAL JOINT DUCTILE IRON OR GREY IRON CONFORMING TO ANSI/AWWA A21.10/C110, 25 PSI MINIMUM PRESSURE RATING, OR DUCTILE IRON CONDUCT FITTINGS FOUR (4) THROUGH TWELVE (12) INCHES IN ACCORDANCE WITH ANSI/AWWA A21.53/C153.
- E. SERVICE PIPE, STOPS AND FITTINGS:

1. SERVICE PIPE: ALL SERVICE LINES SHALL BE 1", 1-1/2" OR 2" POLYETHYLENE TUBING, WITH NSF LOGO FOR POTABLE WATER USE, AND MUST CONFORM TO SPECIFICATION IN AWWA C800 AND AWWA C901.
2. STOPS: CORPORATION STOPS SHALL BE 1", 1-1/2" OR 2" BRASS, EQUIPPED WITH CONNECTIONS COMPATIBLE WITH THE POLYETHYLENE TUBING AND THREADED IN ACCORDANCE WITH SPECIFICATIONS IN AWWA C800 AND AWWA C901.
3. FITTINGS: FITTINGS SHALL BE BRASS, CAST AND MACHINED IN ACCORDANCE WITH PVC SPECIFICATIONS IN AWWA C800 AND AWWA C901, WITH COMPATIBLE POLYETHYLENE TUBING CONNECTIONS.
4. SERVICE SADDLES: A SERVICE SADDLE SHALL BE USED FOR ALL SERVICE LINE TRAPS. SERVICE SADDLES SHALL BE DOUBLE STRAP, ANCHORED BY A MINIMUM FOUR (4) BOLT PATTERN ON A DUCTILE IRON SADDLE BODY. SERVICE SADDLES FOR PVC PIPES SHALL HAVE THE DOUBLE STRAP SIZED EXACTLY TO THE PIPE OUTSIDE DIAMETER. SEALING GASKETS SHALL BE BUNA-N RUBBER AND STRAPS SHALL BE CORROSION RESISTANT ALLOY STEEL. THE CITY MAY REQUIRE A STAINLESS STEEL STRAP AND FUSION EPOXY OR NYLON COATED DUCTILE IRON BODY WITH STAINLESS STEEL HARDWARE IN AREAS DESIGNATED AS CORROSIVE.

- F. MARKING FOR WATERMAINS:
- ALL NON-METALLIC WATERMAINS SHALL BE INSTALLED WITH A CONTINUOUS, 10 GAUGE INSULATED SINGLE STRAND COPPER WIRE RATED 600V FOR DIRECT BURY INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. IN ADDITION ALL PVC FOREMANS SHALL BE EITHER A SOLID BLUE COLOR OR WHITE WITH BLUE LETTERING. ALL LETTERING SHALL APPEAR LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IS ACCEPTABLE FOR THE INTENDED USE.
- ALL DUCTILE IRON WATER MAINS SHALL BE MARKED WITH A CONTINUOUS STRIPE LOCATED WITHIN THE TOP 90 DEGREES OF THE PIPE. SAID STRIPE SHALL BE A MINIMUM 2 INCHES IN WIDTH AND SHALL BE BLUE IN COLOR. BACKFILL SHALL NOT BE PLACED FOR 30 MINUTES FOLLOWING PAINT APPLICATION.

23. SANITARY PIPE MATERIALS:

- A. PVC GRAVITY SEWER PIPE: PVC GRAVITY SEWER PIPE SHALL BE 4" (4"-15") ASTM D3034, SDR 35, UNIFORM MINIMUM "PIPE STIFFNESS" AT FIVE (5) PERCENT DEFLECTION SHALL BE 46 PSI. THE JOINTS SHALL BE INTEGRAL BELL ELASTOMERIC GASKET JOINTS MANUFACTURED IN ACCORDANCE WITH ASTM D3212 AND ASTM F477. APPLICABLE UN-BELL PLASTIC PIPE ASSOCIATION STANDARD IS UN-B-4. ALL PVC PIPE SHALL BEAR THE NSF-DW SEAL. THE MINIMUM STANDARD LENGTH OF THE PIPE SHALL BE THIRTEEN (13) FEET.
- B. DUCTILE IRON PIPE: DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA A21.51/C151, CLASS THICKNESS DESIGNED PER ANSI/AWWA A21.51/C151, WITH MECHANICAL OR PUSH ON JOINTS. AN INTERIOR PROTECTIVE LINING OF COAL TAR EPOXY SHALL BE PROVIDED WITH A MINIMUM DRY THICKNESS OF 30 MILS. DUCTILE IRON GRAVITY SEWERS, WHERE CALLED FOR BY THE CITY, SHALL BE WRAPPED WITH POLYETHYLENE FILM, AWWA C105, THE MINIMUM STANDARD LENGTH OF PIPE SHALL BE EIGHTEEN (18) FEET. (DUCTILE IRON SHALL NOT BE USED FOR SANITARY SEWER UNLESS APPROVED BY THE DIRECTOR)

C. PIPE MARKINGS:

- ALL PIPE SHALL HAVE A HOMING MARK ON THE SPIGOT PROVIDED BY THE MANUFACTURER. ON FIELD CUT PIPE, THE CONTRACTOR SHALL PROVIDE HOMING MARK ON THE SPIGOT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

D. JOINT MATERIALS:

1. PVC PIPE: PVC SEWER PIPE JOINTS SHALL BE FLEXIBLE ELASTOMERIC SEALS PER ASTM D3212.
2. DUCTIL IRON PIPE: DUCTILE IRON PIPE AND FITTING JOINTS SHALL BE "PUSH-ON" OR MECHANICAL JOINTS CONFORMING TO ANSI A21.11.
- E. FITTINGS: ALL FITTINGS SHALL BE THE SAME MATERIAL AS THE PIPE.

24. FOREMANS:

- A. PVC PIPE: PVC PIPE OF NORMAL DIAMETER OF FOUR (4) THROUGH TWELVE (12) INCHES SHALL BE GREEN AWWA C900, CLASS 150 DR 25 OR CLASS 100 DR 21 AND MUST MEET THE REQUIREMENTS OF ASTM D-1784.
- B. DUCTILE IRON PIPE: DUCTILE IRON PIPE FOR FORCE MAINS FOR PIPE SIZES OF FOUR (4) THROUGH FIFTY FOUR (54) INCHES SHALL CONFORM TO ANSI/AWWA A21.51/C151, A MINIMUM OF PRESSURE CLASS 250 MINIMUM RATING UNLESS OTHERWISE NOTED. (DUCTILE IRON SHALL NOT BE USED FOR FORCE MAIN UNLESS APPROVED BY THE DIRECTOR)
- C. FOREMAIN JOINTS:
1. PVC PIPE SHALL HAVE INTEGRAL BELL PUSH-ON TYPE JOINTS CONFORMING TO ASTM D3139.
2. JOINTS FOR DUCTILE IRON PIPE AND FITTING SHALL BE THE SAME AS IN NOTE 22-C.2 OF THIS SHEET.
- D. FOREMAIN FITTINGS:
1. FOREMAIN FITTING FOR PVC AND DIP SHALL BE THE SAME AS IN NOTE 22-D.1 OF THIS SHEET.
- F. MARKING FOR FOREMAIN:
- ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS, 10 GAUGE INSULATED SINGLE STRAND COPPER WIRE RATED 600V FOR DIRECT BURY INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. IN ADDITION ALL PVC FOREMANS SHALL BE EITHER A SOLID GREEN COLOR OR WHITE WITH GREEN LETTERING. ALL LETTERING SHALL APPEAR LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IS ACCEPTABLE FOR THE INTENDED USE.
- ALL DUCTILE IRON FORCE MAINS SHALL BE MARKED WITH CONTINUOUS STRIPE LOCATED WITHIN THE TOP 90 DEGREES OF THE PIPE. SAID STRIPE SHALL BE A MINIMUM 2 INCHES IN WIDTH AND SHALL BE GREEN IN COLOR. BACKFILL SHALL NOT BE PLACED FOR 30 MINUTES FOLLOWING PAINT APPLICATION.

25. RECLAIMED WATERMAINS:

- A. PVC PIPE: PVC PIPE OF NORMAL DIAMETER OF FOUR (4) THROUGH TWELVE (12) SHALL BE LAVENDER AWWA C900, CLASS 150, SDR 18 AND MUST MEET THE REQUIREMENTS OF ASTM D-1784.
- B. DUCTILE IRON PIPE: DUCTILE IRON PIPE FOR RECLAIMED WATER FOR PIPE SIZES OF FOUR (4) THROUGH FIFTY FOUR (54) INCHES SHALL CONFORM TO ANSI/AWWA A21-51/C151, A MINIMUM OF PRESSURE CLASS 250 MINIMUM RATING UNLESS OTHERWISE NOTED. TO ASTM D3139

C. RECLAIMED MAIN JOINT:

1. PVC PIPE SHALL HAVE INTEGRAL BELL PUSH-ON TYPE JOINTS CONFORMING TO ASTM D3139.
2. JOINTS FOR DUCTILE IRON PIPE AND FITTING SHALL BE THE SAME AS IN NOTE 24-C.2 OF THIS SHEET.
- D. RECLAIMED MAIN FITTING FOR PVC AND DIP SHALL BE THE SAME AS IN NOTE 22-D.1 OF THIS SHEET.
- F. MARKING FOR RECLAIMED WATER MAIN:
- ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS, 10 GAUGE INSULATED SINGLE STRAND COPPER WIRE RATED 600V FOR DIRECT BURY INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. IN ADDITION ALL PVC FOREMANS SHALL BE EITHER A SOLID PURPLE COLOR OR WHITE WITH PURPLE LETTERING. ALL LETTERING SHALL APPEAR LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IS ACCEPTABLE FOR THE INTENDED USE.
- ALL DUCTILE IRON FORCE MAINS SHALL BE MARKED WITH A CONTINUOUS STRIPE LOCATED WITHIN THE TOP 90 DEGREES OF THE PIPE. SAID STRIPE SHALL BE A MINIMUM 2 INCHES IN WIDTH AND SHALL BE PURPLE IN COLOR. BACKFILL SHALL NOT BE PLACED FOR 30 MINUTES FOLLOWING PAINT APPLICATION.
26. THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD RESTRICTIONS IN HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT.
27. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY, AND ROUTE DISCHARGE WATER IN SUCH A MANNER AS TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM THE SITE.
28. VALVES:

- A. BUTTERFLY VALVES ARE REQUIRED ON LINES BEING 16" OR GREATER.
- B. VALVES 2" AND SMALLER: VALVES SHALL BE BRONZE, WEDGE, DISC, NON-RETURN STEEL TYPE, 150 PSI MINIMUM WORKING PRESSURE, EQUIPPED WITH WROUGHT STEEL, ALUMINUM OR CAST IRON OPERATING HAND WHEEL. VALVES SHALL MEET FEDERAL SPECIFICATIONS WWV540, TYPE 1, CLASS A VALVES SHALL BE FIGURE 370 AS MANUFACTURED BY AMERICAN VALVE COMPANY OR APPROVED EQUAL.
- C. VALVE BOXES: UNITS SHALL BE SCREW TYPE, CAST IRON, MINIMUM DIAMETER OF 5" WITH COVER CAST WITH THE APPLICABLE INSCRIPTION IN RELIEF ON THE TOP OF THE COVER. VALVE BOXES SHALL BE SIZED EXACTLY FOR THE APPLICABLE SURFACE LOADING AND VALVE SIZE DOMESTIC ONLY AND SHALL BE MANUFACTURED BY TYLER COMPANY OR APPROPRIATE EQUAL.
- D. WASTEWATER AIR/VACUUM-RELEASE VALVE: THE VALVE BODY SHALL BE OF CAST IRON ASTM A126-B; THE FLOAT, FLOOD GUIDE AND STEM SHALL BE OF STAINLESS STEEL TYPE 304, THE RESILIENT SEAT SHALL BE OF BUNA-N THE VALVE SHALL BE SUITABLE FOR 150 PSI MINIMUM WORKING PRESSURE. VALVE SHALL BE STANDARD TWO (2) INCH NPT INLET AND OUTLET PORTS.
- E. RESILIENT SEAT GATE VALVES: VALVES SHALL BE RESILIENT SEAT WEDGE TYPE. VALVES SHALL BE FURNISHED WITH O-RING STEM SEALS USING 2 O-RINGS. VALVES SHALL BE LOCATED ABOVE THE VALVE BODY. THRUST COLLAR, O-RINGS SHALL BE SET IN THE GROOVES IN THE STEM. INTERNAL AND EXTERNAL SURFACES OF THE VALVE BODY AND BONNET SHALL BE COATED WITH EPOXY TO AWWA C550 STANDARDS. GATES FOR ALL VALVE SHALL BE COMPLETELY ENCAPSULATED IN RUBBER. INCLUDING STEM BORE. VALVES SHALL BE CAPABLE OF INSTALLATION IN ANY POSITION WITH RATED SEALING IN BOTH DIRECTIONS. VALVES SHALL BE STYLE 1087 AS MANUFACTURED BY M&H VALVE COMPANY OR APPROVED EQUAL.
- F. RESILIENT TAPPING VALVES: VALVES SHALL BE FURNISHED WITH THE DESIGN TAPPING FLANGE HAVING A RAISED FACE OR LP DESIGNED TO ENGAGE THE CORRESPONDING RECESS IN THE TAPPING SLEEVE FLANGE IN ACCORDANCE WITH MSS SP60. TAPPING VALVES WITHOUT THE RAISED FACE ON THE TAPPING FLANGE ARE NOT PERMITTED SINCE THEY DO NOT ASSURE THE PROPER ALIGNMENT REQUIRED TO PREVENT DAMAGE BY A MISALIGNED SHELL CUTTER. THE INTERIOR OF THE WATERWAY IN THE BODY SHALL BE FULL OPENING, AND CAPABLE OF PASSING A FULL SIZED SHELL CUTTER EQUAL TO THE NOMINAL DIAMETER OF THE VALVE. SHALL BE METROSEAL AS MANUFACTURED BY U.S. PIPE OR APPROVED EQUAL.
- G. BUTTERFLY VALVES (BFV): VALVES SHALL BE CAST OR DUCTILE IRON BODY ALLOY, CAST IRON OR DUCTILE IRON DISC. VALVE SEAT SHALL BE 18.8 STAINLESS STEEL MADE INTEGRAL WITH THE VALVE BODY. SHAFT SIZE AND OTHER SPECIAL REQUIREMENTS SELECTED IN ACCORDANCE WITH THE SPECIFIC DESIGN AND SHALL COMPLY WITH PROVISIONS OF AWWA C504 RUBBER-SEATED BUTTERFLY VALVES. VALVE OPERATIONS SHALL BE APPROVED GEAR ACTUATORS, WITH SEALED ENCLOSURES FOR BURIED OR SUBMERGED SERVICE. UNITS SHALL BE EQUIPPED WITH ACTUATING NUTS, CAST IRON HANDWHEELS OR CHIN OPERATORS WITH GALVANIZED STEEL CHAINS, AS APPROPRIATE FOR THE INSTALLATION. VALVES SHALL BE STYLE 450 AS MANUFACTURED BY M&H VALVE COMPANY OR APPROVED EQUAL.

29. CONNECTION TO EXISTING LINES, TO WHICH PIPING OF THIS CONTRACT MUST CONNECT, THE FOLLOWING WORK SHALL BE PERFORMED:
- A. EXPOSE BURIED LINES TO CONFIRM OR DETERMINE END CONNECTION, PIPE MATERIAL, AND DIAMETER.
- B. FURNISHING AND INSTALLING PIPING AND MAKING PROPER CONNECTIONS.

30. CONNECTION TO EXISTING LINES, TO WHICH PIPING OF THIS CONTRACT MUST CONNECT, THE FOLLOWING WORK SHALL BE PERFORMED:
- A. EXPOSE BURIED LINES TO CONFIRM OR DETERMINE END CONNECTION, PIPE MATERIAL, AND DIAMETER.
- B. FURNISHING AND INSTALLING PIPING AND MAKING PROPER CONNECTIONS.

31. RESTRAINED JOINTS:
- A. SECTIONS OF PIPING DESIGNATED ON THE DRAWINGS AS HAVING RESTRAINED JOINTS OR THOSE REQUIRING RESTRAINED JOINTS SHALL BE CONSTRUCTED USING PIPE AND FITTINGS WITH RESTRAINED "LOCKED-TYPE" JOINTS AND THE JOINTS SHALL BE CAPABLE OF HOLDING AGAINST WITHDRAWAL FOR LINE PRESSURES 50 PERCENT ABOVE THE NORMAL WORKING PRESSURE, BUT NOT LESS THAN 150 PSI. THE PIPE AND FITTINGS SHALL BE SHOWN FOR RESTRAINED PUSH-ON JOINTS OR RESTRAINED MECHANICAL JOINTS ON PAGE 416 IN SECTION VI. IN THE HANDBOOK OF CAST IRON PIPE, 4TH EDITION. MECHANICAL JOINT DUCTILE IRON PIPE RETAINER GLANDS WILL BE PERMITTED ONLY WHEN RESTRAINED JOINTS ARE NOT READILY AVAILABLE.

- B. RESTRAINED PIPE JOINTS THAT ACHIEVE RESTRAINT BY INCORPORATING CUT OUT SECTIONS IN THE WALL OF THE PIPE SHALL HAVE A MINIMUM WALL THICKNESS AT THE POINT OF CUT OUT THAT CORRESPONDS WITH THE MINIMUM SPECIFIED THICKNESS FOR THE REST OF THE PIPE.

- C. THE MINIMUM NUMBER OF RESTRAINED JOINTS REQUIRED FOR RESISTING FORCES AT FITTINGS AND CHANGES IN DIRECTION OF PIPE SHALL BE DETERMINED FROM THE LENGTH OF THE RESTRAINED PIPE ON EACH SIDE OF FITTINGS AND CHANGES IN DIRECTION NECESSARY TO DEVELOP RESISTING FRICTION WITH THE SOIL. THE FORMULA AND PARAMETERS GIVEN BELOW SHALL BE USED TO DETERMINE THE MINIMUM REQUIREMENTS.

- D. BOLTS AND NUTS FOR RESTRAINED JOINTS SHALL BE CORTEN, LOW ALLOW, HIGH STRENGTH STEEL.

- E. THE CONTRACTOR SHALL ALSO PROVIDE RESTRAINED JOINTS IN ACCORDANCE WITH THE ABOVE CRITERIA WHENEVER THRUST BLOCKS ARE NOT USED IN CONNECTION WITH BELOW GROUND FITTINGS ON LINES 6 INCHES IN DIAMETER OR LESS - AND AS APPROVED BY THE ENGINEER.

32. PRESSURE AND LEAKAGE TEST OF UNDERGROUND PRESSURE PIPING:

- A. HYDROSTATIC PRESSURE AND LEAKAGE TEST SHALL CONFORM WITH SECTION 7.3 OF AWWA C605 (PVC) AND SECTION 5.2 OF AWWA C600 (DIP) SPECIFICATION WITH THE EXCEPTION THAT THE CONTRACTOR SHALL FURNISH ALL GAUGES, METERS, PRESSURE PUMPS AND OTHER EQUIPMENT NEEDED TO TEST THE LINE.
- B. THE PRESSURE REQUIRED FOR THE FIELD HYDROSTATIC PRESSURE TEST SHALL BE 50 PERCENT ABOVE THE NORMAL WORKING PRESSURE BUT NOT LESS THAN 150 PSI. THE CONTRACTOR SHALL PROVIDE TEMPORARY PLUGS AND BLOCKING NECESSARY TO MAINTAIN THE REQUIRED TEST PRESSURE. CORPORATION COCKS AT LEAST 3/4" IN DIAMETER, PIPE RISER AND ANGLE GLOBE VALVES SHALL BE PROVIDED AT EACH PIPE DEAD-END IN ORDER TO BLEED AIR FROM THE LINE. DURATION OF PRESSURE TEST SHALL BE AT LEAST TWO HOURS WITH NO DROP IN TEST PRESSURE. THE COST OF THESE ITEMS SHALL BE PAID BY THE CONTRACTOR.
- C. THE LEAKAGE TEST SHALL BE CONDUCTED PRESSURE TEST AND SHALL BE OF NOT LESS THAN 2 HOURS DURATION. ALL LEAKS EXISTING AT THE SURFACE SHALL BE REPAIRED AND LEAKAGE ELIMINATED REGARDLESS OF TOTAL LEAKAGE AS SHOWN BY TEST LINES WHICH FAIL TO MEET TESTS SHALL BE REPAIRED AND RETESTED AS NECESSARY UNTIL TEST REQUIREMENTS ARE COMPLIED WITH. DEFECTIVE MATERIALS, PIPES, VALVES AND ACCESSORIES SHALL BE REMOVED AND REPLACED. THE PIPE LINES SHALL BE TESTED IN SUCH SECTIONS AS MAY BE DIRECTED BY THE ENGINEER BY SHUTTING VALVES OR INSTALLING TEMPORARY PLUGS AS REQUIRED. THE LINES SHALL BE FILLED WITH WATER ALL AIR REMOVED AND THE TEST PRESSURE SHALL BE MAINTAINED IN THE PIPE FOR THE ENTIRE TEST PERIOD BY MEANS OF A FORCE PUMP TO BE FURNISHED BY THE CONTRACTOR. ACCURATE MEASUREMENTS SHALL BE PROVIDED FOR MEASURING THE WATER REQUIRED TO MAINTAIN THIS PRESSURE. THE AMOUNT OF WATER REQUIRED IS A MEASURE OF THE LEAKAGE.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEAKAGE TEST. IN ACCORDANCE WITH AWWA C600 STANDARDS FOR ALL PRESSURE-NO PIPE INSTALLATION SHALL BE ACCEPTED IF THE LEAKAGE IS GREATER THAN THE FOLLOWING FORMULA:

THIS FORMULA SHALL BE USED FOR PVC PIPE (PVC).

$$L = \frac{ND\sqrt{P}}{7,400}$$

WHERE:

L = ALLOWABLE LEAKAGE (GAL/HOUR)
P = LENGTH OF PIPE TESTED (LINEAR FEET)
D = NOMINAL DIAMETER OF PIPE (INCHES)
P = AVERAGE TEST PRESSURE (PSI)
P = 150 PSI FOR WATERMAINS

THIS FORMULA SHALL BE USED FOR DUCTILE IRON PIPE (DIP).

$$L = \frac{SD\sqrt{P}}{133,200}$$

- E. THE CONTRACTOR MUST SUBMIT HIS PLAN FOR TESTING TO THE ENGINEER FOR REVIEW AT LEAST TEN (10) DAYS BEFORE STARTING THE TEST. THE CONTRACTOR SHALL REMOVE AND ADEQUATELY DISPOSE OF ALL BLOCKING MATERIAL AND PROVIDE ACCEPTANCE OF THE TEST. THE CONTRACTOR SHALL FIELD HYDROSTATIC TEST, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY DAMAGE TO THE PIPE COATING SHALL BE REPAIRED BY THE CONTRACTOR. LINES SHALL BE TOTALLY FREE AND CLEAN PRIOR TO FINAL ACCEPTANCE.

33. DISINFECTING:

PRIOR TO ACCEPTANCE OF THE LINES, AND PRIOR TO USE OF SAID MAINS OF DOMESTIC PURPOSES, THE CONTRACTOR SHALL FLUSH THE LINE CLEAR OF FOREIGN MATERIAL AND THEN STERILIZE THE PIPELINE, INCLUDING ALL VALVES AND FITTINGS, IN ACCORDANCE WITH AWWA C651.

34. CHLORINATION:

THE CHLORINATING AGENT SHALL BE APPLIED AT THE BEGINNING OF THE SECTION ADJACENT TO THE FEEDER CONNECTION AND SHALL BE INJECTED THROUGH A CORPORATION COCK; HYDRANT OR OTHER CONNECTION INSURING TREATMENT OF THE ENTIRE LINE. THE CHLORINATING AGENT SHALL BE ANY COMPOUND SPECIFIED BY SAID AWWA C651 REQUIREMENTS, SUCH AS "HTH" OR OTHER APPROVED CHLORINE-BEARING COMPOUNDS. WATER SHALL BE FED SLOWLY INTO THE NEW LINE WITH CHLORINE APPLIED IN INCREASING AMOUNTS. A DOSAGE OF 40 TO 50 PPM AND A RESIDUAL OF NOT LESS THAN 50 PPM IN ALL PARTS OF THE LINE AFTER A 24 HOUR PERIOD HAS ELAPSED. DURING CHLORINATION PROCESS OPERATE ALL VALVES AND ACCESSORIES.

35. FLUSHING THE WATER LINE:

CARE SHALL BE TAKEN TO PROVIDE DISINFECTIONS TO THE TOTAL SYSTEM AND EXTREMITIES SHALL BE CAREFULLY FLUSHED TO ACCOMPLISH THIS END.

36. CONNECTION TO EXISTING WATER MAINS

IF CONNECTION OF PROPOSED W.M. WILL RESULT IN DEPRESSURIZATION OF EXISTING WM BELOW 20 PSI, ONE OF THE FOLLOWING SHALL OCCUR:

- A. PRECAUTIONARY STOP WATER NOTICE SHALL BE ISSUED IN ALL AREAS WHERE A INTERRUPTION OF WATER SERVICE THAT HAS BEEN DEEMED A HEALTH THREAT BY D.E.P., OR WILL EFFECT THE BACTERIOLOGICAL QUALITY OF THE EXISTING W.M.
- B. ADVISORIES SHALL BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR AND NOT DEEMED AN IMMINENT PUBLIC HEALTH THREAT.

37. FIRE HYDRANTS:

SHALL BE 5-1/4" VALVE OPENING, 42" BURY, 6" MJ SHOE, BRONZE TO BRONZE SEATING, DUCTILE IRON DIRT WEATHER SHIELD, SHOE, UPPER AND LOWER CARRIAGE REDUCED TO 150 PSI. DRY BARRER WITH ONE 4-1/2" PUMPER NOZZLE AND TWO 2-1/2" PUMP NOZZLE 1-1/2" PENTAGON N.S.T. RED PAINT FOR WEEP HOLES PLUGGED HYDRANT MEET AWWA C-502.85 AND UL/7M REQUIREMENTS. HYDRANTS SHALL BE MODEL MEDALION AS MANUFACTURED BY CLOW OR APPROVED EQUAL. ALL FIRE HYDRANTS SHALL BE PAINTED AS STATED IN THE APOPKA DESIGN AND CONSTRUCTION MANUAL SEC. 52.7.2.

38. BLOWOFF HYDRANT:

SHALL BE BOX HYDRANTS HAVING A 2" MAIN VALVE CLOSING WITH THE WATER PRESSURE. 2" FIP INLET WITH THE OUTLET BEING A 2" BRONZE MAIL NOZZLE. ALL WORKING PARTS BROKEN OPEN TO THE LEFT. REMOVABLE BRONZE SEAT WHICH SEALS AGAINST A SEAT RUBBER OF NO LESS DIAMETER THAN 85 WITH LOCKABLE IRON LIDS. BLOWOFF HYDRANTS SHALL BE ECLIPSE MODEL NO. 858 AS MANUFACTURED BY KUPFERLE FOUNDRY COMPANY OR APPROVED EQUAL.

39. LEAKAGE TEST FOR GRAVITY SANITARY SEWERS:

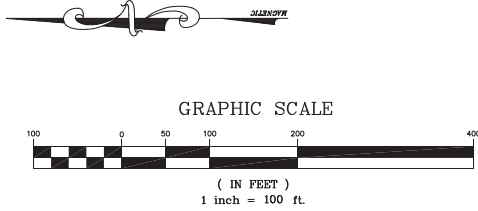
- A. LEAKAGE TEST SHALL BE THE LOW PRESSURE AIR TEST OR LEAKAGE/INFILTRATION. IN GENERAL, LEAKAGE/INFILTRATION TEST MAY BE REQUIRED IN AREA WITH GROUNDWATER. MAXIMUM INFILTRATION IS 0.2 GALLONS PER HOUR PER INCH DIAMETER, PER 100 FEET. MANHOLE MAY BE TESTED SIMULTANEOUSLY WITH HYDROSTATIC TEST. BY FILLING MANHOLE WITH WATER TO AN ELEVATION 1 FOOT BELOW THE START OF THE CONE SECTION WITH A MINIMUM DEPTH OF 20 FEET WHERE THE MANHOLES ARE TESTED WITH THE SEWER LINE NO ADDITIONAL LEAKAGE WILL BE ALLOWED ABOVE THAT FOR THE MAINLINE SEWER. THE MAXIMUM ALLOWABLE DROP IN THE WATER SURFACE SHALL BE 1/2 INCH FOR EACH 15 MINUTES PERIOD OF TESTING.
- B. THE AIR LEAKAGE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURE FOR "RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OR INSTALLATION OF SEWER PIPE" AS ESTABLISHED BY THE UN-BELL PVC PIPE ASSN. PASSING THIS TEST, SHALL BE PRESUMED TO ESTABLISH LEAKAGE TEST LIMITS OF 50 GALLONS PER DAY PER INCH DIAMETER PER MILE SEWER.
- C. THE INTERNAL VIDEO INSPECTION FOR THE GRAVITY SEWER SHALL BE PERFORMED BY THE CONTRACTOR TO CHECK FOR ALIGNMENT AND DEFLECTION. THE TELEVISION INSPECTION SHALL ALSO BE USED TO CHECK FOR CRACKED, BROKEN OR OTHERWISE DEFECTIVE PIPE, AND OVERALL PIPE INTEGRITY.

ADDITIONAL NOTES:

- A. NON-STORM WATER DISCHARGES: IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
1. PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).
2. UNCONTAMINATED GROUNDWATER (FROM DETWATERING EXCAVATION). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE PROPOSED DRAINAGE STRUCTURES/SWALES.
- B. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ANY ADDITIONAL EROSION CONTROL, IF IT BECOMES NECESSARY TO MEET THE STATE AND LOCAL STANDARD.
- C. OPERATOR AND/OR RESPONSIBLE AUTHORITY: HOME OWNERS ASSOCIATION

REVISIONS

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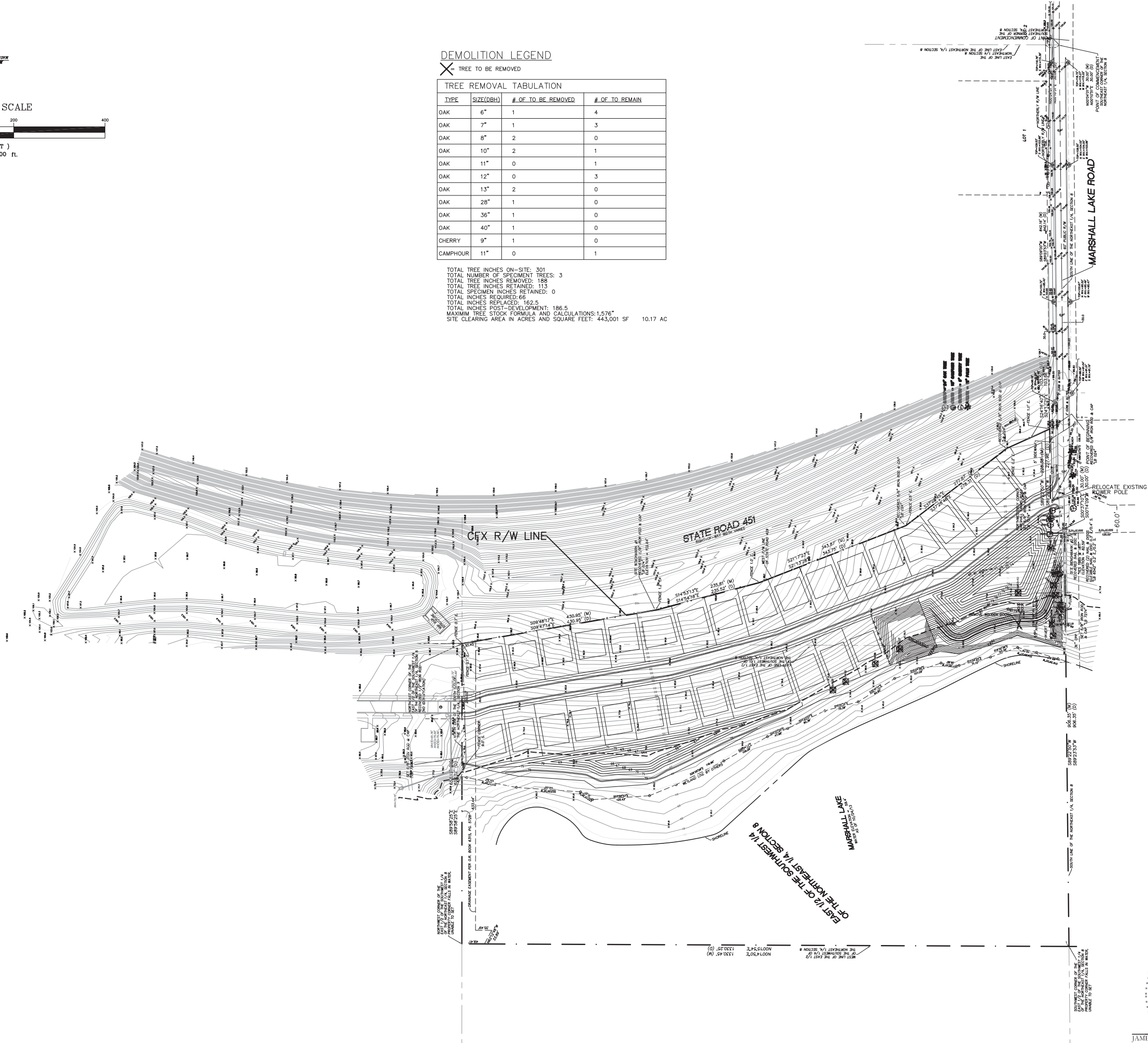


DEMOLITION LEGEND

X= TREE TO BE REMOVED

TREE REMOVAL TABULATION			
TYPE	SIZE(DBH)	# OF TO BE REMOVED	# OF TO REMAIN
OAK	6"	1	4
OAK	7"	1	3
OAK	8"	2	0
OAK	10"	2	1
OAK	11"	0	1
OAK	12"	0	3
OAK	13"	2	0
OAK	28"	1	0
OAK	36"	1	0
OAK	40"	1	0
CHERRY	9"	1	0
CAMPBELL	11"	0	1

TOTAL TREE INCHES ON-SITE: 301
TOTAL NUMBER OF SPECIMEN TREES: 3
TOTAL TREE INCHES REMOVED: 188
TOTAL TREE INCHES RETAINED: 113
TOTAL SPECIMEN INCHES RETAINED: 0
TOTAL INCHES REQUIRED: 66
TOTAL INCHES REPLACED: 162.5
TOTAL INCHES POST-DEVELOPMENT: 186.5
MAXIMUM TREE STOCK FORMULA AND CALCULATIONS: 1,576"
SITE CLEARING AREA IN ACRES AND SQUARE FEET: 443,001 SF 10.17 AC



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CERTIFICATE OF AUTHORIZATION #25899

FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

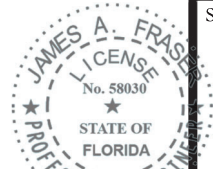
EXISTING CONDITIONS PLAN

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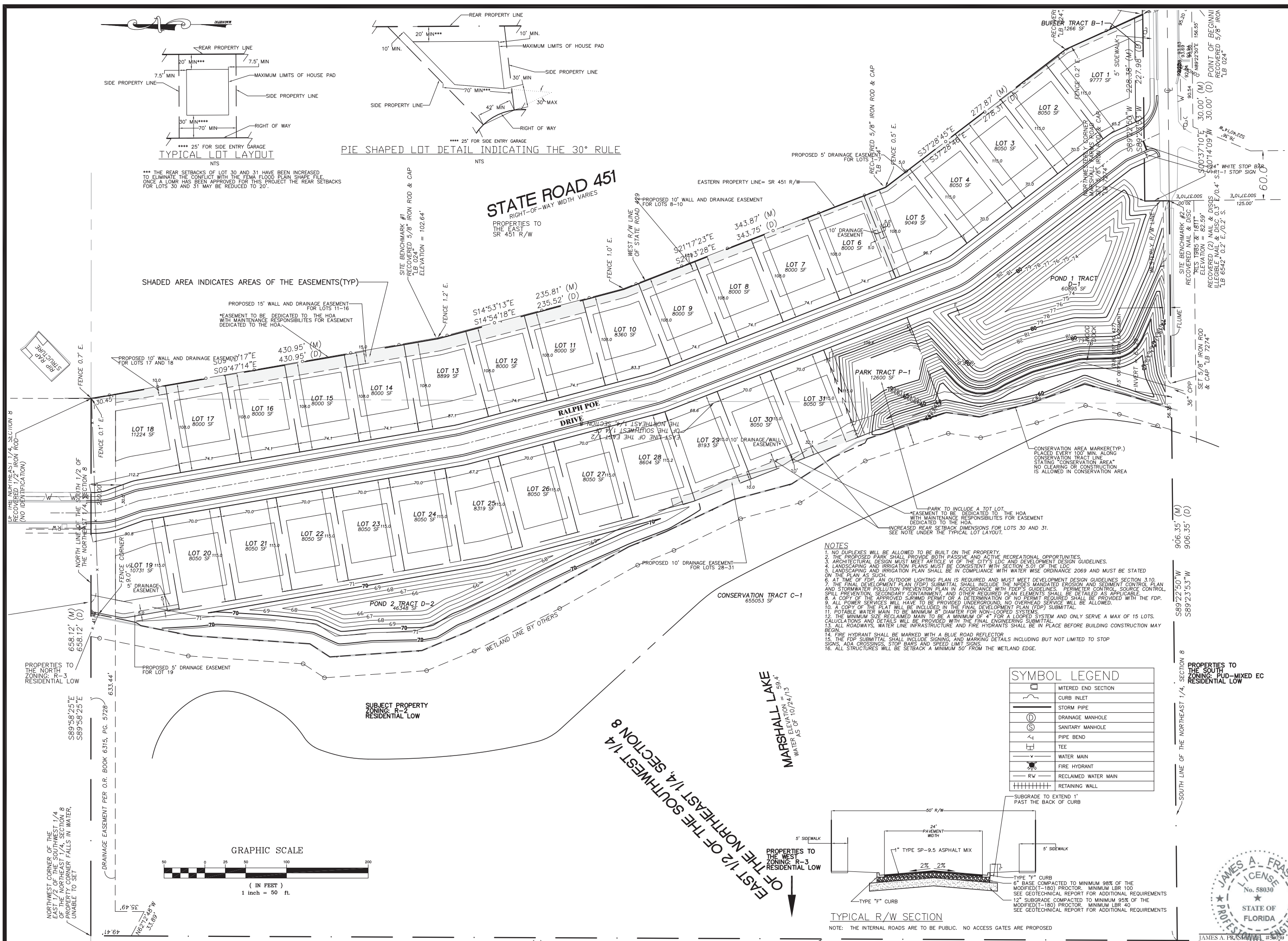
DESIGNED BY:	JAF
DRAWN BY:	JAF
CHECKED BY:	JAF
DATE:	08/02/23
PROJECT NO.	061-002
SCALE:	1"=100

SHEET NO.

C-2



JAMES A. FRASER, P.E. #58030



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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

SITE PLAN

REVISIONS

No.	Date	Description
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DESIGNED BY: JAF

DRAWN BY: JAF

CHECKED BY: JAF

DATE: 08/02/23

PROJECT NO. 061-002

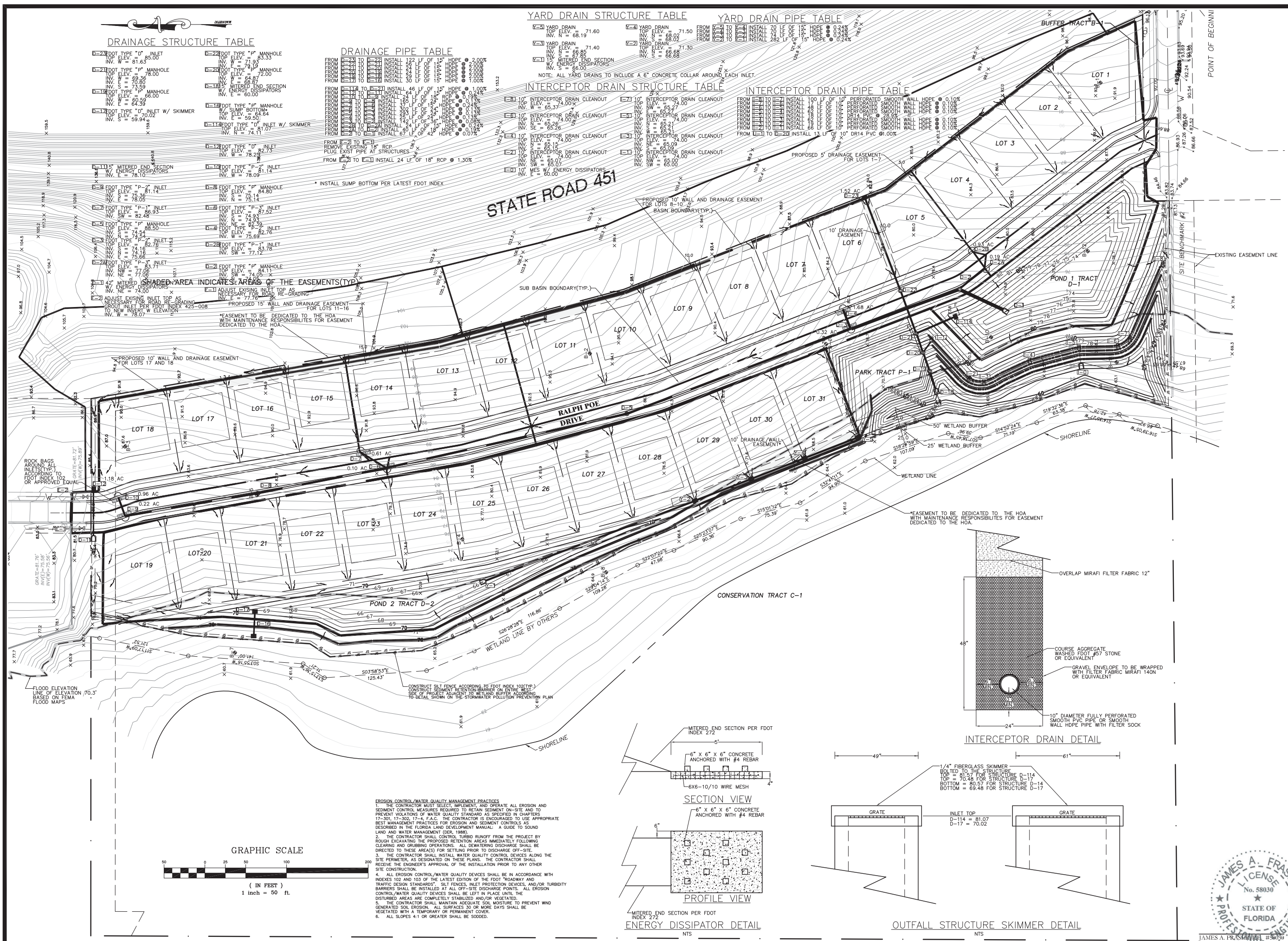
SCALE: 1"=50'

SHEET NO.

C-4

Page 178 of 196

JAMES A. FRASER
LICENSED PROFESSIONAL ENGINEER
No. 58030
STATE OF FLORIDA



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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

DRAINAGE PLAN

REVISIONS

No.	Date	Description
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DRAWN BY: JAF

CHECKED BY: JAF

DATE: 08/02/23

PROJECT NO. 061-002

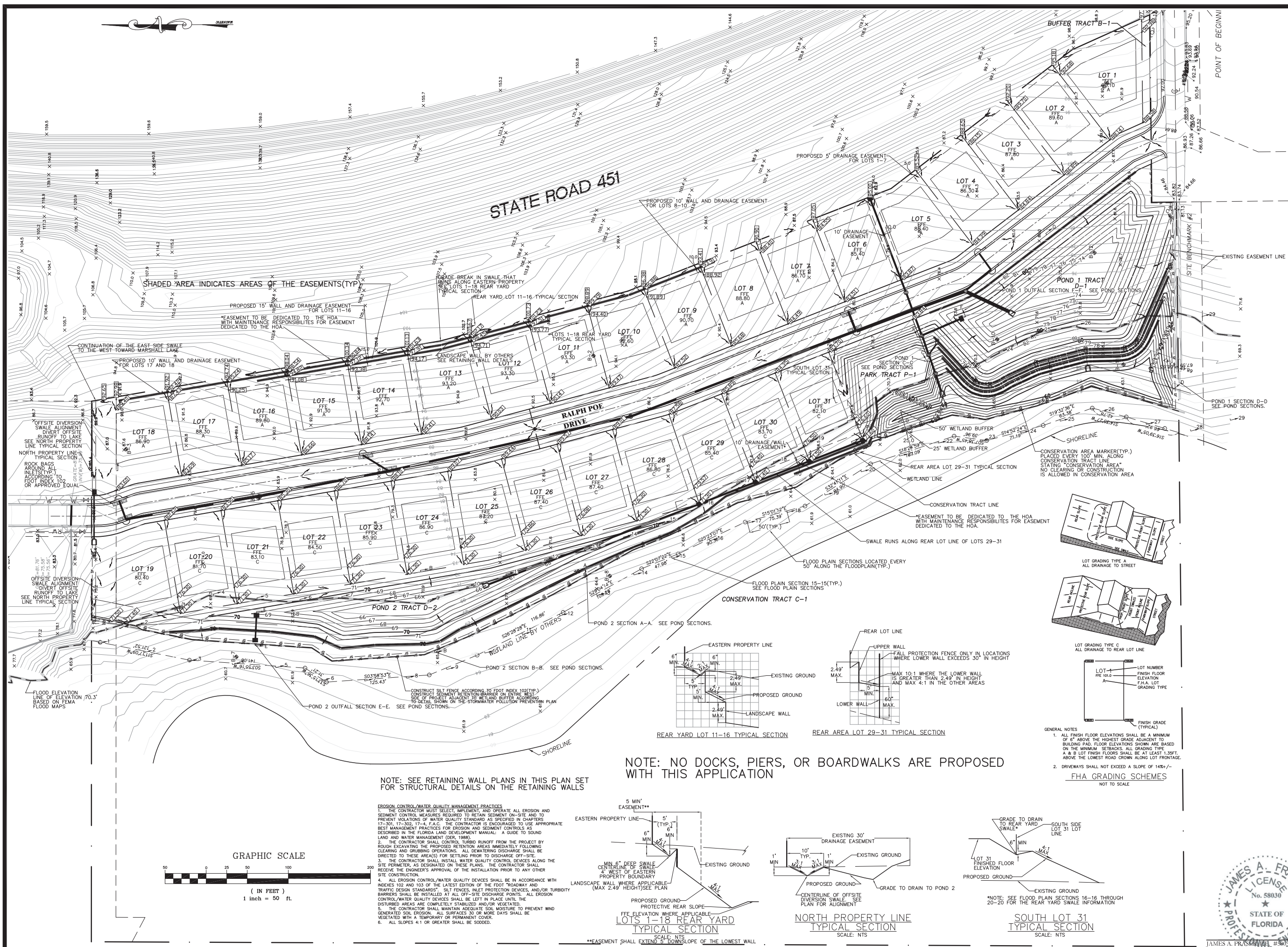
SCALE: 1"=50'

SHEET NO.

C-5

JAMES A. FRASER
LICENSED PROFESSIONAL ENGINEER
No. 58030
STATE OF FLORIDA

JAMES A. FRASER #58030



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**FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA**

GRADING PLAN

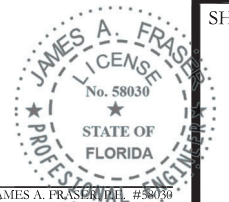
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DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: 1"=50'

SHEET NO.

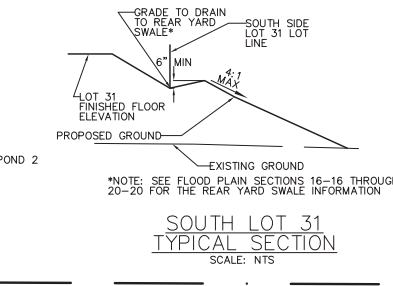
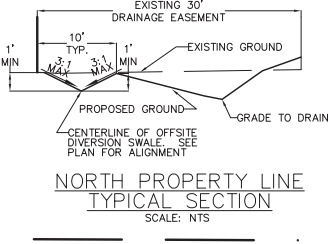
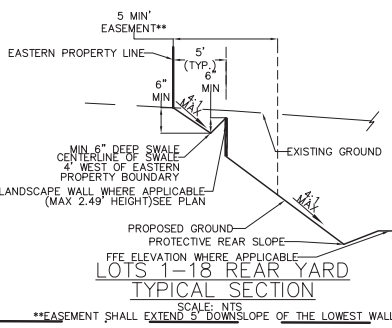
C-6



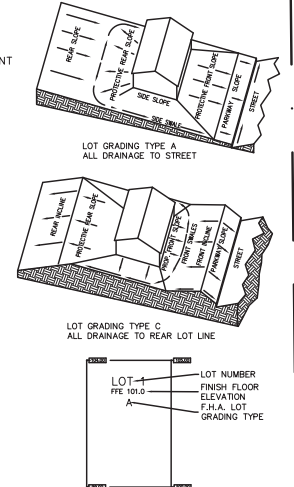
NOTE: SEE RETAINING WALL PLANS IN THIS PLAN SET FOR STRUCTURAL DETAILS ON THE RETAINING WALLS

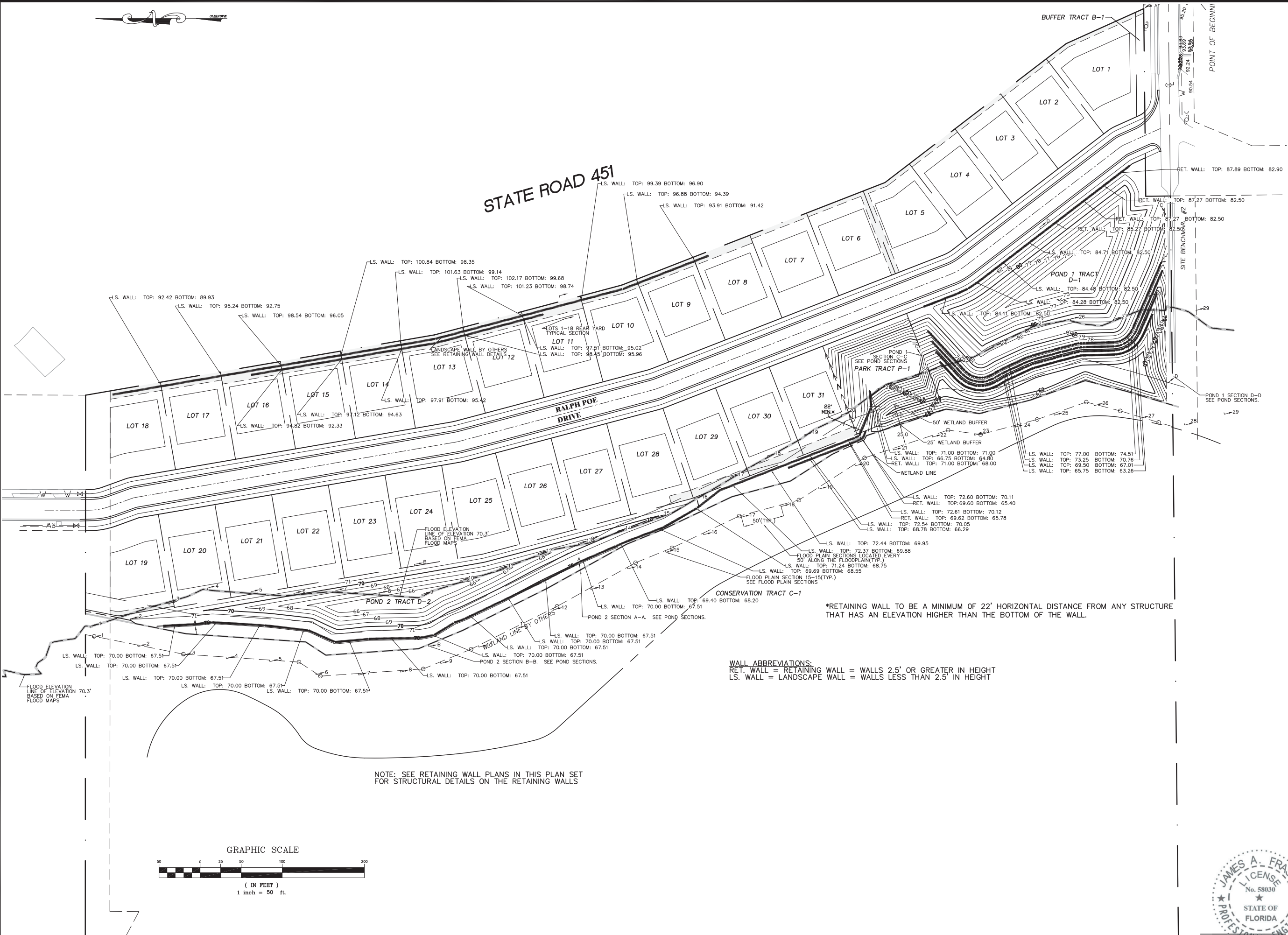
NOTE: NO DOCKS, PIERS, OR BOARDWALKS ARE PROPOSED WITH THIS APPLICATION

EROSION CONTROL/WATER QUALITY MANAGEMENT PRACTICES
1. THE CONTRACTOR MUST SELECT, IMPLEMENT, AND OPERATE ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND TO PREVENT VIOLATIONS OF WATER QUALITY STANDARDS AS SPECIFIED IN CHAPTERS 17-301.17-303.17-4, F.A.C. THE CONTRACTOR IS ENCOURAGED TO USE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROLS AS DESCRIBED IN THE FLORIDA LAND DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DER, 1988).
2. THE CONTRACTOR SHALL CONTROL TURBID RUNOFF FROM THE PROJECT BY ROUGH EXCAVATING THE PROPOSED RETENTION AREAS IMMEDIATELY FOLLOWING CLEARING AND GRUBBING OPERATIONS. ALL DETERMINING DISCHARGE SHALL BE DIRECTED TO THESE AREAS FOR SETTLING PRIOR TO DISCHARGE OFF-SITE.
3. THE CONTRACTOR SHALL INSTALL WATER QUALITY CONTROL DEVICES ALONG THE SITE PERIMETER, AS DESIGNATED ON THESE PLANS. THE CONTRACTOR SHALL RECEIVE THE ENGINEER'S APPROVAL OF THE INSTALLATION PRIOR TO ANY OTHER SITE CONSTRUCTION.
4. ALL EROSION CONTROL/WATER QUALITY DEVICES SHALL BE IN ACCORDANCE WITH INDEXES 102 AND 103 OF THE LATEST EDITION OF THE FOOT "ROADWAY AND TRAFFIC DESIGN STANDARDS". Silt fences, inlet protection devices, and/or turbidity barriers shall be installed at all off-site discharge points. ALL EROSION DISTURBED AREAS ARE COMPLETELY STABILIZED AND/OR VEGETATED.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SOIL MOISTURE TO PREVENT WIND GENERATED SOIL EROSION. ALL SURFACES 30' OR MORE DAYS SHALL BE VEGETATED WITH A TEMPORARY OR PERMANENT COVER.
6. ALL SLOPES 4:1 OR GREATER SHALL BE SLOOED.



GENERAL NOTES
1. ALL FINISH FLOOR ELEVATIONS SHALL BE A MINIMUM OF 6" ABOVE THE HIGHEST GRADE ADJACENT TO BUILDING PAD. FLOOR ELEVATIONS SHOWN ARE BASED ON THE MINIMUM SETBACKS. ALL GRADING TYPE A & B LOT FINISH FLOORS SHALL BE AT LEAST 1.35FT. ABOVE THE LOWEST ROAD CROWN ALONG LOT FRONTAGE.
2. DRIVEWAYS SHALL NOT EXCEED A SLOPE OF 14%+/-
FHA GRADING SCHEMES
NOT TO SCALE





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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA
RETAINING/LANDSCAPE WALL SITE PLAN

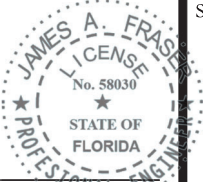
REVISIONS	
No.	Description
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DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: 1"=50'

SHEET NO.

C-6A



JAMES A. FRASER #58030

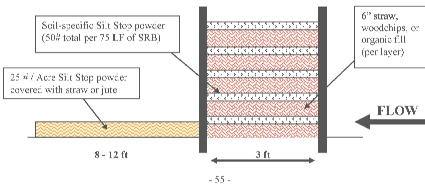
Sediment Control

Sediment Retention Barriers (SRB)

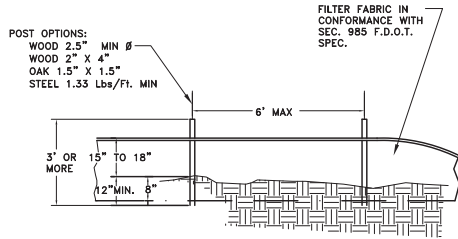
The Sediment Retention Barrier (SRB) is a double row of silt fence, standing about 4-6 feet apart, filled with loose mulch, straw, woodchips, or other organic matter mixed or blended with the site-specific Silt Stop polymer. It is used on graded sites to trap the first sediment and clay that flow through the silt fence barrier. With the use of the site-specific Silt Stop polymer, stormwater clarity can be greatly improved while utilizing the location of the silt fence.

- Install in areas where stormwater will exit a site, keeping the installation as level as possible; fill low spots as necessary.
- Place the barrier perpendicular to flow.
- The silt fence should be designed to allow water to pass through it. The silt fence shall allow water to pass at a rate of 70 GPM/ft or greater.
- Place 2 parallel rows silt fence 4-5 feet apart. Place loose straw or mulch 3 feet deep between the silt fences (do not compact).
- Dry site-specific Silt Stop powder should be spread throughout the organic fill material, mixed evenly or spread in small layers. Application rates should be around 50# powder / 75 linear feet of SRB.
- Stabilizing the soil behind the SRB with Silt Stop powder and straw or jute matting provides final clarification of the stormwater. It should be used where clarity is extremely important.

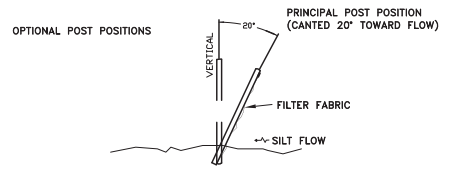
Cross section of a Sediment Retention Barrier:



AD 451

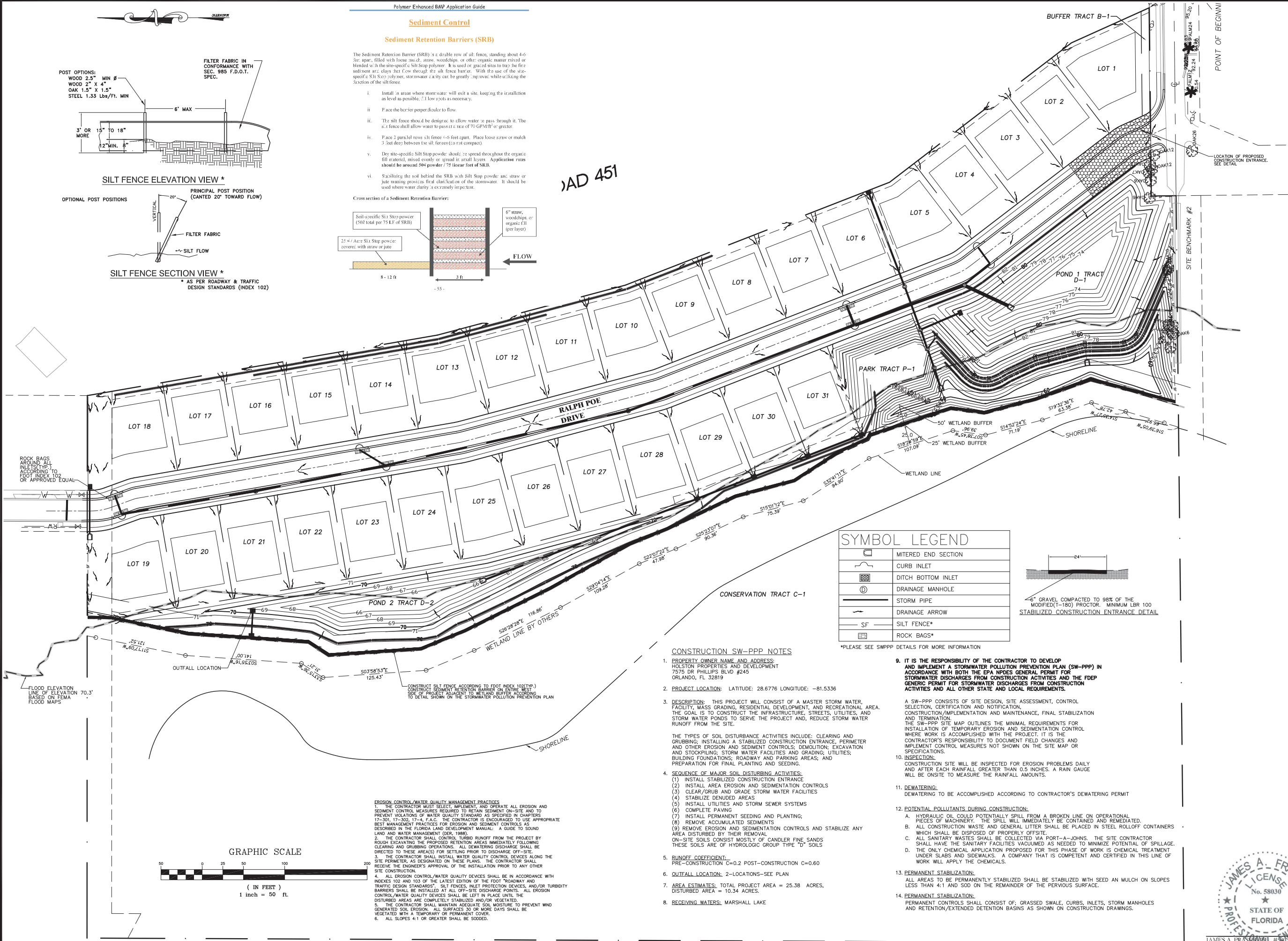


SILT FENCE ELEVATION VIEW *



SILT FENCE SECTION VIEW *

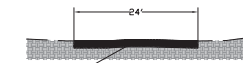
* AS PER ROADWAY & TRAFFIC DESIGN STANDARDS (INDEX 102)



SYMBOL LEGEND

	MITERED END SECTION
	CURB INLET
	DITCH BOTTOM INLET
	DRAINAGE MANHOLE
	STORM PIPE
	DRAINAGE ARROW
	SILT FENCE*
	ROCK BAGS*

*PLEASE SEE SWPPP DETAILS FOR MORE INFORMATION



6" GRAVEL COMPACTED TO 98% OF THE MODIFIED (T-180) PROCTOR, MINIMUM LBR 100 STABILIZED CONSTRUCTION ENTRANCE DETAIL

CONSTRUCTION SW-PPP NOTES

- PROPERTY OWNER NAME AND ADDRESS:
HOLSTON PROPERTIES AND DEVELOPMENT
7375 DR PHILLIPS BLVD #245
ORLANDO, FL 32819
- PROJECT LOCATION: LATITUDE: 28.6776 LONGITUDE: -81.5336
- DESCRIPTION: THIS PROJECT WILL CONSIST OF A MASTER STORM WATER FACILITY, MASS GRADING, RESIDENTIAL DEVELOPMENT, AND RECREATIONAL AREA. THE GOAL IS TO CONSTRUCT THE INFRASTRUCTURE, STREETS, UTILITIES, AND STORM WATER PONDS TO SERVE THE PROJECT AND, REDUCE STORM WATER RUNOFF FROM THE SITE.

THE TYPES OF SOIL DISTURBANCE ACTIVITIES INCLUDE: CLEARING AND GRUBBING; INSTALLING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER AND OTHER EROSION AND SEDIMENT CONTROLS; DEMOLITION; EXCAVATION AND STOCKPILING; STORM WATER FACILITIES AND GRADING; UTILITIES; BUILDING FOUNDATIONS; ROADWAY AND PARKING AREAS; AND PREPARATION FOR FINAL PLANTING AND SEEDING.
- SEQUENCE OF MAJOR SOIL DISTURBANCE ACTIVITIES:
(1) INSTALL STABILIZED CONSTRUCTION ENTRANCE
(2) INSTALL AREA EROSION AND SEDIMENTATION CONTROLS
(3) CLEAR/GRUB AND GRADE STORM WATER FACILITIES
(4) STABILIZE DENuded AREAS
(5) INSTALL UTILITIES AND STORM SEWER SYSTEMS
(6) COMPLETE PAVING
(7) INSTALL PERMANENT SEEDING AND PLANTING;
(8) REMOVE ACCUMULATED SEDIMENTS
(9) REMOVE EROSION AND SEDIMENTATION CONTROLS AND STABILIZE ANY AREA DISTURBED BY THEIR REMOVAL
ON-SITE SOILS CONSIST MOSTLY OF CANDLER FINE SANDS THESE SOILS ARE OF HYDROLOGIC GROUP TYPE "D" SOILS
- RUNOFF COEFFICIENT:
PRE-CONSTRUCTION C=0.2 POST-CONSTRUCTION C=0.60
- OUTFALL LOCATION: 2-LOCATIONS-SEE PLAN
- AREA ESTIMATES: TOTAL PROJECT AREA = 25.38 ACRES, DISTURBED AREA = 10.34 ACRES.
- RECEIVING WATERS: MARSHALL LAKE

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SW-PPP) IN ACCORDANCE WITH BOTH THE EPA NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES AND THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES AND ALL OTHER STATE AND LOCAL REQUIREMENTS.

A SW-PPP CONSISTS OF SITE DESIGN, SITE ASSESSMENT, CONTROL SELECTION, CERTIFICATION AND NOTIFICATION, CONSTRUCTION/IMPLEMENTATION AND MAINTENANCE, FINAL STABILIZATION AND TERMINATION.
THE SW-PPP SITE MAP OUTLINES THE MINIMAL REQUIREMENTS FOR INSTALLATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROL WHERE WORK IS ACCOMPLISHED WITH THE PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DOCUMENT FIELD CHANGES AND IMPLEMENT CONTROL MEASURES NOT SHOWN ON THE SITE MAP OR SPECIFICATIONS.

- INSPECTION:
CONSTRUCTION SITE WILL BE INSPECTED FOR EROSION PROBLEMS DAILY AND AFTER EACH RAINFALL GREATER THAN 0.5 INCHES. A RAIN GAUGE WILL BE ON-SITE TO MEASURE THE RAINFALL AMOUNTS.
- DEWATERING:
DEWATERING TO BE ACCOMPLISHED ACCORDING TO CONTRACTOR'S DEWATERING PERMIT

POTENTIAL POLLUTANTS DURING CONSTRUCTION:

- HYDRAULIC OIL COULD POTENTIALLY SPILL FROM A BROKEN LINE ON OPERATIONAL PIECES OF MACHINERY. THE SPILL WILL IMMEDIATELY BE CONTAINED AND REMEDIATED.
- ALL CONSTRUCTION WASTE AND GENERAL LITTER SHALL BE PLACED IN STEEL ROLLOFF CONTAINERS WHICH SHALL BE DISPOSED OF PROPERLY OFFSITE.
- ALL SANITARY WASTES SHALL BE COLLECTED VIA PORT-A-JOHN. THE SITE CONTRACTOR SHALL HAVE THE SANITARY FACILITIES VACUUMED AS NEEDED TO MINIMIZE POTENTIAL OF SPILLAGE.
- THE ONLY CHEMICAL APPLICATION PROPOSED FOR THIS PHASE OF WORK IS CHEMICAL TREATMENT UNDER SLABS AND SIDEWALKS. A COMPANY THAT IS COMPETENT AND CERTIFIED IN THIS LINE OF WORK WILL APPLY THE CHEMICALS.

PERMANENT STABILIZATION:

ALL AREAS TO BE PERMANENTLY STABILIZED SHALL BE STABILIZED WITH SEED AND MULCH ON SLOPES LESS THAN 4:1 AND SOD ON THE REMAINDER OF THE PVIOUS SURFACE.

PERMANENT STABILIZATION:

PERMANENT CONTROLS SHALL CONSIST OF: GRASSED SWALE, CURBS, INLETS, STORM MANHOLES AND RETENTION/EXTENDED DETENTION BASINS AS SHOWN ON CONSTRUCTION DRAWINGS.

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CERTIFICATE OF AUTHORIZATION #25899

FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKASTORMWATER POLLUTION
PREVENTION PLAN

REVISIONS

No.	Date	Description
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DESIGNED BY: JAF

DRAWN BY: JAF

CHECKED BY: JAF

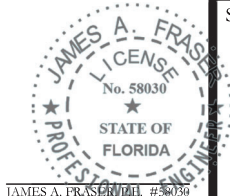
DATE: 08/02/23

PROJECT NO. 061-002

SCALE: 1"=50'

SHEET NO.

C-7



JAMES A. FRASER #58030

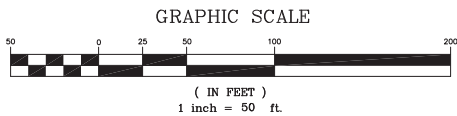
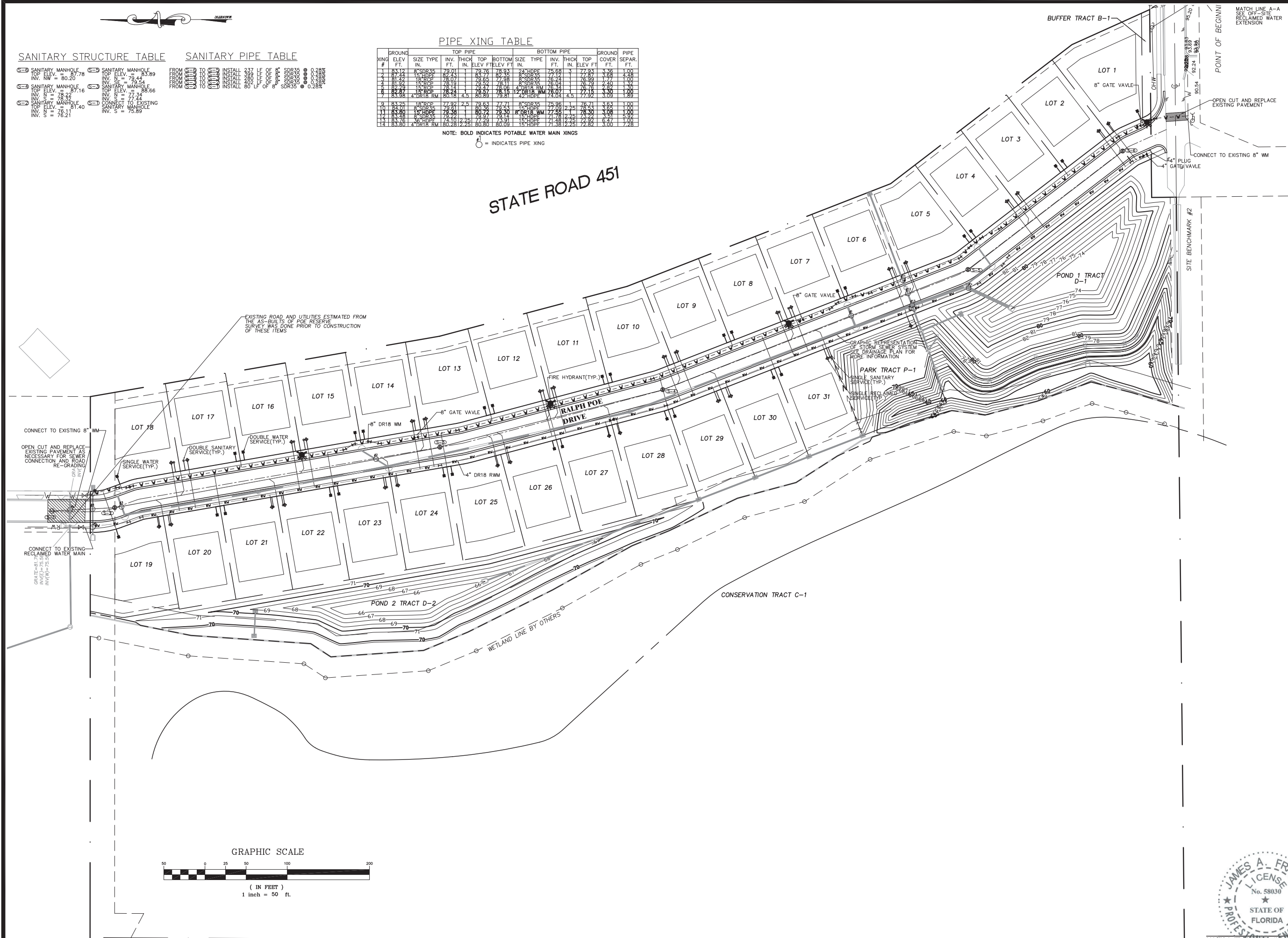
PIPE XING TABLE

XING #	GROUND ELEV. FT.	TOP PIPE					BOTTOM PIPE					GROUND ELEV. FT.	PIPE SEPAR. FT.
		SIZE IN.	TYPE	INV. FT.	THICK IN.	TOP ELEV. FT.	SIZE IN.	TYPE	INV. FT.	THICK IN.	TOP ELEV. FT.		
1	83.72	8"	SRP	79.01		79.76	24"	HDP	75.58	3	77.93	3.85	1.00
2	81.32	12"	RCP	78.07		78.65	8"	SRP	76.24	1	76.39	1.27	1.00
3	81.32	12"	RCP	78.07		78.65	8"	SRP	76.24	1	76.39	1.27	1.00
4	82.89	12"	RCP	78.14		78.47	8"	SRP	76.34	1	76.48	2.82	1.00
5	83.98	4"	DR18 RWM	80.18	4.5	80.89	42"	HDP	73.03	4.5	77.92	3.09	1.89
6	83.25	18"	RCP	77.92	2.5	79.63	72"	SRP	75.98	1.5	76.21	3.63	1.00
7	84.01	8"	SRP	79.51	1	80.38	72"	HDP	77.19	2.5	78.33	3.85	1.00
8	83.90	15"	HDP	78.38	1	80.72	72"	SRP	77.55	1	78.30	3.08	1.00
9	83.88	8"	SRP	79.92	1	80.79	15"	HDP	77.18	1	78.33	3.85	1.00
10	83.76	96"	HDP	72.10	2.25	77.28	72"	SRP	77.48	2.25	77.92	6.47	1.00
11	83.60	4"	DR18 RWM	80.28	4.5	80.89	15"	HDP	77.18	1	78.33	3.85	1.00

NOTE: BOLD INDICATES POTABLE WATER MAIN XINGS

Ø = INDICATES PIPE XING

STATE ROAD 451



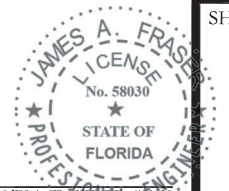
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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA
UTILITY PLAN

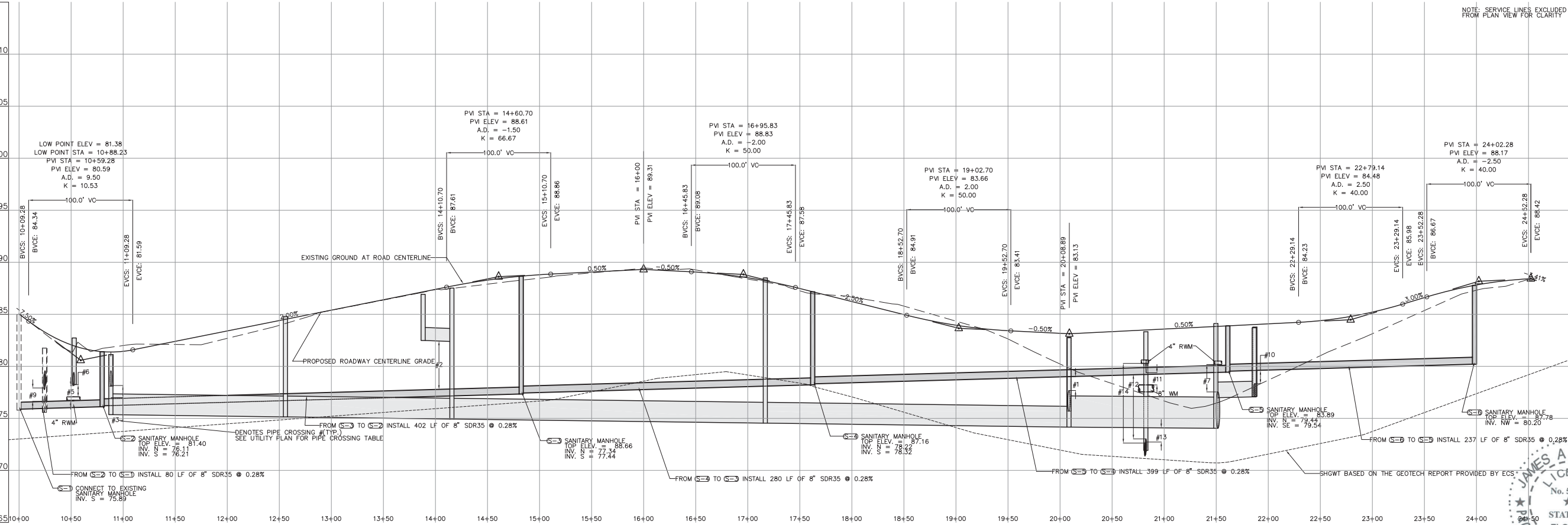
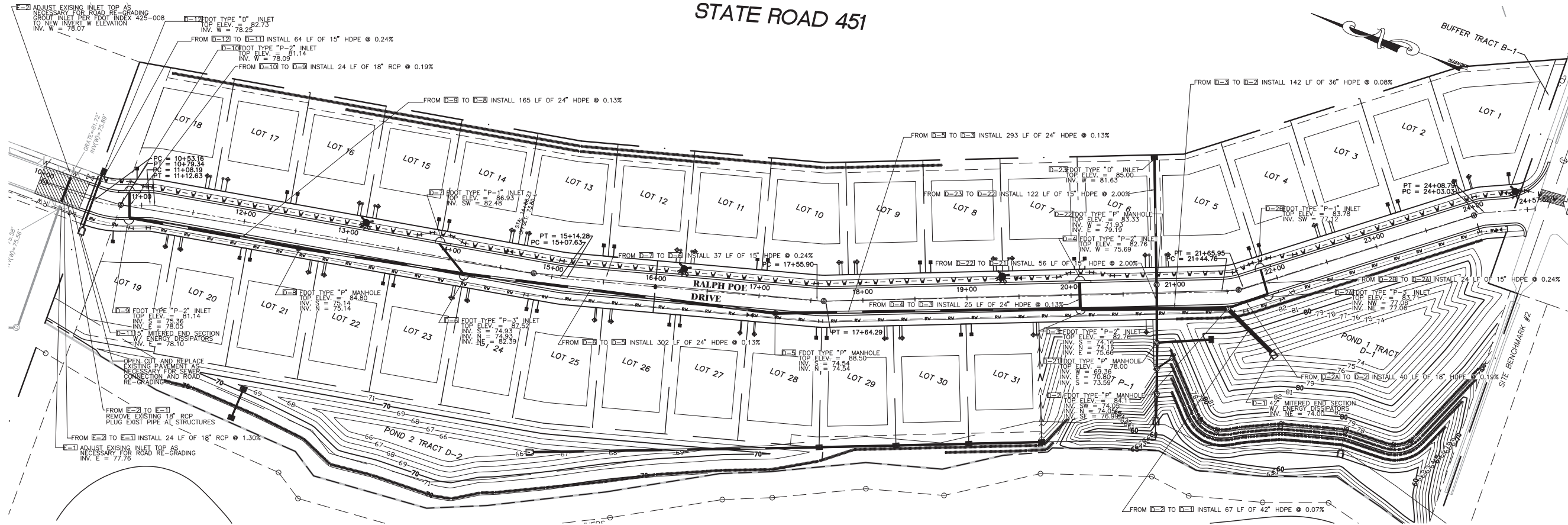
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DESIGNED BY:	JAF
DRAWN BY:	JAF
CHECKED BY:	JAF
DATE:	08/02/23
PROJECT NO.	061-002
SCALE:	1"=50'

SHEET NO.
C-8



STATE ROAD 451



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CERTIFICATE OF AUTHORIZATION #25899

FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

ROADWAY PLAN AND PROFILE
STATION 10+00 TO 24+57

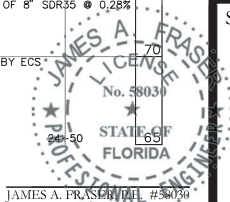
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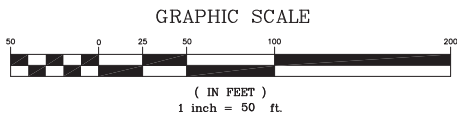
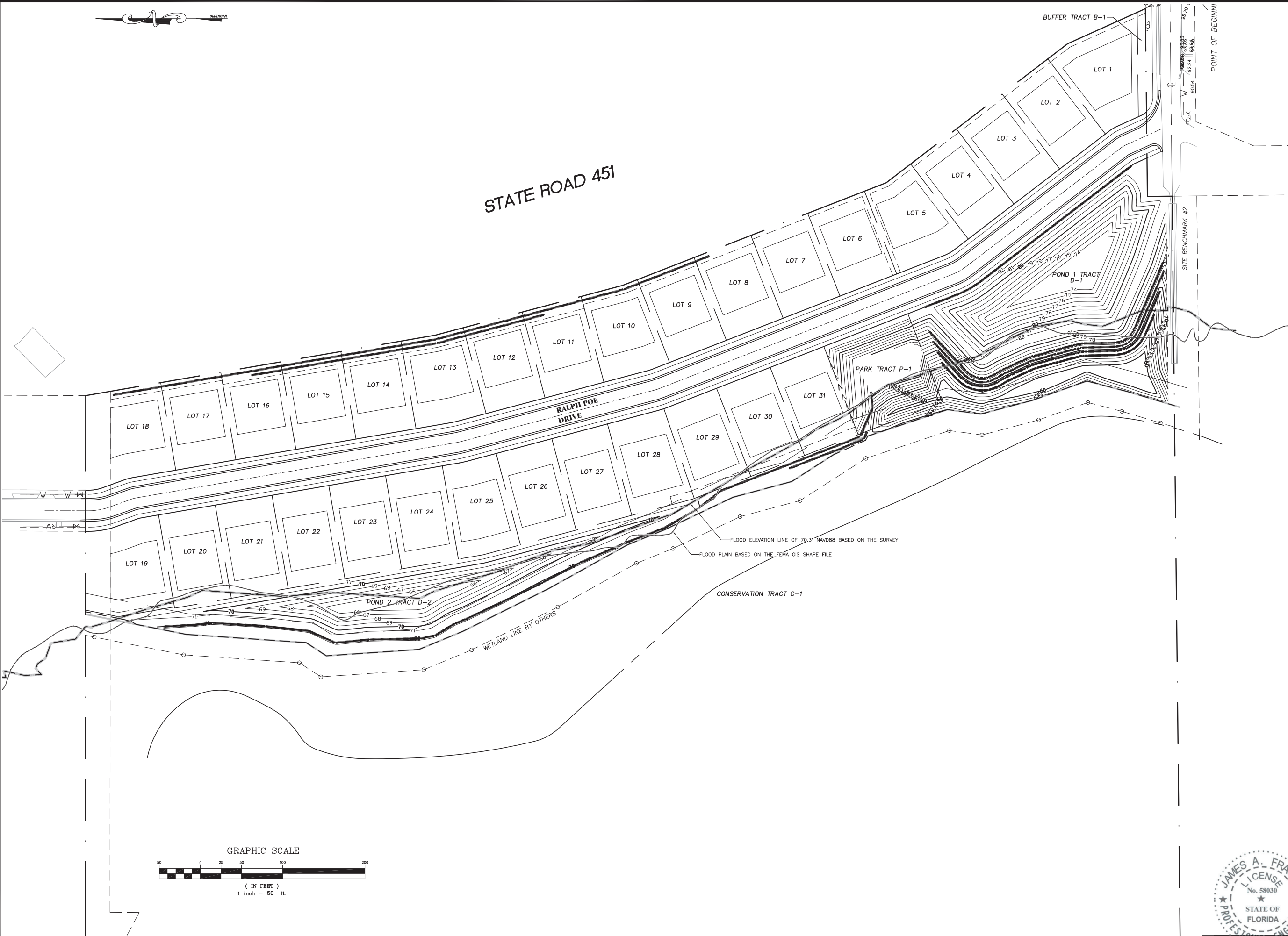
DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: 1"=50' 3/4"=5' 1/2"=5' 1/2"

SHEET NO.

C-9





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FLORIDA
ENGINEERING**
CIVIL ENGINEERING CONSULTANT
3586 ALOMA AVE #14
WINTER PARK, FL 32792
PHONE: (407) 719-6040
EMAIL: jfraserpe@earthlink.net
CERTIFICATE OF AUTHORIZATION #25899

**FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA**

FLOOD PLAIN INFORMATION PLAN

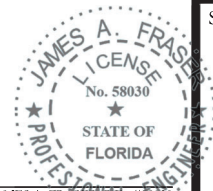
REVISIONS	
No.	Description
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DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

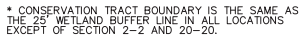
DATE: 08/02/23
PROJECT NO. 061-002
SCALE: 1"=50'

SHEET NO.

C-10



JAMES A. FRASER #58030



**FAIRCLOTH LAKES
SUBDIVISION
CITY OF AOPKA
FLOOD PLAIN SECTIONS**

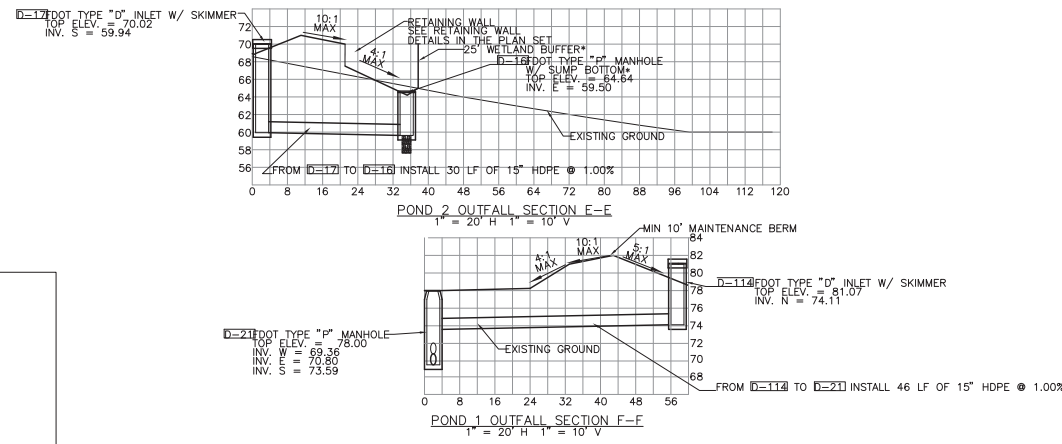
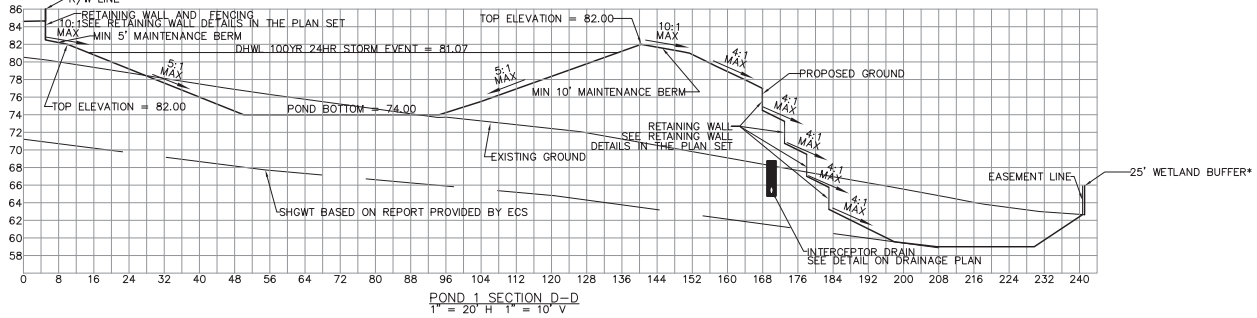
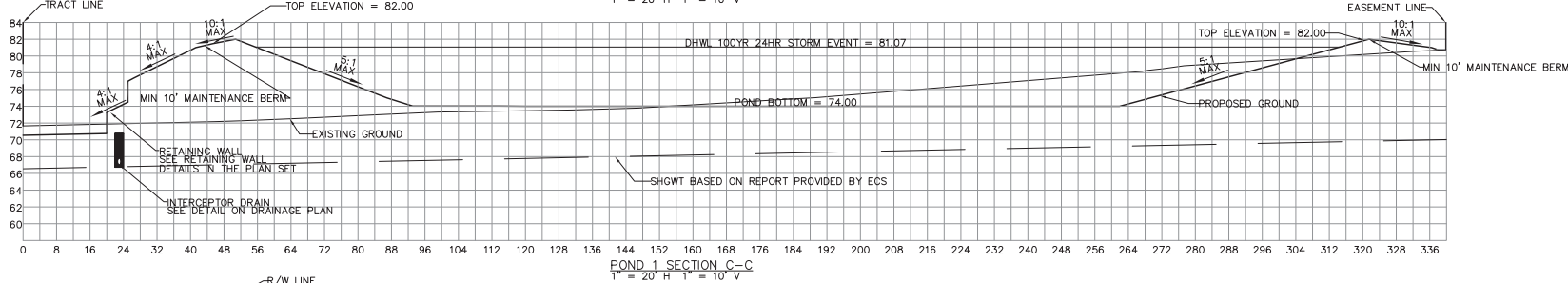
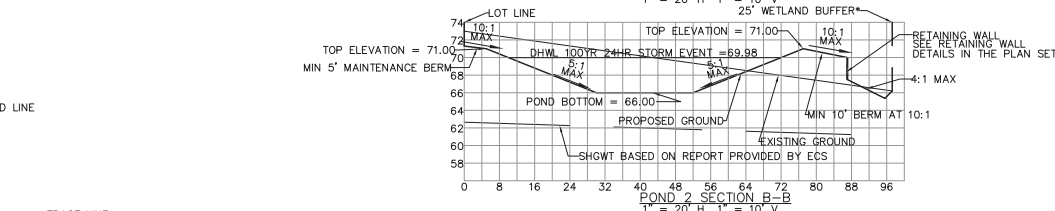
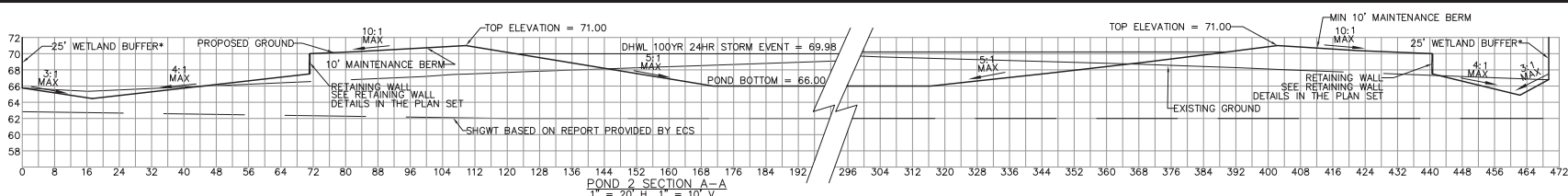
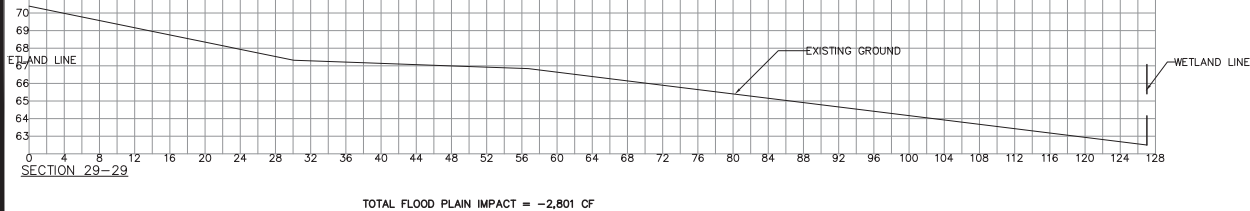
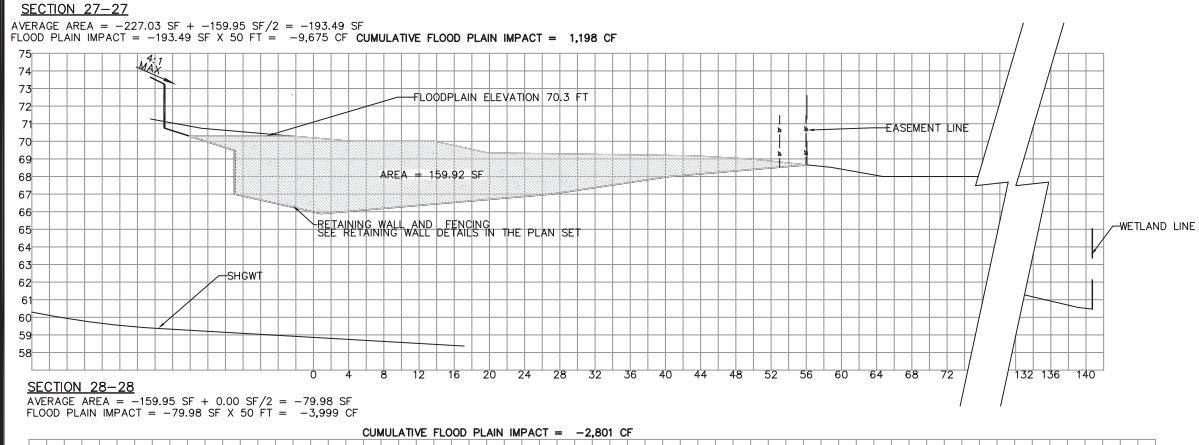
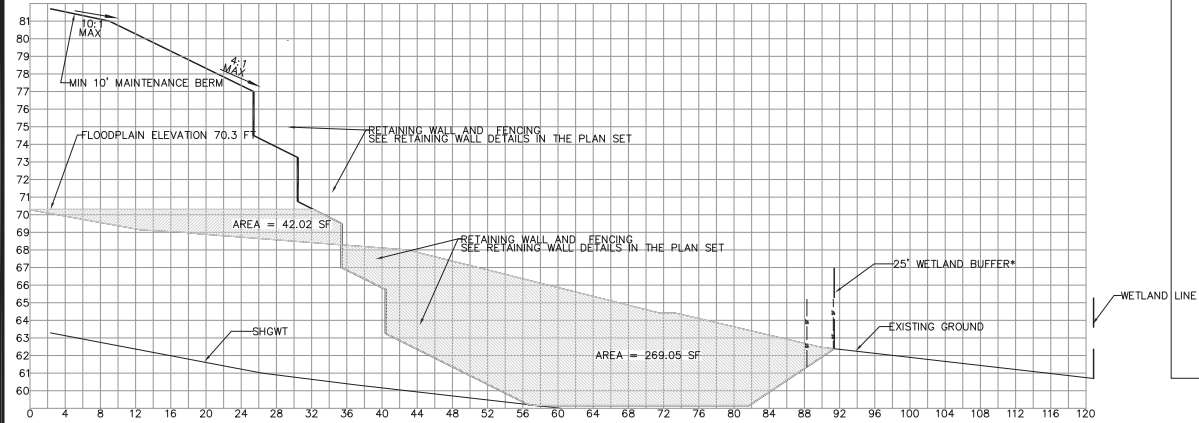
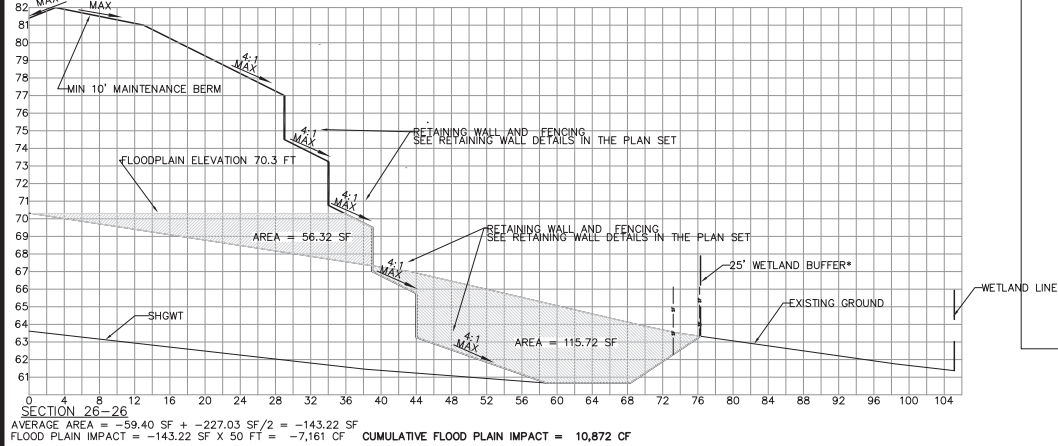
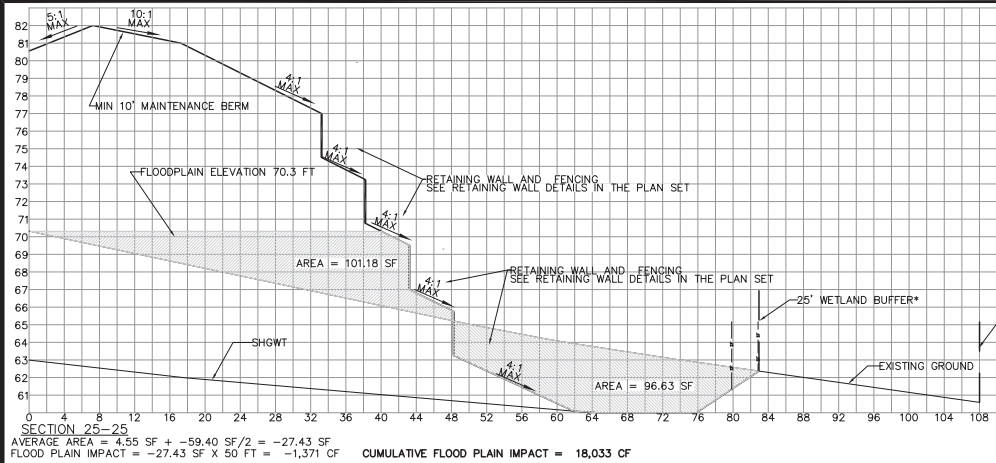
FLOOD PLAIN SECTIONS

EMILY L. JUASPE@CALUMMA.NET
CERTIFICATE OF AUTHORIZATION #25899

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C-11



|| = LOCATION OF DOUBLE ROW OF SILT FENCE ON THE SECTIONS

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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

FLOOD PLAIN AND POND SECTIONS

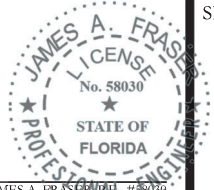
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8		8		
9		9		
10		10		

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CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: 1" = 10' H 1" = 5' V
OR AS NOTED

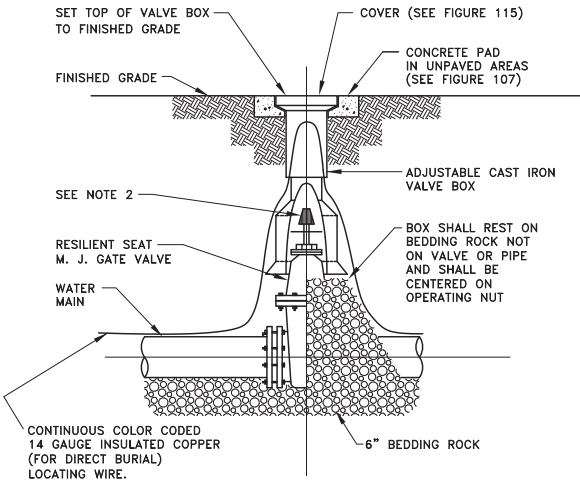
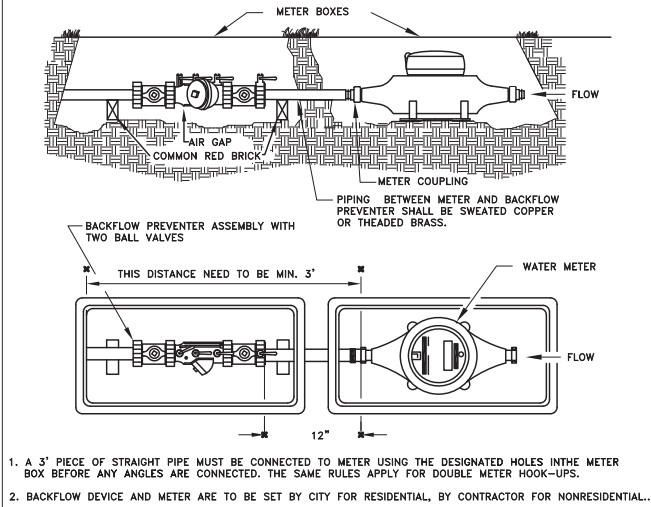
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C-12



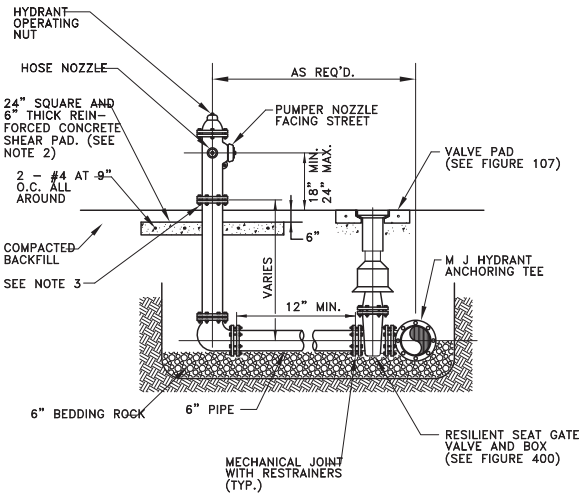
JAMES A. FRASER
PROFESSIONAL ENGINEER
#58030

POTABLE WATER SERVICE DETAIL
FOR LOTS SERVED WITH RECLAIMED WATER



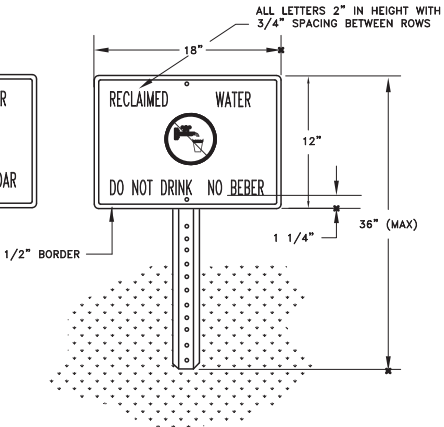
- NOTES:
1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
 2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN A 4 FOOT DEPTH BELOW FINISHED GRADE.

GATE VALVE AND BOX DETAIL



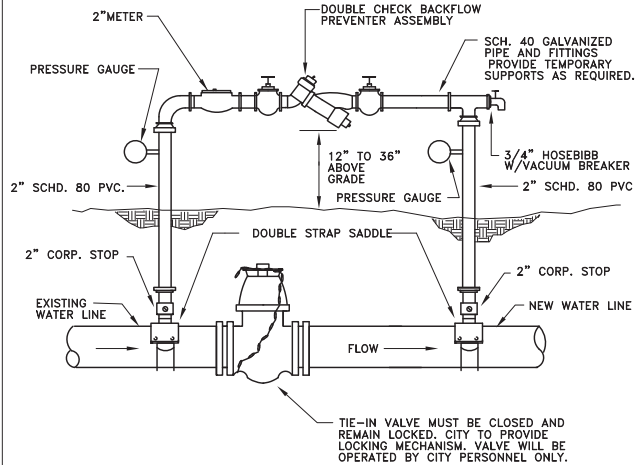
- NOTES:
1. FIRE HYDRANT SHALL BE SUPPLIED WITHOUT A WEEP HOLE, OR WITH A PERMANENTLY PLUGGED WEEP HOLE.
 2. THE DEVELOPER SHALL INSTALL THE SHEAR PAD RECESSED 6 INCHES BELOW THE FINISHED GRADE AND SOD THE RECESSED SECTION.
 3. CLEARANCE BETWEEN BOTTOM OF BOLTS AND TOP OF SHEAR PAD SHALL BE A 12 INCH MINIMUM.
 4. FIRE HYDRANTS SHALL BE MUELLER A-423, AMERICAN DARLING B-84, KENNEDY K81A OR CLOW MEDALLION F-2545.
 5. FIRE HYDRANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH SECTION 52.7.5 OF THE UTILITIES MANUAL.
 6. HYDRANT BARREL TO BE PAINTED OSHA SAFETY RED AND THE CAPS AND BONNETS TO BE PAINTED OSHA SAFETY BLUE.

FIRE HYDRANT ASSEMBLY DETAIL



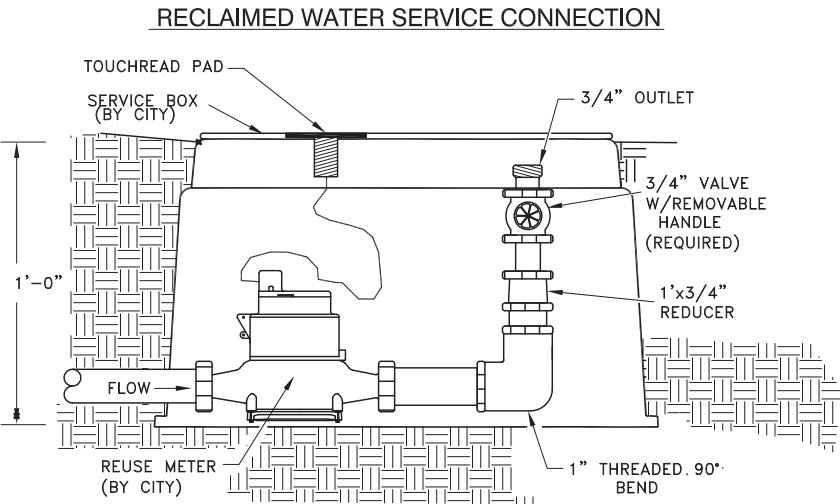
- NOTES:
1. HEIGHT OF SIGN WILL DEPEND ON LOCATION AND SURROUNDING LANDSCAPE PLANT TYPES. IN ALL CASES, THE SIGN SHALL BE VISIBLE TO THE PUBLIC.
 2. BACKGROUND SHALL BE WHITE. LETTERS AND FIGURES SHALL BE BLACK. PROHIBITIVE SYMBOL SHALL BE RED.
 3. ENGINEERING GRADE REFLECTIVE MATERIALS SHALL BE USED.
 4. POST SHALL BE U CHANNEL 12 FT. 2 LB. HOT ROLLED HIGH TENSILE RAIL OR BILLET STEEL, HOT DIP GALVANIZED PER ASTM A-123.
 5. MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
 6. SIGNS SHALL BE PLACED BY THE CONTRACTOR IN ACCORDANCE WITH THE CITY APPROVED ENGINEERING PLANS AND/OR AS APPROVED BY PUBLIC SERVICES DEPARTMENT.

RECLAIMED WATER ADVISORY SIGN



NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, ASSEMBLY, AND THE INSTALLATION OF THE DEVICE.

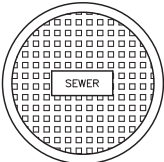
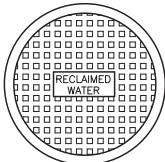
TEMPORARY JUMPER CONNECTION



	PIPE SIZE							
	6"	8"	10"	12"	16"	18"	20"	30"
90° BEND	43'	56'	67'	78'				
45° BEND	18'	23'	28'	32'				
22-1/2° BEND	9'	11'	13'	16'				
11-1/4° BEND	4'	5'	7'	8'				
PLUG OR BRANCH OF TEE	92'	119'	143'	168'				

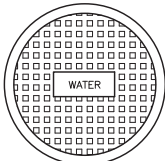
- NOTES:
1. FITTINGS SHALL BE RESTRAINED JOINT TYPE.
 2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
 3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST LENGTH OF RESTRAINED PIPE.
 4. IN LINE VALVES AND THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
 5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" AS PUBLISHED BY DIPRA, WITH THE FOLLOWING ASSUMPTIONS:
TYPE OF PIPE: PVC *
WORKING PRESSURE: 150 P.S.I. *
SOIL DESIGNATION: SAND-SILT *
LAYING CONDITIONS: 2 *
 6. FOR PIPE ENCASED IN POLYETHYLENE, USE VALUES GIVEN IN PARENTHESES OR INCREASE THE GIVEN VALUE BY A FACTOR OF 1.5.
- * TO BE COMPLETED BY THE ENGINEER

RESTRAINED PIPE TABLE. (PVC)
POTABLE WATER



RECLAIMED WATER

SEWER



POTABLE WATER

- NOTE:
- PRIME W/TNEMEC SERIES 66 AND FINISH CONT. W/TNEMEC SERIES 73 OR EQUAL.
- PURPLE - RECLAIMED WATER
- GREEN - SEWER
- BLUE - POTABLE WATER

TYPICAL VALVE BOX COVER DETAILS

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FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA

RECLAIMED AND POTABLE
WATER DETAILS

REVISIONS

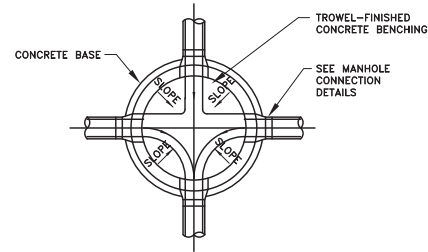
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DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: AS NOTED

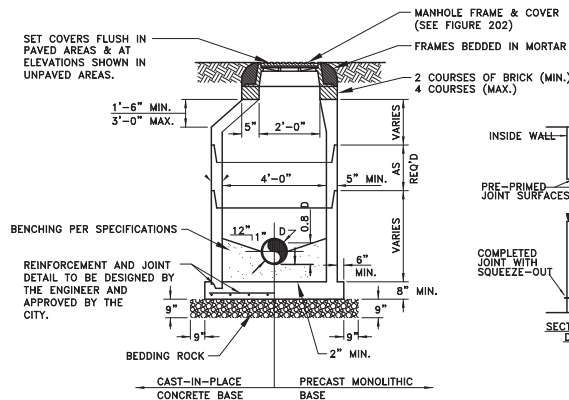
SHEET NO.

C-13



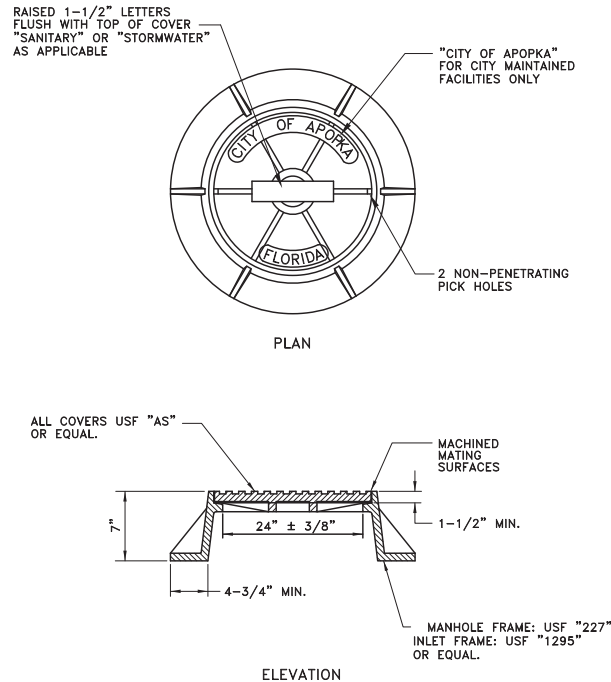
FORCE MAIN MANHOLE LINER				MATERIAL	MANUFACTURER
THICKNESS (INCHES)	DIAMETER (INCHES)	HEIGHT (FEET)			
	48	3-6	7-12	13-17	
	60				
	72				

SHALL BE FILLED BY THE ENGINEER

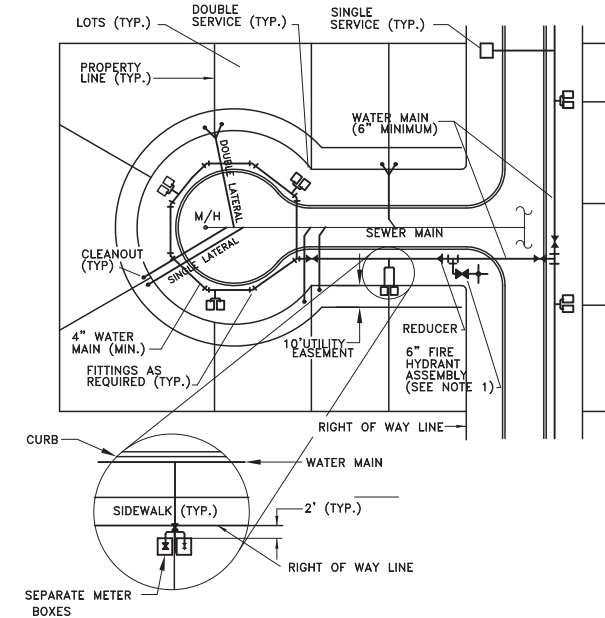


TYPICAL MANHOLE

- NOTES:
1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 24". SEE SECTION 20.4.3 OF THE MANUAL FOR MANHOLE DIAMETER FOR SEWERS LARGER THAN 24".
 2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE MANHOLE CONNECTION DETAILS.
 3. THE THICKNESS OF THE LINER SHALL BE AS PER THE MANUFACTURER RECOMMENDS
 4. EACH BENCH WALL SHALL BE A MINIMUM OF 18 INCHES LONG FROM THE WALL OF THE MANHOLE TOWARD THE CENTER.
 5. SANITARY SEWER MANHOLES SHALL HAVE FIBERGLASS OR POLYESTER TYPE INTERIOR LINER AS SPECIFIED IN SECTION 42.2 AND 42.3 OF THE UTILITIES MANUAL.

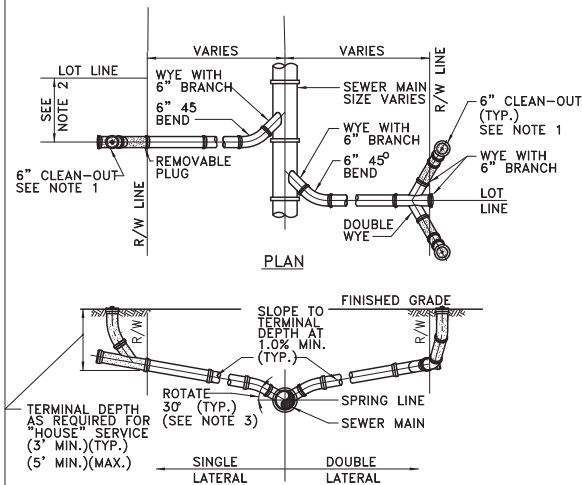


STANDARD MANHOLE FRAME AND COVER



- NOTES:
1. ANCHORING TYPE 90° BEND SHALL ONLY BE USED WHERE RIGHT-OF-WAY CONSTRUCTION WILL NOT ALLOW INSTALLATION OF A STRAIGHT ASSEMBLY.

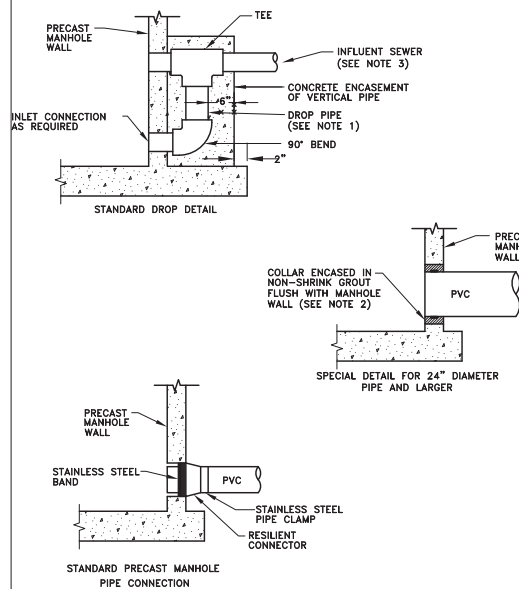
TYPICAL SERVICE LOCATION DETAIL



PROFILE

- NOTES:
1. CLEAN-OUT (SHOWN SHADED) SHALL BE INSTALLED BY THE BUILDER IN ACCORDANCE WITH STANDARD PLUMBING CODE.
 2. LOCATE SINGLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE.
 3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
 4. RESIDENTIAL SERVICES SHALL BE 4 INCHES & NON-RESIDENTIAL SERVICES SHALL BE 6 INCHES IN DIAMETER AS A MINIMUM.
 5. ELECTRONIC LOCATOR DEVICES SHALL BE PLACED ADJACENT TO THE STUBOUT FOR EACH SERVICE. (SEE SECTION 43.4 OF THE UTILITIES MANUAL).

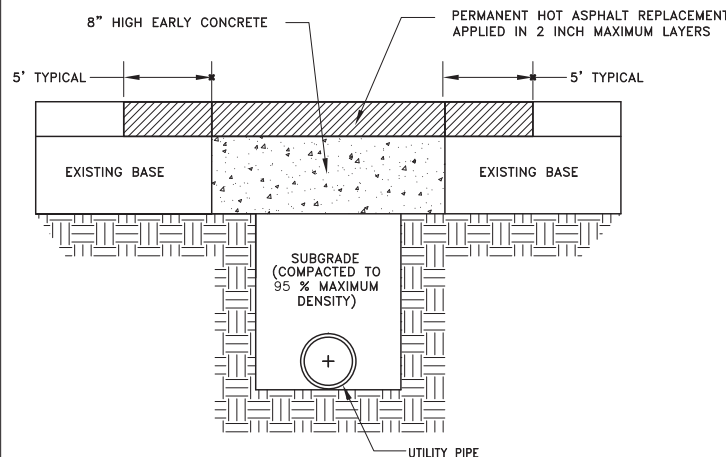
SERVICE LATERAL DETAIL



- NOTES:
1. DROP PIPE AND FITTINGS SHALL BE OF EQUAL SIZE AND MATERIAL AS THE INFLUENT SEWER.
 2. THE CITY MAY APPROVE ALTERNATE WATERTIGHT CONNECTION DETAILS FOR CONNECTION OF 24" DIAMETER PIPES AND LARGER.
 3. AN OUTSIDE DROP CONNECTION SHALL BE REQUIRED FOR ALL INFLUENT WHICH HAVE AN INVERT 24" OR MORE ABOVE THE OUTFLOW PIPE INVERT.

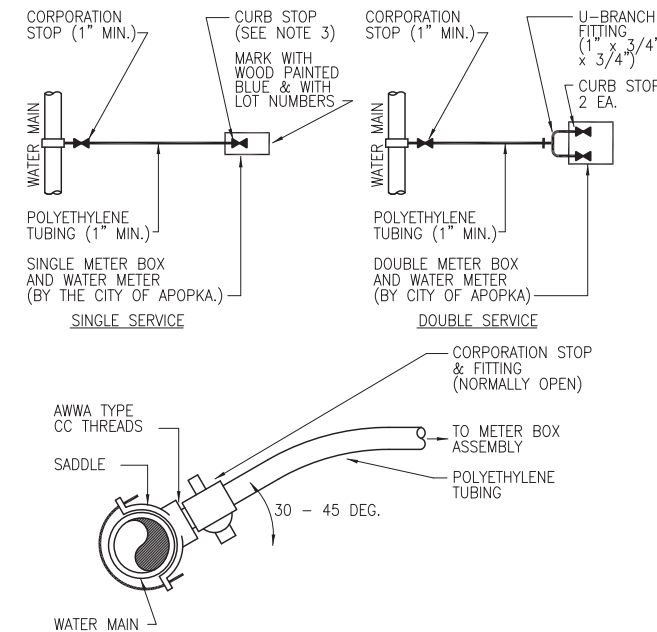
MANHOLE CONNECTION DETAILS

- NOTE:
- SUB-GRADE TO BE COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY AASTHO T-180 CUT TO BE REPLACED WITH AN 8" 3000 PSI HIGH EARLY CONCRETE TO TOP OF EXISTING BASE. CUT AREA TO BE PLATED OR PROTECTED ON THE DAY OF POUR. EXISTING SURFACE TO BE SAW CUT TO AN AREA OF FIVE FEET (5') BEYOND BASE CUT.



STANDARD ROADWAY OPENCUT DETAIL

FINAL RESTORATION - TYPICAL OF MAJOR OPEN CUTS



- NOTES:
1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.
 2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
 3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" X 2" X 18" STAKE WITH THE TOP PAINTED BLUE AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.

WATER SERVICE CONNECTION DETAILS
(FIG. 405)

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**FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA**
**GENERAL, SANITARY SEWER AND
DRAINAGE DETAILS**

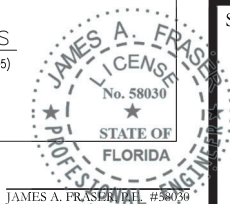
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DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: NTS

SHEET NO.

C-14

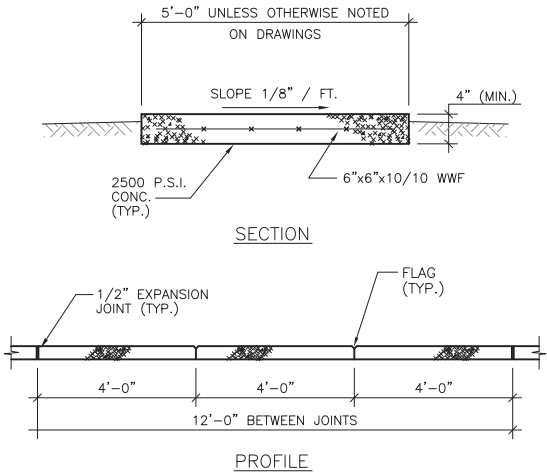


PROPOSED UTILITY	HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS										ACCEPTABLE VARIANCES
	POTABLE WATER		RECLAIMED WATER*		SANITARY SEWER (GRAVITY & F.M.)		STORM SEWER				
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.			
POTABLE WATER	—	—	5' C/C	18"	10'	18"	10'	18"	—	SEE GENERAL NOTES: NO. 4	
RECLAIMED* WATER	5' C/C	18"	—	—	5' C/C	18"	—	—	—		
SANITARY SEWER	10'	18"	5' C/C	18"	—	—	—	—	—		

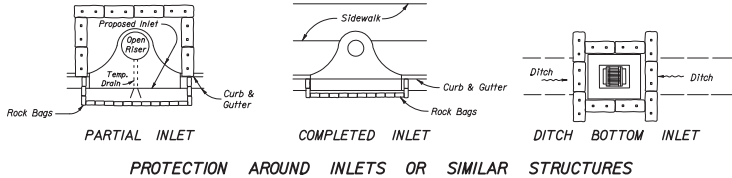
GENERAL NOTES:

- THE TABLE REPRESENTS THE MINIMUM SEPARATION REQUIREMENTS AS DESCRIBED IN F.D.E.P. RULES OF THE FLORIDA ADMINISTRATION CODE (F.A.C.). THESE SEPARATION REQUIREMENTS SHALL APPLY BETWEEN NEWLY PROPOSED UTILITY LINES AND EXISTING OR PROPOSED UTILITY LINES.
- FOR THE PURPOSE OF THIS TABLE, RECLAIMED WATER SHALL MEAN UNRESTRICTED PUBLIC ACCESS REUSE WATER AS DEFINED BY F.A.C. 17-610. OTHER TYPES OF RECLAIMED WATER ARE CONSIDERED RAW SEWAGE AND SEPARATIONS LISTED FOR SANITARY SEWER SHALL APPLY.
- ALL SEPARATION DISTANCES ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE UNLESS OTHERWISE SPECIFIED. CRITERION PRODUCING GREATER CLEARANCE SHALL BE USED.
C/C - DENOTES CENTER OF PIPE TO CENTER OF PIPE.
O/O - DENOTES OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
- NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY OR STORM WATER MANHOLE OR STRUCTURE.

HORIZONTAL & VERTICAL SEPARTION REQUIREMENTS



CONCRETE WALKWAY DETAIL
NOT TO SCALE

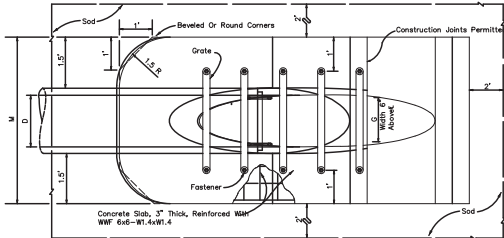


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

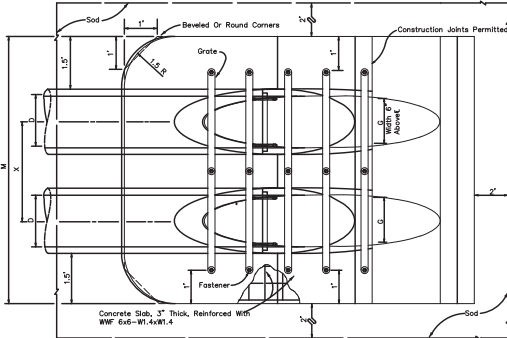
MITERED END SECTION DETAIL

DIMENSIONS & QUANTITIES																									
D	X	A	B	C	E	F	G	M				N	GRATE SIZES				CONCRETE (Cu. Yds.)				SODDING (Sq. Yds.)				
								Single Pipe	Double Pipe	Triple Pipe	Quad Pipe		Standard Pipe	Extra Strong Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe			
18"	2'-7"	2.27	4.09	6.36	4.03	8'	1.32	1.63	7.31	8.39	12.31	1.13	0.76	1.16	1.54	1.94	8	10	11	12	8	10	11	12	
18"	2'-10"	2.54	4.17	6.48	4.03	9'	1.41	1.72	7.75	8.83	12.75	1.21	0.85	1.25	1.63	2.03	9	10	11	12	9	10	11	12	
24"	3'-0"	2.83	4.18	6.71	7.03	11'	1.73	2.04	8.92	12.33	15.75	1.26	1.00	1.40	1.78	2.16	2.75	10	12	13	15	10	12	13	15
30"	3'-3"	3.10	4.25	7.01	8.01	11'	2.07	2.38	10.33	14.56	18.97	1.30	1.23	1.63	2.01	2.39	3.00	12	14	15	17	12	14	15	17
36"	3'-6"	3.37	4.32	7.30	8.30	11'	2.42	2.73	11.78	16.83	22.38	1.35	1.28	1.68	2.06	2.44	3.05	13	15	17	20	13	15	17	20
42"	3'-9"	3.64	4.39	7.59	8.59	11'	2.77	3.08	13.23	18.70	24.83	1.40	1.33	1.73	2.11	2.49	3.10	14	16	18	21	14	16	18	21
48"	4'-0"	3.92	4.46	7.88	8.88	11'	3.12	3.43	14.68	20.58	26.90	1.45	1.38	1.78	2.16	2.54	3.15	15	17	19	22	15	17	19	22
54"	4'-3"	4.19	4.53	8.17	9.17	11'	3.47	3.78	16.13	22.43	29.05	1.50	1.43	1.83	2.21	2.59	3.20	16	18	20	23	16	18	20	23
60"	4'-6"	4.46	4.80	8.46	9.46	11'	3.82	4.13	17.58	24.28	30.90	1.55	1.48	1.88	2.26	2.64	3.25	17	19	21	24	17	19	21	24

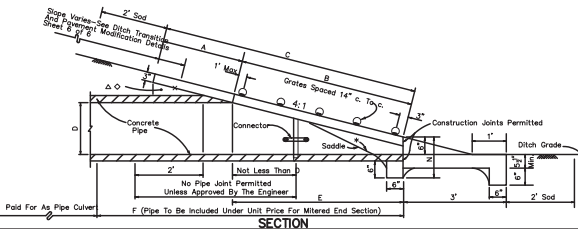
Δ 6.42' Dimensions permitted to allow use of 8' standard pipe lengths.
 O 10.46' Dimensions permitted to allow use of 12' standard pipe lengths.
 Δ O Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



TOP VIEW-SINGLE PIPE

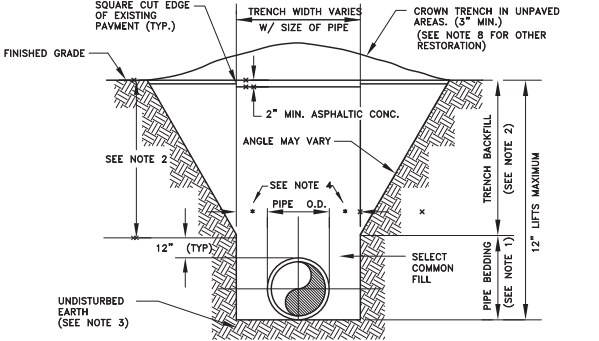


TOP VIEW-MULTIPLE PIPE



SECTION

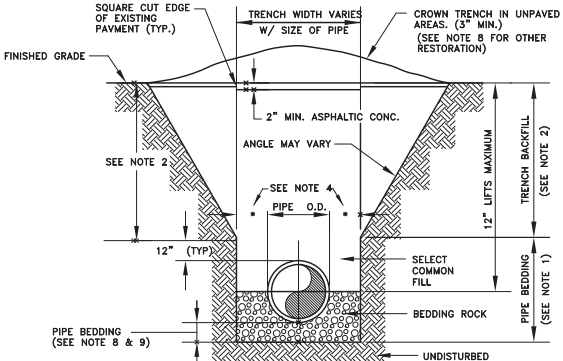
SIDE DRAIN
MITERED END SECTION
SINGLE AND MULTIPLE ROUND CONCRETE PIPE



NOTES:

- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
- TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
- PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE CITY.
- (*) 15" MAX. FOR PIPE DIAMETERS LESS THAN 24", AND 24" FOR PIPE DIAMETER 24" AND LARGER.
- WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
- ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
- REFER TO SECTION 32.5 OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS.
- FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.
- FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.
- ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.

TYPE B BEDDING AND OPEN-CUT DETAIL



NOTES:

- PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
- TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
- USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
- (*) 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
- WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
- ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
- REFER TO SECTION 32.5 OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS.
- GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
- DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.
- ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.
- FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.

TYPE A BEDDING AND OPEN-CUT DETAIL

**CENTRAL
FLORIDA
ENGINEERING**
CIVIL ENGINEERING CONSULTANT
3586 ALOMA AVE #14
WINTER PARK, FL 32792
PHONE: (407) 719-6040
EMAIL: jfraserpc@earthlink.net
CERTIFICATE OF AUTHORIZATION #25899

**FAIRCLOTH LAKES
SUBDIVISION
CITY OF APOPKA**

MISCELLANEOUS DETAILS

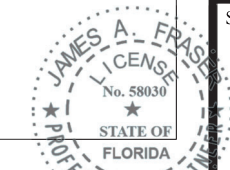
REVISIONS

DESIGNED BY: JAF
DRAWN BY: JAF
CHECKED BY: JAF

DATE: 08/02/23
PROJECT NO. 061-002
SCALE: NTS

SHEET NO.

C-15



PLAT BOOK PAGE

D E D I C A T I O N

KNOW ALL MEN BY THESE PRESENTS, That the undersigned named below, being the owners in fee simple of all of the lands described in the foregoing caption to this plat, hereby dedicate said lands and plat for the uses and purposes therein expressed and dedicates the utility easements to the perpetual use of the public.

Tract RW-1 (Right-of-Way), Tract RW-2 (Additional Right-of-Way) and Tract LS-1 (Lift Station) are hereby dedicated in fee simple to City of Apopka without any restriction whatsoever. City ownership of these Tracts and any improvements thereon vests upon approval of this Plat by the City Council of Apopka. Recording of this Plat shall act as conveyance to the City and no further instrument shall be necessary to vest fee simple title in the City as aforementioned.

IN WITNESS WHEREOF Troy S. Bronson, as to a life estate, as more particularly set forth in that certain deed recorded in Instrument No. 20210774118, of the Public Records of Orange County, Florida has executed this Dedication in the manner provided by law this day of _____, 2023.

Signed and sealed and delivered in our presence as witnesses:

Signature: _____ Printed Name: _____ Signature: _____ Printed Name: _____ State of Florida, County of _____	OWNER: _____ Troy S. Bronson _____ Signature: _____ Printed Name: _____
---	---

The foregoing instrument was acknowledged before me, by means of [] physical presence or [] online notarization, this _____ day of _____, 2023, by Troy S. Bronson, _____ Florida has executed this Dedication in the manner provided by law this day of _____, 2023, as identification.

SIGNATURE OF PERSON TAKING ACKNOWLEDGEMENT _____

NOTARY PUBLIC

Printed Name: _____
 Commission No.: _____
 My Commission Expires: _____

IN WITNESS WHEREOF, the undersigned Apopka Centerline Development, LLC, a Florida Limited Liability Company has caused these presents to be executed and acknowledged by its undersigned Officer thereunto duly authorized on this _____ day of _____, 2023.

By: Apopka Centerline Development, LLC, a Florida Limited Liability Company

Signed and sealed in the presence of: _____

By: _____

Printed Name of Witness _____

By: _____

Printed Name of Witness _____

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me, by means of [☐] physical presence or [☐] online notarization, this _____ day of _____, 2023, by Craig S. Perry as Manager of Apopka Centerline Development, LLC, a Florida Limited Liability Company, on behalf of the company, who is [☐] is personally known to me or [☐] has produced _____ as identification.

SIGNATURE OF PERSON TAKING ACKNOWLEDGEMENT

NOTARY PUBLIC _____

Printed Name: _____

Commission No.: _____

My Commission Expires: _____

Page 191 of 196

RIDGE
A PORTION OF SECTIONS 17 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

SHEET 2 OF 6

PLAT BOOK _____ PAGE _____

LEGAL DESCRIPTION

PARCEL 1

A PARCEL OF LAND COMPRISING PORTIONS OF SECTIONS 17 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST, CITY OF APOPKA, ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHWEST 1/4 OF AFORESAID SECTION 17; THENCE RUN SOUTH 00°00'38" EAST ALONG THE WEST LINE OF SAID SOUTHWEST 1/4 OF SECTION 17 FOR A DISTANCE OF 30.00 FEET TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF BOY SCOUT ROAD, AS MONUMENTED AND MAINTAINED, ALSO BEING A POINT ON THE NORTH LINE OF BRONSON'S RIDGE, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK _____, PAGE _____ OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA; THENCE RUN NORTH 89°43'16" EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE AND SAID NORTH LINE FOR A DISTANCE OF 1345.56 FEET; THENCE CONTINUE ALONG SAID SOUTH RIGHT-OF-WAY LINE ACCORDING TO OFFICIAL RECORDS BOOK 433, PAGE 608 OF SAID PUBLIC RECORDS AND SAID NORTH LINE THE FOLLOWING COURSES: NORTH 89°43'16" EAST FOR A DISTANCE OF 691.45 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 282.10 FEET WITH A CHORD BEARING OF SOUTH 57°37'34" EAST AND A CHORD DISTANCE OF 304.41 FEET; THENCE RUN SOUTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 65°18'17" FOR A DISTANCE OF 321.53 FEET TO A POINT ON A NON TANGENT LINE; THENCE RUN SOUTH 24°58'39" EAST FOR A DISTANCE OF 241.59 FEET TO THE MOST EASTERLY CORNER OF SAID BRONSON'S RIDGE AND THE POINT OF BEGINNING; THENCE DEPARTING SAID NORTH LINE OF BRONSON'S RIDGE RUN ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE THE FOLLOWING COURSES: SOUTH 24°58'39" EAST FOR A DISTANCE OF 258.86 FEET TO POINT OF CURVATURE OF A CURVE CONCAVE NORTHEASTERLY HAVING A RADIUS OF 571.26 FEET WITH A CHORD BEARING OF SOUTH 49°46'08" EAST AND A CHORD DISTANCE OF 479.08 FEET; THENCE RUN SOUTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 49°34'58" FOR A DISTANCE OF 494.36 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 74°33'37" EAST FOR A DISTANCE OF 220.12 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 260.75 FEET WITH A CHORD BEARING OF SOUTH 52°27'06" EAST AND A CHORD DISTANCE OF 196.27 FEET; THENCE RUN SOUTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 44°13'02" FOR A DISTANCE OF 201.23 FEET TO A POINT ON THE NON TANGENT WESTERLY RIGHT-OF-WAY LINE OF OCOEE-APOPKA ROAD, COUNTY ROAD 437A, ACCORDING TO ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY RIGHT-OF-WAY MAP PROJECT NUMBER 429-200; THENCE RUN THE FOLLOWING COURSES ALONG SAID WESTERLY RIGHT-OF-WAY LINE: SOUTH 59°38'41" WEST FOR A DISTANCE OF 31.35 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 984.93 FEET WITH A CHORD BEARING OF SOUTH 36°16'07" WEST AND A CHORD DISTANCE OF 781.57 FEET; THENCE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 48°45'08" FOR A DISTANCE OF 803.68 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 12°53'33" WEST FOR A DISTANCE OF 264.64 FEET; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE RUN NORTH 74°37'52" WEST FOR A DISTANCE OF 991.60 FEET; THENCE RUN SOUTH 00°22'08" WEST FOR A DISTANCE OF 886.88 FEET TO A POINT ON THE SOUTH LINE OF THE SOUTHWEST 1/4 OF AFORESAID SECTION 17; THENCE RUN NORTH 89°59'43" WEST ALONG SAID SOUTH LINE AND THE NORTHERLY LIMITED ACCESS RIGHT-OF-WAY LINE OF STATE ROAD 414, APOPKA EXPRESSWAY ACCORDING TO ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY RIGHT-OF-WAY MAP, PROJECT NO. 429-200 FOR A DISTANCE OF 1728.15 FEET TO THE SOUTHWEST CORNER OF SAID SECTION 17 AND THE SOUTHEAST CORNER OF AFORESAID SECTION 18; THENCE RUN SOUTH 89°54'43" WEST ALONG THE SOUTH LINE OF SAID SECTION 18 AND SAID NORTHERLY LIMITED ACCESS RIGHT-OF-WAY LINE OF STATE ROAD 414, APOPKA EXPRESSWAY FOR A DISTANCE OF 936.11 FEET TO A POINT ON THE EASTERLY LIMITED ACCESS RIGHT-OF-WAY LINE OF STATE ROAD 429, WESTERN BELTWAY ACCORDING TO OFFICIAL RECORDS BOOK 9046, PAGE 4349 AND OFFICIAL RECORDS BOOK 9398, PAGE 1729 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA; THENCE RUN THE FOLLOWING COURSES ALONG SAID EASTERLY LIMITED ACCESS RIGHT-OF-WAY LINE: NORTH 43°34'16" WEST FOR A DISTANCE OF 104.57 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 14808.00 FEET WITH A CHORD BEARING OF NORTH 44°26'37" WEST AND A CHORD DISTANCE OF 451.84 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°44'54" FOR A DISTANCE OF 451.86 FEET TO A POINT ON A NON TANGENT LINE; THENCE RUN NORTH 00°33'55" EAST FOR A DISTANCE OF 264.76 FEET; THENCE RUN SOUTH 89°58'55" WEST FOR A DISTANCE OF 241.14 FEET; THENCE RUN NORTH 42°01'34" WEST FOR A DISTANCE OF 446.22 FEET; THENCE RUN NORTH 89°57'09" EAST FOR A DISTANCE OF 543.15 FEET; THENCE RUN NORTH 00°33'55" EAST FOR A DISTANCE OF 663.72 FEET; THENCE RUN SOUTH 89°58'47" WEST FOR A DISTANCE OF 1250.31 FEET; THENCE RUN NORTH 38°59'13" WEST FOR A DISTANCE OF 91.06 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF BINION ROAD ACCORDING TO STATE ROAD BOOK 1, PAGE 40 OF SAID PUBLIC RECORDS; THENCE RUN NORTH 00°14'15" EAST FOR A DISTANCE OF 742.29 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 5689.65 FEET WITH A CHORD BEARING OF NORTH 00°59'41" EAST AND A CHORD DISTANCE OF 150.42 FEET; THENCE RUN NORTHERLY ALONG SAID EAST RIGHT-OF-WAY LINE AND THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°30'53" FOR A DISTANCE OF 150.42 FEET TO A POINT ON AFORESAID SOUTHERLY RIGHT-OF-WAY LINE OF AFORESAID BOY SCOUT ROAD ACCORDING TO OFFICIAL RECORDS BOOK 1076, PAGE 548 OF AFORESAID PUBLIC RECORDS; THENCE RUN SOUTH 89°58'43" EAST ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE ACCORDING OFFICIAL RECORDS BOOK 1076, PAGE 548 AND OFFICIAL RECORDS BOOK 1133, PAGE 608 OF SAID PUBLIC RECORDS FOR A DISTANCE OF 1411.05 FEET TO A POINT ON A NON TANGENT CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 35.00 FEET, A CHORD BEARING OF SOUTH 45°17'33" WEST AND A CHORD DISTANCE OF 49.26 FEET; THENCE DEPARTING SAID SOUTHERLY RIGHT-OF-WAY LINE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 89°27'28" FOR A DISTANCE OF 54.65 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 00°33'49" WEST FOR A DISTANCE OF 810.75 FEET TO THE POINT OF CURVATURE OF A NORTHEASTERLY HAVING A RADIUS OF 55.00 FEET, A CHORD BEARING OF SOUTH 44°42'31" EAST AND A CHORD DISTANCE OF 78.15 FEET; THENCE RUN SOUTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°32'40" FOR A DISTANCE OF 86.92 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 89°58'41" EAST FOR A DISTANCE OF 128.63 FEET TO THE POINT OF CURVATURE OF CURVE CONCAVE SOUTHERLY HAVING A RADIUS OF 30665.00 FEET, A CHORD BEARING OF SOUTH 89°28'20" EAST AND A CHORD DISTANCE OF 533.99 FEET; THENCE RUN EASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 01°01'04" FOR A DISTANCE OF 534.00 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 88°57'48" EAST FOR A DISTANCE OF 403.65 FEET TO THE POINT OF CURVATURE OF CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 544.50 FEET, A CHORD BEARING OF SOUTH 79°40'53" EAST AND A CHORD DISTANCE OF 175.65 FEET; THENCE RUN SOUTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 18°33'50" FOR A DISTANCE OF 176.42 FEET TO A NON-TANGENT POINT ON THE SOUTHERLY LINE OF AFORESAID BRONSON'S RIDGE; THENCE RUN ALONG SAID SOUTHERLY LINE THE FOLLOWING COURSES: NORTH 00°03'18" EAST FOR A DISTANCE OF 238.05 FEET; THENCE RUN NORTH 28°41'04" EAST FOR A DISTANCE OF 73.35 FEET; THENCE RUN NORTH 60°11'31" EAST FOR A DISTANCE OF 79.12 FEET; THENCE RUN NORTH 71°09'55" EAST FOR A DISTANCE OF 261.11 FEET; THENCE RUN SOUTH 89°53'27" EAST FOR A DISTANCE OF 536.22 FEET; THENCE RUN SOUTH 45°36'26" EAST FOR A DISTANCE OF 203.03 FEET; THENCE RUN SOUTH 83°27'57" EAST FOR A DISTANCE OF 130.71 FEET; THENCE RUN SOUTH 85°25'10" EAST FOR A DISTANCE OF 268.38 FEET; THENCE RUN SOUTH 69°38'20" EAST FOR A DISTANCE OF 144.79 FEET; THENCE RUN NORTH 71°32'09" EAST FOR A DISTANCE OF 34.37 FEET; THENCE RUN SOUTH 22°27'50" EAST FOR A DISTANCE OF 167.34 FEET; THENCE RUN NORTH 80°59'34" EAST FOR A DISTANCE OF 127.19 FEET; THENCE RUN NORTH 50°22'51" EAST FOR A DISTANCE OF 66.34 FEET; THENCE RUN NORTH 18°30'04" EAST FOR A DISTANCE OF 34.88 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 505.00 FEET, A CHORD BEARING OF NORTH 39°46'19" EAST AND A CHORD DISTANCE OF 366.41 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 42°32'31" FOR A DISTANCE OF 374.96 FEET TO THE POINT OF TANGENCY; THENCE RUN NORTH 61°02'34" EAST FOR A DISTANCE OF 300.66 FEET TO THE POINT OF BEGINNING.

CONTAINS 195.62 ACRES MORE OR LESS.

TOGETHER WITH

PARCEL 2

A PARCEL OF LAND COMPRISING A PORTION OF SECTION 17, TOWNSHIP 21 SOUTH, RANGE 28 EAST, CITY OF APOPKA, ORANGE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SOUTHWEST 1/4 OF AFORESAID SECTION 17; THENCE RUN NORTH 89°43'16" EAST ALONG THE NORTH LINE OF THE SOUTHWEST 1/4 OF SAID SECTION 17 FOR A DISTANCE OF 2622.09 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF GALWAY BOULEVARD, BRECKENRIDGE PHASE 1, ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 64, PAGES 74 THROUGH 81 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA AND THE POINT OF BEGINNING, BEING A POINT ON A NON TANGENT CURVE CONCAVE EASTERLY HAVING A RADIUS OF 300.00 FEET WITH A CHORD BEARING OF NORTH 03°29'44" EAST AND A CHORD DISTANCE OF 150.01 FEET; THENCE RUN THE FOLLOWING COURSES ALONG SAID EASTERLY RIGHT-OF-WAY LINE: THENCE NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 08°57'23" FOR A DISTANCE OF 151.62 FEET TO A POINT OF TANGENCY; THENCE RUN NORTH 17°58'25" EAST FOR A DISTANCE OF 149.75 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 405.00 FEET WITH A CHORD BEARING OF NORTH 21°32'19" EAST AND A CHORD DISTANCE OF 50.37 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 07°07'48" FOR A DISTANCE OF 50.40 FEET TO A NON TANGENT POINT LYING ON THE WEST LINE OF THE NORTHEAST 1/4 OF AFORESAID SECTION 17; THENCE DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE RUN SOUTH 00°44'46" WEST ALONG SAID WEST LINE OF THE NORTHEAST 1/4 OF SECTION 17 FOR A DISTANCE OF 338.71 FEET TO THE NORTHWEST CORNER OF THE SOUTHEAST 1/4 OF SECTION 17; THENCE RUN NORTH 89°43'16" EAST ALONG THE NORTH LINE OF SAID SOUTHEAST 1/4 FOR A DISTANCE OF 1322.50 FEET TO THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF SAID SOUTHEAST 1/4 OF SECTION 17; THENCE RUN SOUTH 00°26'42" WEST ALONG THE EAST LINE OF SAID NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 17 FOR A DISTANCE OF 690.44 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OCOEE-APOPKA ROAD, COUNTY ROAD 437-A, ACCORDING TO THE ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY RIGHT-OF-WAY MAP, PROJECT NO. 429-200 AND A POINT ON A NON TANGENT CURVE CONCAVE NORTHWESTERLY HAVING A RADIUS OF 375.87 FEET WITH A CHORD BEARING OF SOUTH 56°26'10" WEST AND A CHORD DISTANCE OF 42.08 FEET; THENCE RUN SOUTHWESTERLY ALONG SAID WESTERLY RIGHT-OF-WAY LINE AND THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 06°25'02" FOR A DISTANCE OF 42.10 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 59°38'41" WEST ALONG SAID WESTERLY RIGHT-OF-WAY LINE FOR A DISTANCE OF 791.31 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF BOY SCOUT ROAD, ACCORDING TO OFFICIAL RECORDS BOOK 1133, PAGE 608 OF AFORESAID PUBLIC RECORDS AND A POINT ON A NON TANGENT CURVE CONCAVE SOUTHWESTERLY HAVING A RADIUS OF 320.75 FEET WITH A CHORD BEARING OF NORTH 52°27'10" WEST AND A CHORD DISTANCE OF 241.42 FEET; THENCE RUN THE FOLLOWING COURSES ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF BOY SCOUT ROAD: THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 44°12'53" FOR A DISTANCE OF 247.52 FEET TO A POINT OF TANGENCY; THENCE RUN NORTH 74°33'37" WEST FOR A DISTANCE OF 220.12 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE NORTHEASTERLY HAVING A RADIUS OF 511.26 FEET WITH A CHORD BEARING OF NORTH 49°46'08" WEST AND A CHORD DISTANCE OF 428.76 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 49°34'58" FOR A DISTANCE OF 442.44 FEET TO A POINT OF TANGENCY; THENCE RUN NORTH 24°58'39" WEST FOR A DISTANCE OF 141.70 FEET TO A POINT ON AFORESAID EASTERLY RIGHT-OF-WAY LINE OF GALWAY BOULEVARD; THENCE RUN THE FOLLOWING COURSES ALONG SAID EASTERLY RIGHT-OF-WAY LINE: THENCE NORTH 16°33'33" EAST FOR A DISTANCE OF 30.96 FEET; THENCE RUN NORTH 61°41'11" EAST FOR A DISTANCE OF 173.78 FEET; THENCE RUN NORTH 36°05'04" EAST FOR A DISTANCE OF 90.60 FEET; THENCE RUN NORTH 19°14'42" EAST FOR A DISTANCE OF 74.95 FEET TO A POINT ON A NON TANGENT CURVE CONCAVE WESTERLY HAVING A RADIUS OF 213.50 FEET WITH A CHORD BEARING OF NORTH 12°56'36" WEST AND A CHORD DISTANCE OF 93.42 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 25°16'34" FOR A DISTANCE OF 94.19 FEET TO A POINT ON A NON TANGENT LINE; THENCE RUN NORTH 36°19'00" WEST FOR A DISTANCE OF 153.53 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE EASTERLY HAVING A RADIUS OF 300.00 FEET WITH A CHORD BEARING OF NORTH 13°25'27" WEST AND A CHORD DISTANCE OF 25.56 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 04°52'59" FOR A DISTANCE OF 25.57 FEET TO THE POINT OF BEGINNING.

CONTAINS 29.21 ACRES MORE OR LESS.

SURVEYOR'S NOTES:

1. BEARINGS SHOWN HEREON ARE ASSUMED AND BASED ON THE NORTH LINE OF THE SOUTHEAST 1/4 OF SECTION 18-21-28 AS BEING AN ASSUMED BEARING OF SOUTH 89°58'43" EAST.
2. ALL LOT LINES INTERSECTING CURVES ARE RADIAL, UNLESS OTHERWISE NOTED NON-RADIAL (NR).
3. ALL PLATTED UTILITY EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION AND DATA SERVICES; PROVIDED, HOWEVER, NO SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES SHALL INTERFERE WITH THE FACILITIES AND SERVICES OF AN ELECTRIC, TELEPHONE, GAS, OR OTHER PUBLIC UTILITY. IN THE EVENT A CABLE TELEVISION COMPANY DAMAGES THE FACILITIES OF A PUBLIC UTILITY, IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES. THIS SECTION SHALL NOT APPLY TO THOSE PRIVATE EASEMENTS GRANTED TO OR OBTAINED BY A PARTICULAR ELECTRIC, TELEPHONE, GAS, OR OTHER PUBLIC UTILITY. SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL SAFETY CODE AS ADOPTED BY THE FLORIDA PUBLIC SERVICE COMMISSION.
4. TRACT C-1 (CONSERVATION AREA TRACT AND UPLAND BUFFER) SHALL TO BE OWNED BY THE RIDGE AT APOPKA COMMUNITY DEVELOPMENT DISTRICT (CDD) WITH DEVELOPMENT RIGHTS DEDICATED TO ST. JOHNS RIVER WATER MANAGEMENT DISTRICT. NO CLEARING, GRADING OR ALTERATION IS PERMITTED WITHOUT APPROVAL BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
5. TRACT R-1 (RECREATION/STORMWATER POND TRACT) SHALL BE OWNED AND MAINTAINED BY CDD.
6. TRACTS SW-1 AND SW-2 (STORMWATER TRACTS) SHALL BE OWNED AND MAINTAINED BY THE CDD.
7. TRACT OS-1 (OPEN SPACE TRACT) SHALL BE OWNED AND MAINTAINED BY THE CDD.
8. THE ACCESS EASEMENT OVER A PORTION OF TRACT R-1 IS DEDICATED TO AND MAINTAINED BY THE CDD.

LEGEND:

OR	Official Records Book
PG(S)	page(s)
PC	point of curvature
PT	point of tangency
PI	point of intersection
PRC	point of reverse curvature
R/W	right-of-way
CCR #	Certified Corner Record Number
■	set 4" x 4" concrete monument
■	LB 6723 permanent reference monument (P.R.M.) unless otherwise noted
⊙	set nail and disk stamped
⊙	LB 6723 permanent reference monument (P.R.M.)
■	found 4" x 4" concrete monument
■	LB 7153 permanent reference monument (P.R.M.), unless otherwise noted
ID	identification
NR	non-radial
NT	non-tangent
PB	Plat Book
DB	Deed Book
L.B.	licensed business
●	set nail & disk, LB #6723
●	permanent control point (P.C.P.)
⊕	centerline
LLC	limited liability company
SRB	State Road Book
┐	change in direction
┐	along lot & right-of-way lines
///	limited access right-of-way line
U.E.	utility easement
CDD	Community Development District
ELY	Easterly
NLY	Northerly
WLY	Westerly
SLY	Southerly
R=	Radius
CB=	Chord Bearing
C=	Chord Length
Δ	Central Angle
L=	Arc Length
(OA)	Overall

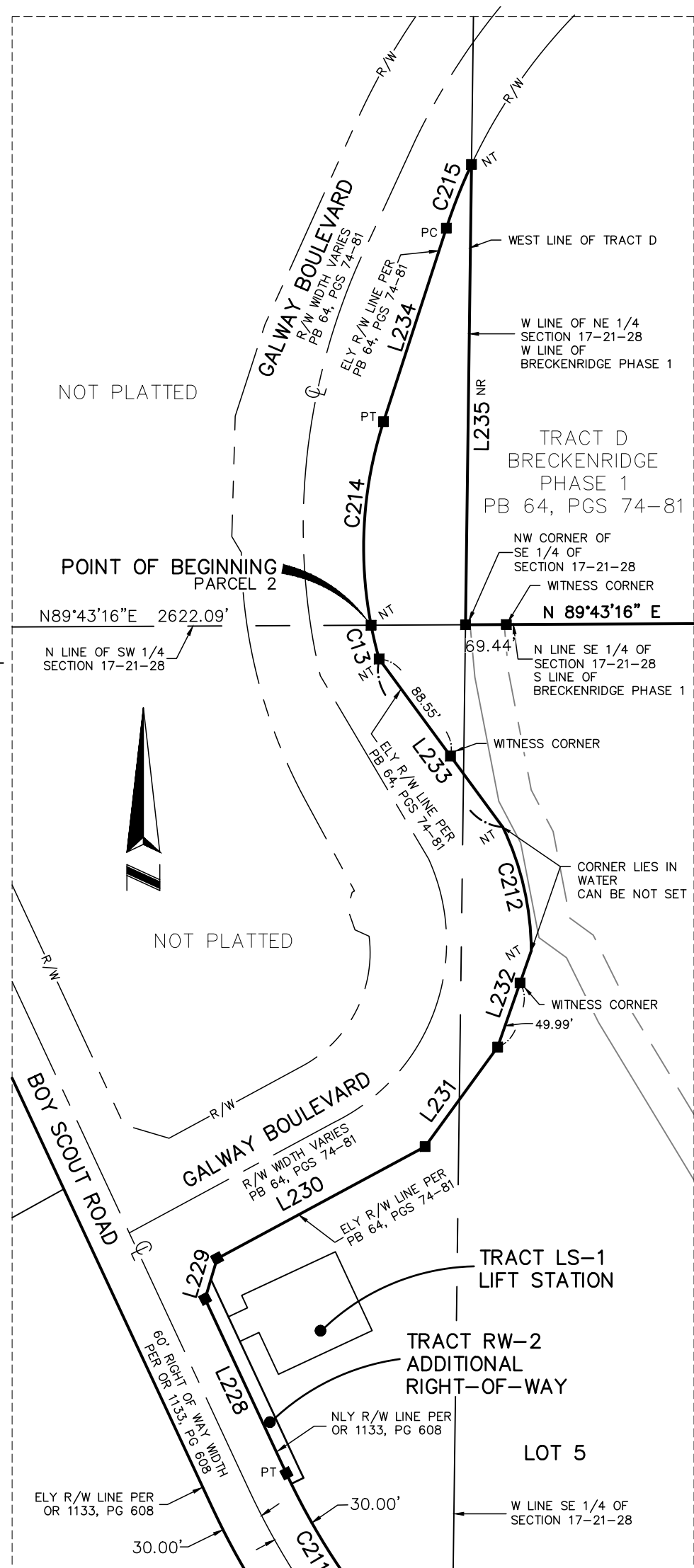
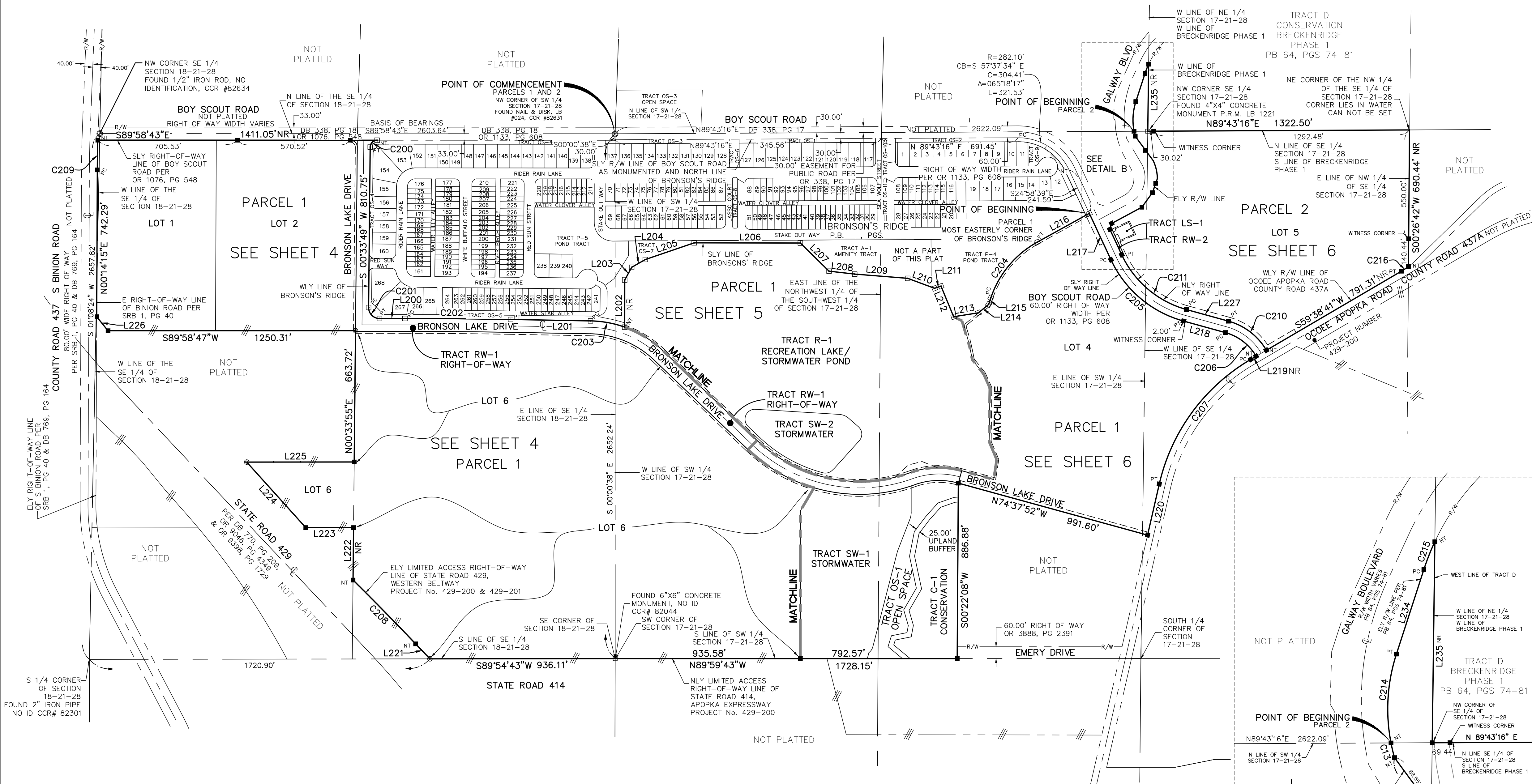


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RIDGE
A PORTION OF SECTIONS 17 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

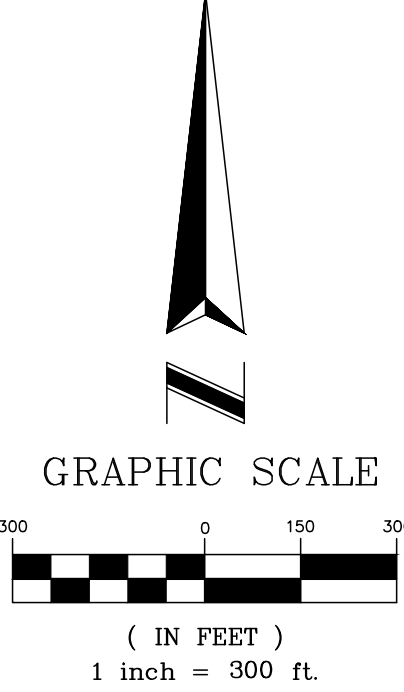
SHEET 3 OF 6 PLAT BOOK _____ PAGE _____



LINE TABLE		
LINE	BEARING	LENGTH
L200	S89°58'51"E	128.63'
L201	S88°57'48"E	403.65'
L202	N00°03'18"E	238.05'
L203	N28°41'04"E	73.35'
L204	N60°11'31"E	79.12'
L205	N71°09'55"E	261.11'
L206	S89°53'27"E	536.22'
L207	S45°36'26"E	203.03'
L208	S83°27'57"E	130.71'
L209	S85°25'10"E	268.38'
L210	S69°38'20"E	144.79'
L211	N71°32'09"E	34.37'
L212	S22°27'50"E	167.34'
L213	N80°59'34"E	127.19'
L214	N50°22'51"E	66.34'
L215	N18°30'04"E	34.88'
L216	N61°02'34"E	300.88'
L217	S24°58'39"E	258.86'
L218	S74°33'37"E	220.12'
L219	S59°38'41"W	31.35'
L220	S12°53'33"W	264.64'
L221	N43°34'16"W	104.57'

LINE TABLE		
LINE	BEARING	LENGTH
L222	N00°33'55"E	264.76'
L223	S89°58'55"W	241.14'
L224	N42°01'34"W	446.22'
L225	N89°57'09"E	543.15'
L226	N38°59'13"W	91.06'
L227	N74°33'37"W	220.12'
L228	N24°58'39"W	141.70'
L229	N16°33'33"E	30.96'
L230	N61°41'11"E	173.78'
L231	N36°05'04"E	90.60'
L232	N19°44'42"E	74.95'
L233	N36°19'00"W	153.53'
L234	N17°58'25"E	149.75'
L235	S00°44'46"W	338.71'

CURVE TABLE				
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA
C200	35.00'	S45°17'33"W	49.26'	089°27'28"
C201	55.00'	S44°42'31"E	78.15'	090°32'40"
C202	30065.00'	S89°28'20"E	533.99'	001°01'04"
C203	544.50'	S79°40'53"E	175.65'	018°33'50"
C204	505.00'	N39°46'19"E	366.41'	042°32'31"
C205	571.26'	S49°46'08"E	479.08'	049°34'58"
C206	260.75'	S52°27'06"E	196.27'	044°13'02"
C207	984.93'	S36°16'07"W	781.57'	046°45'08"
C208	14808.00'	N44°26'37"W	451.84'	001°44'54"
C209	5689.65'	N00°59'41"E	150.42'	001°30'53"
C210	320.75'	N52°27'10"W	241.42'	044°12'53"
C211	511.26'	N49°46'08"W	428.76'	049°34'58"
C212	213.50'	N12°56'36"W	93.42'	025°16'34"
C213	300.00'	N13°25'27"W	25.56'	004°52'59"
C214	300.00'	N03°29'44"E	150.01'	028°57'23"
C215	405.00'	N21°32'19"E	50.37'	007°07'48"
C216	375.87'	S56°26'10"W	42.08'	006°25'02"



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RIDGE

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CITY OF APOPKA, ORANGE COUNTY, FLORIDA

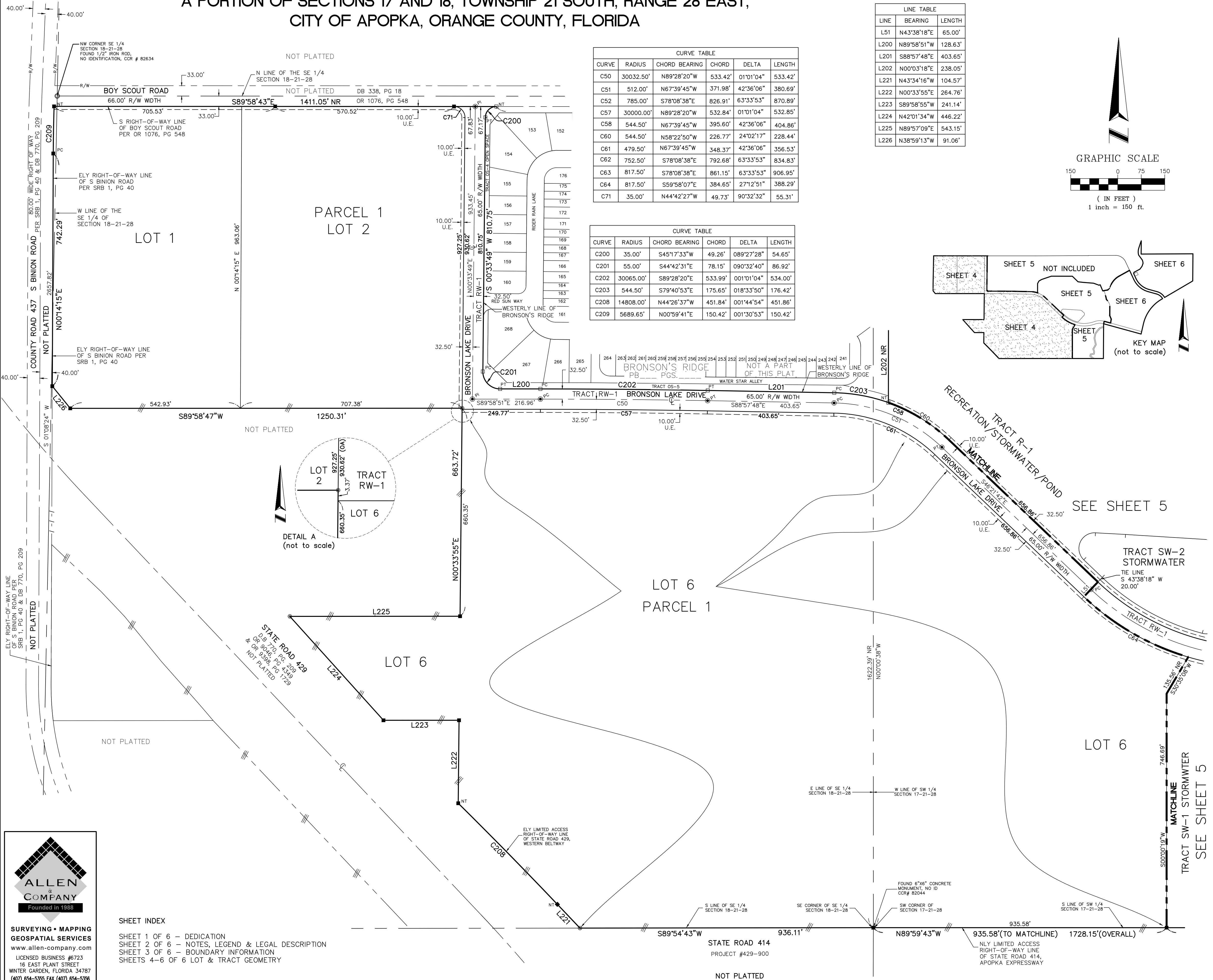
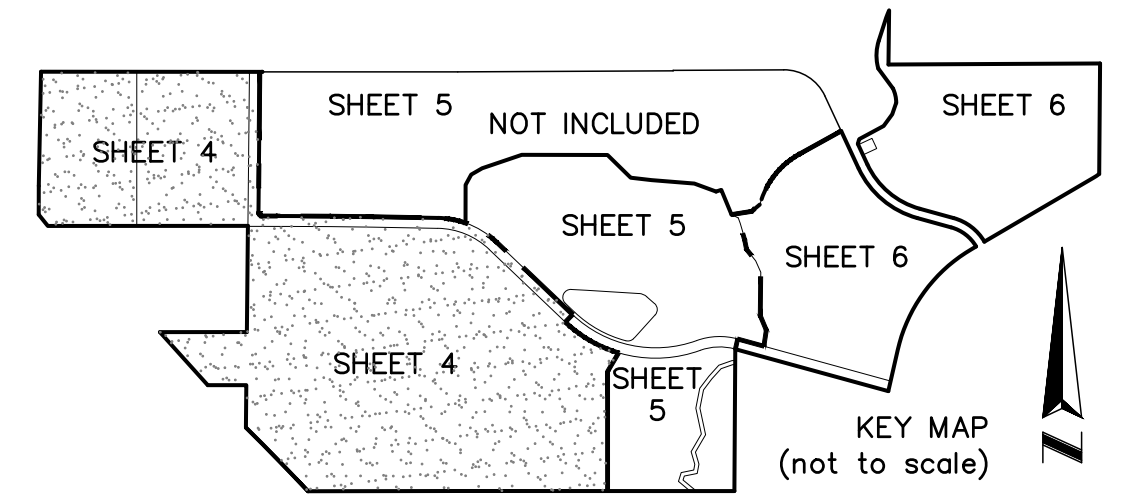
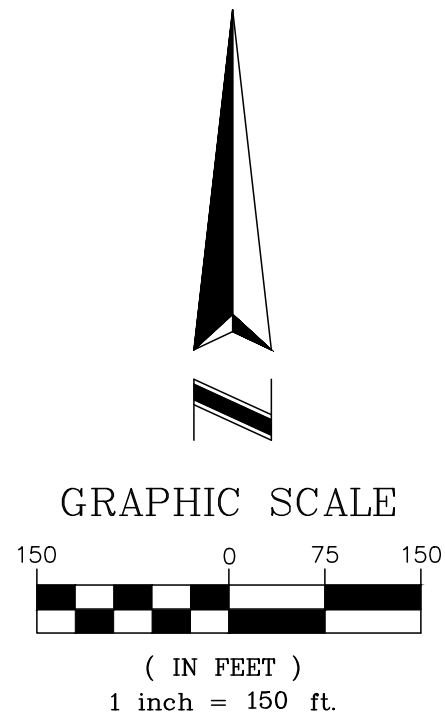
SHEET 4 OF 6

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LINE TABLE		
LINE	BEARING	LENGTH
L51	N43°38'18"E	65.00'
L200	N89°58'51"W	128.63'
L201	S88°57'48"E	403.65'
L202	N00°03'18"E	238.05'
L221	N43°34'16"W	104.57'
L222	N00°33'55"E	264.76'
L223	S89°58'55"W	241.14'
L224	N42°01'34"W	446.22'
L225	N89°57'09"E	543.15'
L226	N38°59'13"W	91.06'

CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C50	30032.50'	N89°28'20"W	533.42'	01°01'04"	533.42'
C51	512.00'	N67°39'45"W	371.98'	42°36'06"	380.69'
C52	785.00'	S78°08'38"E	826.91'	63°33'53"	870.89'
C57	30000.00'	N89°28'20"W	532.84'	01°01'04"	532.85'
C58	544.50'	N67°39'45"W	395.60'	42°36'06"	404.86'
C60	544.50'	N58°22'50"W	226.77'	24°02'17"	228.44'
C61	479.50'	N67°39'45"W	348.37'	42°36'06"	356.53'
C62	752.50'	S78°08'38"E	792.68'	63°33'53"	834.83'
C63	817.50'	S78°08'38"E	861.15'	63°33'53"	906.95'
C64	817.50'	S59°58'07"E	384.65'	27°12'51"	388.29'
C71	35.00'	N44°42'27"W	49.73'	90°32'32"	55.31'

CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C200	35.00'	S45°17'33"W	49.26'	089°27'28"	54.65'
C201	55.00'	S44°42'31"E	78.15'	090°32'40"	86.92'
C202	30065.00'	S89°28'20"E	533.99'	001°01'04"	534.00'
C203	544.50'	S79°40'53"E	175.65'	018°33'50"	176.42'
C208	14808.00'	N44°26'37"W	451.84'	001°44'54"	451.86'
C209	5689.65'	N00°59'41"E	150.42'	001°30'53"	150.42'



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FOUND 6"x6"
CONCRETE MONUMENT
BROKEN TOP NO ID

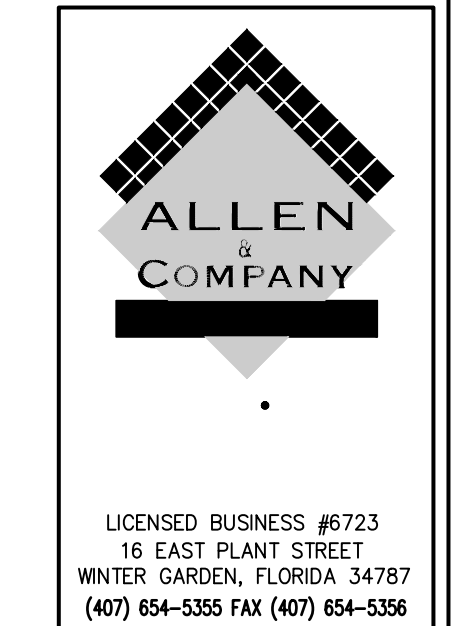
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3.00'

S R/W LINE

W LINE OF SW 1/4
SECTION 17-21-28

LOT 2

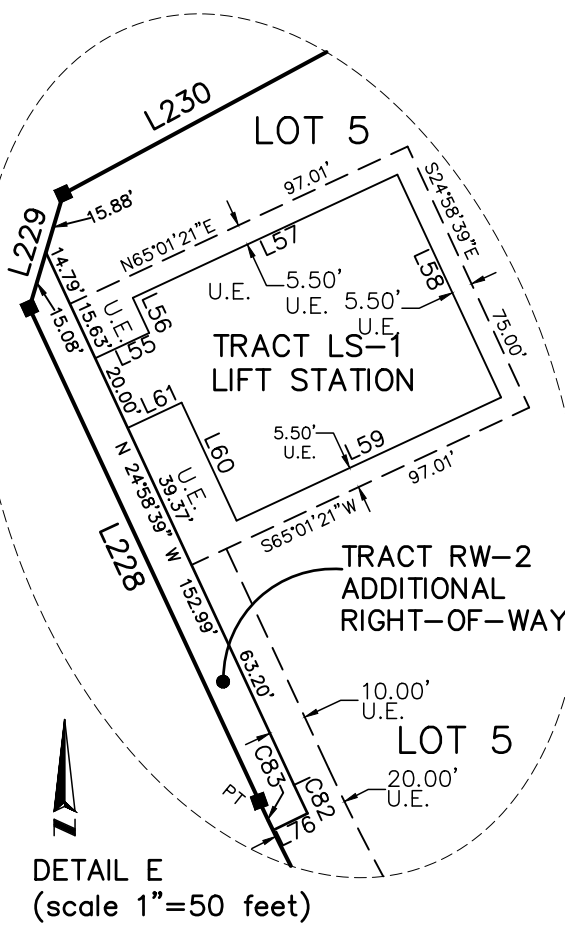
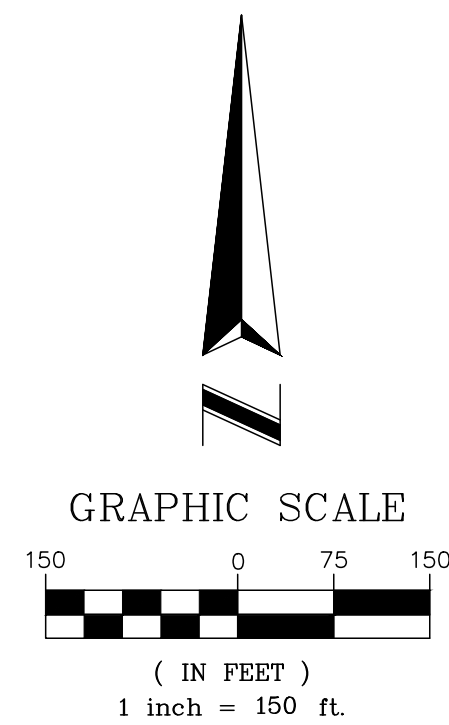
DETAIL C
(not to scale)



RIDGE
A PORTION OF SECTIONS 17 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST,
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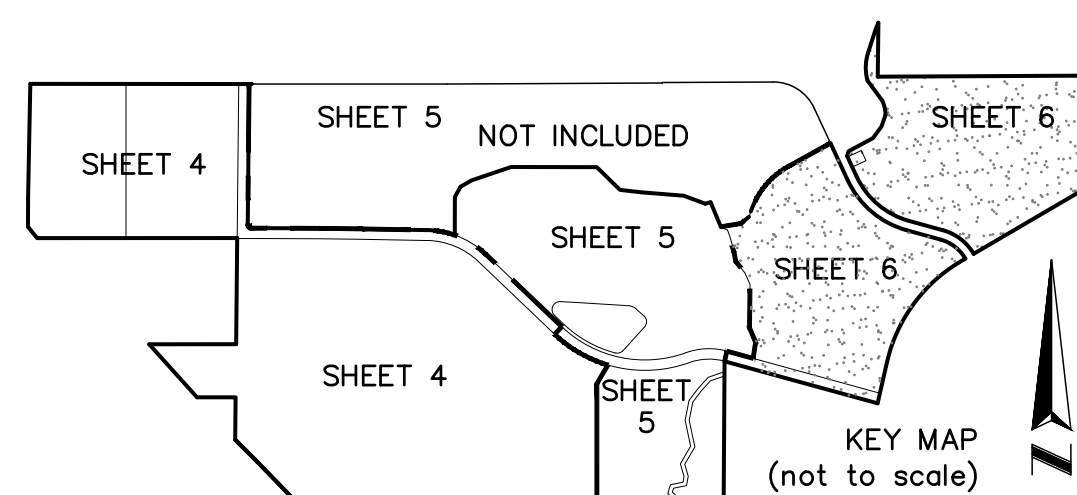
PLAT BOOK ____ PAGE ____



CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C18	340.75'	N54°58'35"W	228.43'	39°10'04"	232.94'
C53	390.00'	S87°43'16"W	236.47'	35°17'42"	240.25'
C66	422.50'	S87°43'16"W	256.17'	35°17'42"	260.27'
C67	357.50'	S87°43'16"W	216.76'	35°17'42"	220.23'
C74	929.66'	N16°24'22"W	142.60'	08°47'50"	142.74'
C75	1328.07'	N11°01'44"W	38.04'	01°38'28"	38.04'
C82	501.26'	S25°26'49"E	8.22'	00°56'21"	8.22'
C83	511.26'	S25°26'49"E	8.38'	00°56'21"	8.38'
C84	929.66'	S19°36'14"E	38.97'	02°24'06"	38.97'
C85	929.66'	S15°12'19"E	103.72'	06°23'44"	103.77'
C90	213.50'	S24°23'48"E	8.83'	02°22'10"	8.83'

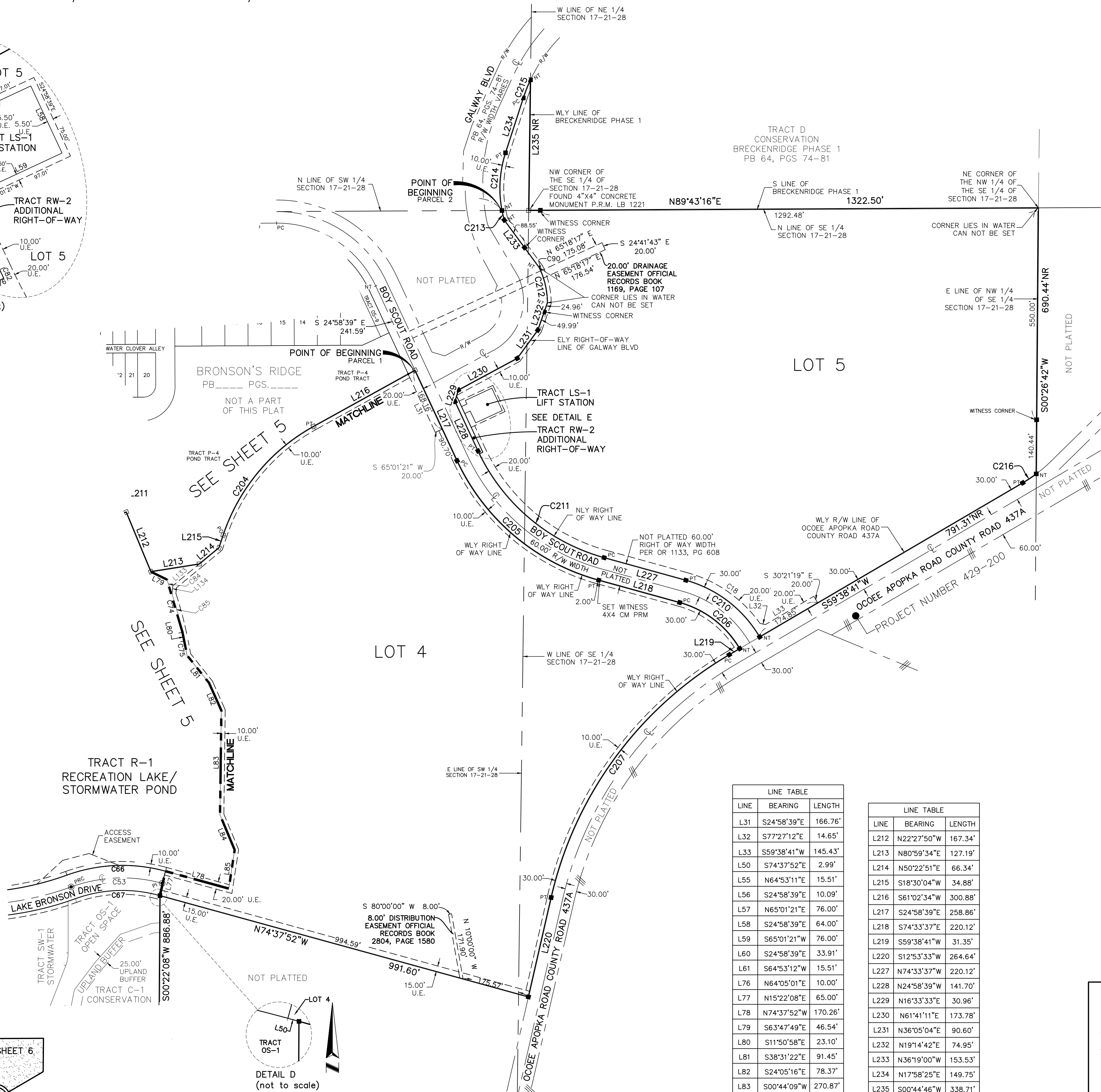
CURVE TABLE					
CURVE	RADIUS	CHORD BEARING	CHORD	DELTA	LENGTH
C204	505.00'	N39°46'19"E	366.41'	042°32'31"	374.96'
C205	571.26'	S49°46'08"E	479.08'	049°34'58"	494.36'
C206	260.75'	N52°27'06"W	196.27'	044°13'02"	201.23'
C207	984.93'	S36°16'07"W	781.57'	046°45'08"	803.68'
C210	320.75'	N52°27'10"W	241.42'	044°12'53"	247.52'
C211	511.26'	S49°46'08"E	428.76'	049°34'58"	442.44'
C212	213.50'	N12°56'36"W	93.42'	025°16'34"	94.19'
C213	300.00'	S13°25'27"E	25.56'	004°52'59"	25.57'
C214	300.00'	S03°29'44"W	150.01'	028°57'23"	151.62'
C215	405.00'	S21°32'19"W	50.37'	007°07'48"	50.40'
C216	375.87'	N56°26'10"E	42.08'	006°25'02"	42.10'

SEE SHEET 5



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LINE TABLE		
LINE	BEARING	LENGTH
L31	S24°58'39"E	166.76'
L32	S77°27'12"E	14.65'
L33	S59°38'41"W	145.43'
L50	S74°37'52"E	2.99'
L55	N64°53'11"E	15.51'
L56	S24°58'39"E	10.09'
L57	N65°01'21"E	76.00'
L58	S24°58'39"E	64.00'
L59	S65°01'21"W	76.00'
L60	S24°58'39"E	33.91'
L61	S64°53'12"W	15.51'
L76	N64°05'01"E	10.00'
L77	N15°22'08"E	65.00'
L78	N74°37'52"W	170.26'
L79	S63°47'49"E	46.54'
L80	S11°50'58"E	23.10'
L81	S38°31'22"E	91.45'
L82	S24°05'16"E	78.37'
L83	S00°44'09"W	270.87'
L84	S22°39'10"E	98.66'
L85	S08°41'03"W	101.40'
L133	S50°35'27"W	88.63'
L134	S06°17'34"W	21.03'

LINE TABLE		
LINE	BEARING	LENGTH
L212	N22°27'50"W	167.34'
L213	N80°59'34"E	127.19'
L214	N50°22'51"E	66.34'
L215	S18°30'04"W	34.88'
L216	S61°02'34"W	300.88'
L217	S24°58'39"E	258.86'
L218	S74°33'37"E	220.12'
L219	S59°38'41"W	31.35'
L220	S12°53'33"W	264.64'
L227	N74°33'37"W	220.12'
L228	N24°58'39"W	141.70'
L229	N16°33'33"E	30.96'
L230	N61°41'11"E	173.78'
L231	N36°05'04"E	90.60'
L232	N19°14'42"E	74.95'
L233	N36°19'00"W	153.53'
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