APOPKA DEVELOPMENT REVIEW COMMITTEE AGENDA

October 15, 2025 9:00 AM
Apopka City Hall Council Chambers

SPECIAL EVENTS

1. **Trader Maes Furniture and Decor - Trader Maes Holiday Festival - 2001 North Rock Springs Road - November 8th and 9th, 2025, 900 AM - 5:00 PM**

2. **Foliage Sertoma Club of Apopka - Apopka Christmas Parade - Begins at Park Avenue and 3rd Street and ends at Park Avenue and Votaw Road - December 13, 2025, 10:00 AM - 12:00 PM**

3. **V2 Alliance Group - Sunset Country Festival - Apopka Amphitheater - 3710 Jason Dwelley Parkway - January 312, 2026, 11:00 AM - 9:00 PM**

4. **Apopka Fire Department, Apopka Firefighters Association and the City of Apopka - Phil the Boot Pumper Pull - 5th Street - November 8, 2025, 4:00 PM 9:00 PM**

ANNEXATION

1. **AN-25-6 Sadler Road Assemblage - Annexation (AN), 1st Submittal**
   Owner(s): Ernest and Sandra Trussell, Josandi Bautista, Jose Felix, Shirley Anderson, Rice Mitchell, Rice Properties LLC, Jeffery Miller, Jesse and Patricia Renteria, Kevin and Tersa Marcum
   Applicant(s): Jonathan P. Huels Esq.
   Location: West of Golden Gem Road, east of Round Lake Road and south of Sadler Road
   Proposed Use: Single Family Residential
   Project Manager: Jean Sanchez
   Presented by: Jean Sanchez, Senior Planner

FUTURE LAND USE AMENDMENT

1. **FLU-25-11 Sadler Road Assemblage - Future Land Use Amendment (FLU), 1st Submittal**

REZONING

1. **FLU-25-11 Sadler Road Assemblage - Rezoning (RZ), 1st Submittal**

SITE PLAN:

CONSTRUCTION SITE PLAN

1. **CSP-25-37 Wyld Oaks Lot 7 Access Roads - Construction Site Plan (CSP), 1st Submittal**
   Owner(s): Kelly Park VB Development LLC
   Applicant(s): Kimley- Horn Associates, Inc - Mackenzie Cerjan
   Location: West Kelly Park Road between Effie Drive and Hwy 429
   Proposed Use: Development of approximately 900 linear feet of access roads , public and private, to support a portion of Lot 7 of the Wyld Oaks Development

Project Manager: Jean Sanchez
Presented by: Jean Sanchez, Senior Planner

SUBDIVISION:

CONSTRUCTION SITE PLAN

1. **CSP-25-15 Ondich South - Construction Site Plan (CSP), 4th Submittal**
   Owner(s): PM S-1 REO LLC,
   Applicant(s): 1828 Engineering - Sofia Sierra-Gil
   Location: Southwest corner of Ondich Road and Effie Drive
   Proposed Use: Residential 326 lot single-family subdivision
   Project Manager: Jean Sanchez
   Presented by: Jean Sanchez, Senior Planner

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.

City of Apopka Special Events Application

09/12/2025 5:15 PM (EDT)

DRC: 10/15

Special Event Permit Application

Welcome! A completed Special Event Permit application is required for all events with the City of Apopka. All events will be reviewed by our Development Review Committee for approval. The City of Apopka has the exclusive right to permit or deny an individual or organization facility use.

Note: Special event permit applications must be submitted at least 60 days before the event.

Incomplete applications will not be reviewed and will be denied. After approval, an estimation of fees forms for your event based on the application and the approval is applicable.

Contact Events:
events@apopka.net
407-703-1812

You must submit all required documents with your application.

Special Event Permit Application Checklist

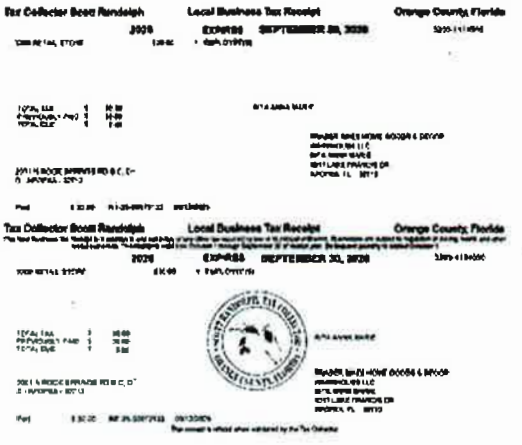
Remember, we suggest that all applications submitted at least 60 to 90 days prior to the event.

Please review this checklist and make sure you have the items requested below available during this application process.

- Completed Special Event Permit Application
- Event Description
- A non-refundable application fee of $50.00.
- 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
- All renters and vendors must have a listing with the Florida Department of State Division of Corporations. Visit www.sunbiz.org for more information about the process of registering a business.
- All businesses must also must submit a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.

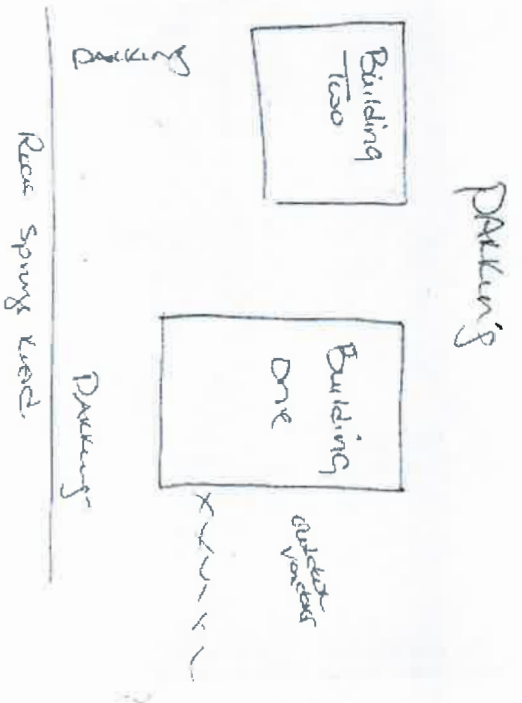
Applicant must be present for duration of event.

Organization Name	trader maes furniture and decor
Name of Applicant	anna m rita
Mailing Address	1017 lake francis drive

City	Apopka
State	Florida
Zip Code	32712
Cell Phone	4076906504
Email	annmarierita@yahoo.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	No
State of Florida Tax ID Number	58-80161598696
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	
Name of the Event	Trader Maes Holiday Festival
Date(s) of the Event	Novemeber 8/9
Hours of the Event	9:00am-5:00pm
Location of the Event	2001 N. Rock Springs Road, Apopka
Does the location of the event take place on Public or Private Property?	No
Anticipated attendance:	200
Briefly describe the event and all activities that will occur during the event:	fall and Christmas sales with outdoor vendors showcasing crafters from the area

Event Category	• Festival/Celebration
Are there flyers or advertisements for this event?	Yes
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?	Yes
How many vendors?	20
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?	No
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

Layout map for event



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	11/08/2025
Start Time	9:00 AM (EDT)
End Time	5:00 PM (EDT)

Event Dates

Date	11/09/2025
Start Time	9:00 AM (EDT)
End Time	5:00 PM (EDT)

Take Down/Load Out

Date	11/09/2025
Start Time	9:00 AM (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	Anna Marie Rita
Title of Applicant	Owner
Date Submitted	09/12/2025

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.	next.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	Anna M Rita
Title of Applicant	Owner
Sponsoring Organization Name	none

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/05/2025

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
Next First Insurance Agency, Inc.
PO Box 60787
Palo Alto, CA 94306

CONTACT NAME:
PHONE (A/C, No, Ext): (855) 222-5919 FAX (A/C, No):
E-MAIL ADDRESS: support@nextinsurance.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : State National Insurance Company, Inc.	12831
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
TRADER MAE'S HOME GOODS & DECOR WAREHOUSE LLC
2001 N. ROCK SPRINGS ROAD
Apopka, FL 32712

COVERAGES **CERTIFICATE NUMBER:** 731620042 **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	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	X		NXTF7LW4XW-01-GL	04/10/2025	04/10/2026	EACH OCCURRENCE	$1,000,000.00
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$100,000.00
							MED EXP (Any one person)	$15,000.00
							PERSONAL & ADV INJURY	$1,000,000.00
							GENERAL AGGREGATE	$2,000,000.00
							PRODUCTS - COMP/OP AGG	$2,000,000.00
								$
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident)	$
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N [ ] N / A If yes, describe under DESCRIPTION OF OPERATIONS below						[ ] PER STATUTE [ ] OTH-ER	
							E.L. EACH ACCIDENT	$
							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)

The Certificate Holder is City of Apopka. This Certificate Holder is an Additional Insured on the General Liability policy per the Additional Insured Automatic Status Endorsement. All Certificate Holder privileges apply only if required by written agreement between the Certificate Holder and the insured, and are subject to policy terms and conditions.

CERTIFICATE HOLDER
City of Apopka
120 E Main St
Apopka, FL 32703

LIVE CERTIFICATE
Click or scan to view

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
Ann Ryan

© 1988-2015 ACORD CORPORATION. All rights reserved.

Tax Collector Scott Randolph **Local Business Tax Receipt** **Orange County, Florida**

2026 **EXPIRES** **SEPTEMBER 30, 2026** 3200-1114050

3200 RETAIL STORE $30.00 1 EMPLOYEE(S)

TOTAL TAX	$	30.00
PREVIOUSLY PAID	$	30.00
TOTAL DUE	$	0.00

RITA ANNA MARIE

TRADER MAES HOME GOODS & DECOR
WAREHOUSE LLC
RITA ANNA MARIE
1017 LAKE FRANCIS DR
APOPKA, FL 32712

2001 N ROCK SPRINGS RD B,C, D
D - APOPKA - 32712

Paid $ 30.00 INT-25-00973133 09/12/2025

Tax Collector Scott Randolph **Local Business Tax Receipt** **Orange County, Florida**

This local Business Tax Receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation or zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

2026 **EXPIRES** **SEPTEMBER 30, 2026** 3200-1114050

3200 RETAIL STORE $30.00 1 EMPLOYEE(S)

TOTAL TAX	$	30.00
PREVIOUSLY PAID	$	30.00
TOTAL DUE	$	0.00

RITA ANNA MARIE

TRADER MAES HOME GOODS & DECOR
WAREHOUSE LLC
RITA ANNA MARIE
1017 LAKE FRANCIS DR
APOPKA, FL 32712

2001 N ROCK SPRINGS RD B,C, D
D - APOPKA - 32712

Paid $ 30.00 INT-25-00973133 09/12/2025

SCOTT RANDOLPH TAX COLLECTOR · ORANGE COUNTY, FLORIDA ·

This receipt is official when validated by the Tax Collector.

Orange County Code requires this local Business Tax Receipt to be displayed conspicuously at the place of business in public view. It is subject to inspection by all duly authorized officers of the County.

2025 FLORIDA LIMITED LIABILITY COMPANY ANNUAL REPORT

FILED
Feb 04, 2025
Secretary of State
8110656213CC

DOCUMENT# L13000034252

Entity Name: TRADER MAE'S HOME GOODS & DECOR WAREHOUSE LLC

Current Principal Place of Business:

2001 N. ROCK SPRINGS ROAD
UNIT # B,C,D
APOPKA, FL 32712

Current Mailing Address:

1017 LAKE FRANCIS DR
APOPKA, FL 32712 US

FEI Number: 46-2495850

Certificate of Status Desired: Yes

Name and Address of Current Registered Agent:

RITA, ANNA MARIE
1017 LAKE FRANCIS DR
APOPKA, FL 32712 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: ANNA MARIE RITA 02/04/2025

Electronic Signature of Registered Agent — Date

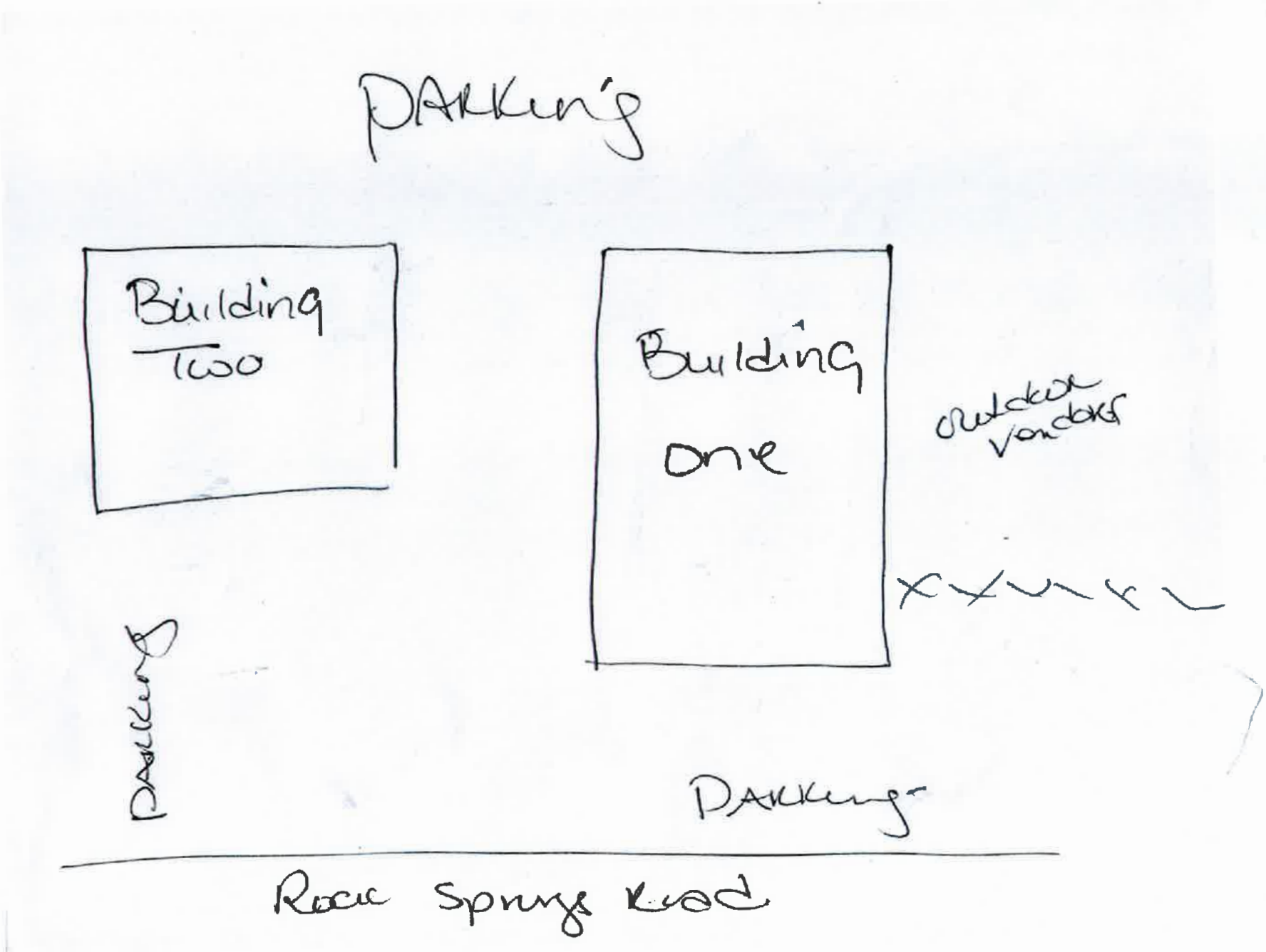
Authorized Person(s) Detail :

Title	MGR
Name	RITA, ANNA M
Address	3035 ROLLING HILLS LANE
City-State-Zip:	APOPKA FL 32712

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 a managing member or manager of the limited liability company or the receiver or trustee empowered to execute this report as required by Chapter 605, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: RITA, ANNA M MGR 02/04/2025

Electronic Signature of Signing Authorized Person(s) Detail — Date


PARKING
Building Two
Building One
outdoor vendors
PARKING
PARKING
Rock Springs Road

12.13.25 Apopka Christmas Parade

Road Closure

DRC: 10/15

Special Event Permit Application

Welcome! A completed Special Event Permit application is required for all events with the City of Apopka. All events will be reviewed by our Development Review Committee for approval. The City of Apopka has the exclusive right to permit or deny an individual or organization facility use.

Note: Special event permit applications must be submitted at least 60 days before the event.

Incomplete applications will not be reviewed and will be denied. After approval, an estimation of fees forms for your event based on the application and the approval is applicable.

Contact Events:
events@apopka.net
407-703-1812

You must submit all required documents with your application.

Special Event Permit Application Checklist

Remember, we suggest that all applications submitted at least 60 to 90 days prior to the event.

Please review this checklist and make sure you have the items requested below available during this application process.

- Completed Special Event Permit Application
- Event Description
- A non-refundable application fee of $50.00.
- 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
- All renters and vendors must have a listing with the Florida Department of State Division of Corporations. Visit www.sunbiz.org for more information about the process of registering a business.
- All businesses must also must submit a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.

Applicant must be present for duration of event.

Organization Name	Foliage Sertoma Club of Apopka
Name of Applicant	LORENA POTTER
Mailing Address	PO Box 718

City	Apopka
State	Florida
Zip Code	32704
Cell Phone	4075837349
Email	FOREVRBZY60@gmail.COM
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	59-2253765

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	W9 2025.pdf
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	Sunbiz 2025.pdf
Name of the Event	Apopka Christmas Parade
Date(s) of the Event	December 13, 2025
Hours of the Event	10:00 a.m. until 12:00 noon
Location of the Event	Begins at Park Ave and 3rd Street and ends at Park Ave and Votaw
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:	Annual Christmas Parade that features school groups, clubs, businesses, non-profit organizations and elected officials. This is a co-sponsored event produced by the City of Apopka and the Foliage Sertoma Club.
Event Category	• Parade/Procession/March
Are there flyers or advertisements for this event?	Yes
Additional Event Information	There will be newspaper articles and ads for the parade as the date nears, There will also be articles about the grand marshal and judges once they have been confirmed. Thank you ads for the sponsors usually are in the newspaper and on the club's website for a few weeks prior to the event.
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?	Yes

Please indicate the road names

Park Ave from 441 to Summit
all side streets on the East side of Park Avenue starting at 3rd street and ending at Votaw
a parade staging map will be provided to the city.

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?	(2) 10 x 10 tents to cover the VIP seating at the front of KLNP
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

Layout map for event

new map color with notes.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	12/13/2025
Start Time	8:00 AM (EDT)
End Time	9:30 AM (EDT)

Event Dates	
Date	12/13/2025
Start Time	10:00 AM (EDT)
End Time	12:00 PM (EDT)

Take Down/Load Out	
Date	12/13/2025
Start Time	12:00 PM (EDT)
End Time	1:00 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	Lorena Potter
Name of Applicant	Lorena Potter
Title of Applicant	Parade Chairperson
Date Submitted	09/15/2025

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. 5 Year Co-production agreement.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	Lorena Potter
Name of Applicant	Lorena Potter
Title of Applicant	Parade Chairperson
Sponsoring Organization Name	Foliage Sertoma Club of Apopka

2025 FLORIDA NOT FOR PROFIT CORPORATION ANNUAL REPORT

FILED
Feb 08, 2025
Secretary of State
0472716711CC

DOCUMENT# N99000002318

Entity Name: FOLIAGE SERTOMA CLUB OF APOPKA, INC.

Current Principal Place of Business:

1303 HILLWAY ROAD
APOPKA, FL 32703-5259

Current Mailing Address:

P.O. BOX 718
APOPKA, FL 32704 US

FEI Number: 59-2253765

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

WINESBURGH, BEVERLY B
1303 HILLWAY ROAD
APOPKA, FL 32703-5259 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: BEVERLY B. WINESBURGH 02/08/2025
Electronic Signature of Registered Agent — Date

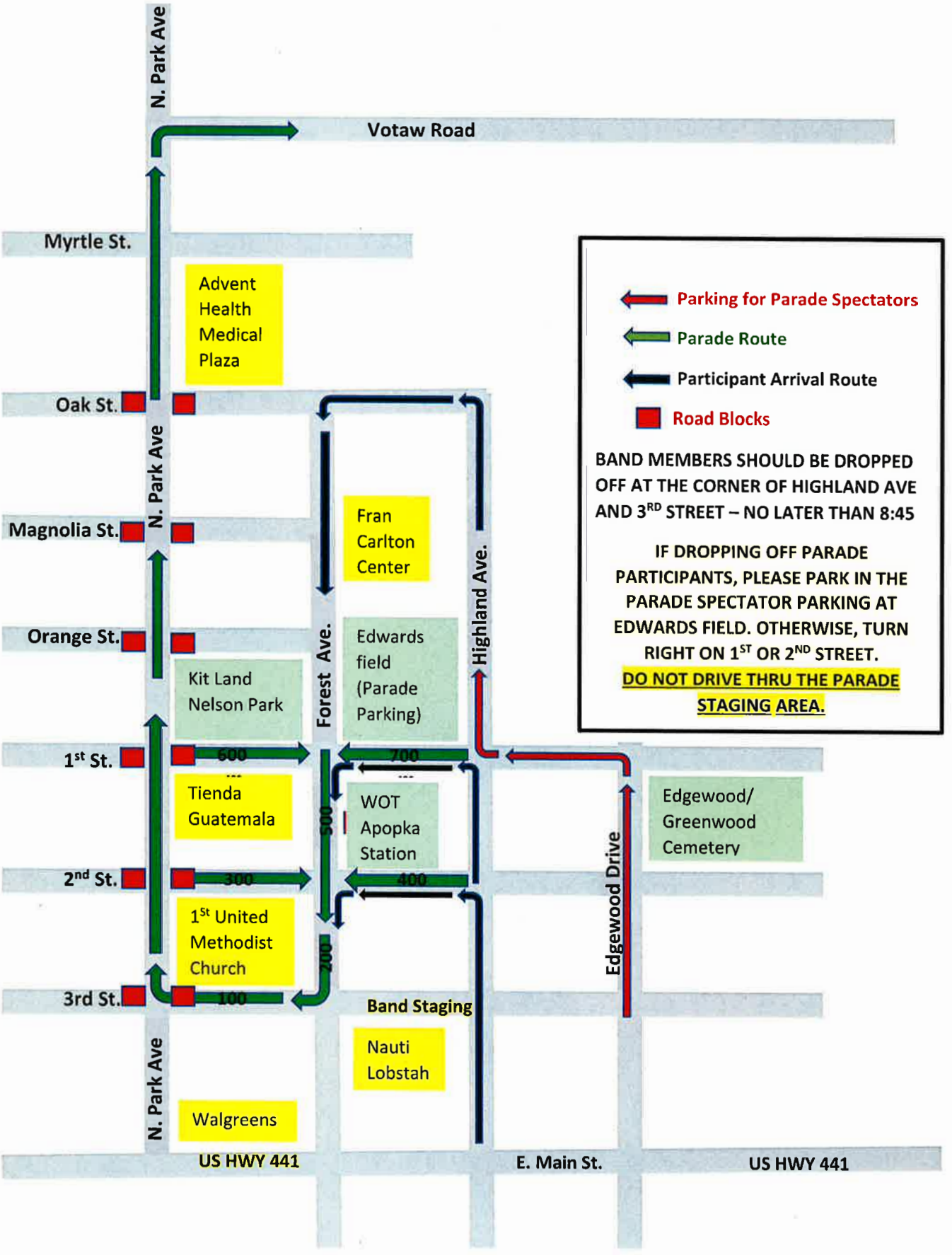
Officer/Director Detail :

Title	SECRETARY	Title	PRESIDENT
Name	WINESBURGH, BEVERLY B	Name	DUMEY, WES
Address	P.O. BOX 718	Address	P.O. BOX 718
City-State-Zip:	APOPKA FL 32704	City-State-Zip:	APOPKA FL 32704

Title	CHAIRMAN
Name	POTTER, LORENA
Address	P.O. BOX 718
City-State-Zip:	APOPKA FL 32704

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: BEVERLY B. WINESBURGH SECRETARY/TREASURER 02/08/2025
Electronic Signature of Signing Officer/Director Detail — Date


N. Park Ave
Votaw Road
Myrtle St.
Advent Health Medical Plaza
Oak St.
N. Park Ave
Magnolia St.
Fran Carlton Center
Orange St.
Kit Land Nelson Park
Forest Ave.
Edwards field (Parade Parking)
Highland Ave.
1st St.
600
700
Tienda Guatemala
WOT Apopka Station
500
2nd St.
300
400
1st United Methodist Church
200
3rd St.
100
Band Staging
Nauti Lobstah
N. Park Ave
Walgreens
US HWY 441
E. Main St.
US HWY 441
Edgewood Drive
Edgewood/ Greenwood Cemetery
Parking for Parade Spectators
Parade Route
Participant Arrival Route
Road Blocks
BAND MEMBERS SHOULD BE DROPPED OFF AT THE CORNER OF HIGHLAND AVE AND 3RD STREET – NO LATER THAN 8:45
IF DROPPING OFF PARADE PARTICIPANTS, PLEASE PARK IN THE PARADE SPECTATOR PARKING AT EDWARDS FIELD. OTHERWISE, TURN RIGHT ON 1ST OR 2ND STREET.
DO NOT DRIVE THRU THE PARADE STAGING AREA.

City of Apopka Special Events Application
09/08/2025 9:53 PM (EDT)

Amp

DRC: 10/15

Special Event Permit Application

Welcome! A completed Special Event Permit application is required for all events with the City of Apopka. All events will be reviewed by our Development Review Committee for approval. The City of Apopka has the exclusive right to permit or deny an individual or organization facility use.

Note: Special event permit applications must be submitted at least 60 days before the event.

Incomplete applications will not be reviewed and will be denied. After approval, an estimation of fees forms for your event based on the application and the approval is applicable.

Contact Events:
events@apopka.net
407-703-1812

You must submit all required documents with your application.

Special Event Permit Application Checklist

Remember, we suggest that all applications submitted at least 60 to 90 days prior to the event.

Please review this checklist and make sure you have the items requested below available during this application process.

- Completed Special Event Permit Application
- Event Description
- A non-refundable application fee of $50.00.
- 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
- All renters and vendors must have a listing with the Florida Department of State Division of Corporations. Visit www.sunbiz.org for more information about the process of registering a business.
- All businesses must also must submit a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.

Applicant must be present for duration of event.

Organization Name	V2 Alliance Corp
Name of Applicant	Vanessa Machado Oliveira
Mailing Address	511 N. Pine Meadow Dr.

City	Debary, Florida, United States
State	FL
Zip Code	32713
Cell Phone	4076003439
Email	vanessalmpires@gmail.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	393811390

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 Business Tax Receipt for the municipality/county that your business/organization is registered in.	Sunbiz.pdf
Name of the Event	SUNSET COUNTRY FESTIVAL
Date(s) of the Event	01/31/2026
Hours of the Event	from 11am to 9pm
Location of the Event	Apopka Amphitheater
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	1500 5000
Briefly describe the event and all activities that will occur during the event:	The Sunset Country Festival is a full-day music festival, that celebrates country and sertanejo music, bringing together national and international artists. The event offers over 9 hours of live concerts, food and beverage vendors, VIP areas, family activities, and cultural experiences for all ages.
Event Category	• Festival/Celebration
Are there flyers or advertisements for this event?	No
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?	6
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?	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?	10X30, 10X20 AND 10X10
Will inflatables be used at your event?	Yes
Will your event include any fireworks or pyrotechnics?	No

Layout map for event



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	01/30/2026
Start Time	8:00 AM (EDT)
End Time	9:00 PM (EDT)

Event Dates

Date	01/31/2026
Start Time	11:00 AM (EDT)
End Time	9:00 PM (EDT)

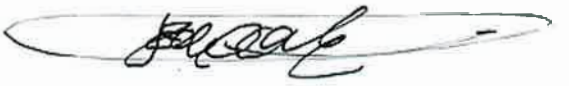
Take Down/Load Out

Date	02/01/2026
Start Time	7:00 AM (EDT)
End Time	7:00 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	Vanessa Machado Oliveira
Title of Applicant	President
Date Submitted	09/08/2025

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	Vanessa Machado Oliveira
Title of Applicant	President
Sponsoring Organization Name	V2 Alliance Corp

2025 FLORIDA LIMITED LIABILITY COMPANY ANNUAL REPORT

DOCUMENT# L19000109652

Entity Name: INSTA CLICK EVENTS LLC

Current Principal Place of Business:

511 N PINE MEADOW DR
DEBARY, FL 32713

Current Mailing Address:

511 N PINE MEADOW DR
DEBARY, FL 32713 US

FEI Number: 83-4587182

FILED
Apr 03, 2025
Secretary of State
6845013019CC

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

OLIVEIRA, VANESSA
511 N PINE MEADOW DR
DEBARY, FL 32713 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:

Electronic Signature of Registered Agent — Date

Authorized Person(s) Detail :

Title	AUTHORIZED MEMBER	Title	AUTHORIZED MEMBER
Name	OLIVEIRA, VANESSA	Name	OLIVEIRA, JOHN
Address	511 N PINE MEADOW DR	Address	511 N PINE MEADOW DR
City-State-Zip:	DEBARY FL 32713	City-State-Zip:	DEBARY FL 32713

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 a managing member or manager of the limited liability company or the receiver or trustee empowered to execute this report as required by Chapter 605, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: VANESSA OLIVEIRA AMBR 04/03/2025

Electronic Signature of Signing Authorized Person(s) Detail — Date


BACKSTAGE
PRODUCTION ENTRANCE
GATE
GATE
ENTRANCE
ENTRANCE
10X
10X
10X20
VIP AREA
SPONSORS & VENDORS
GENERAL ADMISSION
KIDS AREA
SPONSORS & VENDORS
10X30
BAR
10X30
BAR
FOOD COURT
Google

Special Event Permit Application

Welcome! A completed Special Event Permit application is required for all events with the City of Apopka. All events will be reviewed by our Development Review Committee for approval. The City of Apopka has the exclusive right to permit or deny an individual or organization facility use.

Note: Special event permit applications must be submitted at least 60 days before the event.

Incomplete applications will not be reviewed and will be denied. After approval, an estimation of fees forms for your event based on the application and the approval is applicable.

Contact Events:
events@apopka.net
407-703-1812

You must submit all required documents with your application.

Special Event Permit Application Checklist

Remember, we suggest that all applications submitted at least 60 to 90 days prior to the event.

Please review this checklist and make sure you have the items requested below available during this application process.

- Completed Special Event Permit Application
- Event Description
- A non-refundable application fee of $50.00.
- 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
- All renters and vendors must have a listing with the Florida Department of State Division of Corporations. Visit www.sunbiz.org for more information about the process of registering a business.
- All businesses must also must submit a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.

Applicant must be present for duration of event.

Organization Name	Apopka Fire Department, Apopka Firefighters Association, and the City of Apopka
Name of Applicant	Wil Sanchez
Mailing Address	175 East 5th Street

City	Apopka
State	FL
Zip Code	32703
Cell Phone	407-703-1756
Email	wrivera-sanchez@apopka.net
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	85-8012595869C-0

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 Business Tax Receipt for the municipality/county that your business/organization is registered in.	Tax Exemption Certificate 2022-2027.pdf
Name of the Event	Phil the Boot Pumper Pull
Date(s) of the Event	November 8th 2025
Hours of the Event	4pm - 9pm
Location of the Event	5th Street
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:	This is an event where teams will compete to pull a fully loaded fire truck weighing over 40,000 pounds! It is the ultimate tug-of-war showdown and an unforgettable team-building experience. This family-friendly event will also feature children's activities, food vendors, live entertainment, and fire safety demonstrations throughout the evening.
Event Category	• Other
Please specify	Fire Truck Pumper Pull
Are there flyers or advertisements for this event?	Yes

Attach Flyer or Advertisement 1	
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?	4
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?	Yes

Please indicate the road names	5th Street between Park and Central.
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?	10 x 10
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

Layout map for event



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	11/08/2025
Start Time	3:00 PM (EDT)
End Time	4:00 PM (EDT)

Event Dates

Date	11/08/2025
Start Time	4:00 PM (EDT)
End Time	9:00 PM (EDT)

Take Down/Load Out

Date	11/08/2025
Start Time	8:30 PM (EDT)
End Time	9:00 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	Wil Sanchez
Title of Applicant	Fire Chief
Date Submitted	10/13/2025

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. FMIT 0014. CITY OF APOPKA.ANNUAL.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.

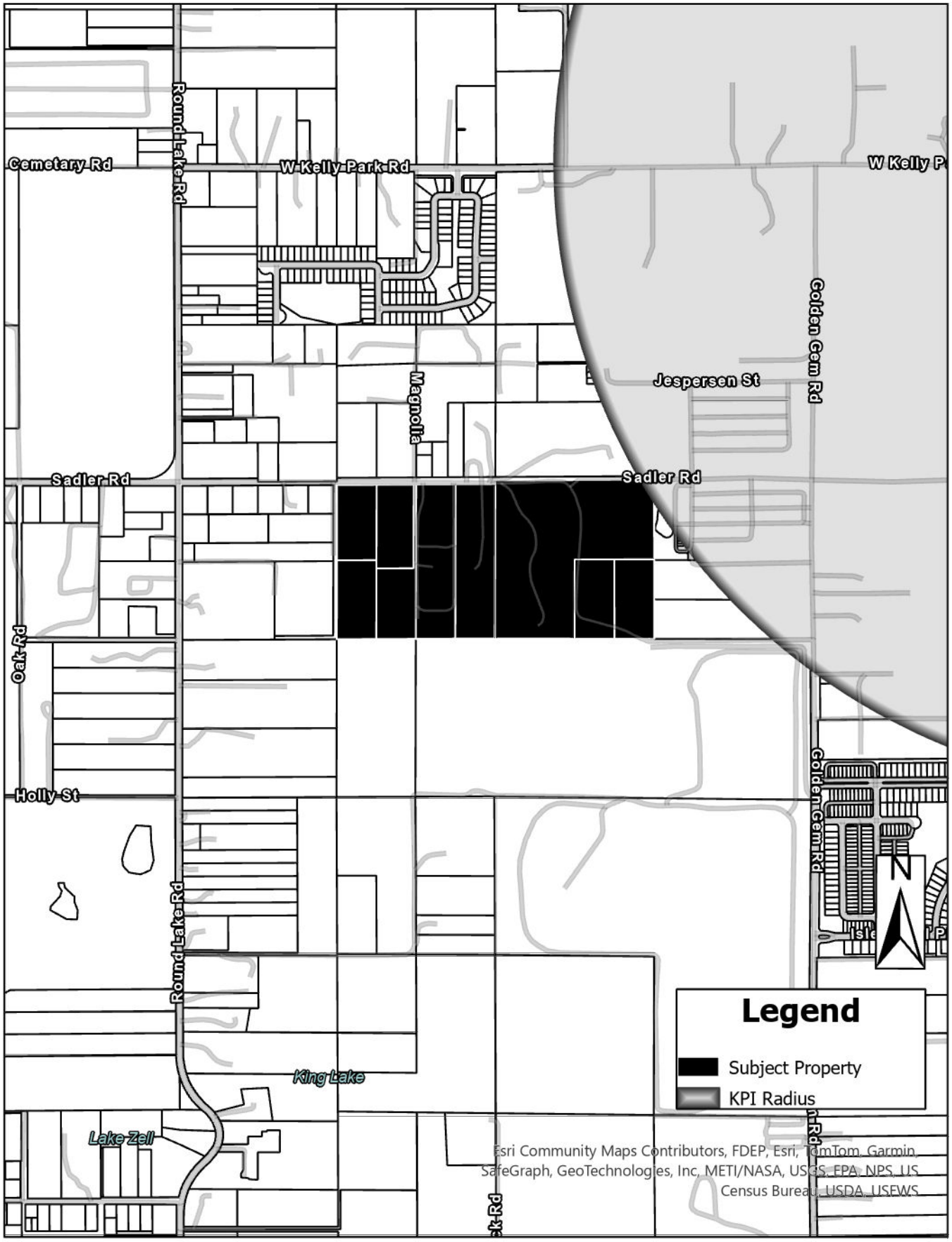
- Applicant/Event Organizer shall require and verify that all subcontractors, including but not limited to concessionaires, vendors, exhibitors, and entertainers, maintain insurance meeting all of the requirements stated herein. Furthermore, the insurance policy held by the Applicant/Event Organizer 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	Wil Sanchez
Title of Applicant	Fire Chief
Sponsoring Organization Name	City of Apopka Fire Department

Vicinity


Cemetary Rd
W Kelly Park Rd
Round Lake Rd
Magnolia
Jespersen St
Golden Gem Rd
Sadler Rd
Oak Rd
Holly St
King Lake
Lake Zell
N
Legend
Subject Property
KPI Radius
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Aerial


Magnolia
Jespersen St
Sadler Rd
Round Lake Rd
N
Legend
Subject Property
KPI Radius
State of Florida, Maxar, Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Future Land Use



Zoning


Cemetary Rd
W Kelly Park Rd
W Kelly P
Round Lake Rd
Golden Gem Rd
Jespersen St
Magnolia
Sadler Rd
Sadler Rd
Oak Rd
Holly St
Round Lake Rd
Golden Gem Rd
King Lake
Lake Zell
N
Legend
Subject Property
KPI Radius
Apopka Zoning
(AG) - Agriculture
(MU-N) - KPI - Neighborhood
(MU-T) - KPI -Transition
(MU-VC) - KPI - Village Center
(T) - Transitional
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

OVERALL SITE DATA:

OCPA - PARCEL ID #s:	**14-20-27-0000-00-030, 14-20-27-0000-00-070 14-20-27-0000-00-068, 14-20-27-0000-00-029 14-20-27-0000-00-035, 14-20-27-0000-00-075 14-20-27-0000-00-064, 14-20-27-0000-00-017 14-20-27-0000-00-065**
TOTAL PROPERTY AREA:	**79.95 Ac.**
DEDICATED RIGHT-OF-WAY AREA	**0.78 Ac.**
FPC POWER EASEMENT	**3.28 Ac.**
TOTAL RESIDENTIAL DEVELOPABLE AREA	**75.89 Ac.**
FEMA FLOOD INSURANCR RATE MAP FLOOD ZONE: FIRM PANEL #12017901251H DATED SEPT. 24, 2021	**X**
EXISTING FUTURE LAND USE (FLU):	**R (COUNTY)**
PROPOSED FUTURE LAND USE (FLU):	**MU (CITY)**
ADJACENT FUTURE LANE USE (FLU):	
NORTH	**R (COUNTY)**
SOUTH	**R (COUNTY)**
EAST	**MU (CITY)**
WEST	**R (COUNTY)**

EXISTING ZONING:	**A-1 (COUNTY)**
REQUESTED OVERLAY ZONING/CHARACTER ZONES:	**NEIGHBORHOOD OVERLAY DISTRICT**
PROPOSED ZONING:	**MU-N (CITY)**
ADJACENT ZONING:	
NORTH	**A-1 (COUNTY)**
SOUTH	**A-1 (COUNTY)**
EAST	**MU-N (CITY), MU-T (CITY)**
WEST	**A-1 (COUNTY), R-CE (COUNTY)**
PROPOSED NUMBER OF DWELLING UNITS:	**280 LOTS**
PROPOSED NET DENSITY:	**3.69 DU/Ac.**

PROPOSED MINIMUM LOT REQUIREMENTS

	REAR-LOADED	**FRONT LOADED**
MINIMUM LOT AREA	**3,740 SF**	**7,150 SF**
MINIMUM LOT WIDTH	**34 ft.**	**55 ft.**
MINIMUM LOT DEPTH	**110 ft.**	**130 ft.**
MAXIMUM BUILDING HEIGHT	**35 ft. (2-story)**	**35 ft. (2-story)**
SETBACKS		
FRONT PORCH	**10 ft. min.**	**10 ft. min.**
FRONT/STREET SIDE	**15 ft. min.**	**25 ft. min./15 ft. min.**
REAR	**5 ft. min.**	**20 ft. min.**
SIDE	**5 ft. min.**	**5 ft. min.**
FRONT GARAGE	**N/A**	**25 ft. min./30 ft. max.**
REAR GARAGE	**20 ft. min.**	**N/A**

TRACT DATA

TRACT	DESCRIPTION	AREA (AC)	AREA (SF)	OWNER
TRACT 'A'	10' WALL AND LANDSCAPE BUFFER	0.25 AC	10,988 SF	H.O.A.
TRACT 'B'	LANDSCAPE ISLAND	0.04 AC	1,819 SF	H.O.A.
TRACT 'C'	PUBLIC RIGHT-OF-WAY	13.61 AC	592,995 SF	CITY
TRACT 'D'	10' LANDSCAPE BUFFER	0.04 AC	1,538 SF	H.O.A.
TRACT 'E'	OPEN SPACE	0.10 AC	4,456 SF	H.O.A.
TRACT 'F'	25' LANDSCAPE BUFFER	0.27 AC	11,753 SF	H.O.A.
TRACT 'G'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'H'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'I'	25' LANDSCAPE BUFFER	0.43 AC	18,719 SF	H.O.A.
TRACT 'J'	OPEN SPACE	0.09 AC	3,799 SF	H.O.A.
TRACT 'K'	OPEN SPACE	0.09 AC	3,766 SF	H.O.A.
TRACT 'L'	OPEN SPACE	0.09 AC	3,777 SF	H.O.A.
TRACT 'M'	OPEN SPACE	0.09 AC	3,786 SF	H.O.A.
TRACT N'	OPEN SPACE/FPC POWER EASEMENT	0.65 AC	28,410 SF	H.O.A.
TRACT 'O'	OPEN SPACE	0.45 AC	19,814 SF	H.O.A.
TRACT 'P	OPEN SPACE	0.19 AC	8,278 SF	H.O.A.
TRACT 'Q'	OPEN SPACE	0.09 AC	3,750 SF	H.O.A.
TRACT 'R'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.
TRACT 'S'	OPEN SPACE	0.24 AC	10,614 SF	H.O.A.
TRACT 'T'	STORMWATER POND 2	4.63 AC	201,712 SF	H.O.A.
TRACT 'U'	OPEN SPACE/FPC POWER EASEMENT	2.64 AC	114,932 SF	H.O.A.
TRACT 'V'	LIFT STATION	0.04 AC	1,950 SF	CITY
TRACT 'W'	STORMWATER POND 1	14.77 AC	643,281 SF	H.O.A.
TRACY 'X'	AMENITY	1.00 AC	43,648 SF	H.O.A.
TRACT 'Y'	TRAFFIC ISLAND	0.00 AC	68 SF	H.O.A.
TRACT 'Z'	10' WALL AND LANDSCAPE BUFFER	0.15 AC	6,558 SF	H.O.A.
TRACT 'AA'	10' WALL AND LANDSCAPE BUFFER	0.14 AC	6,043 SF	H.O.A.
TRACT 'BB'	RIGHT-OF-WAY DEDICATION	0.92 AC	39,894 SF	CITY
TRACT 'CC'	10' WALL AND LANDSCAPE BUFFER	0.03 AC	1,500 SF	H.O.A.
TRACT 'DD'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'EE'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'FF'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'GG'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'HH'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'II'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'JJ'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'KK'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'LL'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.

DEVELOPMENT PROGRAM

34' DETACHED REAR-LOADED	178 LOTS
55' DETACHED FRONT-LOADED	102 LOTS
TOTAL	280 LOTS
DENSITY	3.69 DU/ACRE

OPEN SPACE TABLE

OPEN SPACE REQUIRED (20%)	15.18 AC	20.00%
PROPOSED OPEN SPACE		
AMENITY	1.00 AC	1.32%
OPEN SPACE	4.86 AC	6.41%
LANDSCAPE BUFFER	1.41 AC	1.86%
STORMWATER POND (75% MAX)	11.38 AC	15.00%
TOTAL	18.66 AC	24.59%

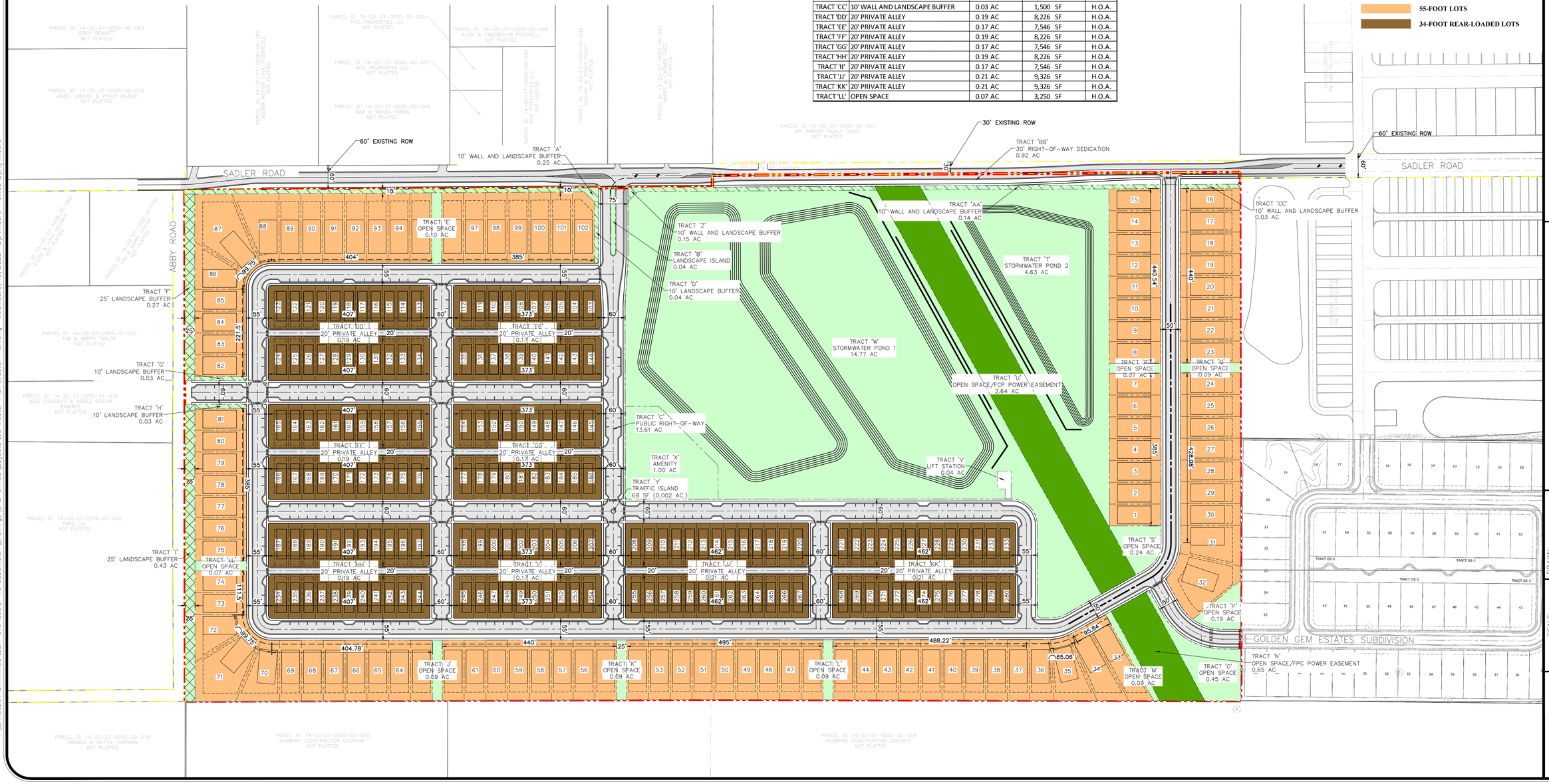
GRAPHIC SCALE

120 0 60 120 240

(IN FEET)
1 inch = 120 ft.

LEGEND

- PROPERTY BOUNDARY
- ROW LINE
- LOT LINES
- 25' LANDSCAPE BUFFER
- 10' WALL / LANDSCAPE BUFFER
- OPEN SPACE
- OPEN SPACE - POWER EASEMENT
- 55-FOOT LOTS
- 34-FOOT REAR-LOADED LOTS



1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN:	T.MOORE
DESIGNED:	T. MOORE
CHECKED:	L. CLASSON
DATE:	9/19/2025
SCALE	1" = 120'
PROJECT	BZR-010
SHEET	C1.0

9/19/25

BY	DESCRIPTION	DATE

P:\...PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By: tmoore Plotted By: tj moore

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By:tmoore Plotted By:tj moore

A. Design Standards (1)

1. LOT CRITERIA (based on KPI Neighborhood Design Criteria):

Description	Single-Family Detached 34' Lots (Rear-Loaded)	Single-Family Detached 55' Lot (Front-Loaded)
Front Porch Setback (2)	10'	15'
Front Facade Setback	15' min.	25' min.
Rear Setback (3)	5' min.	20' min.
Side Setback	5'	5'
Corner/Side Street Setback	15'	15'
Garage Front Setback	N/A	30' min.
Garage Rear Setback	20' min.	N/A
Min. Average Lot Area	3,740 SF	7,150 SF
Min. Lot Width	34'	55'
Min. Lot Depth	110'	130'
Max. Lot Coverage	75%	75%
Max. Building Height	35'/2 Stories	35'/2 Stories
Min. Living Area	1, 500 SF	1, 600 SF
Building foundation 18" above c/l of ROW	Keep at grade level	

(1) See Master Plan sheet for depiction of conceptual typical site plans.
(2) Front porch requirements and setback as allowed per Kelly Park Interchange (KPI) Form-Based Code Section J.1 and K.2(g)(v).
(3) Swimming pools and other structures allowed to encroach within rear setback per KPI Table 10.2.4.B of the Apopka Code.

B. Architectural, Buildings, and Accessory Structures

1. Architectural design shall meet the intent of City of Apopka Kelly Park Interchange Form-Base Code or unless otherwise stated.
2. All lots shall have detached single-family homes.
3. Each individual single-family home shall have a minimum of two (2) bedrooms.
4. All front-loaded lots shall have minimum two (2) car garage.
5. All rear-loaded lots shall have a minimum one (1) car garage.
6. Mail delivery for all lots within Chandler Hills shall occur at cluster mailbox units. Approval from the Postmaster of the location shall be submitted prior to approval of the Construction Site Plan.
7. AC condenser units & similar equipment shall be placed in the side or rear yard area. Units & similar equipment shall be placed with a minimum three (3) feet setback from side property line. Units shall be screened from side streets with landscaping or opaque fencing.
8. Storage sheds or similar storage facilities shall not be allowed.
9. Swimming pools shall be allowed on all front-loaded lots.
10. Swimming pools shall not be allowed on rear-loaded lots.
11. Architectural Design Standards:
    a) Architectural styles shall be determined prior to Construction Site Plan approval, and these shall

meet the intent of to the City of Apopka's Kelly Park Interchange Form-Based Code except as noted on these Development Standards. Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from architectural rendering must be approved by City Council.
    b) Front facade materials such as cultured stone veneer, stucco, wood plank, and fiber cement siding may be utilized to be consistent with the applicable Architectural Style.
    c) Minimum roof pitch over the main house and garage shall be 5/12. Roof pitch over porches shall be a minimum of 4/12.
    d) Thirty-year asphalt shingle shall be installed on all roofs. Three-tab shingles are prohibited. The shingle color shall compliment the color scheme of the house.
    e) Aluminum and vinyl fascia and soffit shall be standard for all houses. Fascia and soffit color shall compliment the color scheme of the house.
    f) Trim around windows and doors shall be painted a different color from the body of the house. Doors may be painted either the same as the trim or separate accent color.
    g) Concrete or pavers shall be installed in rear yard driveways, lead walks, porches, and porticos.
12. Front Building Entrance Elevation Design Standards:
    a) Front building entrance shall feature a minimum four (4) feet deep (per Kelly Park Interchange Form-Base Code Section J.4 Figure 16) porches & porticos flush or projecting beyond front wall or similar feature. Porches shall be a minimum width of eight (8) feet and a minimum clear height of eight (8) feet.
    b) Front garages shall be attached and recessed from the primary façade (not including porches, bays, or other minor projections) by a minimum of four (4) feet.
    c) Garage frontage shall be limited to 52%. Frontage is determined by garage door width.
    d) Front porches and porticos may be at grade level.
    e) Should any home's front elevation comprise less than the required 10% of windows, the front door shall be predominantly made of glass.
    f) Identical model plan type shall not be constructed on neighboring lots who share a side yard property boundary line or are directly across the street without a different elevation type.
    g) Identical exterior paint schemes shall not be applied on neighboring lots who share a side yard property boundary line or are directly across the street.
    h) Specific elevations style types shall have similar wall finishes, window grid patterns, window banding & trim, roof lines and slopes, etc. Applied to each lot width model plan type front elevations.
    i) Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from exterior elevations must be approved by City Council.
13. Individual Lot Front & Rear Yard Fencing Standards:
    a) Maximum height of a fence shall be six (6) feet above final grade or six (6) inches less than the community common wall height, whichever is less. No fence shall exceed the height of an abutting common area wall.
    b) Fencing at rear yards of rear alley loaded lots shall be setback a minimum two (2) feet from the alley and driveway edges.
    c) Fencing at street corner lot side yards shall adhere to LDC Section 5.5.

C. Utilities and Infrastructure

1. Potable water service shall be provided by the City of Apopka. The water system shall be designed to City of Apopka standards.
2. Reclaimed water service shall be provided by the City of Apopka. The reclaimed water system shall be designed to City of Apopka standards.
3. Stormwater management system shall be designed to comply with the design standards of the City of Apopka and the St. Johns River Water Management District.
4. A final drainage report and soils report will be submitted with the Construction Site Plan.
5. Sanitary service shall be provided by the City of Apopka. The sanitary system shall be designed to City of Apopka standards.
6. Utility easements shall be dedicated to the City of Apopka.
7. Drainage easements to be dedicated to the Homeowners' Association unless otherwise required by the City of Apopka.
8. All stormwater and utility pipes may be moved to save existing trees in the right-of-way. Any change in the location of these pipes will be shown on the Construction Site Plan.
9. On-site streets are to be constructed per City of Apopka standards.
10. Stabilized access roadways and fire hydrants must be in place before building construction may begin.
11. Solid waste collection and public safety (police and fire) shall be provided by the City of Apopka.
12. The internal Street Type E (Neighborhood) right-of-way is to be public.
13. The internal Street Type F (Alley) right-of-way is to be private.
14. Five-foot (5') wide sidewalks are to be constructed adjacent to internal roads throughout the entire project in compliance with the City of Apopka Kelly Park Interchange Form-Base Code unless otherwise noted. Sidewalk alignment may be adjusted at Construction Site Plan to preserve existing trees.
15. Garages shall be accessed from the adjacent Street Type F (Alley) at the rear of the lot for all rear-loaded lots.
16. Power service within the development shall be underground. No overhead service will be allowed.
17. Vehicular, Pedestrian and Accent lighting shall substantially conform to the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e).
18. Lighting shall be required for safety and security in accordance with Sec. 5-6-2.A.3.

D. Recreation and Open Space

1. Required project open space shall be a minimum of 20% of the developed site area in accordance with City of Apopka Kelly Park Interchange Form-Base Code per Section Q Table 13.
2. Required project recreation shall be provided at a rate of 3.6 acres per 1,000 population with 2.6 population per dwelling unit.

E. Buffers and Landscaping

1. A ten-foot (10') buffer will be provided along the northern property boundary. This tract shall be dedicated to and maintained by the H.O.A.
2. A 30'/15' ROW Dedication shall be made in favor of the City of Apopka along the northern property boundary adjacent to Sadler Road.
3. A 25' landscape buffer will be provided along the western property boundaries. This tract shall be dedicated to and maintained by the H.O.A.
4. The design of all buffer tracts shall follow the City of Apopka Kelly Park Interchange Form-Base Code Section M. Landscaping & Hardscape Plans shall be provided at Construction Site Plan.
5. Entrance feature and community sign details will be provided with the Construction Site Plan.
6. Final landscape plans for the buffer areas along the proposed main entrance at Sadler Road shall be provided with the Construction Site Plan.
7. Tree Planting Conditions. Minimum of two (2) new trees shall be planted per residential lot. The new trees shall be a minimum of three (3) inches DBH at the time of planting and shall count toward the overall number of required tree replacement inches, if any.
8. Trees within the Street Type E (Neighborhood) shall be medium canopy trees at forty (40) feet minimum spacings, understory trees at twenty (20) feet minimum spacing per City of Apopka Kelly Park Interchange Form-Base Code Section P.3 Table 12.
9. Tree Protection Plan - The Construction Site Plan shall include tree protection techniques to prevent harm to any trees designate to be preserved or encroachment into protected natural areas, including but not limited to tree barricades, silt fencing or other similar techniques accepted by the City Engineer.

F. Maintenance and Plat

1. Sadler Assemblage Homeowners' Association shall maintain common areas including all fences/walls and landscaping within said common areas.
2. The Construction Site Plan shall include the plat document, and the plat shall be in final form.
3. The City of Apopka shall be responsible for maintenance of Street Type E (Neighborhood), on-street parallel parking spaces, street lighting, stormwater collection systems and utilities (potable water main, reclaimed water main, force main, etc.) within the public rights-of-way of the Sadler Assemblage.

G. Wetlands and Environmental

1. There are no wetland areas within the site.
2. According to the flood insurance rate map no. 12095C0125 H dated September 24, 2021, The land and the improvement as shown on ALTA survey are not within a 100-year flood hazard zone. The land is in "X".
3. An erosion control plan will be submitted with the Construction Site Plan.
4. Tree removal, tree replacement, and landscaping shall comply with the City of Apopka Kelly Park Interchange Form-Base Code Section M.
5. Individual lot arbor/clearing permit is required prior to clearing or grading of any lot or issuance of building permit. Placement of the house shall preserve existing trees to the greatest extent practical. Plot plan for each lot shall illustrate tree locations as presented within the Construction Site Plan.

H. Development Condition Continuity

The MU-KPI Development Standards shall be printed within the MU-KPI Master Plan and the Construction Site Plan.

I. Signage

Signage shall comply with the City of Apopka Kelly Park Interchange Form-Base Code.

J. Lighting

1. Lighting shall comply with the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e). Street and parking area or pedestrian path light poles shall be decorative type. Details will be provided with the Construction Site Plan.

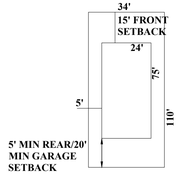
K. Garbage Pickup

1. Garbage of rear-loaded single-family units shall be picked up at the adjacent Street Type F (Alley) along the rear of the lots.

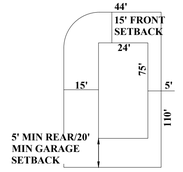
L. Miscellaneous

1. Any existing septic tanks or wells shall be properly abandoned prior to earthwork or construction. Permits shall be applied for and issued by the appropriate agencies.
2. All acreages are subject to change with Construction Site Plan and Preliminary Plat review and approval.
3. Outdoor storage areas (boats, trailers, recreational vehicles, etc.) are not provided within the development and will be prohibited through the H.O.A. documents.
4. All lots with rear alley access shall have uniform address numbers on the front and rear facades of the residence.

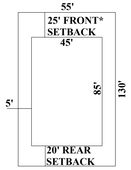
TYPICAL 34' LOT SIZE/PROPOSED BUILDING PAD



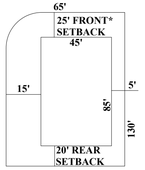
44' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



TYPICAL 55' LOT SIZE/PROPOSED BUILDING PAD



65' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



*** 30' MIN. GARAGE SETBACK**

NO.	DESCRIPTION	DATE	BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

DEVELOPMENT STANDARDS
KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN:	DESIGNED:	CHECKED:	DATE:
T.MOORE	T. MOORE	L. CLASSON	9/19/2025

SCALE:	PROJECT	SHEET
N.T.S.	BZR-010	C2.0

9/19/25

W KELLY PARK ROAD

SADLER ROAD

ROUND LAKE ROAD

ABBY ROAD

PROPOSED SADLER RD SUBDIVISION

GREENSHADE GROVE AVE

GOLDEN GEM RD

N

W E

S

GRAPHIC SCALE

250 0 125 250 500

(IN FEET)
1 inch = 250 ft.

LEGEND

- PROPERTY BOUNDARY - THE RESERVE AT KELLY PARK
- KELLY PARK INTERCHANGE FORM-BASE CODE 1-MILE RADIUS
- EXISTING RIGHT-OF-WAY
- STREET TYPE A (GATEWAY FROM HIGHWAY)
- STREET TYPE B (VILLAGE CENTER ACCESS STREET)
- STREET TYPE C (VILLAGE CENTER INTERIOR STREETS)
- STREET TYPE D (TRANSITION AREAS OPTION 1 & 2)
- STREET TYPE E (NEIGHBORHOOD)
- STREET TYPE F (ALLEY)

REV.	DATE	DESCRIPTION	BY

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN – STREET HIERARCHY EXHIBIT

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

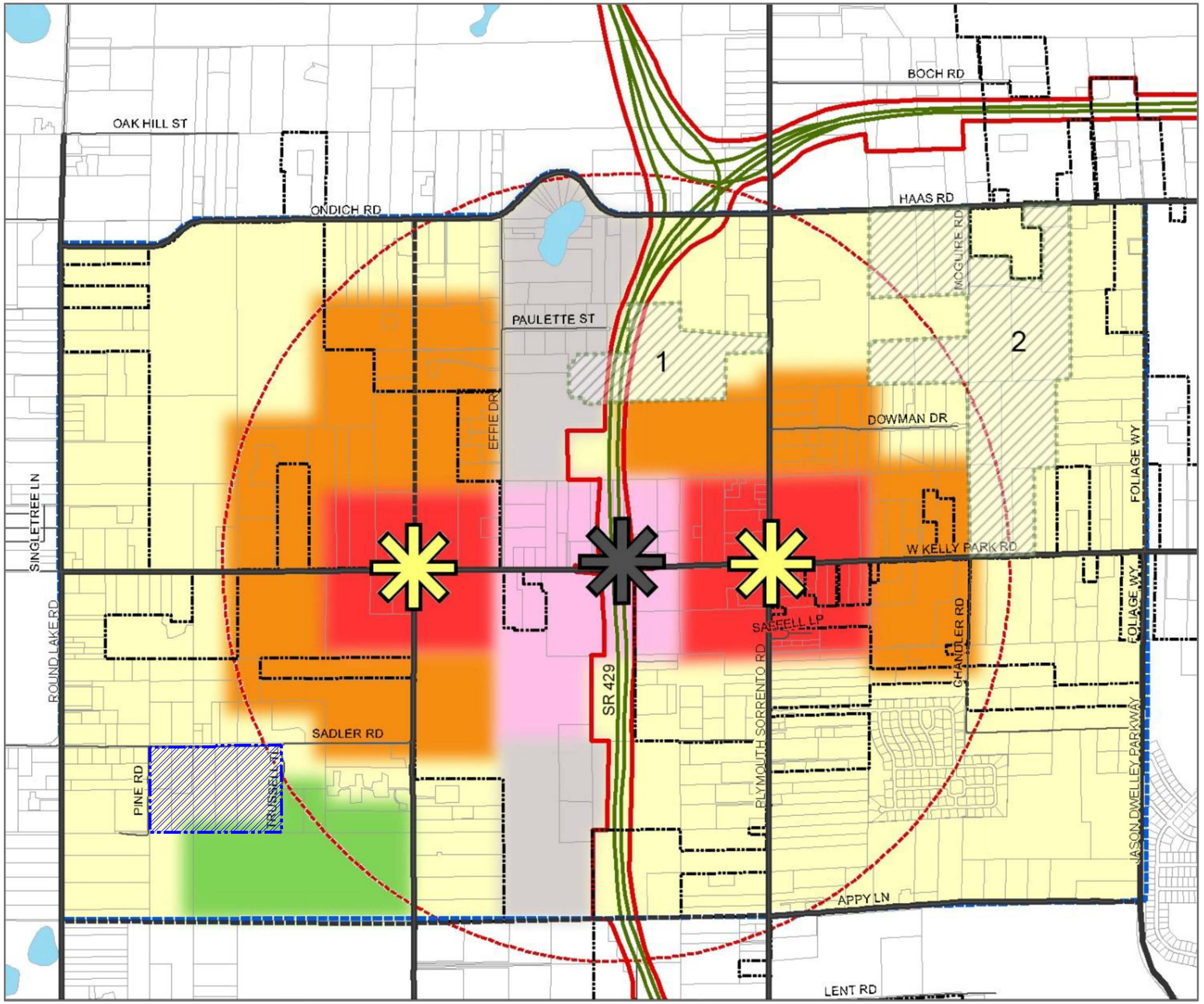
DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: 1" = 250'
PROJECT: BZR-010
SHEET: EX. 1

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

Figure 2: Wekiva Parkway Interchange Vision Plan/Kelly Park Interchange Regulating Plan



Note: The City boundaries depicted in this graphics may change overtime.

N
W E
S

GRAPHIC SCALE
750 0 375 750 1500
(IN FEET)
1 inch = 750 ft.

Legend:

Design Districts
- Village Center
- Employment
- Interchange
- Transition
- Neighborhood
- Recreation

- Interchange Study Area Boundary
- City of Apopka Boundary
- Existing Roads
- 1 Mile Radius
- Interchange
- Activity Nodes
- SADLER RD ASSEMBLAGE

BY | DESCRIPTION | REV. | DATE

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN –
WEKIVA VISION PLAN OVERLAY

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

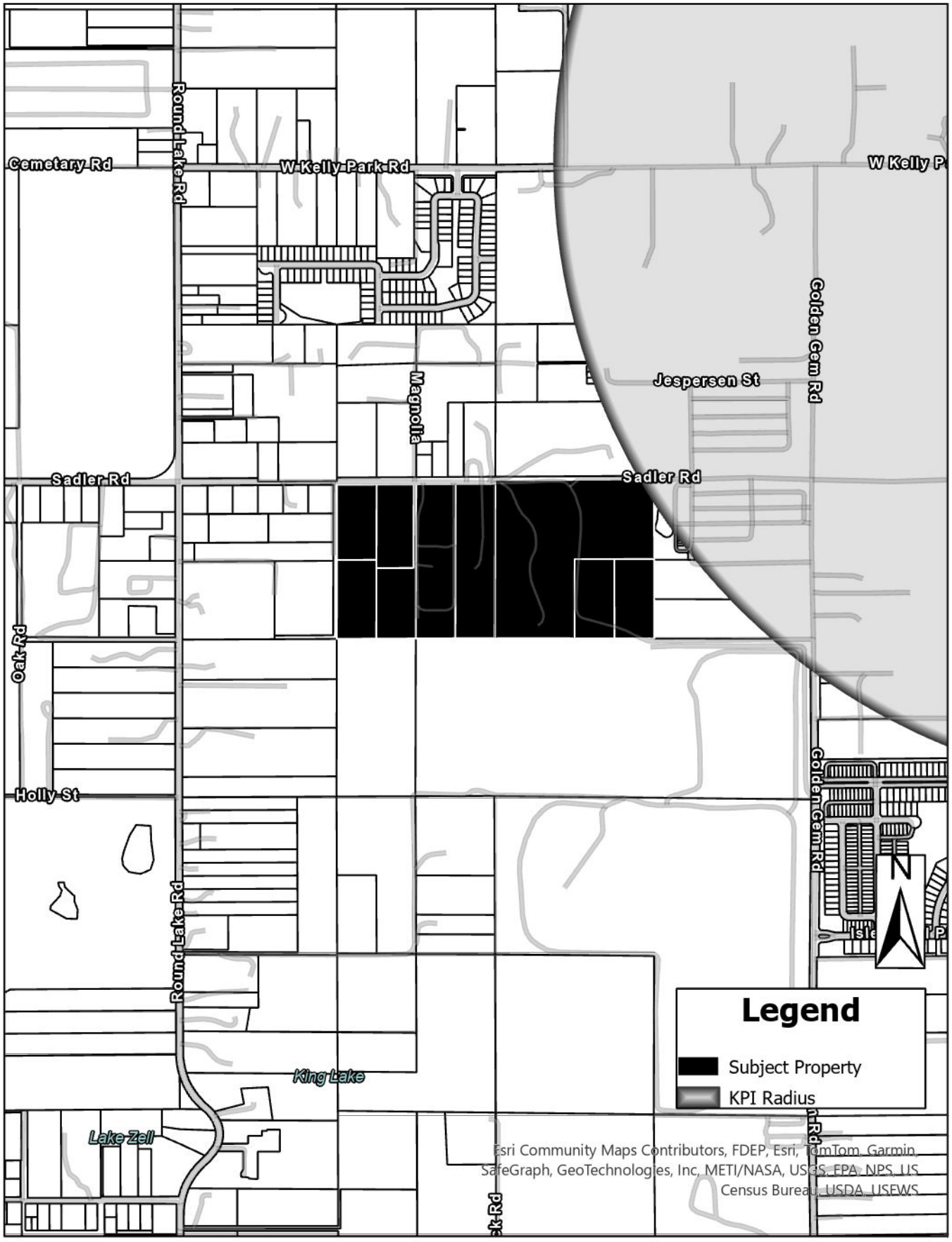
DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: 1" = 750'
PROJECT: BZR-010
SHEET: EX. 2

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

Vicinity


Cemetary Rd
W Kelly Park Rd
Round Lake Rd
Magnolia
Jespersen St
Golden Gem Rd
Sadler Rd
Oak Rd
Holly St
King Lake
Lake Zell
N
Legend
Subject Property
KPI Radius
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Aerial


Magnolia
Jespersen St
Sadler Rd
Round Lake Rd
N
Legend
Subject Property
KPI Radius
State of Florida, Maxar, Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Future Land Use



Zoning


Cemetary Rd
W Kelly Park Rd
W Kelly P
Round Lake Rd
Golden Gem Rd
Jespersen St
Magnolia
Sadler Rd
Sadler Rd
Oak Rd
Holly St
Round Lake Rd
Golden Gem Rd
King Lake
Lake Zell
N
Legend
Subject Property
KPI Radius
Apopka Zoning
(AG) - Agriculture
(MU-N) - KPI - Neighborhood
(MU-T) - KPI -Transition
(MU-VC) - KPI - Village Center
(T) - Transitional
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

OVERALL SITE DATA:

OCPA - PARCEL ID #s:	**14-20-27-0000-00-030, 14-20-27-0000-00-070, 14-20-27-0000-00-068, 14-20-27-0000-00-029, 14-20-27-0000-00-035, 14-20-27-0000-00-075, 14-20-27-0000-00-064, 14-20-27-0000-00-017, 14-20-27-0000-00-065**
TOTAL PROPERTY AREA:	**79.95 Ac.**
DEDICATED RIGHT-OF-WAY AREA	**0.78 Ac.**
FPC POWER EASEMENT	**3.28 Ac.**
TOTAL RESIDENTIAL DEVELOPABLE AREA	**75.89 Ac.**
FEMA FLOOD INSURANCR RATE MAP FLOOD ZONE: (FIRM PANEL #12017901251H DATED SEPT. 24, 2021)	**X**
EXISTING FUTURE LAND USE (FLU):	**R (COUNTY)**
PROPOSED FUTURE LAND USE (FLU):	**MU (CITY)**
ADJACENT FUTURE LANE USE (FLU):	
NORTH	**R (COUNTY)**
SOUTH	**R (COUNTY)**
EAST	**MU (CITY)**
WEST	**R (COUNTY)**
EXISTING ZONING:	**A-1 (COUNTY)**
REQUESTED OVERLAY ZONING/CHARACTER ZONES:	**NEIGHBORHOOD OVERLAY DISTRICT**
PROPOSED ZONING:	**MU-N (CITY)**
ADJACENT ZONING:	
NORTH	**A-1 (COUNTY)**
SOUTH	**A-1 (COUNTY)**
EAST	**MU-N (CITY), MU-T (CITY)**
WEST	**A-1 (COUNTY), R-CE (COUNTY)**
PROPOSED NUMBER OF DWELLING UNITS:	**280 LOTS**
PROPOSED NET DENSITY:	**3.69 DU/Ac.**

PROPOSED MINIMUM LOT REQUIREMENTS

	REAR-LOADED	FRONT LOADED
MINIMUM LOT AREA	**3,740 SF**	**7,150 SF**
MINIMUM LOT WIDTH	**34 ft.**	**55 ft.**
MINIMUM LOT DEPTH	**110 ft.**	**130 ft.**
MAXIMUM BUILDING HEIGHT	**35 ft. (2-story)**	**35 ft. (2-story)**
SETBACKS		
FRONT PORCH	**10 ft. min.**	**10 ft. min.**
FRONT/STREET SIDE	**15 ft. min.**	**25 ft. min./15 ft. min.**
REAR	**5 ft. min.**	**20 ft. min.**
SIDE	**5 ft. min.**	**5 ft. min.**
FRONT GARAGE	**N/A**	**25 ft. min./30 ft. max.**
REAR GARAGE	**20 ft. min.**	**N/A**

TRACT DATA

TRACT	DESCRIPTION	AREA (AC)	AREA (SF)	OWNER
TRACT 'A'	10' WALL AND LANDSCAPE BUFFER	0.25 AC	10,988 SF	H.O.A.
TRACT 'B'	LANDSCAPE ISLAND	0.04 AC	1,819 SF	H.O.A.
TRACT 'C'	PUBLIC RIGHT-OF-WAY	13.61 AC	592,995 SF	CITY
TRACT 'D'	10' LANDSCAPE BUFFER	0.04 AC	1,538 SF	H.O.A.
TRACT 'E'	OPEN SPACE	0.10 AC	4,456 SF	H.O.A.
TRACT 'F'	25' LANDSCAPE BUFFER	0.27 AC	11,753 SF	H.O.A.
TRACT 'G'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'H'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'I'	25' LANDSCAPE BUFFER	0.43 AC	18,719 SF	H.O.A.
TRACT 'J'	OPEN SPACE	0.09 AC	3,799 SF	H.O.A.
TRACT 'K'	OPEN SPACE	0.09 AC	3,766 SF	H.O.A.
TRACT 'L'	OPEN SPACE	0.09 AC	3,777 SF	H.O.A.
TRACT 'M'	OPEN SPACE	0.09 AC	3,786 SF	H.O.A.
TRACT N'	OPEN SPACE/FPC POWER EASEMENT	0.65 AC	28,410 SF	H.O.A.
TRACT 'O'	OPEN SPACE	0.45 AC	19,814 SF	H.O.A.
TRACT 'P	OPEN SPACE	0.19 AC	8,278 SF	H.O.A.
TRACT 'Q'	OPEN SPACE	0.09 AC	3,750 SF	H.O.A.
TRACT 'R'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.
TRACT 'S'	OPEN SPACE	0.24 AC	10,614 SF	H.O.A.
TRACT 'T'	STORMWATER POND 2	4.63 AC	201,712 SF	H.O.A.
TRACT 'U'	OPEN SPACE/FPC POWER EASEMENT	2.64 AC	114,932 SF	H.O.A.
TRACT 'V'	LIFT STATION	0.04 AC	1,950 SF	CITY
TRACT 'W'	STORMWATER POND 1	14.77 AC	643,281 SF	H.O.A.
TRACY 'X'	AMENITY	1.00 AC	43,648 SF	H.O.A.
TRACT 'Y'	TRAFFIC ISLAND	0.00 AC	68 SF	H.O.A.
TRACT 'Z'	10' WALL AND LANDSCAPE BUFFER	0.15 AC	6,558 SF	H.O.A.
TRACT 'AA'	10' WALL AND LANDSCAPE BUFFER	0.14 AC	6,043 SF	H.O.A.
TRACT 'BB'	RIGHT-OF-WAY DEDICATION	0.92 AC	39,894 SF	CITY
TRACT 'CC'	10' WALL AND LANDSCAPE BUFFER	0.03 AC	1,500 SF	H.O.A.
TRACT 'DD'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'EE'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'FF'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'GG'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'HH'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'II'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'JJ'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'KK'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'LL'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.

DEVELOPMENT PROGRAM

34' DETACHED REAR-LOADED	178 LOTS
55' DETACHED FRONT-LOADED	102 LOTS
TOTAL	280 LOTS
DENSITY	3.69 DU/ACRE

OPEN SPACE TABLE

OPEN SPACE REQUIRED (20%)	15.18 AC	20.00%
PROPOSED OPEN SPACE		
AMENITY	1.00 AC	1.32%
OPEN SPACE	4.86 AC	6.41%
LANDSCAPE BUFFER	1.41 AC	1.86%
STORMWATER POND (75% MAX)	11.38 AC	15.00%
TOTAL	18.66 AC	24.59%

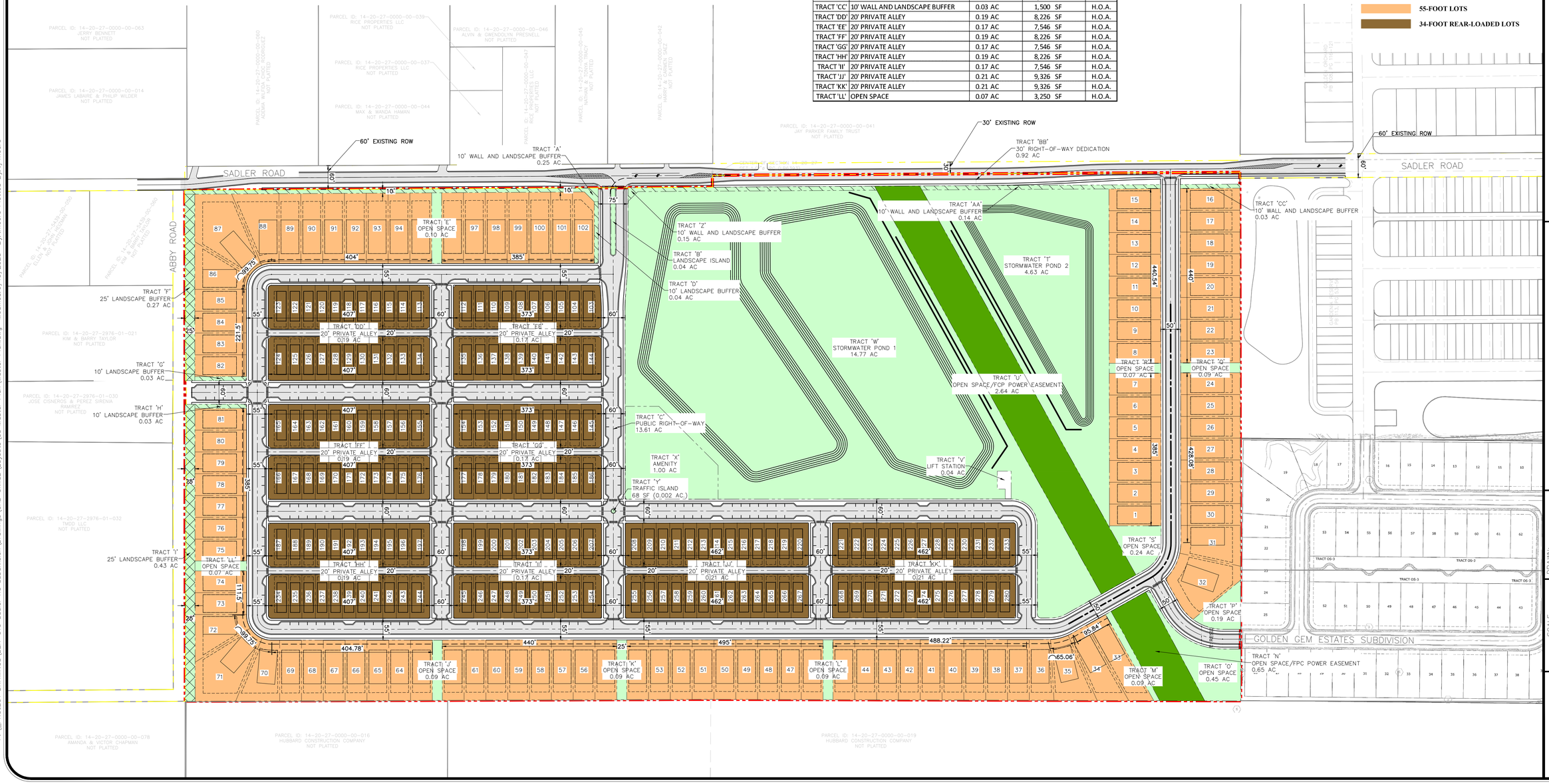
GRAPHIC SCALE

120 0 60 120 240

(IN FEET)
1 inch = 120 ft.

LEGEND

- PROPERTY BOUNDARY
- ROW LINE
- LOT LINES
- 25' LANDSCAPE BUFFER
- 10' WALL / LANDSCAPE BUFFER
- OPEN SPACE
- OPEN SPACE - POWER EASEMENT
- 55-FOOT LOTS
- 34-FOOT REAR-LOADED LOTS



1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

BY	DESCRIPTION	REV.	DATE

KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN:	T.MOORE
DESIGNED:	T. MOORE
CHECKED:	L. CLASSON
DATE:	9/19/2025
SCALE	1" = 120'
PROJECT	BZR-010
SHEET	C1.0

9/19/25

P:\...PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By: tmoore Plotted By: tj moore

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By:tmoore Plotted By:tj moore

A. Design Standards (1)

1. LOT CRITERIA (based on KPI Neighborhood Design Criteria):

Description	Single-Family Detached 34' Lots (Rear-Loaded)	Single-Family Detached 55' Lot (Front-Loaded)
Front Porch Setback (2)	10'	15'
Front Facade Setback	15' min.	25' min.
Rear Setback (3)	5' min.	20' min.
Side Setback	5'	5'
Corner/Side Street Setback	15'	15'
Garage Front Setback	N/A	30' min.
Garage Rear Setback	20' min.	N/A
Min. Average Lot Area	3,740 SF	7,150 SF
Min. Lot Width	34'	55'
Min. Lot Depth	110'	130'
Max. Lot Coverage	75%	75%
Max. Building Height	35'/2 Stories	35'/2 Stories
Min. Living Area	1, 500 SF	1, 600 SF
Building foundation 18" above c/l of ROW	Keep at grade level	

(1) See Master Plan sheet for depiction of conceptual typical site plans.
(2) Front porch requirements and setback as allowed per Kelly Park Interchange (KPI) Form-Based Code Section J.1 and K.2(g)(v).
(3) Swimming pools and other structures allowed to encroach within rear setback per KPI Table 10.2.4.B of the Apopka Code.

B. Architectural, Buildings, and Accessory Structures

1. Architectural design shall meet the intent of City of Apopka Kelly Park Interchange Form-Base Code or unless otherwise stated.
2. All lots shall have detached single-family homes.
3. Each individual single-family home shall have a minimum of two (2) bedrooms.
4. All front-loaded lots shall have minimum two (2) car garage.
5. All rear-loaded lots shall have a minimum one (1) car garage.
6. Mail delivery for all lots within Chandler Hills shall occur at cluster mailbox units. Approval from the Postmaster of the location shall be submitted prior to approval of the Construction Site Plan.
7. AC condenser units & similar equipment shall be placed in the side or rear yard area. Units & similar equipment shall be placed with a minimum three (3) feet setback from side property line. Units shall be screened from side streets with landscaping or opaque fencing.
8. Storage sheds or similar storage facilities shall not be allowed.
9. Swimming pools shall be allowed on all front-loaded lots.
10. Swimming pools shall not be allowed on rear-loaded lots.
11. Architectural Design Standards:
    a) Architectural styles shall be determined prior to Construction Site Plan approval, and these shall

meet the intent of to the City of Apopka's Kelly Park Interchange Form-Based Code except as noted on these Development Standards. Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from architectural rendering must be approved by City Council.
    b) Front facade materials such as cultured stone veneer, stucco, wood plank, and fiber cement siding may be utilized to be consistent with the applicable Architectural Style.
    c) Minimum roof pitch over the main house and garage shall be 5/12. Roof pitch over porches shall be a minimum of 4/12.
    d) Thirty-year asphalt shingle shall be installed on all roofs. Three-tab shingles are prohibited. The shingle color shall compliment the color scheme of the house.
    e) Aluminum and vinyl fascia and soffit shall be standard for all houses. Fascia and soffit color shall compliment the color scheme of the house.
    f) Trim around windows and doors shall be painted a different color from the body of the house. Doors may be painted either the same as the trim or separate accent color.
    g) Concrete or pavers shall be installed in rear yard driveways, lead walks, porches, and porticos.
12. Front Building Entrance Elevation Design Standards:
    a) Front building entrance shall feature a minimum four (4) feet deep (per Kelly Park Interchange Form-Base Code Section J.4 Figure 16) porches & porticos flush or projecting beyond front wall or similar feature. Porches shall be a minimum width of eight (8) feet and a minimum clear height of eight (8) feet.
    b) Front garages shall be attached and recessed from the primary façade (not including porches, bays, or other minor projections) by a minimum of four (4) feet.
    c) Garage frontage shall be limited to 52%. Frontage is determined by garage door width.
    d) Front porches and porticos may be at grade level.
    e) Should any home's front elevation comprise less than the required 10% of windows, the front door shall be predominantly made of glass.
    f) Identical model plan type shall not be constructed on neighboring lots who share a side yard property boundary line or are directly across the street without a different elevation type.
    g) Identical exterior paint schemes shall not be applied on neighboring lots who share a side yard property boundary line or are directly across the street.
    h) Specific elevations style types shall have similar wall finishes, window grid patterns, window banding & trim, roof lines and slopes, etc. Applied to each lot width model plan type front elevations.
    i) Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from exterior elevations must be approved by City Council.
13. Individual Lot Front & Rear Yard Fencing Standards:
    a) Maximum height of a fence shall be six (6) feet above final grade or six (6) inches less than the community common wall height, whichever is less. No fence shall exceed the height of an abutting common area wall.
    b) Fencing at rear yards of rear alley loaded lots shall be setback a minimum two (2) feet from the alley and driveway edges.
    c) Fencing at street corner lot side yards shall adhere to LDC Section 5.5.

C. Utilities and Infrastructure

1. Potable water service shall be provided by the City of Apopka. The water system shall be designed to City of Apopka standards.
2. Reclaimed water service shall be provided by the City of Apopka. The reclaimed water system shall be designed to City of Apopka standards.
3. Stormwater management system shall be designed to comply with the design standards of the City of Apopka and the St. Johns River Water Management District.
4. A final drainage report and soils report will be submitted with the Construction Site Plan.
5. Sanitary service shall be provided by the City of Apopka. The sanitary system shall be designed to City of Apopka standards.
6. Utility easements shall be dedicated to the City of Apopka.
7. Drainage easements to be dedicated to the Homeowners' Association unless otherwise required by the City of Apopka.
8. All stormwater and utility pipes may be moved to save existing trees in the right-of-way. Any change in the location of these pipes will be shown on the Construction Site Plan.
9. On-site streets are to be constructed per City of Apopka standards.
10. Stabilized access roadways and fire hydrants must be in place before building construction may begin.
11. Solid waste collection and public safety (police and fire) shall be provided by the City of Apopka.
12. The internal Street Type E (Neighborhood) right-of-way is to be public.
13. The internal Street Type F (Alley) right-of-way is to be private.
14. Five-foot (5') wide sidewalks are to be constructed adjacent to internal roads throughout the entire project in compliance with the City of Apopka Kelly Park Interchange Form-Base Code unless otherwise noted. Sidewalk alignment may be adjusted at Construction Site Plan to preserve existing trees.
15. Garages shall be accessed from the adjacent Street Type F (Alley) at the rear of the lot for all rear-loaded lots.
16. Power service within the development shall be underground. No overhead service will be allowed.
17. Vehicular, Pedestrian and Accent lighting shall substantially conform to the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e).
18. Lighting shall be required for safety and security in accordance with Sec. 5-6-2.A.3.

D. Recreation and Open Space

1. Required project open space shall be a minimum of 20% of the developed site area in accordance with City of Apopka Kelly Park Interchange Form-Base Code per Section Q Table 13.
2. Required project recreation shall be provided at a rate of 3.6 acres per 1,000 population with 2.6 population per dwelling unit.

E. Buffers and Landscaping

1. A ten-foot (10') buffer will be provided along the northern property boundary. This tract shall be dedicated to and maintained by the H.O.A.
2. A 30'/15' ROW Dedication shall be made in favor of the City of Apopka along the northern property boundary adjacent to Sadler Road.
3. A 25' landscape buffer will be provided along the western property boundaries. This tract shall be dedicated to and maintained by the H.O.A.
4. The design of all buffer tracts shall follow the City of Apopka Kelly Park Interchange Form-Base Code Section M. Landscaping & Hardscape Plans shall be provided at Construction Site Plan.
5. Entrance feature and community sign details will be provided with the Construction Site Plan.
6. Final landscape plans for the buffer areas along the proposed main entrance at Sadler Road shall be provided with the Construction Site Plan.
7. Tree Planting Conditions. Minimum of two (2) new trees shall be planted per residential lot. The new trees shall be a minimum of three (3) inches DBH at the time of planting and shall count toward the overall number of required tree replacement inches, if any.
8. Trees within the Street Type E (Neighborhood) shall be medium canopy trees at forty (40) feet minimum spacings, understory trees at twenty (20) feet minimum spacing per City of Apopka Kelly Park Interchange Form-Base Code Section P.3 Table 12.
9. Tree Protection Plan - The Construction Site Plan shall include tree protection techniques to prevent harm to any trees designate to be preserved or encroachment into protected natural areas, including but not limited to tree barricades, silt fencing or other similar techniques accepted by the City Engineer.

F. Maintenance and Plat

1. Sadler Assemblage Homeowners' Association shall maintain common areas including all fences/walls and landscaping within said common areas.
2. The Construction Site Plan shall include the plat document, and the plat shall be in final form.
3. The City of Apopka shall be responsible for maintenance of Street Type E (Neighborhood), on-street parallel parking spaces, street lighting, stormwater collection systems and utilities (potable water main, reclaimed water main, force main, etc.) within the public rights-of-way of the Sadler Assemblage.

G. Wetlands and Environmental

1. There are no wetland areas within the site.
2. According to the flood insurance rate map no. 12095C0125 H dated September 24, 2021, The land and the improvement as shown on ALTA survey are not within a 100-year flood hazard zone. The land is in "X".
3. An erosion control plan will be submitted with the Construction Site Plan.
4. Tree removal, tree replacement, and landscaping shall comply with the City of Apopka Kelly Park Interchange Form-Base Code Section M.
5. Individual lot arbor/clearing permit is required prior to clearing or grading of any lot or issuance of building permit. Placement of the house shall preserve existing trees to the greatest extent practical. Plot plan for each lot shall illustrate tree locations as presented within the Construction Site Plan.

H. Development Condition Continuity

The MU-KPI Development Standards shall be printed within the MU-KPI Master Plan and the Construction Site Plan.

I. Signage

Signage shall comply with the City of Apopka Kelly Park Interchange Form-Base Code.

J. Lighting

1. Lighting shall comply with the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e). Street and parking area or pedestrian path light poles shall be decorative type. Details will be provided with the Construction Site Plan.

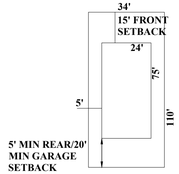
K. Garbage Pickup

1. Garbage of rear-loaded single-family units shall be picked up at the adjacent Street Type F (Alley) along the rear of the lots.

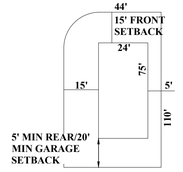
L. Miscellaneous

1. Any existing septic tanks or wells shall be properly abandoned prior to earthwork or construction. Permits shall be applied for and issued by the appropriate agencies.
2. All acreages are subject to change with Construction Site Plan and Preliminary Plat review and approval.
3. Outdoor storage areas (boats, trailers, recreational vehicles, etc.) are not provided within the development and will be prohibited through the H.O.A. documents.
4. All lots with rear alley access shall have uniform address numbers on the front and rear facades of the residence.

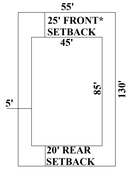
TYPICAL 34' LOT SIZE/PROPOSED BUILDING PAD



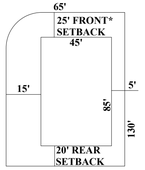
44' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



TYPICAL 55' LOT SIZE/PROPOSED BUILDING PAD



65' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



*** 30' MIN. GARAGE SETBACK**

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

REV.	DATE	DESCRIPTION	BY

DEVELOPMENT STANDARDS
KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: N.T.S.
PROJECT: BZR-010
SHEET: C2.0

9/19/25

W KELLY PARK ROAD

SADLER ROAD

ROUND LAKE ROAD

ABBY ROAD

PROPOSED SADLER RD SUBDIVISION

GREENSHADE GROVE AVE

GOLDEN GEM RD

N

W E

S

GRAPHIC SCALE

250 0 125 250 500

(IN FEET)
1 inch = 250 ft.

LEGEND

- PROPERTY BOUNDARY - THE RESERVE AT KELLY PARK
- KELLY PARK INTERCHANGE FORM-BASE CODE 1-MILE RADIUS
- EXISTING RIGHT-OF-WAY
- STREET TYPE A (GATEWAY FROM HIGHWAY)
- STREET TYPE B (VILLAGE CENTER ACCESS STREET)
- STREET TYPE C (VILLAGE CENTER INTERIOR STREETS)
- STREET TYPE D (TRANSITION AREAS OPTION 1 & 2)
- STREET TYPE E (NEIGHBORHOOD)
- STREET TYPE F (ALLEY)

REV.	DATE	DESCRIPTION	BY

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN –
STREET HIERARCHY EXHIBIT

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

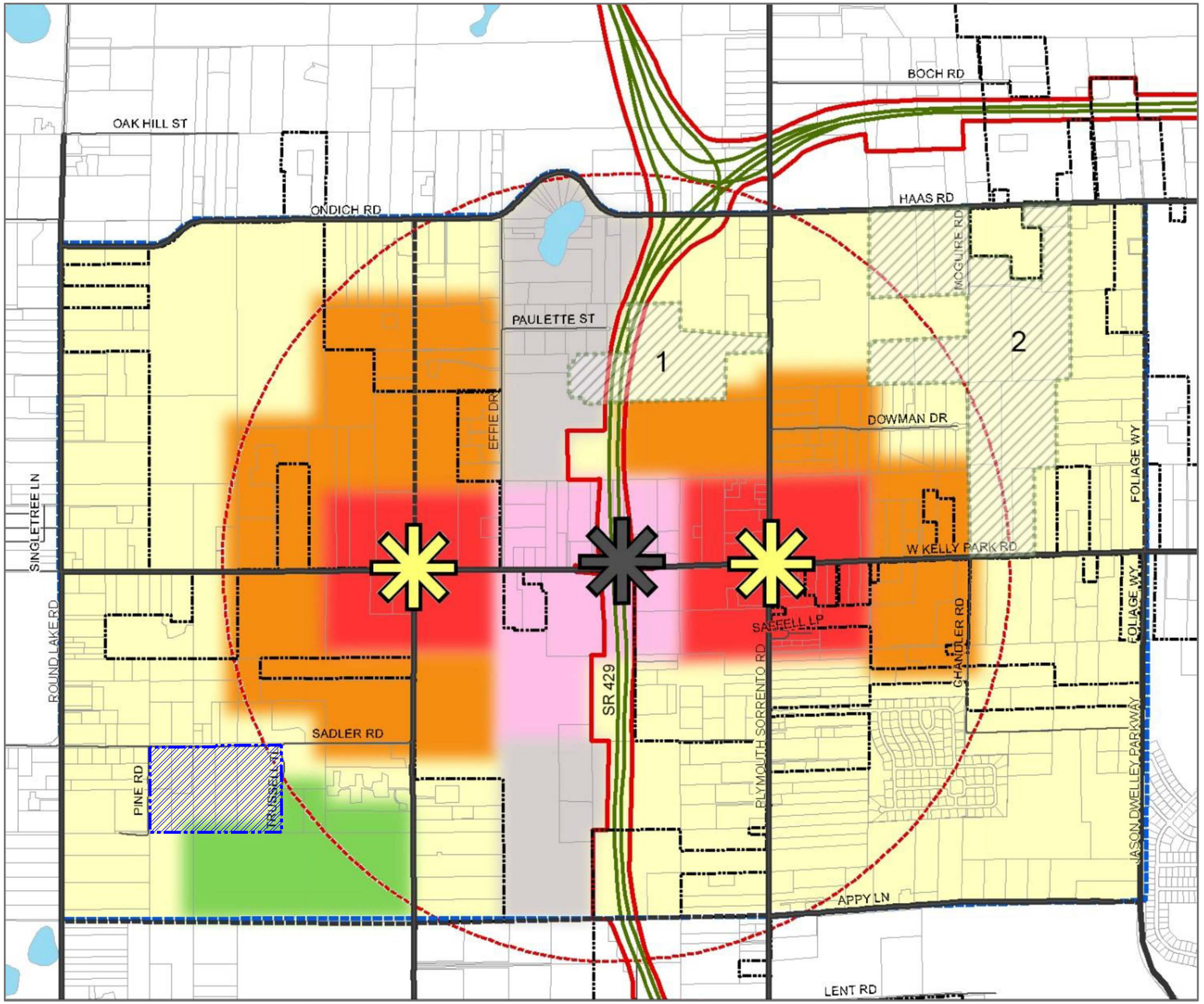
DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: 1" = 250'
PROJECT: BZR-010
SHEET: EX. 1

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

Figure 2: Wekiva Parkway Interchange Vision Plan/Kelly Park Interchange Regulating Plan



Note: The City boundaries depicted in this graphics may change overtime.

N
W E
S

GRAPHIC SCALE
750 0 375 750 1500
(IN FEET)
1 inch = 750 ft.

Legend:

Design Districts
- Village Center
- Employment
- Interchange
- Transition
- Neighborhood
- Recreation

- Interchange Study Area Boundary
- City of Apopka Boundary
- Existing Roads
- 1 Mile Radius
- Interchange
- Activity Nodes
- SADLER RD ASSEMBLAGE

BY | DESCRIPTION | REV. | DATE

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN –
WEKIVA VISION PLAN OVERLAY

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

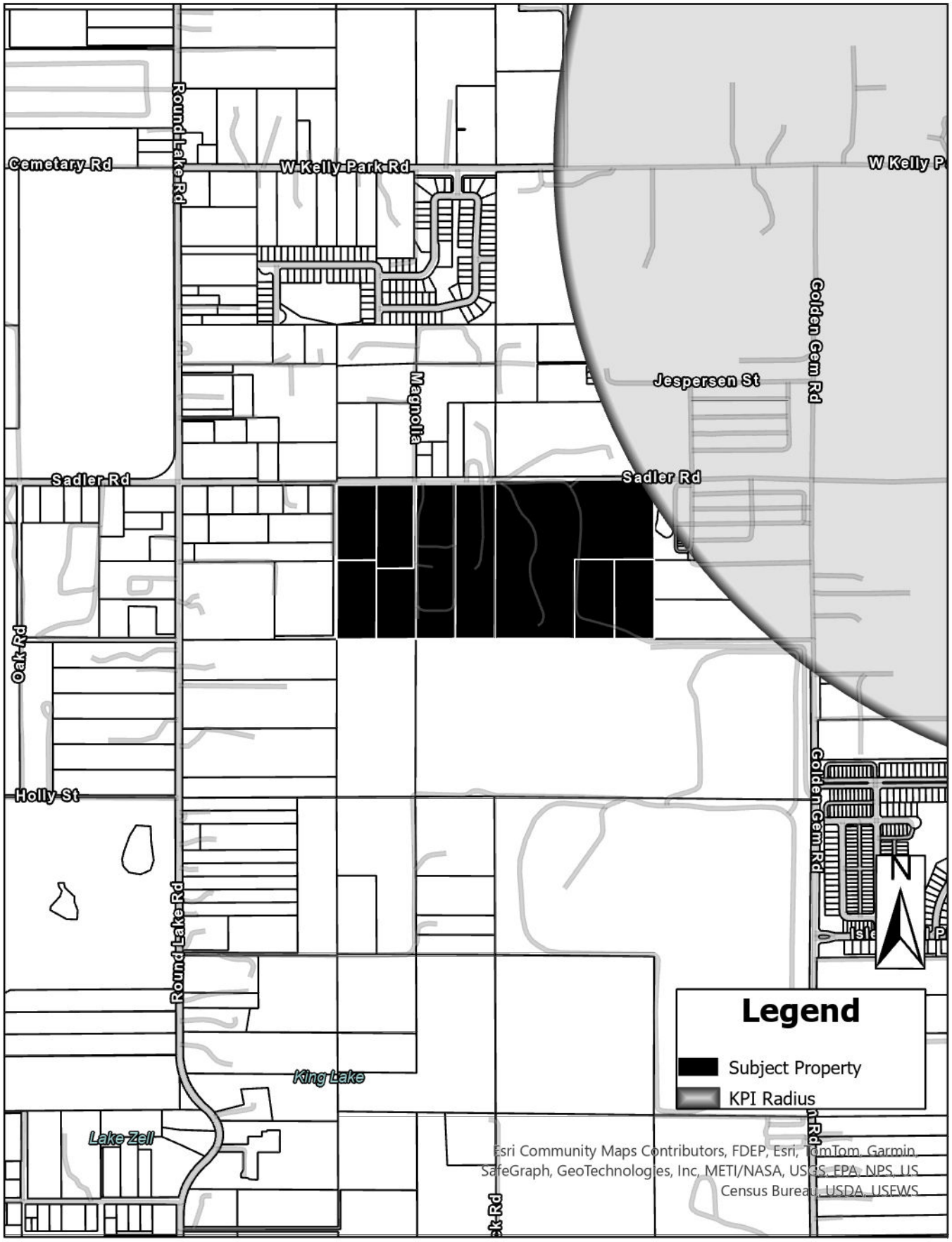
DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE 1" = 750'
PROJECT BZR-010
SHEET EX. 2

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

Vicinity


Cemetary Rd
W Kelly Park Rd
W Kelly P
Round Lake Rd
Golden Gem Rd
Jespersen St
Magnolia
Sadler Rd
Sadler Rd
Oak Rd
Holly St
Golden Gem Rd
Round Lake Rd
N
Legend
Subject Property
KPI Radius
King Lake
Lake Zell
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Aerial


Magnolia
Jespersen St
Sadler Rd
Round Lake Rd
N
Legend
Subject Property
KPI Radius
State of Florida, Maxar, Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Future Land Use



Zoning


Cemetary Rd
Round Lake Rd
W Kelly Park Rd
W Kelly P
Golden Gem Rd
Jespersen St
Magnolia
Sadler Rd
Sadler Rd
Oak Rd
Holly St
Round Lake Rd
Golden Gem Rd
King Lake
Lake Zell
N
Legend
Subject Property
KPI Radius
Apopka Zoning
(AG) - Agriculture
(MU-N) - KPI - Neighborhood
(MU-T) - KPI -Transition
(MU-VC) - KPI - Village Center
(T) - Transitional
Esri Community Maps Contributors, FDEP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

OVERALL SITE DATA:

OCPA - PARCEL ID #s:	**14-20-27-0000-00-030, 14-20-27-0000-00-070 14-20-27-0000-00-068, 14-20-27-0000-00-029 14-20-27-0000-00-035, 14-20-27-0000-00-075 14-20-27-0000-00-064, 14-20-27-0000-00-017 14-20-27-0000-00-065**
TOTAL PROPERTY AREA:	**79.95 Ac.**
DEDICATED RIGHT-OF-WAY AREA	**0.78 Ac.**
FPC POWER EASEMENT	**3.28 Ac.**
TOTAL RESIDENTIAL DEVELOPABLE AREA	**75.89 Ac.**
FEMA FLOOD INSURANCR RATE MAP FLOOD ZONE: FIRM PANEL #12017901251H DATED SEPT. 24, 2021	**X**
EXISTING FUTURE LAND USE (FLU):	**R (COUNTY)**
PROPOSED FUTURE LAND USE (FLU):	**MU (CITY)**
ADJACENT FUTURE LANE USE (FLU):	
NORTH	**R (COUNTY)**
SOUTH	**R (COUNTY)**
EAST	**MU (CITY)**
WEST	**R (COUNTY)**

EXISTING ZONING:	**A-1 (COUNTY)**
REQUESTED OVERLAY ZONING/CHARACTER ZONES:	**NEIGHBORHOOD OVERLAY DISTRICT**
PROPOSED ZONING:	**MU-N (CITY)**
ADJACENT ZONING:	
NORTH	**A-1 (COUNTY)**
SOUTH	**A-1 (COUNTY)**
EAST	**MU-N (CITY), MU-T (CITY)**
WEST	**A-1 (COUNTY), R-CE (COUNTY)**
PROPOSED NUMBER OF DWELLING UNITS:	**280 LOTS**
PROPOSED NET DENSITY:	**3.69 DU/Ac.**

PROPOSED MINIMUM LOT REQUIREMENTS

	REAR-LOADED	**FRONT LOADED**
MINIMUM LOT AREA	**3,740 SF**	**7,150 SF**
MINIMUM LOT WIDTH	**34 ft.**	**55 ft.**
MINIMUM LOT DEPTH	**110 ft.**	**130 ft.**
MAXIMUM BUILDING HEIGHT	**35 ft. (2-story)**	**35 ft. (2-story)**
SETBACKS		
FRONT PORCH	**10 ft. min.**	**10 ft. min.**
FRONT/STREET SIDE	**15 ft. min.**	**25 ft. min./15 ft. min.**
REAR	**5 ft. min.**	**20 ft. min.**
SIDE	**5 ft. min.**	**5 ft. min.**
FRONT GARAGE	**N/A**	**25 ft. min./30 ft. max.**
REAR GARAGE	**20 ft. min.**	**N/A**

TRACT DATA

TRACT	DESCRIPTION	AREA (AC)	AREA (SF)	OWNER
TRACT 'A'	10' WALL AND LANDSCAPE BUFFER	0.25 AC	10,988 SF	H.O.A.
TRACT 'B'	LANDSCAPE ISLAND	0.04 AC	1,819 SF	H.O.A.
TRACT 'C'	PUBLIC RIGHT-OF-WAY	13.61 AC	592,995 SF	CITY
TRACT 'D'	10' LANDSCAPE BUFFER	0.04 AC	1,538 SF	H.O.A.
TRACT 'E'	OPEN SPACE	0.10 AC	4,456 SF	H.O.A.
TRACT 'F'	25' LANDSCAPE BUFFER	0.27 AC	11,753 SF	H.O.A.
TRACT 'G'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'H'	10' LANDSCAPE BUFFER	0.03 AC	1,285 SF	H.O.A.
TRACT 'I'	25' LANDSCAPE BUFFER	0.43 AC	18,719 SF	H.O.A.
TRACT 'J'	OPEN SPACE	0.09 AC	3,799 SF	H.O.A.
TRACT 'K'	OPEN SPACE	0.09 AC	3,766 SF	H.O.A.
TRACT 'L'	OPEN SPACE	0.09 AC	3,777 SF	H.O.A.
TRACT 'M'	OPEN SPACE	0.09 AC	3,786 SF	H.O.A.
TRACT N'	OPEN SPACE/FPC POWER EASEMENT	0.65 AC	28,410 SF	H.O.A.
TRACT 'O'	OPEN SPACE	0.45 AC	19,814 SF	H.O.A.
TRACT 'P	OPEN SPACE	0.19 AC	8,278 SF	H.O.A.
TRACT 'Q'	OPEN SPACE	0.09 AC	3,750 SF	H.O.A.
TRACT 'R'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.
TRACT 'S'	OPEN SPACE	0.24 AC	10,614 SF	H.O.A.
TRACT 'T'	STORMWATER POND 2	4.63 AC	201,712 SF	H.O.A.
TRACT 'U'	OPEN SPACE/FPC POWER EASEMENT	2.64 AC	114,932 SF	H.O.A.
TRACT 'V'	LIFT STATION	0.04 AC	1,950 SF	CITY
TRACT 'W'	STORMWATER POND 1	14.77 AC	643,281 SF	H.O.A.
TRACY 'X'	AMENITY	1.00 AC	43,648 SF	H.O.A.
TRACT 'Y'	TRAFFIC ISLAND	0.00 AC	68 SF	H.O.A.
TRACT 'Z'	10' WALL AND LANDSCAPE BUFFER	0.15 AC	6,558 SF	H.O.A.
TRACT 'AA'	10' WALL AND LANDSCAPE BUFFER	0.14 AC	6,043 SF	H.O.A.
TRACT 'BB'	RIGHT-OF-WAY DEDICATION	0.92 AC	39,894 SF	CITY
TRACT 'CC'	10' WALL AND LANDSCAPE BUFFER	0.03 AC	1,500 SF	H.O.A.
TRACT 'DD'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'EE'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'FF'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'GG'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'HH'	20' PRIVATE ALLEY	0.19 AC	8,226 SF	H.O.A.
TRACT 'II'	20' PRIVATE ALLEY	0.17 AC	7,546 SF	H.O.A.
TRACT 'JJ'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'KK'	20' PRIVATE ALLEY	0.21 AC	9,326 SF	H.O.A.
TRACT 'LL'	OPEN SPACE	0.07 AC	3,250 SF	H.O.A.

DEVELOPMENT PROGRAM

34' DETACHED REAR-LOADED	178 LOTS
55' DETACHED FRONT-LOADED	102 LOTS
TOTAL	280 LOTS
DENSITY	3.69 DU/ACRE

OPEN SPACE TABLE

OPEN SPACE REQUIRED (20%)	15.18 AC	20.00%
PROPOSED OPEN SPACE		
AMENITY	1.00 AC	1.32%
OPEN SPACE	4.86 AC	6.41%
LANDSCAPE BUFFER	1.41 AC	1.86%
STORMWATER POND (75% MAX)	11.38 AC	15.00%
TOTAL	18.66 AC	24.59%

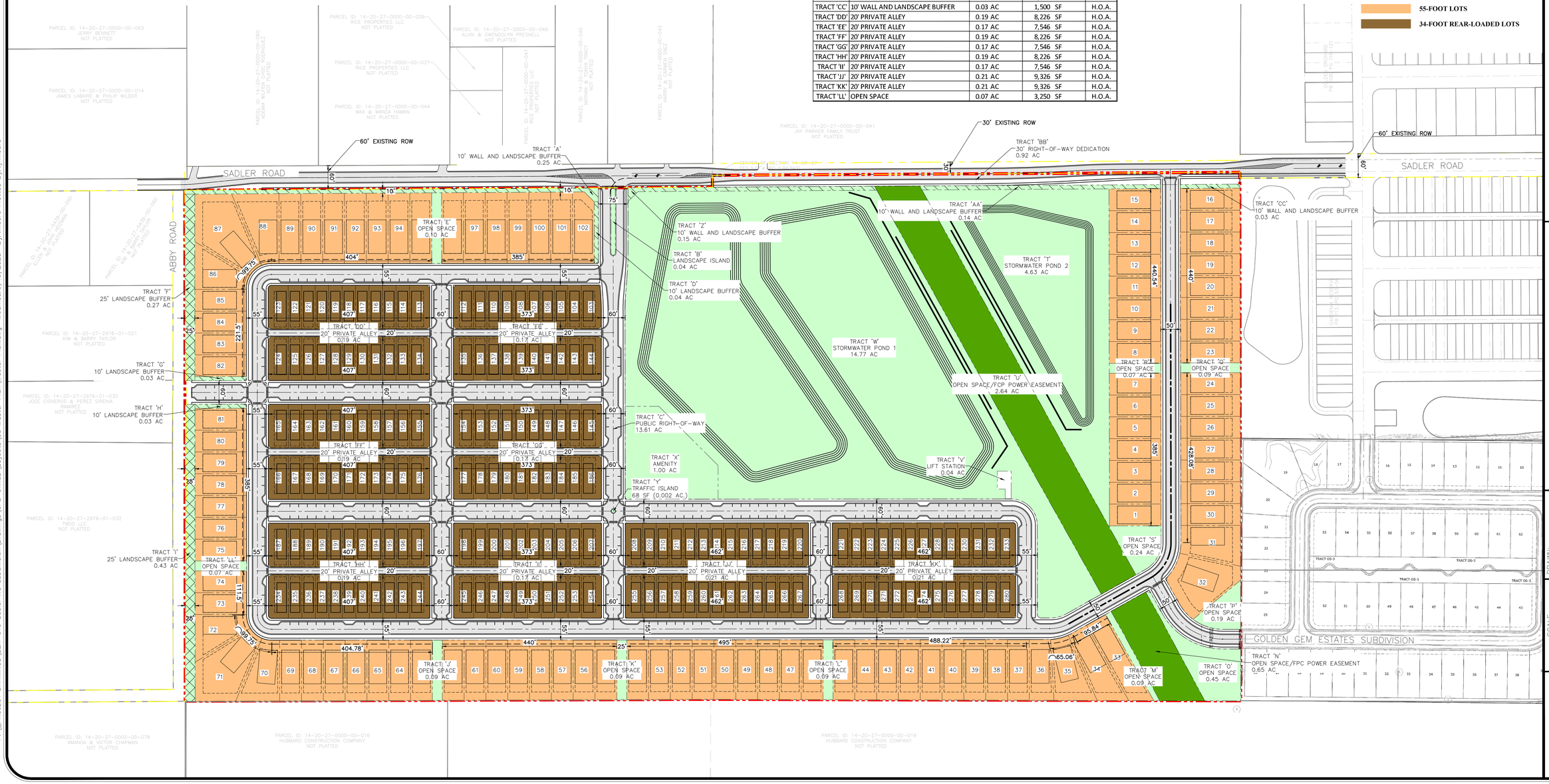
GRAPHIC SCALE

120 0 60 120 240

(IN FEET)
1 inch = 120 ft.

LEGEND

- PROPERTY BOUNDARY
- ROW LINE
- LOT LINES
- 25' LANDSCAPE BUFFER
- 10' WALL / LANDSCAPE BUFFER
- OPEN SPACE
- OPEN SPACE - POWER EASEMENT
- 55-FOOT LOTS
- 34-FOOT REAR-LOADED LOTS



1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

BY	DESCRIPTION	REV.	DATE

KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN:	T.MOORE
DESIGNED:	T. MOORE
CHECKED:	L. CLASSON
DATE:	9/19/2025
SCALE	1" = 120'
PROJECT	BZR-010
SHEET	C1.0

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By:tmoore Plotted By:tj moore

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Master Plan.dwg Modified: 9/19/2025 By:tmoore Plotted By:tj moore

SADLER ASSEMBLAGE MASTER PLAN DEVELOPMENT STANDARDS

A. Design Standards (1)

1. LOT CRITERIA (based on KPI Neighborhood Design Criteria):

Description	Single-Family Detached 34' Lots (Rear-Loaded)	Single-Family Detached 55' Lot (Front-Loaded)
Front Porch Setback (2)	10'	15'
Front Facade Setback	15' min.	25' min.
Rear Setback (3)	5' min.	20' min.
Side Setback	5'	5'
Corner/Side Street Setback	15'	15'
Garage Front Setback	N/A	30' min.
Garage Rear Setback	20' min.	N/A
Min. Average Lot Area	3,740 SF	7,150 SF
Min. Lot Width	34'	55'
Min. Lot Depth	110'	130'
Max. Lot Coverage	75%	75%
Max. Building Height	35'/2 Stories	35'/2 Stories
Min. Living Area	1, 500 SF	1, 600 SF
Building foundation 18" above c/l of ROW	Keep at grade level	

(1) See Master Plan sheet for depiction of conceptual typical site plans.
(2) Front porch requirements and setback as allowed per Kelly Park Interchange (KPI) Form-Based Code Section J.1 and K.2(g)(v).
(3) Swimming pools and other structures allowed to encroach within rear setback per KPI Table 10.2.4.B of the Apopka Code.

B. Architectural, Buildings, and Accessory Structures

1. Architectural design shall meet the intent of City of Apopka Kelly Park Interchange Form-Base Code or unless otherwise stated.
2. All lots shall have detached single-family homes.
3. Each individual single-family home shall have a minimum of two (2) bedrooms.
4. All front-loaded lots shall have minimum two (2) car garage.
5. All rear-loaded lots shall have a minimum one (1) car garage.
6. Mail delivery for all lots within Chandler Hills shall occur at cluster mailbox units. Approval from the Postmaster of the location shall be submitted prior to approval of the Construction Site Plan.
7. AC condenser units & similar equipment shall be placed in the side or rear yard area. Units & similar equipment shall be placed with a minimum three (3) feet setback from side property line. Units shall be screened from side streets with landscaping or opaque fencing.
8. Storage sheds or similar storage facilities shall not be allowed.
9. Swimming pools shall be allowed on all front-loaded lots.
10. Swimming pools shall not be allowed on rear-loaded lots.
11. Architectural Design Standards:
    a) Architectural styles shall be determined prior to Construction Site Plan approval, and these shall

SADLER ASSEMBLAGE MASTER PLAN DEVELOPMENT STANDARDS

meet the intent of to the City of Apopka's Kelly Park Interchange Form-Based Code except as noted on these Development Standards. Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from architectural rendering must be approved by City Council.
    b) Front facade materials such as cultured stone veneer, stucco, wood plank, and fiber cement siding may be utilized to be consistent with the applicable Architectural Style.
    c) Minimum roof pitch over the main house and garage shall be 5/12. Roof pitch over porches shall be a minimum of 4/12.
    d) Thirty-year asphalt shingle shall be installed on all roofs. Three-tab shingles are prohibited. The shingle color shall compliment the color scheme of the house.
    e) Aluminum and vinyl fascia and soffit shall be standard for all houses. Fascia and soffit color shall compliment the color scheme of the house.
    f) Trim around windows and doors shall be painted a different color from the body of the house. Doors may be painted either the same as the trim or separate accent color.
    g) Concrete or pavers shall be installed in rear yard driveways, lead walks, porches, and porticos.
12. Front Building Entrance Elevation Design Standards:
    a) Front building entrance shall feature a minimum four (4) feet deep (per Kelly Park Interchange Form-Base Code Section J.4 Figure 16) porches & porticos flush or projecting beyond front wall or similar feature. Porches shall be a minimum width of eight (8) feet and a minimum clear height of eight (8) feet.
    b) Front garages shall be attached and recessed from the primary façade (not including porches, bays, or other minor projections) by a minimum of four (4) feet.
    c) Garage frontage shall be limited to 52%. Frontage is determined by garage door width.
    d) Front porches and porticos may be at grade level.
    e) Should any home's front elevation comprise less than the required 10% of windows, the front door shall be predominantly made of glass.
    f) Identical model plan type shall not be constructed on neighboring lots who share a side yard property boundary line or are directly across the street without a different elevation type.
    g) Identical exterior paint schemes shall not be applied on neighboring lots who share a side yard property boundary line or are directly across the street.
    h) Specific elevations style types shall have similar wall finishes, window grid patterns, window banding & trim, roof lines and slopes, etc. Applied to each lot width model plan type front elevations.
    i) Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from exterior elevations must be approved by City Council.
13. Individual Lot Front & Rear Yard Fencing Standards:
    a) Maximum height of a fence shall be six (6) feet above final grade or six (6) inches less than the community common wall height, whichever is less. No fence shall exceed the height of an abutting common area wall.
    b) Fencing at rear yards of rear alley loaded lots shall be setback a minimum two (2) feet from the alley and driveway edges.
    c) Fencing at street corner lot side yards shall adhere to LDC Section 5.5.

C. Utilities and Infrastructure

SADLER ASSEMBLAGE MASTER PLAN DEVELOPMENT STANDARDS

1. Potable water service shall be provided by the City of Apopka. The water system shall be designed to City of Apopka standards.
2. Reclaimed water service shall be provided by the City of Apopka. The reclaimed water system shall be designed to City of Apopka standards.
3. Stormwater management system shall be designed to comply with the design standards of the City of Apopka and the St. Johns River Water Management District.
4. A final drainage report and soils report will be submitted with the Construction Site Plan.
5. Sanitary service shall be provided by the City of Apopka. The sanitary system shall be designed to City of Apopka standards.
6. Utility easements shall be dedicated to the City of Apopka.
7. Drainage easements to be dedicated to the Homeowners' Association unless otherwise required by the City of Apopka.
8. All stormwater and utility pipes may be moved to save existing trees in the right-of-way. Any change in the location of these pipes will be shown on the Construction Site Plan.
9. On-site streets are to be constructed per City of Apopka standards.
10. Stabilized access roadways and fire hydrants must be in place before building construction may begin.
11. Solid waste collection and public safety (police and fire) shall be provided by the City of Apopka.
12. The internal Street Type E (Neighborhood) right-of-way is to be public.
13. The internal Street Type F (Alley) right-of-way is to be private.
14. Five-foot (5') wide sidewalks are to be constructed adjacent to internal roads throughout the entire project in compliance with the City of Apopka Kelly Park Interchange Form-Base Code unless otherwise noted. Sidewalk alignment may be adjusted at Construction Site Plan to preserve existing trees.
15. Garages shall be accessed from the adjacent Street Type F (Alley) at the rear of the lot for all rear-loaded lots.
16. Power service within the development shall be underground. No overhead service will be allowed.
17. Vehicular, Pedestrian and Accent lighting shall substantially conform to the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e).
18. Lighting shall be required for safety and security in accordance with Sec. 5-6-2.A.3.

D. Recreation and Open Space

1. Required project open space shall be a minimum of 20% of the developed site area in accordance with City of Apopka Kelly Park Interchange Form-Base Code per Section Q Table 13.
2. Required project recreation shall be provided at a rate of 3.6 acres per 1,000 population with 2.6 population per dwelling unit.

SADLER ASSEMBLAGE MASTER PLAN DEVELOPMENT STANDARDS

E. Buffers and Landscaping

1. A ten-foot (10') buffer will be provided along the northern property boundary. This tract shall be dedicated to and maintained by the H.O.A.
2. A 30'/15' ROW Dedication shall be made in favor of the City of Apopka along the northern property boundary adjacent to Sadler Road.
3. A 25' landscape buffer will be provided along the western property boundaries. This tract shall be dedicated to and maintained by the H.O.A.
4. The design of all buffer tracts shall follow the City of Apopka Kelly Park Interchange Form-Base Code Section M. Landscaping & Hardscape Plans shall be provided at Construction Site Plan.
5. Entrance feature and community sign details will be provided with the Construction Site Plan.
6. Final landscape plans for the buffer areas along the proposed main entrance at Sadler Road shall be provided with the Construction Site Plan.
7. Tree Planting Conditions. Minimum of two (2) new trees shall be planted per residential lot. The new trees shall be a minimum of three (3) inches DBH at the time of planting and shall count toward the overall number of required tree replacement inches, if any.
8. Trees within the Street Type E (Neighborhood) shall be medium canopy trees at forty (40) feet minimum spacings, understory trees at twenty (20) feet minimum spacing per City of Apopka Kelly Park Interchange Form-Base Code Section P.3 Table 12.
9. Tree Protection Plan - The Construction Site Plan shall include tree protection techniques to prevent harm to any trees designate to be preserved or encroachment into protected natural areas, including but not limited to tree barricades, silt fencing or other similar techniques accepted by the City Engineer.

F. Maintenance and Plat

1. Sadler Assemblage Homeowners' Association shall maintain common areas including all fences/walls and landscaping within said common areas.
2. The Construction Site Plan shall include the plat document, and the plat shall be in final form.
3. The City of Apopka shall be responsible for maintenance of Street Type E (Neighborhood), on-street parallel parking spaces, street lighting, stormwater collection systems and utilities (potable water main, reclaimed water main, force main, etc.) within the public rights-of-way of the Sadler Assemblage.

G. Wetlands and Environmental

1. There are no wetland areas within the site.
2. According to the flood insurance rate map no. 12095C0125 H dated September 24, 2021, The land and the improvement as shown on ALTA survey are not within a 100-year flood hazard zone. The land is in "X".
3. An erosion control plan will be submitted with the Construction Site Plan.
4. Tree removal, tree replacement, and landscaping shall comply with the City of Apopka Kelly Park Interchange Form-Base Code Section M.
5. Individual lot arbor/clearing permit is required prior to clearing or grading of any lot or issuance of building permit. Placement of the house shall preserve existing trees to the greatest extent practical. Plot plan for each lot shall illustrate tree locations as presented within the Construction Site Plan.

SADLER ASSEMBLAGE MASTER PLAN DEVELOPMENT STANDARDS

H. Development Condition Continuity

The MU-KPI Development Standards shall be printed within the MU-KPI Master Plan and the Construction Site Plan.

I. Signage

Signage shall comply with the City of Apopka Kelly Park Interchange Form-Base Code.

J. Lighting

1. Lighting shall comply with the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e). Street and parking area or pedestrian path light poles shall be decorative type. Details will be provided with the Construction Site Plan.

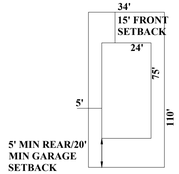
K. Garbage Pickup

1. Garbage of rear-loaded single-family units shall be picked up at the adjacent Street Type F (Alley) along the rear of the lots.

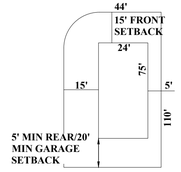
L. Miscellaneous

1. Any existing septic tanks or wells shall be properly abandoned prior to earthwork or construction. Permits shall be applied for and issued by the appropriate agencies.
2. All acreages are subject to change with Construction Site Plan and Preliminary Plat review and approval.
3. Outdoor storage areas (boats, trailers, recreational vehicles, etc.) are not provided within the development and will be prohibited through the H.O.A. documents.
4. All lots with rear alley access shall have uniform address numbers on the front and rear facades of the residence.

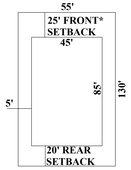
TYPICAL 34' LOT SIZE/PROPOSED BUILDING PAD



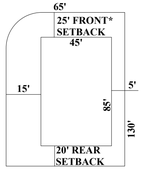
44' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



TYPICAL 55' LOT SIZE/PROPOSED BUILDING PAD



65' CORNER LOT SIZE/ BUILDING PAD FOR LOTS



*** 30' MIN. GARAGE SETBACK**

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

REV.	DATE	DESCRIPTION	BY

DEVELOPMENT STANDARDS
KPI MASTER PLAN

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: N.T.S.
PROJECT: BZR-010
SHEET: C2.0

9/19/25

W KELLY PARK ROAD

SADLER ROAD

ROUND LAKE ROAD

ABBY ROAD

PROPOSED SADLER RD SUBDIVISION

GREENSHADE GROVE AVE

GOLDEN GEM RD

N

W E

S

GRAPHIC SCALE

250 0 125 250 500

(IN FEET)
1 inch = 250 ft.

LEGEND

- PROPERTY BOUNDARY - THE RESERVE AT KELLY PARK
- KELLY PARK INTERCHANGE FORM-BASE CODE 1-MILE RADIUS
- EXISTING RIGHT-OF-WAY
- STREET TYPE A (GATEWAY FROM HIGHWAY)
- STREET TYPE B (VILLAGE CENTER ACCESS STREET)
- STREET TYPE C (VILLAGE CENTER INTERIOR STREETS)
- STREET TYPE D (TRANSITION AREAS OPTION 1 & 2)
- STREET TYPE E (NEIGHBORHOOD)
- STREET TYPE F (ALLEY)

REV.	DATE	DESCRIPTION	BY

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN –
STREET HIERARCHY EXHIBIT

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

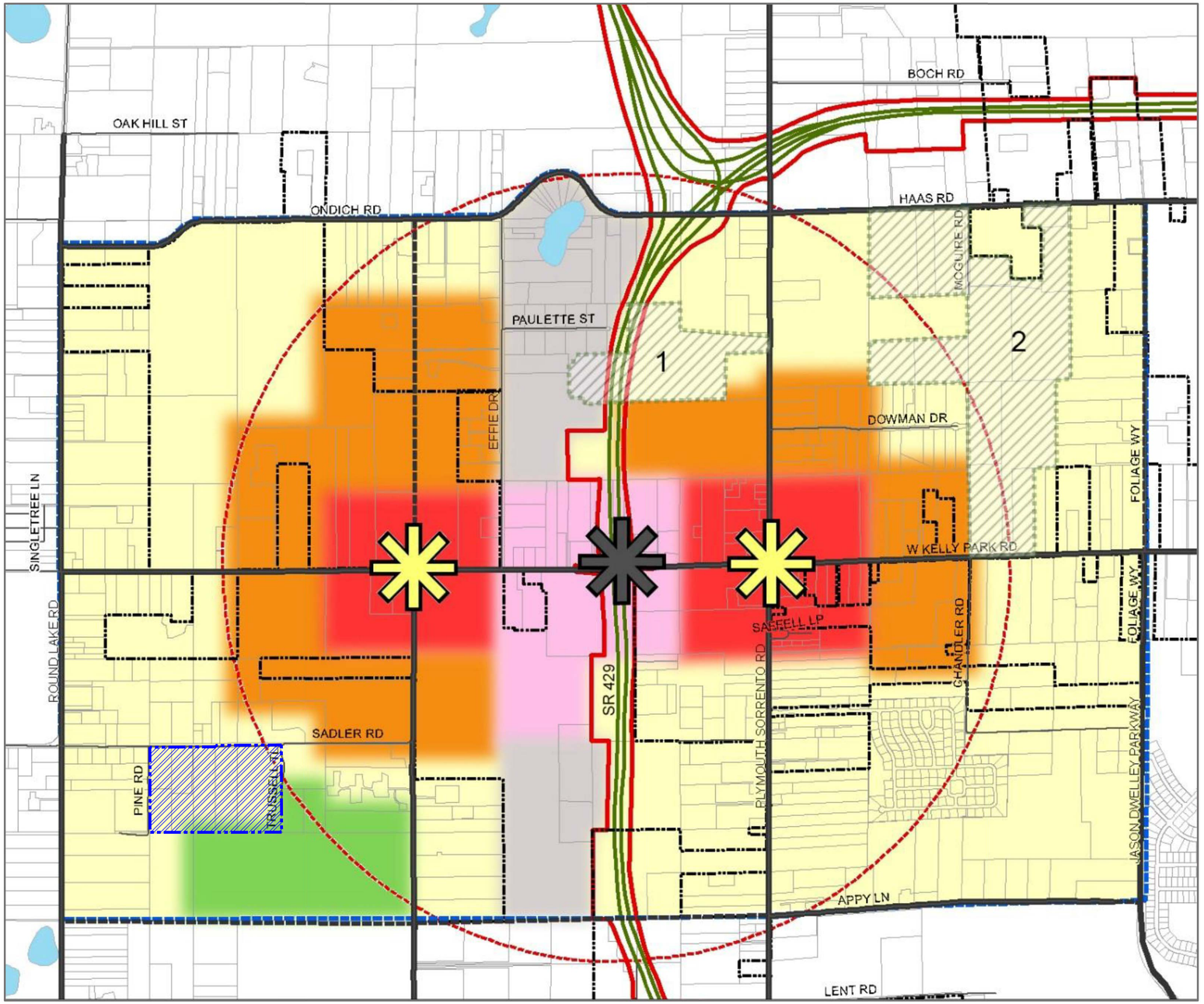
DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: 1" = 250'
PROJECT: BZR-010
SHEET: EX. 1

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

Figure 2: Wekiva Parkway Interchange Vision Plan/Kelly Park Interchange Regulating Plan



Note: The City boundaries depicted in this graphics may change overtime.

N
W E
S

GRAPHIC SCALE
750 0 375 750 1500
(IN FEET)
1 inch = 750 ft.

Legend:

Design Districts
- Village Center
- Employment
- Interchange
- Transition
- Neighborhood
- Recreation

- Interchange Study Area Boundary
- City of Apopka Boundary
- Existing Roads
- 1 Mile Radius
- Interchange
- Activity Nodes
- SADLER RD ASSEMBLAGE

BY | DESCRIPTION | REV. | DATE

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

KPI MASTER PLAN –
WEKIVA VISION PLAN OVERLAY

SADLER ROAD ASSEMBLAGE
CITY OF APOPKA, FLORIDA

DRAWN: T.MOORE
DESIGNED: T. MOORE
CHECKED: L. CLASSON
DATE: 9/19/2025

SCALE: 1" = 750'
PROJECT: BZR-010
SHEET: EX. 2

9/19/25

P:_PROJECT DRAWINGS\BZR-010 Sadler Rd Subdivision\Drawings\CAD Civil3D\Layouts\03 Master Plan\Street Hierarchy Exhibit.dwg Modified:9/19/2025 By:tmoore Plotted By:tj moore

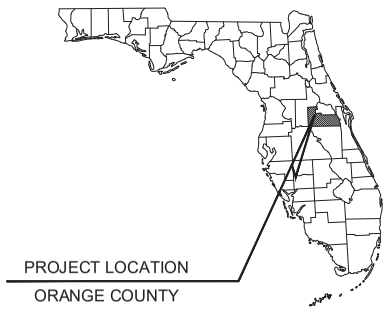
CONSTRUCTION PLANS

FOR

LOT 7 ACCESS ROADS

LOCATED AT

W KELLY PARK ROAD BETWEEN EFFIE DRIVE AND HW 429
APOPKA, FL 32712



PROJECT TEAM

OWNER
KELLY PARK VB DEVELOPMENT LLC
660 BEACHLAND BLVD, SUITE 301
VERO BEACH, FL 32963

SURVEYOR
GET TO THE POINT SURVEYING
34414 ALICANTE CT
SORRENTO, FL 32776
SBRAYGTTPSURVEY@GMAIL.COM
CONTACT: STEVE BRAY

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200
VERO BEACH, FL 32960
(772) 794-4100
CONTACT: MACKENZIE CERJAN, P.E.

LANDSCAPE ARCHITECT
KIMLEY-HORN AND ASSOCIATES, INC.
200 SOUTH ORANGE AVE, SUITE 600
ORLANDO, FL 32801
(407)247-8404
ED.LINQUIST@KIMLEY-HORN.COM
CONTACT: ED LINQUIST

GEOTECHNICAL CONSULTANT
S&ME
1615 EDGEWATER DRIVE SUITE 200
ORLANDO, FL 32804
(407) 652-0043
CONTACT: WILLIAM L. FOX, P.E.



VICINITY MAP
N.T.S.

Sheet List Table

Sheet Number	Sheet Title
C-000	COVER SHEET
C-100	GENERAL NOTES
C-200	DEMOLITION AND EROSION CONTROL PLAN
C-250	EROSION CONTROL DETAILS
C-300	SITE PLAN
C-310	FUTURE DRIVEWAY IMPROVEMENTS PLAN
C-400	PAVING, GRADING, AND DRAINAGE PLAN
C-410	ROADWAY PROFILE
C-420	DRAINAGE PROFILES
C-450	PAVING GRADING AND DRAINAGE DETAILS
C-500	UTILITY PLAN
C-520	UTILITY PROFILES
C-521	UTILITY PROFILES
C-550	UTILITY DETAILS
C-551	UTILITY DETAILS
C-700	PHASING PLAN
LS-1	LIFT STATION PLAN
LS-1.1	LIFT STATION DETAILS
L-100	LANDSCAPE PLAN
L-101	LANDSCAPE DETAILS
L-102	LANDSCAPE NOTES AND SPECIFICATIONS
L-200	IRRIGATION PLAN
L-201	IRRIGATION DETAILS

LIST OF CONTACTS

PLANNING AND ZONING
CITY OF APOPKA
120 E. MAIN ST, 2ND FLOOR
APOPKA, FL 32703
(407) 703-1684
CONTACT: JEAN SANCHEZ

STORMWATER
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
4049 REID STREET
PALATKA, FL 32177
(386) 329-4500

WATER AND SANITARY SEWER
CITY OF APOPKA PUBLIC SERVICES
748 E CLEVELAND ST
APOPKA, FL 32703
(407) 703-1627
CONTACT: VLADIMIR SIMONOVSKI

FIRE PREVENTION
CITY OF APOPKA FIRE DEPARTMENT
175 E 5TH ST
APOPKA, FL 32703
(407) 703-1754
CONTACT: JEREMY HOLDERFIELD

TRANSPORTATION
CITY OF APOPKA
120 E. MAIN ST, 2ND FLOOR
APOPKA, FL 32703
(407) 703-1627
CONTACT: VLADIMIR SIMONOVSKI

TELEPHONE PROVIDER
LUMEN (CENTURYLINK)
555 LAKE BORDER DR.
APOPKA, FL 32703
(407) 814-5310

CABLE PROVIDER
SPECTRUM
3301 E STATE RD 436
APOPKA, FL 32703
(407) 532-8509

NATURAL GAS PROVIDER
LAKE APOPKA NATURAL GAS
1320 WINTER GARDEN VINELAND RD
WINTER GARDEN, FL 34787
(407) 656-2734

ELECTRIC PROVIDER
DUKE ENERGY
RDT SUBDIVISIONS - APOPKA
P.O. BOX 14042
SAINT PETERSBURG, FL 33733
(321) 280-3534
CONTACT: KRISTIN CORDELL

RECLAIMED WATER
CITY OF APOPKA PUBLIC SERVICES
748 E CLEVELAND ST
APOPKA, FL 32703
(407) 703-1627
VSIMONOVSKI@APOPKA.NET
CONTACT: VLADIMIR SIMONOVSKI

PROJECT SCOPE:

THIS PROJECT INCLUDES THE DEVELOPMENT OF APPROXIMATELY 900 LF OF ACCESS ROADS (PUBLIC AND PRIVATE) TO SUPPORT A PORTION OF LOT 7 OF THE WYLD OAKS PLAT. THIS PROJECT IS PART OF THE LARGER DEVELOPMENT, WYLD OAKS (FKA KELLY PARK CROSSINGS). THIS APPLICATION, LOT 7 ACCESS ROADS, IS PART OF THE INTERCHANGE DISTRICT IDENTIFIED ON THE WYLD OAKS PROJECT.

SCREEN READER TECHNOLOGY TAG:

IF YOU REQUIRE FURTHER CLARIFICATION OF WHAT THIS DOCUMENT REPRESENTS, PLEASE CONTACT THE ADA COORDINATOR OF CITY OF APOPKA AT 407-703-1700.

PREPARED BY:

Kimley»Horn

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MRC
DRAWN BY MRM
CHECKED BY MRC

COVER SHEET

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER
C-000

Plotted By: DeAnnna Mclees Sheet Set: LOT 7 ACCESS ROAD Layout: C-000 COVER SHEET September 02, 2025 06:17:08pm K:\VRB_LDE\147864000 Kelly Park, Apopka FL\CAD_Admin\~Shah\CADD\Plan Sheet\VC-000 COVER SHEET.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER 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 COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY 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.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND TREE INVENTORY PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
16. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
17. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
18. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
19. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

RECORD DRAWINGS

1. CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 2 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2007 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERIC PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERIC PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

EROSION CONTROL NOTES (CONT.)

13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER THE STANDARD SPECIFICATIONS.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES, IF APPLICABLE, IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

TYPICAL ENGINEER OBSERVATIONS

CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:

- PRE-CONSTRUCTION MEETING
- SUBGRADE PREPARATION
- BASE INSTALLATION
- ASPHALT INSTALLATION
- UNDERGROUND PIPING AND UTILITIES INSTALLATION
- INSTALLATION OF STRUCTURES, DDCV, HYDRANTS, METERS, ETC.
- SIDEWALK INSTALLATION
- CONNECTIONS TO WATER AND SEWER MAINS
- TESTS OF UTILITIES

3RD PARTY TEST REPORTS REQ'D

TEST REPORTS REQUIRED FOR CLOSE OUT INCLUDE, BUT ARE NOT LIMITED TO:

- DENSITY TEST REPORTS
- BACTERIOLOGICAL TESTS OF WATER SYSTEM
- PRESSURE TEST OF WATER/SEWER
- LEAK TESTS ON SEWER SYSTEM AND GREASE TRAPS
- ANY OTHER TESTING REQUIRED BY THE AGENCY

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.

445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERIAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERIAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

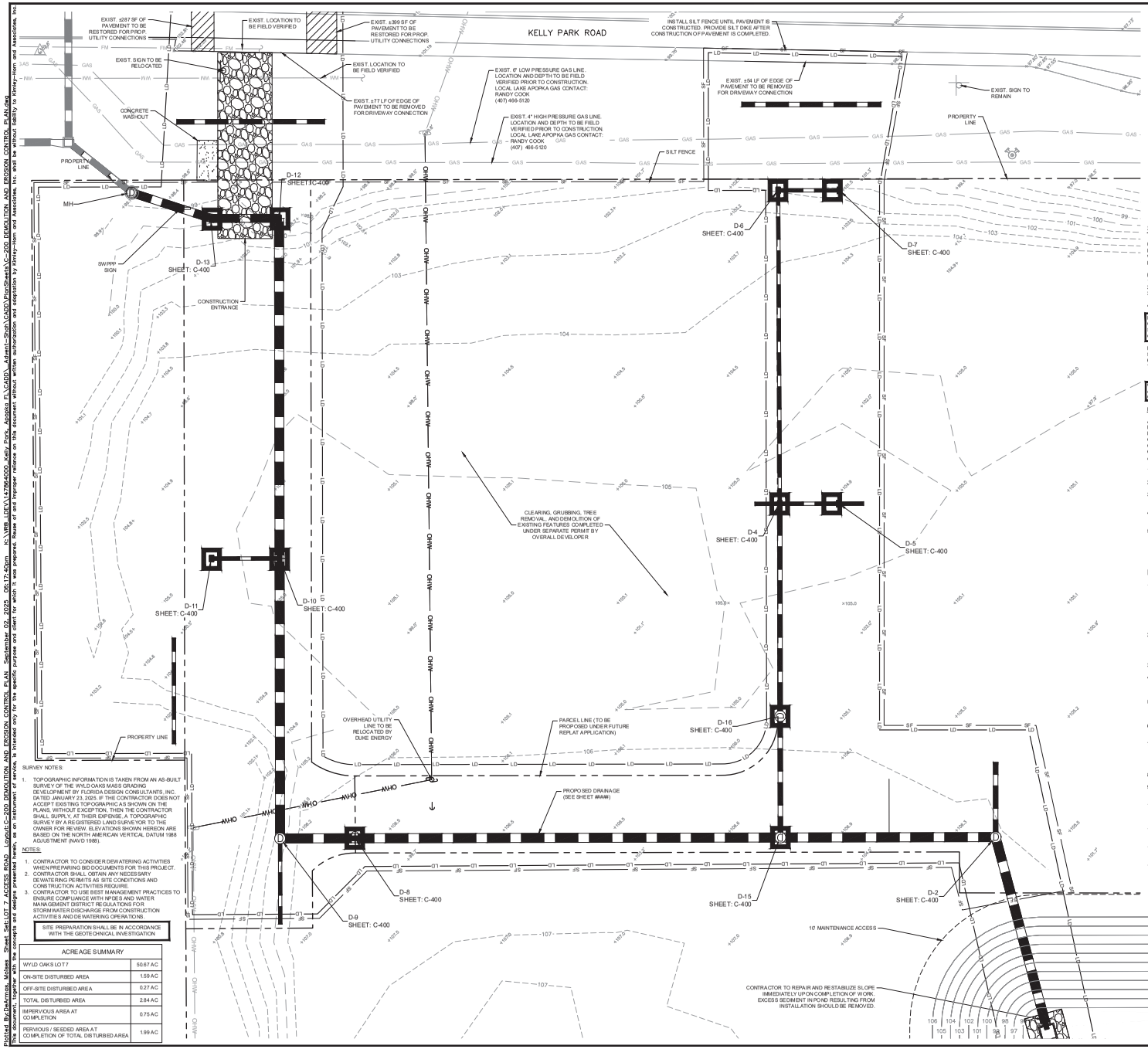
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

GENERAL NOTES

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER C-100

Plotted By: DeAnnna Mateo Sheet Set: LOT 7 ACCESS ROAD Layout: C-100 GENERAL NOTES September 02, 2025 06:17:15pm K:\ORB-LDEV\147864000_Kelly Park_Apopka FL\CADD_Advent-e-Shark\CADD\PlotSheets\C-100_GENERAL NOTES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.



SURVEY NOTES:

1. TOPOGRAPHIC INFORMATION IS TAKEN FROM AN AS-BUILT SURVEY OF THE WYLD OAKS MASS GRADING DEVELOPMENT BY FLORIDA DESIGN CONSULTANTS, INC. DATED JANUARY 23, 2025. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHIC AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 ADJUSTMENT (NAVD 1988).

NOTES:

1. CONTRACTOR TO CONSIDER DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
2. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
3. CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.

SITE PREPARATION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION

ACREAGE SUMMARY	
WYLD OAKS LOT 7	50.67 AC
ON-SITE DISTURBED AREA	1.59 AC
OFF-SITE DISTURBED AREA	0.27 AC
TOTAL DISTURBED AREA	2.84 AC
IMPERVIOUS AREA AT COMPLETION	0.75 AC
PERVIOUS / SEEDED AREA AT COMPLETION OF TOTAL DISTURBED AREA	1.99 AC

SEQUENCE OF CONSTRUCTION

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

PHASE 1:

1. CONSTRUCT STABILIZED CONSTRUCTION EXIT (1) AND INSTALL SILT FENCE.
2. INSTALL INLET PROTECTION AT EXISTING INLET(S).
3. INSTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES, CHECK DAMS, OUTLET TRAPS, RISER PIPE DISCHARGE POINT, ETC.)
4. PREPARE CLEARING AND GRUBBING OF THE SITE IF APPLICABLE.

HALT ALL ACTIVITIES AND CONTACT THE CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPS. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH CONSULTANT AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

PHASE 2:

5. ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
6. START CONSTRUCTION OF ROAD.
7. TEMPORARILY SEED WITH PURE LIVE SEED, THROUGHOUT CONSTRUCTION. DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE OR AS REQUIRED BY GENERIC PERMIT.

CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL DEWATERING PERMITS NECESSARY FOR CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.

DEMOLITION NOTES:

1. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS ENCOURAGED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THIS DEMOLITION PLAN.
2. THIS DEMOLITION PLAN IS BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.
3. CONTRACTOR IS REQUIRED TO OBTAIN ALL DEMOLITION PERMITS.
4. ALL FEATURES IDENTIFIED ON THIS PLAN WHICH ARE LISTED TO BE DEMOLISHED ARE TO BE REMOVED FROM THE SITE. AFTER DEMOLITION IS COMPLETE THE SITE SHALL BE DELIVERED IN A CONDITION SUITABLE FOR DEVELOPMENT.
5. CONTRACTOR SHALL LIMIT ALL DEMOLITION ACTIVITIES TO THOSE AREAS DELINEATED ON THE CONSTRUCTION DRAWINGS UNLESS OTHERWISE DIRECTED BY THE DEVELOPER OR AS REQUIRED FOR CONSTRUCTION OF IMPROVEMENTS.
6. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING WATER SPRINKLING OR OTHER SUITABLE MEANS OF CONTROL.
7. CONTRACTOR TO USE CARE IN HANDLING DEBRIS FROM SITE TO ENSURE THE SAFETY OF THE PUBLIC. HAUL ROUTE TO BE CLOSELY MONITORED FOR DEBRIS OR MATERIALS TRACKED ONTO ADJOINING ROADWAYS, SIDEWALKS, ETC. ROADWAYS AND WALKWAYS TO BE CLEANED DAILY OR AS NECESSARY TO MAINTAIN PUBLIC SAFETY.
8. DEWATERING SHOULD BE ANTICIPATED AND INCLUDED.
9. ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
10. WHERE REMAINING, INLETS, MANHOLE COVERS, AND VALVE COVERS TO BE PROTECTED IN PAVEMENT REMOVAL AREAS. CONTRACTOR SHALL REPLACE DAMAGED STRUCTURES AT THEIR EXPENSE.
11. CONTRACTOR SHALL INSTALL A CONTINUOUS SCREENED CONSTRUCTION FENCING ALONG PROJECT BOUNDARY.
12. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. AS APPROVED BY CITY OF APOPKA AND CONSTRUCTION MANAGER.
13. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF EXISTING FACILITIES AND CONSTRUCTION OF NEW FACILITIES. SIGNAGE SHALL BE POSTED TO DIRECT THE PUBLIC TO THE PATH OF TRAVEL.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.

445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

DEMOLITION AND EROSION CONTROL PLAN

LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC

APOPKA FL

SHEET NUMBER C-200

Plotted By: DeAnnmarie Meines Sheet Set: LOT 7 ACCESS ROAD Layout: C-200 DEMOLITION AND EROSION CONTROL PLAN September 02, 2025 - 06:17:40pm K:\ORL_LDE\147864000 Kelly Park, Apopka FL\CADD_Admin_Shpts\CADD\Plan Sheets\C-200 DEMOLITION AND EROSION CONTROL PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.

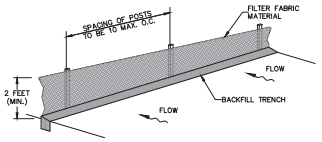
Section 1	Project Name and location information:	LOT 7 ACCESS ROADS W KELLY PARK ROAD BETWEEN GOLDEN GEM AND HW 429 APOPKA, FL 32712
Section 2	Describe the nature of the construction activity:	CONSTRUCTION OF INFRASTRUCTURE FOR LOT 7 ACCESS ROADS
Section 3	Describe the intended sequence of major soil disturbing activities:	CONSTRUCTION OF EROSION AND SEDIMENT CONTROLS, GRADING AND CONSTRUCTION OF STORM SEWER
Section 4	Total area of the site:	50.67 AC.
Section 5	Total area of the site to be disturbed:	1.59 AC.
Section 6	Existing data describing the soil or quality of any stormwater discharge from the site:	BASED ON THE SOIL SURVEY OF ORANGE COUNTY, FLORIDA, AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE (FORMERLY THE SOIL CONSERVATION SERVICE), THE PROPERTY IS UNDERLAIN BY BROAD AREAS OF SANDY SOILS IDENTIFIED AS VARIANTS OF 'CANDLER FINE SANDS'. THESE SANDY SOILS ARE COMMONLY FOUND ON KNOLLS AND RIDGES ON MARINE TERRACES. THESE SOILS REPORTEDLY ARE MODERATELY TO STEEPLY SLOPING AND EXCESSIVELY WELL DRAINED. DEPTHS TO GROUNDWATER ARE TYPICALLY MORE THAN 80 INCHES BELOW THE NATURAL GROUND SURFACE FOR MOST OF THE YEAR
Section 7	Estimate the drainage area size for each discharge point:	DISCHARGE POINT SW = 0.64 AC.
Section 8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	PROJECT LOCATION: LAT: 28°46'19" N LONG: 81°34'8" W RECEIVING WATER: STORMWATER POND SWM-2
Section 9	Give a detailed description of all controls, Best Management Practices (BMPs), and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with the performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, FDOT, FDEP, and any subsequent amendments.	
	SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION SITE. CURB INLET SEDIMENT CONTROL AND INLET INSERT SHALL BE INSTALLED ON CURB AND STORM INLETS	
Section 10	Describe all temporary and permanent stabilization practices. Stabilization practices include: temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.	
	THE PERIMETER SILT FENCE SHALL BE MAINTAINED AROUND THE ENTIRE PROJECT SITE UNTIL LANDSCAPE / STABILIZATION HAS BEEN INSTALLED.	
Section 11	Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.	
	SILT FENCE, CURB INLET, INLET INSERT, CONSTRUCTION EXIT, SILT DIKE	
Section 12	Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.	
	N/A	
Section 13	Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.	
	N/A - CONNECTING TO EXISTING POND	

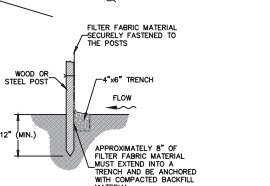
Section 14	Waste disposal, this may include construction debris, chemicals, liner, and sanitary wastes	All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.
Section 15	Offsite vehicle tracking from construction entrances/exits	Off site vehicle tracking of sediments and dust generation will be minimized via a rock construction entrance, street sweeping and the use of water to keep dust down.
Section 16	The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	Florida friendly fertilizers and pesticides will be used at a minimum and in accordance with the manufacturer's suggested application rates.
Section 17	The storage, application, generation and migration of all toxic substances:	All paints and other chemicals will be stored in a locked covered shed.
Section 18	Other:	Post-o-lets will be placed away from storm sewer systems, storm inlet(s), surface waters and wetlands. No vehicle maintenance shall be conducted on-site. A washdown area shall be designated at all times and will not be located in any area that will allow for the discharge of pollutedrunoff.
Section 19	Provide a detailed description of the maintenance plan for all structural and non-structural controls to ensure that they remain in good and effective operating condition.	
	Contractor shall provide routine maintenance of permanent and temporary sediment and erosion control features in accordance with the technical specifications or as follows, whichever is more stringent: • Silt fence shall be inspected at least weekly. Any required repairs shall be made immediately. Sediment deposits shall be removed when they reach approximately one-half the height of the barrier. • Maintenance shall be performed on the rock entrance when any void spaces are full of sediment. • Inlet(s)/outfalls shall be inspected immediately after each rain event and any required repairs to the filter inlets, silt fence, or filter fabric shall be performed immediately. • Bare areas of the site that were previously seeded shall be reseeded per manufacturers' instructions. • Mulch and sod that has been washed out shall be replaced immediately. • Maintain all other areas of the site with proper controls as necessary.	
Section 20	Inspections: Describe the inspection and inspection documentation procedures, as required by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	
	Qualified personnel will inspect all points of discharges, all disturbed areas of construction that have not been stabilized, constructed areas and locations where vehicles enter and exit the site, and all BMPs at least once every 7 calendar days and within 24 hours of the end of a rainfall event that is 0.5 inches or greater. Where sites have been finally stabilized, said inspections shall be conducted at least once every month until the Notice of Termination is filed.	
Section 21	Identify and describe all sources of non-stormwater discharges as allowed by the FDEP NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities.	
	N/A	
Section 22	All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following 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."	

Section 22	Name	Title	Company Name, Address and Phone Number	Date

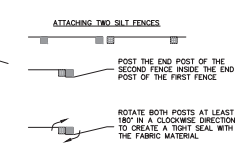
EROSION CONTROL NOTES

1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
6. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
7. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
14. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL" AND CITY PERMITS.
15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
17. THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
18. NOI TO BE POSTED ON SITE.

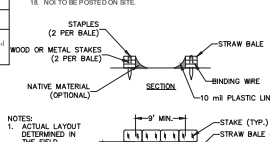


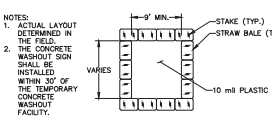


SILT FENCE INSTALLATION
N.T.S

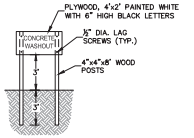


NOTES:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

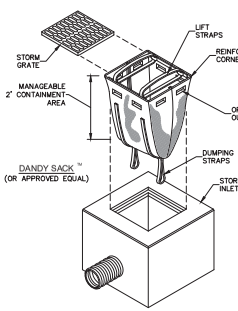




CONCRETE & STUCCO WASTE MANAGEMENT
N.T.S

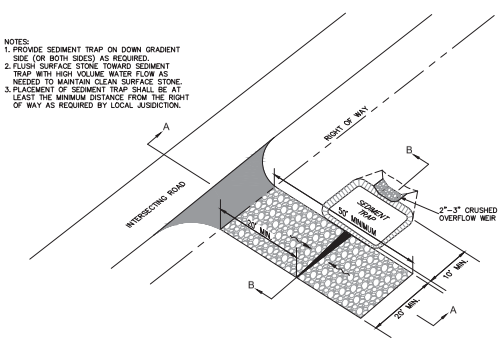




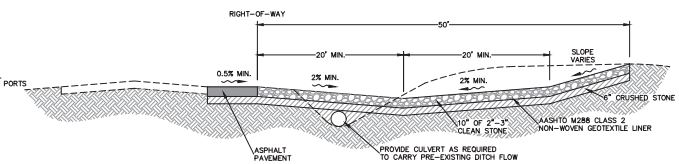


INLET INSERT
N.T.S

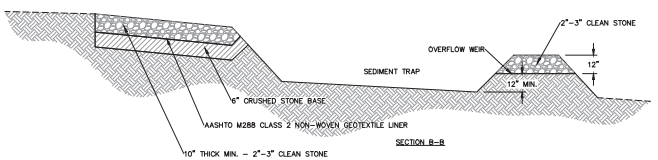
NOTES:
1. PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.
2. FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.
3. PLACEMENT OF SEDIMENT TRAP SHALL BE AT LEAST THE MINIMUM DISTANCE FROM THE RIGHT OF WAY AS REQUIRED BY LOCAL JUSTDICTION.



VIEW

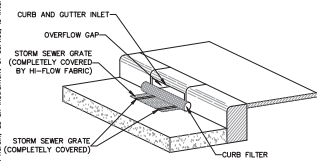


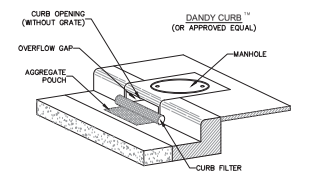
SECTION A-A



SECTION B-B

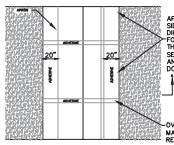
CONSTRUCTION EXIT
N.T.S



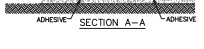


CURB INLET SEDIMENT CONTROL
N.T.S

NOTES:
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.
2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS.
ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.

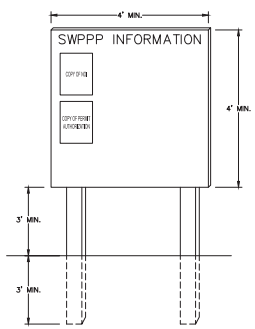


DIKE PLAN VIEW



SECTION A-A

SILT DIKE ON EXISTING PAVEMENT
N.T.S



SWPPP INFORMATION SIGN
N.T.S

NOTES:
1. "SWPPP INFORMATION" MUST BE DISPLAYED PROMINENTLY ACROSS THE TOP OF THE SIGN, AS SHOWN IN THE DETAIL.
2. SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD. SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).
3. THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE ENTRANCE/EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE/VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
4. ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
5. CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE LOCAL AGENCY.
6. SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
7. CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THIS SWPPP INFORMATION SIGN.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXITS																								
TEMPORARY CONTROL MEASURES																								
SEDIMENT CONTROL BASINS																								
STRIP & STOCKPILE TOPSOIL																								
ROUGH GRADE																								
STORM FACILITIES																								
SITE CONSTRUCTION																								
PERMANENT CONTROL STRUCTURES																								
FOUNDATION / BUILDING CONSTRUCTION																								
FINISH GRADING																								
LANDSCAPING/SEED/FINAL STABILIZATION																								

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

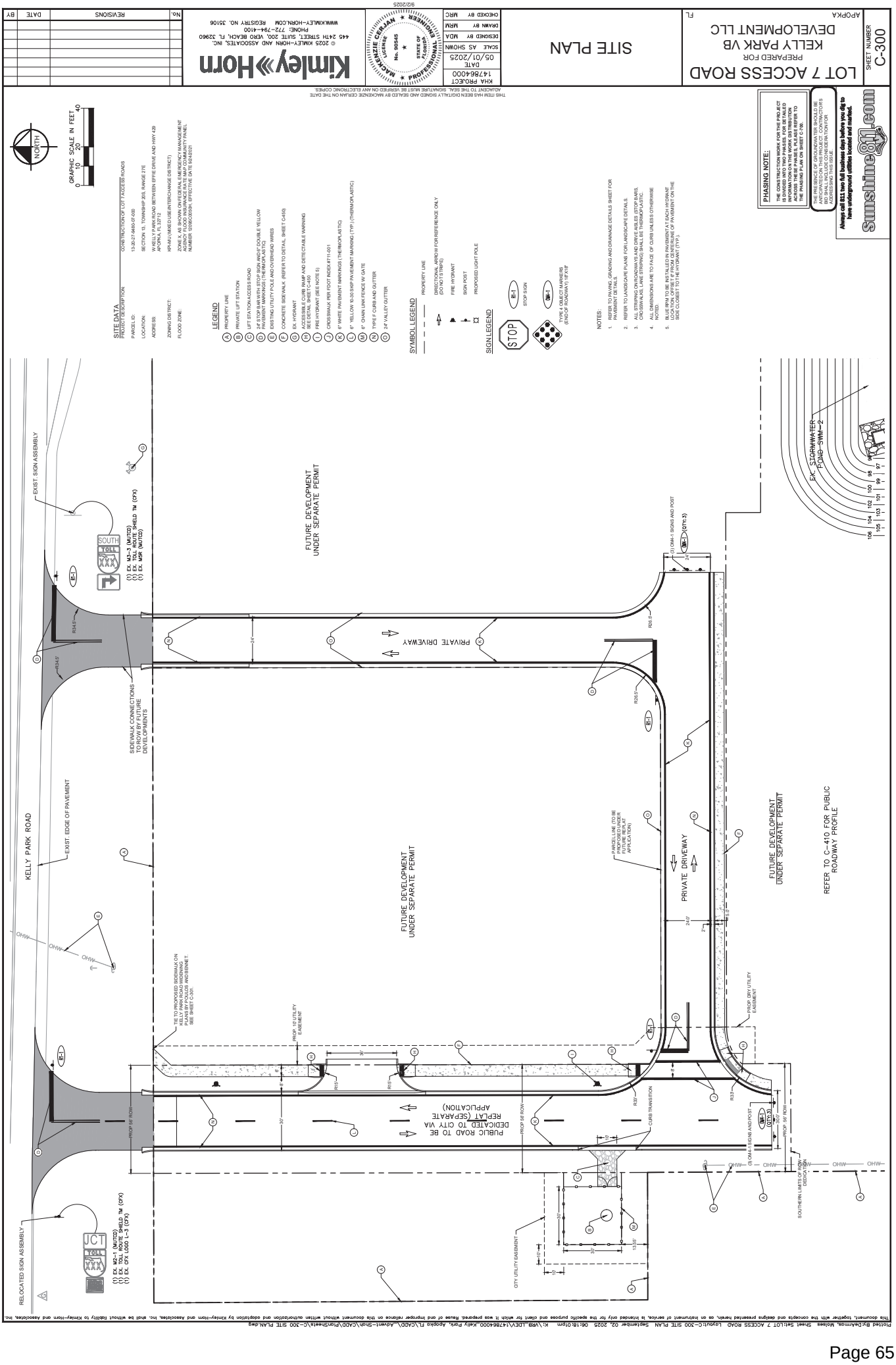
EROSION CONTROL DETAILS

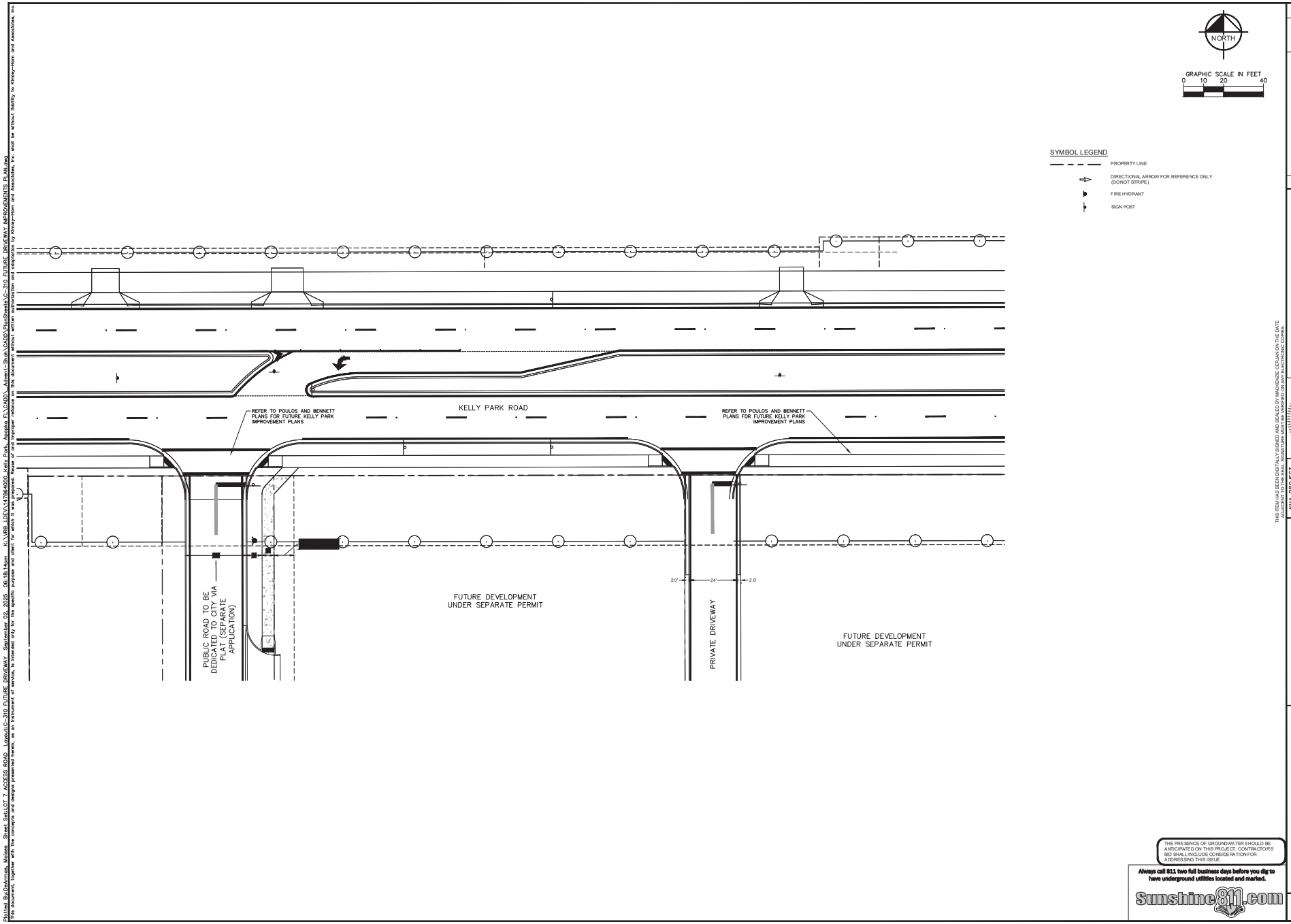
LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER C-250

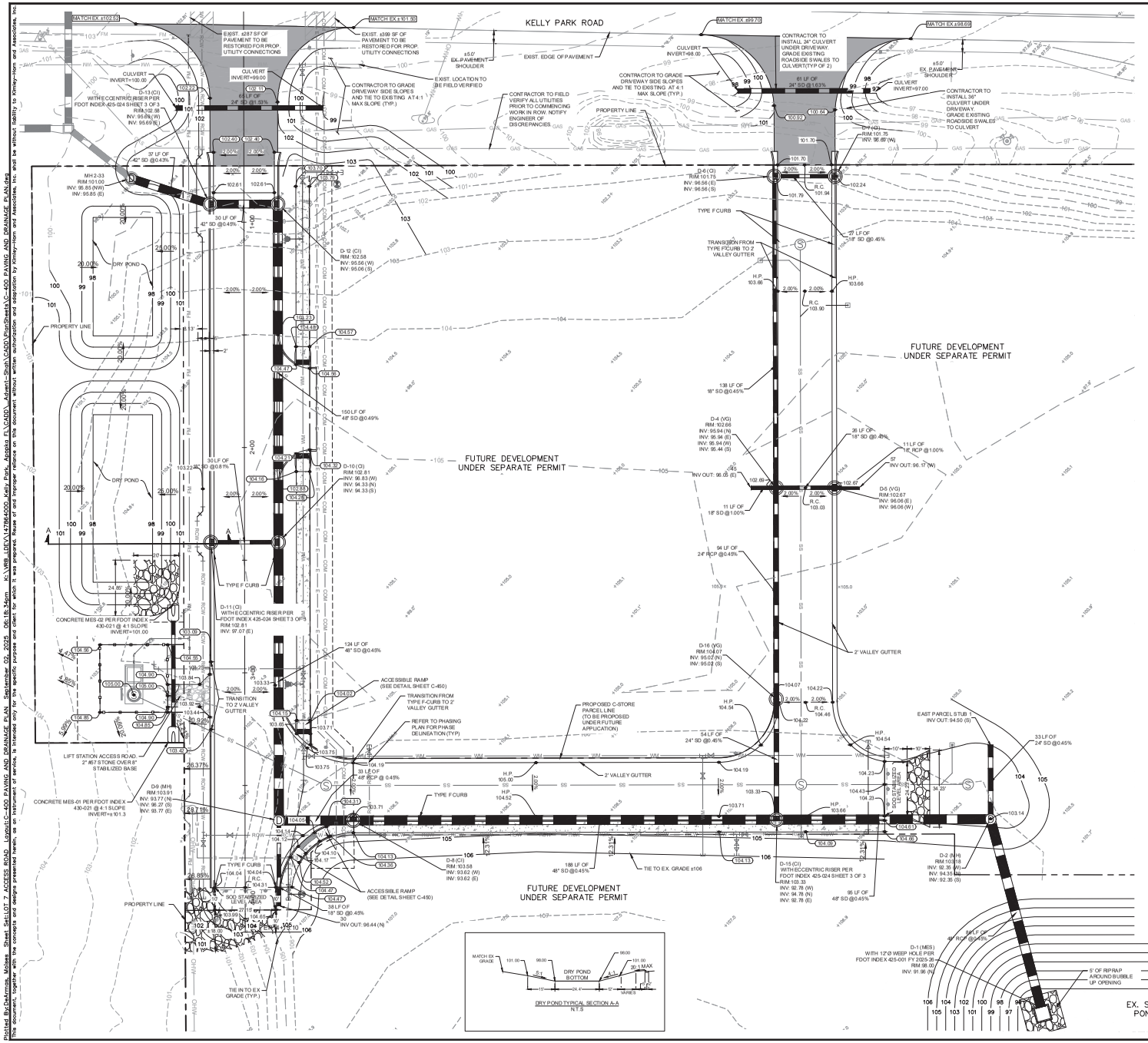
Plotted By: DeAnnah Mateo Sheet Set: LOT 7 ACCESS ROAD Layout: C-250_EROSION CONTROL DETAILS September 02, 2025 06:17:47pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Admin-Shah\CADD\PlanSheets\C-250_EROSION CONTROL DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.

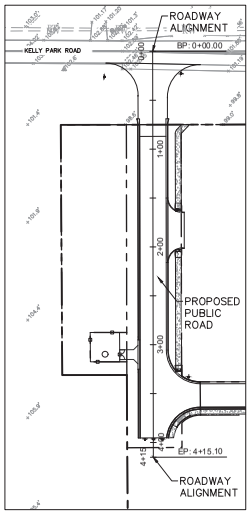

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB
DEVELOPMENT LLC
APOPKA FL
SITE PLAN
SHEET NUMBER C-300
Kimley»Horn
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
MACKENZIE C. JORDAN LICENSE No. 90548 STATE OF FLORIDA PROFESSIONAL ENGINEER
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC
9/2/2025
No. REVISIONS DATE BY
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES
SITE DATA
PROJECT DESCRIPTION: CONSTRUCTION OF LOT 7 ACCESS ROADS
PARCEL ID: 13-20-27-7460-07-000
LOCATION: SECTION 13, TOWNSHIP 20S, RANGE 27E
ADDRESS: W KELLY PARK ROAD BETWEEN EFFIE DRIVE AND HWY 429 APOPKA, FL 32712
ZONING DISTRICT: KP-MU (MIXED USE INTERCHANGE DISTRICT)
FLOOD ZONE: ZONE X, AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM), PANEL NUMBER 12095C0393H, EFFECTIVE DATE 9/24/2021
LEGEND
A PROPERTY LINE
B PRIVATE LIFT STATION
C LIFT STATION ACCESS ROAD
D 24" STOP BAR WITH STOP SIGN AND 6" DOUBLE YELLOW PAVEMENT MARKINGS (THERMOPLASTIC)
E EXISTING UTILITY POLE AND OVERHEAD WIRES
F CONCRETE SIDEWALK. (REFER TO DETAIL, SHEET C-410)
G EX. HYDRANT
H ACCESSIBLE CURB RAMP. AND DETECTABLE WARNING SEE DETAIL SHEET C-450
I FIRE HYDRANT (SEE NOTE 5)
J CROSSWALK PER FDOT INDEX 4711-001
K 6" WHITE PAVEMENT MARKINGS (THERMOPLASTIC)
L 6" YELLOW 10-30 SWP PAVEMENT MARKING (TYP.) (THERMOPLASTIC)
M 6' CHAIN LINK FENCE W/ GATE
N TYPE F CURB AND GUTTER
O 24" VALLEY GUTTER
SYMBOL LEGEND
PROPERTY LINE
DIRECTIONAL ARROW FOR REFERENCE ONLY (DO NOT STRIPE)
FIRE HYDRANT
SIGN POST
PROPOSED LIGHT POLE
SIGN LEGEND
R1-1 STOP SIGN
OM-1 TYPE A OBJECT MARKERS (END OF ROADWAY) 18" X18"
NOTES:
1. REFER TO PAVING, GRADING AND DRAINAGE DETAILS SHEET FOR PAVEMENT DETAILS.
2. REFER TO LANDSCAPE PLANS FOR LANDSCAPE DETAILS.
3. ALL STRIPING ON ROADWAYS AND DRIVE AISLES (STOP BARS, CROSSWALKS, LANE STRIPING) SHALL BE THERMOPLASTIC.
4. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. BLUE REFM TO BE INSTALLED IN PAVEMENT AT EACH HYDRANT LOCATION TO PROTECT FIRE HYDRANT. PLACEMENT OF REFLECTOR SHALL BE ON DRIVE SIDE CLOSEST TO THE HYDRANT. (TYP.)
PHASING NOTE:
THE CONSTRUCTION WORK FOR THE PROJECT IS DESCRIBED IN THESE PLANS. FOR ADDED INFORMATION ON THE WORK, DISTRIBUTION ACROSS THESE PHASES, PLEASE REFER TO THE PHASING PLANS, SHEET C-210.
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED DURING EXCAVATION ACTIVITIES. BID SHALL INCLUDE CONSIDERATION FOR DEWATERING THAT MAY BE REQUIRED.
Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com
GRAPHIC SCALE IN FEET 0 10 20 40
NORTH
KELLY PARK ROAD
EXIST EDGE OF PAVEMENT
EXIST SIGN ASSEMBLY
RELOCATED SIGN ASSEMBLY
(1) EX. M3-3 (MUTCD)
(1) EX. TOLL ROUTE SHIELD TM (CFX)
(1) EX. M3R (MUTCD)
(1) EX. M2-1 (MUTCD)
(1) EX. TOLL ROUTE SHIELD TM (CFX)
(1) EX. CFX LOGO 1-3 (CFX)
SIDEWALK CONNECTIONS TO ROW BY FUTURE DEVELOPMENTS
TIE TO PROPOSED SIDEWALK ON KELLY PARK ROAD WIDENING PLANS PER LOT 6 AND BENNET. SEE SHEET C-101
PROP. 10' UTILITY EASEMENT
PROP. 58' ROW
FUTURE DEVELOPMENT UNDER SEPARATE PERMIT
PUBLIC ROAD TO BE DEDICATED TO CITY VIA REPLAT (SEPARATE APPLICATION)
PARCEL LINE (TO BE REMOVED UNDER FUTURE REPLAT APPLICATION)
PRIVATE DRIVEWAY
CURB TRANSITION
PROP. 30' UTILITY EASEMENT
(3) OM4-1 SIGNS AND POST
SOUTHERN LIMITS OF ROW DEDICATION
CITY UTILITY EASEMENT
REFER TO C-410 FOR PUBLIC ROADWAY PROFILE
EX. STORMWATER POND - SWM-2
Plotted By: Matthew Scheel
Sheet: LOT 7 ACCESS ROAD
Layout: C-300 SITE PLAN
September 02, 2025 - 06:18:01pm
K:\WB_LDEV\147864000-Kelly Park, Apopka FL\CADD\Advnti-Struct\CADD\PlotSheets\C-300 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



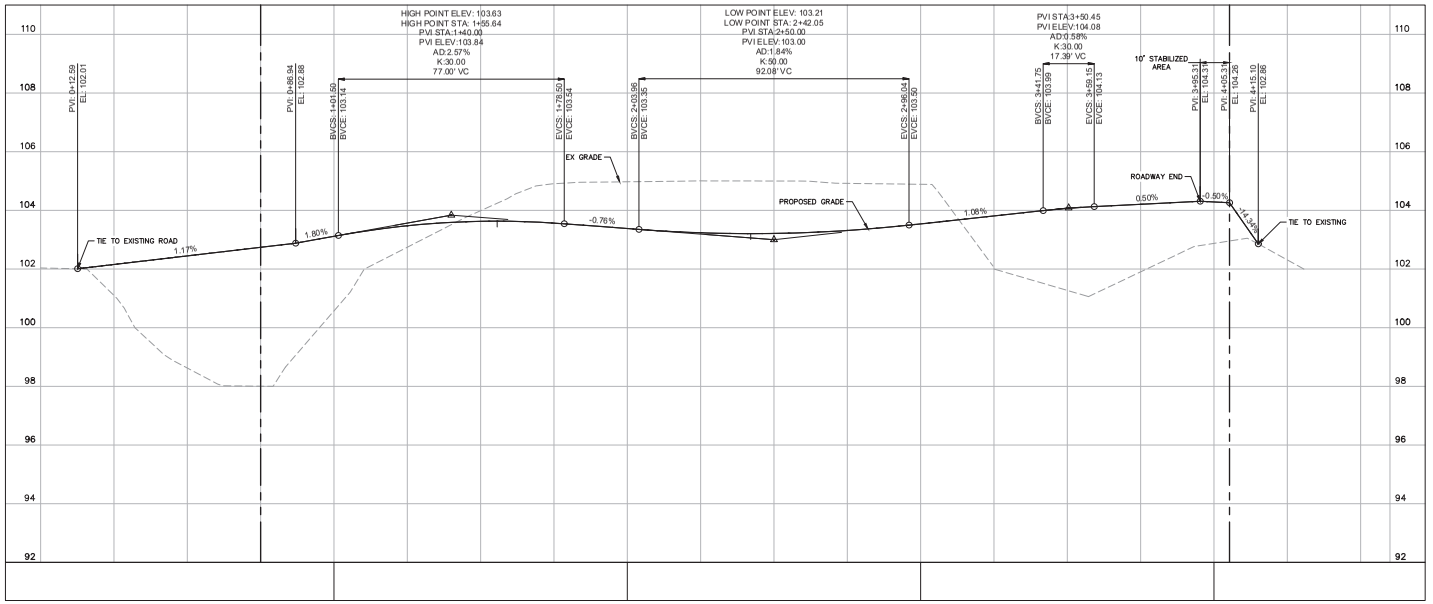
Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-310 FUTURE DRIVEWAY September 02, 2025 06:18:14pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-310 FUTURE DRIVEWAY IMPROVEMENTS PLAN.dwg

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

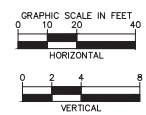

KELLY PARK ROAD
FUTURE DEVELOPMENT UNDER SEPARATE PERMIT
FUTURE DEVELOPMENT UNDER SEPARATE PERMIT
FUTURE DEVELOPMENT UNDER SEPARATE PERMIT
EXIST. ±287 SF OF PAVEMENT TO BE RESTORED FOR PROP UTILITY CONNECTIONS
EXIST. ±199 SF OF PAVEMENT TO BE RESTORED FOR PROP UTILITY CONNECTIONS
CONTRACTOR TO GRADE DRIVEWAY SIDE SLOPES AND TIE TO EXISTING AT 4:1 MAX SLOPE (TYP.)
CONTRACTOR TO FIELD VERIFY ALL UTILITIES PRIOR TO COMMENCING WORK IN ROW. NOTIFY ENGINEER OF DISCREPANCIES.
CONTRACTOR TO INSTALL 24" CULVERT UNDER DRIVEWAY. GRADE EXISTING ROADSIDE SWALES TO CULVERT (TYP OF 2)
CONTRACTOR TO INSTALL 36" CULVERT UNDER DRIVEWAY. GRADE EXISTING ROADSIDE SWALES TO CULVERT
CONTRACTOR TO GRADE DRIVEWAY SIDE SLOPES AND TIE TO EXISTING AT 4:1 MAX SLOPE (TYP.)
REFER TO PHASING PLAN FOR PHASE DELINEATION (TYP)
PROPOSED C-STORE PARCEL LINE (TO BE PROPOSED UNDER FUTURE APPLICATION)
TIE TO EX. GRADE ±106
TIE IN TO EX GRADE (TYP.)
DRY POND BOTTOM
DRY POND TYPICAL SECTION A-A
N.T.S
EX. STORMWATER POND SWM-2
EAST PARCEL STUB
INV OUT: 94.50 (S)
PROPERTY LINE
DRY POND
LIFT STATION ACCESS ROAD 2" #67 STONE OVER 8" STABILIZED BASE
SOD STABILIZED LEVEL AREA
ACCESSIBLE RAMP (SEE DETAIL SHEET C-460)
TRANSITION FROM TYPE F CURB TO 2' VALLEY GUTTER
TRANSITION TO 2' VALLEY GUTTER
TYPE F CURB
2' VALLEY GUTTER
R.C.
5' OF RIPRAP AROUND BUBBLE UP OPENING
MATCH EX ±102.62
MATCH EX ±101.50
MATCH EX ±99.70
MATCH EX ±98.69
CULVERT INVERT=100.00
CULVERT INVERT=99.00
CULVERT INVERT=98.00
CULVERT INVERT=97.00
60 LF OF 24" SD @1.83%
61 LF OF 24" SD @1.63%
37 LF OF 42" SD @0.43%
30 LF OF 42" SD @0.45%
57 LF OF 18" SD @0.45%
138 LF OF 18" SD @0.45%
150 LF OF 48" SD @0.49%
124 LF OF 48" SD @0.45%
94 LF OF 24" RCP @0.49%
64 LF OF 24" SD @0.45%
33 LF OF 24" SD @0.45%
188 LF OF 48" SD @0.45%
95 LF OF 48" SD @0.45%
88 LF OF 48" RCP @0.45%
11 LF OF 18" RCP @1.00%
11 LF OF 18" SD @100%
MH2-33 RIM:101.00 INV: 95.85 (NW) INV: 95.85 (E)
D-13 (CI) WITH ECCENTRIC RISER PER FDOT INDEX 425-024 SHEET 3 OF 3 RIM:102.59 INV: 95.69 (W) INV: 95.69 (E)
D-12 (CI) RIM: 102.58 INV: 95.56 (W) INV: 95.06 (S)
D-10 (CI) RIM:102.81 INV: 96.83 (W) INV: 94.33 (N) INV: 94.33 (S)
D-11 (CI) WITH ECCENTRIC RISER PER FDOT INDEX 425-024 SHEET 3 OF 3 RIM:102.81 INV: 97.07 (E)
D-9 (MH) RIM:103.91 INV: 93.77 (N) INV: 95.27 (S) INV: 93.77 (E)
D-8 (CI) RIM: 103.58 INV: 93.62 (W) INV: 93.62 (E)
D-15 (CI) WITH ECCENTRIC RISER PER FDOT INDEX 425-024 SHEET 3 OF 3 RIM:103.33 INV: 92.78 (W) INV: 94.78 (N) INV: 92.78 (E)
D-2 (MES) RIM:103.18 INV: 92.35 (W) INV: 94.35 (N) INV: 92.35 (S)
D-1 (MES) WITH 12"Ø WEEP HOLE PER FDOT INDEX 425-001 FY 2025-26 RIM: 98.00 INV: 91.96 (N)
D-3 (VG) RIM:102.66 INV: 95.94 (N) INV: 95.94 (E) INV: 95.94 (W) INV: 95.44 (S)
D-4 (VG) RIM: 102.66 INV: 95.94 (N) INV: 95.94 (E) INV: 95.94 (W) INV: 95.44 (S)
D-5 (VG) RIM:102.67 INV: 96.06 (E) INV: 96.06 (W)
D-16 (VG) RIM:104.07 INV: 95.07 (N) INV: 95.02 (S)
D-6 (CI) RIM:101.75 INV: 96.56 (E) INV: 96.56 (S)
D-7 (CI) RIM: 101.75 INV: 96.69 (N)
TYPE F CURB
TRANSITION FROM TYPE F CURB TO 2' VALLEY GUTTER
H.P. 103.66
H.P. 104.54
H.P. 105.00
H.P. 104.52
H.P. 103.66
R.C. 101.94
R.C. 103.90
R.C. 103.03
R.C. 104.46
R.C. 104.31
R.C. 104.04
R.C. 104.22
CONCRETE MES-02 PER FDOT INDEX 430-021 @ 4:1 SLOPE INVERT=101.00
CONCRETE MES-01 PER FDOT INDEX 430-021 @ 4:1 SLOPE INVERT=±101.3
ACCESSIBLE RAMP (SEE DETAIL SHEET C-460)
TYPE F CURB
SOD STABILIZED LEVEL AREA
PROPERTY LINE
INV OUT: 96.44 (N)
INV OUT: 96.17 (W)
INV OUT: 96.05 (E)
INV OUT: 95.92 (S)
INV: 97.00 (E)
INV: 96.69 (W)
INV: 96.69 (N)
INV: 96.69 (S)
INV: 96.69



ROADWAY PROFILE ALIGNMENTS LAYOUT
N.T.S



PUBLIC ROADWAY PROFILE



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

ROADWAY PROFILE

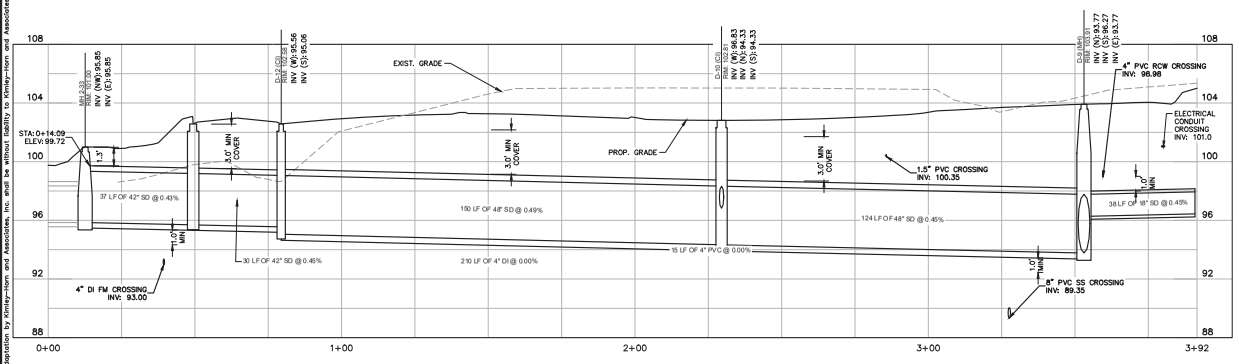
LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC

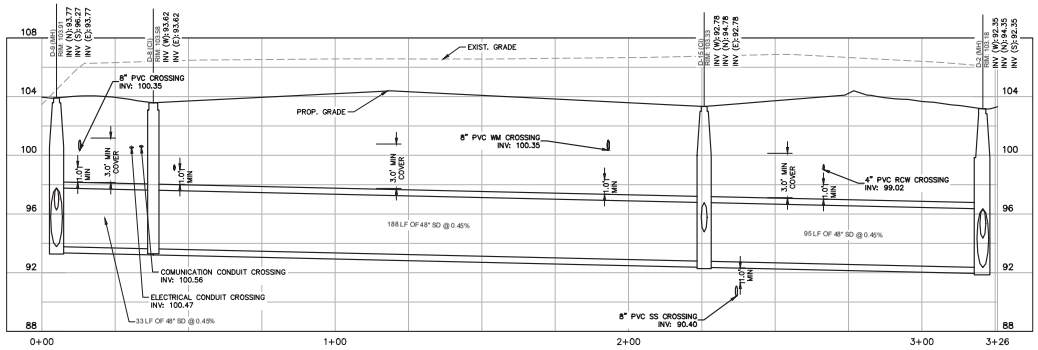
APOPKA FL

SHEET NUMBER
C-410

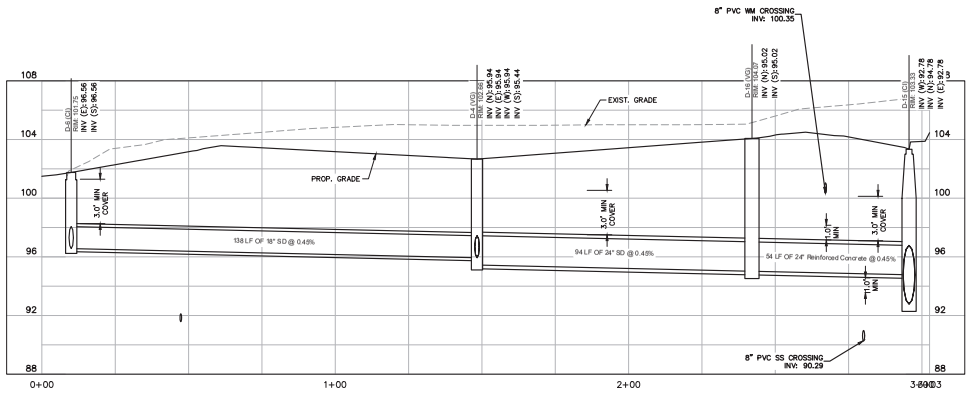
Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-410 ROADWAY PROFILE September 02, 2025 06:18:51pm K:\RB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-410 ROADWAY PROFILE.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



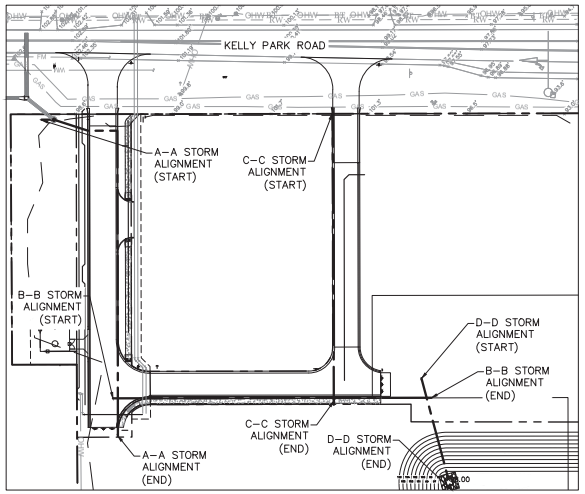
A-A STORM WATER PROFILE



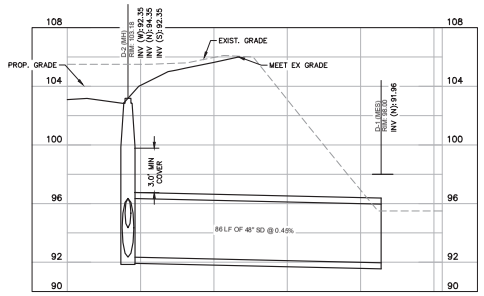
B-B STORM WATER PROFILE



C-C STORM WATER PROFILE



PROFILES ALIGNMENTS LAYOUT
N.T.S



D-D STORM WATER PROFILE

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL
0 2 4 8
VERTICAL

NORTH

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

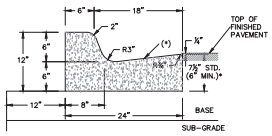
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

DRAINAGE PROFILES

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

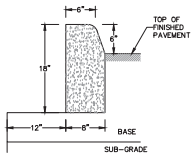
SHEET NUMBER
C-420

Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-420 DRAINAGE PROFILES September 02, 2025 06:19:11pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-420 DRAINAGE PROFILES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

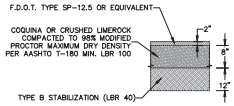


* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6" UNLESS OTHERWISE SHOWN ON THE PLANS. ASPHALT SURFACE ON HIGH SIDE TO BE FLUSH WITH LIP OF CURB OR CURB & GUTTER.

TYPE "F" CURB AND GUTTER
N.T.S

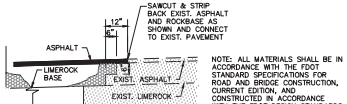


TYPE "D" CURB
N.T.S



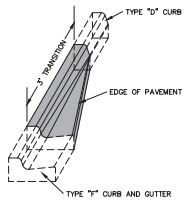
HEAVY DUTY ASPHALT
N.T.S

NOTE:
CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.

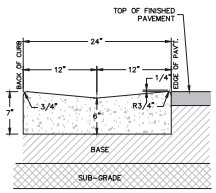


NOTE: ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.

CONNECTION TO EXISTING PAVEMENT
scale: N.T.S. ref. C7.1

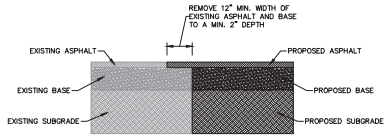


3' CURB TRANSITION
N.T.S

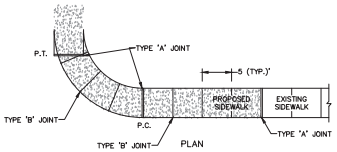


ALL CONCRETE SHALL BE 3,000 PSI

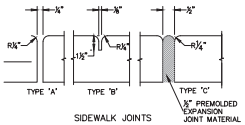
VALLEY GUTTER
N.T.S



SAW-CUT
N.T.S

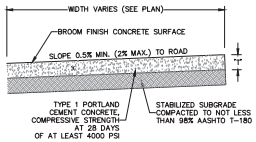


PLAN



SIDEWALK JOINTS

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	100' MAX. SPACING, P.C./P.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS.
'B'	5'-0" CENTER TO CENTER
'C'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.

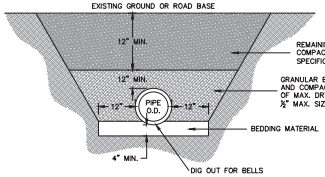


STANDARD CROSS SECTION

TABLE OF SIDEWALK THICKNESS	
LOCATION	"T"
PEDESTRIAN ONLY AREAS	4"

NOTE:
ALL SIDEWALK STREET CROSSINGS MUST MEET THE REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA) COMPLIANCE GUIDE. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.

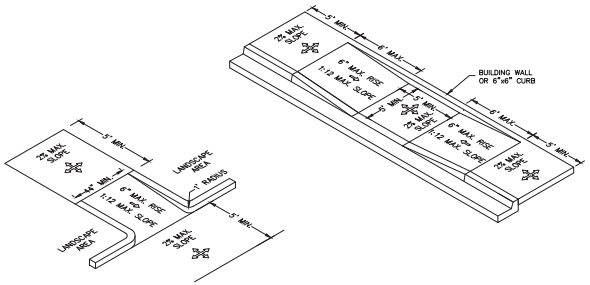
CONCRETE SIDEWALK
N.T.S



TRENCH WITHOUT EXFILTRATION
N.T.S

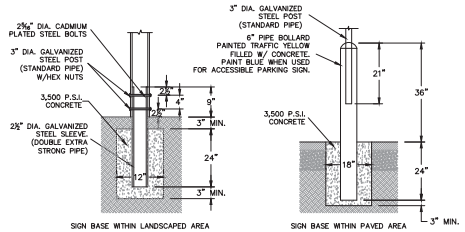
NOTES:
1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL (2" MAX SIZE). UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGER ROCK, MUCK AND DEBRIS.
5. ALL WORK SHALL CONFORM TO STATE OF FLORIDA TRENCH SAFETY ACT.

* COMPACT TO 98%OF AASHTO T-180 MAXIMUM DRY DENSITY UNDER EXISTING AND PROPOSED PAVEMENT AREAS. COMPACT TO 95% ON ALL OTHER AREAS UNLESS OTHERWISE NOTED..



ACCESSIBLE RAMPS
N.T.S

DETECTABLE WARNINGS REQUIRED FOR RAMPS LOCATED IN PROPOSED ROW.



SIGN BASE WITHIN LANDSCAPED AREA

SIGN BASE WITHIN PAVED AREA

NOTE:
SIGNS INSTALLED WITHIN SIDEWALKS SHALL BE SET DIRECTLY IN THE CONCRETE AND SHALL UTILIZE A 3" DIAMETER SIGN POST PER THE SPECIFICATIONS.

SIGN BASE
N.T.S

1. ALL ACCESSIBLE COMPONENTS CONSTRUCTED AS PART OF THESE PLANS SHALL COMPLY WITH CHAPTER 11 OF THE FLORIDA BUILDING CODE.
2. ACCESSIBLE ROUTE TO ACCESSIBLE SPACES, BUILDING ENTRANCES, AND PUBLIC STREETS SHALL NOT EXCEED 5% RUNNING SLOPE AND 2% CROSS SLOPE.
3. UNLESS OTHERWISE SHOWN ON THE PLANS, THE MINIMUM CLEAR ROUTE SHALL BE 36" WIDE WITH A 60" X 60" PASSING SPACE EVERY 200 FEET.
4. ACCESSIBLE ROUTES THROUGH PLANTERS SHALL BE LEVEL WITH THE SURROUNDING PAVEMENT OR PROVIDE CURB RAMPS AT EACH END WITH A MINIMUM 48" LEVEL LANDING IN BETWEEN.
5. THE ACCESSIBLE ROUTE IN FRONT OF P.U.L. - IN PARKING SHALL BE A MINIMUM OF 44" WIDE AND NOT REDUCED BY VEHICLE OVERHANGS, CURBING, SIGN POSTS, OR OTHER OBSTRUCTIONS.
6. SPECIAL RAMP RULES APPLY FOR ANY RISE GREATER THAN 6" INCLUDING BUT NOT LIMITED TO RESTRICTION ON SLOPE, TOTAL RISE BETWEEN LANDINGS, AND USE OF HANDRAILS, PER F.B.C 11-4.8.
7. PUBLIC SIDEWALK CURB RAMPS CONSTRUCTED WITHIN A PUBLIC RIGHT-OF-WAY, IN ABSENCE OF LOCAL ROADWAY GUIDELINES, SHALL MEET THE REQUIREMENTS OF F.D.O.T INDEX 304.
8. WHEN ACCESSIBLE PARKING ABUTS CURB OR EDGE OF PAVEMENT, PLEASE REFER TO DETAIL FOR STRIPING COLOR, STALL DIMENSIONS AND SLOPE.
9. CHANGE IN LEVEL ALONG ACCESSIBLE ROUTE IS NOT TO EXCEED ¼" WITHOUT A RAMP PER SECTION 11-4.3.8.
10. ALL HANDICAPPED PARKING SPACES SHALL BE SIGNED AND MARKED IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS INDEX 17346.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER 9/2/2025

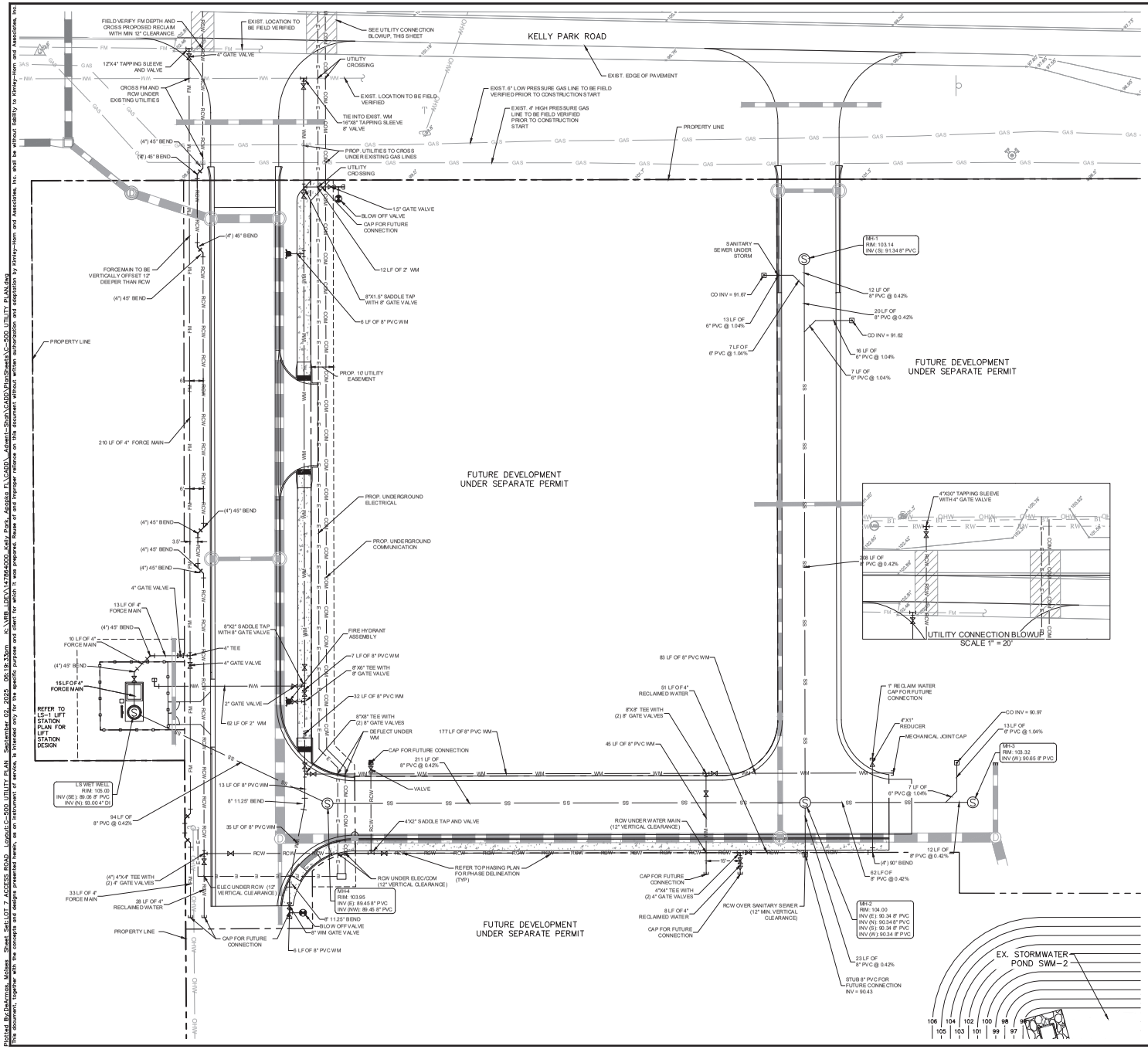
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

PAVING GRADING AND DRAINAGE DETAILS

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER C-450

Plotted By:DeAnnmarie Meines Sheet Set:LOT 7 ACCESS ROAD Layout:C-450 PAVING GRADING AND DRAINAGE DETAILS September 02, 2025 08:19:17pm K:\ORB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Admin_Shah\CADD\PlanSheets\C-450 PAVING GRADING AND DRAINAGE DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- FM — PROPOSED SANITARY SEWER FORCE MAIN
- COM — PROPOSED COMMUNICATION LINE
- WM — DOMESTIC WATER SERVICE LINE
- RCW — PROPOSED RECLAIMED WATER LINE
- SS — SANITARY SEWER LATERAL
- E — PROPOSED ELECTRIC LINE
- OHW — PROPOSED ELECTRIC LINE
- WM — EXISTING WATER MAIN
- SS — EXISTING SANITARY SEWER MAIN
- OHW — EXISTING ELECTRIC LINE
- RCW — EXISTING RECLAIMED WATER LINE
- FM — EXISTING SANITARY SEWER FORCE MAIN
- PROPOSED DRAINAGE
- PROPOSED TEE
- PROPOSED PIPE BEND
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED SANITARY MANHOLE

UTILITY NOTES

1. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
3. SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
   8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAT 12' DEEP
   8" PVC SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP
   6" PVC SCHEDULE 40
   DUCTILE IRON PIPE PER AWWA C150
4. WATER LINES SHALL BE AS FOLLOWS:
   6" AND LARGER, PVC C-900 PER ASTM D 2241 CLASS 200 UNDER CITY ROADS, OTHERWISE CLASS 150
   6" AND LARGER DUCTILE IRON PIPE PER AWWA C150
   SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI B16.22 OR PVC 200 P.S.I., PER ASTM D1784 AND D2241 (ADS POLYLEX OR APPROVED EQUAL).
5. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
6. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
7. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
8. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4'-0" COVER ON ALL WATERLINES.
9. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
10. UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
11. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS WITHIN PAVED AREAS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS WITHIN LANDSCAPED AREAS.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
13. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
14. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
15. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF APOPKA) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
16. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
17. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
18. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
19. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
20. UNDERGROUND UTILITY LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
21. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING WATER MAINS, FORCE MAINS, SANITARY SEWER AND STORM MAINS AND MAINTAIN MINIMUM CLEARANCES BETWEEN WATER MAINS AND OTHER UTILITIES AT ALL POINTS ALONG THEIR LENGTH AS REQUIRED IN THE PLANS, DETAILS AND SPECIFICATIONS.
23. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
24. THE ENTIRE FIRE SERVICE FROM BUILDING TO CONNECTION POINT IS TO BE INSTALLED BY A LICENSED UTILITY CONTRACTOR HOLDING A "U" CONTRACTOR'S LICENSE IN ACCORDANCE WITH CH. 489 OF THE FLORIDA STATUTES.
25. ALL UTILITY MAIN LENGTHS SHOWN ARE APPROXIMATE.
26. CONTRACTOR TO PROVIDE A SIGN AT EACH FDC.
27. UTILITY CROSSING PIPE DEFLECTIONS PER C.O.A FIG 117.
28. ALL PIPE LENGTHS ARE APPROXIMATIONS AND THE CONTRACTOR SHALL NOT USE FOR BIDDING PURPOSES.
29. COORDINATE PROPOSED OVERHEAD POWER LINE WITH DUKE.

FOLLOW CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 7TH EDITION CONCERNING FIRE AND LIFE SAFETY.

CITY OF APOPKA (C.O.A.) UTILITY NOTES

1. THE DEVELOPER'S CONTRACTOR SHALL ACCOMPLISH ALL WATER MAIN & SERVICE WORK THROUGH THE POINT OF CONNECTION/FIRE SERVICE CONTROL VALVE & WATER METERS. C.O.A. WILL OWN & OPERATE UP TO & INCLUDING THE POINT OF CONNECTION/FIRE SERVICE CONTROL VALVE & METERS ONLY. THE REQUIRED WORK SHALL BE PERFORMED PER CURRENT C.O.A. MATERIAL SPECIFICATION & WATER DETAIL SHEET UNDER C.O.A. INSPECTION. TO SCHEDULE A C.O.A. INSPECTION, CALL 407-703-1718.
2. THE DEVELOPER/CONTRACTOR SHALL FILED VERIFY THE VERTICAL & HORIZONTAL LOCATION OF EXISTING C.O.A. WATER FACILITIES BEFORE COMMENCEMENT OF CONSTRUCTION.
3. THE DEVELOPER/CUSTOMER IS RESPONSIBLE FOR ALL REQUIRED PERMITS.

PHASING NOTE:

THE CONSTRUCTION WORK FOR THE PROJECT IS DIVIDED INTO TWO PHASES. FOR DETAILED INFORMATION ON THE WORK DISTRIBUTION ACROSS THESE PHASES, PLEASE REFER TO THE PHASING PLAN ON SHEET C-700.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER 9/22/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

UTILITY PLAN

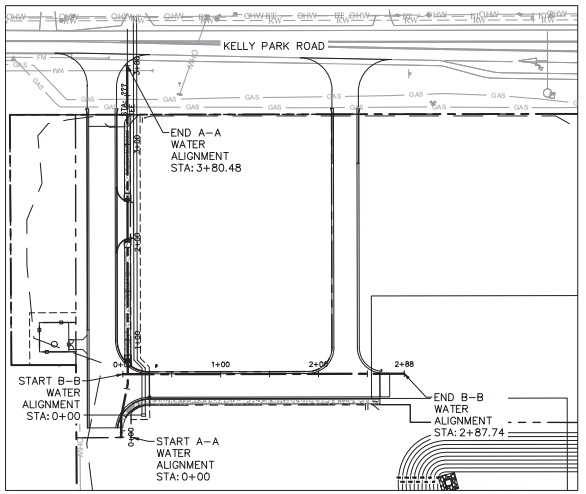
LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC

APOPKA FL

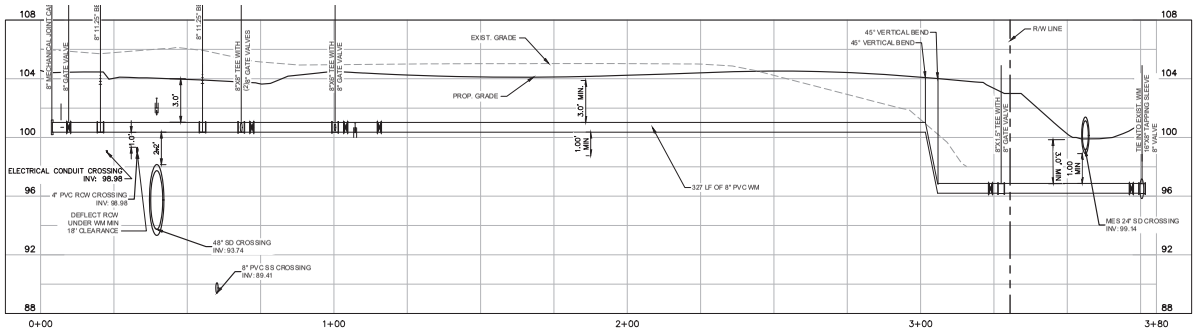
SHEET NUMBER C-500

Plotted By: DeAnnon Mclees Sheet Set: LOT 7 ACCESS ROAD Layout: C-500 UTILITY PLAN September 02, 2025 06:18:33pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Admin_Shah\CADD\PlanSheets\C-500 UTILITY PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PROFILES ALIGNMENTS LAYOUT
N.T.S

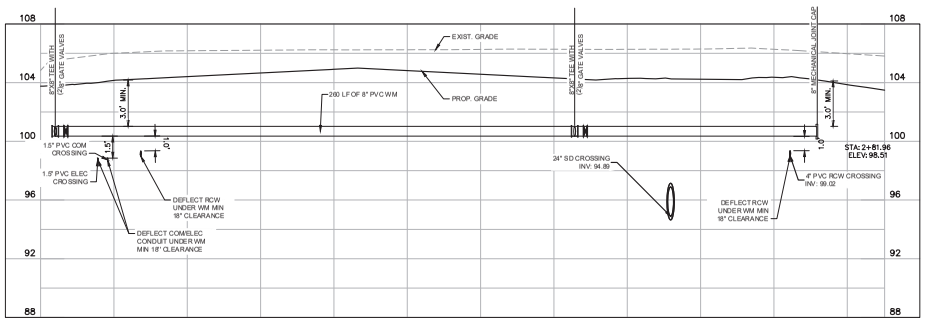
NORTH



A-A WATER MAIN PROFILE

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 2 4 8
VERTICAL



B-B WATER MAIN PROFILE

GRAPHIC SCALE IN FEET
0 10 20 40
HORIZONTAL

0 2 4 8
VERTICAL

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

UTILITY PROFILES

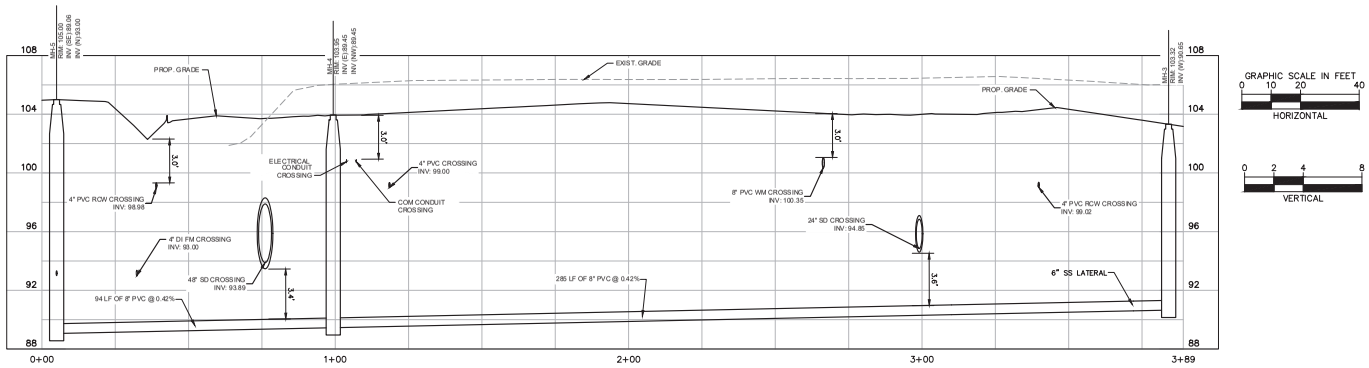
LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB
DEVELOPMENT LLC

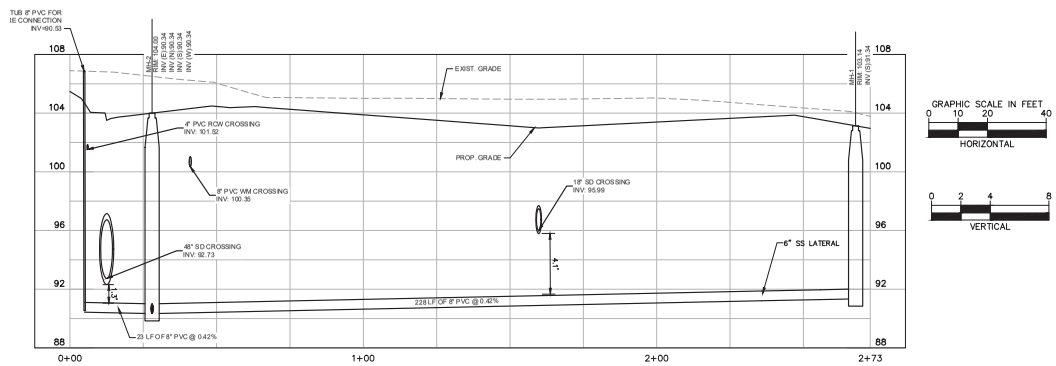
APOPKA FL

SHEET NUMBER
C-520

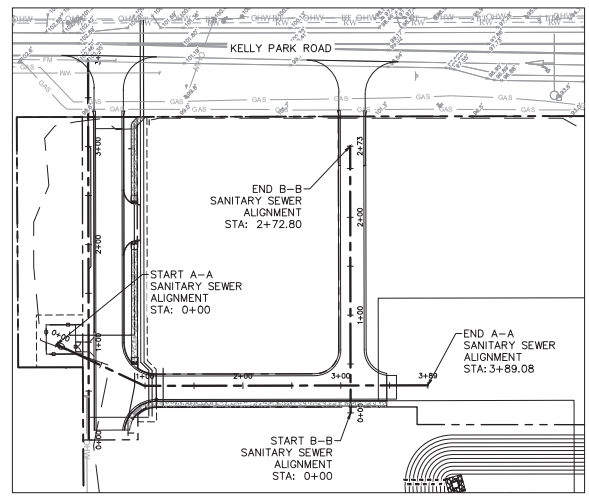
Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-520 UTILITY PROFILES September 02, 2025 06:19:45pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-520 UTILITY PROFILES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



A-A SANITARY SEWER PROFILE



B-B SANITARY SEWER PROFILE



PROFILES ALIGNMENTS LAYOUT
N.T.S

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER

9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

UTILITY PROFILES

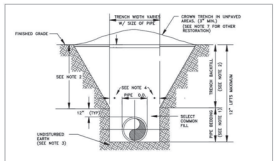
LOT 7 ACCESS ROAD

PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC

APOPKA FL

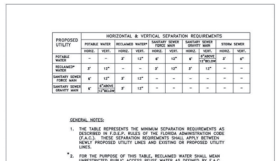
SHEET NUMBER
C-521

Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-521 SEWER PROFILES September 02, 2025 06:20:00pm K:\WRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-521 UTILITY PROFILES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



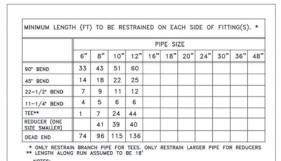
TYPE "B" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 100



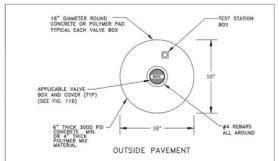
HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 104



RESTRAINED PIPE TABLE (PVC)

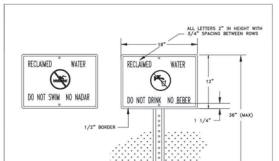
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 105



VALVE IDENTIFICATION TAG TO BE INSTALLED BY CITY & PAID FOR BY DEVELOPER

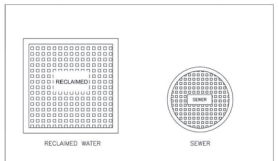
VALVE BOX

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 109



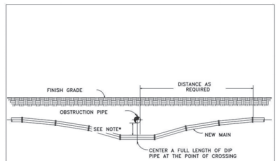
RECLAIMED WATER ADVISORY SIGN

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 115



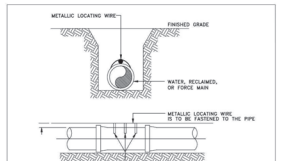
TYPICAL VALVE BOX COVER DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 116



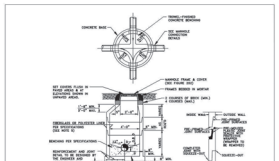
UTILITY CROSSING PIPE DEFLECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 117



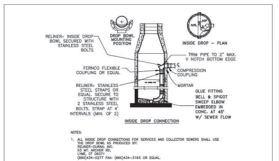
PIPE LOCATING WIRE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 118



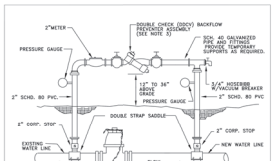
TYPICAL MANHOLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 200



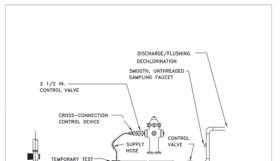
MANHOLE CONNECTION DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 201



TEMPORARY JUMPER CONNECTION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 A



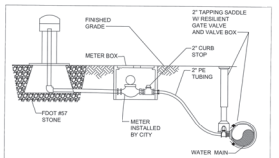
TEMPORARY JUMPER CONNECTION FROM FIRE HYDRANT

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 B



PROCEDURES FOR TEMPORARY JUMPER CONNECTION

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 504 C



BLOW OFF VALVE DETAIL (AUTOMATIC)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 403 A

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.

445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERIAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER 9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERIAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

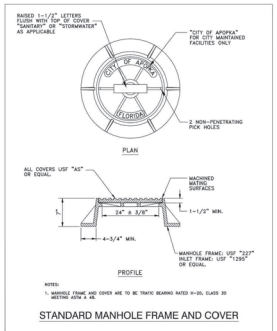
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

UTILITY DETAILS

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

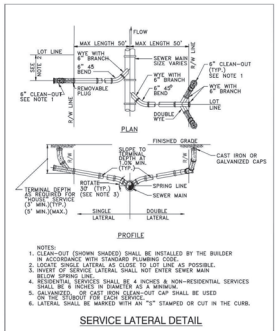
SHEET NUMBER C-550

Plotted By:DeAnnna Mateo Sheet Set:LOT 7 ACCESS ROAD Layout:C-550 UTILITY DETAILS September 02, 2025 06:20:07pm K:\VB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent+Sixth\CADD\PlotSheet\AC-550 UTILITY DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



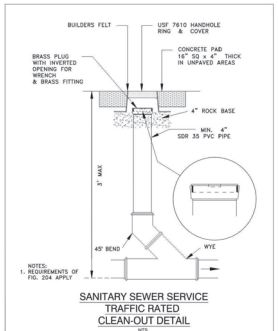
STANDARD MANHOLE FRAME AND COVER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 202



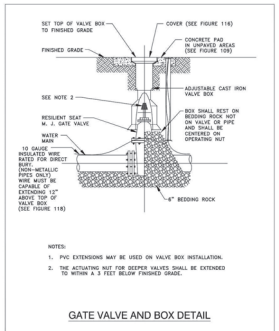
SERVICE LATERAL DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 204



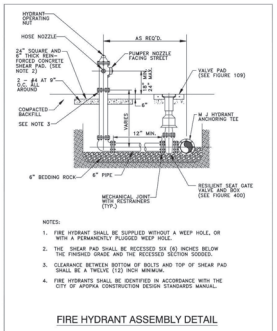
SANITARY SEWER SERVICE
TRAFFIC RATED
CLEAN-OUT DETAIL
NTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 205



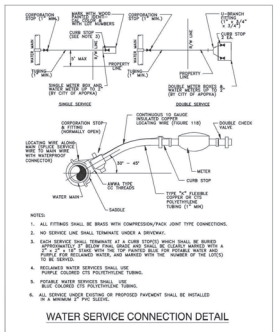
GATE VALVE AND BOX DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 400



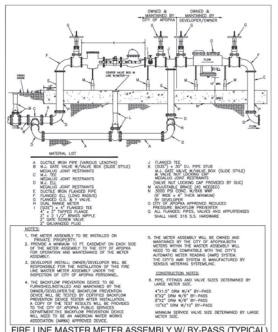
FIRE HYDRANT ASSEMBLY DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 402



WATER SERVICE CONNECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 405

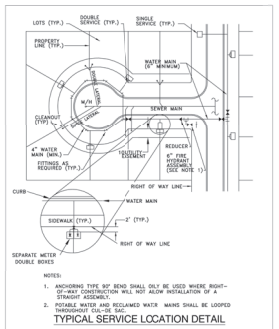


FIRE LINE MASTER METER ASSEMBLY W/ BY-PASS (TYPICAL)

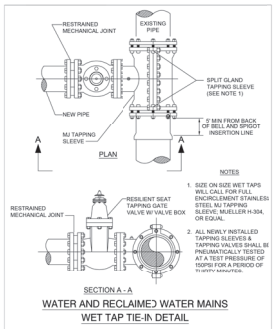
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 500 C



CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. GN

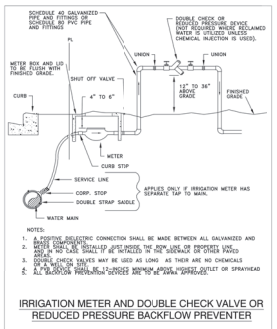


CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 404



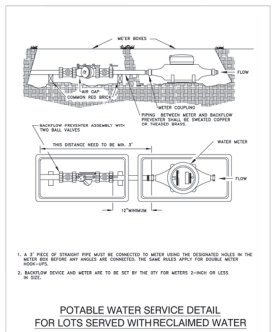
WATER AND RECLAIMED WATER MAINS
WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 406



IRRIGATION METER AND DOUBLE CHECK VALVE OR
REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 502



POTABLE WATER SERVICE DETAIL
FOR LOTS SERVED WITH RECLAIMED WATER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 505

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.

445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/22/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

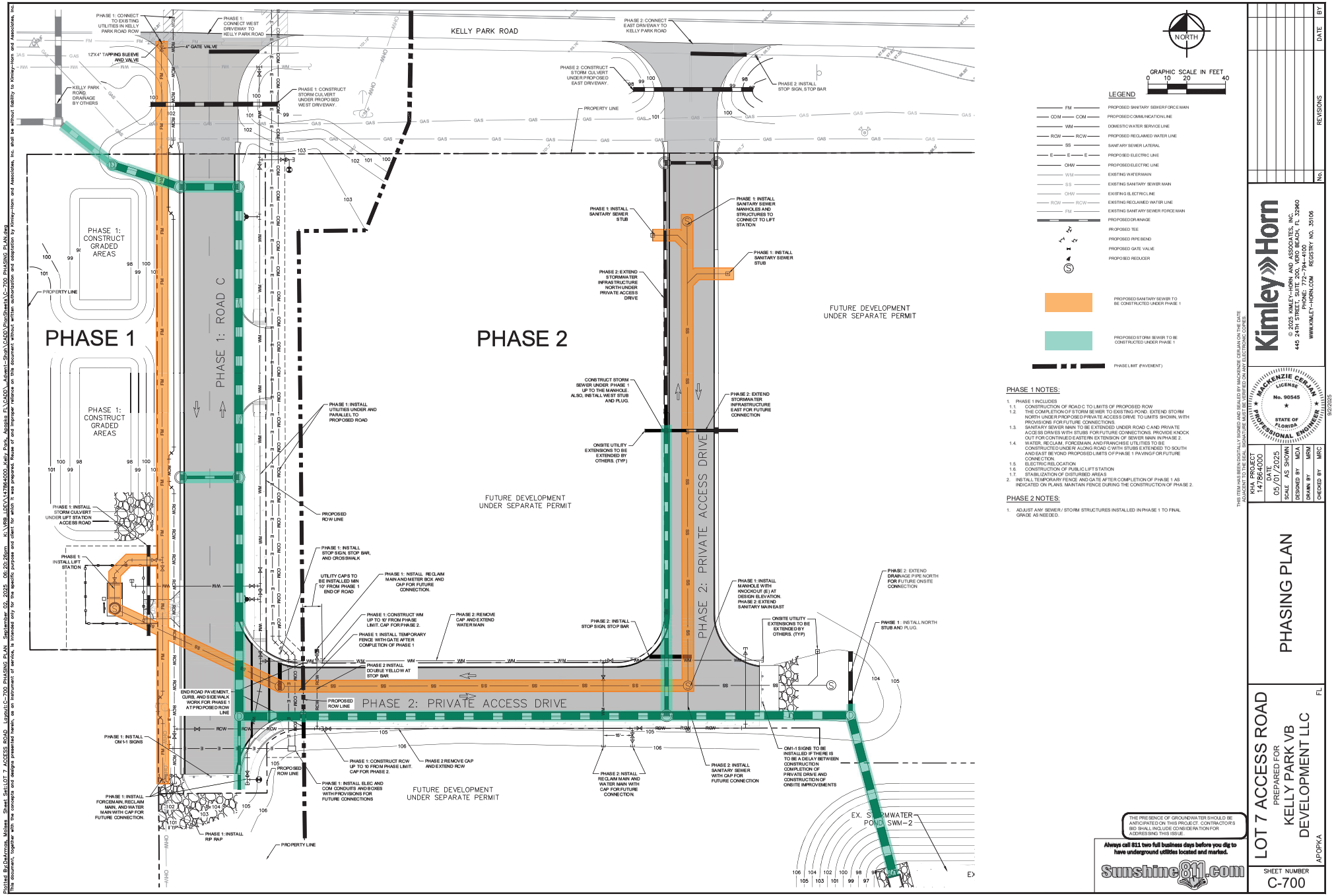
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

UTILITY DETAILS

LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER
C-551

Plotted By:DeAnnona, Melissa Sheet Set:LOT 7 ACCESS ROAD Layout:C-551 UTILITY DETAILS September 02, 2025 06:20:12pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent+Stuart\CADD\PlanSheets\C-550_UTILITY DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PHASE 1 NOTES:

1. PHASE 1 INCLUDES
   - 1.1. CONSTRUCTION OF ROAD C TO LIMITS OF PROPOSED ROW
   - 1.2. THE COMPLETION OF S TORM SEWER TO EXISTING POND. EXTEND STORM NORTH UNDER PROPOSED PRIVATE ACCESS DRIVE TO LIMITS SHOWN, WITH PROVISIONS FOR FUTURE CONNECTIONS.
   - 1.3. SANITARY SEWER MAIN TO BE EXTENDED UNDER ROAD C AND PRIVATE ACCESS DRIVES WITH STUBS FOR FUTURE CONNECTIONS. PROVIDE KNOCK OUT FOR CONTINUED EASTERN EXTENSION OF SEWER MAIN IN PHASE 2.
   - 1.4. WATER, RECLAIM, FORCEMAIN, AND FRANCHISE UTILITIES TO BE CONSTRUCTED UNDER ALONG ROAD C WITH STUBS EXTENDED TO SOUTH AND EAST BEYOND PROPOSED LIMITS OF PHASE 1 PAVING FOR FUTURE CONNECTION.
   - 1.5. ELECTRIC RELOCATION
   - 1.6. CONSTRUCTION OF PUBLIC LIFT S TATION
   - 1.7. STABILIZATION OF DISTURBED AREAS
2. INSTALL TEMPORARY FENCE AND GATE AFTER COMPLETION OF PHASE 1 AS INDICATED ON PLANS. MAINTAIN FENCE DURING THE CONSTRUCTION OF PHASE 2.

PHASE 2 NOTES:

1. ADJUST ANY SEWER / STORM STRUCTURES INSTALLED IN PHASE 1 TO FINAL GRADE AS NEEDED.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

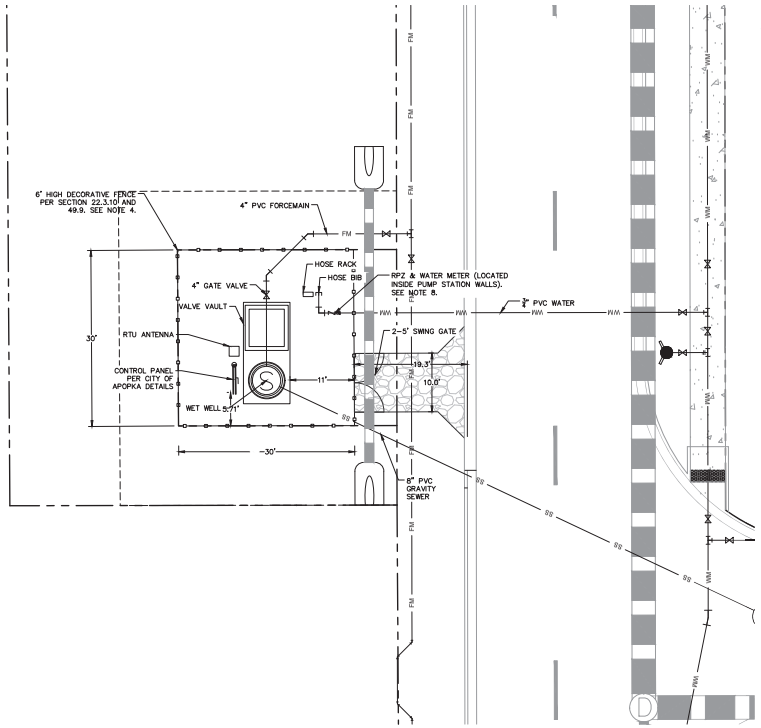
KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

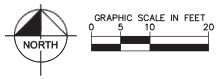
PHASING PLAN

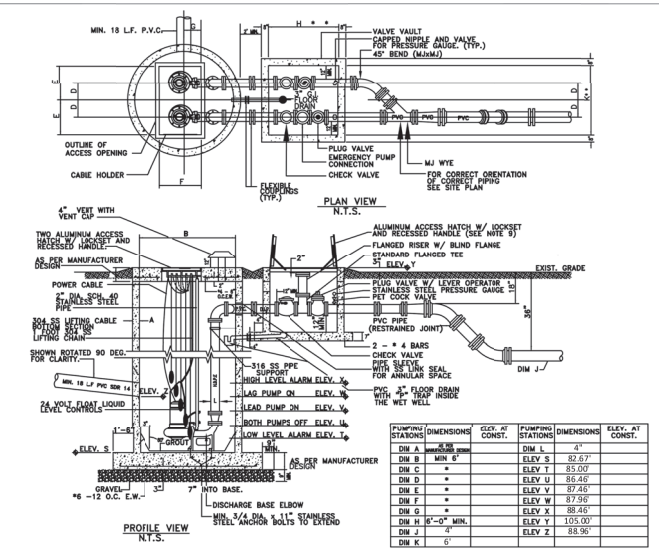
LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

SHEET NUMBER C-700

Plotted By: DeAnnah Mateo Sheet Set: LOT 7 ACCESS ROAD Layout: C-700 PHASING PLAN September 02, 2025 06:20:26pm K:\ORL\JDE\147864000_Kelly Park, Apopka FL\CADD_Advent-Shad\CADD\PlanSheets\C-700 PHASING PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.







PUMPING STATIONS	DIMENSIONS	CLCV. AT CONST.	PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.
DIM A	AS PER MANUFACTURER DESIGN		DIM L	4"	
DIM B	MIN 6"		ELEV S	82.67'	
DIM C	*		ELEV T	85.00'	
DIM D	*		ELEV U	86.46'	
DIM E	*		ELEV V	87.46'	
DIM F	*		ELEV W	87.96'	
DIM G	*		ELEV X	88.46'	
DIM H	6'-0" MIN.		ELEV Y	105.00'	
DIM J	4"		ELEV Z	88.96'	
DIM K	6'				

* PER PUMP MANUFACTURERS REQUIREMENT

GENERAL NOTES:

1. VALVE VAULT AND WET WELL LIDS SHALL BE COATED WITH 1 COAT OF TNEMEC SERIES 66, COLOR EN03, (2-3 MILS), FOLLOWED BY TOP COAT OF TNEMEC SERIES 73, COLOR EN03, (2-3 MILS) OR EQUAL.
2.A THE WET WELL SHALL BE CONSTRUCTED OF FIBERGLASS REINFORCED POLYESTER (RFP) AND MANUFACTURED FROM COMMERCIAL GRADE POLYESTER RESIN OR VINYL ESTER RESIN, WITH FIBERGLASS REINFORCEMENTS. THE WET WELL SHALL BE A ONE PIECE UNIT AND MANUFACTURED BY L.F. MANUFACTURE, INC. OR EQUAL.
2.B IN LIEU OF RFP THE WET WELL MAY BE CONSTRUCTED OF PRECAST CONCRETE HAVING A MINIMUM WALL THICKNESS OF 8 INCHES. THE INTERIOR WALLS SHALL BE LINED USING A HIGH DENSITY POLYETHYLENE PRODUCT AS MANUFACTURED BY AGRU SURE GRIP, OR EQUAL.
3. PIPING IN THE WET WELL TO BE HDPE WITH FUSED 45 DEGREES FITTINGS FROM WET WELL TO VALVE VAULT.
4. INTERIOR OF THE VALVE VAULT AND PIPING IN THE VALVE VAULT WITH ConSeal CS-55 (OR EQUAL), TWO COATS, 4 MILS EACH. PIPING SHALL BE COATED AFTER INSTALLATION.
5. VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES WITH MINIMUM CLEARANCES AS SHOWN FOR 6" DIAMETER PIPE AND SMALLER. CLEARANCES SHALL INCREASE AS REQUIRED FOR LARGER PIPE SIZES.
6. VALVE VAULT SHALL HAVE SEALED FLOOR AND DRAIN.
7. ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH WALL SLEEVE AND STAINLESS STEEL LINK SEAL.
8. THERE SHALL SE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.
9. WET WELL AND VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE LOCK BRACKET. SIZE AS REQUIRED BY PUMP MANUFACTURER AND APPROVED BY THE CITY.
10. FLEXIBLE COUPLING SHALL BE SLEEVE TYPE, EPOXY COATED.
11. PUMPS SHALL IE: MANUFACTURER: FLYGT ; MODEL: NP 3127 SH 3 ; DIA: 6 INCH ; SPEED: 1168 GPM ; DISCHARGE SIZE: 3 IN.; VOLTAGE: 230 ; HZ.: 60 ; PHASE: 3 ; H.P.: 8 ; MIN. SOLID SIZE: — IN.
12. OPERATING CONDITIONS SHALL BE 168 GPM AT 100 FEET TDH.
13. ALL HARDWARE IN WET WELL AND VALVE BOX TO BE 316 STAINLESS STEEL.
14. "P" TRAP TO BE INSTALLED IN WET WELL.
15. ALL PUBLIC LIF STATIONS SHALL BE EQUIPPED WITH SCADA SYSTEMTHE DEVELOPER SHALL PAY THE CITY COST OF THE UNIT.THE CITY WILL BE RESPONSIBLE FOR INSTALLATHN.
16. ALL LIFT STATIONS SHALL BE FENCED WITH DECORATIVE STONE OR BRICK OR AS DIRECTED BY THE CITY.
17. ALL LIFT STATIONS SHALL HAVE A 10 FEET WIDE CONCRETE ACCESS DRIVEWAY, 35' LONG FROM EDGE OF WET WELL TO BACK OF CURB.
18. ENGINEER SHAL. PROVIDE A SCALED (1" = 20' MIN.) SITE SPECIFIC DETAIL.

PUMP STATION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 301

LEGEND

- FM — FORCE MAIN PIPE
- SS — GRAVITY SANITARY SEWER PIPE
- FW — WATER MAIN PIPE
- STORM PIPE

PUMP DATA	
DESIGN POINT	100 GPM @ 109.6 TDH
MANUFACTURER	FLYGT
MODEL	NP 3127
IMPELLER	146 MM
RPM	3515 RPM
HP	8 HP
DISCHARGE DIAMETER	3 INCH
PHASE	3
MAX CYCLES PER HOUR	30
VOLTAGE	230 V

NOTES:

1. DRIVEWAY AND APRON SHALL BE SIX (6) INCH THICK, 3000 P.S.I CONCRETE. WITH NO. 6X6 WIRE MESH OR FIBER MESH.
2. POWER SUPPLY TO THE PUMP STATION SHALL BE THROUGH UNDERGROUND CONDUIT FROM SUPPLY SOURCE IN THE RIGHT-OF-WAY.
3. GATE TO BE DECORATIVE BLACK POWER COATED ALUMINUM W/ PICKET SPACING = OR <4"
4. DECORATIVE FENCE TO BE SIX (6) FOOT HIGH DECORATIVE TYPE FENCING APPROVED BY THE CITY OF APOPKA, COMMUNITY DEVELOPMENT DEPARTMENT. CHAIN LINK OR WOODEN FENCING IS NOT ALLOWED.
5. WET WELL LID MUST OPEN TOWARD CONTROL PANEL (HINGE SIDE TOWARD PANEL).
6. LIFT STATION WALL TO BE PLACED AT LEAST 15FT. BEHIND THE R/W LINE.
7. CHANGE IN LOCATION OR ORIENTATION OF CONTROL PANEL MUST BE APPROVED BY CITY OF APOPKA STAFF PRIOR TO PANEL INSTALLATION.
8. WATER SERVICE REQUIRED VIA HOSE BIB. HOSE BIB TO BE PROTECTED BY A 3/4" RPZ.
9. CONTRACTOR TO REFER TO CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION STANDARDS MANUAL (INCLUDING CHAPTERS 2, 4, 7, AND APPENDIX C) FOR FULL CITY SPECIFICATIONS.
10. TWO PUMPS ARE REQUIRED PER SECTION 22.2.2.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2/2025

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KHA PROJECT 147864000
DATE 05/01/2025
SCALE AS SHOWN
DESIGNED BY MDA
DRAWN BY MRM
CHECKED BY MRC

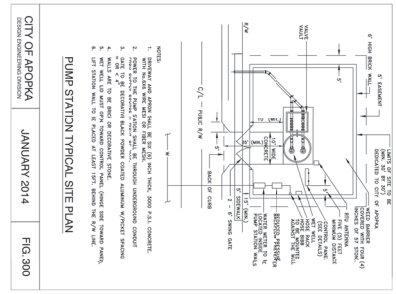
LOT 7 ACCESS ROAD
PREPARED FOR
KELLY PARK VB DEVELOPMENT LLC
APOPKA FL

LIFT STATION PLAN

SHEET NUMBER LS-1

Plotted By: DeAnnah Mateo Sheet Set: LOT 7 ACCESS ROAD Layout: C-600 LIFT STATION PLAN September 02, 2025 06:20:39pm K:\ORB_LDEV\147864000 Kelly Park Apopka FL\CADD_Advent-Storm\CADD\PlotSheet\C-600 LIFT STATION PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. and be without liability to Kimley-Horn and Associates, Inc.

Plotted By:DeArmas, Moises Sheet Set:LOT 7 ACCESS ROAD Layout:C-650 LS DETAILS September 02, 2025 06:20:41pm K:\VRB_LDEV\147864000_Kelly Park, Apopka FL\CADD_Advent-Shah\CADD\PlanSheets\C-600 LIFT STATION PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

sunshine811.com

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHEET NUMBER LS-1.1

LOT 7 ACCESS ROAD

PREPARED FOR

KELLY PARK VB DEVELOPMENT LLC

APOPKA FL

LIFT STATION DETAILS

KHA PROJECT	147864000
DATE	05/01/2025
SCALE	AS SHOWN
DESIGNED BY	MDA
DRAWN BY	MRM
CHECKED BY	MRC

STATE OF FLORIDA PROFESSIONAL ENGINEER MACKENZIE CERJAN LICENSE No. 90545

9/2/2025

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

No.	REVISIONS	DATE	BY

CONSTRUCTION SITE PLAN

FOR

ONDICH SOUTH

CITY OF APOPKA, FLORIDA

OCPA PARCEL ID # 11-20-27-0000-00-037, 11-20-27-0000-00-069, 12-20-27-0000-00-001, 12-20-27-0000-00-012, 12-20-27-0000-00-046, 12-20-27-0000-00-048

LEGAL DESCRIPTION PER ALLEN & COMPANY PROFESSIONAL SURVEYORS & MAPPERS DATED: NOVEMBER 7, 2023

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF ORANGE, STATE OF FLORIDA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:

A PARCEL OF LAND LYING IN SECTIONS 11 AND 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF THE NE1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE27 EAST; THENCE ALONG A BEARING OF THE NE 1/4, NORTH 00 DEGREES 27 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 4.29.57 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 1,320.00 FEET; THENCE NORTH 00 DEGREES 28 MINUTES 33 SECONDS WEST, FOR A DISTANCE OF 30.00 FEET; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS WEST, PARALLEL WITH THE SOUTH LINE OF SAID NE 1/4 OF SECTION 11, FOR A DISTANCE OF 1,320.00 FEET; THENCE SOUTH 00 DEGREES 28 MINUTES 33 SECONDS EAST, PARALLEL WITH THE EAST LINE OF SAID NE 1/4 OF SECTION 11, FOR A DISTANCE OF 30.00 FEET TO A POINT ON THE SOUTH LINE OF SAID NE 1/4 OF SECTION 11; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS WEST ALONG SAID SOUTH LINE OF SAID NE 1/4 OF SECTION 11, FOR A DISTANCE OF 1,320.00 FEET TO A POINT ON THE SOUTHEAST CORNER OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11; THENCE NORTH 00 DEGREES 28 MINUTES 33 SECONDS WEST ALONG THE EAST LINE OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11, FOR A DISTANCE OF 2,640.00 FEET TO A POINT ON THE NORTHEAST CORNER OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS WEST ALONG THE NORTH LINE OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11, FOR A DISTANCE OF 1,320.00 FEET TO A POINT ON THE NORTHWEST CORNER OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11; THENCE SOUTH 00 DEGREES 28 MINUTES 33 SECONDS EAST ALONG THE WEST LINE OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11, FOR A DISTANCE OF 2,640.00 FEET TO A POINT ON THE SOUTHWEST CORNER OF THE W1/2 OF THE SE 1/4 OF SAID SECTION 11; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS EAST, FOR A DISTANCE OF 1,320.00 FEET; THENCE NORTH 00 DEGREES 28 MINUTES 33 SECONDS WEST, FOR A DISTANCE OF 30.00 FEET; THENCE SOUTH 89 DEGREES 27 MINUTES 57 SECONDS WEST, PARALLEL WITH THE SOUTH LINE OF SAID NE 1/4 OF SECTION 11, FOR A DISTANCE OF 1,320.00 FEET TO THE POINT OF BEGINNING.

AND

ALL OF THE PARTY'S RIGHT, TITLE AND INTEREST IN A NON-EXCLUSIVE, CONTIGUOUS 5 FOOT EASEMENT FOR INGRESS AND EGRESS TO UNDERSTAND, LYING 5 FEET ON EITHER SIDE OF A CENTER LINE DESCRIBED AS FOLLOWS: FROM THE S.W. CORNER OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, RUN THENCE S89°58'E ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, RUN THENCE S89°58'E ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4, 65 FEET TO THE POINT OF BEGINNING; THENCE N00°02'E PARALLEL WITH THE WEST LINE OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, 1,320 FEET, MORE OR LESS, TO THE NORTH LINE OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ALL IN ORANGE COUNTY, FLORIDA. THIS SURVEYOR ASSUMES THE WEST LINE OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, TO BEAR N00°02'E AND ALL OTHER BEARINGS ARE RELATIVE THERETO.

AND

ALL OF GRANTOR'S RIGHT, TITLE AND INTEREST IN A NON-EXCLUSIVE, CONTIGUOUS 10 FOOT EASEMENT FOR INGRESS AND EGRESS TO UNDERSTAND, LYING 5 FEET ON EITHER SIDE OF A CENTER LINE DESCRIBED AS FOLLOWS: FROM THE S.W. CORNER OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, RUN THENCE S89°58'E ALONG THE SOUTH LINE OF THE NORTH 1/2 OF THE SW 1/4 OF THE NE 1/4, 65 FEET TO THE POINT OF BEGINNING; THENCE N00°02'E PARALLEL WITH THE WEST LINE OF THE NE 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, 1,320 FEET, MORE OR LESS, TO THE NORTH LINE OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 28 EAST, ALL IN ORANGE COUNTY, FLORIDA. THIS IS REVERTED AS PARCEL ONE ON THAT CERTAIN WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 3360, PAGE 1277, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

PARCEL 2:

PARCEL 1, BEGINNING AT A POINT 54.21 CHAINS NORTH OF QUARTER SECTION POST ON WEST BOUNDARY OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST; RUNNING EAST 16.49 CHAINS; NORTH 81 CHAINS; WEST 16.49 CHAINS; SOUTH 81 CHAINS TO BEGINNING, LESS RD. AS DEED IN OR 3360/1277 ON THE WEST, ALL ORANGE COUNTY, FLORIDA.

LESS THAT PORTION AS DESCRIBED IN O.R. BOOK 8008, PAGE 757, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

AND

LESS THAT PORTION OF PARCEL 1 AND THE PORTION OF PARCEL 5 AS DESCRIBED IN O.R. BOOK 5875, PAGE 3376, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

PARCEL 3, BEGINNING 26.14 CHAINS SOUTH OF NORTHWEST CORNER, RUN 16.49 CHAINS, EAST 81.33 CHAINS, NORTH 81.33 CHAINS, WEST 33.33 CHAINS, SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA.

TOGETHER WITH AN EASEMENT FOR THE PURPOSES OF INGRESS AND EGRESS AND TRANSPORTING GROVE CARE EQUIPMENT AND MACHINERY, OVER THE NORTH 160 FEET OF LAND CONVEYED TO ISBELL J. OSBORNE BY WARRANTY DEED FROM NANCY C. NEW, RECORDED JANUARY 5, 1971 IN OFFICIAL RECORDS BOOK 2019, PAGE 671, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA AND EASEMENT BEGINNING ON THE EAST 60' OF EFFIE ROAD AND RUNNING WESTERLY TO THE SECTION LINE, IN ACCORDANCE WITH THE FINAL JUDGMENT DATED OCTOBER 18, 1979 AND FILED OCTOBER 22, 1979 IN OFFICIAL RECORDS BOOK 2652, PAGE 235, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, BEING THE SAME PROPERTY CONVEYED TO THE GRANTOR HEREIN BY THE SAID FINAL JUDGMENT IN CAUSE NO. 79-CA-1 AND STYLED ISBELL J. OSBORNE AND ISBELL OSBORNE, JR. AND ANNE D. ISBELL OSBORNE, WIFE; MARY ELIZABETH OSBORNE AND HARRY SMITH, ET AL., WIFE, HUSBAND.

PARCEL 5 FROM THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, RUN SOUTH 89°28' 29" WEST, ALONG THE EAST LINE OF SAID NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, A DISTANCE OF 1320.00 FEET; THENCE SOUTH 00°02'39" WEST, 30.00 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF EFFIE ROAD; THENCE RUN SOUTH 00°02'39" WEST, ALONG SAID RIGHT-OF-WAY LINE OF EFFIE ROAD, 330.00 FEET TO A POINT ON THE SOUTH LINE OF THE NORTH 330 FEET OF THE EAST 330 FEET OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12; THENCE RUN SOUTH 89°28' 29" WEST, ALONG SAID SOUTH LINE, 330.00 FEET; THENCE RUN NORTH 00°02'39" EAST, 330.00 FEET TO A POINT ON THE NORTH LINE OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12; THENCE RUN NORTH 89°28' 29" EAST, ALONG SAID NORTH LINE, 330.00 FEET TO THE POINT OF BEGINNING. LESS THE NORTH 30 FEET THEREOF.

PARCEL 6 FROM THE QUARTER CORNER FOR THE TWELVE EIGHT SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, RUN SO 89 DEGREES 28 MINUTES 29 SECONDS WEST ALONG SECTION LINE 30.00 FEET FOR A POINT OF BEGINNING; RUN SOUTH EAST 360.00 FEET; THENCE RUN NORTH 00.36 FEET; THENCE RUN EAST 330.00 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF EFFIE ROAD; THENCE RUN NORTH 00°02'39" EAST ALONG SAID WESTERLY RIGHT-OF-WAY LINE 30.00 FEET; THENCE RUN NORTH 89°28' 29" WEST, ALONG SAID SECTION LINE, 330.00 FEET TO THE POINT OF BEGINNING.

PARCEL 7 FROM THE NORTHEAST CORNER OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, RUN SOUTH 89°28' 29" WEST, ALONG THE EAST LINE OF SAID NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, A DISTANCE OF 1320.00 FEET; THENCE SOUTH 00°02'39" WEST, 30.00 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF EFFIE ROAD; THENCE RUN SOUTH 00°02'39" WEST, ALONG SAID RIGHT-OF-WAY LINE, 330.00 FEET TO A POINT ON THE SOUTH LINE OF THE NORTH 330 FEET OF THE EAST 330 FEET OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12; THENCE RUN SOUTH 89°28' 29" WEST, ALONG SAID SOUTH LINE, 330.00 FEET; THENCE RUN NORTH 00°02'39" EAST, 330.00 FEET TO A POINT ON THE NORTH LINE OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12; THENCE RUN NORTH 89°28' 29" EAST, ALONG SAID NORTH LINE, 330.00 FEET TO THE POINT OF BEGINNING.

LESS PORTION OF PARCEL 3 AS DESCRIBED IN OFFICIAL RECORDS BOOK 5875, PAGE 3376, IF ANY, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

PARCEL 10:

FROM THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, RUN SOUTH 89°58'27" EAST ALONG THE WEST LINE OF SAID NORTHWEST QUARTER, A DISTANCE OF 60.00 FEET TO A POINT ON THE SOUTH RIGHT OF WAY LINE OF ORDICH ROAD; THENCE RUN NORTH 89°40'42" EAST ALONG SAID RIGHT OF WAY LINE 330.01 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 89°40'42" EAST ALONG SAID RIGHT OF WAY LINE 330.01 FEET; THENCE SOUTH 00°09'07" EAST 660.00 FEET TO THE SOUTH BOUNDARY OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 12; THENCE RUN SOUTH 89°40'42" WEST ALONG SAID SOUTH BOUNDARY 330.01 FEET; THENCE RUN NORTH 00°09'07" WEST 660.00 FEET TO THE POINT OF BEGINNING.

PARCEL 11:

FROM THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, RUN SOUTH 89°58'27" EAST ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, A DISTANCE OF 60.00 FEET TO A POINT ON THE SOUTH RIGHT OF WAY LINE OF ORDICH ROAD; THENCE RUN NORTH 89°40'42" EAST ALONG SAID RIGHT OF WAY LINE 330.01 FEET; THENCE RUN SOUTH 00°09'07" EAST 660.00 FEET TO THE SOUTH BOUNDARY OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 12; THENCE RUN SOUTH 89°40'42" WEST ALONG SAID SOUTH BOUNDARY 330.01 FEET TO THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 12; THENCE RUN NORTH 00°09'07" WEST ALONG THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 12, A DISTANCE OF 660.00 FEET TO THE POINT OF BEGINNING.

PARCEL 9:

FROM THE NORTHWEST CORNER OF THE NORTHWEST 1/4 OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA, RUN SOUTH 00 DEGREES 09 MINUTES 07 SECONDS EAST ALONG THE WEST LINE OF SAID NORTHWEST 1/4 OF SECTION 12, A DISTANCE OF 60.00 FEET TO A POINT ON THE SOUTH RIGHT OF WAY LINE OF ORDICH ROAD; THENCE RUN NORTH 89 DEGREES 40 MINUTES 42 SECONDS EAST ALONG SAID RIGHT OF WAY LINE 330.01 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE NORTH 89 DEGREES 40 MINUTES 42 SECONDS EAST ALONG SAID RIGHT OF WAY LINE 330.01 FEET; THENCE RUN SOUTH 00 DEGREES 09 MINUTES 07 SECONDS EAST FOR A DISTANCE OF 660.00 FEET; THENCE RUN SOUTH 89 DEGREES 40 MINUTES 42 SECONDS WEST ALONG SAID SOUTH LINE OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, A DISTANCE OF 330.01 FEET; THENCE RUN NORTH 00 DEGREES 09 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 660.00 FEET TO THE POINT OF BEGINNING.

PARCEL 8:

THE SOUTH 30 FEET OF THE EAST 660. 32 FEET OF THE WEST 1/4 OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 27 EAST, ORANGE COUNTY, FLORIDA.

LESS AND EXCEPT THAT PORTION DESCRIBED IN CERTIFICATE OF TITLE AND IDENTIFIED THEREIN AS PARCEL 1026 (PERSONS), RECORDED AS CLERKS INSTRUMENT NO. 2009 194795, OF THE PUBLIC RECORDS OF ORAN GE COUNTY FLORIDA.

CONTAINING 543 ACRES, MORE OR LESS.

PROJECT TEAM:

APPLICANT/DEVELOPER
PULTE HOME COMPANY, LLC.
CONTACT: BERNARD SULLIVAN
4901 VINELAND ROAD, SUITE 500
ORLANDO, FLORIDA 32811
PHONE: (407) 967-5564
EMAIL: BERNARD.SULLIVAN@PULTEGROUP.COM

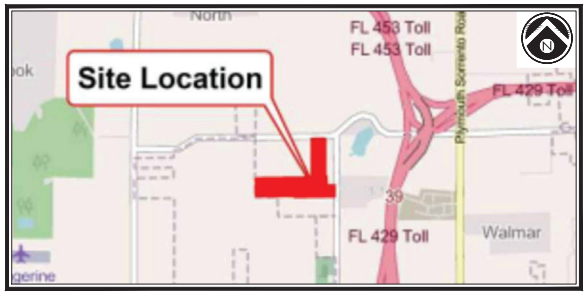
ENGINEER
1828 ENGINEERING, LLC
ENGINEER: SOFIA C. SIERRA-GIL, P.E.
2400 MAITLAND CENTER PARKWAY, SUITE 107
MAITLAND, FLORIDA 32751
PHONE: (407) 558-2228
EMAIL: SSANCHEZ@1828ENG.COM

SURVEYOR
ALLEN & COMPANY, INC.
SURVEYOR: BRICE HELLSTORM, P.S.M.
16 EAST PLANT STREET
WINTER GARDEN, FLORIDA, 34787
PHONE: (407) 654-5355
EMAIL: BRIC@ALLEN-COMPANY.COM

ENVIRONMENTAL CONSULTANT
BIO-TECH CONSULTING, INC.
ENVIRONMENTALIST: STEPHEN BUTLER
3025 EAST SOUTH STREET
ORLANDO, FLORIDA 32803
PHONE: (407) 894-5969
EMAIL: STEVE@BIO-TECHCONSULTING.COM

GEOTECHNICAL ENGINEER
UNIVERSAL ENGINEERING SCIENCES, LLC
ENGINEER: RICARDO C. KIRIAKIDIS, P.E.
3532 MAGGIE BLVD.,
ORLANDO, FLORIDA 32811
PHONE: (407) 423-3106
EMAIL: RKIRIAKIDIS@TEAMUES.COM

TRAFFIC ENGINEER
TRAFFIC & MOBILITY CONSULTANTS, LLC
ENGINEER: AYMAN HASAN AS-SAIDI, P.E.
3101 MAGUIRE BOULEVARD, SUITE 265
ORLANDO, FLORIDA 32803
PHONE: (407) 531-5332
EMAIL: AYMANA@TRAFFICMOBILITY.COM



VICINITY MAP

SCALE: 1" = 2000'

UTILITY PROVIDERS

WATER/SEWER/RECLAIMED:
CITY OF APOPKA
748 E. CLEVELAND STREET
APOPKA, FLORIDA 32703
CONTACT: DA HUO, P.E.
PHONE: (407) 703-1731

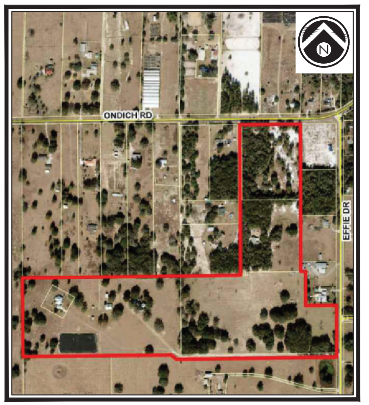
SOLID WASTE COLLECTION:
CITY OF APOPKA
748 EAST CLEVELAND STREET
APOPKA, FLORIDA 32703
CONTACT: JOSH ROBINSON
PHONE: (407) 703-1731

CABLE:
CHARTER COMMUNICATIONS
(A.K.A. SPECTRUM)
3767 ALL AMERICAN BOULEVARD
ORLANDO, FLORIDA 32810
CONTACT: TRACEY DOMOSTOY
PHONE: (407) 532-8599

TELEPHONE/FIBER:
CENTURY LINK
33 NORTH MAIN STREET, ROOM 144
WINTER GARDEN, FLORIDA 34787
CONTACT: BILLY HAGER
PHONE: (407) 814-5129

CHARTER COMMUNICATIONS
(A.K.A. SPECTRUM)
3767 ALL AMERICAN BOULEVARD
ORLANDO, FLORIDA 32810
CONTACT: TRACEY DOMOSTOY
PHONE: (407) 532-8599

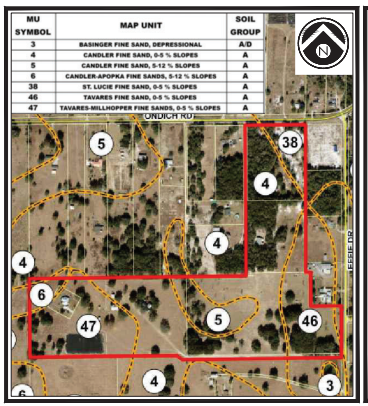
POWER:
DUKE ENERGY
3250 BONNETT CREEK ROAD
PO BOX 10040
LAKE BUENA VISTA, FLORIDA 32830
CONTACT: JENNIFER NAZARIAN
PHONE: (407) 938-6611



AERIAL MAP

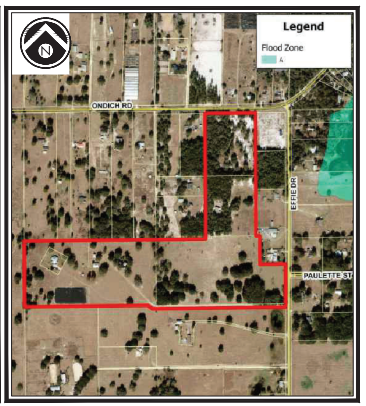
SCALE: 1" = 500'

MU SYMBOL	MAP UNIT	SOIL GROUP
3	BASINGER FINE SAND, DEPRESSIONAL	A/D
4	CANDLER FINE SAND, 0-5 % SLOPES	A
5	CANDLER FINE SAND, 5-12 % SLOPES	A
6	CANDLER-APOPKA FINE SANDS, 5-12 % SLOPES	A
38	ST. LUCIE FINE SAND, 0-5 % SLOPES	A
46	TAVARES FINE SAND, 0-5 % SLOPES	A
47	TAVARES-MILLHOPPER FINE SANDS, 0-5 % SLOPES	A



SOILS MAP

SCALE: 1" = 500'



FEMA FLOOD MAP

SCALE: 1" = 600'

NARRATIVE:

THE PROPERTY IS MADE UP OF SIX PARCELS LOCATED ON THE WEST SIDE OF EFFIE DRIVE AND THE SOUTH SIDE OF ONDICH ROAD. THE ADDRESSES FOR THE CORRESPONDING PARCELS ARE 3744 AND 3800 ONDICH ROAD, AND 5580, 5600, AND 5712 EFFIE DRIVE, APOPKA, FLORIDA 32712. THE SUBJECT PROPERTY HAS A TOTAL AREA OF 54.85 ACRES. THE PROPOSED DEVELOPMENT CONSISTS OF A COMMERCIAL OUTPARCEL AND A RESIDENTIAL SUBDIVISION WITH 326 FEE-SIMPLE SINGLE-FAMILY LOTS INCLUDING A MIXTURE OF TOWNHOMES AND BUNGALOWS ALONG WITH THE ASSOCIATED ROADWAYS, OPEN SPACE, AND RETENTION/DETENTION AREAS. THE POTABLE WATER, RECLAIMED WATER AND WASTEWATER WILL BE PROVIDED BY THE CITY OF APOPKA UTILITIES. A COMMUNITY GOVERNANCE ENTITY, SUCH AS A HOMEOWNERS ASSOCIATION, WILL BE CREATED FOR ALL LANDS EXCLUSIVE OF THE INDIVIDUAL LOTS AND THE COMMERCIAL PARCEL TO CONTROL AND MAINTAIN ALL COMMON AREAS.

SHEET INDEX

1	C0.0	COVER SHEET
2	C1.0	GENERAL NOTES
3	C1.1	ABBREVIATIONS & SYMBOLS
4-8	C1.2	EXISTING CONDITIONS PLAN
9-13	C2.0	DEMO, EROSION & M.O.T. PLAN
14-15	C2.6	M.O.T. DETAILS
16	C3.0	MASTER PLAN
17	C3.1	KPI-MU DEVELOPMENT STANDARDS
18-21	C4.0	GEOMETRY PLAN
22	C4.4	CURVE & LINE TABLES
23	C4.5	LINE TABLES
24	C4.6	LOT DATA TABLE
25	C4.7	CROSS SECTIONS
26-34	C4.8	PHASING PLAN
35	C4.17	FIRE TRUCK ROUTE PLAN
36	C4.18	FIRE TRUCK ROUTE DETAILS
37	C4.19	LIGHTING PLAN
38-41	C4.20	SIGNAGE & STRIPING PLAN
42	C5.0	UTILITY NOTES
43-47	C5.1	UTILITY PLAN
48-51	C6.0	PAVING & GRADING PLAN
52-55	C7.0	DRAINAGE PLAN
56-89	C8.0	PLAN & PROFILES
90	C9.0	CIVIL DETAILS
91-93	C10.0	DRAINAGE DETAILS
94-96	C11.0	UTILITY DETAILS
97-98	C11.3	LIFT STATION DETAILS
99		LANDSCAPE COVER SHEET
100	L-001	EXISTING TREE MITIGATION KEY SHEET
101-103	L-002 - L-004	EXISTING TREE MITIGATION PLAN
104-105	L-005 - L-006	EXISTING TREE NUMBER REFERENCE
106	L-007	EXISTING TREE COVERAGE & CALCULATIONS
107	L-010	LANDSCAPE AND IRRIGATION KEY SHEET
108-120	L-300 - L-312	CSP LANDSCAPE PLAN
121	L-313	LANDSCAPE PLANT LIST AND NOTES
122	L-314	SINGLE FAMILY AND TOWNHOME TYPICAL LANDSCAPE PLAN
123-125	L-315 - L-317	LANDSCAPE, SIGN, AND FENCE DETAILS
126-137	L-400 - L-411	CSP IRRIGATION PLAN
138-141	L-412 - L-415	IRRIGATION SCHEDULE, NOTES, DETAILS, AND SPECIFICATIONS
142-144	L-500 - L-502	PHOTOMETRIC PLAN
145	1	LEGAL DESCRIPTION, SURVEY NOTES, LEGEND, CERTIFICATION
146	2	OVERALL BOUNDARY SURVEY
147	3	OVERALL TOPOGRAPHIC SURVEY
148-150	4-6	TREE SURVEY
151-152	7-8	TREE TABLE
153-154	9-10	OFFSITE TOPOGRAPHY AND UTILITY
155-158	11-14	OFFSITE SUBSURFACE UTILITY

SHEET 1 OF 158

1828 ENGINEERING

2400 MAITLAND CENTER PARKWAY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING CERTIFICATE NO. 39060

PERMITS REQUIRED

AGENCY	PERMIT TYPE	DATE APPLIED	DATE APPROVED	APPROVAL NO.
CITY OF APOPKA	CONSTRUCTION SITE PLAN			
CITY OF APOPKA	ARBOR MITIGATION PERMIT			
S.J.R.W.M.D.	ENV. RESOURCE PERMIT (ERP)	01/23/25	03/26/25	230752-1
F.D.E.P.	WATER			
F.D.E.P.	WASTEWATER			
F.D.E.P.	NPDES			
ORANGE COUNTY	E-PERMIT	02/24/25	TBD	25-E-058

REV.	DATE	DESCRIPTION
1	03/07/2025	SJRWMD COMMENTS DATED 02/21/2025
2	05/14/2025	CITY OF APOPKA COMMENTS DATED 05/14/2025
3	08/14/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025
4		
5		
6		
7		
8		

FLORIDA LICENSED PROFESSIONAL ENGINEER
Sofia C Sierra-Gil
STATE OF FLORIDA

THE SEAL AND SIGNATURE APPEARING ON THIS DOCUMENT WERE AUTHORIZED BY SOFIA C. SIERRA-GIL, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

I:_PROJECT DRAWINGS\PU1L-048 Ondich South Assemblage\Drawings\CAD Civil\3D\Layouts\05 Construction Site Plan\COVER SHEET.dwg Plotted:9/22/2025 By:cafrancis

GENERAL NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL WORK SHALL BE PERFORMED CONSISTENT WITH THE FOLLOWING SPECIFICATIONS:

- ORANGE COUNTY, FLORIDA
- CITY OF APOPKA, FLORIDA
- ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
- FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

2. THE GEOTECHNICAL REPORT SHALL BE REVIEWED BY THE CONTRACTOR, AND THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE, INCLUDING ALL SURFACE AND SUBSURFACE CONDITIONS, THE WORK REQUIRED, AND ALL OTHER CONDITIONS THAT MAY AFFECT THE SUCCESSFUL COMPLETION OF THE JOB PRIOR TO COMMENCEMENT OF WORK.

3. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND PERMIT CONDITIONS BEARING ON THE CONDUCT OF THE WORK, AS DRAWN AND SPECIFIED. IF THE CONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT VARIANCE THEREWITH, HE SHALL PROMPTLY NOTIFY THE ENGINEER, IN WRITING, AND ANY NECESSARY CHANGES SHALL BE ADJUSTED, AS PROVIDED IN THE AGREEMENT FOR CHANGES IN THE WORK.

4. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER AND THE ENGINEER FOR THE ACTS AND OMISSIONS OF CONTRACTOR'S EMPLOYEES AND ALL HIS SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH GOVERNMENTAL DEPARTMENTS, PUBLIC UTILITIES, PUBLIC CARRIERS, SERVICE COMPANIES, AND CORPORATIONS OWNING OR CONTROLLING ROADWAYS, RAILWAYS, WATER, SEWER, GAS, ELECTRICAL, TELEPHONE, AND TELEGRAPH FACILITIES SUCH AS PAVEMENTS, TRACKS, PIPING, WIRES, CABLES, CONDUITS, POLES, GUYS, OR OTHER SIMILAR FACILITIES, INCLUDING INCIDENTAL STRUCTURES CONNECTED THEREWITH THAT ARE ENCOUNTERED IN THE WORK IN ORDER THAT SUCH ITEMS MAY BE PROPERLY SUPPORTED, PROTECTED OR LOCATED.

6. UNLESS OTHERWISE SPECIFIED IN THE GENERAL CONDITIONS, ALL CONSTRUCTION IS TO BE GOVERNED BY THE PLANS, APPLICABLE PERMITS, AND SPECIFICATIONS HEREIN, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING AND SAFETY CODES, LAWS AND ORDINANCES.

7. PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC OR UTILITY RIGHT-OF-WAY, CONTRACTOR SHALL OBTAIN AUTHORIZATION AND PERMIT FROM JURISDICTION RESPONSIBLE FOR SUCH RIGHT-OF-WAY. IN ADDITION, CONTRACTOR SHALL OBTAIN GAS I.D. NUMBER FROM LOCAL GAS COMPANY AND NOTIFY SUNSHINE STATE ONE-CALL UTILITY NOTIFICATION CENTER AT 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO START OF WORK.

8. PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC RIGHT-OF-WAY, CONTRACTOR SHALL DEVELOP AND IMPLEMENT A TRAFFIC CONTROL PLAN CONSISTENT WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, AND SUBMIT TO THE COUNTY ENGINEER FOR APPROVAL.

9. IN THE EVENT THE CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND/OR OWNER OR OWNER'S AGENT.

10. CONTRACTOR SHALL PRESERVE AND PROTECT ALL PERMANENT REFERENCE MONUMENTS, PERMANENT CONTROL POINTS, PERMANENT BENCH MARKS AND PROPERTY CORNERS. IN THE EVENT THE MONUMENTS, POINTS OR MARKERS ARE DISTURBED THE CONTRACTOR SHALL EMPLOY A FLORIDA REGISTERED LAND SURVEYOR TO RESET OR REPLACE THEM.

11. THE OWNER, OWNER'S AGENT AND INSPECTORS OF APPLICABLE GOVERNMENT JURISDICTIONS, SHALL AT ALL TIMES HAVE ACCESS TO THE WORK WHEREVER AND WHENEVER IT IS IN PREPARATION OR PROGRESS; AND THE CONTRACTOR SHALL PROVIDE PROPER FACILITIES FOR SUCH ACCESS AND FOR THE INSPECTION.

12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL REASONABLE AND PRUDENT PRECAUTIONS TO INSURE THAT ALL COMPLETED WORK, MATERIALS AND EQUIPMENT STORED ON SITE ARE SAFE AND SECURED FROM UNAUTHORIZED ACCESS, USE, THEFT, OR VANDALISM. SUCH PRECAUTIONS MAY INCLUDE INSTALLATION OF SIGNS, FENCES, OR POSTING OF SECURITY GUARDS.

13. CONTRACTOR SHALL, AT ALL TIMES, UTILIZE ALL NORMALLY ACCEPTED AND REASONABLY EXPECTED SAFETY PRACTICES AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND GUIDELINES PERTAINING TO SAFE UTILIZATION OF EQUIPMENT OR MATERIALS AS PUBLISHED BY THEIR MANUFACTURER'S.

14. PRIOR TO INITIATING ANY EXCAVATION (INCLUDING BUT NOT LIMITED TO TUNNELS, DITCHES, STORM WATER PONDS, CANALS, ARTIFICIAL LAKES) CONTRACTOR SHALL INSTALL FENCES AND/OR TAKE ALL OTHER REASONABLE AND PRUDENT STEPS TO INSURE THAT ACCESS TO EXCAVATION BY UNAUTHORIZED PERSONNEL IS PREVENTED.

15. CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE PROVISIONS OF THE FLORIDA STATE TRENCH SAFETY ACT.

16. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO:

    A. ALL EMPLOYEES ON THE WORK AND ALL OTHER PERSONS WHO MAY BE AFFECTED THEREBY;

    B. ALL THE WORK AND ALL MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF THE SITE, UNDER THE CARE, CUSTODY OR CONTROL OF THE CONTRACTOR OR ANY OF ITS SUBCONTRACTORS;

    C. OTHER PROPERTY AT THE SITE OR ADJACENT THERETO, INCLUDING TREES, SHRUBS, LAWNS, WALKS, PAVEMENTS, ROADWAY, STRUCTURES AND UTILITIES NOT DESIGNATED FOR DEMOLITION IN THE COURSE OF CONSTRUCTION.

17. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY CODES AND WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC, QUASI PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR FOR THEIR PROTECTION AGAINST DAMAGE, INJURY OR LOSS, OR DESIGNED TO PROTECT THE ENVIRONMENT. THE CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGOSS OF THE WORK, ALL REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES OF THE EXISTENCE OF HAZARDS AND OF THE SAFETY REGULATIONS.

18. ALL DAMAGE OR LOSS TO ANY PROPERTY CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR, A SUBCONTRACTOR, OR BY ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, SHALL BE REMEDIED BY THE CONTRACTOR, EXCEPT DAMAGE OR LOSS PROPERLY ATTRIBUTABLE SOLELY TO THE ACTS OR OMISSIONS OF THE OWNER, OR THE ENGINEER OR ANYONE EMPLOYED BY THEM, OR FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, AND NOT PROPERLY ATTRIBUTABLE IN WHOLE OR IN PART, TO THE FAULT OR NEGLIGENCE OF THE CONTRACTOR.

19. THOSE PARTS OF WORK IN PLACE WHICH ARE SUBJECT TO DAMAGE BECAUSE OF OPERATIONS BEING CARRIED ON ADJACENT THERETO SHALL BE COVERED, BOARDED UP OR SUBSTANTIALLY ENCLOSED WITH ADEQUATE PROTECTION BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.

20. UNTIL FINAL ACCEPTANCE OF THE WORK BY OWNER, THE CONTRACTOR SHALL HAVE THE CHARGE AND CARE OF AND SHALL BEAR THE RISK OF INJURY OR DAMAGE, LOSS OR EXPENSE TO ANY PART THEREOF, OR TO ANY MATERIALS STORED ON SITE, BY THE ACTION OF THE ELEMENTS OR FROM ANY OTHER CAUSE WHETHER ARISING FROM THE EXECUTION OR NON-EXECUTION OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD ALL INJURIES OR DAMAGES TO ANY PORTION OF THE WORK OCCASIONED BY ANY OF THE ABOVE CAUSES BEFORE FINAL ACCEPTANCE AND SHALL BEAR THE EXPENSES THEREOF.

21. ADEQUATE TRAFFIC CONTROL, BARRICADES AND FLAGMAN SERVICES SHALL BE FURNISHED AND MAINTAINED BY THE CONTRACTOR AT ALL POINTS WHERE CONVEYING EQUIPMENT ENGAGED ON THE WORK REGULARLY ENTERS ONTO OR CROSSES TRAFFIC-CARRYING ROADS.

22. THE CONTRACTOR SHALL COMPLY IN EVERY RESPECT WITH THE FEDERAL OCCUPATIONAL HEALTH AND SAFETY ACT OF 1970 AND ALL RULES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER SAID ACT, AND THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY AND ALL APPLICABLE STATE LAWS AND REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH.

23. CONTRACTOR AND ITS SUBCONTRACTORS SHALL USE, HANDLE, TRANSPORT, AND DISPOSE OF ALL MATERIALS (HAZARDOUS OR OTHERWISE) IN COMPLIANCE WITH ALL PRESENT FEDERAL, STATE AND LOCAL ENVIRONMENTAL, HEALTH OR SAFETY LAW, INCLUDING, BUT NOT LIMITED TO, ALL SUCH STATUTES, REGULATIONS, RULES, ORDINANCES, CODES, AND RULES OF COMMON LAW.

24. CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE DISCHARGE, RELEASE OR DISPOSAL OF ANY HAZARDOUS MATERIAL CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH SPILL ON PERSONS OR PROPERTY.

25. THE CONTRACTOR SHALL PROTECT AND KEEP OWNER (INCLUDING THEIR AGENTS AND EMPLOYEES) FREE AND HARMLESS FROM ANY AND ALL LIABILITY, PUBLIC OR PRIVATE, PENALTIES, CONTRACTUAL OR OTHERWISE, LOSSES, DAMAGES, COSTS, ATTORNEY'S FEES, EXPENSES, CAUSES OF ACTION, CLAIMS OR JUDGMENTS RESULTING FROM THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AS AMENDED OR ANY RULE OR REGULATION PROMULGATED THEREUNDER OR OF ANY STATE LAWS OR REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF WORK OR WORK TO BE PERFORMED UNDER THIS CONTRACT, AND CONTRACTOR SHALL INDEMNIFY OWNER FROM ANY SUCH CLAIMS, PENALTIES, SUITS OR ACTIONS, PUBLIC OR PRIVATE, ADMINISTRATIVE OR JUDICIAL, INCLUDING ATTORNEY'S FEES PAID OR INCURRED BY OR ON BEHALF OF OWNER, JOINTLY OR SEVERALLY, AND/OR THEIR AGENTS AND EMPLOYEES. THE CONTRACTOR FURTHER AGREES, IN THE EVENT OF A CLAIMED VIOLATION OF ANY FEDERAL OR STATE SAFETY AND HEALTH LAW OR REGULATION ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF WORK OR WORK TO BE PERFORMED UNDER THIS CONTRACT, OWNER MAY IMMEDIATELY TAKE WHATEVER ACTION IS DEEMED NECESSARY BY OWNER TO REMEDY THE CLAIMED VIOLATION. ANY AND ALL COSTS OR EXPENSES PAID OR INCURRED BY OWNER IN TAKING SUCH ACTION SHALL BE BORNE BY CONTRACTOR, AND CONTRACTOR AGREES TO PROTECT, HOLD HARMLESS AND INDEMNIFY OWNER AGAINST ANY AND ALL SUCH COSTS OR EXPENSES.

26. CONTRACTOR AND ITS SUBCONTRACTORS SHALL, UPON COMPLETION OF PERFORMANCE OF ALL DUTIES UNDER THIS CONTRACT, REMOVE ALL SUPPLIES, MATERIALS, AND WASTE CONTAINING AND HAZARDOUS MATERIAL FROM THE JOB SITE. CONTRACTOR SHALL BEAR FULL FINANCIAL RESPONSIBILITY, AS BETWEEN THE PARTIES OF THIS CONTRACT, FOR THE COMPLIANCE OF CONTRACTOR AND ITS SUBCONTRACTORS WITH THE PROVISIONS OF THIS CONTRACT.

27. CONTRACTOR AGREES TO INDEMNIFY, DEFEND, PROTECT AND HOLD THE OWNER HARMLESS FROM AND AGAINST ANY CLAIMS INCLUDING, WITHOUT LIMITATION, ACTUAL ATTORNEY'S FEES AND ANY COSTS OF INVESTIGATION, SOILS TESTING, GOVERNMENTAL APPROVALS, REMEDIATION AND CLEANUP ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE FAILURE OF CONTRACTOR OR ITS SUBCONTRACTORS, OR THEIR AGENTS, EMPLOYEES, OFFICERS, OR REPRESENTATIVES, TO COMPLY WITH THE TERMS OF THESE CONSTRUCTION DOCUMENTS.

28. SHOULD CONTRACTOR OR ITS SUBCONTRACTORS DISCHARGE, RELEASE OR DISPOSE OF ANY HAZARDOUS MATERIAL ON OR ABOUT THE JOB SITE IN VIOLATION OF THESE CONSTRUCTION DOCUMENTS, CONTRACTOR SHALL IMMEDIATELY SO INFORM OWNER & ENGINEER IN WRITING. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY, OWNER ENGINEER AND SHALL TAKE SUCH ACTION AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECT OF SUCH SPILL ON PERSONS OR PROPERTY.

29. IN THE EVENT CONTRACTOR OR ITS SUBCONTRACTORS ENCOUNTER ON THE PREMISES ANY PIPELINE, UNDERGROUND STORAGE TANK OR OTHER CONTAINER, OF ANY KIND, THAT MAY CONTAIN A HAZARDOUS MATERIAL, OR ENCOUNTER MATERIAL REASONABLY BELIEVED TO BE A HAZARDOUS MATERIAL CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO OWNER AND/OR ENGINEER IN WRITING.

30. "HAZARDOUS MATERIAL" MEANS ANY SUBSTANCE: (A) THE PRESENCE OF WHICH REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, ORDINANCE, RULE, CODE, ORDER, ACTION, POLICY OR COMMON LAW, OR (B) WHICH IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE," "HAZARDOUS SUBSTANCE," POLLUTANT OR CONTAMINANT UNDER ANY PRESENT FEDERAL, STATE OR LOCAL STATUTE, REGULATION, RULE OR ORDINANCE OR AMENDMENTS THERETO INCLUDING, WITHOUT LIMITATION, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (42 U.S.C. SECTIONS 9601 ET SEQ.) AND/OR THE RESOURCE CONSERVATION AND RECOVERY ACT (42 U.S.C. SECTIONS 6901 ET SEQ.), OR (C) WHICH IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC, OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD, AGENCY OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE IN WHICH THE PREMISES ARE LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR (D) THE PRESENCE OF WHICH ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR (E) WHICH CONTAINS GASOLINE, DIESEL FUEL OR OTHER PETROLEUM HYDROCARBONS, OR (F) WHICH CONTAINS POLYCHLORINATED BIPHENYLS (PCBS), ASBESTOS, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.

31. THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AS TO SIZE, LOCATION, AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL CONFLICTS, DEVIATIONS OR OMISSIONS TO THESE CONSTRUCTION DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.

32. IF ANY TESTING, INSPECTION OR APPROVAL REVEAL DEFECTIVE WORK, CONTRACTOR SHALL NOT BE ALLOWED TO RECEIVE ANY ASSOCIATED COSTS AND THE OWNER SHALL BE ENTITLED TO DEDUCT FROM THE CONTRACT PRICE, BY ISSUING A CHANGE ORDER, OWNER'S COSTS ARISING OUT OF THE DEFECTIVE WORK, INCLUDING COSTS OF REPEATED PROCEDURES, COMPENSATION FOR ENGINEER'S AND DESIGN ENGINEER'S SERVICES AND ALL OTHER RELATED COSTS.

33. CONSTRUCTION PLANS WERE PREPARED IN ACCORDANCE WITH THE MANUAL OF UNIFORM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, FDOT GREENBOOK, FDOT STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, AND THE APOPKA REGULATIONS AND SPECIFICATIONS.

SURVEYOR'S NOTES:

1. *BEARINGS SHOWN HEREON ARE BASED ON THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 12-20-27 AS BEING S00°27'48"E. (AN ASSUMED BEARING FOR ANGULAR DESIGNATION ONLY)*

2. *ELEVATIONS SHOWN HEREON ARE BASED ON BENCHMARK NUMBER L708026, ELEVATION BEING 127.97, NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.*

HANDICAP ACCESSIBILITY NOTES:

1. ALL CONSTRUCTION MUST MEET OR EXCEED ALL REQUIREMENTS AS OUTLINED IN THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE FLORIDA ACCESSIBILITY CODE, MOST RECENT EDITIONS. BOTTOM OF CURB RAMP ELEVATION (B.O. RAMP) IS RELATIVE TO EACH CURB RAMP CONDITION. ACTUAL ELEVATIONS SHALL BE BASED ON EXISTING GRADE OF CURB FLOW LINE AT THE B.O. RAMPS.

2. TOP OF CURB ELEVATION ADJACENT TO B.O. RAMP = 0.50 FT. MAX. UNLESS OTHERWISE NOTED.

3. ADA REQUIREMENTS SUPERSEDE SPOT GRADES AT LOT LINES. CONTRACTOR TO CUT BACK SLOPE AT 3:1 OR FLATTER AS NEEDED FOR RAMP AND SIDEWALK CONNECTION.

4. REFER TO PLAN SHEETS AND SECTIONS FOR LOCATIONS AND SIDEWALK WIDTHS.

5. THE DETECTABLE WARNING STRIP SHALL CONSIST OF A 24 INCH WIDE TACTILE PATTERN OF RAISED TRUNCATED DOMES (ALIGNED PATTERN). DOMES SHALL HAVE A DIAMETER OF 0.9 INCH, A HEIGHT OF 0.2 INCH, AND A CENTER TO CENTER SPACING OF 2.35 INCHES. THE RAMP DETECTABLE WARNING STRIP SHALL BE CONTRASTING IN COLOR. THE MATERIAL USED TO PROVIDE CONTRAST SHALL CONTRAST BY AT LEAST 70%.

6. THE CROSS SLOPE OF RAMP SURFACES AND ADJACENT STREET GRADES SHALL BE NO MORE THAN 1:50 OR 2% MAXIMUM.

7. CURB RAMPS CONSTRUCTED BY THE CONTRACTOR SHALL MEET ALL CURRENT APPLICABLE A.D.A. REQUIREMENTS AND SHALL HAVE DETECTABLE WARNING COMPLYING WITH A.D.A. REQUIREMENTS. ACCESSIBILITY ROUTES SHALL MEET ALL APPLICABLE A.D.A. REQUIREMENTS.

8. CONTRACTOR TO REFER TO ORANGE COUNTY DETAILS AS NEEDED.

9. DRIVEWAY/ROADWAY CROSS SLOPES AT CROSSWALKS SHALL BE MAXIMUM 2% PER ADA REQUIREMENTS.

10. SIDEWALK CROSS SLOPES SHALL BE MAXIMUM 2% PER ADA REQUIREMENTS.

11. CURB RAMP FLARES & LANDINGS SHALL MEET ADA REQUIREMENTS.

12. ACCESSIBLE ROUTE WITH RUNNING SLOPES GREATER THAN 1:20 IS A RAMP AND SHALL COMPLY WITH ADA RAMP REQUIREMENTS.

13. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO MEET ALL CURRENT ADA STANDARDS. CONTRACTOR SHALL REFER TO FDOT STANDARDS. (INDEX 304, MOST CURRENT EDITION)

RECORD DRAWING AS-BUILT REQUIREMENTS:

AS-BUILT DRAWINGS SHALL BE PREPARED BY AND CERTIFIED (SIGNED AND SEALED) BY A REGISTERED SURVEYOR, AND SHALL BE PROVIDED TO THE ENGINEER OF RECORD UPON COMPLETION OF THE PROJECT SITE IMPROVEMENTS A MINIMUM OF 1 WEEK PRIOR TO CONTRACTORS ATTEMPT FOR FINAL CERTIFICATE OF OCCUPANCY (CO). AS-BUILT DRAWINGS SHALL REFLECT ANY CHANGES TO THE IMPROVEMENTS MADE DURING CONSTRUCTION AND MUST MEET THE MINIMUM REQUIREMENTS OF ALL REGULATORY AGENCIES HAVING JURISDICTION AS WELL AS THE CRITERIA OUTLINED BELOW. BOTH THE ORIGINAL DESIGN AND REVISED AS-BUILT DATA, AS APPLICABLE, MUST BE CLEARLY SHOWN. THE AS-BUILT DRAWINGS MUST BE CLEARLY LABELED AS AS-BUILT OR RECORD DRAWING. THE FOLLOWING INFORMATION, AT A MINIMUM, SHALL BE CERTIFIED ON THE AS-BUILT DRAWINGS:

WATER DISTRIBUTION SYSTEM:

A. LOCATION AND DIMENSIONS OF PIPES, VALVES, FITTINGS, CHANGE OF DIRECTION, AND OTHER ASSOCIATED FACILITIES.

WASTEWATER COLLECTION/TRANSMISSION SYSTEM:

A. LOCATION, DIMENSION, AND INVERT ELEVATIONS OF PIPES, MANHOLES (INCLUDING RIM ELEVATION), LIFTSTATION, FORCEMAIN, FITTINGS, CHANGE IN DIRECTION AND OTHER ASSOCIATED FACILITIES.

PAVING AND DRAINAGE SYSTEM:

A. DIMENSIONS AND ELEVATIONS OF ALL DISCHARGE STRUCTURES INCLUDING ALL WEIRS, SLOTS, GATES, PIPES, AND SKIMMERS;

B. LOCATIONS, DIMENSIONS, AND ELEVATIONS OF ALL FILTER, EXFILTRATION, OR UNDERDRAIN SYSTEMS INCLUDING CLEANOUTS, PIPES, CONNECTIONS TO CONTROL STRUCTURES, AND POINTS OF DISCHARGE TO THE RECEIVING WATERS;

C. DIMENSIONS, ELEVATIONS, CONTOURS, OR CROSS-SECTIONS OF ALL STORMWATER TREATMENT POND STORAGE AREAS SUFFICIENT TO DETERMINE STAGE-STORAGE RELATIONSHIPS OF THE STORAGE AREA, AND THE POND DEPTH AND VOLUME BELOW THE CONTROL WATER ELEVATION FOR NORMALLY WET SYSTEMS;

D. DIMENSIONS, ELEVATIONS, CONTOURS, FINAL GRADES, OR CROSS-SECTIONS OF THE DRAINAGE SYSTEM IMPROVEMENTS TO DETERMINE FLOW DIRECTIONS AND CONVEYANCE OF RUNOFF TO THE TREATMENT SYSTEM;

E. DIMENSIONS, ELEVATIONS, CONTOURS, FINAL GRADES, OR CROSS-SECTIONS OF ALL CONVEYANCE SYSTEMS UTILIZED TO CONVEY OFF-SITE RUNOFF AROUND THE SYSTEM;

F. EXISTING WATER ELEVATION OF SURFACE WATERS AND THE DATE DETERMINED;

G. ELEVATION AND LOCATION OF BENCHMARK'S FOR THE SURVEY.

ADA FACILITIES:

A. ELEVATIONS AT THE FOUR CORNERS OF ALL HANDICAP PARKING SPACES AND ADJACENT LOADING AISLES.

B. ELEVATIONS AND LOCATIONS FOR ALL ACCESSIBLE RAMPS WHICH ADEQUATELY REFLECT THE BUILT SLOPES.

C. ELEVATIONS AND LOCATIONS ALONG THE PATHS OF CONVEYANCE FOR PEDESTRIAN TRAFFIC AND ALL ADA ACCESSIBLE ROUTES EVERY 25 FT. WHICH ADEQUATELY REFLECT THE SLOPE AND CROSS SLOPE.

	DATE	DESCRIPTION	BY
5	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
4	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	02/14/25	CITY OF APOPKA COMMENTS DATED 01/30/2025	SCS
1	01/14/25	SJRWMD COMMENTS DATED 12/19/2024	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

GENERAL NOTES
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 7/15/2025

SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C1.0

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\GENERAL NOTES.dwg Modified:9/22/2025 By:cafrancis Plotted By:andrew francis

ABBREVIATIONS

A	
A	AREA
AB	ANCHOR BOLT
ABD	ABANDON(ED)
AC	ACRE(S)
AC-FT	ACRE FOOT/FEET
ACP	ASBESTOS CEMENT PIPE
ADDL	ADDITIONAL
ADT	AVERAGE DAILY TRAFFIC
AL	ALUMINUM
ALT	ALTERNATE
AM	BEFORE NOON
AMP	AMPERE(S)
APPROX	APPROXIMATE
ARV	AIR RELEASE VALVE
ARVV	AIR RELEASE VACUUM VALVE
ASPH	ASPHALT
ASSY	ASSEMBLY
AVE	AVENUE
AVG	AVERAGE
AZ	AZIMUTH
B	
BFP	BACKFLOW PREVENTER
BL	BASELINE
BLDG	BUILDING
BLVD	BOULEVARD
BM	BENCH MARK
BND	BOUNDARY
BO	BLOWOFF
BOC	BACK OF CURB
BOT	BOTTOM
BRG	BEARING
BS	BOTTOM OF SLOPE
BV	BUTTERFLY VALVE
C	
CAP	CAPACITY
CB	CATCH BASIN
CC	CENTER TO CENTER
CEM	CEMENT
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
C&G	CURB AND GUTTER
CI	CAST IRON
CIP	CAST IRON PIPE
CJ	CONSTRUCTION JOINT
C/L	CENTER LINE
CLP	CONCRETE LIGHT POLE
CLR	CLEAR/CLEARANCE
CLS	CLASS
CM	CONCRETE MONUMENT
CMP	CORRUGATED METAL PIPE
CMPA	CORRUGATED METAL PIPE ARCH
CND	CONDUIT
CO.	COUNTY
CO	CLEANOUT
COL	COLUMN
COMP	COMPLETE
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT(ION)
CONT	CONTINUOUS
COORD	COORDINATE(S)
COR	CORNER
CPLG	COUPLING
CPP	CONCRETE POWER POLE
CS	CONTROL STRUCTURE
CTG	COATING
CTR	CENTER
CTV	CABLE TELEVISION
CULV	CULVERT
CY	CUBIC YARD
CYL	CYLINDER
D	
DBL	DOUBLE
DEG OR °	DEGREE
DEFL	DEFLECT(ION)
DEPT	DEPARTMENT
DET	DETAIL
DHWL	DESIGN HIGH WATER LEVEL
DI	DUCTILE IRON
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DISCH	DISCHARGE
DIST	DISTANCE
DMH	DROP MANHOLE
DN	DOWN
DRN	DRAIN
DWG	DRAWING
DWY	DRIVEWAY
E	
E	EAST
EA	EACH
EC	EDGE OF CONCRETE
ED	ENERGY DISSIPATOR
EF	EACH FACE
EFF	EFFLUENT
EG	EXISTING GRADE
E/L	EASEMENT LINE
ELB	ELBOW
ELEC	ELECTRIC
ELEV	ELEVATION
ELLIP	ELLIPSE/ELLIPTICAL
ENC	ENCASEMENT
ENG	ENGINEER(ING)
EOP	EDGE OF PAVEMENT
EQ	EQUAL/EQUATION
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESMT	EASEMENT
EST	ESTIMATE
EW	EACH WAY
EWL	ENDWALL
EXC	EXCAVATE/EXCAVATION
EXIST	EXISTING
EXP	EXPAND/EXPANSION
EXT	EXTEND/EXTENSION

F	
F&C	FRAME AND COVER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
F&I	FURNISH AND INSTALL
FIG	FIGURE
FIN	FINISHED
FIT	FITTING
FL	FENCE LINE
FLR	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FM	FORCE MAIN
FND	FOUND
FPH	FEET PER HOUR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET/FOOT
FTG	FOOTING
G	
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GM	GAS MAIN
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GALLONS PER SECOND
GR	GUARD RAIL
GRD	GROUND/GRADE
GSP	GALVANIZED STEEL PIPE
GV	GATE VALVE
GV&B	GATE VALVE AND BOX
GW	GUY WIRE
GWT	GROUND WATER TABLE
H	
HB	HOSE BIBB
HDW	HARDWARE
HORIZ	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HT	HEIGHT
HW	HEADWALL
HWL	HIGH WATER LEVEL
HWY	HIGHWAY
HYD	HYDRAULIC
I	
I-4	INTERSTATE HIGHWAY
IA	INTERSECTION ANGLE
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCHES
INL	INLET
INS	INSERT
INST	INSTALL
IP	IRON PIPE
IR	IRON ROD
INT	INTERSECT/INTERSECTION
INV	INVERT
J	
JB	JUNCTION BOX
JCT	JUNCTION
JST	JOIST
JT	JOINT
L	
L	LENGTH
LAT	LATITUDE
LATL	LATERAL
LB	POUND
LF	LINEAR FEET/FOOT
LG	LONG
LIM	LIMIT(S)
LP	LIGHT POLE
LONG	LONG
LT	LEFT
LWL	LOW WATER LEVEL
M	
MAINT	MAINTENANCE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
ME	MITERED END
MFR	MANUFACTURER
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MHC	MANHOLE COVER
MHWL	MEAN HIGH WATER LEVEL
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MLP	METAL LIGHT POLE
MLWL	MEAN LOW WATER LEVEL
MON	MONUMENT
MPH	MILES PER HOUR
MSL	MEAN SEA LEVEL
MTG	MOUNTING
N	
N	NORTH
NA	NOT APPLICABLE
N&C	NAIL AND CAP
NE	NORTHEAST
NG	NATURAL GROUND
NIC	NOT IN CONTRACT
NO OR #	NUMBER
NOM	NOMINAL
NTP	NOTICE TO PROCEED
NTS	NOT TO SCALE
NW	NORTHWEST
NWL	NORMAL WATER LEVEL
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OE	OR EQUAL
OPNG	OPENING
OPP	OPPOSITE
OROP	OVAL REINFORCED CONCRETE PIPE
OS	OUTFALL STRUCTURE
OVFL	OVERFLOW
OVHD	OVERHEAD

P	
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PEP	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
POB	POINT OF BEGINNING
POJ	PUSH ON JOINT
POS	POINT OF SERVICE
PP	POWER POLE
PR	PHONE RISER
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PROJ	PROJECT
PROP	PROPOSED
PRVC	POINT OF REVERSE VERTICAL CURVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWR	POWER
Q	
Q	FLOW RATE
R	
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RD	ROAD
RDY	ROADWAY
RED	REDUCER
REF	REFERENCE
REINF	REINFORCED(D)
REQD	REQUIRED
REV	REVISE/REVISION
RPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RT	RIGHT
RV	RELIEF VALVE
R/W	RIGHT-OF-WAY
RWM	REUSE WATER MAIN
S	
S	SOUTH
SAN	SANITARY SEWER
SB	SPLASH BLOCK
SCH	SCHEDULE
SD	SIDE DRAIN
SDN	SHELF DRAIN
SE	SOUTHEAST
SEC	SECONDS
SECT	SECTION
SH	SHEET
SHGWT	SEASONAL HIGH GROUND WATER TABLE
SIM	SIMILAR
S/L	SETBACK LINE
SL	SLOPE
SM	SHEET METAL
SPEC	SPECIFICATION(S)
SQ	SQUARE
SQ IN	SQUARE INCH(ES)
SQ FT	SQUARE FOOT/FEET
SQ YD	SQUARE YARD(S)
SR	STATE ROAD
SS	STAINLESS STEEL
ST	STREET
STA	STATION
STD	STANDARD
STL	STEEL
STR	STRUCTURE
STS	STORM SEWER
SUP	SUPPORT
SUSP	SUSPEND/SUSPENSION
SVC	SERVICE
SW	SOUTHWEST
SWK	SIDEWALK
SYM	SYMBOL(S)
SYMM	SYMMETRICAL
SYS	SYSTEM
T	
T	TANGENT
TB	TURFBLOCK
T&B	TOP AND BOTTOM
TBM	TEMPORARY BENCH MARK
TC	TIME OF CONCENTRATION
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TECH	TECHNICIAN/TECHNICAL
TEMP	TEMPORARY
TL	TERMINAL LAMPHOLE
TOB	TOP OF BANK
TOC	TOP OF CURB
TOS	TOE OF SLOPE
TOT	TOTAL
TS	TOP OF SLOPE
TWP	TOWNSHIP
TYP	TYPICAL
U	
UD	UNDERDRAIN
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UTC	UNDERGROUND TELEPHONE CABLE
V	
VB	VALVE BOX
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	
W	WEST
W/	WITH
WM	WATER MAIN
W/O	WITHOUT
WP	WATER/WEATHER PROOF
WPP	WOOD POWER POLE
WS	WATER SURFACE
WSWT	WET SEASON WATER TABLE
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
Y	
YD	YARD
YR	YEAR

MISC	
&	AND
@	AT
Δ	DELTA

EXISTING SYMBOLS

LINES

- CENTER LINE
- CHAIN LINK FENCE
- CONTOUR
- EASEMENT
- FENCE
- GUARDRAIL
- EXISTING PLATS
- RETAINING WALL
- RIGHT-OF-WAY LINE
- SHORELINE
- SWALE
- SOIL BOUNDARY

SANITARY SEWER

- SANITARY SEWER LINE
- CLEANOUT
- FORCE MAIN
- MANHOLE

POTABLE WATER

- WATER MAIN
- EXISTING VALVE
- FIRE HYDRANT
- WATER METER

STORM DRAIN

- STORM SEWER
- CURB INLET
- MANHOLE
- MITERED END
- STORM INLET
- SPOT ELEVATION
- FDOT TYPE 1 INLET
- FDOT TYPE 2 INLET
- FDOT TYPE 3 INLET
- FDOT TYPE 4 INLET
- FDOT TYPE 5 INLET
- FDOT TYPE 6 INLET

HIGHWAY & UTILITIES

- BENCHMARK
- BOUND CORNER
- CONCRETE
- COUNTY ROADS
- INTERSTATE ROADS
- LIGHT POLE
- SIGN
- EDGE OF PAVEMENT W/O CURB
- STATE ROADS
- GUY POLE
- UTILITY POLE
- YARD LIGHT
- GAS MAIN
- OVER HEAD WIRE
- ELECTRIC CABLE OR CONDUIT, BURIED
- UNDERGROUND TELEPHONE CABLE
- EDGE OF PAVEMENT W/CURB

PROPOSED SYMBOLS

LINES

- PROPERTY BOUNDARY
- LOT LINE
- CENTER LINE
- EASEMENT
- BUILDING SETBACK LINE
- WETLAND LINE
- WETLAND BUFFER LINE
- FENCE
- SILT FENCE
- GUARDRAIL
- ENTRY WALL
- RETAINING WALL
- SWALE
- CONTOUR

SANITARY SEWER

- 100 LF OF 8" PVC @ 0.40% — SANITARY PIPE
- CLEANOUT
- SINGLE SANITARY SERVICE
- DOUBLE SANITARY SERVICE
- MANHOLE
- FORCE MAIN
- PLUG VALVE

POTABLE WATER

- WATER MAIN
- FIRE MAIN
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE
- FIRE HYDRANT ASSEMBLY
- FIRE DEPARTMENT CONNECTION
- METER
- SAMPLE POINT

RECLAIMED WATER

- RECLAIMED WATER MAIN
- SINGLE WATER SERVICE
- DOUBLE WATER SERVICE

GENERIC UTILITIES

- 11 1/2° BEND
- 22 1/2° BEND
- 45° BEND
- 90° BEND
- TEE
- CROSS
- GATE VALVE
- REDUCER

STORM

- 100 LF OF 24" RCP @ 0.20% — STORM PIPE
- DRAINAGE FLOW DIRECTION
- FDOT INLET TYPE 1
- FDOT INLET TYPE 2
- FDOT INLET TYPE 3
- FDOT INLET TYPE 4
- FDOT INLET TYPE 5
- FDOT INLET TYPE 6
- MANHOLE
- MITERED END SECTION
- STORM INLET

ROADWAY & GRADING

- CONCRETE
- BLDG OR STRUCTURE
- TYPE F CURB & GUTTER
- RIBBON CURB
- 10 / C1.0 — DETAIL REFERENCE
- ×100.00 — SPOT ELEVATION
- LOT TYPE "A" FFE=100.00 — FINISHED FLOOR ELEVATION W/ FHA LOT TYPE
- HANDICAP PARKING
- 95 — INTERSTATE ROADS
- LIGHT POLE
- 50 — STATE ROADS
- SIGN
- TRAFFIC FLOW PAVEMENT MARKING
- UTILITY POLE
- A A — CROSS SECTION DETAIL

NOTES:
1. TREE TYPES SHALL BE REFERENCED BY LEGEND ON APPLICABLE DRAWING SHEETS.
2. EXISTING CONSTRUCTION FEATURES MAY BE SCREENED ON DRAWING SHEETS TO PROVIDE CLARITY.



SHEET 3 OF 158

NO	DATE	DESCRIPTION	BY
1	03/07/25	S.M.H.D. COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

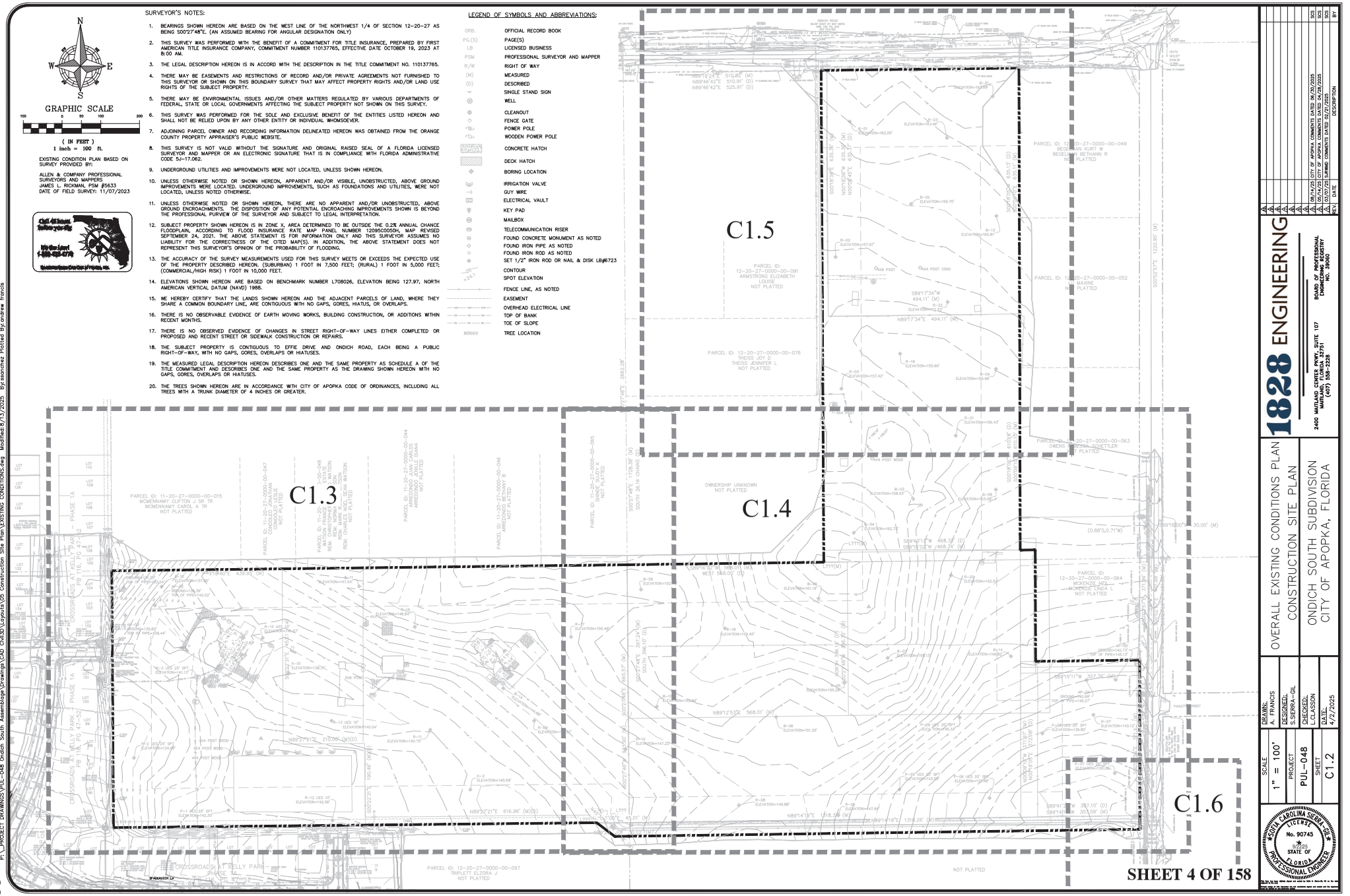
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

ABBREVIATIONS & SYMBOLS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

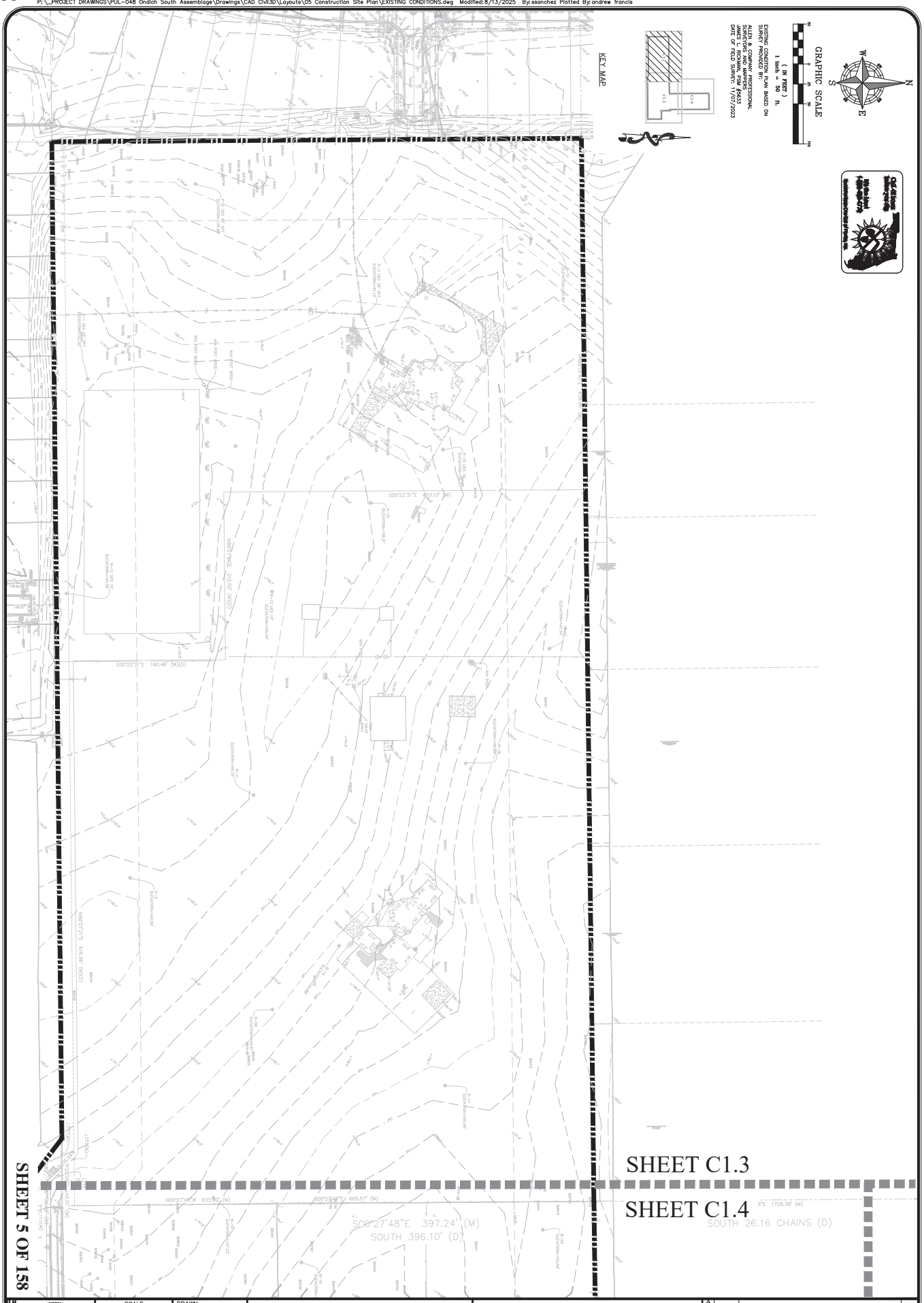
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	4/8/2025
SCALE	N.T.S.
PROJECT	PUL-048
SHEET	C1.1

P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\ABBREVIATIONS & SYMBOLS.dwg Modified:9/22/2025 By:cdfrancis Plotted By:andrew francis



P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\EXISTING CONDITIONS.dwg Modified:8/13/2025 By:sanchez Plotted By:andrew francis

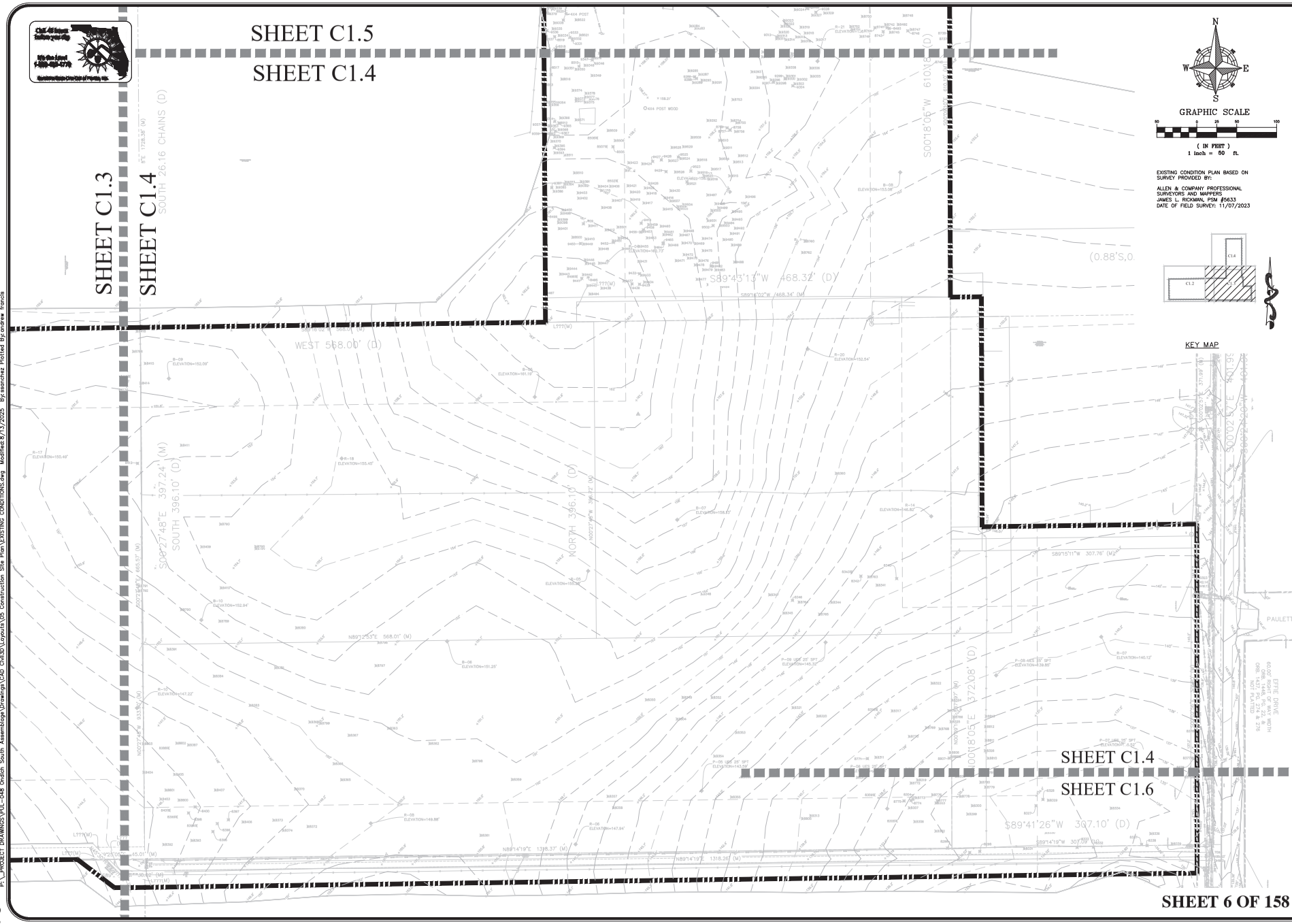
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\EXISTING CONDITIONS.dwg Modified:8/13/2025 By:ssanchez Plotted By:andrew francis



SHEET 5 OF 158

SCALE: 1" = 50'	DRAWN: A. FRANCIS	EXISTING CONDITIONS – WEST CONSTRUCTION SITE PLAN	1828 ENGINEERING	
PROJECT: PUL-048	DESIGNED: S.SIERRA-GIL		2400 MAITLAND CENTER PKWY, SUITE 107 MAITLAND, FLORIDA 32751 (407) 558-2228	BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
SHEET: C1.2	CHECKED: L.CLASSON	ONDICH SOUTH SUBDIVISION CITY OF APOPKA, FLORIDA		
	DATE: 4/2/2025			

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS



SHEET 6 OF 158

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

EXISTING CONDITIONS – EAST
CONSTRUCTION SITE PLAN

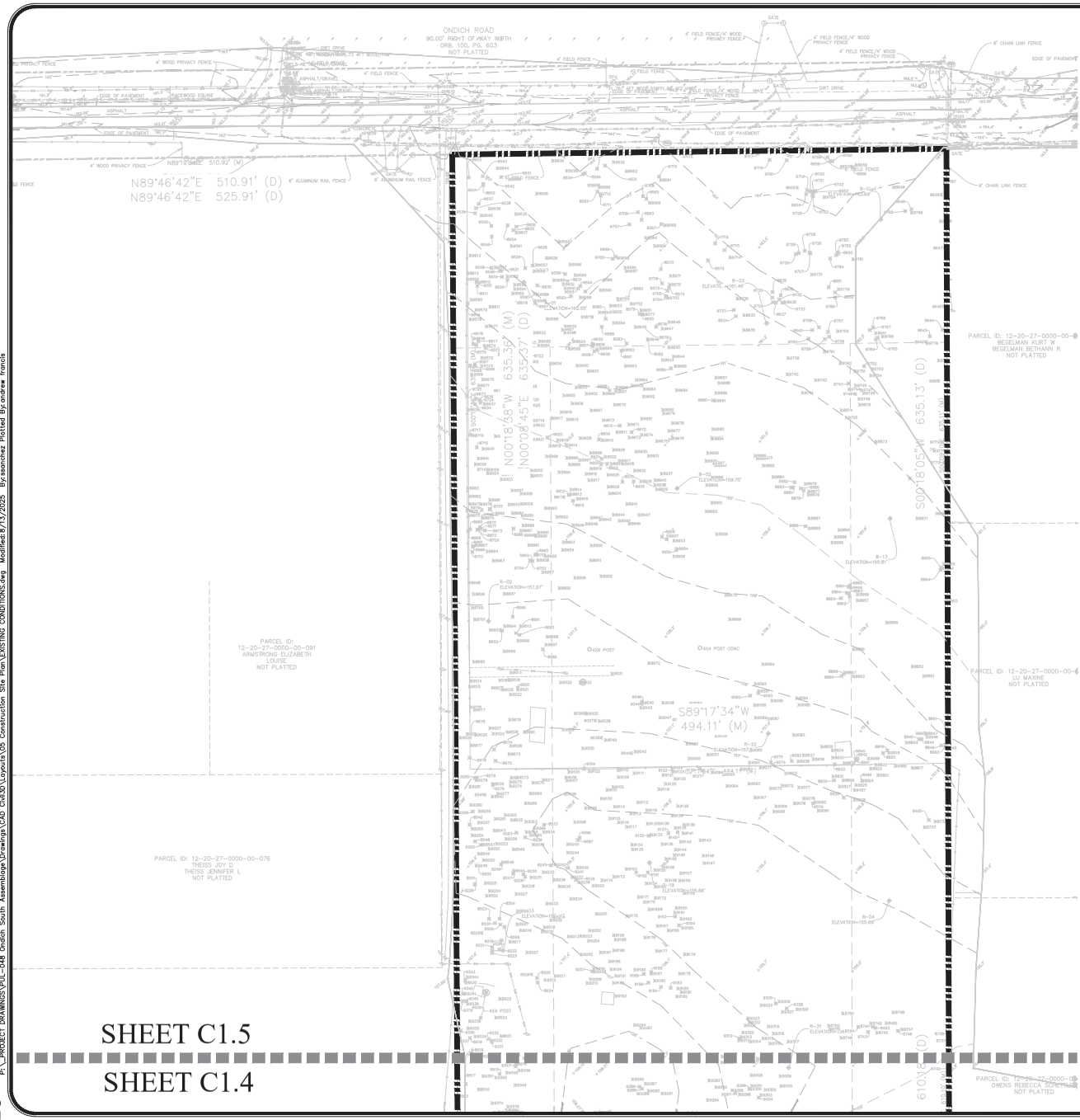
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

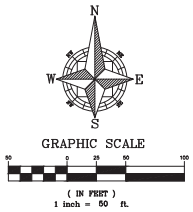
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/2/2025

SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C1.4

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
9/2/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

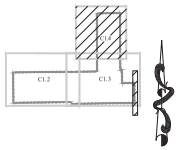
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\EXISTING CONDITIONS.dwg Modified:8/13/2025 By:ssanchez Plotted By:andrew francis





EXISTING CONDITION PLAN BASED ON SURVEY PROVIDED BY:

ALLEN & COMPANY PROFESSIONAL SURVEYORS AND MAPPERS
JAMES L. RICKMAN, PSM #5633
DATE OF FIELD SURVEY: 11/07/2023



KEY MAP

SHEET 7 OF 158

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

EXISTING CONDITIONS – NORTH
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/2/2025

SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C1.5

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
9/2/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil30\Layouts\05 Construction Site Plan\EXISTING CONDITIONS.dwg Modified:8/13/2025 By:ssanchez Plotted By:andrew francis

REV	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SGS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SGS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SGS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 658-2228
BOARD OF PROFESSIONAL ENGINEERING
ENGINEERING NO. 39060

EXISTING CONDITIONS – (OFFSITE)
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	4/2/2025
SCALE	1" = 50'
PROJECT	PUL-048
SHEET	C1.6

STATE OF FLORIDA
SIERRA-GIL
No. 90745
PROFESSIONAL ENGINEER

SHEET 8 OF 158

KEY MAP

GRAPHIC SCALE
1 inch = 50 ft.
(IN FEET)

MATCHLINE A-A

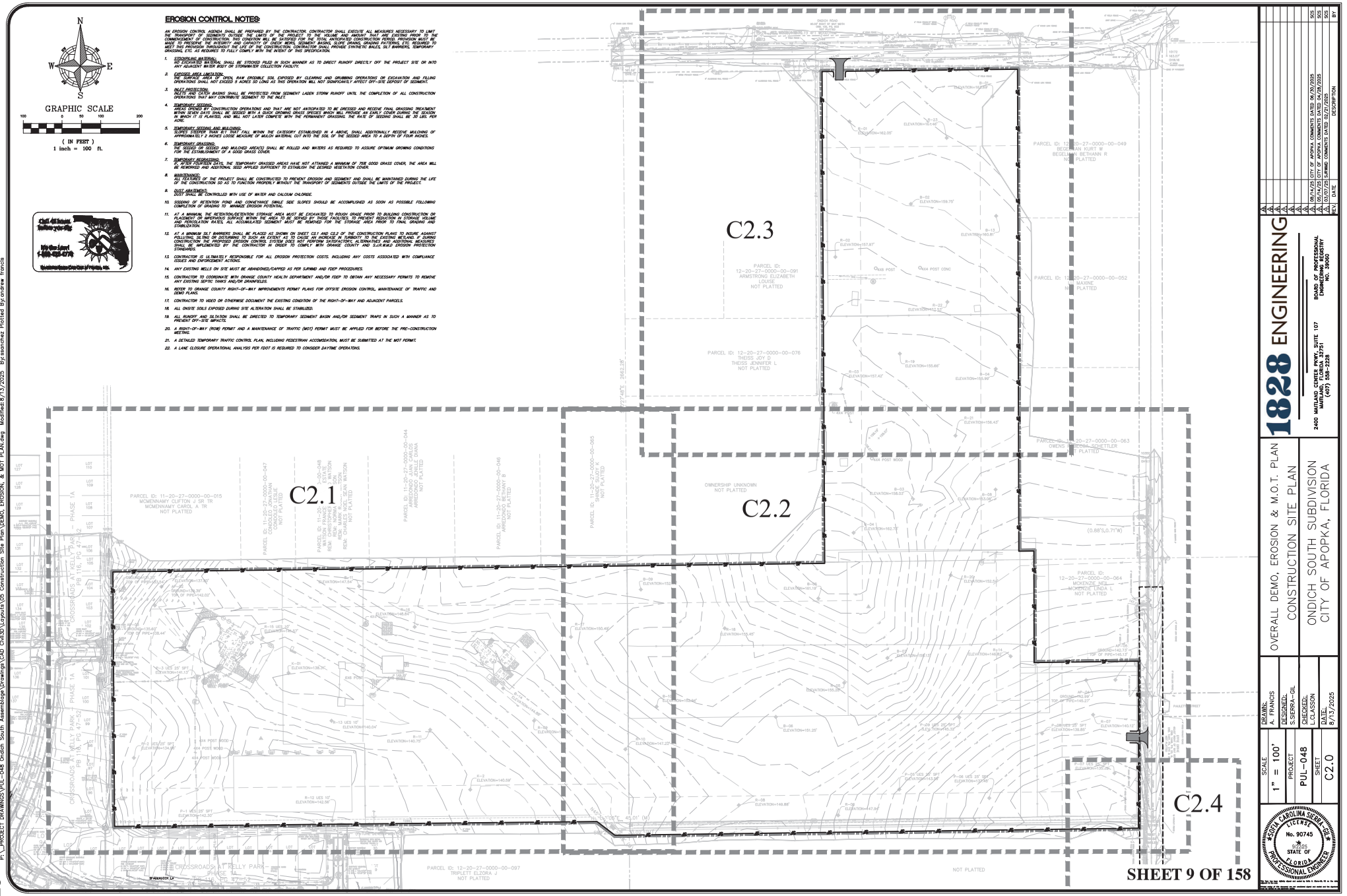
MATCHLINE B-B

SHEET C1.4

MATCHLINE A-A

MATCHLINE B-B

SHEET C1.6



NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

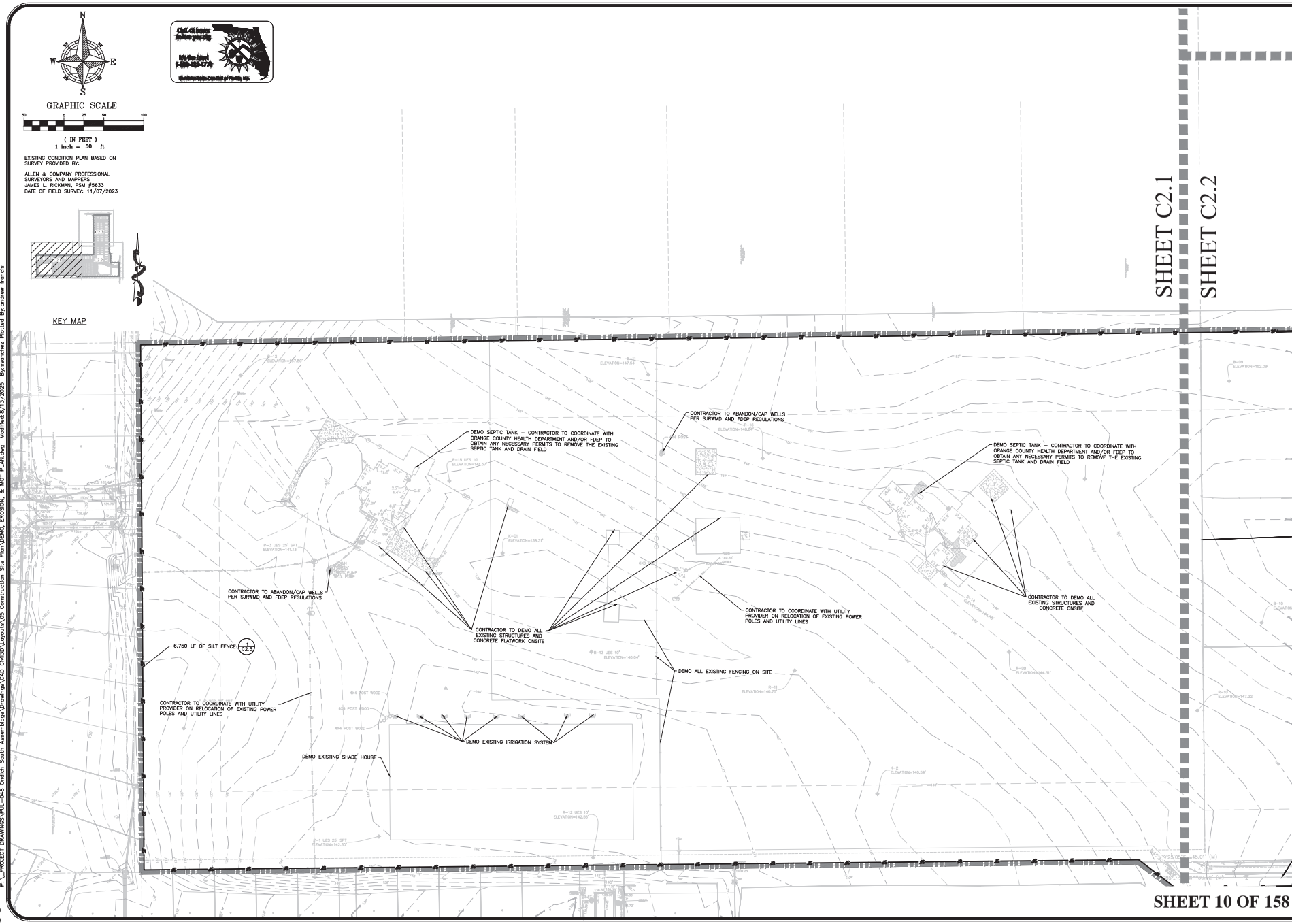
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

OVERALL DEMO, EROSION & M.O.T. PLAN
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

SCALE	1" = 100'
PROJECT	PUL-048
SHEET	C2.0
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	8/13/2025

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

PL:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis



REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

DEMO, EROSION & M.O.T. PLAN – WEST
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025

SCALE 1" = 50'
PROJECT PUL-048
SHEET C2.1

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 9/22/25 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:ssanchez Plotted By:andrew francis

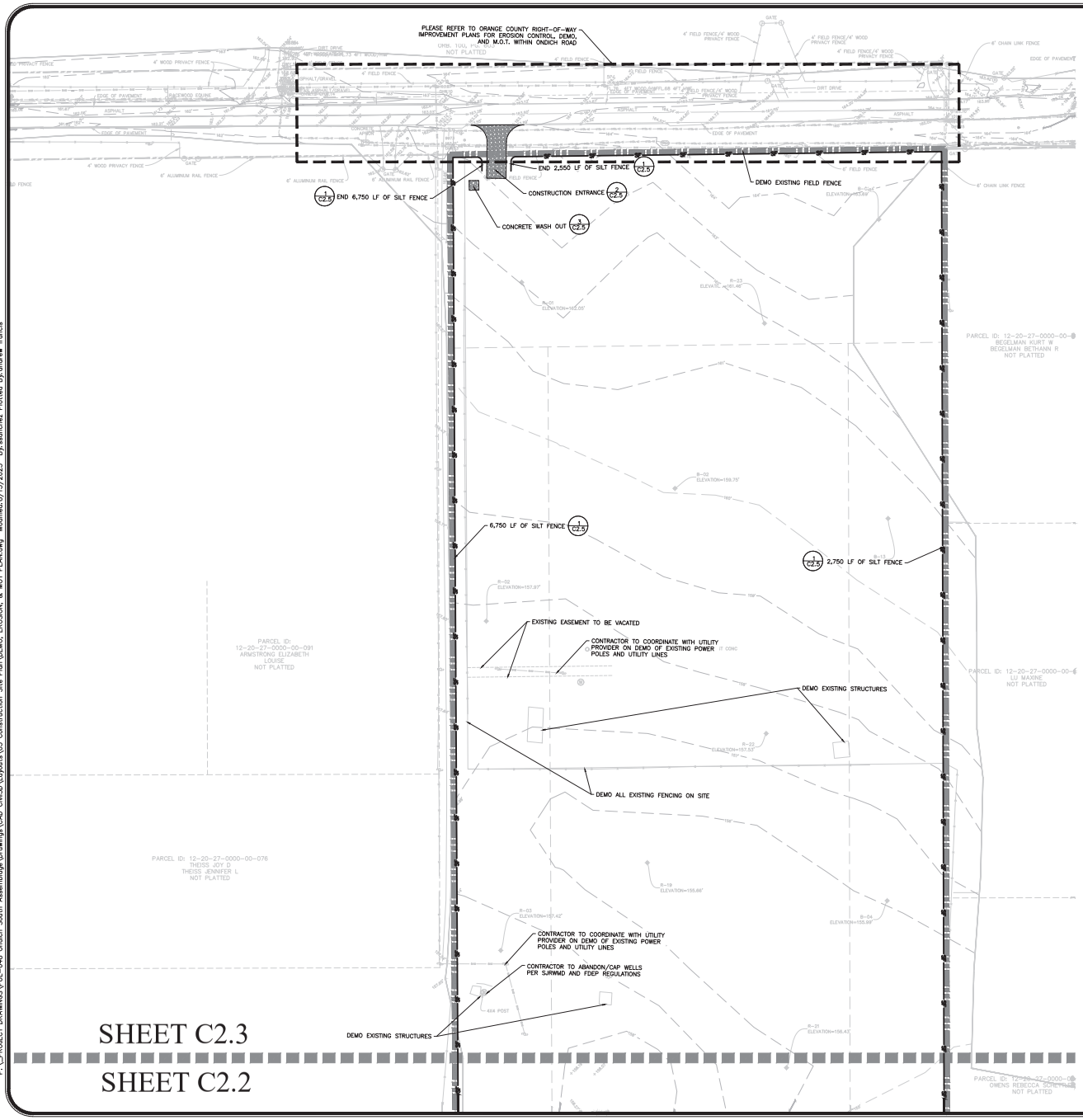
REV	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SGS
2	09/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SGS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SGS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 658-2228
BOARD OF PROFESSIONAL ENGINEERING
ENGINEERING NO. 39060

DEMO, EROSION & M.O.T. PLAN – EAST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	8/13/2025
SHEET	C2.2
PROJECT	PUL-048
SCALE	1" = 50'

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawing\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:sanchez Plotted By:andrea francis



N
W E
S

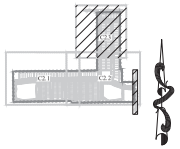
GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

EXISTING CONDITION PLAN BASED ON SURVEY PROVIDED BY:

ALLEN & COMPANY PROFESSIONAL SURVEYORS AND MAPPERS
JAMES L. RICKMAN, PSM #5633
DATE OF FIELD SURVEY: 11/07/2023



KEY MAP

SHEET 12 OF 158

1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	09/14/25	CITY OF APOPKA COMMENTS DATED 08/28/2025	SCS
3	10/07/25	SJRWMD COMMENTS DATED 09/27/2025	SCS
NO.	DATE	DESCRIPTION	BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

DEMO, EROSION & M.O.T. PLAN – NORTH
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

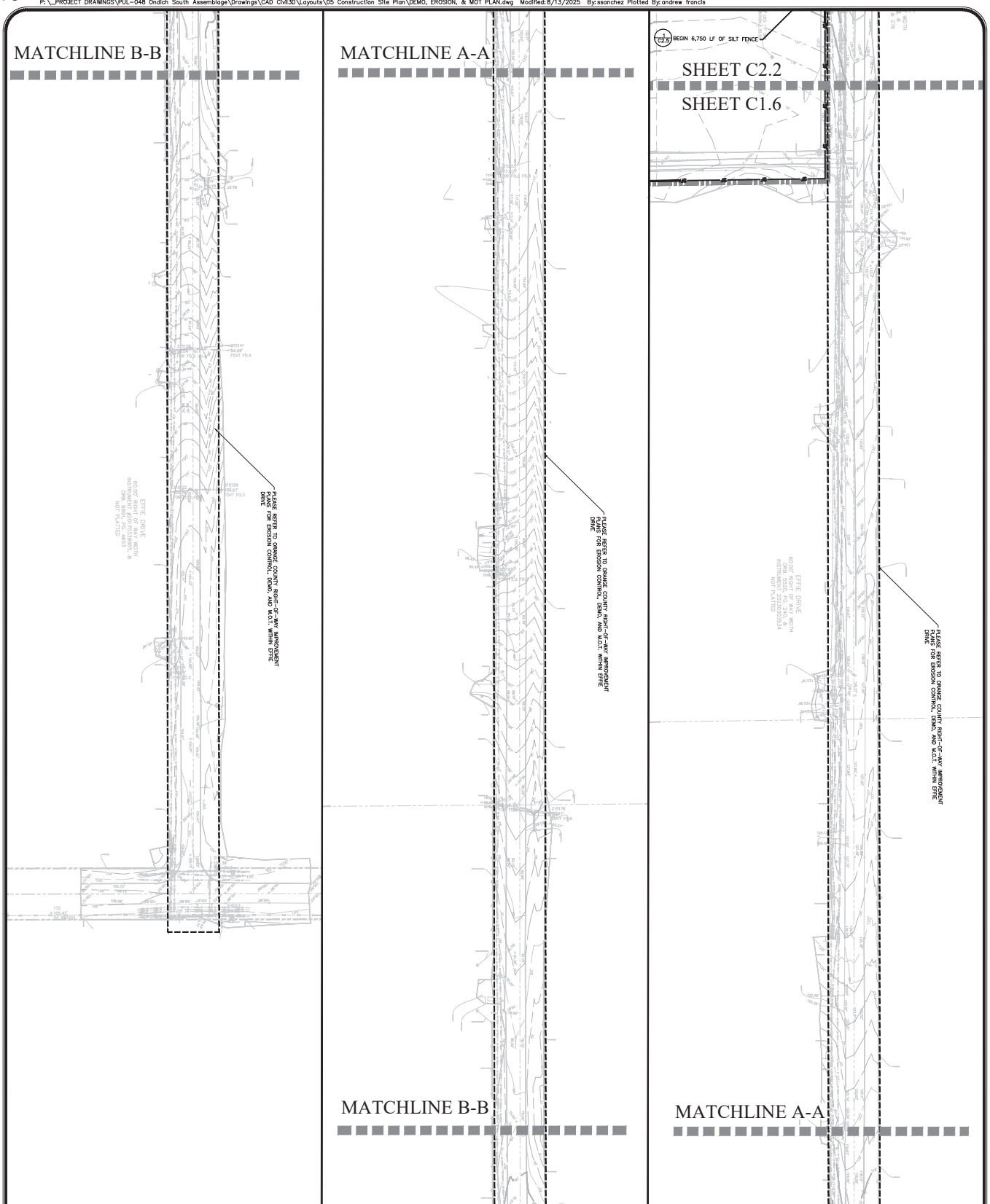
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025

SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C2.3

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 9/2026 STATE OF FLORIDA PROFESSIONAL ENGINEER

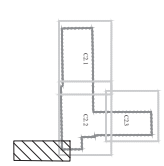
PL:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:ssanchez Plotted By:andrew francis



SHEET 13 OF 158

KEY MAP



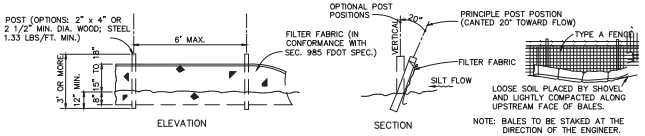
GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.



SCALE: 1" = 50'	DRAWN: A. FRANCIS	DEMO, EROSION & M.O.T. PLAN – OFFSITE CONSTRUCTION SITE PLAN	1828 ENGINEERING	
PROJECT: PUL-048	DESIGNED: S.SIERRA-GIL		2400 MAITLAND CENTER PKWY, SUITE 107 MAITLAND, FLORIDA 32751 (407) 558-2228	BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
SHEET: C2.4	CHECKED: L.CLASSON	ONDICH SOUTH SUBDIVISION CITY OF APOPKA, FLORIDA		
	DATE: 8/13/2025			

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

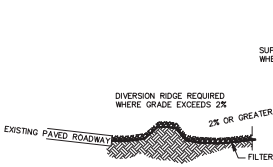


NOTE

SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF)

1 TYPE III SILT FENCE DETAIL

N.T.S.



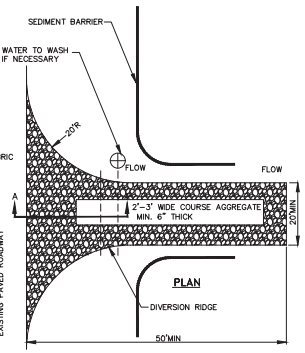
SECTION A–A

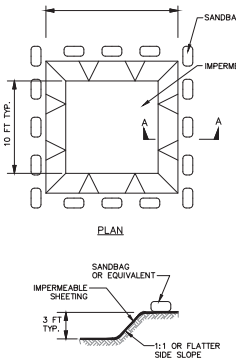
NOTE(S):

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. ALL EROSION CONTROL MATERIALS, CONSTRUCTION & MAINTENANCE TO BE PER APPLICABLE SECTIONS OF FDOT STANDARD SPECIFICATION #104.
5. USE SANDBAGS OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN REQUIRED.
6. COURSE AGGREGATE & FILTER FABRIC TO BE PER SECTIONS OF FDOT STANDARD SPECIFICATION #901 & #985 RESPECTIVELY.

2 TEMPORARY CONSTRUCTION ENTRANCE DETAIL

N.T.S.



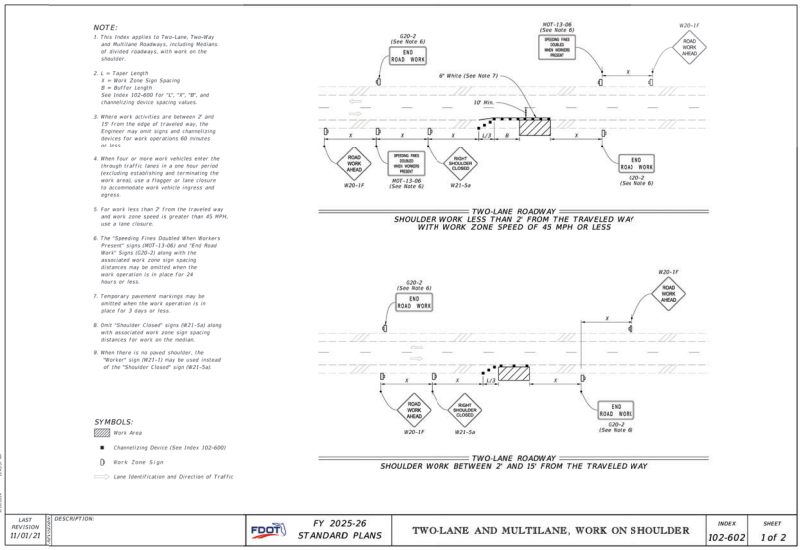


EXCAVATED WASHOUT STRUCTURE

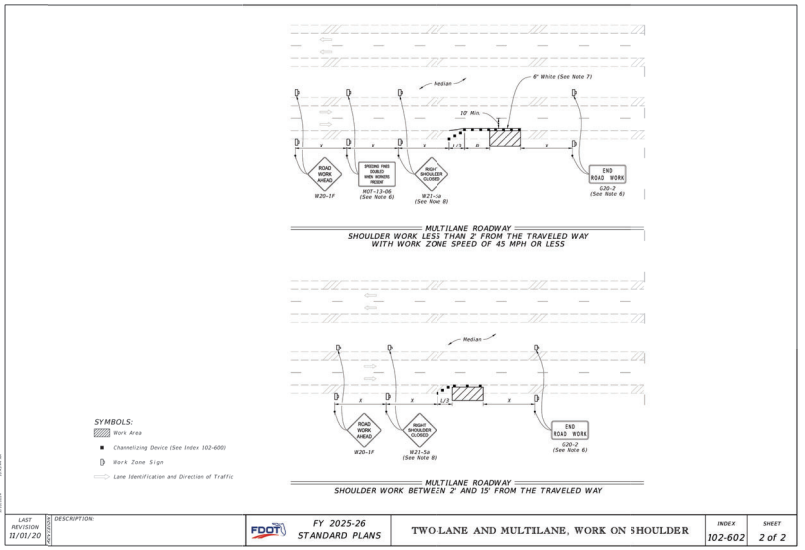
NOTES:

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET–VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

3 CONCRETE WASH OUT



LAST REVISION	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/21					102-602	1 of 2



LAST REVISION	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/20					102-602	2 of 2

4 MAINTENANCE OF TRAFFIC – WORK ON SHOULDER

N.T.S.

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 08/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

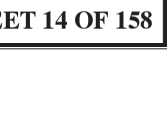
EROSION CONTROL & M.O.T. DETAILS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025

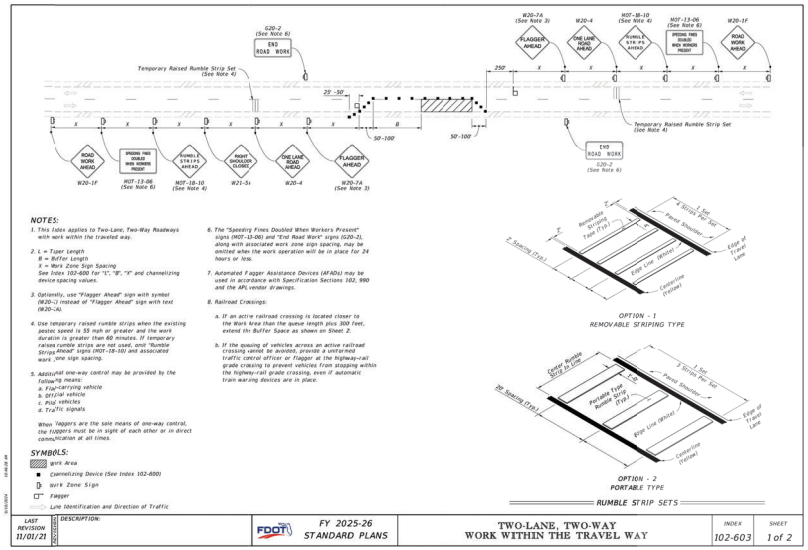
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C2.5

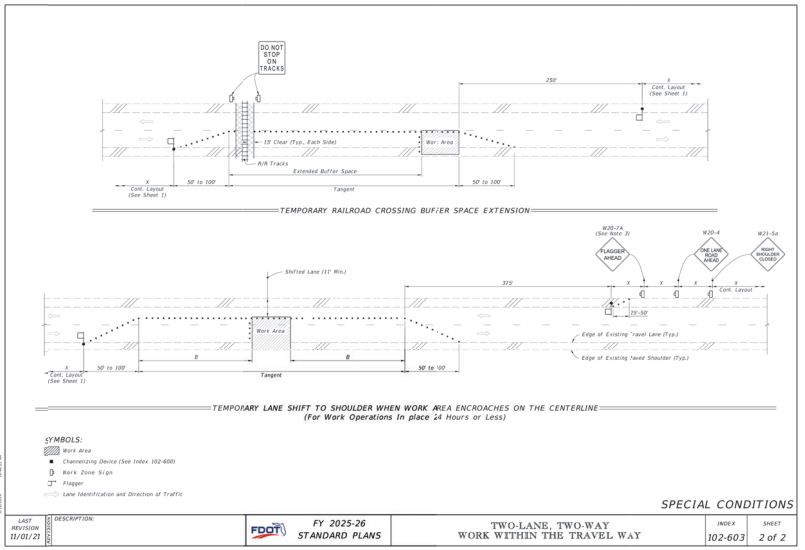




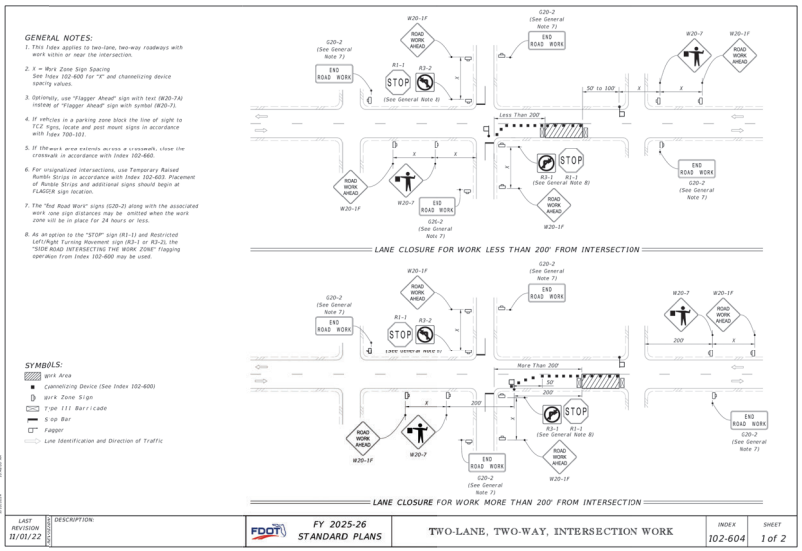
SHEET 14 OF 158

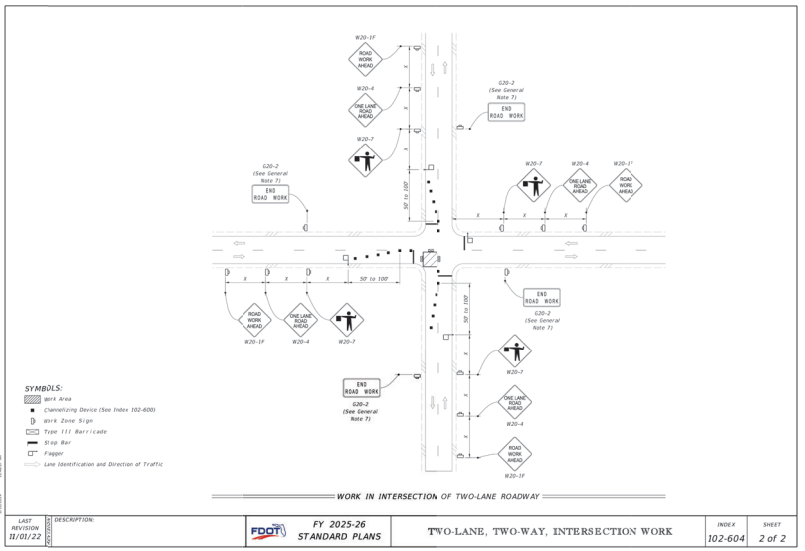
P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DEMO, EROSION, & MOT PLAN.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis





5 MAINTENANCE OF TRAFFIC – WORK WITHIN TRAVEL WAY
N.T.S.





6 MAINTENANCE OF TRAFFIC – WORK IN INTERSECTION
N.T.S.

SHEET 15 OF 158

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

M.O.T. DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025
SCALE N.T.S.
PROJECT PUL-048
SHEET C2.6

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 9/2/25 STATE OF FLORIDA PROFESSIONAL ENGINEER

OVERALL SITE DATA:

OCPA - PARCEL ID #s:	11-20-27-0000-00-037, 11-20-27-0000-00-069 12-20-27-0000-00-001, 12-20-27-0000-00-012 12-20-27-0000-00-046, 12-20-27-0000-00-048
TOTAL PROPERTY AREA:	54.85 Ac.
DEDICATED RIGHT-OF-WAY AREA	0.20 Ac.
FUTURE COMMERCIAL TRACT	1.37 Ac.
TOTAL RESIDENTIAL DEVELOPABLE AREA	53.29 Ac.
FEMA FLOOD INSURANCR RATE MAP FLOOD ZONE: FIRM PANEL #12095C0050H DATED SEPT. 24, 2021	X
EXISTING FUTURE LAND USE (FLU):	R (COUNTY)
ADJACENT FUTURE LANE USE (FLU): NORTH SOUTH EAST WEST	 R (COUNTY) R (COUNTY), MU R (COUNTY) R (COUNTY), MU
EXISTING ZONING:	A-1
REQUESTED OVERLAY ZONING/CHARACTER ZONES:	TRANSITION OVERLAY DISTRICT & NEIGHBORHOOD OVERLAY DISTRICT
PROPOSED ZONING:	KPI-MU
ADJACENT ZONING: NORTH SOUTH EAST WEST	 A-1 (COUNTY) A-1 (COUNTY), KPI-MU A-1 (COUNTY), A-R (COUNTY) A-1 (COUNTY), KPI-MU
ALLOWABLE MAX LS.R. FOR COMMERCIAL TRACT:	0.85 ⚠

PROPOSED MINIMUM LOT REQUIREMENTS	DETACHED	ATTACHED
MINIMUM LOT AREA	3,366 SF	1,840 SF
MINIMUM LOT WIDTH	34 ft.	20 ft.
MINIMUM LOT DEPTH	99 ft.	92 ft.
MAXIMUM BUILDING HEIGHT	35 ft. (2-story)	35 ft. (2-story)
SETBACKS		
FRONT/STREET SIDE (TRANSITION)	10 ft. min/20 ft. max.	10 ft. min/20 ft. max.
FRONT/STREET SIDE (NEIGHBORHOOD)	15 ft. min/30 ft. max.	N/A
REAR	5 ft. min.	5 ft. min
SIDE	5 ft. min.	0 ft/5 ft. min.*
REAR GARAGE	20 ft. min.	20 ft. min.

*5 ft. SETBACK IS FOR EXTERIOR TOWNHOME UNITS TO CREATE A MINIMUM 10 ft. OF SEPARATION BETWEEN BUILDINGS. INTERIOR TOWNHOME UNITS HAVE A 0 ft. SIDE SETBACK.

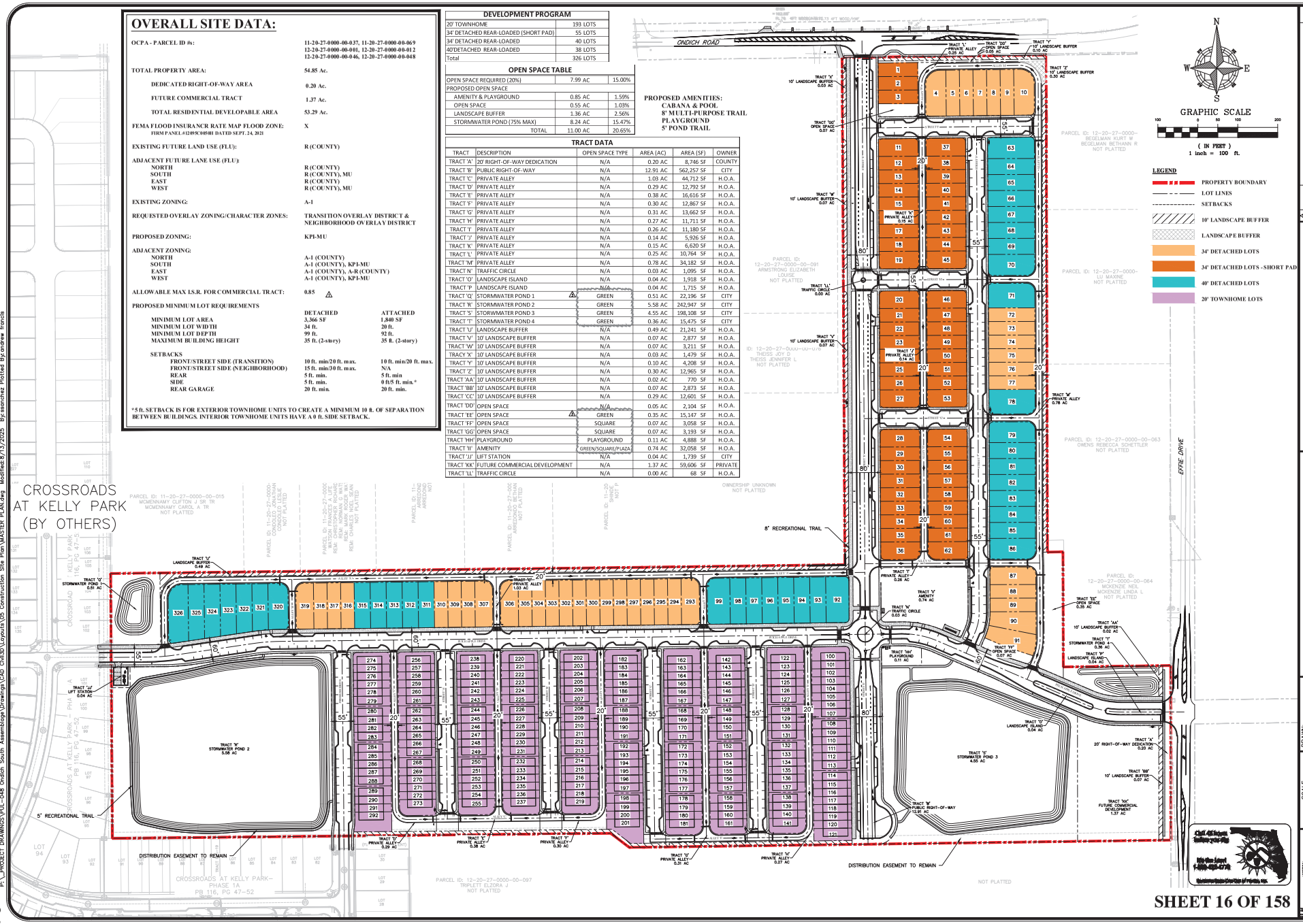
DEVELOPMENT PROGRAM	
20' TOWNHOME	193 LOTS
34' DETACHED REAR-LOADED (SHORT PAD)	55 LOTS
34' DETACHED REAR-LOADED	40 LOTS
40'DETACHED REAR-LOADED	38 LOTS
Total	326 LOTS

OPEN SPACE TABLE		
OPEN SPACE REQUIRED (20%)	7.99 AC	15.00%
PROPOSED OPEN SPACE		
AMENITY & PLAYGROUND	0.85 AC	1.59%
OPEN SPACE	0.55 AC	1.03%
LANDSCAPE BUFFER	1.36 AC	2.56%
STORMWATER POND (75% MAX)	8.24 AC	15.47%
TOTAL	11.00 AC	20.65%

PROPOSED AMENITIES:
CABANA & POOL
8' MULTI-PURPOSE TRAIL
PLAYGROUND
5' POND TRAIL

TRACT DATA

TRACT	DESCRIPTION	OPEN SPACE TYPE	AREA (AC)	AREA (SF)	OWNER
TRACT 'A'	20' RIGHT-OF-WAY DEDICATION	N/A	0.20 AC	8,746 SF	COUNTY
TRACT 'B'	PUBLIC RIGHT-OF-WAY	N/A	12.91 AC	562,257 SF	CITY
TRACT 'C'	PRIVATE ALLEY	N/A	1.03 AC	44,712 SF	H.O.A.
TRACT 'D'	PRIVATE ALLEY	N/A	0.29 AC	12,792 SF	H.O.A.
TRACT 'E'	PRIVATE ALLEY	N/A	0.38 AC	16,616 SF	H.O.A.
TRACT 'F'	PRIVATE ALLEY	N/A	0.30 AC	12,867 SF	H.O.A.
TRACT 'G'	PRIVATE ALLEY	N/A	0.31 AC	13,662 SF	H.O.A.
TRACT 'H'	PRIVATE ALLEY	N/A	0.27 AC	11,711 SF	H.O.A.
TRACT 'I'	PRIVATE ALLEY	N/A	0.26 AC	11,180 SF	H.O.A.
TRACT 'J'	PRIVATE ALLEY	N/A	0.14 AC	5,926 SF	H.O.A.
TRACT 'K'	PRIVATE ALLEY	N/A	0.15 AC	6,620 SF	H.O.A.
TRACT 'L'	PRIVATE ALLEY	N/A	0.25 AC	10,764 SF	H.O.A.
TRACT 'M'	PRIVATE ALLEY	N/A	0.78 AC	34,182 SF	H.O.A.
TRACT N'	TRAFFIC CIRCLE	N/A	0.03 AC	1,095 SF	H.O.A.
TRACT 'O'	LANDSCAPE ISLAND	N/A	0.04 AC	1,918 SF	H.O.A.
TRACT 'P'	LANDSCAPE ISLAND	N/A	0.04 AC	1,715 SF	H.O.A.
TRACT 'Q'	STORMWATER POND 1 ⚠	GREEN	0.51 AC	22,196 SF	CITY
TRACT 'R'	STORMWATER POND 2	GREEN	5.58 AC	242,947 SF	CITY
TRACT 'S'	STORWMATER POND 3	GREEN	4.55 AC	198,108 SF	CITY
TRACT 'T'	STORMWATER POND 4	GREEN	0.36 AC	15,475 SF	CITY
TRACT 'U'	LANDSCAPE BUFFER	N/A	0.49 AC	21,241 SF	H.O.A.
TRACT 'V'	10' LANDSCAPE BUFFER	N/A	0.07 AC	2,877 SF	H.O.A.
TRACT 'W'	10' LANDSCAPE BUFFER	N/A	0.07 AC	3,211 SF	H.O.A.
TRACT 'X'	10' LANDSCAPE BUFFER	N/A	0.03 AC	1,479 SF	H.O.A.
TRACT 'Y'	10' LANDSCAPE BUFFER	N/A	0.10 AC	4,208 SF	H.O.A.
TRACT 'Z'	10' LANDSCAPE BUFFER	N/A	0.30 AC	12,965 SF	H.O.A.
TRACT 'AA'	10' LANDSCAPE BUFFER	N/A	0.02 AC	770 SF	H.O.A.
TRACT 'BB'	10' LANDSCAPE BUFFER	N/A	0.07 AC	2,873 SF	H.O.A.
TRACT 'CC'	10' LANDSCAPE BUFFER	N/A	0.29 AC	12,601 SF	H.O.A.
TRACT 'DD'	OPEN SPACE	N/A	0.05 AC	2,104 SF	H.O.A.
TRACT 'EE'	OPEN SPACE ⚠	GREEN	0.35 AC	15,147 SF	H.O.A.
TRACT 'FF'	OPEN SPACE	SQUARE	0.07 AC	3,058 SF	H.O.A.
TRACT 'GG'	OPEN SPACE	SQUARE	0.07 AC	3,193 SF	H.O.A.
TRACT 'HH'	PLAYGROUND	PLAYGROUND	0.11 AC	4,888 SF	H.O.A.
TRACT 'II'	AMENITY	GREEN/SQUARE/PLAZA	0.74 AC	32,058 SF	H.O.A.
TRACT 'JJ'	LIFT STATION	N/A	0.04 AC	1,739 SF	CITY
TRACT 'KK'	FUTURE COMMERCIAL DEVELOPMENT	N/A	1.37 AC	59,606 SF	PRIVATE
TRACT 'LL'	TRAFFIC CIRCLE	N/A	0.00 AC	68 SF	H.O.A.



SHEET 16 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJR/MD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 568-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30960

KPI-MU MASTER PLAN
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025
SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C3.0

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 9/2026 STATE OF FLORIDA PROFESSIONAL ENGINEER

Copyright © 2025 1828 Engineering. All rights reserved. This plan, as an instrument of service, is the property of 1828 Engineering and may not be used for any other project without the written consent of 1828 Engineering.

P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\MASTER PLAN.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis

ONDICH SOUTH SUBDIVISION MASTER PLAN DEVELOPMENT STANDARDS

A. Design Standards [1]

1. LOT CRITERIA:

Description	Single-Family Detached 34' & 40' Lots (Rear-Loaded)	Single-Family Attached 20' Townhomes (Rear-Loaded)
Front Porch Setback [2]	10' min.	10' min.
Front/Street Side Setback (Neighborhood District)	Minimum: 15' Maximum: 30'	Minimum: 15' Maximum: 30'
Front/Street Side Setback (Transition District)	Minimum: 10' Maximum: 20'	Minimum: 10' Maximum: 20'
Side Setback	5' mir.	0' for interior units 5' minimum for exterior units
Rear Setback	5' mir.	5' min.
Garage Rear Setback [3]	20' min.	20' min.
Min. Average Lot Area	3,366 SF	1,840 SF
Min. Lot Width	34'	20'
Min. Lot Depth	99'	92'
Max. Lot Coverage	75%	90%
Max. Building Height	35'/2 Stories	35'/2 Stories
Min. Living Area	1,300 SF	1,200 SF

(1) See Master Plan for depiction of conceptual typical site details.
(2) Front porch requirements and setback as allowed per Kelly Park Interchange Form Based Code Section J.1 and K.2(g)(v) and within Sections B.9.a, B.9.b, C9.a, and C.9.b of these Development Standards.
(3) Rear garages are allowed per Kelly Park Interchange Form-Based Code Section K.2(g)(iv)

B. Architectural, Buildings, and Accessory Structures for Detached Units

1. Architectural design shall meet the intent of City of Apopka Kelly Park Interchange Form-Base Code unless otherwise stated.
2. Each individual single-family home shall have a minimum of two (2) bedrooms.
3. All rear-loaded lots shall have a minimum of one (1) car garage.
4. Mail delivery for all lots within Ondich South shall occur at duster mailbox units. Approval from the Postmaster of the location shall be submitted prior to approval of the Construction Site Plan.
5. AC condenser units and similar equipment shall be placed in the side yard area. AC condenser units and similar equipment shall be placed with a minimum setback of three (3) feet from the side property line. For corner lots, AC condenser units and similar equipment shall be screened from side streets with landscaping or opaque fencing.
6. Storage sheds or similar storage facilities shall not be allowed.
7. Swimming pools shall not be allowed on rear-loaded lots.
8. Architectural Design Standards:
   a) Architectural styles shall be determined prior to Construction Site Plan approval, and these shall meet the intent of the City of Apopka's Kelly Park Interchange Form-Based Code except as noted on these Development Standards. Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from architectural rendering must be approved by City Council.
   b) Front facade materials such as cultured stone veneer, stucco, wood plank, and fiber cement siding may be utilized to be consistent with the applicable Architectural Style.
   c) Minimum roof pitch over the main house and garage shall be 5/12. Roof pitch over porches shall be a minimum of 4/12.
   d) Thirty-year asphalt shingle shall be installed on all roofs. Three-tab shingles are prohibited. The shingle color shall compliment the color scheme of the house.
   e) Aluminum fascia and soffit shall be standard for all houses. Fascia and soffit color shall complement the color scheme of the house.
   f) Trim around windows and doors shall be painted a different color from the body of the house. Doors may be painted either the same as the trim or separate accent color.
   g) Concrete or pavers shall be installed in rear yard driveways, lead walks, porches, and portico.
9. Front Building Entrance Elevation Design Standards:
   a) Front building entrance shall feature a minimum four (4) feet deep (per Kelly Park Interchange Form-Base Code Section J.4 Figure 16) porches and porticos flush or projecting beyond front wall or similar feature. Porches shall be a minimum width of four (4) feet and a minimum clear height of eight (8) feet.
   b) Front porches and porticos may be at grade level or elevated.
   c) Should any home's front elevation comprise less than the required 10% of windows, the front door shall be predominantly made of glass.
   d) Identical model plan type shall not be constructed on neighboring lots who share a side yard property boundary line or are directly across the street without a different elevation type.
   e) Identical exterior paint schemes shall not be applied on neighboring lots who share a side yard property boundary line or are directly across the street.
   f) Specific elevations style types shall have similar wall finishes, window grid patterns, window banding and trim, roof lines and slopes, etc. Applied to each lot width model plan type front elevations.
   g) Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from exterior elevations must be approved by City Council.
10. Individual Lot Front, Side, and Rear Yard Fencing Standards:
    a) The maximum height of a fence within a lot shall be six (6) feet above final grade or six (6) inches less than the community common wall height, whichever is less. No fence shall exceed the height of an abutting common area wall.
    b) Fencing at rear yards of rear-loaded lots shall be setback a minimum two (2) feet from the alley and driveway edges.
    c) Fencing in front yards and street corner side yards of lots shall adhere to LDC Section 5.5.
    d) Vinyl fencing shall be allowed.

C. Architectural, Buildings, and Accessory Structures for Attached Units (Townhomes)

1. Architectural design shall meet the intent of City of Apopka Kelly Park Interchange Form-Base Code unless otherwise stated.
2. Each individual townhome shall have a minimum of two (2) bedrooms.
3. All rear-loaded lots shall have a minimum of one (1) car garage.
4. Tree removal, tree replacement, and landscaping shall comply with the City of Apopka Kelly Park Interchange Form-Base Code Section M.
5. Individual lot arbor/clearing permit is required prior to clearing or grading of any lot or issuance of a building permit. Placement of the house shall preserve existing trees to the greatest extent practical. Plot plan for each lot shall illustrate tree locations as presented within the Construction Site Plan.

D. Utilities and Infrastructure

1. Potable water service shall be provided by the City of Apopka. The water system shall be designed to City of Apopka standards.
2. Reclaimed water service shall be provided by the City of Apopka. The reclaimed water system shall be designed to City of Apopka standards.
3. Stormwater management system shall be designed to comply with the design standards of the City of Apopka and the St. Johns River Water Management District.
4. A final drainage report and soils report will be submitted with the Construction Site Plan.
5. Sanitary service shall be provided by the City of Apopka. The sanitary system shall be designed to City of Apopka standards.
6. Utility easements shall be dedicated to the City of Apopka.
7. Drainage easements to be dedicated to the Homeowners' Association unless otherwise required by the City of Apopka.
8. All stormwater and utility pipes may be moved to save existing trees in the right-of-way. Any change in the location of these pipes will be shown on the Construction Site Plan.
9. On-site streets are to be constructed per City of Apopka standards.
10. Stabilized access roadways and fire hydrants must be in place before building construction may begin.
11. Solid waste collection and public safety (police and fire) shall be provided by the City of Apopka.
12. The internal Street Type D right-of-way is to be public.
13. The internal Street Type E (Neighborhood) rights-of-way are to be public.
14. The internal Street Type F (Alley) rights-of-way are to be private.
15. Five-foot (5') sidewalks are to be constructed within internal Streets Type E rights-of-way throughout the entire project in compliance with the City of Apopka Kelly Park Interchange Form-Base Code unless otherwise noted. Sidewalk alignment may be adjusted at Construction Site Plan to preserve existing trees.
16. An eight-foot (8') multipurpose trail is to be constructed along one side of internal Street Type D right-of-way as shown on the Master Plan. A five-foot (5') sidewalk is to be constructed on the other side of said Street Type D right-of-way.
17. Garages shall be accessed from the adjacent Street Type F (Alley) at the rear of the lot for all rear-loaded lots.
18. Power service within the development shall be underground. No overhead service will be allowed.
19. Vehicular, Pedestrian and Accent lighting shall substantially conform to the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e).

E. Recreation and Open Space

1. Required project open space shall be a minimum of 15% of the developed site area in accordance with City of Apopka Kelly Park Interchange Form-Base Code per Section Q Table 13.
2. Tract 'A' shall be an approximately 0.74-acre Amenity Tract. A specific park site plan showing amenities/equipment shall be provided with the Construction Site Plan. Park amenities shall include a cabana with restrooms, a swimming pool, and a covered mailbox kiosk at a minimum. The swimming pool shall meet minimum sizing requirements based on the Florida Building Code. Documentation/calculations that the proposed pool size and deck complies with state health standards will be provided at the Building Permit Application.

F. Buffers and Landscaping

1. A ten-foot (10') buffer for entry wall and landscaping will be provided along Ondich Road. This tract shall be dedicated to and maintained by the H.O.A.
2. A ten-foot (10') buffer for entry wall and landscaping will be provided along Effie Drive. This tract shall be dedicated to and maintained by the H.O.A.
3. A buffer with a minimum width of ten (10) feet shall be provided along the rest of the property boundary, except where adjacent to a stormwater pond tracts or the commercial parcel, for landscaping purposes. These landscape buffer tracts shall be dedicated to and maintained by the H.O.A. Landscape buffer plantings shall be planted along the boundary within the stormwater pond tracts. The future development Commercial parcel shall provide buffering within its parcel when it is developed.
4. The design of all buffer tracts, and buffer plantings within stormwater tracts, shall follow the City of Apopka Kelly Park Interchange Form-Base Code Section M. Landscaping and Hardscape Plans shall be provided at Construction Site Plan.
5. Entrance feature and community sign details will be provided with the Construction Site Plan.
6. Final landscape plans for the buffer areas and landscape islands along the proposed main entrance at Effie Drive shall be provided with the Construction Site Plan.
7. Tree Planting Conditions. Minimum of two (2) new trees shall be planted per residential lot. The new trees shall be a minimum of three (3) inches DBH at the time of planting and shall count toward the overall number of required tree replacement inches, if any. Trees within Street Type E (Neighborhood) shall be medium canopy trees at forty (40) feet minimum spacing and understory trees at twenty (20) feet minimum spacing per City of Apopka Kelly Park Interchange Form-Base Code Section P.3 Table 12. Trees within Street Type D shall be medium canopy trees at forty (40) feet minimum spacing per City of Apopka Kelly Park Interchange Form-Base Code Section P.3 Table 12.
8. Tree Protection Plan - The Construction Site Plan shall include tree protection techniques to prevent harm to any trees designate to be preserved or encroachment into protected natural areas, including but not limited to tree barricades, silt fencing or other similar techniques accepted by the City Engineer.

G. Maintenance and Plat

1. Ondich South Homeowners' Association shall maintain common areas including all fences/walls and landscaping within said common areas.
2. The Construction Site Plan shall include the plat document, and the plat shall be in final form.
3. The City of Apopka shall be responsible for the maintenance of Street Type D, Street Type E (Neighborhood), on-street parallel parking spaces, street lighting, stormwater collection systems and utilities (potable water main, reclaimed water main, force main, etc.) within the public rights-of-way of Ondich South.

H. Wetlands and Environmental

1. There are no wetland areas within the site.
2. According to the FEMA Flood Insurance Rate Map for Orange County, FL, Panel No. 12095C0050H, dated September 24, 2021, the entire site of the proposed development is located within Unshaded Zone 'X' (areas determined to outside the 500-year floodplain).
3. An erosion control plan will be submitted with the Construction Site Plan.

I. Development Condition Continuity

The KPI-MU Development Standards shall be printed within the KPI-MU Master Plan and the Construction Site Plan.

J. Signage

Signage shall comply with the City of Apopka Kelly Park Interchange Form-Base Code.

K. Lighting

Lighting shall comply with the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e). Street and parking area or pedestrian path light poles shall be decorative type. Details will be provided with the Construction Site Plan.

L. Garbage Pickup

1. Garbage of rear-loaded single-family units shall be picked up at the adjacent Street Type F (Alley) along the rear of the lots.

M. Miscellaneous

1. Any existing septic tanks or wells shall be properly abandoned prior to earthwork or construction. Permits shall be applied for and issued by the appropriate agencies.
2. All acreages are subject to change with Construction Site Plan and Preliminary Plat review and approval.
3. Outdoor storage areas (boats, trailers, recreational vehicles, etc.) are not provided within the development and will be prohibited through the H.O.A. documents.
4. All lots with rear alley access shall have uniform address numbers on the front and rear facades of the residence.

4. Mail delivery for all lots within Ondich South shall occur at duster mailbox units. Approval from the Postmaster of the location shall be submitted prior to approval of the Construction Site Plan.
5. AC condenser units and similar equipment shall be placed in the rear yard area for interior lots and in the rear or side yard for exterior lots. For exterior lots when placed within the side yard, AC condenser units and similar equipment shall be placed with a minimum setback of three (3) feet from the side property line. For interior lots, AC condenser units and similar equipment shall be placed within the rear yard with no minimum setback from the side property line. For corner lots, AC condenser units and similar equipment shall be screened from side streets with landscaping or opaque fencing.
6. Storage sheds or similar storage facilities shall not be allowed.
7. Swimming pools shall not be allowed on rear-loaded lots.
8. Architectural Design Standards:
   a) Architectural styles shall be determined prior to Construction Site Plan approval, and these shall meet the intent of the City of Apopka's Kelly Park Interchange Form-Based Code except as noted on these Development Standards. Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from architectural rendering must be approved by City Council.
   b) Front facade materials such as cultured stone veneer, stucco, wood plank, and fiber cement siding may be utilized to be consistent with the applicable Architectural Style.
   c) Minimum roof pitch over the main house and garage shall be 5/12. Roof pitch over porches shall be a minimum of 4/12.
   d) Thirty-year asphalt shingle shall be installed on all roofs. Three-tab shingles are prohibited. The shingle color shall compliment the color scheme of the house.
   e) Aluminum fascia and soffit shall be standard for all houses. Fascia and soffit color shall complement the color scheme of the house.
   f) Trim around windows and doors shall be painted a different color from the body of the house. Doors may be painted either the same as the trim or separate accent color.
   g) Concrete or pavers shall be installed in rear yard driveways, lead walks, porches, and porticos.
9. Front Building Entrance Elevation Design Standards:
   a) Front building entrance shall feature a minimum four (4) feet deep (per Kelly Park Interchange Form-Base Code Section J.4 Figure 16) porches and porticos flush or projecting beyond front wall or similar feature. Porches shall be a minimum width of four (4) feet and a minimum clear height of eight (8) feet.
   b) Front porches and porticos may be at grade level or elevated.
   c) Should any home's front elevation comprise less than the required 10% of windows, the front door shall be predominantly made of glass.
   d) Specific elevations style types shall have similar wall finishes, window grid patterns, window banding and trim, roof lines and slopes, etc. Applied to each lot width model plan type front elevations.
   e) Modification or replacement of the exterior elevations can be approved by the Community Development Director if such changes represent equivalent architectural value. Substantial deviations from exterior elevations must be approved by City Council.
10. Individual Lot Front, Side, and Rear Yard Fencing Standards:
    a) The maximum height of a fence within a lot shall be six (6) feet above final grade or six (6) inches less than the community common wall height, whichever is less. No fence shall exceed the height of an abutting common area wall.
    b) Fencing at rear yards of rear-loaded lots shall be setback a minimum two (2) feet from the alley and driveway edges.
    c) Fencing in front yards and street corner side yards of lots shall adhere to LDC Section 5.5.

d) Vinyl fencing shall be allowed.

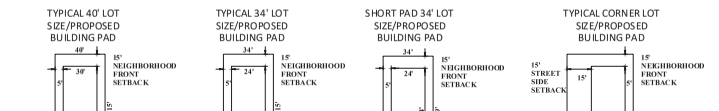
D. Utilities and Infrastructure

1. Potable water service shall be provided by the City of Apopka. The water system shall be designed to City of Apopka standards.
2. Reclaimed water service shall be provided by the City of Apopka. The reclaimed water system shall be designed to City of Apopka standards.
3. Stormwater management system shall be designed to comply with the design standards of the City of Apopka and the St. Johns River Water Management District.
4. A final drainage report and soils report will be submitted with the Construction Site Plan.
5. Sanitary service shall be provided by the City of Apopka. The sanitary system shall be designed to City of Apopka standards.
6. Utility easements shall be dedicated to the City of Apopka.
7. Drainage easements to be dedicated to the Homeowners' Association unless otherwise required by the City of Apopka.
8. All stormwater and utility pipes may be moved to save existing trees in the right-of-way. Any change in the location of these pipes will be shown on the Construction Site Plan.
9. On-site streets are to be constructed per City of Apopka standards.
10. Stabilized access roadways and fire hydrants must be in place before building construction may begin.
11. Solid waste collection and public safety (police and fire) shall be provided by the City of Apopka.
12. The internal Street Type D right-of-way is to be public.
13. The internal Street Type E (Neighborhood) rights-of-way are to be public.
14. The internal Street Type F (Alley) rights-of-way are to be private.
15. Five-foot (5') sidewalks are to be constructed within internal Streets Type E rights-of-way throughout the entire project in compliance with the City of Apopka Kelly Park Interchange Form-Base Code unless otherwise noted. Sidewalk alignment may be adjusted at Construction Site Plan to preserve existing trees.
16. An eight-foot (8') multipurpose trail is to be constructed along one side of internal Street Type D right-of-way as shown on the Master Plan. A five-foot (5') sidewalk is to be constructed on the other side of said Street Type D right-of-way.
17. Garages shall be accessed from the adjacent Street Type F (Alley) at the rear of the lot for all rear-loaded lots.
18. Power service within the development shall be underground. No overhead service will be allowed.
19. Vehicular, Pedestrian and Accent lighting shall substantially conform to the City of Apopka's Kelly Park Interchange Form-Base Code Section P.4(e).

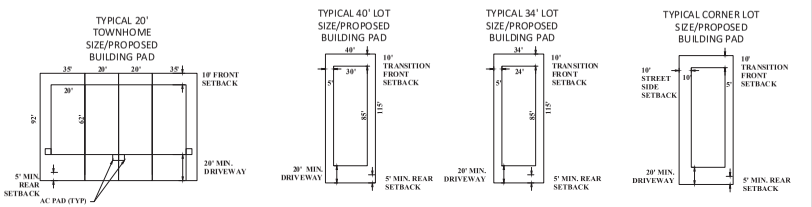
E. Recreation and Open Space

1. Required project open space shall be a minimum of 15% of the developed site area in accordance with City of Apopka Kelly Park Interchange Form-Base Code per Section Q Table 13.
2. Tract 'A' shall be an approximately 0.74-acre Amenity Tract. A specific park site plan showing amenities/equipment shall be provided with the Construction Site Plan. Park amenities shall include a cabana with restrooms, a swimming pool, and a covered mailbox kiosk at a minimum. The swimming pool shall meet minimum sizing requirements based on the Florida Building Code. Documentation/calculations that the proposed pool size and deck complies with state health standards will be provided at the Building Permit Application.

NEIGHBORHOOD DETAILS



TRANSITION DETAILS



NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

KPI-MU DEVELOPMENT STANDARDS
CONSTRUCTION SITE PLAN

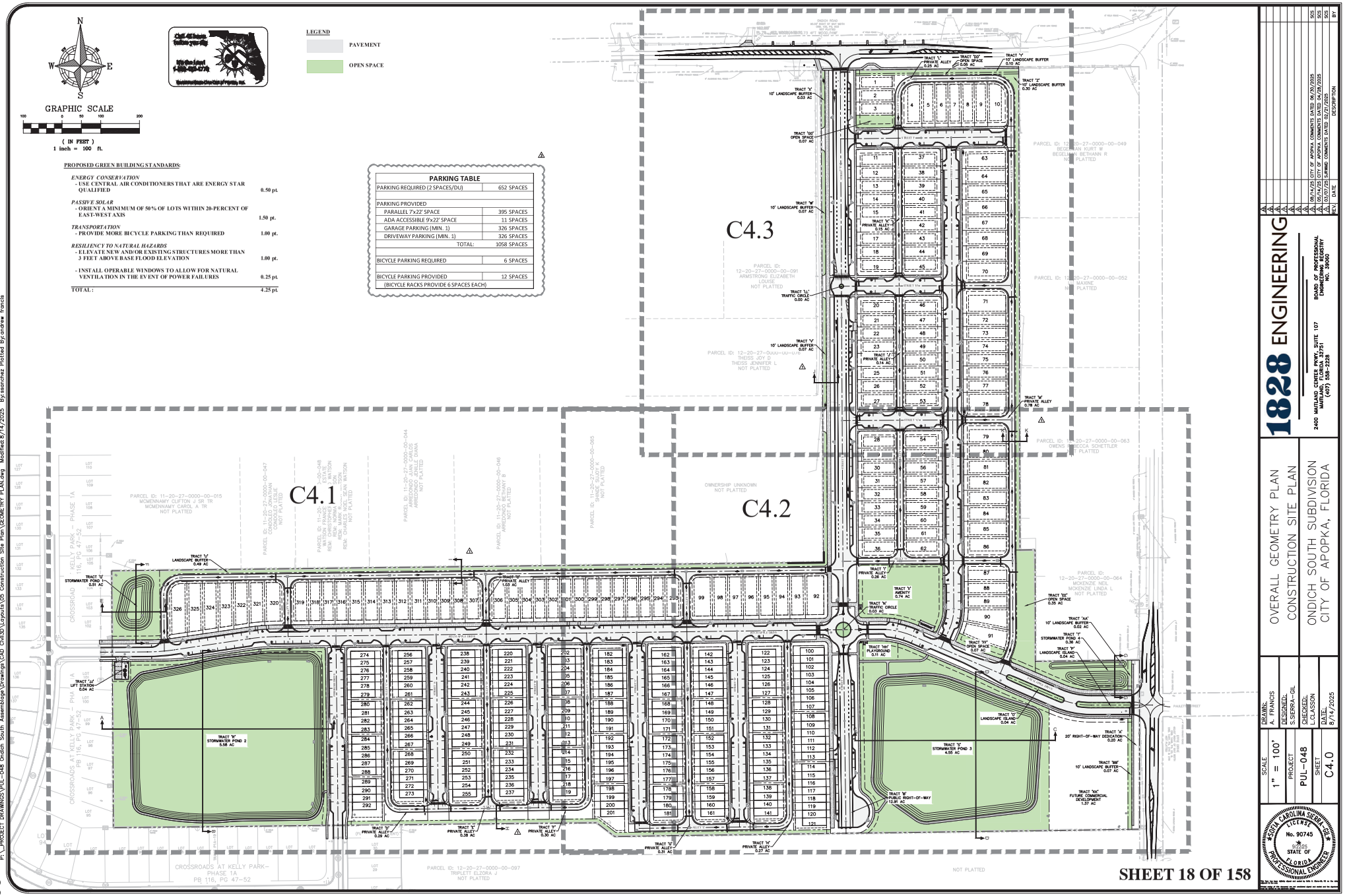
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C3.1

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SOUTH CAROLINA SIERRA-GIL, PE 90745 ON 8/13/2025 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\MASTER PLAN.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis



SHEET 18 OF 158

NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

OVERALL GEOMETRY PLAN
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

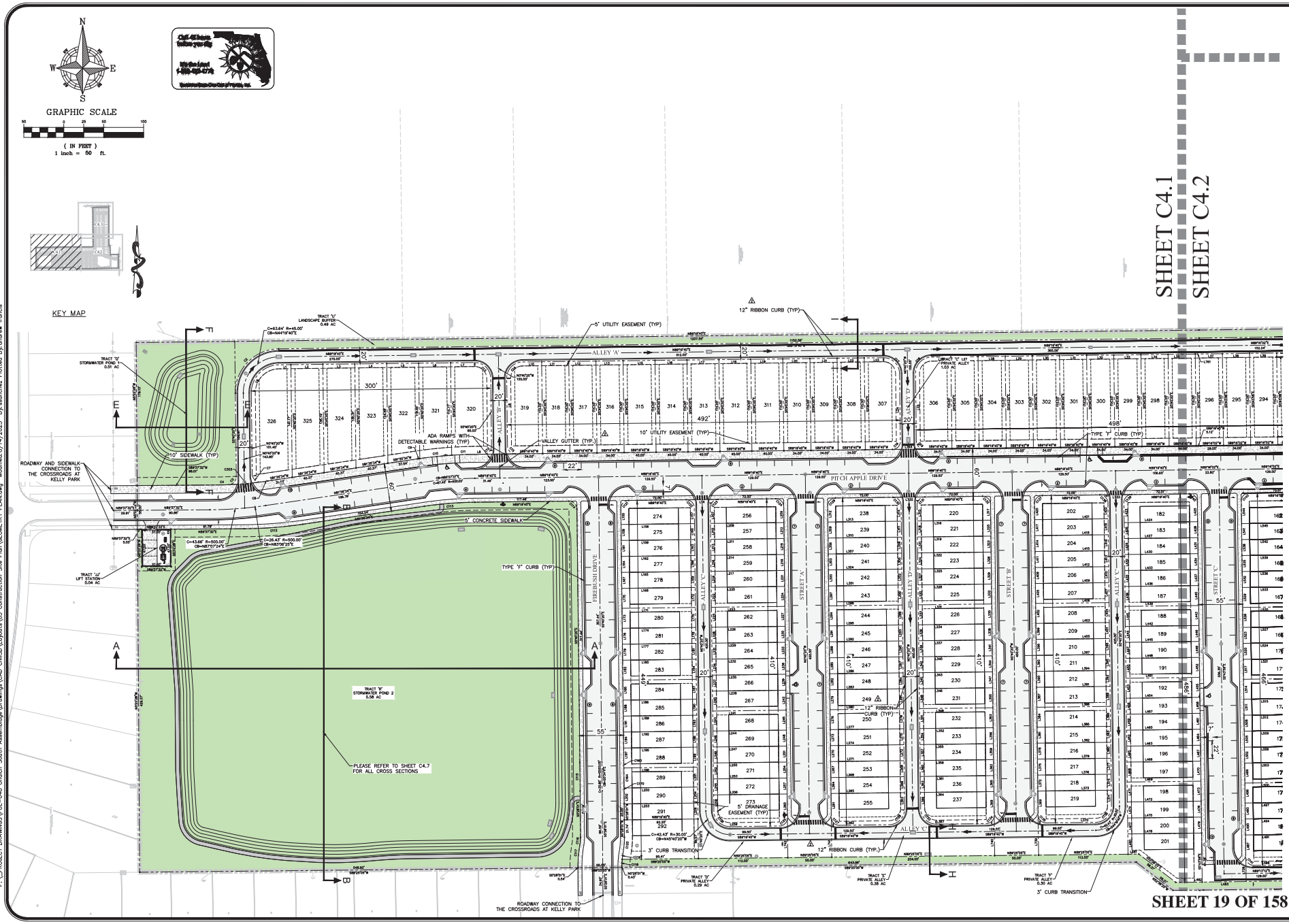
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025

SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C4.0

NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SIERRA GIL ON 8/14/2025

PJ PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\GEOMETRY PLAN.dwg Modified:8/14/2025 By:sanchez Plotted By:andrew francis



SHEET 19 OF 158

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

GEOMETRY PLAN – WEST
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

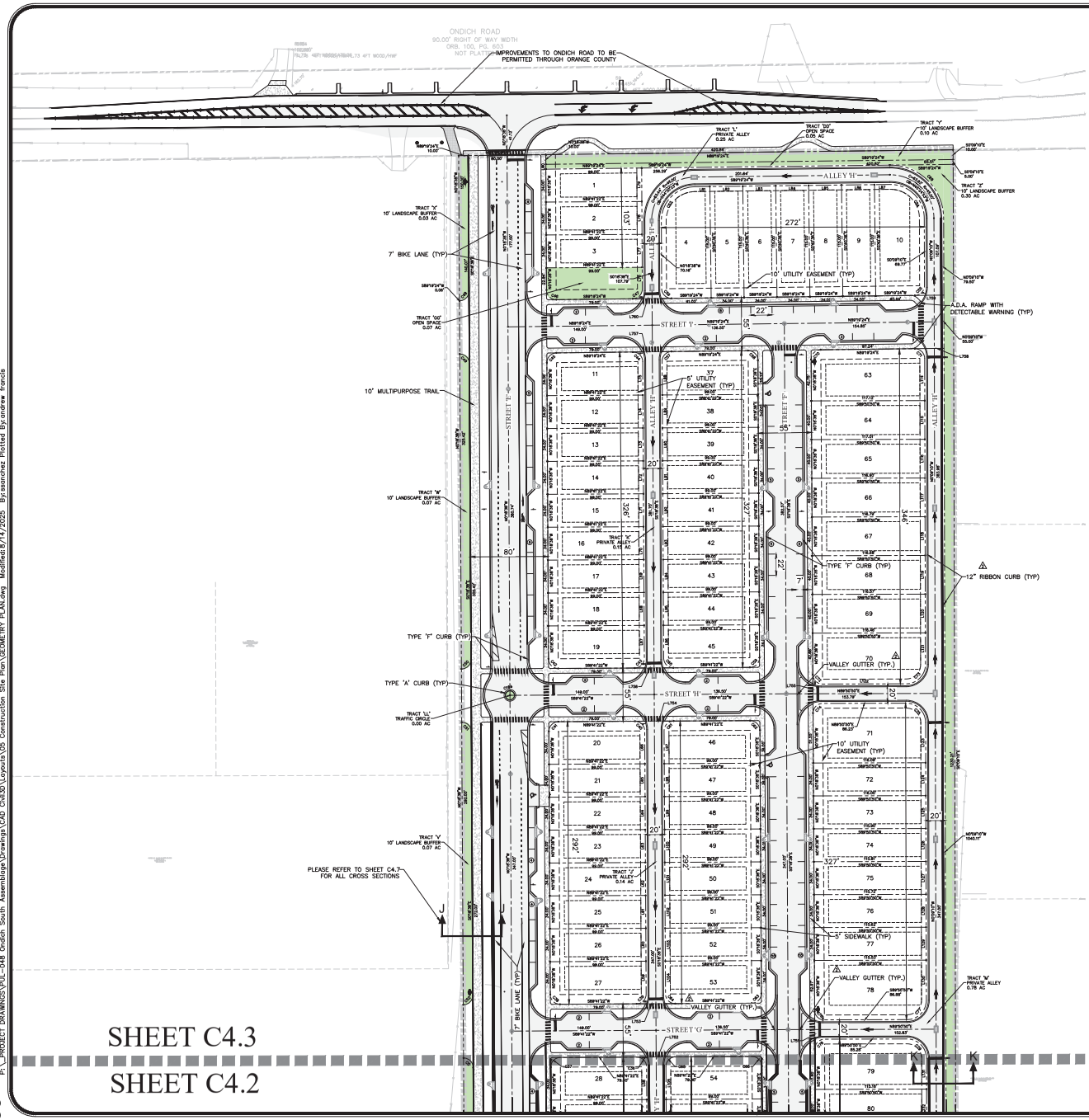
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025

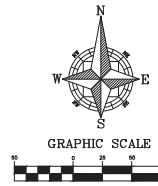
SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C4.1

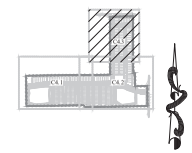
SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\GEOMETRY PLAN.dwg Modified:8/14/2025 By:ssanchez Plotted By:andrew francis

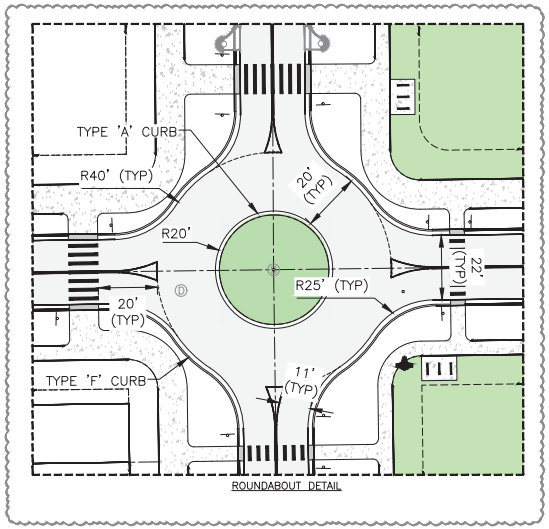
GEOMETRY PLAN – EAST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 658-2228
BOARD OF PROFESSIONAL ENGINEERS'
CERTIFICATE OF AUTHORIZATION NO. 30060
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025
SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C4.2
No. 90745
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
SIERRA-GIL
REV DATE DESCRIPTION BY
A 08/14/25 CITY OF APOPKA COMMENTS DATED 08/30/2025 SGS
A 05/14/25 CITY OF APOPKA COMMENTS DATED 04/28/2025 SGS
A 03/07/25 SJMMD COMMENTS DATED 02/21/2025 SGS
SHEET 20 OF 158
KEY MAP
GRAPHIC SCALE
1 INCH = 100 ft.
(IN FEET)
EFFIE DRIVE
60.00' RIGHT OF WAY WIDTH
ORB. 1446, PG. 22, &
ORB. 1437, PG. 274 & 276
NOT PLATTED
PAULETTE
PITCH APPLE DRIVE
PITCH PEAR DRIVE
IMPROVEMENTS TO EFFIE DRIVE TO BE PERMITTED THROUGH ORANGE COUNTY
TRACT 'AA' 10' LANDSCAPE BUFFER 0.02 AC
TRACT 'T' STORMWATER 0.36 AC
TRACT 'U' LANDSCAPE 0.04 AC
TRACT 'BB' 20' RIGHT-OF-WAY DEDICATION 0.07 AC
TRACT 'CC' 10' LANDSCAPE BUFFER 0.07 AC
TRACT 'DD' FUTURE 5' CONCRETE SIDEWALK 1.37 AC
TYPE 'A' CURB (TYP)
TRACT 'EE' OPEN SPACE 0.58 AC
12' RIBBON CURB (TYP)
5' DRAINAGE EASEMENT (TYP)
TRACT 'V' LANDSCAPE 0.40 AC
PLEASE REFER TO SHEET C4.7 FOR ALL CROSS SECTIONS
TRACT 'W' STORMWATER POND 3 4.26 AC
5' CRUSHED CONCRETE TRAIL (TYP)
10' UTILITY EASEMENT (TYP)
TRACT 'X' PRIVATE ROAD 0.94 AC
TRACT 'Y' PRIVATE ROAD 0.11 AC
TRACT 'Z' OPEN SPACE 0.03 AC
TRACT 'AB' PRIVATE ROAD 0.94 AC
TRACT 'AC' RIGHT-OF-WAY 0.04 AC
TRACT 'AD' PRIVATE ROAD 0.11 AC
TRACT 'AE' PRIVATE ALLEY 0.36 AC
TRACT 'AF' PRIVATE ALLEY 0.36 AC
TRACT 'AG' PRIVATE ALLEY 0.36 AC
TRACT 'AH' PRIVATE ALLEY 0.36 AC
TRACT 'AI' PRIVATE ALLEY 0.36 AC
TRACT 'AJ' PRIVATE ALLEY 0.36 AC
TRACT 'AK' PRIVATE ALLEY 0.36 AC
TRACT 'AL' PRIVATE ALLEY 0.36 AC
TRACT 'AM' PRIVATE ALLEY 0.36 AC
TRACT 'AN' PRIVATE ALLEY 0.36 AC
TRACT 'AO' PRIVATE ALLEY 0.36 AC
TRACT 'AP' PRIVATE ALLEY 0.36 AC
TRACT 'AQ' PRIVATE ALLEY 0.36 AC
TRACT 'AR' PRIVATE ALLEY 0.36 AC
TRACT 'AS' PRIVATE ALLEY 0.36 AC
TRACT 'AT' PRIVATE ALLEY 0.36 AC
TRACT 'AU' PRIVATE ALLEY 0.36 AC
TRACT 'AV' PRIVATE ALLEY 0.36 AC
TRACT 'AW' PRIVATE ALLEY 0.36 AC
TRACT 'AX' PRIVATE ALLEY 0.36 AC
TRACT 'AY' PRIVATE ALLEY 0.36 AC
TRACT 'AZ' PRIVATE ALLEY 0.36 AC
TRACT 'BA' PRIVATE ALLEY 0.36 AC
TRACT 'BB' PRIVATE ALLEY 0.36 AC
TRACT 'BC' PRIVATE ALLEY 0.36 AC
TRACT 'BD' PRIVATE ALLEY 0.36 AC
TRACT 'BE' PRIVATE ALLEY 0.36 AC
TRACT 'BF' PRIVATE ALLEY 0.36 AC
TRACT 'BG' PRIVATE ALLEY 0.36 AC
TRACT 'BH' PRIVATE ALLEY 0.36 AC
TRACT 'BI' PRIVATE ALLEY 0.36 AC
TRACT 'BJ' PRIVATE ALLEY 0.36 AC
TRACT 'BK' PRIVATE ALLEY 0.36 AC
TRACT 'BL' PRIVATE ALLEY 0.36 AC
TRACT 'BM' PRIVATE ALLEY 0.36 AC
TRACT 'BN' PRIVATE ALLEY 0.36 AC
TRACT 'BO' PRIVATE ALLEY 0.36 AC
TRACT 'BP' PRIVATE ALLEY 0.36 AC
TRACT 'BQ' PRIVATE ALLEY 0.36 AC
TRACT 'BR' PRIVATE ALLEY 0.36 AC
TRACT 'BS' PRIVATE ALLEY 0.36 AC
TRACT 'BT' PRIVATE ALLEY 0.36 AC
TRACT 'BU' PRIVATE ALLEY 0.36 AC
TRACT 'BV' PRIVATE ALLEY 0.36 AC
TRACT 'BW' PRIVATE ALLEY 0.36 AC
TRACT 'BX' PRIVATE ALLEY 0.36 AC
TRACT 'BY' PRIVATE ALLEY 0.36 AC
TRACT 'BZ' PRIVATE ALLEY 0.36 AC
TRACT 'CA' PRIVATE ALLEY 0.36 AC
TRACT 'CB' PRIVATE ALLEY 0.36 AC
TRACT 'CC' PRIVATE ALLEY 0.36 AC
TRACT 'CD' PRIVATE ALLEY 0.36 AC
TRACT 'CE' PRIVATE ALLEY 0.36 AC
TRACT 'CF' PRIVATE ALLEY 0.36 AC
TRACT 'CG' PRIVATE ALLEY 0.36 AC
TRACT 'CH' PRIVATE ALLEY 0.36 AC
TRACT 'CI' PRIVATE ALLEY 0.36 AC
TRACT 'CJ' PRIVATE ALLEY 0.36 AC
TRACT 'CK' PRIVATE ALLEY 0.36 AC
TRACT 'CL' PRIVATE ALLEY 0.36 AC
TRACT 'CM' PRIVATE ALLEY 0.36 AC
TRACT 'CN' PRIVATE ALLEY 0.36 AC
TRACT 'CO' PRIVATE ALLEY 0.36 AC
TRACT 'CP' PRIVATE ALLEY 0.36 AC
TRACT 'CQ' PRIVATE ALLEY 0.36 AC
TRACT 'CR' PRIVATE ALLEY 0.36 AC
TRACT 'CS' PRIVATE ALLEY 0.36 AC
TRACT 'CT' PRIVATE ALLEY 0.36 AC
TRACT 'CU' PRIVATE ALLEY 0.36 AC
TRACT 'CV' PRIVATE ALLEY 0.36 AC
TRACT 'CW' PRIVATE ALLEY 0.36 AC
TRACT 'CX' PRIVATE ALLEY 0.36 AC
TRACT 'CY' PRIVATE ALLEY 0.36 AC
TRACT 'CZ' PRIVATE ALLEY 0.36 AC
TRACT 'DA' PRIVATE ALLEY 0.36 AC
TRACT 'DB' PRIVATE ALLEY 0.36 AC
TRACT 'DC' PRIVATE ALLEY 0.36 AC
TRACT 'DD' PRIVATE ALLEY 0.36 AC
TRACT 'DE' PRIVATE ALLEY 0.36 AC
TRACT 'DF' PRIVATE ALLEY 0.36 AC
TRACT 'DG' PRIVATE ALLEY 0.36 AC
TRACT 'DH' PRIVATE ALLEY 0.36 AC
TRACT 'DI' PRIVATE ALLEY 0.36 AC
TRACT 'DJ' PRIVATE ALLEY 0.36 AC
TRACT 'DK' PRIVATE ALLEY 0.36 AC
TRACT 'DL' PRIVATE ALLEY 0.36 AC
TRACT 'DM' PRIVATE ALLEY 0.36 AC
TRACT 'DN' PRIVATE ALLEY 0.36 AC
TRACT 'DO' PRIVATE ALLEY 0.36 AC
TRACT 'DP' PRIVATE ALLEY 0.36 AC
TRACT 'DQ' PRIVATE ALLEY 0.36 AC
TRACT 'DR' PRIVATE ALLEY 0.36 AC
TRACT 'DS' PRIVATE ALLEY 0.36 AC
TRACT 'DT' PRIVATE ALLEY 0.36 AC
TRACT 'DU' PRIVATE ALLEY 0.36 AC
TRACT 'DV' PRIVATE ALLEY 0.36 AC
TRACT 'DW' PRIVATE ALLEY 0.36 AC
TRACT 'DX' PRIVATE ALLEY 0.36 AC
TRACT 'DY' PRIVATE ALLEY 0.36 AC
TRACT 'DZ' PRIVATE ALLEY 0.36 AC
TRACT 'EA' PRIVATE ALLEY 0.36 AC
TRACT 'EB' PRIVATE ALLEY 0.36 AC
TRACT 'EC' PRIVATE ALLEY 0.36 AC
TRACT 'ED' PRIVATE ALLEY 0.36 AC
TRACT 'EE' PRIVATE ALLEY 0.36 AC
TRACT 'EF' PRIVATE ALLEY 0.36 AC
TRACT 'EG' PRIVATE ALLEY 0.36 AC
TRACT 'EH' PRIVATE ALLEY 0.36 AC
TRACT 'EI' PRIVATE ALLEY 0.36 AC
TRACT 'EJ' PRIVATE ALLEY 0.36 AC
TRACT 'EK' PRIVATE ALLEY 0.36 AC
TRACT 'EL' PRIVATE ALLEY 0.36 AC
TRACT 'EM' PRIVATE ALLEY 0.36 AC
TRACT 'EN' PRIVATE ALLEY 0.36 AC
TRACT 'EO' PRIVATE ALLEY 0.36 AC
TRACT 'EP' PRIVATE ALLEY 0.36 AC
TRACT 'EQ' PRIVATE ALLEY 0.36 AC
TRACT 'ER' PRIVATE ALLEY 0.36 AC
TRACT 'ES' PRIVATE ALLEY 0.36 AC
TRACT 'ET' PRIVATE ALLEY 0.36 AC
TRACT 'EU' PRIVATE ALLEY 0.36 AC
TRACT 'EV' PRIVATE ALLEY 0.36 AC
TRACT 'EW' PRIVATE ALLEY 0.36 AC
TRACT 'EX' PRIVATE ALLEY 0.36 AC
TRACT 'EY' PRIVATE ALLEY 0.36 AC
TRACT 'EZ' PRIVATE ALLEY 0.36 AC
TRACT 'FA' PRIVATE ALLEY 0.36 AC
TRACT 'FB' PRIVATE ALLEY 0.36 AC
TRACT 'FC' PRIVATE ALLEY 0.36 AC
TRACT 'FD' PRIVATE ALLEY 0.36 AC
TRACT 'FE' PRIVATE ALLEY 0.36 AC
TRACT 'FF' PRIVATE ALLEY 0.36 AC
TRACT 'FG' PRIVATE ALLEY 0.36 AC
TRACT 'FH' PRIVATE ALLEY 0.36 AC
TRACT 'FI' PRIVATE ALLEY 0.36 AC
TRACT 'FJ' PRIVATE ALLEY 0.36 AC
TRACT 'FK' PRIVATE ALLEY 0.36 AC
TRACT 'FL' PRIVATE ALLEY 0.36 AC
TRACT 'FM' PRIVATE ALLEY 0.36 AC
TRACT 'FN' PRIVATE ALLEY 0.36 AC
TRACT 'FO' PRIVATE ALLEY 0.36 AC
TRACT 'FP' PRIVATE ALLEY 0.36 AC
TRACT 'FQ' PRIVATE ALLEY 0.36 AC
TRACT 'FR' PRIVATE ALLEY 0.36 AC
TRACT 'FS' PRIVATE ALLEY 0.36 AC
TRACT 'FT' PRIVATE ALLEY 0.36 AC
TRACT 'FU' PRIVATE ALLEY 0.36 AC
TRACT 'FV' PRIVATE ALLEY 0.36 AC
TRACT 'FW' PRIVATE ALLEY 0.36 AC
TRACT 'FX' PRIVATE ALLEY 0.36 AC
TRACT 'FY' PRIVATE ALLEY 0.36 AC
TRACT 'FZ' PRIVATE ALLEY 0.36 AC
TRACT 'GA' PRIVATE ALLEY 0.36 AC
TRACT 'GB' PRIVATE ALLEY 0.36 AC
TRACT 'GC' PRIVATE ALLEY 0.36 AC
TRACT 'GD' PRIVATE ALLEY 0.36 AC
TRACT 'GE' PRIVATE ALLEY 0.36 AC
TRACT 'GF' PRIVATE ALLEY 0.36 AC
TRACT 'GG' PRIVATE ALLEY 0.36 AC
TRACT 'GH' PRIVATE ALLEY 0.36 AC
TRACT 'GI' PRIVATE ALLEY 0.36 AC
TRACT 'GJ' PRIVATE ALLEY 0.36 AC
TRACT 'GK' PRIVATE ALLEY 0.36 AC
TRACT 'GL' PRIVATE ALLEY 0.36 AC
TRACT 'GM' PRIVATE ALLEY 0.36 AC
TRACT 'GN' PRIVATE ALLEY 0.36 AC
TRACT 'GO' PRIVATE ALLEY 0.36 AC
TRACT 'GP' PRIVATE ALLEY 0.36 AC
TRACT 'GQ' PRIVATE ALLEY 0.36 AC
TRACT 'GR' PRIVATE ALLEY 0.36 AC
TRACT 'GS' PRIVATE ALLEY 0.36 AC
TRACT 'GT' PRIVATE ALLEY 0.36 AC
TRACT 'GU' PRIVATE ALLEY 0.36 AC
TRACT 'GV' PRIVATE ALLEY 0.36 AC
TRACT 'GW' PRIVATE ALLEY 0.36 AC
TRACT 'GX' PRIVATE ALLEY 0.36 AC
TRACT 'GY' PRIVATE ALLEY 0.36 AC
TRACT 'GZ' PRIVATE ALLEY 0.36 AC
TRACT 'HA' PRIVATE ALLEY 0.36 AC
TRACT 'HB' PRIVATE ALLEY 0.36 AC
TRACT 'HC' PRIVATE ALLEY 0.36 AC
TRACT 'HD' PRIVATE ALLEY 0.36 AC
TRACT 'HE' PRIVATE ALLEY 0.36 AC
TRACT 'HF' PRIVATE ALLEY 0.36 AC
TRACT 'HG' PRIVATE ALLEY 0.36 AC
TRACT 'HH' PRIVATE ALLEY 0.36 AC
TRACT 'HI' PRIVATE ALLEY 0.36 AC
TRACT 'HJ' PRIVATE ALLEY 0.36 AC
TRACT 'HK' PRIVATE ALLEY 0.36 AC
TRACT 'HL' PRIVATE ALLEY 0.36 AC
TRACT 'HM' PRIVATE ALLEY 0.36 AC
TRACT 'HN' PRIVATE ALLEY 0.36 AC
TRACT 'HO' PRIVATE ALLEY 0.36 AC
TRACT 'HP' PRIVATE ALLEY 0.36 AC
TRACT 'HQ' PRIVATE ALLEY 0.36 AC
TRACT 'HR' PRIVATE ALLEY 0.36 AC
TRACT 'HS' PRIVATE ALLEY 0.36 AC
TRACT 'HT' PRIVATE ALLEY 0.36 AC
TRACT 'HU' PRIVATE ALLEY 0.36 AC
TRACT 'HV' PRIVATE ALLEY 0.36 AC
TRACT 'HW' PRIVATE ALLEY 0.36 AC
TRACT 'HX' PRIVATE ALLEY 0.36 AC
TRACT 'HY' PRIVATE ALLEY 0.36 AC
TRACT 'HZ' PRIVATE ALLEY 0.36 AC
TRACT 'IA' PRIVATE ALLEY 0.36 AC
TRACT 'IB' PRIVATE ALLEY 0.36 AC
TRACT 'IC' PRIVATE ALLEY 0.36 AC
TRACT 'ID' PRIVATE ALLEY 0.36 AC
TRACT 'IE' PRIVATE ALLEY 0.36 AC
TRACT 'IF' PRIVATE ALLEY 0.36 AC
TRACT 'IG' PRIVATE ALLEY 0.36 AC
TRACT 'IH' PRIVATE ALLEY 0.36 AC
TRACT 'II' PRIVATE ALLEY 0.36 AC
TRACT 'IJ' PRIVATE ALLEY 0.36 AC
TRACT 'IK' PRIVATE ALLEY 0.36 AC
TRACT 'IL' PRIVATE ALLEY 0.36 AC
TRACT 'IM' PRIVATE ALLEY 0.36 AC
TRACT 'IN' PRIVATE ALLEY 0.36 AC
TRACT 'IO' PRIVATE ALLEY 0.36 AC
TRACT 'IP' PRIVATE ALLEY 0.36 AC
TRACT 'IQ' PRIVATE ALLEY 0.36 AC
TRACT 'IR' PRIVATE ALLEY 0.36 AC
TRACT 'IS' PRIVATE ALLEY 0.36 AC
TRACT 'IT' PRIVATE ALLEY 0.36 AC
TRACT 'IU' PRIVATE ALLEY 0.36 AC
TRACT 'IV' PRIVATE ALLEY 0.36 AC
TRACT 'IW' PRIVATE ALLEY 0.36 AC
TRACT 'IX' PRIVATE ALLEY 0.36 AC
TRACT 'IY' PRIVATE ALLEY 0.36 AC
TRACT 'IZ' PRIVATE ALLEY 0.36 AC
TRACT 'JA' PRIVATE ALLEY 0.36 AC
TRACT 'JB' PRIVATE ALLEY 0.36 AC
TRACT 'JC' PRIVATE ALLEY 0.36 AC
TRACT 'JD' PRIVATE ALLEY 0.36 AC
TRACT 'JE' PRIVATE ALLEY 0.36 AC
TRACT 'JF' PRIVATE ALLEY 0.36 AC
TRACT 'JG' PRIVATE ALLEY 0.36 AC
TRACT 'JH' PRIVATE ALLEY 0.36 AC
TRACT 'JI' PRIVATE ALLEY 0.36 AC
TRACT 'JJ' PRIVATE ALLEY 0.36 AC
TRACT 'JK' PRIVATE ALLEY 0.36 AC
TRACT 'JL' PRIVATE ALLEY 0.36 AC
TRACT 'JM' PRIVATE ALLEY 0.36 AC
TRACT 'JN' PRIVATE ALLEY 0.36 AC
TRACT 'JO' PRIVATE ALLEY 0.36 AC
TRACT 'JP' PRIVATE ALLEY 0.36 AC
TRACT 'JQ' PRIVATE ALLEY 0.36 AC
TRACT 'JR' PRIVATE ALLEY 0.36 AC
TRACT 'JS' PRIVATE ALLEY 0.36 AC
TRACT 'JT' PRIVATE ALLEY 0.36 AC
TRACT 'JU' PRIVATE ALLEY 0.36 AC
TRACT 'JV' PRIVATE ALLEY 0.36 AC
TRACT 'JW' PRIVATE ALLEY 0.36 AC
TRACT 'JX' PRIVATE ALLEY 0.36 AC
TRACT 'JY' PRIVATE ALLEY 0.36 AC
TRACT 'JZ' PRIVATE ALLEY 0.36 AC
TRACT 'KA' PRIVATE ALLEY 0.36 AC
TRACT 'KB' PRIVATE ALLEY 0.36 AC
TRACT 'KC' PRIVATE ALLEY 0.36 AC
TRACT 'KD' PRIVATE ALLEY 0.36 AC
TRACT 'KE' PRIVATE ALLEY 0.36 AC
TRACT 'KF' PRIVATE ALLEY 0.36 AC
TRACT 'KG' PRIVATE ALLEY 0.36 AC
TRACT 'KH' PRIVATE ALLEY 0.36 AC
TRACT 'KI' PRIVATE ALLEY 0.36 AC
TRACT 'KJ' PRIVATE ALLEY 0.36 AC
TRACT 'KK' PRIVATE ALLEY 0.36 AC
TRACT 'KL' PRIVATE ALLEY 0.36 AC
TRACT 'KM' PRIVATE ALLEY 0.36 AC
TRACT 'KN' PRIVATE ALLEY 0.36 AC
TRACT 'KO' PRIVATE ALLEY 0.36 AC
TRACT 'KP' PRIVATE ALLEY 0.36 AC
TRACT 'KQ' PRIVATE ALLEY 0.36 AC
TRACT 'KR' PRIVATE ALLEY 0.36 AC
TRACT 'KS' PRIVATE ALLEY 0.36 AC
TRACT 'KT' PRIVATE ALLEY 0.36 AC
TRACT 'KU' PRIVATE ALLEY 0.36 AC
TRACT 'KV' PRIVATE ALLEY 0.36 AC
TRACT 'KW' PRIVATE ALLEY 0.36 AC
TRACT 'KX' PRIVATE ALLEY 0.36 AC
TRACT 'KY' PRIVATE ALLEY 0.36 AC
TRACT 'KZ' PRIVATE ALLEY 0.36 AC
TRACT 'LA' PRIVATE ALLEY 0.36 AC
TRACT 'LB' PRIVATE ALLEY 0.36 AC
TRACT 'LC' PRIVATE ALLEY 0.36 AC
TRACT 'LD' PRIVATE ALLEY 0.36 AC
TRACT 'LE' PRIVATE ALLEY 0.36 AC
TRACT 'LF' PRIVATE ALLEY 0.36 AC
TRACT 'LG' PRIVATE ALLEY 0.36 AC
TRACT 'LH' PRIVATE ALLEY 0.36 AC
TRACT 'LI' PRIVATE ALLEY 0.36 AC
TRACT 'LJ' PRIVATE ALLEY 0.36 AC
TRACT 'LK' PRIVATE ALLEY 0.36 AC
TRACT 'LL' PRIVATE ALLEY 0.36 AC
TRACT 'LM' PRIVATE ALLEY 0.36 AC
TRACT 'LN' PRIVATE ALLEY 0.36 AC
TRACT 'LO' PRIVATE ALLEY 0.36 AC
TRACT 'LP' PRIVATE ALLEY 0.36 AC
TRACT 'LQ' PRIVATE ALLEY 0.36 AC
TRACT 'LR' PRIVATE ALLEY 0.36 AC
TRACT 'LS' PRIVATE ALLEY 0.36 AC
TRACT 'LT' PRIVATE ALLEY 0.36 AC
TRACT 'LU' PRIVATE ALLEY 0.36 AC
TRACT 'LV' PRIVATE ALLEY 0.36 AC
TRACT 'LW' PRIVATE ALLEY 0.36 AC
TRACT 'LX' PRIVATE ALLEY 0.36 AC
TRACT 'LY' PRIVATE ALLEY 0.36 AC
TRACT 'LZ' PRIVATE ALLEY 0.36 AC
TRACT 'MA' PRIVATE ALLEY 0.36 AC
TRACT 'MB' PRIVATE ALLEY 0.36 AC
TRACT 'MC' PRIVATE ALLEY 0.36 AC
TRACT 'MD' PRIVATE ALLEY 0.36 AC
TRACT 'ME' PRIVATE ALLEY 0.36 AC
TRACT 'MF' PRIVATE ALLEY 0.36 AC
TRACT 'MG' PRIVATE ALLEY 0.36 AC
TRACT 'MH' PRIVATE ALLEY 0.36 AC
TRACT 'MI' PRIVATE ALLEY 0.36 AC
TRACT 'MJ' PRIVATE ALLEY 0.36 AC
TRACT 'MK' PRIVATE ALLEY 0.36 AC
TRACT 'ML' PRIVATE ALLEY 0.36 AC
TRACT 'MM' PRIVATE ALLEY 0.36 AC
TRACT 'MN' PRIVATE ALLEY 0.36 AC
TRACT 'MO' PRIVATE ALLEY 0.36 AC
TRACT 'MP' PRIVATE ALLEY 0.36 AC
TRACT 'MQ' PRIVATE ALLEY 0.36 AC
TRACT 'MR' PRIVATE ALLEY 0.36 AC
TRACT 'MS' PRIVATE ALLEY 0.36 AC
TRACT 'MT' PRIVATE ALLEY 0.36 AC
TRACT 'MU' PRIVATE ALLEY 0.36 AC
TRACT 'MV' PRIVATE ALLEY 0.36 AC
TRACT 'MW' PRIVATE ALLEY 0.36 AC
TRACT 'MX' PRIVATE ALLEY 0.36 AC
TRACT 'MY' PRIVATE ALLEY 0.36 AC
TRACT 'MZ' PRIVATE ALLEY 0.36 AC
TRACT 'NA' PRIVATE ALLEY 0.36 AC
TRACT 'NB' PRIVATE ALLEY 0.36 AC
TRACT 'NC' PRIVATE ALLEY 0.36 AC
TRACT 'ND' PRIVATE ALLEY 0.36 AC
TRACT 'NE' PRIVATE ALLEY 0.36 AC
TRACT 'NF' PRIVATE ALLEY 0.36 AC
TRACT 'NG' PRIVATE ALLEY 0.36 AC
TRACT 'NH' PRIVATE ALLEY 0.36 AC
TRACT 'NI' PRIVATE ALLEY 0.36 AC
TRACT 'NJ' PRIVATE ALLEY 0.36 AC
TRACT 'NK' PRIVATE ALLEY 0.36 AC
TRACT 'NL' PRIVATE ALLEY 0.36 AC
TRACT 'NM' PRIVATE ALLEY 0.36 AC
TRACT 'NN' PRIVATE ALLEY 0.36 AC
TRACT 'NO' PRIVATE ALLEY 0.36 AC
TRACT 'NP' PRIVATE ALLEY 0.36 AC
TRACT 'NQ' PRIVATE ALLEY 0.36 AC
TRACT 'NR' PRIVATE ALLEY 0.36 AC
TRACT 'NS' PRIVATE ALLEY 0.36 AC
TRACT 'NT' PRIVATE ALLEY 0.36 AC
TRACT 'NU' PRIVATE ALLEY 0.36 AC
TRACT 'NV' PRIVATE ALLEY 0.36 AC
TRACT 'NW' PRIVATE ALLEY 0.36 AC
TRACT 'NX' PRIVATE ALLEY 0.36 AC
TRACT 'NY' PRIVATE ALLEY 0.36 AC
TRACT 'NZ' PRIVATE ALLEY 0.36 AC
TRACT 'OA' PRIVATE ALLEY 0.36 AC
TRACT 'OB' PRIVATE ALLEY 0.36 AC
TRACT 'OC' PRIVATE ALLEY 0.36 AC
TRACT 'OD' PRIVATE ALLEY 0.36 AC
TRACT 'OE' PRIVATE ALLEY 0.36 AC
TRACT 'OF' PRIVATE ALLEY 0.36 AC
TRACT 'OG' PRIVATE ALLEY 0.36 AC
TRACT 'OH' PRIVATE ALLEY 0.36 AC
TRACT 'OI' PRIVATE ALLEY 0.36 AC
TRACT 'OJ' PRIVATE ALLEY 0.36 AC
TRACT 'OK' PRIVATE ALLEY 0.36 AC
TRACT 'OL' PRIVATE ALLEY 0.36 AC
TRACT 'OM' PRIVATE ALLEY 0.36 AC
TRACT 'ON' PRIVATE ALLEY 0.36 AC
TRACT 'OO' PRIVATE ALLEY 0.36 AC
TRACT 'OP' PRIVATE ALLEY 0.36 AC
TRACT 'OQ' PRIVATE ALLEY 0.36 AC
TRACT 'OR' PRIVATE ALLEY 0.36 AC
TRACT 'OS' PRIVATE ALLEY 0.36 AC
TRACT 'OT' PRIVATE ALLEY 0.36 AC
TRACT 'OU' PRIVATE ALLEY 0.36 AC
TRACT 'OV' PRIVATE ALLEY 0.36 AC
TRACT 'OW' PRIVATE ALLEY 0.36 AC
TRACT 'OX' PRIVATE ALLEY 0.36 AC
TRACT 'OY' PRIVATE ALLEY 0.36 AC
TRACT 'OZ' PRIVATE ALLEY 0.36 AC
TRACT 'PA' PRIVATE ALLEY 0.36 AC
TRACT 'PB' PRIVATE ALLEY 0.36 AC
TRACT 'PC' PRIVATE ALLEY 0.36 AC
TRACT 'PD' PRIVATE ALLEY 0.36 AC
TRACT 'PE' PRIVATE ALLEY 0.36 AC
TRACT 'PF' PRIVATE ALLEY 0.36 AC
TRACT 'PG' PRIVATE ALLEY 0.36 AC
TRACT 'PH' PRIVATE ALLEY 0.36 AC
TRACT 'PI' PRIVATE ALLEY 0.36 AC
TRACT 'PJ' PRIVATE ALLEY 0.36 AC
TRACT 'PK' PRIVATE ALLEY 0.36 AC
TRACT 'PL' PRIVATE ALLEY 0.36 AC
TRACT 'PM' PRIVATE ALLEY 0.36 AC
TRACT 'PN' PRIVATE ALLEY 0.36 AC
TRACT 'PO' PRIVATE ALLEY 0.36 AC
TRACT 'PP' PRIVATE ALLEY 0.36 AC
TRACT 'PQ' PRIVATE ALLEY 0.36 AC
TRACT 'PR' PRIVATE ALLEY 0.36 AC
TRACT 'PS' PRIVATE ALLEY 0.36 AC
TRACT 'PT' PRIVATE ALLEY 0.36 AC
TRACT 'PU' PRIVATE ALLEY 0.36 AC
TRACT 'PV' PRIVATE ALLEY 0.36 AC
TRACT 'PW' PRIVATE ALLEY 0.36 AC
TRACT 'PX' PRIVATE ALLEY 0.36 AC
TRACT 'PY' PRIVATE ALLEY 0.36 AC
TRACT 'PZ' PRIVATE ALLEY 0.36 AC
TRACT 'QA' PRIVATE ALLEY 0.36 AC
TRACT 'QB' PRIVATE ALLEY 0.36 AC
TRACT 'QC' PRIVATE ALLEY 0.36 AC
TRACT 'QD' PRIVATE ALLEY 0.36 AC
TRACT 'QE' PRIVATE ALLEY 0.36 AC
TRACT 'QF' PRIVATE ALLEY 0.36 AC
TRACT 'QG' PRIVATE ALLEY 0.36 AC
TRACT 'QH' PRIVATE ALLEY 0.36 AC
TRACT 'QI' PRIVATE ALLEY 0.36 AC
TRACT 'QJ' PRIVATE ALLEY 0.36 AC
TRACT 'QK' PRIVATE ALLEY 0.36 AC
TRACT 'QL' PRIVATE ALLEY 0.36 AC
TRACT 'QM' PRIVATE ALLEY 0.36 AC
TRACT 'QN' PRIVATE ALLEY 0.36 AC
TRACT 'QO' PRIVATE ALLEY 0.36 AC
TRACT 'QP' PRIVATE ALLEY 0.36 AC
TRACT 'QQ' PRIVATE ALLEY 0.36 AC
TRACT 'QR' PRIVATE ALLEY 0.36 AC
TRACT 'QS' PRIVATE ALLEY 0.36 AC
TRACT 'QT' PRIVATE ALLEY 0.36 AC
TRACT 'QU' PRIVATE ALLEY 0.36 AC
TRACT 'QV' PRIVATE ALLEY 0.36 AC
TRACT 'QW' PRIVATE ALLEY 0.36 AC
TRACT 'QX' PRIVATE ALLEY 0.36 AC
TRACT 'QY' PRIVATE ALLEY 0.36 AC
TRACT 'QZ' PRIVATE ALLEY 0.36 AC
TRACT 'RA' PRIVATE ALLEY 0.36 AC
TRACT 'RB' PRIVATE ALLEY 0.36 AC
TRACT 'RC' PRIVATE ALLEY 0.36 AC
TRACT 'RD' PRIVATE ALLEY 0.36 AC
TRACT 'RE' PRIVATE ALLEY 0.36 AC
TRACT 'RF' PRIVATE ALLEY 0.36 AC
TRACT 'RG' PRIVATE ALLEY 0.36 AC
TRACT 'RH' PRIVATE ALLEY 0.36 AC
TRACT 'RI' PRIVATE ALLEY 0.36 AC
TRACT 'RJ' PRIVATE ALLEY 0.36 AC
TRACT 'RK' PRIVATE ALLEY 0.36 AC
TRACT 'RL' PRIVATE ALLEY 0.36 AC
TRACT 'RM' PRIVATE ALLEY 0.36 AC
TRACT 'RN' PRIVATE ALLEY 0.36 AC
TRACT 'RO' PRIVATE ALLEY 0.36 AC
TRACT 'RP' PRIVATE ALLEY 0.36 AC
TRACT 'RQ' PRIVATE ALLEY 0.36 AC
TRACT 'RR' PRIVATE ALLEY 0.36 AC
TRACT 'RS' PRIVATE ALLEY 0.36 AC
TRACT 'RT' PRIVATE ALLEY 0.36 AC
TRACT 'RU' PRIVATE ALLEY 0.36 AC
TRACT 'RV' PRIVATE ALLEY 0.36 AC
TRACT 'RW' PRIVATE ALLEY 0.36 AC
TRACT 'RX' PRIVATE ALLEY 0.36 AC
TRACT 'RY' PRIVATE ALLEY 0.36 AC
TRACT 'RZ' PRIVATE ALLEY 0.36 AC
TRACT 'SA' PRIVATE ALLEY 0.36 AC
TRACT 'SB' PRIVATE ALLEY 0.36 AC
TRACT 'SC' PRIVATE ALLEY 0.36 AC
TRACT 'SD' PRIVATE ALLEY 0.36 AC
TRACT 'SE' PRIVATE ALLEY 0.36 AC
TRACT 'SF' PRIVATE ALLEY 0.36 AC
TRACT 'SG' PRIVATE ALLEY 0.36 AC
TRACT 'SH' PRIVATE ALLEY 0.36 AC
TRACT 'SI' PRIVATE ALLEY 0.36 AC
TRACT 'SJ' PRIVATE ALLEY 0.36 AC
TRACT 'SK' PRIVATE ALLEY 0.36 AC
TRACT 'SL' PRIVATE ALLEY 0.36 AC
TRACT 'SM' PRIVATE ALLEY 0.36 AC
TRACT 'SN' PRIVATE ALLEY 0.36 AC
TRACT 'SO' PRIVATE ALLEY 0.36 AC
TRACT 'SP' PRIVATE ALLEY 0.36 AC
TRACT 'SQ' PRIVATE ALLEY 0.36 AC
TRACT 'SR' PRIVATE ALLEY 0.36 AC
TRACT 'SS' PRIVATE ALLEY 0.36 AC
TRACT 'ST' PRIVATE ALLEY 0.36 AC
TRACT 'SU' PRIVATE ALLEY 0.36 AC
TRACT 'SV' PRIVATE ALLEY 0.36 AC
TRACT 'SW' PRIVATE ALLEY 0.36 AC
TRACT 'SX' PRIVATE ALLEY 0.36 AC
TRACT 'SY' PRIVATE ALLEY 0.36 AC
TRACT 'SZ' PRIVATE ALLEY 0.36 AC
TRACT 'TA' PRIVATE ALLEY 0.36 AC
TRACT 'TB' PRIVATE ALLEY 0.36 AC
TRACT 'TC' PRIVATE ALLEY 0.36 AC
TRACT 'TD' PRIVATE ALLEY 0.36 AC
TRACT 'TE' PRIVATE ALLEY 0.36 AC
TRACT 'TF' PRIVATE ALLEY 0.36 AC
TRACT 'TG' PRIVATE ALLEY 0.36 AC
TRACT 'TH' PRIVATE ALLEY 0.36 AC
TRACT 'TI' PRIVATE ALLEY 0.36 AC
TRACT 'TJ' PRIVATE ALLEY 0.36 AC
TRACT 'TK' PRIVATE ALLEY 0.36 AC
TRACT 'TL' PRIVATE ALLEY 0.36 AC
TRACT 'TM' PRIVATE ALLEY 0.36 AC
TRACT 'TN' PRIVATE ALLEY 0.36 AC
TRACT 'TO' PRIVATE ALLEY 0.36 AC
TRACT 'TP' PRIVATE ALLEY 0.36 AC
TRACT 'TQ' PRIVATE ALLEY 0.36 AC
TRACT 'TR' PRIVATE ALLEY 0.36 AC
TRACT 'TS' PRIVATE ALLEY 0.36 AC
TRACT 'TT' PRIVATE ALLEY 0.36 AC
TRACT 'TU' PRIVATE ALLEY 0.36 AC
TRACT 'TV' PRIVATE ALLEY 0.36 AC
TRACT 'TW' PRIVATE ALLEY 0.36 AC
TRACT 'TX' PRIVATE ALLEY 0.36 AC
TRACT 'TY' PRIVATE ALLEY 0.36 AC
TRACT 'TZ' PRIVATE ALLEY 0.36 AC
TRACT 'UA' PRIVATE ALLEY 0.36 AC
TRACT 'UB' PRIVATE ALLEY 0.36 AC
TRACT 'UC' PRIVATE ALLEY 0.36 AC
TRACT 'UD' PRIVATE ALLEY 0.36 AC
TRACT 'UE' PRIVATE ALLEY 0.36 AC
TRACT 'UF' PRIVATE ALLEY 0.36 AC
TRACT 'UG' PRIVATE ALLEY 0.36 AC
TRACT 'UH' PRIVATE ALLEY 0.36 AC
TRACT 'UI' PRIVATE ALLEY 0







KEY MAP



ROUNDABOUT DETAIL

REV.	DATE	DESCRIPTION	BY
3	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
1	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

GEOMETRY PLAN – NORTH
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025

SCALE 1" = 50'
PROJECT PUL-048
SHEET C4.3

SOTA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\GEOMETRY PLAN.dwg Modified:8/14/2025 By:ssanchez Plotted By:andrew francis

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C1	11.98'	S44°28'42"W	10.00'
C2	77.78'	S44°19'40"W	55.00'
C3	13.93'	S43°27'43"W	10.00'
C4	16.61'	S88°36'39"W	469.00'
C5	14.14'	S45°18'38"E	10.00'
C6	49.50'	N44°19'40"E	35.00'
C7	14.95'	N49°02'32"W	10.00'
C8	8.15'	S82°05'25"W	469.00'
C9	2.82'	S81°44'43"W	530.00'
C10	40.17'	S84°04'10"W	530.00'
C11	28.55'	S87°47'04"W	530.00'
C12	14.14'	S44°19'40"W	10.00'
C13	28.28'	S45°40'20"E	20.00'
C14	28.28'	N44°19'40"E	20.00'
C15	14.14'	N45°40'20"W	10.00'
C16	14.14'	S44°19'40"W	10.00'
C17	28.28'	S45°40'20"E	20.00'
C18	28.28'	N44°19'40"E	20.00'
C19	14.14'	N45°40'20"W	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C58	14.19'	S45°29'37"E	10.00'
C59	14.14'	S44°41'22"W	10.00'
C60	14.14'	N45°18'38"W	10.00'
C61	14.14'	N44°41'22"E	10.00'
C62	14.14'	S45°18'38"E	10.00'
C63	14.14'	S44°41'22"W	10.00'
C64	14.14'	N45°18'38"W	10.00'
C65	14.14'	N44°41'22"E	10.00'
C66	14.14'	S45°18'38"E	10.00'
C67	14.14'	S44°41'22"W	10.00'
C68	28.28'	N45°18'38"W	20.00'
C69	78.14'	N45°24'53"W	55.00'
C70	14.10'	N44°30'23"E	10.00'
C71	14.21'	S45°24'53"E	10.00'
C72	14.12'	N45°13'54"W	10.00'
C73	28.23'	S44°57'03"W	20.00'
C74	14.16'	N44°46'06"E	10.00'
C75	28.34'	S45°02'59"E	20.00'
C76	11.99'	N45°18'38"W	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C128	28.28'	S44°19'40"W	20.00'
C129	14.14'	N44°19'40"E	10.00'
C130	14.14'	S45°40'20"E	10.00'
C131	14.14'	N44°19'40"E	10.00'
C132	14.14'	S45°40'20"E	10.00'
C133	28.28'	N45°40'20"W	20.00'
C134	14.14'	S44°19'40"W	10.00'
C135	14.14'	N45°40'20"W	10.00'
C136	28.28'	S44°19'40"W	20.00'
C137	14.14'	N44°19'40"E	10.00'
C138	14.14'	S45°40'20"E	10.00'
C139	14.14'	N44°19'40"E	10.00'
C140	14.13'	S45°42'09"E	10.00'
C141	14.15'	N45°45'23"W	10.00'
C142	28.27'	S44°14'37"W	20.00'
C143	12.01'	N44°14'14"E	10.00'
C144	14.14'	S45°43'58"E	10.00'
C145	14.14'	N44°16'02"E	10.00'
C146	14.14'	S45°43'58"E	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C20	14.14'	S44°16'02"W	10.00'
C21	28.28'	S45°43'58"E	20.00'
C22	28.28'	N44°16'02"E	20.00'
C23	14.14'	N45°43'58"W	10.00'
C24	14.09'	S44°28'42"W	10.00'
C25	14.19'	S45°31'18"E	10.00'
C26	37.33'	N90°00'00"E	18.67'
C27	37.33'	N90°00'00"W	18.67'
C28	14.19'	N45°31'18"W	10.00'
C29	104.02'	N78°43'30"W	250.00'
C30	14.14'	S68°16'58"W	10.00'
C31	38.84'	S11°29'10"W	95.00'
C32	14.14'	S45°18'38"E	10.00'
C33	14.14'	N44°41'22"E	10.00'
C34	14.14'	N45°18'38"W	10.00'
C35	28.28'	S44°41'22"W	20.00'
C36	14.14'	S45°18'38"E	10.00'
C37	14.14'	N44°41'22"E	10.00'
C38	14.14'	N45°18'38"W	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C77	28.28'	S44°50'50"W	20.00'
C78	14.16'	N44°46'06"E	10.00'
C79	28.28'	S45°09'10"E	20.00'
C80	14.12'	N45°13'54"W	10.00'
C81	28.28'	S44°50'50"W	20.00'
C82	14.16'	N44°46'06"E	10.00'
C83	28.25'	S45°13'54"E	20.00'
C84	46.67'	S10°01'46"W	130.00'
C85	13.49'	S65°42'41"W	10.00'
C88	44.86'	N69°17'19"W	500.00'
C89	14.14'	N21°43'02"W	10.00'
C90	29.50'	N17°38'22"E	150.00'
C91	32.16'	N5°50'34"E	150.00'
C92	8.26'	N1°05'58"W	250.00'
C93	15.15'	N1°10'42"W	500.00'
C94	61.33'	N11°29'10"E	150.00'
C103	102.72'	S78°22'59"E	254.00'
C104	19.99'	S65°34'19"E	500.00'
C105	19.99'	S65°34'19"E	500.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C147	28.30'	N45°45'23"W	20.00'
C148	14.14'	S44°14'37"W	10.00'
C149	14.15'	N45°45'23"W	10.00'
C150	28.27'	S44°14'37"W	20.00'
C151	14.14'	N44°16'02"E	10.00'
C152	14.14'	S45°43'58"E	10.00'
C153	14.14'	N44°16'02"E	10.00'
C154	14.14'	S45°45'23"E	10.00'
C155	20.29'	N27°15'57"W	20.00'
C156	101.43'	S5°15'24"W	57.00'
C158	23.02'	S70°32'27"E	500.00'
C159	14.45'	S22°58'10"E	10.00'
C160	7.56'	N0°39'03"W	10027.50'
C162	73.20'	S78°22'59"E	181.00'
C163	21.86'	S67°58'10"E	500.00'
C164	25.00'	N0°33'28"W	10027.50'
C167	8.57'	S25°37'42"E	6.17'
C168	8.87'	S64°22'18"W	6.17'
C169	11.58'	N68°11'03"W	226.17'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C39	14.14'	S44°41'22"W	10.00'
C40	14.14'	S45°18'38"E	10.00'
C41	14.14'	N44°41'22"E	10.00'
C42	14.14'	N45°18'38"W	10.00'
C43	14.14'	S44°41'22"W	10.00'
C44	14.19'	S45°29'37"E	10.00'
C45	14.10'	N44°30'23"E	10.00'
C46	14.19'	N45°29'37"W	10.00'
C47	14.10'	S44°30'23"W	10.00'
C48	14.10'	S44°30'23"W	10.00'
C49	14.14'	S45°18'38"E	10.00'
C50	14.14'	S44°41'22"W	10.00'
C51	14.14'	S45°18'38"E	10.00'
C52	14.14'	S44°41'22"W	10.00'
C53	49.34'	N44°30'23"E	35.00'
C54	49.72'	S45°24'53"E	35.00'
C55	14.08'	S44°35'07"W	10.00'
C56	14.19'	N45°29'37"W	10.00'
C57	14.10'	N44°30'23"E	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C106	30.34'	S71°17'48"E	190.00'
C107	49.13'	S83°18'16"E	190.00'
C111	14.15'	N44°14'37"E	10.00'
C112	73.40'	N85°36'33"E	524.00'
C113	63.40'	N85°27'37"E	470.00'
C114	14.14'	S45°40'20"E	10.00'
C115	35.75'	S0°34'11"E	9972.50'
C116	8.79'	S4°59'33"W	48.71'
C117	28.74'	S4°51'05"W	155.07'
C118	9.58'	N2°16'40"E	100.06'
C119	8.99'	N7°35'41"E	100.06'
C120	18.87'	N4°56'53"E	100.00'
C121	14.14'	N44°19'40"E	10.00'
C122	14.14'	S45°40'20"E	10.00'
C123	14.14'	N44°19'40"E	10.00'
C124	14.14'	S45°40'20"E	10.00'
C125	14.14'	S44°19'40"W	10.00'
C126	28.28'	N45°40'20"W	20.00'
C127	14.14'	N45°40'20"W	10.00'

Curve Table			
Curve #	Chord Length	Chord Direction	Radius
C170	3.39'	N0°28'36"W	10027.50'
C171	27.06'	N65°06'39"W	482.67'
C172	10.82'	N23°16'58"E	5.42'
C173	27.06'	S68°19'24"E	482.67'
C175	10.95'	S68°11'03"E	213.83'
C176	8.87'	N35°40'20"W	6.17'
C177	8.57'	N54°19'40"E	6.17'
C178	31.32'	S85°50'57"E	213.83'
C180	8.72'	S45°02'57"E	6.17'
C181	8.72'	S44°57'03"W	6.17'
C183	33.13'	N85°50'57"W	226.17'
C184	9.33'	N90°00'00"E	4.67'
C303	40.98'	N85°05'32"E	469.00'
C306	6.61'	N21°49'35"E	130.00'
C307	42.71'	S69°17'19"E	476.00'

Line Table		
Line #	Length	Direction
L1	15.000	N89° 19' 40"E
L2	40.000	N89° 19' 40"E
L3	40.000	N89° 19' 40"E
L4	40.000	N89° 19' 40"E
L5	40.000	N89° 19' 40"E
L6	40.000	N89° 19' 40"E
L7	30.000	N89° 19' 40"E
L8	11.464	S89° 19' 40"W
L9	85.000	N0° 40' 20"W
L10	24.000	N89° 19' 40"E
L11	34.000	N89° 19' 40"E
L12	34.000	N89° 19' 40"E
L13	34.000	N89° 19' 40"E
L14	40.000	N89° 19' 40"E
L15	40.000	N89° 19' 40"E
L16	40.000	N89° 19' 40"E
L17	40.000	N89° 19' 40"E
L18	40.000	N89° 19' 40"E
L19	40.000	N89° 19' 40"E
L20	34.000	N89° 19' 40"E

Line Table		
Line #	Length	Direction
L21	34.000	N89° 19' 40"E
L22	34.000	N89° 19' 40"E
L23	24.000	N89° 19' 40"E
L24	85.000	S0° 40' 20"E
L25	85.000	N0° 40' 20"W
L26	24.513	N89° 19' 40"E
L27	34.000	N89° 19' 40"E
L28	34.000	N89° 19' 40"E
L29	34.000	N89° 19' 40"E
L30	34.000	N89° 19' 40"E
L31	34.000	N89° 19' 40"E
L32	34.000	N89° 19' 40"E
L33	34.000	N89° 19' 40"E
L34	34.000	N89° 19' 40"E
L35	34.000	N89° 19' 40"E
L37	28.943	N89° 16' 02"E
L38	34.000	N89° 16' 02"E
L39	34.000	N89° 16' 02"E
L40	25.302	N89° 16' 02"E
L41	85.000	S0° 43' 58"E

Line Table		
Line #	Length	Direction
L42	36.722	N89° 16' 02"E
L43	40.000	N89° 16' 02"E
L44	40.000	N89° 16' 02"E
L45	40.000	N89° 16' 02"E
L46	40.000	N89° 16' 02"E
L47	40.000	N89° 16' 02"E
L48	40.000	N89° 16' 02"E
L49	48.285	N89° 16' 02"E
L50	24.000	S0° 18' 38"E
L51	34.000	S0° 18' 38"E
L52	34.000	S0° 18' 38"E
L53	34.000	S0° 18' 38"E
L54	34.000	S0° 18' 38"E
L55	34.000	S0° 18' 38"E
L56	34.000	S0° 18' 38"E
L57	34.000	S0° 18' 38"E
L58	34.000	S0° 18' 38"E
L59	34.000	S0° 18' 38"E
L60	34.000	S0° 18' 38"E
L61	34.000	S0° 18' 38"E

Line Table		
Line #	Length	Direction
L62	34.000	S0° 18' 38"E
L63	34.000	S0° 18' 38"E
L64	34.000	S0° 18' 38"E
L65	34.000	S0° 18' 38"E
L66	34.000	S0° 18' 38"E
L67	34.000	S0° 18' 38"E
L68	34.000	S0° 18' 38"E
L69	34.000	S0° 18' 38"E
L70	34.000	S0° 18' 38"E
L71	34.000	S0° 18' 38"E
L72	34.000	S0° 18' 38"E
L73	34.000	S0° 18' 38"E
L74	34.000	S0° 18' 38"E
L75	34.568	S0° 18' 38"E
L76	22.434	S0° 18' 38"E
L77	34.000	S0° 18' 38"E
L78	34.000	S0° 18' 38"E
L79	34.633	S0° 18' 38"E
L80	5.000	N0° 18' 38"W
L81	15.569	N89° 19' 24"E

Line Table		
Line #	Length	Direction
L82	34.000	N89° 19' 24"E
L83	34.000	N89° 19' 24"E
L84	34.000	N89° 19' 24"E
L85	34.000	N89° 19' 24"E
L86	34.000	N89° 19' 24"E
L87	16.076	N89° 19' 24"E
L88	34.824	N0° 18' 38"W
L89	34.000	N0° 18' 38"W
L90	34.000	N0° 18' 38"W
L91	34.000	N0° 18' 38"W
L92	34.000	N0° 18' 38"W
L93	34.000	N0° 18' 38"W
L94	34.000	N0° 18' 38"W
L95	34.000	N0° 18' 38"W
L96	34.000	N0° 18' 38"W
L97	34.000	N0° 18' 38"W
L98	34.000	N0° 18' 38"W
L99	34.000	N0° 18' 38"W
L100	34.000	N0° 18' 38"W
L101	34.000	N0° 18' 38"W

Line Table		
Line #	Length	Direction
L102	34.000	N0° 18' 38"W
L103	34.000	N0° 18' 38"W
L104	34.000	N0° 18' 38"W
L105	34.000	N0° 18' 38"W
L106	34.000	N0° 18' 38"W
L107	34.000	N0° 18' 38"W
L108	34.000	N0° 18' 38"W
L109	34.000	N0° 18' 38"W
L110	34.000	N0° 18' 38"W
L111	34.000	N0° 18' 38"W
L112	34.000	N0° 18' 38"W
L113	24.000	N0° 18' 38"W
L114	43.666	S0° 09' 10"E
L115	40.000	S0° 09' 10"E
L116	40.000	S0° 09' 10"E
L117	40.000	S0° 09' 10"E
L118	40.000	S0° 09' 10"E
L119	40.000	S0° 09' 10"E
L120	40.000	S0° 09' 10"E
L121	32.706	S0° 09' 10"E

Line Table		
Line #	Length	Direction
L122	86.344	S89° 50' 50"W
L123	41.501	S0° 09' 10"E
L124	34.000	S0° 09' 10"E
L125	34.000	S0° 09' 10"E
L126	34.000	S0° 09' 10"E
L127	34.000	S0° 09' 10"E
L128	34.000	S0° 09' 10"E
L129	34.000	S0° 09' 10"E
L130	41.426	S0° 09' 10"E
L131	31.825	S0° 09' 10"E
L132	40.000	S0° 09' 10"E
L133	40.000	S0° 09' 10"E
L134	40.000	S0° 09' 10"E
L135	40.000	S0° 09' 10"E
L136	40.000	S0° 09' 10"E
L137	40.000	S0° 09' 10"E
L138	31.751	S0° 09' 10"E
L139	24.133	S0° 18' 38"E
L140	34.000	S0° 18' 38"E
L141	34.000	S0° 18' 38"E

Line Table		
Line #	Length	Direction
L142	57.569	S0° 18' 38"E
L143	6.841	S0° 18' 38"E
L144	8.335	S23° 16' 58"W
L145	10.000	S89° 50' 50"W
L146	2.603	N0° 09' 10"W
L147	8.507	N2° 02' 46"W
L148	10.001	N89° 15' 11"E
L149	5.277	N23° 16' 58"E
L154	2.119	N0° 18' 38"W
L155	20.000	N0° 40' 20"W
L156	92.000	S89° 19' 40"W
L157	20.000	S0° 40' 20"E
L158	20.000	N0° 40' 20"W
L159	92.000	S89° 19' 40"W
L160	20.000	S0° 40' 20"E
L161	20.000	N0° 40' 20"W
L162	92.000	S89° 19' 40"W
L163	20.000	S0° 40' 20"E
L164	20.000	N0° 40' 20"W
L165	92.000	S89° 19' 40"W

Line Table		
Line #	Length	Direction
L166	20.000	S0° 40' 20"E
L167	20.000	N0° 40' 20"W
L168	92.000	S89° 19' 40"W
L169	20.000	S0° 40' 20"E
L170	25.000	N0° 40' 20"W
L171	92.000	S89° 19' 40"W
L172	25.000	S0° 40' 20"E
L173	25.000	N0° 40' 20"W
L174	92.000	S89° 19' 40"W
L175	25.000	S0° 40' 20"E
L176	20.000	N0° 40' 20"W
L177	92.000	S89° 19' 40"W
L178	20.000	S0° 40' 20"E
L179	20.000	N0° 40' 20"W
L180	92.000	S89° 19' 40"W
L181	20.000	S0° 40' 20"E
L182	25.000	N0° 40' 20"W
L183	92.000	S89° 19' 40"W
L184	25.000	S0° 40' 20"E
L185	25.000	N0° 40' 20"W

Line Table		
Line #	Length	Direction
L186	92.000	S89° 19' 40"W
L187	25.000	S0° 40' 20"E
L188	20.000	N0° 40' 20"W
L189	92.000	S89° 19' 40"W
L190	20.000	S0° 40' 20"E
L191	20.000	N0° 40' 20"W
L192	92.000	S89° 19' 40"W
L193	20.000	S0° 40' 20"E
L194	20.000	N0° 40' 20"W
L195	92.000	S89° 19' 40"W
L196	20.000	S0° 40' 20"E
L197	17.440	N0° 40' 20"W
L198	92.003	S89° 19' 40"W
L199	25.000	S0° 40' 20"E
L200	92.053	S89° 19' 40"W
L201	25.000	S0° 40' 20"E
L202	16.613	N0° 28' 01"W
L203	92.124	S89° 19' 40"W
L204	20.000	S0° 40' 20"E
L206	20.000	S0° 40' 20"E

Line Table		
Line #	Length	Direction
L207	20.000	N0° 40' 20"W
L208	92.000	S89° 19' 40"W
L209	20.000	S0° 40' 20"E
L210	20.000	N0° 40' 20"W
L211	92.000	S89° 19' 40"W
L212	20.000	S0° 40' 20"E
L213	20.000	N0° 40' 20"W
L214	92.000	S89° 19' 40"W
L215	20.000	S0° 40' 20"E
L216	20.000	N0° 40' 20"W
L217	92.000	S89° 19' 40"W
L218	20.000	S0° 40' 20"E
L219	20.000	N0° 40' 20"W
L220	92.000	S89° 19' 40"W
L221	20.000	S0° 40' 20"E
L222	25.000	N0° 40' 20"W
L223	92.000	S89° 19' 40"W
L224	25.000	S0° 40' 20"E
L225	25.000	N0° 40' 20"W
L226	92.000	S89° 19' 40"W

Line Table		
Line #	Length	Direction
L227	25.000	S0° 40' 20"E
L228	20.000	N0° 40' 20"W
L229	92.000	S89° 19' 40"W
L230	20.000	S0° 40' 20"E
L231	20.000	N0° 40' 20"W
L232	92.000	S89° 19' 40"W
L233	20.000	S0° 40' 20"E
L234	20.000	N0° 40' 20"W
L235	92.000	S89° 19' 40"W
L236	20.000	S0° 40' 20"E
L237	20.000	N0° 40' 20"W
L238	92.000	S89° 19' 40"W
L239	20.000	S0° 40' 20"E
L240	25.000	N0° 40' 20"W
L241	92.000	S89° 19' 40"W
L242	25.000	S0° 40' 20"E
L243	25.000	N0° 40' 20"W
L244	92.000	S89° 19' 40"W
L245	25.000	S0° 40' 20"E
L246	20.000	N0° 40' 20"W

Line Table		
Line #	Length	Direction
L247	92.000	S89° 19' 40"W
L248	20.000	S0° 40' 20"E
L249	20.000	N0° 40' 20"W
L250	92.000	S89° 19' 40"W
L251	20.000	S0° 40' 20"E
L252	20.000	N0° 40' 20"W
L253	92.000	N89° 19' 40"E
L254	20.000	S0° 40' 20"E
L255	20.000	N0° 40' 20"W
L256	92.000	S89° 19' 40"W
L257	20.000	S0° 40' 20"E
L258	20.000	N0° 40' 20"W
L259	62.000	S89° 19' 40"W
L260	30.000	S0° 40' 20"E
L261	30.000	N0° 40' 20"W
L262	62.000	S89° 19' 40"W
L263	20.000	S0° 40' 20"E
L264	20.000	N0° 40' 20"W
L265	92.000	N89° 19' 40"E
L266	20.000	S0° 40' 20"E

Line Table		
Line #	Length	Direction
L267	20.000	N0° 40' 20"W
L268	92.000	N89° 19' 40"E
L269	20.000	S0° 40' 20"E
L270	20.000	N0° 40' 20"W
L271	92.000	N89° 19' 40"E
L272	20.000	S0° 40' 20"E
L273	20.000	N0° 40' 20"W
L274	92.000	N89° 19' 40"E
L275	20.000	S0° 40' 20"E
L276	25.000	N0° 40' 20"W
L277	92.000	N89° 19' 40"E
L278	25.000	S0° 40' 20"E
L279	25.000	N0° 40' 20"W
L280	92.000	N89° 19' 40"E
L281	25.000	S0° 40' 20"E
L282	20.000	N0° 40' 20"W
L283	92.000	N89° 19' 40"E
L284	20.000	S0° 40' 20"E
L285	20.000	N0° 40' 20"W
L286	92.000	N89° 19' 40"E

Line Table		
Line #	Length	Direction
L287	20.000	S0° 40' 20"E
L288	20.000	N0° 40' 20"W
L289	92.000	N89° 19' 40"E
L290	20.000	S0° 40' 20"E
L291	20.000	N0° 40' 20"W
L292	92.000	N89° 19' 40"E
L293	20.000	S0° 40' 20"E
L294	25.000	N0° 40' 20"W
L295	92.000	N89° 19' 40"E
L296	25.000	S0° 40' 20"E
L297	25.000	N0° 40' 20"W
L298	92.000	N89° 19' 40"E
L299	25.000	S0° 40' 20"E
L300	20.000	N0° 40' 20"W
L301	92.000	N89° 19' 40"E
L302	20.000	S0° 40' 20"E
L303	20.000	N0° 40' 20"W
L304	92.000	N89° 19' 40"E
L305	20.000	S0° 40' 20"E
L306	20.000	N0° 40' 20"W

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

CURVE AND LINE TABLES
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C4.4

NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 22 OF 158

P:_PROJECTS\DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\CURVE & LOT DATA TABLE.dwg Modified:8/14/2025 By:asanchez Plotted By:andrew francis

Line Table		
Line #	Length	Direction
L307	92.000	N89° 19' 40"E
L308	20.000	S0° 40' 20"E
L309	20.000	N0° 40' 20"W
L310	92.000	N89° 19' 40"E
L311	20.000	S0° 40' 20"E
L312	20.000	N0° 40' 20"W
L313	92.000	N89° 19' 40"E
L314	20.000	S0° 40' 20"E
L315	20.000	N0° 40' 20"W
L316	92.000	S89° 19' 40"W
L317	20.000	S0° 40' 20"E
L318	20.000	N0° 40' 20"W
L319	92.000	S89° 19' 40"W
L320	20.000	S0° 40' 20"E
L321	20.000	N0° 40' 20"W
L322	92.000	S89° 19' 40"W
L323	20.000	S0° 40' 20"E
L324	20.000	N0° 40' 20"W
L325	92.000	S89° 19' 40"W
L326	20.000	S0° 40' 20"E

Line Table		
Line #	Length	Direction
L327	20.000	N0° 40' 20"W
L328	92.000	S89° 19' 40"W
L329	20.000	S0° 40' 20"E
L330	25.000	N0° 40' 20"W
L331	92.000	S89° 19' 40"W
L332	25.000	S0° 40' 20"E
L333	25.000	N0° 40' 20"W
L334	92.000	S89° 19' 40"W
L335	25.000	S0° 40' 20"E
L336	20.000	N0° 40' 20"W
L337	92.000	S89° 19' 40"W
L338	20.000	S0° 40' 20"E
L339	20.000	N0° 40' 20"W
L340	92.000	S89° 19' 40"W
L341	20.000	S0° 40' 20"E
L342	20.000	N0° 40' 20"W
L343	92.000	S89° 19' 40"W
L344	20.000	S0° 40' 20"E
L345	20.000	N0° 40' 20"W
L346	92.000	S89° 19' 40"W

Line Table		
Line #	Length	Direction
L347	20.000	S0° 40' 20"E
L348	25.000	N0° 40' 20"W
L349	92.000	S89° 19' 40"W
L350	25.000	S0° 40' 20"E
L351	25.000	N0° 40' 20"W
L352	92.000	S89° 19' 40"W
L353	25.000	S0° 40' 20"E
L354	20.000	N0° 40' 20"W
L355	92.000	S89° 19' 40"W
L356	20.000	S0° 40' 20"E
L357	20.000	N0° 40' 20"W
L358	92.000	S89° 19' 40"W
L359	20.000	S0° 40' 20"E
L360	20.000	N0° 40' 20"W
L361	92.000	S89° 19' 40"W
L362	20.000	S0° 40' 20"E
L363	20.000	N0° 40' 20"W
L364	92.000	S89° 19' 40"W
L365	20.000	S0° 40' 20"E
L366	20.000	N0° 40' 20"W

Line Table		
Line #	Length	Direction
L367	62.000	S89° 19' 40"W
L368	30.000	S0° 40' 20"E
L369	30.000	N0° 40' 20"W
L370	62.000	S89° 19' 40"W
L371	20.000	S0° 40' 20"E
L372	20.000	N0° 40' 20"W
L373	92.000	N89° 19' 40"E
L374	20.000	S0° 40' 20"E
L375	20.000	N0° 40' 20"W
L376	92.000	N89° 19' 40"E
L377	20.000	S0° 40' 20"E
L378	20.000	N0° 40' 20"W
L379	92.000	N89° 19' 40"E
L380	20.000	S0° 40' 20"E
L381	20.000	N0° 40' 20"W
L382	92.000	N89° 19' 40"E
L383	20.000	S0° 40' 20"E
L384	25.000	N0° 40' 20"W
L385	92.000	N89° 19' 40"E
L386	25.000	S0° 40' 20"E

Line Table		
Line #	Length	Direction
L387	25.000	N0° 40' 20"W
L388	92.000	N89° 19' 40"E
L389	25.000	S0° 40' 20"E
L390	20.000	N0° 40' 20"W
L391	92.000	N89° 19' 40"E
L392	20.000	S0° 40' 20"E
L393	20.000	N0° 40' 20"W
L394	92.000	N89° 19' 40"E
L395	20.000	S0° 40' 20"E
L396	20.000	N0° 40' 20"W
L397	92.000	N89° 19' 40"E
L398	20.000	S0° 40' 20"E
L399	20.000	N0° 40' 20"W
L400	92.000	N89° 19' 40"E
L401	20.000	S0° 40' 20"E
L402	25.000	N0° 40' 20"W
L403	92.000	N89° 19' 40"E
L404	25.000	S0° 40' 20"E
L405	25.000	N0° 40' 20"W
L406	92.000	N89° 19' 40"E

Line Table		
Line #	Length	Direction
L407	25.000	S0° 40' 20"E
L408	20.000	N0° 40' 20"W
L409	92.000	N89° 19' 40"E
L410	20.000	S0° 40' 20"E
L411	20.000	N0° 40' 20"W
L412	92.000	N89° 19' 40"E
L413	20.000	S0° 40' 20"E
L414	20.000	N0° 40' 20"W
L415	92.000	N89° 19' 40"E
L416	20.000	S0° 40' 20"E
L417	20.000	N0° 40' 20"W
L418	92.000	N89° 19' 40"E
L419	20.000	S0° 40' 20"E
L420	20.000	N0° 40' 20"W
L421	92.000	N89° 19' 40"E
L422	20.000	S0° 40' 20"E
L423	25.000	N0° 40' 20"W
L424	92.037	N89° 19' 40"E
L425	25.011	S0° 43' 58"E
L426	20.000	N0° 40' 20"W

Line Table		
Line #	Length	Direction
L427	92.058	N89° 19' 40"E
L428	20.000	S0° 43' 58"E
L429	20.000	N0° 40' 20"W
L430	92.079	N89° 19' 40"E
L431	20.000	S0° 43' 58"E
L432	20.000	N0° 40' 20"W
L433	92.100	N89° 19' 40"E
L434	20.000	S0° 43' 58"E
L435	20.000	N0° 40' 20"W
L436	92.121	N89° 19' 40"E
L437	20.000	S0° 43' 58"E
L438	25.000	N0° 40' 20"W
L439	92.148	N89° 19' 40"E
L440	25.000	S0° 43' 58"E
L441	25.000	N0° 40' 20"W
L442	92.174	N89° 19' 40"E
L443	25.000	S0° 43' 58"E
L444	20.000	N0° 40' 20"W
L445	92.195	N89° 19' 40"E
L446	20.000	S0° 43' 58"E

Line Table		
Line #	Length	Direction
L447	20.000	N0° 40' 20"W
L448	92.216	N89° 19' 40"E
L449	20.000	S0° 43' 58"E
L450	25.000	N0° 40' 20"W
L451	92.243	N89° 19' 40"E
L452	25.000	S0° 43' 58"E
L453	25.000	N0° 40' 20"W
L454	92.269	N89° 19' 40"E
L455	25.000	S0° 43' 58"E
L456	20.000	N0° 40' 20"W
L457	92.290	N89° 19' 40"E
L458	20.000	S0° 43' 58"E
L459	20.000	N0° 40' 20"W
L460	92.311	N89° 19' 40"E
L461	20.000	S0° 43' 58"E
L462	20.000	N0° 40' 20"W
L463	92.332	N89° 19' 40"E
L464	20.000	S0° 43' 58"E
L465	20.000	N0° 40' 20"W
L466	92.353	N89° 19' 40"E

Line Table		
Line #	Length	Direction
L467	20.000	S0° 43' 58"E
L468	25.000	N0° 40' 20"W
L469	92.380	N89° 19' 40"E
L470	25.000	S0° 43' 58"E
L471	25.000	N0° 40' 20"W
L472	92.406	N89° 19' 40"E
L473	25.000	S0° 43' 58"E
L474	20.000	N0° 40' 20"W
L475	92.427	N89° 19' 40"E
L476	20.000	S0° 43' 58"E
L477	20.000	N0° 40' 20"W
L478	92.448	N89° 19' 40"E
L479	20.000	S0° 43' 58"E
L480	25.418	N0° 40' 20"W
L481	13.504	N89° 25' 05"E
L482	33.160	N89° 27' 17"E
L483	53.516	N89° 13' 12"E
L484	204.000	N89° 13' 12"E
L485	55.000	N89° 13' 12"E
L486	112.000	N89° 13' 12"E

Line Table		
Line #	Length	Direction
L487	28.246	N0° 43' 58"W
L488	62.008	S89° 13' 12"W
L489	18.195	S0° 43' 58"E
L490	20.000	N0° 43' 58"W
L491	92.000	S89° 16' 02"W
L492	20.000	S0° 43' 58"E
L493	20.000	N0° 43' 58"W
L494	92.000	S89° 16' 02"W
L495	20.000	S0° 43' 58"E
L496	25.000	N0° 43' 58"W
L497	92.000	S89° 16' 02"W
L498	25.000	S0° 43' 58"E
L499	25.000	N0° 43' 58"W
L500	92.000	S89° 16' 02"W
L501	25.000	S0° 43' 58"E
L502	20.000	N0° 43' 58"W
L503	92.000	S89° 16' 02"W
L504	20.000	S0° 43' 58"E
L505	20.000	N0° 43' 58"W
L506	92.000	S89° 16' 02"W

Line Table		
Line #	Length	Direction
L507	20.000	S0° 43' 58"E
L508	20.000	N0° 43' 58"W
L509	92.000	S89° 16' 02"W
L510	20.000	S0° 43' 58"E
L511	20.000	N0° 43' 58"W
L512	92.000	S89° 16' 02"W
L513	20.000	S0° 43' 58"E
L514	25.000	N0° 43' 58"W
L515	92.000	S89° 16' 02"W
L516	25.000	S0° 43' 58"E
L517	25.000	N0° 43' 58"W
L518	92.000	S89° 16' 02"W
L519	25.000	S0° 43' 58"E
L520	20.000	N0° 43' 58"W
L521	92.000	S89° 16' 02"W
L522	20.000	S0° 43' 58"E
L523	20.000	N0° 43' 58"W
L524	92.000	S89° 16' 02"W
L525	20.000	S0° 43' 58"E
L526	25.000	N0° 43' 58"W

Line Table		
Line #	Length	Direction
L527	92.000	S89° 16' 02"W
L528	25.000	S0° 43' 58"E
L529	25.000	N0° 43' 58"W
L530	92.000	S89° 16' 02"W
L531	25.000	S0° 43' 58"E
L532	20.000	N0° 43' 58"W
L533	92.000	S89° 16' 02"W
L534	20.000	S0° 43' 58"E
L535	20.000	N0° 43' 58"W
L536	92.000	S89° 16' 02"W
L537	20.000	S0° 43' 58"E
L538	20.000	N0° 43' 58"W
L539	92.000	S89° 16' 02"W
L540	20.000	S0° 43' 58"E
L541	20.000	N0° 43' 58"W
L542	92.000	S89° 16' 02"W
L543	20.000	S0° 43' 58"E
L544	29.577	N0° 43' 58"W
L545	92.000	S89° 16' 02"W
L546	28.077	S0° 43' 58"E

Line Table		
Line #	Length	Direction
L547	28.037	N0° 43' 58"W
L548	92.000	N89° 16' 02"E
L549	28.037	S0° 43' 58"E
L550	20.000	N0° 43' 58"W
L551	92.000	N89° 16' 02"E
L552	20.000	S0° 43' 58"E
L553	20.000	N0° 43' 58"W
L554	92.000	N89° 16' 02"E
L555	20.000	S0° 43' 58"E
L556	20.000	N0° 43' 58"W
L557	92.000	N89° 16' 02"E
L558	20.000	S0° 43' 58"E
L559	20.000	N0° 43' 58"W
L560	92.000	N89° 16' 02"E
L561	20.000	S0° 43' 58"E
L562	25.000	N0° 43' 58"W
L563	92.000	N89° 16' 02"E
L564	25.000	S0° 43' 58"E
L565	25.000	N0° 43' 58"W
L566	92.000	N89° 16' 02"E

Line Table		
Line #	Length	Direction
L567	25.000	S0° 43' 58"E
L568	20.000	N0° 43' 58"W
L569	92.000	N89° 16' 02"E
L570	20.000	S0° 43' 58"E
L571	20.000	N0° 43' 58"W
L572	92.000	N89° 16' 02"E
L573	20.000	S0° 43' 58"E
L574	25.000	N0° 43' 58"W
L575	92.000	N89° 16' 02"E
L576	25.000	S0° 43' 58"E
L577	25.000	N0° 43' 58"W
L578	92.000	N89° 16' 02"E
L579	25.000	S0° 43' 58"E
L580	20.000	N0° 43' 58"W
L581	92.000	N89° 16' 02"E
L582	20.000	S0° 43' 58"E
L583	20.000	N0° 43' 58"W
L584	92.000	N89° 16' 02"E
L585	20.000	S0° 43' 58"E
L586	20.000	N0° 43' 58"W

Line Table		
Line #	Length	Direction
L587	92.000	N89° 16' 02"E
L588	20.000	S0° 43' 58"E
L589	20.000	N0° 43' 58"W
L590	92.000	N89° 16' 02"E
L591	20.000	S0° 43' 58"E
L592	25.000	N0° 43' 58"W
L593	92.000	N89° 16' 02"E
L594	25.000	S0° 43' 58"E
L595	25.000	N0° 43' 58"W
L596	92.000	N89° 16' 02"E
L597	25.000	S0° 43' 58"E
L598	20.000	N0° 43' 58"W
L599	92.000	N89° 16' 02"E
L600	20.000	S0° 43' 58"E
L601	20.000	N0° 43' 58"W
L602	92.000	N89° 16' 02"E
L603	20.000	S0° 43' 58"E
L604	18.186	N0° 43' 58"W
L605	61.992	S89° 13' 12"W
L606	28.135	S0° 43' 58"E

Line Table		
Line #	Length	Direction
L607	28.033	N0° 43' 58"W
L608	62.008	S89° 13' 12"W
L609	17.981	S0° 43' 58"E
L610	20.000	N0° 43' 58"W
L611	92.000	S89° 16' 02"W
L612	17.981	S0° 43' 58"E
L613	20.000	N0° 43' 58"W
L614	92.000	S89° 16' 02"W
L615	20.000	S0° 43' 58"E
L616	25.000	N0° 43' 58"W
L617	92.000	S89° 16' 02"W
L618	20.000	S0° 43' 58"E
L619	25.000	N0° 43' 58"W
L620	92.000	S89° 16' 02"W
L621	25.000	S0° 43' 58"E
L622	20.000	N0° 43' 58"W
L623	92.000	S89° 16' 02"W
L624	25.000	S0° 43' 58"E
L625	20.000	N0° 43' 58"W
L626	92.000	S89° 16' 02"W

Line Table		
Line #	Length	Direction
L627	20.000	S0° 43' 58"E
L628	20.000	N0° 43' 58"W
L629	92.000	S89° 16' 02"W
L630	20.000	S0° 43' 58"E
L631	20.000	N0° 43' 58"W
L632	92.000	S89° 16' 02"W
L633	20.000	S0° 43' 58"E
L634	25.000	N0° 43' 58"W
L635	92.000	S89° 16' 02"W
L636	25.000	S0° 43' 58"E
L637	25.000	N0° 43' 58"W
L638	92.000	S89° 16' 02"W
L639	25.000	S0° 43' 58"E
L640	20.000	N0° 43' 58"W
L641	92.000	S89° 16' 02"W
L642	20.000	S0° 43' 58"E
L643	20.000	N0° 43' 58"W
L644	92.000	S89° 16' 02"W
L645	20.000	S0° 43' 58"E
L646	25.000	N0° 43' 58"W

Line Table		
Line #	Length	Direction
L647	92.000	S89° 16' 02"W
L648	25.000	S0° 43' 58"E
L649	25.000	N0° 43' 58"W
L650	92.000	S89° 16' 02"W
L651	25.000	S0° 43' 58"E
L652	20.000	N0° 43' 58"W
L653	92.000	S89° 16' 02"W
L654	20.000	S0° 43' 58"E
L655	20.000	N0° 43' 58"W
L656	92.000	S89° 16' 02"W
L657	20.000	S0° 43' 58"E
L658	20.000	N0° 43' 58"W
L659	92.000	S89° 16' 02"W
L660	20.000	S0° 43' 58"E
L661	20.000	N0° 43' 58"W
L662	92.000	S89° 16' 02"W
L663	20.000	S0° 43' 58"E
L664	28.077	N0° 43' 58"W
L665	92.000	S89° 16' 02"W
L666	28.077	S0° 43' 58"E

Line Table		
Line #	Length	Direction
L667	25.000	N0° 43' 58"W
L668	95.067	N89° 16' 02"E
L669	25.008	S0° 46' 48"E
L670	20.000	N0° 43' 58"W
L671	95.084	N89° 16' 02"E
L672	20.000	S0° 46' 48"E
L673	20.000	N0° 43' 58"W
L674	95.100	N89° 16' 02"E
L675	20.000	S0° 46' 48"E
L676	20.000	N0° 43' 58"W
L677	95.117	N89° 16' 02"E
L678	20.000	S0° 46' 48"E
L679	20.000	N0° 43' 58"W
L680	95.133	N89° 16' 02"E
L681	20.000	S0° 46' 48"E
L682	20.000	N0° 43' 58"W
L683	95.150	N89° 16' 02"E
L684	20.000	S0° 46' 48"E
L685	20.000	N0° 43' 58"W
L686	95.166	N89° 16' 02"E

Line Table		
Line #	Length	Direction
L687	20.000	S0° 46' 48"E
L688	25.000	N0° 43' 58"W
L689	95.187	N89° 16' 02"E
L690	25.000	S0° 46' 48"E
L691	25.000	N0° 43' 58"W
L692	95.208	N89° 16' 02"E
L693	25.000	S0° 46' 48"E
L694	20.000	N0° 43' 58"W
L695	95.224	N89° 16' 02"E
L696	20.000	S0° 46' 48"E
L697	20.000	N0° 43' 58"W
L698	95.241	N89° 16' 02"E
L699	20.000	S0° 46' 48"E
L700	20.000	N0° 43' 58"W
L701	95.257	N89° 16' 02"E
L702	20.000	S0° 46' 48"E
L703	20.000	N0° 43' 58"W
L704	95.274	N89° 16' 02"E
L705	20.000	S0° 46' 48"E
L706	25.000	N0° 43' 58"W

Line Table		
Line #	Length	Direction
L707	95.294	N89° 16' 02"E
L708	25.000	S0° 46' 48"E
L709	25.000	N0° 43' 58"W
L710	95.315	N89° 16' 02"E
L711	25.000	S0° 46' 48"E
L712	20.000	N0° 43' 58"W
L713	95.332	N89° 16' 02"E
L714	20.000	S0° 46' 48"E
L715	20.000	N0° 43' 58"W
L716	95.348	N89° 16' 02"E
L717	20.000	S0° 46' 48"E
L718	20.000	N0° 43' 58"W
L719	95.365	N89° 16' 02"E
L720	20.000	S0° 46' 48"E
L721	20.000	N0° 43' 58"W
L722	95.381	N89° 16' 02"E
L723	20.000	S0° 46' 48"E
L724	20.000	N0° 43' 58"W
L725	95.398	N89° 16' 02"E
L726	20.000	S0° 46' 48"E

Line Table		
Line #	Length	Direction
L727	20.000	N0° 43' 58"W
L728	95.414	N89° 16' 02"E
L729	20.000	S0° 46' 48"E
L730	31.025	N0° 43' 58"W
L731	30.946	S0° 46' 48"E
L732	40.000	N89° 19' 40"E
L733	40.000	N89° 19' 40"E
L734	40.000	N89° 16' 02"E
L735	40.000	N89° 16' 02"E
L736	30.008	N0° 43' 58"W
L737	29.992	N0° 43' 58"W
L738	30.008	N0° 43' 58"W
L739	50.241	N0° 40' 20"W
L740	50.154	N0° 40' 20"W
L741	49.833	N0° 40' 20"W
L742	49.746	N0° 40' 20"W
L744	40.000	N89° 19' 40"E
L745	40.000	N89° 16' 02"E
L746	38.512	S0° 18' 38"E
L747	40.000	S0° 18' 38"E

Line Table		
Line #	Length	Direction
L748	40.000	S0° 18' 38"E
L749	39.923	N0° 18' 38"W
L751	38.481	S0° 18' 38"E
L752	40.000	N89° 41' 22"E
L753	40.000	N89° 41' 22"E
L754	40.000	N89° 41' 22"E
L755	40.000	N0° 18' 38"W
L756	40.000	N89° 41' 22"E
L757	40.001	N89° 19' 24"E
L758	30.093	S89° 19' 24"W
L759	29.910	S89° 19' 24"W
L760	40.001	N89° 19' 24"E
L761	5.057	N89° 19' 40"E
L763	3.131	S23° 16' 58"W
L764	36.152	S66° 43' 02"E
L766	49.987	S71° 51' 36"E
L772	16.640	S71° 51' 36"E

PL_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\CURVE & LOT DATA TABLE.dwg Modified:8/14/2025 By:asanchez Plotted By:andrew francis

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 08/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			

LINE TABLES
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C3.5
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/14/2025

SHEET 23 OF 158

SCOTT CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
1	0.08 AC	3,397 SF	1,924 SF	34.00 LF	PRIVATE
2	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
3	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
4	0.13 AC	5,551 SF	2,868 SF	56.79 LF	PRIVATE
5	0.09 AC	3,910 SF	2,280 SF	34.00 LF	PRIVATE
6	0.09 AC	3,910 SF	2,280 SF	34.00 LF	PRIVATE
7	0.09 AC	3,910 SF	2,280 SF	34.00 LF	PRIVATE
8	0.09 AC	3,910 SF	2,280 SF	34.00 LF	PRIVATE
9	0.09 AC	3,910 SF	2,280 SF	34.00 LF	PRIVATE
10	0.13 AC	5,561 SF	2,887 SF	56.05 LF	PRIVATE
11	0.10 AC	4,344 SF	1,923 SF	49.71 LF	PRIVATE
12	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
13	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
14	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
15	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
16	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
17	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
18	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
19	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
20	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
21	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
22	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
23	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
24	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
25	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
26	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
27	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
28	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
29	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
30	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
31	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
32	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
33	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
34	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
35	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
36	0.10 AC	4,249 SF	1,895 SF	49.71 LF	PRIVATE
37	0.10 AC	4,420 SF	1,979 SF	51.10 LF	PRIVATE
38	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
39	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
40	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
41	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
42	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
43	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
44	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
45	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
46	0.10 AC	4,314 SF	1,896 SF	49.71 LF	PRIVATE
47	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
48	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
49	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
50	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
51	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
52	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
53	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
54	0.10 AC	4,313 SF	1,896 SF	49.71 LF	PRIVATE
55	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
56	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
57	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
58	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
59	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
60	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
61	0.08 AC	3,366 SF	1,896 SF	34.00 LF	PRIVATE
62	0.10 AC	4,249 SF	1,895 SF	49.71 LF	PRIVATE
63	0.14 AC	6,194 SF	3,233 SF	58.39 LF	PRIVATE
64	0.11 AC	4,683 SF	2,912 SF	40.00 LF	PRIVATE
65	0.11 AC	4,678 SF	2,909 SF	40.00 LF	PRIVATE
66	0.11 AC	4,678 SF	2,909 SF	40.00 LF	PRIVATE
67	0.11 AC	4,669 SF	2,902 SF	40.00 LF	PRIVATE
68	0.11 AC	4,665 SF	2,893 SF	40.00 LF	PRIVATE
69	0.11 AC	4,661 SF	2,895 SF	40.00 LF	PRIVATE
70	0.14 AC	6,019 SF	3,144 SF	58.34 LF	PRIVATE
71	0.16 AC	7,046 SF	3,996 SF	67.28 LF	PRIVATE
72	0.09 AC	3,946 SF	2,305 SF	34.00 LF	PRIVATE
73	0.09 AC	3,942 SF	2,303 SF	34.00 LF	PRIVATE
74	0.09 AC	3,939 SF	2,301 SF	34.00 LF	PRIVATE
75	0.09 AC	3,936 SF	2,298 SF	34.00 LF	PRIVATE
76	0.09 AC	3,933 SF	2,296 SF	34.00 LF	PRIVATE
77	0.09 AC	3,930 SF	2,294 SF	34.00 LF	PRIVATE
78	0.16 AC	6,986 SF	3,953 SF	65.83 LF	PRIVATE
79	0.13 AC	5,865 SF	3,029 SF	57.53 LF	PRIVATE
80	0.11 AC	4,604 SF	2,853 SF	40.00 LF	PRIVATE
81	0.11 AC	4,600 SF	2,850 SF	40.00 LF	PRIVATE
82	0.11 AC	4,596 SF	2,847 SF	40.00 LF	PRIVATE
83	0.11 AC	4,591 SF	2,843 SF	40.00 LF	PRIVATE
84	0.11 AC	4,587 SF	2,840 SF	40.00 LF	PRIVATE
85	0.11 AC	4,582 SF	2,837 SF	40.00 LF	PRIVATE
86	0.13 AC	5,815 SF	2,997 SF	57.46 LF	PRIVATE
87	0.11 AC	4,962 SF	2,406 SF	49.79 LF	PRIVATE
88	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
89	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
90	0.12 AC	5,348 SF	3,683 SF	34.34 LF	PRIVATE
91	0.13 AC	5,575 SF	3,870 SF	32.68 LF	PRIVATE
92	0.15 AC	6,620 SF	4,295 SF	63.22 LF	PRIVATE
93	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
94	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
95	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
96	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
97	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
98	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
99	0.15 AC	6,416 SF	4,160 SF	62.43 LF	PRIVATE
100	0.08 AC	3,284 SF	2,001 SF	40.71 LF	PRIVATE
101	0.04 AC	1,902 SF	1,602 SF	20.00 LF	PRIVATE
102	0.04 AC	1,902 SF	1,602 SF	20.00 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
103	0.04 AC	1,902 SF	1,602 SF	20.00 LF	PRIVATE
104	0.04 AC	1,903 SF	1,603 SF	20.00 LF	PRIVATE
105	0.04 AC	1,903 SF	1,603 SF	20.00 LF	PRIVATE
106	0.04 AC	1,903 SF	1,603 SF	20.00 LF	PRIVATE
107	0.05 AC	2,379 SF	1,603 SF	25.00 LF	PRIVATE
108	0.05 AC	2,380 SF	1,604 SF	25.00 LF	PRIVATE
109	0.04 AC	1,904 SF	1,604 SF	20.00 LF	PRIVATE
110	0.04 AC	1,905 SF	1,605 SF	20.00 LF	PRIVATE
111	0.04 AC	1,905 SF	1,605 SF	20.00 LF	PRIVATE
112	0.04 AC	1,905 SF	1,605 SF	20.00 LF	PRIVATE
113	0.05 AC	2,382 SF	1,605 SF	25.00 LF	PRIVATE
114	0.05 AC	2,383 SF	1,606 SF	25.00 LF	PRIVATE
115	0.04 AC	1,906 SF	1,606 SF	20.00 LF	PRIVATE
116	0.04 AC	1,907 SF	1,607 SF	20.00 LF	PRIVATE
117	0.04 AC	1,907 SF	1,607 SF	20.00 LF	PRIVATE
118	0.04 AC	1,907 SF	1,607 SF	20.00 LF	PRIVATE
119	0.04 AC	1,908 SF	1,607 SF	20.00 LF	PRIVATE
120	0.04 AC	1,908 SF	1,608 SF	20.00 LF	PRIVATE
121	0.07 AC	2,957 SF	2,090 SF	30.95 LF	PRIVATE
122	0.08 AC	3,460 SF	2,162 SF	43.78 LF	PRIVATE
123	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
124	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
125	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
126	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
127	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
128	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
129	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
130	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
131	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
132	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
133	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
134	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
135	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
136	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
137	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
138	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
139	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
140	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
141	0.08 AC	3,389 SF	2,144 SF	43.75 LF	PRIVATE
142	0.08 AC	3,456 SF	2,159 SF	43.74 LF	PRIVATE
143	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
144	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
145	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
146	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
147	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
148	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
149	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
150	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
151	0.05 AC	2,300 SF	1,540 SF	20.00 LF	PRIVATE
152	0.05 AC	2,300 SF	1,540 SF	20.00 LF	PRIVATE
153	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
154	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
155	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
156	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
157	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
158	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
159	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
160	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
161	0.08 AC	3,404 SF	2,157 SF	43.83 LF	PRIVATE
162	0.08 AC	3,462 SF	2,162 SF	42.46 LF	PRIVATE
163	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
164	0.04 AC	1,840 SF	1,540 SF	25.00 LF	PRIVATE
165	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
166	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
167	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
168	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
169	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
170	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
171	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
172	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
173	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
174	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
175	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
176	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
177	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
178	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
179	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
180	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
181	0.08 AC	3,409 SF	2,161 SF	43.96 LF	PRIVATE
182	0.07 AC	3,178 SF	1,926 SF	40.71 LF	PRIVATE
183	0.04 AC	1,841 SF	1,540 SF	20.00 LF	PRIVATE
184	0.04 AC	1,841 SF	1,541 SF	20.00 LF	PRIVATE
185	0.04 AC	1,842 SF	1,542 SF	20.00 LF	PRIVATE
186	0.04 AC	1,842 SF	1,541 SF	20.00 LF	PRIVATE
187	0.05 AC	2,303 SF	1,541 SF	25.00 LF	PRIVATE
188	0.05 AC	2,304 SF	1,543 SF	25.00 LF	PRIVATE
189	0.04 AC	1,844 SF	1,544 SF	20.00 LF	PRIVATE
190	0.04 AC	1,844 SF	1,544 SF	20.00 LF	PRIVATE
191	0.05 AC	2,306 SF	1,545 SF	25.00 LF	PRIVATE
192	0.05 AC	2,306 SF	1,545 SF	25.00 LF	PRIVATE
193	0.04 AC	1,846 SF	1,546 SF	20.00 LF	PRIVATE
194	0.04 AC	1,846 SF	1,546 SF	20.00 LF	PRIVATE
195	0.04 AC	1,846 SF	1,546 SF	20.00 LF	PRIVATE
196	0.04 AC	1,847 SF	1,547 SF	20.00 LF	PRIVATE
197	0.05 AC	2,309 SF	1,547 SF	25.00 LF	PRIVATE
198	0.05 AC	2,310 SF	1,548 SF	25.00 LF	PRIVATE
199	0.04 AC	1,848 SF	1,548 SF	20.00 LF	PRIVATE
200	0.04 AC	1,849 SF	1,548 SF	20.00 LF	PRIVATE
201	0.10 AC	4,364 SF	3,173 SF	61.38 LF	PRIVATE
202	0.06 AC	2,717 SF	1,540 SF	35.71 LF	PRIVATE
203	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
204	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
205	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
206	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
207	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
208	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
209	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
210	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
211	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
212	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
213	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
214	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
215	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
216	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
217	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
218	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
219	0.08 AC	3,573 SF	2,288 SF	45.71 LF	PRIVATE
220	0.06 AC	2,717 SF	1,540 SF	35.71 LF	PRIVATE
221	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
222	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
223	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
224	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
225	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
226	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
227	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
228	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
229	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
230	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
231	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
232	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
233	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
234	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
235	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
236	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
237	0.08 AC	3,573 SF	2,289 SF	45.71 LF	PRIVATE
238	0.06 AC	2,717 SF	1,540 SF	35.71 LF	PRIVATE
239	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
240	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
241	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
242	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
243	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
244	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
245	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
246	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
247	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
248	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
249	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
250	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
251	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
252	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
253	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
254	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
255	0.08 AC	3,573 SF	2,289 SF	45.71 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
256	0.06 AC	2,717 SF	1,540 SF	35.71 LF	PRIVATE
257	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
258	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
259	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
260	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
261	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
262	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
263	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
264	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
265	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
266	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
267	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
268	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
269	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
270	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
271	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
272	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
273	0.08 AC	3,573 SF	2,289 SF	45.71 LF	PRIVATE
274	0.06 AC	2,717 SF	1,540 SF	35.71 LF	PRIVATE
275	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
276	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
277	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
278	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
279	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
280	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
281	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
282	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
283	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
284	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
285	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
286	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
287	0.04 AC	1,840 SF	1,540 SF	20.00 LF	PRIVATE
288	0.05 AC	2,300 SF	1,540 SF	25.00 LF	PRIVATE
289	0.05 AC	2,301 SF	1,541 SF	25.00 LF	PRIVATE
290	0.04 AC	1,842 SF	1,541 SF	20.00 LF	PRIVATE
291	0.04 AC	1,843 SF	1,541 SF	20.00 LF	PRIVATE
292	0.11 AC	4,601 SF	3,060 SF	49.63 LF	PRIVATE
293	0.12 AC	5,102 SF	3,016 SF	51.01 LF	PRIVATE
294	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
295	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
296	0.09 AC	3,917 SF	2,406 SF	34.00 LF	PRIVATE
297	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
298	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
299	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
300	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
301	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
302	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
303	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

LOT DATA TABLE

LOT NUMBER	LOT AREA (AC)	LOT AREA (SF)	*BUILDABLE AREA	LOT FRONTAGE	OWNER
304	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
305	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
306	0.12 AC	5,012 SF	2,939 SF	50.22 LF	PRIVATE
307	0.11 AC	4,954 SF	2,888 SF	49.71 LF	PRIVATE
308	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
309	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
310	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
311	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
312	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
313	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
314	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
315	0.11 AC	4,600 SF	3,000 SF	40.00 LF	PRIVATE
316	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
317	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
318	0.09 AC	3,910 SF	2,400 SF	34.00 LF	PRIVATE
319	0.11 AC	4,953 SF	2,888 SF	49.71 LF	PRIVATE
320	0.13 AC	5,650 SF	3,492 SF	55.72 LF	PRIVATE
321	0.11 AC	4,694 SF	3,068 SF	40.18 LF	PRIVATE
322	0.11 AC	4,886 SF	3,212 SF	40.37 LF	PRIVATE
323	0.12 AC	5,104 SF	3,375 SF	40.37 LF	PRIVATE
324	0.12 AC	5,321 SF	3,538 SF	40.37 LF	PRIVATE
325	0.13 AC	5,538 SF	3,701 SF	40.37 LF	PRIVATE
326	0.16 AC	6,935 SF	4,420 SF	56.10 LF	PRIVATE

* BUILDABLE AREA IS EQUAL TO LOT AREA MINUS THE BUILDINGS SETBACK AREA

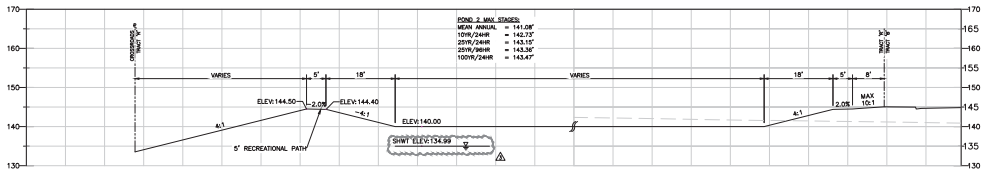
NO.	DATE	DESCRIPTION	BY
1	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30900

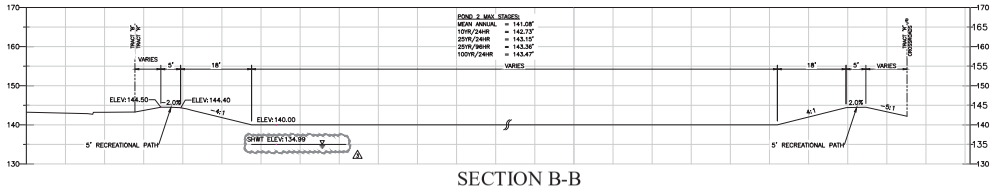
LOT DATA TABLES
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

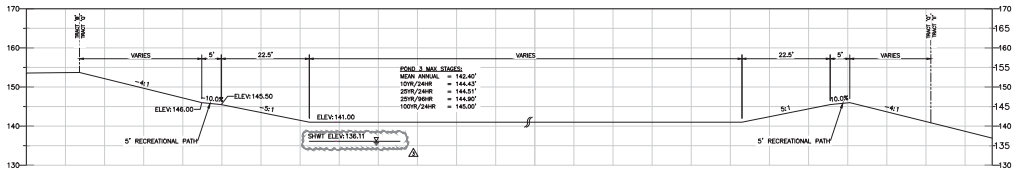
DRAWN: A. FRANCIS
DESIGNED: S.SIERR



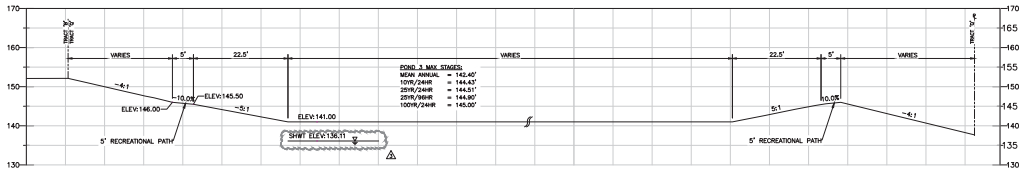
SECTION A-A
NTS



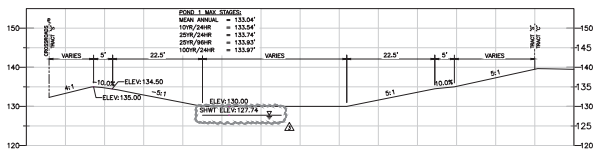
SECTION B-B
NTS



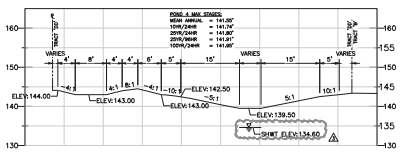
SECTION C-C
NTS



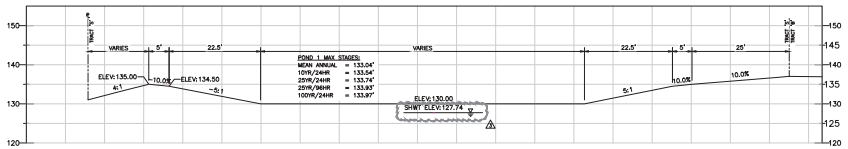
SECTION D-D
NTS



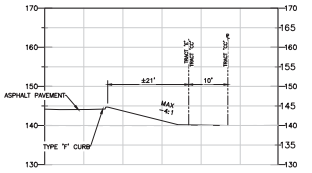
SECTION E-E
NTS



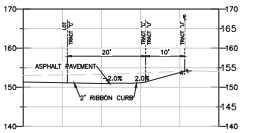
SECTION G-G
NTS



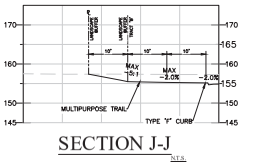
SECTION F-F
NTS



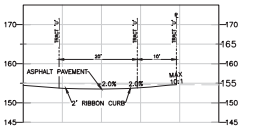
SECTION H-H
NTS



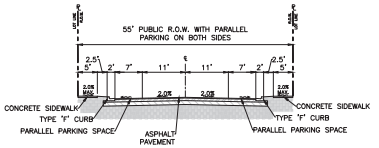
SECTION I-I
NTS



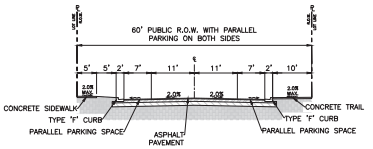
SECTION J-J
NTS



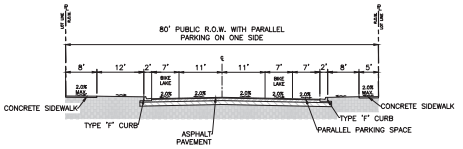
SECTION K-K
NTS

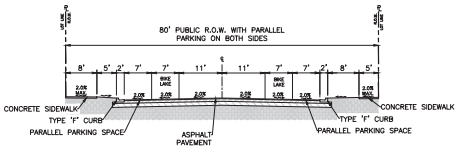


55' RIGHT-OF-WAY SECTION
NTS

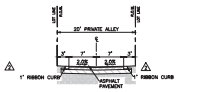


60' RIGHT-OF-WAY SECTION
NTS

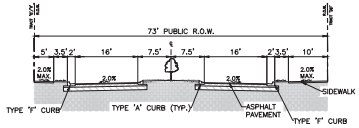




80' RIGHT-OF-WAY SECTIONS
NTS



TYPICAL ALLEY SECTION
NTS



EFFIE DRIVE ENTRANCE SECTION
NTS



SHEET 25 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJR/MD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

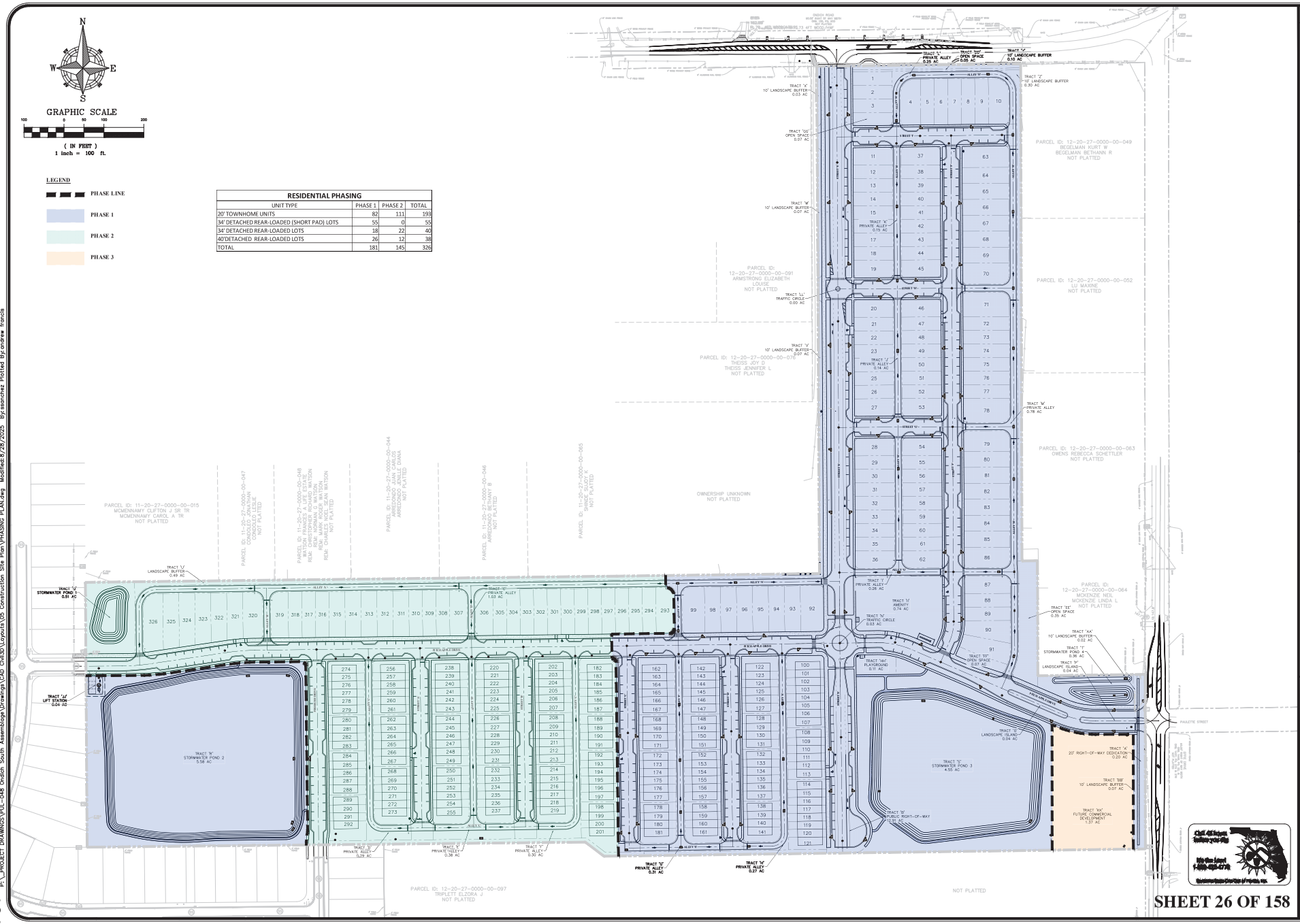
CROSS SECTIONS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/13/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C3.7

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\CROSS SECTIONS.dwg Modified:8/13/2025 By:asanchez Plotted By:andrew francis



SHEET 26 OF 158

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

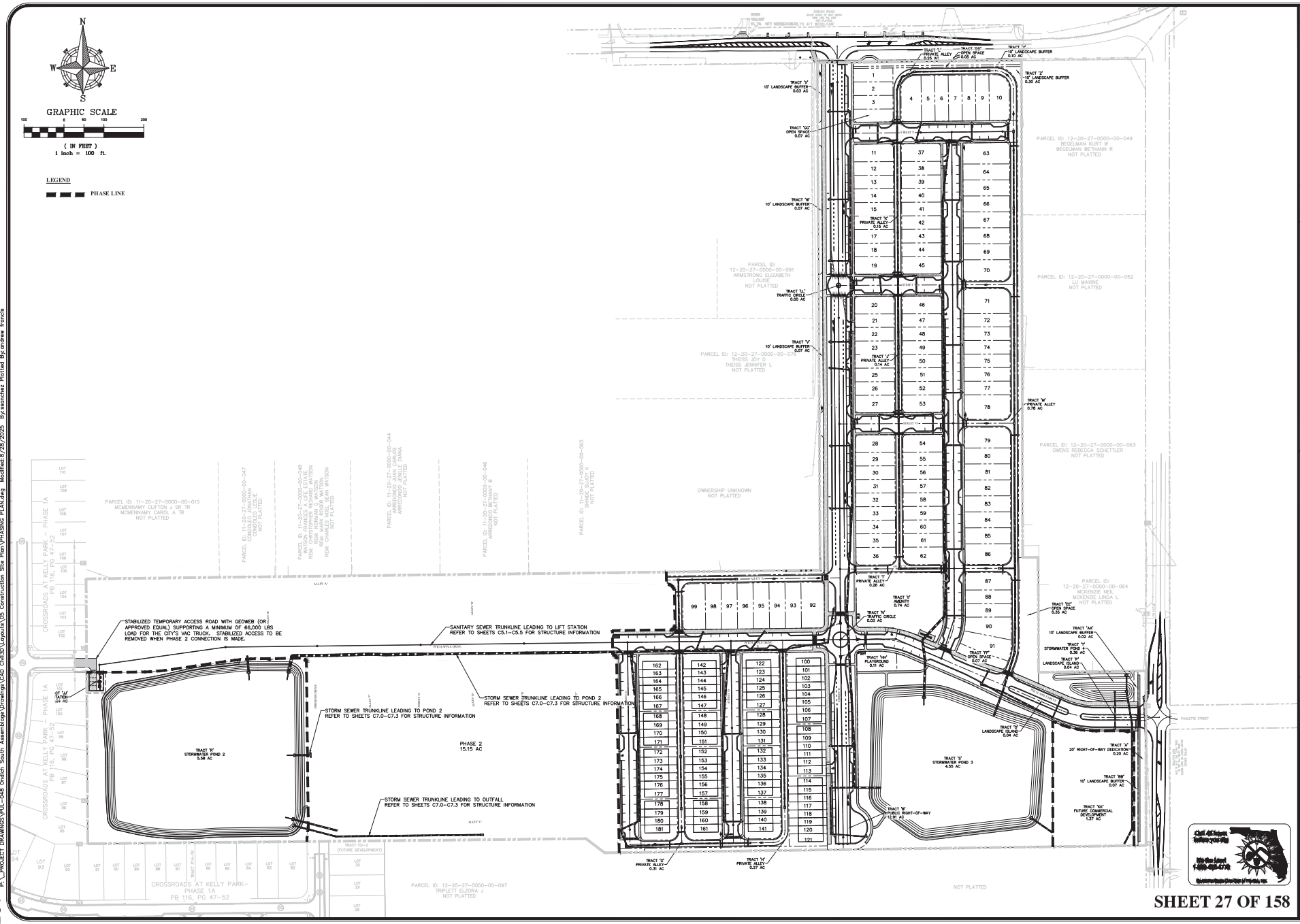
NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	DATE	DESCRIPTION	BY

PHASING PLAN
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/28/2025
SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C4.8

CAROLINA SIERRA-GIL VICENTE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

PL:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN.dwg Modified:8/28/2025 By:ssanchez Plotted By:andrew francis



NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	S.J.W.M.D. COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

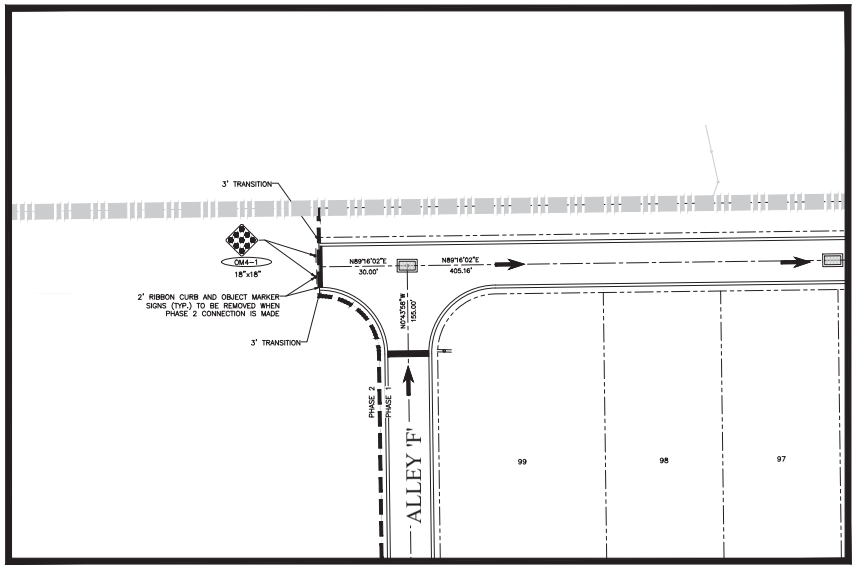
PHASING PLAN – PHASE 1
IMPROVEMENTS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

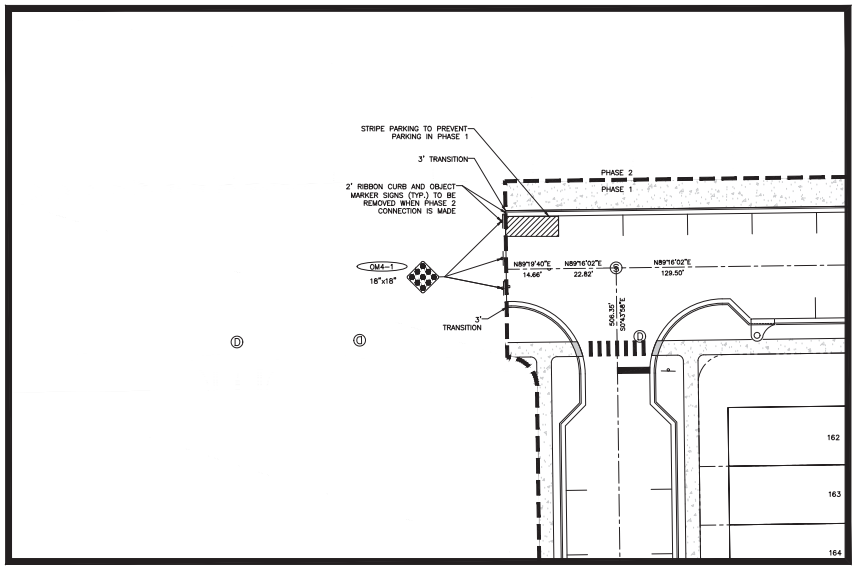
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/28/2025
SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C4.9

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

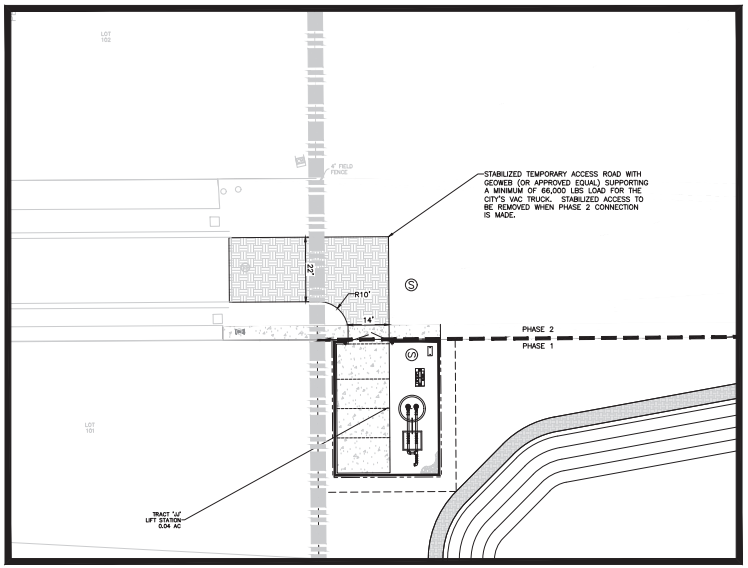
PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN.dwg Modified:8/28/2025 By:ssanchez Plotted By:andrew francis



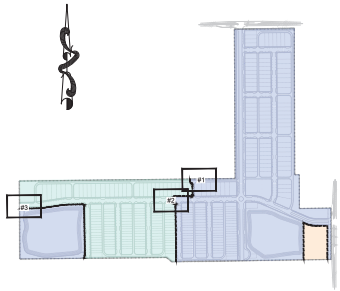
PHASING DETAIL AREA #1
SCALE: 1" = 20'



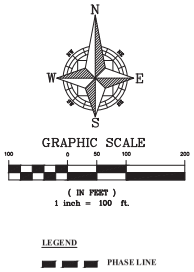
PHASING DETAIL AREA #2
SCALE: 1" = 20'



PHASING DETAIL AREA #3
SCALE: 1" = 20'



KEY MAP



SHEET 28 OF 158

REV.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PHASING DETAILS – GEOMETRY
CONSTRUCTION SITE PLAN

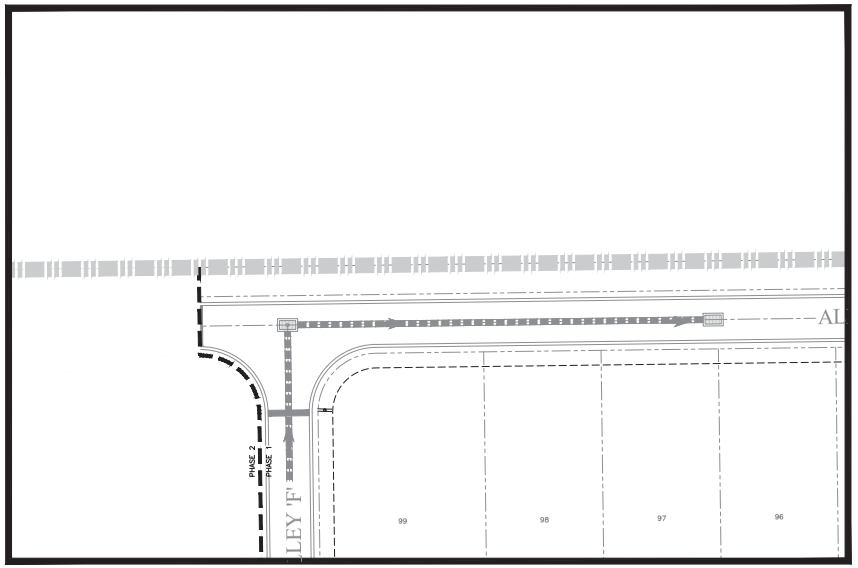
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/28/2025

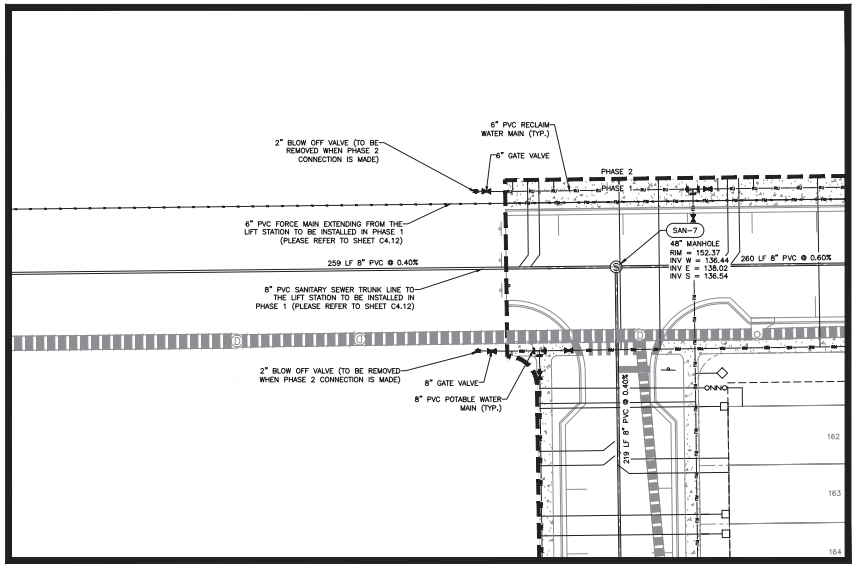
SCALE 1" = 20'
PROJECT PUL-048
SHEET C4.10

SOFIA CAROLINA SIERRA-GIL
LICENSE
No. 90745
9/22/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

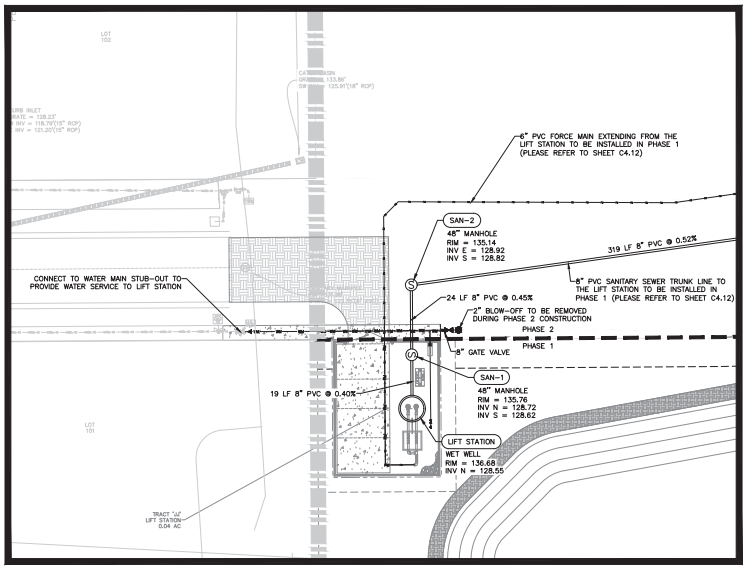
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil30\Layouts\05 Construction Site Plan\PHASING PLAN.dwg Modified:8/28/2025 By:ssanchez Plotted By:andrew francis
Page 106 of 176



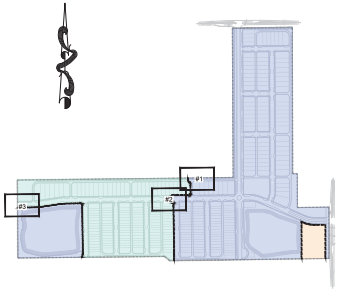
PHASING DETAIL AREA #1
SCALE: 1" = 20'



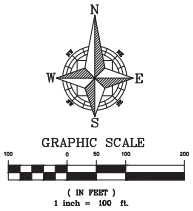
PHASING DETAIL AREA #2
SCALE: 1" = 20'



PHASING DETAIL AREA #3
SCALE: 1" = 20'



KEY MAP



NO.	DATE	DESCRIPTION	BY
4	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

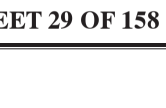
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PHASING DETAILS – UTILITIES
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

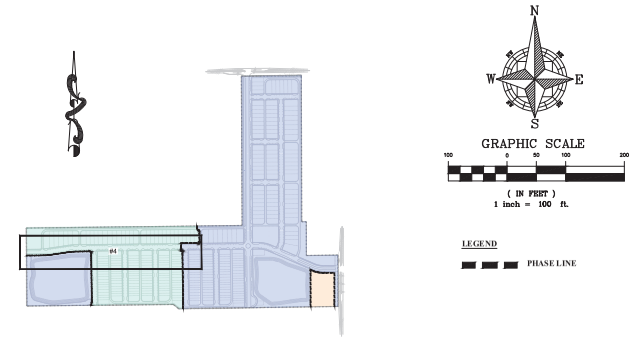
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	4/8/2025
SCALE	1" = 20'
PROJECT	PUL-048
SHEET	C4.11



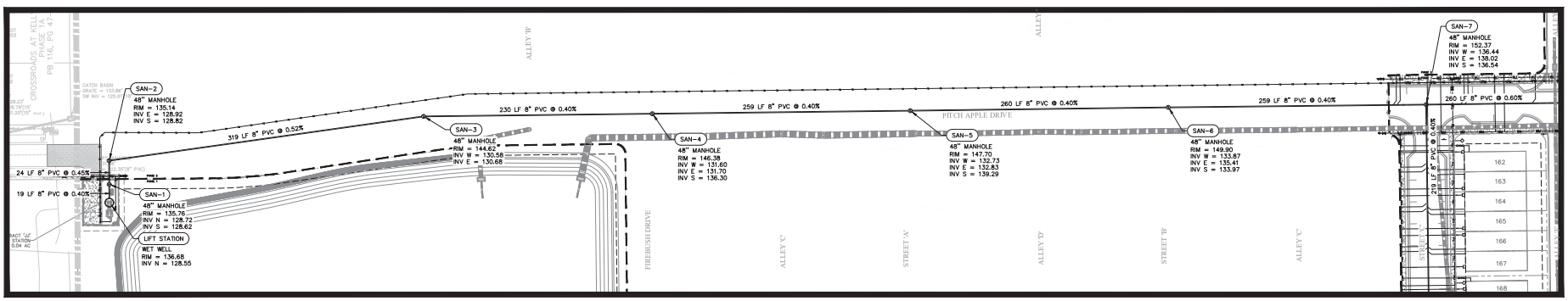


SHEET 29 OF 158

P:_PROJECTS\DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN – UTILITIES.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



KEY MAP



PHASING DETAIL AREA #4

SCALE: 1" = 50'

SHEET 30 OF 158

REV.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY
NO. 39060

PHASING DETAILS – UTILITIES
CONSTRUCTION SITE PLAN

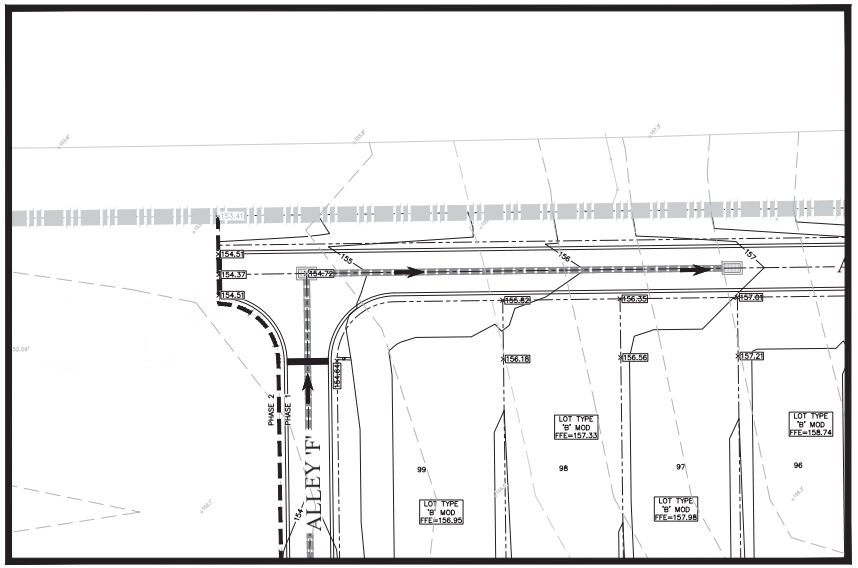
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/8/2025

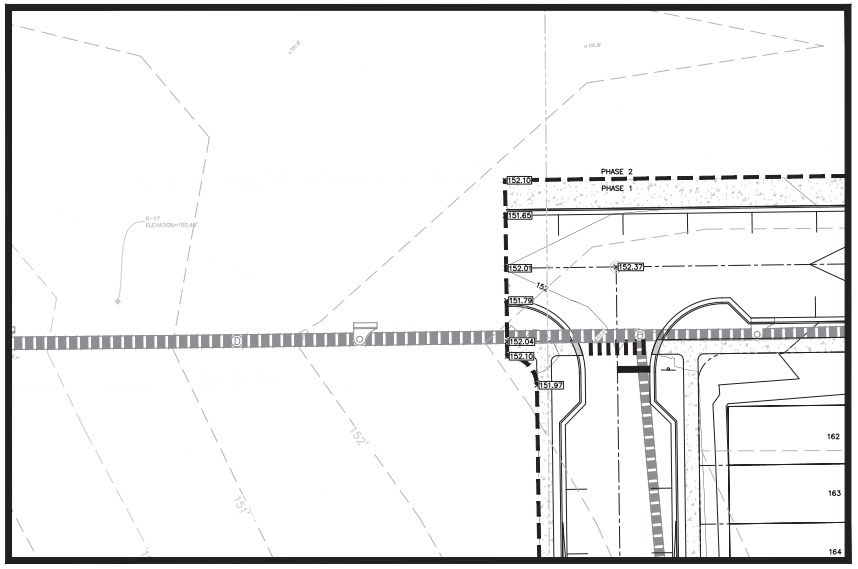
SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C4.12

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 9/22/25 STATE OF FLORIDA PROFESSIONAL ENGINEER

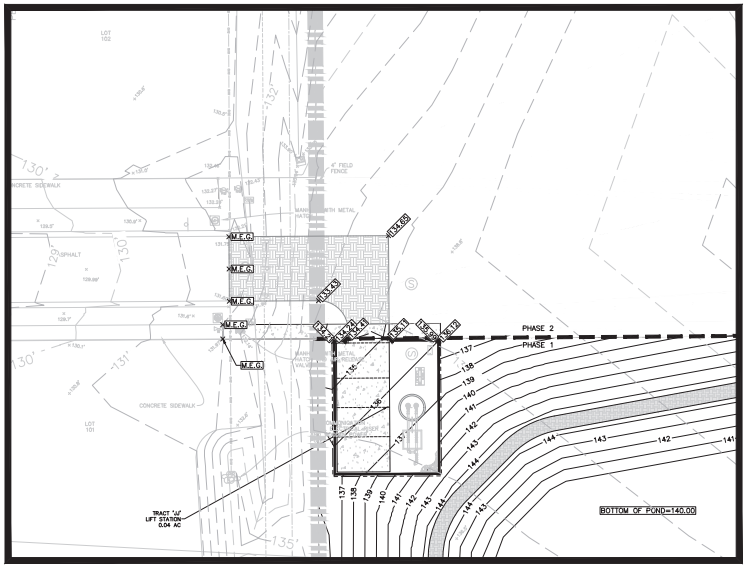
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil30\Layouts\05 Construction Site Plan\PHASING PLAN - UTILITIES.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



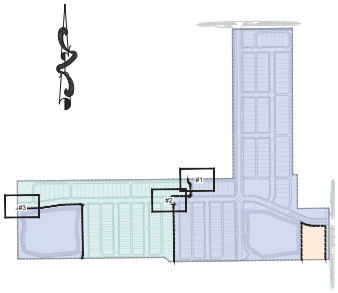
PHASING DETAIL AREA #1
SCALE: 1" = 20'



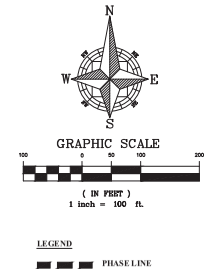
PHASING DETAIL AREA #2
SCALE: 1" = 20'



PHASING DETAIL AREA #3
SCALE: 1" = 20'



KEY MAP



SHEET 31 OF 158

REV.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PHASING DETAILS – PAVING & GRADING
CONSTRUCTION SITE PLAN

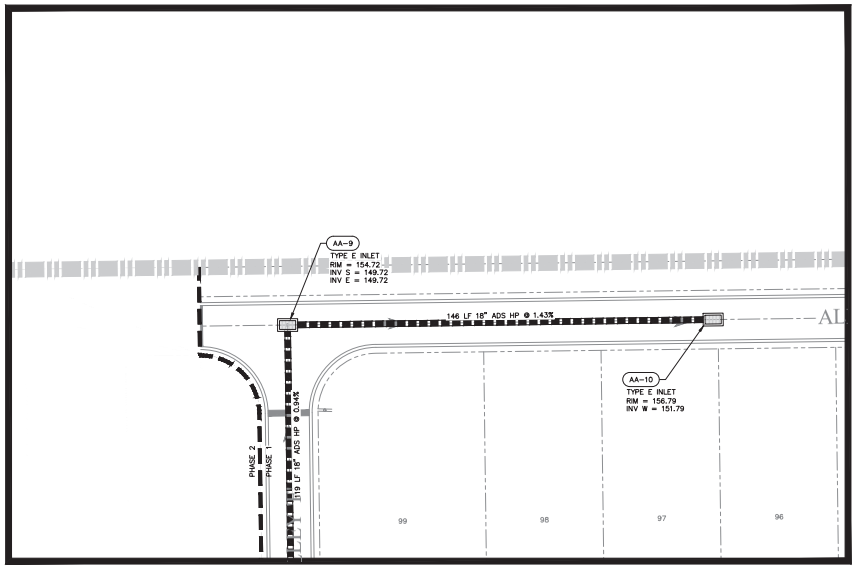
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

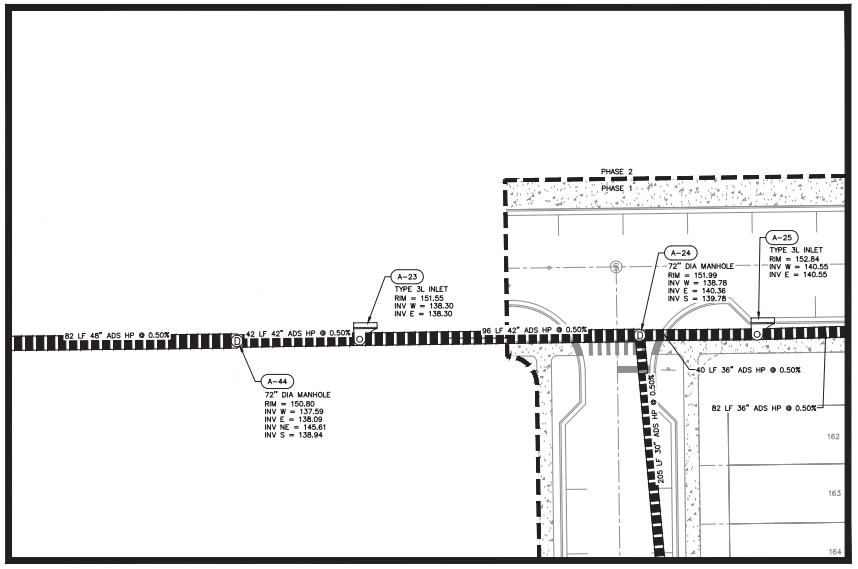
SCALE 1" = 20'
PROJECT PUL-048
SHEET C4.13

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

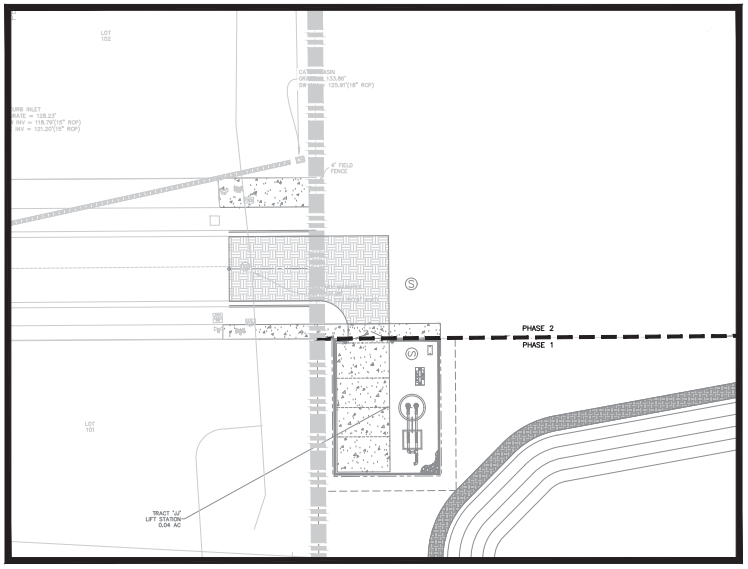
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN – PAVING & GRADING.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



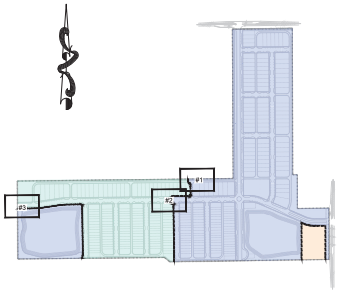
PHASING DETAIL AREA #1
SCALE: 1" = 20'



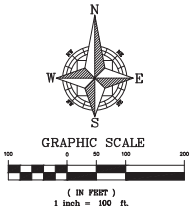
PHASING DETAIL AREA #2
SCALE: 1" = 20'



PHASING DETAIL AREA #3
SCALE: 1" = 20'



KEY MAP



LEGEND

PHASE LINE

SHEET 32 OF 158

REV.	DATE	DESCRIPTION	BY
3	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
1	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PHASING DETAILS – DRAINAGE
CONSTRUCTION SITE PLAN

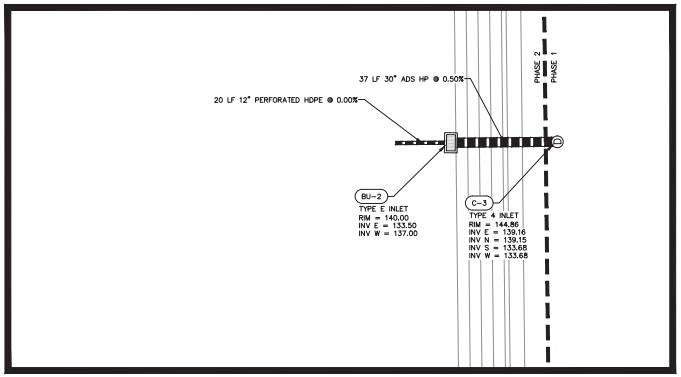
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

SCALE 1" = 20'
PROJECT PUL-048
SHEET C4.14

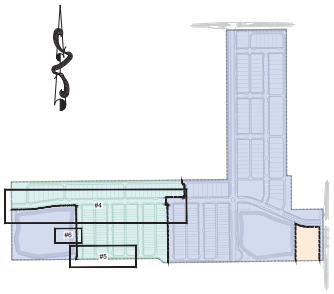
SOFIA CAROLINA SIERRA-GIL
LICENSE
No. 90745
9/2/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN – DRAINAGE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

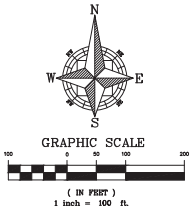


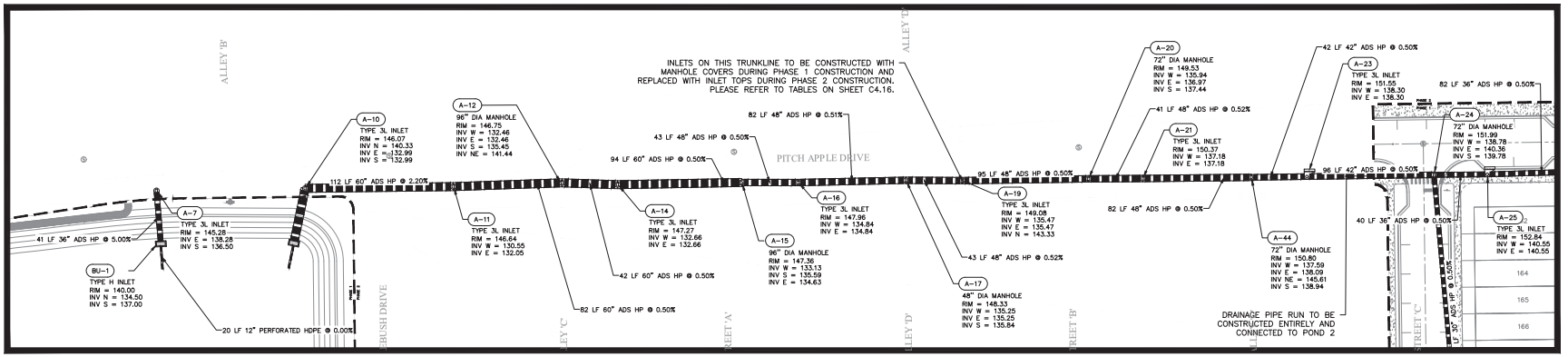
PHASING DETAIL AREA #6

SCALE: 1" = 40'



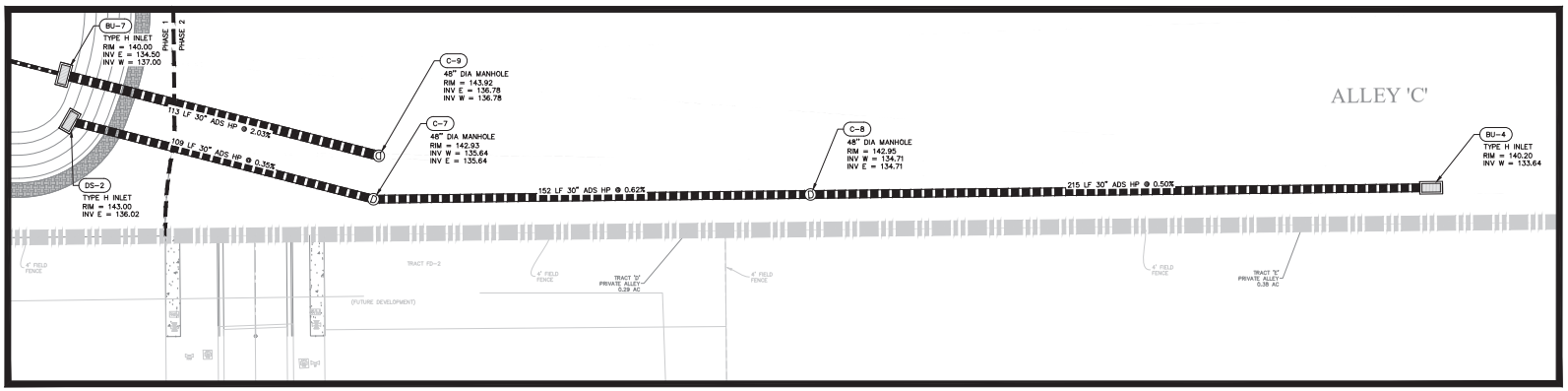
KEY MAP





PHASING DETAIL AREA #4

SCALE: 1" = 40'



PHASING DETAIL AREA #5

SCALE: 1" = 20'

NO.	DATE	DESCRIPTION	BY
4	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

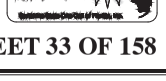
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PHASING DETAILS – DRAINAGE CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	6/9/2025
SCALE	AS NOTED
PROJECT	PUL-048
SHEET	C4.15





SHEET 33 OF 158

P:\PROJECTS\DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN – DRAINAGE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

STORM STRUCTURES TO BE BUILT WITH PHASE 1
NAME
A-07*
A-08*
A-10*
A-11*
A-12
A-14*
A-15
A-16*
A-17
A-19*
A-20
A-21*
A-23*
A-24*
A-25
A-25A
A-26
A-27
A-28
A-29
A-30
A-31
A-32
A-33
A-34
A-35
A-36
A-37
A-38
A-39
A-40
A-41
A-42
A-43
A-44
A-47
AA-09
AA-10
AE-01
AE-02
AE-03
AE-04
AF-01
AF-02
AF-03
AF-04
AF-05
AG-01

NOTES:

1. STRUCTURES MARKED WITH AN ASTERISK (*) ARE TO BE INSTALLED WITH MANHOLE TOPS DURING PHASE 1, AND REPLACED WITH CURB INLET TOP DURING PHASE 2 CONSTRUCTION.

2. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

3. REFER TO THE DRAINAGE PLAN STARTING ON SHEET C7.0 FOR RIM AND INVERT ELEVATIONS

4. FOR PHASE 1 STRUCTURES WITH FUTURE CONNECTIONS IN PHASE 2, THE CONTRACTOR MAY HAVE THE STRUCTURES CAST WITH ALL PROPOSED INVERTS AND BRICK AND MORTAR THE HOLE FOR EACH FUTURE CONNECTION DURING PHASE 1 CONSTRUCTION

STORM STRUCTURES TO BE BUILT WITH PHASE 1
NAME
AG-02
AH-01
AH-02
AH-03
AH-04
AH-05
AH-06
AH-07
AH-08
AH-09
AH-10
AH-11
AH-12
AH-13
AH-14
AH-15
AH-16
B-01
B-10
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18
B-19
B-02
B-20
B-21
B-22
B-03
B-04
B-05
B-06
B-07
B-08
B-09
BU-1
BU-2
BU-3
BU-4
BU-5
C-03*
C-07
C-08

NOTES:

1. STRUCTURES MARKED WITH AN ASTERISK (*) ARE TO BE INSTALLED WITH MANHOLE TOPS DURING PHASE 1, AND REPLACED WITH CURB INLET TOP DURING PHASE 2 CONSTRUCTION.

2. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

3. REFER TO THE DRAINAGE PLAN STARTING ON SHEET C7.0 FOR RIM AND INVERT ELEVATIONS

4. FOR PHASE 1 STRUCTURES WITH FUTURE CONNECTIONS IN PHASE 2, THE CONTRACTOR MAY HAVE THE STRUCTURES CAST WITH ALL PROPOSED INVERTS AND BRICK AND MORTAR THE HOLE FOR EACH FUTURE CONNECTION DURING PHASE 1 CONSTRUCTION

STORM STRUCTURES TO BE BUILT WITH PHASE 1
NAME
OS-2
OS-3
OS-4
OS-5
F-01
F-02
F-03
F-04
F-05
G-01
G-2
G-3
G-4
H-1
H-2
H-3
H-4
H-5
I-1
I-2
I-3
I-4
I-5
J-1
J-1
J-3
J-4
J-5
J-6
J-7
J-8
J-9
K-01
K-10
K-11
K-12
K-13
K-14
K-15
K-02
K-03
K-04
K-05
K-06
K-07
K-08
K-09
MES-10
MES-05
MES-07
MES-08
OFF-1
OFF-2
OFF-3

NOTES:

1. STRUCTURES MARKED WITH AN ASTERISK (*) ARE TO BE INSTALLED WITH MANHOLE TOPS DURING PHASE 1, AND REPLACED WITH CURB INLET TOP DURING PHASE 2 CONSTRUCTION .

2. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

3. REFER TO THE DRAINAGE PLAN STARTING ON SHEET C7.0 FOR RIM AND INVERT ELEVATIONS

4. FOR PHASE 1 STRUCTURES WITH FUTURE CONNECTIONS IN PHASE 2, THE CONTRACTOR MAY HAVE THE STRUCTURES CAST WITH ALL PROPOSED INVERTS AND BRICK AND MORTAR THE HOLE FOR EACH FUTURE CONNECTION DURING PHASE 1 CONSTRUCTION

STORM STRUCTURES TO BE BUILT WITH PHASE 2
NAME
A-01
A-02
A-03
A-04
A-05
A-06
A-07*
A-08*
A-09
A-10
A-11*
A-13
A-14*
A-16*
A-18
A-19*
A-21*
A-22
A-23*
A-24*
AA-01
AA-02
AA-03
AA-04
AA-05
AA-06
AA-07
AA-08
AC-1
AC-2
AC-3
AC-4
AC-5
AC-6
AC-7
AC-8
AD-1
AD-2
AD-3
C-1
C-2
C-3*
C-4
C-5
C-6
D-1
D-2
D-3
D-4
DS-1
E-1
E-2
E-3
E-4
MES-1
MES-2
MES-3

NOTES:

1. STRUCTURES MARKED WITH AN ASTERISK (*) ARE TO BE INSTALLED WITH MANHOLE TOPS DURING PHASE 1, AND REPLACED WITH CURB INLET TOP DURING PHASE 2 CONSTRUCTION.

2. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

3. REFER TO THE DRAINAGE PLAN STARTING ON SHEET C7.0 FOR RIM AND INVERT ELEVATIONS

SANITARY STRUCTURES TO BE BUILT WITH PHASE 1
NAME
SAN-01
SAN-02
SAN-03
SAN-04
SAN-05
SAN-06
SAN-07
SAN-08
SAN-09
SAN-10
SAN-11
SAN-12
SAN-13
SAN-14
SAN-15
SAN-16
SAN-17
SAN-18
SAN-19
SAN-20
SAN-21
SAN-22
SAN-23
SAN-30
SAN-31
SAN-32
SAN-33
SAN-34
SAN-35

NOTES:

1. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

2. REFER TO THE UTILITY PLAN STARTING ON SHEET C5.0 FOR RIM AND INVERT ELEVATIONS

3. FOR PHASE 1 STRUCTURES WITH FUTURE CONNECTIONS IN PHASE 2, THE CONTRACTOR MAY HAVE THE STRUCTURES CAST WITH ALL PROPOSED INVERTS AND BRICK AND MORTAR THE HOLE FOR EACH FUTURE CONNECTION DURING PHASE 1 CONSTRUCTION

SANITARY STRUCTURES TO BE BUILT WITH PHASE 2
NAME
SAN-24
SAN-25
SAN-26
SAN-27
SAN-28
SAN-29

NOTES:

1. PIPE RUNS BETWEEN STRUCTURES TO BE INSTALLED IN PHASE 1 ARE TO BE INSTALLED WITH PHASE 1

2. REFER TO THE UTILITY PLAN STARTING ON SHEET C5.0 FOR RIM AND INVERT ELEVATIONS

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SKS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SKS
2	03/07/25	S.WMD COMMENTS DATED 02/27/2025	SKS
1			BF

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30680

PHASING PLAN – STRUCTURE TABLES CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

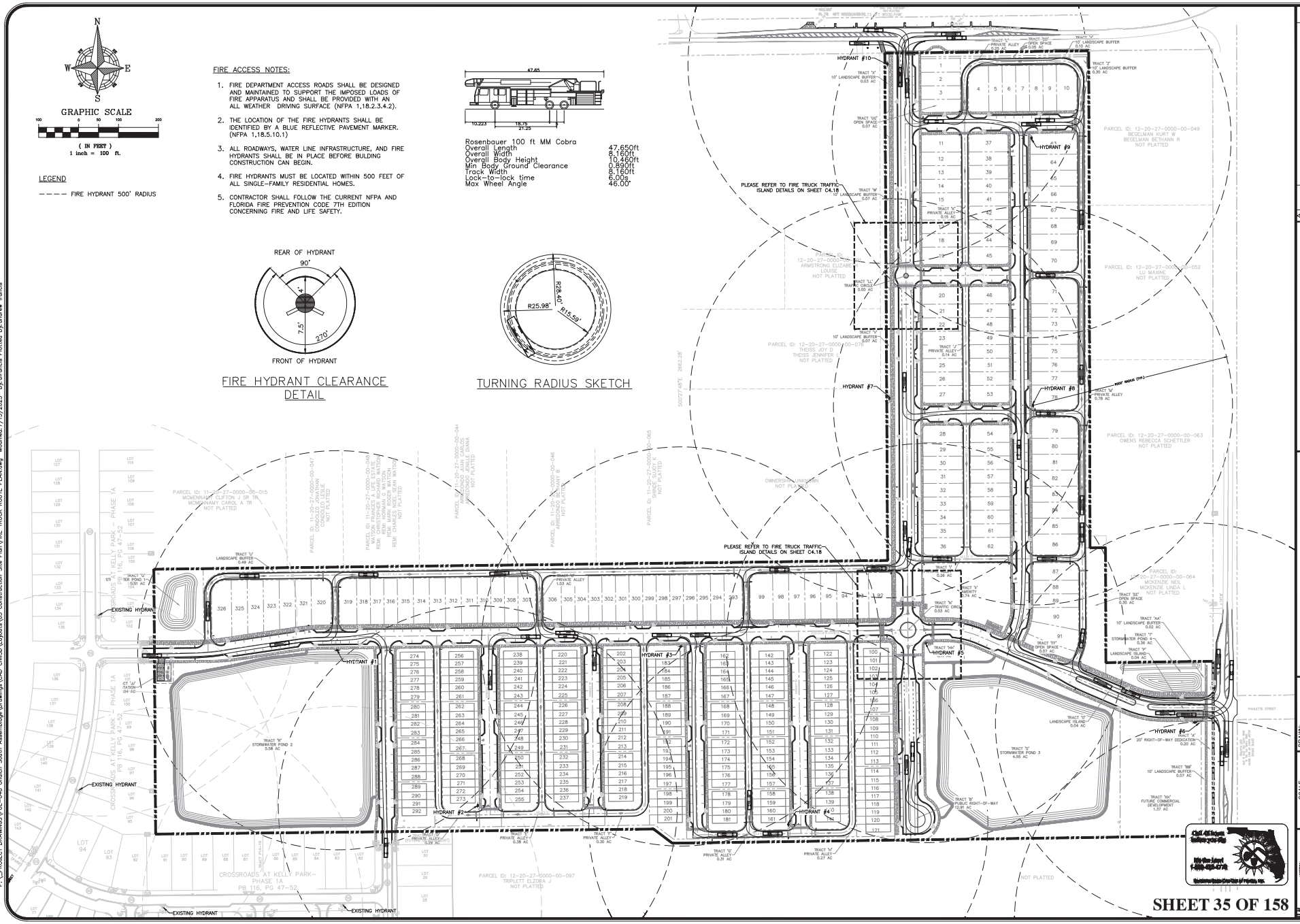
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 8/28/2025

SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C4.16

SHEET 34 OF 158

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECTS\DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PHASING PLAN.dwg Modified:8/28/2025 By:ssanchez Plotted By:andrew francis



1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

	DESCRIPTION	DATE	BY
5	CITY OF APOPKA COMMENTS DATED 06/30/2025	06/14/25	SCS
4	CITY OF APOPKA COMMENTS DATED 04/28/2025	05/14/25	SCS
3	S.J.W.M.D. COMMENTS DATED 02/27/2025	03/07/25	SCS
2			
1			

FIRE TRUCK ROUTE PLAN
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 7/15/2025
SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C4.17

NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:\PROJECTS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\FIRE TRUCK ROUTE PLAN.dwg Modified:7/15/2025 By:cfrancis Plotted By:cfrancis

SHEET 36 OF 158

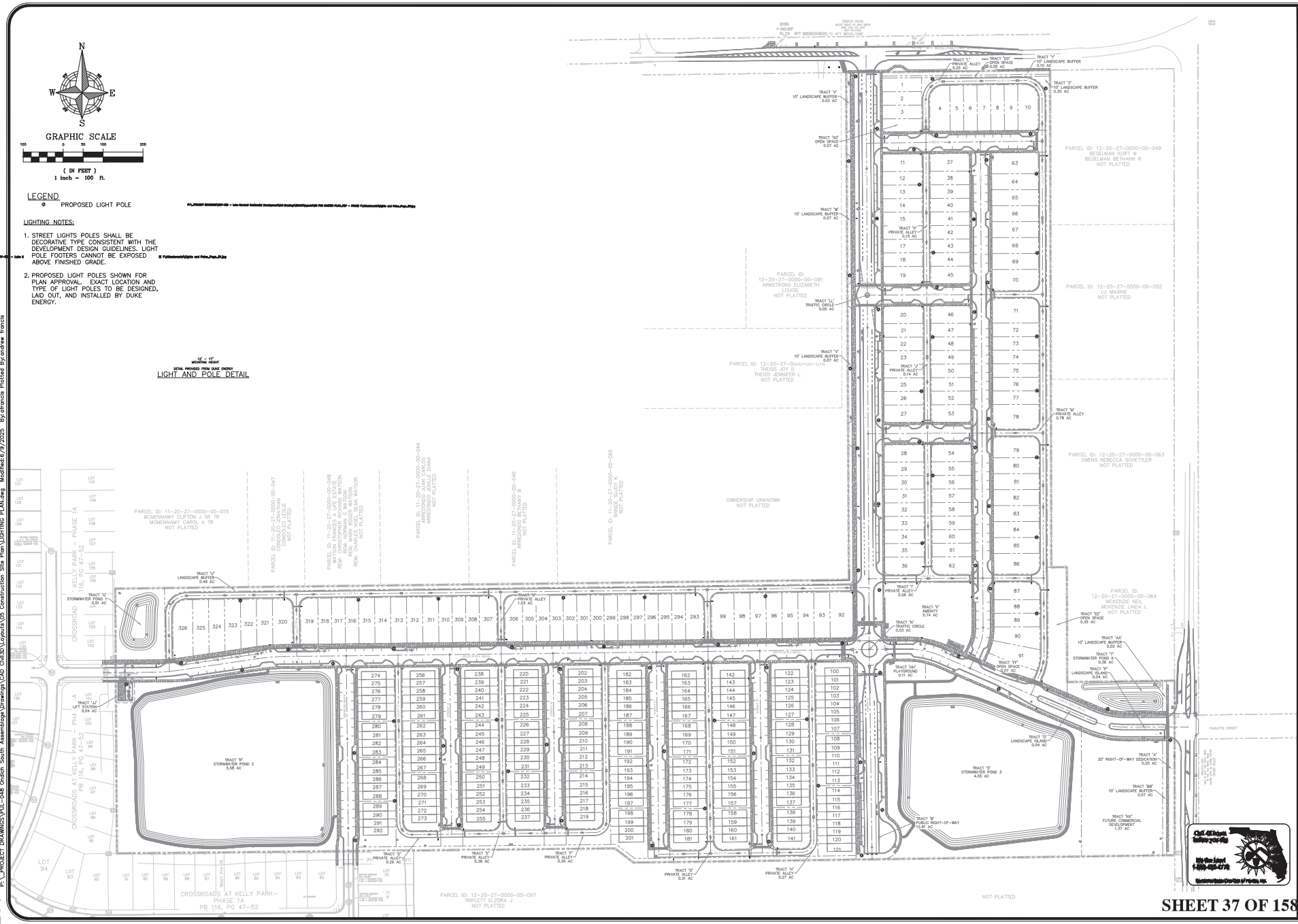
SCALE	1" = 40'
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	7/15/2025
PROJECT	PUL-048
SHEET	C4.18

FIRE TRUCK ROUTE DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 858-2228
BOARD OF PROFESSIONAL ENGINEERING
ENGINEERING
NO. 39060

REV	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SGS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SGS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SGS

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\FIRE TRUCK ROUTE PLAN.dwg Modified: 7/15/2025 By: grancis Plotted By: grancis



SHEET 37 OF 158

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

LIGHTING PLAN
CONSTRUCTION SITE PLAN

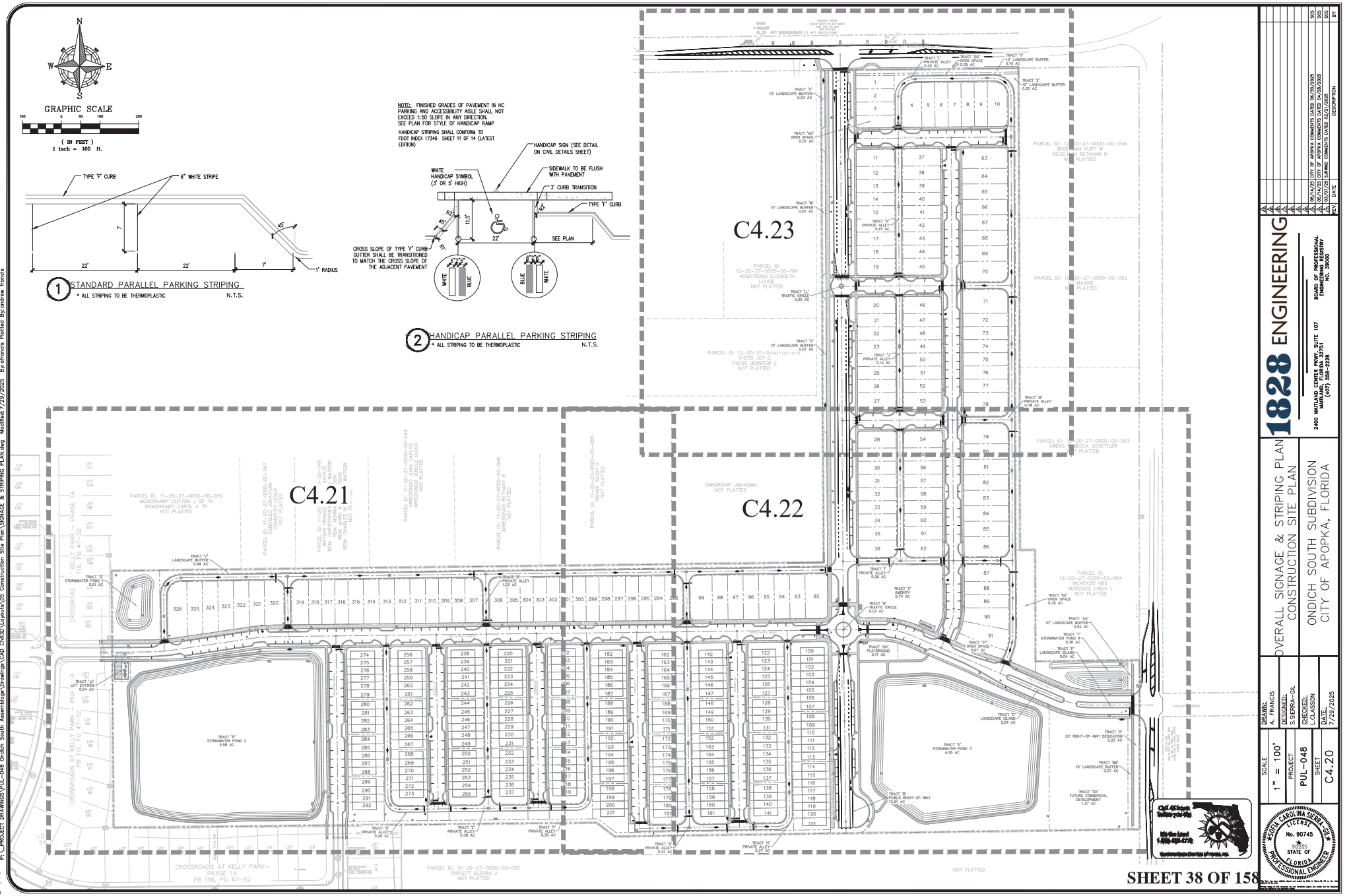
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 1/30/2025

SCALE 1" = 100'
PROJECT PUL-048
SHEET C4.19

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
9/22/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\LIGHTING PLAN.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJH&D COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

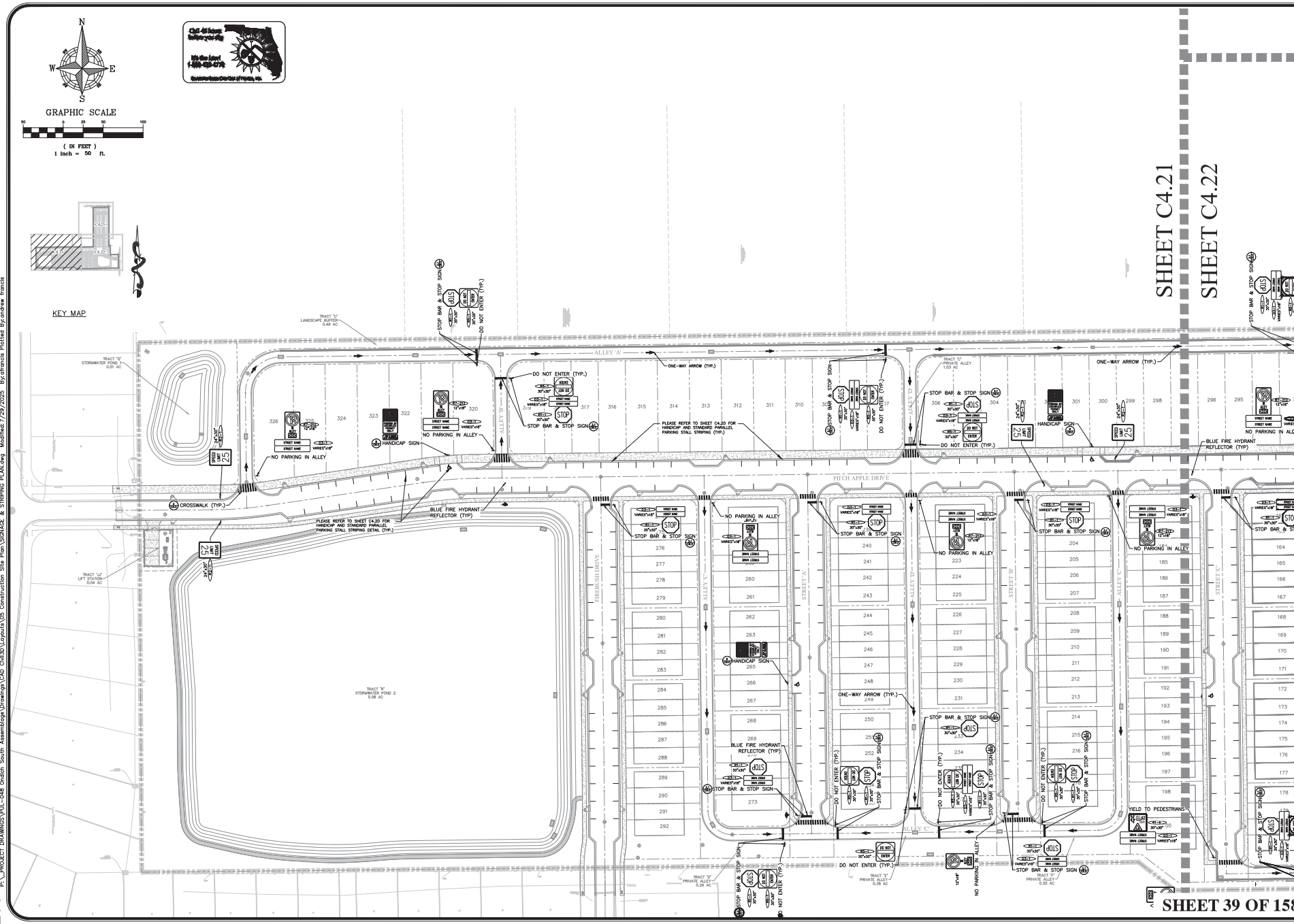
OVERALL SIGNAGE & STRIPING PLAN
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	7/29/2025
SCALE	1" = 100'
PROJECT	PUL-048
SHEET	C4.20

NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/2026

P:\PROJECTS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\SIGNAGE & STRIPING PLAN.dwg Modified:7/29/2025 By:afrancis Plotted By:andrew francis



1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

REV.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

SIGNAGE & STRIPING PLAN – WEST
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

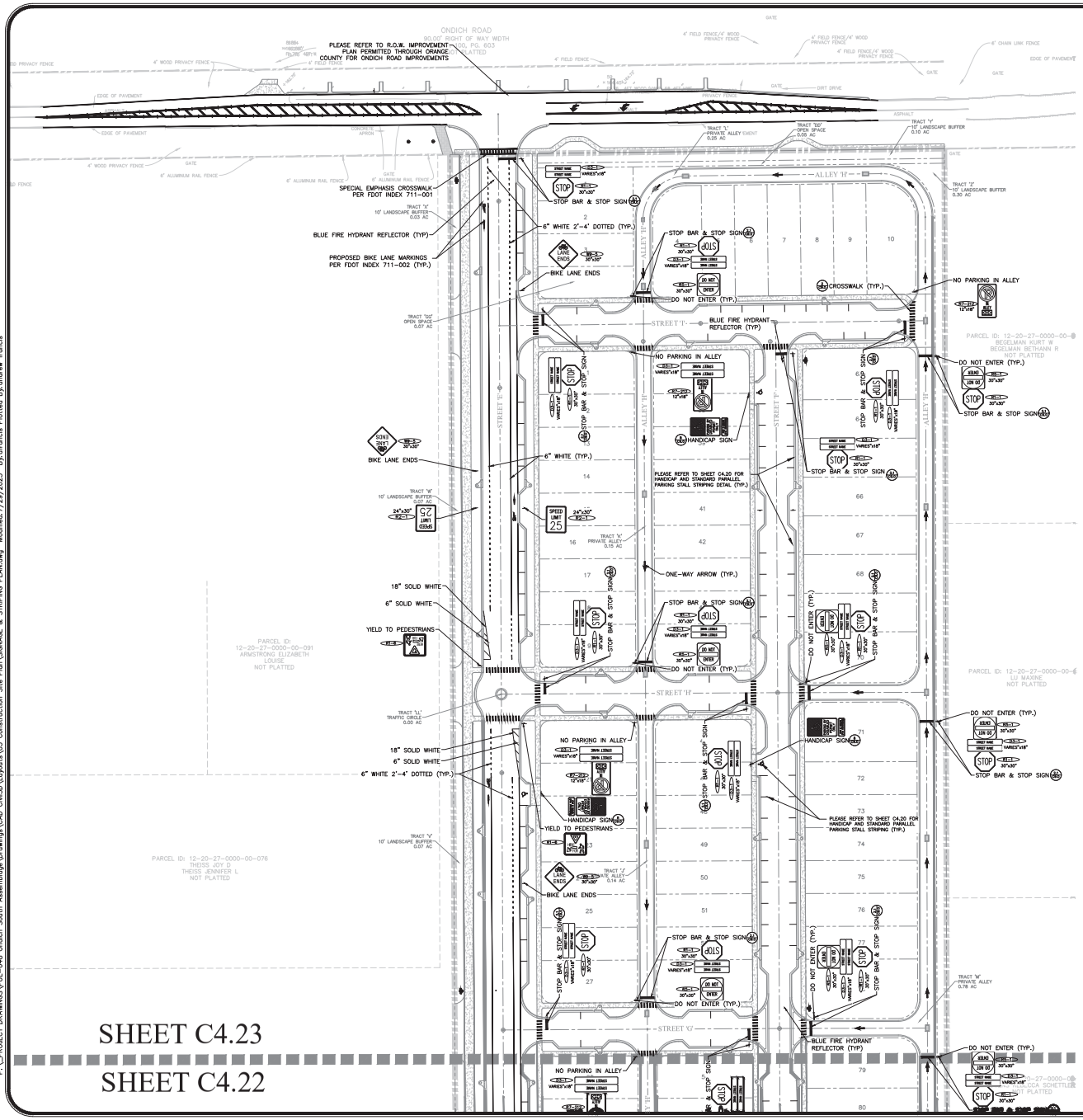
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 7/29/2025

SCALE 1" = 50'
PROJECT PUL-048
SHEET C4.21

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil30\Layouts\05 Construction Site Plan\SIGNAGE & STRIPING PLAN.dwg Modified:7/29/2025 By:afrancis Plotted By:andrew francis

SIGNAGE & STRIPING PLAN - EAST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 858-2228
BOARD OF PROFESSIONAL ENGINEERING
NO. 39060
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 7/29/2025
SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C4.22
No. 90745
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
SHEET 40 OF 158
REV DATE DESCRIPTION BY
A 08/14/25 CITY OF APOPKA COMMENTS DATED 06/30/2025 SGS
B 09/14/25 CITY OF APOPKA COMMENTS DATED 08/28/2025 SGS
C 03/07/26 SJMMD COMMENTS DATED 02/27/2026 SGS
KEY MAP
GRAPHIC SCALE
1 inch = 50 ft.
(IN FEET)
SHEET C4.23
SHEET C4.22
SHEET C4.22
SHEET C4.21
EFFIE DRIVE
PITCH APPLE DRIVE
STREET 'T'
STREET 'U'
STREET 'V'
STREET 'E'
STREET 'C'
ALLEY 'A'
ALLEY 'B'
ALLEY 'C'
ALLEY 'E'
ALLEY 'F'
ALLEY 'G'
ALLEY 'H'
ALLEY 'I'
ALLEY 'J'
BLUE FIRE HYDRANT REFLECTOR (TYP.)
STOP BAR & STOP SIGN
DO NOT ENTER (TYP.)
NO PARKING IN ALLEY
ONE-WAY ARROW (TYP.)
YIELD TO PEDESTRIANS
YIELD & ROUNDABOUT CIRCULATION SIGN
YIELD & ROUNDABOUT CIRCULATION SIGN
HANDICAP SIGN
BIKE LANE ENDS
SPEED 25
SPEED 20
SPEED 30
PROPOSED BIKE LANE MARKINGS PER FDOT INDEX 711-002 (TYP.)
6" WHITE 2'-4' DOTTED
6" WHITE (TYP.)
12" WHITE 2'-2' DOTTED EXTENSION (TYP.)
DOUBLE 6" SOLID YELLOW (TYP.)
SPECIAL EMPHASIS CROSSWALK PER FDOT INDEX 711-001
CROSSWALK (TYP.)
PLEASE REFER TO SHEET C4.00 FOR LANDSCAPE BUFFER, STREET TREE, AND PARKING STALL STRIPING (TYP.)
PLEASE REFER TO R.O.W. IMPROVEMENT PLAN PERMITTED THROUGH ORANGE COUNTY FOR EFFIE DRIVE IMPROVEMENTS
PLEASE REFER TO SHEET C4.00 FOR PARKING STALL STRIPING DETAIL (TYP.)
TRACT 'A' STORMWATER POND 3 4.26 AC
TRACT 'B' PRIVATE 0.27 AC
TRACT 'C' PRIVATE 0.27 AC
TRACT 'D' PRIVATE 0.27 AC
TRACT 'E' PRIVATE 0.27 AC
TRACT 'F' PRIVATE 0.27 AC
TRACT 'G' PRIVATE 0.27 AC
TRACT 'H' PRIVATE 0.27 AC
TRACT 'I' PRIVATE 0.27 AC
TRACT 'J' PRIVATE 0.27 AC
TRACT 'K' PRIVATE 0.27 AC
TRACT 'L' PRIVATE 0.27 AC
TRACT 'M' PRIVATE 0.27 AC
TRACT 'N' PRIVATE 0.27 AC
TRACT 'O' PRIVATE 0.27 AC
TRACT 'P' PRIVATE 0.27 AC
TRACT 'Q' PRIVATE 0.27 AC
TRACT 'R' PRIVATE 0.27 AC
TRACT 'S' PRIVATE 0.27 AC
TRACT 'T' PRIVATE 0.27 AC
TRACT 'U' PRIVATE 0.27 AC
TRACT 'V' PRIVATE 0.27 AC
TRACT 'W' PRIVATE 0.27 AC
TRACT 'X' PRIVATE 0.27 AC
TRACT 'Y' PRIVATE 0.27 AC
TRACT 'Z' PRIVATE 0.27 AC
TRACT 'AA' PRIVATE 0.27 AC
TRACT 'AB' PRIVATE 0.27 AC
TRACT 'AC' PRIVATE 0.27 AC
TRACT 'AD' PRIVATE 0.27 AC
TRACT 'AE' PRIVATE 0.27 AC
TRACT 'AF' PRIVATE 0.27 AC
TRACT 'AG' PRIVATE 0.27 AC
TRACT 'AH' PRIVATE 0.27 AC
TRACT 'AI' PRIVATE 0.27 AC
TRACT 'AJ' PRIVATE 0.27 AC
TRACT 'AK' PRIVATE 0.27 AC
TRACT 'AL' PRIVATE 0.27 AC
TRACT 'AM' PRIVATE 0.27 AC
TRACT 'AN' PRIVATE 0.27 AC
TRACT 'AO' PRIVATE 0.27 AC
TRACT 'AP' PRIVATE 0.27 AC
TRACT 'AQ' PRIVATE 0.27 AC
TRACT 'AR' PRIVATE 0.27 AC
TRACT 'AS' PRIVATE 0.27 AC
TRACT 'AT' PRIVATE 0.27 AC
TRACT 'AU' PRIVATE 0.27 AC
TRACT 'AV' PRIVATE 0.27 AC
TRACT 'AW' PRIVATE 0.27 AC
TRACT 'AX' PRIVATE 0.27 AC
TRACT 'AY' PRIVATE 0.27 AC
TRACT 'AZ' PRIVATE 0.27 AC
TRACT 'BA' PRIVATE 0.27 AC
TRACT 'BB' PRIVATE 0.27 AC
TRACT 'BC' PRIVATE 0.27 AC
TRACT 'BD' PRIVATE 0.27 AC
TRACT 'BE' PRIVATE 0.27 AC
TRACT 'BF' PRIVATE 0.27 AC
TRACT 'BG' PRIVATE 0.27 AC
TRACT 'BH' PRIVATE 0.27 AC
TRACT 'BI' PRIVATE 0.27 AC
TRACT 'BJ' PRIVATE 0.27 AC
TRACT 'BK' PRIVATE 0.27 AC
TRACT 'BL' PRIVATE 0.27 AC
TRACT 'BM' PRIVATE 0.27 AC
TRACT 'BN' PRIVATE 0.27 AC
TRACT 'BO' PRIVATE 0.27 AC
TRACT 'BP' PRIVATE 0.27 AC
TRACT 'BQ' PRIVATE 0.27 AC
TRACT 'BR' PRIVATE 0.27 AC
TRACT 'BS' PRIVATE 0.27 AC
TRACT 'BT' PRIVATE 0.27 AC
TRACT 'BU' PRIVATE 0.27 AC
TRACT 'BV' PRIVATE 0.27 AC
TRACT 'BW' PRIVATE 0.27 AC
TRACT 'BX' PRIVATE 0.27 AC
TRACT 'BY' PRIVATE 0.27 AC
TRACT 'BZ' PRIVATE 0.27 AC
TRACT 'CA' PRIVATE 0.27 AC
TRACT 'CB' PRIVATE 0.27 AC
TRACT 'CC' PRIVATE 0.27 AC
TRACT 'CD' PRIVATE 0.27 AC
TRACT 'CE' PRIVATE 0.27 AC
TRACT 'CF' PRIVATE 0.27 AC
TRACT 'CG' PRIVATE 0.27 AC
TRACT 'CH' PRIVATE 0.27 AC
TRACT 'CI' PRIVATE 0.27 AC
TRACT 'CJ' PRIVATE 0.27 AC
TRACT 'CK' PRIVATE 0.27 AC
TRACT 'CL' PRIVATE 0.27 AC
TRACT 'CM' PRIVATE 0.27 AC
TRACT 'CN' PRIVATE 0.27 AC
TRACT 'CO' PRIVATE 0.27 AC
TRACT 'CP' PRIVATE 0.27 AC
TRACT 'CQ' PRIVATE 0.27 AC
TRACT 'CR' PRIVATE 0.27 AC
TRACT 'CS' PRIVATE 0.27 AC
TRACT 'CT' PRIVATE 0.27 AC
TRACT 'CU' PRIVATE 0.27 AC
TRACT 'CV' PRIVATE 0.27 AC
TRACT 'CW' PRIVATE 0.27 AC
TRACT 'CX' PRIVATE 0.27 AC
TRACT 'CY' PRIVATE 0.27 AC
TRACT 'CZ' PRIVATE 0.27 AC
TRACT 'DA' PRIVATE 0.27 AC
TRACT 'DB' PRIVATE 0.27 AC
TRACT 'DC' PRIVATE 0.27 AC
TRACT 'DD' PRIVATE 0.27 AC
TRACT 'DE' PRIVATE 0.27 AC
TRACT 'DF' PRIVATE 0.27 AC
TRACT 'DG' PRIVATE 0.27 AC
TRACT 'DH' PRIVATE 0.27 AC
TRACT 'DI' PRIVATE 0.27 AC
TRACT 'DJ' PRIVATE 0.27 AC
TRACT 'DK' PRIVATE 0.27 AC
TRACT 'DL' PRIVATE 0.27 AC
TRACT 'DM' PRIVATE 0.27 AC
TRACT 'DN' PRIVATE 0.27 AC
TRACT 'DO' PRIVATE 0.27 AC
TRACT 'DP' PRIVATE 0.27 AC
TRACT 'DQ' PRIVATE 0.27 AC
TRACT 'DR' PRIVATE 0.27 AC
TRACT 'DS' PRIVATE 0.27 AC
TRACT 'DT' PRIVATE 0.27 AC
TRACT 'DU' PRIVATE 0.27 AC
TRACT 'DV' PRIVATE 0.27 AC
TRACT 'DW' PRIVATE 0.27 AC
TRACT 'DX' PRIVATE 0.27 AC
TRACT 'DY' PRIVATE 0.27 AC
TRACT 'DZ' PRIVATE 0.27 AC
TRACT 'EA' PRIVATE 0.27 AC
TRACT 'EB' PRIVATE 0.27 AC
TRACT 'EC' PRIVATE 0.27 AC
TRACT 'ED' PRIVATE 0.27 AC
TRACT 'EE' PRIVATE 0.27 AC
TRACT 'EF' PRIVATE 0.27 AC
TRACT 'EG' PRIVATE 0.27 AC
TRACT 'EH' PRIVATE 0.27 AC
TRACT 'EI' PRIVATE 0.27 AC
TRACT 'EJ' PRIVATE 0.27 AC
TRACT 'EK' PRIVATE 0.27 AC
TRACT 'EL' PRIVATE 0.27 AC
TRACT 'EM' PRIVATE 0.27 AC
TRACT 'EN' PRIVATE 0.27 AC
TRACT 'EO' PRIVATE 0.27 AC
TRACT 'EP' PRIVATE 0.27 AC
TRACT 'EQ' PRIVATE 0.27 AC
TRACT 'ER' PRIVATE 0.27 AC
TRACT 'ES' PRIVATE 0.27 AC
TRACT 'ET' PRIVATE 0.27 AC
TRACT 'EU' PRIVATE 0.27 AC
TRACT 'EV' PRIVATE 0.27 AC
TRACT 'EW' PRIVATE 0.27 AC
TRACT 'EX' PRIVATE 0.27 AC
TRACT 'EY' PRIVATE 0.27 AC
TRACT 'EZ' PRIVATE 0.27 AC
TRACT 'FA' PRIVATE 0.27 AC
TRACT 'FB' PRIVATE 0.27 AC
TRACT 'FC' PRIVATE 0.27 AC
TRACT 'FD' PRIVATE 0.27 AC
TRACT 'FE' PRIVATE 0.27 AC
TRACT 'FF' PRIVATE 0.27 AC
TRACT 'FG' PRIVATE 0.27 AC
TRACT 'FH' PRIVATE 0.27 AC
TRACT 'FI' PRIVATE 0.27 AC
TRACT 'FJ' PRIVATE 0.27 AC
TRACT 'FK' PRIVATE 0.27 AC
TRACT 'FL' PRIVATE 0.27 AC
TRACT 'FM' PRIVATE 0.27 AC
TRACT 'FN' PRIVATE 0.27 AC
TRACT 'FO' PRIVATE 0.27 AC
TRACT 'FP' PRIVATE 0.27 AC
TRACT 'FQ' PRIVATE 0.27 AC
TRACT 'FR' PRIVATE 0.27 AC
TRACT 'FS' PRIVATE 0.27 AC
TRACT 'FT' PRIVATE 0.27 AC
TRACT 'FU' PRIVATE 0.27 AC
TRACT 'FV' PRIVATE 0.27 AC
TRACT 'FW' PRIVATE 0.27 AC
TRACT 'FX' PRIVATE 0.27 AC
TRACT 'FY' PRIVATE 0.27 AC
TRACT 'FZ' PRIVATE 0.27 AC
TRACT 'GA' PRIVATE 0.27 AC
TRACT 'GB' PRIVATE 0.27 AC
TRACT 'GC' PRIVATE 0.27 AC
TRACT 'GD' PRIVATE 0.27 AC
TRACT 'GE' PRIVATE 0.27 AC
TRACT 'GF' PRIVATE 0.27 AC
TRACT 'GG' PRIVATE 0.27 AC
TRACT 'GH' PRIVATE 0.27 AC
TRACT 'GI' PRIVATE 0.27 AC
TRACT 'GJ' PRIVATE 0.27 AC
TRACT 'GK' PRIVATE 0.27 AC
TRACT 'GL' PRIVATE 0.27 AC
TRACT 'GM' PRIVATE 0.27 AC
TRACT 'GN' PRIVATE 0.27 AC
TRACT 'GO' PRIVATE 0.27 AC
TRACT 'GP' PRIVATE 0.27 AC
TRACT 'GQ' PRIVATE 0.27 AC
TRACT 'GR' PRIVATE 0.27 AC
TRACT 'GS' PRIVATE 0.27 AC
TRACT 'GT' PRIVATE 0.27 AC
TRACT 'GU' PRIVATE 0.27 AC
TRACT 'GV' PRIVATE 0.27 AC
TRACT 'GW' PRIVATE 0.27 AC
TRACT 'GX' PRIVATE 0.27 AC
TRACT 'GY' PRIVATE 0.27 AC
TRACT 'GZ' PRIVATE 0.27 AC
TRACT 'HA' PRIVATE 0.27 AC
TRACT 'HB' PRIVATE 0.27 AC
TRACT 'HC' PRIVATE 0.27 AC
TRACT 'HD' PRIVATE 0.27 AC
TRACT 'HE' PRIVATE 0.27 AC
TRACT 'HF' PRIVATE 0.27 AC
TRACT 'HG' PRIVATE 0.27 AC
TRACT 'HH' PRIVATE 0.27 AC
TRACT 'HI' PRIVATE 0.27 AC
TRACT 'HJ' PRIVATE 0.27 AC
TRACT 'HK' PRIVATE 0.27 AC
TRACT 'HL' PRIVATE 0.27 AC
TRACT 'HM' PRIVATE 0.27 AC
TRACT 'HN' PRIVATE 0.27 AC
TRACT 'HO' PRIVATE 0.27 AC
TRACT 'HP' PRIVATE 0.27 AC
TRACT 'HQ' PRIVATE 0.27 AC
TRACT 'HR' PRIVATE 0.27 AC
TRACT 'HS' PRIVATE 0.27 AC
TRACT 'HT' PRIVATE 0.27 AC
TRACT 'HU' PRIVATE 0.27 AC
TRACT 'HV' PRIVATE 0.27 AC
TRACT 'HW' PRIVATE 0.27 AC
TRACT 'HX' PRIVATE 0.27 AC
TRACT 'HY' PRIVATE 0.27 AC
TRACT 'HZ' PRIVATE 0.27 AC
TRACT 'IA' PRIVATE 0.27 AC
TRACT 'IB' PRIVATE 0.27 AC
TRACT 'IC' PRIVATE 0.27 AC
TRACT 'ID' PRIVATE 0.27 AC
TRACT 'IE' PRIVATE 0.27 AC
TRACT 'IF' PRIVATE 0.27 AC
TRACT 'IG' PRIVATE 0.27 AC
TRACT 'IH' PRIVATE 0.27 AC
TRACT 'II' PRIVATE 0.27 AC
TRACT 'IJ' PRIVATE 0.27 AC
TRACT 'IK' PRIVATE 0.27 AC
TRACT 'IL' PRIVATE 0.27 AC
TRACT 'IM' PRIVATE 0.27 AC
TRACT 'IN' PRIVATE 0.27 AC
TRACT 'IO' PRIVATE 0.27 AC
TRACT 'IP' PRIVATE 0.27 AC
TRACT 'IQ' PRIVATE 0.27 AC
TRACT 'IR' PRIVATE 0.27 AC
TRACT 'IS' PRIVATE 0.27 AC
TRACT 'IT' PRIVATE 0.27 AC
TRACT 'IU' PRIVATE 0.27 AC
TRACT 'IV' PRIVATE 0.27 AC
TRACT 'IW' PRIVATE 0.27 AC
TRACT 'IX' PRIVATE 0.27 AC
TRACT 'IY' PRIVATE 0.27 AC
TRACT 'IZ' PRIVATE 0.27 AC
TRACT 'JA' PRIVATE 0.27 AC
TRACT 'JB' PRIVATE 0.27 AC
TRACT 'JC' PRIVATE 0.27 AC
TRACT 'JD' PRIVATE 0.27 AC
TRACT 'JE' PRIVATE 0.27 AC
TRACT 'JF' PRIVATE 0.27 AC
TRACT 'JG' PRIVATE 0.27 AC
TRACT 'JH' PRIVATE 0.27 AC
TRACT 'JI' PRIVATE 0.27 AC
TRACT 'JJ' PRIVATE 0.27 AC
TRACT 'JK' PRIVATE 0.27 AC
TRACT 'JL' PRIVATE 0.27 AC
TRACT 'JM' PRIVATE 0.27 AC
TRACT 'JN' PRIVATE 0.27 AC
TRACT 'JO' PRIVATE 0.27 AC
TRACT 'JP' PRIVATE 0.27 AC
TRACT 'JQ' PRIVATE 0.27 AC
TRACT 'JR' PRIVATE 0.27 AC
TRACT 'JS' PRIVATE 0.27 AC
TRACT 'JT' PRIVATE 0.27 AC
TRACT 'JU' PRIVATE 0.27 AC
TRACT 'JV' PRIVATE 0.27 AC
TRACT 'JW' PRIVATE 0.27 AC
TRACT 'JX' PRIVATE 0.27 AC
TRACT 'JY' PRIVATE 0.27 AC
TRACT 'JZ' PRIVATE 0.27 AC
TRACT 'KA' PRIVATE 0.27 AC
TRACT 'KB' PRIVATE 0.27 AC
TRACT 'KC' PRIVATE 0.27 AC
TRACT 'KD' PRIVATE 0.27 AC
TRACT 'KE' PRIVATE 0.27 AC
TRACT 'KF' PRIVATE 0.27 AC
TRACT 'KG' PRIVATE 0.27 AC
TRACT 'KH' PRIVATE 0.27 AC
TRACT 'KI' PRIVATE 0.27 AC
TRACT 'KJ' PRIVATE 0.27 AC
TRACT 'KK' PRIVATE 0.27 AC
TRACT 'KL' PRIVATE 0.27 AC
TRACT 'KM' PRIVATE 0.27 AC
TRACT 'KN' PRIVATE 0.27 AC
TRACT 'KO' PRIVATE 0.27 AC
TRACT 'KP' PRIVATE 0.27 AC
TRACT 'KQ' PRIVATE 0.27 AC
TRACT 'KR' PRIVATE 0.27 AC
TRACT 'KS' PRIVATE 0.27 AC
TRACT 'KT' PRIVATE 0.27 AC
TRACT 'KU' PRIVATE 0.27 AC
TRACT 'KV' PRIVATE 0.27 AC
TRACT 'KW' PRIVATE 0.27 AC
TRACT 'KX' PRIVATE 0.27 AC
TRACT 'KY' PRIVATE 0.27 AC
TRACT 'KZ' PRIVATE 0.27 AC
TRACT 'LA' PRIVATE 0.27 AC
TRACT 'LB' PRIVATE 0.27 AC
TRACT 'LC' PRIVATE 0.27 AC
TRACT 'LD' PRIVATE 0.27 AC
TRACT 'LE' PRIVATE 0.27 AC
TRACT 'LF' PRIVATE 0.27 AC
TRACT 'LG' PRIVATE 0.27 AC
TRACT 'LH' PRIVATE 0.27 AC
TRACT 'LI' PRIVATE 0.27 AC
TRACT 'LJ' PRIVATE 0.27 AC
TRACT 'LK' PRIVATE 0.27 AC
TRACT 'LL' PRIVATE 0.27 AC
TRACT 'LM' PRIVATE 0.27 AC
TRACT 'LN' PRIVATE 0.27 AC
TRACT 'LO' PRIVATE 0.27 AC
TRACT 'LP' PRIVATE 0.27 AC
TRACT 'LQ' PRIVATE 0.27 AC
TRACT 'LR' PRIVATE 0.27 AC
TRACT 'LS' PRIVATE 0.27 AC
TRACT 'LT' PRIVATE 0.27 AC
TRACT 'LU' PRIVATE 0.27 AC
TRACT 'LV' PRIVATE 0.27 AC
TRACT 'LW' PRIVATE 0.27 AC
TRACT 'LX' PRIVATE 0.27 AC
TRACT 'LY' PRIVATE 0.27 AC
TRACT 'LZ' PRIVATE 0.27 AC
TRACT 'MA' PRIVATE 0.27 AC
TRACT 'MB' PRIVATE 0.27 AC
TRACT 'MC' PRIVATE 0.27 AC
TRACT 'MD' PRIVATE 0.27 AC
TRACT 'ME' PRIVATE 0.27 AC
TRACT 'MF' PRIVATE 0.27 AC
TRACT 'MG' PRIVATE 0.27 AC
TRACT 'MH' PRIVATE 0.27 AC
TRACT 'MI' PRIVATE 0.27 AC
TRACT 'MJ' PRIVATE 0.27 AC
TRACT 'MK' PRIVATE 0.27 AC
TRACT 'ML' PRIVATE 0.27 AC
TRACT 'MM' PRIVATE 0.27 AC
TRACT 'MN' PRIVATE 0.27 AC
TRACT 'MO' PRIVATE 0.27 AC
TRACT 'MP' PRIVATE 0.27 AC
TRACT 'MQ' PRIVATE 0.27 AC
TRACT 'MR' PRIVATE 0.27 AC
TRACT 'MS' PRIVATE 0.27 AC
TRACT 'MT' PRIVATE 0.27 AC
TRACT 'MU' PRIVATE 0.27 AC
TRACT 'MV' PRIVATE 0.27 AC
TRACT 'MW' PRIVATE 0.27 AC
TRACT 'MX' PRIVATE 0.27 AC
TRACT 'MY' PRIVATE 0.27 AC
TRACT 'MZ' PRIVATE 0.27 AC
TRACT 'NA' PRIVATE 0.27 AC
TRACT 'NB' PRIVATE 0.27 AC
TRACT 'NC' PRIVATE 0.27 AC
TRACT 'ND' PRIVATE 0.27 AC
TRACT 'NE' PRIVATE 0.27 AC
TRACT 'NF' PRIVATE 0.27 AC
TRACT 'NG' PRIVATE 0.27 AC
TRACT 'NH' PRIVATE 0.27 AC
TRACT 'NI' PRIVATE 0.27 AC
TRACT 'NJ' PRIVATE 0.27 AC
TRACT 'NK' PRIVATE 0.27 AC
TRACT 'NL' PRIVATE 0.27 AC
TRACT 'NM' PRIVATE 0.27 AC
TRACT 'NN' PRIVATE 0.27 AC
TRACT 'NO' PRIVATE 0.27 AC
TRACT 'NP' PRIVATE 0.27 AC
TRACT 'NQ' PRIVATE 0.27 AC
TRACT 'NR' PRIVATE 0.27 AC
TRACT 'NS' PRIVATE 0.27 AC
TRACT 'NT' PRIVATE 0.27 AC
TRACT 'NU' PRIVATE 0.27 AC
TRACT 'NV' PRIVATE 0.27 AC
TRACT 'NW' PRIVATE 0.27 AC
TRACT 'NX' PRIVATE 0.27 AC
TRACT 'NY' PRIVATE 0.27 AC
TRACT 'NZ' PRIVATE 0.27 AC
TRACT 'OA' PRIVATE 0.27 AC
TRACT 'OB' PRIVATE 0.27 AC
TRACT 'OC' PRIVATE 0.27 AC
TRACT 'OD' PRIVATE 0.27 AC
TRACT 'OE' PRIVATE 0.27 AC
TRACT 'OF' PRIVATE 0.27 AC
TRACT 'OG' PRIVATE 0.27 AC
TRACT 'OH' PRIVATE 0.27 AC
TRACT 'OI' PRIVATE 0.27 AC
TRACT 'OJ' PRIVATE 0.27 AC
TRACT 'OK' PRIVATE 0.27 AC
TRACT 'OL' PRIVATE 0.27 AC
TRACT 'OM' PRIVATE 0.27 AC
TRACT 'ON' PRIVATE 0.27 AC
TRACT 'OO' PRIVATE 0.27 AC
TRACT 'OP' PRIVATE 0.27 AC
TRACT 'OQ' PRIVATE 0.27 AC
TRACT 'OR' PRIVATE 0.27 AC
TRACT 'OS' PRIVATE 0.27 AC
TRACT 'OT' PRIVATE 0.27 AC
TRACT 'OU' PRIVATE 0.27 AC
TRACT 'OV' PRIVATE 0.27 AC
TRACT 'OW' PRIVATE 0.27 AC
TRACT 'OX' PRIVATE 0.27 AC
TRACT 'OY' PRIVATE 0.27 AC
TRACT 'OZ' PRIVATE 0.27 AC
TRACT 'PA' PRIVATE 0.27 AC
TRACT 'PB' PRIVATE 0.27 AC
TRACT 'PC' PRIVATE 0.27 AC
TRACT 'PD' PRIVATE 0.27 AC
TRACT 'PE' PRIVATE 0.27 AC
TRACT 'PF' PRIVATE 0.27 AC
TRACT 'PG' PRIVATE 0.27 AC
TRACT 'PH' PRIVATE 0.27 AC
TRACT 'PI' PRIVATE 0.27 AC
TRACT 'PJ' PRIVATE 0.27 AC
TRACT 'PK' PRIVATE 0.27 AC
TRACT 'PL' PRIVATE 0.27 AC
TRACT 'PM' PRIVATE 0.27 AC
TRACT 'PN' PRIVATE 0.27 AC
TRACT 'PO' PRIVATE 0.27 AC
TRACT 'PP' PRIVATE 0.27 AC
TRACT 'PQ' PRIVATE 0.27 AC
TRACT 'PR' PRIVATE 0.27 AC
TRACT 'PS' PRIVATE 0.27 AC
TRACT 'PT' PRIVATE 0.27 AC
TRACT 'PU' PRIVATE 0.27 AC
TRACT 'PV' PRIVATE 0.27 AC
TRACT 'PW' PRIVATE 0.27 AC
TRACT 'PX' PRIVATE 0.27 AC
TRACT 'PY' PRIVATE 0.27 AC
TRACT 'PZ' PRIVATE 0.27 AC
TRACT 'QA' PRIVATE 0.27 AC
TRACT 'QB' PRIVATE 0.27 AC
TRACT 'QC' PRIVATE 0.27 AC
TRACT 'QD' PRIVATE 0.27 AC
TRACT 'QE' PRIVATE 0.27 AC
TRACT 'QF' PRIVATE 0.27 AC
TRACT 'QG' PRIVATE 0.27 AC
TRACT 'QH' PRIVATE 0.27 AC
TRACT 'QI' PRIVATE 0.27 AC
TRACT 'QJ' PRIVATE 0.27 AC
TRACT 'QK' PRIVATE 0.27 AC
TRACT 'QL' PRIVATE 0.27 AC
TRACT 'QM' PRIVATE 0.27 AC
TRACT 'QN' PRIVATE 0.27 AC
TRACT 'QO' PRIVATE 0.27 AC
TRACT 'QP' PRIVATE 0.27 AC
TRACT 'QQ' PRIVATE 0.27 AC
TRACT 'QR' PRIVATE 0.27 AC
TRACT 'QS' PRIVATE 0.27 AC
TRACT 'QT' PRIVATE 0.27 AC
TRACT 'QU' PRIVATE 0.27 AC
TRACT 'QV' PRIVATE 0.27 AC
TRACT 'QW' PRIVATE 0.27 AC
TRACT 'QX' PRIVATE 0.27 AC
TRACT 'QY' PRIVATE 0.27 AC
TRACT 'QZ' PRIVATE 0.27 AC
TRACT 'RA' PRIVATE 0.27 AC
TRACT 'RB' PRIVATE 0.27 AC
TRACT 'RC' PRIVATE 0.27 AC
TRACT 'RD' PRIVATE 0.27 AC
TRACT 'RE' PRIVATE 0.27 AC
TRACT 'RF' PRIVATE 0.27 AC
TRACT 'RG' PRIVATE 0.27 AC
TRACT 'RH' PRIVATE 0.27 AC
TRACT 'RI' PRIVATE 0.27 AC
TRACT 'RJ' PRIVATE 0.27 AC
TRACT 'RK' PRIVATE 0.27 AC
TRACT 'RL' PRIVATE 0.27 AC
TRACT 'RM' PRIVATE 0.27 AC
TRACT 'RN' PRIVATE 0.27 AC
TRACT 'RO' PRIVATE 0.27 AC
TRACT 'RP' PRIVATE 0.27 AC
TRACT 'RQ' PRIVATE 0.27 AC
TRACT 'RR' PRIVATE 0.27 AC
TRACT 'RS' PRIVATE 0.27 AC
TRACT 'RT' PRIVATE 0.27 AC
TRACT 'RU' PRIVATE 0.27 AC
TRACT 'RV' PRIVATE 0.27 AC
TRACT 'RW' PRIVATE 0.27 AC
TRACT 'RX' PRIVATE 0.27 AC
TRACT 'RY' PRIVATE 0.27 AC
TRACT 'RZ' PRIVATE 0.27 AC
TRACT 'SA' PRIVATE 0.27 AC
TRACT 'SB' PRIVATE 0.27 AC
TRACT 'SC' PRIVATE 0.27 AC
TRACT 'SD' PRIVATE 0.27 AC
TRACT 'SE' PRIVATE 0.27 AC
TRACT 'SF' PRIVATE 0.27 AC
TRACT 'SG' PRIVATE 0.27 AC
TRACT 'SH' PRIVATE 0.27 AC
TRACT 'SI' PRIVATE 0.27 AC
TRACT 'SJ' PRIVATE 0.27 AC
TRACT 'SK' PRIVATE 0.27 AC
TRACT 'SL' PRIVATE 0.27 AC
TRACT 'SM' PRIVATE 0.27 AC
TRACT 'SN' PRIVATE 0.27 AC
TRACT 'SO' PRIVATE 0.27 AC
TRACT 'SP' PRIVATE 0.27 AC
TRACT 'SQ' PRIVATE 0.27 AC
TRACT 'SR' PRIVATE 0.27 AC
TRACT 'SS' PRIVATE 0.27 AC
TRACT 'ST' PRIVATE 0.27 AC
TRACT 'SU' PRIVATE 0.27 AC
TRACT 'SV' PRIVATE 0.27 AC
TRACT 'SW' PRIVATE 0.27 AC
TRACT 'SX' PRIVATE 0.27 AC
TRACT 'SY' PRIVATE 0.27 AC
TRACT 'SZ' PRIVATE 0.27 AC
TRACT 'TA' PRIVATE 0.27 AC
TRACT 'TB' PRIVATE 0.27 AC
TRACT 'TC' PRIVATE 0.27 AC
TRACT 'TD' PRIVATE 0.27 AC
TRACT 'TE' PRIVATE 0.27 AC
TRACT 'TF' PRIVATE 0.27 AC
TRACT 'TG' PRIVATE 0.27 AC
TRACT 'TH' PRIVATE 0.27 AC
TRACT 'TI' PRIVATE 0.27 AC
TRACT 'TJ' PRIVATE 0.27 AC
TRACT 'TK' PRIVATE 0.27 AC
TRACT 'TL' PRIVATE 0.27 AC
TRACT 'TM' PRIVATE 0.27 AC
TRACT 'TN' PRIVATE 0.27 AC
TRACT 'TO' PRIVATE 0.27 AC
TRACT 'TP' PRIVATE 0.27 AC
TRACT 'TQ' PRIVATE 0.27 AC
TRACT 'TR' PRIVATE 0.27 AC
TRACT 'TS' PRIVATE 0.27 AC
TRACT 'TT' PRIVATE 0.27 AC
TRACT 'TU' PRIVATE 0.27 AC
TRACT 'TV' PRIVATE 0.27 AC
TRACT 'TW' PRIVATE 0.27 AC
TRACT 'TX' PRIVATE 0.27 AC
TRACT 'TY' PRIVATE 0.27 AC
TRACT 'TZ' PRIVATE 0.27 AC
TRACT 'UA' PRIVATE 0.27 AC
TRACT 'UB' PRIVATE 0.27 AC
TRACT 'UC' PRIVATE 0.27 AC
TRACT 'UD' PRIVATE 0.27 AC
TRACT 'UE' PRIVATE 0.27 AC
TRACT 'UF' PRIVATE 0.27 AC
TRACT 'UG' PRIVATE 0.27 AC
TRACT 'UH' PRIVATE 0.27 AC
TRACT 'UI' PRIVATE 0.27 AC
TRACT 'UJ' PRIVATE 0.27 AC
TRACT 'UK' PRIVATE 0.27 AC
TRACT 'UL' PRIVATE 0.27 AC
TRACT 'UM' PRIVATE 0.27 AC
TRACT 'UN' PRIVATE 0.27 AC
TRACT 'UO' PRIVATE 0.27 AC
TRACT 'UP' PRIVATE 0.27 AC
TRACT 'UQ' PRIVATE 0.27 AC
TRACT 'UR' PRIVATE 0.27 AC
TRACT 'US' PRIVATE 0.27 AC
TRACT 'UT' PRIVATE 0.27 AC
TRACT 'UU' PRIVATE 0.27 AC
TRACT 'UV' PRIVATE 0.27 AC
TRACT 'UW' PRIVATE 0.27 AC
TRACT 'UX' PRIVATE 0.27 AC
TRACT 'UY' PRIVATE 0.27 AC
TRACT 'UZ' PRIVATE 0.27 AC
TRACT 'VA' PRIVATE 0.27 AC
TRACT 'VB' PRIVATE 0.27 AC
TRACT 'VC' PRIVATE 0.27 AC
TRACT 'VD' PRIVATE 0.27 AC
TRACT 'VE' PRIVATE 0.27 AC
TRACT 'VF' PRIVATE 0.27 AC
TRACT 'VG' PRIVATE 0.27 AC
TRACT 'VH' PRIVATE 0.27 AC
TRACT 'VI' PRIVATE 0.27 AC
TRACT 'VJ' PRIVATE 0.27 AC
TRACT 'VK' PRIVATE 0.27 AC
TRACT 'VL' PRIVATE 0.27 AC
TRACT 'VM' PRIVATE 0.27 AC
TRACT 'VN' PRIVATE 0.27 AC
TRACT 'VO' PRIVATE 0.27 AC
TRACT 'VP' PRIVATE 0.27 AC
TRACT 'VQ' PRIVATE 0.27 AC
TRACT 'VR' PRIVATE 0.27 AC
TRACT 'VS' PRIVATE 0.27 AC
TRACT 'VT' PRIVATE 0.27 AC
TRACT 'VU' PRIVATE 0.27 AC
TRACT 'VV' PRIVATE 0.27 AC
TRACT 'VW' PRIVATE 0.27 AC
TRACT 'VX' PRIVATE 0.27 AC
TRACT 'VY' PRIVATE 0.27 AC
TRACT 'VZ' PRIVATE 0.27 AC
TRACT 'WA' PRIVATE 0.27 AC
TRACT 'WB' PRIVATE 0.27 AC
TRACT 'WC' PRIVATE 0.27 AC
TRACT 'WD' PRIVATE 0.27 AC
TRACT 'WE' PRIVATE 0.27 AC
TRACT 'WF' PRIVATE 0.27 AC
TRACT 'WG' PRIVATE 0.27 AC
TRACT 'WH' PRIVATE 0.27 AC
TRACT 'WI' PRIVATE 0.27 AC
TRACT 'WJ' PRIVATE 0.27 AC
TRACT 'WK' PRIVATE 0.27 AC
TRACT 'WL' PRIVATE 0.27 AC
TRACT 'WM' PRIVATE 0.27 AC
TRACT 'WN' PRIVATE 0.27 AC
TRACT 'WO' PRIVATE 0.27 AC
TRACT 'WP' PRIVATE 0.27 AC
TRACT 'WQ' PRIVATE 0.27 AC
TRACT 'WR' PRIVATE 0.27 AC
TRACT 'WS' PRIVATE 0.27 AC
TRACT 'WT' PRIVATE 0.27 AC
TRACT 'WU' PRIVATE 0.27 AC
TRACT 'WV' PRIVATE 0.27 AC
TRACT 'WW' PRIVATE 0.27 AC
TRACT 'WX' PRIVATE 0.27 AC
TRACT 'WY' PRIVATE 0.27 AC
TRACT 'WZ' PRIVATE 0.27 AC
TRACT 'XA' PRIVATE 0.27 AC
TRACT 'XB' PRIVATE 0.27 AC
TRACT 'XC' PRIVATE 0.27 AC
TRACT 'XD' PRIVATE 0.27 AC
TRACT 'XE' PRIVATE 0.27 AC
TRACT 'XF' PRIVATE 0.27 AC
TRACT 'XG' PRIVATE 0.27 AC
TRACT 'XH' PRIVATE 0.27 AC
TRACT 'XI' PRIVATE 0.27 AC
TRACT 'XJ' PRIVATE 0.27 AC
TRACT 'XK' PRIVATE 0.27 AC
TRACT 'XL' PRIVATE 0.27 AC
TRACT 'XM' PRIVATE 0.27 AC
TRACT 'XN' PRIVATE 0.27 AC
TRACT 'XO' PRIVATE



SHEET C4.23

SHEET C4.22

N
W
E
S

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

KEY MAP

NO.	DATE	DESCRIPTION	BY
6	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
5	04/28/2025	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
4	03/07/25	SJR/MBO COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

SIGNAGE & STRIPING PLAN - NORTH
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 7/29/2025

SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C4.23

CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET 41 OF 158

PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\SIGNAGE & STRIPING PLAN.dwg Modified:7/29/2025 By:afrancis Plotted By:andrew francis

GENERAL UTILITY NOTES:

1. BACTERIOLOGICAL TESTS WITH CHLORINE RESIDUALS INDICATED (TAKEN ON TWO CONSECUTIVE DAYS) SHALL BE CONDUCTED AT EACH POTABLE WATER METER FOR EVERY BUILDING, AT EVERY WET-TAP CONNECTION AND EVERY LOCATION INDICATED WITHIN THESE PLANS. RESULTS OF THE BACTERIOLOGICAL TESTS SHALL BE PROVIDED TO THE ENGINEER OF RECORD IMMEDIATELY UPON COMPLETION. BACTERIOLOGICAL TEST RESULTS SHALL BE CONSIDERED UNACCEPTABLE IF THE TESTS WERE COMPLETED MORE THAN 30 DAYS BEFORE THE ENGINEER RECEIVED THE RESULTS. SP#

2. POTABLE WATER, RECLAIMED WATER AND FORCEMAIN LINES TO BE INSTALLED AT 3' MINIMUM COVER UNLESS OTHERWISE NOTED.

3. ALL WATERMAINS AND FIRELINES PIPES SHALL BE RESTRAINED VIA MECHANICAL JOINTS.

4. WATER MAIN PVC PIPES LESS THAN 4 INCHES MUST CONFORM TO THE SPECIFICATIONS OF ASTM 1785 (SCHEDULE 40, 80, 120) OR ASTM 2241 SDR21 AND MUST BEAR THE NSF LOGO ON EACH INSTALLED LENGTH.

5. UNDERGROUND MARKING TAPE FOR ALL SANITARY FORCEMAINS SHALL BE INSTALLED 4 TO 8 INCHES BELOW THE FINISHED GRADE SURFACE DIRECTLY OVER THE PIPELINE. MARKER TAPE SHALL BE MADE OF AN INERT POLYETHYLENE MATERIAL HAVING A MINIMUM THICKNESS OF 4 MILS AND BE COLOR CODED "SAFETY GREEN".

6. CONTRACTOR SHALL CONDUCT AND PROVIDE RESULTS IMMEDIATELY TO THE ENGINEER OF RECORD FOR PRESSURE AND LEAKAGE TESTS ON THE FORCE MAIN TRUNK LINE ONCE THE PRESSURE SEWER HAS BEEN INSTALLED AND PARTLY BACKFILLED. FINAL BACKFILL AND COMPACTION SHALL NOT COMMENCE UNTIL APPROVAL OF THE PRESSURE AND LEAKAGE TESTS HAS BEEN PROVIDED BY THE ENGINEER OF RECORD.

7. FOLLOWING SATISFACTORY PRESSURE TEST RESULTS, THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE WATER DISTRIBUTION SYSTEM, AND RECEIVE APPROVAL THEREOF FROM APPROPRIATE AGENCIES PRIOR TO PLACING THE SYSTEM INTO SERVICE.

8. FIRE HYDRANTS SHALL BE PLACED A MINIMUM OF 3 FT. AND A MAXIMUM OF 5 FT. FROM THE CURB OR PAVED ROAD SURFACE UNLESS OTHERWISE APPROVED. NO FENCE, TREE, POST, SHRUB, OR OTHER OBJECT WHICH COULD BLOCK THE HYDRANT FROM NORMAL VIEW OR OBSTRUCT THE HYDRANT'S USE SHALL BE LOCATED WITHIN FOUR (4) FEET OF THE HYDRANT. THE FOUR-AND-ONE-HALF INCH (4-1/2") LARGE VOLUME CONNECTION SHALL FACE THE NEAREST ROADWAY. THE CENTER OF THE STEAMER PORT SHALL BE 18 INCHES MINIMUM AND 24 INCHES MAXIMUM ABOVE FINISHED GRADE.

9. ALL FIRE HYDRANT LEADS SHALL HAVE AN INSIDE DIAMETER OF AT LEAST SIX INCHES AND INCLUDE AUXILARY VALVES.

10. WHEN NECESSARY, DEWATERING SHALL BE PROVIDED TO KEEP THE GROUNDWATER ELEVATION A MINIMUM OF 6 INCHES BELOW MAIN BEING LAID.

11. ALL UTILITIES SHALL BE LAID ON A FIRM FOUNDATION WITH ALL UNSUITABLE MATERIAL (MUCK, ROCK, COQUINA, ETC.) REMOVED AND REPLACED WITH CLEAN GRANULAR MATERIAL.

12. TRENCHES SHALL BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE UTILITY PROVIDER WITH A MINIMUM COMPACTION OF 98% IN PAVED AREAS AND 95% IN UNPAVED AREAS IN ACCORDANCE WITH AASHTO T-180 MODIFIED PROCTOR TEST.

13. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT TRENCH COMPACTION TESTS BE PROVIDED AT POINTS 12 INCHES ABOVE THE PIPE AND AT 12 INCHES VERTICAL INTERVALS TO FINISH GRADE, AT A MINIMUM SPACING OF EVERY 300' FEET.

14. ALL WATER SERVICE ENDINGS SHALL BE MARKED WITH A 2" X 4" LUMBER (PRESSURE TREATED) EXTENDING 4 FEET ABOVE GRADE, WITH WATER SERVICES SECURED 12" MAXIMUM ABOVE THE GROUND.

15. ALL WATER VALVES, INCLUDING CONCRETE COLLAR (WITH DEBRIS CAP), SHALL BE ADJUSTED TO FINISHED GRADE AND THE VALVE BOX LID, PAINTED BLUE TO MAKE THEM PLAINLY VISIBLE.

16. UPON FINAL ACCEPTANCE OF NEW WATER SYSTEMS, WATER VALVES SHALL BE COMPLETELY OPENED BY PUBLIC UTILITIES PERSONNEL. AT NO TIME SHALL CONTRACTOR OPERATE ANY EXISTING VALVES WITHOUT CITY OF APOPKA INSPECTOR PRESENT.

17. ALL WATER MAINS SHALL BE NSF-APPROVED FOR POTABLE WATER USE.

18. PIPE USED IN WATER DISTRIBUTION SYSTEMS SHALL BE EITHER POLYVINYL CHLORIDE (PVC), OR DUCTILE IRON PIPE (DIP).

    (a) ALL PVC PIPE OF NOMINAL DIAMETER FOUR (4) INCHES THROUGH TWELVE (12) INCHES SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C900, LATEST EDITION. THE PVC PIPE SHALL HAVE A MINIMUM WORKING PRESSURE RATING OF 150PSI AND SHALL HAVE A DIMENSION RATIO (DR) OF 18.
    (b) ALL DUCTILE IRON PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH ANSI/AWWA A21.51/C151 AND HAVE A MINIMUM 350 PRESSURE CLASS RATING

19. PIPE USED IN GRAVITY SEWER CONSTRUCTION SHALL BE POLYVINYL CHLORIDE (PVC) OR DUCTILE IRON PIPE (DIP). WHERE REFERENCE IS MADE TO AN ASTM, ANSI, OR AASHTO DESIGNATION, IT SHALL BE THE LATEST REVISION.

    (a) PVC GRAVITY SEWER PIPE (4 INCH – 15 INCH), ASTM D3034, SDR 35 – UNIFORM MINIMUM "PIPE STIFFNESS" AT FIVE (5) PERCENT DEFLECTION SHALL BE 46PSI. THE JOINTS SHALL BE INTEGRAL BELL ELASTOMERIC GASKET JOINTS MANUFACTURED IN ACCORDANCE WITH ASTM D3212 AND ASTM F477. APPLICABLE UNI-BELL PLASTIC PIPE ASSOCIATION STANDARD IS UNI-B-4. ALL PVC PIPE SHALL BEAR THE NSF-DW SEAL AND BE GREEN IN OVERALL COLOR. THE MINIMUM STANDARD LENGTH OF PIPE SHALL BE THIRTEEN (13) FEET.
    (b) DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA A21.51/C151, CLASS THICKNESS DESIGNED PER ANSI/AWWA A21.50/C150, 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 REQUIRED BY THE UTILITY PROVIDER BASED ON GEOTECHNICAL INVESTIGATIONS, SHALL BE WRAPPED WITH POLYETHYLENE FILM, AWWA C105. SEE APPENDIX C. THE MINIMUM STANDARD LENGTH OF PIPE SHALL BE EIGHTEEN (18) FEET.

20. ALL EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR AT ALL POINTS OF CONNECTION TO AND AT ALL AREAS OF CONFLICT WITH EXISTING MAINS.

21. ALL UTILITIES (INCLUDING PUMP STATION IF APPLICABLE) LOCATED OUTSIDE PUBLIC RIGHT-OF-WAYS AND PUBLIC EASEMENTS SHALL BE PRIVATELY OWNED AND MAINTAINED.

WATER SYSTEM TESTING REQUIREMENTS:

1. THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTING OF ALL WATER DISTRIBUTION SYSTEMS, AS SET FORTH IN THE FOLLOWING AND SHALL CONDUCT SAID TESTS IN THE PRESENCE OF REPRESENTATIVES FROM CITY OF APOPKA AND/OR OTHER AUTHORIZED AGENCIES. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCED NOTICE PRIOR TO TESTING OF THE WATER DISTRIBUTION SYSTEM.

2. ALL TESTING REQUIRED BY CITY OF APOPKA SHALL BE PAID FOR BY THE DEVELOPER / CONTRACTOR.

3. ALL PROPOSED WATER MAINS SHALL BE TESTED AND CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.

4. PRIOR TO HYDROSTATIC TESTING A PRELIMINARY FLUSHING SHALL BE REQUIRED THROUGH FULL DIAMETER FLUSHING OR SWABBING. PRELIMINARY FLUSHING/SWABBING SHALL BE PERFORMED PER AWWA C651 STANDARD – "DISINFECTING WATER MAINS". ALL PIPING SHALL BE THOROUGHLY CLEANED AND FLUSHED PRIOR TO TESTING TO CLEAR THE LINES OF ALL FOREIGN MATTER. WHILE THE PIPING IS BEING FILLED WITH WATER, CARE SHALL BE EXERCISED TO PERMIT THE ESCAPE OF AIR FROM EXTREMITIES ALONG THE TEST SECTION.

5. HYDROSTATIC TESTING SHALL CONSIST OF PRESSURE TEST AND LEAKAGE TEST. PIPING AND APPURTENANCES TO BE TESTED SHALL BE WITHIN SECTIONS BETWEEN VALVES, NOT EXCEEDING 2,000 FEET, UNLESS ALTERNATE METHODS HAVE RECEIVED PRIOR APPROVAL FROM CITY OF APOPKA. TESTING SHALL NOT PROCEED UNTIL CONCRETE THRUST BLOCKS ARE IN PLACE AND CURED, OR OTHER RESTRAINING DEVICES INSTALLED.

6. HYDROSTATIC TESTING SHALL BE PERFORMED AT 150 POUNDS PER SQUARE INCH PRESSURE, UNLESS OTHERWISE APPROVED BY CITY OF APOPKA, FOR A PERIOD OF NOT LESS THAN TWO (2) HOURS.

7. THE ALLOWABLE RATE OF LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR DETERMINED BY THE FOLLOWING FORMULA:

$$L = \frac{SD\sqrt{P}}{148{,}000}$$

WHERE:
L = ALLOWABLE LEAKAGE, IN GALLONS PER HOUR
S = LENGTH OF PIPE TESTED, IN FEET
D = NOMINAL DIAMETER OF PIPE, IN INCHES
P = AVERAGE TEST PRESSURE DURING THE LEAKAGE TEST, IN POUNDS PER SQUARE INCH (GAUGE)

8. SHOULD THE TEST FAIL, NECESSARY REPAIRS SHALL BE ACCOMPLISHED BY THE CONTRACTOR AND THE TEST REPEATED UNTIL WITHIN PASSING LIMITS. THE CONTRACTOR SHALL FURNISH ALL THE NECESSARY LABOR, PUMPS, GAUGES AND ALL OTHER ITEMS NECESSARY TO CONDUCT THE REQUIRED WATER DISTRIBUTION SYSTEM TESTING AND PERFORM NECESSARY REPAIRS.

SEWER SYSTEM TESTING REQUIREMENTS:

1. THE CONTRACTOR SHALL PERFORM TESTING OF ALL SANITARY SEWAGE GRAVITY COLLECTION SYSTEMS, AS SET FORTH IN THE FOLLOWING AND SHALL CONDUCT SAID TESTS IN THE PRESENCE OF REPRESENTATIVES FROM CITY OF APOPKA AND/OR OTHER AUTHORIZED AGENCIES. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCED NOTICE PRIOR TO TESTING OF THE WASTEWATER DISTRIBUTION SYSTEM.

2. ALL TESTING REQUIRED BY CITY OF APOPKA SHALL BE PAID FOR BY THE DEVELOPER / CONTRACTOR.

3. GRAVITY MAINS SHALL BE INSPECTED WITH CCTV FOR ALIGNMENT, GRADE VARIATIONS, SEPARATED PIPES, LEAKS, DEFLECTION, CRACKED, BROKEN OR OTHERWISE DEFECTIVE PIPE TO ENSURE OVERALL PIPE INTEGRITY. THE APPROVED CCTV INSPECTION CONTRACTOR SHALL SUBMIT THE REPORT TO THE UTILITIES DEPARTMENT AS REQUIRED.

4. LEAKAGE TESTING FOR GRAVITY MAINS SHALL BE BY LOW-PRESSURE AIR TEST. LEAKAGE TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURE FOR "RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OF INSTALLED SEWER PIPE" AS ESTABLISHED BY THE UNI-BELL PVC PIPE ASSOCIATION.

5. EACH GRAVITY MAIN LEAKAGE TEST SECTION SHALL NOT EXCEED 400 FEET IN LENGTH AND SHALL BE TESTED BETWEEN ADJACENT MANHOLES.

P:_PROJECT DRAWINGS\PUL-001 – Lake Marshall Residential Development\5.0 Drawings\05civil\Layouts\04 FINAL DEVELOPMENT PLAN – PHASE 1\Attachments\apopkalines_diagram.tif

FDEP UTILITY CONSTRUCTION NOTES:

1. NOTE TO THE UTILITY: PURSUANT TO F.A.C. RULE 62-555.345; DO NOT PROVIDE WATER SERVICE TO THIS PROJECT (OTHER THAN FLUSHING/TESTING) UNTIL THE DEPARTMENT OF ENVIRONMENTAL PROTECTION HAS ISSUED A LETTER OF CLEARANCE OR THE UTILITY SHALL BE SUBJECT TO ENFORCEMENT ACTION.

2. THE PERMITTEE WILL PROMPTLY NOTIFY THE DEPARTMENT UPON SALE OR LEGAL TRANSFER OF THE PERMITTED FACILITY

3. ALL WATER MAINS AND APPURTENANCES SHALL BE DISINFECTED AND BACTERIOLOGICALLY EVALUATED IN ACCORDANCE WITH F.A.C. RULE 62-555.340.

4. ALL WATER MAIN PIPE, INCLUDING FITTINGS SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE SOLID-WALL BLUE PIPE, SHALL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPES WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE.

FDEP UTILITY SEPARATION REQUIREMENTS

(F.A.C. 62-555.314 LOCATION OF PUBLIC WATER SYSTEM MAINS)

FOR THE PURPOSE OF THIS SECTION, THE PHRASE "WATER MAINS" SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRINKING WATER; FIRE HYDRANT LEADS; AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

    (a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THEOUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
    (b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
    (c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
    (d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

    (a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
    (b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
    (c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(3) SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES.

    (a) NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A SANITARY SEWER MANHOLE.
    (b) EFFECTIVE AUGUST 28, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE.

(4) SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS. NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER; AT LEAST SIX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN F.S. SECTION 381.0065(2), AND F.A.C. RULE 64E-6.002.

#	DATE	DESCRIPTION	BY
4	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	08/14/25	CITY OF APOPKA COMMENTS DATED 08/14/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

UTILITY NOTES
CONSTRUCTION SITE PLAN

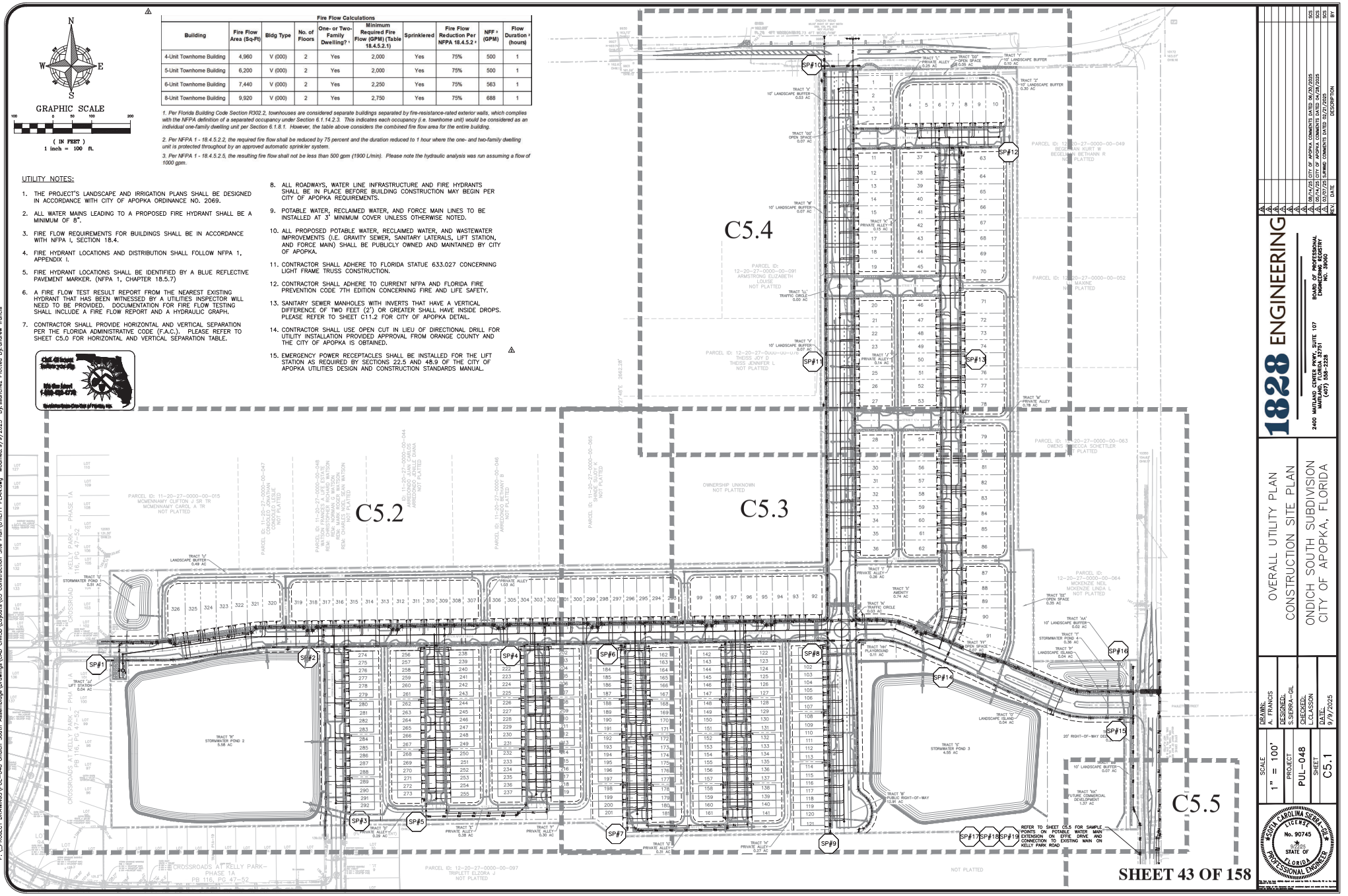
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/2/2025

SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C5.0

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 42 OF 158



Fire Flow Calculations

Building	Fire Flow Area (Sq-Ft)	Bldg Type	No. of Floors	One- or Two-Family Dwelling? [1]	Minimum Required Fire Flow (GPM) (Table 18.4.5.2.1)	Sprinklered	Fire Flow Reduction Per NFPA 18.4.5.2 [2]	NFF [3] (GPM)	Flow Duration [3] (hours)
4-Unit Townhome Building	4,960	V (000)	2	Yes	2,000	Yes	75%	500	1
5-Unit Townhome Building	6,200	V (000)	2	Yes	2,000	Yes	75%	500	1
6-Unit Townhome Building	7,440	V (000)	2	Yes	2,250	Yes	75%	563	1
8-Unit Townhome Building	9,920	V (000)	2	Yes	2,750	Yes	75%	688	1

1. Per Florida Building Code Section R302.2, townhouses are considered separate buildings separated by fire-resistance-rated exterior walls, which complies with the NFPA definition of a separated occupancy under Section 6.1.14.2.3. This indicates each occupancy (i.e. townhome unit) would be considered as an individual one-family dwelling unit per Section 6.1.8.1. However, the table above considers the combined fire flow area for the entire building.

2. Per NFPA 1 - 18.4.5.2.2, the required fire flow shall be reduced by 75 percent and the duration reduced to 1 hour where the one- and two-family dwelling unit is protected throughout by an approved automatic sprinkler system.

3. Per NFPA 1 - 18.4.5.2.5, the resulting fire flow shall not be less than 500 gpm (1900 L/min). Please note the hydraulic analysis was run assuming a flow of 1000 gpm.

UTILITY NOTES:

1. THE PROJECT'S LANDSCAPE AND IRRIGATION PLANS SHALL BE DESIGNED IN ACCORDANCE WITH CITY OF APOPKA ORDINANCE NO. 2069.
2. ALL WATER MAINS LEADING TO A PROPOSED FIRE HYDRANT SHALL BE A MINIMUM OF 8".
3. FIRE FLOW REQUIREMENTS FOR BUILDINGS SHALL BE IN ACCORDANCE WITH NFPA 1, SECTION 18.4.
4. FIRE HYDRANT LOCATIONS AND DISTRIBUTION SHALL FOLLOW NFPA 1, APPENDIX I.
5. FIRE HYDRANT LOCATIONS SHALL BE IDENTIFIED BY A BLUE REFLECTIVE PAVEMENT MARKER. (NFPA 1, CHAPTER 18.5.7)
6. A FIRE FLOW TEST RESULT REPORT FROM THE NEAREST EXISTING HYDRANT THAT HAS BEEN WITNESSED BY A UTILITIES INSPECTOR WILL NEED TO BE PROVIDED. DOCUMENTATION FOR FIRE FLOW TESTING SHALL INCLUDE A FIRE FLOW REPORT AND A HYDRAULIC GRAPH.
7. CONTRACTOR SHALL PROVIDE HORIZONTAL AND VERTICAL SEPARATION PER THE FLORIDA ADMINISTRATIVE CODE (F.A.C.). PLEASE REFER TO SHEET C5.0 FOR HORIZONTAL AND VERTICAL SEPARATION TABLE.
8. ALL ROADWAYS, WATER LINE INFRASTRUCTURE AND FIRE HYDRANTS SHALL BE IN PLACE BEFORE BUILDING CONSTRUCTION MAY BEGIN PER CITY OF APOPKA REQUIREMENTS.
9. POTABLE WATER, RECLAIMED WATER, AND FORCE MAIN LINES TO BE INSTALLED AT 3' MINIMUM COVER UNLESS OTHERWISE NOTED.
10. ALL PROPOSED POTABLE WATER, RECLAIMED WATER, AND WASTEWATER IMPROVEMENTS (I.E. GRAVITY SEWER, SANITARY LATERALS, LIFT STATION, AND FORCE MAIN) SHALL BE PUBLICLY OWNED AND MAINTAINED BY CITY OF APOPKA.
11. CONTRACTOR SHALL ADHERE TO FLORIDA STATUE 633.027 CONCERNING LIGHT FRAME TRUSS CONSTRUCTION.
12. CONTRACTOR SHALL ADHERE TO CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 7TH EDITION CONCERNING FIRE AND LIFE SAFETY.
13. SANITARY SEWER MANHOLES WITH INVERTS THAT HAVE A VERTICAL DIFFERENCE OF TWO FEET (2') OR GREATER SHALL HAVE INSIDE DROPS. PLEASE REFER TO SHEET C11.2 FOR CITY OF APOPKA DETAIL.
14. CONTRACTOR SHALL USE OPEN CUT IN LIEU OF DIRECTIONAL DRILL FOR UTILITY INSTALLATION PROVIDED APPROVAL FROM ORANGE COUNTY AND THE CITY OF APOPKA IS OBTAINED.
15. EMERGENCY POWER RECEPTACLES SHALL BE INSTALLED FOR THE LIFT STATION AS REQUIRED BY SECTIONS 22.5 AND 48.9 OF THE CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION STANDARDS MANUAL.

NO.	DATE	DESCRIPTION	BY
4	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	DATE	DESCRIPTION	BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

OVERALL UTILITY PLAN
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 9/9/2025

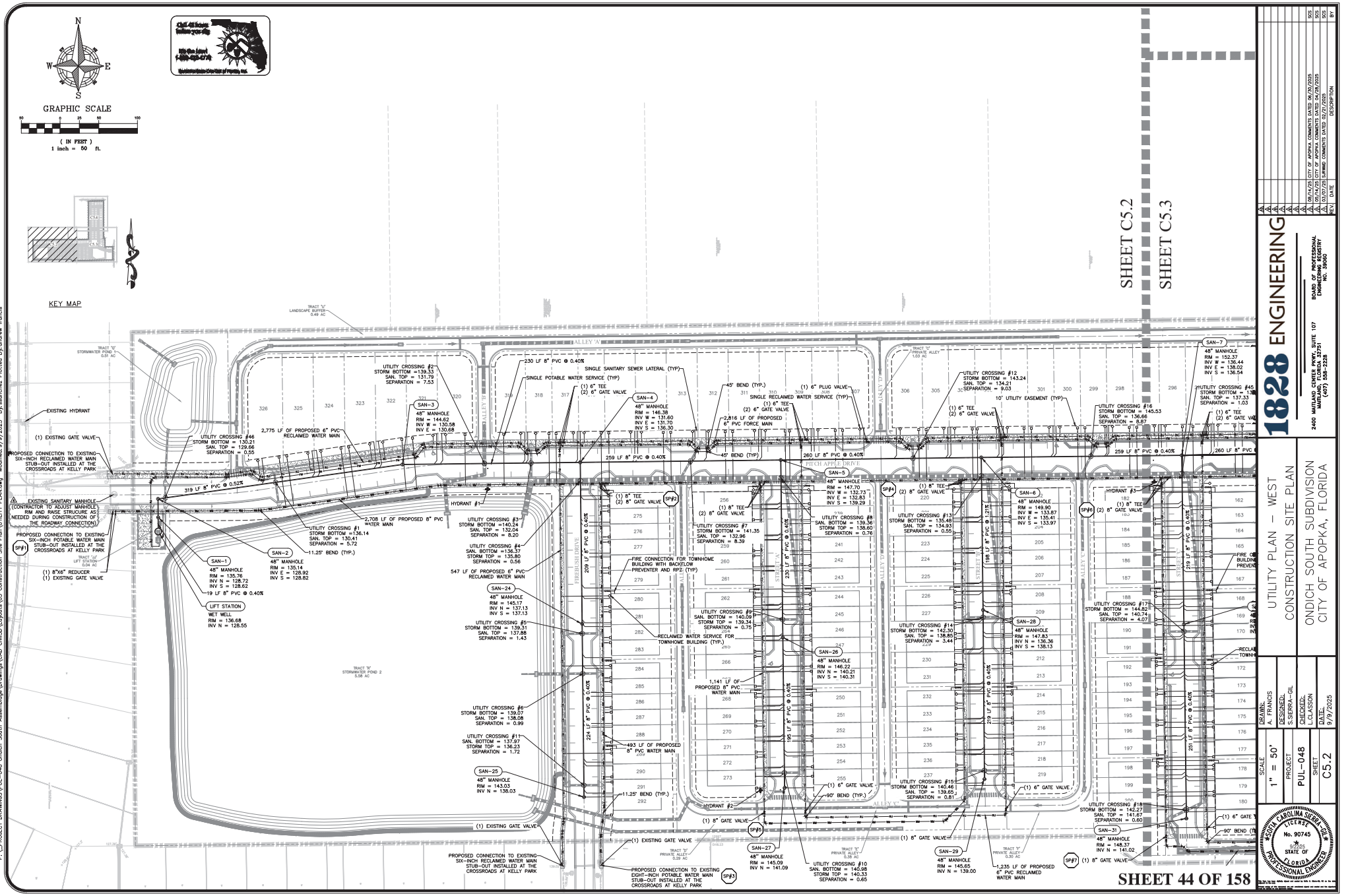
SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C5.1

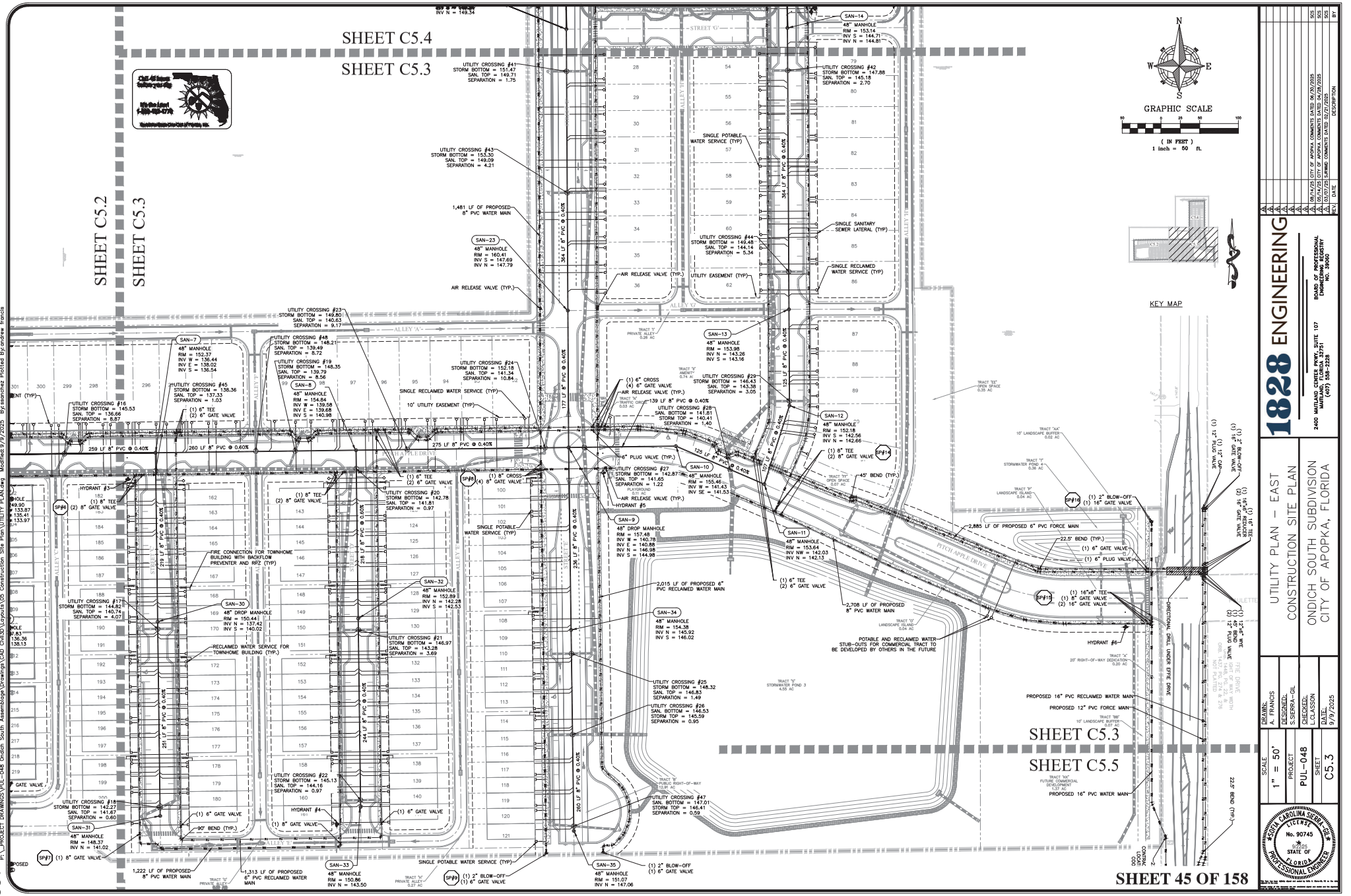
NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 9/9/2025 STATE OF FLORIDA PROFESSIONAL ENGINEER

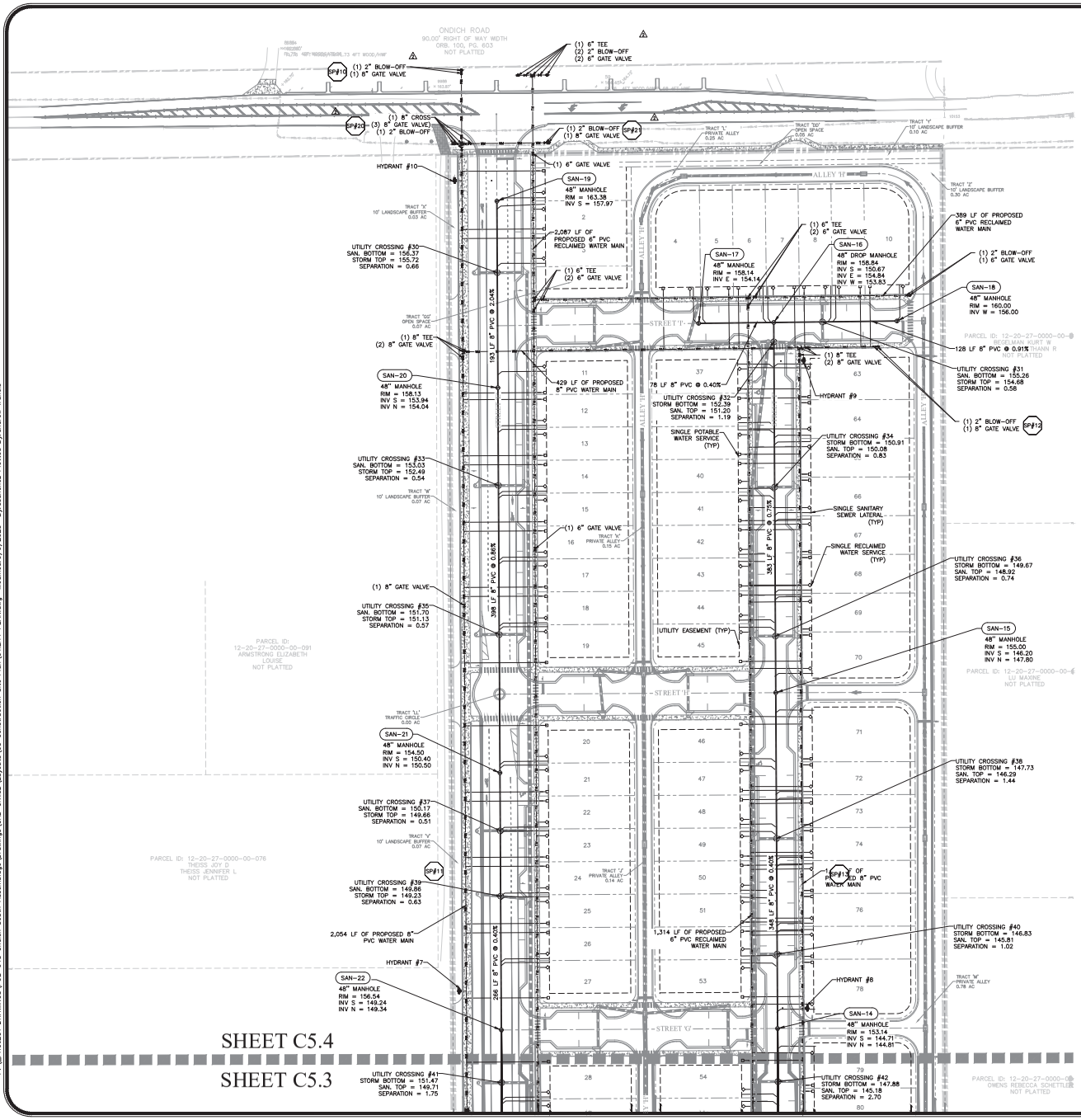
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SIERRA-GIL, PE 90745 ON 9/9/2025 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Know what's below. Call before you dig.
Sunshine 811 Inc.
811 or 1-800-432-4770
It's the law! (s. 556, Part III, Florida Statutes)

P:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\UTILITY PLAN.dwg Modified:9/9/2025 By:ssanchez Plotted By:andrew francis


GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
KEY MAP
SHEET C5.2
SHEET C5.3
SHEET 44 OF 158
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
UTILITY PLAN – WEST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 9/9/2025
SCALE 1" = 50'
PROJECT PUL-048
SHEET C5.2
NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER
05/14/25 CITY OF APOPKA COMMENTS DATED 06/30/2025 SCS
05/14/25 CITY OF APOPKA COMMENTS DATED 04/28/2025 SCS
03/07/25 SJRWMD COMMENTS DATED 02/27/2025 SCS
NO. DATE DESCRIPTION BY


SHEET C5.4
SHEET C5.3
SHEET C5.2
SHEET C5.3
SHEET C5.3
SHEET C5.5
SHEET 45 OF 158
GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
KEY MAP
UTILITY PLAN – EAST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 9/9/2025
SCALE 1" = 50'
PROJECT PUL-048
SHEET C5.3
NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER
06/30/2025 CITY OF APOPKA COMMENTS DATED 06/30/2025 SCS
05/14/25 CITY OF APOPKA COMMENTS DATED 04/28/2025 SCS
03/07/25 SJRWMD COMMENTS DATED 02/27/2025 SCS
DATE DESCRIPTION BY



SHEET C5.4

SHEET C5.3

NOTES:

1. *ALL PROPOSED UTILITIES TO BE OWNED AND MAINTAINED BY CITY OF APOPKA.*
2. *CONTRACTOR SHALL REPAIR ANY DAMAGES MADE TO ANY EXISTING MAIL BOXES DURING CONSTRUCTION.*
3. *CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR EXISTING DRY AND WET UTILITIES WITHIN WORK AREA TO AVOID DAMAGE TO EXISTING LINES DURING CONSTRUCTION. IF DAMAGE IS CAUSED, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS IN COORDINATION WITH THE UTILITY PROVIDER.*
4. *CONTRACTOR SHALL MAINTAIN THE EXISTING ACCESS TO EACH PROPERTY ALONG EFFIE DRIVE WITHIN THE PROJECT LIMITS SHOWN, AND ANY DAMAGE SHALL BE REPAIRED BACK TO THE ORIGINAL CONDITION.*
5. *CONTRACTOR TO ENSURE THAT ANY DRIVEWAYS DISTURBED DURING CONSTRUCTION ARE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER.*

N

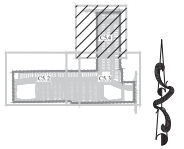
W E

S

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.



KEY MAP

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJH/MD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

UTILITY PLAN – NORTH
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

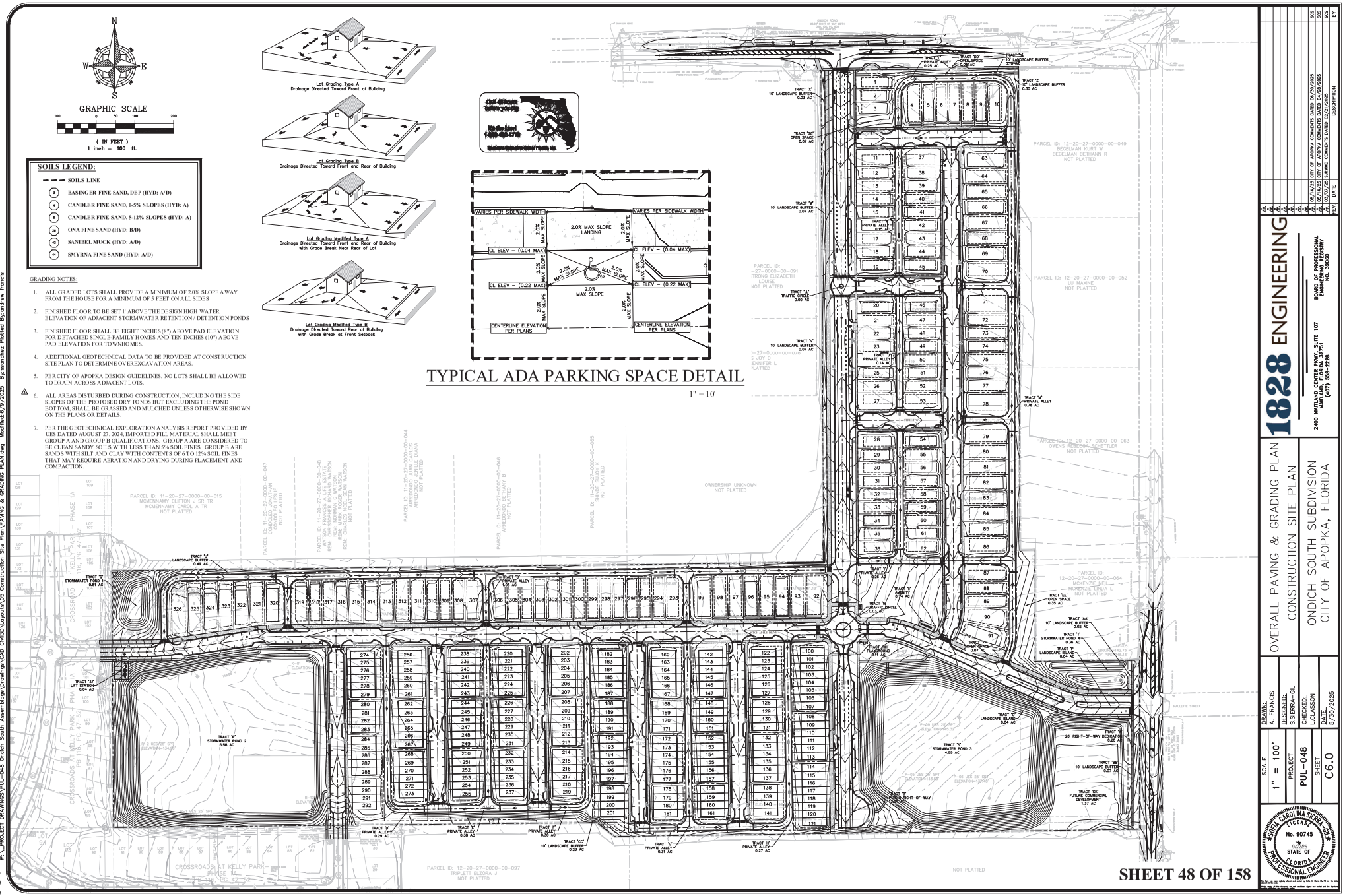
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	9/9/2025
SCALE	1" = 50'
PROJECT	PUL-048
SHEET	C5.4

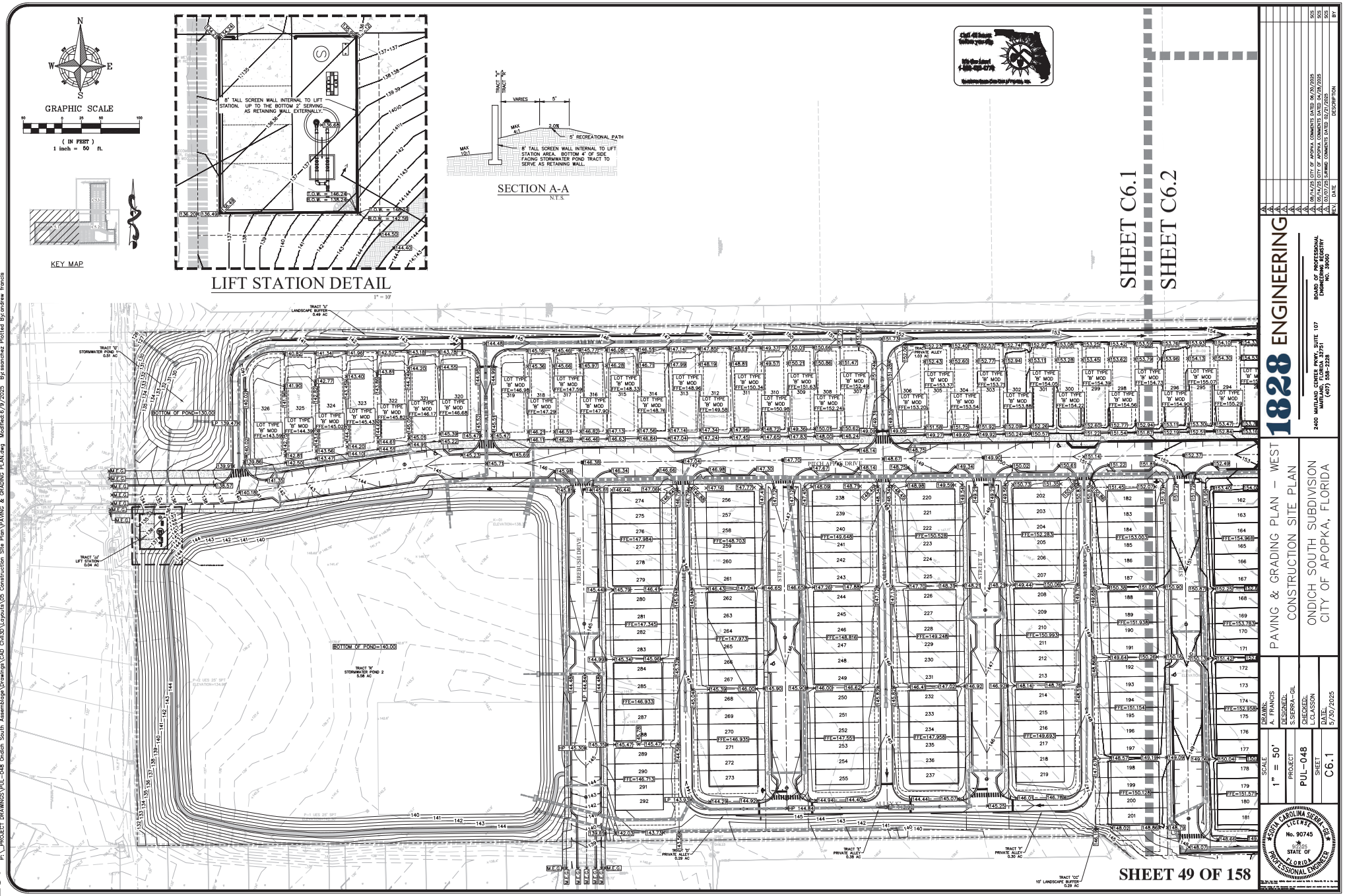
STATE OF FLORIDA
SIERRA-GIL
LICENSE
No. 90745
9/2025
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET 46 OF 158

PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\UTILITY PLAN.dwg Modified:9/9/2025 By:ssanchez Plotted By:andrew francis

UTILITY PLAN – OFFSITE
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 858-2228
BOARD OF PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. 39060
SCALE 1" = 50'
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 9/9/2025
PROJECT PUL-048
SHEET C5.5
SHEET 47 OF 158
NOTES:
1. ALL PROPOSED UTILITIES TO BE OWNED AND MAINTAINED BY CITY OF APOPKA.
2. CONTRACTOR SHALL REPAIR ANY DAMAGES MADE TO ANY EXISTING MAIL BOXES DURING CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH UTILITIES PROVIDERS FOR EXISTING AERIAL UTILITIES WITHIN WORK AREA TO AVOID DAMAGE TO EXISTING LINES DURING CONSTRUCTION. IF DAMAGE IS CAUSED, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS IN COORDINATION WITH THE UTILITY PROVIDER.
4. CONTRACTOR SHALL MAINTAIN THE EXISTING ACCESS TO ALL PROPERTIES ALONG THE CONSTRUCTION WORK PROJECT LIMITS SHOWN, AND ANY DAMAGE SHALL BE REPAIRED BACK TO THE ORIGINAL CONDITION.
5. CONTRACTOR TO ENSURE THAT ANY DRIVEWAYS DISTURBED DURING CONSTRUCTION ARE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER.
KEY MAP
GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
MATCHLINE A-A
MATCHLINE B-B
SHEET C5.3
SHEET C5.5
PROPOSED 16" PVC RECLAIMED WATER MAIN
PROPOSED 12" PVC FORCE MAIN
PROPOSED 16" PVC WATER MAIN
3,715 LF OF PROPOSED 16" PVC RECLAIMED WATER MAIN
3,705 LF OF PROPOSED 12" PVC FORCE MAIN
3,670 LF OF PROPOSED 16" PVC WATER MAIN
3,705 LF OF PROPOSED 12" PVC FORCE MAIN
3,715 LF OF PROPOSED 16" PVC RECLAIMED WATER MAIN
3,670 LF OF PROPOSED 16" PVC WATER MAIN
EXISTING 12" HDPE FORCE MAIN
EXISTING 16" DIP WATER MAIN
EXISTING 16" PVC RECLAIMED WATER MAIN
KELLY PARK ROAD
EFFIE DRIVE
60.00' RIGHT OF WAY WIDTH
INSTRUMENT #2005-0170365 & ORB 4851, PG 4853
NOT PLATTED
16" GATE VALVE
HYDRANT #11
HYDRANT #12
HYDRANT #13
HYDRANT #14
HYDRANT #15
HYDRANT #16
HYDRANT #17
12" PLUG VALVE
22.5° BEND (TYP.)
DIRECTIONAL DRILL UNDER EXISTING DRIVEWAYS (TYP.)
CONTRACTOR TO COORDINATE WITH SUNSHINE 811 TO LOCATE EXISTING DRY UNDERGROUND UTILITIES AND COORDINATE WITH UTILITY OWNERS IF CONFLICTS ARISE
CONTRACTOR TO LOCATE EXISTING WATER MAIN AND COORDINATE WITH UTILITY OWNER
PROPOSED PRIMARY POINT OF CONNECTION TO EXISTING 16" RECLAIMED WATER MAIN
PROPOSED PRIMARY POINT OF CONNECTION TO EXISTING 12" FORCE MAIN
PROPOSED PRIMARY POINT OF CONNECTION TO EXISTING 16" WATER MAIN
STA 11
STA 12
STA 13
STA 14
STA 15
STA 16
STA 17
STA 18
STA 19
TRACT "OS" FUTURE COMMERCIAL DEVELOPMENT
TRACT "OS" FUTURE COMMERCIAL DEVELOPMENT
REV. DATE DESCRIPTION BY
1 08/14/25 CITY OF APOPKA COMMENTS DATED 06/30/2025 SGS
2 09/14/25 CITY OF APOPKA COMMENTS DATED 08/28/2025 SGS
3 03/07/26 SJRMND COMMENTS DATED 02/27/2026 SGS
PL:\PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD\C3D\Layouts\05 Construction Site Plan\UTILITY PLAN.dwg, Modified:9/9/2025 By:sanchez Plotted By:andrew francis


N
W
E
S
GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.
SOILS LEGEND:
SOILS LINE
3 BASINGER FINE SAND, DEP (HYD: A/D)
4 CANDLER FINE SAND, 0-5% SLOPES (HYD: A)
5 CANDLER FINE SAND, 5-12% SLOPES (HYD: A)
38 ONA FINE SAND (HYD: B/D)
45 SANIBEL MUCK (HYD: A/D)
44 SMYRNA FINE SAND (HYD: A/D)
GRADING NOTES:
1. ALL GRADED LOTS SHALL PROVIDE A MINIMUM OF 2.0% SLOPE AWAY FROM THE HOUSE FOR A MINIMUM OF 5 FEET ON ALL SIDES
2. FINISHED FLOOR TO BE SET 1' ABOVE THE DESIGN HIGH WATER ELEVATION OF ADJACENT STORMWATER RETENTION / DETENTION PONDS
3. FINISHED FLOOR SHALL BE EIGHT INCHES (8") ABOVE PAD ELEVATION FOR DETACHED SINGLE-FAMILY HOMES AND TEN INCHES (10") ABOVE PAD ELEVATION FOR TOWNHOMES.
4. ADDITIONAL GEOTECHNICAL DATA TO BE PROVIDED AT CONSTRUCTION SITE PLAN TO DETERMINE OVEREXCAVATION AREAS.
5. PER CITY OF APOPKA DESIGN GUIDELINES, NO LOTS SHALL BE ALLOWED TO DRAIN ACROSS ADJACENT LOTS.
6. ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING THE SIDE SLOPES OF THE PROPOSED DRY PONDS BUT EXCLUDING THE POND BOTTOM, SHALL BE GRASSED AND MULCHED UNLESS OTHERWISE SHOWN ON THE PLANS OR DETAILS.
7. PER THE GEOTECHNICAL EXPLORATION ANALYSIS REPORT PROVIDED BY UES DATED AUGUST 27, 2024, IMPORTED FILL MATERIAL SHALL MEET GROUP A AND GROUP B QUALIFICATIONS. GROUP A ARE CONSIDERED TO BE CLEAN SANDY SOILS WITH LESS THAN 5% SOIL FINES. GROUP B ARE SANDS WITH SILT AND CLAY WITH CONTENTS OF 6 TO 12% SOIL FINES THAT MAY REQUIRE AERATION AND DRYING DURING PLACEMENT AND COMPACTION.
Lot Grading Type A
Drainage Directed Toward Front of Building
Lot Grading Type B
Drainage Directed Toward Front and Rear of Building
Lot Grading Modified Type A
Drainage Directed Toward Front and Rear of Building with Grade Break Near Rear of Lot
Lot Grading Modified Type B
Drainage Directed Toward Rear of Building with Grade Break at Front Setback
VARIES PER SIDEWALK WIDTH
2.0% MAX SLOPE
2.0% MAX SLOPE LANDING
CL ELEV – (0.04 MAX)
CL ELEV – (0.22 MAX)
CENTERLINE ELEVATION PER PLANS
TYPICAL ADA PARKING SPACE DETAIL
1" = 10'
TRACT 'A' LANDSCAPE BUFFER 0.49 AC
TRACT 'O' STORMWATER POND 1 0.51 AC
TRACT 'L' LIFT STATION 0.04 AC
TRACT 'N' STORMWATER POND 2 5.58 AC
TRACT 'P' PRIVATE ALLEY 1.03 AC
TRACT 'X' 10' LANDSCAPE BUFFER 0.03 AC
TRACT 'U' PRIVATE ALLEY 0.29 AC
TRACT '330' OPEN SPACE 0.06 AC
TRACT 'Z' 10' LANDSCAPE BUFFER 0.30 AC
TRACT 'GG' OPEN SPACE 0.07 AC
TRACT 'W' 10' LANDSCAPE BUFFER 0.07 AC
TRACT 'LL' TRAFFIC CIRCLE 0.00 AC
TRACT 'V' 10' LANDSCAPE BUFFER 0.07 AC
TRACT 'Y' PRIVATE ALLEY 0.14 AC
TRACT 'W' PRIVATE ALLEY 0.78 AC
TRACT 'T' PRIVATE ALLEY 0.26 AC
TRACT 'Y' AMENITY 0.74 AC
TRACT 'KK' TRAFFIC CIRCLE 0.03 AC
TRACT 'MM' PLAYGROUND #31 AC
TRACT 'WW' OPEN SPACE 0.07 AC
TRACT 'XX' OPEN SPACE 0.35 AC
TRACT 'AA' 10' LANDSCAPE BUFFER 0.02 AC
TRACT 'I' STORMWATER POND 4 0.36 AC
TRACT 'H' LANDSCAPE ISLAND 0.04 AC
TRACT 'G' LANDSCAPE 0.04 AC
TRACT 'S' STORMWATER POND 3 4.55 AC
TRACT 'M' 20' RIGHT-OF-WAY
TRACT 'BB' 20' RIGHT-OF-WAY DEDICATION 0.30 AC
TRACT 'BB' 10' LANDSCAPE BUFFER 0.07 AC
TRACT 'CC' FUTURE COMMERCIAL DEVELOPMENT 1.57 AC
TRACT 'R' PRIVATE ALLEY 0.29 AC
TRACT 'S' PRIVATE ALLEY 0.30 AC
TRACT 'CC' 10' LANDSCAPE BUFFER 0.19 AC
TRACT 'J' PRIVATE ALLEY 0.31 AC
TRACT 'H' PRIVATE ALLEY 0.27 AC
PARCEL ID: 12-20-27-0000-00-049 BEGELMAN KURT W BEGELMAN BETHANN R NOT PLATTED
PARCEL ID: 12-20-27-0000-00-052 LU MAXINE NOT PLATTED
PARCEL ID: 12-20-27-0000-00-063 OWENS REBECCA SCHETTLER NOT PLATTED
PARCEL ID: 12-20-27-0000-00-064 MCKENZIE LINDA L NOT PLATTED
OWNERSHIP UNKNOWN NOT PLATTED
PARCEL ID: 12-20-27-0000-00-097 TRIPLETT ELZORA J NOT PLATTED
CROSSROADS AT KELLY PARK PHASE 1A
CROSSROADS AT KELLY PARK PHASE 1B
SHEET 48 OF 158
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107 MAITLAND, FLORIDA 32751 (407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
A 08/14/25 CITY OF APOPKA COMMENTS DATED 06/30/2025 SCS
A 05/14/25 CITY OF APOPKA COMMENTS DATED 04/28/2025 SCS
A 03/07/25 SJRWMD COMMENTS DATED 02/27/2025 SCS
NO. DATE DESCRIPTION BY
OVERALL PAVING & GRADING PLAN
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/30/2025
SCALE 1" = 100'
PROJECT PUL-048
SHEET C6.0
SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER
PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PAVING & GRADING PLAN.dwg Modified:6/9/2025 By:ssanchez Plotted By:andrew.francis



GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
KEY MAP
LIFT STATION DETAIL
1" = 10'
8' TALL SCREEN WALL INTERNAL TO LIFT STATION. UP TO THE BOTTOM 2' SERVING AS RETAINING WALL EXTERNALLY.
SECTION A-A
N.T.S.
5' RECREATIONAL PATH
8' TALL SCREEN WALL INTERNAL TO LIFT STATION AREA. BOTTOM 4' OF SIDE FACING STORMWATER POND TRACT TO SERVE AS RETAINING WALL.
SHEET C6.1
SHEET C6.2
BOTTOM OF POND=140.00
TRACT "D" STORMWATER POND 2 5.58 AC
TRACT "C" 10' LANDSCAPE BUFFER 0.29 AC
SHEET 49 OF 158
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060
PAVING & GRADING PLAN – WEST
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/30/2025
SCALE 1" = 50'
PROJECT PUL-048
SHEET C6.1
SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET 50 OF 158
SHEET C6.3
SHEET C6.2
SHEET C6.2
SHEET C6.1
KEY MAP
GRAPHIC SCALE
(IN FEET)
1 INCH = 100 ft.
EFFIE DRIVE
60.00' RIGHT OF WAY WIDTH
ORB. 1446, PG. 22, &
ORB. 1437, PG. 274 & 276
NOT PLATTED
IMPROVEMENTS TO EFFIE DRIVE TO BE PERMITTED UNDER ORANGE COUNTY
TRACT 'AA' 10' LANDSCAPE BUFFER 0.02 AC
TRACT 'T' STORMWATER 0.36 AC
TRACT 'U' LANDSCAPE 0.04 AC
TRACT 'AA' 20' RIGHT-OF-WAY DEDICATION 0.04 AC
TRACT 'AB' 10' LANDSCAPE BUFFER 0.07 AC
TRACT 'AC' FUTURE COMMERCIAL 1.37 AC
TRACT 'V' OPEN SPACE 0.28 AC
TRACT 'W' LANDSCAPE ISLAND 0.04 AC
BOTTOM OF POND=141.00
TRACT 'X' STORMWATER POND 3 4.28 AC
TRACT 'Y' OPEN SPACE 0.04 AC
TRACT 'AC' 10' RIGHT-OF-WAY DEDICATION 0.31 AC
TRACT 'Z' OPEN SPACE 0.08 AC
TRACT 'AA' PRIVATE ALLEY 0.37 AC
TRACT 'CC' LANDSCAPE 0.09 AC
PAULETTE
STREET 'E'
STREET 'D'
STREET 'C'
ALLEY 'A'
ALLEY 'B'
EFFIE DRIVE
LOT TYPE 'A' MOD 'B' FFE=155.59
LOT TYPE 'A' MOD 'B' FFE=154.54
LOT TYPE 'A' MOD 'B' FFE=156.11
LOT TYPE 'A' MOD 'B' FFE=155.06
LOT TYPE 'A' MOD 'B' FFE=154.06
LOT TYPE 'A' MOD 'B' FFE=156.58
LOT TYPE 'A' MOD 'B' FFE=155.53
LOT TYPE 'A' MOD 'B' FFE=154.48
LOT TYPE 'A' MOD 'B' FFE=156.79
LOT TYPE 'A' MOD 'B' FFE=155.74
LOT TYPE 'A' MOD 'B' FFE=154.69
LOT TYPE 'A' MOD 'B' FFE=157.25
LOT TYPE 'A' MOD 'B' FFE=156.20
LOT TYPE 'A' MOD 'B' FFE=155.15
LOT TYPE 'A' MOD 'B' FFE=157.72
LOT TYPE 'A' MOD 'B' FFE=156.67
LOT TYPE 'A' MOD 'B' FFE=155.62
LOT TYPE 'A' MOD 'B' FFE=158.18
LOT TYPE 'A' MOD 'B' FFE=157.13
LOT TYPE 'A' MOD 'B' FFE=156.08
LOT TYPE 'A' MOD 'B' FFE=158.64
LOT TYPE 'A' MOD 'B' FFE=157.59
LOT TYPE 'A' MOD 'B' FFE=156.54
LOT TYPE 'A' MOD 'B' FFE=159.11
LOT TYPE 'A' MOD 'B' FFE=158.06
LOT TYPE 'A' MOD 'B' FFE=157.01
LOT TYPE 'A' MOD 'B' FFE=159.57
LOT TYPE 'A' MOD 'B' FFE=158.52
LOT TYPE 'A' MOD 'B' FFE=157.47
LOT TYPE 'A' MOD 'B' FFE=160.04
LOT TYPE 'A' MOD 'B' FFE=158.99
LOT TYPE 'A' MOD 'B' FFE=157.94
LOT TYPE 'A' MOD 'B' FFE=160.50
LOT TYPE 'A' MOD 'B' FFE=159.45
LOT TYPE 'A' MOD 'B' FFE=158.40
LOT TYPE 'A' MOD 'B' FFE=160.97
LOT TYPE 'A' MOD 'B' FFE=159.92
LOT TYPE 'A' MOD 'B' FFE=158.87
LOT TYPE 'A' MOD 'B' FFE=161.43
LOT TYPE 'A' MOD 'B' FFE=160.38
LOT TYPE 'A' MOD 'B' FFE=159.33
LOT TYPE 'A' MOD 'B' FFE=161.89
LOT TYPE 'A' MOD 'B' FFE=160.84
LOT TYPE 'A' MOD 'B' FFE=159.79
LOT TYPE 'A' MOD 'B' FFE=162.36
LOT TYPE 'A' MOD 'B' FFE=161.31
LOT TYPE 'A' MOD 'B' FFE=160.26
LOT TYPE 'A' MOD 'B' FFE=162.82
LOT TYPE 'A' MOD 'B' FFE=161.77
LOT TYPE 'A' MOD 'B' FFE=160.72
LOT TYPE 'A' MOD 'B' FFE=163.29
LOT TYPE 'A' MOD 'B' FFE=162.24
LOT TYPE 'A' MOD 'B' FFE=161.19
LOT TYPE 'A' MOD 'B' FFE=163.65
LOT TYPE 'A' MOD 'B' FFE=162.60
LOT TYPE 'A' MOD 'B' FFE=161.55
LOT TYPE 'A' MOD 'B' FFE=164.02
LOT TYPE 'A' MOD 'B' FFE=162.97
LOT TYPE 'A' MOD 'B' FFE=161.92
LOT TYPE 'A' MOD 'B' FFE=164.38
LOT TYPE 'A' MOD 'B' FFE=163.33
LOT TYPE 'A' MOD 'B' FFE=162.28
LOT TYPE 'A' MOD 'B' FFE=164.75
LOT TYPE 'A' MOD 'B' FFE=163.70
LOT TYPE 'A' MOD 'B' FFE=162.65
LOT TYPE 'A' MOD 'B' FFE=165.11
LOT TYPE 'A' MOD 'B' FFE=164.06
LOT TYPE 'A' MOD 'B' FFE=163.01
LOT TYPE 'A' MOD 'B' FFE=165.48
LOT TYPE 'A' MOD 'B' FFE=164.43
LOT TYPE 'A' MOD 'B' FFE=163.38
LOT TYPE 'A' MOD 'B' FFE=165.84
LOT TYPE 'A' MOD 'B' FFE=164.79
LOT TYPE 'A' MOD 'B' FFE=163.74
LOT TYPE 'A' MOD 'B' FFE=166.21
LOT TYPE 'A' MOD 'B' FFE=165.16
LOT TYPE 'A' MOD 'B' FFE=164.11
LOT TYPE 'A' MOD 'B' FFE=166.57
LOT TYPE 'A' MOD 'B' FFE=165.52
LOT TYPE 'A' MOD 'B' FFE=164.47
LOT TYPE 'A' MOD 'B' FFE=166.94
LOT TYPE 'A' MOD 'B' FFE=165.89
LOT TYPE 'A' MOD 'B' FFE=164.84
LOT TYPE 'A' MOD 'B' FFE=167.30
LOT TYPE 'A' MOD 'B' FFE=166.25
LOT TYPE 'A' MOD 'B' FFE=165.20
LOT TYPE 'A' MOD 'B' FFE=167.67
LOT TYPE 'A' MOD 'B' FFE=166.62
LOT TYPE 'A' MOD 'B' FFE=165.57
LOT TYPE 'A' MOD 'B' FFE=168.03
LOT TYPE 'A' MOD 'B' FFE=166.98
LOT TYPE 'A' MOD 'B' FFE=165.93
LOT TYPE 'A' MOD 'B' FFE=168.40
LOT TYPE 'A' MOD 'B' FFE=167.35
LOT TYPE 'A' MOD 'B' FFE=166.30
LOT TYPE 'A' MOD 'B' FFE=168.76
LOT TYPE 'A' MOD 'B' FFE=167.71
LOT TYPE 'A' MOD 'B' FFE=166.66
LOT TYPE 'A' MOD 'B' FFE=169.13
LOT TYPE 'A' MOD 'B' FFE=168.08
LOT TYPE 'A' MOD 'B' FFE=167.03
LOT TYPE 'A' MOD 'B' FFE=169.49
LOT TYPE 'A' MOD 'B' FFE=168.44
LOT TYPE 'A' MOD 'B' FFE=167.39
LOT TYPE 'A' MOD 'B' FFE=169.86
LOT TYPE 'A' MOD 'B' FFE=168.81
LOT TYPE 'A' MOD 'B' FFE=167.76
LOT TYPE 'A' MOD 'B' FFE=170.22
LOT TYPE 'A' MOD 'B' FFE=169.17
LOT TYPE 'A' MOD 'B' FFE=168.12
LOT TYPE 'A' MOD 'B' FFE=170.59
LOT TYPE 'A' MOD 'B' FFE=169.54
LOT TYPE 'A' MOD 'B' FFE=168.49
LOT TYPE 'A' MOD 'B' FFE=170.95
LOT TYPE 'A' MOD 'B' FFE=169.90
LOT TYPE 'A' MOD 'B' FFE=168.85
LOT TYPE 'A' MOD 'B' FFE=171.32
LOT TYPE 'A' MOD 'B' FFE=170.27
LOT TYPE 'A' MOD 'B' FFE=169.22
LOT TYPE 'A' MOD 'B' FFE=171.68
LOT TYPE 'A' MOD 'B' FFE=170.63
LOT TYPE 'A' MOD 'B' FFE=169.58
LOT TYPE 'A' MOD 'B' FFE=172.05
LOT TYPE 'A' MOD 'B' FFE=171.00
LOT TYPE 'A' MOD 'B' FFE=169.95
LOT TYPE 'A' MOD 'B' FFE=172.41
LOT TYPE 'A' MOD 'B' FFE=171.36
LOT TYPE 'A' MOD 'B' FFE=170.31
LOT TYPE 'A' MOD 'B' FFE=172.78
LOT TYPE 'A' MOD 'B' FFE=171.73
LOT TYPE 'A' MOD 'B' FFE=170.68
LOT TYPE 'A' MOD 'B' FFE=173.14
LOT TYPE 'A' MOD 'B' FFE=172.09
LOT TYPE 'A' MOD 'B' FFE=171.04
LOT TYPE 'A' MOD 'B' FFE=173.51
LOT TYPE 'A' MOD 'B' FFE=172.46
LOT TYPE 'A' MOD 'B' FFE=171.41
LOT TYPE 'A' MOD 'B' FFE=173.87
LOT TYPE 'A' MOD 'B' FFE=172.82
LOT TYPE 'A' MOD 'B' FFE=171.77
LOT TYPE 'A' MOD 'B' FFE=174.24
LOT TYPE 'A' MOD 'B' FFE=173.19
LOT TYPE 'A' MOD 'B' FFE=172.14
LOT TYPE 'A' MOD 'B' FFE=174.60
LOT TYPE 'A' MOD 'B' FFE=173.55
LOT TYPE 'A' MOD 'B' FFE=172.50
LOT TYPE 'A' MOD 'B' FFE=174.97
LOT TYPE 'A' MOD 'B' FFE=173.92
LOT TYPE 'A' MOD 'B' FFE=172.87
LOT TYPE 'A' MOD 'B' FFE=175.33
LOT TYPE 'A' MOD 'B' FFE=174.28
LOT TYPE 'A' MOD 'B' FFE=173.23
LOT TYPE 'A' MOD 'B' FFE=175.70
LOT TYPE 'A' MOD 'B' FFE=174.65
LOT TYPE 'A' MOD 'B' FFE=173.60
LOT TYPE 'A' MOD 'B' FFE=176.06
LOT TYPE 'A' MOD 'B' FFE=175.01
LOT TYPE 'A' MOD 'B' FFE=173.96
LOT TYPE 'A' MOD 'B' FFE=176.43
LOT TYPE 'A' MOD 'B' FFE=175.38
LOT TYPE 'A' MOD 'B' FFE=174.33
LOT TYPE 'A' MOD 'B' FFE=176.79
LOT TYPE 'A' MOD 'B' FFE=175.74
LOT TYPE 'A' MOD 'B' FFE=174.69
LOT TYPE 'A' MOD 'B' FFE=177.16
LOT TYPE 'A' MOD 'B' FFE=176.11
LOT TYPE 'A' MOD 'B' FFE=175.06
LOT TYPE 'A' MOD 'B' FFE=177.52
LOT TYPE 'A' MOD 'B' FFE=176.47
LOT TYPE 'A' MOD 'B' FFE=175.42
LOT TYPE 'A' MOD 'B' FFE=177.89
LOT TYPE 'A' MOD 'B' FFE=176.84
LOT TYPE 'A' MOD 'B' FFE=175.79
LOT TYPE 'A' MOD 'B' FFE=178.25
LOT TYPE 'A' MOD 'B' FFE=177.20
LOT TYPE 'A' MOD 'B' FFE=176.15
LOT TYPE 'A' MOD 'B' FFE=178.62
LOT TYPE 'A' MOD 'B' FFE=177.57
LOT TYPE 'A' MOD 'B' FFE=176.52
LOT TYPE 'A' MOD 'B' FFE=178.98
LOT TYPE 'A' MOD 'B' FFE=177.93
LOT TYPE 'A' MOD 'B' FFE=176.88
LOT TYPE 'A' MOD 'B' FFE=179.35
LOT TYPE 'A' MOD 'B' FFE=178.30
LOT TYPE 'A' MOD 'B' FFE=177.25
LOT TYPE 'A' MOD 'B' FFE=179.71
LOT TYPE 'A' MOD 'B' FFE=178.66
LOT TYPE 'A' MOD 'B' FFE=177.61
LOT TYPE 'A' MOD 'B' FFE=180.08
LOT TYPE 'A' MOD 'B' FFE=179.03
LOT TYPE 'A' MOD 'B' FFE=177.98
LOT TYPE 'A' MOD 'B' FFE=180.44
LOT TYPE 'A' MOD 'B' FFE=179.39
LOT TYPE 'A' MOD 'B' FFE=178.34
LOT TYPE 'A' MOD 'B' FFE=180.81
LOT TYPE 'A' MOD 'B' FFE=179.76
LOT TYPE 'A' MOD 'B' FFE=178.71
LOT TYPE 'A' MOD 'B' FFE=181.17
LOT TYPE 'A' MOD 'B' FFE=180.12
LOT TYPE 'A' MOD 'B' FFE=179.07
LOT TYPE 'A' MOD 'B' FFE=181.54
LOT TYPE 'A' MOD 'B' FFE=180.49
LOT TYPE 'A' MOD 'B' FFE=179.44
LOT TYPE 'A' MOD 'B' FFE=181.90
LOT TYPE 'A' MOD 'B' FFE=180.85
LOT TYPE 'A' MOD 'B' FFE=179.80
LOT TYPE 'A' MOD 'B' FFE=182.27
LOT TYPE 'A' MOD 'B' FFE=181.22
LOT TYPE 'A' MOD 'B' FFE=180.17
LOT TYPE 'A' MOD 'B' FFE=182.63
LOT TYPE 'A' MOD 'B' FFE=181.58
LOT TYPE 'A' MOD 'B' FFE=180.53
LOT TYPE 'A' MOD 'B' FFE=183.00
LOT TYPE 'A' MOD 'B' FFE=181.95
LOT TYPE 'A' MOD 'B' FFE=180.90
LOT TYPE 'A' MOD 'B' FFE=183.36
LOT TYPE 'A' MOD 'B' FFE=182.31
LOT TYPE 'A' MOD 'B' FFE=181.26
LOT TYPE 'A' MOD 'B' FFE=183.73
LOT TYPE 'A' MOD 'B' FFE=182.68
LOT TYPE 'A' MOD 'B' FFE=181.63
LOT TYPE 'A' MOD 'B' FFE=184.09
LOT TYPE 'A' MOD 'B' FFE=183.04
LOT TYPE 'A' MOD 'B' FFE=181.99
LOT TYPE 'A' MOD 'B' FFE=184.46
LOT TYPE 'A' MOD 'B' FFE=183.41
LOT TYPE 'A' MOD 'B' FFE=182.36
LOT TYPE 'A' MOD 'B' FFE=184.82
LOT TYPE 'A' MOD 'B' FFE=183.77
LOT TYPE 'A' MOD 'B' FFE=182.72
LOT TYPE 'A' MOD 'B' FFE=185.19
LOT TYPE 'A' MOD 'B' FFE=184.14
LOT TYPE 'A' MOD 'B' FFE=183.09
LOT TYPE 'A' MOD 'B' FFE=185.55
LOT TYPE 'A' MOD 'B' FFE=184.50
LOT TYPE 'A' MOD 'B' FFE=183.45
LOT TYPE 'A' MOD 'B' FFE=185.92
LOT TYPE 'A' MOD 'B' FFE=184.87
LOT TYPE 'A' MOD 'B' FFE=183.82
LOT TYPE 'A' MOD 'B' FFE=186.28
LOT TYPE 'A' MOD 'B' FFE=185.23
LOT TYPE 'A' MOD 'B' FFE=184.18
LOT TYPE 'A' MOD 'B' FFE=186.65
LOT TYPE 'A' MOD 'B' FFE=185.60
LOT TYPE 'A' MOD 'B' FFE=184.55
LOT TYPE 'A' MOD 'B' FFE=187.01
LOT TYPE 'A' MOD 'B' FFE=185.96
LOT TYPE 'A' MOD 'B' FFE=184.91
LOT TYPE 'A' MOD 'B' FFE=187.38
LOT TYPE 'A' MOD 'B' FFE=186.33
LOT TYPE 'A' MOD 'B' FFE=185.28
LOT TYPE 'A' MOD 'B' FFE=187.74
LOT TYPE 'A' MOD 'B' FFE=186.69
LOT TYPE 'A' MOD 'B' FFE=185.64
LOT TYPE 'A' MOD 'B' FFE=188.11
LOT TYPE 'A' MOD 'B' FFE=187.06
LOT TYPE 'A' MOD 'B' FFE=186.01
LOT TYPE 'A' MOD 'B' FFE=188.47
LOT TYPE 'A' MOD 'B' FFE=187.42
LOT TYPE 'A' MOD 'B' FFE=186.37
LOT TYPE 'A' MOD 'B' FFE=188.84
LOT TYPE 'A' MOD 'B' FFE=187.79
LOT TYPE 'A' MOD 'B' FFE=186.74
LOT TYPE 'A' MOD 'B' FFE=189.20
LOT TYPE 'A' MOD 'B' FFE=188.15
LOT TYPE 'A' MOD 'B' FFE=187.10
LOT TYPE 'A' MOD 'B' FFE=189.57
LOT TYPE 'A' MOD 'B' FFE=188.52
LOT TYPE 'A' MOD 'B' FFE=187.47
LOT TYPE 'A' MOD 'B' FFE=189.93
LOT TYPE 'A' MOD 'B' FFE=188.88
LOT TYPE 'A' MOD 'B' FFE=187.83
LOT TYPE 'A' MOD 'B' FFE=190.30
LOT TYPE 'A' MOD 'B' FFE=189.25
LOT TYPE 'A' MOD 'B' FFE=188.20
LOT TYPE 'A' MOD 'B' FFE=190.66
LOT TYPE 'A' MOD 'B' FFE=189.61
LOT TYPE 'A' MOD 'B' FFE=188.56
LOT TYPE 'A' MOD 'B' FFE=191.03
LOT TYPE 'A' MOD 'B' FFE=189.98
LOT TYPE 'A' MOD 'B' FFE=188.93
LOT TYPE 'A' MOD 'B' FFE=191.39
LOT TYPE 'A' MOD 'B' FFE=190.34
LOT TYPE 'A' MOD 'B' FFE=189.29
LOT TYPE 'A' MOD 'B' FFE=191.76
LOT TYPE 'A' MOD 'B' FFE=190.71
LOT TYPE 'A' MOD 'B' FFE=189.66
LOT TYPE 'A' MOD 'B' FFE=192.12
LOT TYPE 'A' MOD 'B' FFE=191.07
LOT TYPE 'A' MOD 'B' FFE=190.02
LOT TYPE 'A' MOD 'B' FFE=192.49
LOT TYPE 'A' MOD 'B' FFE=191.44
LOT TYPE 'A' MOD 'B' FFE=190.39
LOT TYPE 'A' MOD 'B' FFE=192.85
LOT TYPE 'A' MOD 'B' FFE=191.80
LOT TYPE 'A' MOD 'B' FFE=190.75
LOT TYPE 'A' MOD 'B' FFE=193.22
LOT TYPE 'A' MOD 'B' FFE=192.17
LOT TYPE 'A' MOD 'B' FFE=191.12
LOT TYPE 'A' MOD 'B' FFE=193.58
LOT TYPE 'A' MOD 'B' FFE=192.53
LOT TYPE 'A' MOD 'B' FFE=191.48
LOT TYPE 'A' MOD 'B' FFE=193.95
LOT TYPE 'A' MOD 'B' FFE=192.90
LOT TYPE 'A' MOD 'B' FFE=191.85
LOT TYPE 'A' MOD 'B' FFE=194.31
LOT TYPE 'A' MOD 'B' FFE=193.26
LOT TYPE 'A' MOD 'B' FFE=192.21
LOT TYPE 'A' MOD 'B' FFE=194.68
LOT TYPE 'A' MOD 'B' FFE=193.63
LOT TYPE 'A' MOD 'B' FFE=192.58
LOT TYPE 'A' MOD 'B' FFE=195.04
LOT TYPE 'A' MOD 'B' FFE=193.99
LOT TYPE 'A' MOD 'B' FFE=192.94
LOT TYPE 'A' MOD 'B' FFE=195.41
LOT TYPE 'A' MOD 'B' FFE=194.36
LOT TYPE 'A' MOD 'B' FFE=193.31
LOT TYPE 'A' MOD 'B' FFE=195.77
LOT TYPE 'A' MOD 'B' FFE=194.72
LOT TYPE 'A' MOD 'B' FFE=193.67
LOT TYPE 'A' MOD 'B' FFE=196.14
LOT TYPE 'A' MOD 'B' FFE=195.09
LOT TYPE 'A' MOD 'B' FFE=194.04
LOT TYPE 'A' MOD 'B' FFE=196.50
LOT TYPE 'A' MOD 'B' FFE=195.45
LOT TYPE 'A' MOD 'B' FFE=194.40
LOT TYPE 'A' MOD 'B' FFE=196.87
LOT TYPE 'A' MOD 'B' FFE=195.82
LOT TYPE 'A' MOD 'B' FFE=194.77
LOT TYPE 'A' MOD 'B' FFE=197.23
LOT TYPE 'A' MOD 'B' FFE=196.18
LOT TYPE 'A' MOD 'B' FFE=195.13
LOT TYPE 'A' MOD 'B' FFE=197.60
LOT TYPE 'A' MOD 'B' FFE=196.55
LOT TYPE 'A' MOD 'B' FFE=195.50
LOT TYPE 'A' MOD 'B' FFE=197.96
LOT TYPE 'A' MOD 'B' FFE=196.91
LOT TYPE 'A' MOD 'B' FFE=195.86
LOT TYPE 'A' MOD 'B' FFE=198.33
LOT TYPE 'A' MOD 'B' FFE=197.28
LOT TYPE 'A' MOD 'B' FFE=196.23
LOT TYPE 'A' MOD 'B' FFE=198.69
LOT TYPE 'A' MOD 'B' FFE=197.64
LOT TYPE 'A' MOD 'B' FFE=196.59
LOT TYPE 'A' MOD 'B' FFE=199.06
LOT TYPE 'A' MOD 'B' FFE=198.01
LOT TYPE 'A' MOD 'B' FFE=196.96
LOT TYPE 'A' MOD 'B' FFE=199.42
LOT TYPE 'A' MOD 'B' FFE=198.37
LOT TYPE 'A' MOD 'B' FFE=197.32
LOT TYPE 'A' MOD 'B' FFE=199.79
LOT TYPE 'A' MOD 'B' FFE=198.74
LOT TYPE 'A' MOD 'B' FFE=197.69
LOT TYPE 'A' MOD 'B' FFE=200.15
LOT TYPE 'A' MOD 'B' FFE=199.10
LOT TYPE 'A' MOD 'B' FFE=198.05
LOT TYPE 'A' MOD 'B' FFE=200.52
LOT TYPE 'A' MOD 'B' FFE=199.47
LOT TYPE 'A' MOD 'B' FFE=198.42
LOT TYPE 'A' MOD 'B' FFE=200.88
LOT TYPE 'A' MOD 'B' FFE=199.83
LOT TYPE 'A' MOD 'B' FFE=198.78
LOT TYPE 'A' MOD 'B' FFE=201.25
LOT TYPE 'A' MOD 'B' FFE=200.20
LOT TYPE 'A' MOD 'B' FFE=199.15
LOT TYPE 'A' MOD 'B' FFE=201.61
LOT TYPE 'A' MOD 'B' FFE=200.56
LOT TYPE 'A' MOD 'B' FFE=199.51
LOT TYPE 'A' MOD 'B' FFE=201.98
LOT TYPE 'A' MOD 'B' FFE=200.93
LOT TYPE 'A' MOD 'B' FFE=199.88
LOT TYPE 'A' MOD 'B' FFE=202.34
LOT TYPE 'A' MOD 'B' FFE=201.29
LOT TYPE 'A' MOD 'B' FFE=200.24
LOT TYPE 'A' MOD 'B' FFE=202.71
LOT TYPE 'A' MOD 'B' FFE=201.66
LOT TYPE 'A' MOD 'B' FFE=200.61
LOT TYPE 'A' MOD 'B' FFE=203.07
LOT TYPE 'A' MOD 'B' FFE=202.02
LOT TYPE 'A' MOD 'B' FFE=200.97
LOT TYPE 'A' MOD 'B' FFE=203.44
LOT TYPE 'A' MOD 'B' FFE=202.39
LOT TYPE 'A' MOD 'B' FFE=201.34
LOT TYPE 'A' MOD 'B' FFE=203.80
LOT TYPE 'A' MOD 'B' FFE=202.75
LOT TYPE 'A' MOD 'B' FFE=201.70
LOT TYPE 'A' MOD 'B' FFE=204.17
LOT TYPE 'A' MOD 'B' FFE=203.12
LOT TYPE 'A' MOD 'B' FFE=202.07
LOT TYPE 'A' MOD 'B' FFE=204.53
LOT TYPE 'A' MOD 'B' FFE=203.48
LOT TYPE 'A' MOD 'B' FFE=202.43
LOT TYPE 'A' MOD 'B' FFE=204.90
LOT TYPE 'A' MOD 'B' FFE=203.85
LOT TYPE 'A' MOD 'B' FFE=202.80
LOT TYPE 'A' MOD 'B' FFE=205.26
LOT TYPE 'A' MOD 'B' FFE=204.21
LOT TYPE 'A' MOD 'B' FFE=203.16
LOT TYPE 'A' MOD 'B' FFE=205.63
LOT TYPE 'A' MOD 'B' FFE=204.58
LOT TYPE 'A' MOD 'B' FFE=203.53
LOT TYPE 'A' MOD 'B' FFE=205.99
LOT TYPE 'A' MOD 'B' FFE=204.94
LOT TYPE 'A' MOD 'B' FFE=203.89
LOT TYPE 'A' MOD 'B' FFE=206.36
LOT TYPE 'A' MOD 'B' FFE=205.31
LOT TYPE 'A' MOD 'B' FFE=204.26
LOT TYPE 'A' MOD 'B' FFE=206.72
LOT TYPE 'A' MOD 'B' FFE=205.67
LOT TYPE 'A' MOD 'B' FFE=204.62
LOT TYPE 'A' MOD 'B' FFE=207.09
LOT TYPE 'A' MOD 'B' FFE=206.04
LOT TYPE 'A' MOD 'B' FFE=204.99
LOT TYPE 'A' MOD 'B' FFE=207.45
LOT TYPE 'A' MOD 'B' FFE=206.40
LOT TYPE 'A' MOD 'B' FFE=205.35
LOT TYPE 'A' MOD 'B' FFE=207.82
LOT TYPE 'A' MOD 'B' FFE=206.77
LOT TYPE 'A' MOD 'B' FFE=205.72
LOT TYPE 'A' MOD 'B' FFE=208.18
LOT TYPE 'A' MOD 'B' FFE=207.13
LOT TYPE 'A' MOD 'B' FFE=206.08
LOT TYPE 'A' MOD 'B' FFE=208.55
LOT TYPE 'A' MOD 'B' FFE=207.50
LOT TYPE 'A' MOD 'B' FFE=206.45
LOT TYPE 'A' MOD 'B' FFE=208.91
LOT TYPE 'A' MOD 'B' FFE=207.86
LOT TYPE 'A' MOD 'B' FFE=206.81
LOT TYPE 'A' MOD 'B' FFE=209.28
LOT TYPE 'A' MOD 'B' FFE=208.23
LOT TYPE 'A' MOD 'B' FFE=207.18
LOT TYPE 'A' MOD 'B' FFE=209.64
LOT TYPE 'A' MOD 'B' FFE=208.59
LOT TYPE 'A' MOD 'B' FFE=207.54
LOT TYPE 'A' MOD 'B' FFE=210.01
LOT TYPE 'A' MOD 'B' FFE=208.96
LOT TYPE 'A' MOD 'B' FFE=207.91
LOT TYPE 'A' MOD 'B' FFE=210.37
LOT TYPE 'A' MOD 'B' FFE=209.32
LOT TYPE 'A' MOD 'B' FFE=208.27
LOT TYPE 'A' MOD 'B' FFE=210.74
LOT TYPE 'A' MOD 'B' FFE=209.69
LOT TYPE 'A' MOD 'B' FFE=208.64
LOT TYPE 'A' MOD 'B' FFE=211.10
LOT TYPE 'A' MOD 'B' FFE=210.05
LOT TYPE 'A' MOD 'B' FFE=209.00
LOT TYPE 'A' MOD 'B' FFE=211.47
LOT TYPE 'A' MOD 'B' FFE=210.42
LOT TYPE 'A' MOD 'B' FFE=209.37
LOT TYPE 'A' MOD 'B' FFE=211.83
LOT TYPE 'A' MOD 'B' FFE=210.78
LOT TYPE 'A' MOD 'B' FFE=209.73
LOT TYPE 'A' MOD 'B' FFE=212.20
LOT TYPE 'A' MOD 'B' FFE=211.15
LOT TYPE 'A' MOD 'B' FFE=210.10
LOT TYPE 'A' MOD 'B' FFE=212.56
LOT TYPE 'A' MOD 'B' FFE=211.51
LOT TYPE 'A' MOD 'B' FFE=210.46
LOT TYPE 'A' MOD 'B' FFE=212.93
LOT TYPE 'A' MOD 'B' FFE=211.88
LOT TYPE 'A' MOD 'B' FFE=210.83
LOT TYPE 'A' MOD 'B' FFE=213.29
LOT TYPE 'A' MOD 'B' FFE=212.24
LOT TYPE 'A' MOD 'B' FFE=211.19
LOT TYPE 'A' MOD 'B' FFE=213.66
LOT TYPE 'A' MOD 'B' FFE=212.61
LOT TYPE 'A' MOD 'B' FFE=211.56
LOT TYPE 'A' MOD 'B' FFE=214.02
LOT TYPE 'A' MOD 'B' FFE=212.97
LOT TYPE 'A' MOD 'B' FFE=211.92
LOT TYPE 'A' MOD 'B' FFE=214.39
LOT TYPE 'A' MOD 'B' FFE=213.34
LOT TYPE 'A' MOD 'B' FFE=212.29
LOT TYPE 'A' MOD 'B' FFE=214.75
LOT TYPE 'A' MOD 'B' FFE=213.70
LOT TYPE 'A' MOD 'B' FFE=212.65
LOT TYPE 'A' MOD 'B' FFE=215.12
LOT TYPE 'A' MOD 'B' FFE=214.07
LOT TYPE 'A' MOD 'B' FFE=213.02
LOT TYPE 'A' MOD 'B' FFE=215.48
LOT TYPE 'A' MOD 'B' FFE=214.43
LOT TYPE 'A' MOD 'B' FFE=213.38
LOT TYPE 'A' MOD 'B' FFE=215.85
LOT TYPE 'A' MOD 'B' FFE=214.80
LOT TYPE 'A' MOD 'B' FFE=213.75
LOT TYPE 'A' MOD 'B' FFE=216.21
LOT TYPE 'A' MOD 'B' FFE=215.16
LOT TYPE 'A' MOD 'B' FFE=214.11
LOT TYPE 'A' MOD 'B' FFE=216.58
LOT TYPE 'A' MOD 'B' FFE=215.53
LOT TYPE 'A' MOD 'B' FFE=214.48
LOT TYPE 'A' MOD 'B' FFE=216.94
LOT TYPE 'A' MOD 'B' FFE=215.89
LOT TYPE 'A' MOD 'B' FFE=214.84
LOT TYPE 'A' MOD 'B' FFE=217.31
LOT TYPE 'A' MOD 'B' FFE=216.26
LOT TYPE 'A' MOD 'B' FFE=215.21
LOT TYPE 'A' MOD 'B' FFE=217.67
LOT TYPE 'A' MOD 'B' FFE=216.62
LOT TYPE 'A' MOD 'B' FFE=215.57
LOT TYPE 'A' MOD 'B' FFE=218.04
LOT TYPE 'A' MOD 'B' FFE=216.99
LOT TYPE 'A' MOD 'B' FFE=215.94
LOT TYPE 'A' MOD 'B' FFE=218.40
LOT TYPE 'A' MOD 'B' FFE=217.35
LOT TYPE 'A' MOD 'B' FFE=216.30
LOT TYPE 'A' MOD 'B' FFE=218.77
LOT TYPE 'A' MOD 'B' FFE=217.72
LOT TYPE 'A' MOD 'B' FFE=216.67
LOT TYPE 'A' MOD 'B' FFE=219.13
LOT TYPE 'A' MOD 'B' FFE=218.08
LOT TYPE 'A' MOD 'B' FFE=217.03
LOT TYPE 'A' MOD 'B' FFE=219.50
LOT TYPE 'A' MOD 'B' FFE=218.45
LOT TYPE 'A' MOD 'B' FFE=217.40
LOT TYPE 'A' MOD 'B' FFE=219.86
LOT TYPE 'A' MOD 'B' FFE=218.81
LOT TYPE 'A' MOD 'B' FFE=217.76
LOT TYPE 'A' MOD 'B' FFE=220.23
LOT TYPE 'A' MOD 'B' FFE=219.18
LOT TYPE 'A' MOD 'B' FFE=218.13
LOT TYPE 'A' MOD 'B' FFE=220.59
LOT TYPE 'A' MOD 'B' FFE=219.54
LOT TYPE 'A' MOD 'B' FFE=218.49
LOT TYPE 'A' MOD 'B' FFE=220.96
LOT TYPE 'A' MOD 'B' FFE=219.91
LOT TYPE 'A' MOD 'B' FFE=218.86
LOT TYPE 'A' MOD 'B' FFE=221.32
LOT TYPE 'A' MOD 'B' FFE=220.27
LOT TYPE 'A' MOD 'B' FFE=219.22
LOT TYPE 'A' MOD 'B' FFE=221.69
LOT TYPE 'A' MOD 'B' FFE=220.64
LOT TYPE 'A' MOD 'B' FFE=219.59
LOT TYPE 'A' MOD 'B' FFE=222.05
LOT TYPE 'A' MOD 'B' FFE=221.00
LOT TYPE 'A' MOD 'B' FFE=219.95
LOT TYPE 'A' MOD 'B' FFE=222.42
LOT TYPE 'A' MOD 'B' FFE=221.37
LOT TYPE 'A' MOD 'B' FFE=220.32
LOT TYPE 'A' MOD 'B' FFE=222.78
LOT TYPE 'A' MOD 'B' FFE=221.73
LOT TYPE 'A' MOD 'B' FFE=220.68
LOT TYPE 'A' MOD 'B' FFE=223.15
LOT TYPE 'A' MOD 'B' FFE=222.10
LOT TYPE 'A' MOD 'B' FFE=221.05
LOT TYPE 'A' MOD 'B' FFE=223.51
LOT TYPE 'A' MOD 'B' FFE=222.46
LOT TYPE 'A' MOD 'B' FFE=221.41
LOT TYPE 'A' MOD 'B' FFE=223.88
LOT TYPE 'A' MOD 'B' FFE=222.83
LOT TYPE 'A' MOD 'B' FFE=221.78
LOT TYPE 'A' MOD 'B' FFE=224.24
LOT TYPE 'A' MOD 'B' FFE=223.19
LOT TYPE 'A' MOD 'B' FFE=222.14
LOT TYPE 'A' MOD 'B' FFE=224.61
LOT TYPE 'A' MOD 'B' FFE=223.56
LOT TYPE 'A' MOD 'B' FFE=222.51
LOT TYPE 'A' MOD 'B' FFE=224.97
LOT TYPE 'A' MOD 'B' FFE=223.92
LOT TYPE 'A' MOD 'B' FFE=222.87
LOT TYPE 'A' MOD 'B' FFE=225.34
LOT TYPE 'A' MOD 'B' FFE=224.29
LOT TYPE 'A' MOD 'B' FFE=223.24
LOT TYPE 'A' MOD 'B' FFE=225.70
LOT TYPE 'A' MOD 'B' FFE=224.65
LOT TYPE 'A' MOD 'B' FFE=223.60
LOT TYPE 'A' MOD 'B' FFE=226.07
LOT TYPE 'A' MOD 'B' FFE=225.02
LOT TYPE 'A' MOD 'B' FFE=223.97
LOT TYPE 'A' MOD 'B' FFE=226.43
LOT TYPE 'A' MOD 'B' FFE=225.38
LOT TYPE 'A' MOD 'B' FFE=224.33
LOT TYPE 'A' MOD 'B' FFE=226.80
LOT TYPE 'A' MOD 'B' FFE=225.75
LOT TYPE 'A' MOD 'B' FFE=224.70
LOT TYPE 'A' MOD 'B' FFE=227.16
LOT TYPE 'A' MOD 'B' FFE=226.11
LOT TYPE 'A' MOD 'B' FFE=225.06
LOT TYPE 'A' MOD 'B' FFE=227.53
LOT TYPE 'A' MOD 'B' FFE=226.48
LOT TYPE 'A' MOD 'B' FFE=225.43
LOT TYPE 'A' MOD 'B' FFE=227.89
LOT TYPE 'A' MOD 'B' FFE=226.84
LOT TYPE 'A' MOD 'B' FFE=225.79
LOT TYPE 'A' MOD 'B' FFE=228.26
LOT TYPE 'A' MOD 'B' FFE=227.21
LOT TYPE 'A' MOD 'B' FFE=226.16
LOT TYPE 'A' MOD 'B' FFE=228.62
L

REV	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SGS
2	09/14/25	CITY OF APOPKA COMMENTS DATED 08/28/2025	SGS
3	03/07/26	S/MMRD COMMENTS DATED 02/27/2026	SGS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 658-2228
BOARD OF PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. 39060

PAVING & GRADING PLAN – NORTH
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	5/30/2025
SHEET	C6.3
PROJECT	PUL-048
SCALE	1" = 50'

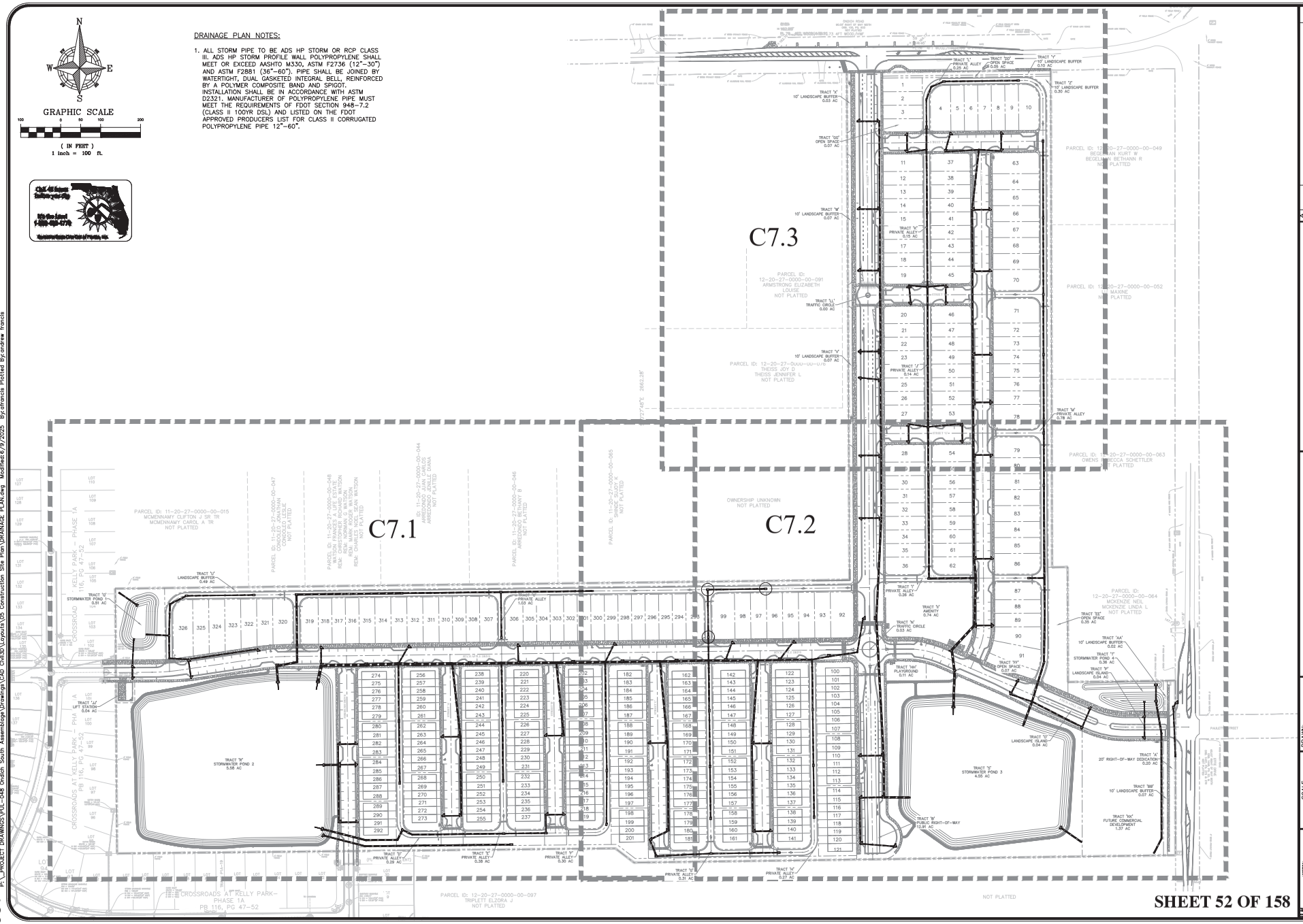
GRAPHIC SCALE
(IN FEET)
1 INCH = 100 ft.

KEY MAP

SHEET 51 OF 158

SHEET C6.3

SHEET C6.2



DRAINAGE PLAN NOTES:

1. ALL STORM PIPE TO BE ADS HP STORM OR RCP CLASS III. ADS HP STORM PROFILE WALL POLYPROPYLENE SHALL MEET OR EXCEED AASHTO M330, ASTM F2736 (12"–30") AND ASTM F2881 (36"–60"). PIPE SHALL BE JOINED BY WATERTIGHT, DUAL GASKETED INTEGRAL BELL, REINFORCED BY A POLYMER COMPOSITE BAND AND SPIGOT. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D2321. 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".

SHEET 52 OF 158

REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

OVERALL DRAINAGE PLAN
CONSTRUCTION SITE PLAN

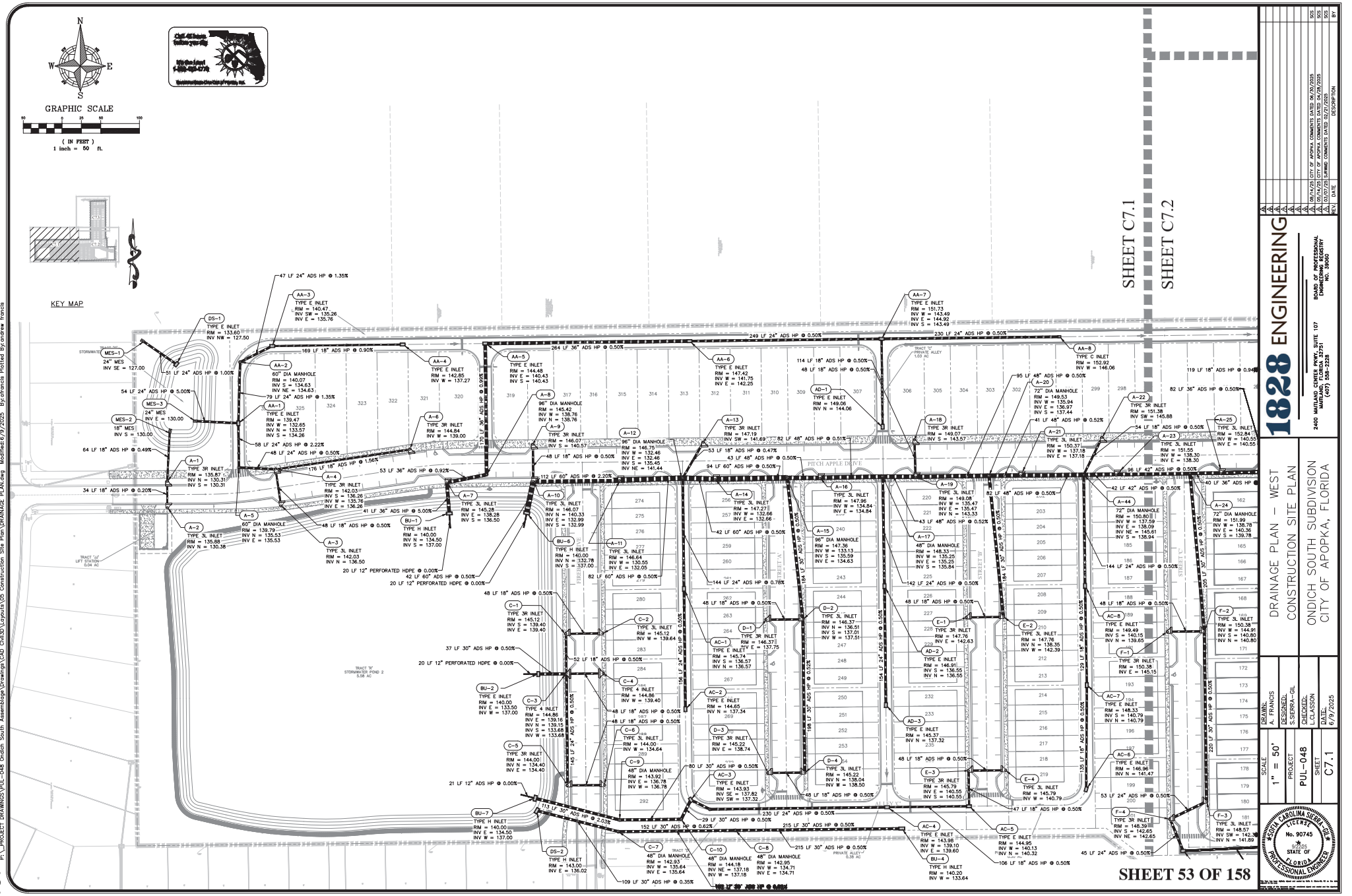
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

SCALE: 1" = 100'
PROJECT: PUL-048
SHEET: C7.0

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
9/2/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE PLAN.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

DRAINAGE PLAN – WEST
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

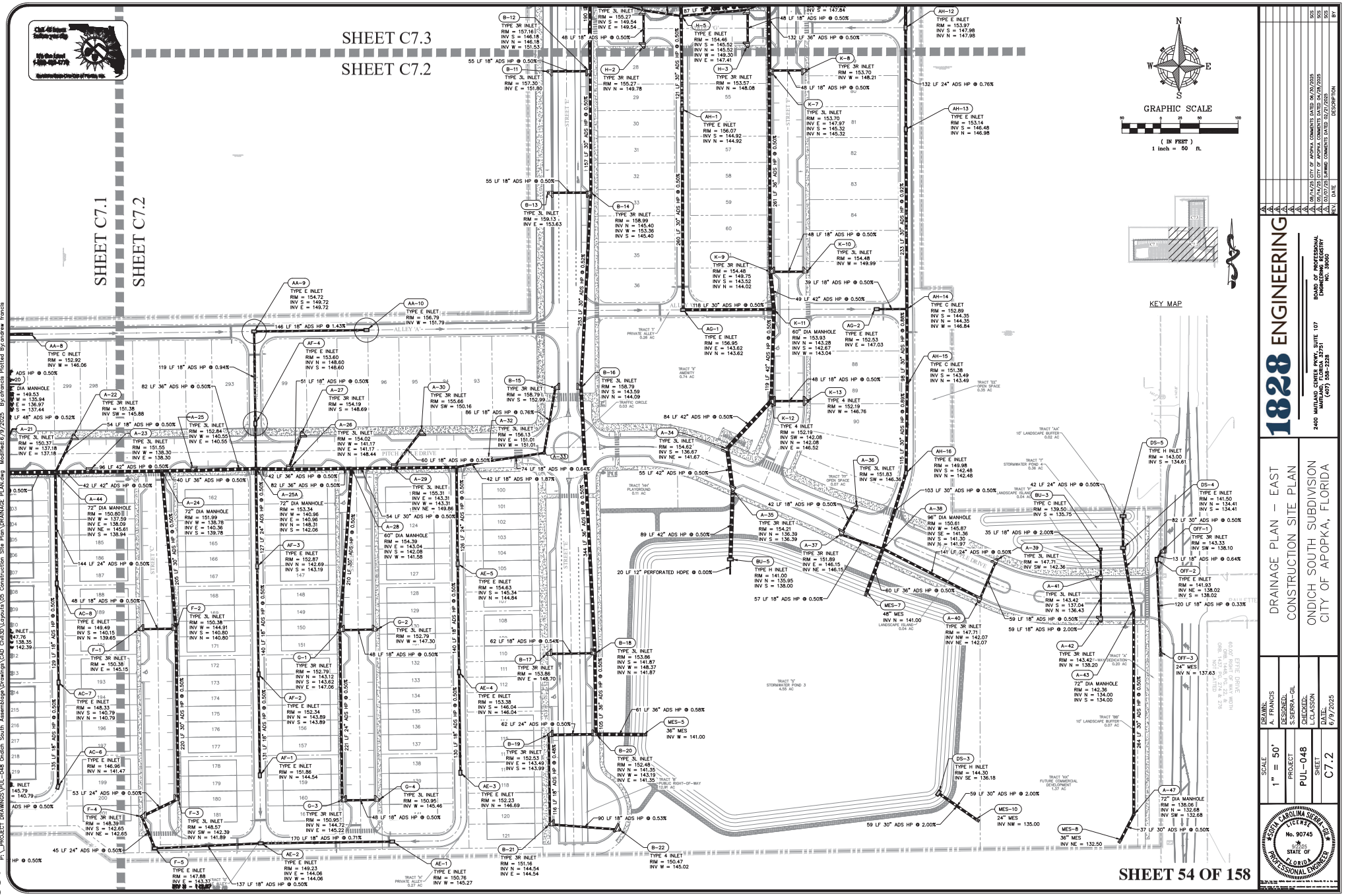
REV.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

SCALE 1" = 50'
PROJECT PUL-048
SHEET C7.1

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE PLAN.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



DRAWINGS\PUL-048 Ondich South Assemblages\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE PLAN.dwg Modified:6/9/2025 By:dfrancis Plotted By:andrew francis

1828 ENGINEERING
2400 MATLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

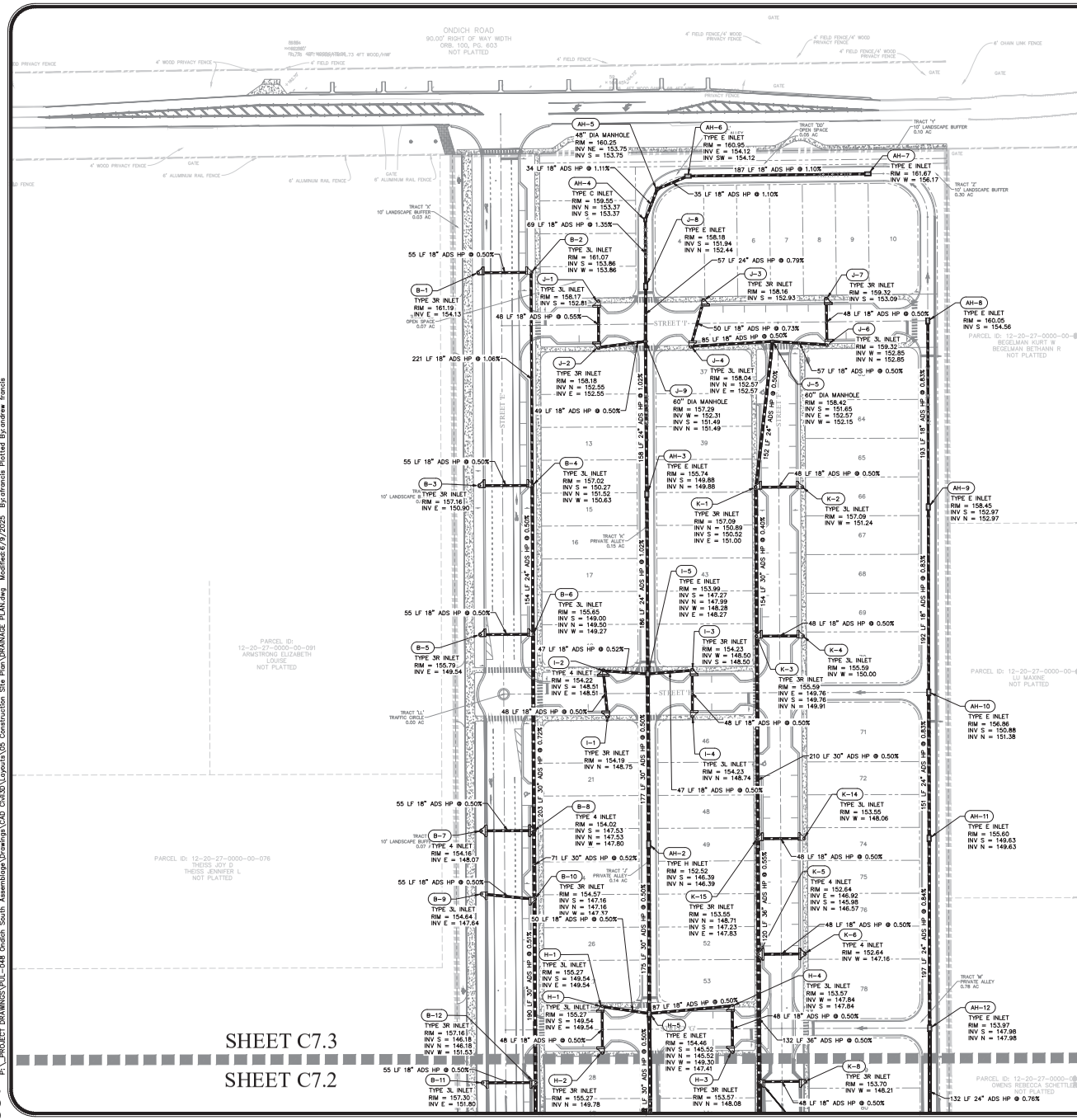
NO.	DATE	DESCRIPTION	BY
4	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

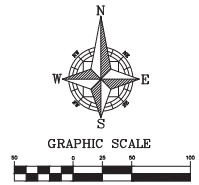
DRAINAGE PLAN – EAST
CONSTRUCTION SITE PLAN

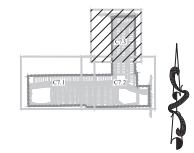
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

SCALE: 1" = 50'
PROJECT: PUL-048
SHEET: C7.2
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER







KEY MAP

SHEET 55 OF 158

REV.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/21/2025	SCS
1	02/14/25		

1828 ENGINEERING

2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228

BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

DRAINAGE PLAN – NORTH
CONSTRUCTION SITE PLAN

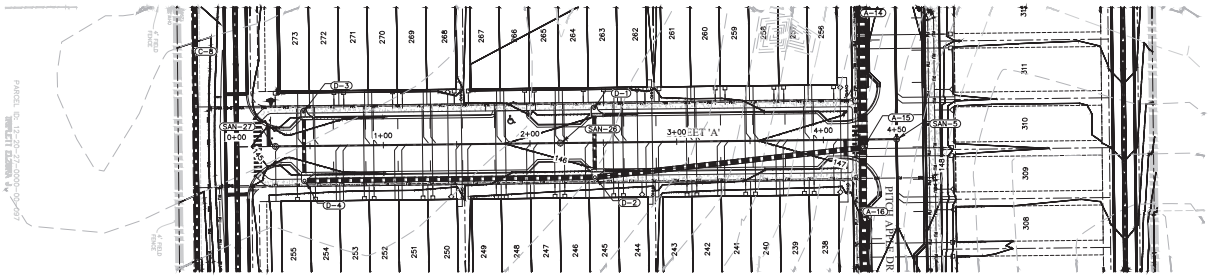
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

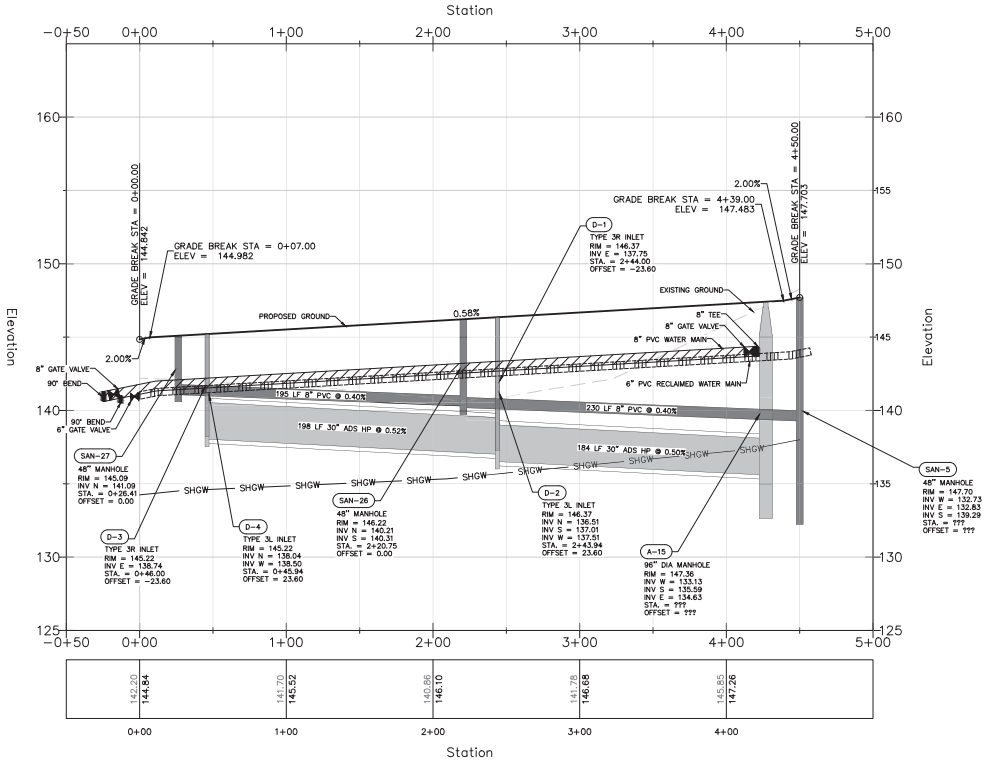
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

SCALE 1" = 50'
PROJECT PUL-048
SHEET C7.3

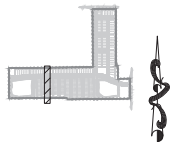
SASHA CAROLINA SIERRA-GIL
LICENSE
No. 90745
9/2/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil30\Layouts\05 Construction Site Plan\DRAINAGE PLAN.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis









KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSEDSTORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 56 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

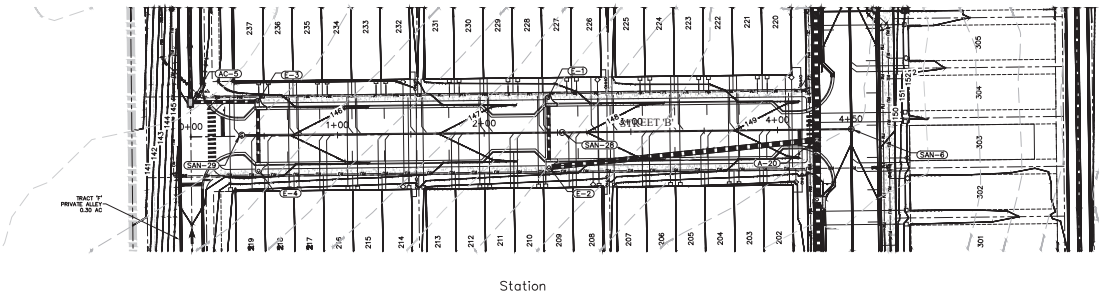
PLAN & PROFILE - STREET A
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

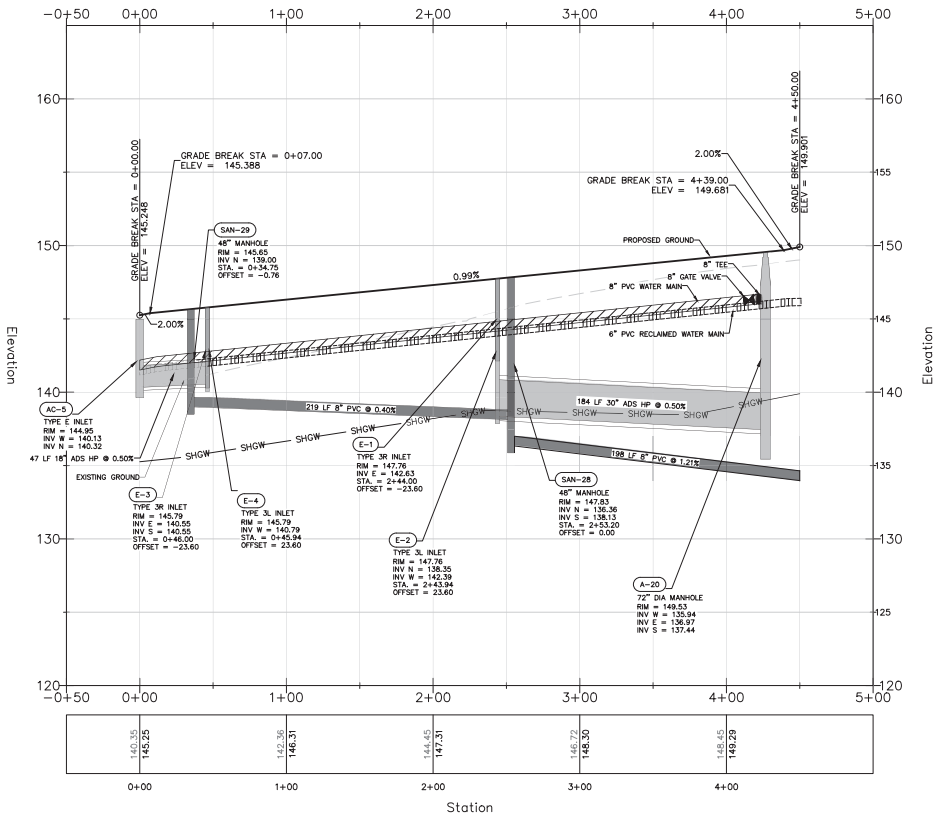
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.0

Sandra C. Sierra-Gil, P.E. 86813 STATE OF FLORIDA

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET A.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



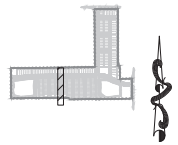
Station





GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 57 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

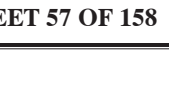
PLAN & PROFILE - STREET B
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

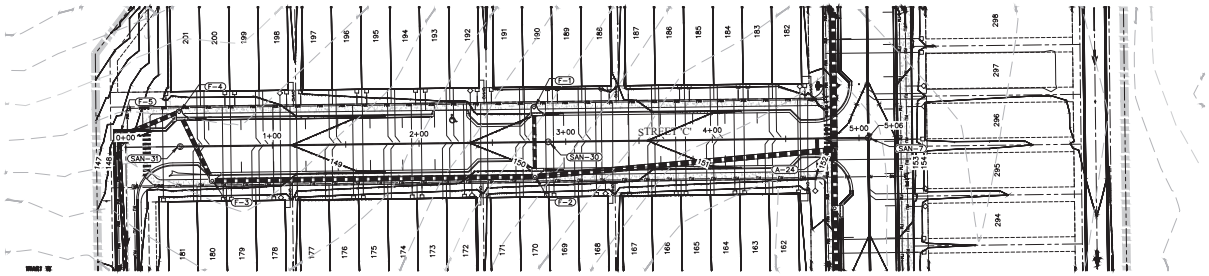
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

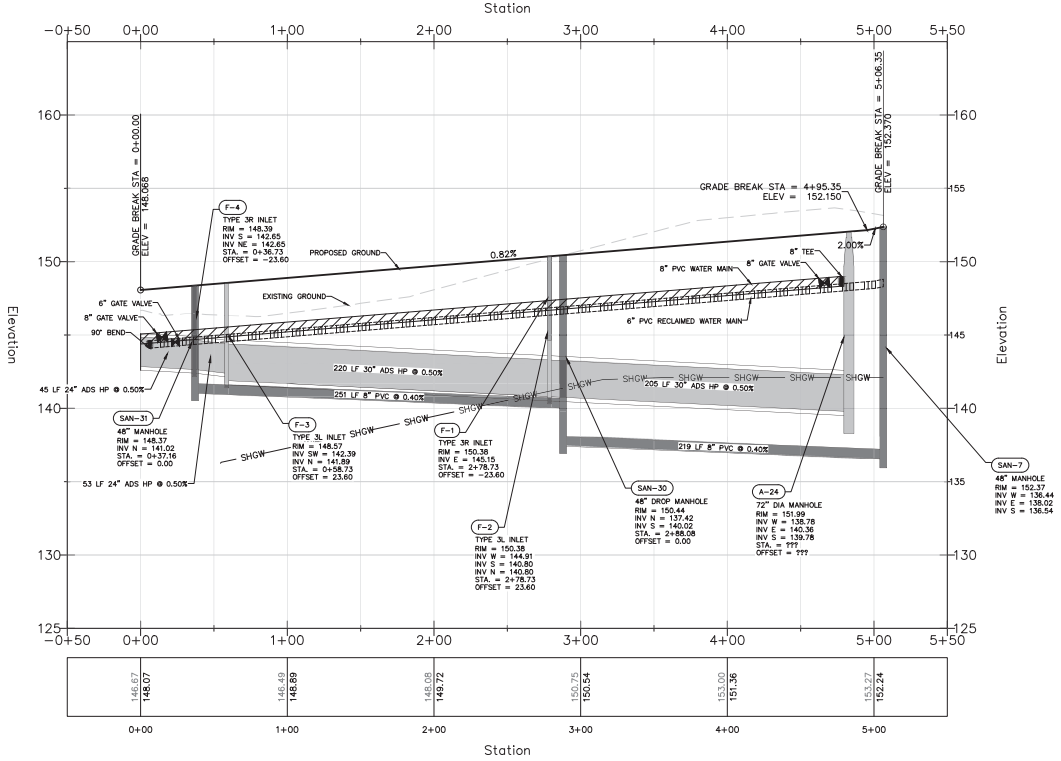
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.1





P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET B.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew.francis

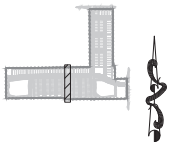






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 58 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

PLAN & PROFILE - STREET C
CONSTRUCTION SITE PLAN

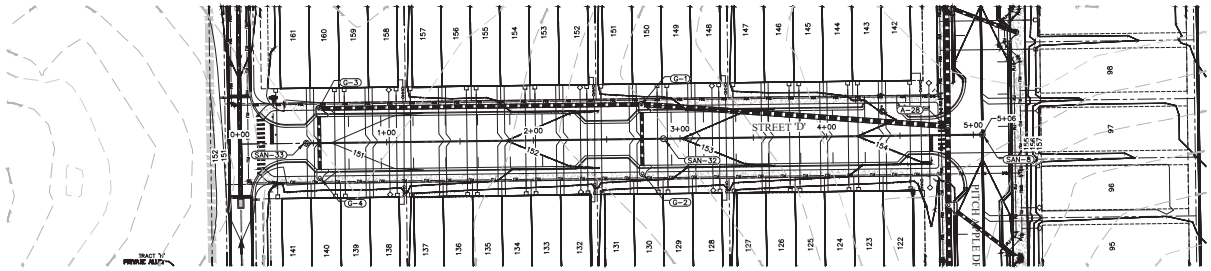
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

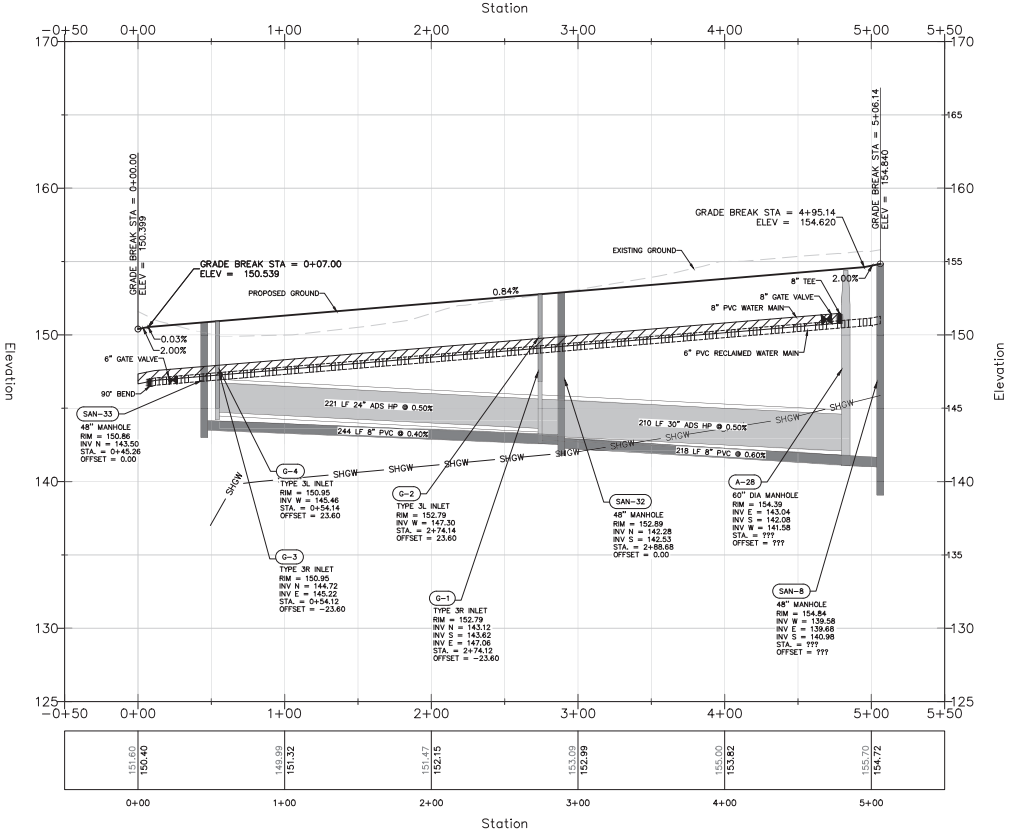
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025

SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.2



P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET C.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis



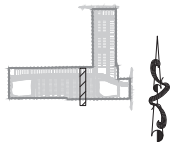




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 59 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

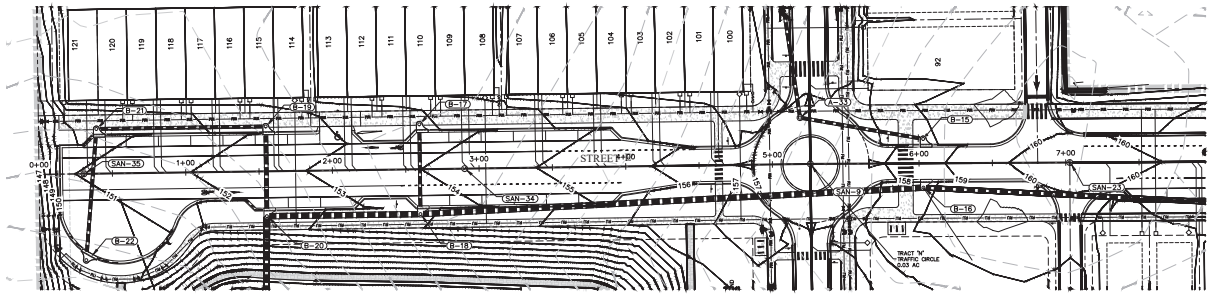
PLAN & PROFILE - STREET D
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	6/9/2025
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.3

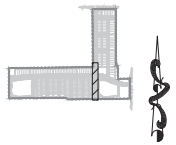
SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET D.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



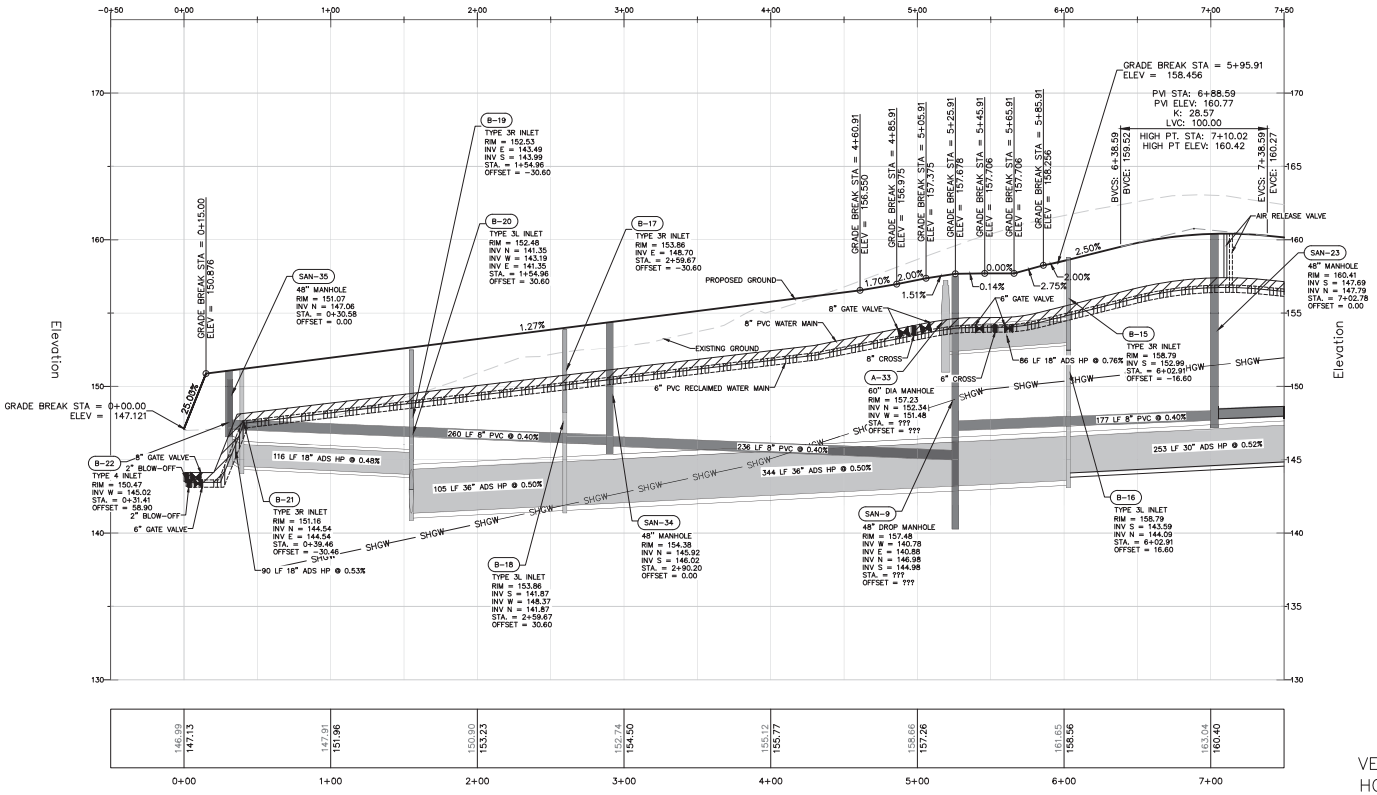
GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

Station



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSEDSTORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 60 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	04/28/2025	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	02/27/2025	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

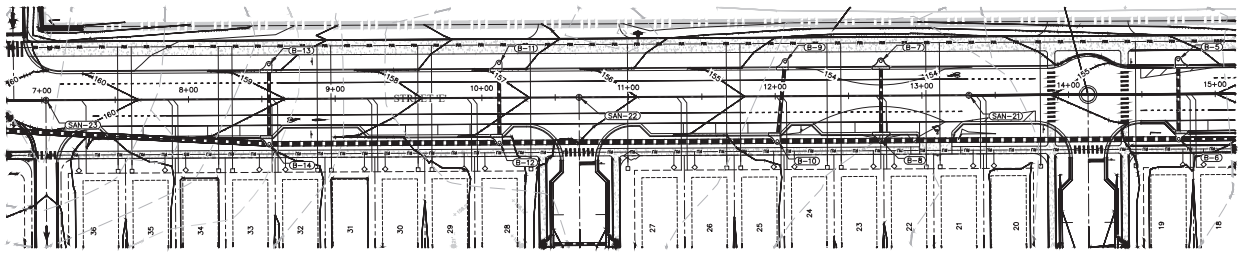
PLAN & PROFILE - STREET E - STA 0+00 TO 7+00
CONSTRUCTION SITE PLAN

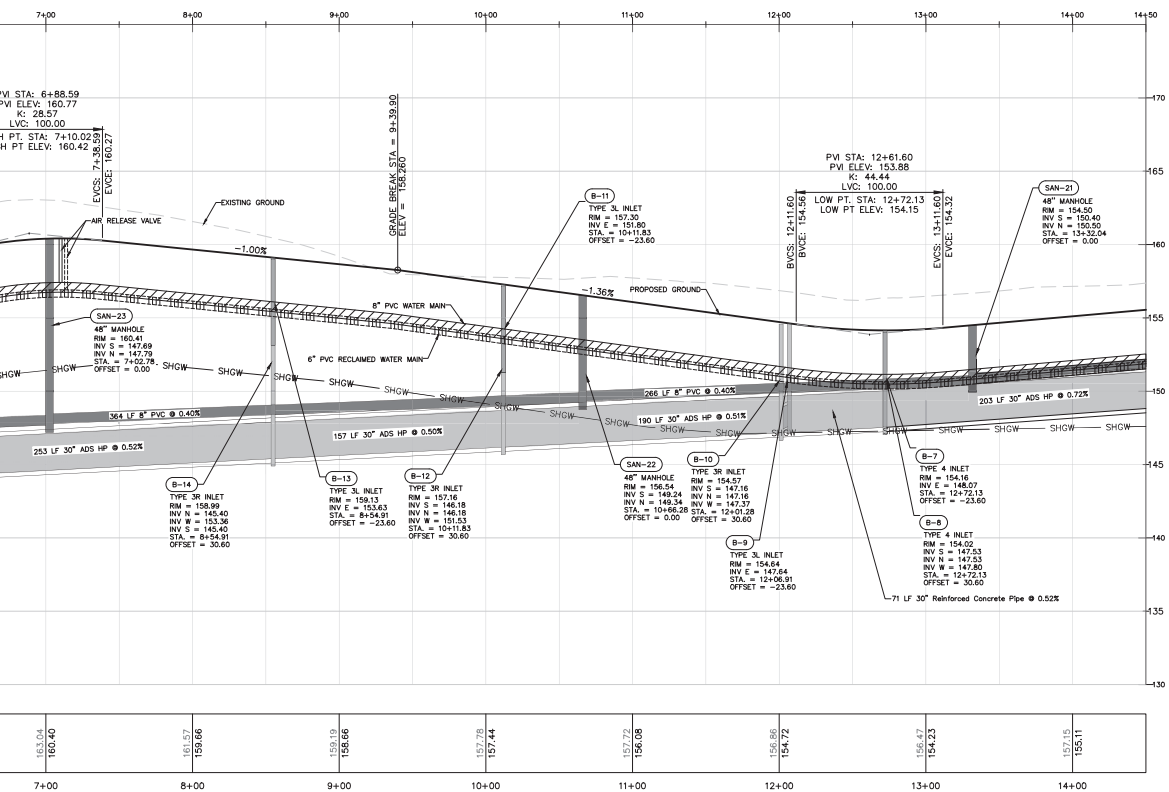
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

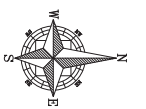
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.4

SOPHIA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET E.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew.francis



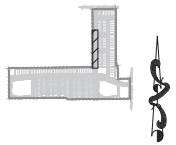




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 61 OF 158

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

PLAN & PROFILE - STREET E - STA 7+00 TO 14+00
CONSTRUCTION SITE PLAN

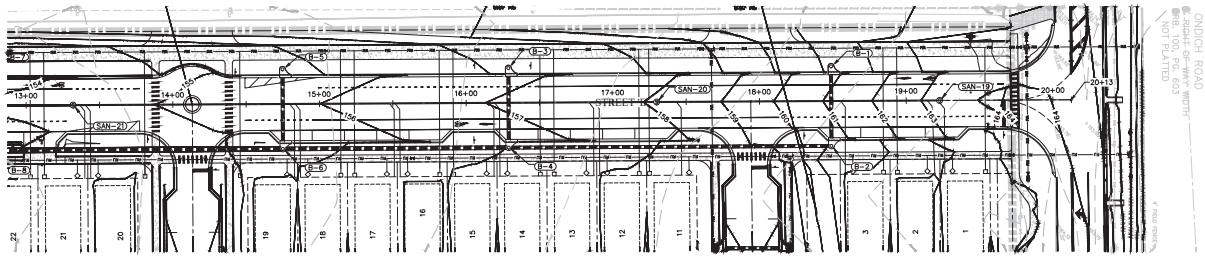
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

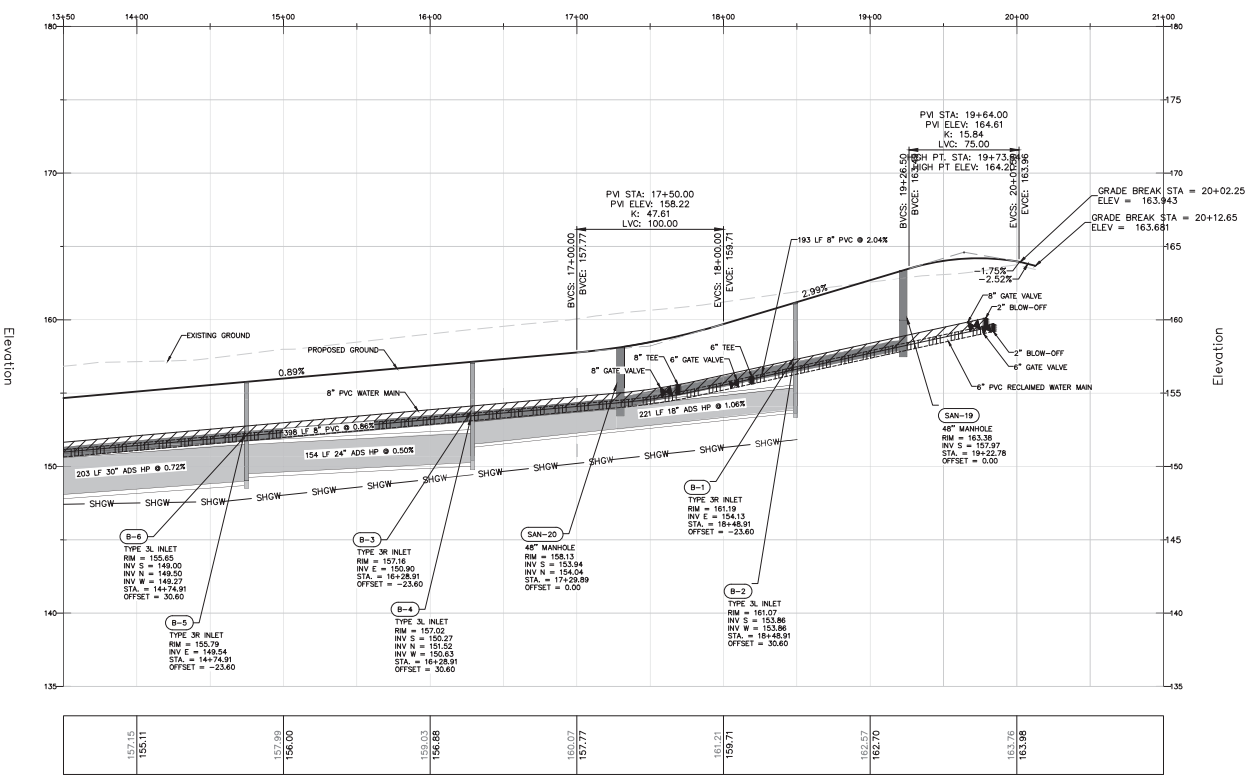
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.5





P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET E.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



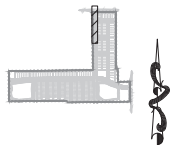




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 62 OF 158

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 08/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	DATE	DESCRIPTION	BY

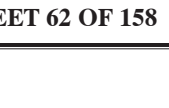
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

PLAN & PROFILE - STREET E - STA 14+00 TO 21+13
CONSTRUCTION SITE PLAN

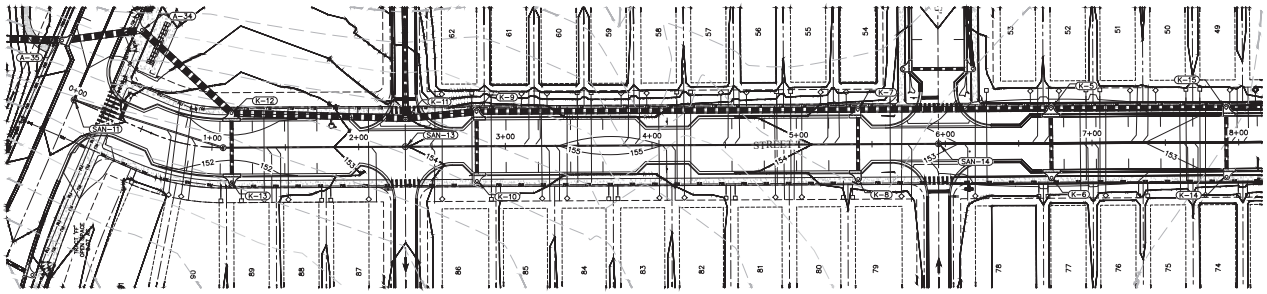
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.6





P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET E.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew.francis

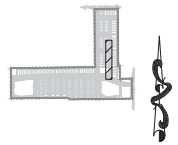




GRAPHIC SCALE

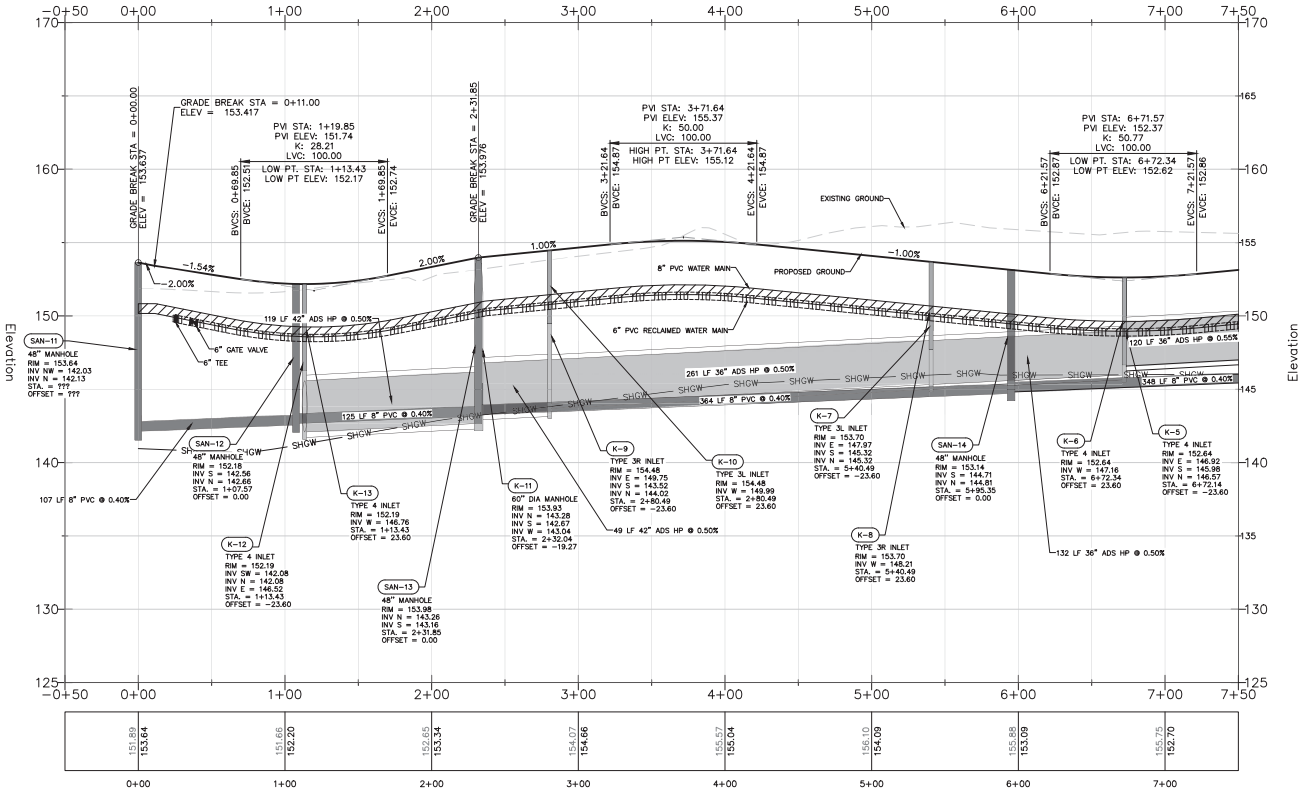
40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

Station



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 63 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

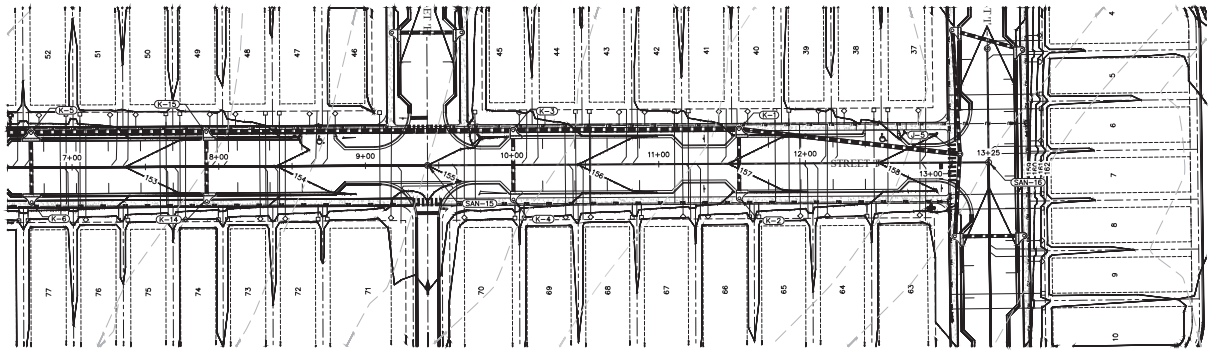
PLAN & PROFILE - STREET F
STA 0+00 TO 7+00
CONSTRUCTION SITE PLAN

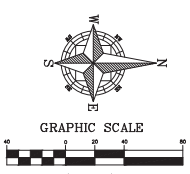
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

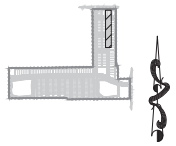
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/19/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.7

KASHA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

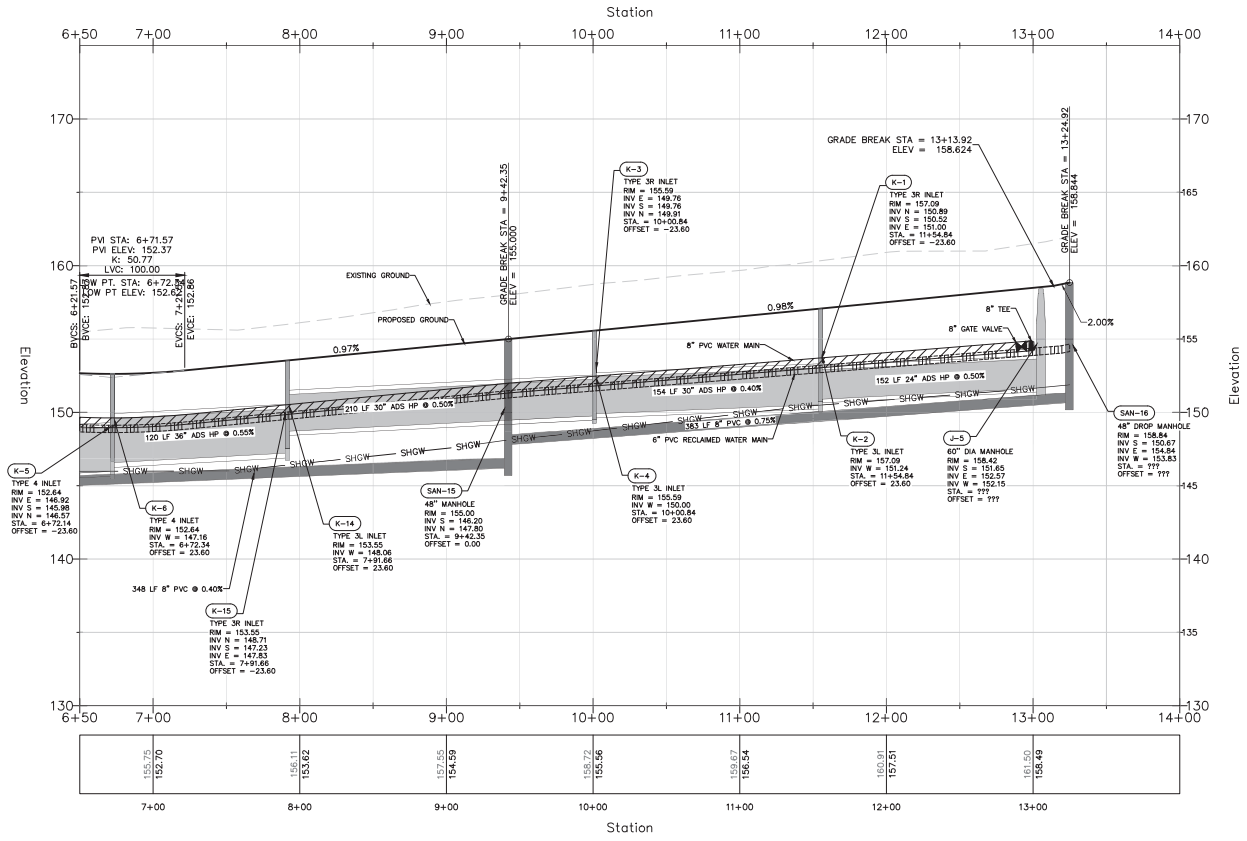
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET F.dwg Modified:6/9/2025 By:cafrancis Plotted By:andrew.francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 64 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	04/28/2025	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	02/27/2025	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	01/24/2025	CITY OF APOPKA COMMENTS DATED 01/24/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

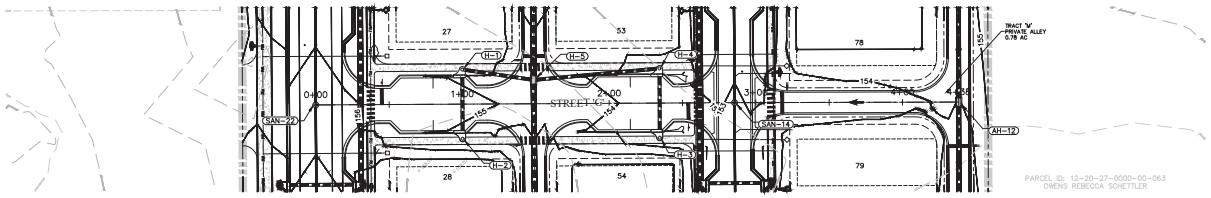
PLAN & PROFILE - STREET F - STA 7+00 TO 13+25
CONSTRUCTION SITE PLAN

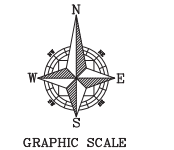
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

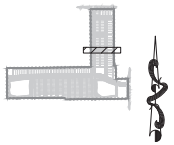
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/19/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.8

SOFIA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

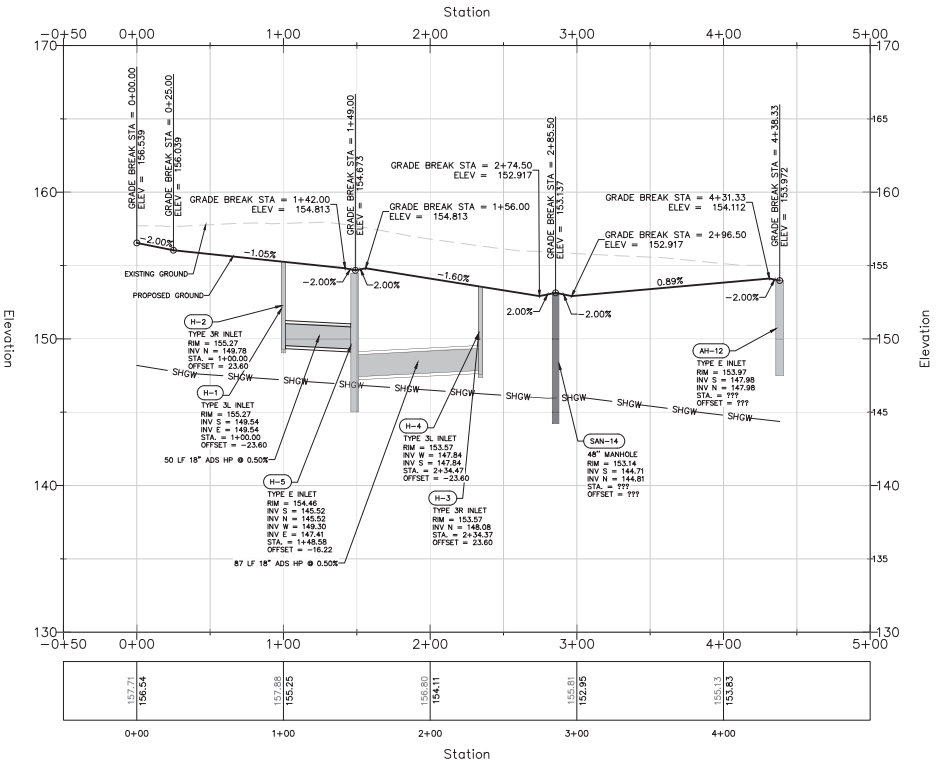
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET F.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew.francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 65 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	04/28/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	02/27/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	01/07/25	CITY OF APOPKA COMMENTS DATED 01/07/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

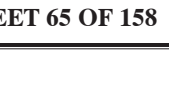
PLAN & PROFILE - STREET G
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

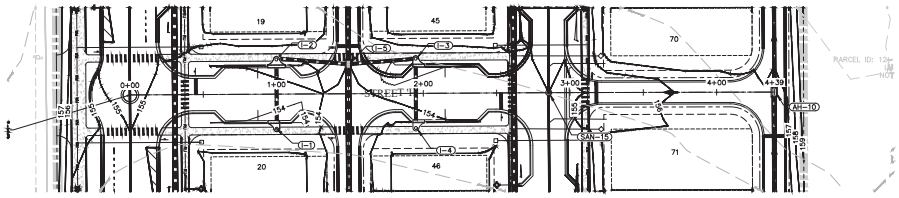
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 3/5/2025

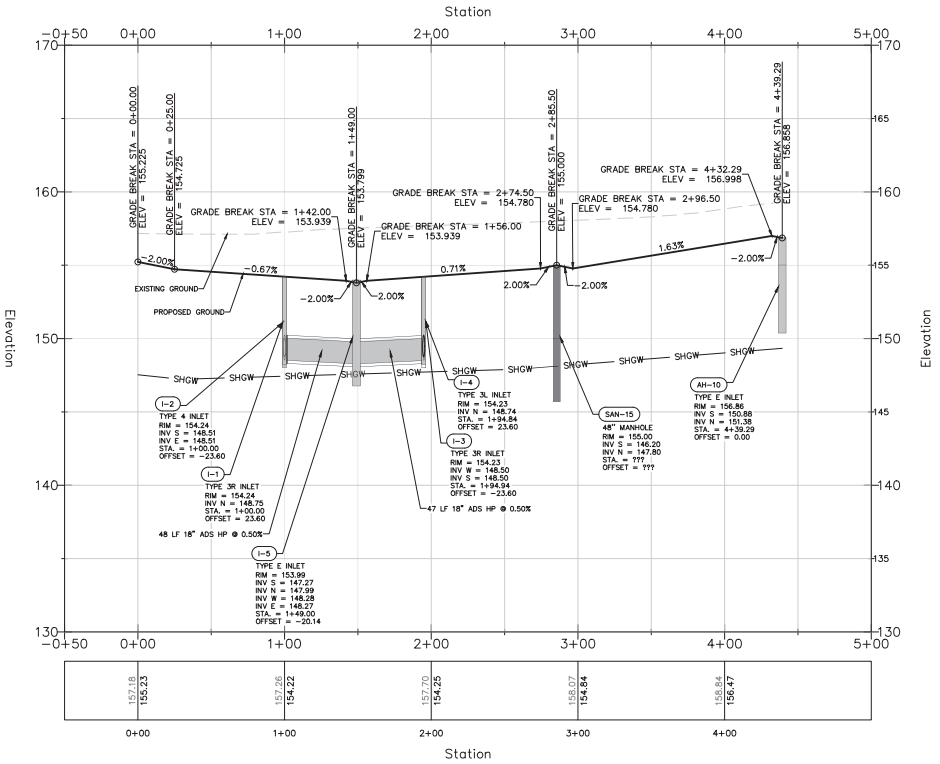
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.9

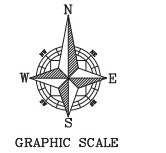


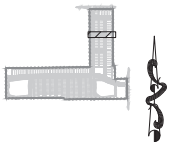


P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET G.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew.francis









KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 66 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

PLAN & PROFILE - STREET H
CONSTRUCTION SITE PLAN

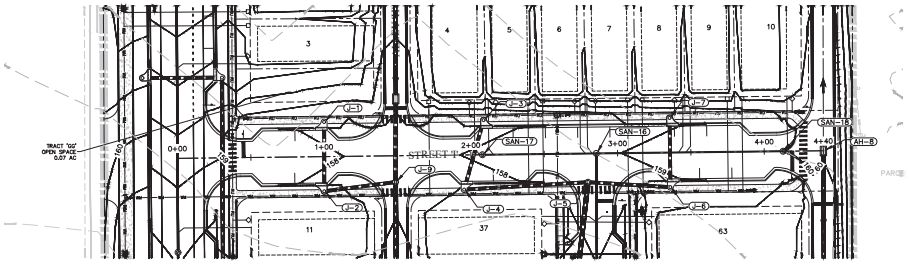
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

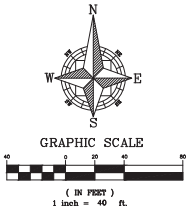
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 3/10/2025

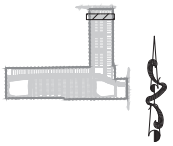
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.10

SCOTT CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

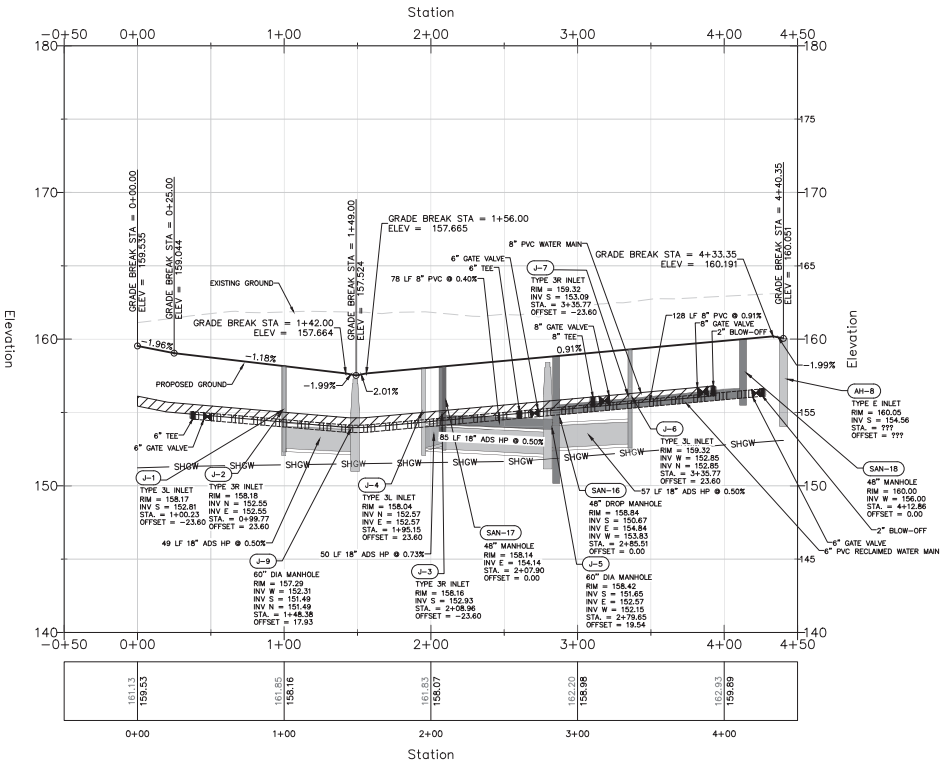
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - STREET H.dwg Modified:6/9/2025 By:cathrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62−55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON−SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62−610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM−TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY− OR PRESSURE−TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62−610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY−TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON−SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E−6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY− OR VACUUM−TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE−TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM−TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62−610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY− OR PRESSURE−TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62−610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 67 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

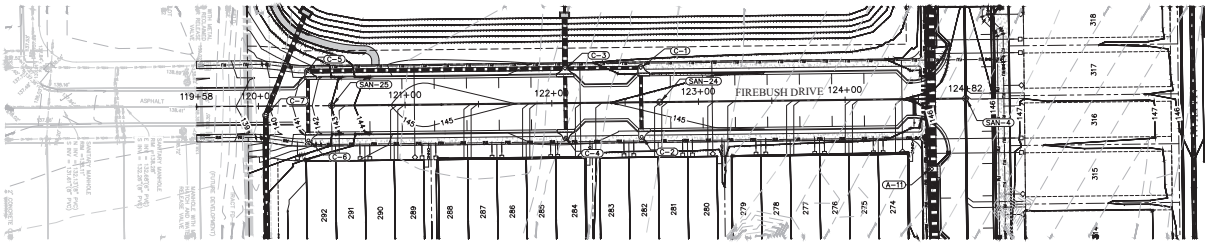
PLAN & PROFILE − STREET I
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA−GIL
CHECKED: L.CLASSON
DATE: 5/19/2025
SCALE: 1" = 40'
PROJECT: PUL−048
SHEET: C8.11

NORTH CAROLINA SIERRA−GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL−048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE − STREET I.dwg Modified:6/9/2025 By:andrew francis Plotted By:andrew francis

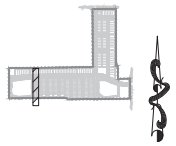




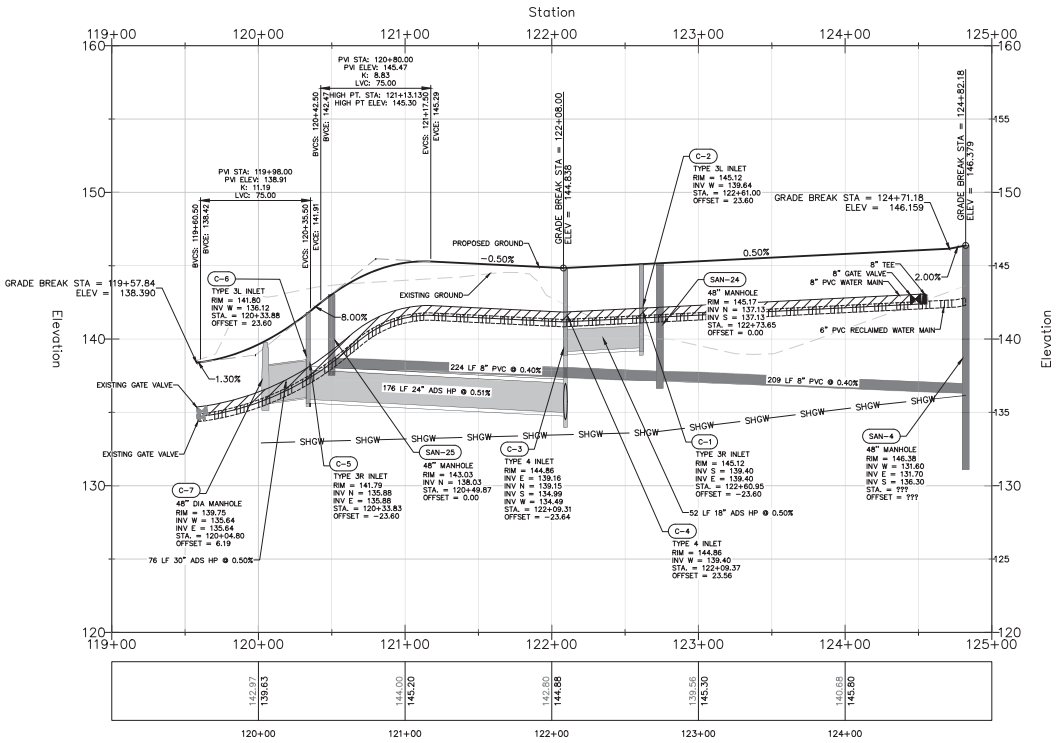
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 68 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	02/14/25	CITY OF APOPKA COMMENTS DATED 02/14/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

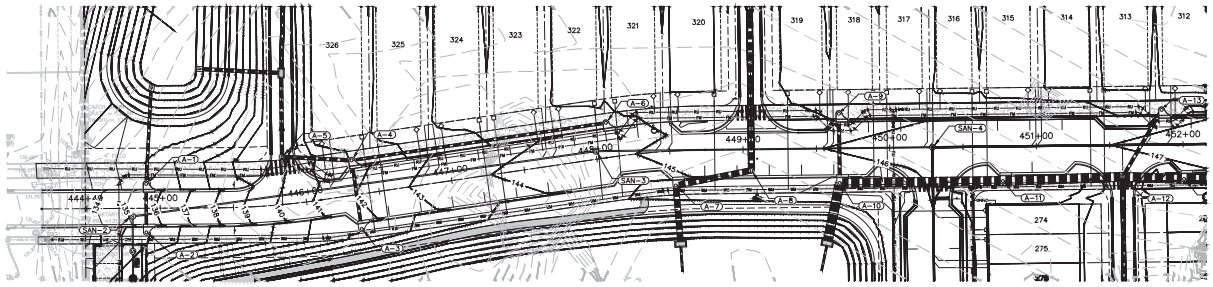
PLAN & PROFILE - FIREBUSH DRIVE
CONSTRUCTION SITE PLAN

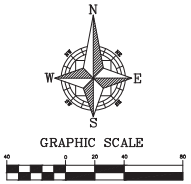
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

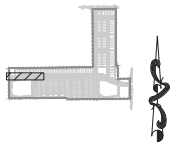
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/8/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.12

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

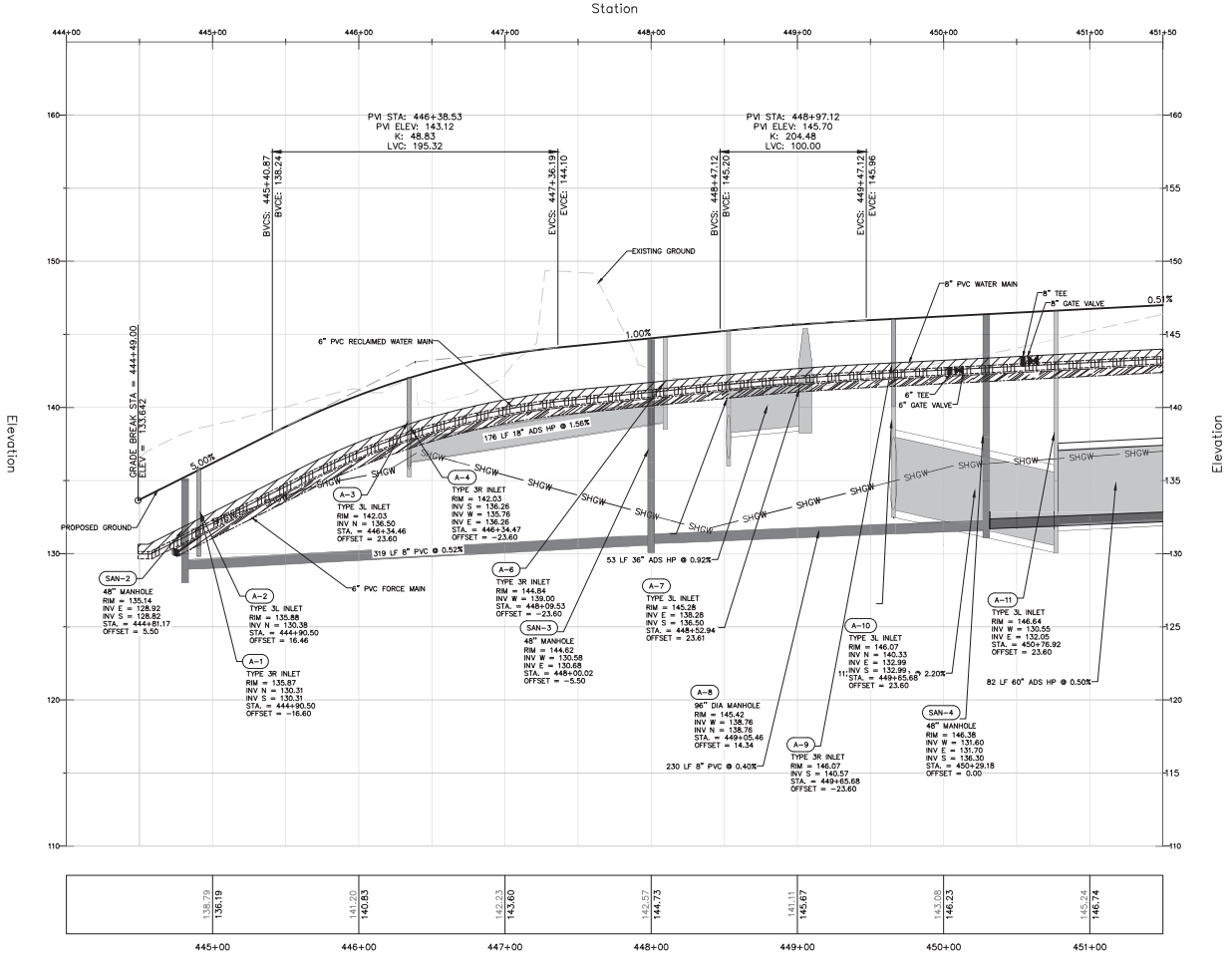
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - FIREBRUSH DRIVE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 69 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJH&D COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

PLAN & PROFILE - PITCH APPLE DRIVE - STA 449+49 TO 451+00
CONSTRUCTION SITE PLAN

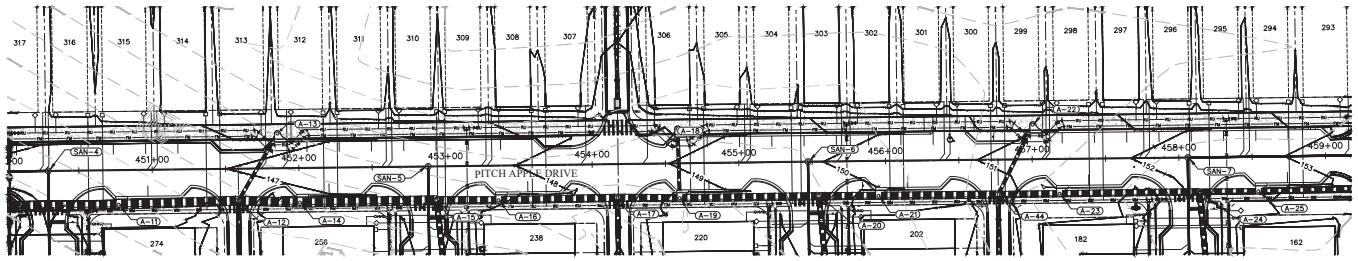
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

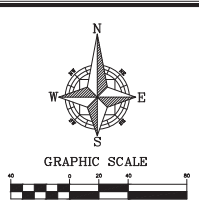
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	6/9/2025
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.13

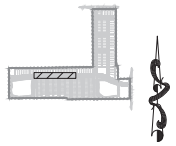


SIERRA CAROLINA GIL
LICENSE
No. 90745
9/2025
STATE OF FLORIDA
PROFESSIONAL ENGINEER

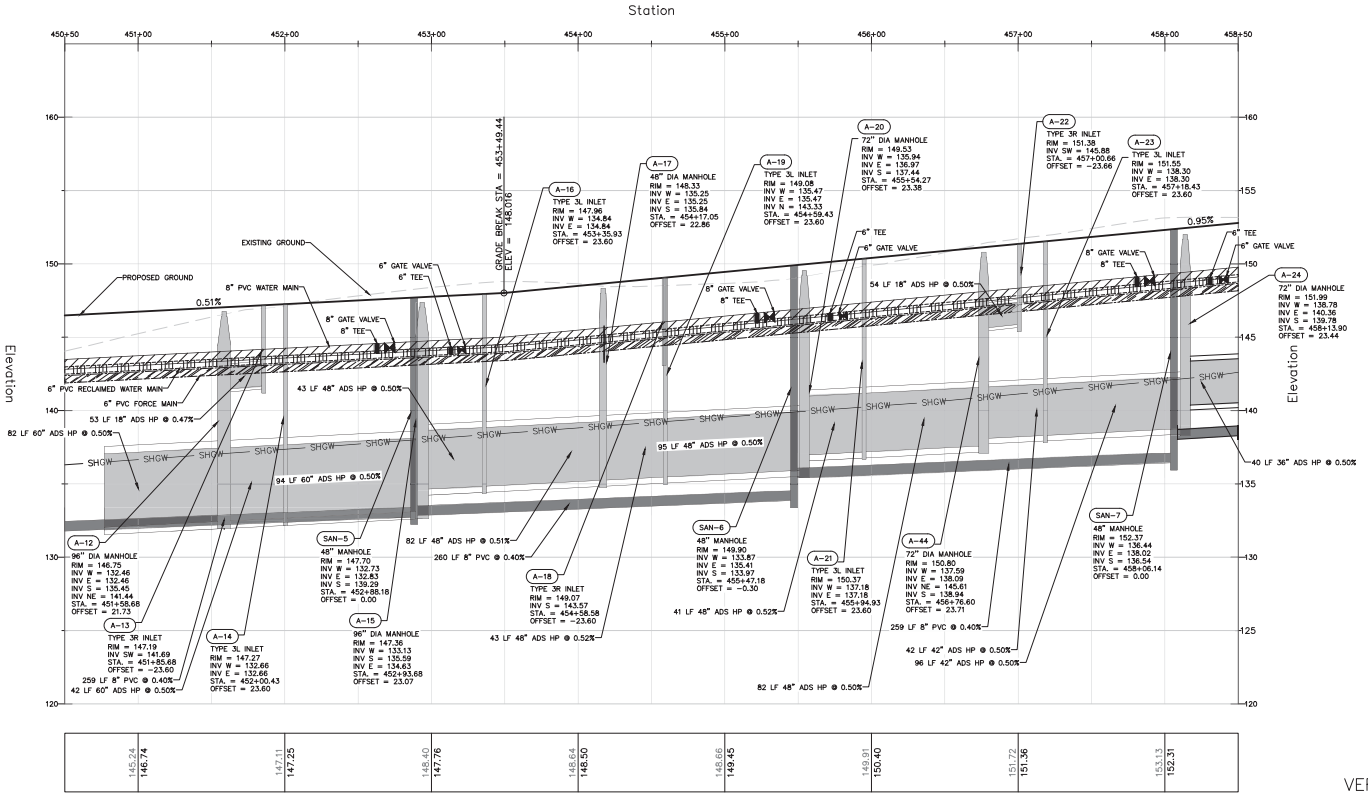
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - PITCH APPLE DRIVE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 70 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/2025	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	02/14/25	SJRWMD COMMENTS DATED 02/13/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

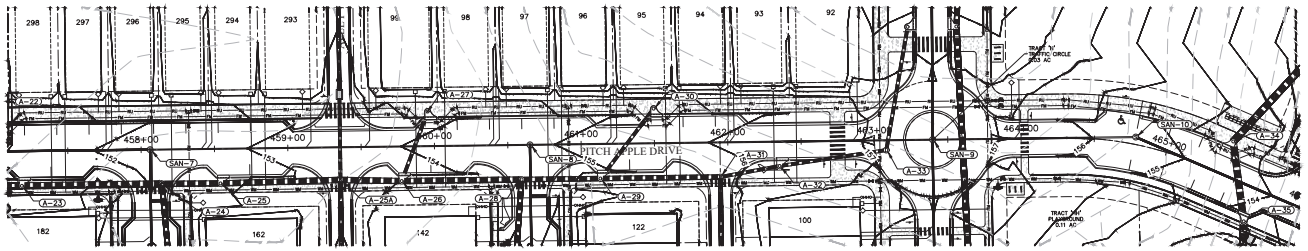
PLAN & PROFILE - PITCH APPLE DRIVE - STA 451+00 TO 458+00
CONSTRUCTION SITE PLAN

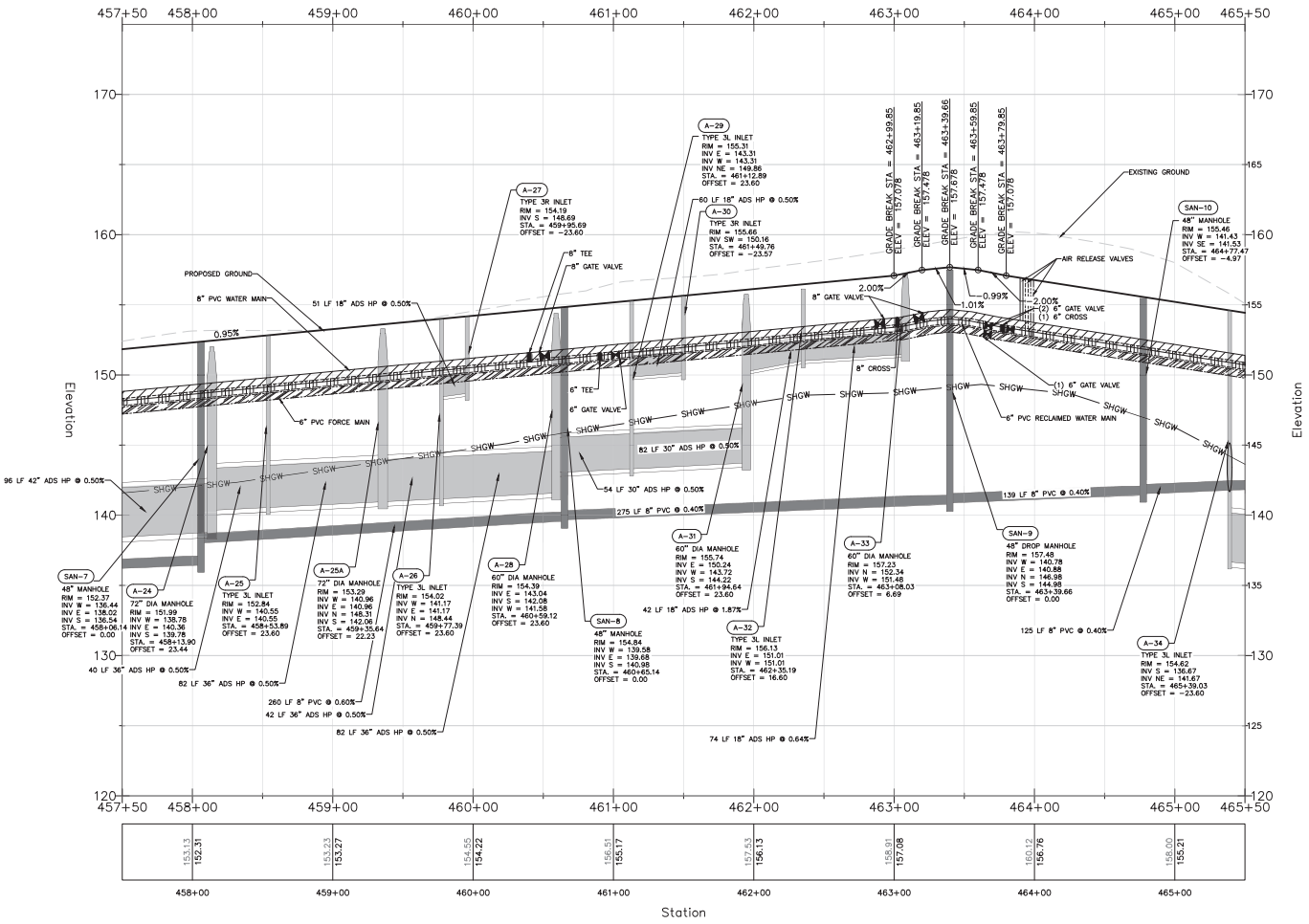
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

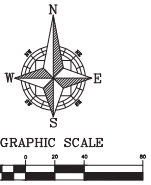
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.14

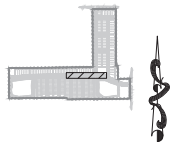
NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - PITCH APPLE DRIVE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis









KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 71 OF 158

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

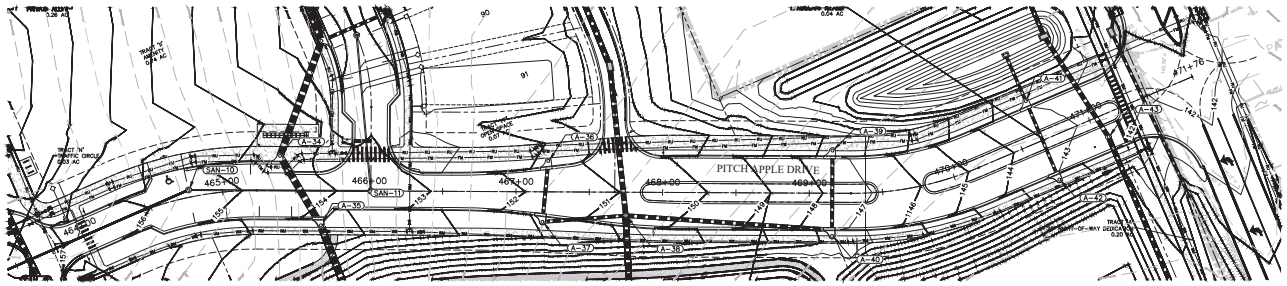
PLAN & PROFILE - PITCH APPLE DRIVE - STA 458+00 TO 465+00
CONSTRUCTION SITE PLAN

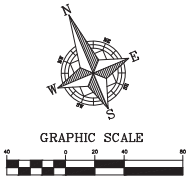
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

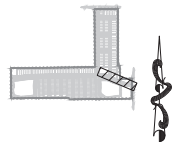
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 6/9/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.15

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

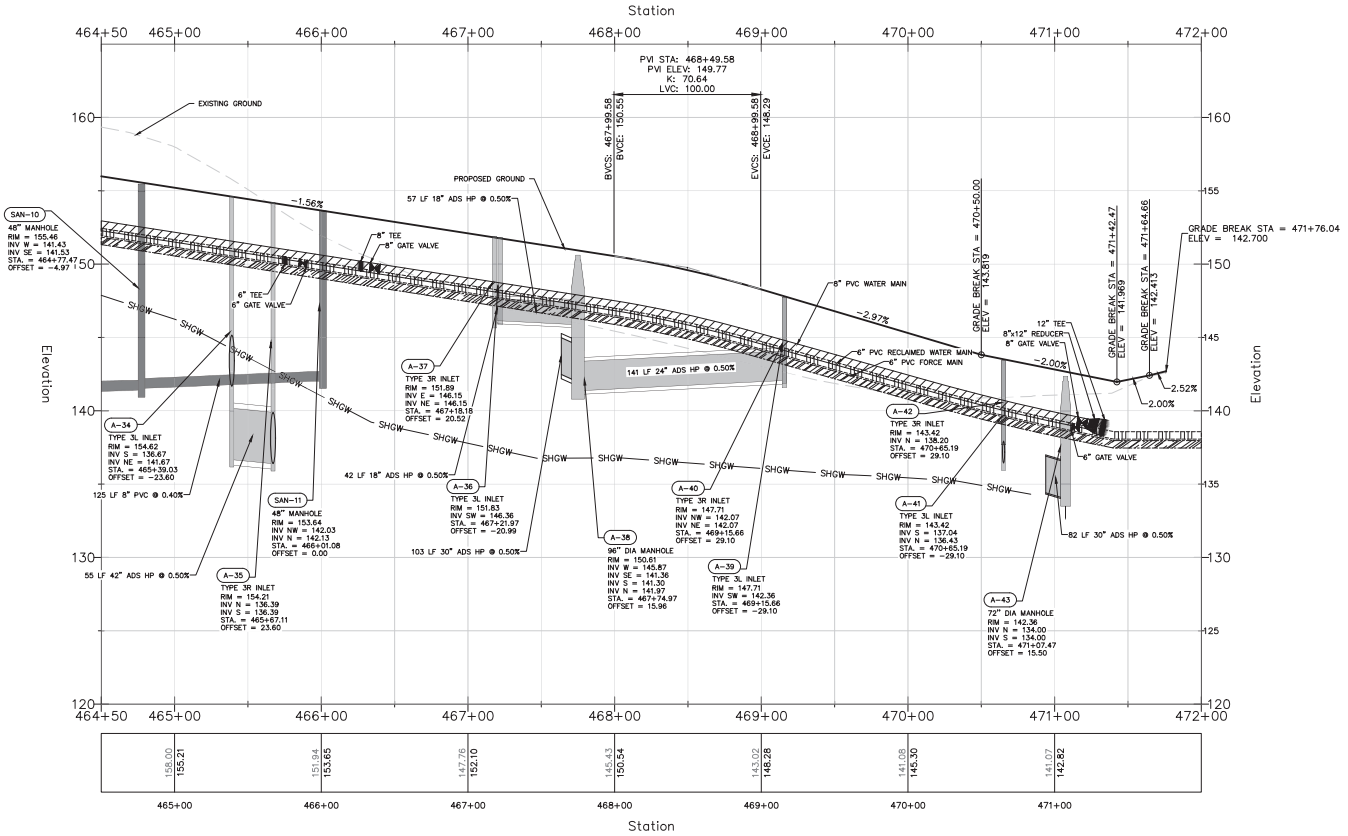
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - PITCH APPLE DRIVE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 72 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

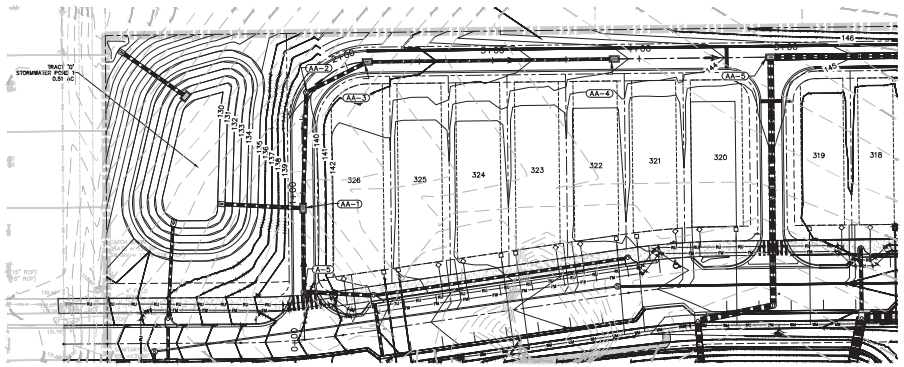
PLAN & PROFILE - PITCH APPLE DRIVE - STA 465+00 TO 471+76
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

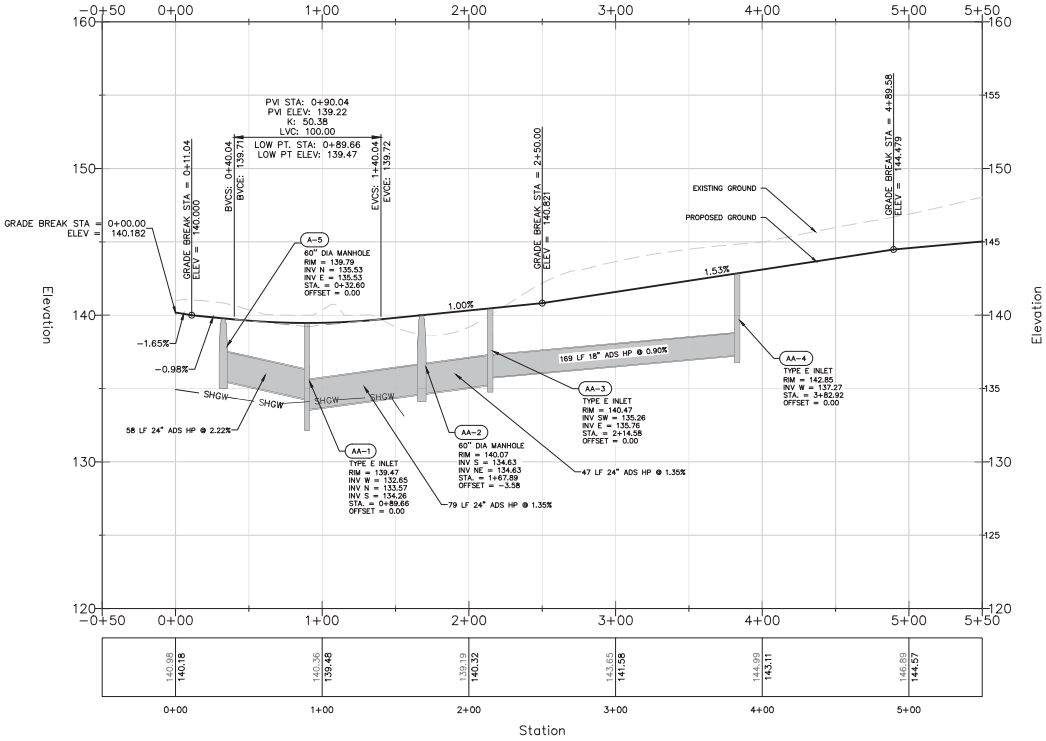
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	6/9/2025
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.16

SCOTT CAROLINA SIERRA-GIL
LICENSE
No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - PITCH APPLE DRIVE.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



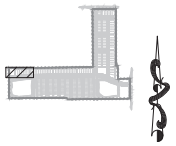
Station





GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 73 OF 158

NO.	DATE	DESCRIPTION	BY
3	08/20/25	CITY OF APOPKA COMMENTS DATED 06/20/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PLAN & PROFILE - ALLEY A - STA 0+00 TO 5+00
CONSTRUCTION SITE PLAN

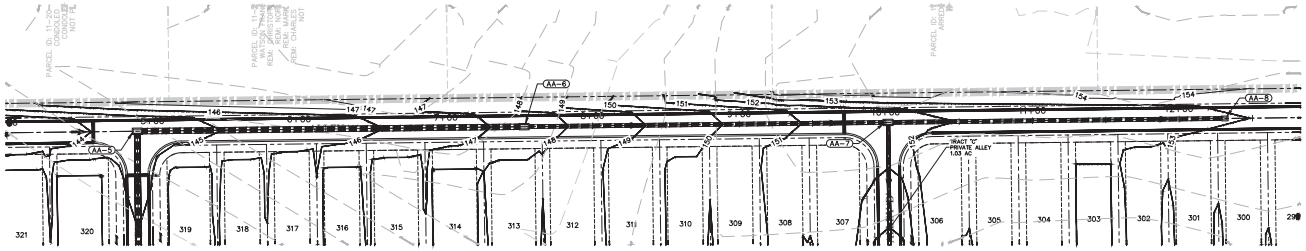
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

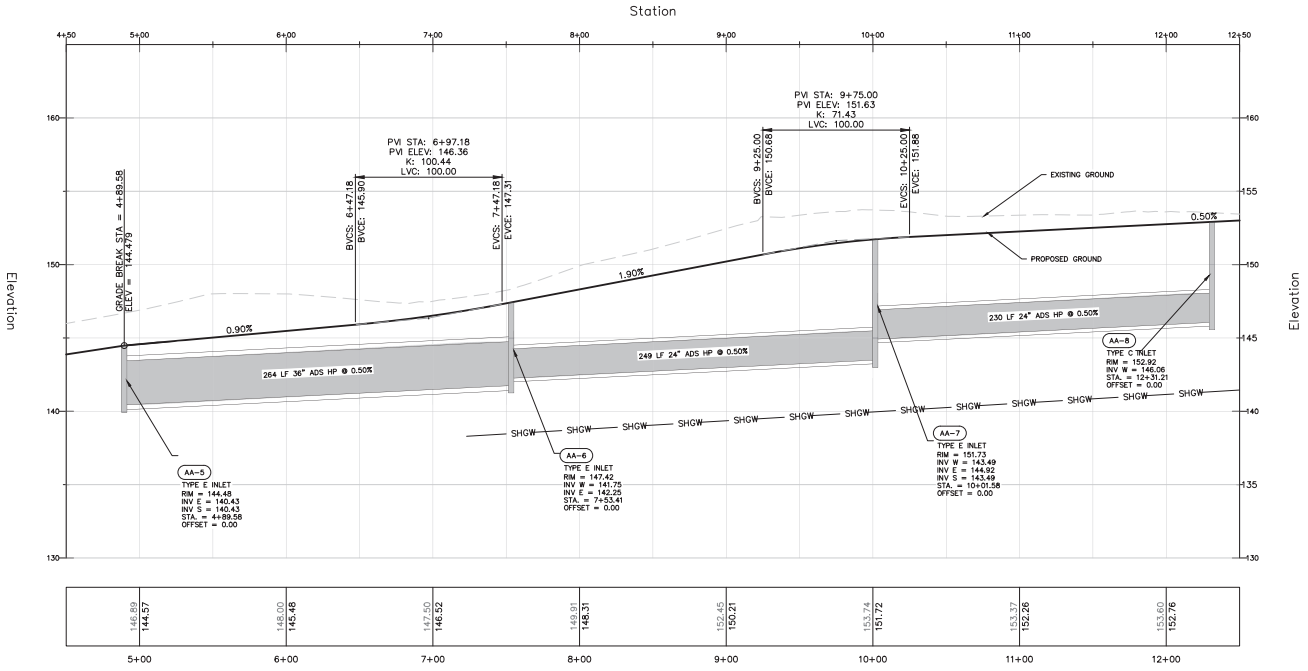
DRAWN:	DESIGNED:	CHECKED:	DATE:
A. FRANCIS	S.SIERRA-GIL	L.CLASSON	4/4/2025

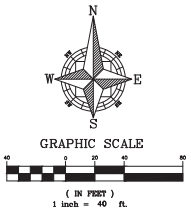
SCALE	PROJECT	SHEET
1" = 40'	PUL-048	C8.17

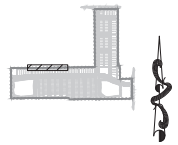
NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY A.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis









KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 74 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

PLAN & PROFILE - ALLEY A
- STA 5+00 TO 12+00
CONSTRUCTION SITE PLAN

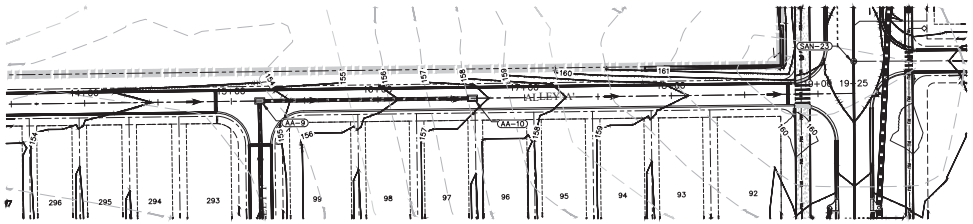
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

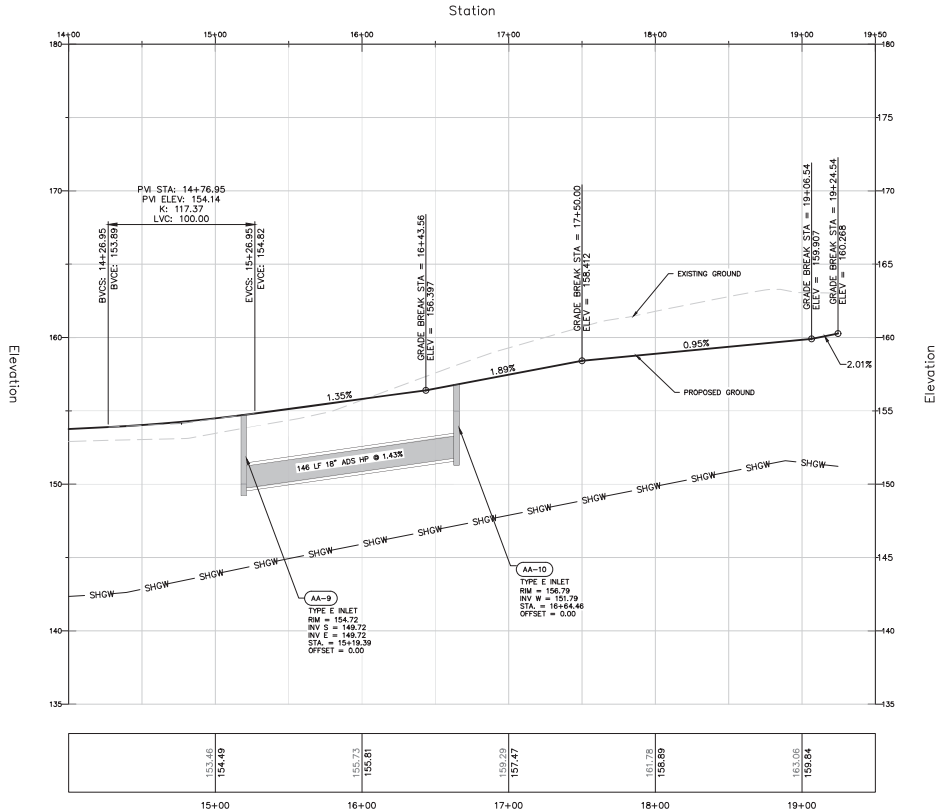
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/4/2025

SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.18

SCOTT CAROLINA SIERRA-GIL
LICENSE
No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY A.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis



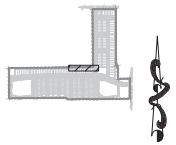




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 75 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	04/28/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	02/27/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

PLAN & PROFILE - ALLEY A - STA 12+00 TO 19+25
CONSTRUCTION SITE PLAN

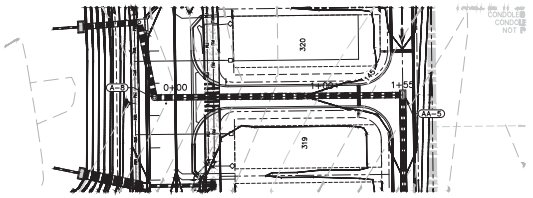
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

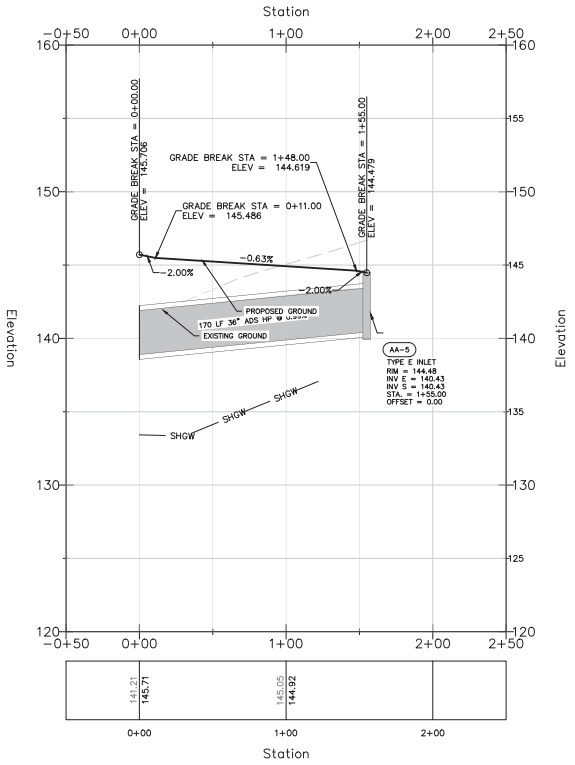
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.19
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	4/4/2025





P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY A.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



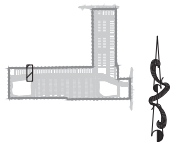




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62–55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON–SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62–610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM–TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY– OR PRESSURE–TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62–610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY–TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON–SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E–6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY– OR VACUUM–TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE–TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM–TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62–610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY– OR PRESSURE–TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62–610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558–2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30060

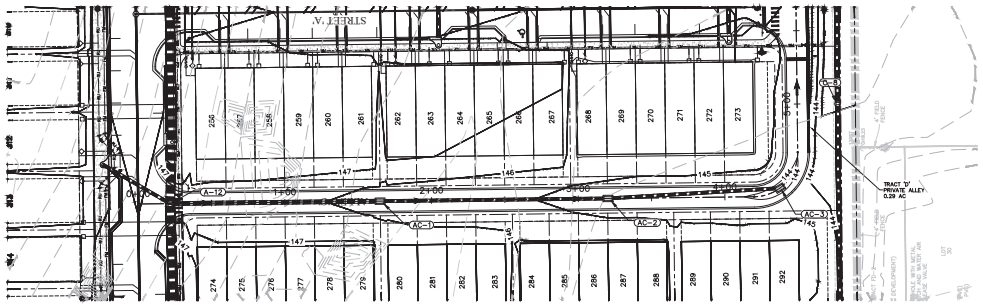
PLAN & PROFILE – ALLEY B
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

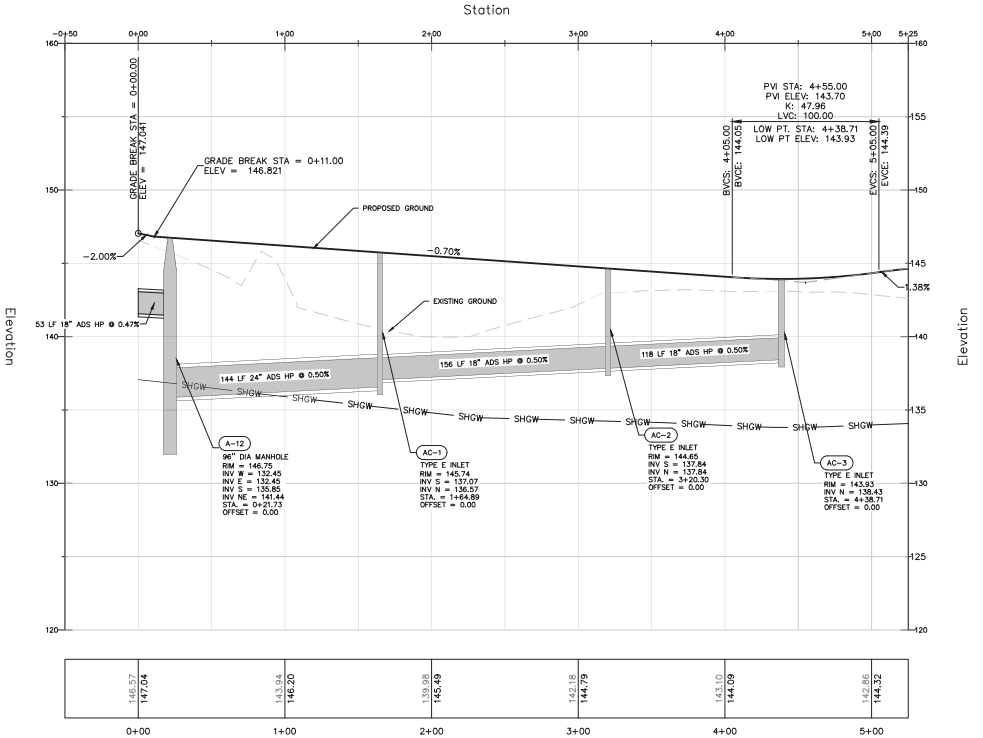
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA–GIL
CHECKED: L.CLASSON
DATE: 4/4/2025

SCALE: 1" = 40'
PROJECT: PUL–048
SHEET: C8.20

NORTH CAROLINA SIERRA–GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL–048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE – ALLEY B.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

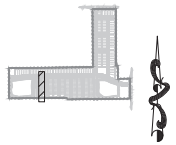






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSEDSTORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 77 OF 158

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

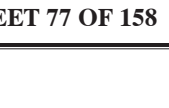
1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30980

PLAN & PROFILE - ALLEY C - STA 0+00 TO 5+00
CONSTRUCTION SITE PLAN

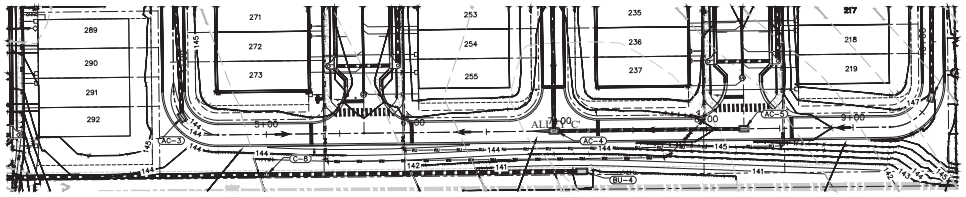
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

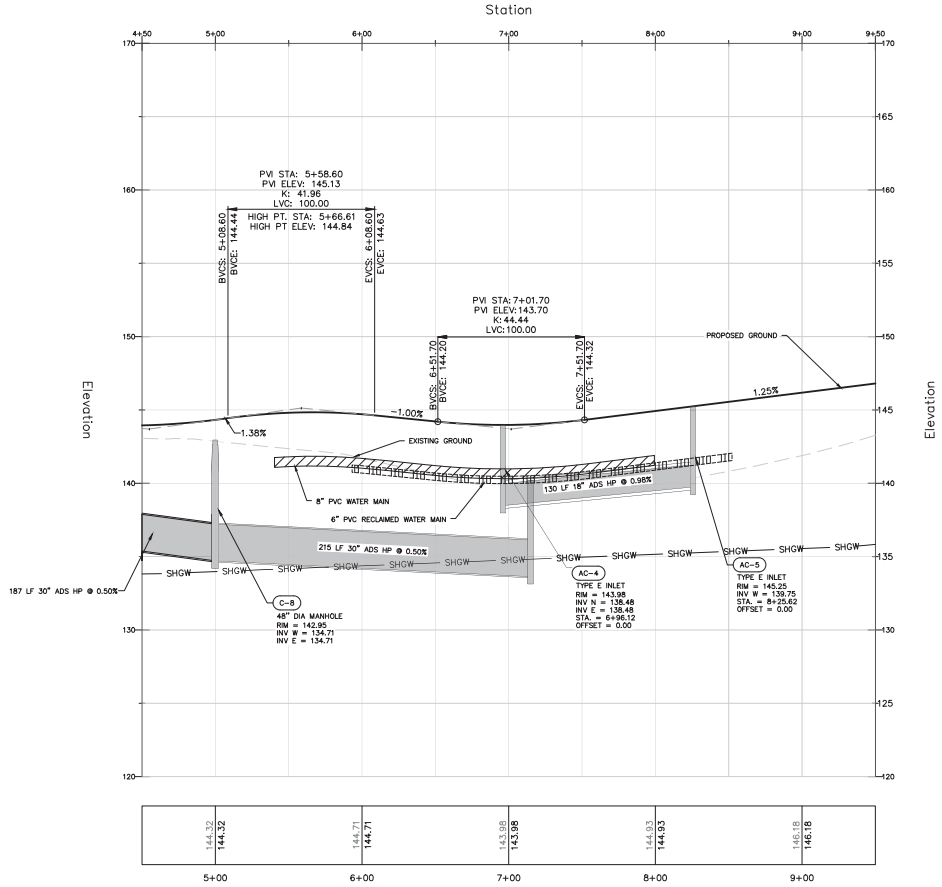
DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	5/19/2025
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.21





P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY C.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

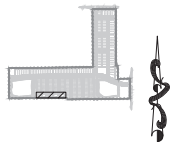






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSEDSTORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 78 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

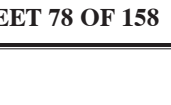
PLAN & PROFILE - ALLEY C - STA 5+00 TO 9+00
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

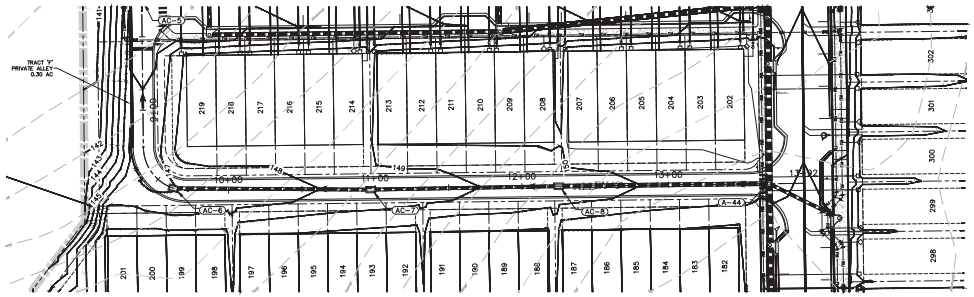
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/19/2025

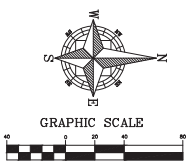
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.22

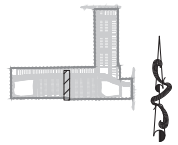




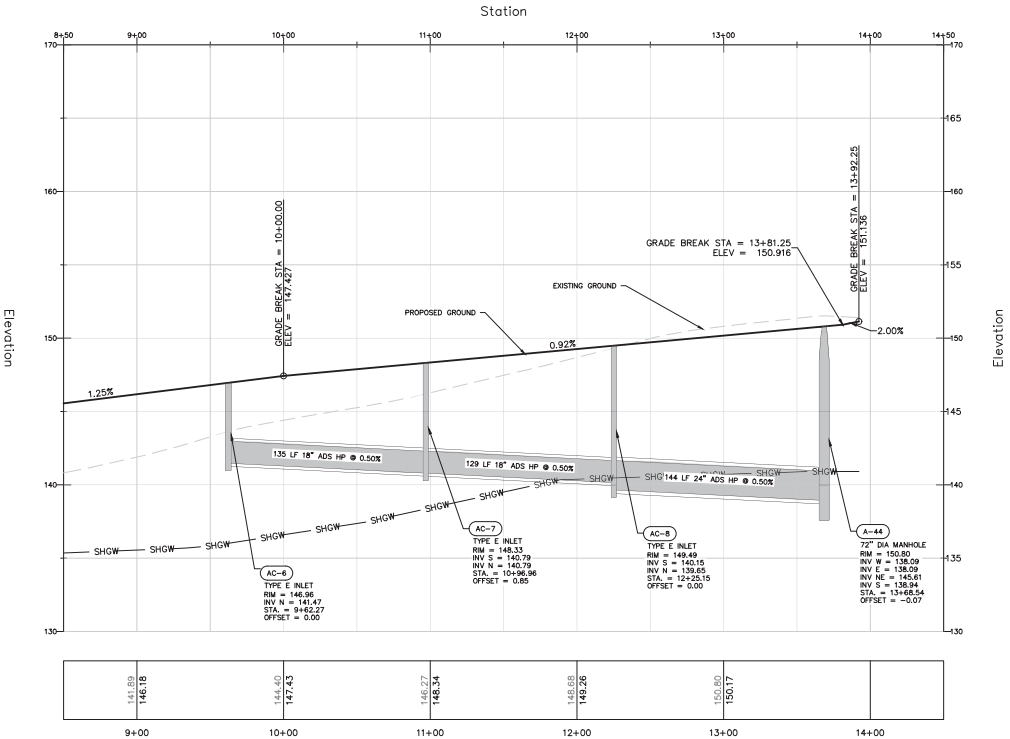
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY C.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'



SHEET 79 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

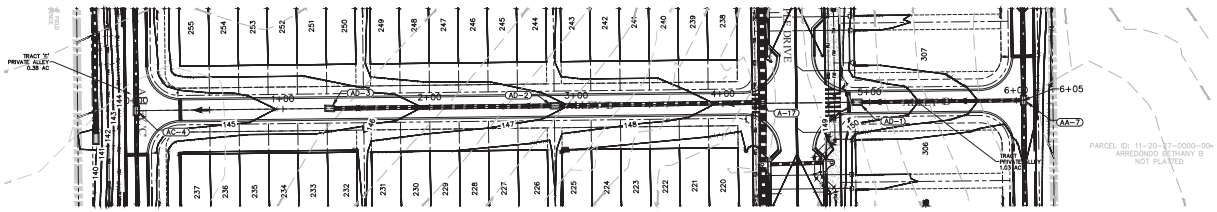
PLAN & PROFILE - ALLEY C - STA 9+00 TO 13+92
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 5/19/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.23

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY C.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

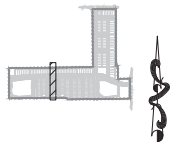




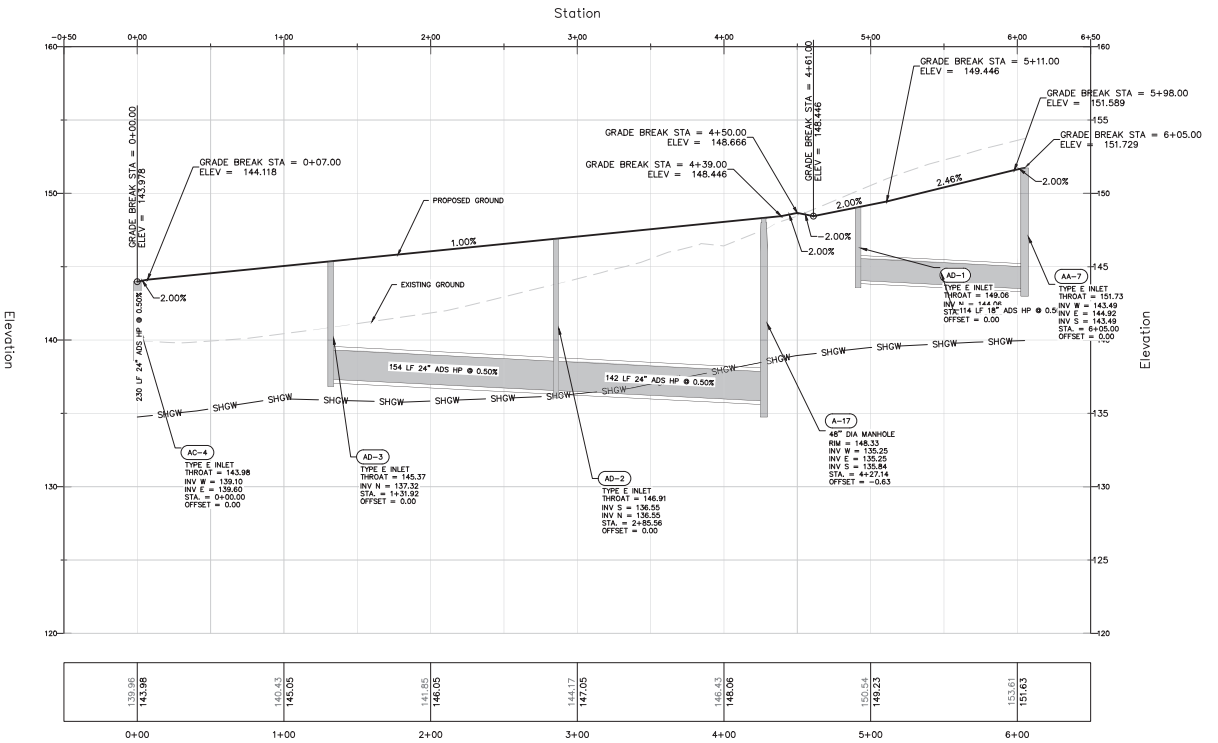
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP



VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

SHEET 80 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

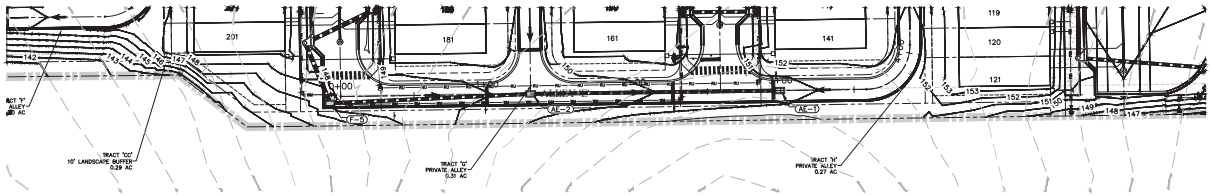
PLAN & PROFILE - ALLEY D
CONSTRUCTION SITE PLAN

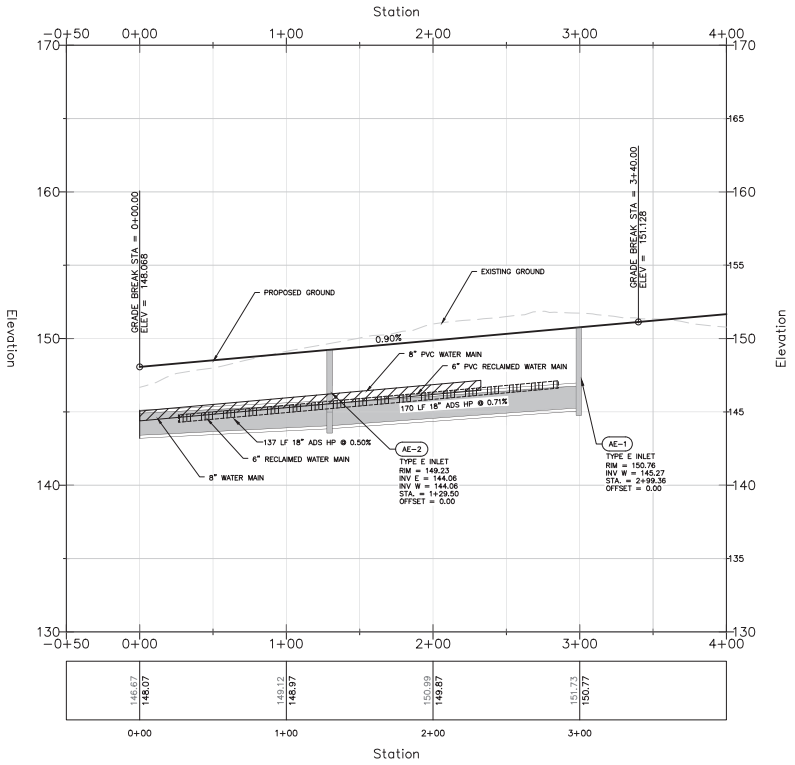
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.24

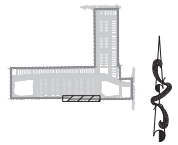
SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY D.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis









KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 81 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJHMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30980

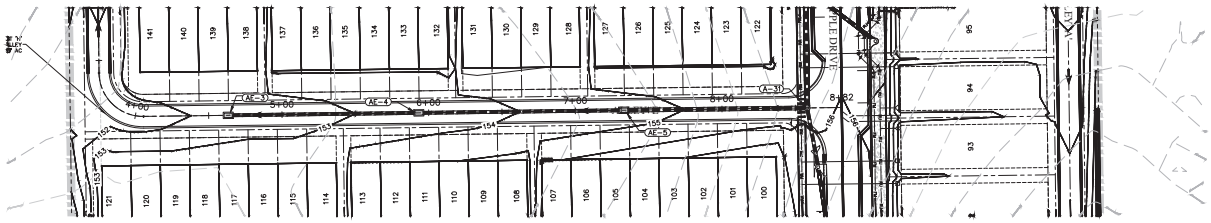
PLAN & PROFILE - ALLEY E
- STA 0+00 TO 5+00
CONSTRUCTION SITE PLAN

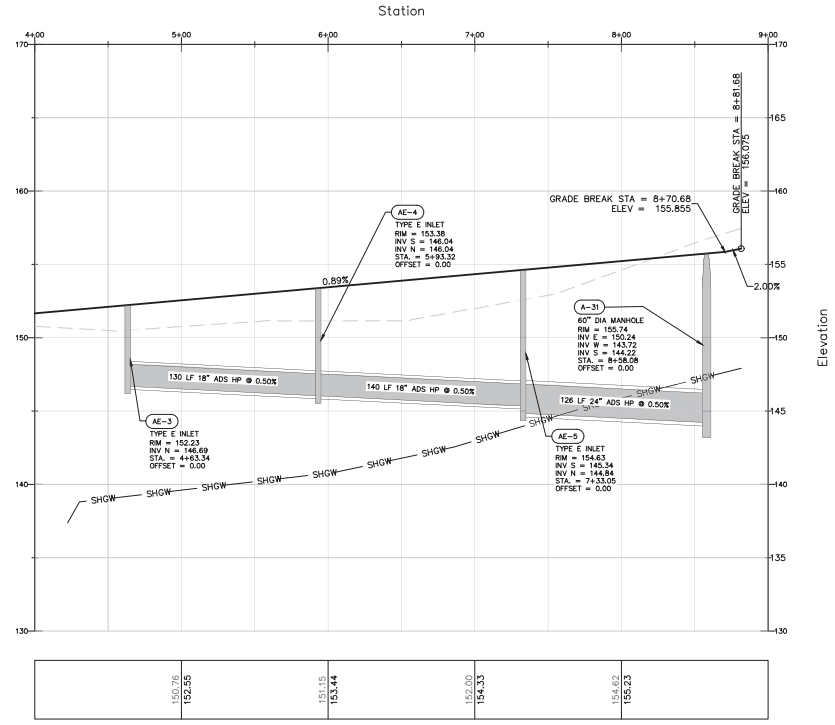
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/4/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.25

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY E.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

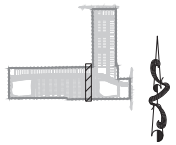






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 82 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJHWD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

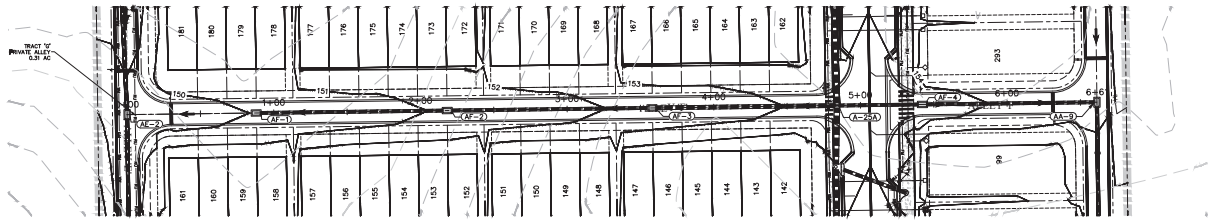
PLAN & PROFILE - ALLEY E
- STA 5+00 TO 8+75
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN:	A. FRANCIS
DESIGNED:	S.SIERRA-GIL
CHECKED:	L.CLASSON
DATE:	4/4/2025
SCALE	1" = 40'
PROJECT	PUL-048
SHEET	C8.26

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY E.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

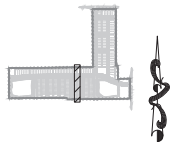




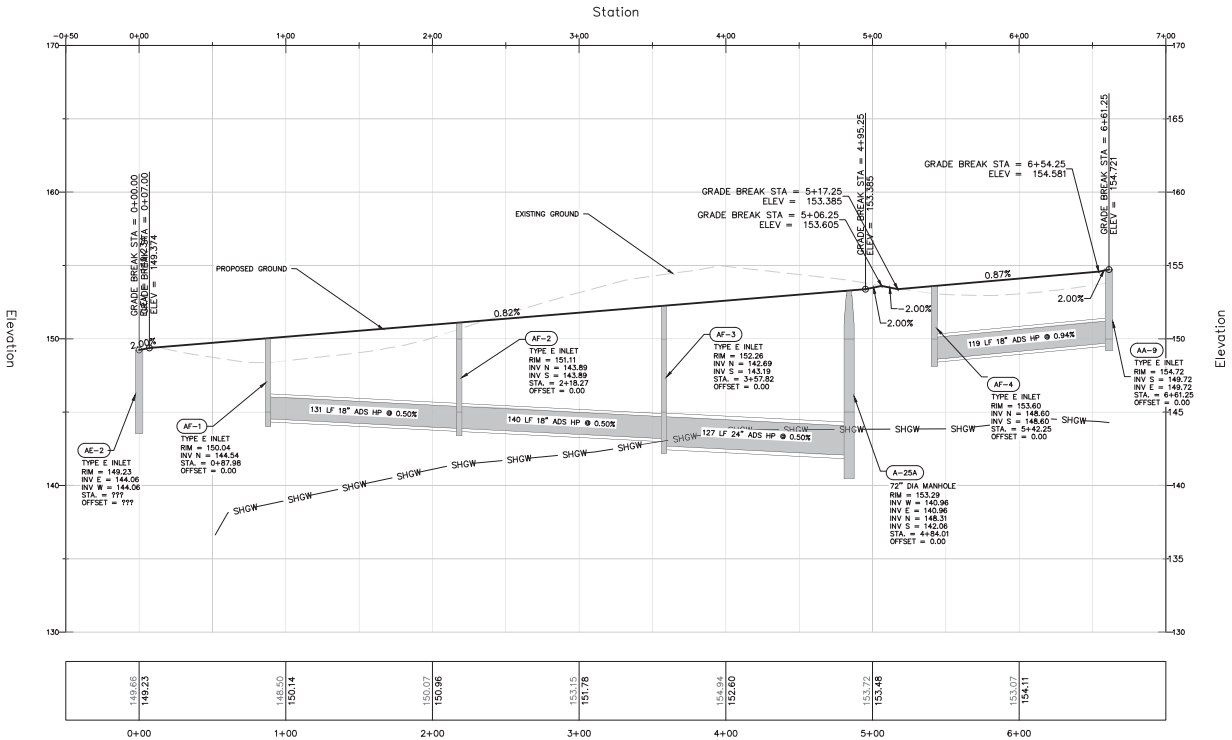
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP



VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

NO.	DATE	DESCRIPTION	BY
4	06/30/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30980

PLAN & PROFILE - ALLEY F
CONSTRUCTION SITE PLAN

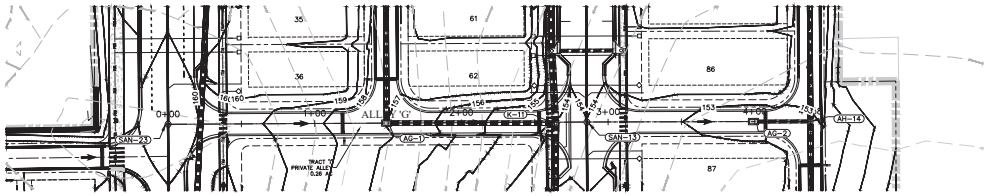
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

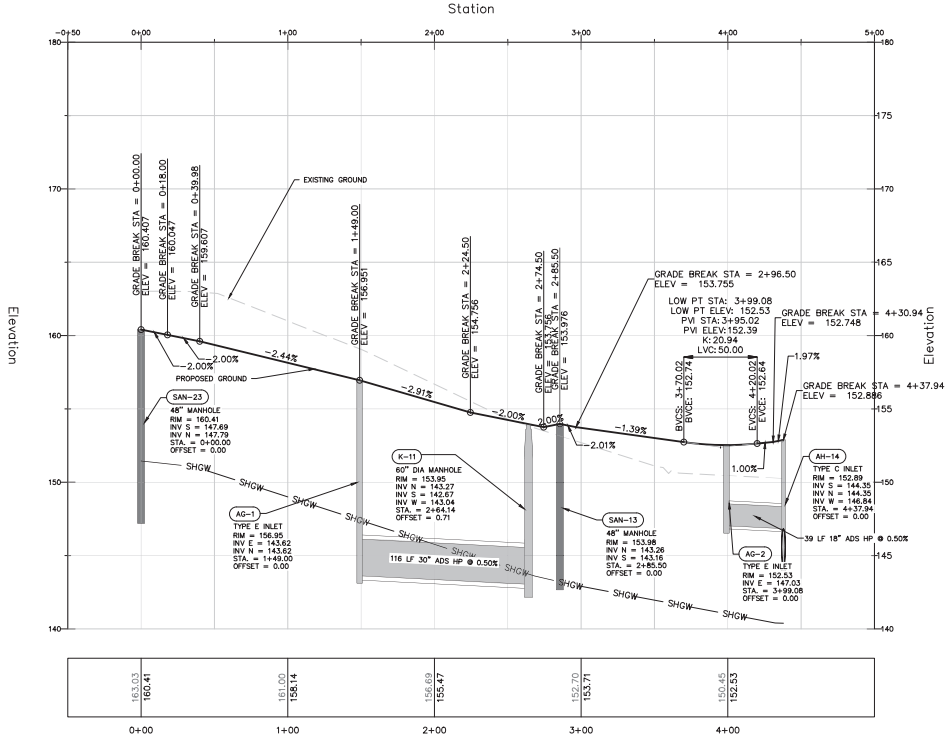
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/4/2025

SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.27

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY F.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis



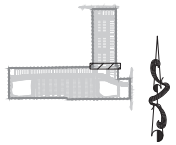




GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 84 OF 158

NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	09/14/25	CITY OF APOPKA COMMENTS DATED 08/28/2025	SCS
3	10/07/25	SJRWMD COMMENTS DATED 09/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

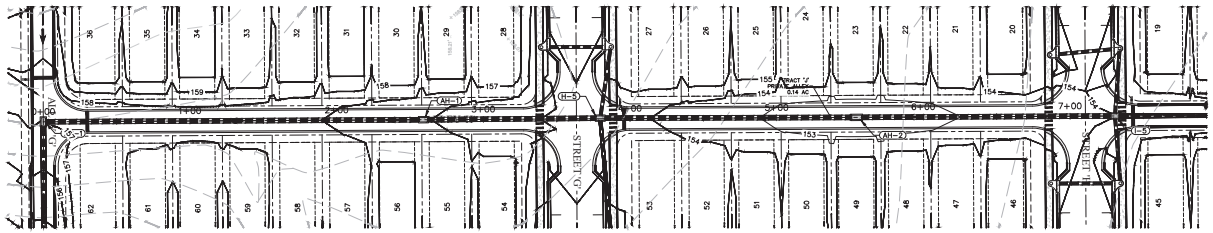
PLAN & PROFILE - ALLEY G
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

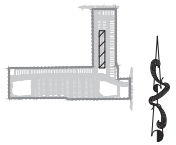
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.28

SOPHIA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

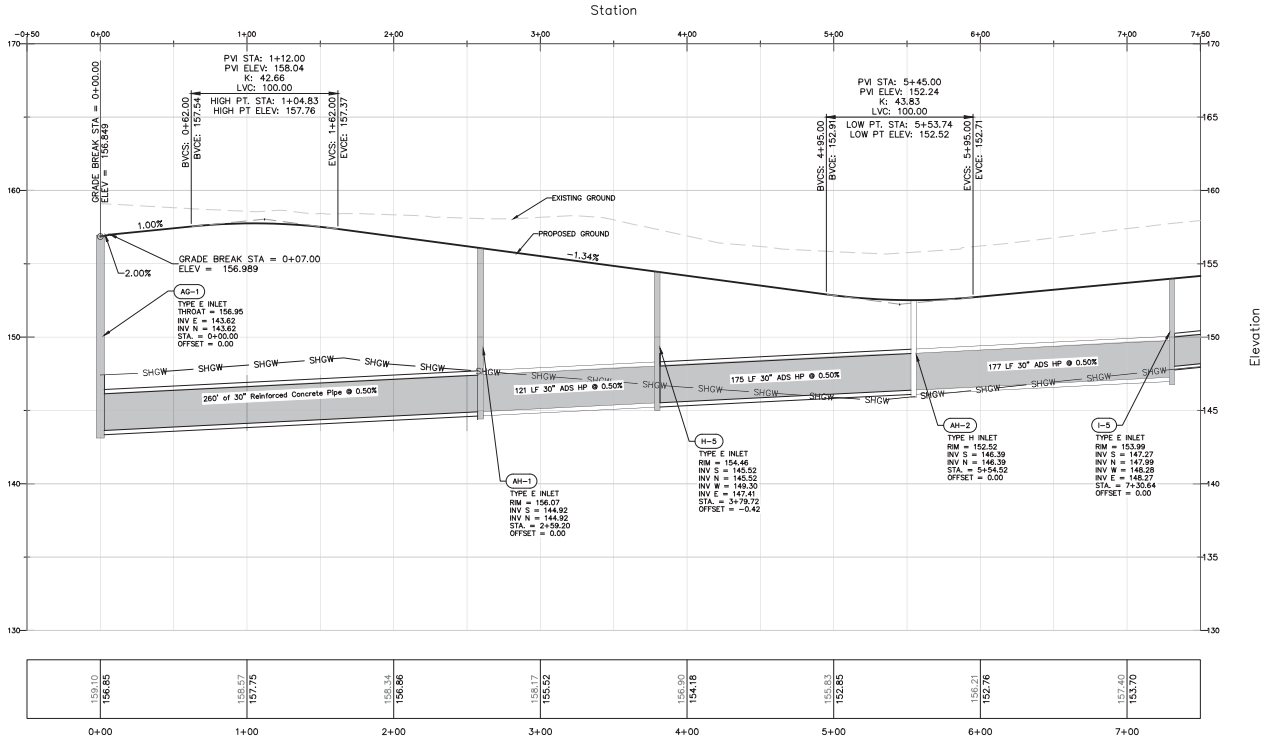
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY G.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis







KEY MAP



PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 85 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

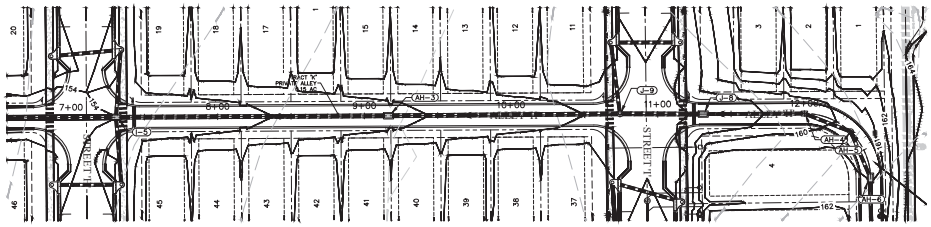
PLAN & PROFILE - ALLEY H - STA 0+00 TO 7+00
CONSTRUCTION SITE PLAN

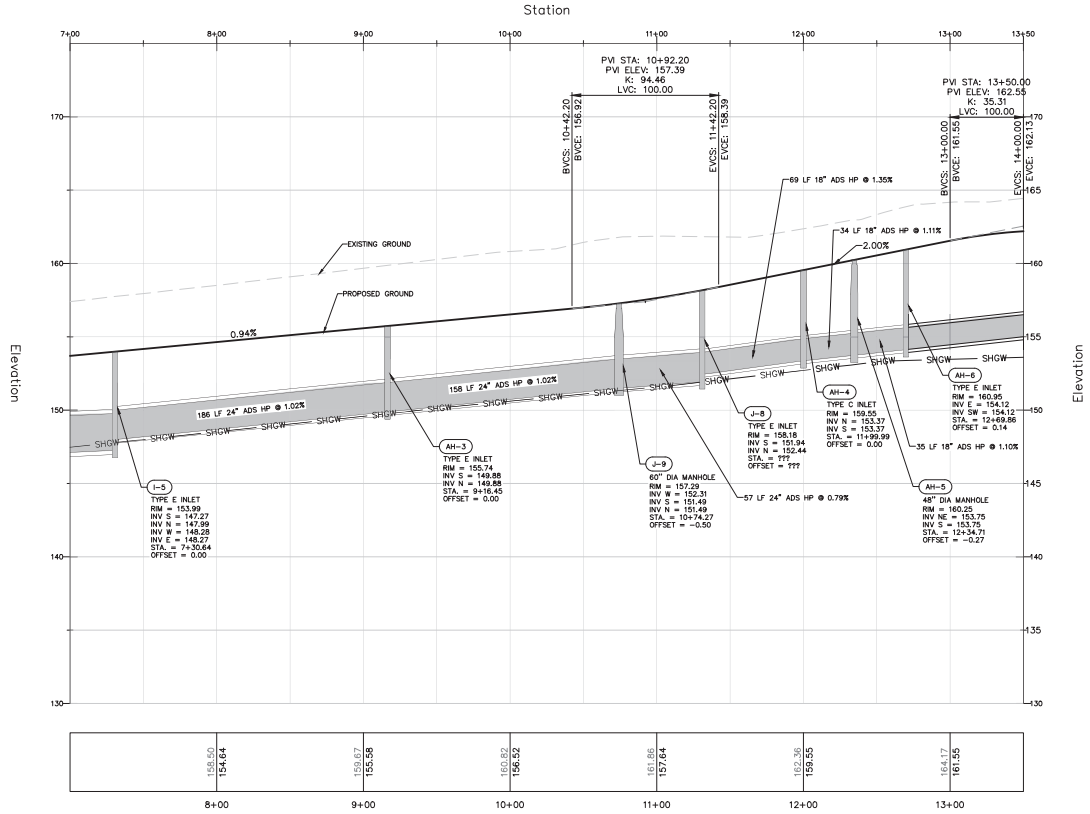
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

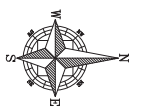
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.29



P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY H.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

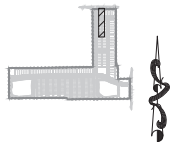






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 86 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

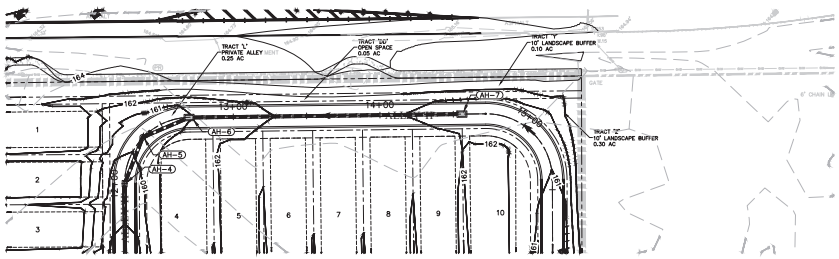
PLAN & PROFILE - ALLEY H - STA 0+00 TO 13+00
CONSTRUCTION SITE PLAN

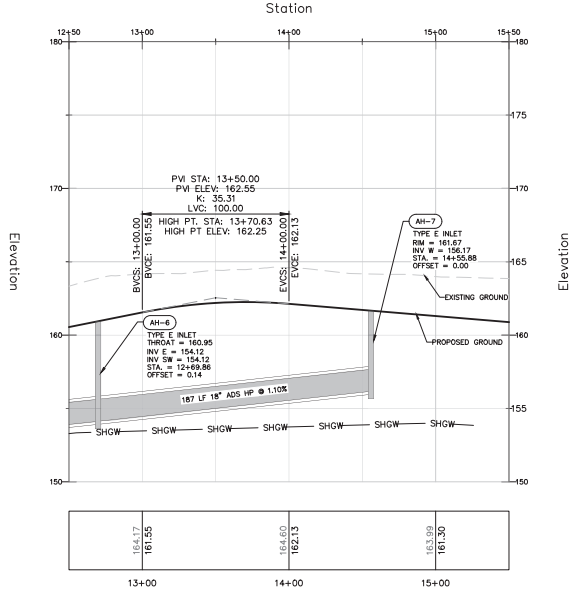
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.30



P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY H.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

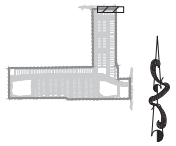






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 87 OF 158

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

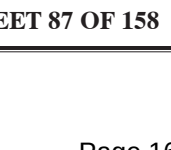
PLAN & PROFILE - ALLEY H - STA 13+00 TO 15+00
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

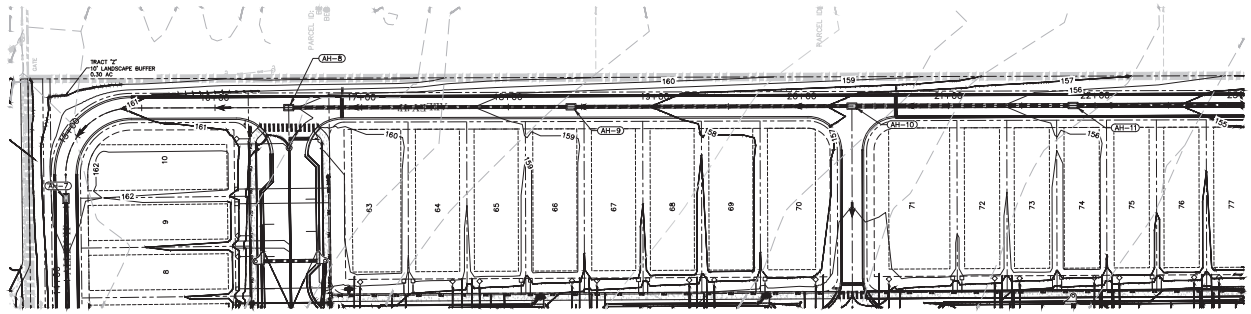
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025

SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.31

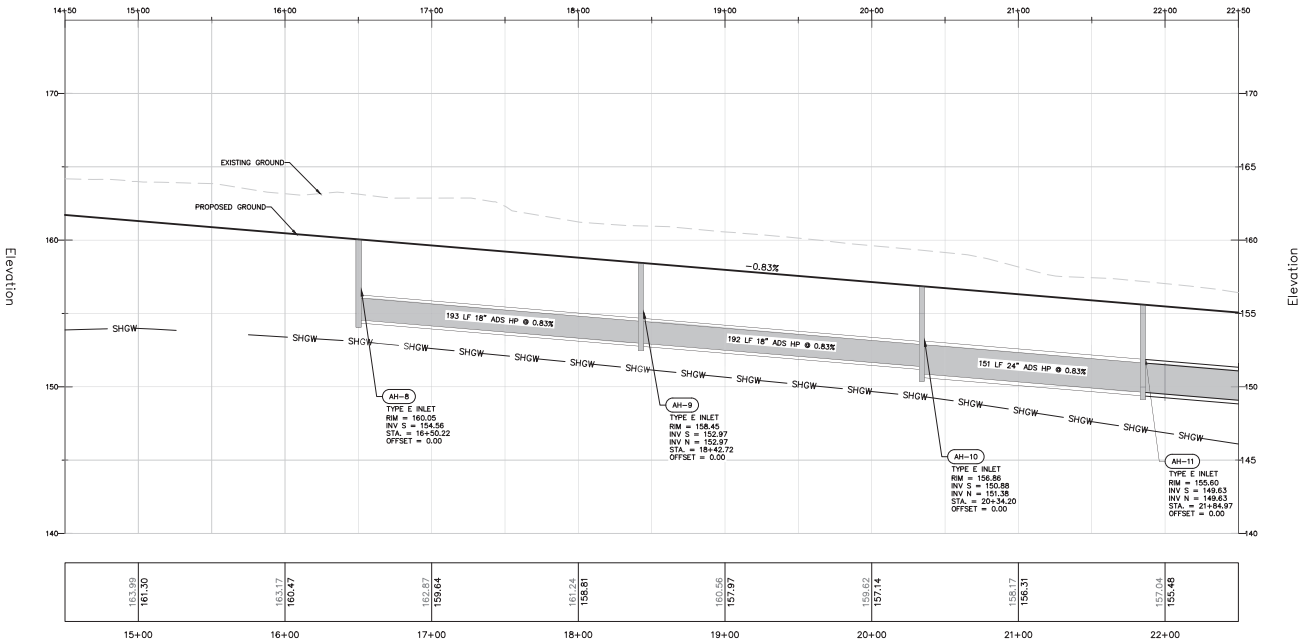


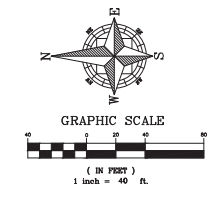


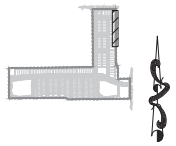
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY H.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis



Station







KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 88 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 39060

PLAN & PROFILE - ALLEY H - STA 15+00 TO 22+00
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

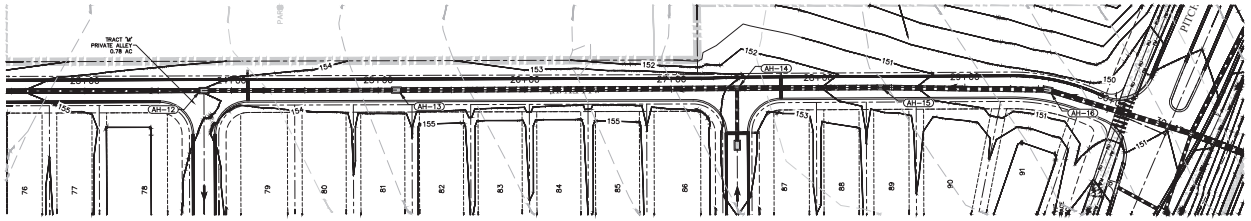
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025

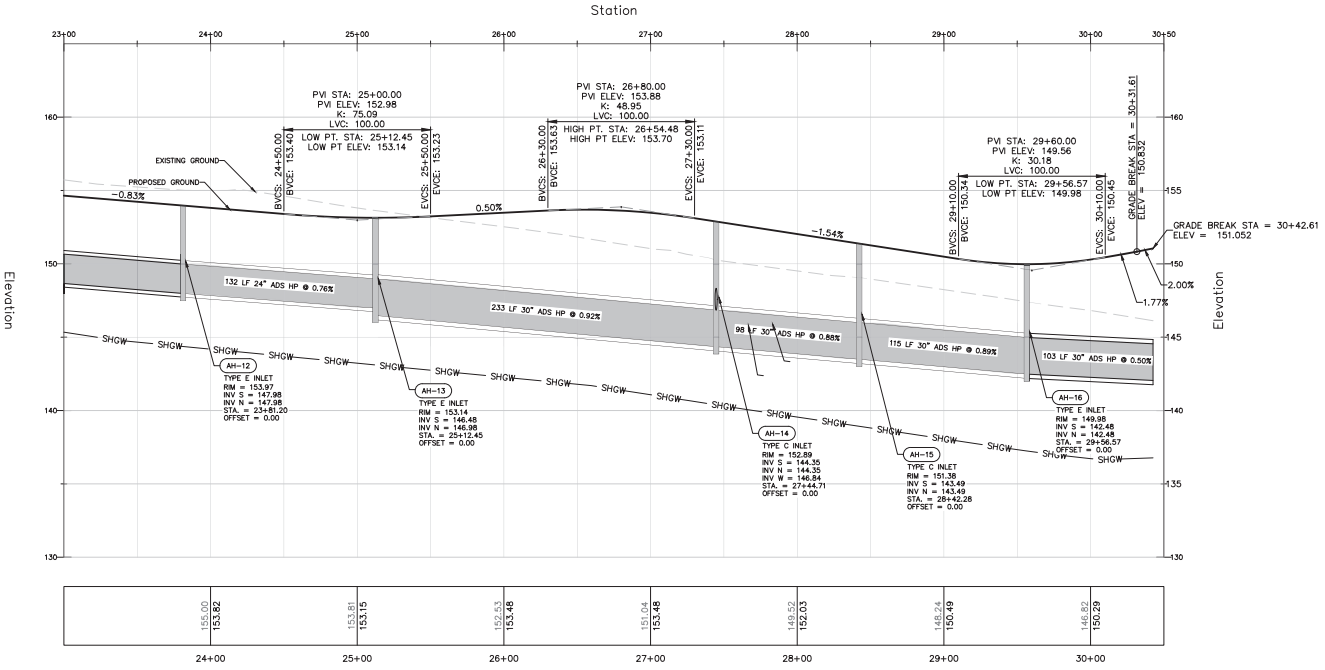
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.32



SCOTT CAROLINA SIERRA-GIL
LICENSE
No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY H.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis

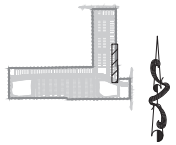






GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEY MAP

PRESSURE PIPE NOTES PER F.A.C. RULE 62-55.314

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 40'

SHEET 89 OF 158

NO.	DATE	DESCRIPTION	BY
1	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	06/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

PLAN & PROFILE - ALLEY H - STA 22+00 TO 30+43
CONSTRUCTION SITE PLAN

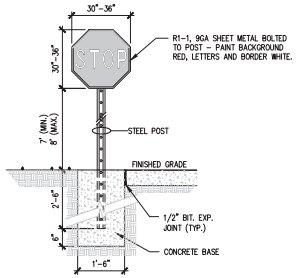
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/7/2025

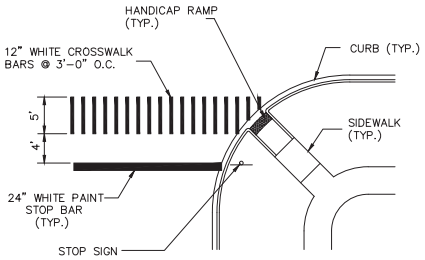
SCALE: 1" = 40'
PROJECT: PUL-048
SHEET: C8.33

KRISTINA CAROLINA SIERRA-GIL
LICENSE
No. 90745
9/2025
STATE OF FLORIDA
PROFESSIONAL ENGINEER

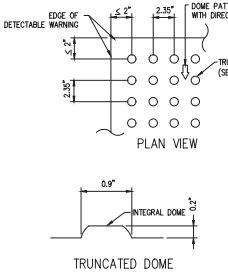
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\PLAN & PROFILE - ALLEY H.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



1 STOP SIGN N.T.S.



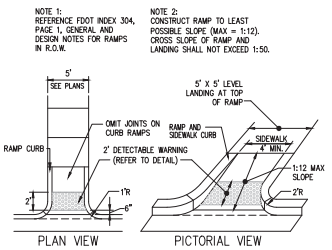
2 INTERSECTION CROSSWALK/ STOP BAR DETAIL N.T.S.

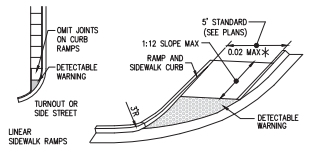


NOTE:

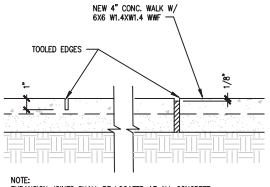
1. CURB RAMP RUNNING SLOPES SHALL NOT BE STEEPER THAN 1:12 AND CROSS SLOPE SHALL BE 0.02 OR FLATTER.
2. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED BY TEXTURING OR APPLYING A TRUNCATED DOME MATERIAL IN CONFORMANCE WITH THE U.S. DEPARTMENT OF JUSTICE A.D.A. STANDARDS FOR ACCESSIBLE DESIGN, A.D.A. ACCESSIBILITY GUIDELINES, SECTION 4.29.2. TRANSITION SLOPES ARE NOT TO HAVE DETECTABLE WARNINGS.
3. WHERE A CURB RAMP IS CONSTRUCTED WITHIN AN EXISTING CURB, CURB AND GUTTER AND/OR SIDEWALK, THE EXISTING CURB OR CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE CURB TRANSITIONS OR TO THE EXTENT THAT NO REMAINING SECTION OF CURB OR CURB AND GUTTER IS LESS THAN 5' LONG. THE EXISTING SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE TRANSITION SLOPE WALK AROUND OR TO THE EXTENT THAT NO REMAINING SECTION OF SIDEWALK IS LESS THAN 5'.
4. WHERE ADJACENT WALKING SURFACES ARE COLORED OR ARE CONSTRUCTED WITH MATERIALS OTHER THAN STANDARD CLASS I PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH SECTION 522 OF THE SPECIFICATIONS, THE PLAN MUST PROVIDE FOR DETECTABLE WARNING SURFACE COLORS OR MATERIALS THAT PROVIDE THE NECESSARY CONTRAST, EITHER DARK–ON–LIGHT OR LIGHT–ON–DARK. (SAFETY YELLOW OR BRICK RED)
5. RECOMMENDED MANUFACTURER: ENGINEERED PLASTICS, INC. (ARMOR TILE) OLYMPIC TOWERS, 300 PEARL STREET, SUITE 200, BUFFALO, NY 14202. PHONE: (800) 682–2525

3 DETECTABLE WARNING N.T.S.





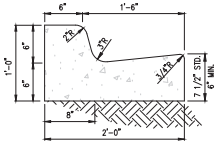
4 HANDICAP END RAMP 3000 PSI (MIN.) CONCRETE N.T.S.



NOTE:
EXPANSION JOINTS SHALL BE LOCATED AT ALL CONCRETE WALK INTERSECTIONS, AT ALL DOOR OPENINGS AND AT 12' O.C. MAXIMUM.

EXPANSION JOINT (1/4" PREMOLDED ASPHALT STRIP) SHALL BE SET 1/8" BELOW TOP OF WALK. SCORE MARK (1" DEPTH) SHALL BE 4' (MAX.) O.C.

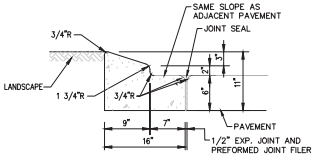
5 CONCRETE WALK N.T.S.



PLAN SYMBOL

NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

6 TYPE "F" CURB AND GUTTER N.T.S.

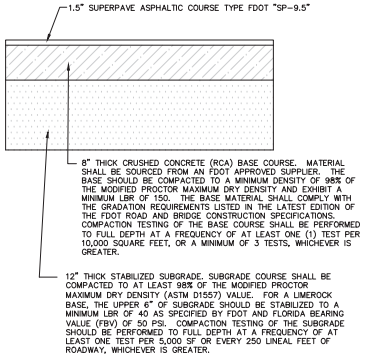


PLAN SYMBOL

NOTES

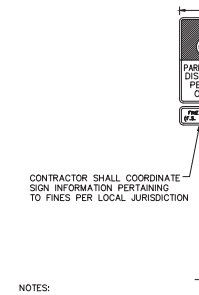
1. CONSTRUCTION JOINTS SHALL BE PLACED AT EQUAL SPACES (10' MAX.) BETWEEN NORMAL EXPANSION JOINTS. CONSTRUCTION JOINTS SHALL BE SAW CUT WITHIN 24 HRS. OF PLACEMENT.
2. FOR CURB & GUTTER CONSTRUCTED ADJOINT TO CONCRETE PAVEMENT, 1/2" EXPANSION JOINT MATERIALS SHALL BE PLACED BETWEEN THE EDGE OF GUTTER AND EDGE OF PAVEMENT.

6A TYPE 'A' CURB (3,500 PSI (MIN.)) N.T.S.



NOTE: LIMEROCK BASE COURSE PER THE SPECIFICATIONS ON THE GEOTECHNICAL REPORT BY UES DATED NOVEMBER 15, 2023, IS AN ACCEPTABLE ALTERNATIVE.

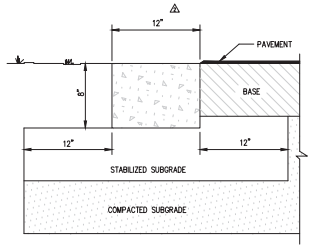
7 TYPICAL PAVEMENT SECTION N.T.S.



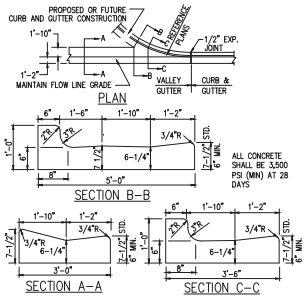
NOTES:

1. ALL LETTERS ARE 1" SERIES "C", PER MUTCD.
2. TOP PORTION OF SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. ONE (1) SIGN IS REQUIRED FOR EACH PARKING SPACE.
5. HEIGHT OF SIGN SHALL 7'–6" FROM FINISHED GROUND TO BOTTOM OF SIGN.

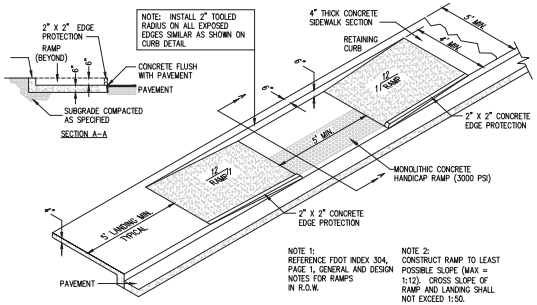
8 HANDICAP SIGN N.T.S.



9 RIBBON CURB 3500 PSI (MIN.) N.T.S.



10 VALLEY GUTTER N.T.S. (REFER TO F.D.O.T. INDEX 300)



11 SIDEWALK HANDICAP RAMP 3000 PSI (MIN.) CONCRETE N.T.S.

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	12/16/24	SJRWMD SUBMITTAL	SCS

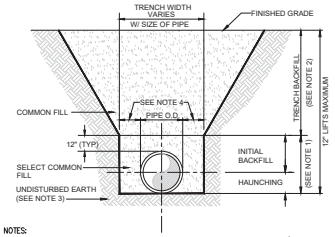
CIVIL DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA–GIL
CHECKED: L.CLASSON
DATE: 7/30/2025
SCALE: N.T.S.
PROJECT: PUL–048
SHEET: C9.0

NORTH CAROLINA SIERRA–GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

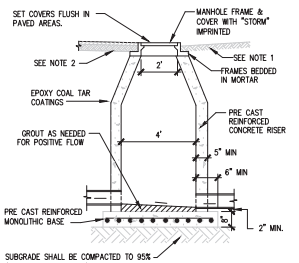
SHEET 90 OF 158

P:_PROJECT DRAWINGS\PUL–048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\CIVIL DETAILS.dwg Modified:7/30/2025 By:afrancis Plotted By:andrew francis



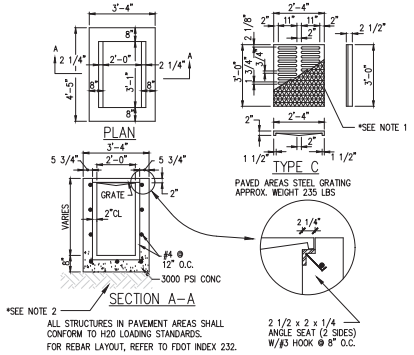
NOTES:
1. INITIAL BACKFILL AND HAUNCHING: SELECT COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING SHALL BE COMPACTED TO 95% (MIN) OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY. BEDDING ROCK CAN BE USED FOR BEDDING IF SUBGRADE SOILS ARE TOO WET TO COMPACT, OR AS DIRECTED BY THE ENGINEER.
4. 15" MAX. (12" MIN.) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX (12" MIN) FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.

1 TRENCH DETAIL
N.T.S.



NOTE:
1. IN UNPAVED AREAS TOP OF FRAME SHALL BE 2" ABOVE FINISHED GRADE.
2. ALL INPAVEMENT STRUCTURES MUST CONFORM TO H20 LOADING STANDARDS
3. 12 INCHES OF STONE BEDDING (FDOT #57 STONE, NON-CALCAREOUS) CAN BE USED FOR BEDDING IF SUBGRADE SOILS ARE TOO WET TO COMPACT.

2 MANHOLE
N.T.S.

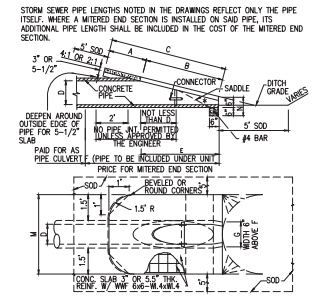


*NOTES:
1. FOR ALL USES, USE STEEL GRATE.
2. SUBGRADE SHALL BE COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.

ALL STRUCTURES IN PAVEMENT AREAS SHALL CONFORM TO H20 LOADING STANDARDS.
FOR REBAR LAYOUT, REFER TO FDOT INDEX 232.

3 TYPE "C" INLET
N.T.S.

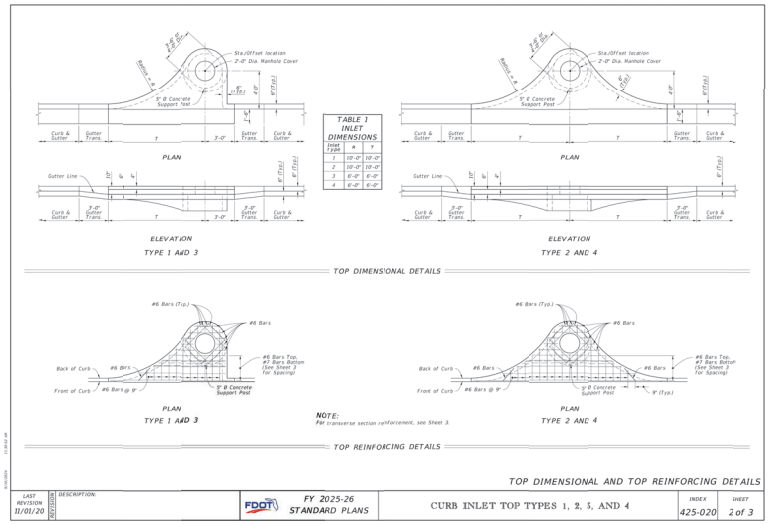
STORM SEWER PIPE LENGTHS NOTED IN THE DRAWINGS REFLECT ONLY THE PIPE ITSELF. WHERE A MITERED END SECTION IS INSTALLED ON SAID PIPE, ITS ADDITIONAL PIPE LENGTH SHALL BE INCLUDED IN THE COST OF THE MITERED END SECTION.



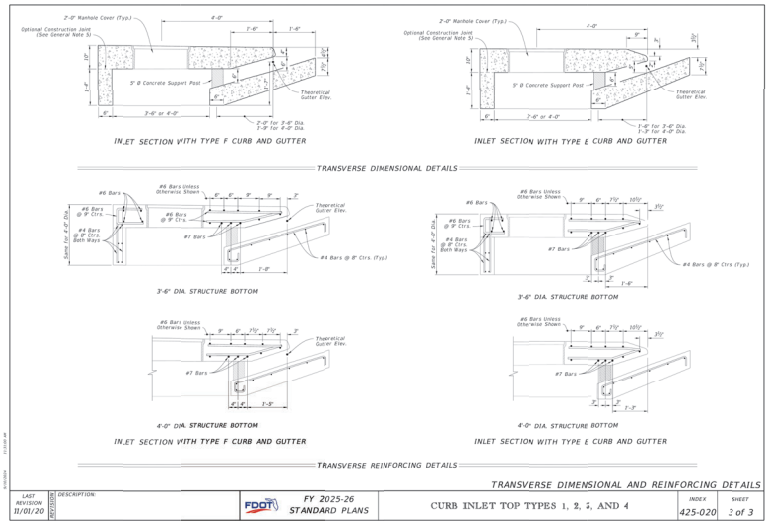
	DIMENSIONS AND QUANTITIES										
	D	A	B	C	E	F	G	M SINGLE PIPE	M DOUBLE PIPE	M TRIPLE PIPE	M QUAD. PIPE
2:1 SLOPE	15"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	4.63'	7.21'	9.79'	12.37'
	18"	1.97'	2.74'	4.71'	2.56'	6'	1.41'	4.92'	7.75'	10.58'	13.42'
	24"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	5.50'	8.92'	12.33'	15.75'
	30"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	6.08'	10.33'	14.58'	18.83'
	36"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	6.67'	11.75'	16.83'	21.92'
	42"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	7.25'	13.25'	19.25'	25.25'
	48"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	7.83'	14.58'	21.33'	28.08'
	54"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	8.42'	16.08'	23.75'	31.42'
	60"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	9.00'	17.50'	26.00'	34.50'
	66"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	9.58'	18.75'	27.92'	37.08'
	72"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	10.16'	20.16'	30.16'	40.16'
4:1 SLOPE	15"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	7.21'	9.79'	12.37'
	18"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	7.75'	10.58'	13.42'
	24"	2.53'	7.18'	9.71'	7.03'	11'	1.73'	5.50'	8.92'	12.33'	15.75'
	30"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	10.33'	14.58'	18.83'
	36"	2.87'	11.31'	14.18'	11.03'	15'	2.24'	6.67'	11.75'	16.83'	21.92'
	42"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	7.25'	13.25'	19.25'	25.25'
	48"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	7.83'	14.58'	21.33'	28.08'
	54"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	8.42'	16.08'	23.75'	31.42'
	60"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	9.00'	17.50'	26.00'	34.50'
	66"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	9.58'	18.75'	27.92'	37.08'
	72"	3.91'	22.68'	26.59'	23.03'	27'	3.30'	10.16'	20.16'	30.16'	40.16'

* SLOPE- 4:1 MITER - TO C PIPE FOR PIPES 18" AND SMALLER
2:1 FOR PIPES 24" AND LARGER
2:1 MITER - TO C PIPE FOR PIPES 18" AND SMALLER
1:1 FOR PIPES 24" AND LARGER

4 MITERED END SECTION (RCP)
FDOT STD. INDEX 430-021 N.T.S.



LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	CURB INLET TOP TYPES 1, 2, 3, AND 4	INDEX 425-020	SHEET 2 of 3



LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	CURB INLET TOP TYPES 1, 2, 3, AND 4	INDEX 425-020	SHEET 3 of 3

5 TYPE 1, 2, 3, AND 4 INLETS
N.T.S.

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 08/30/2025	SCS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS
1	12/20/24	PERMIT SUBMITTAL	BP

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30660

DRAINAGE DETAILS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 2/25/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C10.0

CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 91 OF 158

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblages\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE DETAILS.dwg Modified:6/9/2025 By:sasanchez Plotted By:andrew francis

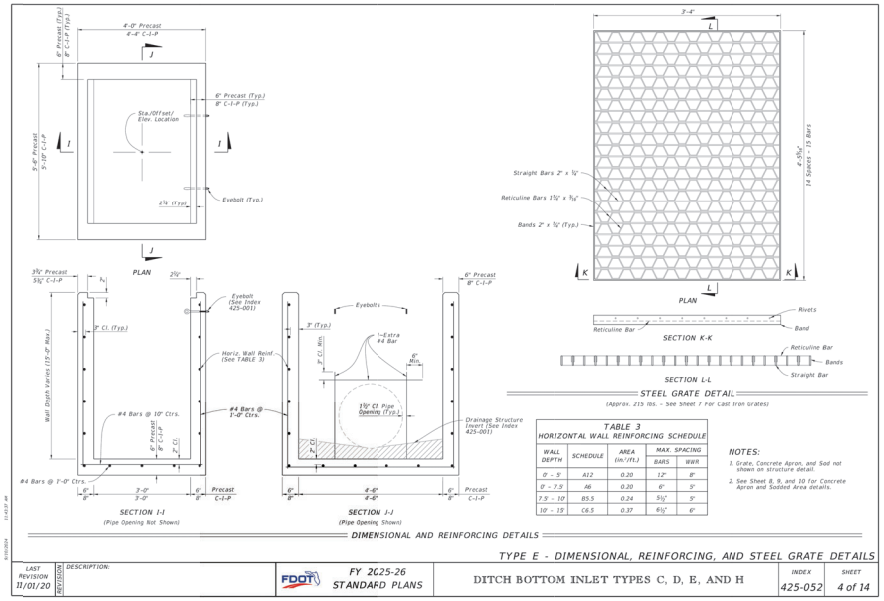


TABLE 3
HORIZONTAL WALL REINFORCING SCHEDULE

WALL DEPTH	SCHEDULE	AREA (in²/ft.)	MAX. SPACING	
			BARS	WWR
0' - 5'	A12	0.20	12"	8"
0' - 7.5'	A6	0.20	6"	5"
7.5' - 10'	B5.5	0.24	5½"	5"
10' - 15'	C6.5	0.37	6½"	6"

NOTES:
1. Grate, Concrete Apron, and Sod not shown on structure detail.
2. See Sheet 8, 9, and 10 for Concrete Apron and Sodded Area details.

LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX 425-052	SHEET 4 of 14

6 TYPE E INLET
N.T.S.

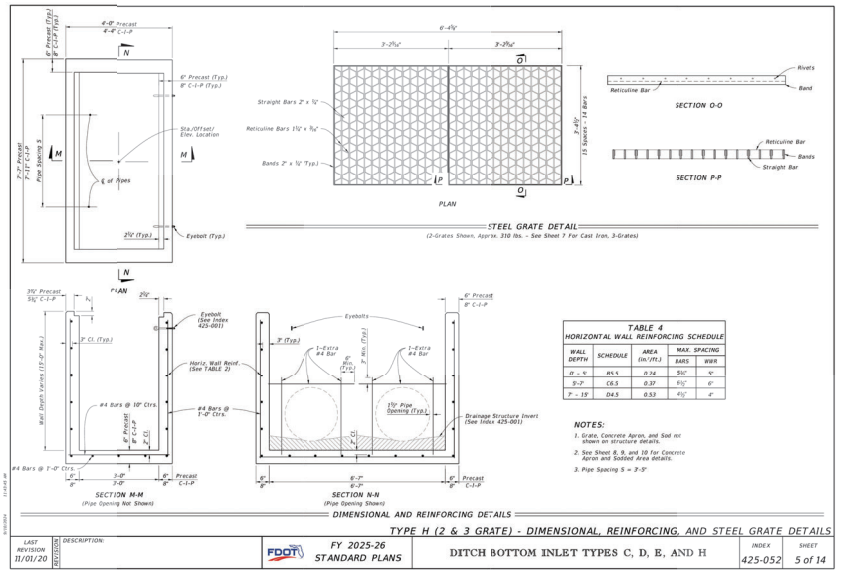


TABLE 4
HORIZONTAL WALL REINFORCING SCHEDULE

WALL DEPTH	SCHEDULE	AREA (in²/ft.)	MAX. SPACING	
			BARS	WWR
0' - 5'	A12	0.20	12"	8"
5'-7'	C6.5	0.37	6½"	6"
7' - 15'	D4.5	0.53	4½"	4"

NOTES:
1. Grate, Concrete Apron, and Sod not shown on structure details.
2. See Sheet 8, 9, and 10 for Concrete Apron and Sodded Area details.
3. Pipe Spacing S = 3'-9"

LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX 425-052	SHEET 5 of 14

7 TYPE H INLET
N.T.S.

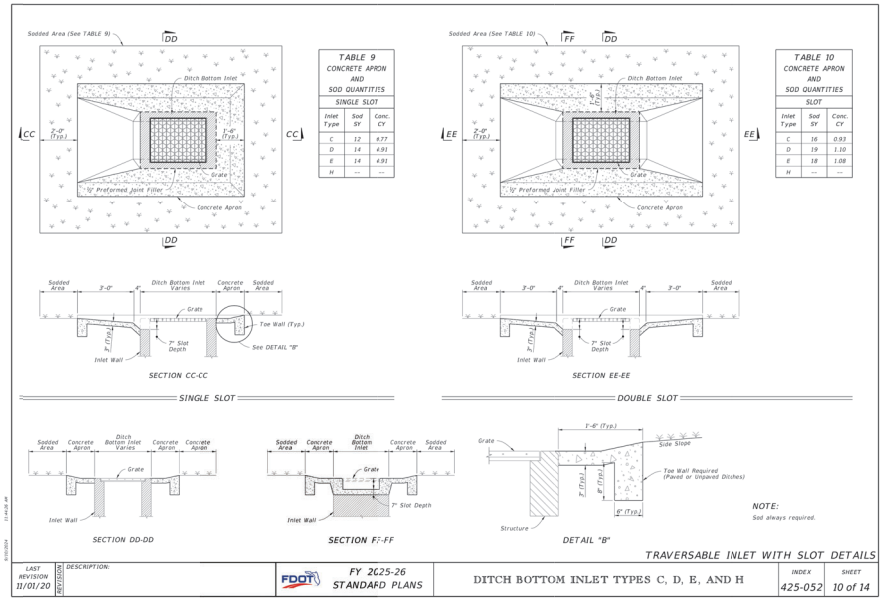


TABLE 9
CONCRETE APRON AND SOD QUANTITITS
SINGLE SLOT

Inlet Type	Sod SY	Conc. CY
C	12	4.77
D	14	4.91
E	14	4.91
H	--	--

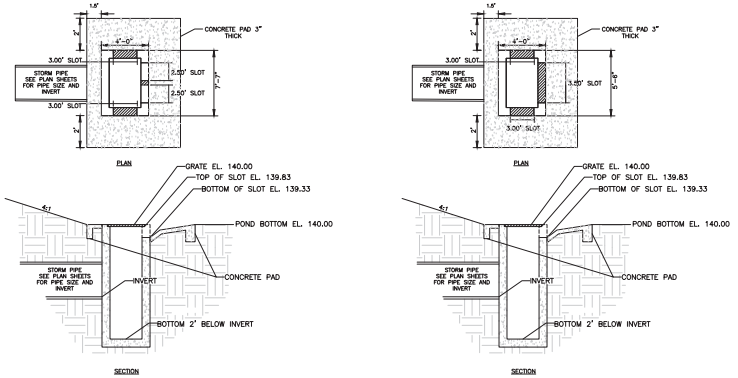
TABLE 10
CONCRETE APRON AND SOD QUANTITIES
SLOT

Inlet Type	Sod SY	Conc. CY
C	16	0.93
D	19	1.10
E	18	1.08
H	--	--

NOTE:
Sod always required.

LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX 425-052	SHEET 10 of 14

8 CONCRETE APRON FOR BUBBLE UP STRUCTURES
N.T.S.



9 MODIFIED TYPE-H INLET BU-1
N.T.S.

10 MODIFIED TYPE-E INLET BU-2
N.T.S.

NO.	DATE	DESCRIPTION	BY
4	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SKS
3	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SKS
2	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SKS
1			BY

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30980

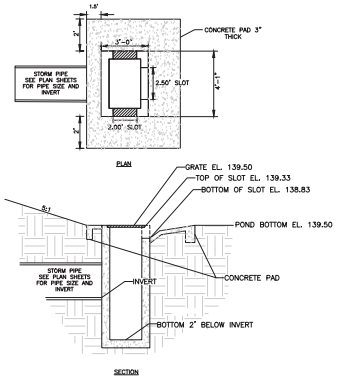
DRAINAGE DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 2/25/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C10.1

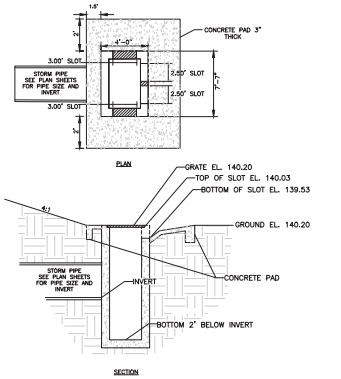
NORTH CAROLINA LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 92 OF 158

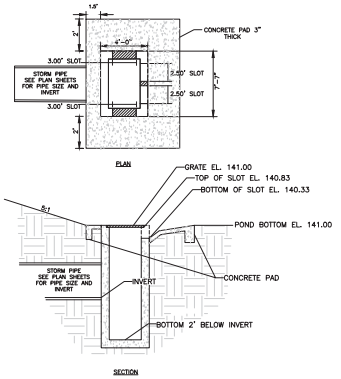
P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE DETAILS.dwg Modified:6/9/2025 By:asanchez Plotted By:andrew francis



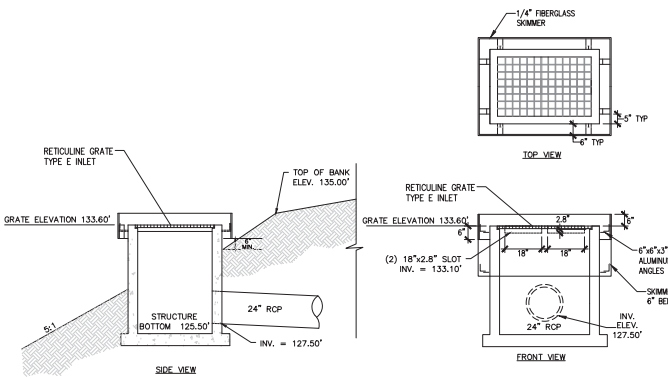
11 MODIFIED TYPE-C INLET BU-3
N.T.S.



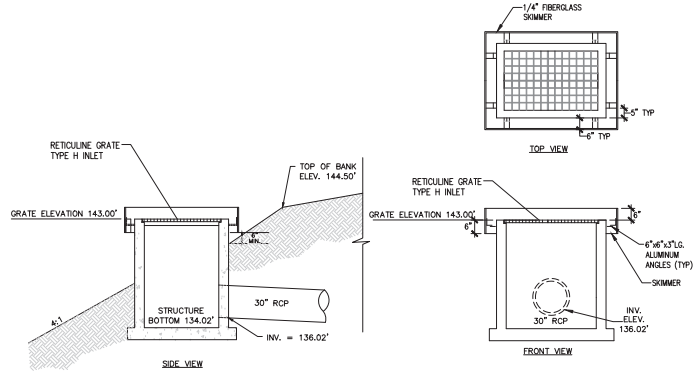
12 MODIFIED TYPE-H INLET BU-4
N.T.S.



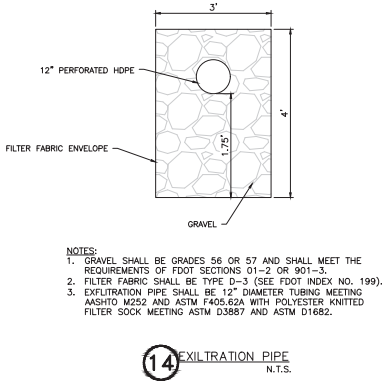
13 MODIFIED TYPE-H INLET BU-5
N.T.S.



15 DS-1 CONTROL STRUCTURE
N.T.S.

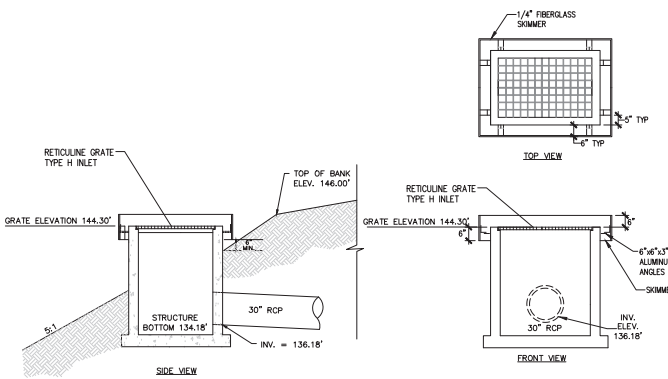


16 DS-2 CONTROL STRUCTURE
N.T.S.

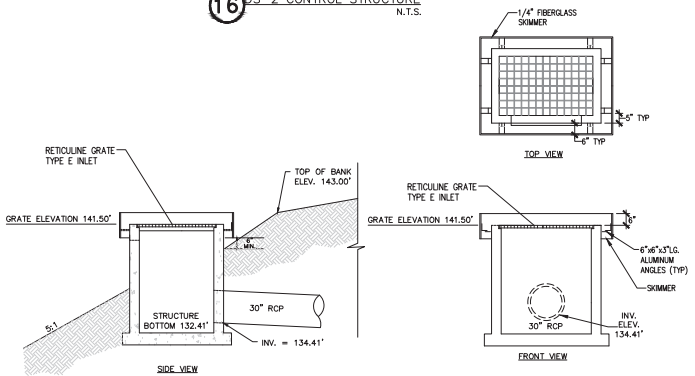


NOTES:
1. GRAVEL SHALL BE GRADES 56 OR 57 AND SHALL MEET THE REQUIREMENTS OF FDOT SECTIONS 01-2 OR 901-3.
2. FILTER FABRIC SHALL BE TYPE D-3 (SEE FDOT INDEX NO. 199).
3. EXFILTRATION PIPE SHALL BE 12" DIAMETER TUBING MEETING AASHITO M252 AND ASTM F405.62A WITH POLYESTER KNITTED FILTER SOCK MEETING ASTM D3887 AND ASTM D1682.

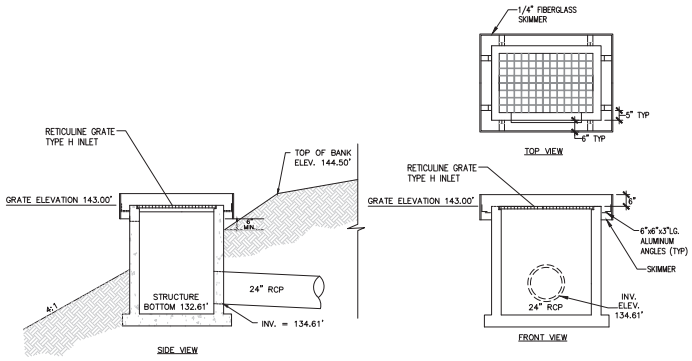
14 EXILTRATION PIPE
N.T.S.



17 DS-3 CONTROL STRUCTURE
N.T.S.



18 DS-4 CONTROL STRUCTURE
N.T.S.



19 DS-5 CONTROL STRUCTURE
N.T.S.

SHEET 93 OF 158

NO.	DATE	DESCRIPTION	BY
6	08/14/25	CITY OF APOPKA COMMENTS DATED 08/30/2025	SCS
5	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
4	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

DRAINAGE DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 2/25/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C10.2

CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\DRAINAGE DETAILS.dwg Modified:6/9/2025 By:sasanchez Plotted By:andrew francis

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\UTILITY DETAILS.dwg Modified:6/9/2025 By:cfrancis Plotted By:andrew francis

GENERAL NOTES

1. Governing standards and specifications on this project are considered the Florida Department of Transportation (FDOT) Design Standards (2013 Edition), FDOT Standard Specifications for Road and Bridge Construction (2013 Edition), and City of Apopka Utilities Design and Construction Standards Manual (2014 Edition).
2. All personal property, except mail boxes located within the public right-of-way (not relocated by the property owner), shall be removed by the Contractor as necessary to construct the work. Unless otherwise noted, all mailboxes and mail boxes shall be relocated by the Contractor in accordance with FDOT Index No. 532.
3. The disposal of excess earthwork materials shall be the responsibility of the Contractor. Approval of disposal sites shall be obtained from the City of Apopka prior to disposal.
4. All existing trees and stumps within the right-of-way and limit of the project are to be removed as clearing and grubbing unless otherwise directed.
5. Seed and mulch all disturbed areas not covered by sod unless otherwise directed.
6. Sod shall be placed on all areas disturbed during construction, as where radius dimensions are to the edge of pavement, unless otherwise noted.
7. Turnout locations and widths shown in the Construction Plans are approximate and may be adjusted as necessary or as directed by the Engineer. All turnouts shall be constructed in accordance with FDOT Index No. 515.
8. The various permits included in the bid specifications payment are included in the bid price for Section 104. The Contractor shall perform his work in accordance with the requirements specified therein. Any additional permits required for the work, including items not specified elsewhere. Environmental controls shall be used at locations designated in the plans and/or designated by the Engineer.
9. The information shown on these drawings concerning type and location of underground and other utilities are based on available records and surveys, but is not guaranteed to be accurate or all inclusive. The Contractor shall make his own determination as to the type and location of utilities as may be necessary to avoid damage there to, and is responsible for coordinating with utility companies.
10. Prior to ordering drainage structures, the Contractor shall determine if drainage utility conflicts exist. Information about possible conflicts shall be submitted to the Engineer as soon as possible after discovery of such for resolution.
11. The Contractor shall notify all gas utility companies a minimum of two working days prior to excavation as required by Chapter 77-103 of the Florida Statutes.
12. All interlocktite - pipe joints shall be filled with non-shrink grout, covered with an asphaltic coating and wrapped with filter fabric. Filter fabric material per Section 10.03.03 of the Orange County Road Construction Specifications.
13. All curb inlets, ditch bottom inlets, and manholes shall have traffic bearing frames and covers or grates meeting AASHTO-20 loading requirements.
14. Changes of pipe inverts not exceeding plus or minus one foot will not be considered as a basis for additional compensation for the pertinent pipe bid item or for modification of precast structures.
15. Survey monuments (irons and monuments) shown in the Construction Plans, or found, shall be preserved. Those shown in proposed pavement shall be protected with a cast iron valve box.
16. Public land corners within the limits of construction shall be protected. If a corner monument is in danger of being destroyed or disturbed, the Contractor shall notify the Engineer, without delay, by telephone. The Contractor shall provide written follow up confirmation within three working days thereafter.
17. Prior to beginning of any construction, the Contractor shall submit to the Engineer a set of field notes verifying the benchmark elevations and the reference point connections on the plan and profile view sheets, and/or a set of field notes for all additional benchmark and reference point connections proposed to be used in constructing the project with their location, description and elevation, based on North American Vertical Datum (NAVD88). All submittals shall be signed and sealed by a Professional Land Surveyor registered in the State of Florida.
18. Within 21 calendar days after notice to proceed, the Contractor shall stake the public right-of-way at 50 foot intervals and the right-of-way breaks with corresponding stations shown on the stakes. No invoice for payment for mobilization (Pay Item No. 101-1) will be processed until the right-of-way has been staked to the satisfaction of the Engineer.
19. Any United States Code (USC) and National Geodetic Survey (NGS) monuments within the limits of construction shall be protected. If in danger of damage, the Contractor shall notify the Engineer, without delay, by telephone.
State Geodetic Advisor: NOAA
3900 Commonwealth Blvd - MS150
Tallahassee, FL Phone (850) 245-2606
20. It shall be the responsibility of the Contractor to acquire all necessary right-of-way and maintenance of traffic permits. The City will waive all permits required for construction activities within the limits of public right-of-way owned and maintained by the City of Apopka. Permits required for construction activities within the limits of public right-of-way by the City but owned by Orange County or the State of Florida, the Contractor shall acquire the required permits from the agencies. It shall be the responsibility of the Contractor to insure that all required permits are obtained and in-hand before beginning any construction.
21. 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 completeness or accuracy. Should the Contractor encounter any conflicting conditions, which would appreciably affect the execution of these plans, the Contractor shall halt construction and notify the Engineer immediately.
22. The Contractor shall be responsible for notifying the City within 48 hours before any inspection. Also, the Contractor shall be responsible for meeting all inspection criteria, schedules and signing said inspections.
23. 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 Construction Plans or Technical Specifications.
24. All work and all materials furnished shall be in conformity with the lines, grades, grading sections, cross sections, dimensions, material requirements, and testing requirements that are specified in the Contract Construction Plans or Technical Specifications.
25. All work shall be accomplished in strict accordance with all applicable federal, state and local codes, ordinances and regulations.
26. Apparent errors, discrepancies or omissions in the Construction Plans shall be brought to the Engineer's attention before bidding.
27. After completion of construction, the Contractor shall provide to the City a completed as-built plan one week prior to the final inspection. Before the final acceptance it shall be the Contractor's responsibility to remove from the site all temporary structures, rubbish, excess materials, and equipment to present the project site clean and in good order.
28. No extra payments shall be allowed for any work required due to misunderstanding of job or site conditions affecting the work as described in the Technical Specifications or shown on the Construction Plans. The Contractor shall not take advantage of any apparent error or omission in the Construction Plans or Technical Specifications and the Engineer shall be permitted to make corrections and interpretation as may be deemed necessary for the fulfillment of the intent of the Plans and Specifications. In entering the bidding process the bidders acknowledge acceptance of these conditions.
29. The Contractor shall submit four (4) sets of detailed shop drawings of all major items proposed for this project to the Engineer prior to ordering any of the equipment or material. 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.
30. The Contractor shall comply with the legal load restrictions in hauling of materials in public roads beyond the limits of construction work. A special permit will not relieve the Contractor of liability for damage which may result from the moving of material and equipment.
31. During construction, no direct discharge of water to downstream receiving waters will be allowed. The Contractor shall be responsible for maintaining water quality and route discharge water in such a manner as to adequately remove silt prior to runoff from the site.
32. Connection to existing lines to which utility pipe of the Contract shall 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.

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. GN

ORANGE COUNTY UTILITIES
STANDARDS AND CONSTRUCTION SPECIFICATIONS MANUAL

APPENDIX A — STANDARD DRAWINGS — GENERAL

DATE: February 11, 2011

SEPARATION REQUIREMENTS FOR WATER, WASTEWATER AND RECLAIMED WATER MAINS

FIGURE A116

HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

PROPOSED UTILITY	POTABLE WATER		RECLAIMED WATER		WASTEWATER (GRAVITY & FM)		STORM SEWER	
	HORIZ	VERT	HORIZ	VERT	HORIZ	VERT	HORIZ	VERT
POTABLE WATER	3' NOTE 1	12"	3' NOTE 1 & 3	12" NOTE 3	6' NOTE 3	12" NOTE 3	3' NOTE 1 & 3	12"/18" NOTE 2 & 3
RECLAIMED WATER	3' NOTE 1 & 3	12" NOTE 3	3' NOTE 1	12"	3' NOTE 1	12"	3' NOTE 1	12"/18" NOTE 2
WASTEWATER (GRAVITY AND FM)	6' NOTE 3	12" NOTE 3	3' NOTE 1	12"	3' NOTE 1	12"	3' NOTE 1	12"/18" NOTE 2
RIGHT OF WAY	3' NOTE 1	N/A	3' NOTE 1	N/A	3' NOTE 1	N/A	N/A	N/A

NOTES:

1. THIS SEPARATION REQUIREMENT IS TO PROVIDE ACCESSIBILITY FOR CONSTRUCTION AND MAINTENANCE. THREE FEET OF HORIZONTAL SEPARATION IS THE MINIMUM FOR PIPES WITH THREE FEET OF COVER. FOR PIPES INSTALLED AT GREATER DEPTHS, PROVIDE AN ADDITIONAL FOOT OF SEPARATION FOR EACH ADDITIONAL FOOT OF DEPTH.
2. THE 10-INCH SEPARATION REQUIREMENT APPLIES WHEN THE STORM PIPE CROSSES ABOVE THE OCU MAIN, AND WHEN THE STORM PIPE HAS A DIAMETER EQUAL TO OR GREATER THAN 24 INCHES, OTHERWISE, THE REQUIRED SEPARATION IS 12 INCHES.
3. THIS SEPARATION REQUIREMENT COMPLIES WITH MINIMUM FDEP SEPARATION REQUIREMENTS OUTLINED IN 62-555.314, FAC. VARIANCES FROM THE FDEP REQUIREMENTS MUST COMPLY WITH 62-555.314(5), FAC AND MUST BE APPROVED INDIVIDUALLY BY BOTH FDEP AND OCU.
4. DISTANCES GIVEN ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
5. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF SANITARY OR STORM WATER MANHOLE OR STRUCTURE.
6. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
7. AT THE UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY-OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C. [62-604.400(2)(f)]

MINIMUM LENGTH (FT) TO BE RESTRAINED ON EACH SIDE OF FITTING(S). *	PIPE SIZE									
	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	48"
90° BEND	33	43	51	60							
45° BEND	14	18	22	25							
22-1/2° BEND	7	9	11	12							
11-1/4° BEND	4	5	6	6							
TEE**	1	7	24	44							
REDUCER (ONE SIZE SMALLER)		41	39	40							
DEAD END	74	96	115	136							

* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

NOTES:

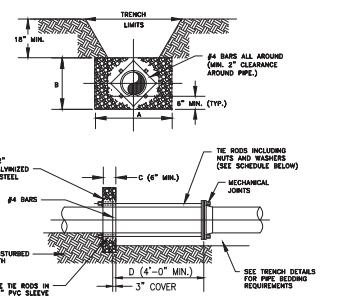
1. FITTINGS SHALL BE DUCTILE IRON RESTRAINED JOINT TYPE. FM FITTINGS TO BE LINED WITH PROTECTO 401.
2. INSTALL FULL LENGTHS OF PIPE WITH TOTAL LENGTH CONTAINING ONLY RESTRAINED JOINTS EQUAL TO OR GREATER THAN LENGTH SHOWN IN TABLE.
3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS 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, FOR PVC WITH THE FOLLOWING ASSUMPTIONS:
   TYPE OF PIPE: PVC
   WORKING PRESSURE: 150 P.S.I.** ** FM = 100 P.S.I. / WM OR RWM = 150 P.S.I.
   SOIL DESIGNATION: SM(SAND SILT)
   LAYING CONDITIONS: S
6. FOR PIPE ENCASED IN POLYETHYLENE INCREASE THE GIVEN VALUE BY A FACTOR OF 1.5.
7. VALUES NOT LISTED IN THE TABLE TO BE COMPLETED BY THE ENGINEER.

RESTRAINED PIPE TABLE (PVC)

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 105



NOTES:

1. ADDITIONAL REINFORCEMENTS SHALL BE AS SPECIFIED BY THE ENGINEER.
2. MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHALL BE 2500 P.S.I.
3. BEDDING, BACKFILL, AND COMPACTION SHALL BE AS SPECIFIED ELSEWHERE IN THE STANDARD DRAWINGS.
4. ALL FORM BOARDS SHALL BE REMOVED PRIOR TO BACKFILL.
5. NO ALLOWANCE SHALL BE MADE FOR FRICTION BETWEEN THE PIPE WALL AND THE THRUST COLLAR.
6. DESIGN PRESSURE: 150 P.S.I.

SCHEDULE OF DIMENSIONS AND MATERIALS *

PIPE SIZE (INCHES)	DIMENSIONS (FT.) A	B	C	D	TIE RODS REQ'D DIA.	NO.
6	2.0	2.0	1.0		3/4	2
8	2.5	2.5	1.0		3/4	2
10	3.5	3.0	1.0		3/4	4
12	5.0	3.5	1.0		3/4	4
16	6.0	4.0	1.5		3/4	4
20	8.0	5.0	1.5		3/4	6
24	9.0	6.0	1.5		3/4	8

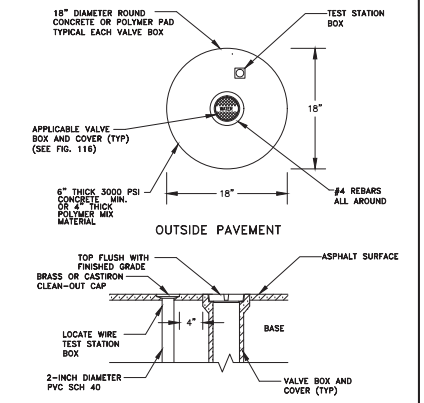
NOTE: THRUST BLOCK AREAS TO BE COMPUTED ON BASIS OF 3,000 LBS. PER SQ. FT. SOIL RESTRAINT DESIRED. (1,200 MIN) SEE NOTE 5
* TO BE COMPLETED BY ENGINEER.

WATER MAIN THRUST COLLAR DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 107



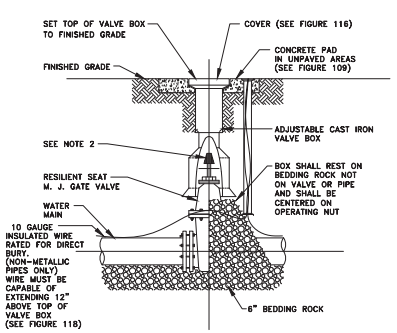
VALVE IDENTIFICATION TAG
TO BE INSTALLED BY CITY
& PAID FOR BY DEVELOPER

VALVE BOX

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 109



NOTES:

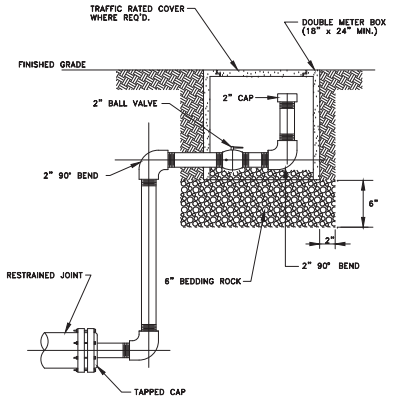
1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN A 3 FEET BELOW FINISHED GRADE.

GATE VALVE AND BOX DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 400



NOTES:

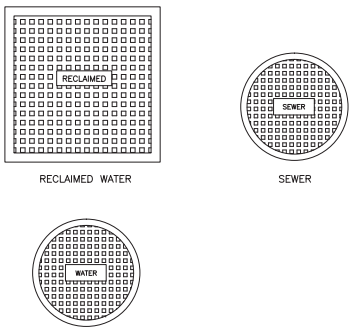
1. ALL 2 INCH PIPE AND FITTINGS SHALL BE SCHEDULE 40 GALVANIZED STEEL OR BRASS WITH THREADED (NPT) JOINTS. USE TEFLON TAPE ON JOINTS.
2. COLOR SHALL BE APPROPRIATE FOR USE.

BLOWOFF VALVE DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 403



TYPICAL VALVE BOX COVER DETAILS

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 116

NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

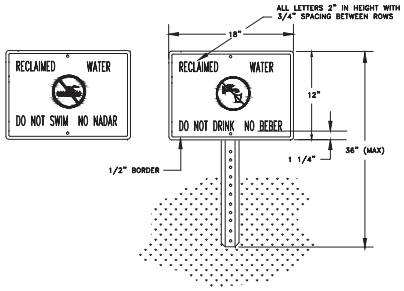
UTILITY DETAILS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/2/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C11.0

SOFIA CAROLINA SIERRA-GIL
LICENSE No. 90745
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET 94 OF 158

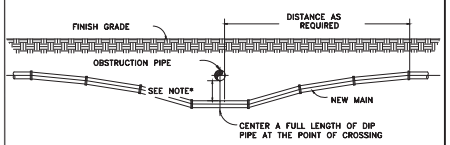


NOTES:

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

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 115



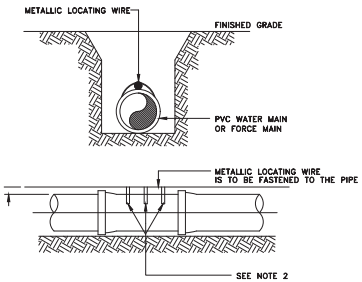
NOTES:

1. 18" MINIMUM CLEARANCE FOR WATER, SEWER AND RECLAIMED WATER MAIN CROSSINGS
2. 12" MINIMUM CLEARANCE REQUIRED FOR OTHER TYPE UTILITY CROSSINGS.
3. SEE ENCASEMENT DETAIL IF MINIMUM CLEARANCE CANNOT BE OBTAINED.

* CONSTRUCT UNIFORM PIPE DEFLECTION NOT TO EXCEED 75% OF MANUFACTURER RECOMMENDED MAXIMUM DEFLECTION PER PIPE JOINT

UTILITY CROSSING PIPE DEFLECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 117

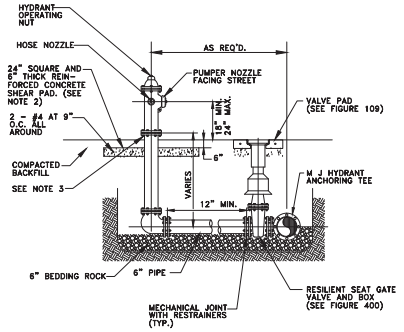


NOTES:

1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (10 AWG-SOLID CCS REINFORCED TRACER WIRE-INSULATED 30 MIL HDPE - 30 VOLT MFG. BY COPPERHEAD INDUSTRIES, LLC OR EQUAL) CAPABLE OF DETECTION BY A CABLE LOCATOR.
2. SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE AND ATTACHED WITH DUCT TAPE OR NYLON STRAPS AT 3 LOCATIONS PER JOINT. LOCATING WIRE SHALL TERMINATE AT THE TEST STATION BOX AS SHOWN IN FIG. 109.
3. BE CAPABLE OF EXTENDING 12" ABOVE TOP OF TEST STATION BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
4. SPLICES SHOULD BE MADE USING STANDARDS AND PRODUCTS DESIGNED FOR DIRECT BURIAL CONDUCTORS.
5. WIRE INSULATION SHALL BE COLOR CODED FOR THE TYPE OF PIPE BEING INSTALLED.

PVC PIPE LOCATING WIRE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 118

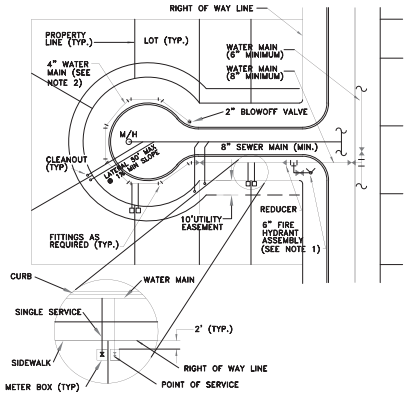


NOTES:

1. FIRE HYDRANT SHALL BE SUPPLIED WITHOUT A WEEP HOLE, OR WITH A PERMANENTLY PLUGGED WEEP HOLE.
2. THE SHEAR PAD SHALL BE RECESSED SIX (6) INCHES BELOW THE FINISHED GRADE AND THE RECESSED SECTION SODDED.
3. CLEARANCE BETWEEN BOTTOM OF BOLTS AND TOP OF SHEAR PAD SHALL BE A TWELVE (12) INCH MINIMUM.
4. FIRE HYDRANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF APOPKA UTILITIES DESIGN CONSTRUCTION STANDARDS MANUAL.

FIRE HYDRANT ASSEMBLY DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 402

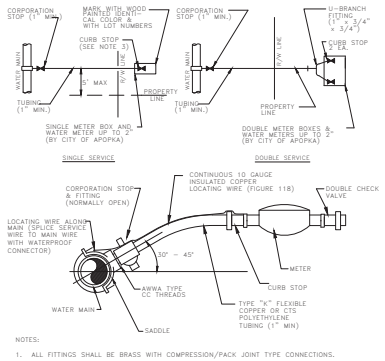


NOTES:

1. ANCHORING TYPE 90° BEND SHALL ONLY BE USED WHERE RIGHT-OF-WAY CONSTRUCTION WILL NOT ALLOW INSTALLATION OF A STRAIGHT ASSEMBLY.
2. POTABLE WATER MAINS SHALL BE MINIMUM 4" FOR THE LAST 500' OF A CUL-DE SAC NOT SERVING A HYDRANT.

TYPICAL SERVICE LOCATION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	MAY 2022	FIG. 404

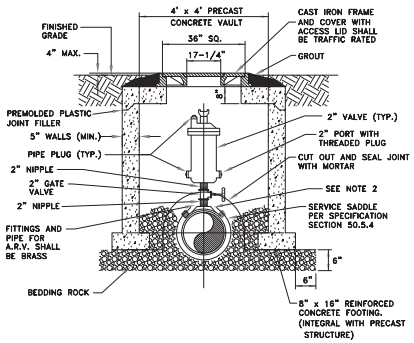


NOTES:

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 FOR POTABLE WATER AND PURPLE FOR RECLAIMED WATER AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.
4. RECLAIMED WATER SERVICES SHALL USE PURPLE COLORED CTS POLYETHYLENE TUBING.
5. POTABLE WATER SERVICES SHALL USE BLUE COLORED CTS POLYETHYLENE TUBING.
6. ALL SERVICE UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE INSTALLED IN A MINIMUM 2" PVC SLEEVE.

WATER SERVICE CONNECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 405

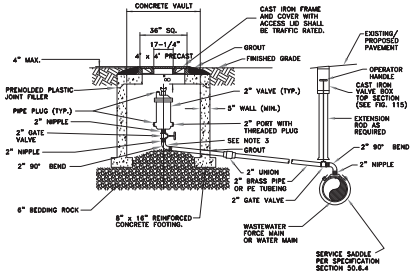


NOTES:

1. ABOVE DETAIL IS BASED ON 2 INCH COMBINATION AIR/VACUUM RELEASE VALVE. CHANGE PIPE AND FITTINGS ACCORDINGLY FOR OTHER VALVE SIZES AND TYPES. VALVE SIZES TO BE DETERMINED BY THE ENGINEER AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
2. THE MINIMUM DIMENSION FROM TOP OF PIPE TO FINISHED GRADE SHALL BE 4.0 FEET.
3. ALL STRUCTURES TO BE TRAFFIC BEARING RATED.

AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - UNDERGROUND

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 119



NOTES:

1. ABOVE DETAIL IS BASED ON 2 INCH COMBINATION AIR/VACUUM RELEASE VALVE. CHANGE PIPE AND FITTINGS ACCORDINGLY FOR OTHER VALVE SIZES AND TYPES. VALVE SIZES TO BE DETERMINED BY THE ENGINEER AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
2. THE MINIMUM DIMENSION FROM ELBOW INVERT TO FINISHED GRADE SHALL BE 4.0 FEET.
3. THE AIR RELEASE VALVE SHALL BE ADEQUATELY SUPPORTED.
4. ALL FITTINGS ARE TO BE BRASS.

OFFSET AIR OR COMBINATION AIR/VACUUM RELEASE VALVE DETAIL - UNDERGROUND

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 120

NO.	DATE	DESCRIPTION	BY
6	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
5	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
4	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

UTILITY DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

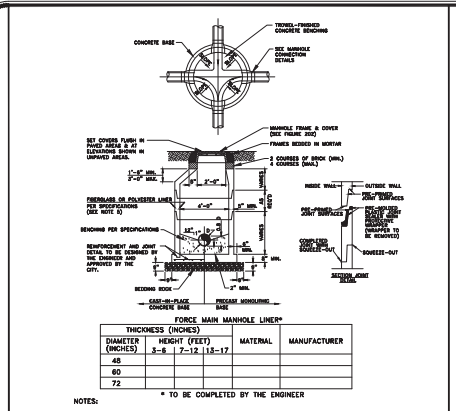
SCALE	DRAWN:	DESIGNED:	CHECKED:	DATE:
N.T.S.	A. FRANCIS	S.SIERRA-GIL	L.CLASSON	4/2/2025

PROJECT PUL-048
SHEET C11.1

KASHA CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 95 OF 158

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\UTILITY DETAILS.dwg Modified:6/9/2025 By:afrancis Plotted By:andrew francis



FORCE MAIN MANHOLE LINER*

DIAMETER (INCHES)	THICKNESS (INCHES) HEIGHT (FEET) 3-6	7-12	13-17	MATERIAL	MANUFACTURER
48					
60					
72					

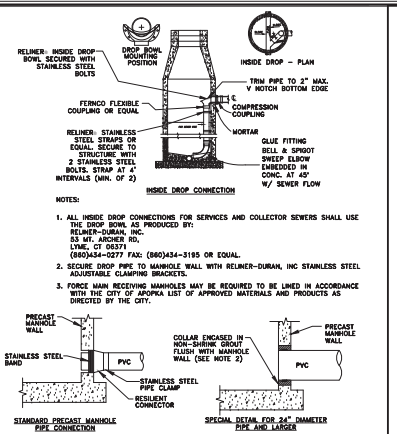
* TO BE COMPLETED BY THE ENGINEER

NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 24". SEE SECTION 20.4 OF THE MANUAL FOR MANHOLE DIAMETER FOR SEWERS LARGER THAM 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 3/8" MINIMUM.
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 MAY BE REQUIRED TO BE LINED IN ACCORDANCE WITH THE CITY OF APOPKA LIST OF APPROVED MATERIALS AND PRODUCTS AS DIRECTED BY THE CITY.

TYPICAL MANHOLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 200



NOTES:

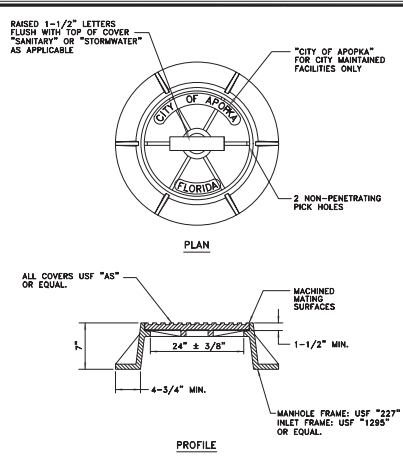
1. ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP BOWL AS PRODUCED BY: RELINER-DURAN, INC. 53 MT. ARCHER RD, LYME, CT 06371 (860)434-0277 FAX: (860)434-3195 OR EQUAL.
2. SECURE DROP PIPE TO MANHOLE WALL WITH RELINER-DURAN, INC STAINLESS STEEL ADJUSTABLE CLAMPING BRACKETS.
3. FORCE MAIN RECEIVING MANHOLES MAY BE REQUIRED TO BE LINED IN ACCORDANCE WITH THE CITY OF APOPKA LIST OF APPROVED MATERIALS AND PRODUCTS AS DIRECTED BY THE CITY.

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 INSIDE DROP CONNECTION SHALL BE REQUIRED FOR ALL INFLUENT WHICH HAVE AN INVERT 24" OR MORE ABOVE THE OUTFLOW PIPE INVERT.
4. CONCRETE TO BE MINIMUM OF 3000 PSI.

MANHOLE CONNECTION DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 201

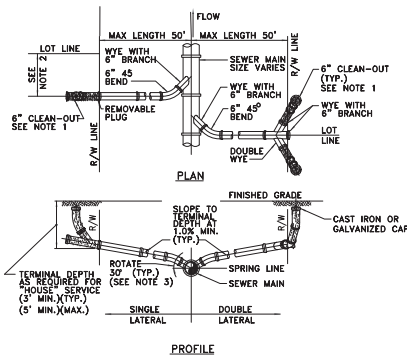


NOTES:

1. MANHOLE FRAME AND COVER ARE TO BE TRAFIC BEARING RATED H-20, CLASS 30 MEETING ASTM A 48.

STANDARD MANHOLE FRAME AND COVER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 202

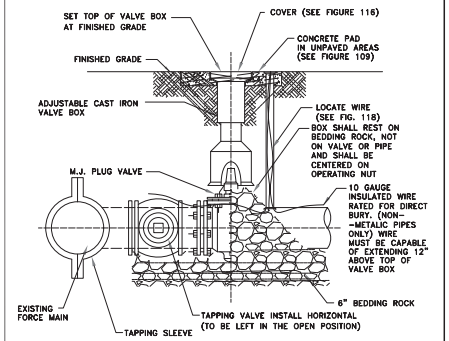


NOTES:

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. GALVANIZED, OR CAST IRON CLEAN-OUT CAP SHALL BE USED ON THE STUBOUT FOR EACH SERVICE.
6. LATERAL SHALL BE MARKED WITH AN "S" STAMPED OR CUT IN THE CURB.

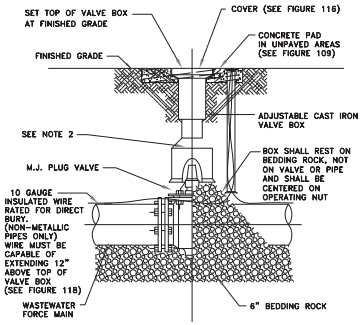
SERVICE LATERAL DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 204



FORCE MAIN WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 206

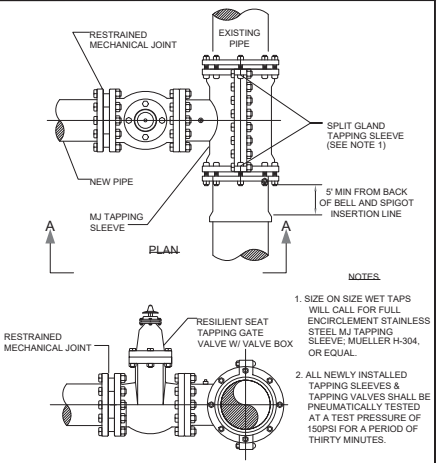


NOTES:

1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN 3 FEET BELOW FINISHED GRADE.

PLUG VALVE AND BOX DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 400 A



WATER AND RECLAIMED WATER MAINS WET TAP TIE-IN DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 406

NO.	DATE	DESCRIPTION
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

UTILITY DETAILS
CONSTRUCTION SITE PLAN

ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

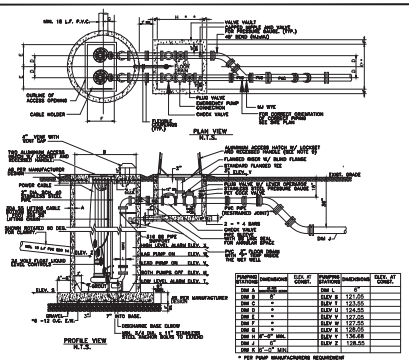
DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/2/2025

SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C11.2



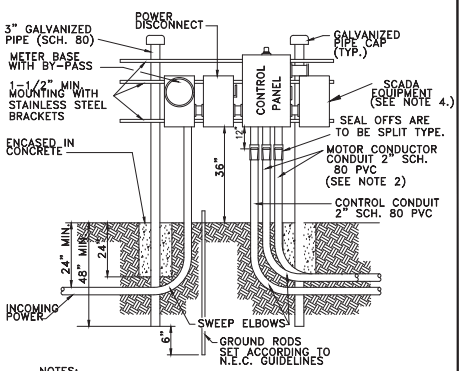
SHEET 96 OF 158

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\UTILITY DETAILS.dwg Modified:8/8/2025 By:afrancis Plotted By:andrew francis



PUMP STATION DETAIL

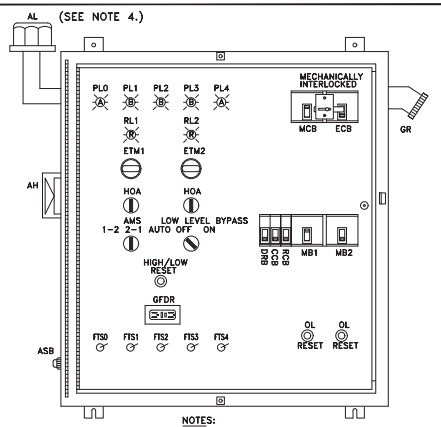
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 301



NOTES:
1. DRAWING IS SHOWN FOR 230 VOLT POWER SUPPLY. THE LOCATION OF METER AND MAIN POWER DISCONNECT SHALL BE REVERSED FOR 480 VOLT SUPPLY.
2. WHEN TWO (2) SEPARATE CONDUCTOR-TYPE MOTORS ARE USED, CONDUIT SHALL BE INCREASED TO THREE (3) INCH.
3. POWER SUPPLY SHALL BE UNDERGROUND TO THE PUMP STATION AND SHALL BE THREE (3) PHASE FROM A THREE (3) PHASE SOURCE ONLY.
4. STUB OUT UNISTRUT LONG ENOUGH TO ACCOMODATE A 24"x24" SCADA EQUIPMENT CABINET. CITY TO INSTALL SCADA EQUIPMENT CABINET.

DUPLEX PUMP STATION CONTROL PANEL INSTALLATION DETAIL

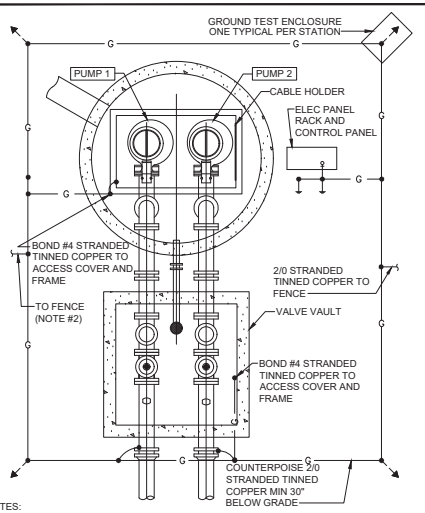
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 302



NOTES:
1. OUTER DOOR REMOVED TO SHOW DEADFRONT LAYOUT NEMA TYPE 3R 304 S.S. ENCL. WITH CONTINUOUS HINGE ALL HARDWARE STAINLESS STEEL TYPICAL, ACTUAL LAYOUT MAY VARY WITH HORSEPOWER
2. SERIES 3 (Q-FRAME) CIRCUIT BREAKERS
3. GENERATOR OUTLET FOR 230V – PYLE NATIONAL MODEL JRE4100/460V – CROUSE HINDS MODEL AR 2042.
4. THE HEIGHT OF THE ALARM LIGHT WILL NEED TO BE MADE VISIBLE FROM OUTSIDE THE LIFT STATION.

DUPLEX PUMP STATION CONTROL PANEL FRONT LAYOUT

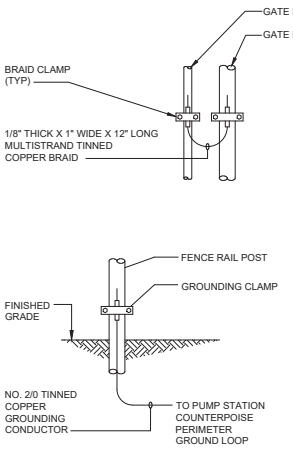
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 303



NOTES:
1. DETAIL IS GENERIC. SPECIFIC LOCATIONS OF EQUIPMENT MAY VARY.
2. TIE TO FENCE, MINIMUM 2 LOCATIONS. NOT REQUIRED WHERE PVC COATED OR BLOCK FENCE IS INSTALLED.
3. PROVIDE EXOTHERMIC WELDS UNLESS NOTED OTHERWISE.

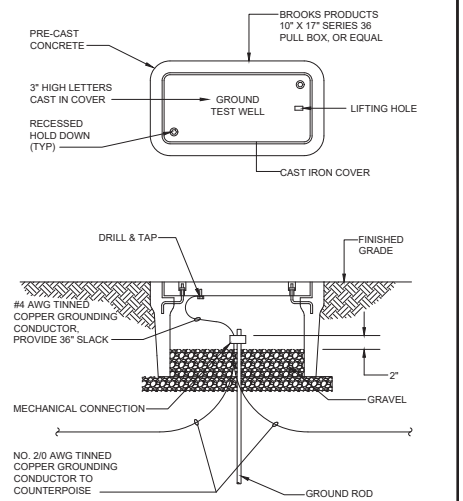
PUMP STATION GROUNDING (TYPICAL)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 307



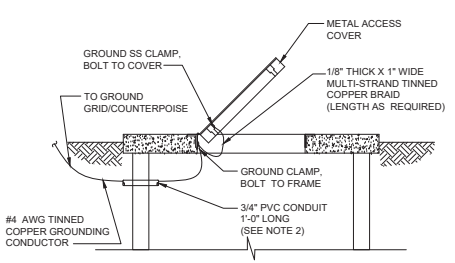
FENCE POST GROUNDING (TYPICAL)

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 307 A



GROUND TEST WELL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 307 B



NOTES:
1. ON COVERS WITH MULTIPLE DOORS, PROVIDE BRAID FROM FRAME TO DOOR ON EACH DOOR. PROVIDE WATERPROOF CAULKING WHERE GROUND CABLE AND CONDUIT PENETRATES WETWELL TO PREVENT INTRUSION OF GROUNDWATER AND ESCAPE OF VAPORS FROM WETWELL.
2. INSTALL GROUND WIRE SO THAT IT WILL NOT CROSS CLEAR OPENING OR PREVENT OR IMPEDE NORMAL METHOD OF REMOVING FLOATS OR PUMPS.

COVER AND DOOR GROUNDING

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 307 C

LIFT STATION MANUFACTURER IS REQUIRED TO PROVIDE SIGNED AND SEALED DRAWINGS FROM AN ELECTRICAL ENGINEER FOR CONTROL PANEL AND ELECTRICAL SPECIFICATIONS. PRIVATE LIFT STATION DESIGNED BY MESSINA & ASSOCIATES. THE ENGINEER OF RECORD'S SIGNATURE AND SEAL ON THIS SHEET IS ONLY FOR THE CIVIL ENGINEERING PORTION.

NOTES:
1. CONTRACTOR TO GRADE LIFT STATION SITE SUCH THAT WET WELL AND VALVE VAULT ARE A MIN OF 3" ABOVE SURROUNDING GRADE ELEVATION. ALSO, DRAINAGE IS SLOPED AWAY FROM THESE STRUCTURES.
2. THE ELECTRICAL DETAILS ARE SHOWN FOR CONCEPTUAL PURPOSES ONLY AND THE SUPPLIER SHALL PROVIDE FINAL SIGNED & SEALED DRAWINGS FOR ALL ELECTRICAL WORK.
3. CONTRACTOR TO VERIFY ELECTRICAL SERVICE PHASE, CURRENT AND VOLTAGE AVAILABILITY AND INCLUDE VERIFICATION OF SUCH IN SHOP DRAWING SUBMITTAL PRIOR TO PURCHASE AND/OR INSTALLATION OF PUMP AND CORRELATED ELECTRICAL LIFT STATION COMPONENTS.

DATE	DESCRIPTION	BY
08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
03/07/25	S.M.R.D. COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 30960

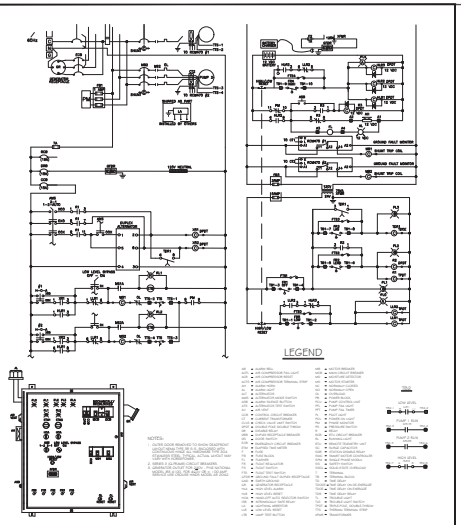
LIFT STATION DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/3/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C11.3

NORTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

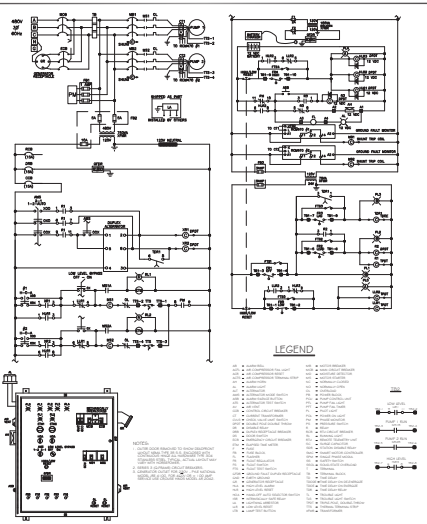
SHEET 97 OF 158

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblages\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\LIFT STATION DETAILS.dwg Modified:6/9/2025 By:sanchez Plotted By:andrew francis



DUPLEX PUMP CONTROL PANEL
GENERAL LAYOUT & SCHEMATIC
(230V-3PH)
WITH GENERATOR RECEPTACLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 305 A



DUPLEX PUMP CONTROL PANEL
GENERAL LAYOUT & SCHEMATIC
(480V-3PH)
WITH GENERATOR RECEPTACLE

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 305 C

AB – ALARM BELL
ACFL – AIR COMPRESSOR FAIL LIGHT
ACR – AIR COMPRESSOR RESET
ACTS – AIR COMPRESSOR TERMINAL STRIP
AH – ALARM HORN
AL – ALARM LIGHT
ALT – ALTERNATOR
AMS – ALTERNATOR MODE SWITCH
ASB – ALARM SILENCE BUTTON
ATS – ALTERNATOR TEST SWITCH
AV – AIR VENT
CCB – CONTROL CIRCUIT BREAKER
CT – CURRENT TRANSFORMER
CVLS – CHECK VALVE LIMIT SWITCH
DPDT – DOUBLE-POLE, DOUBLE-THROW
DR – DISABLE RELAY
DRB – DUPLEX RECEPTACLE BREAKER
DS – DOOR SWITCH
ECB – EMERGENCY CIRCUIT BREAKER
ETM – ELAPSED TIME METER
F – FUSE
FB – FUSE BLOCK
FL – FLASHER
FR – FLOAT REGULATOR
FS – FLOW SWITCH
FTS – FLOAT TEST SWITCH
GFDR – GROUND FAULT DUPLEX RECEPTACLE
GND – EARTH GROUND
GR – GENERATOR RECEPTACLE
HLA – HIGH LEVEL ALARM
HLR – HIGH LEVEL RESET
HOA – HAND-OFF-AUTO SELECTOR SWITCH
ISR – INTRINSICALLY SAFE RELAY
LA – LIGHTNING ARRESTOR
LLR – LOW LEVEL RESET
LTB – LAMP TEST BUTTON
MB – MOTOR BREAKER
MCB – MAIN CIRCUIT BREAKER
MD – MOISTURE DETECTOR
MS – MOTOR STARTER
NC – NORMALLY CLOSED
NO – NORMALLY OPEN
OL – OVERLOAD
PB – POWER BLOCK
PCU – PUMP CONTROL UNIT
PFL – PUMP FAIL LIGHT
PFT – PUMP FAIL TIMER
PL – PILOT LIGHT
POL – POWER ON LIGHT
PM – PHASE MONITOR
PS – PRESSURE SWITCH
R – RELAY
RCB – RTU CIRCUIT BREAKER
RL – RUNNING LIGHT
RTU – REMOTE TELEMETRY UNIT
SC – SURGE CAPACITOR
SDR – STATION DISABLE RELAY
SMC – SMART MOTOR CONTROLLER
SPM – SINGLE PHASE MODULE
SS – SAFETY SWITCH
SSOL – SOLID-STATE OVERLOAD
T – TERMINAL
TB – TERMINAL BLOCK
TD – TIME DELAY
TDODE – TIME DELAY ON DE-ENERGIZE
TDOE – TIME DELAY ON ENERGIZE
TDR – TIME DELAY RELAY
TL – TROUBLE LIGHT
TLS – TROUBLE LIGHT SWITCH
TPDT – TRIPLE-POLE, DOUBLE-THROW
TTS – THERMAL TERMINAL STRIP
XFMR – TRANSFORMER

COMPONENT LEGEND

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 306

CONTROL PANEL AND ELECTRICAL INFORMATION IS FOR CONCEPTUAL PURPOSES. LIFT STATION MANUFACTURER IS REQUIRED TO PROVIDE SIGNED AND SEALED DRAWINGS FROM AND ELECTRICAL ENGINEER FOR CONTROL PANEL AND ELECTRICAL SPECIFICATIONS. THE ENGINEER OF RECORD'S SIGNATURE AND SEAL ON THIS SHEET IS ONLY FOR THE CIVIL ENGINEERING PORTION.

NOTES:
1. CONTRACTOR TO GRADE LIFT STATION SITE SUCH THAT WET WELL AND VALVE VAULT ARE A MIN OF 3" ABOVE SURROUNDING GRADE ELEVATION. ALSO, DRAINAGE IS SLOPED AWAY FROM THESE STRUCTURES.
2. THE ELECTRICAL DETAILS ARE SHOWN FOR CONCEPTUAL PURPOSES ONLY AND THE SUPPLIER SHALL PROVIDE FINAL SIGNED & SEALED DRAWINGS FOR ALL ELECTRICAL WORK.
3. CONTRACTOR TO VERIFY ELECTRICAL SERVICE PHASE, CURRENT AND VOLTAGE AVAILABILITY AND INCLUDE VERIFICATION OF SUCH IN SHOP DRAWING SUBMITTAL PRIOR TO PURCHASE AND/OR INSTALLATION OF PUMP AND CORRELATED ELECTRICAL LIFT STATION COMPONENTS.

NO.	DATE	DESCRIPTION	BY
1	08/14/25	CITY OF APOPKA COMMENTS DATED 06/30/2025	SCS
2	05/14/25	CITY OF APOPKA COMMENTS DATED 04/28/2025	SCS
3	03/07/25	SJRWMD COMMENTS DATED 02/27/2025	SCS

1828 ENGINEERING
2400 MAITLAND CENTER PKWY, SUITE 107
MAITLAND, FLORIDA 32751
(407) 558-2228
BOARD OF PROFESSIONAL ENGINEERING REGISTRY NO. 29060

LIFT STATION DETAILS
CONSTRUCTION SITE PLAN
ONDICH SOUTH SUBDIVISION
CITY OF APOPKA, FLORIDA

DRAWN: A. FRANCIS
DESIGNED: S.SIERRA-GIL
CHECKED: L.CLASSON
DATE: 4/3/2025
SCALE: N.T.S.
PROJECT: PUL-048
SHEET: C11.4

SOUTH CAROLINA SIERRA-GIL LICENSE No. 90745 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET 98 OF 158

P:_PROJECT DRAWINGS\PUL-048 Ondich South Assemblage\Drawings\CAD Civil3D\Layouts\05 Construction Site Plan\LIFT STATION DETAILS.dwg Modified:6/9/2025 By:sanchez Plotted By:andrew francis