APOPKA DEVELOPMENT REVIEW COMMITTEE AGENDA
April 15, 2026 9:00 AM
Apopka City Hall Commission Chambers

SPECIAL EVENTS

1. **GFWC Apopka Woman's Club - Apopka Art and Foliage Festival - Kit Land Nelson Park - 10 North Forest Avenue - April 25th-26th 2026 9:00am - 5:00pm**
   Owner(s): GFWC Apopka Woman's Club
   Applicant(s): Joann Castillo
   Location: Kit Land Nelson Park - 10 North Forest Avenue
   Proposed Use: Festival/Celebration
   Project Manager: Carolyn Ray

2. **Apopka Florist - Grand Opening - 2121 East Semoran Boulevard - May 3rd, 2026 10:00am - 4:00pm**
   Owner(s): Apopka Florist
   Applicant(s): Bruce Haase
   Location: 2121 East Semoran Boulevard
   Proposed Use: Grand Opening
   Project Manager: Carolyn Ray

3. **Apopka Police Department - Apopka PD Personal Safety Day in the Park - Kit Land Nelson Park - 10 North Forest Avenue - May 9th, 2026 9:00am to 11:00am**
   Owner(s): Apopka Police Department
   Applicant(s): Apopka Police Department - Sgt. Mark Creaser
   Location: Kit Land Nelson Park - 10 N Forest Avenue
   Proposed Use: Self Defense Safety Day
   Project Manager: Carolyn Ray

4. **Apopka Police Department - APD Shred Event - Edwards Field - E 1st Street - June 6th, 2026 9:00am - 12:00pm**
   Owner(s): Apopka Police Depratment
   Applicant(s): Sgt. Mark Creaser
   Location: Edwards Field - E 1st Street
   Proposed Use: Shred Event
   Project Manager: Carolyn Ray

5. **Sundown Presents LLC - Tailgate N' Tunes - Apopka Amphitheater - 3710 Jason Dwelley Parkway - June 6th 2026 5:30pm - 10:00pm**
   Owner(s): Sundown Presents LLC
   Applicant(s): Francisco Muniz
   Location: Apopka Amphiteaher - 3710 Jason Dwelley Parkway
   Proposed Use: Festival/Celebration
   Project Manager: Carolyn Ray

6. **The Gina Reynolds Foundation - The 2026 Team Gina 5K - Apopka Amphitheater - 3170 Jason Dwelley Parkway - October 31st, 2026 5:00am - 10:00am**
   Owner(s): The Gina McReynolds Foundation
   Applicant(s): Tara Barrett
   Location: Apopka Amphitheater - 3710 Jason Dwelley Parkway
   Proposed Use: Organized Run/Walk
   Project Manager: Carolyn Ray

SPECIAL EXCEPTION

1. **SPX-26-4 - Telecom Tower (FL23193-S Wyld Oaks) - Special Exception Use (SPX), 1st Submittal**
   Owner(s): Kelly Park VB Development LLC
   Applicant(s): Kimley-Horn - Shahzad Mahmood
   Location: 13-20-27-4300-01-000
   Proposed Use: Construction of a 120-Foot Stealth Wireless Telecommunications
   Project Manager: Jean Sanchez

SITE PLAN:

MAJOR DEVELOPMENT PLAN

1. **MDP-26-2 - The Ridge PD Parcel 3 - Major Development Plan (MDP), 1st Submittal**
   Owner(s): Apopka Centerline Development LLC
   Applicant(s): Vanasse Hangen Brustlin Inc - George Georgy PE
   Location: Boyscout Road - PID:17-21-28-7345-03-000
   Proposed Use: Multi-Family Development with 363 Multi-Family Dwelling Units
   Project Manager: Jean Sanchez

2. **MDP-25-14 - Wyld Oaks C- Store - Major Development Plan (MDP), 2nd Submittal**
   Owner(s): Kelly Park VB Development LLC
   Applicant(s): Kimley-Horn and Associates LLC - Mackenzie Cerjan
   Location: West Kelly Park Road between Effie Drive and Highway 429
   Proposed Use: 1.24-Acre Commercicial Development with 6,300 SF Multi-Tenant Building & 16 Fuel Pumps
   Project Manager: Jean Sanchez

CONSTRUCTION SITE PLAN

1. **CSP-26-15 - Logistics 429 at Apopka Ridge Buildings 400, 500 & 600 - Construction Site Plan (CSP), 1st Submittal**
   Owner(s): Ridge 429 Owner LLC
   Applicant(s): Smiley & Associates Inc - Mark Smiley
   Location: 1315 Jack Junction Way
   Proposed Use: Construction of Buildings 400, 500 & 600 in Phase 2 area of the MDP
   Project Manager: Jean Sanchez

2. **CSP-26-9 - Apopka Northwest Recreation Complex - Phase 4 Soccer Fields - Construction Site Plan (CSP), 2nd Submittal**
   Owner(s): City of Apopka
   Applicant(s): CPH Consulting LLC - Joshua Hughes
   Location: 3910 Jason Dwelley Parkway
   Proposed Use: Six soccer pads in three phases
   Project Manager: Bobby Howell

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.

April 25 & 26: Apopka Art & Foliage Festival

KLNP

DRC: 4/15/26

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	GFWC Apopka Woman's Club
Name of Applicant	Joann Castillo
Mailing Address	914 Sheeler Oaks Dr

City	Apopka
State	FL
Zip Code	32703
Cell Phone	407 920 2882
Email	jtoby13@yahoo.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	FL

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	NON PROFIT INFO.pdf
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	Sales Tax Exempt Form.pdf Sales Tax Exempt Form.pdf
Name of the Event	Apopka Art and Foliage Festival
Date(s) of the Event	April 25th and 26th 2026
Hours of the Event	9AM to 5PM Saturday 10AM to 4PM Sunday
Location of the Event	Kit Land Nelson Park
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	3000
Briefly describe the event and all activities that will occur during the event:	Fine art and creative crafts are displayed and offered for sale.. 20 to 25 foliage specialists displaying & selling products. 2 or 3 school art tents from various area schools. several conservation groups on display. Children's area featuring hands on crafts, Apopka police & fire departments participating. Continuous entertainment and 15 to 20 concessionaires selling food and drink.
Event Category	• Festival/Celebration
Are there flyers or advertisements for this event?	Yes
Attach Flyer or Advertisement 1	Artist Foliage Festival 2026 Flyer.pdf
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?	No
Will there be merchandising vending at your event?	Yes
How many vendors?	100
Will they need electric?	Yes

Additional fees apply for electric use.

Will you be hiring a private security company for the event?	Yes
Name of Security Company:	Fast Guard Security Service
Do you require overnight security?	Yes
Are there musical entertainment features related to your event?	Yes

Please attach a list of all stage performance schedules.

Please attach a list of all stage performance schedules.	ENTERTAINMENET 2026.docx
Will amplified sound be used during the event?	Yes
Will any streets be closed or will the flow of traffic be affected by the event?	Yes
Please indicate the road names	Park Av between 1st Street & Orange St. Orange Street,, 1st street between Park & Forest St
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?	10X 12 10X20 20X40
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No
Layout map for event	2026 MAP AAAFF.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	04/24/2026
Start Time	3:00 PM (EST)
End Time	6:30 PM (EST)

Event Dates

Date	04/25/2026
Start Time	6:30 AM (EST)
End Time	5:00 PM (EST)

Take Down/Load Out

Date	04/26/2026
Start Time	4:00 PM (EST)
End Time	6:00 PM (EST)

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	Joann Castillo
Title of Applicant	Chairman

Date Submitted	04/10/2026

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.	2026 insurance binder.pdf 2026 cert of ins.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	Joann Castillo
Title of Applicant	Chairman
Sponsoring Organization Name	GFWC Apopka Woman's Club

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/03/2026

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
K&K Insurance Group, Inc.
P.O. Box 2338
Fort Wayne, IN 46801-2338

CONTACT NAME: MM – Short Term Special Events
PHONE (A/C, No, Ext): 1-877-648-6404 FAX (A/C, No): 1-260-459-5502
E-MAIL ADDRESS: info@eventinsurance-kk.com
PRODUCER CUSTOMER ID:

INSURED
GFWC Apopka Woman's Club, Inc.
P.O. Box 378
Apopka, FL 32704
A Member of the Sports, Leisure & Entertainment RPG

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Markel Insurance Company	38970
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** W04103544 **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 X Host Liquor Liability Included GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	X		M1RPG0000000717500	04/24/2026 12:01 AM EDT	04/27/2026 12:01 AM	EACH OCCURRENCE	$1,000,000
							DAMAGE TO RENTED PREMISES (Ea Occurrence)	$1,000,000
							MED EXP (Any one person)	$5,000
							PERSONAL & ADV INJURY	$1,000,000
							GENERAL AGGREGATE	$5,000,000
							PRODUCTS – COMP/OP AGG	$1,000,000
							PROFESSIONAL LIABILITY	
							BODILY INJURY TO PARTICIPANTS	
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY [ ] NOT PROVIDED WHILE IN HAWAII						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 [ ] If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					[ ] PER STATUTE [ ] OTHER	
							E.L. EACH ACCIDENT	
							E.L. DISEASE – EA EMPLOYEE	
							E.L. DISEASE – POLICY LIMIT	
	MEDICAL PAYMENTS FOR PARTICIPANTS						PRIMARY MEDICAL	
							EXCESS MEDICAL	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Event Name: Apopka Art and Foliage Festival; Event Date: 04/24/2026 to 04/26/2026; # of attendees: 3000
Event Location: 10 N Forest Ave, Apopka, Florida 32703
Liquor Liability (as provided by CG 00 01 04 13) applies only if the insured is not in the business of manufacturing, distributing, selling, serving or furnishing alcoholic beverages.
The certificate holder is added as an additional insured, but only for liability caused, in whole or in part, by the acts or omissions of the named insured.

CERTIFICATE HOLDER
City of Apopka
120 E Main St
Apopka, FL 32703
(Owner/Lessor of Premises)

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
Scott Turnbull

Coverage is only extended to U.S. events and activities.
** NOTICE TO TEXAS INSUREDS: The Insurer for the purchasing group may not be subject to all the insurance laws and regulations of the State of Texas

ACORD 25 (2016/03)
The ACORD name and logo are registered marks of ACORD
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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)
City of Apopka 120 E Main St Apopka, FL 32703 Named Insured: GFWC Apopka Woman's Club, Inc.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

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

However:

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

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

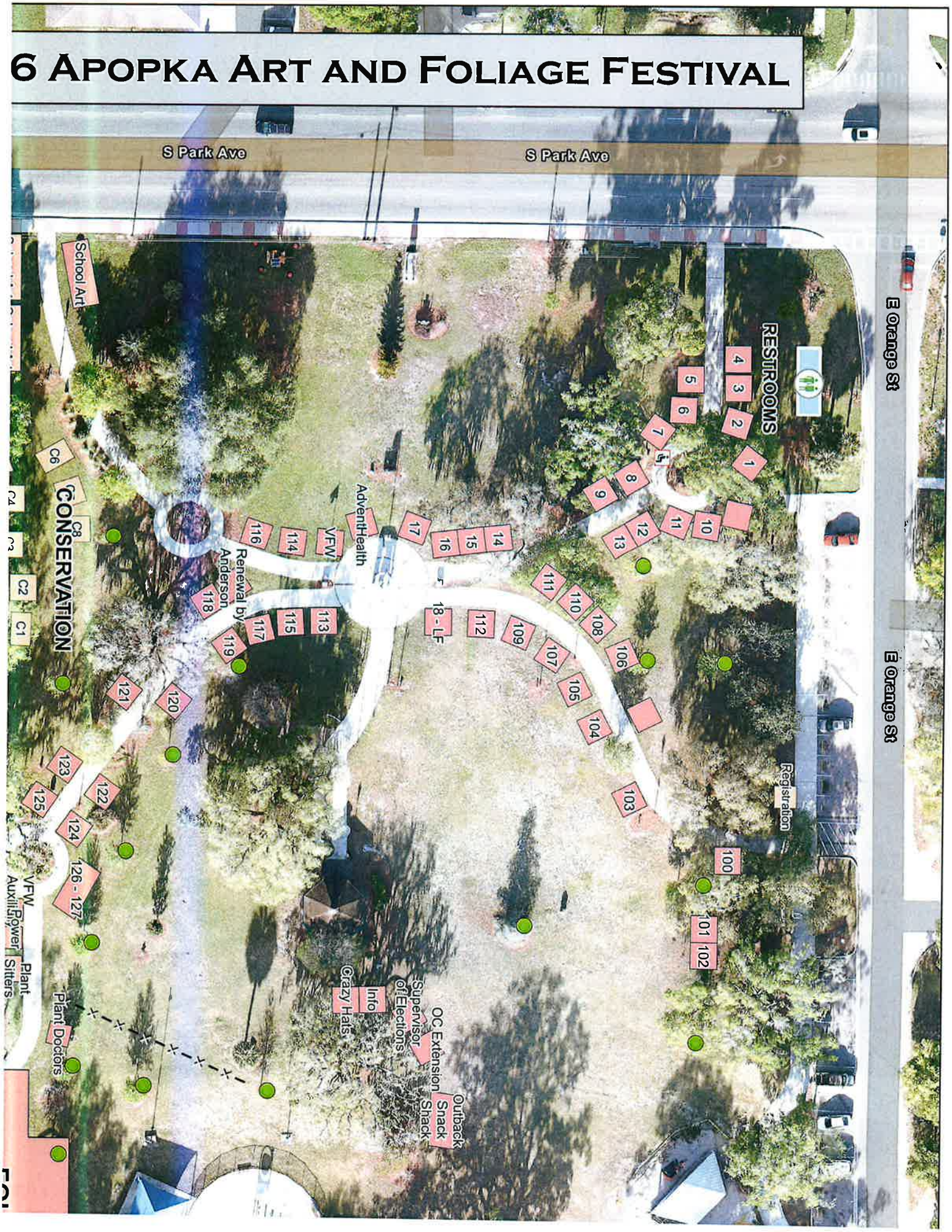
If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

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

whichever is less.

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

© Insurance Services Office, Inc., 2012


6 APOPKA ART AND FOLIAGE FESTIVAL
S Park Ave
S Park Ave
E Orange St
E Orange St
School Art
RESTROOMS
CONSERVATION
AdventHealth
VFW
Renewal by Anderson
18 - LF
Registration
VFW Auxiliary
Flower Sitters
Plant Doctors
Crazy Hats
Info
Supervisor of Elections
OC Extension
Snack Shack
Outback

Art and Foliage Festival 2026

Entertainment

Saturday April 25th, 2026

9:00	DJ- Ralo Flores
9:30	Opening Ceremony
10:00	Christian Learning Academy
11:00	Lakeville Elementary School
12:00	Wolf Lake Middle School
1:00	Pink Diamondettes Dance Academy
2:00	Kidzdance
3:15	Wolf Lake Elementary School

Sunday April 26th, 2025

10:00	Zellwood Elementary School
12:00	Awards Ceremony
1:00	Dream Creek Band

4

FLORIDA

2026 Florida Annual Resale Certificate for Sales Tax

This Certificate Expires on December 31, 2026

DR-13
R. 10/25

Business Name and Location Address

GFWC APOPKA WOMANS CLUB INC
201 S PARK AVE
APOPKA, FL 32703-4230

Certificate Number

58-8012102710-3

By extending this certificate or the certificate number to a selling dealer to make eligible purchases of taxable property or services exempt from sales tax and discretionary sales surtax, the person or business named above certifies that the taxable property or services purchased or rented will be resold or re-rented for one or more of the following purposes:

- Resale as tangible personal property
- Re-rental as tangible personal property
- Resale of services
- Incorporation into tangible personal property being repaired
- Re-rental as transient rental property
- Incorporation as a material, ingredient, or component part of tangible personal property that is being produced for sale by manufacturing, compounding, or processing

Your *Florida Annual Resale Certificate for Sales Tax* (Annual Resale Certificate) allows you or your representatives to buy or rent property or services tax exempt when the property or service is resold or re-rented. You **may not** use your Annual Resale Certificate to make tax-exempt purchases or rentals of property or services that will be used by your business or for personal purposes. Florida law provides for criminal and civil penalties for fraudulent use of an Annual Resale Certificate.

As a seller, you must document each tax-exempt sale for resale using one of three methods. You can use a different method each time you make a tax-exempt sale for resale.

1. Obtain a copy (paper or electronic) of your customer's current Annual Resale Certificate.
2. For each sale, obtain a transaction authorization number using your customer's Annual Resale Certificate number.
3. Each calendar year, obtain annual vendor authorization numbers for your regular customers using their Annual Resale Certificate numbers.

Online: Visit **floridarevenue.com/taxes/certificates**

Phone: 877-357-3725 and enter your customer's Annual Resale Certificate number

Mobile App: Available for iPhone, iPad, and Android devices

2024 FLORIDA NOT FOR PROFIT CORPORATION ANNUAL REPORT

FILED
Apr 30, 2024
Secretary of State
1655635218CC

DOCUMENT# N34934

Entity Name: GFWC APOPKA WOMAN'S CLUB, INC.

Current Principal Place of Business:

1173 DEER LAKE CIRCLE
APOPKA, FL 32712

Current Mailing Address:

P.O. BOX 336
APOPKA, FL 32704 US

FEI Number: 59-2147646

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

WHITE, CHARLOTTE
1173 DEER LAKE CIRCLE
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: CHARLOTTE WHITE 04/30/2024
Electronic Signature of Registered Agent — Date

Officer/Director Detail :

Title	PRESIDENT
Name	WHITE, CHARLOTTE
Address	1173 DEER LAKE CIRCLE
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 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: CHARLOTTE WHITE PRESIDENT 04/30/2024
Electronic Signature of Signing Officer/Director Detail — Date

CALLING ALL ARTISTS & CRAFTERS

APOPKA ART & Foliage

64th ANNUAL FESTIVAL

Kit Land Nelson Park

35 South Park Avenue Apopka, FL 32703

Saturday and Sunday

April 25th & 26th, 2026

Saturday 9:00 am - 5:00 pm

Sunday 10:00 am - 4:00 pm

Booth Fee is $175 for 2 days

WWW.APOPKAARTANDFOLIAGEFESTIVAL.ORG

DRC: 4/15

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

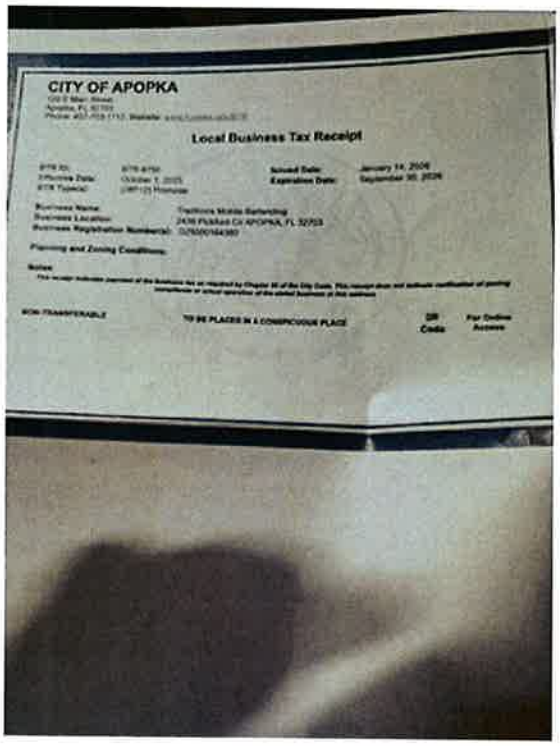
Remember, we suggest that all applications submitted at least 60 to 90 days prior to the event.

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	apopka florist
Name of Applicant	bruce haase
Mailing Address	2439 Pickford Circle

City	Apopka
State	Florida
Zip Code	32703
Cell Phone	4147883342
Email	brucehaase99@gmail.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	No
State of Florida Tax ID Number	884354294
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	
Name of the Event	Grand Opening
Date(s) of the Event	May 3rd, 2026
Hours of the Event	10-4pm
Location of the Event	2121 E Semeran Blvd
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	100
Briefly describe the event and all activities that will occur during the event:	Grand opening with music. want to put tent in parking lot

Event Category	• Neighborhood Block Party • Festival/Celebration
Are there flyers or advertisements for this event?	No
Additional Event Information	Robbon cutting, music, food, drink.
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?	No
Will there be merchandising vending at your event?	No
Will they need electric?	No
Will you be hiring a private security company for the event?	No
Do you require overnight security?	No
Are there musical entertainment features related to your event?	No
Will amplified sound be used during the event?	Yes
Will any streets be closed or will the flow of traffic be affected by the event?	No
Does your event include the use of tents?	Yes

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

What size of tents?	1 not sure yet
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

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

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

Setup/Load In

Date	05/03/2026

Start Time	10:00 AM (EDT)
End Time	4:00 PM (EDT)

Event Dates

Date	05/03/2026
Start Time	10:00 AM (EDT)
End Time	4:00 PM (EDT)

Take Down/Load Out

Date	05/03/2026
Start Time	4:00 PM (EDT)
End Time	6:00 PM (EDT)

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

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

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

Applicant Signature	
Name of Applicant	BRUCE ANTHONY HAASE
Title of Applicant	owner
Date Submitted	03/31/2026

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	BRUCE ANTHONY HAASE
Title of Applicant	owner
Sponsoring Organization Name	Traditions Events

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/06/2026

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

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

PRODUCER
Veracily Insurance Solutions, LLC.
260 South 2500 West, Suite 303
Pleasant Grove UT 84062

CONTACT NAME: FLIP Program Support
PHONE (A/C, No, Ext): (844)-520-6992 **FAX (A/C, No):**
E-MAIL ADDRESS: info@fliprogram.com

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Great American Alliance Insurance Co.	26832
INSURER B :		
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

INSURED
Traditions Event Planning, DBA Apopka Florist
2439 Pickford Circle
APOPKA FL 32703

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

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC	X		PLF194992-F307022	05/18/2025	05/18/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG ANIMAL BAILEE	$ 1,000,000 $ 300,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS						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 OFFICE/MEMBER EXCLUDED? Y / N N / A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, If more space is required)
Certificate holder had been added as additional insured regarding the above mentioned policy per attached Additional Insured-Vendors (CG 20 15 Ed. 04 13)

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

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

AUTHORIZED REPRESENTATIVE

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The ACORD name and logo are registered marks of ACORD

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - VENDORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE FORM

SCHEDULE

Name of Additional Insured Person(s) or Organization(s) (Vendor)	**Your Products**
Any vendor of products covered by this policy but only for product defect claims where said vendor had no involvement in the creation of the alleged defect and there are not allegations of independent wrongdoing.	All products of Named Insured

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

A. SECTION II – WHO IS AN INSURED is amended to include as an additional insured any person(s) or organization(s) (referred to throughout this endorsement as vendor) shown in the Schedule, but only with respect to "bodily injury" or "property damage" arising out of "your products" shown in t he Schedule which are distributed or sold in the regular course of the vendor's business.
However:

1. the insurance afforded to such vendor only applies to the extent permitted by law; and

2. if coverage provided to the vendor is required by a contract or agreement, the insurance afforded to such vendor will not be broader than that which you are required by the contract or agreement to provide for such vendor.

B. With respect to the insurance afforded to these vendors, the following additional exclusions apply:

1. The insurance afforded the vendor does not apply to:

   a. "bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;

   c. any express warranty unauthorized by you;

   c. any physical or chemical change in the product made intentionally by the vendor;

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d. repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

e. any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

f. demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

g. products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or

h. "bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

(1) the exceptions contained in subparagraphs **d.** or **f.** ; or

(2) such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

2. This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

C. With respect to the insurance afforded to these vendors, the following is added to **SECTION III - LIMITS OF INSURANCE:**

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

1. required by the contract or agreement; or

2. available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

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

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2025 FLORIDA LIMITED LIABILITY COMPANY ANNUAL REPORT

FILED
Feb 05, 2025
Secretary of State
0554874128CC

DOCUMENT# L15000124583

Entity Name: TRADITIONS EVENT PLANNING AND DESIGN GROUP, LLC

Current Principal Place of Business:

2439 PICKFORD CIRCLE
APOPKA, FL 32703

Current Mailing Address:

2439 PICKFORD CIRCLE
APOPKA, FL 32703 US

FEI Number: APPLIED FOR

Certificate of Status Desired: No

Name and Address of Current Registered Agent:

HAASE, BRUCE A JR
2439 PICKFORD CIRCLE
APOPKA, FL 32703 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	AMBR
Name	HAASE, BRUCE A JR.
Address	2439 PICKFORD CIRCLE
City-State-Zip:	APOPKA FL 32703

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: BRUCE HAASE OWNER 02/05/2025

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

MAKING PLACES. BETTER.

April 3, 2026

City of Apopka
120 E. Main Street
Apopka, Fl 32703

RE: Apopka Florist/ Blooming Lounge Grand Opening Event

To Whom It May Concern:

Apopka Florist has permission to have a Grand Opening Event on May 2nd from 10 am to 4 pm to include ribbon cutting, music, and food with a tent in the Tenants parking spaces in front of the premises 2121 E Semoran Blvd, Apopka in Wekiva Riverwalk Shopping Center.

Please contact me at (407) 491-8243 with any questions or concerns.

Sincerely,

Woolbright Wekiva, LLC,
By Woolbright development authorized signatory

Donna Mooser

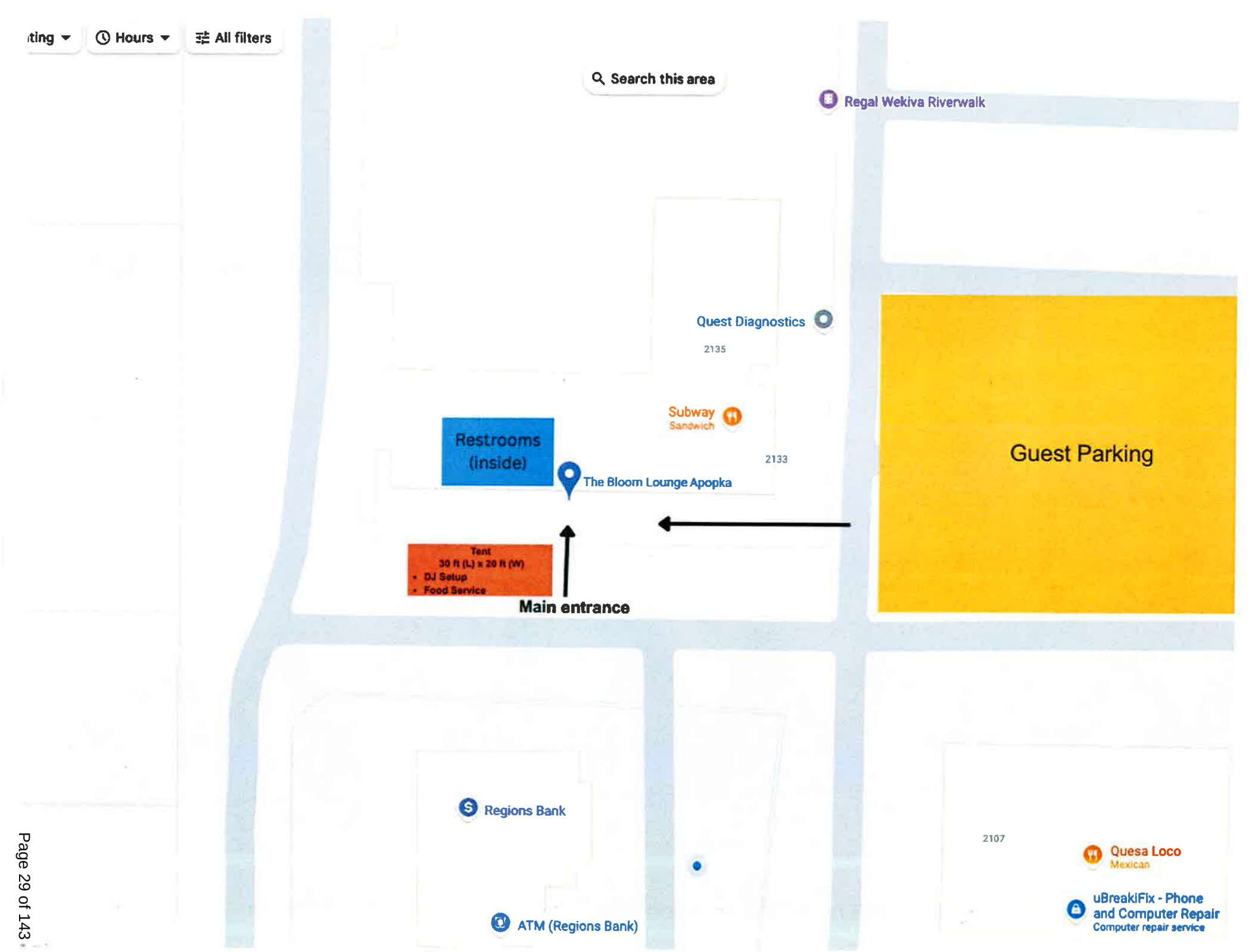
Donna Mooser
Regional Property Manager

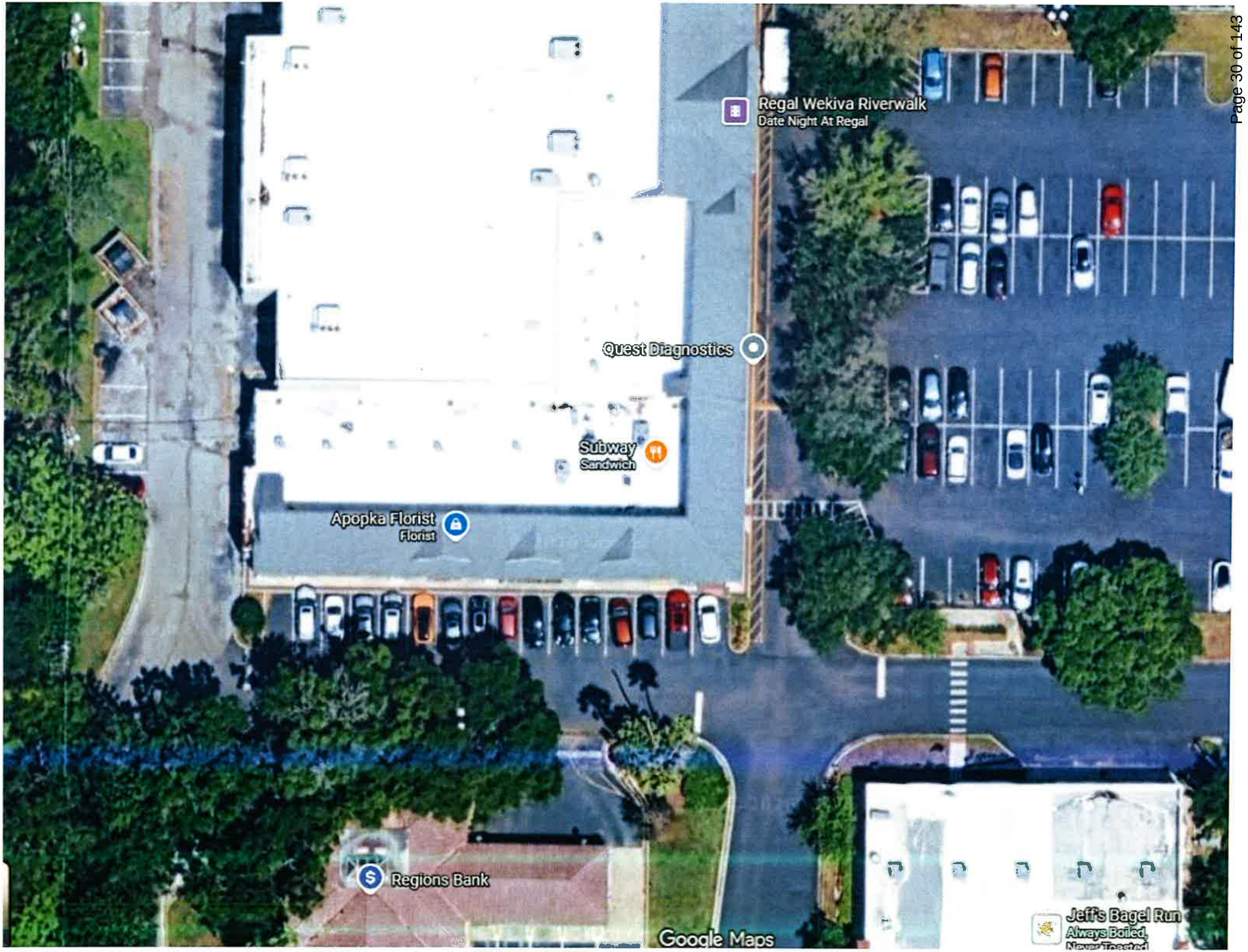
WOOLBRIGHT DEVELOPMENT, INC.
3200 N Military Trail, 4th Floor, Boca Raton, FL 33431 / (561) 989-2240 / woolbright.net

Hello,

We are looking to doing a grand opening and chamber ribbon cutting for our new location of Apopka Florist inside of Wekiva Riverwalk Plaza. Apopka Florist is now transformed to a have a coffee shop and Traditions Offices (which is an event planning company). We would like to have this on Sunday May 3rd from 10 to 4pm. We would like to have a tent in front of our own storefront, using only half of our parking spots that are strictly for us. Each parking spot is approx. 20ft long before people can drive by freely. The tent we want to get is 20ft long by 30 ft. wide. Inside the tent we would like to have Music and possibly food from other businesses in the Plaza. If they are willing to partner great and if not then we will skip it. That is the extent of what we are needing this for.

Thank you.


ting
Hours
All filters
Search this area
Regal Wekiva Riverwalk
Quest Diagnostics
2135
Subway
Sandwich
Restrooms
(inside)
2133
The Bloom Lounge Apopka
Guest Parking
Tent
30 ft (L) x 20 ft (W)
• DJ Setup
• Food Service
Main entrance
Regions Bank
2107
Quesa Loco
Mexican
uBreakiFix - Phone
and Computer Repair
Computer repair service
ATM (Regions Bank)


Regal Wekiva Riverwalk
Date Night At Regal
Quest Diagnostics
Subway
Sandwich
Apopka Florist
Florist
Regions Bank
Jeff's Bagel Run
Always Boiled,
Google Maps

DRC: 4/15/26

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 Police Department
Name of Applicant	Sgt. Mark Creaser
Mailing Address	112 E 6th St.

City	Apopka
State	Florida
Zip Code	32703
Email	mcreaser@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	Apopka PD Personal Safety Day in the Park
Date(s) of the Event	05/09/2026
Hours of the Event	9AM-11AM
Location of the Event	Kit Land Nelson Park
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	35
Briefly describe the event and all activities that will occur during the event:	Apopka PD will be directing a personal safety class to members of the public.
Event Category	• Other
Please specify	Self Defense
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?	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?	No
Will any streets be closed or will the flow of traffic be affected by the event?	No
Does your event include the use of tents?	Yes

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

What size of tents?	10x10
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

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	05/09/2026
Start Time	8:00 AM (EDT)
End Time	9:00 AM (EDT)

Event Dates

Date	05/09/2026
Start Time	9:00 AM (EDT)
End Time	11:00 AM (EDT)

Take Down/Load Out

Date	05/09/2026

Start Time	11:00 AM (EDT)
End Time	11:15 AM (EDT)

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

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

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

Applicant Signature	
Name of Applicant	Sgt. Mark Creaser
Title of Applicant	Sergeant
Date Submitted	04/07/2026

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

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

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

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

Signature of Applicant	
Name of Applicant	Sgt. Mark Creaser
Title of Applicant	Sergeant
Sponsoring Organization Name	Apopka Police Department

DRC: 4/15/26

Special Event Permit Application

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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 Police Department
Name of Applicant	Sgt. Mark Creaser
Mailing Address	112 E 6th St

City	Apopka
State	Florida
Zip Code	32703
Email	mcreaser@apopka.net
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	85-8012592869C-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.	IRS Tax letter 4076c.pdf
Name of the Event	Apopka Police Department Shred Event
Date(s) of the Event	06/06/2026
Hours of the Event	9-12pm
Location of the Event	Edwards Field
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	250
Briefly describe the event and all activities that will occur during the event:	Shred and recycle event for the citizens of Apopka.
Event Category	• Other
Please specify	Shred Event
Are there flyers or advertisements for this event?	No
Additional Event Information	For the Police Department
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?	No
Will any streets be closed or will the flow of traffic be affected by the event?	No
Does your event include the use of tents?	Yes

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

What size of tents?	10x10
Will inflatables be used at your event?	No
Will your event include any fireworks or pyrotechnics?	No

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	06/06/2026
Start Time	7:00 AM (EDT)
End Time	8:30 AM (EDT)

Event Dates

Date	06/06/2026
Start Time	9:00 AM (EDT)
End Time	12:00 PM (EDT)

Take Down/Load Out

Date	06/06/2026
Start Time	12:15 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	
Name of Applicant	Mark Creaser
Title of Applicant	Sgt.
Date Submitted	03/17/2026

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.

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Signature of Applicant	
Name of Applicant	Mark Creaser
Title of Applicant	Sgt.
Sponsoring Organization Name	Apopka Police Department

6.6.26 Tailgate N' Tunes

Amp

DRC: 4/15/26

Special Event Permit Application

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- 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	Sundown Presents LLC
Name of Applicant	Francisco Muniz
Mailing Address	7901 4th St N STE 300

City	St Petersburg
State	Florida
Zip Code	33702
Cell Phone	3258952040
Email	frankiemuniz@sundownpresents.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	No
State of Florida Tax ID Number	39-2222729
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	Florida Business Tax Receipt.pdf
Name of the Event	Tailgate N' Tunes
Date(s) of the Event	06/06/26
Hours of the Event	5:30 PM - 10 PM
Location of the Event	Apopka Amphitheater
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	1000
Briefly describe the event and all activities that will occur during the event:	A community event including live performances, food & beverage vendors, cornhole competition, tailgate games, and raffles & prizes.
Event Category	• Festival/Celebration
Are there flyers or advertisements for this event?	Yes
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?	Yes
How many vendors?	6
Will they need electric?	No
Will you be hiring a private security company for the event?	Yes
Name of Security Company:	Gator Guards
Do you require overnight security?	No
Are there musical entertainment features related to your event?	Yes

Please attach a list of all stage performance schedules.

Please attach a list of all stage performance schedules.	TAILGATE N' TUNES RUN OF SHOW.pdf
Will amplified sound be used during the event?	Yes
Will any streets be closed or will the flow of traffic be affected by the event?	No
Does your event include the use of tents?	Yes

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

What size of tents?	10X10
Will inflatables be used at your event?	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	06/06/2026
Start Time	7:00 AM (EDT)
End Time	4:00 PM (EDT)

Event Dates

Date	06/06/2026
Start Time	5:30 PM (EDT)
End Time	10:00 PM (EDT)

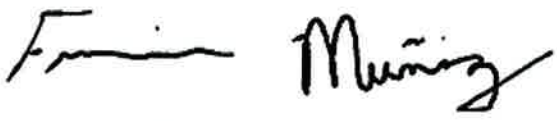
Take Down/Load Out

Date	06/06/2026
Start Time	10:00 PM (EDT)
End Time	12:00 AM (EDT)

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

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

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

Applicant Signature	
Name of Applicant	Francisco Muniz
Title of Applicant	Mr

Date Submitted	03/10/2026

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.

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

Please provide a copy of your certificate of insurance.	Certificate of Insurance (SEL).pdf

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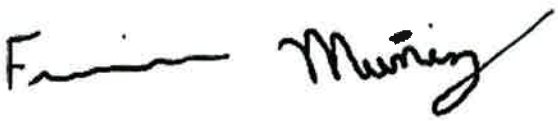
- Applicant/Event Organizer shall, at its sole cost and expense, procure and maintain throughout the term of this agreement, Commercial General Liability and Workers' Compensation insurance, including Employer Liability

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

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

Signature of Applicant	
Name of Applicant	Francisco Muniz
Title of Applicant	Mr
Sponsoring Organization Name	Sundown Presents LLC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 03/08/2026

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

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

PRODUCER

Foresite Sports LLC
DBA: Eventsured
3553 West Chester Pike #418
Newtown Square, PA 19073

CONTACT NAME: Eventsured Customer Service
PHONE (A/C, No, Ext): 888-882-5902 FAX (A/C, No):
E-MAIL ADDRESS: info@eventsured.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Houston Casualty Company	42374
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

Sundown Presents LLC
Francisco Muniz
7901 4th St N STE 300
St Petersburg, FL 33702

COVERAGES **CERTIFICATE NUMBER:** TM507821 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	**GENERAL LIABILITY** X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Host Liquor Liability GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC	Y		H25SE00172/TM507821	06/06/2026 12:01AM	06/07/2026 2:01AM	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 1,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 1,000,000
							DEDUCTIBLE	$ 0
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS						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? Y / N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					WC STATU-TORY LIMITS OTH-ER	
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

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

Additional Insureds must be venue managers or municipalities and are added with respect to our insured's operations only. Waiver of Subrogation (WOS) and Primary & Non-Contributory (PNC) wording applies only when coverage is purchased by the insured, required by written contract and as indicated below. This coverage is with respect to the Concert - Country to be held on 06/06/2026 - 06/06/2026 with 1000 attendees at Apopka Amphitheater 120 E Main Street Apopka, FL 32703. Additional Insureds include: Apopka Amphitheater 120 E Main Street Apopka, FL 32703; .

CERTIFICATE HOLDER

Apopka Amphitheater
120 E Main Street
Apopka FL, 32703

TO BE UPDATED TO "CITY OF APOPKA"

CANCELLATION

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

AUTHORIZED REPRESENTATIVE



ACORD 25 (2010/05)

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CITY OF ST. PETERSBURG, FLORIDA
LOCAL BUSINESS TAX RECEIPT

CONTROL # 107887

DATE February 17, 2026

2026
EXPIRES 9/30/2026

BUSINESS:

SUNDOWN PRESENTS LLC

7901 4TH ST N 300
SAINT PETERSBURG FL 33702-4305

26-00076407 DESCRIPTION OF OCCUPATION, PROFESSION, OR BUSINESS
ADMINISTRATIVE/SALES OFFICE 0.00

ORGANIZE, PROMOTE AND MANAGE LIVE CONCERTS, EVENTS AND FESTIVALS

DV Veterans exempt certificate. Non transferable 0.00

0.00

TOTAL 0.00

MAIL

MUNIZ, FRANCISCO
7901 4TH ST N #300

SAINT PETERSBURG FL 33702

Changes in business name, address, mailing name or address, as well as additions to the business activity, may require additional applications. Please contact this office before making changes or if the description on this receipt does not reflect your entire business activity. Additional activities may require additional taxes.

Failure to renew before the expiration date may result in penalty fees being assessed.

Display this receipt conspicuously at all times in the place of business. If there is no place of business, this receipt must be presented to any police officer or officer of the city upon their request.

Many business taxes are transferable from one owner to another, or one location to another. To transfer this receipt, contact our office for information and price, and fill in the following.

This local business tax receipt does not allow the holder to violate any city law, ordinance or regulation. It is not an endorsement, approval or disapproval of the holder's skill or competence. This business tax receipt is not proof of the compliance or non-compliance of the holder with other laws, regulations or standards. In addition to obtaining this local business tax receipt, the holder shall be responsible for complying with all applicable laws, regulations and standards including but not limited to the City's Construction Services and Zoning Department requirements.

I, _____ hereby assign all my rights, title and interest in local business tax receipt # _____ to _____ . _____
(name of new owner) (signature of previous owner)

Office hours: Monday through Friday, 8 a.m. to 5 p.m. Phone 727-893-7241 option 2

SUNDOWN PRESENTS

Tailgate N' Tunes

Event:	Tailgate N' Tunes		VENUE: Apopka Amphitheater	Gates:	5:30 PM EDT
Date:	Saturday, June 6, 2026		3710 Jason Dwelley Parkway	Show:	6:00 PM EDT
Time:	5:30 PM - 10:00 PM EDT		Apopka, FL 32712	End:	10:00 PM EDT
Est. Attendance	1000		407-703-1784		
Ticket Sales as of:	3/9/2026	0	https://www.apopka.gov/events		

CONTACTS				
Promoter Rep:	Frankie Muniz	(325) 895-2040	frankiemuniz@sundownpresents.com
Venue Contact:	Lexi Lahendro	(407) 989-1608	LLahendro@apopka.net
Production Contact:	Sean Perry	(407) 230-1367	sperry@axisproevents.com
Security Contact:	Guy Leinbach	(727) 463-6060	thegatorguards@gmail.com
Cleaning Contact:	TBD		
Box Office:	Eventbrite		

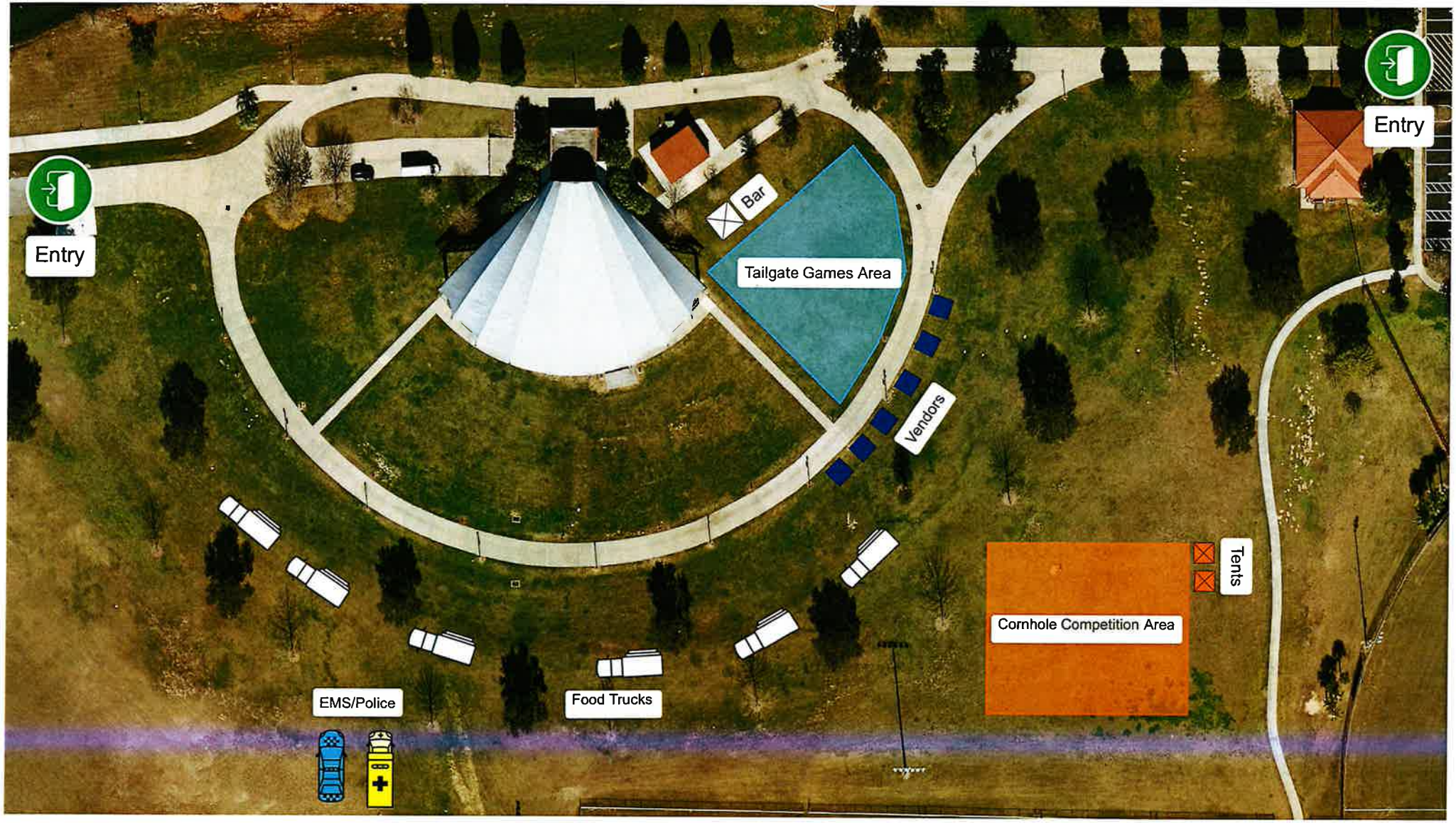
DAILY SCHEDULE:	Time	Mins
Venue Access	7:00 AM	
Promoter Onsite	7:00 AM	
Production Load-In	TBD	
Vendor Load-In	8:00 AM	
WC Soundcheck	TBD	
Jordan Mohr Soundcheck	TBD	
Sean Holcomb Soundcheck	TBD	
Gates Open	5:30 PM	
Cornhole Comp Starts	6:00 PM	
Show Start	6:00 PM	
Cornhole Comp Ends	TBD	
Show End	10:00 PM	
Hard Curfew	10:00 PM	
Load Out	10:00 PM - 12:00 AM	

SHOW SCHEDULE:	Time	Mins
Playlist	5:30 PM - 5:55 PM	25
Emcee	5:55 PM - 6:00 PM	5
Sean Holcomb	6:00 PM - 6:45 PM	45
Changeover	6:45 PM - 7:00 PM	15
Jordan Mohr	7:00 PM - 7:45 PM	45
Changeover	7:45 PM - 7:58 PM	13
Nation Anthem	7:58 PM - 8:00 PM	2
Whiskey County	8:00 PM - 10:00 PM	120
HARD CURFEW	10:00 PM	

POST SHOW:	Time	Mins
Load-Out	10:00 PM - 12:00 AM	

NOTES:

ALL AMP GATES MUST REMAIN LOCKED UNTIL 5:30 PM


Entry
Entry
Bar
Tailgate Games Area
Vendors
Tents
Cornhole Competition Area
EMS/Police
Food Trucks

City of Apopka Special Events Application

03/07/2026 5:59 PM (EST)

10.31.26 Team Gina 5K

NWRC

DRC: 4/15/26

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	The Gina McReynolds Foundation
Name of Applicant	Tara Barrett
Mailing Address	1631 Rock Springs Road PMB 106

City	Apopka
State	Florida
Zip Code	32712
Cell Phone	3214024887
Email	Tarag8r15@aol.com
Is your organization a Non – Profit (501C3) OR Tax Exempt Organization?	Yes
State of Florida Tax ID Number	N12000001084

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	Team Gina nonprofit status.pdf
Please attach a copy of your Business Tax Receipt for the municipality/county that your business/organization is registered in.	GMF Consumer's Certificate of Exemption.pdf
Name of the Event	The 2026 Team Gina 5 K
Date(s) of the Event	October 31, 2026
Hours of the Event	5 am - 10 am
Location of the Event	5K course by the pavilion start of the Amphitheater
Does the location of the event take place on Public or Private Property?	Yes
Anticipated attendance:	300
Briefly describe the event and all activities that will occur during the event:	Similar to the past several years, our 5 K will take place at the pavilion by the amphitheater and go on the traditional 5 K course.
Event Category	• Organized Run/Walk
Are there flyers or advertisements for this event?	No
Additional Event Information	Not at this time, but a webpage and social media that will be update for this year for the specific dates of the event. www.teamgina.org/race
Will there be admission fees to your event?	Yes
Will you be serving alcohol?	No
Is your event open to the public?	Yes

Does your event include food concession?	No
Do you intend to have food trucks at your event?	No
Will there be merchandising vending at your event?	Yes
How many vendors?	1
Will they need electric?	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?	No
Will inflatables be used at your event?	Yes
Will your event include any fireworks or pyrotechnics?	No
Layout map for event	Race Map 2025.docx

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

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

Setup/Load In

Date	10/30/2026
Start Time	4:00 PM (EST)
End Time	7:00 PM (EST)

Event Dates	
Date	10/31/2026
Start Time	5:00 AM (EST)
End Time	10:00 AM (EST)

Take Down/Load Out	
Date	10/31/2026
Start Time	9:00 AM (EST)
End Time	11:00 AM (EST)

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	Tara Barrett
Title of Applicant	race director
Date Submitted	03/07/2026

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. Apopka COI Race 2025.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	Tara Barrett for The Gina McReynolds Foundation
Title of Applicant	Race Director
Sponsoring Organization Name	The Gina McReynolds Foundation

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/18/2025

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	CONTACT NAME: Jonathan DeClue
CF Insurance Services, Inc. DBA DeClue Brothers Insurance 218 S Lake Ave Apopka FL 32703	PHONE (A/C, No, Ext): 407-884-7843 FAX (A/C, No): 407-884-6014 E-MAIL ADDRESS: jond@ins4fl.com
INSURED: Gina McReynolds Foundation Inc 2078 Apopka Blvd Apopka FL 32703	INSURER(S) AFFORDING COVERAGE / NAIC # INSURER A: Mount Vernon Fire Insurance Company 26522 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** 20250818120818757 **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:	Y	Y	NBP2556456B Updated certificate to be submitted and approved prior to event	04/18/2025	04/18/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Fire Legal Liability	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 1,000,000 $
	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS 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 ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] 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)

City of Apopka is included as an additional insured.

CERTIFICATE HOLDER

City of Apopka
120 E Main St
Apopka FL 32703

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

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INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAY 2 1 2014

GINA MCREYNOLDS FOUNDATION INC
C/O SHIVON PATEL
7025 CR46A STE 1071 PMB 353
LAKE MARY, FL 32746

Employer Identification Number:
45-4415436
DLN:
17053324402013
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
(877) 829-5500
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
January 30, 2012
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947

GINA MCREYNOLDS FOUNDATION INC

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Director, Exempt Organizations

Enclosure: Publication 4221-PC

Letter 947

FLORIDA DEPARTMENT OF REVENUE

Consumer's Certificate of Exemption

DR-14
R. 04/11

Issued Pursuant to Chapter 212, Florida Statutes

85-8016666134C-8	03/09/2015	03/31/2020	501(C)(3) ORGANIZATION
Certificate Number	Effective Date	Expiration Date	Exemption Category

This certifies that

GINA MCREYNOLDS FOUNDATION INC
2936 PONKAN MEADOW DR
APOPKA FL 32712-6412

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

FLORIDA DEPARTMENT OF REVENUE

Important Information for Exempt Organizations

DR-14
R. 04/11

1. You must provide all vendors and suppliers with an exemption certificate before making tax-exempt purchases. See Rule 12A-1.038, Florida Administrative Code (F.A.C.).

2. Your *Consumer's Certificate of Exemption* is to be used solely by your organization for your organization's customary nonprofit activities.

3. Purchases made by an individual on behalf of the organization are taxable, even if the individual will be reimbursed by the organization.

4. This exemption applies only to purchases your organization makes. The sale or lease to others of tangible personal property, sleeping accommodations, or other real property is taxable. Your organization must register, and collect and remit sales and use tax on such taxable transactions. Note: Churches are exempt from this requirement except when they are the lessor of real property (Rule 12A-1.070, F.A.C.).

5. It is a criminal offense to fraudulently present this certificate to evade the payment of sales tax. Under no circumstances should this certificate be used for the personal benefit of any individual. Violators will be liable for payment of the sales tax plus a penalty of 200% of the tax, and may be subject to conviction of a third-degree felony. Any violation will require the revocation of this certificate.

6. If you have questions regarding your exemption certificate, please contact the Exemption Unit of Account Management at 800-352-3671. From the available options, select "Registration of Taxes," then "Registration Information," and finally "Exemption Certificates and Nonprofit Entities." The mailing address is PO Box 6480, Tallahassee, FL 32314-6480.


3D
Turn Around
5K Start & Finish
Northwest
Recreation Com

PROJECT SUMMARY

SITE NAME:	WYLD OAKS
SITE ADDRESS:	SADLER ROAD APOPKA, FL 32712
JURISDICTION:	CITY OF APOPKA
COUNTY:	ORANGE COUNTY
ZONING:	MU-VC (MIXED USE VILLAGE CENTER)
PROPERTY OWNER:	KELLY PARK VB DEVELOPMENT, LLC, D
ADDRESS:	SADLER ROAD APOPKA, FL 32712
APPLICANT:	SBA TOWERS X LLC, 8051 CONGRESS AVENUE BOCA RATON, FL 33487 OFFICE: (800) 487-7483 FAX: (561) 226-3572
SBA CONTACT:	MICHAEL NAIM / (954) 604-4292
SITE COORDINATES:	1A
LATITUDE: LONGITUDE: ELEVATION:	28° 44' 58.50" N (NAD 83/2011) 81° 34' 03.40" W (NAD 83/2011) 110.8' AMSL (NAVD 88)
PARCEL NUMBER:	13-20-27-9480-00-001

ADA REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
ADA ACCESS NOT REQUIRED.

PLUMBING REQUIREMENTS

FACILITY HAS NO PLUMBING.

CONSULTING TEAM

ENGINEERING FIRM:
KIMLEY-HORN AND ASSOCIATES
1920 WEKIVA WAY
WEST PALM BEACH, FL 33411
CONTACT: SHAHZAD MAHMOOD
PHONE: (561) 404-9857

SURVEYING FIRM:
GEOLINE SURVEYING, INC.
13430 NW 10TH TERRACE
SUITE A
ALACHUA, FL 32615
CONTACT: JONATHAN F. MURPHY
PHONE: (919) 787-7873

UTILITIES INFORMATION

POWER COMPANY:
TBD
CONTACT: TBD
PHONE: TBD

FIBER COMPANY:
TBD
CONTACT: TBD
PHONE: TBD

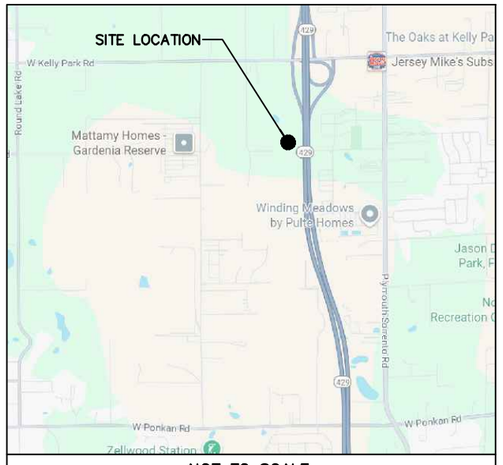
SITE NAME
WYLD OAKS

SITE I.D.
FL23193-S

E911 ADDRESS
SADLER ROAD
APOPKA, FL 32712

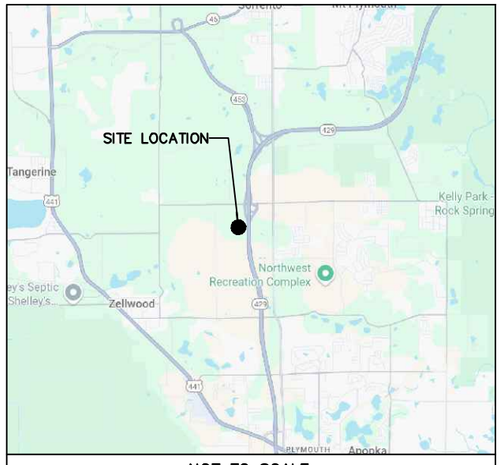
PROJECT TYPE
120' STEALTH MONOPOLE CONSTRUCTION DRAWINGS

VICINITY MAP



NOT TO SCALE

REGIONAL MAP



NOT TO SCALE

DRIVING DIRECTIONS

FROM ORLANDO INTERNATIONAL AIRPORT:

DIRECTIONS: FOLLOW SIGNS FOR FL-528 WEST AND MERGE ONTO THE HIGHWAY, CONTINUING FOR ABOUT 11 MILES. TAKE THE EXIT FOR FLORIDA'S TURNPIKE NORTH AND STAY ON IT FOR APPROXIMATELY 17 MILES. NEXT, TAKE THE EXIT ONTO FL-429 NORTH (THE WESTERN BELTWAY) AND DRIVE FOR ABOUT 19 MILES AS IT CURVES AROUND ORLANDO'S WESTERN SIDE. EXIT AT PLYMOUTH-SORRENTO ROAD AND HEAD NORTH FOR AROUND 2 MILES, THEN TURN LEFT ONTO YOTHERS ROAD AND CONTINUE FOR ABOUT 1 MILE. FROM THERE, TURN RIGHT ONTO JEFFMAR BOULEVARD AND DRIVE ANOTHER 1.2 MILES BEFORE TURNING LEFT ONTO CHANDLER ESTATES DRIVE. FINALLY, TURN RIGHT ONTO W KELLY PARK ROAD.

SHEET SCALE FACTOR:

PLOT SIZE:
11"x17": "TO SCALE"
22"x34": 2X SCALE AS NOTED

Sunshine 811

SHEET INDEX

NO.	DESCRIPTION
T-1	TITLE SHEET
T-2	ABBREVIATIONS & SYMBOLS LEGEND
GN-1	GENERAL NOTES
GN-2	GENERAL NOTES
LS-1	LAND SURVEY
LS-2	LAND SURVEY
LS-3	LAND SURVEY
LS-4	LEGAL DESCRIPTIONS
C-1	OVERALL SITE PLAN
C-2	ENLARGED SITE PLAN
C-3	SITE GRADING PLAN
C-4	SITE ELEVATIONS
C-5	SITE DETAILS
C-6	FENCE DETAILS
E-1	UTILITY SITE PLAN
E-2	UTILITY DETAILS
E-3	SINGLE-LINE DIAGRAM
EG-1	GROUNDING PLAN & DETAILS
EG-2	GROUNDING DETAILS
L-1	LANDSCAPING PLAN
L-2	LANDSCAPING DETAILS

APPROVALS

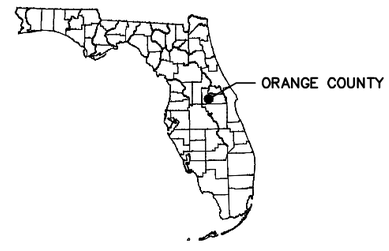
TITLE	SIGNATURE	DATE
SBA CONST. MGR:		
PROPERTY OWNER:		
PLANNING:		

THE ABOVE SHOWN PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

BUILDING/DWELLING CODE:	FBC 2023, 8TH EDITION
STRUCTURAL CODE:	FBC 2023, 8TH EDITION
PLUMBING CODE:	FBC 2023, 8TH EDITION
MECHANICAL CODE:	FBC 2023, 8TH EDITION
ELECTRIC CODE:	NEC 2020, LATEST EDITION
FIRE/LIFE SAFETY CODE:	FFPC 2023, 8TH EDITION
DESIGN WIND SPEED:	140 MPH
RISK CATEGORY:	II
EXPOSURE CATEGORY:	C

STATE COUNTY MAP



SBA TOWERS X, LLC.
8051 CONGRESS AVENUE
BOCA RATON, FL 33487
TEL: (800) 487-7483

Kimley»Horn
1920 WEKIVA WAY
WEST PALM BEACH, FL 33411
(561) 845-0665
WWW.KIMLEY-HORN.COM
FBPE REGISTRY NO. 696

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

A&E PROJECT #:	241149058
DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

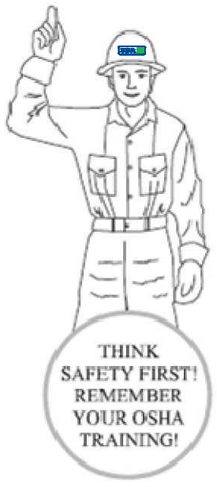
NO.	DATE	DESCRIPTION
0	10/03/25	ISSUED FOR REVIEW

SITE NAME: WYLD OAKS
SITE NUMBER: FL23193-S
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712
DESIGN TYPE: RAWLAND
SHEET TITLE: TITLE SHEET

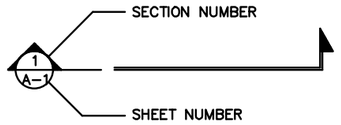
SHEET NUMBER: T-1
REVISION: 0

ABBREVIATIONS

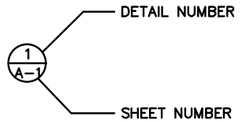
AB	ANCHOR BOLT	GR	GRADE	SIM	SIMILAR
AC	ASPHALTIC CONCRETE	GYP	GYPSUM	SPECS	SPECIFICATIONS
A/C	AIR CONDITIONING	GFCI	GROUND FAULT CIRCUIT INTERRUPT	SS	STAINLESS STEEL
ADJ	ADJUSTABLE			STL	STEEL
A.F.F.	ABOVE FINISH FLOOR	GND	GROUND	STOR	STORAGE
ARCH	ARCHITECTURAL	HC	HOLLOW CORE	STRUCT	STRUCTURAL
APPROX	APPROXIMATELY	HDW	HARDWARE	SUSP	SUSPENDED
A.G.L.	ABOVE GRADE LEVEL	HTR	HEATER	SW	SWITCH
A.M.S.L.	ABOVE MEAN SEA LEVEL	HM	HOLLOW METAL	SWBO	SWITCHBOARD
BD	BOARD	HORIZ	HORIZONTAL	THK	THICK
BLDG	BUILDING	HR	HOUR	TI	TENANT IMPROVEMENT
BLKG	BLOCKING	HT	HEIGHT	TMA	TOWER MOUNTED AMPLIFIER
BOT	BOTTOM	HV	HIGH VOLTAGE	TOS	TOP OF SURFACE
BSMT	BASEMENT	ID	INSIDE DIMENSION	TS	TUBE STEEL
BTS	BASE TRANSCEIVER STATION	INS	INSULATION	TYP	TYPICAL
		INT	INTERIOR	U	UNDERGROUND
C	COURSE(S)	JT	JOINT	UNO	UNLESS NOTED OTHERWISE
CEM	CEMENT	LAM	LAMINATED		
CL	CHAIN LINK	LBS	POUNDS	VCT	VINYL COMPOSITION TILE
CLG	CEILING	LT	LIGHT		
CLR	CLEAR	LA	LIGHTNING ARRESTOR		
COL	COLUMN	LNA	LOW NOISE AMPLIFIER	VERT	VERTICAL
CONC	CONCRETE	MFR	MANUFACTURER	V.I.F.	VERIFY IN FIELD
CONST	CONSTRUCTION	MAT	MATERIAL	VG	VERTICAL GRAIN
CONT	CONTINUOUS	MAX	MAXIMUM	W/	WITH
CORR	CORRIDOR	MECH	MECHANICAL	WD	WOOD
CO	CONDUIT ONLY	MIN	MINIMUM	WR	WATER RESISTANT
DIA	DIAMETER	MISC	MISCELLANEOUS	WT	WEIGHT
DBL	DOUBLE	ML	METAL LATH	XFMR	TRANSFORMER
DEPT	DEPARTMENT	MO	MASONRY OPENING	@	AT
DEMO	DEMOLITION	MS	MACHINE SCREW	[	CHANNEL
DIM	DIMENSION	MTD	MOUNTED	℄	CENTERLINE
DN	DOWN	MTL	METAL	∠	ANGLE
DR	DOOR	(N)	PROPOSED	PL	PROPERTY LINE
DTL	DETAIL	NIC	NOT IN CONTRACT		
DWG	DRAWING	NO	NUMBER		
(E)	EXISTING	NTS	NOT TO SCALE		
EA	EACH	O	OVERHEAD		
ELEC	ELECTRIC	OA	OVERALL		
ELEV	ELEVATION	O.C.	ON CENTER		
EQUIP	EQUIPMENT	OPNG	OPENING		
EXP	EXPANSION	OPP	OPPOSITE		
EXT	EXTERIOR	PARTN	PARTITION		
FA	FIRE ALARM	PL	PLATE		
FB	FLAT BAR	PLAS	PLASTER		
FF	FINISH FLOOR	PLYWD	PLYWOOD		
FH	FLAT HEAD	POC	POINT OF CONNECTION		
FIN	FINISH(ED)	PROP	PROPERTY		
FLR	FLOOR	PT	PRESSURE TREATED		
FOS	FACE OF STUDS	R	RISER		
FS	FINISH SURFACE	REQD	REQUIRED		
FT	FOOT, FEET	RD	ROOF DRAIN		
FTG	FOOTING	RM	ROOM		
FW	FINISH WALL	RMS	ROOMS		
F.G.	FINISH GRADE	RO	ROUGH OPENING		
FUT	FUTURE	SC	SOLID CORE		
GA	GAUGE	SCHED	SCHEDULE		
GALV	GALVANIZED	SECT	SECTION		
GL	GLASS	SHT	SHEET		



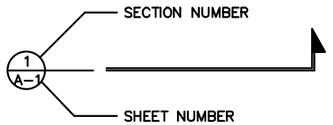
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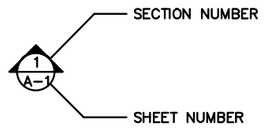
BUILDING SECTION REFERENCE



DETAIL REFERENCE



DETAIL SECTION REFERENCE



ELEVATION VIEW REFERENCE

- KEY NOTE REFERENCE
- 101 DOOR NUMBER
- 101 AREA AND/OR ROOM NUMBER
- A/2 MECHANICAL UNIT
- UTILITY POLE
- WORK POINT
- # REVISION OR CONTROL POINT
- (REFERENCE POINT) (ELEVATION)

- MASONRY
- BRICK
- CONCRETE
- EARTH
- STEEL
- GRAVEL
- CENTER LINE
- PROPERTY LINE
- LEASE LINE
- EASEMENT LINE
- RIGHT-OF-WAY
- CHAIN LINK FENCE
- WOOD FENCE
- SILT FENCE
- UE — BELOW GRADE ELECTRIC
- UT — BELOW GRADE TELEPHONE
- OE/OT — OVERHEAD ELECTRIC/TELEPHONE
- UT — OVERHEAD TELEPHONE
- UE — OVERHEAD ELECTRIC
- 276 — CONTOUR
- TREE PROTECTION FENCE
- TREE LINE
- TREES, SHRUBS, BUSHES
- SAN — SANITARY SEWER LINE
- WL — WATER LINE
- NG — NATURAL GAS LINE

SBA TOWERS X, LLC.
8051 CONGRESS AVENUE
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FBPE REGISTRY NO. 696

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A&E PROJECT #:	241149058
DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
0	10/03/25	ISSUED FOR REVIEW

SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: ABBREVIATIONS & SYMBOLS LEGEND

SHEET NUMBER: T-2

REVISION: 0

GENERAL NOTES

1. ALL REFERENCES TO OWNER HEREIN SHALL BE CONSTRUED TO MEAN SBA OR IT'S DESIGNATED REPRESENTATIVE.
2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY. THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE AND/OR COUNTY IN WHICH IT IS TO BE PERFORMED.
3. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
4. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
5. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
6. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE TESTING AGENCY PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES.
7. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE PROPOSED AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCAL BUILDING CODE.
10. ALL PROPOSED CELLULAR EQUIPMENT AND FIXTURES SHALL BE FURNISHED BY OWNER FOR INSTALLATION BY THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE HEREIN.
11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
12. RADIO EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

STRUCTURAL NOTES

1. DESIGN REQUIREMENTS PER LOCAL BUILDING CODE AND THE E1A/TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNAS TOWERS AND SUPPORTING STRUCTURES.
2. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF A.I.S.C. SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN INCLUDING THE COMMENTARY AND THE A.I.S.C. CODE OF STANDARD PRACTICE.
3. STRUCTURAL STEEL PLATES AND SHAPES SHALL CONFORM TO ASTM A36. ALL STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53 GRADE B. ALL STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A500 GRACE B. ALL STRUCTURAL STEEL COMPONENTS AND FABRICATED ASSEMBLIES SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
4. WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) D.1.1-96. STRUCTURAL WELDING CODE-STEEL WELD ELECTRODES SHALL BE E70XX.
5. ALL COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE AS SPECIFIED BY THE OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL FURNISH ALL CONNECTION HARDWARE REQUIRED TO SECURE THE CABLES. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.
6. NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH. CONTRACTOR SHALL VERIFY NORTH AND INFORM OWNER OF ANY DISCREPANCY BEFORE STARTING CONSTRUCTION.
7. ALL CAST IN PLACE CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND AC1 301, AND SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI (U.O.N.). CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL UNLESS OTHERWISE NOTED. MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
8. ALL REINFORCING STEEL SHALL CONFORM TO ASTM 615 GRADE 80, DEFORMED BILLET STEEL BARS. WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A185.
9. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST A.I.S.C. SPECIFICATIONS.
10. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.
11. HOT-DIP GALVANIZE ITEMS SPECIFIED TO BE ZINC-COATED. AFTER FABRICATION WHERE PRACTICAL. GALVANIZING: ASTM A 123, ASTM A 153/A 153M OR ASTM A 653/A 653M, G90, AS APPLICABLE.
12. REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT' CONFORMING TO ASTM A 780 OR BY APPLICATION OF STICK OR THICK PASTE MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING. CLEAN AREAS TO BE REPAIRED, AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE MATERIAL IS APPLIED WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS. IN STICK OR PASTE, SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.
13. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S INSTRUCTIONS/ SPECIFICATIONS IF NO INFORMATION IS CONTAINED IN THESE PLANS OR IF THE MANUFACTURER'S SPECIFICATIONS ARE STRICTER.

PERMITS

1. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. (NOT SUPPLIED BY OWNER)
2. ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS. (NOT SUPPLIED BY OWNER)
3. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND THE LATEST APPLICABLE CODES AND STANDARDS.
4. THE CONTRACTOR SHALL NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY, OR CITY) ENGINEER 24 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
5. CONTRACTOR RESPONSIBLE FOR CLOSING AND FILING ALL PERMITS ASSOCIATED WITH SITE.

UTILITIES

1. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. LOCATION OF EXISTING SEWER, WATER LINES, GAS LINES, CONDUITS OR OTHER STRUCTURES ACROSS, UNDERNEATH, OR OTHERWISE ALONG THE LINE OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS, AND IF SHOWN ARE ONLY APPROXIMATELY CORRECT. CONTRACTOR ASSUMES SOLE RESPONSIBILITY FOR VERIFYING LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES (INCLUDING TEST PITS BY HAND IF NECESSARY) IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION DR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS, OR IF THERE APPEARS TO BE A CONFLICT.
2. CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS AND CONSTRUCTION MANAGER.
3. DAMAGE BY THE CONTRACTOR TO UTILITIES OR PROPERTY OF OTHERS, INCLUDING EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRE CONSTRUCTION CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CLIENT. FOR GRASSED AREAS, SEED AND MULCH SHALL BE ACCEPTABLE..
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REQUIREMENTS FOR AND LIMITS OF OVERHEAD AND/OR UNDERGROUND ELECTRICAL SERVICE.
5. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF PROPOSED UNDERGROUND TELEPHONE SERVICE WITH THE TELEPHONE UTILITY AND THE OWNER'S REQUIREMENTS.
6. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED AND TESTED SATISFACTORY PRIOR TO COMMENCING ANY PAVING OPERATIONS WHERE SUCH UTILITIES ARE WITHIN THE LIMITS OF PAVEMENT.

GRADING

1. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC...) ALL MATERIAL NOT SUITABLE FOR SUB GRADE IN ITS PRESENT STATE. IF THE MATERIAL, AFTER REWORKING, REMAINS UNSUITABLE THEN THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL AT HIS EXPENSE. ALL SUB GRADES SHALL BE PROOF ROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
2. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL DITCHES, PIPES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTABLE BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURES IN OPERABLE CONDITION.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.
4. ALL DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHEN WORK IS BEING PRE FORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

SBA CONSTRUCTION REQUIREMENTS

1. AWARDED CONTRACTOR WILL BE REQUIRED TO SIGN AND RETURN A COPY OF AN AWARD LETTER FOR SBA'S FILE.
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE PROOF OF LICENSE TO PERFORM WORK IN JURISDICTION AT TIME OF BID AWARD.
3. CONTRACTOR WILL PROVIDE A CONSTRUCTION SCHEDULE PRIOR TO CONSTRUCTION STARTING AND WILL PROVIDE UPDATE/CHANGES (WITH EXPLANATIONS) TO THAT SCHEDULE WHEN/IF ITEMS ARE DELAYED OR PUSHED OUT.
4. CONTRACTOR WILL BE RESPONSIBLE FOR ALL CONCRETE COMPRESSIVE TESTING AND REQUIRED TO SUBMIT FINAL TEST RESULTS WITH CLOSE OUT BOOK.
5. CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE SBA PROJECT MANAGERS WITH PHOTOS OF THE MAJOR CONSTRUCTION MILESTONES AS THEY OCCUR.
6. CONTRACTOR WILL BE RESPONSIBLE TO ASSIST IN COORDINATING AND OBTAINING PRIMARY POWER TO THE SITE PRIOR TO TOWER ERECTION, AS WELL AS TELCO SERVICE BEFORE PROJECT COMPLETION. (ON SITE VISITS WITH UTILITY COMPANY REPRESENTATIVES AS NECESSARY, ETC....).
7. CONTRACTOR WILL HAVE A REPRESENTATIVE ON A WEEKLY CONFERENCE CALL TO PROVIDE SBA WITH SITE SPECIFIC UPDATES. CURRENTLY, THIS CONFERENCE CALL IS HELD EACH AND EVERY THURSDAY AT 4 PM (EASTERN TIME).
8. CONTRACTOR SHOULD BE PREPARED FOR RANDOM SBA SAFETY INSPECTIONS AT ALL TIMES.
9. CONTRACTOR IS EXPECTED TO MAINTAIN PROPER WORKING CONDITIONS AND PROCEDURES PER OSHA STANDARDS AT ALL TIMES.
10. CONTRACTOR WILL BE REQUIRED TO OBTAIN THE NECESSARY ELECTRICAL PERMITS AND INSPECTIONS AS REQUIRED BY JURISDICTION.
11. CONTRACTOR IS EXPECTED TO CLOSE-OUT THE JOB SITE AS QUICKLY AS POSSIBLE (OBTAINING A CERTIFICATE OF OCCUPANCY AND GETTING SBA'S REGIONAL SITE MANAGER'S SIGN-OFF/CHECKLIST APPROVAL ON THE SITE).
12. CONTRACTOR WILL PROVIDE A COMPLETED TOWER HEIGHT VERIFICATION FORM AND TAPE DROP WITHIN 24 HOURS OF REACHING OVERALL HEIGHT.
13. CONTRACTOR WILL UTILIZE ALL OF THE SBA PROVIDED DOCUMENTATION INCLUDING BUT NOT LIMITED TO: TOWER CONSTRUCTION ACCEPTANCE CHECKLIST, CONSTRUCTION SCHEDULE, CONSTRUCTION CLOSE-OUT LIST & TOWER HEIGHT VERIFICATION.
14. CONTRACTOR IS RESPONSIBLE FOR CONCRETE COMPRESSION TESTING.
15. CONTRACTOR IS RESPONSIBLE FOR GROUND MEG TESTING.
16. CONTRACTOR IS RESPONSIBLE FOR ALL GRADING AND FILL COMPACTION TESTING REQUIRED AS SET FORTH IN THE GEO TECHNOLOGICAL REPORT PROVIDED BY OWNER.

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FBPE REGISTRY NO. 696

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A&E PROJECT #:	241149058
DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
0	10/03/25	ISSUED FOR REVIEW

SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD
APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: GENERAL NOTES

SHEET NUMBER: GN-1

REVISION: 0

GEOTECHNICAL NOTES

1. THE SITE SHALL BE CLEARED BY MEANS OF REMOVING TREES, TREE STUMPS, SURFACE VEGETATION AND TOPSOIL MATERIALS. IT'S RECOMMENDED THAT CLEARING EXTEND AT LEAST 5 FEET BEYOND PLANNED BUILDING AREAS AND AREAS TO RECEIVE COMPACTED FILL. IN PREPARATION FOR FILL PLACEMENT, AREAS SHALL BE LEVELED OUT TO FACILITATE THE PLACEMENT OF FILL IN HORIZONTAL LIFTS. THIS SHALL BE ACHIEVED BY CUTTING INTO THE UPHILL SIDE OF AREAS TO RECEIVE FILL. AREAS TO RECEIVE FILL SHALL BE EVALUATED BY A GEOTECHNICAL ENGINEER TO VERIFY THAT THEY ARE IN FIRM, RELATIVELY DRY AND SUITABLE FOR FILL PLACEMENT.

2. WITH THE EXCEPTION OF THE UPPER 2 FEET BENEATH PLANNED FOUNDATIONS AND BUILDING PADS, FILL MATERIALS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD (ASTM D-698). FILL WITHIN THE UPPER 2 FEET BENEATH PLANNED FOUNDATIONS AND BUILDING PADS SHALL BE COMPACTED TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD (ASTM D-698).

3. TO ACCOMPLISH THIS, IT IS RECOMMENDED THAT FILL SOIL MOISTURE CONTENTS BE MAINTAINED WITHIN 3 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR METHOD (ASTM D698). SOILS WITH EXCESSIVE MOISTURE SHALL BE SCARIFIED, DISCED, AND DRIED DURING THE WARMER DRYER MONTHS TO REDUCE THE MOISTURE CONTENT, AND MOISTURE SHALL BE ADDED TO INCREASE THE MOISTURE CONTENT.

4. TO ACHIEVE PROPER COMPACTION, SUITABLE MOISTURE CONDITIONED FILL MATERIALS SHALL BE PLACED IN HORIZONTAL LOOSE LIFTS (8 INCHES LOOSE IF LARGE COMPACTION EQUIPMENT IS USED, 4 INCHES IF SMALLER WALK-BEHIND EQUIPMENT IS TO BE USED). IF SANDY SOILS ARE ENCOUNTERED COMPACTION WITH A HEAVY SMOOTH DRUM SHALL BE USED. IF CLAY OR SILT SOILS ARE ENCOUNTERED A SHEEPSFOOT ROLLER SHALL BE MORE EFFECTIVE ACHIEVING COMPACTION.

5. IN-PLACE DENSITY TESTS SHALL BE PERFORMED TO VERIFY COMPACTION OF THE FILL MATERIALS. THESE TESTS ARE GENERALLY PERFORMED AT A FREQUENCY OF ONE TEST PER 2,500 SQUARE FEET AND ON EACH FOOT OF FILL BEING PLACED.

6. FOUNDATIONS FOR LIGHTLY LOADED STRUCTURES (IE. GENERATORS AND EQUIPMENT SHELTERS) SHALL BE DESIGNED TO BEAR IN THE PROPOSEDLY PLACED, COMPACTED FILL. FOUNDATIONS FOR LIGHTLY LOADED STRUCTURES SET IN FILL SHALL BE DESIGNED TO BEAR AT LEAST 2 FEET BELOW THE FINISHED GROUND SURFACE, TO HAVE A MINIMUM FOOTING WIDTH OF 18 INCHES, AND WITH A GROSS ULTIMATE BEARING PRESSURE OF 6000 PSF, PROVIDED THAT FILL MATERIALS ARE VERIFIED AS BEING SUITABLE, AND COMPACTED AS RECOMMENDED IN THESE NOTES.

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SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD
APOPKA, FL 32712

DESIGN TYPE: RAWLAND

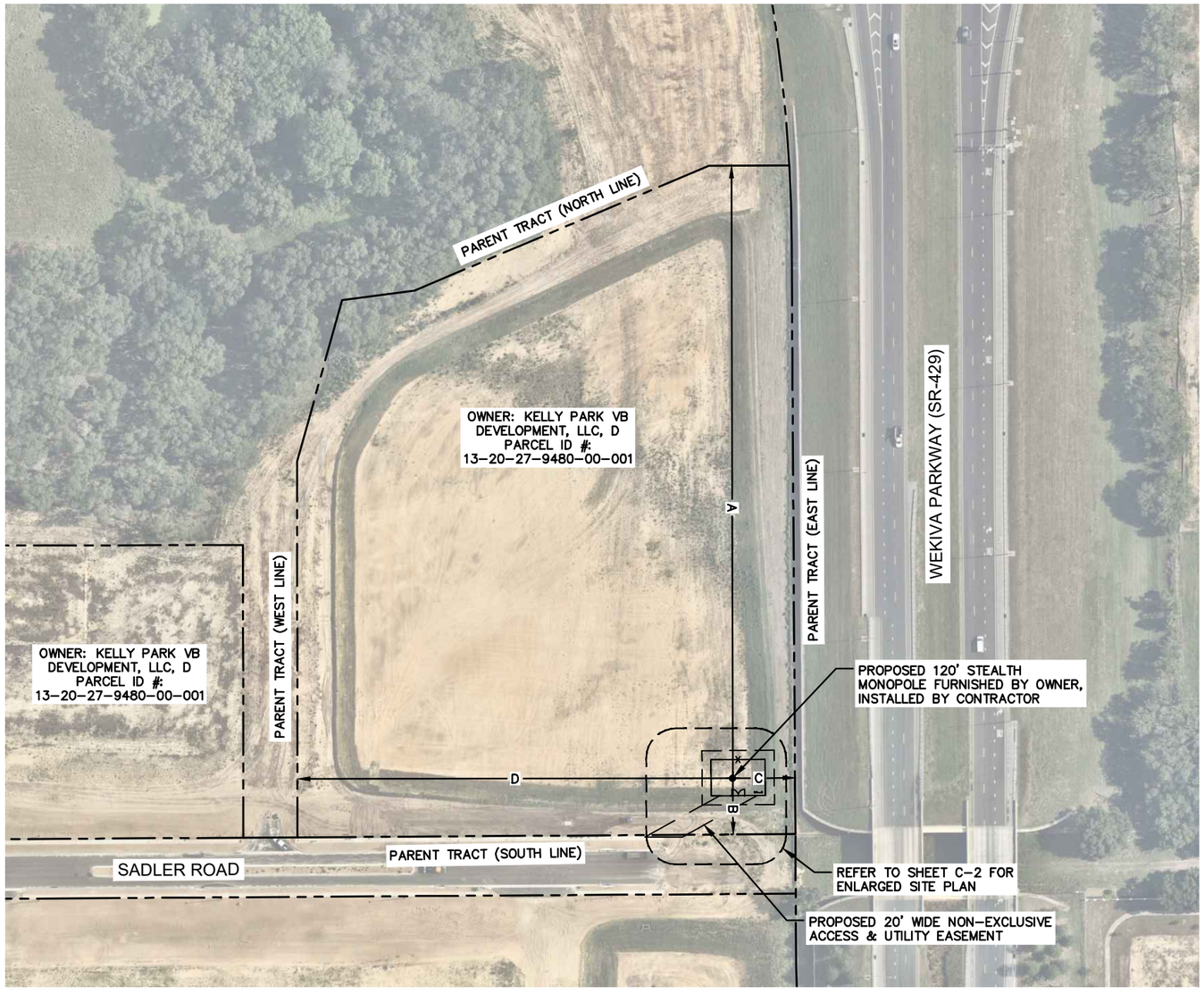
SHEET TITLE: GENERAL NOTES

SHEET NUMBER: GN-2

REVISION: 0

NOTES:

1. FENCED SITE AREA SHALL BE CLEARED AND GRUBBED. REMOVE UNSUITABLE SOFT OR LOOSE SOILS, ORGANIC MATERIAL AND OR RUBBLE TO FIRM SUBGRADE. FILL UNDERCUT UP TO 6 INCHES BELOW FINISH GRADE.
2. THE CONTRACTOR MUST CONTACT THE SURVEYOR TO STAKE OUT THE LEASE AREA AND ALL EASEMENTS PRIOR TO CONSTRUCTION. ALL FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
3. IF ANY ARCHAEOLOGICAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE CLIENT.
4. THE CONTRACTOR IS TO ENSURE THAT NO DAMAGE OR DEBRIS OCCURS ON THE ADJACENT PROPERTIES.
5. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITH LOW MAINTENANCE NATIVE GRASS AND COVER WITH APPROVED STRAW.
6. UNTIL THE COMPOUND IS SURROUNDED BY A PERMANENT FENCE, THE CONTRACTOR MUST ERECT A TEMPORARY FENCE AROUND THE TOWER AND POST A "NO TRESPASSING" SIGN. ALL CLIMBING PEGS MUST BE REMOVED UP TO 20' UNTIL A PERMANENT FENCE IS INSTALLED.
7. THE CONTRACTOR MUST ENSURE THAT ALL DELIVERY TRUCKS WILL BE ABLE TO DELIVER THE MATERIAL TO THE COMPOUND. IF THE DELIVERY TRUCKS CAN NOT ACCESS THE COMPOUND THEN THE CONTRACTOR MUST MAKE OTHER ARRANGEMENTS TO GET THE MATERIAL TO THE COMPOUND. IF THIS IS REQUIRED THE CONTRACTOR MUST CONTACT KIMLEY-HORN AND ASSOCIATES IMMEDIATELY. NO ADDITIONAL FEES WILL BE PASSED ON TO THE CLIENT.
8. PROPOSED TOWER AND FOUNDATION TO BE INSTALLED IN ACCORDANCE WITH THE TOWER MANUFACTURER PLANS PROVIDED BY CLIENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE UNLOADING OF TOWER MATERIALS DELIVERED TO SITE BY THE TOWER MANUFACTURER.
9. CONTRACTOR MUST REFER TO THE GEOTECH REPORT FOR ALL COMPACTED FILL RECOMMENDATIONS. IF THE GEOTECH REPORT CONFLICTS WITH THE CONSTRUCTION DRAWINGS THEN STOP WORK AND CONTACT THE CLIENT AS SOON AS POSSIBLE.
10. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DOT AND/OR COUNTY SPECIFICATIONS PRIOR TO BID AND CONSTRUCTION. IF THE SPECIFICATIONS DIFFER FROM THE CONSTRUCTION DRAWINGS, THEN THE SPECIFICATIONS WILL GOVERN. NO ADDITIONAL COSTS FOR ADHERING TO THE SPECIFICATIONS WILL BE ALLOWED AFTER THE BID HAS BEEN ISSUED AND ACCEPTED NOR WILL PROJECT DELAYS BE TOLERATED.
11. AT THE TIME THE CONSTRUCTION DRAWINGS WERE COMPLETED, KIMLEY-HORN AND ASSOCIATES DID NOT HAVE A COPY OF THE PROPOSED TOWER MANUFACTURER DRAWINGS THUS WE DO NOT KNOW THE EXACT SIZE OF THE OVERALL TOWER FOOTPRINT. THE CONTRACTOR MUST COMPARE THE CONSTRUCTION DRAWINGS WITH THE TOWER DRAWINGS PRIOR TO BID AND/OR CONSTRUCTION AND IF THEY FIND ANY DISCREPANCIES OR POSSIBLE ISSUES THEY MUST NOTIFY THE CLIENT IMMEDIATELY.



NOTES:

1. FCC REQUIRES SIGNS TO BE PROVIDED AND INSTALLED AS NECESSARY.
2. "HIGH VOLTAGE-DANGER" SIGN INSTALLED ON GATE AND SIGN SHALL NOT EXCEED 1 SF IN AREA.
3. 8' HIGH CHAINLINK FENCE AND LOCKED ENTRY GATE.
4. WATER AND SEWER SERVICES ARE NOT REQUIRED AT THIS SITE.

FLOOD ZONE INFORMATION:

FLOOD ZONE:	X
PANEL NUMBER:	12095C0125H
EFFECTIVE DATE:	09/24/2021
FLOOD ELEV.	N/A

PARENT TRACT DETAIL(SEE SURVEY)

PARENT TRACT SITE DATA:
SITE AREA: 362,058± SF = 8.31± AC
LEASE PARCEL AREA: 2,400 SF = 0.06± AC

COORDINATES: (CENTER OF TOWER)
LAT: 28° 44' 58.50" N (NAD 83/2011)
LON: 81° 34' 03.40" W (NAD 83/2011)
ELEVATION: 110.8' AMSL± NAVD 88 (PER SURVEY)

DIRECTION	PROPOSED TOWER SETBACK
(A) NORTH	679'-1"
(B) SOUTH	62'-1"
(C) EAST	69'-0"
(D) WEST	482'-4"

NOTES:

1. ALL PROPOSED ACCESS AND UTILITY EASEMENT LOCATIONS SHOWN ARE SUBJECT TO CHANGE.
2. PROPERTY LINES ARE APPROXIMATE AND SHOWN FOR REFERENCE ONLY. EXACT LOCATIONS TO BE CONFIRMED ONCE SURVEY IS ORDERED.
3. LOCATIONS OF ALL EXISTING EASEMENTS AND UNDERGROUND LINES SHOWN ARE APPROXIMATE. INFORMATION PROVIDED BY OTHERS. FIELD VERIFY PRIOR TO CONSTRUCTION.

GRAPHIC SCALE

0 75 150 300

(IN FEET)

1 SITE PLAN

SCALE: 1" = 150'

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DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
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SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

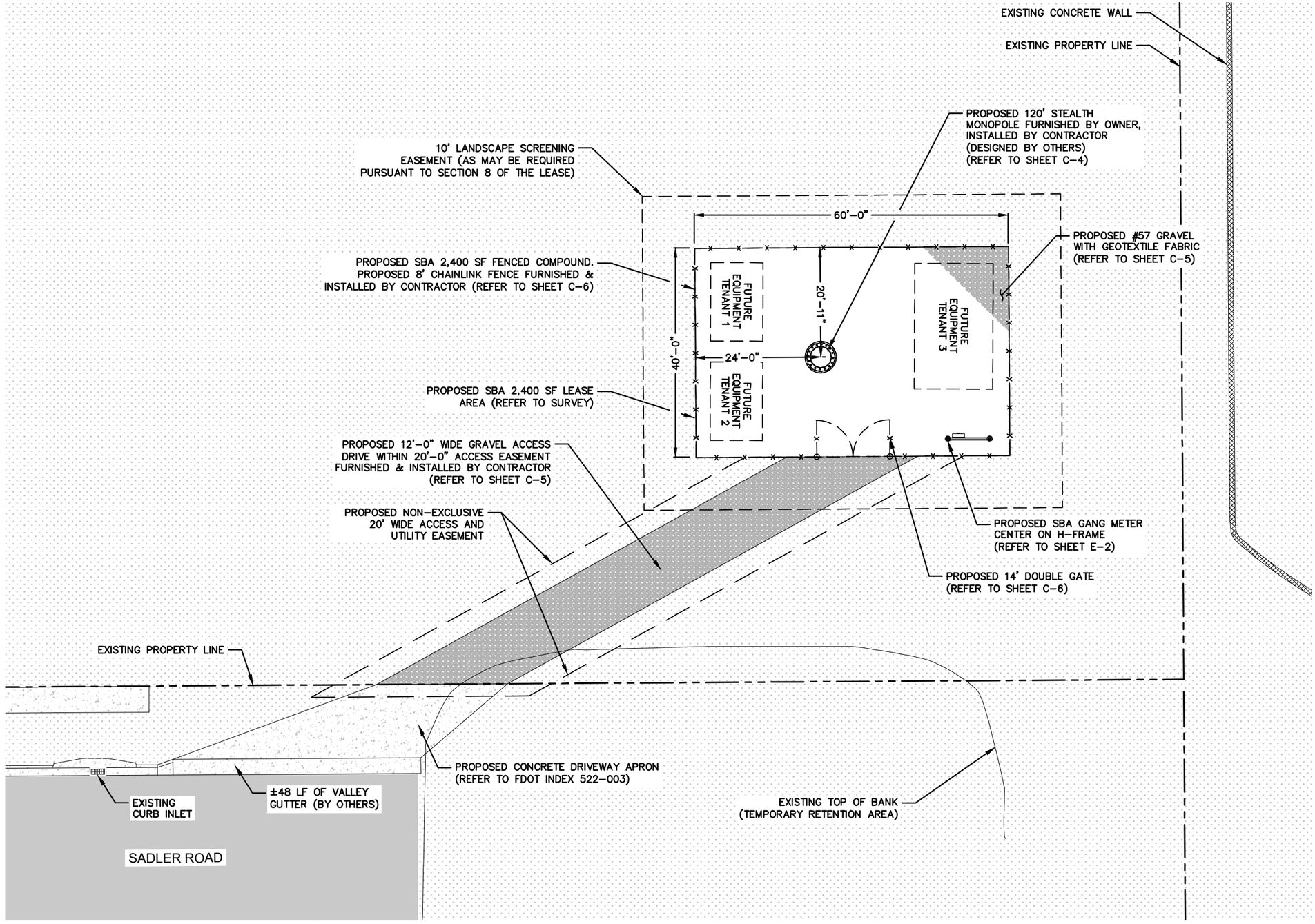
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: OVERALL SITE PLAN

SHEET NUMBER: C-1

REVISION: 0



GRAPHIC SCALE

0 10 20 40

(IN FEET)

1 ENLARGED SITE PLAN

SCALE: 1" = 20'

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SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: ENLARGED SITE PLAN

SHEET NUMBER: C-2

REVISION: 0

DRAINAGE CALCULATIONS:

1. GENERAL SITE PLAN INFORMATION:
   GRAVEL COMPOUND AREA: 60' X 40' = 2,400 SQ. FT
   GRAVEL ROAD AREA = 1,076 SQ. FT.
   CONCRETE DRIVEWAY APRON = 510 SQ. FT.
   TOTAL SITE AREA = 3,986 SQ. FT.

IMPERVIOUS AREA:
   PROPOSED TOWER FOUNDATION = 50 SQ. FT.
   PROPOSED CONCRETE DRIVEWAY APRON = 510 SQ. FT.
   PROPOSED FUTURE EQUIPMENT SLABS = 840 SQ. FT.
   EQUIPMENT SLAB, 1 CARRIER @ 360 SQ. FT. EACH
   EQUIPMENT SLABS, 2 CARRIERS @ 240 SQ. FT. EACH

TOTAL IMPERVIOUS AREA: 1,400 SQ. FT.
TOTAL PERVIOUS AREA: 3,476 SQ. FT.

2. CALCULATED REQUIRED STORAGE RUNOFF:

   2.1 1/2" OF RUNOFF OVER TOTAL SITE
   Q = 3,476 SQ. FT. * 1/2" * 1'/12"
   Q = 144.8 CU. FT.

OR

   2.2 2.5" * % IMPERVIOUS OVER TOTAL SITE
   % IMPERVIOUS = 1,400 / 4,876
   % IMPERVIOUS = 0.29
   Q = 2.5" * 1'/12" * 0.29 * 4,876
   Q = 294.59 CU. FT.

3. STORAGE VOLUME PROVIDED:
   COMPOUND:
   NO. 57 STONE COMPOUND, 4" LAYER, 2,400 SQ. FT. COMPOUND.
   ASSUME 40% VOIDS RATIO.
   RETENTION VOLUME PROVIDED = (2,400 SQ. FT. – 890 SQ. FT.)
   * 0.4 * 4"/12" =201.3 CU. FT.
   RETENTION VOLUME PROVIDED = 201.3 CU. FT.

   ROAD:
   NO. 57 STONE ROAD, 6" LAYER, 1,076 SQ. FT.
   ASSUME 40% VOIDS RATIO.
   RETENTION VOLUME PROVIDED =
   1,076 SQ. FT. * 0.4 * 6"/12" = 215.2 CU. FT.
   RETENTION VOLUME PROVIDED = 215.2 CU. FT.

   TOTAL RETENTION VOLUME = 201.3 + 215.2 = 416.5 CU. FT.

RETENTION VOLUME PROVIDED IS GREATER THAN REQUIRED STORAGE VOLUME

NOTE:

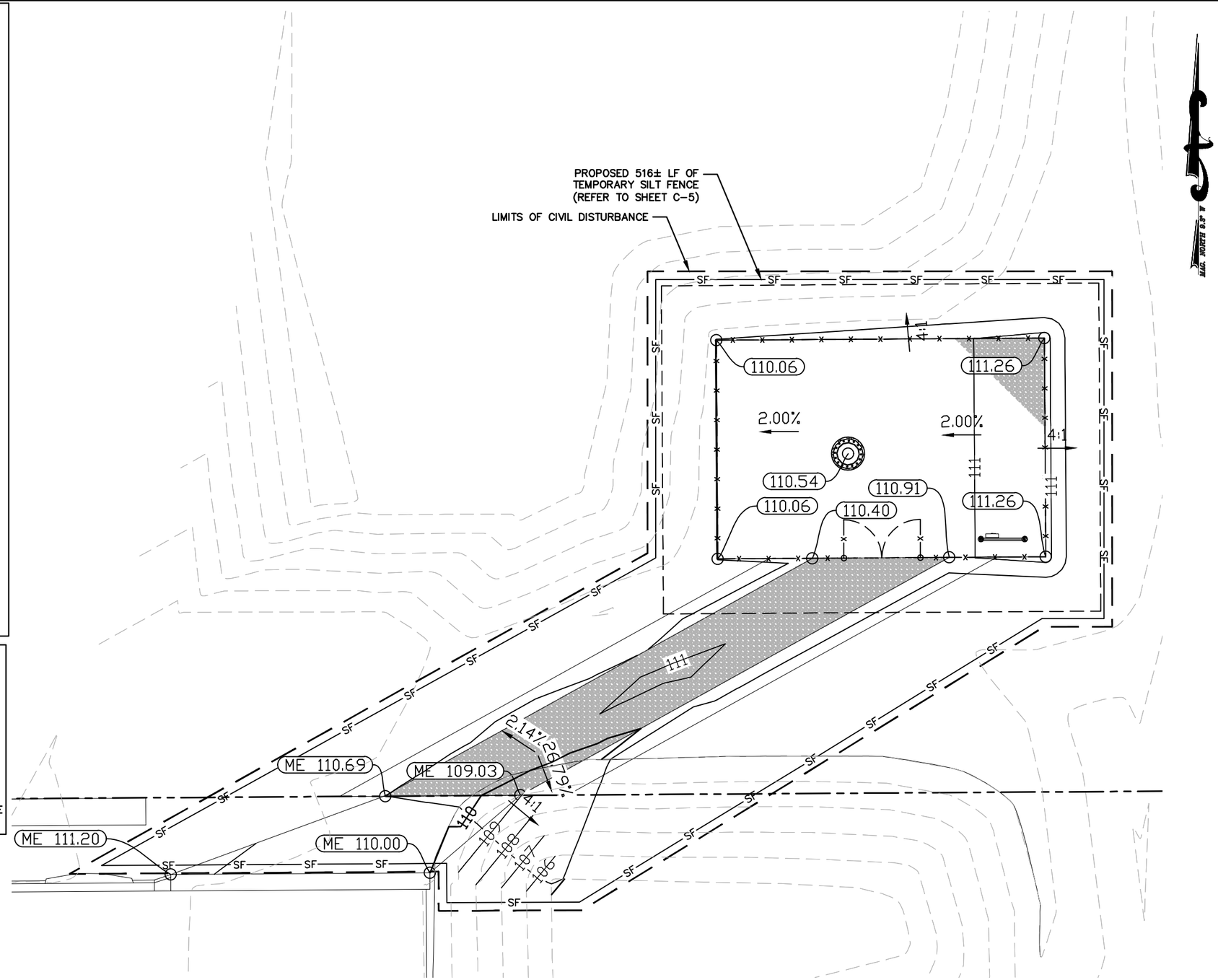
1. CONTRACTOR REQUIRED TO PROVIDE POSITIVE DRAINAGE "OFF" LEASE AREA.

GRADING NOTES:

1. ALL ELEVATIONS ARE FINISHED GRADE.
2. ENSURE POSITIVE DRAINAGE FROM SITE AT ALL TIMES.
3. PLACE GEOTEXTILE FILTER UNDER COMPOUND.
4. USE MIRAFI (#500X) OR EQUIVALENT. SLOPES 2:1 OR STEEPER MUST BE LINED WITH GEO FABRIC, MIRAFI 60 MIL OR EQUIVALENT, AND HEAVY RIP–RAP STONE PLACED ON TOP OF FABRIC TO STABILIZE SLOPE.

LEGEND

——XXX'——	PROPOSED CONTOUR LINE
– – XXX' – –	EXISTING CONTOUR LINE
——S/F——	PROPOSED SILT FENCE
– (125)	SPOT ELEVATION
– (ME 125)	MATCH EXISTING
2% →	SLOPE ARROW
— — —	LIMITS OF CIVIL DISTURBANCE



GRAPHIC SCALE
0 10 20 40
(IN FEET)

1 SITE GRADING PLAN

SCALE: 1" = 20'

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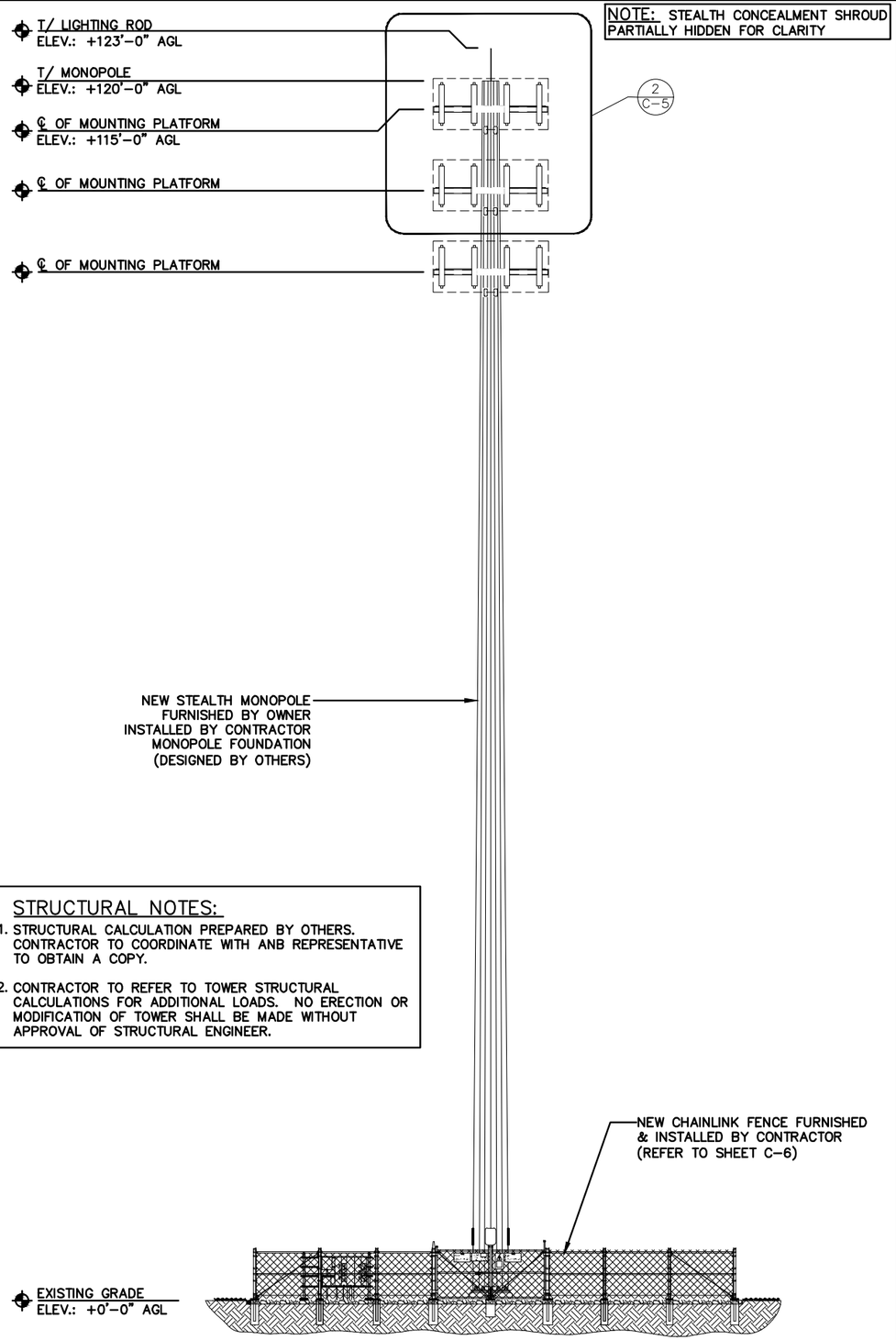
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A&E PROJECT #:	241149058
DRAWN BY:	VJS
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REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
1	10/03/25	ISSUED FOR REVIEW

SITE NAME: WYLD OAKS
SITE NUMBER: FL23193-S
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712
DESIGN TYPE: RAWLAND
SHEET TITLE: SITE GRADING PLAN
SHEET NUMBER: C-3
REVISION: 0

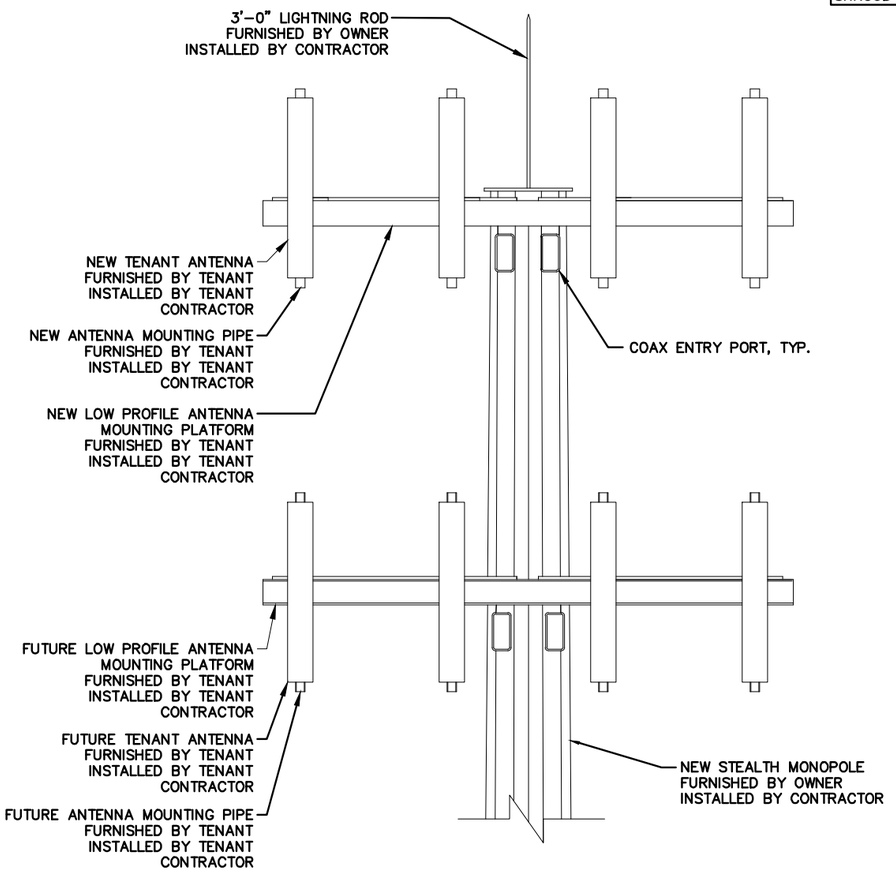


NOTE: STEALTH CONCEALMENT SHROUD PARTIALLY HIDDEN FOR CLARITY

STRUCTURAL NOTES:

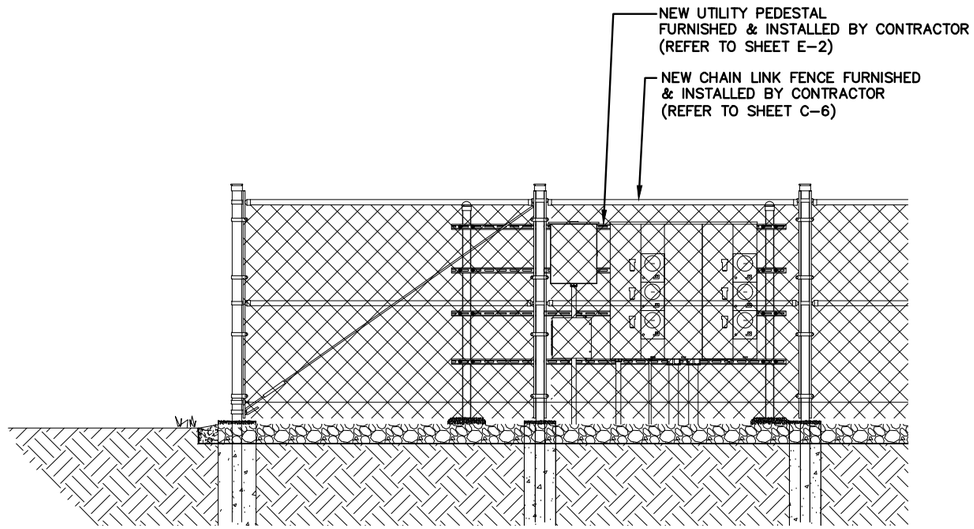
1. STRUCTURAL CALCULATION PREPARED BY OTHERS. CONTRACTOR TO COORDINATE WITH ANB REPRESENTATIVE TO OBTAIN A COPY.
2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

1 ELEVATION VIEW



NOTE: STEALTH CONCEALMENT SHROUD HIDDEN FOR CLARITY

2 TOP OF TOWER ELEVATION VIEW



3 H-FRAME ELEVATION VIEW

SCALE: N.T.S.

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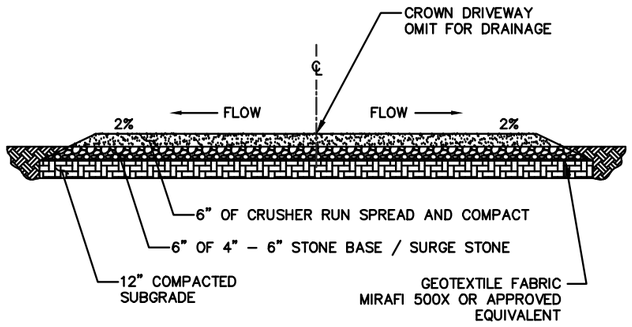
DESIGN TYPE: RAWLAND

SHEET TITLE: SITE ELEVATIONS

SHEET NUMBER: C-4

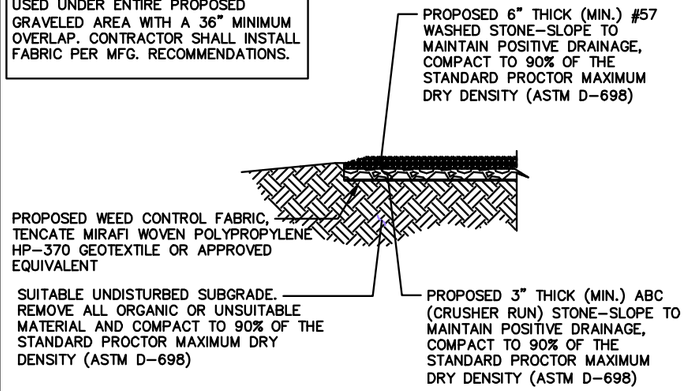
REVISION: 0

NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ACCESS DRIVE WITH A 36" MINIMUM OVERLAP. CONTRACTOR SHALL INSTALL FABRIC PER MFG. RECOMMENDATIONS.

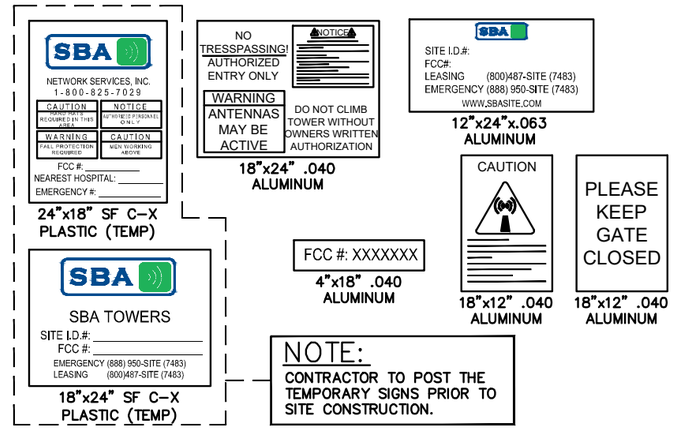


1 ACCESS DRIVE DETAIL SCALE: N.T.S.

NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ENTIRE PROPOSED GRAVELED AREA WITH A 36" MINIMUM OVERLAP. CONTRACTOR SHALL INSTALL FABRIC PER MFG. RECOMMENDATIONS.



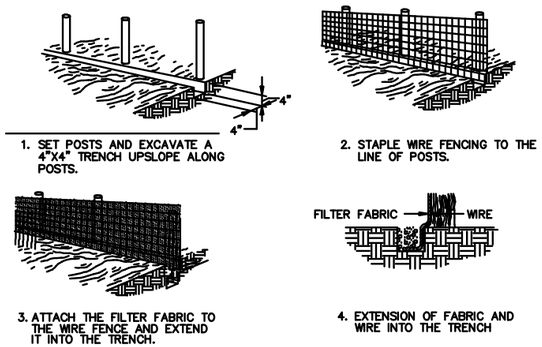
2 COMPOUND FINISH DETAIL SCALE: N.T.S.



3 SIGN DETAIL SCALE: N.T.S.

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION. INSTALL SILT FENCE AS SHOWN WHERE ADDITIONALLY REQUIRED FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS, AND WATERWAYS.
2. CONTRACTOR SHALL INSPECT INSTALLED EROSION CONTROL DEVICE WEEKLY DURING CONSTRUCTION AND AFTER HEAVY RAINS FOR DAMAGE OR EXCESSIVE SILTATION. MAINTENANCE SHALL INCLUDE CLEANING BUILT–UP SEDIMENT BEHIND THE BARRIERS AND/OR REPLACING DAMAGED SECTIONS.
3. THE EROSION CONTROL DEVICES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
4. HAY BALES SHALL NOT BE USED AS EROSION CONTROL.
5. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SITE FREE OF DRAINAGE PROBLEMS.
6. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES FOR CONSTRUCTION TO PREVENT THE DIVERSION OF SEDIMENT LADEN STORM WATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE.
7. CONTRACTOR SHALL PREVENT TRACKING OF SEDIMENT OUTSIDE OF CONSTRUCTION LIMITS. THIS MAY REQUIRE CLEANING AND/OR WASHING OF DEBRIS AND SEDIMENT FROM ALL VEHICLES PRIOR TO EXITING THE SITE. ANY SEDIMENT DEPOSITED ON THE ROADWAY SHALL BE SWEPT AS NECESSARY THROUGHOUT THE DAY OR AT THE END OF EVERY DAY AND DISPOSED OF IN AN APPROPRIATE MANNER. SEDIMENT SHALL NOT BE WASHED INTO STORM SEWER SYSTEMS.
8. ANY DEBRIS AND/OR SEDIMENT EXITING THE SITE DUE TO TRACKING OR FAILURE OF A SITE BMP SHALL BE CLEANED IMMEDIATELY BY THE CONTRACTOR BY A METHOD OTHER THAN FLUSHING. CONTRACTOR SHALL ALSO IMMEDIATELY REPAIR ANY BMPS THAT HAVE FAILED AND/OR INSTALL ADDITIONAL BMPS TO ENSURE SEDIMENT DOES NOT LEAVE THE SITE.



SILT FENCE

4 EROSION CONTROL DETAIL

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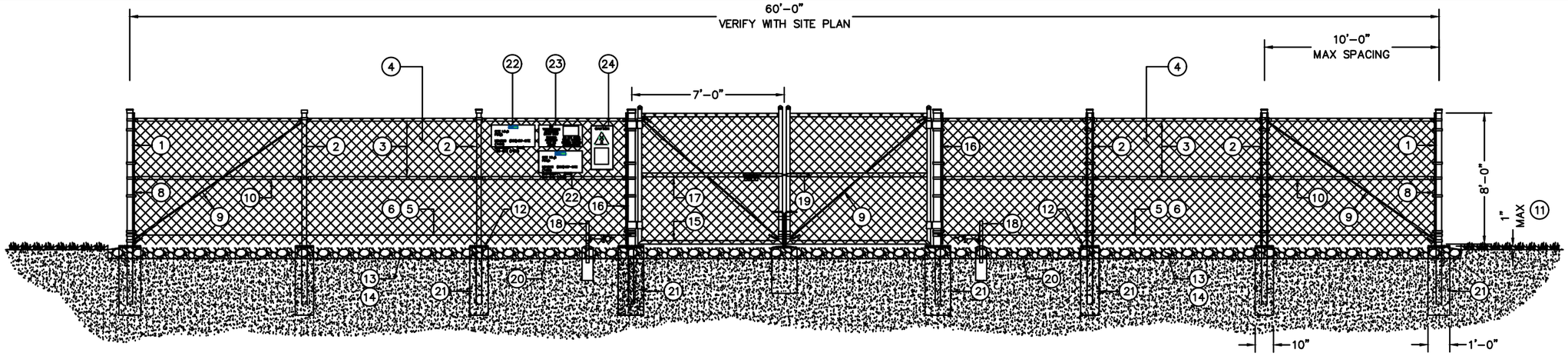
A&E PROJECT #:	241149058
DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
0	10/03/25	ISSUED FOR REVIEW

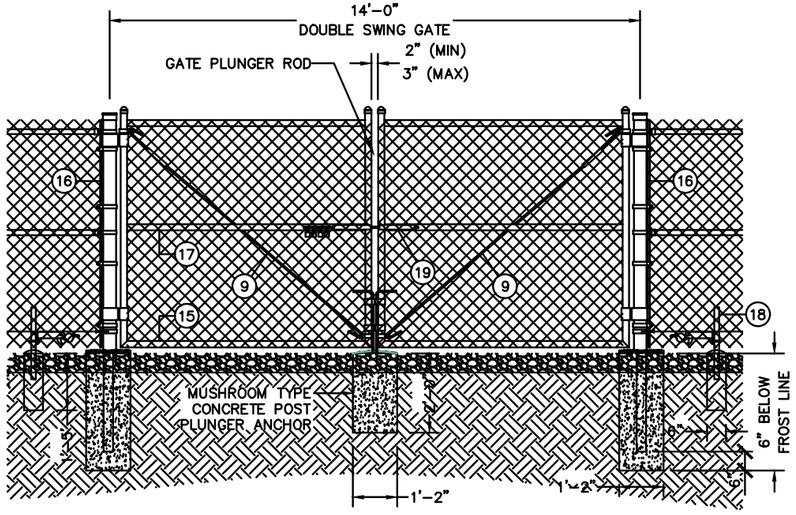
SITE NAME: WYLD OAKS
SITE NUMBER: FL23193-S
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712
DESIGN TYPE: RAWLAND
SHEET TITLE: SITE DETAILS

SHEET NUMBER: C-5
REVISION: 0



1 TYPICAL FENCING DETAIL

SCALE: N.T.S.



2 DOUBLE-SWING GATE DETAIL

SCALE: N.T.S.

GENERAL NOTES:

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F-900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE GALVANIZED (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUIVALENT).
5. ALL OPEN POSTS SHALL HAVE END-CAPS.
6. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC.
8. MUSHROOM ANCHOR & PLUNGER REQUIRED FOR GATE.
9. G.C. RESPONSIBLE FOR SBA COMBO GATE LOCK

3 GENERAL NOTES

4 NOT USED

SCALE: N.T.S.

BALLOON REFERENCE NOTES:

1. CORNER, END OR PULL POST: 3" O.D. SCHEDULE 40 PIPE.
2. LINE POST: 2 1/2" NOMINAL SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUIVALENTLY SPACED AT MAXIMUM 10'-0" O.C.
3. TOP RAIL & BRACE RAIL: 1-5/8"O.D. STANDARD ROUND PIPE, PER ASTM-F1083.
4. FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
5. TIE WIRE: 9 GA ALUMINUM. A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED 12" O.C. POSTS/GATES AND 24" RAILS/WIRE.
6. TENSION WIRE: 9 GA ALUMINUM
7. N/A
8. 3/16" X 3/4" (MIN) FULL HEIGHT STRETCHER BAR.
9. 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
10. FENCE CORNER POST BRACE: 1 5/8" NOMINAL PIPE.
11. 1" MAXIMUM CLEARANCE FROM FINISH GRADE.
12. FENCE POST FOUNDATION TO BE 1" FINISH ABOVE FINISHED GRADE
13. 6" COMPACTED BASE MATERIAL
14. FINISH GRADE SHALL BE UNIFORM AND LEVEL.
15. WELDED GATE FRAME: 2" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
16. GATE POST 4" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083.
17. GATE FRAME BRACE RAIL: 1 1/2" NOMINAL PIPE, PER ASTM-F1083.
18. DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION.
19. STYMIE LOCK MULTI-TENANT LOCKING DEVICE
20. GEOTEXTILE FABRIC
21. CONCRETE FOUNDATION (MIN 4000 PSI). MINIMUM DEPTH: 6" BELOW FROST LINE
22. 12" x 24" SBA SITE INFORMATION SIGN.
23. 12" x 24" NO TRESPASSING SIGN.
24. 12" x 24" RF CAUTION SIGN.

5 FENCING NOTES

SCALE: N.T.S.

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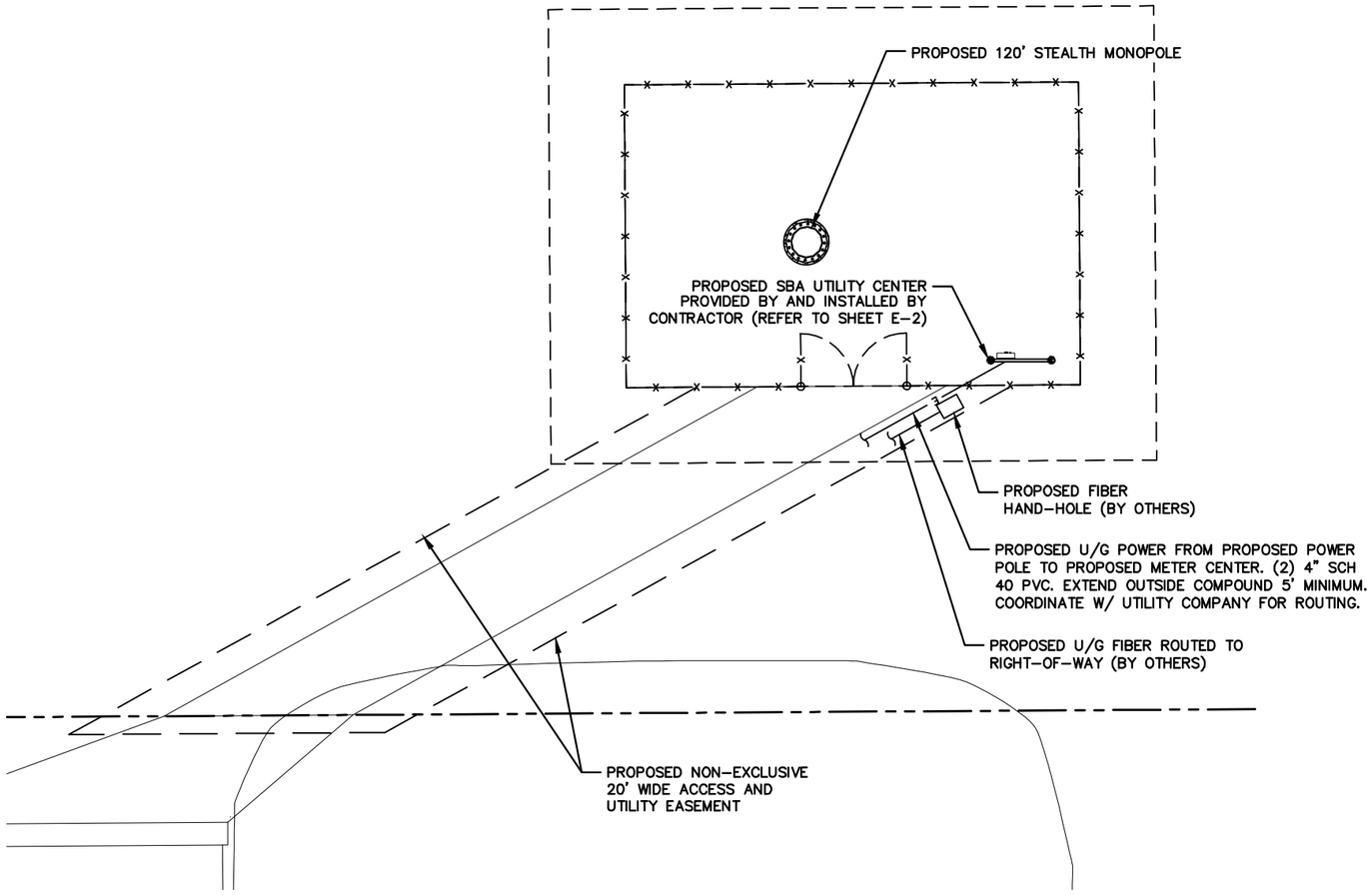
SHEET TITLE: FENCE DETAILS

SHEET NUMBER: C-6

REVISION: 0

NOTE:

1. ALL WORK, INCLUDING BUT NOT LIMITED TO ROUTES, CONDUIT SIZES, AND CONTENTS SHALL BE CONFIRMED AND COORDINATED WITH UTILITY PROVIDER BY CONTRACTOR PRIOR TO COMMENCEMENT (REFER TO UTILITY COORDINATION BY OTHERS)



GRAPHIC SCALE

0 10 20 40

(IN FEET)

1 UTILITY SITE PLAN

SCALE: 1" = 20'

GENERAL ELECTRICAL NOTES

1.) ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL ELECTRIC CODE, LATEST ADOPTED EDITION, AND LOCAL CODES.

2.) ALL ELECTRICAL MATERIALS, EQUIPMENT AND INSTALLATION PROCEDURES TO CONFORM WITH SBA SPECIFICATIONS.

3.) CONTRACTOR SHALL PERFORM ALL VERIFICATION TESTS AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ENGINEER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT & DISCREPANCIES.

4.) ELECTRICAL PLANS, DETAILS, AND DIAGRAMS ARE DIAGRAMMATIC ONLY. FIELD CONDITIONS DICTATE THE AMOUNT AND LOCATION OF EQUIPMENT.

5.) ALL MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NFPA, AND "UL" LISTED.

6.) THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY THE NEC, AND ALL APPLICABLE LOCAL CODES.

7.) ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE A MINIMUM INTERRUPTING RATING GREATER THAN THE UTILITY FAULT CURRENT.

8.) FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO VENDOR PRINTS AND INSTRUCTIONS.

9.) PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.

10.) PROVIDE SBA WITH ONE SET OF COMPLETE ELECTRICAL "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE JOB SHOWING ACTUAL ROUTINGS AND WIRING CONNECTIONS.

11.) LABEL ALL ELECTRICAL EQUIPMENT PER SBA SPECIFICATIONS.

12.) ALL SINGLE-PHASE SELF-CONTAINED METER CONNECTION DEVICES MUST INCLUDE HORN TYPE BY-PASS PROVISION SO THAT SERVICE WILL NOT BE INTERRUPTED WHEN A METER IS REMOVED FROM THE SOCKET.

13.) ALL EQUIPMENT PUNCH OUTS AND CONDUITS (USED AND SPARE) TO BE "RODENT PROOFED" WITH CAPS, STEEL MESH, AND/OR FOAM FILL BY CONTRACTOR (AS NEEDED).

14.) ALL INTERIOR CONDUITS AND BUSHINGS SHALL BE EMT. ALL EXTERIOR SHALL BE PVC UNLESS NOTED OTHERWISE. SEE SBA SPECIFICATIONS.

15.) NO SPOILS TO BE LEFT ON SITE WITHOUT THE WRITTEN CONSENT OF THE LANDOWNER

16.) CONTRACTOR TO PROVIDE 2 PHENOLIC LABELS AT METER. ONE TO IDENTIFY "SBA DISCONNECT" AND THE OTHER TO GIVE SITE ADDRESS.

CODES AND STANDARDS

ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
NEC	NATIONAL ELECTRICAL CODE, LATEST ADOPTED EDITION
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
UL	UNDERWRITERS LABORATORIES, INC.

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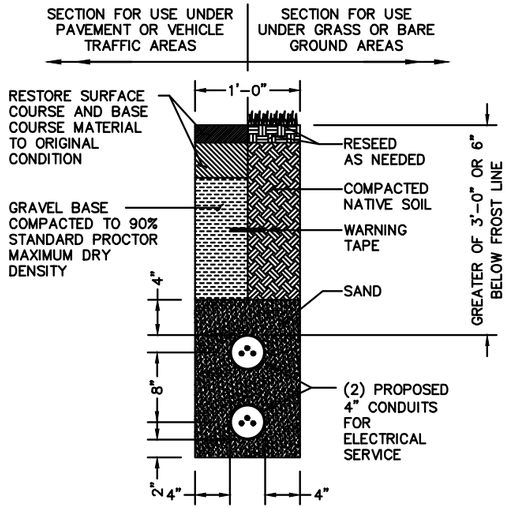
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

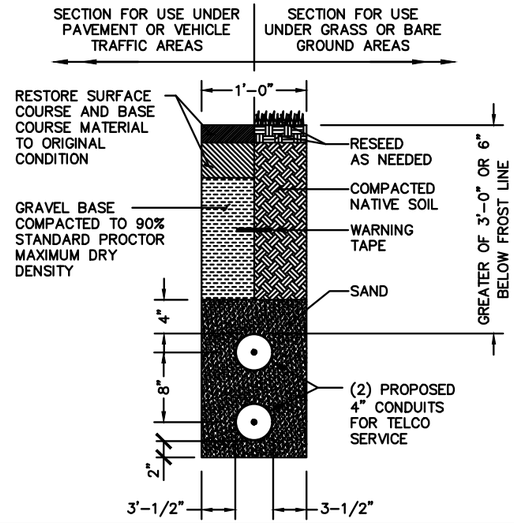
SHEET TITLE: UTILITY SITE PLAN

SHEET NUMBER: E-1

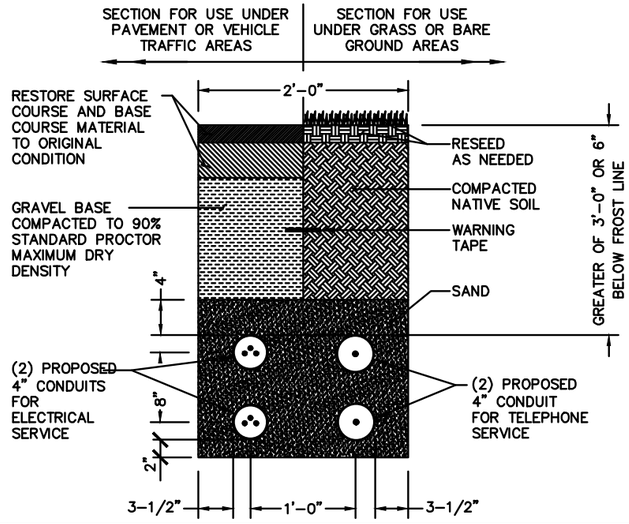
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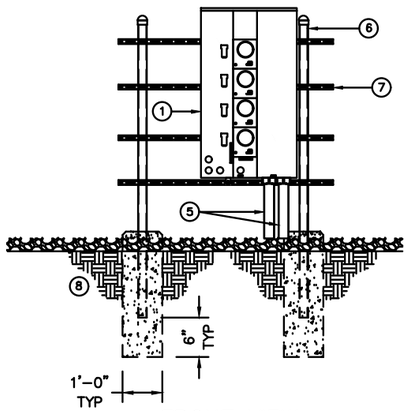
1 ELECTRICAL TRENCH DETAIL SCALE: N.T.S.



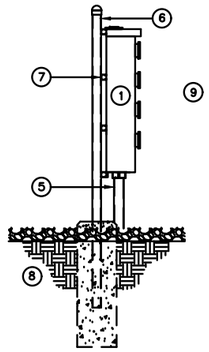
2 TELEPHONE TRENCH DETAIL SCALE: N.T.S.



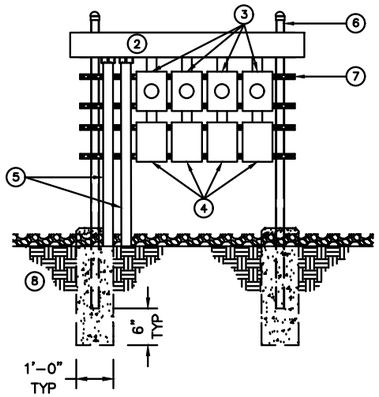
3 JOINT UTILITY TRENCH DETAIL SCALE: N.T.S.



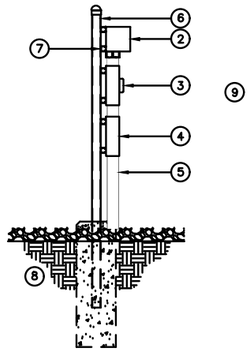
FRONT VIEW



SIDE VIEW



FRONT VIEW



SIDE VIEW

BALLOON REFERENCE NOTES:

1. 600A, 120/240V, 1 PHASE, 3 WIRE, 4 POSITION METERING CENTER (200A MAX CIRCUIT BREAKER) (SQUARE D METER PAK MPR64200, OR EQUIVALENT)
2. PROVIDE NEW UTILITY GUTTER, 72"X12"X12" MIN., PROVIDE TAPS AS REQUIRED
3. 200A, 120/240V, 1 PHASE, 3 WIRE, METER SOCKET WITH BYPASS HANDLE (EATON UHTRS213CE, OR EQUIVALENT)
4. 200A, 120/240V, 1 PHASE, NEMA 3R, FUSIBLE DISCONNECT (SQUARE D QO CATALOG #C0224NRB, OR EQUIVALENT)
5. (2) SCH. 40 PIPE FOR ELECTRIC SERVICE (SEE ONE LINE DIAGRAM)
6. 3" NOMINAL GALVANIZED STEEL PIPE WITH PIPE CAP
7. HORIZONTAL SUPPORT MEMBER (UNISTRUT P1000, OR APPROVED EQUIVALENT)
8. FOUNDATION 3'-0" DEPTH OR 6" BELOW FROST LINE, WHICHEVER IS GREATER
9. CONTRACTOR TO MAINTAIN 5'-0" MINIMUM CLEARANCE FROM FACE OF H-FRAME TO NEAREST OBSTRUCTION. MAINTAIN A 3'-0" MINIMUM CLEARANCE FROM FACE OF METER TO NEAREST OBSTRUCTION PER N.E.C.

4 UTILITY & TELCO H-FRAME DETAIL SCALE: N.T.S.

SBA

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SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: UTILITY DETAILS

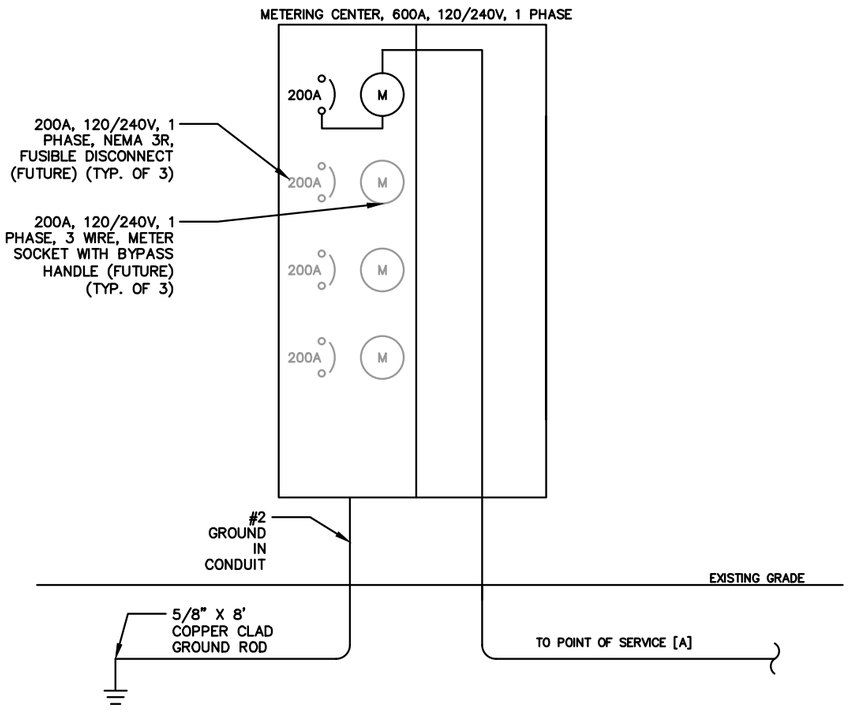
SHEET NUMBER: E-2

REVISION: 0

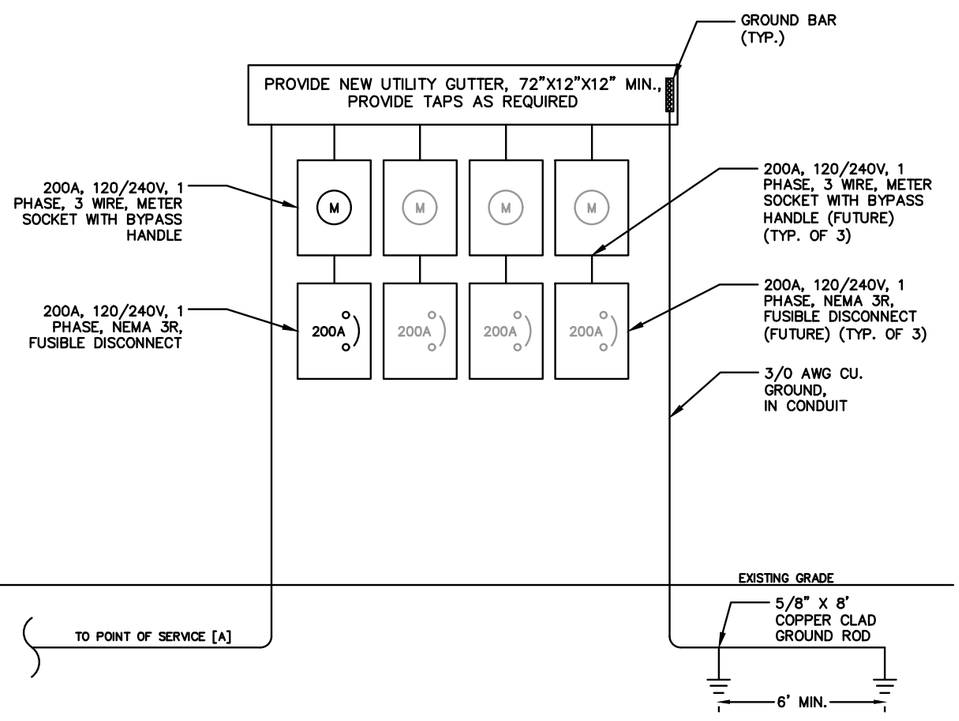
ELECTRICAL

CIRCUIT ID	VOLTS	MAX ONE WAY LENGTH OF RUN	CIRCUIT SIZE (2H+N)	CONDUIT ø
[A]	120/240V	300FT	2 PARALLEL SETS (3) 350 MCM	(2) 3–1/2"
		350FT	2 PARALLEL SETS (3) 400 MCM	(2) 3–1/2"
		450FT	2 PARALLEL SETS (3) 500 MCM	(2) 4"
		500FT	2 PARALLEL SETS (3) 600 MCM	(2) 4"
		600FT	2 PARALLEL SETS (3) 700 MCM	(2) 4"
		650FT	2 PARALLEL SETS (3) 750 MCM	(2) 4"

– CIRCUITS SIZED FOR LESS THAN 3.0% OF VOLTAGE DROP
– PARALLEL SETS OF WIRES, EACH SET IN SEPARATE CONDUIT
– ALL CIRCUITS SHALL BE CU, AWG, THWN



1 ELECTRICAL SINGLE–LINE DIAGRAM (OPTION 1) SCALE: N.T.S.



2 ELECTRICAL SINGLE–LINE DIAGRAM (OPTION 2) SCALE: N.T.S.

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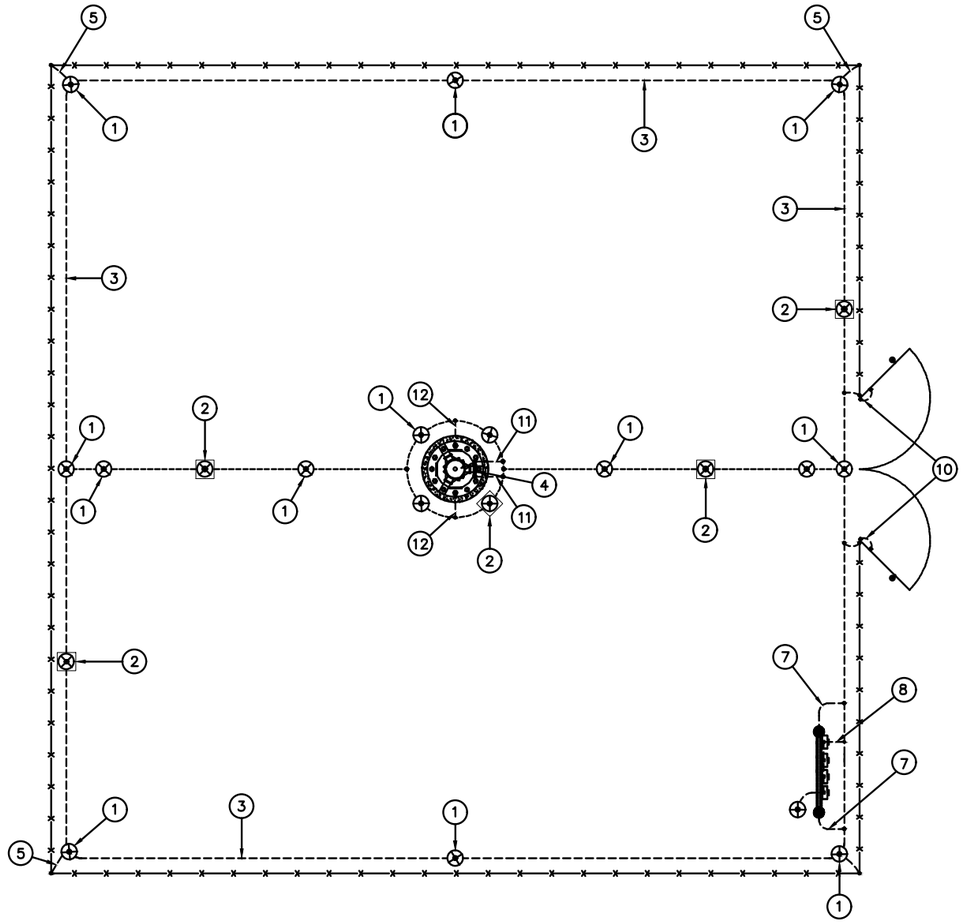
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SITE NUMBER: FL23193-S
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712
DESIGN TYPE: RAWLAND
SHEET TITLE: SINGLE LINE DIAGRAM

SHEET NUMBER:	REVISION:
E-3	0



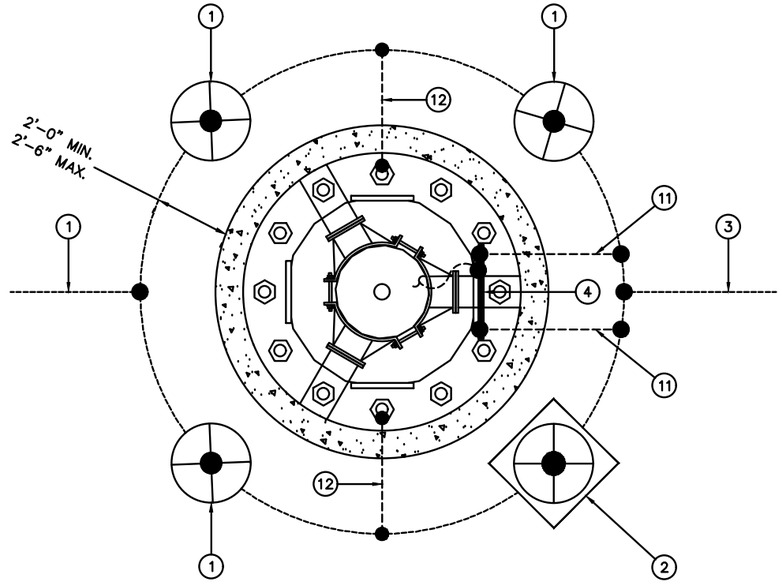
BALLOON REFERENCE NOTES:

1. 5/8"~X8' COPPER CLAD GROUND ROD BURIED 36" BELOW GRADE (MIN.)
2. GROUND ROD ACCESS WELL (MIN. OF 4 EACH PER COMPOUND)
3. #2 SOLID, TINNED, BARE COPPER WIRE GROUND RING (CONTINUOUS STRAND)
4. 1/4"X4"X20" TINNED COPPER GROUND BAR. 2 TYP, AT BASE AND TOP OF TOWER. MOUNT DIRECT TO TOWER, DO NOT ISOLATE.
5. #2 SOLID, TINNED, BARE COPPER WIRE GROUND LEAD TO FENCE CORNER POST.
6. N/A
7. #2 SOLID, TINNED, BARE COPPER WIRE GROUND LEAD TO UTILITY H-FRAME SUPPORT POST
8. SERVICE ENTRANCE GROUND TO DEDICATED GROUND ROD
9. N/A
10. #2 INSULATED, STRANDED COPPER BOND STRAP FROM GATE FRAME TO GATE POST. (TYP EACH GATE)
11. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM GROUND BAR AT MONOPOLE BASE TO GROUND RING. ROUTE IN 3/4" FLEX CONDUIT AND WEATHERPROOF OPEN END. (2 TYPICAL)
12. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM MONOPOLE BASE TO GROUND RING. (2 TYPICAL, 180° SEPARATION)

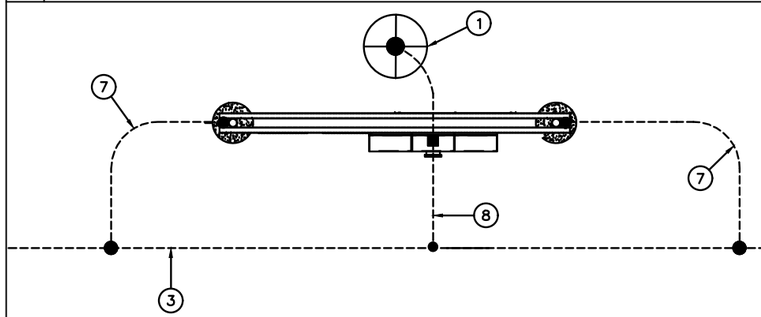
1 SITE GROUNDING PLAN (TYP.) N.T.S.

SYMBOLS LEGEND

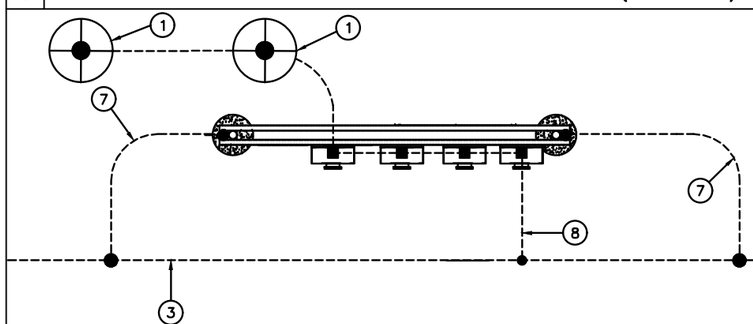
- GROUND ROD WITH ACCESS
- GROUND ROD
- EXOTHERMIC CONNECTION
- MECHANICAL CONNECTION
- GROUND BAR
- GROUND WIRE



2 ENLARGED GROUNDING PLAN @ TOWER BASE (TYP) N.T.S.



3 ENLARGED GROUNDING PLAN @ UTILITY H-FRAME (OPTION 1) N.T.S.



4 ENLARGED GROUNDING PLAN @ UTILITY H-FRAME (OPTION 2) N.T.S.

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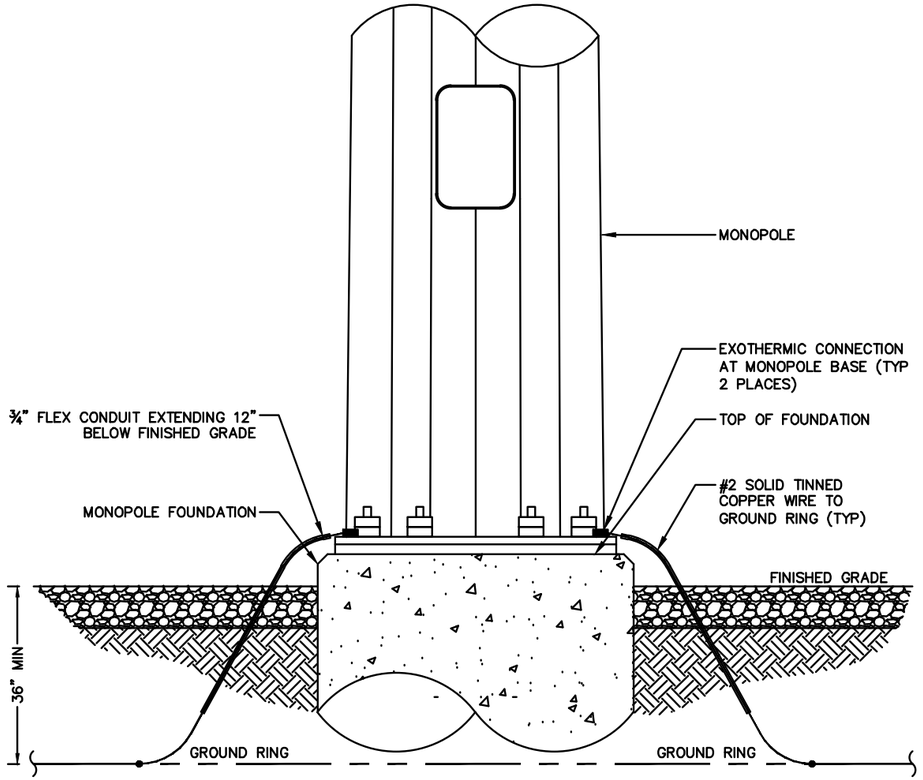
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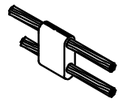
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SHEET TITLE: GROUNDING PLAN & DETAILS
SHEET NUMBER: EG-1
REVISION: 0

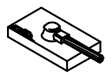


1 GROUNDING @ TOWER BASE SCALE: N.T.S.

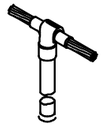
CADWELD CONNECTIONS
(OR APPROVED EQUIVALENT)



PARALLEL HORIZONTAL CONDUCTORS
PARALLEL THROUGH CONNECTION OF HORIZONTAL CABLES TYPE PT



HORIZONTAL STEEL SURFACE
TO FLAT STEEL SURFACE OR HORIZONTAL PIPE TYPE HS



THROUGH CABLE TO GROUND ROD
THROUGH CABLE TO TOP OF GROUND ROD TYPE GT



VERTICAL STEEL SURFACE
CABLE DOWN AT 45° TO VERTICAL STEEL SURFACE INCLUDING PIPE TYPE VS



HORIZONTAL SPLICE
SPLICE OF HORIZONTAL CABLES



VERTICAL PIPE
CABLE DOWN AT 45° TO RANGE OF VERTICAL PIPES TYPE VS

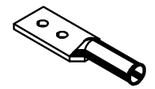
BURNDY CONNECTIONS
(OR APPROVED EQUIVALENT)



"C" CONNECTOR
HYPRESS TYPE YGHC

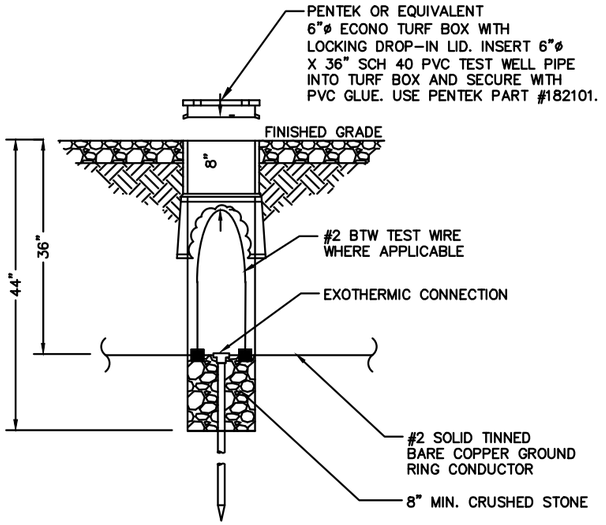


BOND JUMPER
FIELD FABRICATED GREEN STRANDED INSULATED TYPE 2-YA-2

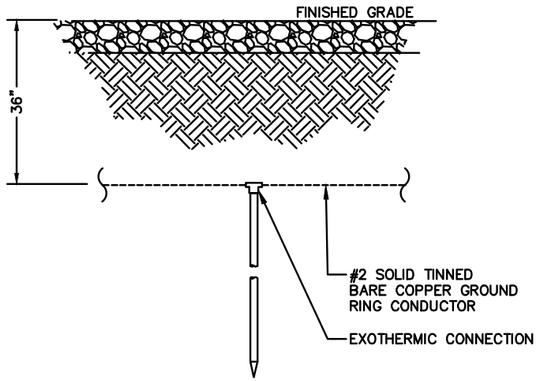


COPPER LUGS
TWO HOLE – LONG BARREL LENGTH TYPE YA-2

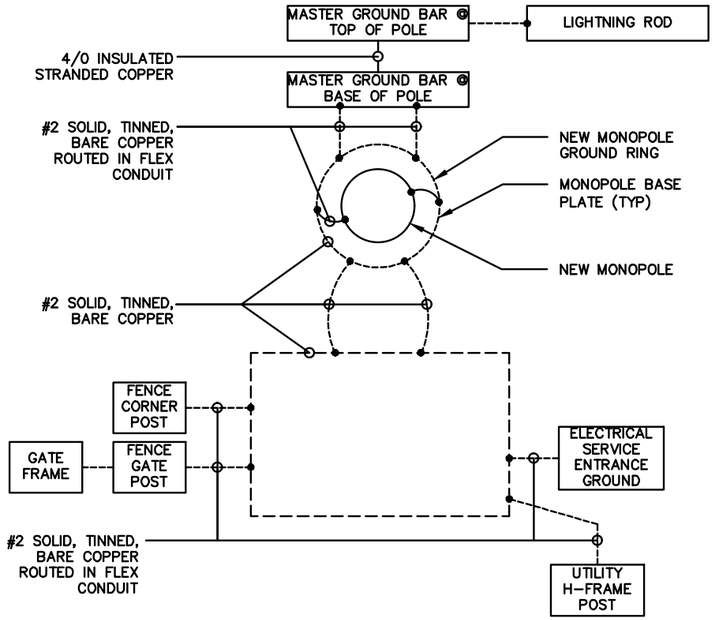
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3 ACCESS WELL DETAIL SCALE: N.T.S.



4 GROUNDING ROD DETAIL SCALE: N.T.S.



5 SINGLE-LINE DIAGRAM SCALE: N.T.S.

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A&E PROJECT #:	241149058
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CHECKED BY:	SHM
REV. 0 BY:	VJS

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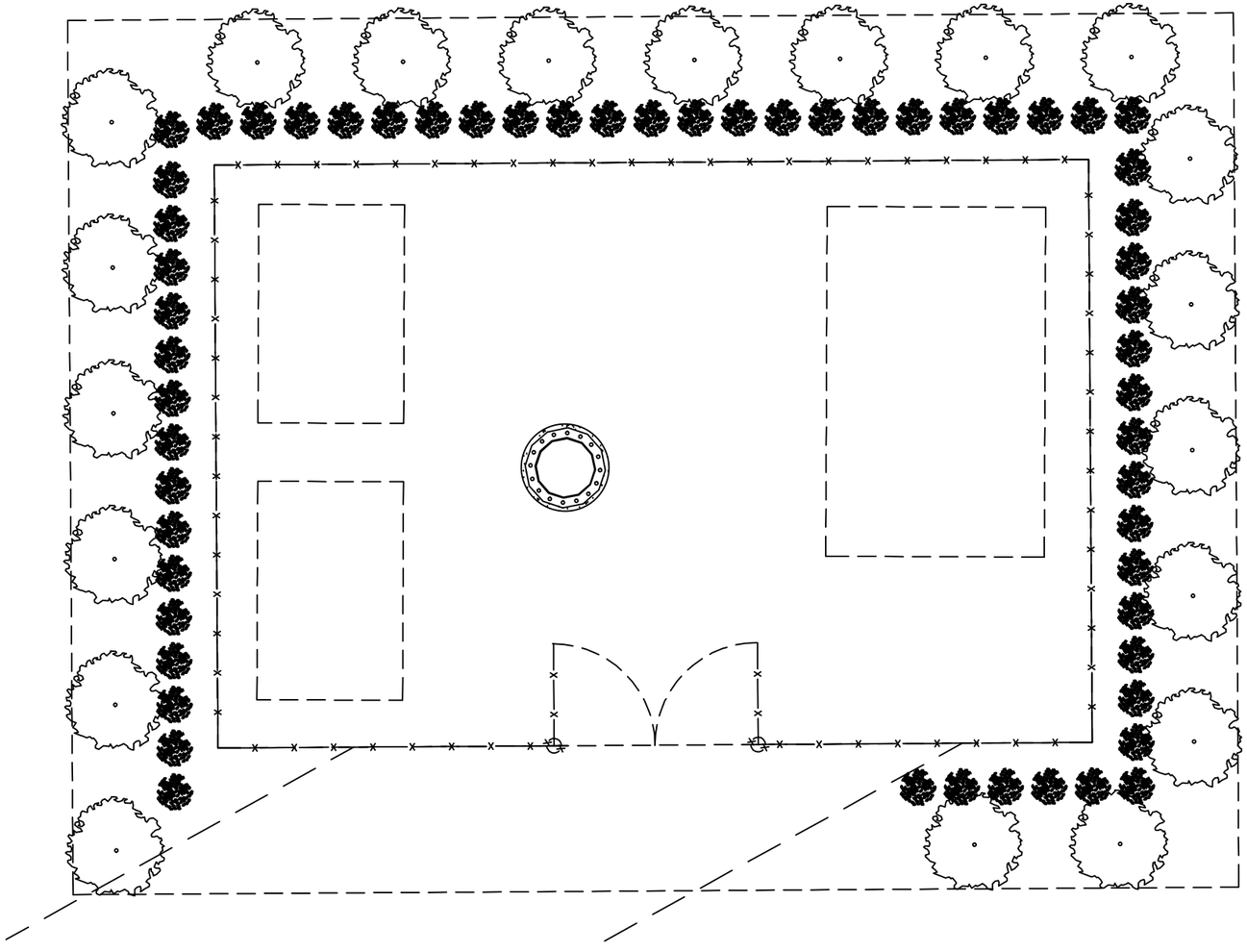
NO.	DATE	DESCRIPTION
0	10/03/25	ISSUED FOR REVIEW

SITE NAME: WYLD OAKS
SITE NUMBER: FL23193-S
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712
DESIGN TYPE: RAWLAND
SHEET TITLE: GROUNDING DETAILS

SHEET NUMBER: EG-2
REVISION: 0

PLANTING SCHEDULE

QTY	BOTANICAL NAME	COMMON NAME	SIZE/ HEIGHT	TYPE	SPACING	SYMBOL	REMARKS
20	MAGNOLIA GRANDIFLORA "LITTLE GEM"	LITTLE GEM DWARF SOUTHERN MAGNOLIA	10'	UNDERSTORY EVERGREEN	10'–0" O.C.		FULL TO BASE
58	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	30"	SHRUB EVERGREEN	3'–0" O.C.		B & B OR CONTAINER



GRAPHIC SCALE

0 5 10 20

(IN FEET)

1 LANDSCAPE PLAN

SCALE" 1" = 10'

LANDSCAPE INSTALLATION NOTES:

1. ALL PLANT MATERIALS SHALL BE FLORIDA #1 OR BETTER AS GIVEN IN, GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
2. SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH THE PLANTS ARE TO BE INSTALLED. TRUNK CALIPER IS MEASURED SIX INCHES ABOVE THE GROUND ON TREES.
3. ALL LANDSCAPING SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL STANDARDS AND IN ACCORDANCE WITH CURRENT INDUSTRY STANDARDS IN A NEAT, HEALTHY, AND WEED FREE CONDITION.
4. IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS.
5. THE CONTRACTOR SHALL ENSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS OTHER WASTE MATERIALS TO A DEPTH OF 24" PRIOR TO LANDSCAPE INSTALLATION.
6. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES. PLANT MATERIAL IS TO BE LOCATED SUCH THAT IT WILL NOT INTERFERE WITH ANY UNDERGROUND OR OVERHEAD UTILITIES. TREES CANNOT BE PLANTED AROUND, OVER, OR UNDER ANY EXISTING OR PROPOSED POWER LINES. THIS INCLUDES ANY LINES DESIGNED AFTER FINAL SITE PLAN APPROVAL.
7. ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH A PRE–EMERGENT HERBICIDE AND THEN TOP–DRESSED WITH 3" DEEP PINE BARK MULCH. ALL PROPOSED TREES SHALL HAVE A TREE RING WITH A MINIMUM 24" RADIUS, ALL PROPOSED TREES AND PALMS SHALL BE STAKED.
8. TREES, SHRUBS AND GROUND COVER SHALL BE INSTALLED USING THE FOLLOWING PROCEDURE: PLANT PITS SHALL BE EXCAVATED TO TWICE THE DIAMETER OF THE PLANT ROOT BALL. AERATE EXISTING SOIL BEFORE BACKFILLING PIT. ADD AGRIFORM FERTILIZER TABLETS TO EACH PLANT PIT, AS PER THE SPECIFICATIONS.
9. TREE INSTALLATION: ALL REQUIRED TREES SHALL BE INSTALLED 1" – 2" ABOVE FINISH GRADE. TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD. REMOVE THE TOP 1/3 OF THE WIRE BASKETS ON ALL B & B STOCK.
10. THE CONTRACTOR MUST MAINTAIN THE LANDSCAPING FOR 1 YEAR FROM THE DATE OF CONSTRUCTION COMPLETION. THIS INCLUDES BUT IS NOT LIMITED TO WATERING AND INSURING THAT THE LANDSCAPING DOES NOT DIE. IF ANY OF THE LANDSCAPING DIES WITHIN THE 1 YEAR TIME FRAME, THE CONTRACTOR MUST REPLACE IT WITH EQUIVALENT LANDSCAPING. LOCAL JURISDICTION WATERING GUIDELINES SHALL BE FOLLOWED THOROUGHLY. LANDSCAPED AREAS MUST BE 100% IRRIGATED THROUGHOUT THE ESTABLISHMENT PERIOD.
11. CONTRACTOR MUST CONFIRM LANDSCAPE REQUIREMENTS AND SPECIFICATIONS WITH LOCAL JURISDICTION.

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A&E PROJECT #:	241149058
DRAWN BY:	VJS
CHECKED BY:	SHM
REV. 0 BY:	VJS

REVISIONS

NO.	DATE	DESCRIPTION
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SITE NAME: WYLD OAKS

SITE NUMBER: FL23193-S

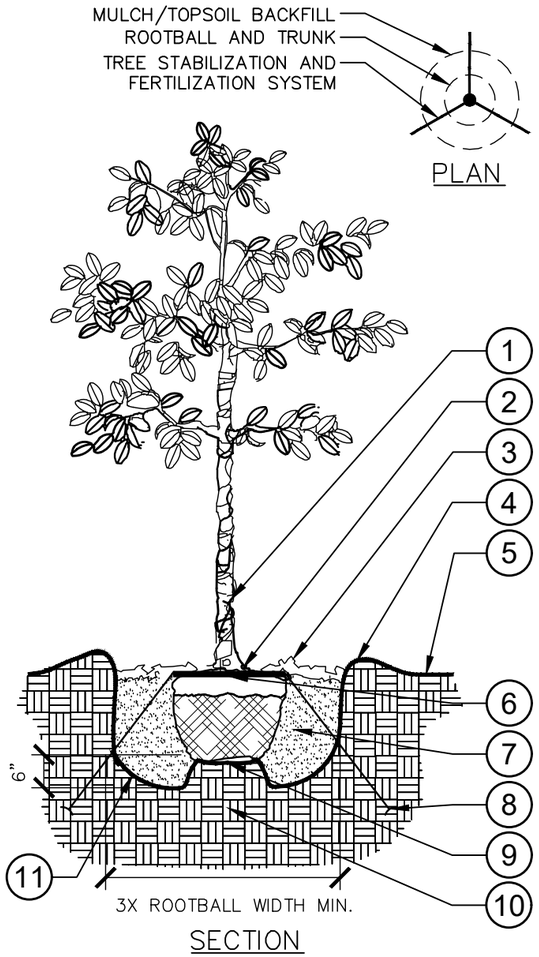
SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: LANDSCAPING PLAN

SHEET NUMBER: L-1

REVISION: 0



SECTION

1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
4. 4" HIGH BERM, FIRMLY COMPACTED.
5. FINISHED GRADE. (SEE GRADING PLAN)
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. PREPARED PLANTING SOIL AS SPECIFIED.
8. ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
9. TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.

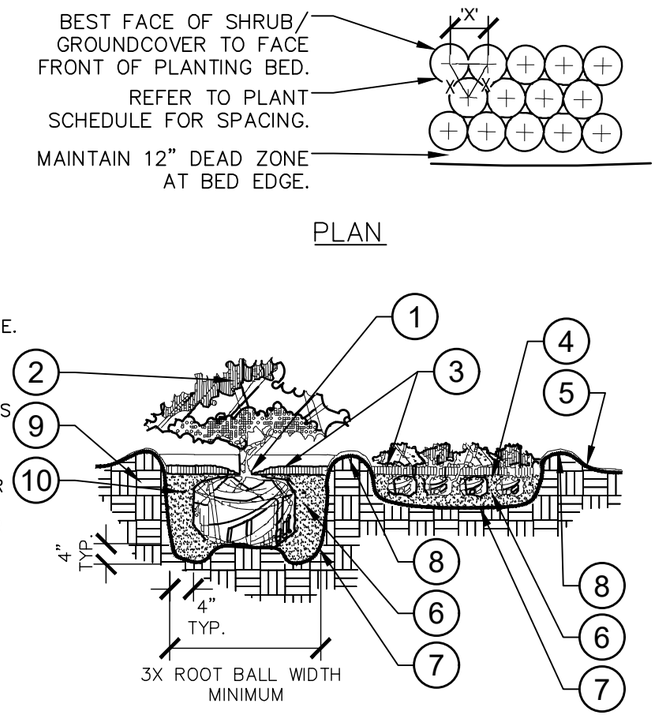
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

1 L-2 TREE PLANTING
SECTION / PLAN



SECTION

1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" – 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
3. 3" MULCH LAYER AS SPECIFIED.
4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
5. FINISHED GRADE (SEE GRADING PLAN).
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
7. SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
8. 4" HIGH BERM FIRMLY COMPACTED.
9. UNDISTURBED NATIVE SOIL.
10. FERTILIZER TABLETS (MAX 3" DEEP)

NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

2 L-2 SHRUB/GROUNDCOVER PLANTING NTS
SECTION / PLAN

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NO.	DATE	DESCRIPTION
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SITE NUMBER: FL23193-S

SITE ADDRESS: SADLER ROAD APOPKA, FL 32712

DESIGN TYPE: RAWLAND

SHEET TITLE: LANDSCAPING DETAILS

SHEET NUMBER: L-2

REVISION: 0

GENERAL NOTES:

1. Work this Index with Specification 522.

2. Refer to Index 520-001 for drop curb details and Index 522-001 for joints between driveway, sidewalks, and curb.

3. Existing Curb and Gutter:
   Remove existing curb and gutter to either the nearest joint beyond the flared point or to where no remaining section is less than 5 feet long.

4. Grades and cross slopes shown are maximums.

5. Longitudinal Joints:
   Construct ⅛" open joints placed at equal (20' max.) intervals for driveways over 20' wide. Match joints in curb and gutter to match joints in driveways.

6. Transverse Joints:
   Construct ⅛" open joints @ 10' Centers and ½" expansion joints with preformed joint filler every 5th joint.

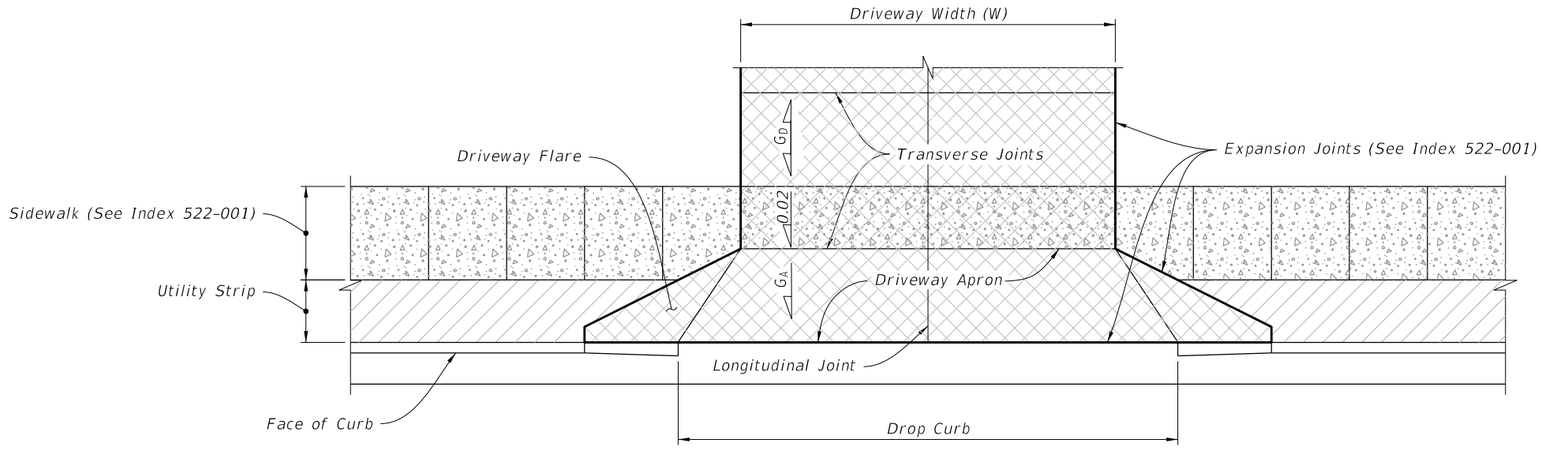
7. Construct driveways (6" thick concrete) to a uniform width (W) to the R/W line or the extent shown in the Plans.

8. Width of Sidewalk Thru Driveway is 4'-0" minimum. Match sidewalk width when shown in Plans or when utility strip width is equal to or greater than the depth of the Driveway Apron.

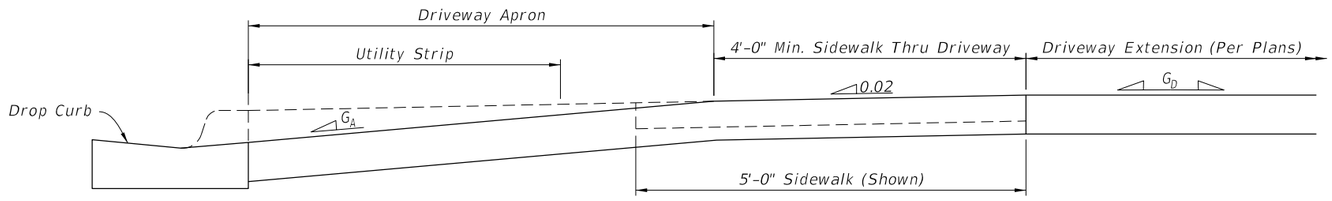
9. Alpha-Numeric Identification:
   Concrete Flared Driveway Alpha-Numeric Identifications (e.g. G4) are provided for reference purposes in the Plans.

LEGEND:

- Sidewalk
- Flared Driveway (6" Thick Concrete)
- Sidewalk Thru Driveway (6" Thick Concrete)
- Utility Strip
- G_A Grade of Apron
- G_D Grade of Driveway (Per Plans)



PLAN

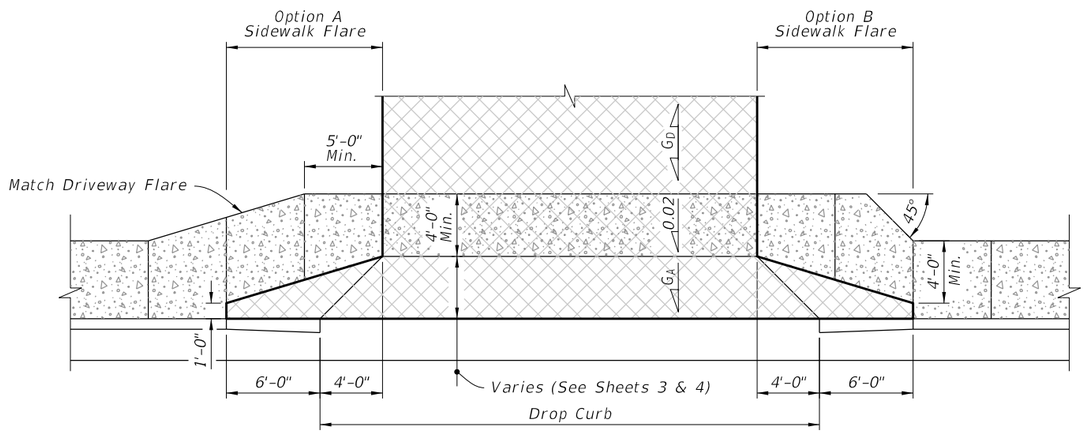


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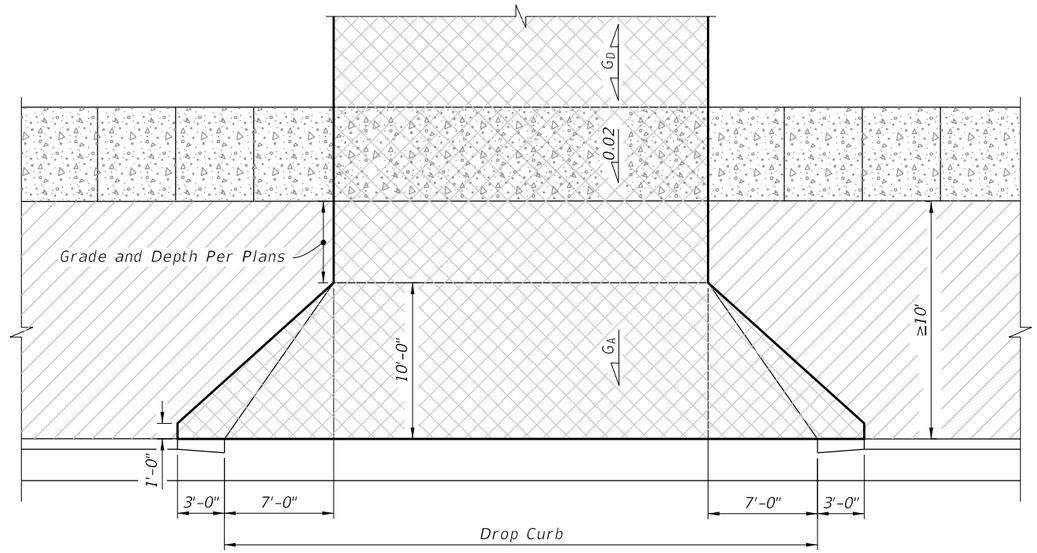
CONCRETE FLARED DRIVEWAY NOMENCLATURE

LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
11/01/18			FY 2026-27 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	522-003	1 of 4

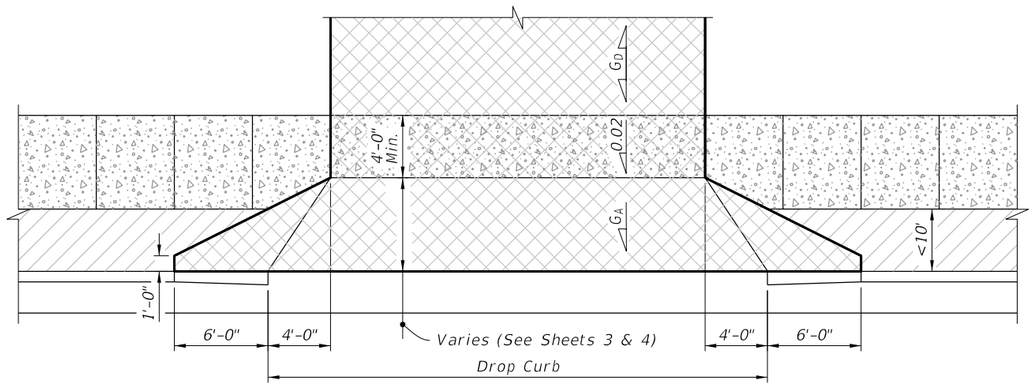
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SIDEWALK WITHOUT UTILITY STRIP



WITHOUT SIDEWALK OR UTILITY STRIP ≥ 10' WIDE



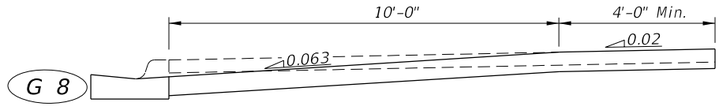
UTILITY STRIP < 10' WIDE

LEGEND:

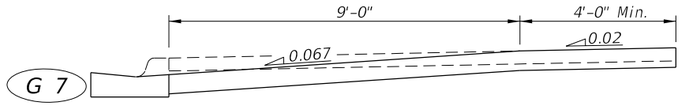
- Sidewalk
- Flared Driveway (6" Thick Concrete)
- Sidewalk Thru Driveway (6" Thick Concrete)
- Utility Strip

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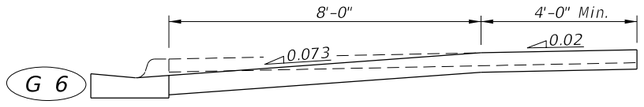
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11/01/18			FY 2026-27 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	522-003	2 of 4



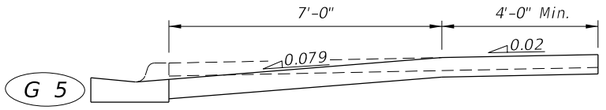
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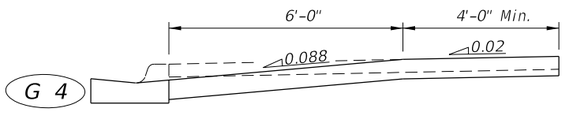
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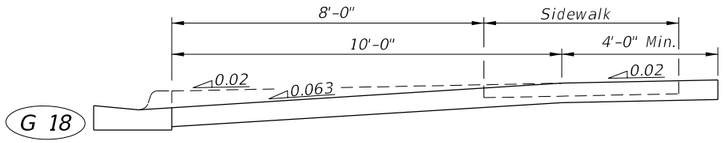
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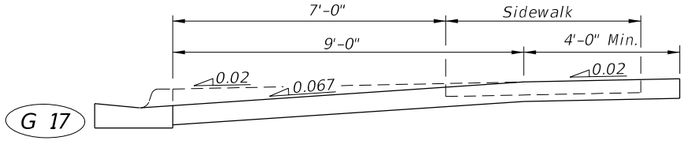
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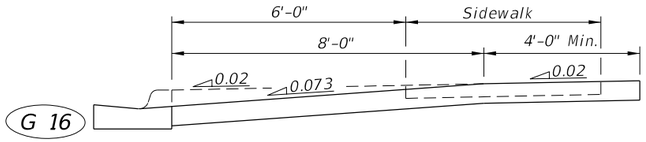
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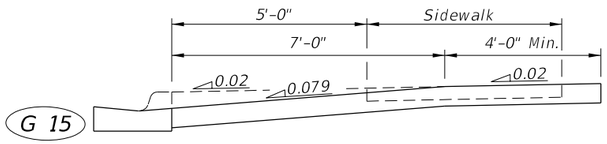
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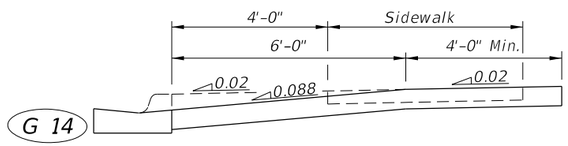
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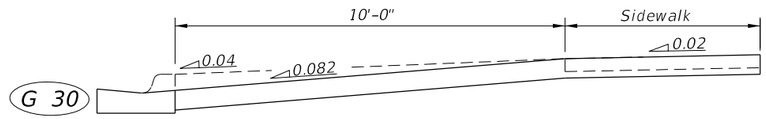
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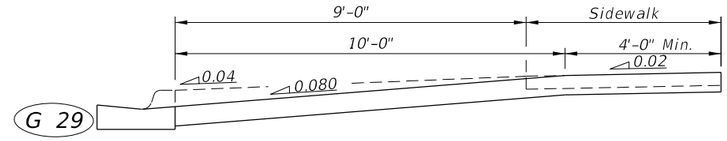
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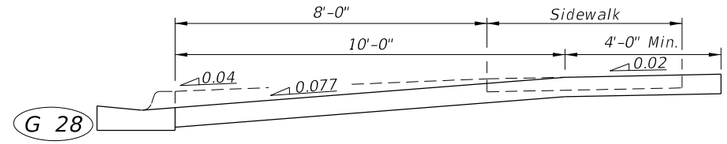
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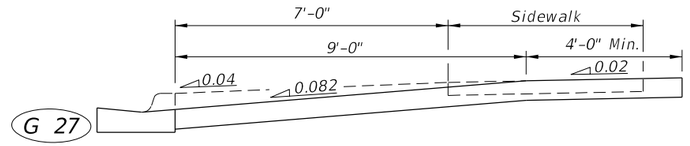
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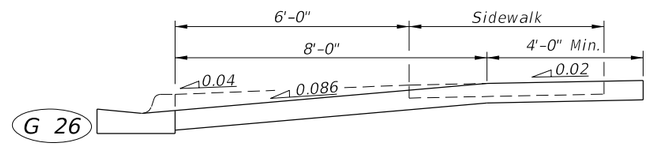
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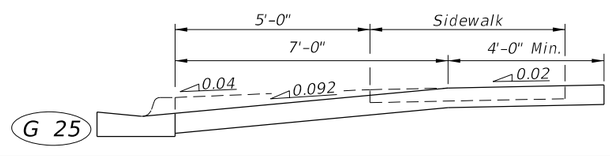
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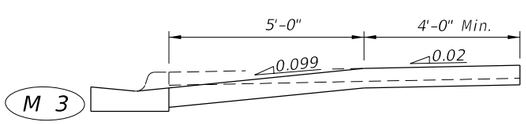
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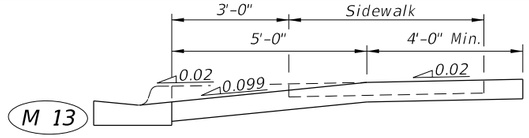
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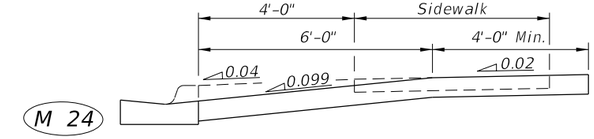
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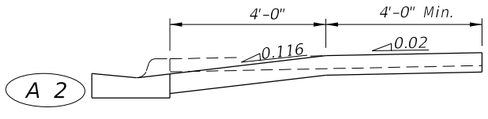
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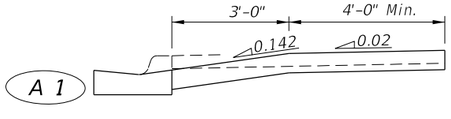
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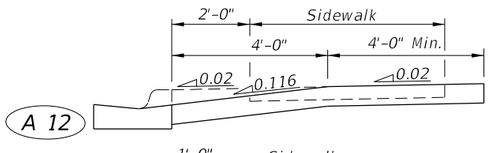
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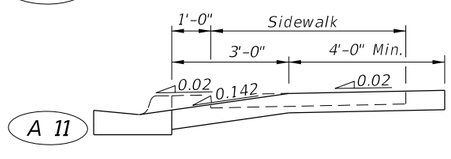
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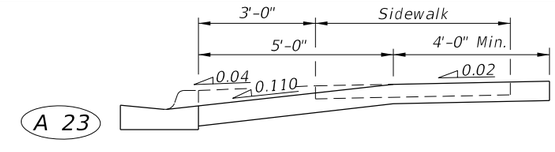
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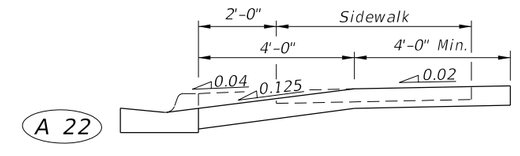
A 12



A 11



A 23



A 22

GENERAL APPLICATIONS

MARGINAL

ADVERSE

SIDEWALK WITHOUT UTILITY STRIP

SIDEWALK WITH UTILITY STRIP ON 0.02 SLOPE

SIDEWALK WITH UTILITY STRIP ON 0.04 SLOPE

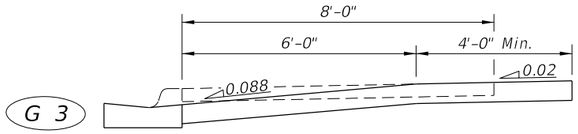
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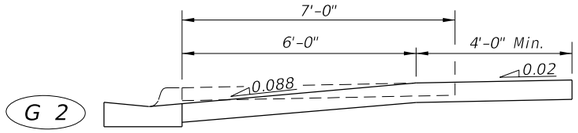
5' sidewalks shown.

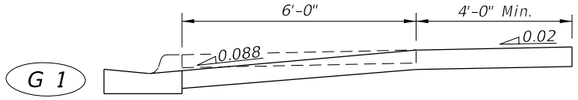
DRIVEWAY SECTIONS ON CURBED FACILITIES WITH SIDEWALKS

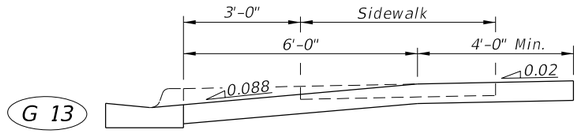
LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
11/01/18			FY 2026-27 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	522-003	3 of 4

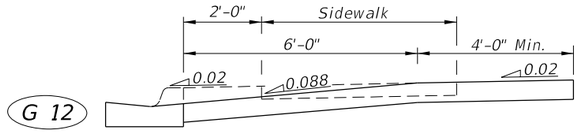
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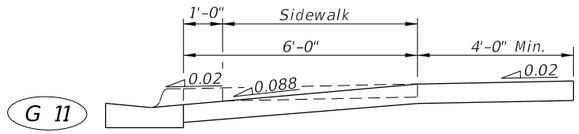


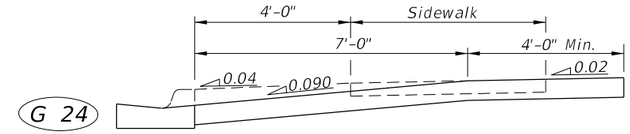


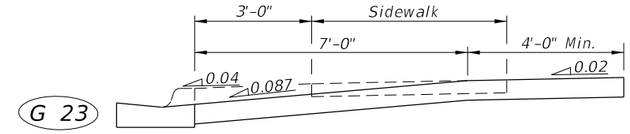


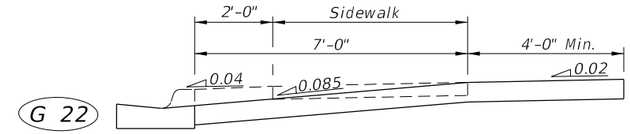




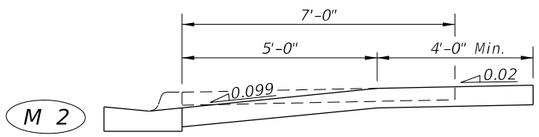


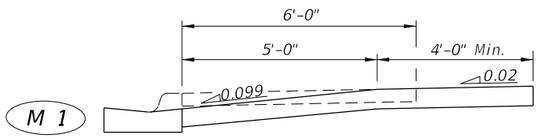


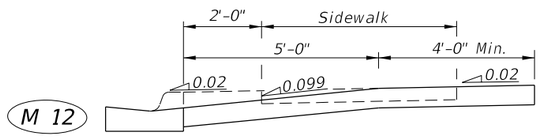


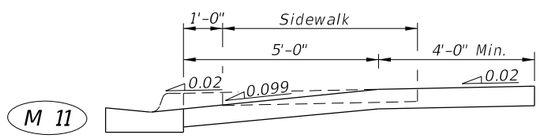


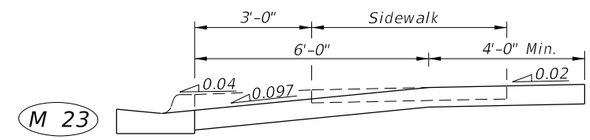
GENERAL APPLICATIONS

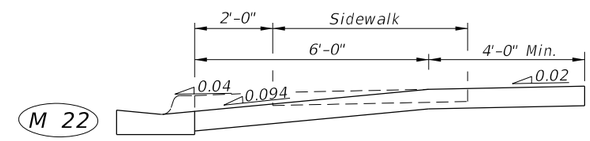












MARGINAL

SIDEWALK WITHOUT UTILITY STRIP

SIDEWALK WITH UTILITY STRIP ON 0.02 SLOPE

SIDEWALK WITH UTILITY STRIP ON 0.04 SLOPE

NOTE:

5' sidewalks shown.

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DRIVEWAY SECTIONS ON CURBED FACILITIES WITH SIDEWALKS

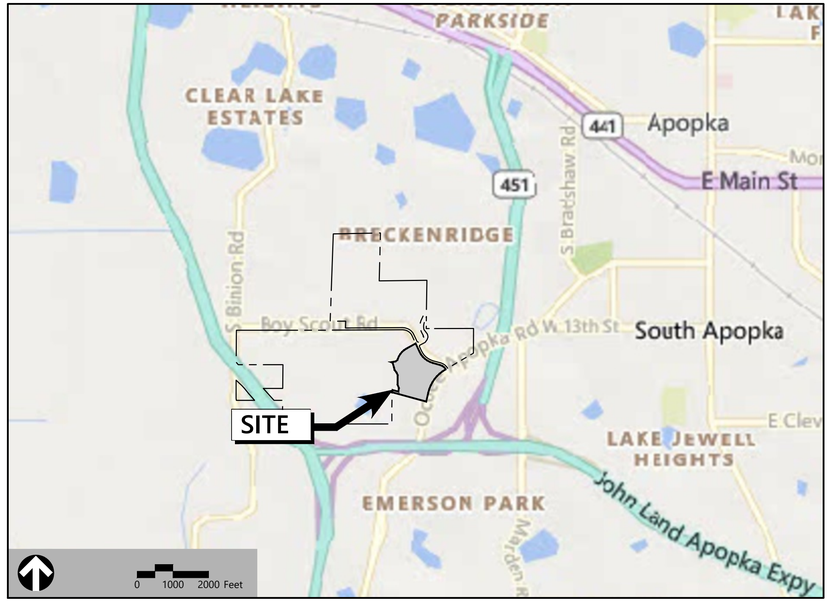
LAST REVISION	REVISION	DESCRIPTION:	FY 2026-27 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	INDEX	SHEET
11/01/18					522-003	4 of 4

Major Development Plan

Issued for	Major Development Plan Approval
Date Issued	February 20, 2026
Latest Issue	February 20, 2026

The Ridge PD - Parcel 3

City of Apopka, Florida
Parcel IDs: 17-21-28-7345-03-000



vhb.com

225 E. Robinson Street
Suite 300
Orlando, FL 32801
407.839.4006
Certificate of Authorization
Number FL #3932

Owner / Applicant
Craig Perry
Apopka Centerline Development LLC
1500 Cordova Road
Suite 203
Fort Lauderdale, Florida 33316

Sheet Index

No.	Drawing Title	Latest Issue
C-1.1	Existing Conditions Plan	March 05, 2026
C-2.0	Overall PD Site Plan	March 05, 2026
C-2.1	Master Site Plan & Site Data	March 05, 2026
C-3.0	Grading, Drainage & Utilities Plan	March 05, 2026
C-4.0	Typical Sections & Details	March 05, 2026
C-5.0	Fire Access Plan	March 05, 2026
C-6.0	Layout & Materials Plan	March 05, 2026

Reference Drawings

No.	Drawing Title	Latest Issue
L-1.0 - L-3.0	Landscape Plans	February 20, 2026
Shts. 1-6	Topographic, Underground Utility and Tree Survey	December 09, 2025
A6.11	Building Elevations	December 03, 2025

Civil Engineer
VHB
John Prowell
225 E. Robinson Street
Suite 300
Orlando, Florida 32801
P 407·839·4006 - F 407·839·4008

Surveyor
Allen & Company
Jim Rickman
16 E. Plant Street
Winter Garden, Florida 34787
P 407·654·5355

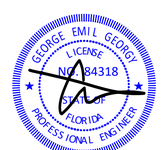
Geotech
Tierra, Inc
591 Susan B. Britt Court
Winter Garden, Florida 34787
P 407·877·1354 - F 407·654·7347

Environmental
Bio-Tech Consulting Inc.
Mark Ausley
3025 E. South Street
Orlando, Florida 32803
P 407·894·5969 - F 407·894·5970

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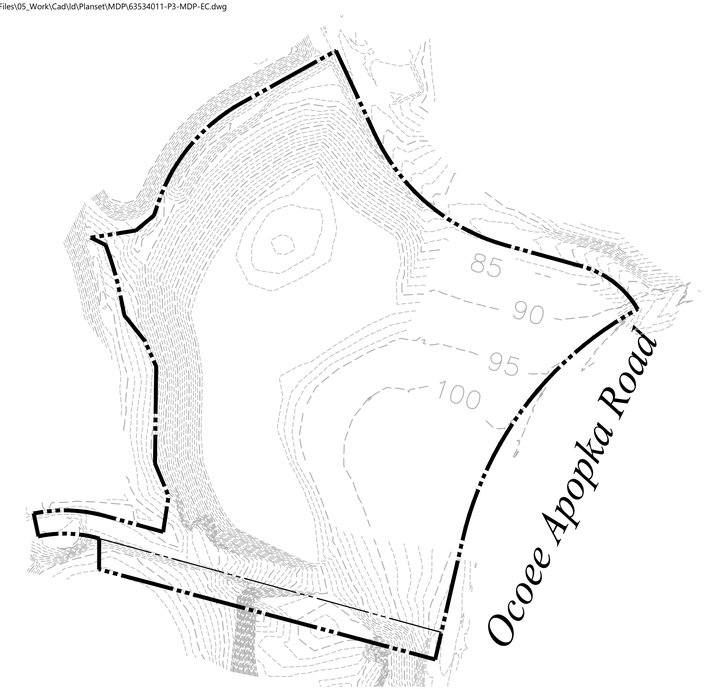
PRELIMINARY - NOT FOR CONSTRUCTION
THIS PRELIMINARY DEVELOPMENT PLAN IS SIGNED AND SEALED AS REQUIRED BY CITY OF APOPKA CODE SECTION 12.02.04.B. THESE PLANS ARE NOT FINAL CONSTRUCTION DOCUMENTS AND ARE NOT INTENDED FOR PERMIT, CONSTRUCTION, OR BIDDING PURPOSES.



George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

VHB Project : 63534.011
Issued for : Major Development Plan Approval

Saved Thursday, March 5, 2026 10:44:28 AM IFISHER Plotted Thursday, March 5, 2026 1:32:10 PM Jordan Fisher



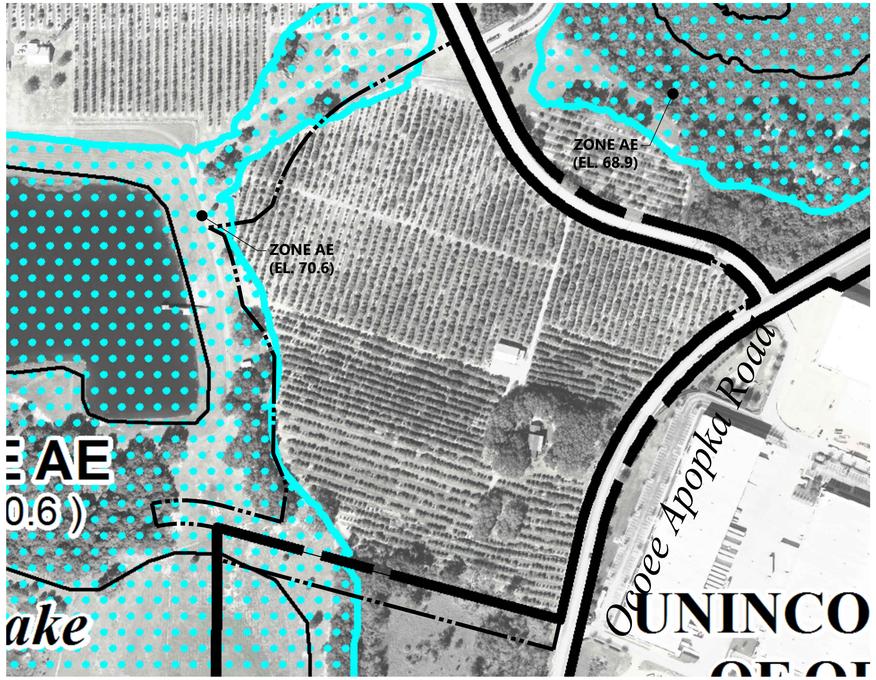
TOPOGRAPHY MAP

(NAVD 88)

CONTOUR SOURCE:
ONSITE: ALLEN & COMPANY, JAN. 2026
OFFSITE: ORANGE COUNTY GIS, 2014

LEGEND

- PROJECT BOUNDARY
- TOPOGRAPHIC CONTOUR



FLOODPLAIN MAP

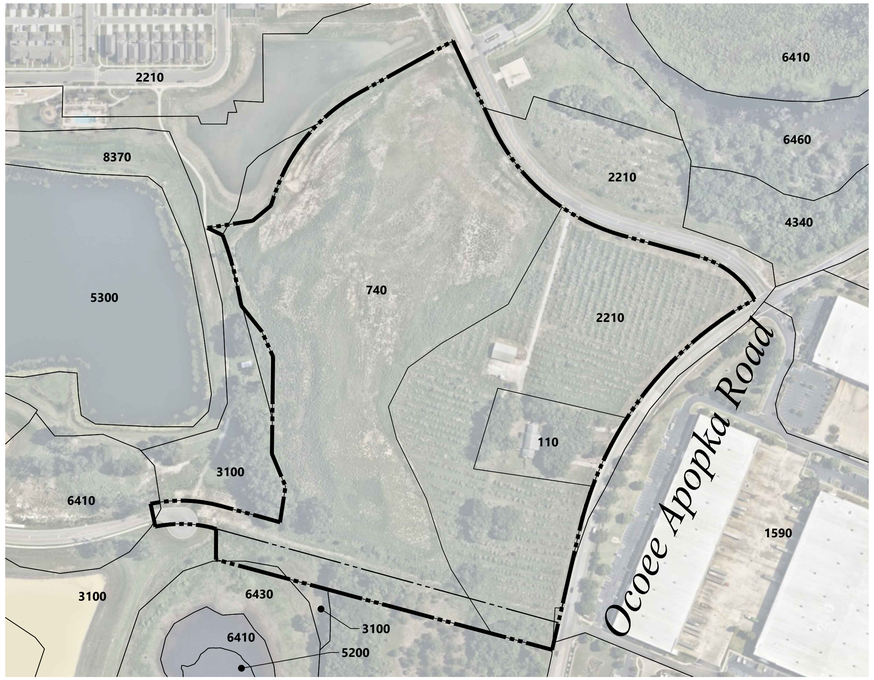
FEMA MAP SERVICE CENTER, FIRM PANEL 12095C0120H, DATED SEPTEMBER 24, 2021

LEGEND

- PROJECT BOUNDARY
- SPECIAL FLOOD HAZARD AREA

FIRM PANEL LEGEND

ZONE A	NO BASE FLOOD ELEVATIONS DETERMINED
ZONE AE	BASE FLOOD ELEVATIONS DETERMINED SPECIAL FLOOD HAZARD AREAS SUBJECT TO INNUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT
ZONE X	AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN



AERIAL & EXISTING LAND USE MAP

FLUCFCS SOURCE: SJRWMD, 2014
AERIAL SOURCE: NEAR MAP, 2026

LEGEND

- PROJECT BOUNDARY
- FLUCFCS LIMITS

CODE	DESCRIPTION
110	RESIDENTIAL, LOW DENSITY
740	DISTURBED LANDS
1590	INDUSTRIAL UNDER CONSTRUCTION
2210	CITRUS GROVES
3100	HERBACEOUS UPLAND NONFORESTED
4340	UPLAND MIXED CONIFEROUS/HARDWOOD
5200	LAKES
5300	RESERVOIRS - PITS, RETENTION PONDS, DAMS
6410	FRESHWATER MARSHES
6430	WET PRAIRIES
6460	MIXED SCRUB-SHRUB WETLAND
8370	SURFACE WATER COLLECTION BASINS



SOILS MAP

SOILS SOURCE: USDA, NRCS

LEGEND

- PROJECT BOUNDARY
- SOILS BOUNDARY

SOIL CODE	DESCRIPTION
3	BASINGER FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES
4	CANDLER FINE SAND, 0 TO 5 PERCENT SLOPES
5	CANDLER FINE SAND, 5 TO 12 PERCENT SLOPES
17	FLORIDANA MUCKY FINE SAND, FREQUENTLY PONDED, 0 TO 1 PERCENT SLOPES
21	LAKE FINE SAND, 0 TO 5 PERCENT SLOPES
28	FLORAHOME FINE SAND, 0 TO 5 PERCENT PERCENT SLOPES
33	PITS
47	TAVARES-MILLHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES
54	ZOLFO FINE SAND, 0 TO 2 PERCENT SLOPES
99	WATER

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225 E. Robinson Street
Suite 300
Orlando, FL 32801
407.839.4006
Certificate of Authorization
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0 100 200 400 Feet

The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by CJM — Checked by JRH

Issued for — Date

Major Development Plan Approval — March 05, 2026

Not Approved for Construction

Drawing Title

Existing Conditions Plan

This item has been digitally signed and sealed by George E. Georgy, P.E. on March 5, 2026 using a Digital Signature.

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Vertical Datum NAVD 1988

GEORGE EMIL GEORGY LICENSE No. 84318 STATE OF FLORIDA PROFESSIONAL ENGINEER

George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number **C-1.1**

Sheet of

Project Number **63534.011**

Saved Thursday, March 5, 2026 1:28:56 PM JFISHER Plotted Thursday, March 5, 2026 1:32:18 PM Jordan Fisher



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225 E. Robinson Street
Suite 300
Orlando, FL 32801
407.839.4006
Certificate of Authorization
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0 150 300 600 Feet

The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by CJM
Checked by JRH
Issued for
Major Development Plan Approval
Not Approved for Construction
Date March 05, 2026
Drawing Title
Overall PD Site Plan

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Vertical Datum NAVD 1988

GEORGE EMIL GEORGY LICENSE NO. 84318 STATE OF FLORIDA PROFESSIONAL ENGINEER

Drawing Number
C-2.0
Sheet of

DATE: Mar. 05, 2026
Project Number
63534.011

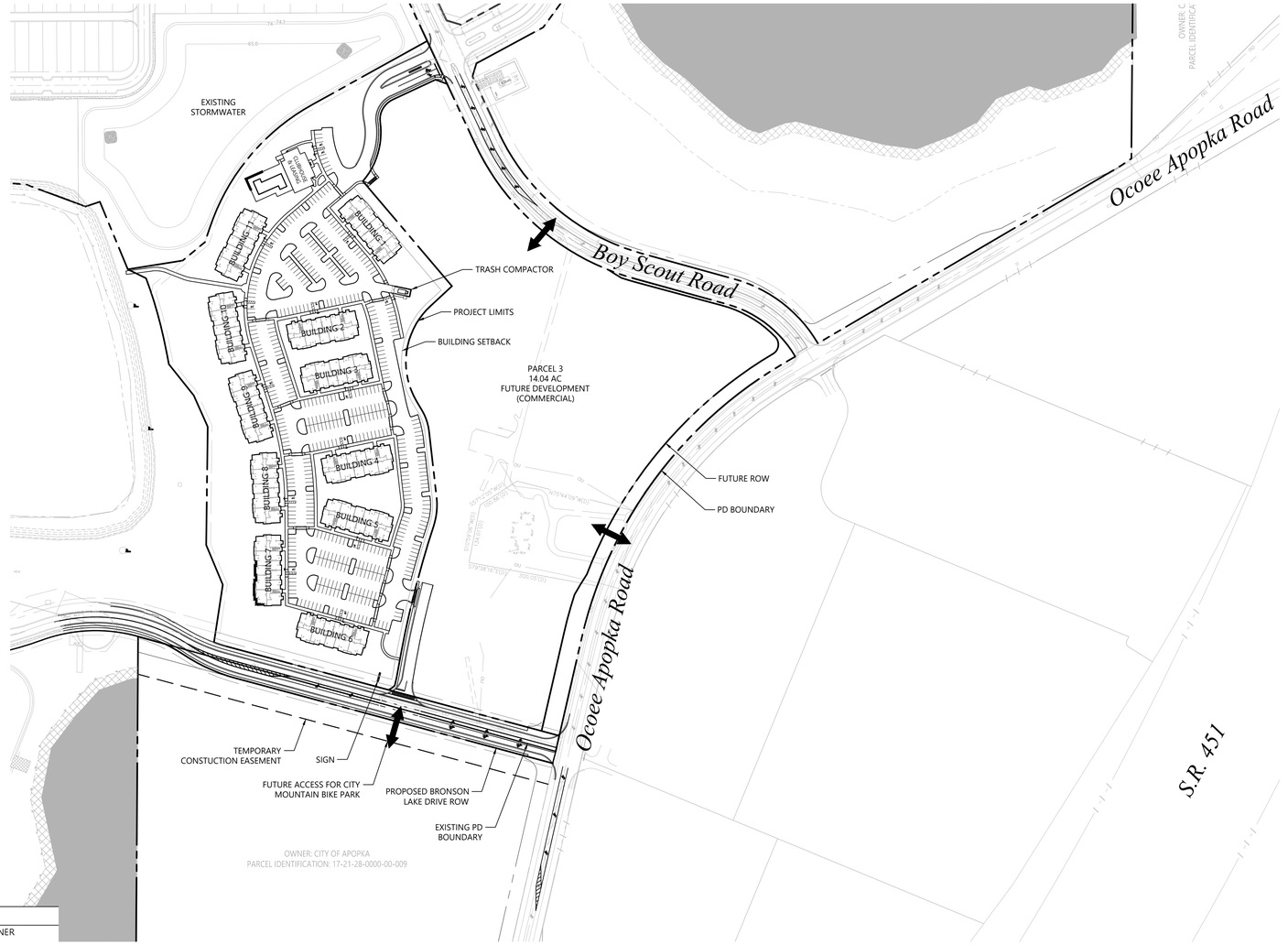
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GENERAL SITE DATA:

GENERAL:

ZONING		PD
PROPOSED MULTIFAMILY UNITS		363 DU
	1-BEDROOM	15 DU/BLDG
	2-BEDROOM	18 DU/BLDG
	NUMBER OF BUILDINGS	11
TOTAL PROJECT ACRES		30.49 Ac.
	MULTIFAMILY ACRES	14.37 Ac.
	FUTURE DEVELOPMENT (COMMERCIAL) ACRES	14.27 Ac.
	BRONSON LAKE DRIVE	0.91 Ac.
	FUTURE OCOEE APOPKA ROAD ROW	0.94 Ac.
TOTAL NET DEVELOPABLE ACRES		28.64 Ac.
NET DENSITY (RESIDENTIAL)		25.26 DU/AC.

DEVELOPMENT PLAN CHART		
PARCEL ID NUMBERS	17-21-28-7345-03-000	
FUTURE LAND USE	MU MIXED USE	
ZONING	PD	
ADJACENT FUTURE LAND USE	NORTH (CITY): COMM - COMMERCIAL, RL - RESIDENTIAL LOW	
	EAST (CITY): IND - INDUSTRIAL	
	SOUTH (CITY): R - RURAL	
	WEST (CITY): MIXED USE	
ADJACENT ZONING	NORTH (CITY): PD	
	EAST (CITY): I-L - LIGHT INDUSTRIAL	
	SOUTH (CITY): A-1 - CITRUS RURAL	
	WEST (CITY): PD	
BUILDING HEIGHT - MULTIFAMILY (PER PD):	PROPOSED: 3 STORIES	MAX: 5 STORIES/65'
MIN BLDG SETBACKS - MULTIFAMILY (PER PD):		
FRONT PRIMARY STRUCTURE	15'	
SIDE	10'	
CORNER PRIMARY	20'	
REAR PRIMARY	25'	
BUILDING SEPARATION	20'	
BUILDING HEIGHT - COMMERCIAL (PER PD):	PROPOSED: N/A	MAX: 50'
MIN BLDG SETBACKS - COMMERCIAL (PER PD):		
FRONT PRIMARY STRUCTURE	15'	
SIDE	10'	
CORNER PRIMARY	20'	
REAR PRIMARY	10'/30' (ADJACENT TO RESIDENTIAL)	
PARKING SPACES - MULTIFAMILY	PROVIDED: 507 (14 ACCESSIBLE)	
	REQUIRED: 433 (1 PER 1-BED DU, 1.35 PER >1-BED DU) (9 ACCESSIBLE)	
TOTAL OPEN SPACE - MULTIFAMILY	PROPOSED: 6.12 AC	REQ'D: 0.00 AC (per MDP)
TREE MITIGATION (SPECIMEN) - MULTIFAMILY	PROPOSED: 0.00 INCHES	REQ'D: 0.00 IN (per MDP)
WAIVER REQUEST	YES: NO: X	
VARIANCE REQUEST	YES: NO: X	



0 75 150 300 Feet

OWNERSHIP/MAINTENANCE:

ROADWAYS	PRIVATE:	TO BE OWNED AND MAINTAINED BY PROPERTY OWNER
LAKE BRONSON DRIVE	PUBLIC:	TO BE OWNED AND MAINTAINED BY THE CITY OF APOPKA
UTILITY EASEMENTS	PUBLIC:	TO BE DEDICATED TO THE CITY OF APOPKA
SANITARY SEWER, RECLAIMED WATER & POTABLE WATER SYSTEM	PRIVATE:	TO BE OWNED AND MAINTAINED BY PROPERTY OWNER
STORM SEWER SYSTEM	PRIVATE:	TO BE OWNED AND MAINTAINED BY PROPERTY OWNER
PARK TRACTS/OPEN SPACE/LANDSCAPE TRACTS	PRIVATE:	TO BE OWNED AND MAINTAINED BY PROPERTY OWNER

PHASING:

THIS PROJECT WILL BE DEVELOPED IN ONE (1) PHASE

MISCELLANEOUS:

POTABLE WATER SERVICE:	CITY OF APOPKA
WASTEWATER, RECLAIMED SERVICE:	CITY OF APOPKA
ELECTRIC SERVICE:	DUKE ENERGY
FIRE PROTECTION:	CITY OF APOPKA
AVERAGE DAILY TRAFFIC PER ITE 210 (10TH EDITION):	2,694

SIGNAGE:

SIGNAGE SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 5.10.9 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.

LIGHTING:

EXTERIOR LIGHTING SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 5.6 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.

GARBAGE PICKUP:

1) ONSITE COMPACTOR PROVIDED WITH PRIVATE PICKUP.
2) ANY MISCELLANEOUS GARBAGE, YARD WASTE, CONSTRUCTION DEBRIS, DEMOLITION DEBRIS, FERTILIZERS, HERBICIDES, INSECTICIDES, ETC., SHALL BE DISPOSED OF OFF-SITE ACCORDING TO THE SOLID WASTE AND HAZARDOUS WASTE REGULATIONS. USE CAUTION IF ANY HAZARDOUS WASTE IS PRESENT. CALL THE ORANGE COUNTY SOLID WASTE HOTLINE AT 407-836-6601 FOR INFORMATION.

FIRE:

1. FIRE HYDRANTS SHALL BE INSTALLED SO THAT THE DESIGN AND CALCULATIONS MEET THE REQUIREMENTS IN THE CITY OF APOPKA CODE OF ORDINANCES AND THE FLORIDA FIRE PREVENTION CODE 5th EDITION (2012).
2. FIRE ACCESS SHALL BE FROM THE FRONT OF THE PROPOSED DWELLING UNITS. ACCESS SHALL BE IN ACCORDANCE WITH CHAPTER 18 NFPA 1 & 101, 2021 EDITION, FFPC 5TH EDITION (2020).
3. ANY COMMERCIAL STRUCTURE OR RESIDENTIAL BUILDING OF THREE OR MORE STORIES MAY BE REQUIRED TO HAVE AN AUTOMATIC FIRE SPRINKLER PROTECTION DEPENDING UPON THE BUILDING CONSTRUCTION TYPE, OCCUPANCY CLASSIFICATION, AND ADDITIONAL BUILDING OR FIRE CODE REQUIREMENTS.

ARCHITECTURAL:

ARCHITECTURAL DESIGN SHALL MEET THE INTENT OF THE CITY OF APOPKA'S DEVELOPMENT DESIGN GUIDELINES.

LANDSCAPE:

1. LANDSCAPING AND BUFFER STANDARDS SHALL BE IN ACCORDANCE WITH THE PD WHERE APPLICABLE AND WITH TABLE 5.2.5.B.3.D-1: BUFFERYARD APPLICATION OF THE CITY OF APOPKA LAND DEVELOPMENT CODE. INTERIOR LANDSCAPE BUFFERS BETWEEN ABUTTING PROPERTY BOUNDARIES MAY HAVE A TEN (10) FOOT WIDE LANDSCAPE BUFFER. LANDSCAPING STANDARDS FOR RESIDENTIAL DEVELOPMENT SHALL ADHERE TO SECTION 5.2.2(B) OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.

Green Building Standards - Parcel 6		
Minimum Points Required	4	4.0 points required for Residential Development greater than 30 units.
Item	Points	Notes
Use central air conditioners that are Energy Star qualified	0.5	
Create a soil management plan for development site that promotes stormwater infiltration through improved organic matter content, reduced compaction levels, and increased infiltration capacity	0.5	The entire site is designed to drain to retention pond that will fully recover through infiltration.
Use vegetation or vegetated structures to shade HVAC units.	0.25	2 shrubs per A/C unit will be shown on the final landscape plans.
Provide a minimum of two electric vehicle (EV) level 2 charging stations that are made available in a parking structure or off-street parking lot to those using the building	0.5	
Elevate new and/or existing structures more than 3 feet above base flood elevation (BFE)	2	0.50 per foot above BFE (assume 4 ft conservative)
Install operable windows to allow for natural ventilation in the event of power failures	0.25	
Total Recommended Potential Points	4.0	

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Suite 300
Orlando, FL 32801
407.839.4006
Certificate of Authorization
Number FL #3932

PRELIMINARY - NOT FOR CONSTRUCTION
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The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by: CJM
Checked by: JRH
Issued for: Major Development Plan Approval
Not Approved for Construction
Date: March 05, 2026
Drawing Title: Master Site Plan & Site Data

This item has been digitally signed and sealed by George E. Georgy, P.E. on March 5, 2026 using a Digital Signature.

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Vertical Datum NAVD 1988

GEORGE EMIL GEORGY LICENSE NO. 84318 STATE OF FLORIDA PROFESSIONAL ENGINEER

George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number: C-2.1
Sheet of
Project Number: 63534.011

Saved Thursday, March 5, 2026 10:54:18 AM JFISHER Plotted Thursday, March 5, 2026 1:33:59 PM Jordan Fisher



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Number FL #3932

Legend

- PD BOUNDARY
- PROPOSED STORM DRAIN, CURB INLET, MANHOLE
- PROPOSED SANITARY SEWER & MANHOLE
- PROPOSED WATERMAIN & GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED RECLAIMED WATER & GATE VALVE

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0 40 80 160 Feet

The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Apprvd.

Designed by: CJM
Checked by: JRH

Issued for: Major Development Plan Approval
Not Approved for Construction
Date: March 05, 2026

Drawing Title
Grading, Drainage & Utilities

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Vertical Datum NAVD 1988

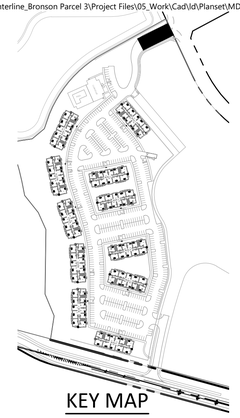
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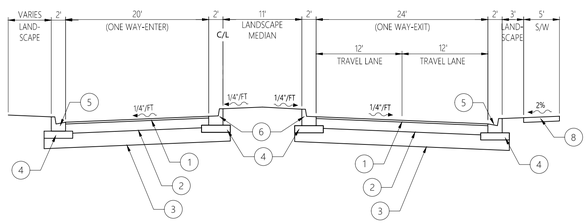
George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number: C-3.0
Sheet of

Project Number: 63534.011

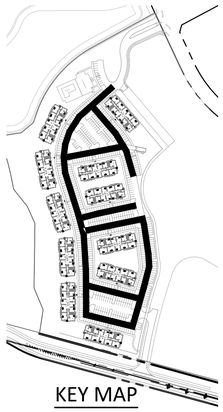
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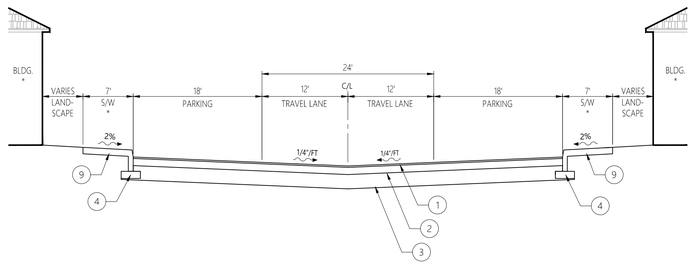




A - Typical Entrance Road Section

N.T.S.

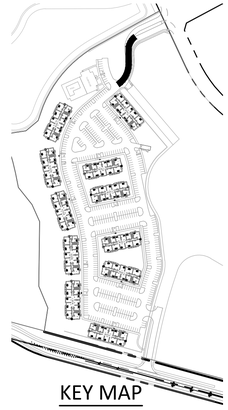


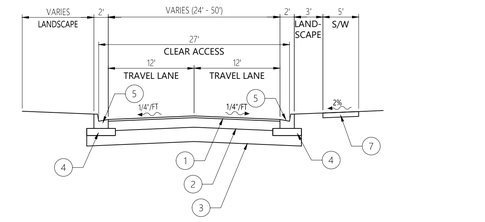


* SIDEWALK AND BUILDING OR LANDSCAPE. SEE PLANS FOR LOCATIONS.

C - Typical Pavement Section

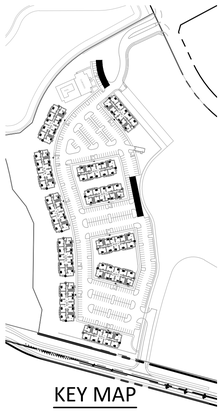
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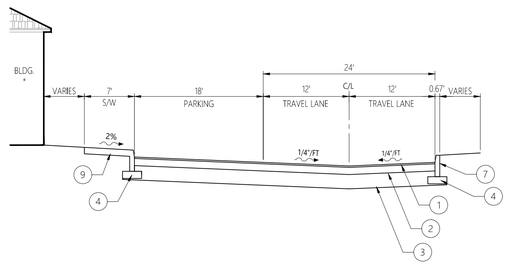




B - Typical Gated Entry Section

N.T.S.

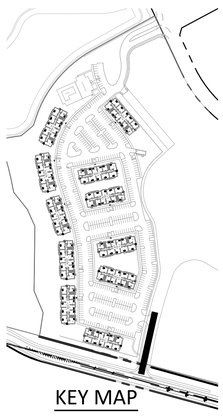


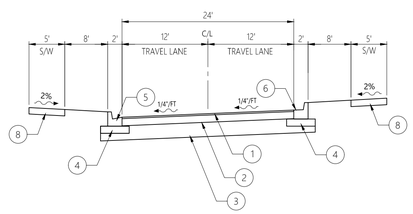


* SIDEWALK AND BUILDING OR LANDSCAPE. SEE PLANS FOR LOCATIONS.

D - Typical Pavement Section

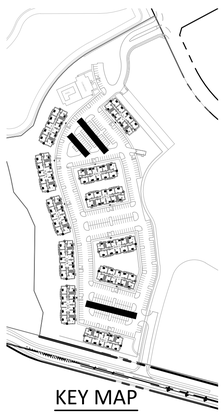
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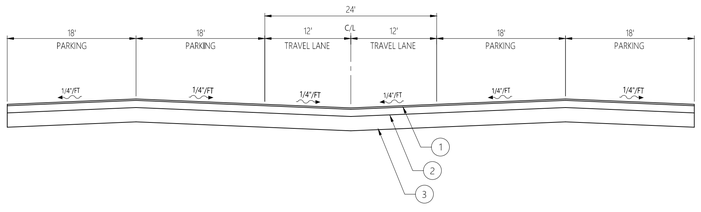




E - Typical Pavement Section

N.T.S.

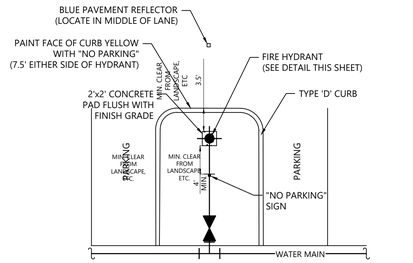




G - Typical Pavement Section

N.T.S.

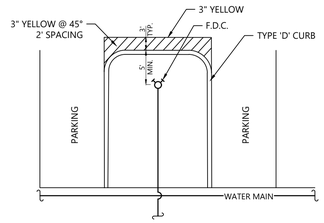




NOTE:
FIRE HYDRANTS SHALL BE INSTALLED ON FLAT STONES, CONCRETE SLABS OR OTHER AHJ APPROVED MATERIALS PER NFPA 24 (2016 EDITION) SUB-SECTION 7.3.1.

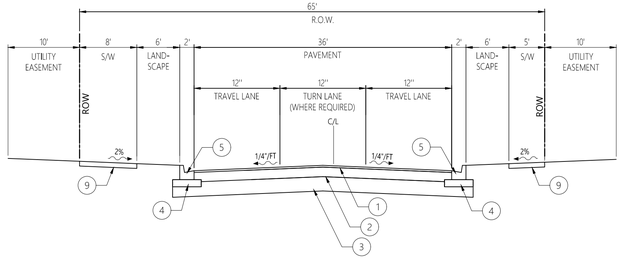
Typical Fire Hydrant Location Detail

N.T.S.



Typical Fire Connection Location Detail

N.T.S.



Bronson Lake Drive Typical Section

N.T.S.

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Certificate of Authorization
Number FL #3932

LEGEND:

1. ASPHALT
2. BASE
3. SUBGRADE
4. 6" (IN.) STABILIZED SUBGRADE IN CURB AREA TO EXTEND 12" (IN.) EACH SIDE TO 50 FBV
5. TYPE 'F' CONCRETE CURB
6. TYPE 'F' CONCRETE CURB-MODIFIED (SPILL-OUT)
7. TYPE 'D' MONOLITHIC CONC. CURB
8. 4" (IN.) CONCRETE SIDEWALK (3000 P.S.I.)
9. 4" (IN.) MONOLITHIC CONCRETE SIDEWALK (3000 P.S.I.)

* FINAL PAVEMENT SECTIONS WILL BE DETERMINED AT TIME OF CONSTRUCTION PLAN SUBMITTAL.

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The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by: CJM
Checked by: JRH
Issued for: Major Development Plan Approval; Not Approved for Construction
Date: March 05, 2026

Drawing Title
Typical Sections & Details

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Vertical Datum NAVD 1988

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George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number: C-4.0
Sheet of
Project Number: 63534.011

Saved Wednesday, March 4, 2026 4:22:14 PM JFISHER Plotted Thursday, March 5, 2026 1:32:41 PM Jordan Fisher

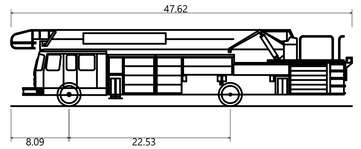




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Number FL #3932



Platform	
Overall Length	47.620ft
Overall Width	9.250ft
Overall Body Height	10.650ft
Min Body Ground Clearance	1.081ft
Track Width	9.250ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	41.750ft

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The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by CJM | Checked by JRH

Issued for **Major Development Plan Approval** | Date **March 05, 2026**

Not Approved for Construction

Drawing Title
Fire Access Plan

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George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number **C-5.0**

Sheet of

Project Number **63534.011**

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LEGEND

PD BOUNDARY

(10) PARKING COUNTS

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0 40 80 160 Feet

The Ridge PD
Parcel 3

Apopka, Florida

No.	Revision	Date	Appvd.

Designed by: CJM
Checked by: JRH
Issued for: Major Development Plan Approval
Not Approved for Construction
Date: March 05, 2026

Drawing Title

Overall Layout & Materials Plan

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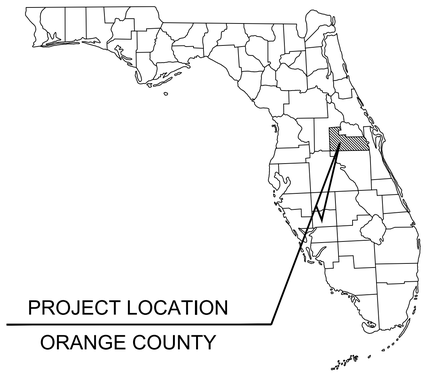
GEORGE EMIL GEORGY LICENSE NO. 84318 STATE OF FLORIDA PROFESSIONAL ENGINEER

George E. Georgy, P.E.
P.E. # 84318
DATE: Mar. 05, 2026

Drawing Number: C-6.0
Sheet of

Project Number: 63534.011

Saved Wednesday, March 4, 2026 5:05:24 PM JFISHER Plotted Thursday, March 5, 2026 1:32:37 PM Jordan Fisher



MAJOR DEVELOPMENT PLAN

FOR

WYLD OAKS C-STORE

LOCATED AT

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

PROJECT TEAM

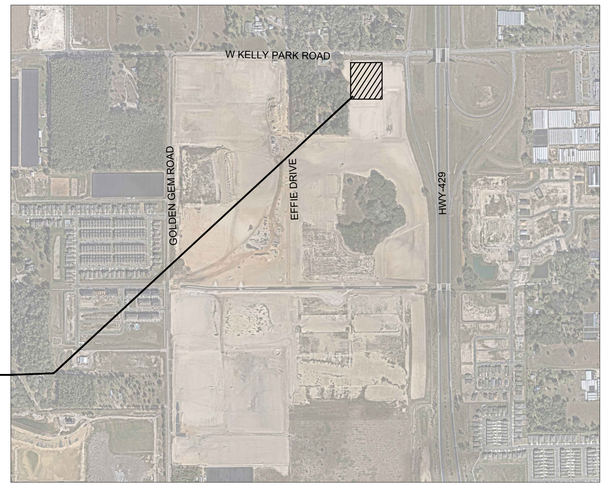
APPLICANT
M & R UNITED, INC.
402 HIGH POINT DRIVE, STE 101
COCOA, FL 32926
(321) 631-0245
CARMEL32927@GMAIL.COM

CIVIL ENGINEER
MACKENZIE CERJAN, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200
VERO BEACH, FL 32960
(772) 794-4132
MACKENZIE.CERJAN@KIMLEY-HORN.COM

ARCHITECT
ANDREW SISSON
CENTERLINE ARCHITECTURE AND DESIGN
1675 S JOHN RODES BLVD,
MELBOURNE, FL 32904
(716)969-3789
ASISSON@CENTERLINEAD.COM

LANDSCAPE ARCHITECT
ED LINQUIST, PLA
KIMLEY-HORN AND ASSOCIATES, INC.
200 SOUTH ORANGE AVENUE, SUITE 600
ORLANDO, FL 32801
(407) 789-2221
ED.LINQUIST@KIMLEY-HORN.COM

SURVEYOR
STEPHEN BRAY
GET TO THE POINT SURVEYING, LLC
34414 ALICANTE CT
SORRENTO, FL 32776
SBRAYGTTPSURVEY@GMAIL.COM



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-400	PAVING GRADING AND DRAINAGE PLAN
C-401	PAVING GRADING AND DRAINAGE DETAILS
C-402	PAVING GRADING AND DRAINAGE DETAILS
C-500	UTILITY PLAN
C-501	UTILITY DETAILS
C-502	UTILITY DETAILS
C-600	DELIVERY TRUCK MOVEMENT PLAN
C-601	FIRE TRUCK MOVEMENT PLAN
L-100	LANDSCAPE PLAN
L-101	LANDSCAPE DETAILS
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

PREPARED BY:
Kimley»Horn

PROJECT SCOPE:

THE PROPOSED DEVELOPMENT CONSISTS OF 1.24-ACRE COMMERCIAL SITE TO BE IMPROVED WITH A 6,300-SQUARE-FOOT MULTI-TENANT RETAIL/RESTAURANT BUILDING AND FUELING STATION CONTAINING 16 GAS PUMPS (8 DUAL-SIDED DISPENSERS). THE PROJECT WILL INCLUDE FULL SITE DEVELOPMENT AND IS INTENDED TO SUPPORT THREE TENANT SPACES, INCLUDING ONE CONVENIENCE STORE ANCHOR TENANT AND TWO SMALLER TENANTS.

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.

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
1	CITY MDP COMMENTS	01/14/26	TJL

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
3/13/2026

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE

KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

COVER SHEET

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-000

Plotted By:Barclay Grace Sheet Set:WYLD OAKS C-STORE Layout:C-000 COVER SHEET March 13, 2026 10:21:43am K:\VRB_LDE\247022000 - Wyld Oaks C-Store\CAD\PlanSheets\C-000 COVER SHEET.dwg
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Plotted By:Barkley, Grace, Sheet Set:WYLD OAKS C-STORE, Layout:C-100 GENERAL NOTES, March 13, 2026 10:21:53am, K:\VRB_LDEV\247022000 - Wyld Oaks C-Store\C3D\PlanSheets\C-100 GENERAL NOTES.dwg
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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 UTILTIES 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

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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
3/13/2026

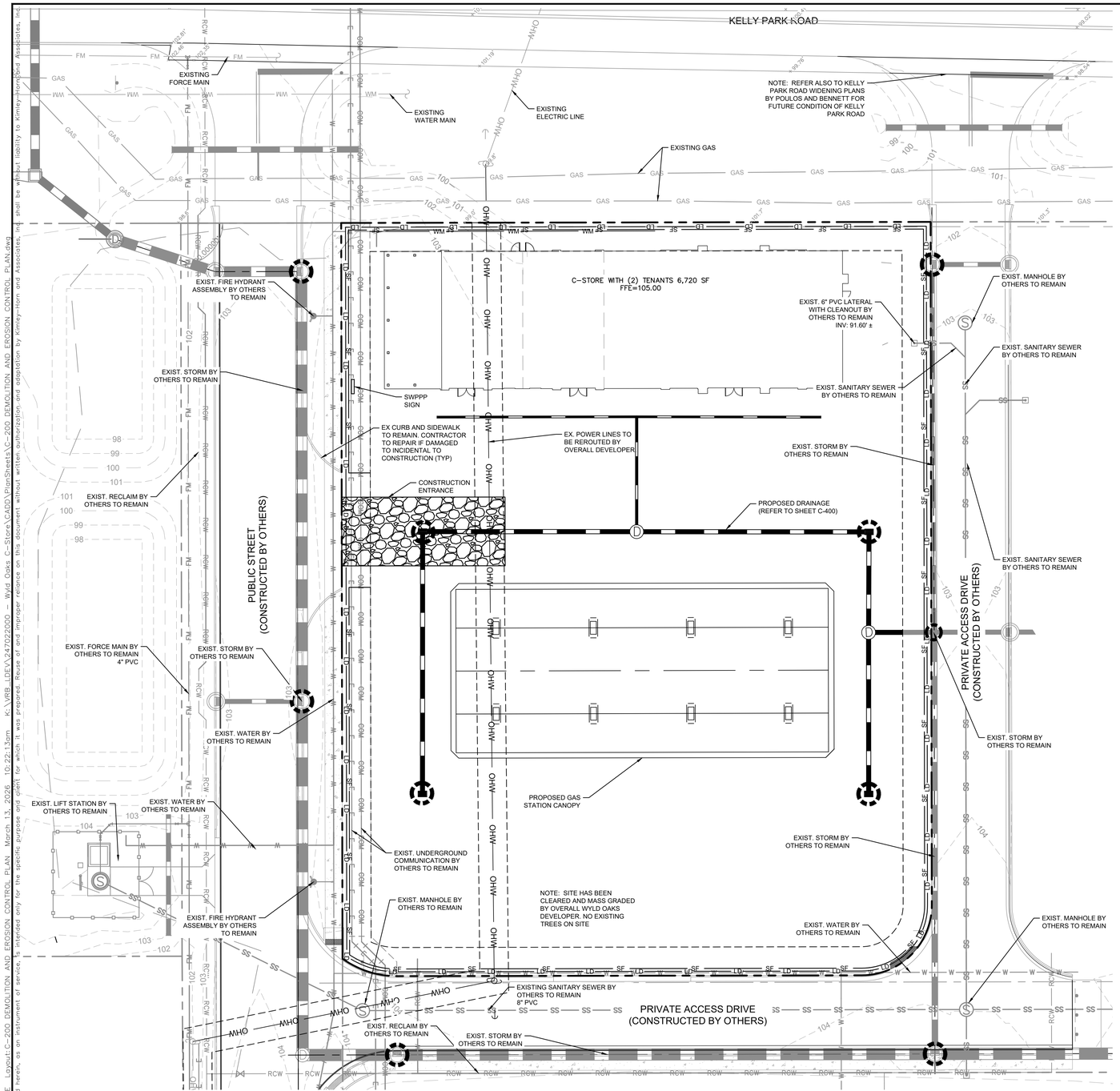
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MACKENZIE CERJAN ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

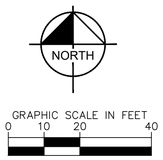
KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

GENERAL NOTES

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-100





LEGEND

- PROPERTY LINE
- WM — EXISTING WATERMAIN
- SS — EXISTING SANITARY SEWER
- EXISTING DRAINAGE
- LD — LD — LIMITS OF DISTURBANCE
- SF — SILT FENCE/TREE PROTECTION FENCE
- INLET PROTECTION
- CURB TO REMAIN
- CURB TO REMOVED

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	
TOTAL PROJECT AREA	1.24 AC
ON-SITE DISTURBED AREA	1.24 AC
OFF-SITE DISTURBED AREA	0.00 AC
TOTAL DISTURBED AREA	1.24 AC
IMPERVIOUS AREA AT COMPLETION	0.81 AC
PERVIOUS / SEEDED AREA AT COMPLETION	0.29AC

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 ENTRANCE (1) AND INSTALL SILT FENCE.
2. CONSTRUCT AND STABILIZE SEDIMENT BASIN AND DRAINAGE SWALES WITH APPROPRIATE OUTFALL STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL CONTROL DEVICES LISTED ABOVE).
3. INSTALL INLET PROTECTION AT EXISTING INLET(S).
4. INSTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES, CHECK DAMS, OUTLET TRAPS, RISER PIPE DISCHARGE POINT, ETC.)
5. 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:

6. ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
7. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
8. 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 CLEARED 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 ORANGE COUNTY 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.
14. EXISTING RETAIL BUILDING SHALL HAVE UNDISRUPTED ACCESS AT ALL TIMES. ALL PARKING SPACES AND DRIVE AISLES OUTSIDE OF THE LIMITS OF DISTURBANCE SHALL BE ACCESSIBLE AND SHIELDED FROM CONSTRUCTION ACTIVITIES AT ALL TIMES.

SURVEY NOTES:

1. INFORMATION ON THE PLAN BASED UPON ALTA/ASCM LAND TITLE SURVEY PREPARED BY GET TO THE POINT SURVEY, LLC., DATED JUNE 6, 2025.
2. 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).

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
3/13/2026

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 247022000
DATE 07/1/2025
SCALE AS SHOWN
DESIGNED BY AKR
DRAWN BY MCM
CHECKED BY MRC

DEMOLITION AND EROSION CONTROL PLAN

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-200

Plotted By:Barkley, Grace Sheet Set:WYLD OAKS C-STORE Layout:C-200 DEMOLITION AND EROSION CONTROL PLAN March 13, 2026 10:22:13am K:\VRB_LDEV\247022000 — Wyld Oaks C-Store\CAD\PlanSheets\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. shall be without liability to Kimley-Horn and Associates, Inc.

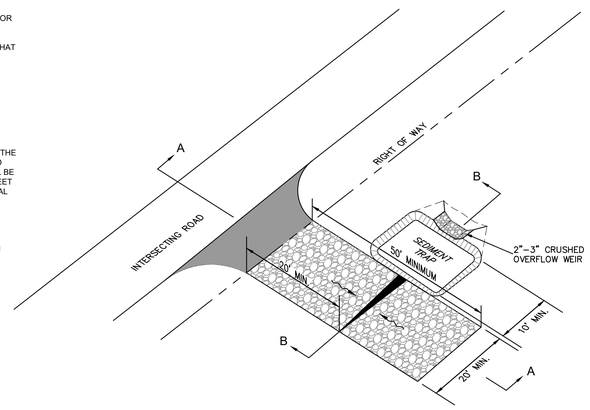
Section 1	Project Name and location information:	W KELLLY PARK ROAD BETWEEN EFFIE DRIVE AND HWY 429 APOPKA, FL 32712
Section 2	Describe the nature of the construction activity:	CONSTRUCTION OF INFRASTRUCTURE FOR CONVENIENCE STORE
Section 3	Describe the intended sequence of major soil disturbing activities:	CONSTRUCTION OF EROSION AND SEDIMENT CONTROLS, GRADING AND CONSTRUCTION OF STORM SEWER
Section 4	Total area of the site:	1.24 AC.
Section 5	Total area of the site to be disturbed:	1.24 AC.
Section 6	Existing data describing the soil or quality of any stormwater discharge from the site:	EXISTING SOILS INFORMATION CAN BE FOUND IN THE GEOTECHNICAL REPORT
Section 7	Estimate the drainage area size for each discharge point:	1.24 AC DISCHARGES TO MASTER STORMWATER SYSTEM
Section 8	Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	PROJECT LOCATION: LAT: 28°45'21.8" N LONG: 81°34'10.0" W RECEIVING WATER: BY DEVELOPER DRAINAGE SYSTEM
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 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. SILT DIKE TO BE INSTALLED OVER EXISTING PAVED DRIVEWAYS INTO THE SITE THAT ARE NOT IN USE. ALL DRIVEWAYS IN USE SHALL HAVE CONSTRUCTION EXIT INSTALLED.	
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 HAS BEEN INSTALLED. SITE SHALL BE SEEDED PER LANDSCAPE PLAN.	
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/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	

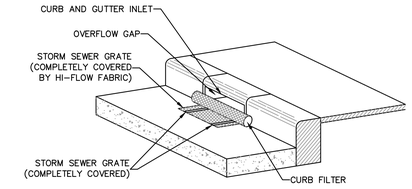
Section 14	Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:	All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. No materials will be buried on site.
Section 15	Offsite vehicle 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:	Port-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 pollutated runoff.
Section 19	Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure 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 manufactures' 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."	

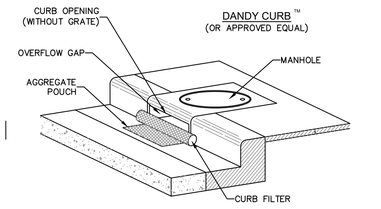
Section 22	Name	Title	Company Name, Address and Phone Number	Date

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 COUNTY 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.
19. FILTER FABRIC MUST BE INSTALLED UNTIL THE SITE IS STABLE.

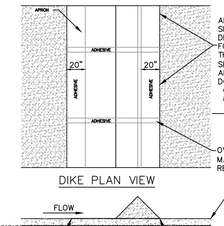




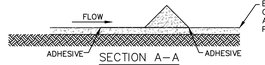


CURB INLET SEDIMENT CONTROL
N.T.S

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.

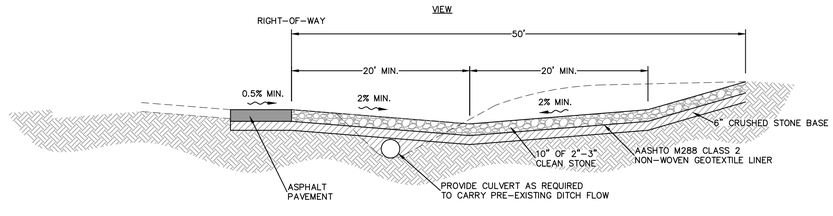


DIKE PLAN VIEW

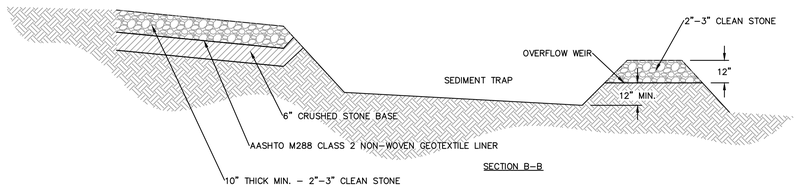


SECTION A–A

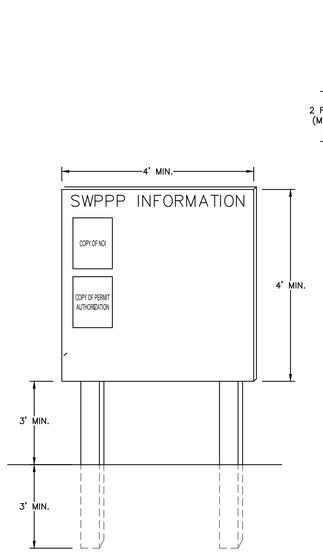
SILT DIKE ON EXISTING PAVEMENT
N.T.S



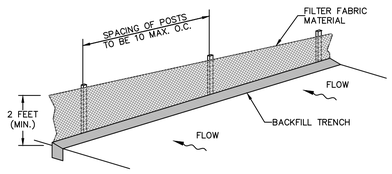
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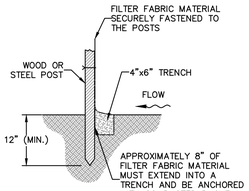


SECTION B–B



SWPPP INFORMATION SIGN
N.T.S

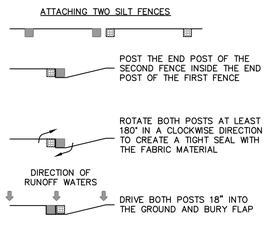




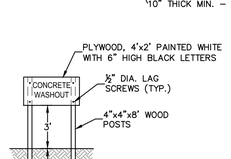
SILT FENCE INSTALLATION
N.T.S

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.

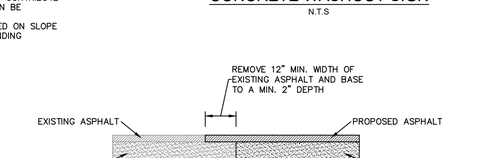
ATTACHING TWO SILT FENCES



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.

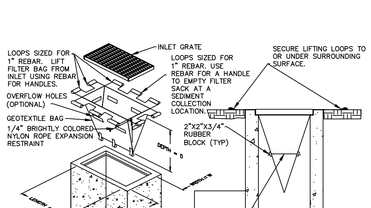


CONCRETE WASHOUT SIGN
N.T.S



SAW-CUT
N.T.S

CONSTRUCTION EXIT
N.T.S

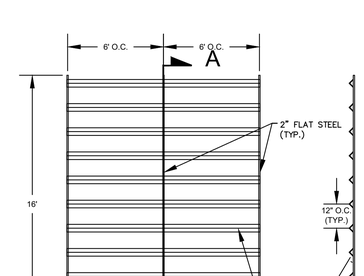


1. EMPTY FILTER SACK WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. GEOTEXTILE WILL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. AN OIL ADSORBENT PAD OR PILLOW CAN BE PURCHASED WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.
5. THE WIDTH, "W", OF THE FILTER SACK WILL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK WILL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L", OF THE FILTER SACK WILL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	15 %
PUNCTURE	ASTM D–4833	120 LBS
MULLEN BURST	ASTM D–3786	800 PSI
TRAPEZOID TEAR	ASTM D–4533	120 LBS
UV RESISTANCE	ASTM D–4355	70 %
APPARENT OPENING SIZE	ASTM D–4751	40 US SIEVE
FLOW RATE	ASTM D–4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	0.55 SEC –1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	20 %
PUNCTURE	ASTM D–4833	165 LBS
MULLEN BURST	ASTM D–3786	430 PSI
TRAPEZOID TEAR	ASTM D–4533	40 LBS
UV RESISTANCE	ASTM D–4355	70 %
APPARENT OPENING SIZE	ASTM D–4751	30 US SIEVE
FLOW RATE	ASTM D–4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	1.5 SEC –1

FILTER SACKS (GRATED INLETS)
DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.



RUMBLE PAD
N.T.S

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PHONE: 772–794–4100
WWW.KIMLEY–HORN.COM REGISTRY NO. 35106

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/13/2026

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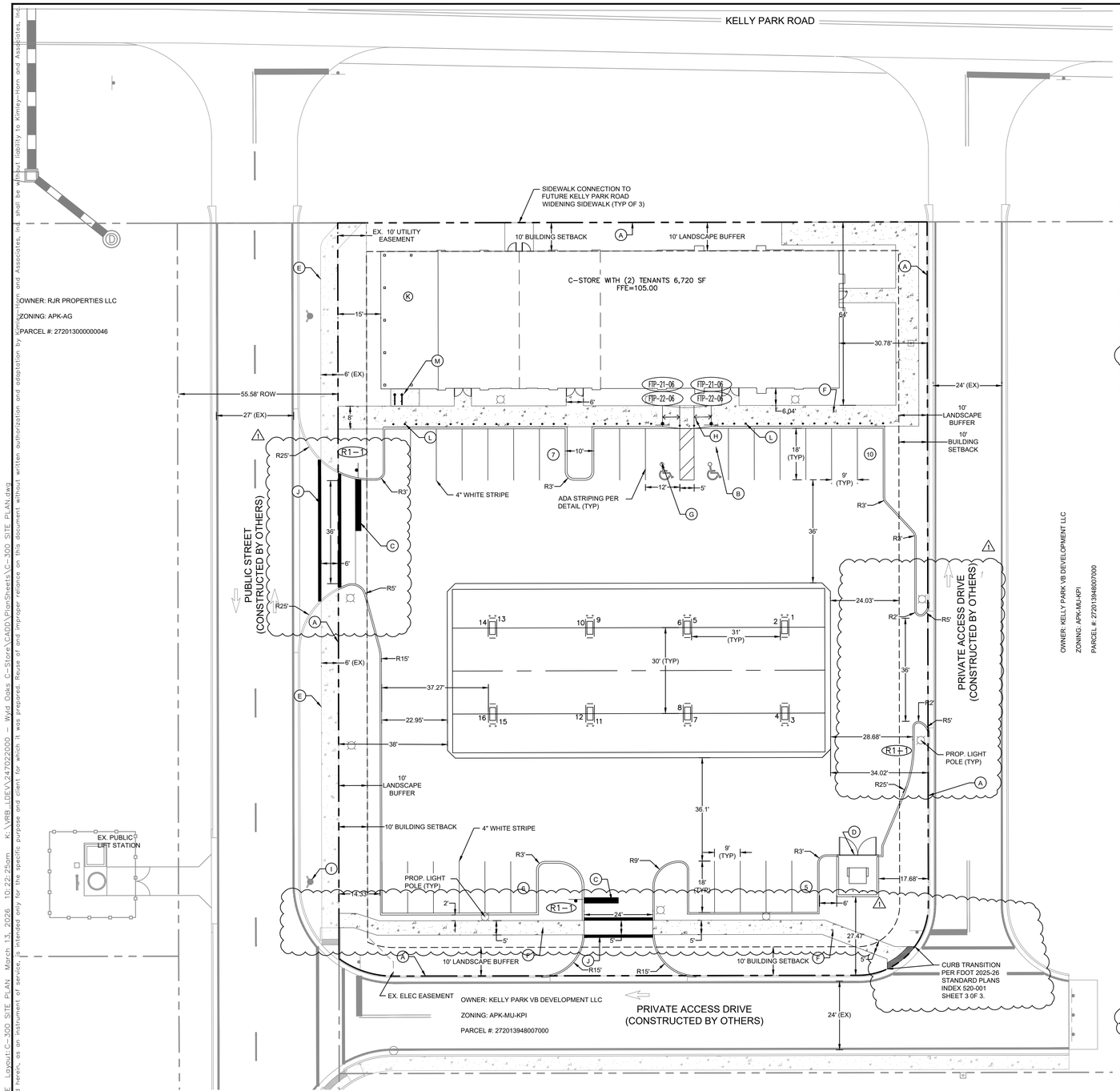
KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

EROSION CONTROL DETAILS

SHEET NUMBER
C-250

Plotted By: Barkley, Grace Sheet Set: WYLD OAKS C-STORE Layout: C-250 EROSION CONTROL DETAILS March 13, 2026 10:23:20am K:\VRB_LOE\247022000 — Wyld Oaks C-Store\CAD\PlanSheets\C-250 EROSION CONTROL DETAILS.dwg
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NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

LEGEND

- (A) PROPERTY LINE
- (B) ACCESSIBLE PARKING SPACE AND SIGN (TYP OF 2) (REFER TO DETAIL, SHEET C-450)
- (C) 24" PAINTED STOP BAR WITH STOP SIGN
- (D) DUMPSTER (ENCLOSURE BY ARCHITECT)
- (E) EXISTING SIDEWALK
- (F) CONCRETE SIDEWALK (REFER TO DETAIL, SHEET C-450)
- (G) ACCESSIBLE PAVEMENT MARKING (TYP.)
- (H) ACCESSIBLE CURB RAMP. SEE DETAIL SHEET C-450
- (I) EXISTING FIRE HYDRANT
- (J) RAISED CROSSWALK STRIPE PER FDOT INDEX #711-001 ⚠1
- (K) OUTDOOR SEATING AREA (REFER TO ARCH. PLANS)
- (L) BOLLARDS (TYP)
- (M) BIKE RACK (REFER TO DETAIL, SHEET C-450)

SITE DATA

PROJECT DESCRIPTION:	CONSTRUCTION OF C-STORE
PARCEL ID:	13-20-27-9480-07-000
LOCATION:	SECTION 13, TOWNSHIP 20, RANGE 27E
ADDRESS:	W KELLY PARK ROAD BETWEEN EFFIE DRIVE AND HWY 429 APOPKA, FL 32712. PORTION OF LOT 7 OF WYLD OAKS PLAT ORB116 PG116-119
ZONING DISTRICT:	KPI-MU (MIXED USE/INTERCHANGE DISTRICT)
LAND USE:	COMMERCIAL
FLOOD ZONE:	ZONE X, AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12095C0050H, EFFECTIVE DATE 9/24/2021

	REQUIRED	PROVIDED
MAX. BUILDING HEIGHT	2 STORIES MAX.	25'-4" (1 STORY)

PROPERTY AREA:	53,973 S.F. (1.24 AC.)
FLOOR AREA RATIO:	6,300 S.F. /53,973 S.F.= 0.12

SITE COVERAGE:	PROVIDED		
SITE AREA:	53,973 S.F.	(1.24 AC)	100.0%
BUILDING AREA:	6,300 S.F.	(0.15 AC)	11.67%
IMPERVIOUS AREA:	36,701.86 S.F.	(0.84 AC)	68.04%
PERVIOUS AREA (15% MIN.):	10,971.14 S.F.	(0.25 AC)	20.29%

BUILDING SETBACKS:	REQUIRED	PROVIDED
FRONT	10'	10'
REAR	10'	10'
SIDE	10'	10'

BUFFER	REQUIRED	PROVIDED
FRONT	10'	10'
REAR	10'	10'
SIDE	10'	10'

PARKING SUMMARY:	REQUIRED	PROVIDED
STANDARD	23	26
*ACCESSIBLE	2	2
FUELING POSITIONS		16
TOTAL		44

* 2 SPACES REQUIRED BASED ON TOTAL PROVIDED PARKING PER ADA CODE

PARKING CALCULATION:
(3.5 SPACES/1,000 SF) * 6,300 SF = 23 STALLS

SIGN LEGEND

- PARKING BY DISABLED PERMIT ONLY — FTP-21-06 — ACCESSIBLE PARKING
- $ 250 FINE F.S. 316.19 — FTP-22-06 — ACCESSIBLE PENALTY
- STOP — R1-1 — STOP SIGN

SYMBOL LEGEND

- ACCESSIBLE PARKING SPACE
- (#) PARKING STALL COUNT - DO NOT PAINT
- (T) TRANSFORMER PAD
- PROPERTY LINE
- ⚠1

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 LANDSCAPE ISLAND RADII ARE TO BE 10' OUTSIDE ADJACENT TO MAIN DRIVE AISLE AND 3' INSIDE RADII ADJACENT TO PARKING SPACE UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
6. ACCESS, DRAINAGE, AND UTILITY EASEMENT TO BR GRANTED OVER PRIVATE ACCESS DRIVES BY ADJACENT DEVELOPMENT.

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No.	REVISIONS	DATE	BY
1	CITY MDP COMMENTS	01/14/26	TJL

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WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

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MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/13/2026

KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

SITE PLAN

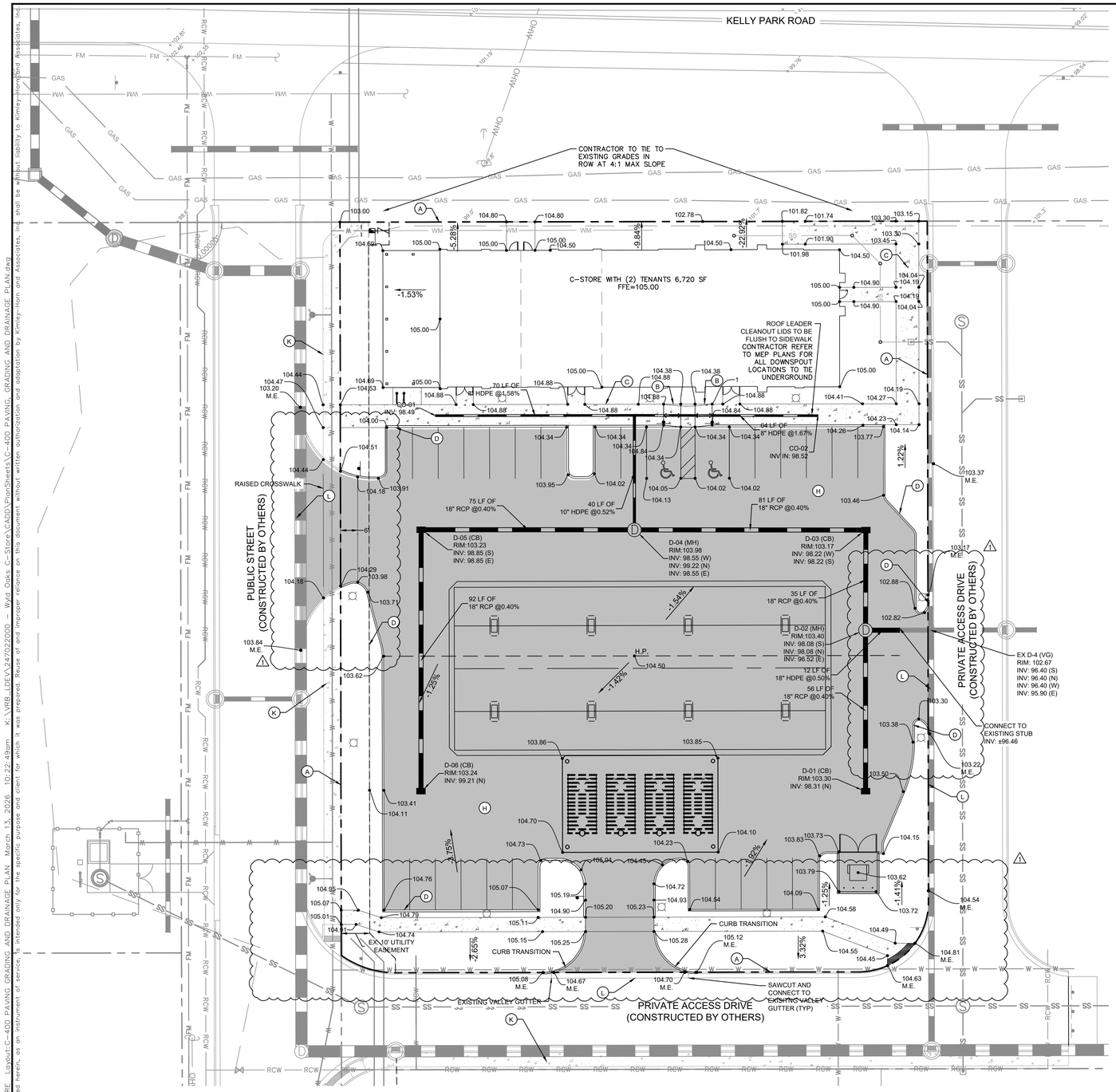
WYLD OAKS C-STORE

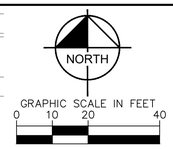
PREPARED FOR
M & R UNITED, INC.

APOPKA FL

SHEET NUMBER
C-300

Plotted By:Barkley, Grace Sheet Set:WYLD OAKS C-STORE Layout:C-300 SITE PLAN March 13, 2026 09:22:25am K:\VRB_LDEV\247022000 - Wyld Oaks C-Store\CAD\PlanSheets\C-300 SITE PLAN.dwg
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LEGEND

- (A) PROPERTY LINE
- (B) ACCESSIBLE RAMP (SEE DETAIL SHEET C-401)
- (C) STANDARD CONCRETE SIDEWALK (SEE DETAIL SHEET C-401)
- (D) FDOT TYPE "D" CURB (SEE DETAIL SHEET C-401)
- (E) EXISTING CURB AND GUTTER
- (F) EXISTING VALLEY GUTTER
- (H) HEAVY DUTY CONCRETE (SEE DETAIL SHEET C-401)
- (K) EXISTING SIDEWALK
- (L) TIE INTO EXISTING VALLEY GUTTER. CONTRACTOR TO REPLACE VALLEY GUTTER IF DAMAGED DURING CONSTRUCTION.

LEGEND

- XX.XX — PROPOSED GRADE (NAVD) EDGE OF PAVEMENT
- XX.XX — PROPOSED GRADE (NAVD) TOP OF CURB/SIDEWALK GRADE
- ±9.37 — EXISTING GRADES (SEE NOTE 6)
- H.P. — HIGH POINT
- CB — CATCH BASIN
- VG — VALLEY GUTTER INLET
- EX — DENOTES EXISTING FEATURE
- MH — STORM MANHOLE
- SD — STORM DRAIN (SEE NOTE 9)
- (H) — HEAVY DUTY CONCRETE PAVEMENT
- (C) — STANDARD CONCRETE SIDEWALK

NOTES:

1. CONTRACTOR TO VERIFY ALL EXISTING UTILITY RINGS AND COVERS ON SITE ARE HEAVY DUTY TRAFFIC RATED. CONTRACTOR TO REPLACE DEFICIENT RINGS AND COVERS WITH HEAVY DUTY TRAFFIC RATED RINGS AND COVERS. CONTRACTOR TO ADJUST RIM ELEVATIONS OF ANY UTILITIES THAT CHANGE IN ELEVATION DURING CONSTRUCTION. ALL EXISTING COVERS TO REMAIN SHALL BE ADJUSTED TO FINAL GRADE.
2. ALL CLEANOUT COVERS SHOULD BE RATED FOR HEAVY DUTY TRAFFIC.
3. ALL EXISTING PAVEMENT AND CONCRETE TO BE JOINED SHALL BE SAWCUT.
4. SIDEWALKS AND CROSSWALKS SHALL NOT EXCEED 2% CROSS SLOPE NOR 5% LONGITUDINALLY. GRADES IN ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. IN CASES OF SIDEWALK LANDINGS AT BUILDING ENTRANCES, GRADES SHALL NOT EXCEED 2% IN ANY DIRECTION. ACCESSIBLE CURB RAMPS SHALL NOT EXCEED 6' IN LENGTH AND 1:12 SLOPE. LANDINGS AT CHANGES IN DIRECTION SHALL BE MINIMUM 60"x60" AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
5. SPOT ELEVATIONS ARE AT FACE OF CURB UNLESS OTHERWISE NOTED.
6. INFORMATION ON THE PLAN BASED UPON ALTA/ASCM LAND TITLE SURVEY PREPARED BY GET TO THE POINT SURVEY, LLC., DATED JUNE 8, 2025.

   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).
7. FLOOD ZONE: X, AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12095C0050H, EFFECTIVE DATE 9/24/2021.
8. ROOF DRAIN CONNECTIONS TO DRAINAGE PIPE SHALL BE AS FOLLOWS:
   A. FOR ADS N-12 CORRUGATED POLYETHYLENE DRAINAGE PIPE USE ADS DUAL WALL FABRICATED REDUCING SADDLE TEE 4"-24" DIAMETER.
   B. FOR SD DRAINAGE PIPE MAKE CONNECTION PER FDOT INDEX 280,CONCRETE COLLAR FOR JOINING MAINLINE PIPE AND STUB PIPE DETAIL
   C. NOTIFY CONSULTANT FOR CONNECTION METHOD TO STEEL PIPE.
9. STORM DRAIN PIPE SHALL BE AS FOLLOWS:
   A. SD CLASS III PER ASTM C-76
   B. ALUMINIZED STEEL TYPE 2 ULTRA FLO
      - 45"Ø AND SMALLER SHALL BE 3/4"x3/4"x7-1/2" CORRUGATION 16 GA WITH A MINIMUM THICKNESS OF 0.064"
      - 54"Ø AND LARGER SHALL BE 3/4"x3/4"x7-1/2" CORRUGATION 14 GA WITH A MINIMUM THICKNESS OF 0.079"
   C. CORRUGATED POLYETHYLENE PIPE PER AASHTO M294 JOINTS SHALL BE WATER TIGHT
   D. ANY STORM PIPE USED MUST BE APPROVED BY LOCAL AUTHORITIES. CONTRACTOR SHALL SELECT THE MOST ECONOMICAL PRODUCT
10. HEAVY DUTY CONCRETE PAVEMENT MAY BE EXCHANGED FOR HEAVY DUTY ASPHALT IN PARKING AND DRIVEWAYS AT DEVELOPER'S DISCRETION. SEE PAVEMENT SECTION, SHEET C-451.

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3/13/2026

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KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

PAVING GRADING AND DRAINAGE PLAN

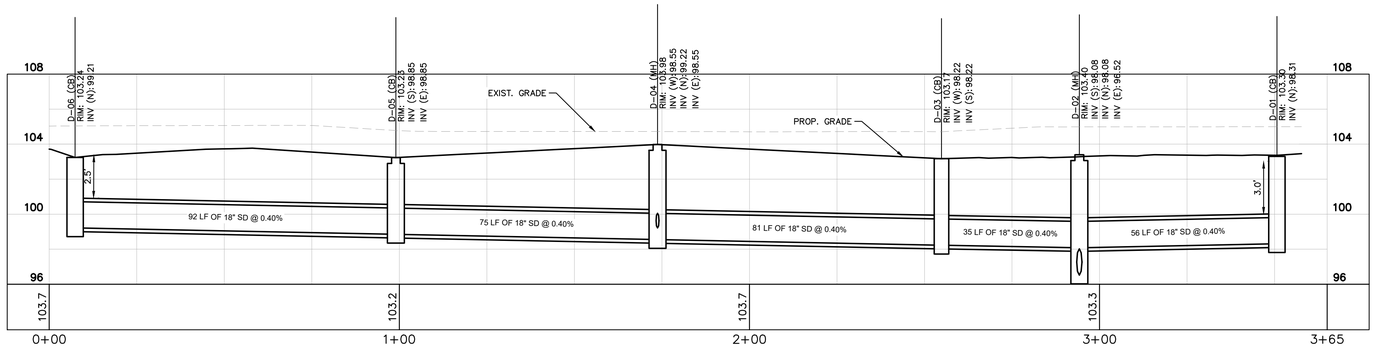
WYLD OAKS C-STORE

PREPARED FOR
M & R UNITED, INC.

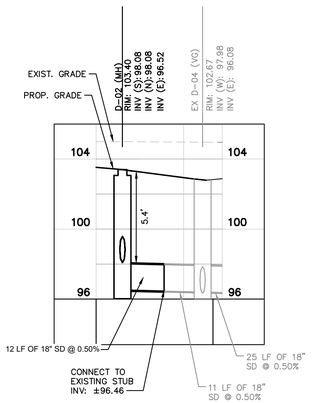
APOPKA FL

SHEET NUMBER
C-400

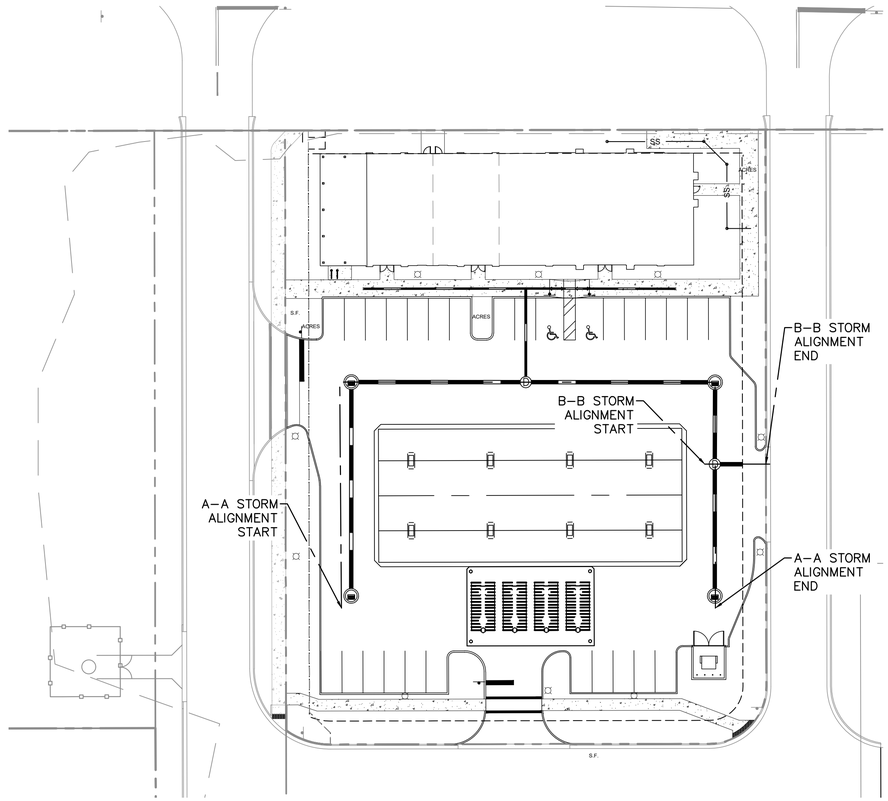
Plotted By: Barkley, Grace Sheet Set: WYLD OAKS C-STORE Layout: C-400 PAVING GRADING AND DRAINAGE PLAN March 13, 2026 10:22:49am K:\VRB_LDEV\247022000 — Wyld Oaks C-Store\CADD\PlanSheets\C-400 PAVING GRADING AND DRAINAGE PLAN.dwg
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A-A STORM WATER PROFILE



B-B STORM WATER PROFILE



PROFILES ALIGNMENTS LAYOUT
N.T.S

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MACKENZIE CERJAN ★ No. 90545 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER

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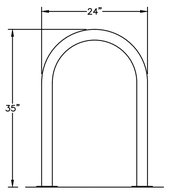
KHA PROJECT	247022000
DATE	07/[illegible]/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRG

DRAINAGE PROFILE

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-401

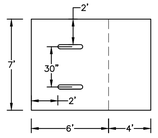
Plotted By:Rufoj Kemi Sheet Set:WYLD OAKS C- STORE Layout:C-401 DRAINAGE PROFILE March 13, 2026 10:30:41am K:\ORB_LDEV\247022000 - Wyld Oaks C-Store\Civil\CADD\PlanSheets\C-401 DRAINAGE PROFILE.dwg
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RACK TO HAVE A GALVANIZED FINISH AND BE SURFACE MOUNTED UNLESS OTHERWISE NOTED

DERO BIKE RACK CO.
504 MALCOLM AVENUE SE
MINNEAPOLIS, MN 55414
PHONE: 800-891-9298

HOOP RACK
(OR APPROVED EQUAL)



SPACE REQUIREMENTS AND CLEARANCES

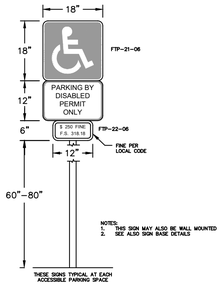
PLACEMENT CONSIDERATIONS
IF RACKS ARE TO BE PLACED IN 'PARALLEL,' PLEASE ALLOW A MINIMUM OF 30" (INCHES) ON CENTER TO ALLOW SPACING BETWEEN BICYCLES.

IF RACKS ARE TO BE PLACED IN 'SERIES,' PLEASE ALLOW 14' ON CENTER OF SPACING BETWEEN THE RACKS. THIS PERMITS 6' (FEET) CLEARANCE FOR BICYCLES ON EACH RACK WITH A 4' (FEET) COMMON AREA IN BETWEEN FOR INGRESS AND EGRESS.

BICYCLE RACK

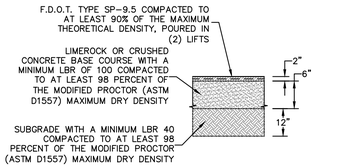
CONTRACTOR TO SUBMIT SHOP DRAWINGS TO DEVELOPER FOR APPROVAL

N.T.S



ACCESSIBLE PARKING SIGN

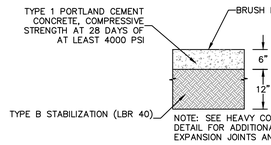
N.T.S



STANDARD DUTY ASPHALT

N.T.S

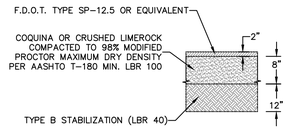
NOTE:
CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.



NOTE: SEE HEAVY CONCRETE PAVEMENT DETAILS DETAIL FOR ADDITIONAL INFORMATION REGARDING EXPANSION JOINTS AND REINFORCEMENT

HEAVY DUTY CONCRETE

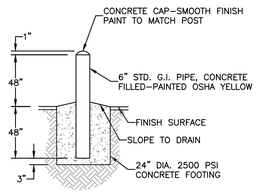
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HEAVY DUTY ASPHALT

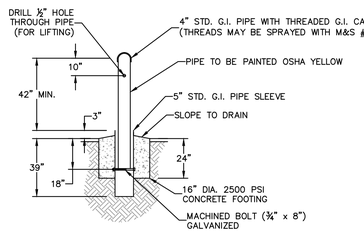
N.T.S

NOTE:
CONTRACTOR TO REFER TO NOTE 10 ON PGD PLAN.



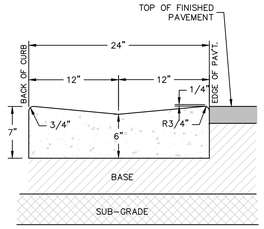
PIPE BOLLARD

N.T.S



REMOVABLE PIPE BOLLARD

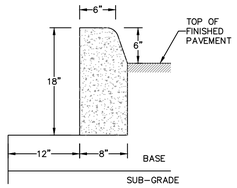
N.T.S



ALL CONCRETE SHALL BE 3,000 PSI

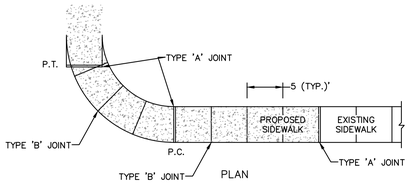
VALLEY GUTTER

N.T.S

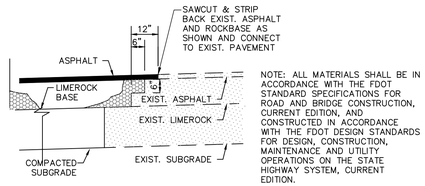


TYPE "D" CURB

N.T.S



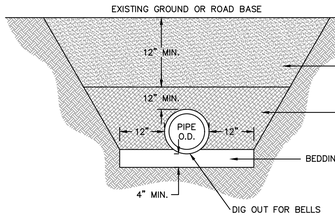
PLAN



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



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.

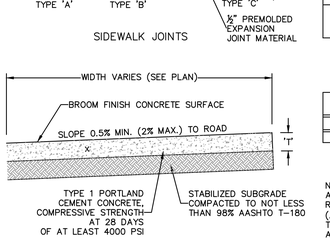
* COMPACT TO 98%OF AASHTO T-180 MAXIMUM DRY DENSITY UNDER EXISTING AND PROPOSED PAVEMENT AREAS. COMPACT TO 95% ON ALL OTHER AREAS UNLESS OTHERWISE NOTED..

TRENCH WITHOUT EXFILTRATION

N.T.S

3' CURB TRANSITION

N.T.S



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.

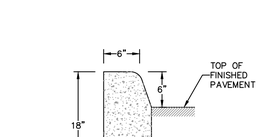
STANDARD CROSS SECTION

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

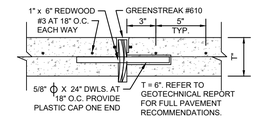
N.T.S



SEE NOTE 3, SHEET C-200

CONTROL JOINT DETAIL

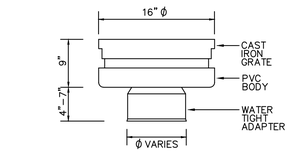
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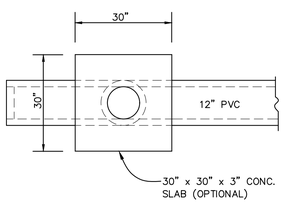


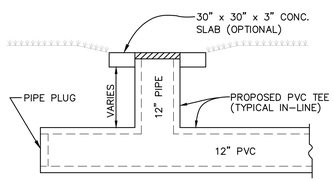
SEE NOTES 4 & 5, SHEET C-200

EXPANSION JOINT DETAIL

N.T.S

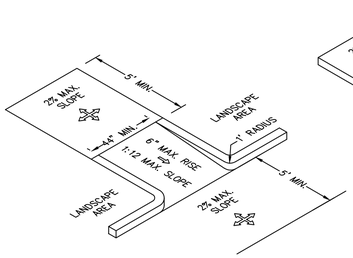






YARD DRAIN DETAIL

N.T.S.

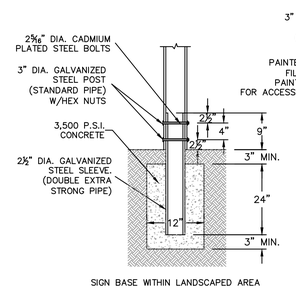


ACCESSIBLE RAMPS

N.T.S

DETECTABLE WARNINGS REQUIRED FOR RAMPS LOCATED IN PROPOSED ROW.

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 PULL - 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 1/4" 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.



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

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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
3/13/2026

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KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKB
DRAWN BY	MCM
CHECKED BY	MRC

PAVING GRADING AND DRAINAGE DETAILS

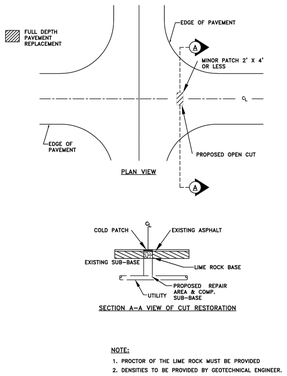
WYLD OAKS C-STORE FL

PREPARED FOR
M & R UNITED, INC.

APOPKA

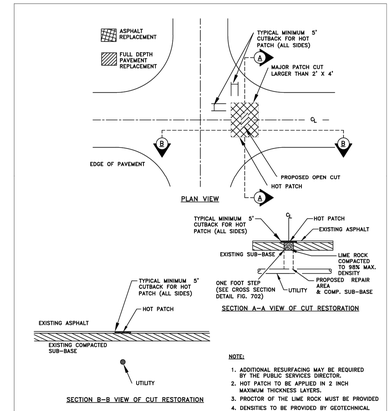
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C-450

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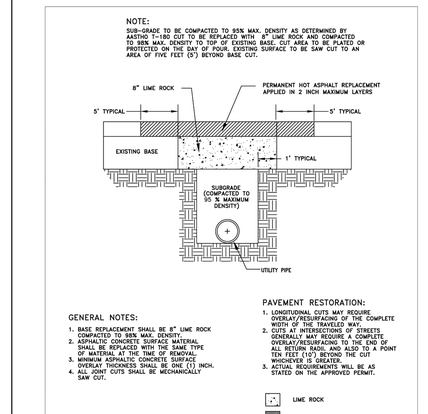
OPEN-CUT DETAIL - MINOR PATCH

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 700



OPEN-CUT DETAIL - MAJOR PATCH

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 701



OPEN-CUT CROSS SECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 702

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3/13/2026

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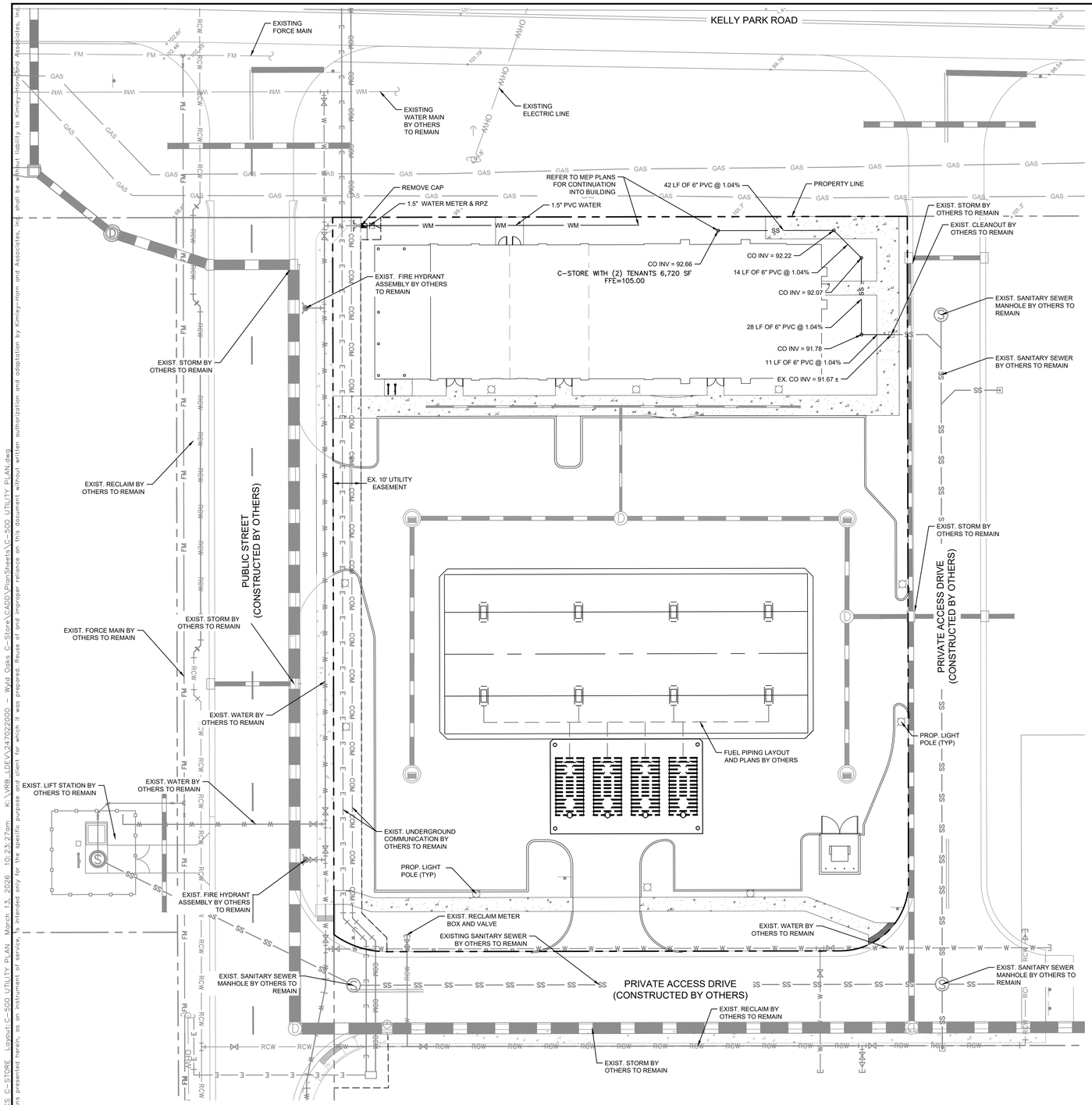
KHA PROJECT 247022000
DATE 07/DATE/25
SCALE AS SHOWN
DESIGNED BY --AKR
DRAWN BY --MCM
CHECKED BY --MRG

PAVING GRADING AND DRAINAGE DETAILS

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-451

Plotted By:Barclay Grace Sheet Set:WYLD OAKS C-STORE Layout:C-451 PAVING GRADING AND DRAINAGE DETAILS March 13, 2026 10:23:05am K:\ORB_LDEV\247022000 - Wyld Oaks C-Store\CADD\PlanSheets\C-451 PAVING, GRADING AND DRAINAGE DETAILS.dwg
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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 COUNTY 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.
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 (ANY CITY) 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 "CONTRACTOR V" LICENSE IN ACCORDANCE WITH CH. 489 OF THE FLORIDA STATUTES.
25. ALL UTILITY MAIN LENGTHS SHOWN ARE APPROXIMATE.
26. ACCESS, DRAINAGE, AND UTILITY EASEMENT TO BE GRANTED OVER PRIVATE ACCESS DRIVES BY ADJACENT DEVELOPMENT.

LEGEND

- WM — DOMESTIC WATER SERVICE LINE
- SS — SANITARY SEWER LATERAL
- WM — EXISTING WATER MAIN
- SS — EXISTING SANITARY SEWER MAIN
- OHW — EXISTING ELECTRIC LINE
- ELEC — PROPOSED ELECTRIC LINE
- PROPOSED DRAINAGE
- EXIST. DRAINAGE
- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- EXISTING TRANSFORMER
- PROPOSED PIPE BEND
- PROPOSED METER AND RPZ ASSEMBLY

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.

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3/13/2026

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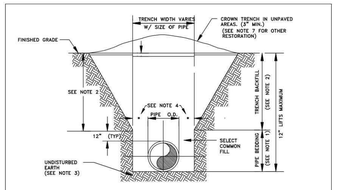
KHA PROJECT	247022000
DATE	07/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

UTILITY PLAN

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-500

Plotted By: Barsley, Grace Sheet Set: WYLD OAKS C-STORE Layout: C-500 UTILITY PLAN March 13, 2026 10:23:27am K:\VRB_LDEV\247022000 — Wyld Oaks C-Store\CAD\PlanSheets\C-500 UTILITY PLAN.dwg
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NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS TO AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETERS LESS THAN 24", AND 24" 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.
8. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.

TYPE "B" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 100

PROPOSED UTILITY	HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS									
	POTABLE WATER		RECLAIMED WATER*		SANITARY SEWER FORCE MAIN		SANITARY SEWER GRAVITY MAIN		STORM SEWER	
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.
POTABLE WATER	-	-	3'	12"	6'	12"	6'	12"	3'	6"
RECLAIMED* WATER	3'	12"	-	-	3'	12"	3'	12"	-	-
SANITARY SEWER FORCE MAIN	6'	12"	3'	12"	-	-	-	-	-	-
SANITARY SEWER GRAVITY MAIN	6'	6"MORE THAN O.D. OF PIPE	3'	12"	-	-	-	-	-	-
STORM SEWER	3'	6"	-	-	-	-	-	-	-	-

GENERAL NOTES:

1. THE TABLE REPRESENTS THE MINIMUM SEPARATION REQUIREMENTS AS DESCRIBED IN F.D.E.P. RULES OF THE FLORIDA ADMINISTRATION CODE (F.A.C.). THESE SEPARATION REQUIREMENTS SHALL APPLY BETWEEN EXISTING PROPOSED UTILITY LINES AND EXISTING OR PROPOSED UTILITY LINES.
2. *: FOR THE PURPOSE OF THIS TABLE, RECLAIMED WATER SHALL MEAN UNRESTRICTED PUBLIC ACCESS REUSE WATER AS DEFINED BY F.A.C. 17-610. OTHER TYPES OF RECLAIMED WATER ARE CONSIDERED RAW SEWAGE AND SEPARATIONS LISTED FOR SANITARY SEWER SHALL APPLY.
3. ALL SEPARATION DISTANCES ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE UNLESS OTHERWISE SPECIFIED. CRITERION PRODUCING GREATER CLEARANCE SHALL BE USED.

   C/C = DENOTES CENTER OF PIPE TO CENTER OF PIPE.

   O/O = DENOTES OUTSIDE OF PIPE TO OUTSIDE OF PIPE.
4. ACCEPTABLE VARIANCES:
   A. WHERE HORIZONTAL SEPARATION IS NOT ATTAINABLE, PVC-C-900 SDR-14 OR CONCRETE ENCASEMENT MUST BE USED FOR THE SANITARY SEWER LINE FOR AT LEAST ONE OF THE PIPES. PVC-C-900 SDR-14 PIPE SHALL BE USED. ENCASEMENT MUST BE USED TO MINIMUM CLEARANCE IS REQUIRED.
   B. WHERE 18 INCH VERTICAL SEPARATION IS NOT ATTAINABLE AT CROSSINGS, USE ONE FULL LENGTH OF PVC-C-900 SDR-14 FOR SANITARY SEWERS OR ENCASED PIPE CENTERED AT THE POINT OF CROSSING SPECIAL SUPPORT MAY BE REQUIRED.
5. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY OR STORM WATER MANHOLE OR STRUCTURE.
6. CONCRETE ENCASEMENT SHALL NOT BE USED UNLESS APPROVED BY PUBLIC SERVICES DIRECTOR OR HIS DESIGNEE.

HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 104

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'

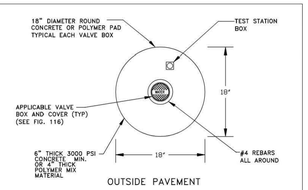
NOTES:

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. /
   SOIL DESIGNATION: SW/SM/SP SM/ST WW OR RWW = 150 P.S.I.
   LAYING CONDITIONS: 3
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)

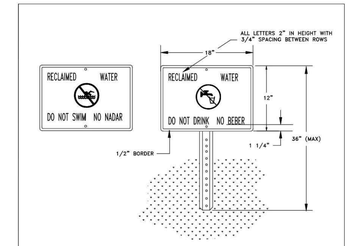
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 105



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

VALVE BOX

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 109

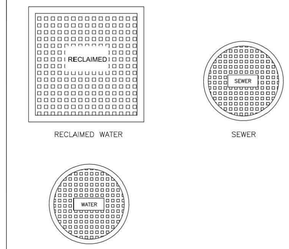


NOTES:

1. 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.

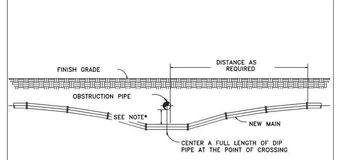
RECLAIMED WATER ADVISORY SIGN

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 115



TYPICAL VALVE BOX COVER DETAILS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 116



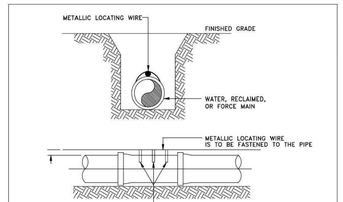
NOTES:

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

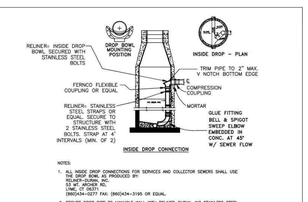


NOTES:

1. ALL 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.

PIPE LOCATING WIRE DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 118



NOTES:

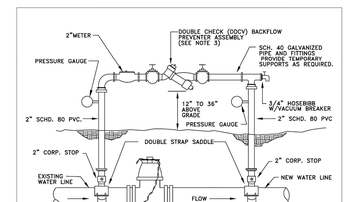
1. ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE INSIDE DROP BOWL AS PRODUCED BY: RELINER-DURAN, INC. 1000 SOUTH 3RD ST. LEMI, UT 05371 (800)434-0277 FAX: (800)434-3195 OR EQUAL.
2. SECURE DROP PIPE TO MANHOLE WALL WITH RELINER-DURAN, INC STAINLESS STEEL ADJUSTABLE CLAMPING BRACKETS.

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 2014	FIG. 201

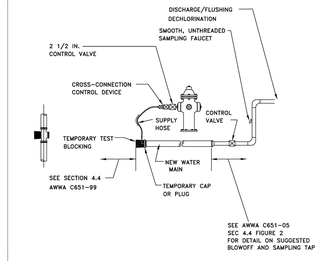


NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, ASSEMBLY, AND THE INSTALLATION OF THE DEVICE.
2. SEE FIGURE 504C FOR PROCEDURES.
3. DDCV IS MINIMUM PROTECTION REQUIRED. A RPZ DEVICE MAY BE REQUIRED DEPENDING ON PROJECT. PROVIDE COPY OF LATEST CERTIFICATION TEST RESULTS.

TEMPORARY JUMPER CONNECTION

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



NOTE:
1. SEE FIGURE 504C FOR PROCEDURES.

TEMPORARY JUMPER CONNECTION FROM FIRE HYDRANT

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

TEMPORARY JUMPER CONNECTION NOTES:

1. A temporary jumper connection is required at all connections between existing active water mains and proposed new water main improvements.
2. Figures 504 A and 504 B to be used for filling any new water main of any size from the existing water main. The new water main shall be flushed at a velocity (2.5 FPS minimum velocity) and for pulling bacteriological samples from any new water main of any size. The jumper connection shall be maintained until after filling, flushing testing and sampling of the new water main is completed and approval to place in service is received from the Florida Department of Environmental Protection (FDEP) and other pertinent agencies have been received. The jumper connection shall also be used to maintain a minimum pressure of 20 psi during new water main disinfection and until the FDEP clearance letter is received. Do not pull the jumper connection before the clearance letter is received. Pipe and fittings used for connecting the new pipe to the existing pipe shall be disinfected prior to installation in accordance with AWWA C651, 2005 edition. The tapping sleeve and the exterior of the main to be tapped shall be disinfected by spraying or swabbing per section 11 of AWWA C651-05.
3. Flushing of 10 inches in diameter and larger water mains may be done through the fire-in valve in the jumper connection provided the following procedures are followed:
   A. The fire-in valve shall be operated and exercised tested in the presence of the City engineer to verify water tightness prior to tie-in. Valves which are not water tight shall be replaced with a new valve installed immediately adjacent to the leaking valve.
   B. The temporary jumper connection shall be constructed as detailed. The jumper connection shall be used to fill the new water main and for providing water for bacteriological sampling of the new main as required by the FDEP permit.
   * Flushing shall not be attempted during peak demand hours of the existing water mains.
   * All downstream valves in the system must be open prior to opening the fire-in valve.
   * Provide for and monitor the pressure in the fire-in point. The pressure in the existing main must not drop below 35 psi.
   * The fire-in valve shall be opened a few turns only, ensuring a pressure drop across the valve is greater than 10 psi.
   C. The fire-in valve shall be locked closed by the City personal until flushing begins.
   D. The fire-in valve shall be opened only for flushing of the new main. The procedure shall be directed by the City and observed by the engineer.
   E. After flushing, the fire-in valve shall be closed and locked in the closed position by the City personal.
4. The contractor shall provide documentation demonstrating that the double check backflow prevention device has been tested and is in good working order at the time of installation.
5. Except as required to flush lines of greater than 8 inches in diameter, the fire-in valve shall remain closed and shall be locked in the closed position by the City. The fire-in valve shall remain locked closed until the new system has been cleared for use by FDEP and all other pertinent agencies.
6. Upon receipt of clearance for use from FDEP and all other pertinent agencies, the contractor shall remove the temporary jumper connection. The corporation stops are to be closed and plugged with 2 inch brass plugs.
7. All installation and maintenance of the temporary jumper connection and associated backflow prevention device, fittings, valve, etc. shall be the responsibility of the contractor.

PROCEDURES FOR TEMPORARY JUMPER CONNECTION

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

NOTE:

CONTRACTOR SHALL OBTAIN A COPY OF AND ABIDE BY THE CITY OF APOPKA STANDARD DETAILS AND CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION MANUAL, LATEST EDITION.

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

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

No.	REVISIONS	DATE	BY

MACKENZIE CERJAN LICENSE No. 90545 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/13/2026

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

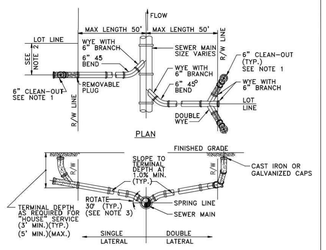
KHA PROJECT 247022000
DATE 07/11/2025
SCALE AS SHOWN
DESIGNED BY AKR
DRAWN BY MCM
CHECKED BY MRC

UTILITY DETAILS

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-501

Plotted By:Barclay Grace Sheet Set:WYLD OAKS C-STORE Layout:C-501 UTILITY DETAILS March 13, 2026 10:26:37am K:\WRB_LDEV\247022000 — Wyld Oaks C-Store\CADD\PlanSheets\C-501 UTILITY DETAILS.dwg
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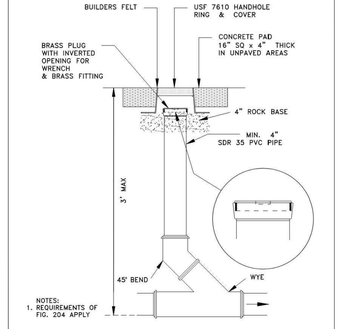


PROFILE

NOTES:
1. CLEAN-OUT (SHOWN SHADED) SHALL BE INSTALLED BY THE BUILDER IN ACCORDANCE WITH STANDARD PLUMBING CODE.
2. LOCATE SINGLE LATERAL AS CLOSE TO LOT LINE AS POSSIBLE.
3. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
4. RESIDENTIAL SERVICES SHALL BE 4 INCHES & NON-RESIDENTIAL SERVICES SHALL BE 6 INCHES IN DIAMETER AS A MINIMUM.
5. 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

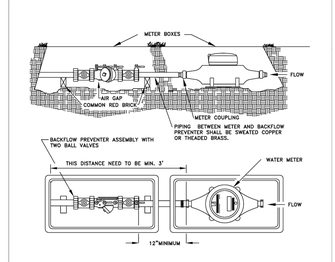


NOTES:
1. REQUIREMENTS OF FIG. 204 APPLY

SANITARY SEWER SERVICE TRAFFIC RATED CLEAN-OUT DETAIL

NTS

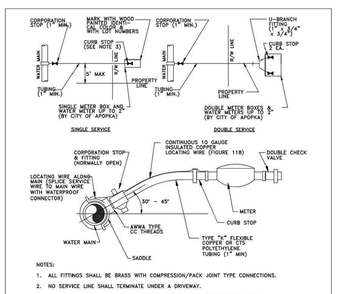
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 205



1. A 3' PIECE OF STRAIGHT PIPE MUST BE CONNECTED TO METER USING THE DESIGNATED HOLES IN THE METER BOX BEFORE ANY ANGLES ARE CONNECTED. THE SAME RULES APPLY FOR DOUBLE METER HOOK-UPS.
2. BACKFLOW DEVICE AND METER ARE TO BE SET BY THE CITY FOR METERS 2-INCH OR LESS IN SIZE.

POTABLE WATER SERVICE DETAIL FOR LOTS SERVED WITH RECLAIMED WATER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 505



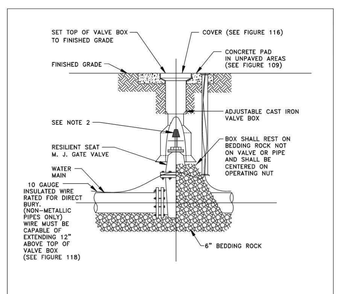
NOTES:
1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.
2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH 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

GENERAL NOTES

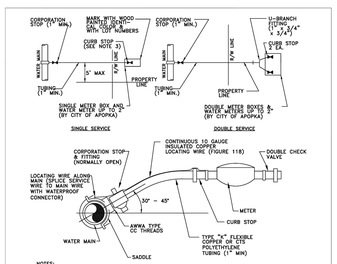
1. Governing standards and specifications on this project are committed the Florida Department of Transportation (FDOT) Design Standards (2015 Edition), FDOT Standard Specifications for Road and Bridge Construction (2016 Edition), and City of Apopka Utilities Design and Construction Standards Manual (2014 Edition).
2. All personal property, except trash boxes located within the public right-of-way (see) relocated by the Contractor at his own expense. The Contractor shall notify all utility companies a minimum of two working days prior to excavation in accordance with the Construction Plans. Mail boxes shall be relocated by the Contractor in accordance with FDOT Index No.310.
3. The Contractor shall be responsible for and 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 items and stumps within the right-of-way and limit of the project are to be removed and disposed of by the Contractor unless noted otherwise.
5. Sod and muck all disturbed areas not covered by sod unless otherwise directed.
6. All pavement striping shall be replaced by the contractor upon completion of construction, as where visible evidence of striping exists prior to the commencement of work.
7. Maintenance of traffic for this project shall be in accordance with FDOT Index No. 600. All lanes shall be restored to use as directed by the Engineer. All materials shall be constructed in accordance with FDOT Index No. 711.
8. Payment for all items listed in the FDOT specifications payment are included in the bid price for Section 336. The Contractor shall perform his work in accordance with the requirements of "Prevention, Control, and Abatement of Erosion and Water Pollution", including items for temporary erosion control. Temporary grassing 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 above ground utilities is not guaranteed to be complete or accurate. It is given only for the convenience of 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 all utility work.
10. Prior to utilizing drainage structures, the Contractor shall determine if drainage utility conflicts exist. Information about possible conflicts shall be submitted to the Engineer in writing for resolution prior to construction of the system.
11. The Contractor shall notify all gas utility companies a minimum of two working days prior to excavation in accordance with the Construction Plans.
12. All reinforced pipe joints shall be filled with non-shrink grout, covered with an asphaltic joint sealing compound or other utility material per Section 1355.03 of the Orange County Road Construction Specifications.
13. All curb inlets, ditch bottom inlets, and manholes shall have rectly bearing frames and covers set to the elevations shown on the Construction Plans.
14. Changes of pipe invert, 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 contract time.
15. All benchmarks (iron rod monuments) shown in the Construction Plans, or found, shall be preserved. Those shown in proposed pavement shall be protected with a steel iron collar/box.
16. Any benchmark (iron rod monument) shown in the Construction Plans, or found, that is damaged or 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 existing horizontal control network. The Contractor shall also submit a set of field notes for all reference point connections proposed to be used in constructing the project with their elevations and ties to the existing horizontal control network. All field notes and computations 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 preserved. If in danger of damage, the Contractor shall notify the Engineer, without delay.
20. Tallahassee, FL Phone:(850)-245-2606
21. 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 sections, established for this work, unless he has first obtained written permission, as covered in, or provided, or in the Contract Construction Plans or Technical Specifications.
22. 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.
23. All work shall be accomplished in strict accordance with all applicable federal, state and local laws, ordinances, rules and regulations.
24. Apparent errors, discrepancies or omissions in the Construction Plans shall be brought to the attention of the Engineer for resolution.
25. After completion of construction, the Contractor shall provide to the City a completed "Certificate of Completion" for the project, in accordance with Section 6-95 of the City Code. The contractor's responsibility to perform a site cleanup for the removal of waste, debris, surplus materials, and equipment to prevent the project site clean and in good order.
26. The Contractor shall be responsible for the protection and safekeeping of property 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 on the Construction Plans or Technical Specifications. In the event such error is discovered or made, corrections and interpretations or may be deemed necessary for the fulfillment of the intent of the Contract Documents. By entering the bidding process the Contractor represents that he has thoroughly examined the plans.
27. 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 for review. The Contractor shall not proceed with any work affected by shop drawings until the Contractor's receipt of approved shop drawings from the Engineer; the Contractor may proceed with the work.
28. The Contractor shall comply with the legal load restrictions or 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.
29. During construction, the Contractor shall maintain adequate safety and protection for the public and the work. The Contractor shall furnish, install and maintain such safety devices as may be necessary to or which settles pipe of the Contract must correct, the following work shall be performed.
A. Expose buried lines to confirm or determine soil conditions, pipe material and diameter.
B. Furnishing and installing jacking and making proper connections.



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

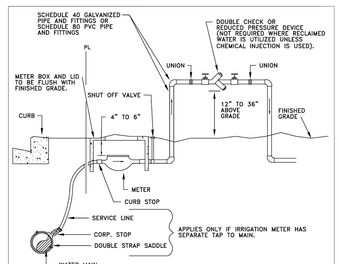
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 400



NOTES:
1. ALL 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. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED JUST INSIDE THE ROW LINE OR PROPERTY LINE, AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREA.
3. DOUBLE CHECK VALVES MAY BE USED AS LONG AS THEIR ARE NO CHEMICALS OR A WELL ON SITE.
4. A PVB DEVICE SHALL BE 12-INCHES MINIMUM ABOVE HIGHEST OUTLET OR SPRAYHEAD
5. ALL BACKFLOW PREVENTION DEVICES ARE TO BE AWWA APPROVED.

IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 502

NOTE:

CONTRACTOR SHALL OBTAIN A COPY OF AND ABIDE BY THE CITY OF APOPKA STANDARD DETAILS AND CITY OF APOPKA UTILITIES DESIGN AND CONSTRUCTION MANUAL, LATEST EDITION.

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
3/13/2026

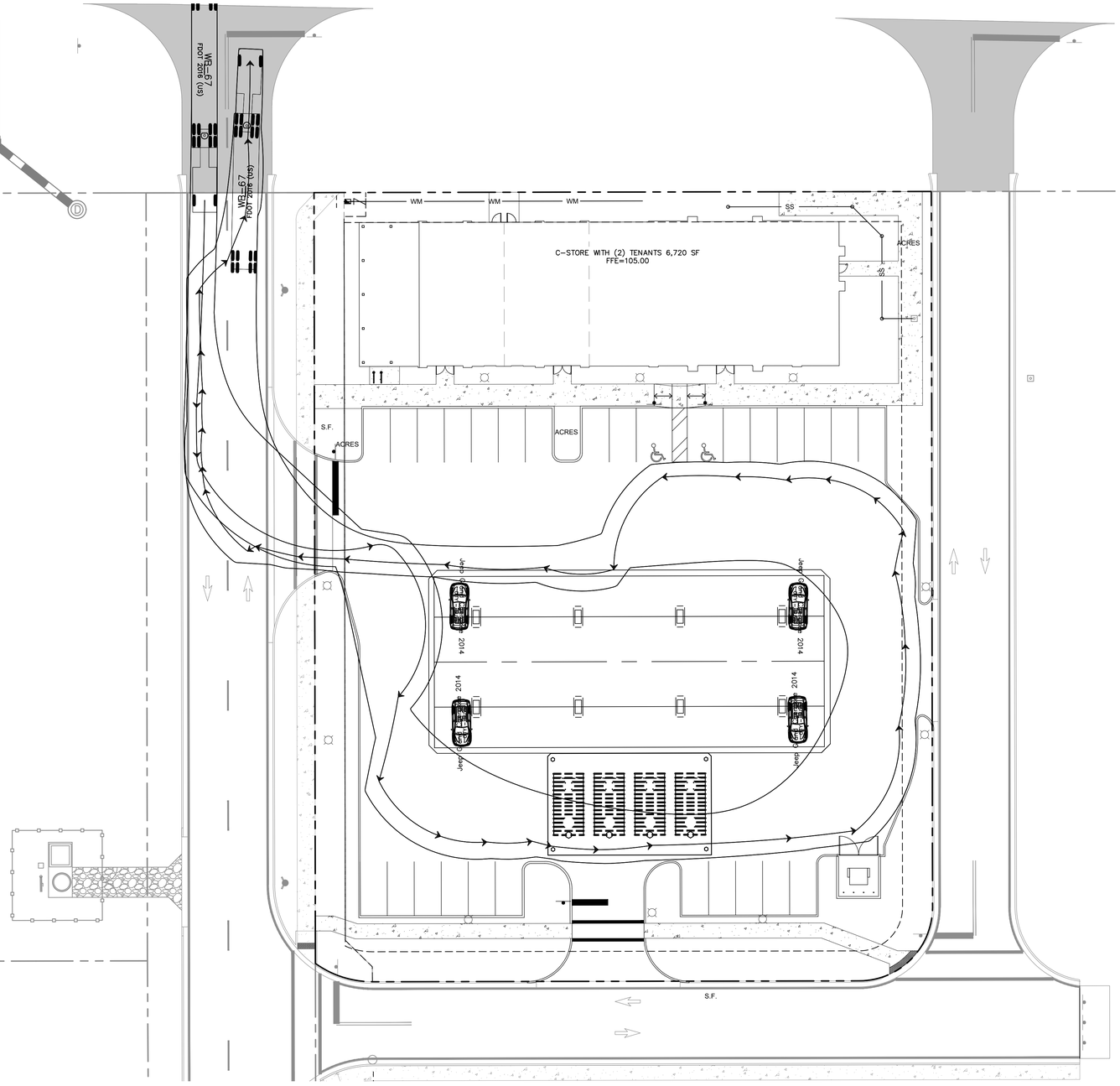
KHA PROJECT	247022000
DATE	7/11/2025
SCALE	AS SHOWN
DESIGNED BY	AKR
DRAWN BY	MCM
CHECKED BY	MRC

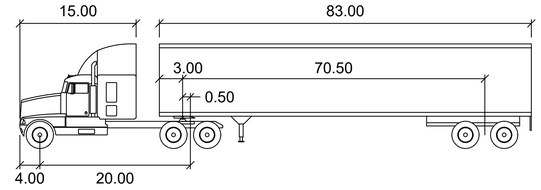
UTILITY DETAILS

WYLD OAKS C-STORE
PREPARED FOR
M & R UNITED, INC.
APOPKA FL

SHEET NUMBER
C-502

Posted By:Barkley, Grace Sheet Set:WYLD OAKS C-STORE Layout:C-502 UTILITY DETAILS March 13, 2026 10:23:41am K:\ORB_LDEV\247022000 - Wyld Oaks C-Store\CADD\PlanSheets\C-501 UTILITY DETAILS.dwg
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FDOT WB-67 - Long

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 40.0
Tractor Track	: 8.00	Articulating Angle	: 68.5
Trailer Track	: 8.50		

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No.	REVISIONS	DATE	BY

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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

KHA PROJECT 247022000
DATE 07/03/2025
SCALE AS SHOWN
DESIGNED BY --AKR
DRAWN BY --MCM
CHECKED BY --MRG

DELIVERY TRUCK MOVEMENT PLAN

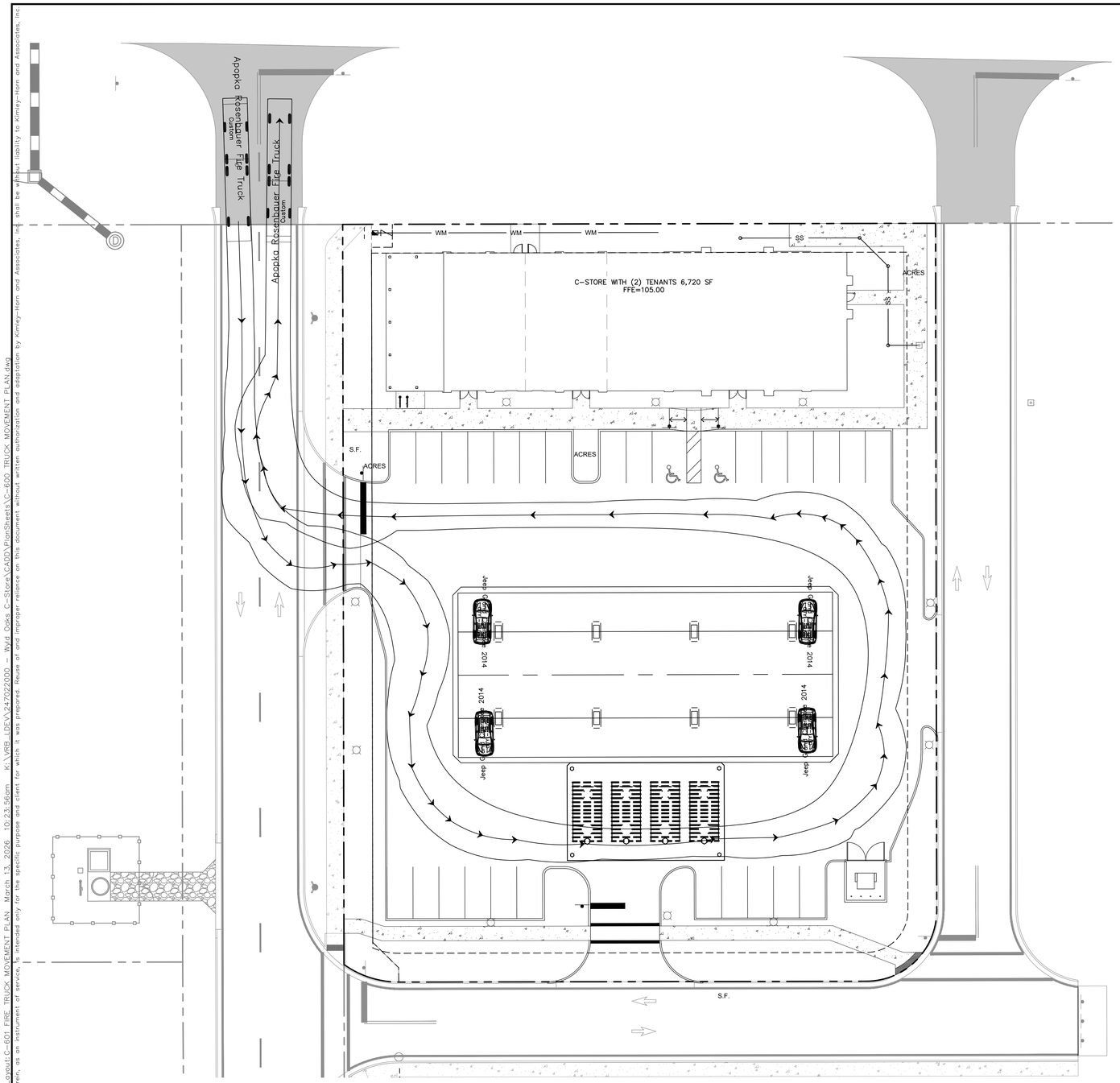
WYLD OAKS C-STORE

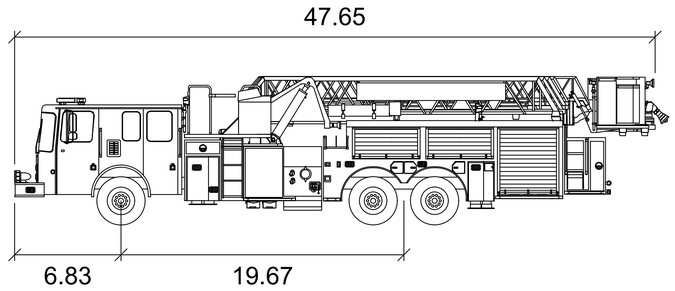
PREPARED FOR
M & R UNITED, INC.

APOPKA FL

SHEET NUMBER
C-600

Plotted By:Barkley, Grace Sheet Set:WYLD OAKS C-STORE Layout:C-600 DELIVERY TRUCK MOVEMENT PLAN March 13, 2026 10:23:43am K:\VRB_LDEV\247022000 - Wyld Oaks C-Store\CAD\PlanSheets\C-600 TRUCK MOVEMENT PLAN.dwg
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Apopka Rosenbauer Fire Truck

	feet
Width	: 8.41
Track	: 7.75
Lock to Lock Time	: 6.0
Steering Angle	: 46.0

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

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KHA PROJECT	247022000
DATE	07/DEC/2025
SCALE	AS SHOWN
DESIGNED BY	--AKR
DRAWN BY	--MCM
CHECKED BY	--MRG

FIRE TRUCK MOVEMENT PLAN

WYLD OAKS C-STORE

PREPARED FOR
M & R UNITED, INC.

APOPKA FL

SHEET NUMBER
C-601

Plotted By:Barkley, Grace Sheet Set:WYLD OAKS C-STORE Layout:C-601 FIRE TRUCK MOVEMENT PLAN March 13, 2026 10:23:56am K:\VRB_LDE\247022000 - Wyld Oaks C-Store\CADD\PlanSheets\C-600 TRUCK MOVEMENT PLAN.dwg
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DEVELOPMENT PLAN
FOR
BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
APOPKA, FLORIDA

OWNER/DEVELOPER
RIDGE 429 OWNER, LLC
1100 ORANGE AVE., STE 300
WINTER PARK, FL 32789
PIERCE HAGGARD, DIR. OF DEVELOPMENT
407-852-0701
PHAGGARD@MCCRANEYPROPERTY.COM

ENGINEER
SMILEY & ASSOCIATES, INC.
624 KINGFISH ROAD
NORTH PALM BEACH, FL 33408
MARK SMILEY, PE
561-596-0562
MSMILEY@SMILEY-ASSOCIATES.COM

SURVEYOR
ALLEN & COMPANY
16 E PLANT STREET
WINTER GARDEN, FL 34787
JAMES RICKMAN, PSM
407-654-5355

ARCHITECT
C4 ARCHITECTURE
135 W. CENTRAL BLVD.
ORLANDO, FL 32801
CLARK STRANAHAN, AIA
407-363-6136
CSTRANAHAN@C4ARCHITECTURE.COM

APOPKA CITY UTILITIES
150 E. 5TH STREET
APOPKA, FL 32703
407-703-1727

DUKE ENERGY
ELECTRICAL SERVICE
3250 BONNET CREEK PARKWAY
PO BOX 10000
LAKE BUENA VISTA, FL 32830

CENTURYLINK
3030 E. SEMORAN BLVD.
APOPKA, FL 32703
407-788-1388

DEVELOPER: **RIDGE 429 OWNER, LLC**
1100 ORANGE AVENUE
SUITE 300
WINTER PARK, FL 32789

LEGAL DESCRIPTION:

A PARCEL OF LAND LYING IN SECTIONS 1 7 AND 18, TOWNSHIP 21 SOUTH, RANGE 28 EAST, ORANGE COUNTY, FLORIDA; BEING MORE PARTICULARLY DESCRIBED AS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 18; THENCE RUN SOUTH 89.54' 44" WEST ALONG THE SOUTH LINE OF SAID SECTION 18 FOR A DISTANCE OF 936.11 FEET TO THE EASTERLY LIMITED ACCESS RIGHT OF WAY LINE OF STATE ROAD 429, ACCORDING TO DEED BOOK 770, PAGE 209, OFFICIAL RECORDS BOOK 9046, PAGE 4349 & OFFICIAL RECORDS BOOK 9398, PAGE 1729 OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA; THENCE RUN ALONG SAID EASTERLY LIMITED ACCESS RIGHT OF WAY LINE THE FOLLOWING COURSES: NORTH 43.34'16" WEST FOR A DISTANCE OF 104.56 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHWESTERLY WITH A RADIUS OF 148.08'00" FEET, A CENTRAL ANGLE OF 01.44'52", THE CHORD OF WHICH BEARS NORTH 44.26'42" WEST FOR A DISTANCE OF 451.72 FEET; THENCE RUN NORTHWESTERLY ALONG SAID CURVE FOR AN ARC LENGTH OF 451.74 FEET TO A NON-TANGENT POINT LYING ON THE WEST LINE OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SAID SECTION 18; THENCE RUN NORTH 00.34'35" EAST ALONG SAID WEST LINE FOR A DISTANCE OF 265.35 FEET; THENCE DEPARTING SAID WEST LINE RUN SOUTH 89.57'37" WEST FOR A DISTANCE OF 241.6 6 FEET TO SAID EASTERLY LIMITED ACCESS RIGHT OF WAY LINE; THENCE RUN ALONG SAID EASTERLY LIMITED ACCESS RIGHT OF WAY LINE THE FOLLOWING COURSES: NORTH 42.01'40" WEST FOR A DISTANCE OF 447.10 FEET: THENCE RUN NORTH 89.59'05" EAST FOR A DISTANCE OF 544.34 FEET; THENCE RUN NORTH 00.34'35" EAST FOR A DISTANCE OF 659.61 FEET: THENCE DEPARTING SAID EASTERLY LIMITED ACCESS RIGHT OF WAY LINE RUN SOUTH 89.58'51" EAST FOR A DISTANCE OF 249.44 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHERLY WITH A RADIUS OF 30,000.00 FEET, A CENTRAL ANGLE OF 01.01'04", THE CHORD OF WHICH BEARS SOUTH 89.28'20" EAST FOR A DISTANCE OF 532.84 FEET; THENCE RUN EASTERLY ALONG SAID CURVE FOR AN ARC LENGTH OF 532.85 FEET TO A POINT OF TANGENCY: THENCE RUN SOUTH 88.57'48" EAST FOR A DISTANCE OF 403.65 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE SOUTHWESTERLY WITH A RADIUS OF 479.50 FEET, A CENTRAL ANGLE OF 42.35'06", THE CHORD OF WHI CH BEARS SOUTH 6.39'45" EAST FOR A DISTANCE OF 348.37 FEET: THENCE RUN SOUTHEASTERLY ALONG SAID CURVE FOR AN ARC LENGTH OF 356.53 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 46.21'42" EAST FOR A DISTANCE OF 656.86 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE NORTHEASTERLY WITH A RADIUS OF 817.50 FEET, A CENTRAL ANGLE OF 2.12'51", THE CHORD OF WHICH BEARS SOUTH 59.58'07" EAST FOR A DISTANCE OF 384.65 FEET; THENCE RUN SOUTHEASTERLY ALONG SAID CURVE FOR AN ARC LENGTH OF 388.29 FEET TO A NON-TANGENT POINT: THENCE RUN SOUTH 30.35'08" WEST NON-RADIAL TO SAID CURVE FOR A DISTANCE OF 135.56 FEET: THENCE RUN SOUTH 00.00'19" WEST FOR A DISTANCE OF 746.6 9 FEET TO THE SOUTH LINE OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 17: THENCE RUN NORTH 89.59'43" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 935.59 FEET TO THE POINT OF BEGINNING.

CONTAINING: 3,406,335 SQUARE FEET OR 78.20 ACRES OF LAND, MORE OR LESS.

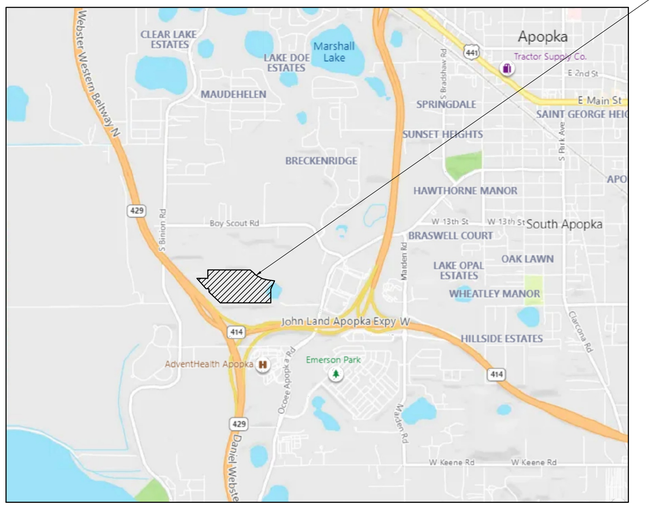
PERMITTED USES AND CONDITIONS

THE PROJECT SCOPE FOR PARCEL 5 SHALL BE FOR CONSTRUCTION OF FACILITIES THAT INCLUDE USES FOR THOSE LISTED AS PERMITTED UNDER THE I-1 ZONING DISTRICT IN TABLE 4.2.2.C: PRINCIPAL USE TABLE IN THE CITY OF APOPKA'S LAND DEVELOPMENT CODE. THE FOLLOWING USES ARE PERMITTED BASED ON THE SPECIFIC LOCATION IN THE DEVELOPMENT AS LISTED,

A. OUTDOOR STORAGE (AS ANCILLARY USE) – PERMITTED ON PARCEL 5; MATERIALS STORED MAY NOT EXCEED 10 FEET IN HEIGHT; 6-8 FEET TALL PERIMETER WALL IS REQUIRED; TYPE D LANDSCAPE BUFFER IS REQUIRED; LOCATED AT LEAST 50 FEET FROM SPINE ROAD.
B. HEAVY EQUIPMENT SALES, RENTAL, REPAIR, SERVICING OR STORAGE (PERMITTED ON PARCEL 5 ONLY AND SHALL BE ENCLOSED AND SETBACK A MINIMUM OF 50 FEET FROM THE RIGHT-OF- WAY LINE.
C. MACHINE SHOP – PERMITTED ON PARCEL 5 ONLY AND SHALL BE ENCLOSED.
D. CONSOLIDATED STORAGE (SELF-SERVICE STORAGE) – PERMITTED ON PARCEL 5; ADDITIONAL ARCHITECTURAL BUILDING FEATURES REQUIRED; MUST HAVE OFFICE LIKE FAÇADE.
E. OUTDOOR STORAGE (AS ANCILLARY USE) – PERMITTED ON PARCEL 5; MATERIALS STORED MAY NOT EXCEED 10 FEET IN HEIGHT; 6-8 FEET TALL PERIMETER WALL IS REQUIRED; TYPE D LANDSCAPE BUFFER IS REQUIRED; LOCATED AT LEAST 50 FEET FROM SPINE ROAD.
   i. IS THERE OUTDOOR STORAGE (OTHER THAN TRAILER) BEING PROPOSED? IF SO, DEMONSTRATE THAT THIS REQUIREMENT IS MET.
F. SOLAR ENERGY COLLECTION FACILITY – PERMITTED ON PARCEL 5 ONLY.
G. BUILDING, HEATING/AIR CONDITIONING, PLUMBING, OR ELECTRICAL CONTRACTOR'S STORAGE YARD MATERIALS STORED MAY NOT EXCEED 10 FEET IN HEIGHT; 6-8 FOOT TALL SCREEN WALL IS REQUIRED; PERMITTED ON PARCEL 5 ONLY; MUST BE SCREENED AND/OR ENCLOSED.
H. VEHICLE OR TRAILER PARKING STORAGE (PERMITTED ON PARCEL 5 ONLY; NO FRONTAGE ALONG INTERNAL SPINE ROAD AND MUST BE LOCATED BEHIND A 6-8 FOOT TALL SCREEN WALL.

PARCEL ID

17-21-28-7345-05-000



NOT TO SCALE

LOCATION MAP

SEC 17, TWP 21S, RNG 28E

BLDG 400 – 1375 JACK JUNCTION WAY
BLDG 500 – 13XX JACK JUNCTION WAY
BLDG 600 – 13XX JACK JUNCTION WAY

INDEX OF SHEETS

SHT No.	REV.	DESCRIPTION	DATE
MSP		MASTER SITE PLAN	
SP		SITE PLAN (PHASE II)	
SD		SITE DATA	
GN		GENERAL NOTES	
D1		EXISTING CONDITIONS PLAN	
GU		GENERAL UTILITY PLAN	
C1.1		PAVING, GRADING & DRAINAGE OVERVIEW PLAN	
C1.2		PAVING, GRADING & DRAINAGE PLAN	
C1.3		PAVING, GRADING & DRAINAGE PLAN	
C1.4		PAVING, GRADING & DRAINAGE PLAN	
C1.5		POLLUTION CONTROL PLAN	
C1.6		SIGNAGE & STRIPING PLAN	
C1.7		PAVING, GRADING & DRAINAGE DETAILS	
C1.8		PAVING, GRADING & DRAINAGE DETAILS	
C1.9		SIGNAGE & STRIPING DETAILS	
C1.10		POLLUTION CONTROL DETAILS	
C1.11		SECTIONS	
C1.12		SECTIONS	
C2.1		WATER & SEWER OVERVIEW PLAN	
C2.2		WATER & SEWER PLAN	
C2.3		WATER & SEWER PLAN	
C2.4		WATER & SEWER PLAN	
C2.5		WATER & SEWER DETAILS	
C2.6		WATER & SEWER DETAILS	
C2.7		WATER & SEWER DETAILS	
C2.8		WATER & SEWER DETAILS	
C2.9		SEWER PROFILES	
L0.0		LANDSCAPE PLAN	
L1.0		LANDSCAPE PLAN	
L2.0		LANDSCAPE PLAN	
L3.0		LANDSCAPE DETAILS & NOTES	
L4.0		LANDSCAPE NOTES	

SMILEY & ASSOCIATES, INC.
624 KINGFISH ROAD, NORTH PALM BEACH, FLORIDA 33408
561-596-0562 • msmiley@smiley-associates.com
EB # 8613

Mark C Smiley
Digitally signed by Mark C Smiley
Date: 2026.03.10 17:22:10 -04'00'

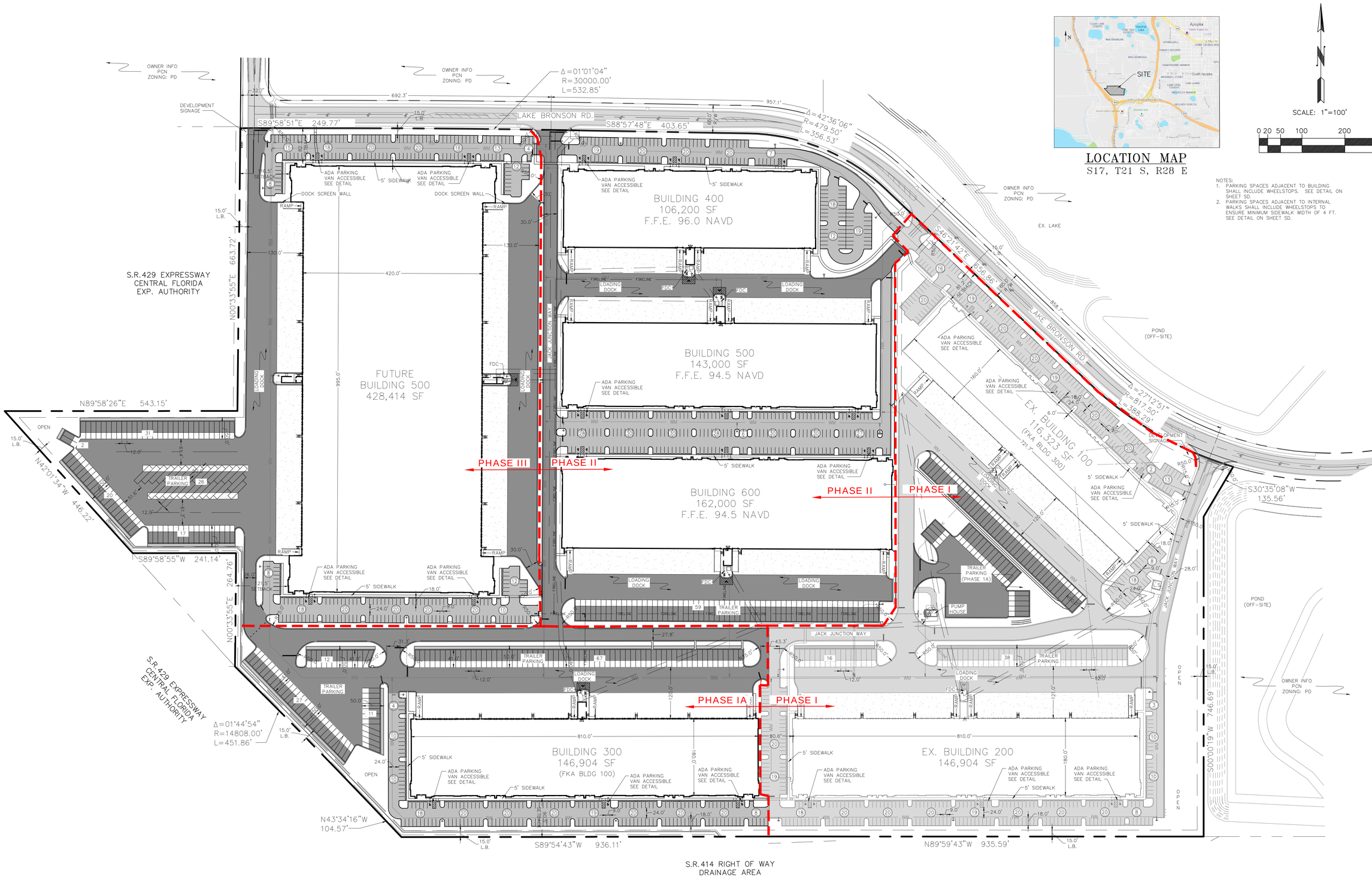
MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/10/26

CIVIL

SA JOB # 25-007

NEW BLDG 100 (OLD 300)

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LOCATION MAP
S17, T21 S, R28 E

NOTES:
1. PARKING SPACES ADJACENT TO BUILDING SHALL INCLUDE WHEELSTOPS. SEE DETAIL ON SHEET SD.
2. PARKING SPACES ADJACENT TO INTERNAL WALKS SHALL INCLUDE WHEELSTOPS TO ENSURE MINIMUM SIDEWALK WIDTH OF 4 FT. SEE DETAIL ON SHEET SD.

SMILEY & ASSOCIATES, INC.
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561-596-0562 • msmiley@smiley-associates.com
www.smiley-associates.com
EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

MASTER SITE PLAN

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

DIGITAL SEAL DATE 3/10/26

MSP
SHEET TYPE
SHEET 1 OF 1
JOB # 25-007

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LOCATION MAP
S17, T21 S, R28 E

SCALE: 1"=100'

0 20 50 100 200 300

(XX) AUTO PARKING
[XX] TRAILER PARKING

OWNER INFO
PCN
ZONING: PD

Δ=01°01'04"
R=30000.00'
L=532.85'

692.3'

S89°58'51"E 249.77'

BRONSON RIDGE RD.
S88°57'48"E 403.65'

Δ=42°36'06"
R=479.50'
L=356.53'

TEMPORARY DRAINAGE SWALE #1

BUILDING 400
106,200 SF
F.F.E. 96.0 NAVD

5' SIDEWALK

53.0' SETBACK

S46°21'42"E 646.86'

S.R.429 EXPRESSWAY
CENTRAL FLORIDA
EXP. AUTHORITY

N00°33'55"E 663.72'

OPEN

BUILDING 500
143,000 SF
F.F.E. 94.5 NAVD

PHASE II
(THIS PHASE)

ADA PARKING
VAN ACCESSIBLE
SEE DETAIL

POND
(OFF-SITE)

Δ=27°12'51"
R=817.50'
L=388.29'

N89°58'26"E 543.33'

EXISTING
BUILDING 100
116,323 SF
1315 JACK JUNCTION WAY

BUILDING 600
162,000 SF
F.F.E. 94.5 NAVD

S30°35'08"W
135.56'

N42°01'34"W 446.50'

S89°58'55"W 241.14'

N00°33'55"E 264.76'

TRAILER PARKING (PHASE 1A)

EXISTING FIRE PUMP HOUSE

JACK JUNCTION WAY

S.R.429 EXPRESSWAY
CENTRAL FLORIDA
EXP. AUTHORITY

Δ=01°44'54"
R=14808.00'
L=451.86'

PHASE IA

BUILDING 300
146,904 SF
13XX JACK JUNCTION WAY

EXISTING
BUILDING 200
146,904 SF
1360 JACK JUNCTION WAY

S00°00'19"W 746.69'

N43°34'16"W
104.57'

S89°54'43"W 936.11'

N89°59'43"W 935.59'

S.R.414 RIGHT OF WAY
DRAINAGE AREA

DEVELOPMENT NOTES

1. ALL ACREAGES ARE SUBJECT TO CHANGE WITH FINAL ENGINEERING AND FINAL PLAT REVIEW AND APPROVAL.
2. A MINOR OR MAJOR DEVELOPMENT PLAN APPLICATION SHALL BE SUBMITTED FOR EACH PHASE OF DEVELOPMENT. EACH APPLICATION SHALL ADDRESS THE REQUIREMENTS OF THE PD DISTRICT DEVELOPMENT STANDARDS SET FORTH IN THE CITY OF APOPKA LAND DEVELOPMENT CODE TABLE 3.7.2.E.1, UNLESS SPECIFICALLY ADDRESSED IN THIS PD PLAN.
3. OFF STREET PARKING SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 5.1.6A: MINIMUM NUMBER OF OFF-STREET VEHICULAR PARKING SPACES OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
4. LANDSCAPING AND BUFFER STANDARDS SHALL BE IN ACCORDANCE WITH TABLE 5.2.5.B.3.D-1 - BUFFERYARD APPLICATION OF THE CITY OF APOPKA LAND DEVELOPMENT CODE. INTERIOR LANDSCAPE BUFFERS BETWEEN ABUTTING PROPERTY BOUNDARIES MAY HAVE A TEN (10) FOOT WIDE LANDSCAPE BUFFER. LANDSCAPING STANDARDS FOR RESIDENTIAL DEVELOPMENT SHALL ADHERE TO SECTION 5.2.2(B) OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
5. EXTERIOR LIGHTING SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 5.6 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
6. COMMUNITY IDENTIFICATION SIGNAGE SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 5.10 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
7. ARCHITECTURAL DESIGN SHALL MEET THE INTENT OF THE CITY OF APOPKA'S DEVELOPMENT DESIGN GUIDELINES.
8. A CONCURRENCY APPLICATION SHALL BE SUBMITTED WITH EACH MINOR OR MAJOR DEVELOPMENT PLAN FOR EACH PHASE OF DEVELOPMENT.
9. BUILDING SETBACKS SHALL BE MEASURED FROM PROPERTY LINES.
10. DENSITIES AND INTENSITIES WITHIN THE RIDGE PD MAY BE EXCHANGED BASED ON THE TRAFFIC EQUIVALENCY MATRIX SHOWN ON THE PD PLAN.
11. IN THE EVENT A CELL TOWER IS PLACED ON PARCEL 7, A FALL ZONE RADIUS WILL BE PROVIDED ADJACENT TO ALL RESIDENTIAL, COMMERCIAL AND INDUSTRIAL STRUCTURES LOCATED WITHIN THE PD.
12. A COMMUNITY DEVELOPMENT DISTRICT (CDD) WILL BE ESTABLISHED FOR OWNERSHIP AND MAINTENANCE OF THE DEVELOPMENT.
13. GREEN BUILDING STANDARDS SHALL BE PROVIDED PER SECTION 5.11.4 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE. SPECIFIC STANDARDS WILL BE PROVIDED DURING EACH MINOR OR MAJOR DEVELOPMENT PLAN FOR EACH PHASE OF DEVELOPMENT.
14. TREE CANOPY RETENTION STANDARDS SHALL BE CALCULATED ON THE OVERALL PD AREA AND NOT ON AN INDIVIDUAL PARCEL BASIS. TREE CANOPY CALCULATIONS SHALL BE REVIEWED DURING THE MAJOR DEVELOPMENT PLAN PROCESS. TREE CANOPY RETENTION SHALL BE MAINTAINED THROUGH EACH PHASE OF DEVELOPMENT IN ACCORDANCE WITH TABLE 5.3 .7.B.2C IN SECTION 5.3.7 OF THE CITY OF APOPKA'S LAND DEVELOPMENT CODE. SPECIFIC TABLE CALCULATIONS WILL BE PROVIDED WITH EACH MINOR OR MAJOR DEVELOPMENT PLAN FOR EACH PHASE OF DEVELOPMENT.
15. FENCES AND WALLS SHALL BE PERMITTED AND ADHERE TO THE STANDARDS LISTED IN SECTION 5.5 OF THE CITY OF APOPKA'S LAND DEVELOPMENT CODE.
16. NEIGHBORHOOD COMPATIBILITY STANDARDS SHALL ADHERE TO THOSE LISTED IN SECTION 5.8.3 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
17. THE ACCESS, MOBILITY AND CIRCULATION STANDARDS PROPOSED SHALL ADHERE TO THOSE LISTED IN SECTION 5.13.1.C OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.
18. STREET DESIGN AND CONSTRUCTION STANDARDS SHALL ADHERE TO THOSE LISTED IN SECTION 5.13.2 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

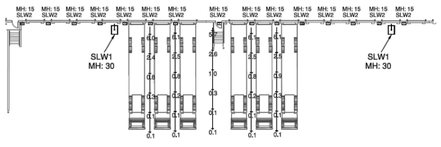
SITE PLAN

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

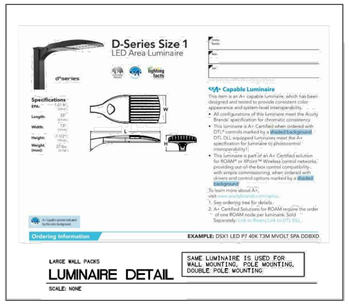
SP
SHEET TYPE
SHEET 1 OF 1
JOB # 25-007

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ENLARGED DOCK AREA WITH TRAILERS

SCALE: ONE INCH = TWENTY FEET LIGHT LEVELS SHOWN INCLUDE THE EFFECT OF SHADOWS FROM THE TRUCK TRAILERS



SLW1 FIXTURE
SAME FIXTURE FOR POLE MOUNTED LIGHTING



SLW2 FIXTURE

PHOTOMETRIC DETAIL

INDUSTRIAL AREA ONLY

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GREEN BUILDING POINT SYSTEM TABLE (INDUSTRIAL ONLY)

	POINTS EARNED
LOCATION DEVELOPMENT ON PREVIOUSLY USED OR DEVELOPED LAND THAT IS NOT CONTAMINATED (SITE RE-USE)	0.50
ENERGY CONSERVATION	
INSTALL A "COOL ROOF" ON A MINIMUM OF 50 PERCENT OF THE DWELLING UNITS IN A SUBDIVISION. THE COOL ROOF SHALL COVER THE ENTIRE ROOF OF THE BUILDING. INSTALL A "COOL ROOF" ON A MINIMUM OF 50 PERCENT OF THE BUILDINGS IN A MULTI-BUILDING DEVELOPMENT. THE COOL ROOF SHALL COVER THE ENTIRE ROOF OF THE BUILDING (ALL BUILDINGS)	1.50
PROVIDE SKYLIGHTS IN AN AMOUNT NECESSARY TO ENSURE NATURAL LIGHTING IS PROVIDED TO AT LEAST 25 PERCENT OF THE HABITABLE ROOMS IN THE STRUCTURE	0.50
USE CENTRAL AIR CONDITIONERS THAT ARE ENERGY STAR QUALIFIED	0.50
WATER CONSERVATION AND WATER QUALITY	
PROVIDE RAIN GARDENS, STREET-SIDE SWALES, OR OTHER APPROPRIATE STORM WATER INFILTRATION SYSTEM(S) THAT CAPTURES A MINIMUM OF 25 PERCENT OF SITE STORMWATER RUNOFF	1.00
CREATE A SOIL MANAGEMENT PLAN FOR DEVELOPMENT SITE THAT PROMOTES STORMWATER INFILTRATION THROUGH IMPROVED ORGANIC MATTER CONTENT, REDUCED COMPACTION LEVELS, AND INCREASED INFILTRATION CAPACITY	0.50
RESILIENCY TO NATURAL HAZARDS	
ELEVATE NEW AND/OR EXISTING STRUCTURES MORE THAN 3 FEET ABOVE BASE FLOOD ELEVATION (BFE)	1.50
	TOTAL POINTS = 6.00
NOTE: SEE VHB DOCUMENTS OF DP FOR GREEN BUILDING POINT SUMMARY	TOTAL REQUIRED 4.00

SITE DATA:

PROJECT NAME	APOPKA RIDGE LOGISTICS CENTER
SITE LOCATION	1450 OCOEE APOPKA RD (1800 FT WEST)
PCNs	17-21-28-0000-00-008 17-21-28-0000-00-032 18-21-28-0000-00-013
EXISTING LAND USE DESIGNATION	VACANT/AG
PROPOSED LAND USE DESIGNATION	MIXED USE (MU)
EXISTING ZONING DISTRICT	RSF-1A; MU-ES-GT
PROPOSED ZONING DISTRICT	PLANNED DEVELOPMENT (PD)
EXISTING USES	AGRICULTURE/VACANT
PROPOSE USES	INDUSTRIAL (OFFICE/WAREHOUSE)
FEMA FLOOD ZONE(S): MAP NUMBER	ZONE 'X' 12095C0120F, DATED SEPT. 25, 2009
SECTION/TOWNSHIP/RANGE	17&18/21S/28E

	UPDATED		APPROVED FOR	
	SF	AC	SF	AC
GROSS SITE AREA	3,407,293	78.203		
BUILDING AREA				
BUILDING 100	146,904	3.37	146,904	3.37
BUILDING 200	146,904	3.37	146,904	3.37
BUILDING 300	116,323	2.67	116,323	2.67
BUILDING 400	106,200	2.44	423,634	2.44
BUILDING 500	143,000	3.28	428,414	3.28
BUILDING 600	162,000	3.72	------	---
BUILDING 700	428,414	9.84	------	---
TOTAL BUILDING AREA	1,249,745	28.69	1,262,179	28.98

FAR 36.7%, APPROVED FOR 37.0%, ALLOWABLE 60%

BUILDING HEIGHT: 47.5 FT; 50 FT MAX. ALLOWABLE

PAVEMENT AREA: 35.68 ACRES
SIDEWALK AREA: 1.12 ACRES

IMPERVIOUS AREA: 65.26 ACRES OR 83.45% APPROVED FOR 83.75%, 85% ALLOWABLE

OPEN SPACE: 12.94 ACRES OR 16.55% APPROVED FOR 12.71 OR 16.25%
SEE OVERALL LAND USE TABLE FOR PD TO MEET THE 20% MINIMUM REQUIREMENT

SETBACKS:
FRONT: 10 FT
SIDE: 10 FT
CORNER SIDE: 15 FT
REAR: 10 FT / 30 FT ADJ. TO RESIDENTIAL

PARKING REQUIRED
ANCILLARY OFFICE (3PS/1000 SF) (10% OF TOTAL BLDG SF)
0.10 X 1,249,745 SF = 124,975 SF
3 X 124,975 SF / 1000 SF = 375 SPACES
WAREHOUSE (1PS/600 SF UP TO 3000 SF THEN 1 SP/3000 SF)
3000 SF/600 SF + (1,124,771 SF - 3000 SF)/3000 SF = 374 SPACES
TOTAL REQUIRED SPACES 749 SPACES

PARKING PROVIDED 1,211 SPACES

HANDICAPPED PARKING
REQUIRED 2% OF TOTAL 25 SPACES
PROVIDED

TOTAL PROVIDED SPACES 35 SPACES

LOADING
REQUIRED (5 LS/1ST 290,000 SF + 1LS/EA. ADD 90,000 SF) 8 SPACES
PROVIDED 494 SPACES

(XX) AUTO PARKING

(XX) TRAILER PARKING

OWNER/DEVELOPER

LOGISTICS 429 AT APOPKA RIDGE, LLC
2257 VISTA PARKWAY, STE 15
WEST PALM BEACH, FL 33411
SCARPENTER@MCCRANEYPROPERTY.COM

ENGINEER

SMILEY & ASSOCIATES, INC.
1928 COMMERCE LANE, SUITE 2
JUPITER, FL 33458
561-747-8335
MSMILEY@SMILEY-ASSOCIATES.COM

ARCHITECT

C4 ARCHITECTURE
135 W. CENTRAL BLVD.
ORLANDO, FL 32801
407-363-6136
CSTRANAHAN@C4ARCHITECTURE.COM

APOPKA CITY UTILITIES

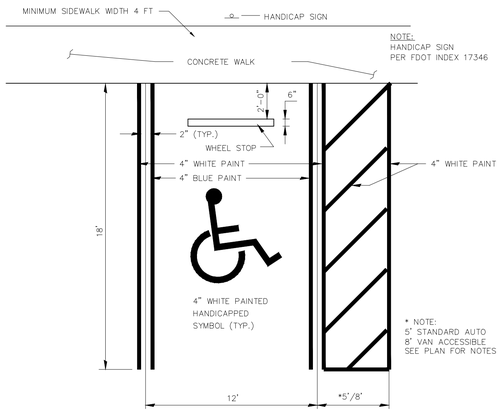
150 E. 5TH STREET
APOPKA, FL 32703
407-703-1727

DUKE ENERGY

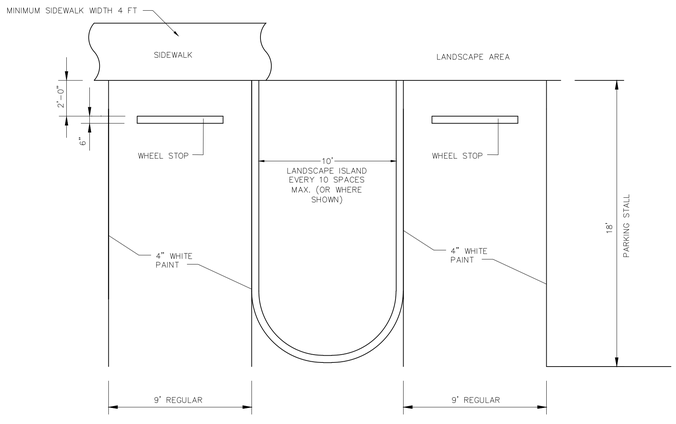
ELECTRICAL SERVICE
3250 BONNET CREEK PARKWAY
PO BOX 10000
LAKE BUENA VISTA, FL 32830

CENTURYLINK

3030 E. SEMORAN BLVD.
APOPKA, FL 32703
407-788-1388



HANDICAP PARKING STALL
SCALE: NTS



TYPICAL PARKING STALL
WITH SIDEWALK
N.T.S.

TYPICAL PARKING STALL
WITH LANDSCAPE
N.T.S.

LEGEND

94.0	PROPOSED ELEVATION
+94.0	EXISTING ELEVATION
	DRAINAGE FLOW ARROW
SP#1	SAMPLE POINT & NUMBER
WM	PROPOSED VALVE & WATER LINE
FIRELINE	PROPOSED VALVE & FIRE LINE
EX-WM	EXISTING VALVE & WATER LINE
S-101 / RIM / INV.	STORM STRUCTURE RIM EL. OR FLOW LINE FOR TYPE 3 OR 4 STRUC. INVERT ELEVATION
EX-STM	EXISTING CATCH BASIN & LINE
EX-STM	EXISTING MANHOLE & LINE
STM	PROPOSED STORM DRAIN & LINE
STM	PROPOSED STORM MANHOLE & LINE
	EXISTING FIRE HYDRANT WITH VALVE & TEE
	PROPOSED FIRE HYDRANT WITH VALVE & TEE
	STOP SIGN
SAN	PROPOSED SANITARY MAIN/SERVICE
EX-SAN	EXISTING SANITARY MAIN/SERVICE
	HEAVY DUTY ASPHALT PAVEMENT
	REGULAR ASPHALT PAVEMENT
	EXISTING ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	SILT FENCE

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561-596-0562 • msmiley@smiley-associates.com
www.smiley-associates.com
EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE
1	PER CITY COMMENTS	MS	7/12/21

REVISION NOTES

LOGISTICS 429
AT APOPKA RIDGE
FOR
LOGISTICS 492 AT APOPKA RIDGE, LLC
APOPKA, FLORIDA

SITE DATA

MARK C. SMILEY LICENSE NO. 54864 3/10/26 STATE OF FLORIDA PROFESSIONAL ENGINEER

DIGITAL SEAL DATE 3/10/26

SD
SHEET TYPE
SHEET 1 OF 1
JOB # 26-001

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GENERAL NOTES :

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS WORK, PRIOR TO CONSTRUCTION.
2. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING GAS, WATER, ELECTRIC, COMMUNICATIONS. CABLE TELEVISION, SANITARY AND STORM SEWERS, ON AND/OR ADJACENT TO THE SITE. REMOVE OR CAP SERVICES AS NECESSARY.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SUNSHINE" AT 811, AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSPECTIONS/ REQUIREMENTS.
6. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ON ALL PRECAST AND MANUFACTURED ITEMS, TO THE OWNER'S ENGINEER FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. ALL UTILITY SERVICE STUB-OUTS (WATER, SANITARY SEWER, etc.) ARE TO BE INSTALLED TO WITHIN 5' OF BUILDING(S), UNLESS OTHERWISE NOTED ON PLANS.
8. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES.
9. SAFETY:
   A. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELLING PUBLIC AND THE SAFETY OF HISHER PERSONNEL.
   B. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
   C. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS.
   D. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION & THE FLORIDA DEPARTMENT OF TRANSPORTATION.
   E. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.

   IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN "ON-SITE PIPING PERMIT" (IF REQUIRED) FOR CONSTRUCTION OF THE PROPOSED UTILITIES. THIS PERMIT MUST BE OBTAINED BY A DULY LICENSED PLUMBING CONTRACTOR (OR CLASS A GENERAL CONTRACTOR) PRIOR TO THE START OF CONSTRUCTION. THESE PLANS AND ANY SUBSEQUENT REVISIONS TO THESE PLANS, THAT ARE ISSUED BY THE ENGINEER, WILL BE SUBJECT TO THE APPROVAL CONDITIONS OF THIS PERMIT.
11. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.
12. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION.
13. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
14. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH ANY OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS/SUBCONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE HISHER ACTIVITIES ACCORDINGLY.
15. CONSTRUCTION MUST COMPLY WITH THE CITY OF APOPKA ENGINEERING STANDARDS MANUAL, LAND DEVELOPMENT CODE, AND CITY DETAILS. SHOULD NOTES BETWEEN THIS PLAN AND CITY STANDARDS/DETAILS SHOW DIFFERENT INFORMATION, THE MOST STRINGENT STANDARD BETWEEN THE (AS DETERMINED BY THE ENGINEER OF RECORD OR THE CITY) SHOULD BE FOLLOWED.
16. CONTRACTOR SHALL REFERENCE THE APPROVED MASTER DEVELOPMENT PLAN FOR ADDITIONAL INFORMATION RELATIVE TO PARCEL 5. APPROVED PLANS BY VHB DATED AUGUST 26, 2021 AND APPROVED BY THE CITY OCTOBER 20, 2021.
17. RETAINING WALL SYSTEMS SHALL BE MAINTAINED BY THE OWNER OF PARCEL 5.
18. WATERMAINS DESIGNATED AS FIRE LINE BY FIRE MARSHAL MAY REQUIRE ADDITIONAL RESTRAINTS. CONTRACTOR SHALL VERIFY WITH FIRE MARSHAL PRIOR TO CONSTRUCTION. ADDITIONAL MEASURES SHALL BE INCLUDED IN BASE BID.
19. CONTRACTOR SHALL PLAN ON 2 LIFTS FOR ASPHALT UNLESS OTHERWISE NOTIFIED BY OWNER.
20. PIPE LENGTHS ARE APPROXIMATE. FIELD CONDITIONS MAY REQUIRE ADJUSTMENTS AND BE PART OF BASE BID.
21. PRIOR TO INITIATING SITE WORK, CONTRACTOR SHALL VERIFY BUILDING UTILITY POINTS OF CONNECTION WITH FINAL BUILDING PERMIT PLANS. NOTIFY A/E OF ANY DISCREPANCIES.

CLEARING AND SITE PREPARATION NOTES :

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE EROSION CONTROL DEVICES, AS SHOWN ON THE CONSTRUCTION PLANS, PRIOR TO ANY SITE CLEARING AND/OR DEMOLITION. REFER TO THE "EROSION CONTROL NOTES" SECTION CONTAINED HEREIN FOR ADDITIONAL REQUIREMENTS.
2. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN, AS INDICATED ON THE CONSTRUCTION PLANS, SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES, AND DETAILS CONTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE TREES IN GOOD CONDITION. NO TREE(S) SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER AND THE LOCAL AGENCY HAVING JURISDICTION OVER THESE ACTIVITIES.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, SODDED OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, IMMEDIATELY FOLLOWING CONSTRUCTION.
4. THE TOP 4" TO 6" OF GROUND REMOVED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE STOCKPILED, TO BE USED FOR LANDSCAPING PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITEEXCAVATION IS TO BE UTILIZED ON-SITE, PROVIDED THE MATERIAL IS DEEMED SUITABLE BY THE OWNER'S SOILS TESTING COMPANY. EXCESS MATERIAL IS TO EITHER BE STOCKPILED ON-SITE, AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER, OR REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING ANY EXCESS MATERIAL FROM THE SITE.
5. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE, BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
6. THE CONTRACTOR IS TO PREPARE THE SITE IN ACCORDANCE WITH THE SOILS REPORT, COPIES OF WHICH ARE AVAILABLE THROUGH THE OWNER OR SOILS TESTING COMPANY DIRECTLY.
7. THE DEMOLITION PLAN IS PREPARED AS AN APPROXIMATE ITMIIZATION OF MATERIAL TO BE REMOVED OR MODIFIED. IT DOES NOT LIMIT THE EXTENT OF MATERIAL TO BE REMOVED AS REQUIRED FOR THE CONSTRUCTION IN ACCORDANCE WITH THE PLANS AND NOTES.

EROSION CONTROL NOTES :

1. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIERS (HAY BALES OR SILTATION CURTAINS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTORS IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
2. THE CONTRACTOR SHALL LIMIT THE DISCHARGE OF TURBID WATERS OFF-SITE, OR INTO ON-SITEOFF-SITE WETLANDS (IF APPLICABLE), TO THE REQUIREMENTS OF THE FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION AND NPDES GUIDELINES.
3. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.
4. CONTRACTOR SHALL INSPECT AND MAINTAIN ON A DAILY BASIS ALL EROSION/SEDIMENTATION CONTROL FACILITIES.
5. THE CONTRACTOR SHALL ENSURE THAT SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF THE DEPTH OF THE SILTATION CONTROL BARRIER SHALL BE IMMEDIATELY REMOVED AND PLACED IN UPLAND AREAS.
6. THE PROPOSED EROSION CONTROL BARRIERS MUST BE REMOVED FOLLOWING SOIL STABILIZATION.
7. THE CONTRACTOR SHALL SUBMIT NOI TO THE FDEP AND PROVIDE COPY OF NPDES COMPLIANCE TO THE ENGINEER, OWNER AND CITY PRIOR TO PRE-CONSTRUCTION MEETING. AT THE END OF CONSTRUCTION A COPY OF THE NOT NOTICE SHALL BE PROVIDED TO ENGINEER, OWNER AND OWNER.

PAVING AND GRADING NOTES :

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE OWNER, THE OWNER'S ENGINEER, OWNER'S SOILS TESTING COMPANY, AND PROJECT SPECIFICATIONS. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR AQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
3. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOIL TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS AND PROJECT SPECIFICATIONS.
4. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.
5. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
6. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
7. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.
8. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.
9. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED CONCRETE, ETC.)
10. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX #17346 AND THE CITY OF APOPKA REQUIREMENTS.
11. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.
12. CONTRACTOR SHALL COORDINATE AND VERIFY ALL ADA ACCESS WAY SLOPES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY LOCATIONS WHERE SLOPES DO NOT MEET ADA REQUIREMENTS.
13. CONTRACTOR SHALL INCLUDE IN BID FINAL ADJUSTMENTS TO ALL MANHOLES AND CATCH BASIN RIMS TO FINAL FIELD GRADE.

TESTING AND INSPECTION REQUIREMENTS : (PAVING/GRADING):

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT, TESTING SCHEDULE LOCATED ON THESE PLANS, AND PROJECT SPECIFICATIONS. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
2. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.
3. ALL ROCK FINISHING SHALL BE BOARDED TO THE ACCEPTANCE OF THE ENGINEER PRIOR TO TACK.

DRAINAGE SYSTEM NOTES :

1. STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS".
2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.
3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS, WHICH ARE NOT INCLUDED IN LENGTHS.
4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPGRADES TO EXISTING DRAINAGE STRUCTURES.
5. CONSTRUCTION OF THE STORMWATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.

TESTING AND INSPECTION REQUIREMENTS: (DRAINAGE)

1. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
2. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE REINSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS FOR THESE PURPOSES.
3. THE CONTRACTOR PROVIDE DENSITY TESTS AT ALL 4 SIDES OF ALL STRUCTURES IN 12" LIFTS TO THE SUBGRADE OF THE PAVEMENT SYSTEM.

SANITARY SYSTEM NOTES :

1. SANITARY SEWERS, FORCE MAINS, AND STORM SEWERS SHOULD ALWAYS CROSS UNDERNEATH WATER MAINS. INSTALLATIONS OF SANITARY SEWERS, FORCE MAINS AND STORM SEWERS, AT CROSSINGS OF WATER MAINS, SHALL BE PERFORMED SO AS TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE, WHENEVER POSSIBLE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS AND WATER JOINTS SHALL BE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN 10 FEET BETWEEN ANY TWO JOINTS.

   WHERE SANITARY SEWERS, FORCE MAINS, AND STORM SEWERS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP). AT THE CROSSING. (DIP IS NOT REQUIRED FOR STORM SEWERS IF IT IS NOT AVAILABLE IN THE SIZE PROPOSED.). SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO (2) JOINTS IN LEIU OF DIP. THE SANITARY SEWER MAY BE PLACED IN A SLEEVE FOR 20 FEET CENTERED ON THE POINT OF CROSSING. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE LEAK FREE AND MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF SIX (6) INCHES MUST BE MAINTAINED AT THE CROSSING.

   WHERE THERE IS NO ALTERNATIVE TO SEWER PIPES CROSSING OVER WATER MAINS, THE CRITERIA FOR MINIMUM SEPARATION OF 18 INCHES BETWEEN LINES, AND 10 FEET BETWEEN JOINTS CENTERED AT THE POINT OF CROSSING SHALL BE REQUIRED. THE WATER MAIN SHALL BE PLACED IN A SLEEVE FOR 20 FEET CENTERED ON THE POINT OF CROSSING. ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN.

   ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (ie. PIPES CENTERED ON THE CROSSING).

   WHERE A PROPOSED PIPE CONFLICTS WITH AN EXISTING PIPE, THE PROPOSED PIPE SHALL BE CONSTRUCTED OF DIP, AND THE CROSSING SHALL BE ARRANGED SO AS TO SATISFY THE REQUIREMENTS IDENTIFIED ABOVE.

   WHEN THE RECLAIMED WATER LINE IS TRANSPORTING WATER FOR PUBLIC ACCESS IRRIGATION:
   MAXIMUM OBTAINABLE SEPARATION OF RECLAIMED WATER LINES AND DOMESTIC WATER LINES SHALL BE PRACTICED. A MINIMAL HORIZONTAL SEPARATION OF FIVE FEET (CENTER TO CENTER) OR THREE FEET (OUTSIDE TO OUTSIDE) SHALL BE MAINTAINED BETWEEN RECLAIMED WATER LINES AND EITHER POTABLE WATER MAINS OR SEWAGE COLLECTION LINES. AN 18 INCH VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS.
2. A MINIMUM 10 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER (INCLUDING FORCE MAINS) AND EXISTING OR PROPOSED WATER MAINS. IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE. THE DISTANCE FOR SEPARATION SHALL BE MEASURED EDGE TO EDGE.

   IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE INSTALLED IN A SEPARATE TRENCH, OR IN AN UNDISTURBED EARTH SHELF, LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN, AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE, AND WATER AND SEWER JOINTS SHALL BE STAGGERED.

   WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES, IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP (IF AVAILABLE IN THE SIZE PROPOSED), WITH A MINIMUM VERTICAL DISTANCE OF SIX (6) INCHES. THE WATER MAIN SHOULD ALWAYS BE LOCATED ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (ie. STAGGERED JOINTS).
3. ALL DIP PIPE SHALL BE CLASS 50 OR HIGHER. REFER TO NOTE #'S: 6, 9 & 10 BELOW FOR ADDITIONAL DIP SPECIFICATIONS. ADEQUATE MEASURES AGAINST CORROSION SHALL BE UTILIZED.
4. ALL PVC PIPE SHALL BE SOLID WALL POLYVINYL CHLORIDE PIPE AND COMPLY WITH ASTM D 3034 AND ALL APPLICABLE ASTM DOCUMENTS AS COVERED IN SECTION No. 2 OF ASTM D 3034. MAIN LINES SHALL BE A MINIMUM OF 8" DIAMETER. AND LATERALS SHALL BE A MINIMUM OF 4" DIAMETER. FIRE LINES/PIPES SHALL MEET NFPA STANDARDS.
5. ALL SANITARY SEWER MAINS, LATERALS AND FORCE MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER, UNLESS OTHERWISE NOTED ON PLANS.
6. ALL GRAVITY SEWERS MUST BE SDR 35 PVC OR DIP CLASS 54 PIPE, EXCEPT FOR PIPE DEEPER THAN 10 FEET, IN WHICH CASE SDR 26 PIPE SHALL BE USED. ELASTOMERIC GASKET JOINTS SHALL BE UTILIZED FOR PVC PIPE, AND SHALL COMPLY WITH ASTM F477, ASTM D3034 AND ASTM F679. JOINTS SHALL COMPLY WITH ASTM D3212, (OR COMPLY WITH CITY/COUNTY STANDARDS).
7. ALL ON-SITE PVC FORCE MAINS (IF REQUIRED) SHALL BE CLASS 200, DR 14 FOR 4" DIAMETER, AND CLASS 150, DR 18 FOR 6" TO 12" DIAMETER PIPE, IN ACCORDANCE WITH AWWA C900 STANDARDS. PVC FORCE MAIN PIPE SMALLER THAN 4" DIAMETER SHALL BE CLASS 200, SDR 21. IN ACCORDANCE WITH ASTM D 2241. FORCE MAINS SHALL BE SPIRAL WRAPPED WITH 2 INCH WIDE DARK GREEN STICK-ON VINYL TAPE. FORCE MAINS WITHIN THE RIGHT-OF-WAY SHALL BE CLASS 52 DIP, MINIMUM 4" DIAMETER.
8. ALL SANITARY MANHOLES SHALL BE LOCATED NO MORE THAN 400 FEET APART AND SHALL CONFORM TO THE DETAILS CONTAINED HEREIN, AS WELL AS WITH ASTM C478.
9. ALL DUCTILE IRON PIPE SHALL MEET REQUIREMENTS OF AWWA C151, ANSI SPEC. A21.51.
10. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE PROVIDED WITH A CREMATIC EPOXY INTREIOR LINING EQUAL TO PROTECTO 401 PER PCU TSSM 55.4.4. ALL DIP PIPE SHALL HAVE A STANDARD OUTSIDE COATING COMPLYING WITH ASTM C151-8.1, (OR COMPLY WITH CITY/COUNTY STANDARDS).
11. ALL SLOPES FOR GRAVITY SEWER MAINS AND SERVICE CONNECTIONS SHALL COMPLY WITH THE FOLLOWING MINIMUM GRADES: 6" @ 1.00%, 8" @ 0.32%.
12. ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE CITY OF APOPKA UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS.
13. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING PROPOSED FACILITIES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION(S) OF EXISTING CONNECTION POINT(S) AND NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
14. SANITARY SEWER MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE MAIN LINES.
15. FORCE MAINS SHALL HAVE SUITABLE MAGNETIC LOCATOR TAPE(S) BURIED AT LEAST 18 INCHES ABOVE THE FORCE MAIN.

TESTING AND INSPECTION REQUIREMENTS: (SANITARY):

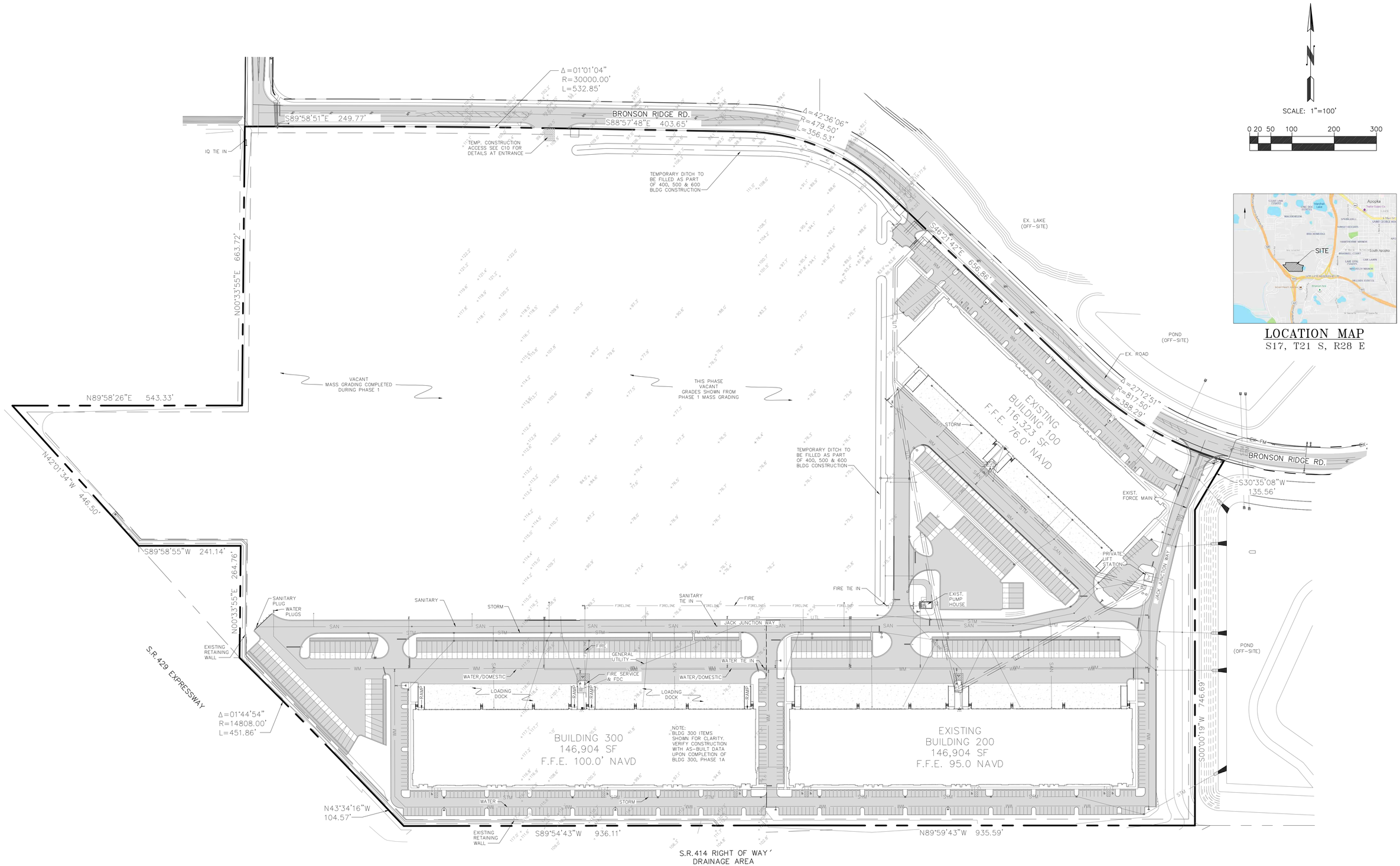
1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER AND APPLICABLE MUNICIPALITY/AGENCY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH A TELEVISED INSPECTION (TV) OF THE PROPOSED GRAVITY SEWER LINE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COPIES OF THE TV INSPECTION TAPE TO THE ENGINEER, THE OWNER AND THE APPLICABLE MUNICIPALITY/AGENCY.
2. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON ALL GRAVITY SEWERS AS WELL AS LOW PRESSURE AIR TEST FOR GAVITY MH'S IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
3. ALL FORCE MAINS (IF APPLICABLE) SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
4. TESTING AND COORDINATING PAPERWORK/REPORTS/FEES, ETC. FOR SEWER CERTIFICATION SHALL BE CONTRACTORS RESPONSIBILITY.
5. RECORD DRAWINGS SHALL BE SUBMITTED BY FL. REG. SURVEYOR TO THE ACCEPTANCE OF GOVERNING AGENCIES.

WATER SYSTEM NOTES :

1. SANITARY SEWERS, FORCE MAINS, AND STORM SEWERS SHOULD ALWAYS CROSS UNDERNEATH WATER MAINS. INSTALLATIONS OF SANITARY SEWERS, FORCE MAINS AND STORM SEWERS, AT CROSSINGS OF WATER MAINS, SHALL BE PERFORMED SO AS TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE, WHENEVER POSSIBLE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS AND WATER JOINTS SHALL BE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN 10 FEET BETWEEN ANY TWO JOINTS.

   WHERE SANITARY SEWERS, FORCE MAINS, AND STORM SEWERS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED O

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SCALE: 1"=100'

0 20 50 100 200 300

LOCATION MAP
S17, T21 S, R28 E

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

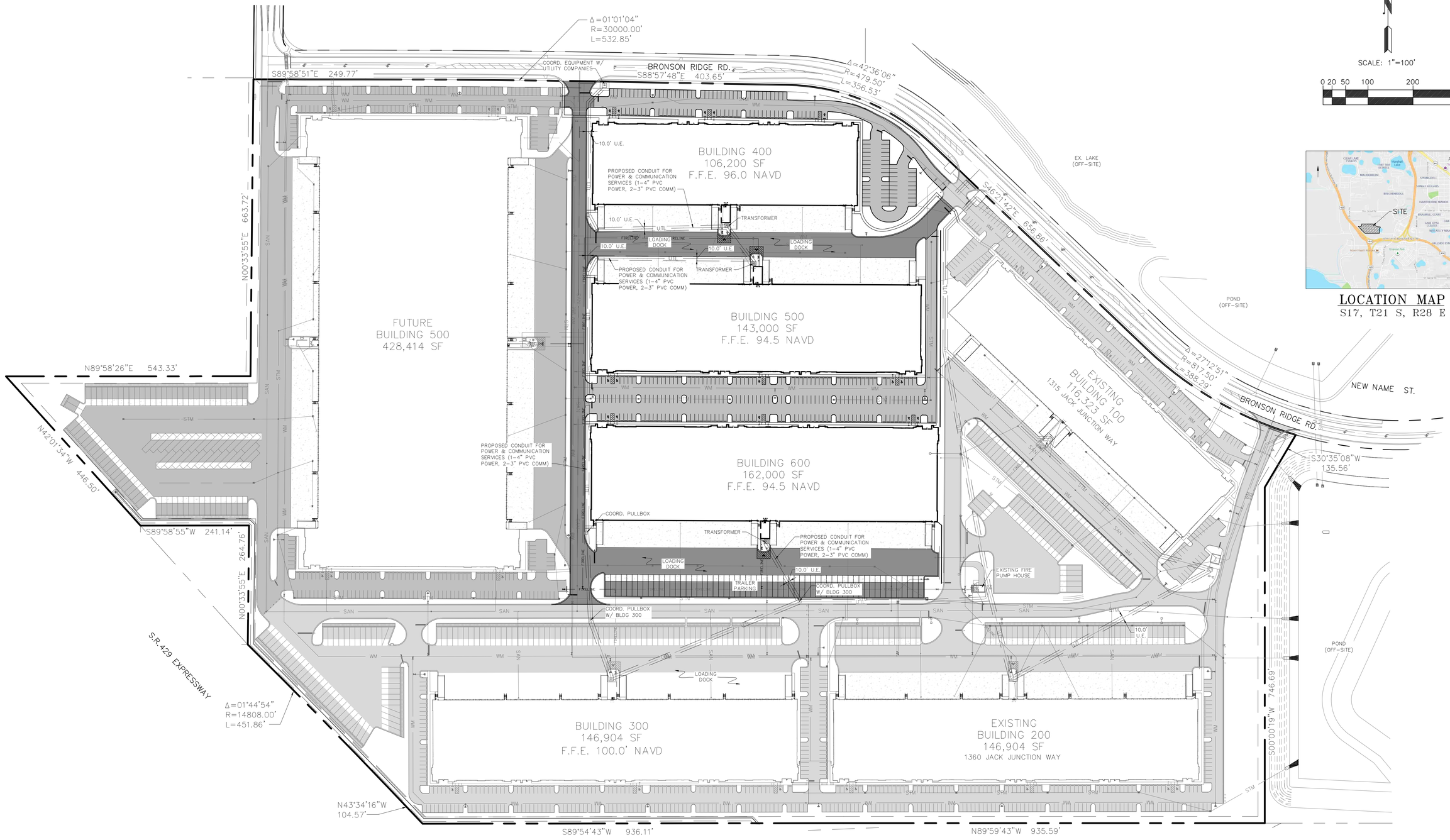
EXISTING CONDITIONS

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

DIGITAL SEAL DATE 3/10/26

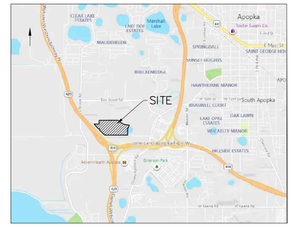
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SHEET TYPE
SHEET 1 OF 1
JOB # 26-001

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SCALE: 1"=100'

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LOCATION MAP
S17, T21 S, R28 E

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CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

GENERAL UTILITY PLAN

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/10/26

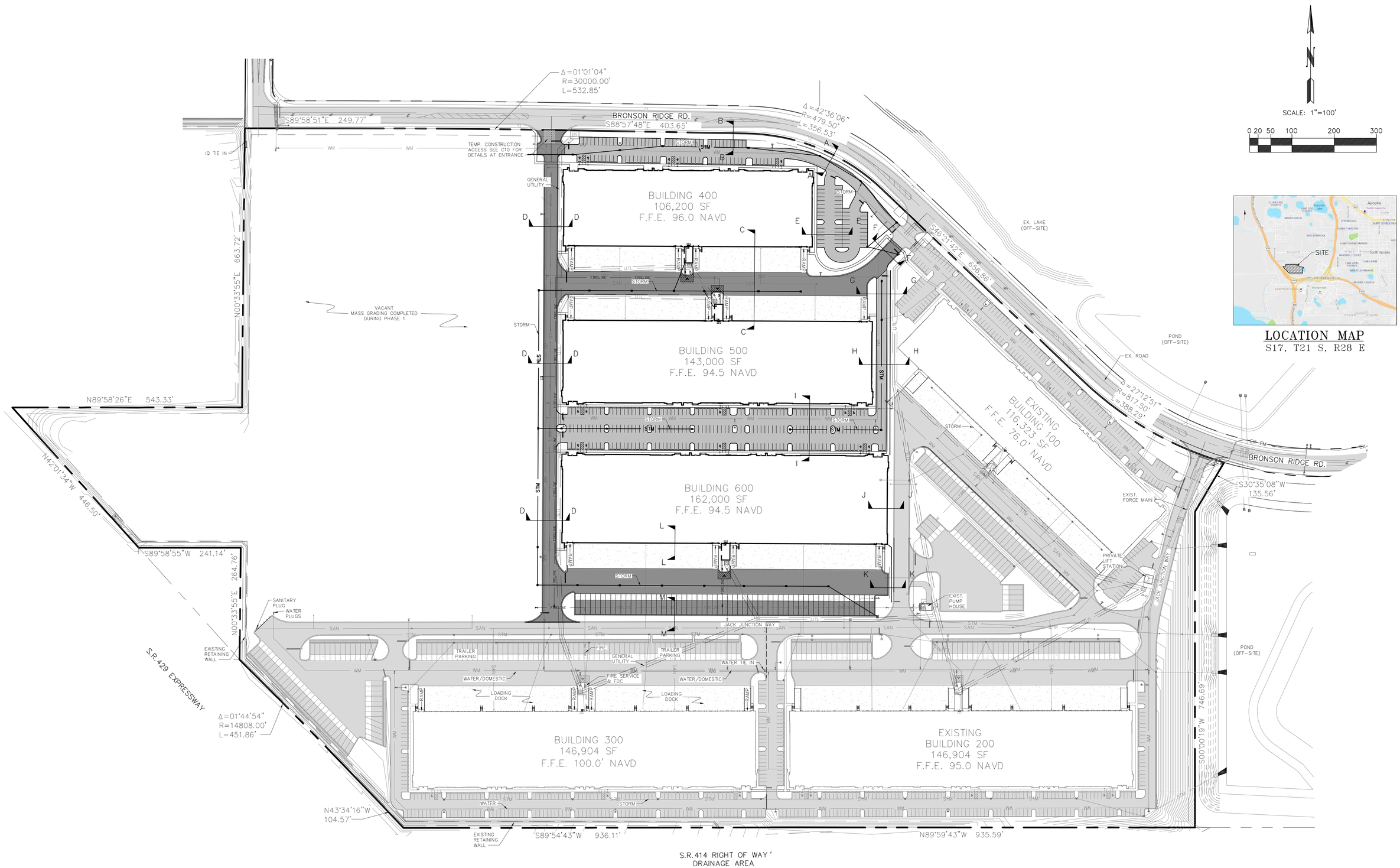
DIGITAL SEAL DATE 3/10/26

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SHEET 1 OF 1

JOB # 26-001

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CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

PAVING, GRADING & DRAINAGE
OVERVIEW PLAN

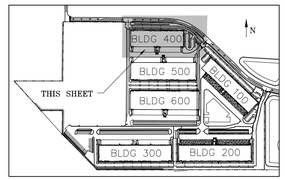
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MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C1.1
SHEET TYPE
SHEET 1 OF 12
JOB # 26-001

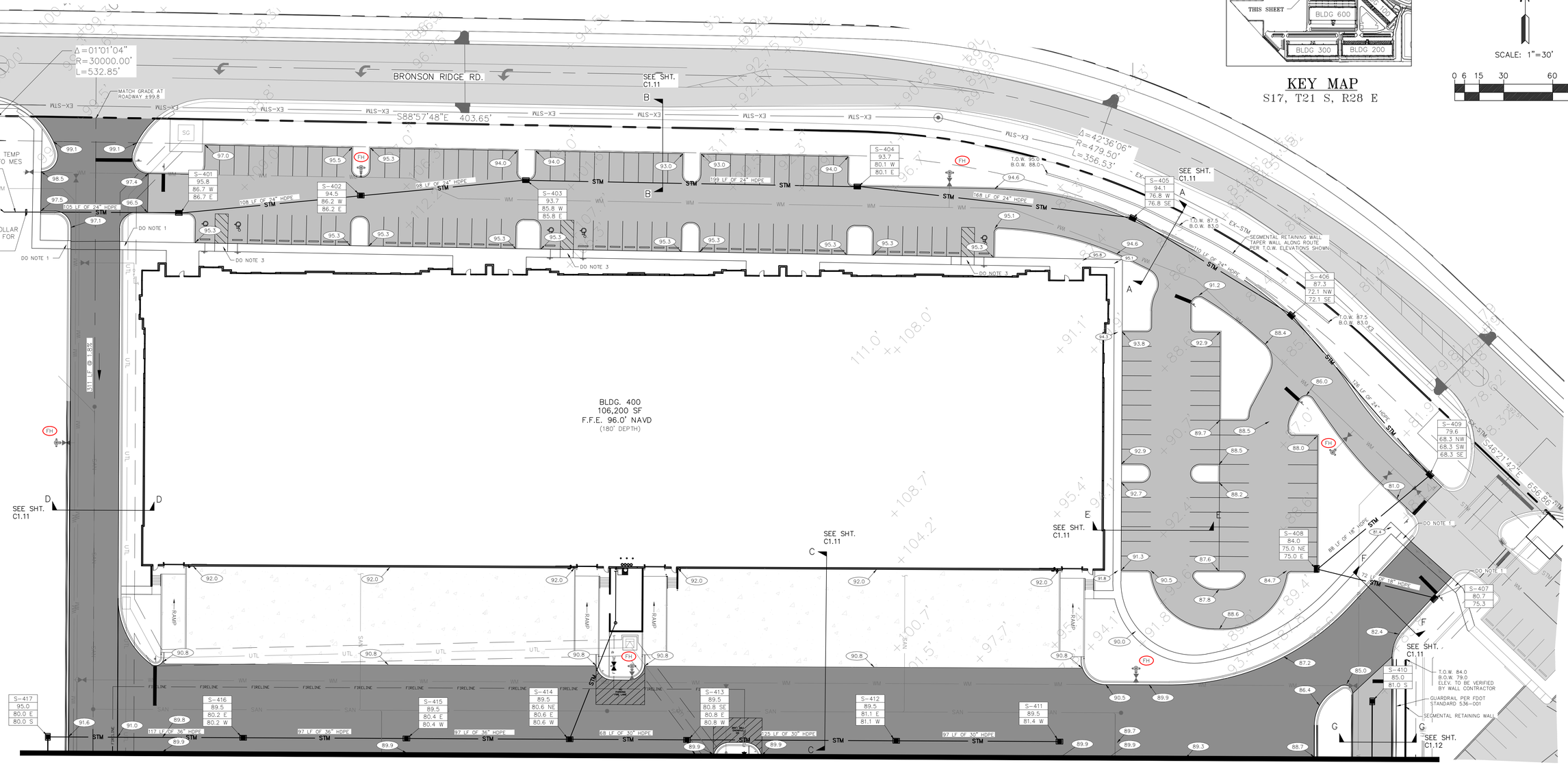
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NOTES:
1. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-E
2. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-D
3. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-C



KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'
0 6 15 30 60 90



MATCHLINE A
(SEE SHEET C1.3)

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www.smiley-associates.com
EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

PAVING, GRADING & DRAINAGE PLAN

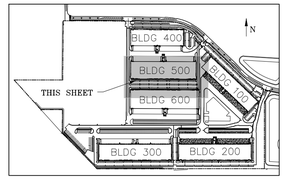
DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C1.2
SHEET TYPE
SHEET 2 OF 12
JOB # 26-001

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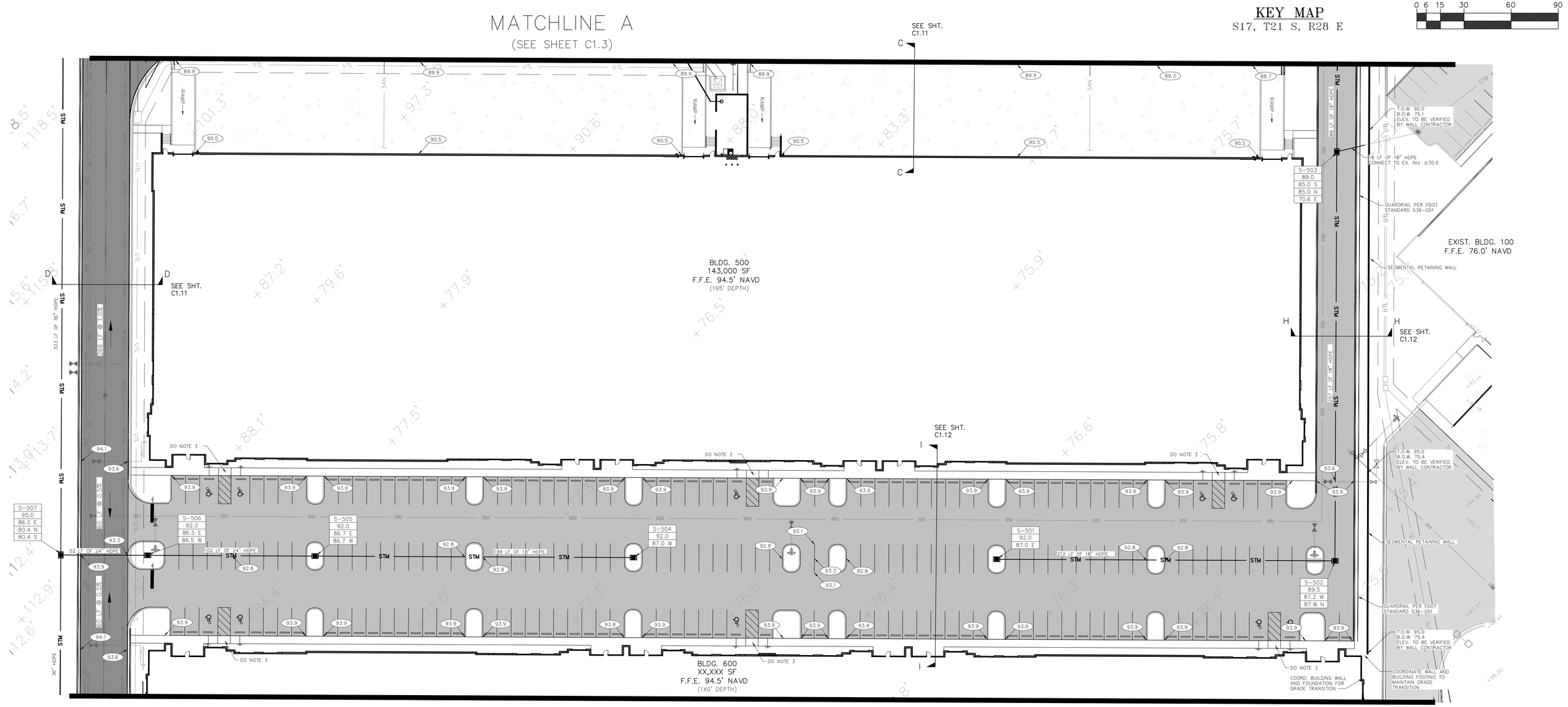
NOTES:
1. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-E
2. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-D
3. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-C



KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'

0 6 15 30 60 90



MATCHLINE B
(SEE SHEET C1.4)

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REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
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RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

PAVING, GRADING & DRAINAGE PLAN

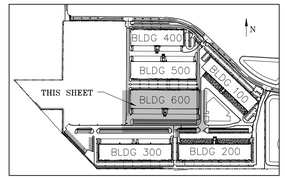
DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 3/10/26 STATE OF FLORIDA PROFESSIONAL ENGINEER

C1.3
SHEET TYPE
SHEET 3 OF 12
JOB # 26-001

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NOTES:
1. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-E
2. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-D
3. CONST. CURB RAMP PER FDOT INDEX 522-002, CR-C



KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'
0 6 15 30 60 90

MATCHLINE B
(SEE SHEET C1.3)

BLDG. 600
162,000 SF
F.F.E. 94.5' NAVD
(210' DEPTH)

BLDG 100 DRIVE
SEE BLDGS 100/200 LOGISTICS 429 AT APOPKA RIDGE SET FOR MORE INFORMATION

JACK JUNCTION WAY
SEE BLDG 300 LOGISTICS 429 AT APOPKA RIDGE SET FOR MORE INFORMATION

SEE SHT. C1.11
SEE SHT. C1.12

S-601: 89.8 | 80.0 N | 80.0 S
S-602: 89.8 | 79.9 N | 79.9 E
S-603: 89.8 | 79.8 W | 79.8 E
S-604: 89.8 | 79.7 W | 79.7 E
S-605: 89.8 | 79.6 W | 79.6 E
S-606: 89.8 | 79.5 W | 79.5 E
S-607: 89.8 | 79.4 W | 79.4 E
S-608: 89.8 | 79.3 W | 79.3 E
S-609: 89.8 | 79.2 W | 79.2 SE
S-60X: 88.7 | 78.92 W | 78.87 E

278 LF OF 36" HDPE STM
283 LF @ 0.42%
86 LF OF 36" HDPE STM
92 LF OF 42" HDPE STM
27 LF OF 42" HDPE STM
97 LF OF 42" HDPE STM
97 LF OF 42" HDPE STM
90 LF OF 42" HDPE STM
97 LF OF 42" HDPE STM
97 LF OF 42" HDPE STM
74 LF OF 42" HDPE STM

COORDINATE WALL AND BUILDING FOOTING TO MAINTAIN GRADE TRANSITION
T.O.W. 91.0
B.O.W. 83.0
ELEV. TO BE VERIFIED BY WALL CONTRACTOR
SEGMENTAL RETAINING WALL
GUARDRAIL PER FDOT STANDARD 536-001
T.O.W. 90.0
B.O.W. 85.3
ELEV. TO BE VERIFIED BY WALL CONTRACTOR

MATCH GRADE ±96.4
MATCH GRADE ±96.0
MATCH GRADE ±95.0

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CADDWG	AR

REVISION NOTES

REV.	DESCRIPTION	APRV	DATE

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
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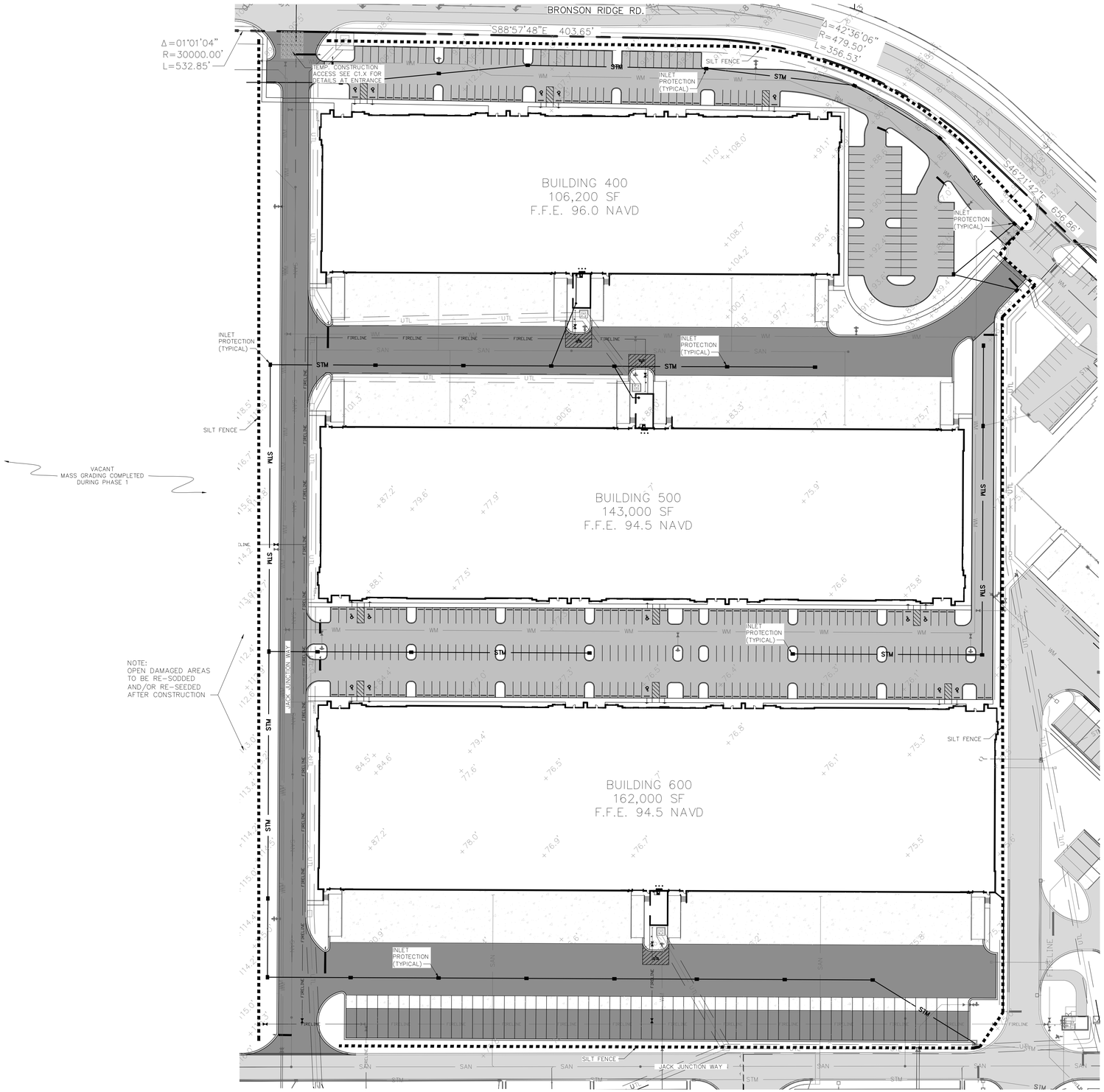
PAVING, GRADING & DRAINAGE PLAN

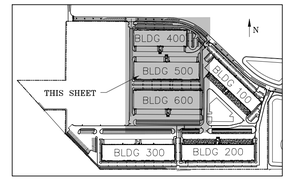
DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 3/10/26 STATE OF FLORIDA PROFESSIONAL ENGINEER

C1.4
SHEET TYPE
SHEET 4 OF 12
JOB # 26-001

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KEY MAP
S17, T21 S, R28 E



LOCATION MAP
S17, T21 S, R28 E

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REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

POLLUTION CONTROL PLAN

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/10/26

DIGITAL SEAL DATE 3/10/26

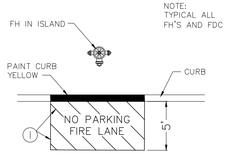
C1.5

SHEET TYPE

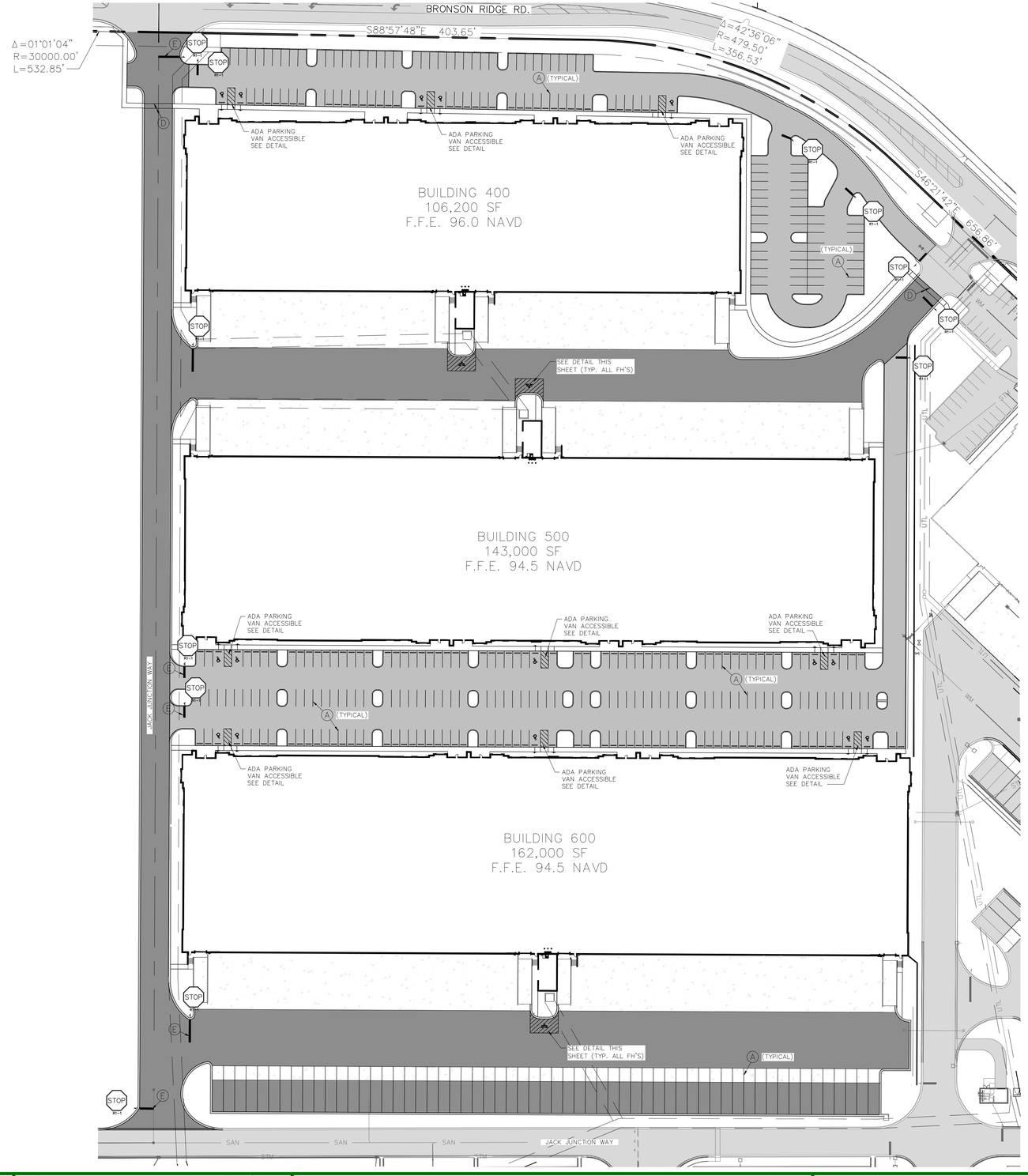
SHEET 5 OF 12

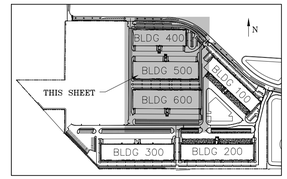
JOB # 26-001

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FIRE HYDRANT/FDC STRIPING DETAIL
SCALE: NTS





KEY MAP
S17, T21 S, R28 E



LOCATION MAP
S17, T21 S, R28 E

STRIPING KEY

A= 6" SOLID WHITE
B= 8" SOLID WHITE
C= 12" SOLID WHITE
D= 18" SOLID WHITE
E= 24" SOLID WHITE
F= 6" SKIP WHITE TYP. (10'-30')
G= 6" SKIP WHITE TYP (6'-10')
H= 6" SKIP WHITE TYP (2'-4')
I= 6" SOLID YELLOW
J= 18" SOLID YELLOW
K= 6" DOUBLE YELLOW
L= 6" SKIP YELLOW TYP. (10'-30')
M= 6" SKIP YELLOW TYP. (6'-10')
N= 6" SKIP YELLOW TYP. (2'-4')
P= RPM BI-DIRECTIONAL AMBER/AMBER
R= FDP WHITE
S= FDP YELLOW
T= RPM BI-DIRECTIONAL WHITE/RED
U= RPM BI-DIRECTIONAL RED/YELLOW

NOTE:
FIRE LANE STRIPING REQUIRED AT EACH FH AND FDC. SEE DETAIL SHEET THIS SHT.

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REVISION NOTES

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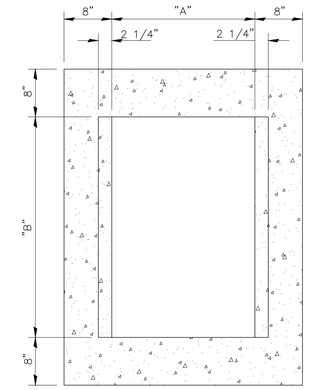
SIGNAGE & STRIPING PLAN

DIGITAL SEAL | DATE 3/10/26

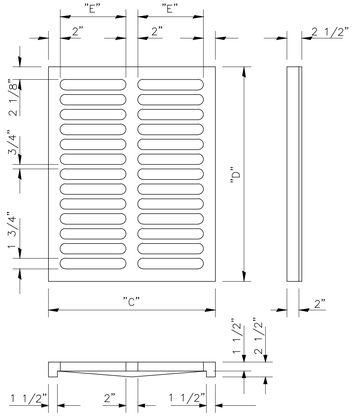
MARK C. SMILEY LICENSE NO. 54864 3/10/26 STATE OF FLORIDA PROFESSIONAL ENGINEER

C1.6
SHEET TYPE
SHEET 6 OF 12
JOB # 26-001

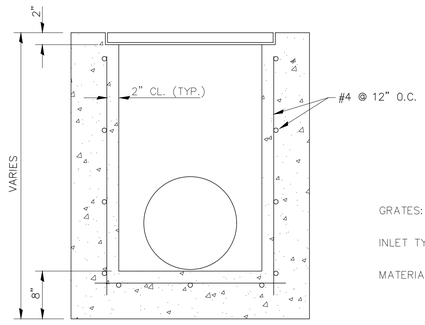
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PLAN



GRATE



SECTION

INLET TYPE	DIMENSIONS				
	"A"	"B"	"C"	"D"	"E"
"C"	2'-0"	3'-1"	2'-4"	3'-0"	11"
"E"	3'-0"	4'-6"	3'-4"	4'-4"	1'-5"

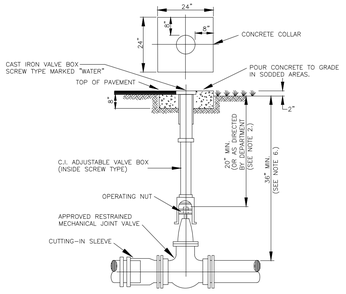
GRATES: IRON GRATES IN ACCORDANCE WITH DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

INLET TYPES: INLETS ARE TO BE SHOWN HEREON. REVOLVE POSITION TO ACCOMODATE LARGER DIAMETER PIPE SIZE.

MATERIAL: INLET WALLS AND FOOTING MAY BE EITHER POURED-IN-PLACE 2500 LB. CONCRETE; OR PRECAST CLASS "A" 3000 LB. CONCRETE; OR STANDARD MANHOLE BRICK (NO BLOCK) WITH 1/2" PLASTER (NO LIME) WITH 8" PRECAST CAP.

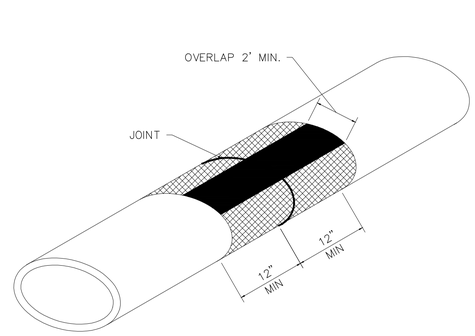
TYPE C & E INLET DETAIL (OUTSIDE ASPHALT PAVING)

SCALE: NONE

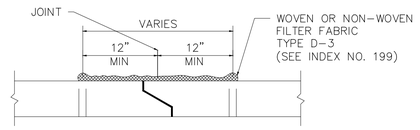


VALVEBOX IN PAVEMENT DETAIL

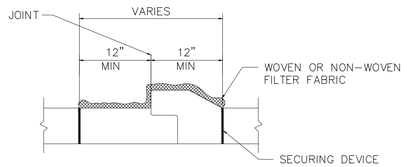
N.T.S.



ELLIPTICAL PIPE SHOWN
ISOMETRIC VIEW



ELLIPTICAL PIPE

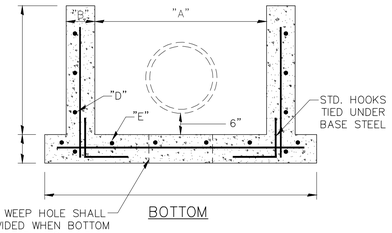


ROUND PIPE
PIPE SECTIONS

COST OF FILTERFBABRIC JACKET TO BE INCLUDED IN COST OF PIPE CULVERTS.

FOR ALL PIPE TYPES – CONCRETE PIPE SHOWN
FILTER FABRIC JACKET
N.T.S

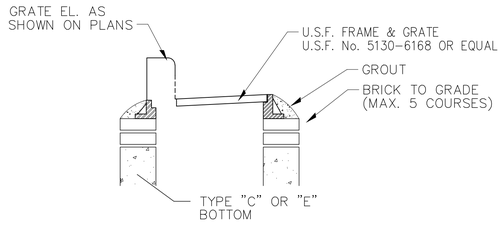
"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
4'-0"ø	8"	8"	#4 @ 12" C.C.E.W.	#4 @ 12" C.C.E.W.	6'-4"ø	5'-4"ø	#4 @ 6" C.C.E.W.
5'-0"ø	8"	8"	#5 @ 12" C.C.E.W.	#5 @ 12" C.C.E.W.	7'-4"ø	6'-4"ø	#5 @ 8" C.C.E.W.
6'-0"ø	8"	10"	#5 @ 12" C.C.E.W.	#5 @ 6" C.C.E.W.	8'-4"ø	7'-4"ø	#5 @ 6" C.C.E.W.
7'-0"ø	8"	10"	#5 @ 12" C.C.E.W.	#5 @ 6" C.C.E.W.	9'-4"ø	8'-4"ø	#5 @ 6" C.C.E.W.
8'-0"ø	10"	10"	2-W.W.M. W/ #4@ 12" C.C. VERT	#5 @ 6" C.C.E.W.	10'-8"ø	9'-8"ø	#5 @ 6" C.C.E.W.



BOTTOM

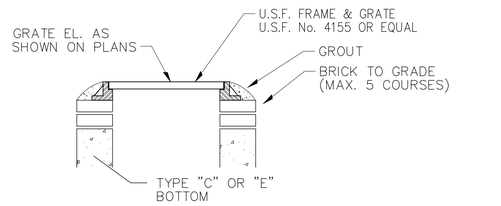
STORM MANHOLE & TYPE RI ROUND INLET

SCALE: NONE



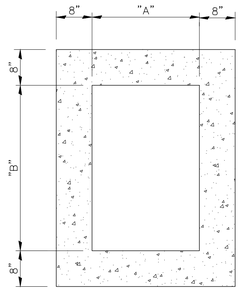
CURB INLET (HOODED GRATE)

SCALE: NONE

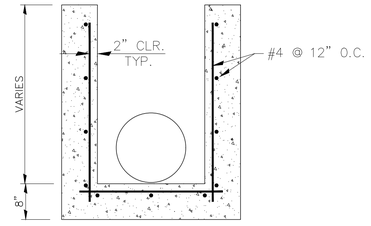


TYPE C & E TOP DETAIL

SCALE: NONE



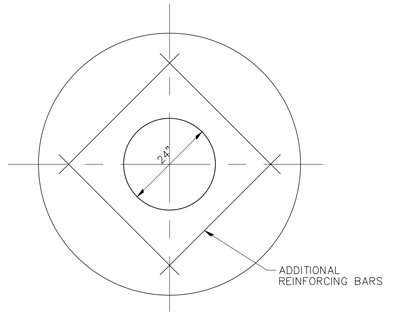
PLAN



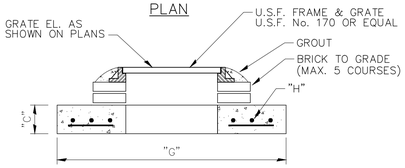
BOTTOM

TYPE C & E INLET DETAIL (IN ASPHALT PAVING)

SCALE: NONE



PLAN



STORM MANHOLE TOP

SCALE: NONE

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REVISION NOTES

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LOGISTICS 429 AT APOPKA RIDGE

FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

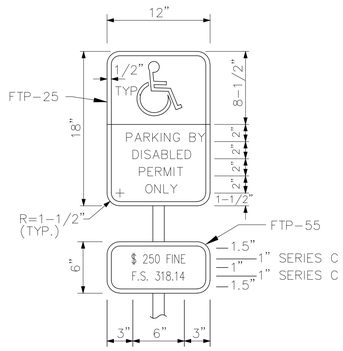
PAVING, GRADING & DRAINAGE DETAILS

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C1.7
SHEET TYPE
SHEET 7 OF 12
JOB # 26-001

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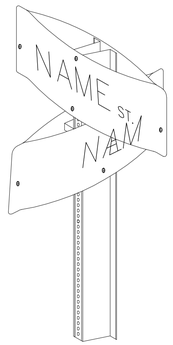
Notes: Sign FTP-20-04

1. All letters are 1" Series "C".
2. Top portion of sign shall have a reflectorized blue background with white reflectorized legend & border.
3. Bottom portion of sign shall have a reflectorized white background with black opaque legend & border.

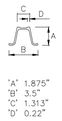
Notes: Sign FTP-22-04

1. All letters are 1" Series "C".
2. Background white, legend and border black.

HANDICAP SIGN
SCALE: NONE

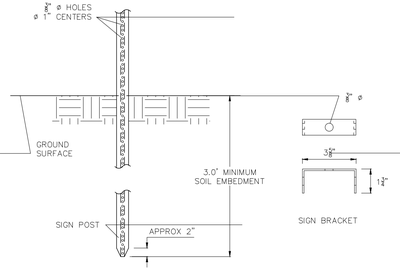


ISOLMETRIC VIEW

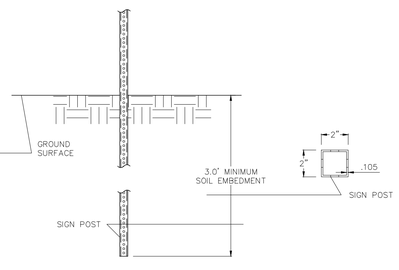


'A' 1.875"
'B' 3.5"
'C' 1.313"
'D' 0.22"

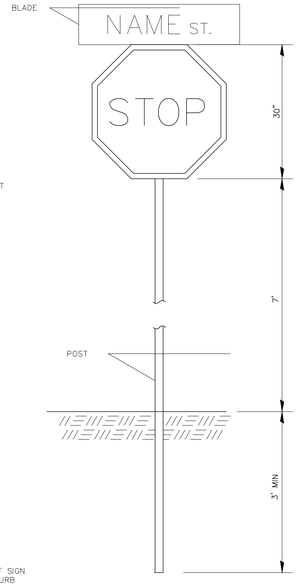
CHANNEL POST



STEEL FLANGED CHANNEL POST DETAILS



STEEL SQUARE TUBE POST DETAILS



GENERAL SPECIFICATIONS

FLATE BLADE: ALCOA #86054.606.3-T6 ALLOY, ETCHED, DEGREASED WITH #1200 ALODINE FINISH WITH #3677 GREEN HIGH INTENSITY BACKGROUND AND EQUAL DIMENSIONS – 9" & 12" MIN H, 24", 30" OR 36" L.

LETTERS: NAME – 6" & 9" SERIES 'B' #3870 HIGH INTENSITY (SILVER) OR EQUAL – SUFFIX – 4.5" SERIES AS ABOVE.

POST: STEEL FLANGED CHANNEL POST 3LBS. PER FOOT BACKED GREEN ALKYD OR GALVANIZED FINISH PER A.S.T.M. A-123 WITHOUT ANCHOR PLATES. SQUARE POST PER FDOT INDEX 11865.

BRACKETS SHALL BE ATTACHED FIRMLY ON THE STANDARD SQUARE TUBE OR U-CHANNEL POSTS BY MEANS OF (2) 7/16" DIAMETER HEX HEAD BOLTS.

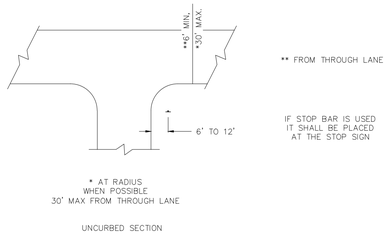
STOP SIGN: R1-1 MUTCD – 30" (HIGH INTENSITY)

LOCATION: ONE PER INTERSECTION AS INDIACTED ON THE PLANS.

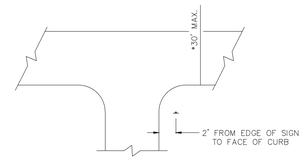
POLICY: 9" BLADES WITH 6" LETTERS FOR TWO LANE ROADS WITH A SPEED LIMIT UNDER 45 MPH.

12" BALDES WITH 9" LETTERS
–THOROUGHFARE ROADS FOUR LANES OR WIDER.
–TWO LANE ROADS WITH A POSTED SPEED LIMIT OF 45 MPH OR MORE.

ONLY ONE BLADE WILL BE USED INDICATEING THE SIDE STREET NAME.

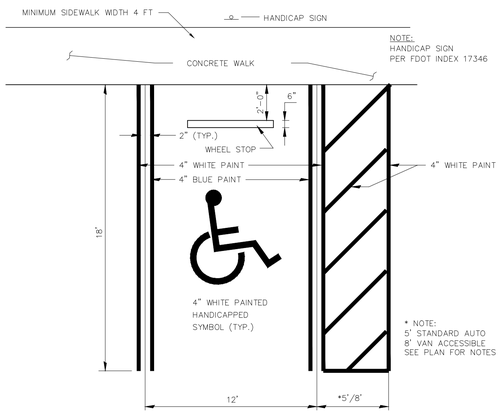


TYPICAL STOP SIGN PLACEMENT



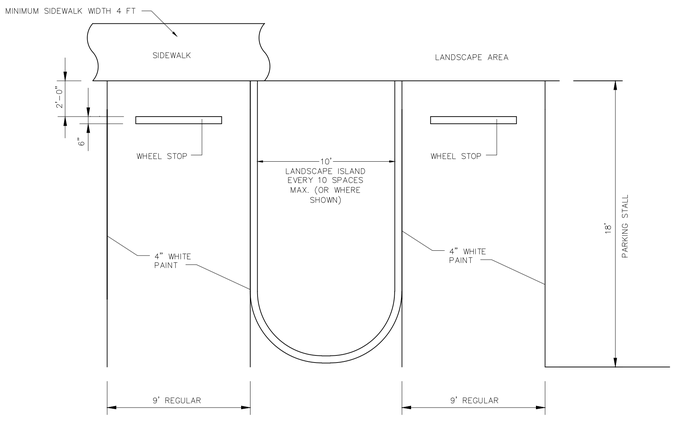


STREET NAME SIGN
(SNS) OR (D-3)



NOTES:
1. PARKING SPACES ADJACENT TO BUILDING SHALL INCLUDE WHEELSTOPS.
2. PARKING SPACES ADJACENT TO INTERNAL WALKS SHALL INCLUDE WHEELSTOPS TO ENSURE MINIMUM SIDEWALK WIDTH OF 4 FT.

HANDICAP PARKING STALL
SCALE: NTS



TYPICAL PARKING STALL WITH SIDEWALK
N.T.S.

TYPICAL PARKING STALL WITH LANDSCAPE
N.T.S.

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

STRIPING & SIGNAGE DETAILS

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C1.9
SHEET TYPE
SHEET 9 OF 12
JOB # 26-001

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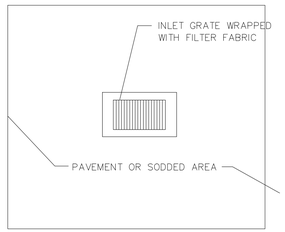
NOTES:

1. ALL STORM SEWER INLET GRATES TO BE COVERED WITH FILTER FABRIC DURING CONSTRUCTION.

2. CUT AND FILL SLOPES TO BE CONSTRUCTED IN A MANNER THAT WILL PROVIDE FOR DRAINAGE TOWARD THE CENTER OF THE PROJECT AND A POLLUTION PREVENTION DEVICE. WHERE THIS IS NOT POSSIBLE SILT FENCES IWLL BE PROVIDED SUCH THAT ALL RUNOFF FROM THE SITE WILL PASS THRU A POLLUTION PREVENTION DEVICE PRIOR TO DISCHARGE.

3. FLOATING TURBIDITY BARRIERS TO BE USED WHEN INSTALLING OUTFALL PIPES INTO EXISTING LAKES OR CANALS AND DURING ANY DEWATERING PROCESSES WHICH DISCHAGES DIRECTLY INTO LAKES.

4. CONSTRUCTION VEHICLE ACCESS ROUTES SHALL BE SWEPT CLEAN OF SEDIMENT, CONCRETE AND OTHER CONSTRUCTION MATERIALS ON A WEEKLY BASIS. ALL CONSTRUCTION VEHICLES SHALL UTILIZE THE TRUCK WASH AREA PRIOR TO EXITING THE SITE TO REMOVE ANY SEDIMENT AND PREVENT SEDIMENT FROM ENTERING ROAD.

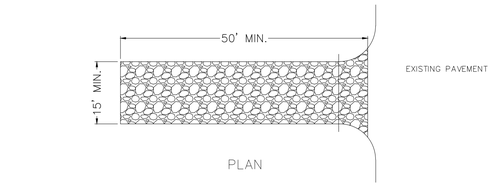


INLET PROTECTION

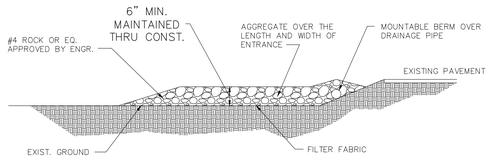
SCALE: NONE

DESIGN CRITERIA:

1. A STABILIZED CONSTRUCTION ENTRANCE (SCE) IS APPROPRIATE IN THE FOLLOWING LOCATIONS:
   A. WHEREVER VEHICLES ARE LEAVING A CONSTRUCTION SITE AND ENTER ONTO A PUBLIC ROAD.
   B. AT ANY UNPAVED ENTRANCE/EXIT LOCATION WHERE THERE IS RISK OF TRANSPORTING MUD OR SEDIMENT ONTO PAVED ROAD.
2. THE WIDTH SHOULD BE AT LEAST 10 FEET TO 12 FEET OR AS WIDE AS THE ENTIRE WIDTH OF THE ACCESS. AT SITES WHERE TRAFFIC VOLUME IS HIGH, THE ENTRANCE SHOULD BE WIDE ENOUGH FOR TWO VEHICLES TO PASS SAFELY.
3. RUNOFF FROM A STABILIZED CONSTRUCTION ENTRANCE SHOULD DRAIN TO A SEDIMENT TRAP OR SEDIMENT BASIN.
4. PRIOR TO PLACING GEOTEXTILE (FILTER FABRIC) MAKE SURE THAT THE ENTRANCE IS PROPERLY GRADED AND COMPACTED.
5. INSPECT THE STABILIZED CONSTRUCTION ENTRANCE ON A REGULAR BASIS AND AFTER THERE HAS BEEN A HIGH VOLUME OF TRAFFIC OR STORM EVENT. APPLY ADDITIONAL STONE PERIODICALLY AND WHEN REPAIR IS REQUIRED.
6. IMMEDIATELY REMOVE SEDIMENTS OR ANY OTHER MATERIALS TRACKED ONTO THE PUBLIC ROADWAY.



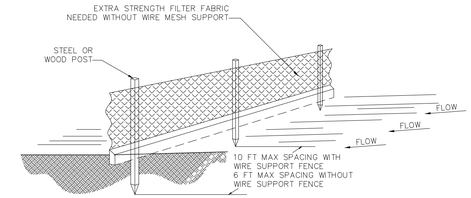
PLAN

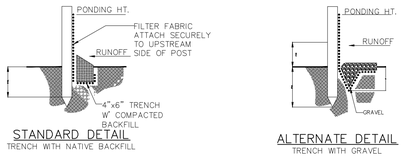


PROFILE

STABLIZED CONSTRUCTION ENTRANCE

N.T.S.





STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

ALTERNATE DETAIL
TRENCH WITH GRAVEL

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.

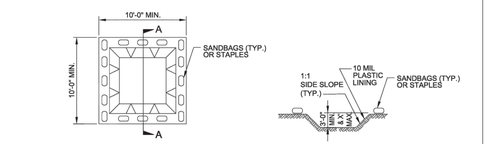
SILT FENCE DETAIL

N.T.S.

STORMWATER POLLUTION PREVENTION NOTES

1. THIS PLAN SHALL BE AVAILABLE ON-SITE AT ALL TIMES DURING THE SITEWORK CONSTRUCTION.
2. THE "LIMITS OF DISTURBANCE" LINE SHOWN ON THIS PLAN INDICATES THE POINT BEYOND WHICH THE EXISTING VEGETATION SHOULD NOT BE IMPACTED.
3. STORMWATER POLLUTION PREVENTION MEASURES SHOWN HEREIN ARE THE MINIMUM REQUIRED. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ERECTING AND MAINTAINING AN EROSION AND SEDIMENT CONTROL SYSTEM TO MEET ORANGE COUNTY, SOUTH FLORIDA WATER MANAGEMENT DISTRICT, AND FDEP NPDES REQUIREMENTS.
4. EACH AREA OF THE SITE SHALL NOT BE DISTURBED UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED. DISTURBED AREAS SHALL BE COVERED OR STABILIZED AS SOON AS POSSIBLE.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE AREA THEY PROTECT HAS BEEN SODDED, PAVEMENT HAS BEEN PLACED, OR THE AREA IS OTHERWISE COMPLETELY STABILIZED.
6. ALL DISTURBED AREAS OF THE SITE SHALL BE INSPECTED BY QUALIFIED PERSONNEL OF THE RESPONSIBLE CONTRACTOR EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER EVERY RAINFALL EVENT OF 0.25 INCHES OR MORE TO ASSESS THE INTEGRITY OF THE EROSION AND SEDIMENT CONTROLS. THE INSPECTOR SHALL NOTE ANY DAMAGE OR DEFICIENCIES IN THE CONTROL MEASURES IN AN INSPECTION REPORT. PROBLEM AREAS SHALL BE CORRECTED BY THE RESPONSIBLE CONTRACTOR WITHIN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.
7. THE CONTRACTOR SHALL KEEP A RECORD OF CONSTRUCTION ACTIVITIES INCLUDING DATES WHEN MAJOR GRADING ACTIVITIES OCCUR IN A PARTICULAR AREAS, DATES WHEN CONSTRUCTION ACTIVITIES CEASE IN AN AREA, WHETHER TEMPORARILY OR PERMANENTLY, AND DATES WHEN AN AREA IS STABILIZED.
8. IF A CHANGE IN CONSTRUCTION SCHEDULE OCCURS OR THIS PLAN PROVES, THROUGH REGULAR INSPECTIONS, TO BE LACKING, SMILEY & ASSOCIATES, INC. SHALL BE NOTIFIED SO THAT PLAN MODIFICATIONS CAN BE MADE.
9. NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO ALLOW RAINFALL RUNOFF DIRECTLY FROM THE PROJECT SITE.
10. INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT-LADEN STORMWATER RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
11. IF, AFTER FOURTEEN DAYS, GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75% GOOD GRASS COVER, THOSE AREAS SHALL BE REWORKED AND ADDITIONAL SEED OR SOD APPLIED TO ESTABLISH THE DESIRED VEGETATIVE COVER.
12. FOR WET STORMWATER PONDS, THE POND SLOPES SHALL BE SOLID SODDED TO THE NORMAL CONTROL ELEVATION.
13. ALL EXPOSED AREAS WITHIN PUBLIC RIGHTS-OF-WAY SHALL BE SOLID SODDED. OTHER NON-POND AREAS WITH SLOPES STEEPER THAN 4:1 SHALL BE SODDED AND STAKED AS NECESSARY.
14. TURF REINFORCEMENT MATS SHALL BE INSTALLED WHERE STORMWATER PIPES OUTFALL AT GRADE OR IN SPREADER SWALES.
15. IF CONSTRUCTION OCCURS ALONG A WATER BODY, TURBIDITY BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDEX 103.
16. A NOTICE OF TERMINATION FOR THE NPDES CONSTRUCTION GENERAL PERMIT SHALL BE SUBMITTED TO THE FDEP NPDES STORMWATER NOTICES CENTER WITHIN 14 DAYS OF THE DATE WHEN ALL AREAS OF THE SITE NOT OTHERWISE COVERED BY A PERMANENT PAVEMENT OR STRUCTURE HAVE BEEN STABILIZED WITH A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OR GREATER.

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

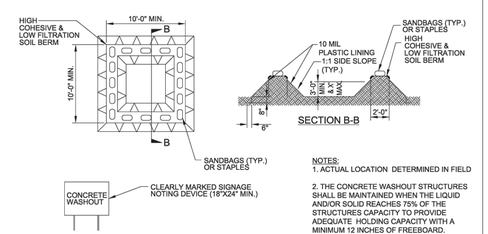


SECTION A-A

NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE



SECTION B-B

NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

CONCRETE WASH OUT AREA DETAIL

N.T.S.

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

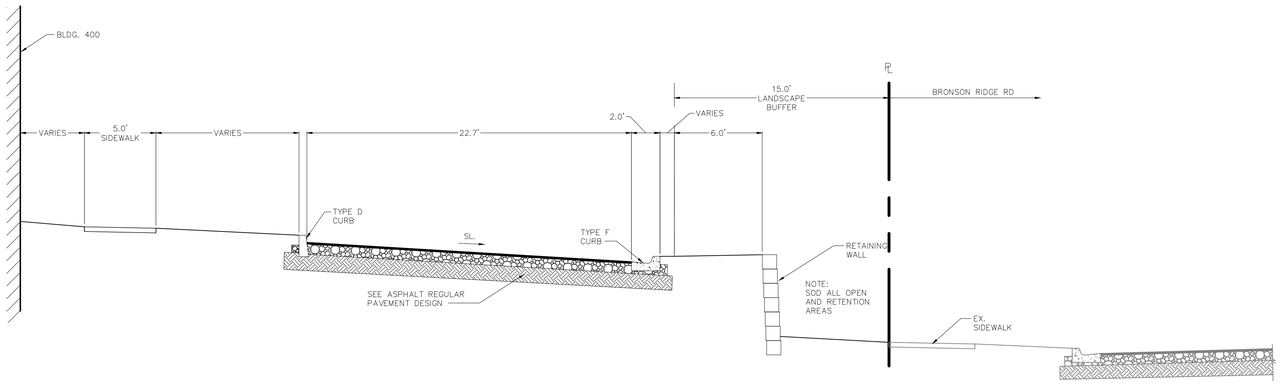
POLLUTION CONTROL DETAILS

DIGITAL SEAL | DATE 3/10/26

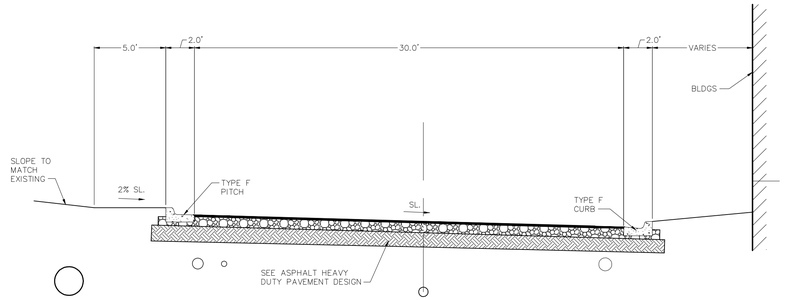
MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C1.10
SHEET TYPE
SHEET 10 OF 12
JOB # 26-001

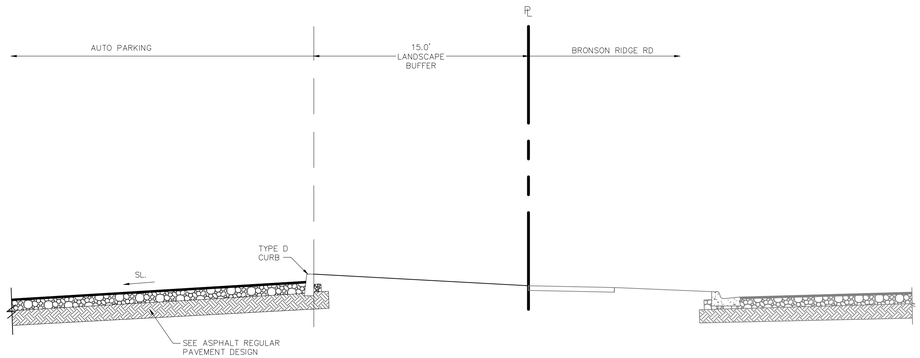
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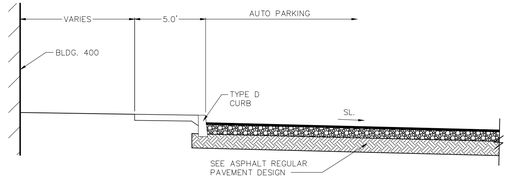
SECTION A–A
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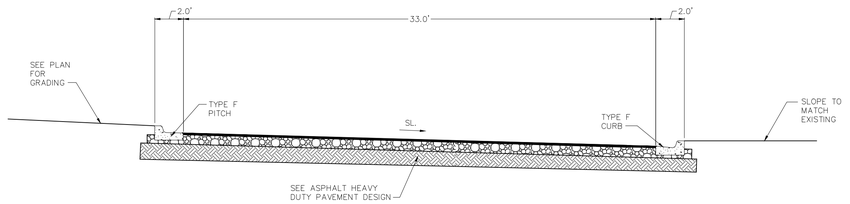
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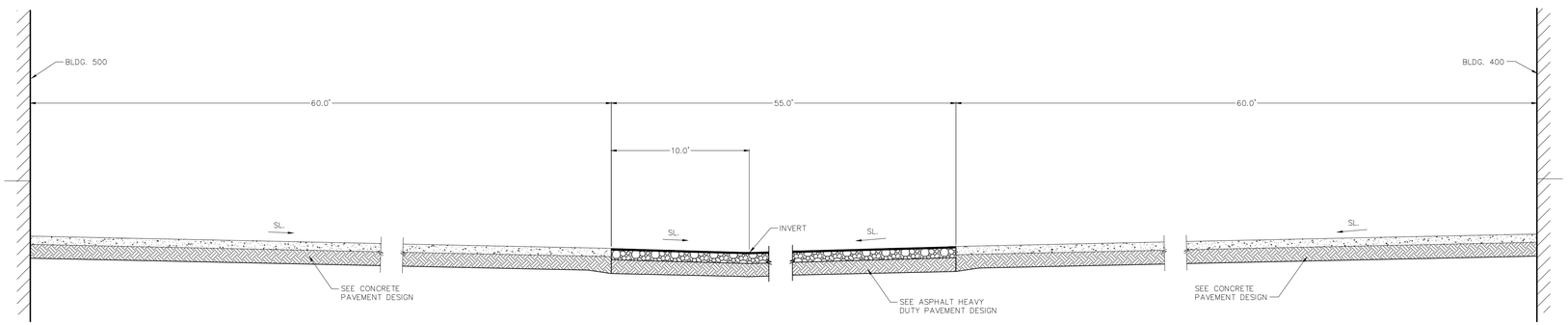
SECTION B–B
SCALE: 1"=5'



SECTION E–E
SCALE: 1"=5'



SECTION F–F
SCALE: 1"=5'



SECTION C–C
SCALE: 1"=5'

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CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

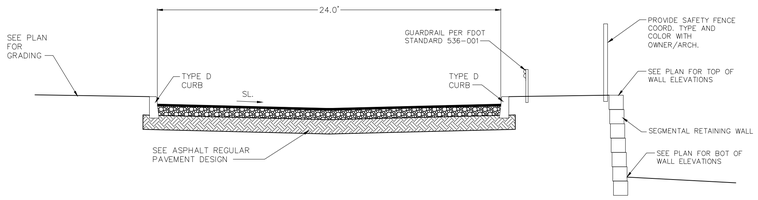
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DIGITAL SEAL | DATE 3/10/26

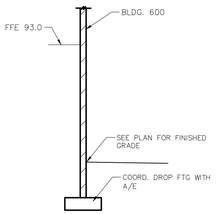
MARK C. SMILEY
LICENSE
NO. 54864
3/10/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

C1.11
SHEET TYPE
SHEET 11 OF 12
JOB # 26-001

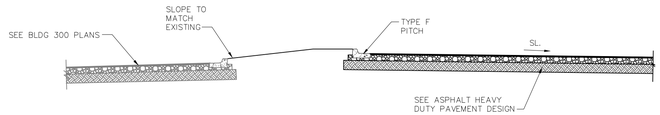
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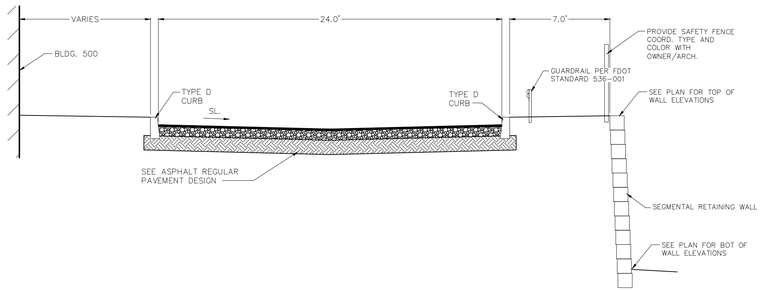
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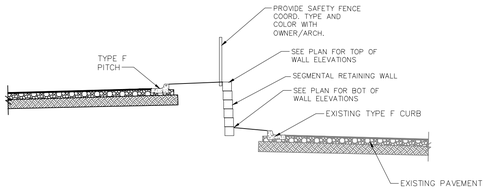
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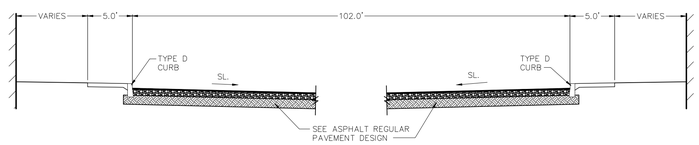
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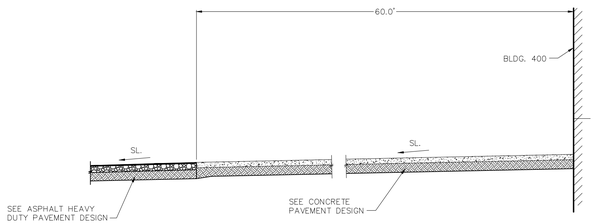
SECTION H–H
SCALE: 1"=5'



SECTION K–K
SCALE: 1"=5'



SECTION I–I
SCALE: 1"=5'



SECTION L–L
SCALE: 1"=5'

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DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

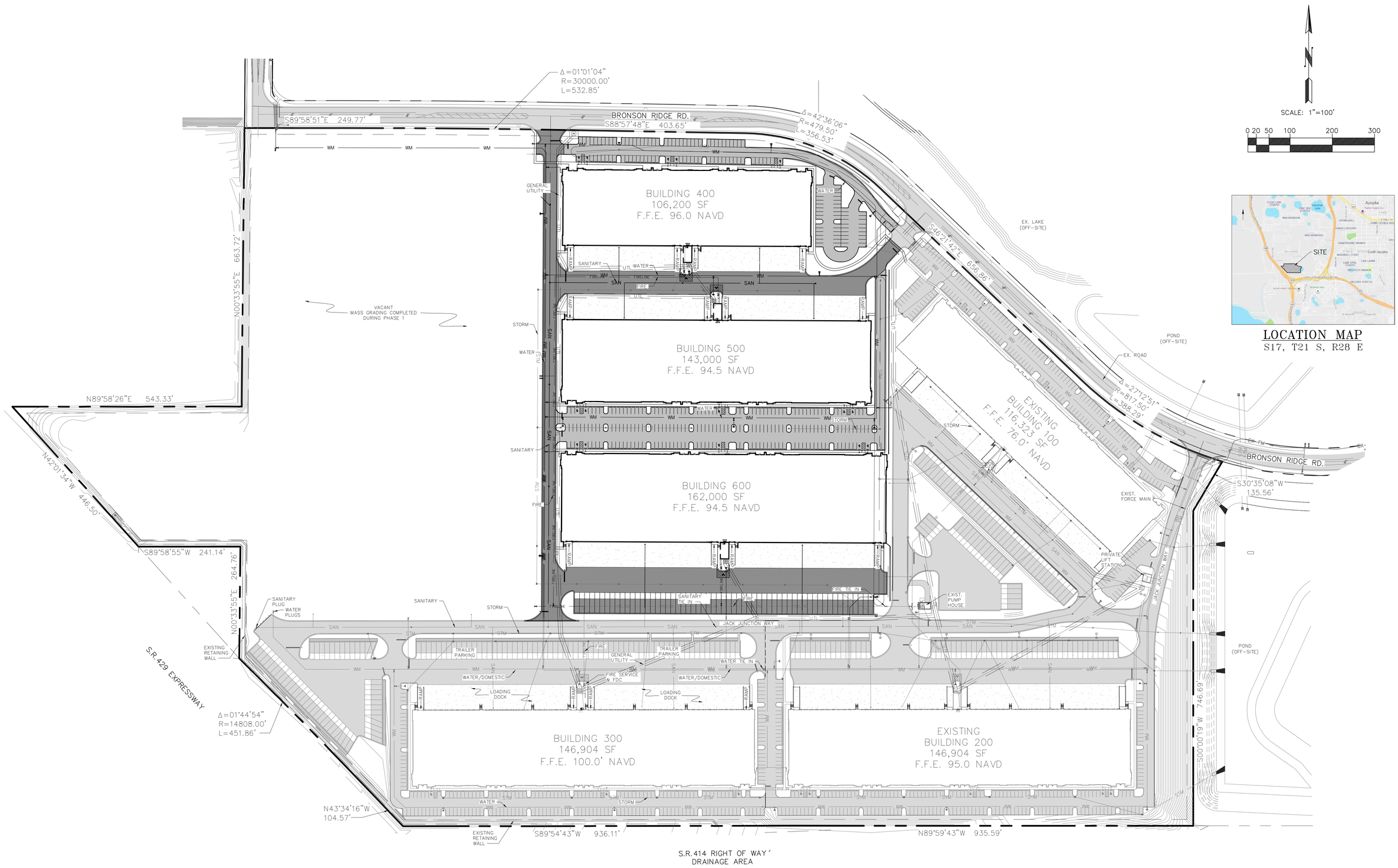
SECTIONS

DIGITAL SEAL | DATE 3/10/26

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C1.12
SHEET TYPE
SHEET 12 OF 12
JOB # 26-001

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SCALE: 1"=100'

0 20 50 100 200 300

LOCATION MAP
S17, T21 S, R28 E

S.R.414 RIGHT OF WAY
DRAINAGE AREA

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REVISION NOTES

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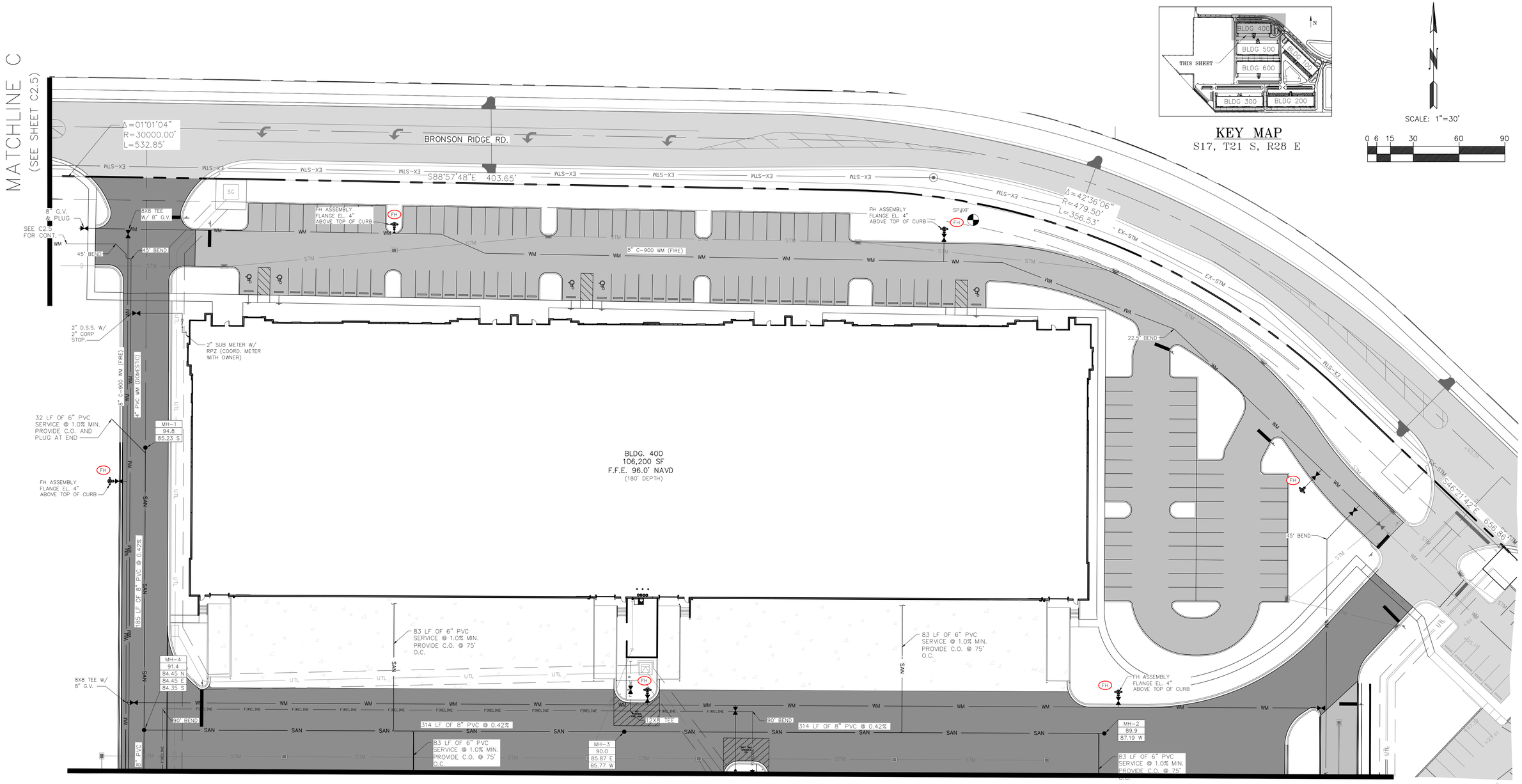
WATER & SEWER
OVERVIEW PLAN

MARK C. SMILEY
LICENSE
NO. 54864
3/10/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DIGITAL SEAL DATE 3/10/26

C2.1
SHEET TYPE
SHEET 1 OF 9
JOB # 25-007

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MATCHLINE A
(SEE SHEET C2.3)

KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'

0 6 15 30 60 90

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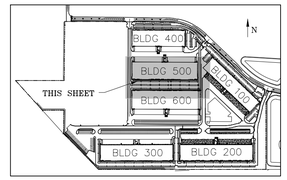
WATER & SEWER PLAN

DIGITAL SEAL | DATE 3/10/26

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C2.2
SHEET TYPE
SHEET 2 OF 9
JOB # 26-001

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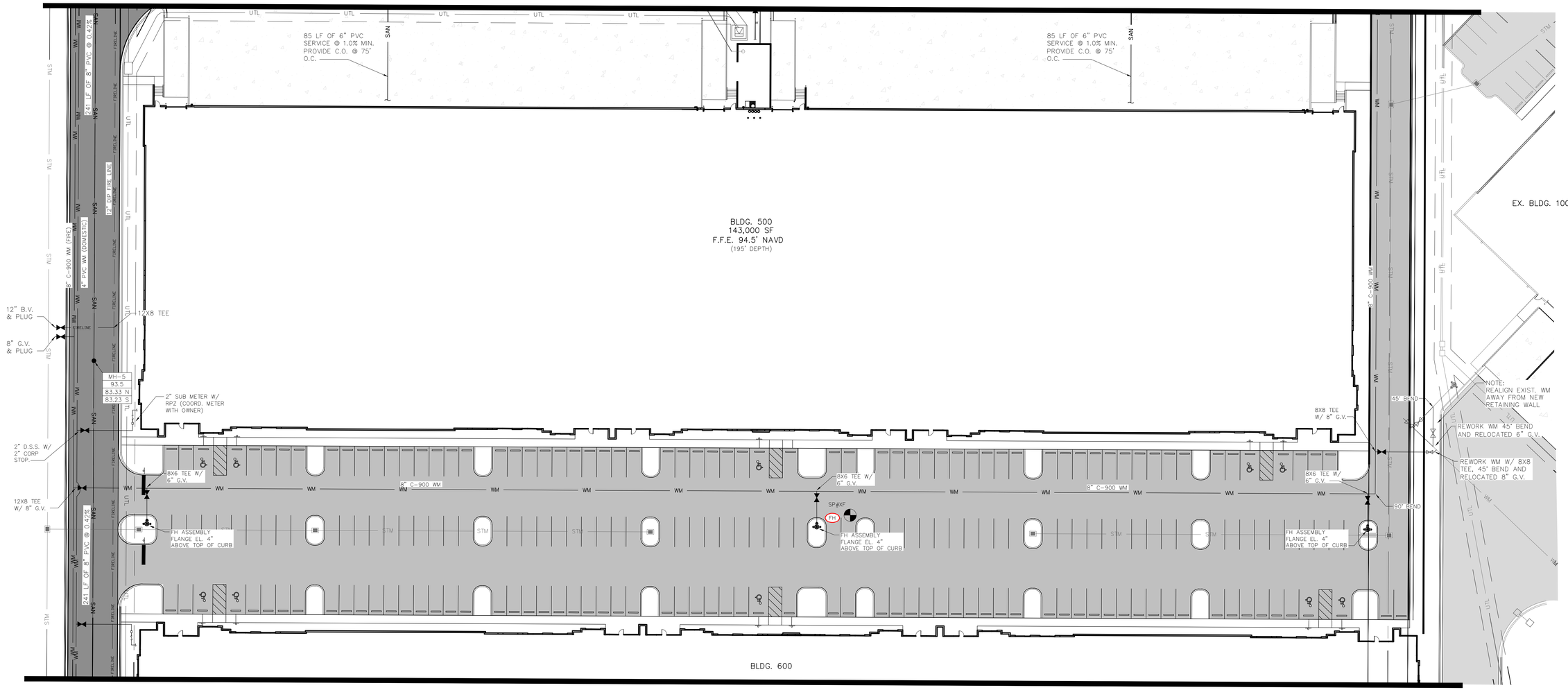


KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'

0 6 15 30 60 90

MATCHLINE A
(SEE SHEET C2.3)



MATCHLINE B
(SEE SHEET C2.4)

MH-X
XX.X
82.21 N
82.11 S

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

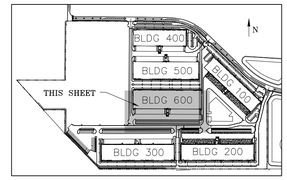
WATER & SEWER PLAN

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 3/10/26 STATE OF FLORIDA PROFESSIONAL ENGINEER

C2.3
SHEET TYPE
SHEET 3 OF 9
JOB # 26-001

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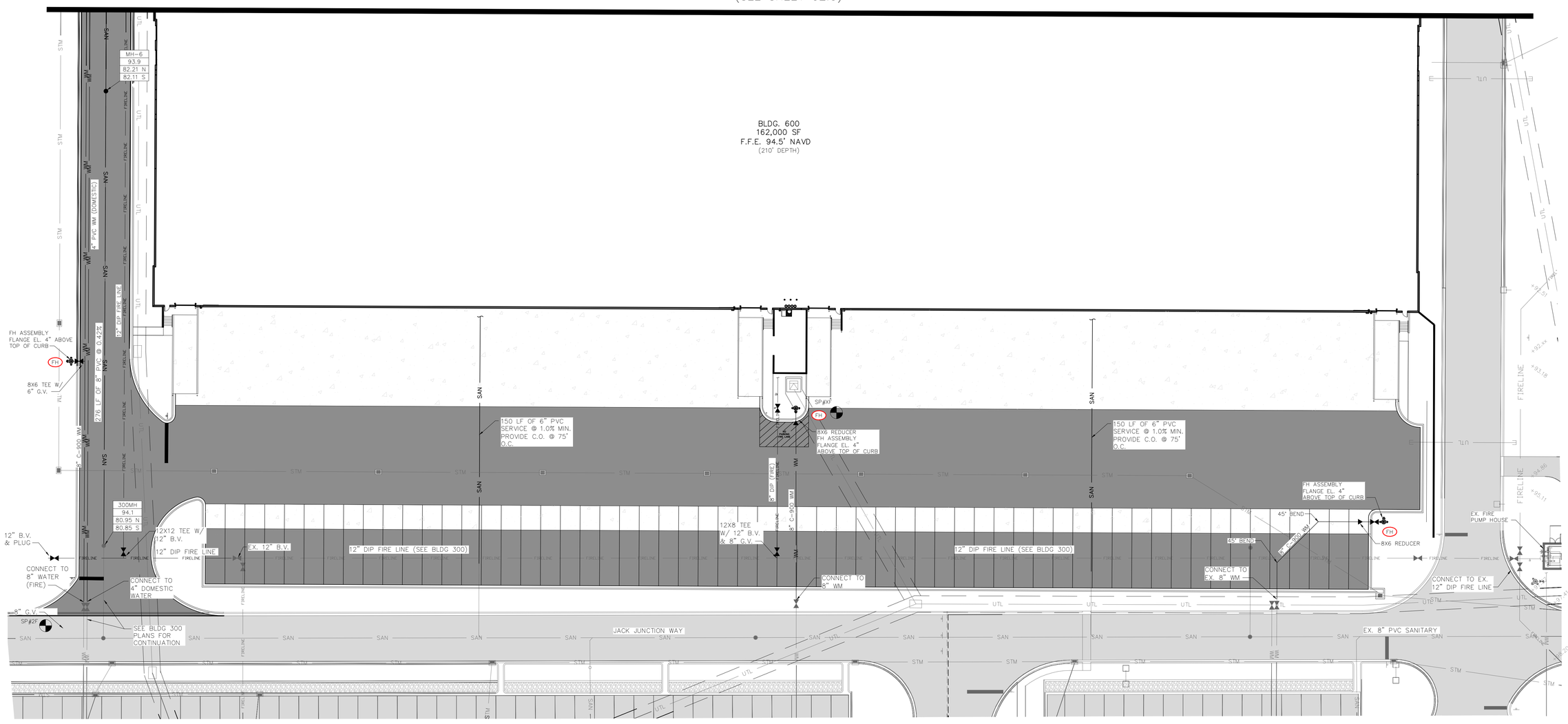


KEY MAP
S17, T21 S, R28 E

SCALE: 1"=30'

0 6 15 30 60 90

MATCHLINE B
(SEE SHEET C2.3)



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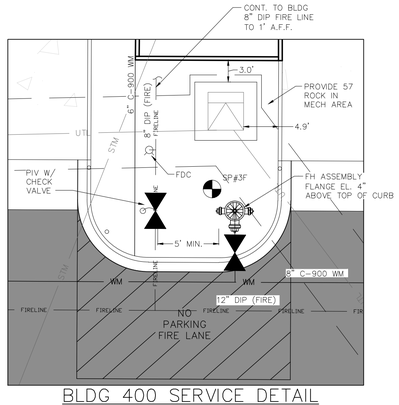
WATER & SEWER PLAN

DIGITAL SEAL | DATE 3/10/26

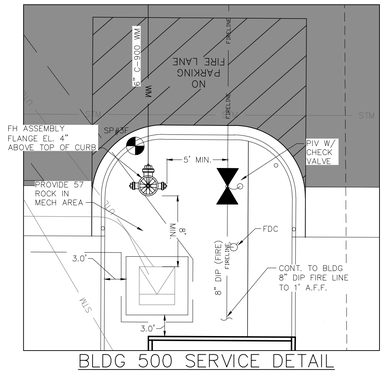
MARK C. SMILEY
LICENSE
NO. 54864
3/10/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER

C2.4
SHEET TYPE
SHEET 4 OF 9
JOB # 26-001

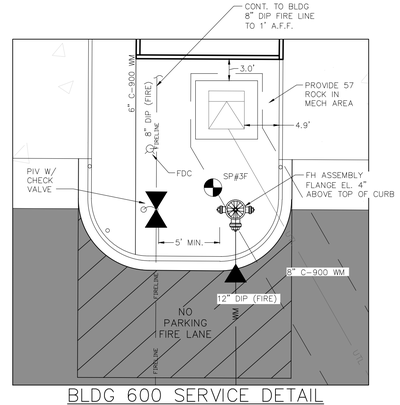
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BLDG 400 SERVICE DETAIL
SCALE: 1"=10'

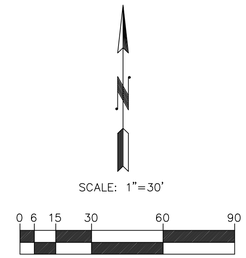


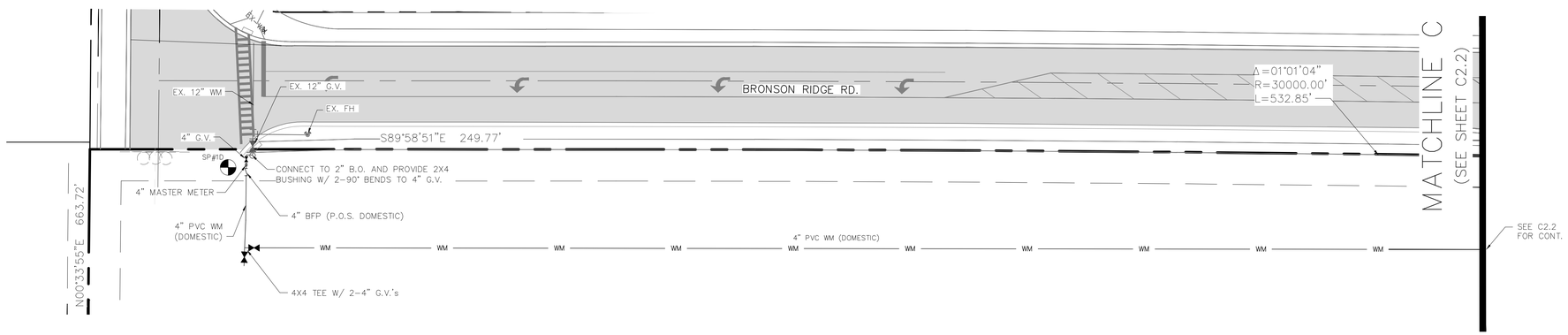
BLDG 500 SERVICE DETAIL
SCALE: 1"=10'



BLDG 600 SERVICE DETAIL
SCALE: 1"=10'

KEY MAP
S17, T21 S, R28 E





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REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

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APOPKA, FLORIDA

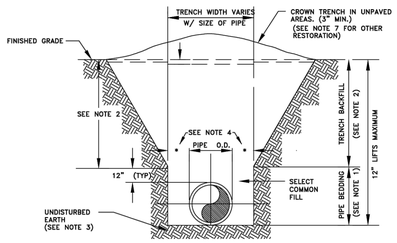
WATER & SEWER DETAILS

DIGITAL SEAL DATE 3/10/26

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C2.5
SHEET TYPE
SHEET 5 OF 9
JOB # 26-001

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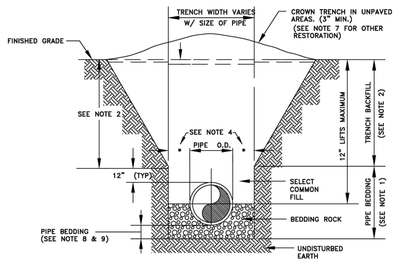


NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS TO AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETERS LESS THAN 24", AND 24" 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.
8. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.

TYPE "B" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 100



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% UNDER PAVEMENT OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. 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. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.
9. ALL UNPAVED DISTURBED AREAS SHALL BE SODDED TO MATCH ADJACENT DOMINATE GRASS SPECIES.
10. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY RIGHT-OF-WAY, SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS.

TYPE "A" BEDDING AND OPEN-CUT DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 101

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							

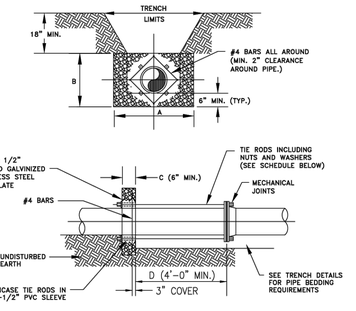
* ONLY RESTRAIN BRANCH PIPE FOR TEES. ONLY RESTRAIN LARGER PIPE FOR REDUCERS
** LENGTH ALONG RUN ASSUMED TO BE 18'

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.**
   SOIL DESIGNATION: SM(SAND SILT)
   LAYING CONDITIONS: S
   ** FM = 100 P.S.I. / WM OR RWM = 150 P.S.I.
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



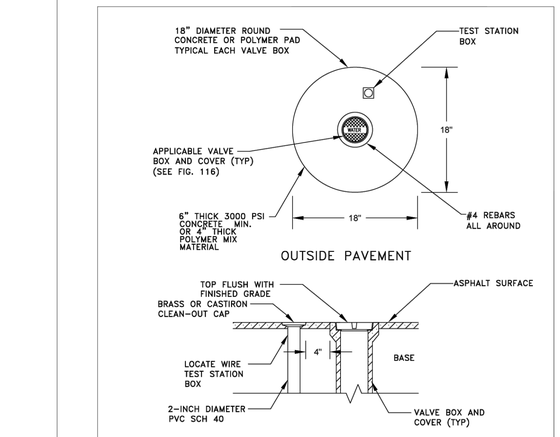
NOTES:

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.)				TIE RODS REQ'D	
	A	B	C	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	3.0	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 3,200 LBS. PER SQ. FT. SOIL RESTRAINT BEARING. (1,000 MIN) SEE NOTE 5 * TO BE COMPLETED BY ENGINEER.						

WATER MAIN THRUST COLLAR DETAIL

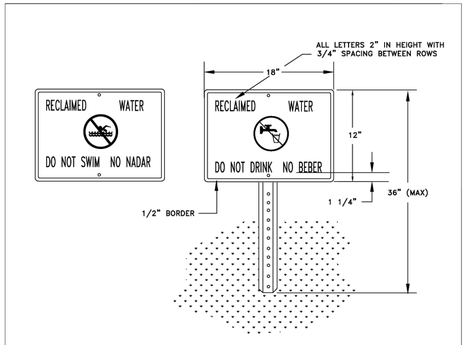
CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 107



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

VALVE BOX

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 109

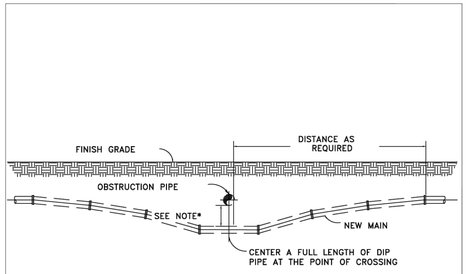


NOTES:

1. 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



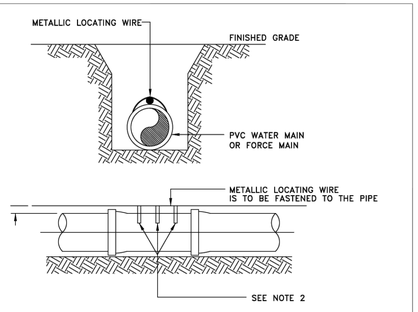
NOTES:

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

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REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

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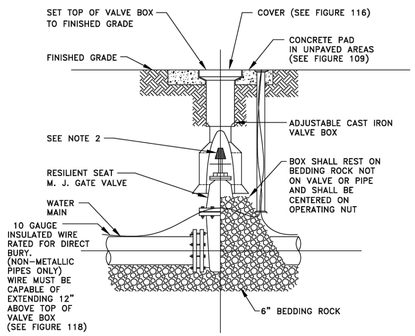
WATER & SEWER DETAILS

DIGITAL SEAL DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C2.6
SHEET TYPE
SHEET 6 OF 9
JOB # 26-001

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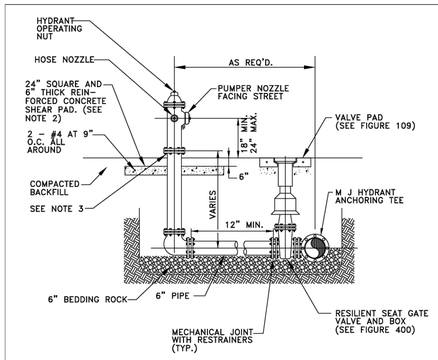


NOTES:

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

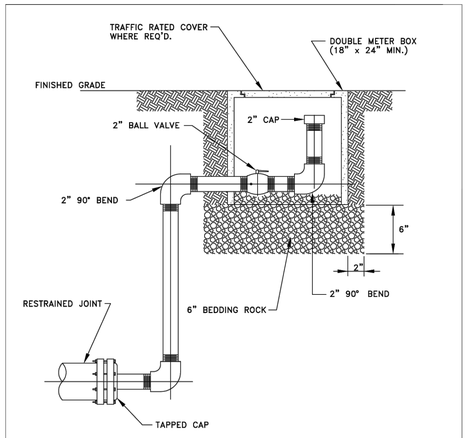


NOTES:

1. 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

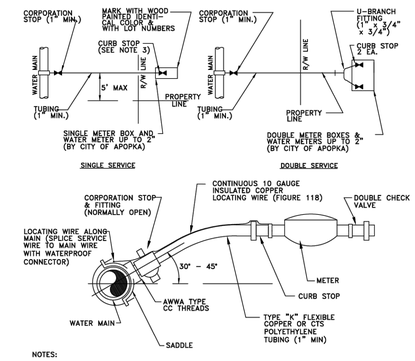


NOTES:

1. 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

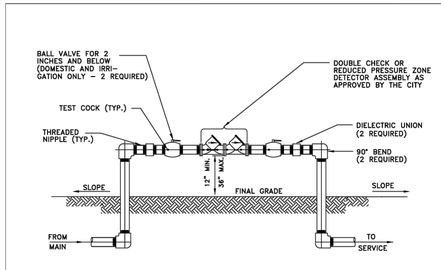


NOTES:

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



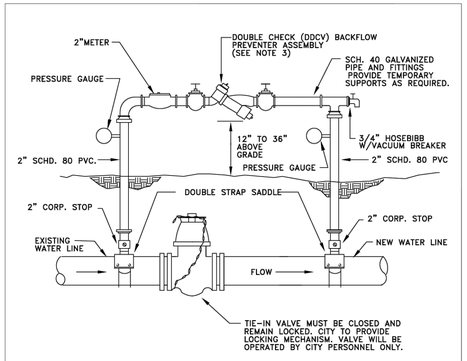
NOTES:

1. ALL PIPE FITTINGS, MATERIALS, LABOR, AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR.
2. ALL PIPE AND FITTINGS TWO (2) INCHES AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL.

DOUBLE CHECK OR REDUCED PRESSURE ZONE DETECTOR ASSEMBLY

2 INCH AND BELOW ASSEMBLY

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



NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, ASSEMBLY, AND THE INSTALLATION OF THE DEVICE.
2. SEE FIGURE 504C FOR PROCEDURES.
3. DDCV IS MINIMUM PROTECTION REQUIRED. A RPZ DEVICE MAY BE REQUIRED DEPENDING ON PROJECT. PROVIDE COPY OF LATEST CERTIFICATION TEST RESULTS.

TEMPORARY JUMPER CONNECTION

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

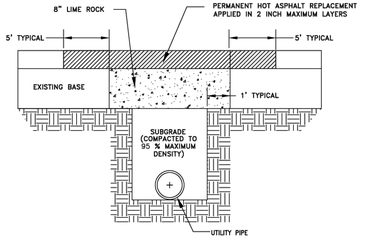
TEMPORARY JUMPER CONNECTION NOTES:

1. A temporary jumper connection is required at all connections between existing active water mains and proposed new water main improvements.
2. Figures 504 A and 504 B to be used for filling any new water main of any size from existing active water mains and for flushing of new mains up to 8 inches in diameter (2.5 FPS minimum velocity) and for pulling bacteriological samples from any new water main of any size. The jumper connection shall be maintained until after filling, flushing testing and disinfection of the new main has been successfully completed and cleared for use from the Florida Department of Environmental Protection (FDEP) and other pertinent agencies have been received. The jumper connection shall also be used to maintain a minimum pressure of 20 psi in the new mains after disinfection and until the FDEP clearance letter is obtained. Thrust blocking and/or restraints shall be provided temporarily, as required. Pipe and fittings used for connecting the new pipe to the existing pipe shall be disinfected prior to installation in accordance with AWWA C651, 2005 edition. The tapping sleeve and the exterior of the main to be tapped shall be disinfected by spraying or swabbing per section II of AWWA C651-05.
3. Flushing of 10 inches in diameter and larger water mains may be done through the tie-in valve under very controlled conditions. The following procedures shall be followed:
   A. The tie-in valves shall be operated and pressure tested in the presence of the City engineer to verify water tightness prior to tie-in. Valves which are not water tight shall be replaced with a new valve installed immediately adjacent to the leaking valve.
   B. The temporary jumper connection shall be constructed as detailed. The jumper connection shall be used to fill the new water main and for providing water for bacteriological sampling of the new main as required by the FDEP permit.
   * Flushing shall not be attempted during peak demand hours of the existing water mains.
   * All downstream valves in the system must be open prior to opening the tie-in valve.
   * Provide for and monitor the pressure in the tie-in point. The pressure in the existing main must not drop below 35 psi.
   * The tie-in valve shall be opened a few turns only, ensuring a pressure drop across the valve is greater than 10 psi.
   C. The tie-in valve shall be locked closed by the City personel until flushing begins.
   D. The tie-in valve shall be opened only for flushing of the new main. The procedure shall be directed by the City and observed by the engineer.
   E. After flushing, the tie-in valve shall be closed and locked in the closed position by the City personel.
4. The contractor shall provide documentation demonstrating that the double check backflow prevention device has been tested and is in good working order at the time of installation.
5. Except as required to flush lines of greater than 8 inches in diameter, the tie-in valve shall remain closed and shall be locked in the closed position by the City. The tie-in valve shall remain locked closed until the new system has been cleared for use by FDEP and all other pertinent agencies.
6. Upon receipt of clearance for use from FDEP and all other pertinent agencies, the contractor shall remove the temporary jumper connection. The corporation stops are to be closed and plugged with 2 inch brass plugs.
7. All installation and maintenance of the temporary jumper connection and associated backflow prevention device, fittings, valve, etc. shall be the responsibility of the contractor.

PROCEDURES FOR TEMPORARY JUMPER CONNECTION

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

NOTE:
SUB-GRADE TO BE COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY AASTHO T-180 CUT TO BE REPLACED WITH 8" LIME ROCK AND COMPACTED TO 98% MAX. DENSITY TO TOP OF EXISTING BASE. CUT AREA TO BE PLATED OR PROTECTED ON THE DAY OF POUR. EXISTING SURFACE TO BE SAW CUT TO AN AREA OF FIVE FEET (5') BEYOND BASE CUT.



GENERAL NOTES:

1. BASE REPLACEMENT SHALL BE 8" LIME ROCK COMPACTED TO 98% MAX. DENSITY.
2. ASPHALTIC CONCRETE SURFACE MATERIAL SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL AT THE TIME OF REMOVAL.
3. MINIMUM ASPHALTIC CONCRETE SURFACE OVERLAY THICKNESS SHALL BE ONE (1) INCH.
4. ALL JOINT CUTS SHALL BE MECHANICALLY SAW CUT.

PAVEMENT RESTORATION:

1. LONGITUDINAL CUTS MAY REQUIRE OVERLAY/RESURFACING OF THE COMPLETE WIDTH OF THE TRAVELED WAY.
2. CUTS AT INTERSECTIONS OF STREETS GENERALLY MAY REQUIRE A COMPLETE OVERLAY/RESURFACING TO THE END OF ALL RETURN RADII, AND ALSO TO A POINT TEN FEET (10') BEYOND THE CUT WHICHEVER IS GREATER.
3. ACTUAL REQUIREMENTS WILL BE AS STATED ON THE APPROVED PERMIT.

LIME ROCK
HOT PATCH

OPEN-CUT CROSS SECTION DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2015	FIG. 702

SMILEY & ASSOCIATES, INC.
624 KINGFISH ROAD, NORTH PALM BEACH, FLORIDA 33408
561-596-0562 • msmiley@smiley-associates.com
www.smiley-associates.com
EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

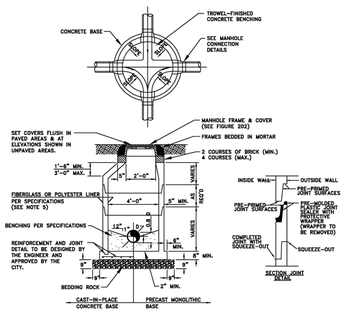
WATER & SEWER DETAILS

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C2.7
SHEET TYPE
SHEET 7 OF 9
JOB # 26-001

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FORCE MAIN MANHOLE LINER*

THICKNESS (INCHES)				MATERIAL	MANUFACTURER
DIAMETER (INCHES)	HEIGHT (FEET) 3–6	7–12	13–17		
48					
60					
72					

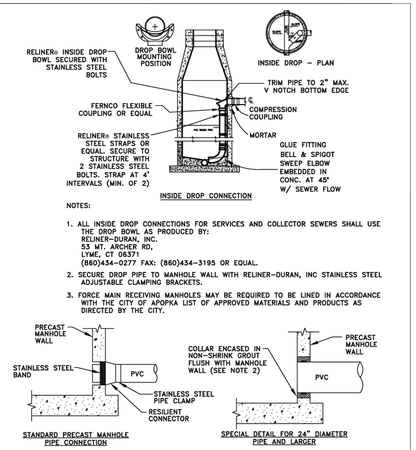
* TO BE COMPLETED BY THE ENGINEER

NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 24". SEE SECTION 20.4 OF THE MANUAL FOR MANHOLE DIAMETER FOR SEWERS LARGER THAN 24".
2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE MANHOLE CONNECTION DETAILS.
3. THE THICKNESS OF THE LINER SHALL BE 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:

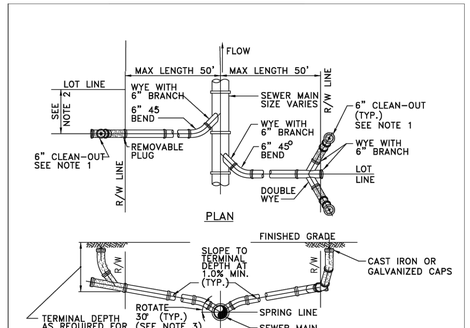
1. ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP BOWL AS PRODUCED BY:
   RELINER-DURAN, INC.
   53 MT. ARCHER RD.
   LYME, CT 06371
   (860)434-0277 FAX: (860)434-3195 OR EQUAL.
2. SECURE DROP PIPE TO MANHOLE WALL WITH RELINER-DURAN, INC STAINLESS STEEL ADJUSTABLE CLAMPING 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

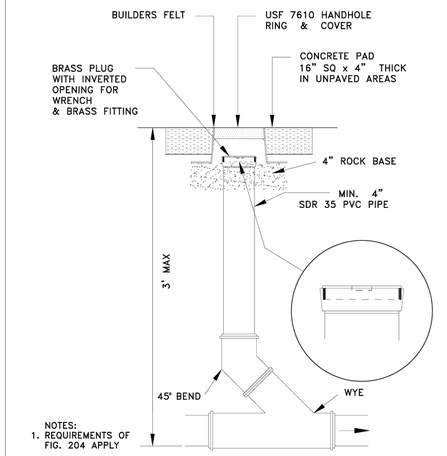


NOTES:

1. 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



NOTES:
1. REQUIREMENTS OF FIG. 204 APPLY

SANITARY SEWER SERVICE TRAFFIC RATED CLEAN-OUT DETAIL

NTS

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 205

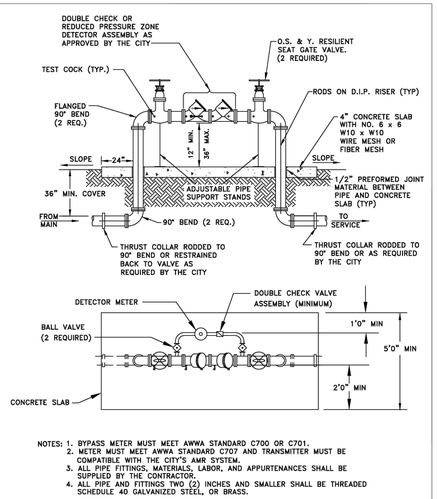
Pipes/Mains Separation Requirement Table								
	Potable		Reclaimed		Sanitary Sewer		Storm Sewer	
	Horiz.	Vert.	Horiz.	Vert.	Horiz.	Vert.	Horiz.	Vert.
Potable			3'	12"	10'	18"	3'	18"
Reclaimed	3'	12"			3'	12"	3'	12"
Sanitary Sewer	10'	18"	3'	12"			3'	12"
Storm Sewer	3'	18"	3'	12"	3'	12"		

Joint Spacing Requirement Table (See Note 2)				
	Potable	Reclaimed	Sanitary Sewer	Storm Sewer
Potable		3'	6'	3'

NOTES:

1. The table above represents the minimum separation requirements as described in the City's Engineering Standards Manual. The most stringent requirements between the City's Standards and the guidelines set forth in the Florida Administrative Code 62-555.314 (F.A.C). shall apply between newly proposed utility lines and existing or proposed utility lines.
2. Joint spacing shall be based on one full length water main pipe centered above or below other pipes. The joint shall be no less than the required distance from the center of the crossing of the two pipes. (The water pipe shall be above the other pipe unless otherwise approved by the City.)
3. Where the City's minimum vertical and horizontal separation from potable water cannot be achieved from the outside of the potable water pipe and the outside of the other pipe/main, preferred separation in accordance with F.D.E.P. rules of the Florida Administrative Code 62-555.314 (F.A.C.) and 62-604.400 (F.A.C.) may be allowed upon approval by the City's Utilities Department.
   a. If it is not technically feasible or economically sensible to comply with the requirements set forth in 62-555.314 (F.A.C.), technical or economic justification for each exception must be submitted to F.D.E.P. with alternative construction features. Proof of F.D.E.P.'s approval for exceptions shall be submitted to the City.
4. For the purpose of this table, reclaimed water shall mean unrestricted public access reuse water as defined by F.A.C. 62-610. Other types of reclaimed water, not treated to public contact levels, shall be considered raw sewage, and the separation list for sanitary sewer shall apply.
5. Alternative water, such as storm water used for irrigation, shall be considered reclaimed water for separation requirements.
6. Pipe separation distance provided above shall mean the horizontal and/or vertical distance measured for the outside dimension of each pipe/main.
7. All Sanitary and Storm Structures shall follow separation requirements above.
8. Concrete encased pipes/mains shall use the separation of D.I.P.
9. Potable water pipes shall be laid above all pipes conveying raw sewage whenever they cross.
10. All utilities shall be installed with 36" of cover over the top of pipe. Cover shall be measured with current or future grading to ensure the 36" coverage.
11. No potable water pipe may pass through a sanitary sewer structure. Penetration through storm sewer must be approved by the City and is subject to special conditions and materials.

STANDARD SEPARATION NOTE

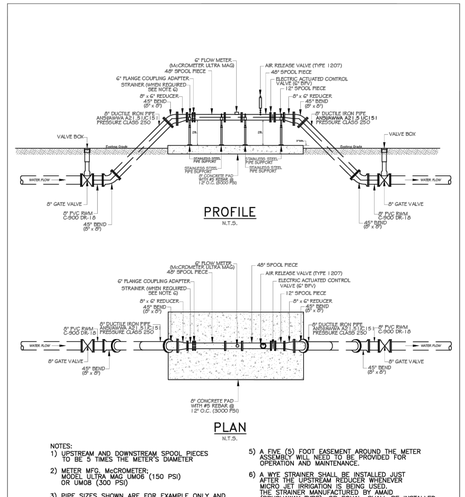


NOTES: 1. BYPASS METER MUST MEET AWWA STANDARD C700 OR C701.
2. METER MUST MEET AWWA STANDARD C707 AND TRANSMITTER MUST BE COMPATIBLE WITH THE CITY'S AMR SYSTEM.
3. ALL PIPE FITTINGS, MATERIALS, LABOR, AND APPURTENANCES SHALL BE SUPPLIED BY THE CONTRACTOR.
4. ALL PIPE AND FITTINGS TWO (2) INCHES AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL, OR BRASS.

ABOVE GROUND DEVICE WITH DETECTOR BY-PASS

2 INCH AND ABOVE ASSEMBLY

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



NOTES:
1) UPSTREAM AND DOWNSTREAM SPOOL PIECES TO BE 5 TIMES THE METER'S DIAMETER
2) METER MFG. McCROMETER; MODEL ULTRA MAG UMO8 (150 PSI) OR UMO8 (300 PSI)
3) PIPE SIZES SHOWN ARE FOR EXAMPLE ONLY AND MAY BE REVISED TO FIT THE PROJECT.
4) THE CITY WILL OPERATE AND MAINTAIN THE METER.
5) A FIVE (5) FOOT EASEMENT AROUND THE METER ASSEMBLY WILL NEED TO BE PROVIDED FOR OPERATION AND MAINTENANCE.
6) A WYE STRAINER SHALL BE INSTALLED JUST AFTER THE UPSTREAM BUTTERFLY VALVE. METERS DETERMINED TO BEYOND WHICH THE STRAINER MANUFACTURED BY AMAD (BRUSHAWAY TYPE), OR EQUAL, SHALL BE INSTALLED.
7) MAIN SIZES AND METER SIZES DEPICTED FOR EXAMPLE ONLY.

LARGE RECLAIMED WATER METER SERVICE ASSEMBLY DETAIL

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JANUARY 2014	FIG. 507

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www.smiley-associates.com
EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

WATER, SEWER & RECLAIM DETAILS

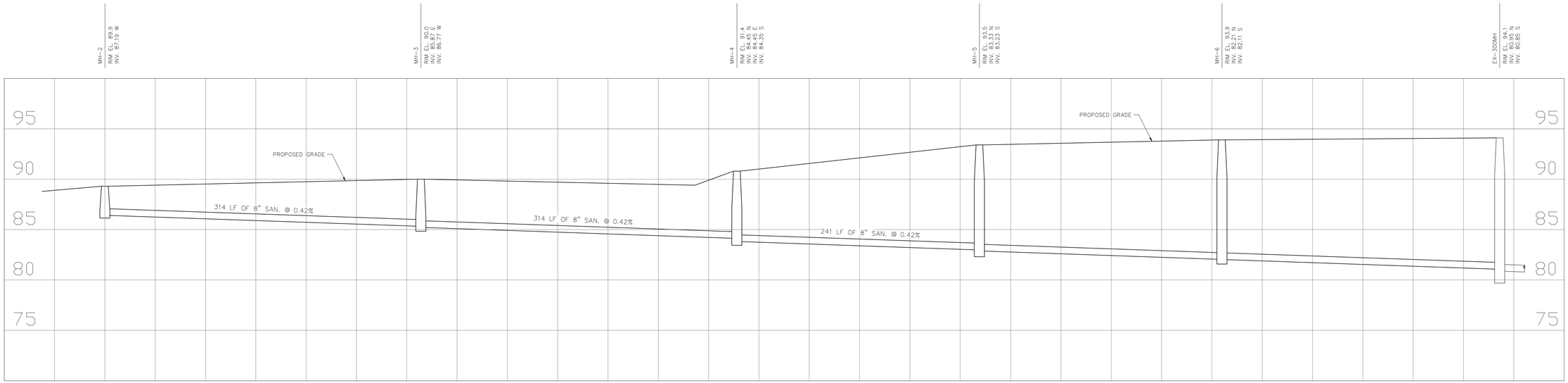
DIGITAL SEAL

DATE 3/10/26

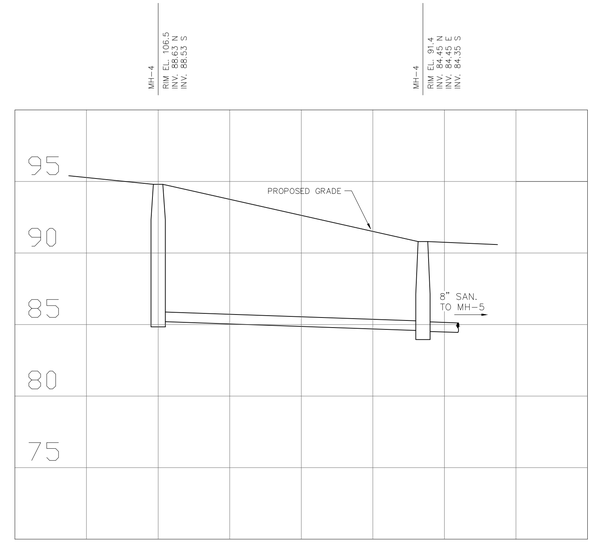
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C2.8
SHEET TYPE
SHEET 8 OF 9
JOB # 26-001

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HORIZ. SCALE: 1"=50'
VERT. SCALE: 1"=5'



HORIZ. SCALE: 1"=50'
VERT. SCALE: 1"=5'

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EB # 8613

DRT	DRT
DSG	MS
CHK	MS
CADDWG	AR

REV.	DESCRIPTION	APRV	DATE

REVISION NOTES

BUILDINGS 400, 500 & 600
LOGISTICS 429 AT APOPKA RIDGE
FOR
RIDGE 429 OWNER, LLC
APOPKA, FLORIDA

SEWER PROFILES

DIGITAL SEAL | DATE 3/10/26

MARK C. SMILEY LICENSE NO. 54864 STATE OF FLORIDA PROFESSIONAL ENGINEER 3/10/26

C2.9
SHEET TYPE
SHEET 9 OF 9
JOB # 26-001

CONSTRUCTION SET FOR

APOPKA NORTHWEST RECREATION CENTER

SOCCER FIELDS EXPANSION

3910 JASON DWELLEY PKWY, APOPKA, ORANGE COUNTY, FL

PARCEL ID:19-20-28-0000-00-048

SECTION 19 - TOWNSHIP 20- RANGE 28

ABBREVIATION/ SIGN LEGEND

A/C	- AIR CONDITIONER
APPROX	- APPROXIMATE
ASPH	- ASPHALT
AVG	- AVERAGE
BFP	- BACK FLOW PREVENTER
BLK	- BLOCK
BLDG	- BUILDING
BOC	- BACK OF CURB
BOW	- BACK OF WALL
C & G	- CURB & GUTTER
CE	- CONSTRUCTION ENTRANCE
C/L	- CENTERLINE
CMP	- CORRUGATED METAL PIPE
CO	- CLEAN OUT
CONC	- CONCRETE
DEPT	- DEPARTMENT
DS	- DOWN SPOUT
ELEC	- ELECTRIC
EM	- ELECTRICAL METER
ELEV	- ELEVATION
EOP	- EDGE OF PAVEMENT
EOR	- ENGINEER OF RECORD
FDC	- FIRE DEPARTMENT CONNECTION
FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
FFE	- FINISH FLOOR ELEVATION
FG	- FINISH GRADE
FH	- FIRE HYDRANT
FM	- FORCE MAIN
FOC	- FACE OF CURB
FP&L	- FLORIDA POWER AND LIGHT
GOV'T	- GOVERNMENT
HB	- HOSE BIB
HC	- ADA ACCESSIBLE
HDPE	- HIGH DENSITY POLYETHYLENE PIPE
INV	- INVERT
IRR	- IRRIGATION
ME	- MATCH EXISTING ELEVATION
MES	- MITERED END SECTION
MH	- MANHOLE
PVC	- POLYVINYL CHLORIDE PIPE
PVMT	- PAVEMENT
R	- RADIUS
RCP	- REINFORCED CONCRETE PIPE
REV	- REVISION
R/W	- RIGHT-OF-WAY
SF	- SQUARE FEET
S/W	- SIDEWALK
TOB	- TOP OF BANK
TOE	- TOE OF SLOPE
TW	- TOP OF WALL
TYP	- TYPICAL
UNK	- UNKNOWN
UTL	- UNDERGROUND TELEPHONE LINES
W/	- WITH
WV	- WATER VALVE

(B)	BUS STOP (R7-7)
(DNE)	DO NOT ENTER (R5-1)
(FL)	NO PARKING - FIRE LANE (R7-94)
(HC)	HANDICAP (FTP 20-06 & FTP 22-06)
(KR)	KEEP RIGHT (R4-7A)
(KL)	KEEP LEFT (R4-8A)
(LTO)	LEFT TURN ONLY (R3-5L)
(ME)	MEDIAN (R4-7) (R4-8)
(ND)	NO DUMPING
(NL)	NO LEFT TURN (R3-2)
(NLI)	NO LITTERING
(NOR)	NO RIGHT TURN (R3-1)
(NOT)	NO TRUCKS (R5-2A)
(NP)	NO PARKING (R7-1)
(1W)	ONE WAY (R6-1L) (R6-1R)
(PE)	PEDESTRIAN CROSSING (W11-2)
(RTO)	RIGHT TURN ONLY (R3-5R)
(R1)	ROW NUMBER
(SL)	SPEED LIMIT (R2-X)
(ST)	STOP (R1-1)
(TZ)	TOW AWAY ZONE (R7-201)
(TE)	TRUCK ENTRANCE
(WL)	WEIGHT LIMIT (R12-5)
(WW)	WRONG WAY (R5-1A)
(Y)	YIELD (R1-2)
(DT)	RESERVED DRIVE-THRU PARKING

CONSULTANTS

ENGINEER
CPH, LLC.
500 WEST FULTON STREET
SANFORD, FLORIDA, 32771
ATTN: JOSHUA HUGHES, P.E.
(407) 322-6841

LANDSCAPE ARCHITECT
CPH, LLC.
500 WEST FULTON STREET
SANFORD, FLORIDA 32771
ATTN: GALEN PUGH, P.L.A., A.I.C.P.
(407) 322-6841

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DUKE ENERGY
2955 E SEMORAN BLVD, APOPKA, FL 32703
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TELEPHONE
AT&T
1624 ROCK SPRINGS RD, APOPKA, FL 32712
(407) 270-0088

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CITY OF APOPKA
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407-703-1727

SEWER
CITY OF APOPKA
150 E 5TH ST, APOPKA, FL 32703
407-703-1727

NATURAL GAS
CITY OF APOPKA
150 E 5TH ST, APOPKA, FL 32703
407-703-1727

CABLE & INTERNET
SPECTRUM
3301 E STATE ROAD 436, APOPKA, FL 32703
(888) 406-7063

APPROVAL AGENCIES

CITY / TOWN / COUNTY
CITY OF APOPKA
120 E. MAIN ST, APOPKA, FL, 32703

STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION - CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD
ORLANDO, FL 32803
(407) 897-4100

WATER MANAGEMENT DISTRICT
ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT
APOPKA SERVICE CENTER
2501 SOUTH BINION ROAD
APOPKA, FL 32703
(877) 228-1658

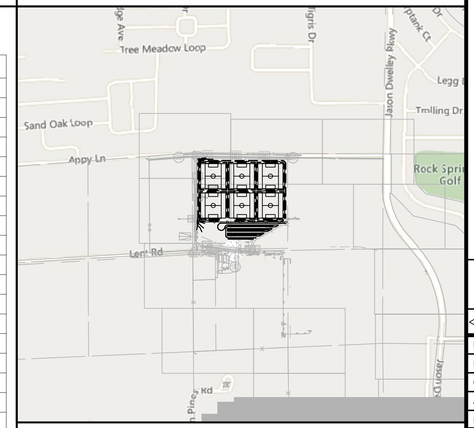
INDEX OF SHEETS

SHEET LIST TABLE

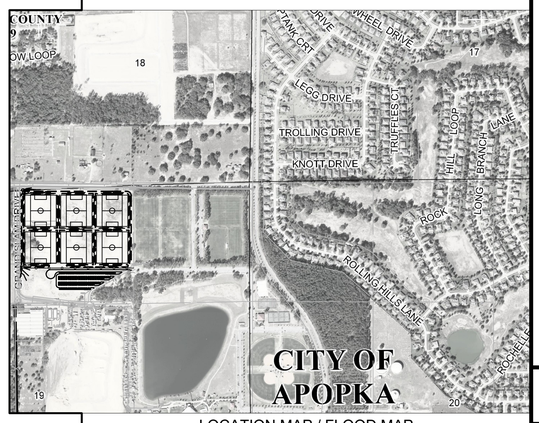
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C0.2	GENERAL NOTES
C0.3	GENERAL NOTES
C2.0	SWPP PLAN
C2.1	SWPP NOTES
C3.0	SITE PLAN
C3.1	GRADING PLAN
C3.2	UTILITY PLAN
C4.0	GENERAL DETAILS
C4.1	CITY DETAILS
IR1.0	IRRIGATION OVERALL
IR1.1	IRRIGATION PLAN
IR1.2	IRRIGATION PLAN
IR1.3	IRRIGATION PLAN
IR1.4	IRRIGATION PLAN
IR1.5	IRRIGATION PLAN
IR1.6	IRRIGATION PLAN
IR1.7	IRRIGATION PLAN
IR1.8	IRRIGATION PLAN
IR5.1	IRRIGATION NOTES AND DETAILS
IR5.2	IRRIGATION NOTES AND DETAILS
IR5.3	IRRIGATION NOTES AND DETAILS

NOT INCLUDED IN SUBMITTAL

MAPS



VICINITY MAP
1" = 1000'



LOCATION MAP / FLOOD MAP
1" = 800'

VERTICAL DATUM: NAVD 88'

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JOSHUA D. HUGHES LICENSE No. 95066 STATE OF FLORIDA PROFESSIONAL ENGINEER

This document has been digitally signed and sealed by Joshua Hughes on the date adjacent to the seal. Signature must be verified on any electronic copies.
2026.03.23 08:55:35-04'00'

No.	Date	Revision
	----	----

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

COVER SHEET

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C.01

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GENERAL PROVISIONS

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE A PRE-CONSTRUCTION VIDEO (MP4, MPG, WMV , MOV OR APPROVED EQUAL) ALONG THE PROPOSED ROUTE IN ACCORDANCE WITH THE SPECIFICATIONS. THE FILES SHALL BE SAVED IN DIGITAL FORMAT ON A PORTABLE USB HARDIFLASH DRIVE OR APPROVED EQUAL, AND SHALL BE ABLE TO BE PLAYED BACK ON ANY WINDOWS COMPATIBLE COMPUTER. IN PARTICULAR, THE VIDEO SHALL DOCUMENT THE CONDITION OF EXISTING DRIVEWAYS, BUILDINGS, STRUCTURES, MAILBOXES, SIGNS, FENCES, AND LANDSCAPING ALONG PROPOSED CONSTRUCTION AREAS.

2. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 553.60-553.64). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.

3. ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

4. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY

5. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. CPH, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

6. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. CPH, LLC IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.

7. SUBMIT ELECTRONIC COPIES (PDF FORMAT) OF EACH SHOP DRAWING AND PRODUCT DATA TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL THOROUGHLY CHECK SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLANS AND SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL COORDINATE THE SHOP DRAWINGS WITH THE REQUIREMENTS FOR OTHER RELATED WORK. THE CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY THE ENGINEER'S REVIEW OF SUBMITTALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING AT THE TIME OF SUBMISSION, OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

8. PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.

9. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.

10. IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.

11. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.

12. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.

13. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN SWALES, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.

PERMITS

1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS OBTAINED BY THE OWNER. THESE PERMITS INCLUDE:

PERMIT NO.	ISSUING AGENCY	DATE OF PERMIT
	CITY OF APOPKA	
	SJRWMD	
	FDEP	

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL APPLY FOR THE FOLLOWING PERMITS FOR THE PROJECT CONSTRUCTION:

PERMIT TYPE	PERMITTING AGENCY	PERMIT FEE TO BE PAID BY CONTRACTOR (Y/N)
COVERAGE UNDER THE NPDES GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES	FDEP	YES
DEWATERING	SJRWMD	YES
BUILDING PERMIT (INCLUDING PERMITS FOR ALL SUBCONTRACTOR WORK SUCH AS ELECTRICAL, STRUCTURES, RETAINING WALLS, ETC.)	CITY OF APOPKA	YES
RIGHT-OF-WAY USE PERMIT		NO

3. SIGNED AND SEALED CONSTRUCTION PLANS WILL BE PROVIDED TO THE CONTRACTOR FOR ITS USE IN APPLYING FOR THE ABOVE PERMITS. THE CONTRACTOR IS TO COORDINATE WITH EACH PERMITTING AGENCY IN ORDER TO DETERMINE THE NUMBER OF SETS OF SIGNED AND SEALED CONSTRUCTION PLANS THAT ARE REQUIRED AND THE REQUIRED SHEET SIZE (FULL SIZE 22"X34" OR HALF SIZE 11"X17").

4. THE CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL PERMITS FOR THE PROJECT, COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS AND PERMIT MODIFICATIONS. A COPY OF ALL PERMITS FOR THE PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT THE PROJECT SITE, AND SHALL BE AVAILABLE FOR REVIEW UPON REQUEST.

5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO ABIDE BY ALL PROVISIONS OF THE PERMITS. THE CONTRACTOR IS RESPONSIBLE FOR THE SELECTION, IMPLEMENTATION AND OPERATION OF ALL MEASURES REQUIRED BY THE PERMITS, INCLUDING THE MAINTENANCE OF SAID MEASURES AS NECESSARY DURING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY WORK ASSOCIATED WITH PERMIT REQUIREMENTS.

EXISTING UTILITIES

1. THE UTILITY DATA SHOWN ON THESE PLANS WAS LOCATED BY THE RESPECTIVE UTILITY, OR IS BASED ON UTILITY DRAWINGS, MAPS, OR FIELD RECONNAISSANCE.

2. THE LOCATION, MATERIAL TYPE, AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL CONDUCT ALL INVESTIGATIONS NEEDED TO DETERMINE THE HORIZONTAL AND VERTICAL ELEVATIONS OF EXISTING UTILITIES THAT WILL BE CONNECTED TO, CROSSED, OR OTHERWISE BE LOCATED IN THE VICINITY OF THE PROPOSED CONSTRUCTION. AT PROPOSED CONNECTIONS, INVESTIGATIONS SHALL EXTEND BEYOND THE POINT OF CONNECTION AS NEEDED TO ADJUST PROPOSED CONNECTION POINTS DUE TO UTILITY CONFLICTS. IN THE EVENT SIDEWALK OR PAVEMENT IS IMPACTED IN ORDER TO CONDUCT THESE INVESTIGATIONS, THE COST OF THE RESTORATION IS INCIDENTAL TO THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITIES OF THE CONSTRUCTION AND TO MAKE THE NECESSARY ARRANGEMENTS TO PROTECT ALL EXISTING UTILITIES. ANY UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE OWNER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER INSTRUCTION.

3. A SINGLE POINT UTILITY IDENTIFICATION SERVICE HAS BEEN SET UP FOR EXISTING UTILITIES. THE CONTRACTOR IS TO CONTACT THE SUNSHINE STATE ONE CALL CENTER BY DIALING "811" AT LEAST TWO (2) AND NO MORE THAN FIVE (5) WORKING DAYS PRIOR TO THE SPECIFIC CONSTRUCTION ACTIVITY FOR FIELD LOCATION. NOTE THAT NOT ALL UTILITIES PARTICIPATE IN THIS PROGRAM. THE CONTRACTOR SHOULD CONTACT ALL NON-PARTICIPATING UTILITIES SEPARATELY FOR FIELD LOCATION OF THEIR FACILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

4. THE FOLLOWING UTILITIES HAVE PREVIOUSLY INDICATED THAT THEY MAY HAVE FACILITIES IN THE VICINITY OF THE CONSTRUCTION AREA:

5. THE CONTRACTOR SHALL KEEP LOCATE TICKETS UP TO DATE AT ALL TIMES.

6. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE NECESSARY RELOCATIONS OR OTHER CONSTRUCTION RELATED MATTERS WITH EACH UTILITY.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING PIPING ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE ENGINEER.

8. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER AND SEWER SERVICES AND LATERALS WITHIN THE PROPOSED CONSTRUCTION AREA PRIOR TO CONSTRUCTION AND ADJUST THE PROPOSED CONSTRUCTION AS NEEDED TO ACCOMMODATE THESE EXISTING LINES.

9. TYPICAL DETAILS AND PROPOSED CONSTRUCTION AS SHOWN ILLUSTRATE THE ENGINEER'S INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY ALTER THE PROPOSED CONSTRUCTION TO SUIT FIELD CONDITIONS, PROVIDED IT COMPLIES WITH THE PROJECT SPECIFICATIONS AND APPROVAL IS RECEIVED FROM THE ENGINEER. WHERE SUCH PROPOSED REVISIONS DEVIATE FROM THE FDEP CONSTRUCTION PERMIT, THEN SUCH REVISIONS WILL ALSO REQUIRE APPROVAL FROM FDEP.

10. FOR EACH RESPECTIVE PIPELINE CONSTRUCTION REQUIRED, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH, SIZE, MATERIAL TYPE, AND ALIGNMENT OF ALL EXISTING PIPES, CABLES, ETC. TO BE CROSSED OR CONNECTED TO. IF THE CONTRACTOR DEEMS NECESSARY (A) A CHANGE IN ALIGNMENT OR DEPTH, OR THE NEED FOR ADDITIONAL FITTINGS, BENDS, OR COUPLINGS, WHICH REPRESENT A DEPARTURE FROM THE CONTRACT DRAWING, OR (B) A NEED FOR RELOCATION OF EXISTING UTILITIES, THEN DETAILS OF SUCH DEPARTURES, RELOCATIONS, OR ADDITIONAL FITTINGS, INCLUDING CHANGES IN RELATED PORTIONS OF THE PROJECT AND THE REASONS THEREFORE, SHALL BE SUBMITTED WITH SHOP DRAWINGS. APPROVED DEPARTURES FOR THE CONTRACTOR'S CONVENIENCE SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.

RECORD DRAWING REQUIREMENTS

1. RECORD DRAWINGS SHALL DEPICT SURVEYED AS-BUILT INFORMATION INCLUDING HORIZONTAL AND VERTICAL LOCATIONS AS REQUIRED BELOW. RECORD DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER AT LEAST THREE WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A FLORIDA LICENSED SURVEYOR, SIGNED, SEALED AND DATED BY THE RESPONSIBLE PARTY.

2. ALL RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR IN ACAD FORMAT USING CONSTRUCTION PLAN SHEETS PROVIDED BY THE ENGINEER. AS-BUILT INFORMATION SHALL BE FIELD VERIFIED, MEASURED, ADDED TO THE ACAD FILES OF THE CONSTRUCTION PLAN SHEETS PROVIDED BY THE ENGINEER, AND CERTIFIED, SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED SURVEYOR WHO WILL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND ELEVATIONS. SHEET SIZES AND THE SCALE OF THE RECORD DRAWINGS SHALL MATCH SHEET SIZING AND SCALE OF THE CONSTRUCTION PLANS. ADD BLOWUP DETAILS IF NECESSARY.

3. THE SURVEYED AS-BUILT INFORMATION SHALL BE VERTICALLY BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND THE COORDINATE SYSTEM SHALL BE BASED HORIZONTALLY ON THE NORTH AMERICAN DATUM 83 (NAD83) (1990 ADJUSTMENT). THE AS-BUILT SURVEY SHALL BE REFERENCED TO THE PROJECT BENCHMARKS AND SHALL BE REFERENCED TO THE STATE PLANE COORDINATES.

4. ALL INLETS, MANHOLES, STRUCTURES, VALVES, VALVE BOXES, HYDRANTS, BLOW OFFS, SAMPLE POINTS, METER BOXES, SIDEWALK, BOLLARDS, ETC. SHALL BE CLEARLY SHOWN. VERTICAL ELEVATIONS SHALL BE SURVEYED AS FOLLOWS: VALVES (OPERATING NUT), UTILITY PRESSURE MAINS (TOP OF CENTER OF PIPE), HYDRANTS (OPERATING NUT OF HYDRANT AND GRADE AT THE BASE OF THE HYDRANT), MANHOLES (RIM, INVERTS / FLOW LINES, CONNECTING PIPE DIAMETERS), GRATE INLETS (TOP OF GRATE, FLOW LINES, CONNECTING PIPE DIAMETERS), CURB INLETS (EDGE OF PAVEMENT, TOP OF STRUCTURE, CONNECTING PIPE DIAMETERS, FLOW LINES), STORM MANHOLES (RIM, FLOW LINE AND DIAMETER), SANITARY MANHOLES (INVERT AND DIAMETER), FITTINGS (TYPE, DIAMETER, AND TOP ELEVATION), METER BOXES (TOP OF BOX), AIR RELEASE VALVES (TOP OF ENCLOSURE AND GRADE AT THE BASE OF THE ENCLOSURE), BLOW OFFS (TOP OF BOX), PUMP STATION WET WELLS (TOP OF WET WELL, GRAVITY SEWER INVERTS AND DIAMETERS, FORCE MAIN TOP OF PIPE AND DIAMETERS, STRUCTURE INVERT), PUMP STATION VALVE VAULTS (TOP OF VAULT, TOP OF PIPELINES AND DIAMETERS, VAULT INVERT), SIDEWALK, LANDINGS AND RAMPS (TOP AND BOTTOM ELEVATIONS AND CROSS SLOPES AT EACH END OF THE RAMP, ALL FOUR CORNERS OF LANDING AREAS).

5. THE SURVEYED AS-BUILT LOCATION OF THE NEWLY CONSTRUCTED FACILITIES SHALL BE IN AN ACAD OVERALL BASE DRAWING WHICH IS IN STATE PLANE. PROVIDING "PAPER SPACE" VIEWS THAT ARE NOT IN STATE PLANE OF THE CONSTRUCTED FACILITIES IS NOT ACCEPTABLE. PROVIDING NORTHING AND EASTING POINT TABLES ON SEPARATE NEW SHEETS ADDED TO THE CONSTRUCTION PLANS IS NOT ACCEPTABLE. THE AS-BUILT NORTHING AND EASTING DATA MUST BE ON THE INDIVIDUAL CONSTRUCTION PLAN SHEETS TO WHICH THE DATA APPLIES.

6. THE AS-BUILT INFORMATION IS TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

   A. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS AND CLEANOUTS, INCLUDING STRUCTURE TOP AND INVERT ELEVATIONS.

   B. DISTANCE ALONG PIPELINES BETWEEN STRUCTURES, PIPELINE DIAMETER AND TYPE OF MATERIAL, AND FINISH GRADE ELEVATIONS ALONG THE CONSTRUCTED PIPELINE.

   C. STORMWATER CONVEYANCE SYSTEMS INCLUDING DIMENSIONS, ELEVATIONS, CONTOURS, AND CROSS SECTIONS.

   D. HORIZONTAL LOCATIONS (STATE PLANE COORDINATES) AND VERTICAL ELEVATIONS (TOP OF PIPE, FITTING, AND GRADE ELEVATIONS) OF ALL UTILITY MAINS, VALVES, FITTINGS, CONNECTION POINTS, STUB-OUTS, AND TERMINATIONS (TOP OF PIPE AND GRADE ELEVATION) AT EACH END AND EVERY 100-FT ALONG THE UTILITY MAIN. PROVIDE THE UTILITY MAIN DIAMETER AND PIPE MATERIAL. WHERE PIPE MATERIAL CHANGES, PROVIDE THE HORIZONTAL AND VERTICAL INFORMATION AT EACH LOCATION.

   E. VERTICAL ELEVATIONS OF ALL PIPELINES AT CROSSINGS OF POTABLE WATER MAINS (WHETHER THE WATER MAIN IS EXISTING OR NEW) IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL SEPARATION HAS BEEN MET.

   F. VERTICAL ELEVATIONS OF THE TOP OF CASING AND TOP OF CARRIER PIPE MEASURED AT EACH END OF CROSSINGS THAT HAVE BEEN JACK AND BORED.

   G. HORIZONTAL LOCATIONS (STATE PLANE COORDINATES AND STATIONS AND OFFSETS) OF EACH END OF STEEL CASING PIPE ALSO PROVIDE DISTANCE FROM EDGE OF PAVEMENT AND ADJACENT RIGHT-OF-WAY LINE(S).

   H. PIPELINE THAT IS DIRECTIONAL BORED IS TO BE HORIZONTALLY AND VERTICALLY LOCATED EVERY 20' ALONG THE BORE. PROVIDE THIS INFORMATION BY SUBMITTING BORING LOGS AND BY DRAWING THE AS-BUILT VERTICAL AND HORIZONTAL LOCATIONS OF THE BORED PIPELINE ON THE RECORD DRAWINGS BASED ON THE BORING LOGS. PROVIDE STATE PLANE COORDINATES AT EACH END OF DIRECTIONAL BORED PIPELINE.

   I. PAVEMENT WIDTH AND ELEVATIONS AT THE CENTERLINE AND EDGE OF PAVEMENT EVERY 200 FEET PLUS AT ALL CHANGES IN LONGITUDINAL SLOPE, CROSS SLOPE, INLET LOCATIONS, AND AT ALL DRIVEWAY AND STREET INTERSECTIONS. FOR PARKING LOTS, RECORD CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS ALONG ALL DRIVE AISLES AND ISLANDS.

   J. ALL PARKING AREAS, SIDEWALK, SIDEWALK RAMPS, LANDING AREAS, AND RAMPS DESIGNATED FOR HANDICAP ACCESS SHALL CONTAIN HORIZONTAL AND VERTICAL MEASUREMENTS IN ORDER TO VERIFY REQUIRED WIDTHS, SLOPES, AND CROSS SLOPES HAVE BEEN MET. PROVIDE BUILDING FINISH FLOOR ELEVATIONS AT ALL BUILDING ACCESS POINTS.

   K. HORIZONTAL AND VERTICAL DATA FOR ANY CONSTRUCTION THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.

   L. WHERE THE PLANS CONTAIN SPECIFIC HORIZONTAL LOCATION DATA, SUCH AS STATION AND OFFSET, THE RECORD DRAWINGS ARE TO REFLECT THE ACTUAL HORIZONTAL LOCATION.

   M. WHERE THE PLANS CONTAIN SPECIFIC VERTICAL ELEVATION DATA, THE RECORD DRAWINGS ARE TO REFLECT THE ACTUAL MEASURED VERTICAL ELEVATION.

   N. STORMWATER POND TOP OF BERM AND POND BOTTOM ELEVATIONS AND HORIZONTAL DIMENSIONS MEASURED AT A MINIMUM OF TEN LOCATIONS PER POND, AT LOCATIONS DESIGNATED BY THE ENGINEER (PROVIDE SPOT ELEVATIONS AND CONTOURS). TOP OF POND BERM DIMENSIONS, INCLUDING THE BERM WIDTH ARE ALSO TO BE TIED TO PROPERTY CORNERS, EASEMENTS, AND RIGHTS-OF-WAY.

   O. STORMWATER CONTROL STRUCTURE DIMENSIONS AND ELEVATIONS, INCLUDING ALL WEIRS, SLOTS, ORIFICES (INCLUDING DIAMETER AND TYPE OF MATERIAL), GRATES, AND SKIMMERS.

7. RECORD DRAWINGS ARE TO BE PREPARED BY THE CONTRACTOR, CERTIFIED BY THE CONTRACTOR'S LICENSED SURVEYOR, AND DELIVERED TO THE ENGINEER FOR REVIEW. THE ENGINEER WILL REVIEW THE DRAWINGS FOR COMPLETENESS IN ACCORDANCE WITH THE REQUIREMENTS OF THESE NOTES WITHIN SEVEN (7) FULL WORKING DAYS. FOR PRELIMINARY REVIEW, SUBMITTAL IN ACAD AND PDF FORMAT IS SUFFICIENT AND SIGNED AND SEALED COPIES ARE NOT NECESSARY. FINAL SUBMITTAL OF COMPLETE RECORD DRAWINGS SHALL CONSIST OF ONE SET SIGNED AND SEALED BY THE CONTRACTOR'S LICENSED SURVEYOR PLUS ACAD AND PDF FILES OF THE RECORD DRAWINGS DELIVERED TO THE ENGINEER. IF THE DRAWINGS ARE FOUND TO BE INCOMPLETE OR INACCURATE, THE DRAWINGS WILL BE RETURNED TO THE CONTRACTOR FOR CORRECTION.

8. IN CASES WHERE THE OWNER DETERMINES PARTIAL CLEARANCES FROM PERMITTING AGENCIES ARE BENEFICIAL TO THE OWNER FOR COMPLETED PORTIONS OF THE PROJECT, PROVIDE PRELIMINARY RECORD DRAWINGS (ACAD FORMAT) TO THE ENGINEER FOR ITS USE IN PREPARING THE PARTIAL CLEARANCE APPLICATIONS FOR THE OWNER. THESE PRELIMINARY RECORD DRAWINGS SHALL INCLUDE THE FOLLOWING FOR REVIEW BY THE ENGINEER PRIOR TO REMOVE HAS BEEN RECEIVED FROM THE OWNER: NOTE THAT SHALL NOT OCCUR FOR SOME TIME AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED, IN ORDER TO ENSURE THEIR REMOVAL HAS NOT OCCURRED UNTIL FINAL STABILIZATION HAS BEEN ACHIEVED TO THE SATISFACTION OF THE OWNER AND ENGINEER.

9. COMPLETE SIGNED AND SEALED RECORD DRAWINGS ARE REQUIRED TO BE DELIVERED TO THE OWNER PRIOR TO FINAL INSPECTION OF THE PROJECT. FINAL INSPECTIONS WILL ONLY BE SCHEDULED UPON RECEIPT OF SIGNED AND SEALED RECORD DRAWINGS THAT HAVE BEEN REVIEWED BY THE ENGINEER AND DELIVERED BY THE ENGINEER TO THE OWNER.

EROSION AND SEDIMENT CONTROL

1. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PROVIDED AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. SEDIMENT CONTROL CONSISTS OF SILT FENCING (SEDIMENT BARRIER) AND FLOATING TURBIDITY BARRIERS PER DETAILS ON THE DRAWINGS. EROSION CONTROL CONSISTS OF SEEDING AND MULCHING, HYDROSEEDING, SODDING, WETTING SURFACES, PLACEMENT OF COARSE AGGREGATE, TEMPORARY PAVING.

2. MAINTAIN TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY OWNER OR GOVERNING AUTHORITIES TO CONTROL EROSION AND SILTATION DURING LIFE OF CONTRACT. OWNER HAS AUTHORITY TO LIMIT SURFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, TRENCHING, BORROW AND EMBANKMENT OPERATIONS. OWNER ALSO HAS AUTHORITY TO DIRECT CONTRACTOR TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

3. CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE REQUIREMENTS OR IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSION ORDERED BY OWNER OR GOVERNING AUTHORITIES WITHIN 48 HOURS OR SOONER IF REQUIRED AT NO ADDITIONAL COST TO OWNER.

4. CONTRACTOR WILL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL FEATURES INTO PROJECT AT EARLIEST PRACTICAL TIME TO MINIMIZE NEED FOR TEMPORARY CONTROLS.

5. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS REPRESENT A MINIMUM REQUIREMENT. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NEEDED IN ORDER TO PREVENT THE TRANSFER OF SEDIMENT FROM THE PROJECT AREA AND PREVENT THE EROSION OF SURFACES DURING CONSTRUCTION, AS NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER BODIES.

6. GRASS ALL DISTURBED AREAS WITHIN 7 DAYS OF INITIAL DISTURBANCE. TYPE OF GRASSING SHALL BE AS FOLLOWS: TEMPORARY GRASSING TO BE SODDING AT ALL DRAINAGE STRUCTURES, RETENTION AREAS, PONDS AND DITCHES, AND WHERE SLOPES ARE STEEPER THAN 3:1. TEMPORARY GRASSING CAN BE HYDROSEEDING OR SEED AND MULCH AT ALL OTHER LOCATIONS UNLESS OTHERWISE INDICATED IN THE DRAWINGS OR SPECIFICATIONS.

7. INSPECT EVERY TWO WEEKS DURING CONSTRUCTION. REMOVE ANY SEDIMENT BUILD-UP. REPAIR AND REINSTALL ANY DAMAGED OR MISSING SEDIMENT CONTROL MEASURES. INSTALL ADDITIONAL MEASURES IF INSPECTION REVEALS ADDITIONAL SEDIMENTATION CONTROL IS NECESSARY.

8. AREAS TO BE PAVED SHALL BE TREATED WITH A BITUMINOUS PRIME COAT AND SANDED TO MINIMIZE EROSION, WHERE PAVING IS SCHEDULED TO OCCUR MORE THAN 48 HOURS AFTER INSTALLATION OF BASE COURSE. AREAS TO RECEIVE CONCRETE PAVING SHALL BE EITHER PROTECTED WITH A LAYER OF FDOT COARSE AGGREGATE MATERIAL OR SHALL BE PAVED WITHIN 48 HOURS OF INSTALLATION OF THE SUBGRADE. INSTALL FINAL SURFACE COURSES WITHIN 14 DAYS AFTER REMOVAL OF EXISTING PAVEMENT.

STORMWATER POLLUTION PREVENTION REQUIREMENTS

1. CONSTRUCTION OF THIS PROJECT IS REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES.

2. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. COPIES OF THE NPDES GENERIC PERMIT, NOI, AND NOT FORMS, AND PERMIT APPLICATION FEE INFORMATION ARE AVAILABLE FOR DOWNLOAD FROM FDEP.

3. THE SWPPP SHALL LIST ALL THE CONTRACTORS OR SUBCONTRACTORS WHO WILL BE CONDUCTING CONSTRUCTION ACTIVITIES AT THE SITE, AND IDENTIFY THE AREAS OF THE SITE IN WHICH THEY WILL BE WORKING. ALL CONTRACTORS AND SUBCONTRACTORS IDENTIFIED IN THE SWPPP MUST SIGN A COPY OF THE CERTIFICATION STATEMENT CONTAINED IN THE SWPPP BEFORE CONDUCTING ANY CONSTRUCTION ACTIVITIES AT THE SITE. THE CERTIFICATIONS MUST HAVE THE NAME AND TITLE OF THE PERSON SIGNING THE CERTIFICATION; THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE CONTRACTING FIRM; AND THE SIGNATURE DATE. THESE STATEMENTS MUST BE MAINTAINED IN THE SWPPP FILE ON SITE.

4. THE SWPPP SHALL DESCRIBE AND ENSURE THE IMPLEMENTATION OF BEST MANAGEMENT PRACTICES WHICH WILL BE USED TO REDUCE THE POLLUTANTS IN STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY AND TO ASSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE NPDES GENERIC PERMIT. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE DRAWINGS ARE THE MINIMUM REQUIRED THAT ARE TO BE INSTALLED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY STANDARDS AND MAY NEED TO INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROLS TO MEET THESE REQUIREMENTS.

5. THE SWPPP SHALL BE COMPLETED PRIOR TO SUBMITTAL OF THE NOI AND SHALL INCLUDE THE ELEMENTS NECESSARY TO COMP

EXCAVATION, TRENCHING, AND FILL

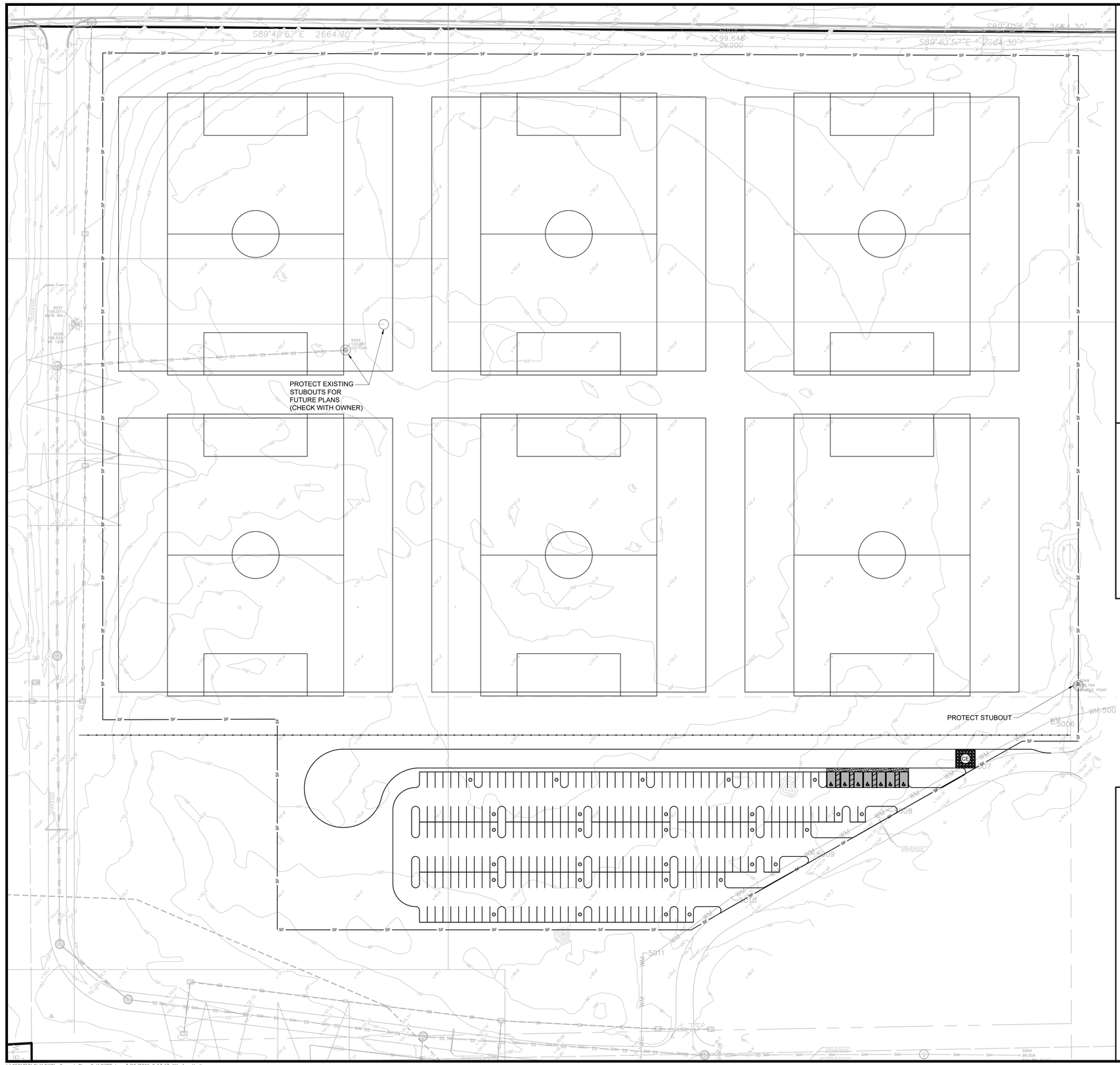
1. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 553.60-553.64). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.
2. ROUGH EXCAVATE AND GRADE ANY PROPOSED STORMWATER PONDS AT THE START OF SITE GRADING ACTIVITIES. DIRECT SITE RUNOFF TO THE PONDS TO MINIMIZE RUNOFF TO OFFSITE AREAS.
3. POND CONSTRUCTION SHALL RESULT IN THE FINISHED POND HAVING SIDE SLOPES AND DIMENSIONS THAT ARE IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT THESE REQUIREMENTS HAVE BEEN MET. IF THE CONSTRUCTED SIDE SLOPES ARE STEEPER THAN THE REQUIRED SIDE SLOPES, OR THE POND VOLUME IS NOT WITHIN THREE (3) PERCENT OF THE DESIGN VOLUME, THE CONTRACTOR MAY BE REQUIRED TO MAKE CORRECTIONS TO THE POND AT NO ADDITIONAL COST TO THE OWNER.
4. FIELD DENSITY TESTING FREQUENCIES: A) ONE TEST FOR EACH 10,000 SQUARE FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING, MINIMUM 2 TESTS EACH LAYER; B) ONE TEST FOR EACH 100 SQUARE FEET OR FRACTION THEREOF OF BACKFILL AROUND AND UNDER STRUCTURES; C) ONE TEST FOR EACH 300 LINEAL FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING IN THE PIPELINE TRENCH; D) ONE TEST PER LIFT PER EACH CHANGE IN TYPE OF FILL; E) ONE TEST PER 1000 SQUARE FEET OF PAVEMENT SUBGRADE, MINIMUM OF 2 TESTS.
5. IT IS INTENDED THAT PREVIOUSLY EXCAVATED MATERIALS CONFORMING TO THE FOLLOWING REQUIREMENTS BE UTILIZED WHEREVER POSSIBLE.
   A. ACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-1, A-3, A-2-4, A-2-6; ASTM D2487 CLASSIFICATION GW, GP, GM, SM, SW, SP. UNLESS OTHERWISE DISAPPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS. NO MORE THAN 12% OF ACCEPTABLE MATERIALS SHALL PASS THE NUMBER 200 SIEVE.
   B. UNACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-2-5, A-2-7, A-4, A-5, A-6, A-7, A-8; ASTM D2487 CLASSIFICATION GC, SC, ML, MH, CL, CH, OL, OH, PT; UNLESS OTHERWISE APPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS.
6. PROVIDE BARRIERS, WARNING LIGHTS AND OTHER PROTECTIVE DEVICES AT ALL EXCAVATIONS.
7. SIDEWALKS, ROADS, STREETS, AND PAVEMENTS SHALL NOT BE BLOCKED OR OBSTRUCTED BY EXCAVATED MATERIALS, EXCEPT AS AUTHORIZED BY THE ENGINEER, IN WHICH CASE ADEQUATE TEMPORARY PROVISIONS MUST BE MADE FOR SATISFACTORY TEMPORARY PASSAGE OF PEDESTRIANS, AND VEHICLES. MINIMIZE INCONVENIENCE TO PUBLIC TRAVEL OR TO TENANTS OCCUPYING ADJOINING PROPERTY.
8. FURNISH, INSTALL, AND MAINTAIN, WITHOUT ADDITIONAL COMPENSATION, SHEETING, BRACING, AND SHORING SUPPORT REQUIRED TO KEEP EXCAVATIONS WITHIN THE PROPERTY OR EASEMENTS PROVIDED, TO SUPPORT THE SIDES OF THE EXCAVATION, AND TO PREVENT ANY MOVEMENT WHICH MAY DAMAGE ADJACENT PAVEMENT OR STRUCTURES, DAMAGE OR DELAY THE WORK, OR ENDANGER LIFE AND HEALTH. VOIDS OUTSIDE THE SUPPORTS SHALL BE IMMEDIATELY FILLED AND COMPACTED.
9. SHEETING, SHORING, AND BRACING USED FOR THE SUPPORT OF EXCAVATIONS OVER 20 FEET DEEP SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF FLORIDA.
10. ALL EXCAVATIONS SHALL BE MADE BY OPEN CUT UNLESS OTHERWISE INDICATED. SLOPE SIDES OF TRENCHES IN ACCORDANCE WITH OSHA REQUIREMENTS AND THE RECOMMENDATIONS CONTAINED WITHIN THE PROJECT GEOTECHNICAL REPORT.
11. EXCAVATE TRENCHES TO DEPTH INDICATED OR REQUIRED FOR INDICATED FLOW LINES AND INVERT ELEVATIONS. OVER EXCAVATE TRENCHES A MINIMUM OF 2 FEET WHERE EXCAVATIONS OCCUR WITHIN UNSUITABLE SOILS, AND REPLACE OVER EXCAVATED MATERIAL WITH SUITABLE SOILS.
12. EXCEPT AS OTHERWISE INDICATED, EXCAVATE FOR PRESSURE PIPING SO TOP OF PIPING IS MINIMUM 3 FEET BELOW FINISHED GRADE.
13. TRENCH BOTTOMS AND THE BOTTOMS OF ALL STRUCTURES SHALL BE KEPT DRY, COMPACTED, AND STABLE TO A DEPTH TWO FEET BELOW THE BOTTOM OF THE TRENCH OR STRUCTURE.
14. ALL BEDDING, FILL, AND BACKFILL MATERIAL SHALL BE SUITABLE SOILS OR FLOWABLE FILL. WHERE TRENCH OR EXCAVATION IS WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, FOUNDATIONS, OR SLABS, PLACE BACKFILL IN LAYERS OF 8 INCH LOOSE DEPTH. IN ALL OTHER AREAS, PLACE FILL AND BACKFILL IN LAYERS OF 12 INCH LOOSE DEPTH.
15. MINIMUM DENSITY REQUIREMENT (ASTM D1557 OR AASHTO T180): BACKFILL AND FILL UNDER AND WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, SLABS, FOUNDATIONS = 98 PERCENT; BACKFILL AND FILL PLACED WITHIN PUBLIC ROAD RIGHT-OF-WAY AND UTILITY EASEMENTS = 95 PERCENT; BACKFILL AND FILL PLACED WITHIN POND AND ROAD EMBANKMENT = 95 PERCENT; BACKFILL AND FILL PLACED IN ALL OTHER AREAS = 90 PERCENT.

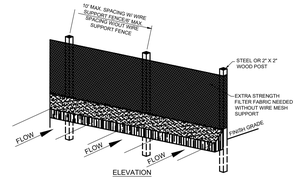
UTILITY SEPARATION REQUIREMENTS

1. THE HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWER, STORM SEWER, WASTEWATER FORCE MAINS, STORMWATER FORCE MAINS, RECLAIMED WATER MAINS AND ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
   A. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF THREE FEET FROM THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, VACUUM TYPE SANITARY SEWER AND RECLAIMED WATER MAIN.
   B. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF SIX FEET FROM THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY SANITARY SEWER AND WASTEWATER FORCE MAIN. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN THE OUTSIDE OF WATER MAINS AND THE OUTSIDE OF GRAVITY SANITARY SEWERS CAN BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
   C. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF TEN FEET FROM ALL PARTS OF ANY EXISTING OR PROPOSED ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SUCH AS SEPTIC TANKS, DRAINFIELDS, AND GREASE TRAPS. ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS DO NOT INCLUDE PACKAGE SEWAGE TREATMENT FACILITIES AND PUBLIC WASTEWATER TREATMENT FACILITIES.
2. THE VERTICAL SEPARATION BETWEEN WATER MAINS AND SANITARY AND STORM SEWER, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
   A. WHEREVER POSSIBLE, WATER MAINS SHALL CROSS OVER EXISTING OR PROPOSED GRAVITY SANITARY SEWER, VACUUM TYPE SANITARY SEWER, AND STORM SEWER, SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OUTSIDE OF THE SEWER. WHERE IT IS NOT POSSIBLE FOR THE WATER MAIN TO CROSS OVER EXISTING OR PROPOSED GRAVITY SANITARY SEWER, VACUUM TYPE SANITARY SEWER, AND STORM SEWER, THEN THE WATER MAIN CAN CROSS UNDER THESE TYPES OF PIPELINE SYSTEMS PROVIDED THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE PIPELINE. AT THE CROSSING, THE PROPOSED PIPE JOINTS SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM VACUUM TYPE SANITARY SEWER OR STORM SEWER JOINTS, AND AT LEAST SIX FEET FROM GRAVITY SANITARY SEWER JOINTS.
   B. WHEREVER POSSIBLE, WATER MAINS SHALL CROSS OVER EXISTING OR PROPOSED RECLAIMED WATER MAINS, WASTEWATER FORCE MAINS AND STORMWATER FORCE MAINS. WHETHER THE WATER MAIN CROSSES OVER OR UNDER THESE TYPES OF PIPELINE SYSTEMS, THE OUTSIDE OF THE WATER MAIN SHALL BE AT LEAST 12 INCHES FROM THE OUTSIDE OF THE EXISTING OR PROPOSED RECLAIMED WATER MAIN, WASTEWATER FORCE MAIN AND STORMWATER FORCE MAIN. AT THE CROSSING, THE PROPOSED PIPE JOINTS SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM RECLAIMED WATER MAIN JOINTS AND STORMWATER FORCE MAIN JOINTS, AND AT LEAST SIX FEET FROM THE JOINTS OF WASTEWATER FORCE MAINS.
3. NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE.
4. NEW OR RELOCATED FIRE HYDRANTS SHALL BE LOCATED SUCH THAT THE UNDERGROUND DRAIN (WEEP HOLE) IS AT LEAST:
   A. THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER MAIN, OR VACUUM TYPE SANITARY SEWER.
   B. SIX FEET FROM ANY EXISTING OR PROPOSED GRAVITY SANITARY SEWER AND WASTEWATER FORCE MAIN.
   C. TEN FEET FROM ANY ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SUCH AS SEPTIC TANKS, DRAINFIELDS, AND GREASE TRAPS. ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS DO NOT INCLUDE PACKAGE SEWAGE TREATMENT FACILITIES AND PUBLIC WASTEWATER TREATMENT FACILITIES.
5. THE FOLLOWING ARE ACCEPTABLE ALTERNATIVE CONSTRUCTION FEATURES TO BE CONSIDERED FOR COST EVALUATION WITH NO GUARANTEE THEY WILL BE APPROVED FOR IMPLEMENTATION WHERE IT IS NOT POSSIBLE TO MEET THE SEPARATION REQUIREMENTS. EXCEPTIONS FROM MEETING THE PIPE SEPARATION REQUIREMENTS, WITHOUT MITIGATION, SHALL BE ALLOWED ONLY BY FDEP IF TECHNICAL OR ECONOMIC JUSTIFICATIONS FOR EACH EXCEPTION PROVIDED BY THE ENGINEER ARE ACCEPTABLE TO FDEP AND ARE ONLY TO BE IMPLEMENTED UPON RECEIPT OF EXPRESSED WRITTEN CONSENT FROM THE ENGINEER AND APPROVAL FROM FDEP ON A CASE BY CASE BASIS. ALL POSSIBLE MEASURES TO ACHIEVE COMPLIANCE WITH THE PIPE SEPARATION REQUIREMENTS SHALL BE CONSIDERED FIRST ALONG WITH DESIGN CHANGES TO MEET THE REQUIREMENTS BEFORE THE ENGINEER SUBMITS A JUSTIFICATION OF AN EXCEPTION TO FDEP FOR APPROVAL. IMPLEMENTATION OF THESE MEASURES WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ENGINEER AND APPROVAL BY FDEP COULD RESULT IN THE REQUIREMENT THAT THE INSTALLED UNAPPROVED MEASURES BE REMOVED AND REPLACED AT NO ADDITIONAL COST.
   A. WHERE A WATER MAIN IS LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE OR WHERE A WATER MAIN CROSSES ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE LESS THAN THE MINIMUM REQUIRED DISTANCE BETWEEN THE JOINTS IN THE OTHER PIPELINE:
      1) USE OF PRESSURE RATED PIPE CONFORMING TO AWWA STANDARDS FOR A GRAVITY OR VACUUM TYPE PIPELINE.
      2) USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER PIPELINE.
      3) USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR EITHER PIPE.
   B. WHERE A WATER MAIN IS LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE OR WHERE A WATER MAIN CROSSES ANOTHER PIPELINE LESS THAN THE REQUIRED MINIMUM SEPARATION:
      1) USE OF PIPE OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (AT LEAST EQUAL TO 0.25 INCH THICK DUCTILE IRON PIPE), OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE WATER MAIN AND FOR THE OTHER PIPELINE IF THE OTHER PIPELINE COVEYS WASTEWATER OR RECLAIMED WATER.

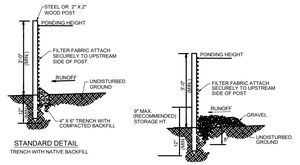
WATER AND RECLAIMED WATER DISTRIBUTION SYSTEMS

1. THE ENTITY THAT WILL OPERATE AND MAINTAIN THE WATER SHOWN ON THESE PLANS IS CITY OF APOPKA. THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS OF CITY OF APOPKA.
2. WATER VALVES, OR OTHER UTILITY INFRASTRUCTURE ARE TO BE OPERATED ONLY BY UTILITY PERSONNEL. ALL VALVES BEING INSTALLED ARE TO REMAIN CLOSED DURING CONSTRUCTION.
3. ALL TESTING REQUIRED TO BE WITNESSED BY THE UTILITY REQUIRES A MINIMUM SEVENTY-TWO (72) HOURS ADVANCE NOTICE TO THE UTILITY.
4. ALL PROPOSED CONNECTIONS TO EXISTING MAINS (SUCH AS WET TAPS) REQUIRE A MINIMUM SEVENTY-TWO (72) HOURS ADVANCE NOTICE TO THE UTILITY.
5. ALL WATER AND RECLAIMED MAIN PIPE SHALL BE EITHER DUCTILE IRON OR PVC, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
6. INSTALL ALL WATER AND RECLAIMED MAINS AT A MINIMUM 36 INCHES OF COVER.
7. BURIED DUCTILE IRON PIPE SHALL CONFORM WITH ANSI/AWWA C150/A21.50 AND C151/ A21.51, AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. BURIED PIPE SHALL COMPLY WITH THE FOLLOWING PRESSURE CLASS (PC) DESIGNATIONS UNLESS OTHERWISE INDICATED ON THE DRAWINGS: A) 12" DIAMETER AND SMALLER = PC 350; B) 14" THROUGH 24" DIAMETER = PC 250; C) 30" THROUGH 64" DIAMETER = PC 200.
8. EXPOSED PIPE 4" AND LARGER SHALL BE DUCTILE IRON FLANGED AND SHALL CONFORM WITH AWWA/ANSI C115/A21.15, AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. FLANGED PIPE SHALL COMPLY WITH THE FOLLOWING THICKNESS CLASS (TC) DESIGNATIONS UNLESS OTHERWISE INDICATED ON THE DRAWINGS: A) 4" DIAMETER = TC 54; B) 6" THROUGH 24" DIAMETER = TC 53
9. DUCTILE IRON PIPE AND FITTINGS WITHIN 10 FEET OF GAS MAINS SHALL HAVE AN 8-MIL POLYETHYLENE WRAP IN ACCORDANCE WITH ANSI/AWWA C105/A21.5.
10. PVC PIPE 4" - 30" SHALL CONFORM TO AWWA C900. PIPE SHALL CONFORM TO ASTM D1784, TYPE I, GRADE I, 4000 PSI DESIGN STRESS, AND SHALL BE NATIONAL SANITATION FEDERATION (NSF) APPROVED. PIPE SHALL BE CLASS 235 (DR18) PVC PIPE WITH CAST IRON OUTSIDE DIAMETER (CIOD), AND SHALL CONTAIN MARKINGS ON EACH SECTION SHOWING CONFORMANCE TO THE ABOVE SPECIFICATIONS. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO AWWA C900. THE BELL SHALL BE INTEGRAL WITH THE PIPE AND OF EQUAL OR GREATER PRESSURE RATING. THE BELL OF PIPE AND FITTINGS USING PUSH-ON JOINTS SHALL HAVE AN INTEGRAL GROOVE TO RETAIN THE GASKET IN PLACE.
11. ALL FITTINGS SHALL BE MANUFACTURED OF DUCTILE IRON, CONFORMING TO ANSI/AWWA C110/A21.10 OR ANSI/AWWA C153/A21.53. ALL FULL BODY (C110/A21.10) FITTINGS SHALL BE PRESSURE RATED TO 250 PSI, MINIMUM. ALL COMPACT FITTINGS (C153/A21.53) SHALL BE PRESSURE RATED TO 350 PSI, MINIMUM.
12. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE LINED AND COATED. INTERIOR LINING SHALL BE STANDARD THICKNESS CEMENT MORTAR LINING PER ANSI/AWWA C104/A21.4. EXTERIOR COATING FOR BURIED PIPE AND FITTINGS SHALL BE A PETROLEUM ASPHALTIC COATING IN ACCORDANCE WITH ANSI/AWWA C110/A21.10. EXTERIOR COATING OF EXPOSED PIPE AND FITTINGS SHALL BE FACTORY APPLIED RUST INHIBITING EPOXY PRIMER, MINIMUM 3 MILS DRY FILM THICKNESS. AFTER INSTALLATION, EXTERIOR SURFACES SHALL BE PAINTED WITH A TWO COAT SYSTEM. THE FIRST COAT (INTERMEDIATE COAT) SHALL BE 4-10.0 MIL DFT TNEMEC COLOR HI-BUILD EPOXOLINE II SERIES N69 OR APPROVED EQUAL, AND THE FINAL COAT SHALL BE 2.0-3.0 MIL DFT TNEMEC ENDURASHIELD SERIES 73 OR APPROVED EQUAL. THE FINAL COAT PAINT COLOR SHALL BE AS SELECTED BY THE LOCAL UTILITY.
13. MECHANICAL AND PUSH ON JOINTS FOR DUCTILE IRON PIPE AND FITTINGS SHALL BE RUBBER GASKETED, CONFORMING TO ANSI/AWWA C111/A21.11. LUBRICANTS OTHER THAN THAT FURNISHED BY THE PIPE MANUFACTURER WITH THE PIPE SHALL NOT BE USED.
14. RESTRAINED JOINTS FOR DUCTILE IRON PIPE BELL JOINTS SHALL BE AMERICAN FAST GRIP GASKET, MCWANE SURE GRIP 350 GASKET, U.S. PIPE FIELD LOK 350 GASKET, OR EBAA IRON MEGA LUG SERIES 1100HD. RESTRAINED JOINTS FOR DUCTILE IRON PIPE AND FITTING MECHANICAL JOINTS SHALL BE EBAA IRON MEGA LUG SERIES 1100, STAR GRIP SERIES 3000, OR TYLER/UNION TUF-GRIP SERIES TLD. LOCKING BELL JOINT RESTRAINT SHALL BE AMERICAN FLEX RING JOINT, AMERICAN LOK-RING JOINT, OR U.S. PIPE TR-FLEX. RESTRAINED JOINTS FOR PVC PIPE MECHANICAL JOINTS SHALL BE TYLER UNION SERIES 2000 TUF GRIP TL-PJM SUR-GRIP BELL RESTRAINER, FORD UNI-FLANGE SERIES 1500 CIRCLE LOCK, OR EBAA IRON MEGA LUG SERIES 2000PV. RESTRAINED JOINTS FOR PVC PIPE PUSH ON JOINTS SHALL BE EBAA IRON MEGA LUG SERIES 1500 OR SERIES 1600 (C900 PVC); SERIES 2800, FORD UNI-FLANGE SERIES 1390, OR SMITH-BLAIR BELL-LOK SERIES 165. PIPE JOINTS SHALL BE RESTRAINED UPSTREAM AND DOWNSTREAM OF FITTINGS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS OR THE TABLE SHOWN IN THE DRAWINGS, WHICHEVER IS GREATER. VALVES ARE TO BE RESTRAINED ON EACH SIDE OF THE VALVE AT THE CONNECTION TO ADJOINING PIPE.
15. POLYETHYLENE PIPE AND TUBING USED FOR SERVICE LINES ½-3 INCH DIAMETER SHALL BE POLYETHYLENE IN ACCORDANCE WITH AWWA C901, STANDARD CODE DESIGNATION PE 4710, SDR 9 (OUTSIDE DIAMETER BASED DIMENSION RATIO), 250 PSI. PIPE SHALL BE COLOR CODED BLUE (POTABLE WATER) OR PURPLE (RECLAIMED WATER). PIPE AND FITTINGS SHALL BE NSF APPROVED FOR THE USAGE TO WHICH THEY ARE TO BE APPLIED. JOINTS FOR SDR-PR PE PIPE SHALL BE BUTT FUSION OR SOCKET HEAT FUSION TYPE. FITTINGS SHALL BE MANUFACTURED OF THE SAME MATERIAL AS THE PIPE AND SHALL BE OF THE SAME SDR OR LESS. PROVIDE ADAPTERS AS REQUIRED TO JOIN PE PIPE TO PIPE, FITTINGS AND EQUIPMENT OF OTHER MATERIALS.
16. SERVICE SADDLES SHALL MEET THE REQUIREMENTS OF AWWA C800 AND SHALL CONSIST OF EPOXY COATED DUCTILE IRON BODIES IN ACCORDANCE WITH ASTM A536, 316 STAINLESS STEEL BANDS, 316 STAINLESS STEEL STRAPS, BOLTS, WASHERS AND NUTS. STAINLESS STEEL SHALL BE TYPE 304, AND NUTS ARE TO BE TEFLON COATED. THE DUCTILE IRON BODY IS TO BE FUSION BONDED NYLON COATED, MINIMUM THICKNESS 12 MILS, OUTLET OF SADDLE IS TO HAVE NPT THREADS. SERVICE SADDLES SHALL BE MANUFACTURED BY FORD, MUELLER, OR SMITH-BLAIR.
17. ALL SERVICES SHALL INCLUDE THE FOLLOWING: CURB STOPS, UNIONS AS REQUIRED, CORPORATION STOPS. CONFORMANCE WITH AWWA C800 AND C901 IS REQUIRED. THE CONTRACTOR SHALL CUT "W" IN THE TOP CURB OF EACH WATER SERVICE AND A "V" AT ALL VALVE LOCATIONS. CUT WS AND VS SHALL BE HIGHLIGHTED WITH BLUE PAINT.
18. UNLESS OTHERWISE NOTED IN THE PLANS, THE UTILITY COMPANY SHALL PROVIDE AND INSTALL WATER METERS AND RECLAIMED WATER METERS. CONTRACTOR SHALL CONSTRUCT WATER SERVICE AND RECLAIMED WATER SERVICE TO THE CORPORATION STOP.
19. UNLESS OTHERWISE INDICATED OR SPECIFIED, ALL VALVES TWO INCHES AND SMALLER SHALL BE ALL BRASS OR BRONZE; VALVES OVER TWO INCHES SHALL BE IRON BODY, FULLY BRONZE OR BRONZE MOUNTED.
20. VALVES 4 INCHES AND LARGER SHALL BE LINED AND COATED. BURIED AND EXPOSED VALVES SHALL BE COATED INSIDE AND OUT WITH A RUST INHIBITING EPOXY PRIMER, FOLLOWED BY AN EPOXY COATING MEETING THE REQUIREMENTS OF AWWA C550, APPLIED AT THE FACTORY. THE INTERIOR OF VALVES WITH A CAST IRON OR DUCTILE IRON BODY SHALL BE COATED WITH AN EPOXY PROTECTIVE COATING MEETING NSF INTERNATIONAL STANDARD 61 AND AWWA C550. AFTER INSTALLATION, EXTERIOR SURFACES SHALL BE PAINTED WITH A TWO COAT SYSTEM. THE FIRST COAT (INTERMEDIATE COAT) SHALL BE 4.0-10.0 MIL DFT TNEMEC COLOR HI-BUILD EPOXOLINE II SERIES N69 OR APPROVED EQUAL, AND THE FINAL COAT SHALL BE 2.0-3.0 MIL DFT TNEMEC ENDURASHIELD SERIES 73 OR APPROVED EQUAL. THE FINAL COAT PAINT COLOR SHALL BE AS SELECTED BY THE LOCAL UTILITY.
21. ALL VALVES 12" AND SMALLER SHALL BE GATE VALVES UNLESS OTHERWISE INDICATED ON THE DRAWINGS. GATE VALVES 3 INCHES TO 12 INCHES SHALL CONFORM TO AWWA C509 OR AWWA C515. THE VALVES SHALL BE IRON BODY, CAST IRON FULLY ENCAPSULATED MOLDED RUBBER WEDGE COMPLYING WITH ASTM D2000, NON-RISING STEM WITH O-RING SEALS. VALVES SHALL OPEN COUNTERCLOCKWISE.
22. TAPPING SLEEVES ARE TO BE 18-8 TYPE 304 STAINLESS STEEL AND STAINLESS STEEL OUTLET, AS MANUFACTURED BY JCM OR APPROVED EQUAL. TAPPING VALVES SHALL BE RESILIENT SEATED GATE VALVES AND SHALL CONFORM TO THE REQUIREMENTS OF AWWA C509. TAPPING VALVES SHALL BE MUELLER SERIES A-2361 CONTROL SERIES 2500, CLOW SERIES F-6114, OR M&H SERIES 4361.
23. VALVES 14" AND LARGER SHALL BE BUTTERFLY VALVES. BUTTERFLY VALVES SHALL MEET OR EXCEED THE DESIGN STRENGTH, TESTING AND PERFORMANCE REQUIREMENTS OF AWWA C504, CLASS 150. VALVE BODY SHALL BE MECHANICAL JOINT END TYPE VALVE CONSTRUCTED OF CAST IRON OR DUCTILE IRON. DISC SHALL BE ONE PIECE CAST DESIGN WITH NO EXTERNAL RIBS TRANSVERSE TO FLOW. DISC SHALL BE CAST IRON OR DUCTILE IRON. THE RESILIENT SEAT SHALL MATE WITH A 304 OR 316 STAINLESS STEEL SURFACE.
24. VALVE SEATS SHALL BE MECHANICALLY RETAINED, AND MAY BE INSTALLED ON EITHER THE BODY OR DISC. O-RING SEATS ON VALVE DISCS ARE UNACCEPTABLE. SEATS FOR VALVES 14" DIAMETER AND LARGER SHALL BE FULLY FIELD REPLACEABLE WITHOUT THE USE OF SPECIAL TOOLS. OPERATORS OF THE ENCLOSED TRAVELING-NUT TYPE SHALL BE PROVIDED UNLESS OTHERWISE INDICATED.
25. ALL BURIED VALVES SHALL BE PROVIDED WITH ADJUSTABLE VALVE BOXES APPROXIMATELY 5 INCHES IN DIAMETER AND SHALL BE HEAVY DUTY TRAFFIC RATED. VALVE BOXES SHALL BE CAST IRON. VALVE BOX LIDS SHALL BE CAST IRON H-20 LOAD RATED. BOXES SHALL BE OF SUFFICIENT LENGTH TO OPERATE ALL VALVES BURIED IN THE GROUND, CONSISTING OF BASE, CENTER SECTION, AND TOP SECTION WITH COVER. ALL VALVE BOX EXTENSIONS SHALL BE CAST IRON. VALVE BOX LIDS IN PAVED AREAS SHALL BE LOCKABLE. VALVE BOXES LOCATED IN UNPAVED AREAS AND VALVE BOXES IN PAVED AREAS SHALL BE ADJUSTABLE SCREW TYPE. VALVE BOX COVERS SHALL BE CAST WITH THE INSCRIPTION "WATER" OR "RECLAIMED WATER". IN UNPAVED AREAS, INSTALL A 2-FT X 2-FT X 6-IN THICK CONCRETE PAD (2500 PSI) AT EACH VALVE. ALL VALVE BOX COVERS SHALL BE PAINTED WITH A THREE COAT SYSTEM. THE FIRST COAT SHALL BE PRIMER, 2.5-3.5 MIL DRY FILM THICKNESS (DFT) TNEMEC SERIES 135 CHEMBUILD OR APPROVED EQUAL THE INTERMEDIATE COAT SHALL BE 4.0-10.0 MIL DFT TNEMEC COLOR HI-BUILD EPOXOLINE II SERIES N69 OR APPROVED EQUAL, AND THE FINAL COAT SHALL BE 2.0-3.0 MIL DFT TNEMEC ENDURASHIELD SERIES 73 OR APPROVED EQUAL. THE FINAL COAT PAINT COLOR SHALL BE BLUE (WATER) OR PURPLE (RECLAIMED WATER) OR AS APPROVED BY THE LOCAL UTILITY.
26. PVC PIPES SHALL BE COLOR CODED BLUE (WATER MAINS) OR PURPLE (RECLAIMED WATER MAINS) AND STENCILED (0.75-INCH LETTERING ON THE PIPE IN AT LEAST THREE AREAS PER PIPE SECTION) 'POTABLE WATER MAIN' OR 'RECLAIMED WATER MAIN' AS APPLICABLE.
27. INSTALL IDENTIFICATION TAPE ALONG ALL DUCTILE IRON PIPE AND PVC PIPE, MINIMUM THICKNESS 4 MILS, WIDTH 6 INCHES, LETTER SIZE 1 INCH. APPLY TAPE TO SURFACE OF PIPE, CONTINUOUSLY EXTENDING FROM JOINT TO JOINT. TAPE COLOR AND LETTERING SHALL BE BLACK PRINTING ON GREEN BACKGROUND (POTABLE WATER MAINS), BLACK PRINTING ON PURPLE BACKGROUND (RECLAIMED WATER MAINS). PLACE TAPE AS FOLLOWS: 2" - 8" PIPE - CENTER ALONG TOP HALF OF PIPE; 10" - 18" PIPE - PLACE ALONG BOTH SIDES OF THE TOP HALF OF PIPE; 20" PIPE AND LARGER - PLACE ON BOTH SIDES OF TOP HALF OF PIPE WITH A THIRD STRIP CENTERED ALONG TOP HALF OF PIPE.
28. INSTALL WARNING TAPE ALONG ALL PIPELINES, PLACED 2 FEET ABOVE PIPE. TAPE SHALL BE 6-INCH WIDE VINYL CONTINUOUS TAPE. TAPE SHALL BE COLORED BLUE (WATER MAINS) OR PURPLE (RECLAIMED WATER MAINS) WITH BLACK LETTERING, CODED AND WORDED "CAUTION: WATER MAIN BURIED BELOW", OR "CAUTION: RECLAIMED WATER MAIN BURIED BELOW", AS APPLICABLE.
29. INSTALL LOCATING WIRE ALONG ALL PVC PIPELINES. WIRE SHALL BE COLOR-CODED 10 GAUGE CONTINUOUS INSULATED WIRE. COLOR CODING SHALL BE SIMILAR TO WARNING TAPE COLORS. INSTALL LOCATOR WIRE ALONG ALL PRESSURIZED PIPELINES 2" AND LARGER. LOOP WIRE INTO ALL VALVE BOXES. LOOPING TO OCCUR EVERY 500 FEET MINIMUM. WHERE THERE ARE NO VALVE BOXES TO ALLOW LOOPING, PROVIDE ACCESS BOXES PER LOCAL UTILITY REQUIREMENTS. CHECK WIRE FOR ELECTRICAL CONTINUITY.
30. ALL CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS OR APPROVED JOINT DEFLECTION. BENDING OF PIPE, EXCEPT COPPER AND POLYETHYLENE IS PROHIBITED. JOINT DEFLECTION SHALL NOT EXCEED 75% OF THE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION.
31. TEST PROCEDURES SHALL BE APPROVED BY THE ENGINEER. ALL TESTS SHALL BE MADE IN THE PRESENCE OF THE ENGINEER AND UTILITY. NOTIFY THE ENGINEER AND THE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY WORK IS TO BE INSPECTED OR TESTED.
32. PROVIDE ALL EQUIPMENT FOR TESTING. INCREMENTS ON GAGES USED FOR LOW PRESSURE AIR TESTING SHALL BE OF SCALED TO THE NEAREST 0.1 PSI. GAGES, PUMPS, AND HOSES SHALL BE IN GOOD WORKING ORDER WITH NO NOTICEABLE LEAKS.
33. ALL SERVICE LINES SHALL BE COMPLETED PRIOR TO TESTING, AND ARE SUBJECT TO THE SAME TESTING REQUIREMENTS AS THE MAIN LINE.
34. THE SEQUENCE OF TESTING AND DISINFECTION SHALL BE AS FOLLOWS: 1) CONDUCT PRESSURE AND LEAKAGE TESTING; 2) PERFORM FLUSHING PER UTILITY REQUIREMENTS AND AWWA C651; 3) DISINFECT THE WATER MAIN, INCLUDING VALVES AND FITTINGS; AND 4) DECHLORINATE AND FLUSH AFTER DISINFECTION.
35. APPLY LEAKAGE TEST PRESSURE OF 150 PSI (WATER MAINS), 200 PSI (FIRE MAINS) OR 150 PSI (RECLAIMED WATER MAINS). MAINTAIN PRESSURE AT A MAXIMUM VARIATION OF 5% DURING THE ENTIRE LEAKAGE TEST. THE DURATION OF THE LEAKAGE TEST SHALL BE TWO HOURS MINIMUM, AND FOR SUCH ADDITIONAL TIME NECESSARY TO COMPLETE INSPECTION OF THE SECTION OF LINE UNDER TEST. LEAKAGE MEASUREMENTS SHALL NOT BE STARTED UNTIL A CONSTANT TEST PRESSURE HAS BEEN ESTABLISHED. THE LINE LEAKAGE SHALL BE MEASURED BY MEANS OF A WATER METER INSTALLED ON THE SUPPLY SIDE OF THE PRESSURE PUMP.
36. NO LEAKAGE IS ALLOWED IN EXPOSED PIPING, BURIED PIPING WITH FLANGED, THREADED, OR WELDED JOINTS OR BURIED NON-POTABLE PIPING IN CONFLICT WITH POTABLE WATER LINES.
37. TESTED SECTIONS OF BURIED PIPING WITH SLIP-TYPE OR MECHANICAL JOINTS WILL NOT BE ACCEPTED IF IT HAS A LEAKAGE RATE IN EXCESS OF THAT RATE DETERMINED BY THE FORMULA L = SDP(1/48000 WHERE L = MAXIMUM PERMISSIBLE LEAKAGE R



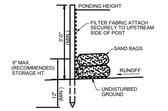


ELEVATION



STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

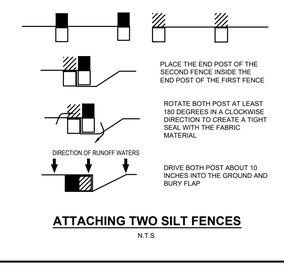
ALTERNATE DETAIL A
TRENCH WITH GRAVEL



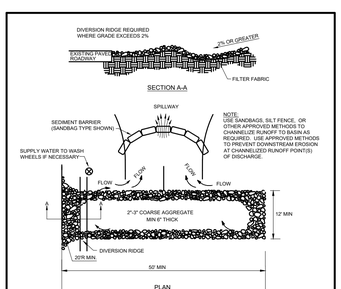
ALTERNATE DETAIL B
FOR TREE DRIP LINE OR SIDEWALKS

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 TO OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SEDIMENTATION / SILT FENCE
N.T.S.



ATTACHING TWO SILT FENCES
N.T.S.



NOTES:
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 CLEANOUT 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.

TEMPORARY CONSTRUCTION EXIT DETAIL
N.T.S.

N

60 0 60 120

Graphic Scale in Feet

LEGEND

PROPERTY LINE
LIMITS OF DISTURBANCE
SILT FENCE
OVERLAND FLOW DIRECTION ARROW
PERMANENT SODDING, SEEDING, OR MULCHING FOR ANY DISTURBED AREAS. (SEE LANDSCAPE PLANS)
TEMPORARY CONSTRUCTION ENTRANCE/EXIT SEE DETAIL ON THIS SHEET

NOTE:
ITEMS SHOWN SCREENED REPRESENT EXISTING CONDITIONS. ITEMS SHOWN BOLD REPRESENT PROPOSED CONDITIONS.

SEE SHEET C2.1 FOR STORMWATER POLLUTION PREVENTION NOTES.

ACREAGE SUMMARY

TOTAL SITE AREA	21.01 AC
TOTAL DISTURBED AREA	21.01 AC

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Plans Prepared By:
CPH, LLC
A Full Service A & E Firm

JOSHUA D. HUGHES LICENSE No. 95066 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOSHUA D. HUGHES, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 95066
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA D. HUGHES ON THE DATE INDICATED HERE. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

No.	Date	Revision

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

SWPP PLAN

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C2.0

J:\2501352\Civil\DWG_Current_Plan_Set\SWPP.dwg, 3/12/2026 8:53:17 AM, Asa Yoell,

STORMWATER POLLUTION PREVENTION NOTES

THESE PLANS HAVE BEEN PREPARED TO ASSIST THE CONTRACTOR IN OBTAINING COVERAGE UNDER THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PERMIT REQUIREMENTS AND MODIFY THESE PLANS AS NEEDED TO BE IN COMPLIANCE WITH THE PERMIT REQUIREMENTS.

SITE DESCRIPTION

A. SITE LOCATION
THE SITE IS LOCATED AT 3910 JASON DWELLEY PKWY, APOPKA, ORANGE COUNTY, FL
SECTION 19, TOWNSHIP 20 , RANGE 28
LATITUDE: 28°48'25.19"N LONGITUDE: 81°16'25.78"W

B. SITE CONDITIONS & ACTIVITIES NARRATIVE:
THE EXISTING CONDITION OF THE SITE IS PARTIALLY VACANT LAND AND PARTIALLY AN INDUSTRIAL BUILDING. DURING CONSTRUCTION THE SITE WILL BE CLEARED AND GRUBBED. THIS PROJECT WILL HAVE NO MAJOR EFFECT ON ANY THE ABUTTING PROPERTIES.

WETLANDS/BUFFERS
NO WETLANDS OR BUFFERS ARE ASSOCIATED WITH THIS PROJECT.

SWPPP INTENT
THE INTENT OF THIS SWPPP IS TO COMPLY WITH THE INTENT OF THE GENERIC PERMIT AND TO PREVENT THE RELEASE OF SOILS, TRASH, CHEMICALS, TOXINS AND OTHER POLLUTANTS, BY WATER , AIR, VEHICLE TRANSPORT OR OTHER MEANS THAT CAN IMPACT STORM WATER QUALITY. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GENERIC PERMIT AND RETAIN ON-SITE FOR FUTURE REFERENCE. THE CONTRACTOR SHALL READ AND UNDERSTAND THE PERMIT, AND ENSURE THAT THE BMP'S ARE INSTALLED AND THE EXECUTION OF THE WORK IS PERFORMED TO MEET THE INTENT OF THE GENERIC PERMIT AND THE SWPPP.

POTENTIAL SOURCES OF POLLUTION
THE POTENTIAL SOURCES OF POLLUTION THAT MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY INCLUDE: SEDIMENT, PESTICIDES, FERTILIZER, PLASTER, CLEANING SOLVENTS, ASPHALT, CONCRETE, GLUE, ADHESIVES, PAINTS, CURING COMPOUNDS, WOOD PRESERVATIVES, HYDRAULIC OIL FLUIDS, GASOLINE, DIESEL FUEL AND KEROSENE.

SEQUENCE OF CONSTRUCTION

THE SEQUENCE OF CONSTRUCTION HAS BEEN DEVELOPED AS A GUIDE FOR THE CONTRACTOR. THE CONTRACTOR SHALL SEQUENCE THE CONSTRUCTION AS NEEDED BASED ON BEST MEANS AND METHODS IN ORDER TO BE IN COMPLIANCE WITH STATE AND LOCAL REQUIREMENTS. THE INSTALLATION OR REMOVAL OF BMPS, EARTH DISTURBANCE, GRADING, TEMPORARY STABILIZATION AND PERMANENT STABILIZATION SHALL BE IMMEDIATELY NOTED IN THE SWPPP IMPLEMENTATION LOG. ALL TEMPORARY BMPS SHALL BE REPAIRED AND MAINTAINED UNTIL STABILIZATION HAS OCCURRED AND THERE IS NO RISK OF DISCHARGE. TEMPORARILY SEED, IMMEDIATELY AND THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.

1. POST A COPY OF THE NOI OR LETTER FROM FDEP CONFIRMING COVERAGE UNDER THE GENERIC PERMIT, AND THE NAME AND PHONE NUMBER OF THE CONTRACTOR'S REPRESENTATIVE RESPONSIBLE FOR EROSION AND SEDIMENTATION CONTROL INSTALLATION AND MAINTENANCE ON A 24 HOUR BASIS.
2. INSTALL PERIMETER CONTROLS IMMEDIATELY DOWNSTREAM OF THE PLANNED LOCATION OF THE CONSTRUCTION EXIT.
3. INSTALL STABILIZED CONSTRUCTION EXIT.
4. INSTALL REMAINING PERIMETER CONTROLS. THE CONTRACTOR SHALL INSTALL THE REMAINING BMPS AS SHOWN AND AS REQUIRED TO MEET PERMIT REQUIREMENTS. SOME BMP INSTALLATIONS MAY NOT BE POSSIBLE AT THE BEGINNING OF THE PROJECT BUT MUST BE INSTALLED AS SOON AS POSSIBLE TO ENSURE COMPLIANCE.
5. INSTALL TEMPORARY STAGING AND STORAGE AREAS.
6. CONSTRUCT AND STABILIZE THE SEDIMENT BASINS AND SEDIMENT TRAPS WITH APPROPRIATE OUTFALL STRUCTURES, IF REQUIRED.
7. CONSTRUCT AND STABILIZE HYDRAULIC CONTROLS (DITCHES, SWALES, DIKES, CHECK DAMS, ETC.), IF REQUIRED.
8. BEGIN DEMOLITION, CLEARING AND GRUBBING OPERATIONS AS APPLICABLE.
9. BEGIN CONSTRUCTION OF SITE IMPROVEMENTS.
10. PAVE SITE AND STABILIZE PER PLAN.
11. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER SITE HAS ACHIEVED FINAL STABILIZATION.
12. SUBMIT NOTICE OF TERMINATION (NOT) ONCE ALL CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED PER PLAN.

GENERAL NOTES

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILE "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES" (DEP FORM 62-621.300(4)(B) OR LATEST VERSION) TO FDEP TO THE FOLLOWING ADDRESS OR THROUGH THE FDEP ON-LINE SYSTEM AT LEAST TWO (2) DAYS BEFORE COMMENCEMENT OF CONSTRUCTION:

NPDES STORMWATER NOTICES CENTER, MS #2510 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 2600 BLAIR STONE ROAD, TALLAHASSEE, FLORIDA 32399-2400

THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (NOT) WITHIN 14 CALENDAR DAYS AFTER THE SITE HAS ACHIEVED FINAL STABILIZATION (I.E. ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINAL STABILIZED), TEMPORARY BMPS HAVE BEEN REMOVED, AND STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE AUTHORIZED BY THE PERMIT HAVE BEEN ELIMINATED.

AN ENVIRONMENTAL RESOURCE PERMIT IS REQUIRED FOR THE PROJECT. CONTRACTOR SHALL PROVIDE THE PERMIT INFORMATION ON THE NOI APPLICATION.

MS4 OPERATOR NAME: CITY OF APOPKA

THE CONTRACTOR SHALL PROVIDE A COPY OF THE NOI AND SUBSEQUENT NOT OR THE ACKNOWLEDGEMENT LETTERS FOR THE NOI OR NOT TO THE MS4 WITHIN 7 DAYS OF RECEIPT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE MS4 TO ENSURE THAT ALL SPECIFIC REQUIREMENTS ARE MET.

B. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES. SWALES SHALL BE CONSTRUCTED AS SHOWN ON PLANS.

C. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

I. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
II. NEW AND EXISTING STORMWATER INLETS AND OUTFALL STRUCTURES SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED IMMEDIATELY AS REQUIRED DURING THE VARIOUS STAGES OF CONSTRUCTION.
III. PERIMETER EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL FINAL SITE STABILIZATION HAS BEEN ESTABLISHED

D. CLEARING AND GRUBBING OPERATIONS SHALL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. GENERAL EROSION CONTROL BMP'S SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND OFF-SITE SEDIMENTATION. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED PRIOR TO ANY CONSTRUCTION ACTIVITY.

E. THE CONTRACTOR SHALL FURNISH, INSTALL PER THE SEQUENCE OF CONSTRUCTION, MAINTAIN AND SUBSEQUENTLY REMOVE, ALL NECESSARY TEMPORARY BMPS. THE CONTRACTOR WILL FURNISH AND INSTALL ALL NECESSARY PERMANENT BMPS.

F. THE CONTRACTOR SHALL ADJUST, ADD OR MODIFY BMPS AS NECESSARY TO COMPLY WITH THE INTENT OF THE GENERIC NPDES PERMIT AND THE SWPPP FOR NO ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO ADJUSTING, ADDING OR MODIFYING BMPS THAT AFFECT THE HYDRAULICS OF THE SITE OR BEFORE ADDING BMPS NOT DETAILED IN THE SWPPP.

G. THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO PROVIDE ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOWLAND PARCEL OR RECEIVING WATER.

H. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. THE EROSION CONTROL SYSTEM DESCRIBED WITHIN THE CONSTRUCTION DOCUMENTS SHOULD BE CONSIDERED TO REPRESENT THE MINIMUM ACCEPTABLE STANDARDS FOR THIS PROJECT. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DEPENDENT UPON THE STAGE OF CONSTRUCTION, THE SEVERITY OF THE RAINFALL EVENT AND/OR AS DEEMED NECESSARY AS A RESULT OF ON-SITE INSPECTIONS BY THE OWNER, THEIR REPRESENTATIVES, OR THE APPLICABLE JURISDICTIONAL AUTHORITIES. THESE ADDITIONAL MEASURES (IF NEEDED) SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE OWNER. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BEST MANAGEMENT PRACTICES (BMPS). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN FDOT INDEXES #100 THROUGH #102 AND AS NECESSARY FOR EACH SPECIFIC APPLICATION. IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ASSURE THAT THE STORMWATER DISCHARGE FROM THE SITE DOES NOT EXCEED THE TOLERANCES ESTABLISHED BY ANY OF THE APPLICABLE JURISDICTIONAL AUTHORITIES.

I. THE CONTRACTOR SHALL KEEP THE SWPPP CURRENT AT ALL TIMES. THE CONTRACTOR SHALL SIGN AND DATE ANY CHANGES TO THE SWPPP AND KEEP THEM AS ATTACHMENTS TO THE ORIGINAL PLAN. WHENEVER ANY OF THE FOLLOWING EVENTS OCCUR, THE CONTRACTOR SHALL UPDATE THE SWPPP WITHIN 7 DAYS:
I. THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION OR MAINTENANCE THAT HAS A SIGNIFICANT EFFECT ON THE DISCHARGE FROM THE PROJECT
II. THERE IS A NEW DISCHARGE POINT OUR OUTFALL
III. THERE IS A CHANGE IN THE LOCATION OF A DISCHARGE POINT OF OUTFALL
IV. AN INSPECTION REVEALS THAT BMPS ARE INEFFECTIVE AT ELIMINATING OR MINIMIZING POLLUTANTS IN THE STORMWATER DISCHARGED FROM THE SITE.
V. THERE IS A NEW SUBCONTRACTOR IMPLEMENTING ANY PORTION OF THE SWPPP
VI. A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR GREATER THAN A REPORTABLE QUANTITY OCCURS DURING A 24-HOUR PERIOD

J. THE CONTRACTOR SHALL ENSURE THAT THE CONTRACTOR AND ALL SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING SWPPP CONTROL MEASURES FILL OUT THE CONTRACTOR / SUBCONTRACTOR CERTIFICATION TABLE INCLUDED IN THIS SWPPP.

K. THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION SEQUENCE TABLE INCLUDING IN THIS SWPPP PRIOR TO PROCEEDING WITH THE INSTALLATION OF BMPS AND PRIOR TO GROUND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL COMPLETE THE TABLE WITH ANTICIPATED DATES IN WHICH THE BMP WILL BE UTILIZED OR THE ACTIVITY WILL OCCUR.

TURBIDITY

A. TURBIDITY REDUCTION TO NO MORE THAN 29 NTUs ABOVE BACKGROUND LEVEL PRIOR TO DISCHARGE OFF SITE.

B. CONTRACTOR TO FILE FOR A FDEP NOTICE OF INTENT (NOI) WITHIN 14 DAYS OF CONSTRUCTION COMPLETION.

STABILIZATION

A. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED AND WILL REMAIN UNDISTURBED FOR 7 DAYS OR MORE. STABILIZE BY COVERING WITH ADEQUATE AMOUNTS OF MULCH OVER SEED AND PERIODICALLY WATER TO PROMOTE AND MAINTAIN GROWTH OF THE TEMPORARY GROUNDCOVER, OR BY THE USE OF AN APPROPRIATE ALTERNATIVE BMP.

B. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREAS SHALL BE COMPLETED IMMEDIATELY AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED. ALL TEMPORARY PROTECTION SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

C. ALL GRASS SLOPES CONSTRUCTED STEEPER THAN 4H:1V SHALL BE SODDED IMMEDIATELY AFTER FINAL GRADE IS ESTABLISHED.

DUST CONTROL

A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.

B. AS REQUIRED AFTER COMPLETION OF CONSTRUCTION, BARE EARTH AREAS SHALL BE VEGETATED.

AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES.

WASTE MANAGEMENT

A. THE CONTRACTOR SHALL ENSURE THAT ALL WASTE AND DEBRIS ARE MANAGED DAILY SUCH THAT THEY WILL NOT IMPACT STORMWATER OR LEAVE THE PERMITTED AREA, AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

B. THE CONTRACTOR SHALL ENSURE THAT ALL CHEMICALS, OILS, FUELS, HAZARDOUS WASTE, UNIVERSAL WASTE AND TOXIC SUBSTANCES ARE PROPERLY MANAGED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL ENSURE THAT WASTE IS NOT DISCHARGED FROM THE SITE, AND DOES NOT IMPACT STORMWATER OR GROUNDWATER.

C. THE CONTRACTOR SHALL PROVIDE APPROPRIATE AND ADEQUATE WASHOUT FACILITIES TO ENSURE THAT CHEMICALS AND WASTE IS NOT DISCHARGED FROM THE SITE, AND DO NOT IMPACT STORMWATER OR GROUNDWATER. (E.G. CONCRETE/MASONRY WASHOUT, PAINT WASHOUT, EIFS, ETC.) THE CONTRACTOR SHALL CLEAN UP SPILLS PROMPTLY AND ENSURE THAT WASHOUT AREAS ARE PROPERLY MAINTAINED TO PROVIDE ADEQUATE VOLUME TO PREVENT OVERFLOW.

D. THE CONTRACTOR SHALL PROVIDE ADEQUATE SANITARY FACILITIES FOR SITE PERSONNEL, MAINTAIN THROUGHOUT CONSTRUCTION, AND PROVIDE FOR PROPER DISPOSAL IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. SANITARY FACILITIES SHALL BE PROPERLY SECURED TO PREVENT TIPPING.

E. A SPILL CONTROL AND CONTAINMENT KIT (CONTAINING FOR EXAMPLE, ABSORBENT MATERIAL SUCH AS KITTY LITTER OR SAWDUST, ACID, BASE, NEUTRALIZING AGENT, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, PLASTIC AND METAL TRASH CONTAINERS, ETC.) SHALL BE PROVIDED AT THE CONSTRUCTION SITE AND IT'S LOCATION(S) SHALL BE IDENTIFIED WITH LEGIBLE SIGNAGEAND SHOWN ON THE SITE MAPS.
A. THE SPILL CONTROL AND CONTAINMENT KIT SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.

F. WHEN A SPILL OF REPORTABLE QUANTITIES IS DISCOVERED ON THE SITE, THE CONTRACTOR SHALL CLEAN UP ALL SPILLED MATERIALS AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITIES IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS, THE OWNER AND PROJECT ENGINEER. THE CONTRACTOR SHALL RETAIN CLEANUP INFORMATION AS WELL AS DISPOSAL MANIFESTS WITH THEIR SWPPP.

MATERIALS MANAGEMENT, AND EQUIPMENT STAGING AND MAINTENANCE

A. EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF. STOCKPILED MATERIAL SHALL BE COVERED OR ENCIRCLED WITH SEDIMENT CONTAINMENT DEVICES.

B. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OR OIL, GREASE, LUBRICANTS, OR OTHER CONTAMINANTS. CONTRACTOR SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS IMMEDIATELY AFTER ANY OCCURRENCE.

C. THE CONTRACTOR SHALL ENSURE THAT ALL TOXIC / HAZARDOUS SUBSTANCES AND CHEMICALS ARE PROPERLY STORED, OUT OF THE WEATHER, AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE STORED AND USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

D. THE CONTRACTOR SHALL ENSURE THAT ALL MATERIALS, EQUIPMENT, DEBRIS, WASTE, TRAILERS, AND OTHER SUPPORT RELATED ITEMS ARE CONTAINED WITHIN THE PERMITTED LIMITS OF DISTURBANCE. THE CONTRACTOR SHALL ENSURE THAT THE STORAGE AND USE OF SUCH ITEMS DOES NOT NEGATIVELY IMPACT STORMWATER OR GROUNDWATER.

OFFSITE VEHICLE TRACKING

A. THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION EXIT IS USED BY ALL VEHICLES AND EQUIPMENT ENTERING OR LEAVING THE JOBSITE. THE CONTRACTOR SHALL MONITOR AND MAINTAIN THE CONSTRUCTION EXIT TO ENSURE THAT NO SOILS ARE TRACKED OFFSITE BY TIRES OR TRACKS, AND THAT ALL SOILS ARE SPILLED BY TRUCKS OR EQUIPMENT LEAVING THE SITE. ALL TRACKED OR SPILLED SOILS SHALL BE SHOVELED OR SWEPT FROM THE ROADWAY AND RETURNED TO THE SITE. WATER SHALL NOT BE USED TO CLEAN THE SOILS FROM THE ROADWAY UNLESS THE WATER AND SOILS ARE RECOVERED BY THE USE OF A VACUUM TRUCK OR SIMILAR DEVICE.

FERTILIZERS, HERBICIDES AND PESTICIDES

A. THE CONTRACTOR SHALL ENSURE THAT ALL FERTILIZERS, HERBICIDES, PESTICIDES AND SIMILAR PRODUCTS ARE PROPERLY STORED, OUT OF THE WEATHER, AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL ENSURE THAT THESE PRODUCTS ARE USED IN SUCH A MANNER THAT WILL NOT NEGATIVELY IMPACT STORMWATER, GROUNDWATER OR PROTECTED SPECIES.

B. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION.

INSPECTIONS AND MAINTENANCE

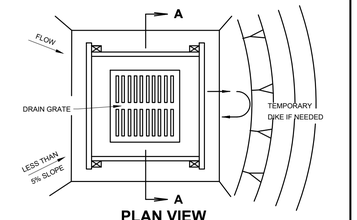
A. THE CONTRACTOR SHALL INSPECT BMPS (I.E. DISCHARGE LOCATIONS, CONSTRUCTION EXIT, PERIMETER CONTROLS, INLET PROTECTION, STABILIZATION, EROSION CONTROL, DOCUMENTATION, WASTE DISPOSAL AREAS, MATERIAL STORAGE AREAS, ETC.) TO ENSURE THAT BMPS ARE NOT CAUSING OR CONTRIBUTION TO VIOLATIONS OF WATER QUALITY STANDARDS OR RESULTING IN OFFSITE SEDIMENTATION; ENSURE THAT BMPS ARE INSTALLED, MAINTAINED AND OPERATING CORRECTLY AND EFFECTIVELY; ENSURE THAT BMPS ASSOCIATED WITH STORAGE AND WASTE DISPOSAL AREAS ARE BEING USED AND MAINTAINED PROPERLY; ENSURE THAT THE CONSTRUCTION EXIT IS FUNCTION PROPERLY TO PREVENT OFFSITE TRACKING OF SEDIMENT; ENSURE THAT EROSION PREVENTION MEASURES ARE MAINTAINED TO PREVENT VISIBLE EROSION OF DISTURBED AREAS AND SEDIMENTATION AT THE DISCHARGE POINTS; AND DETERMINE IF CONSTRUCTION ACTIVITIES HAVE ALTERED THE EFFECTIVENESS OF BMPS. INSPECTIONS MUST BE COMPLETED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS, AND WITHIN 24 HOURS AFTER A RAINSTORM OF 0.50 INCHES OR GREATER EVEN IF IT RAINS ON THE WEEKEND OR A HOLIDAY.

B. THE CONTRACTOR SHALL REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION USING THE STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM PROVIDED BY FDEP OR AN EQUIVALENT FORM. INSPECTION REPORTS SHALL BE SIGNED BY THE INSPECTOR AND A RESPONSIBLE AUTHORITY AS DEFINED BY THE PERMIT. INSPECTION REPORTS SHALL BE MAINTAINED WITH THE SWPPP. THE INSPECTOR MUST BE A QUALIFIED EROSION AND SEDIMENT CONTROL INSPECTOR AS DEFINED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

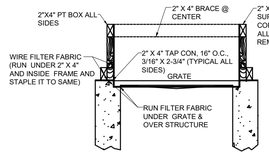
C. ANY MAINTENANCE, REPAIR AND NECESSARY REVISIONS TO BMP ITEMS SHALL BE ADDRESSED IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION OR IDENTIFICATION OF THE ISSUE. UNLESS OTHERWISE SPECIFIED, ACCUMULATED SEDIMENTS SHOULD BE REMOVED BEFORE THEY REACH ONE-HALF OF THE CAPACITY OF THE CONTROL DEVICE.

ALLOWABLE NON-STORMWATER DISCHARGES

THE GENERIC PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES PROHIBIT MOST NON-STORMWATER DISCHARGES DURING THE CONSTRUCTION PHASE. CERTAIN DISCHARGES ARE ALLOWED BY THE PERMIT, PROVIDED APPROPRIATE BMP'S ARE UTILIZED AND THE DISCHARGE DOES NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. ALLOWABLE NON-STORMWATER DISCHARGES THAT OCCUR DURING CONSTRUCTION ON THIS PROJECT PER PART 3.2 OF THE GENERIC PERMIT ARE:
DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
FIRE HYDRANT FLUSHINGS.
WATERS WITHOUT DETERGENTS USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES.
WATERS USED TO CONTROL DUST.
POTABLE WATER SOURCES SUCH AS WATERLINE FLUSHINGS.
LANDSCAPE IRRIGATION AND DRAINAGE.
ROUTINE EXTERNAL BUILDING WASHDOWN PROVIDED NO DETERGENTS ARE USED.
PAVEMENT WASHWATERS THAT DO NOT CONTAIN DETERGENTS, LEAKS, SPILLS OF TOXIC OR HAZARDOUS MATERIALS.
AIR CONDITIONING CONDENSATE.
SPRING WATER.
FOUNDATION OR FOOTING DRAIN FLOWS THAT ARE NOT CONTAMINATED WITH PROCESS MATERIAL SUCH AS SOLVENTS.
NONCONTAMINATED GROUND WATER ASSOCIATED WITH DEWATERING ACTIVITIES AS DESCRIBED IN PART 3.4 OF THE GENERIC PERMIT.



PLAN VIEW



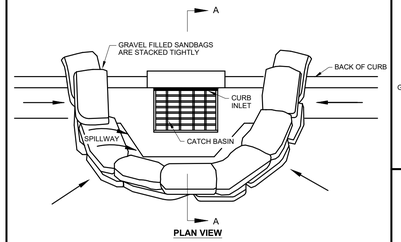
SECTION A - A

NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%).
2. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
3. FASTEN FRAMING TO STRUCTURE TO ALLOW GRATE REMOVAL.
4. LEAVE EXPOSED EDGE TO ALLOW FOR PAVING TO GRADE

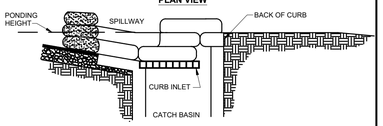
FILTER FABRIC INLET PROTECTION DETAIL

N.T.S.

NOTE:
AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.



PLAN VIEW



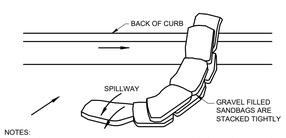
SECTION A-A

NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET PROTECTION DETAIL

N.T.S.

NOTE:
AVOID USING IN TRAFFIC AREAS AS THIS CAN CAUSE A HAZARD.



NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. TAPER TO ONE SANDBAG TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AS NECESSARY. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB LINE PROTECTION DETAIL

N.T.S.

1. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. PLACE AN OIL ADSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY EQUIREMENTS.
5. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.
8. EXTRA CARE SHALL BE TAKEN TO ENSURE REGULAR MAINTENANCE OF FILTER SACKS USED IN RIGHT OF WAY TO ENSURE ADEQUATE DRAINAGE CAPACITY.

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	600 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786

SITE DATA INFORMATION:

SITE PARCEL NUMBERS:
19-20-28-0000-00-048 (SITE IS PART OF 272.21 ACRES)

ON-SITE LAND INFORMATION:

CURRENT LAND USE:	RES. VERY LOW SUBURBAN
CURRENT ZONING:	OFFICE
FUTURE LAND USE:	INST / PUBLIC USE

AREA OF PROPOSED IMPROVEMENTS: +/- 29 ACRES

IMPERVIOUS AREA: 2625 SQFT
WMD PERMIT#: 51746-14

PARKING INFORMATION:
REQUIRED PARKING SPACES: N/A (OVERFLOW)

PROVIDED STANDARD PARKING SPACES: 255 SPACES
PROVIDED ADA SPACES: 7 SPACES

PHASE 1
SOCCER FIELDS
W. ROLLED SOD.
PHASE 1 MAY
INCLUDE THE
EMERGENCY LANE
AND TWO-RAIL
FENCE.

PHASE 2
SOCCER FIELDS
AND SPRIGGED

PHASE 3
SOCCER FIELDS,
SPRIGGED, AND
ADDITIONAL
OFF STREET
PARKING

PHASE 3
SOCCER FIELDS
AND ADDITIONAL
OFF STREET
GRASS PARKING

REMOVE TREE STUMPS
(GRIND DOWN)

TWO RAIL FENCE
SEE DETAIL ON
SHEET C4.0

STABILIZED
EMERGENCY LANE

CONCRETE OR ASPHALT
ADA PARKING STALLS.

5' WIDE SIDEWALK
ALONG ADA STALLS

EMERGENCY
VEHICLE
TURNAROUND

N

60 0 60 120

Graphic Scale in Feet

LEGEND

- PROPERTY LINE
- BUILDING SETBACK LINE
- TWO-RAIL FENCE
- LANDSCAPE BUFFER
- SIDEWALK
- CONCRETE
- STANDARD DUTY ASPHALT
- 10 — PARKING SPACE COUNT
- P1 — PHASE 1
- P2 — PHASE 2
- P3 — PHASE 3

NOTE:
ITEMS SHOWN SCREENED REPRESENT EXISTING CONDITIONS. ITEMS SHOWN BOLD REPRESENT PROPOSED CONDITIONS.

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www.cphcorp.com
Building Better Communities Together

Plans Prepared By:
CPH, LLC
A Full Service A & E Firm

JOSHUA D. HUGHES, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 95066
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA D. HUGHES ON THE DATE INDICATED HERE. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

No.	Date	Revision

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

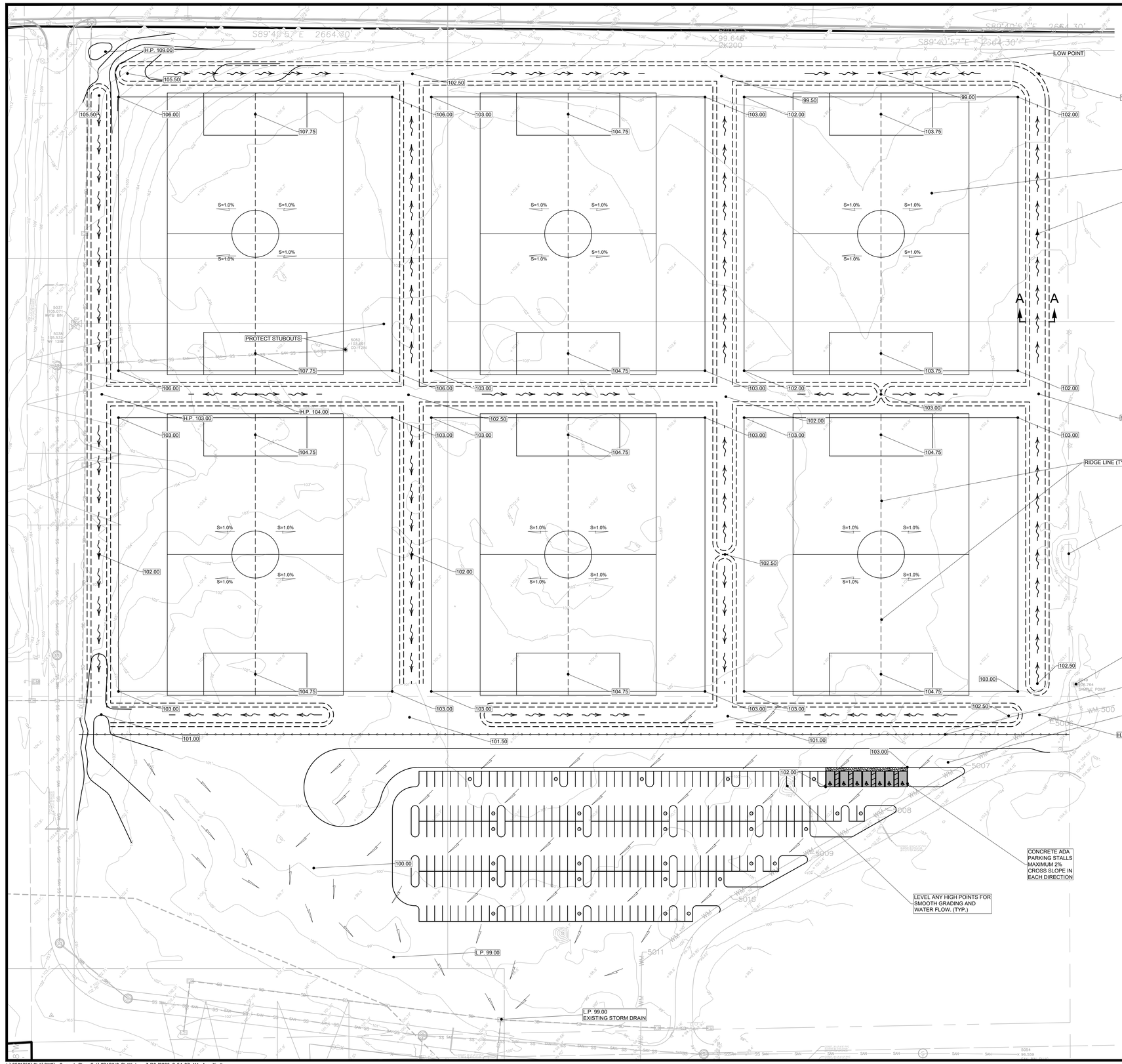
SITE PLAN

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

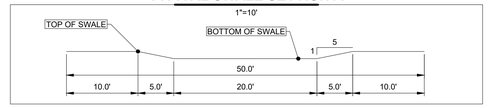
THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

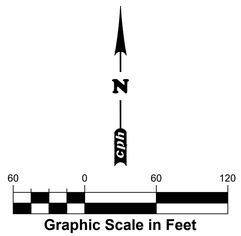
Sheet No.
C3.0

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TYPICAL SWALE SECTION A





Graphic Scale in Feet

LEGEND

- PROPERTY LINE
- BUILDING SETBACK LINE
- CONVEYANCE SWALE FLOW
- FENCE (AS NOTED ON PLAN)
- LANDSCAPE BUFFER
- SIDEWALK
- CONCRETE
- STANDARD DUTY ASPHALT
- (10) PARKING SPACE COUNT

NOTE:
ITEMS SHOWN SCREENED REPRESENT EXISTING CONDITIONS. ITEMS SHOWN BOLD REPRESENT PROPOSED CONDITIONS.

- 22.00 SPOT SHOT
- M.E.G MATCH EXISTING GRADE
- DIRECTION OF OVERLAND DRAINAGE FLOW
- HANDICAPPED RAMP; 1:12 SLOPE (MAX)
- H.P. HIGH POINT
- L.P. LOW POINT

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No.	Date	Revision

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2026 © 2026

GRADING PLAN

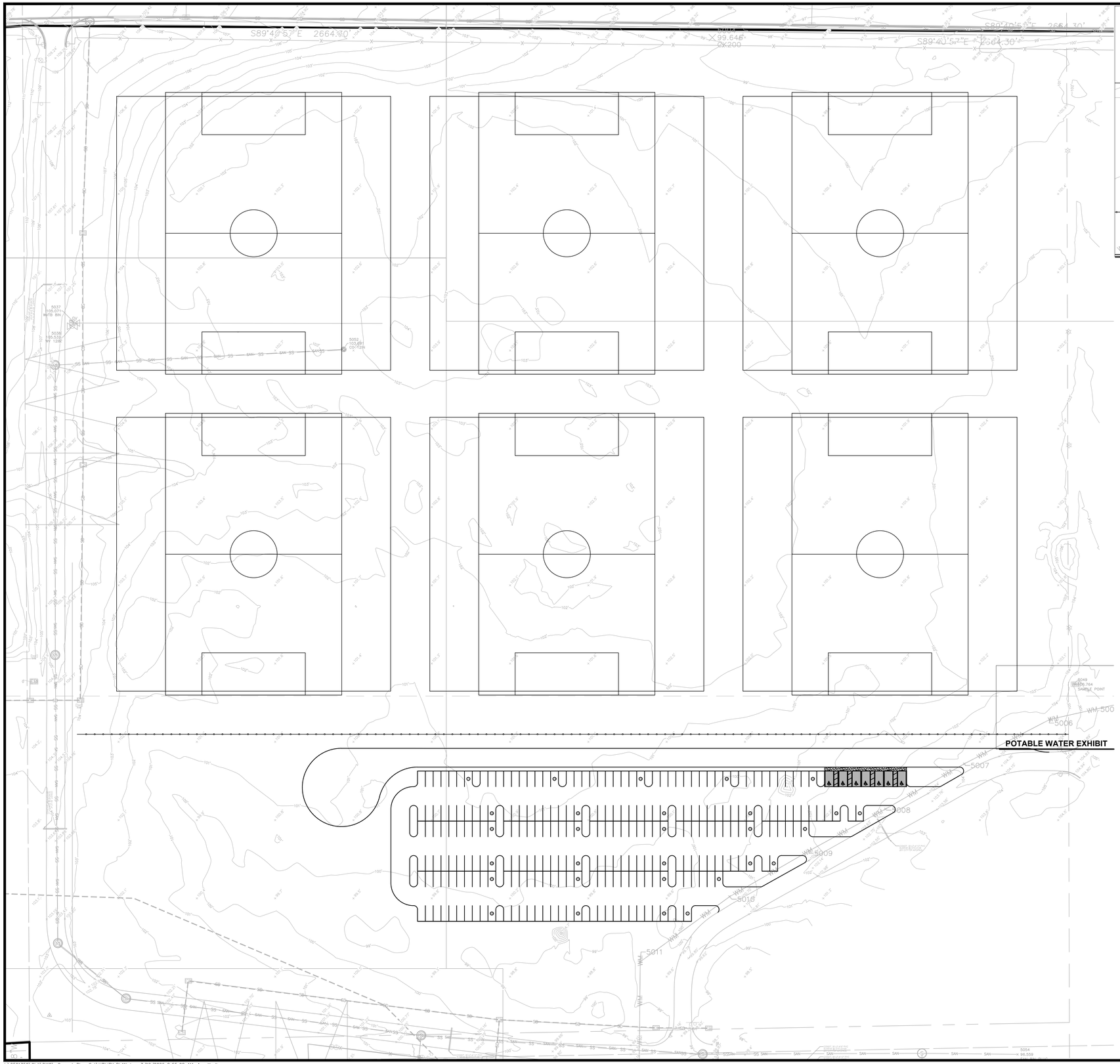
APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION

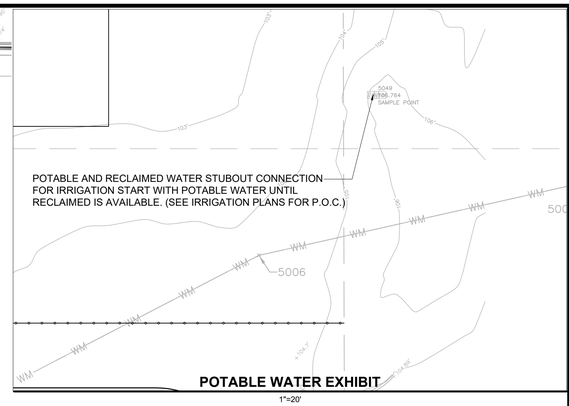
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C3.1

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N

60 0 60 120

Graphic Scale in Feet

LEGEND

- PROPERTY LINE
- S — SANITARY SEWER
- W — WATER MAIN
- C.O. — CLEAN OUT
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER LINE FITTINGS
- GATE VALVE
- REDUCER
- SIDEWALK

NOTE:
ITEMS SHOWN SCREENED REPRESENT EXISTING CONDITIONS. ITEMS SHOWN BOLD REPRESENT PROPOSED CONDITIONS.

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Plans Prepared By:
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JOSHUA D. HUGHES LICENSE No. 95066 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOSHUA D. HUGHES, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 95066
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No.	Date	Revision

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

UTILITY PLAN

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C3.2

J:\2501352\Civil\DWG_Current_Plan_Set\UTILITY PLAN.dwg, 3/12/2026 8:55:08 AM, Asa Yoell,



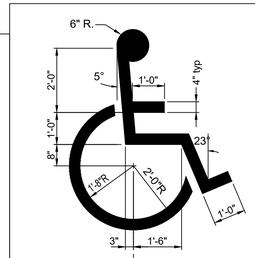
R5-1
30" X 30"
STANDARD RED AND WHITE SIGN

DO NOT ENTER SIGN
N.T.S.



R1-1
30" X 30"

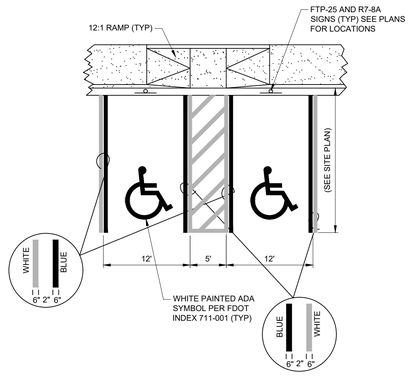
STOP SIGN
N.T.S.



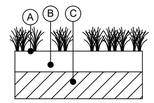
SYMBOL AS SPECIFIED BY LOCAL CODES

℄ of parking space

ACCESSIBLE SYMBOL



ADA STRIPING DETAIL
N.T.S.

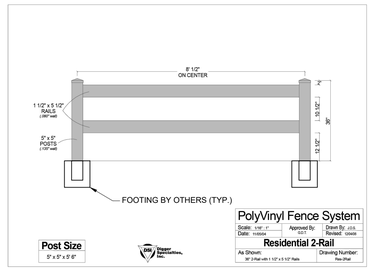


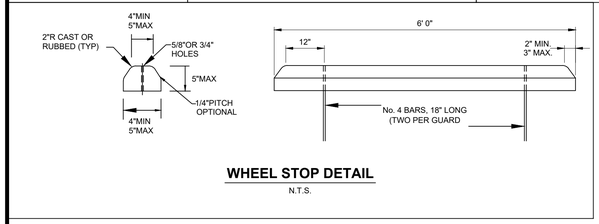
(A) SOD

(B) 10" SUBGRADE COMPACTED TO A MINIMUM OF 98% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR PROCEDURE WITH FIBER REINFORCEMENT "STALOK" OR APPROVED EQUAL. ROTO-TILL INTO TOP 2"-4" PER MANUFACTURER RECOMMENDATIONS.

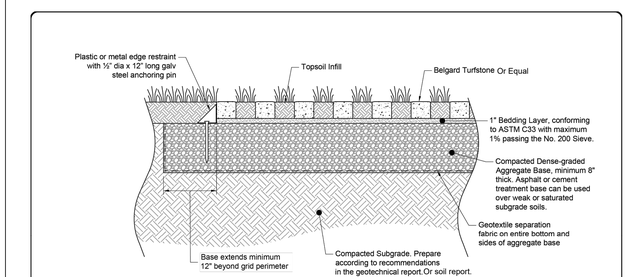
(C) 12" MINIMUM COMPACTED SUB-GRADE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR PROCEDURE AND IN ACCORDANCE WITH SECTION 160 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

Grass Parking Detail
NTS





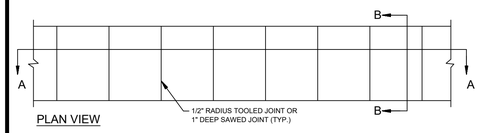
WHEEL STOP DETAIL
N.T.S.



Design Notes:

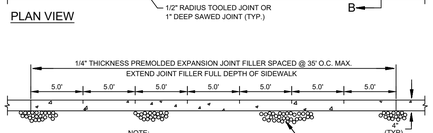
1. Cross section as shown is suitable for light vehicular applications, including parking lots, emergency access or residential driveways.
2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions).
3. An edge restraint for all Turfstone applications is required. Commercial vehicular applications should utilize a 6" wide concrete curb for containment.

BELGARD — belgard.com, 877-235-4273, details@belgard.com	This drawing is for illustrative purposes only and should not be used for construction without the signature of a registered professional engineer.	Belgard Grid Paving Detail Grid Paver (Turfstone) Used in a Vehicular Application	Scale: N.T.S. / Drawn by: PCC Date: 9/15/2020 / Drawing number: GP_01

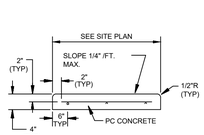


PLAN VIEW

NOTE: PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL FIXED OBJECTS



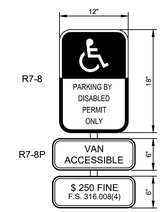
SECTION A-A



SECTION B-B

CONCRETE SIDEWALK
N.T.S.

*NOTE: HEAVY DUTY SIDEWALK SHALL BE 5" THICK.

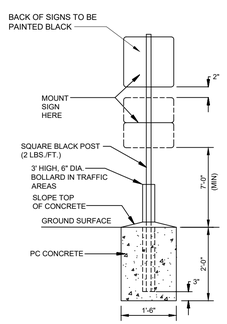


SIGNS USED AS PER FLORIDA STATUTES

FTP 25 PER FS 316.1955, FS 316.1957

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 & BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND & BORDER
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND & BORDER
5. ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
6. INSTALLATION HEIGHT OF LOWEST SIGN SHALL HAVE A MINIMUM OF 7'-0" CLEARANCE TO FINISH GRADE

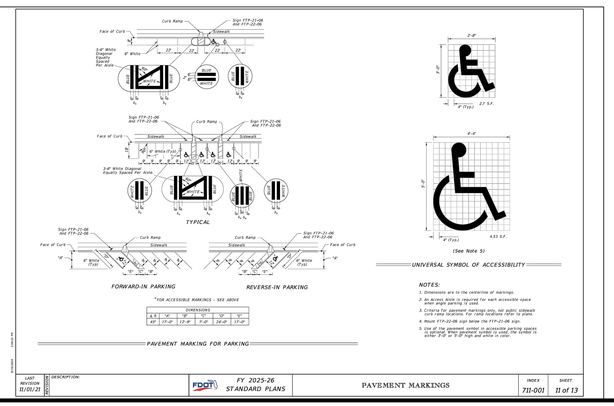
ACCESSIBLE SIGN
N.T.S.



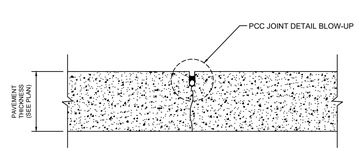
NOTE:

ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

STANDARD SIGN
N.T.S.

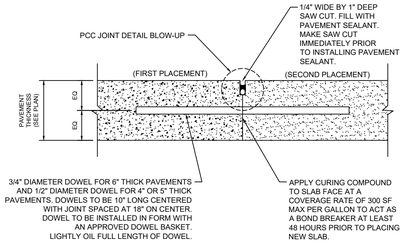


LAST REVISION 11/01/21	#	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001	SHEET 11 of 13

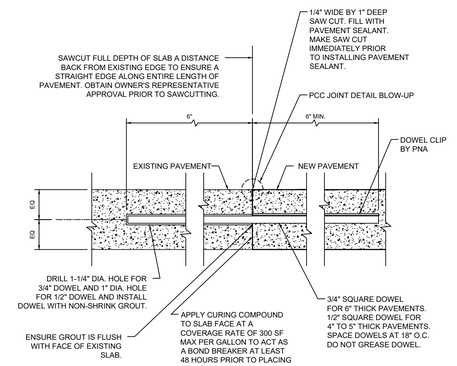


NOTE:
1. SEE PLAN FOR JOINT SPACING.

CONTRACTION JOINT



CONSTRUCTION JOINT



CONSTRUCTION JOINT TO EXISTING PAVEMENT

CONCRETE JOINT DETAILS
N.T.S.



(A) 2.5" FDOT SUPERPAVE -9.5 (S-III)ASPHALT CONCRETE

(B) 4" LIMEROCK BASE COMPACTED TO 98% OF THE MODIFIED PROCTOR (ASTM D-1557, AASHTO T-180) MAX. DENSITY

(C) 12" THICK SUB-BASE COMPACTED TO 98% OF THE MODIFIED PROCTOR (ASTM D-1557, AASHTO T-180) MAX. DENSITY.

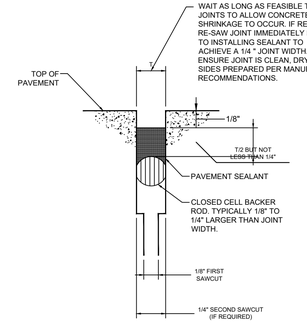
PROPOSED STANDARD DUTY ASPHALT PAVEMENT SECTION



(A) 2.25" FDOT SUPERPAVE -9.5 (S-III)ASPHALT CONCRETE

(B) 4" LIMEROCK BASE COMPACTED TO 98% OF THE MODIFIED PROCTOR (ASTM D-1557, ASASHTO T-180) MAX. DENSITY

EXISTING STANDARD DUTY ASPHALT PAVEMENT SECTION



NOTES:
1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
3. INSTALL BACKER TOD AT CONSISTENT AND UNIFORM DEPTH.
4. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

PCC JOINT DETAIL BLOW-UP (TYP.)

CONCRETE JOINT DETAILS
N.T.S.

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Plans Prepared By:
CPH, LLC
A Full Service A & E Firm

JOSHUA D. HUGHES LICENSE No. 95066 STATE OF FLORIDA PROFESSIONAL ENGINEER

JOSHUA D. HUGHES, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 95066
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA D. HUGHES ON THE DATE INDICATED HERE. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

No.	Revision	Date

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

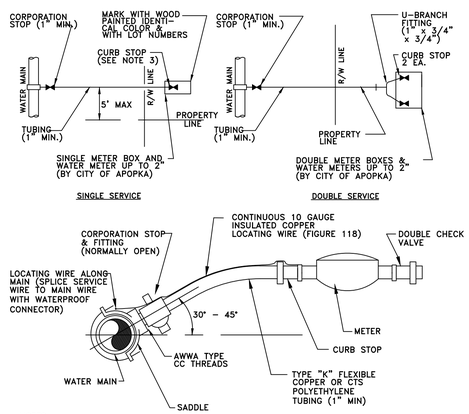
GENERAL DETAILS

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
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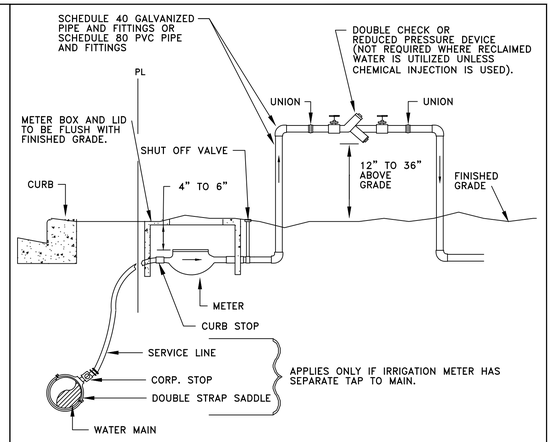


NOTES:

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	JUNE 2012	FIG. 405



NOTES:

1. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED JUST INSIDE THE ROW LINE OR PROPERTY LINE AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREAS.
3. DOUBLE CHECK VALVES MAY BE USED AS LONG AS THEIR ARE NO CHEMICALS OR A WELL ON SITE.
4. A PVB DEVICE SHALL BE 12-INCHES MINIMUM ABOVE HIGHEST OUTLET OR SPRAYHEAD
5. ALL BACKFLOW PREVENTION DEVICES ARE TO BE AWWA APPROVED.

IRRIGATION METER AND DOUBLE CHECK VALVE OR REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF APOPKA DESIGN ENGINEERING DIVISION	JUNE 2012	FIG. 502

cph
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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSHUA D. HUGHES ON THE DATE INDICATED HERE. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

No.	Date	Revision

Designed: J. STOCKHAM
Drawn: A. YOELL
Checked: J. HUGHES
Job No.: 2501352
Date: 06/2025 © 2026

CITY DETAILS

APOPKA NORTHWEST RECREATION CENTER SOCCER FIELDS EXPANSION
APOPKA, ORANGE COUNTY, FL

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C4.1

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