



506 WEST BERCKMAN STREET
FRUITLAND PARK, FL 34731

PHONE: 352 360-6727
FAX: 352 360-6652

Board Members: Al Goldberg, Chairman Daniel Dicus, Vice Chair Carlisle Burch Fred Collins Walter Birriel	Others: Dwayne Williams, Community Development Director Sharon Williams, Assistant to the Director Emily Church, Office Assistant
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AGENDA
PLANNING & ZONING BOARD
FEBRUARY 17, 2022
6:00PM

- I. **INVOCATION AND PLEDGE OF ALLEGIANCE**
- II. **ROLL CALL**
- III. **MINUTES FROM PREVIOUS MEETING:** Approve regular Planning and Zoning Board meeting minutes from December 16, 2021.
- IV. **OLD BUSINESS:** None
- V. **NEW BUSINESS:**

A. 7-Eleven Site Plan & Minor Lot Split (Alternate Key: 2748770 & 1282896)

Major Site Plan and minor lot split applications were submitted by William “Bill” Lloyd of 441 Lake Ella, LLC on behalf of Fruitland Lake Ella, LLC. Parcel is currently zoned General Commercial (C-2) and is located west of US Highway 27/441 & Eagle Nest Road. Subject property is part of a larger tract of land (±5.49 acres). A lot split will be processed simultaneously with the site plan as only a portion of the property will be purchased for development. Due to changes in the original site plan submission (previously approved with conditions; Resolution 2021-045), a new site plan was necessary. The **new** site plan submission includes: (1) drainage changes, (2) retention pond changes, (3) changes to property boundaries sold for development, as well as (4) ingress/egress changes. The proposed plan is to construct a 4,650 SF convenience store (including gas pumps) with associated 980 SF car wash. Permits for FDOT traffic signalization and Lake Ella extension permit, permit for right turn lane from driveway (notice of intent) and drainage permit.

VI. ADJOURNMENT:

BOARD MEMBERS' COMMENTS

PUBLIC COMMENTS:

This section is reserved for members of the public to bring up matters of concern or opportunities for praise. Note: Pursuant to F.S. 286.0114 and the City of Fruitland Park's Public Participation Policy adopted by Resolution 2013-023, members of the public shall be given a reasonable opportunity to be heard on propositions before the Planning and Zoning Board. Pursuant to Resolution 2013-023, public comments are limited to three minutes.

ADJOURNMENT:



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FRUITLAND PARK, FL 34731

PHONE: 352 360-6727
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Board Members: Al Goldberg, Chairman Daniel Dicus, Vice Chair Carlisle Burch Fred Collins Walter Birriel	Others: Dwayne Williams, CDD Michael Rank, LPG Anita Garcia-Carver, City Attorney Sharon Williams, Assistant to the Director Emily Church, Office Assistant
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MEETING NOTES
PLANNING & ZONING BOARD
DECEMBER 16, 2021
6:00PM

- I. **INVOCATION AND PLEDGE OF ALLEGIANCE:** Meeting was called to order at 6:03 p.m. Assistant to the Director, Sharon Williams, led the invocation and pledge of allegiance.
- II. **ROLL CALL:** All members were present.
- III. **MINUTES FROM PREVIOUS MEETING:** Approved regular Planning and Zoning Board meeting minutes from October 21, 2021. Motion made by Board Member Dicus and Seconded by Board Member Collins to approve October's meeting minutes. Approved 5 – 0.
- IV. **OLD BUSINESS:** None
- V. **NEW BUSINESS:**

A. Review of Amended Land Development Regulations (LDRs)

Michael Rankin provided an overview of the thirteen-month long project that has been moving forward with purpose since June/July. Standard redline process of Fruitland Park's LDRs with proposals and revisions based on input from elected officials, the City Manager, and the City Attorney was presented.

City Attorney Anita Garcia-Carver stated the P&Z board could make motion to find that the LDRs, as proposed, were consistent with the comprehensive plan of the City of Fruitland Park and recommend approval to move forward to City Commission.

Motion made by Board Member Collins and Seconded by Board Member Birriel to approve the LDRs as presented. Approved 5 – 0.

B. Other Remaining Topics of Discussion
None discussed.

VI. **ADJOURNMENT:** The meeting was adjourned at 6:10 PM

BOARD MEMBERS' COMMENTS

PUBLIC COMMENTS:

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ADJOURNMENT: 6:10 PM



City of Fruitland Park, Florida
Community Development Department
 506 W. Berckman St., Fruitland Park, Florida 34731
 Tel: (352) 360-6727 Fax: (352) 360-6652
 www.fruitlandpark.org

<i>Sta Use Only</i>	
Case No.:	_____
Fee Paid:	_____
Receipt No.:	_____

Development Application

Contact Information:

Owner Name: Fruitland Lake Ella LLC
 Address: 13362 SW 128 Street, Miami, FL 33186
 Phone: 305-255-3333 Email: _____
 Applicant Name: William Lloyd, 441 Lake Ella LLC
 Address: 147 Second Ave S, Ste 400, St. Petersburg 33701
 Phone: 727-895-2150 Email: _____
 Engineer Name: Jeremy Anderson
 Address: 1209 Edgewater Drive Suite 100, Orlando, FL 32804
 Phone: 407-951-5915 Email: janderson@commonoakengineering.com

Property and Project Information:

PROJECT NAME*: 7-Eleven Fruitland Park
*A project name is required for all submissions. Please choose a name representative of the project for ease of reference.
 Property Address: West of the intersection of US Hwy 441 and Eagles Nest Road
 Parcel Number(s): 33-18-24-0001-000-00400 Section: _____ Township: _____ Range _____
 Area of Property: 2.62 Nearest Intersection: US Hwy 441 & Eagles Nest Road
 Existing Zoning: C-2 Existing Future Land Use Designation: General Commercial
 Proposed Zoning: C-2 Proposed Future Land Use Designation: Mixed Community
 The property is presently used for: Vacant
 The property is proposed to be used for: 4,650 sf 7-Eleven with 7 MPDs and 980 car wash
 Do you currently have City Utilities? Yes

Application Type:

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Annexation | <input type="checkbox"/> Comp Plan Amendment | <input type="checkbox"/> Rezoning | <input type="checkbox"/> Planned Development |
| <input type="checkbox"/> Variance | <input type="checkbox"/> Special Exception Use | <input type="checkbox"/> Conditional Use Permit | <input type="checkbox"/> Final Plat |
| <input type="checkbox"/> Minor Lot Split | <input type="checkbox"/> Preliminary Plan | <input type="checkbox"/> Construction Plan | <input type="checkbox"/> ROW/Plat Vacate |
| <input checked="" type="checkbox"/> Site Plan | <input type="checkbox"/> Minor Site Plan | <input type="checkbox"/> Replat of Subdivision | |

Please describe your request in detail: We are submitting for major site plan review due to the expansion of the property in order to enlarge the stormwater pond and remove the underground stormwater system

Required Data, Documents, Forms & Fees

Attached to this application is a list of **REQUIRED** data, documents and forms for each application type as well as the adopted fee schedule. These items must be included when submitting the application package. Failure to include the supporting data will deem your application package **INCOMPLETE** and will not be processed for review.

Printed Name: William Lloyd

Signature:  Date: 1/3/22

If application is being submitted by any person other than the legal owner(s) of the property, the applicant must have written authorization from the owner to submit application.

Development Application Checklist

The Following are Required for ALL Development Applications:

- Legal Description (Word file req'd) Current Deed Aerial Photo
 Property Appraiser Information Electronic Copy of Application Location Map

Pre-application conferences are strongly encouraged. Submit TWO CDs with ALL documents in pdf; those that are generated as CAD files should be submitted in pdf and dwg formats. . Legal Descriptions should also come with a MS Word file of the legal description. Most maps are accessible through www.lakecountyfl.gov/maps/. Note: All maps are required to depict adjacent properties at a minimum.

Failure to provide adequate maps may delay the application process.

Other Required Analyses and Maps:

Small Scale Comprehensive Plan Amendment Applications:

- Justification for Amendment Environmental Constraints Map Requested FLU Map

Large Scale Comprehensive Plan Amendment Applications:

Maps: Environmental Constraints Soils Requested FLUM Designation Requested Zoning Map Designation

Analyses: Environmental Assessment Utility Availability Analysis Urban Sprawl Analysis School Impact Analysis

Traffic Impact Analysis Consistency with the Comp Plan Florida Master Site File sign-off or Archaeological Survey

Rezoning Applications: Requested Zoning Map Justification for Rezoning

Planned Development Applications:

Maps/Plans: Conceptual Plan as Described in LDRs Chapter 154, Section 154.030,10,G Environmental Constraints

Analyses: Environmental Assessment Traffic Impact Analysis Preliminary Concurrency Analysis

Variance Applications: Justification for Variance

Special Exception Use Applications: Justification for Special Exception Use

Site Sketch List of Special Requirements as Described in LDRs, Chapter 155

Conditional Use Permit Applications: Proposed List of Conditions and Safeguards

Site Plan as Described in LDRs, Chapter 155 Written Statement as Described in LDRs, Chapter 155

Subdivision Applications:

(Preliminary Plan, Improvement Plan and Final Plat)

As Described in LDRs, Chapter 157

Minor Subdivision Applications: As Described in LDRs, Chapter 157

Site Plan Applications: As Described in LDRs, Chapter 160



City of Fruitland Park, Florida
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<i>Sta Use Only</i>	
Case No.:	_____
Fee Paid:	_____
Receipt No.:	_____

Development Application

Contact Information:

Owner Name: Fruitland Lake Ella, LLC
 Address: 13362 SW 128 Street, Miami, FL 33186
 Phone: 305-255-3333 Email: _____

Applicant Name: William Lloyd of 441 Lake Ella, LLC
 Address: 147 Second Ave S Suite 400, St Petersburg 33701
 Phone: 727-895-2150 Email: wcl@rkmddev.com

Engineer Name: Jeremy Anderson
 Address: 1209 Edgewater Drive, Suite 100, Orlando, FL 32804
 Phone: 407-951-5915 Email: janderson@commonoakengineering.com

Property and Project Information:

PROJECT NAME*: 7-Eleven Fruitland Park
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Proposed Zoning: C-2 Proposed Future Land Use Designation: Mixed Community

The property is presently used for: Vacant

The property is proposed to be used for: 4,650 sf 7-Eleven with 7 MPDs and 980 sf car wash

Do you currently have City Utilities? Yes

Application Type:

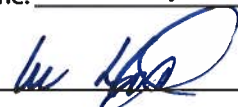
- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Annexation | <input type="checkbox"/> Comp Plan Amendment | <input type="checkbox"/> Rezoning | <input type="checkbox"/> Planned Development |
| <input type="checkbox"/> Variance | <input type="checkbox"/> Special Exception Use | <input type="checkbox"/> Conditional Use Permit | <input type="checkbox"/> Final Plat |
| <input checked="" type="checkbox"/> Minor Lot Split | <input type="checkbox"/> Preliminary Plan | <input type="checkbox"/> Construction Plan | <input type="checkbox"/> ROW/Plat Vacate |
| <input type="checkbox"/> Site Plan | <input type="checkbox"/> Minor Site Plan | <input type="checkbox"/> Replat of Subdivision | |

Please describe your request in detail: _____

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Printed Name: William Lloyd

Signature:  Date: 1/3/22

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Minor Subdivision Applications: As Described in LDRs, Chapter 157

Site Plan Applications: As Described in LDRs, Chapter 160

OWNER'S AFFIDAVIT

STATE OF FLORIDA

COUNTY OF LAKE

Before me the undersigned authority, personally appeared Levy A Wong as managing member of

Fruitland Lake Ella, LLC, who being by me first duly sworn on oath deposes and says:

1) That he/she is the fee-simple owner of the property legally described on attached page of this application.

2) That he/she desires approval to allow Major Site Plan and

Minor Lot Split

3) That he/she has appointed William Lloyd, 441 Lake Ella, LLC to act as agent on his/her behalf to accomplish the above. The owner is required to complete the Applicant's Affidavit of this application if no agent is appointed to act on his/her behalf.

Levy A Wong
Affiant (Owner's Signature)

State of Florida

County of Miami Dade

The Foregoing instrument was acknowledged before me this 7 day of JANUARY, 2022

by Levy Wong who is personally known to me or has produced FL DRIVER LICENSE as identification and who did or did not take an oath

(Notary Seal)

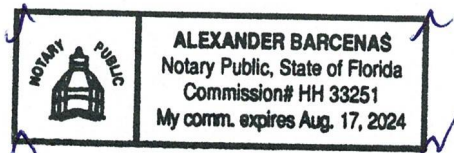
Notary Public - State of Florida

Commission No 4433251

My Commission Expires 8/17/24

Alexander Barcenas
Signature

Alexander Barcenas
Printed Name



APPLICANT AFFIDAVIT

STATE OF FLORIDA

COUNTY OF LAKE

Before me the undersigned authority, personally appeared William Lloyd of 441 Lake Ella, LLC

_____, who being by me first duly sworn on oath deposes and says:

- 1) That he/she affirms and certifies that he/she understandings and will comply with all ordinances, regulations, and provisions of the City of Fruitland Park, Florida, and that all statements and diagrams submitted herewith are true and accurate to the best of his/her knowledge and belief, and further that this application and attachments shall become part of the Official Records of the City of Fruitland Park, Florida, and are not returnable.
- 2) That the submittal requirements for the application have been completed and attached hereto as part of that application.
- 3) That he/she desires Jeremy Anderson, Morgan Hampton and Carol McCorkle of Common Oak Engineering to allow to act as the agent for the major site plan and minor lot split

William Lloyd
Affiant (Applicant's Signature)

State of Florida
County of Pinellas

The Foregoing instrument was acknowledged before me this 3rd day of January, 20 22,
by William C Lloyd who is personally known to me or has produced
_____ as identification and who did or did not take an oath

(Notary Seal)



Notary Public - State of Florida
Commission No _____
My Commission Expires _____

Angela Thompson
Signature

Printed Name

PROPERTY RECORD CARD

General Information

Name:	FRUITLAND LAKE ELLA LLC	Alternate Key:	2748770
Mailing Address:	13362 SW 128TH ST MIAMI, FL 33186 Update Mailing Address	Parcel Number: ⓘ	33-18-24-0001-000-00400
		Millage Group and City:	000F (FRUITLAND PARK)
		2020 Total Certified Millage Rate:	17.6785
		Trash/Recycling/Water/Info:	My Public Services Map ⓘ
Property Location:	US HWY 27/441 FRUITLAND PARK FL 34731 Update Property Location ⓘ	Property Name:	-- Submit Property Name ⓘ
		School Information:	School Locator & Bus Stop Map ⓘ School Boundary Maps ⓘ
Property Description:	THAT PART OF NW 1/4 OF NE 1/4 OF NE 1/4 LYING W OF HWY ORB 2405 PG 24 ORB 3578 PG 2451		
<p><small>NOTE: This property description is a condensed/abbreviated version of the original description as recorded on deeds or other legal instruments in the public records of the Lake County Clerk of Court. It may not include the Public Land Survey System's Section, Township, Range information or the county in which the property is located. It is intended to represent the land boundary only and does not include easements or other interests of record. This description should not be used for purposes of conveying property title. The Property Appraiser assumes no responsibility for the consequences of inappropriate uses or interpretations of the property description.</small></p>			

Land Data

Line	Land Use	Frontage	Depth	Notes	No. Units	Type	Class	Value	Land Value
1	TIMBER S I 70 (5400)	0	0	MGMT	5.49	AC		\$1,922.00	\$71,370.00

[Click here for Zoning Info](#) ⓘ [FEMA Flood Map](#)

Miscellaneous Improvements

There is no improvement information to display.

Sales History

NOTE: This section is not intended to be a complete chain of title. Additional official book/page numbers may be listed in the property description above and/or recorded and indexed with the Clerk of Court. [Follow this link to search all documents by owner's name.](#)

Book/Page	Sale Date	Instrument	Qualified/Unqualified	Vacant/Improved	Sale Price
3578 / 2451	1/30/2008	Judicial	Multi-Parcel	Vacant	\$100.00
2405 / 24	9/3/2003	Warranty Deed	Qualified	Vacant	\$375,000.00

[Click here to search for mortgages, liens, and other legal documents.](#) ⓘ

Values and Estimated Ad Valorem Taxes ⓘ

Values shown below are 2021 WORKING VALUES that are subject to change until certified. The Market Value listed below is not intended to represent the anticipated selling price of the property and should not be relied upon by any individual or entity as a determination of current market value.

Tax Authority	Market Value	Assessed Value	Taxable Value	Millage	Estimated Taxes
LAKE COUNTY BCC GENERAL FUND	\$71,370	\$1,922	\$1,922	5.03270	\$9.67
LAKE COUNTY MSTU AMBULANCE	\$71,370	\$1,922	\$1,922	0.46290	\$0.89
LAKE COUNTY MSTU FIRE	\$71,370	\$1,922	\$1,922	0.47040	\$0.90

PROPERTY RECORD CARD

General Information

Name:	HYATT LINDA G	Alternate Key:	1282896
Mailing Address:	8143 E DEWEY ROBBINS RD HOWEY IN THE HILLS, FL 34737-4591 Update Mailing Address	Parcel Number: ⓘ	28-18-24-0004-000-03001
		Millage Group and City:	000F (FRUITLAND PARK)
		2021 Total Certified Millage Rate:	17.1686
		Trash/Recycling/Water/Info:	My Public Services Map ⓘ
Property Location:	2740 LAKE ELLA RD FRUITLAND PARK FL 34731 Update Property Location ⓘ	Property Name:	RED'S EQUIPMENT Submit Property Name ⓘ
		School Information:	School Locator & Bus Stop Map ⓘ School Boundary Maps ⓘ
Property Description:	S 1/2 OF SE 1/4 OF SE 1/4 W OF RR & S OF CLAY RD ORB 1475 PG 266		
<small>NOTE: This property description is a condensed/abbreviated version of the original description as recorded on deeds or other legal instruments in the public records of the Lake County Clerk of Court. It may not include the Public Land Survey System's Section, Township, Range information or the county in which the property is located. It is intended to represent the land boundary only and does not include easements or other interests of record. This description should not be used for purposes of conveying property title. The Property Appraiser assumes no responsibility for the consequences of inappropriate uses or interpretations of the property description.</small>			

Land Data

Line	Land Use	Frontage	Depth	Notes	No. Units	Type	Class	Value	Land Value
1	SERVICE SHOP (2500)	0	0		3.26	AC	\$0.00	\$146,700.00	

[Click here for Zoning Info](#) ⓘ [FEMA Flood Map](#)

Residential Building(s)

Building 001

Residential	Manufactured Home	Building Value: \$18,036.00						
Summary								
Year Built: 1978		Total Living Area: 1152 ⓘ		Central A/C: No		Attached Garage: No		
Bedrooms: 3		Full Bathrooms: 2		Half Bathrooms: 0		Fireplaces: 0		
Incorrect Bedroom, Bath, or other information? ⓘ								
Section(s)								
Section No.	Section Type	Ext. Wall Type	No. Stories	Floor Area	Finished Attic	Basement	Basement Finished	Map Color
1	FINISHED LIVING AREA (FLA)	Wood (001)	1	1152	N	0%	0%	<input type="checkbox"/>
2	CARPORT MFD (CPM)	No Wall Type (000)	1	390	N	0%	0%	<input type="checkbox"/>
View Larger / Print / Save								

Legal Description

We are proposing to split two lots, Fruitland Lake Ella LLC Alt Key 2748770 and Linda Hyatt Alt Key 1282896, into three lots.

1. The first lot we are creating is for the subject 7-Eleven development. It will be created from the parent tract with Alt Key 2748770. The legal description for the proposed 7-Eleven Site is:

7-ELEVEN SITE – A PORTION OF ALT KEY 2748770

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence S89° 51'42" E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet to the west line of the N/W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said section 33; thence S00°16'00"W, along said west line, a distance of 50.00 feet for a point of beginning; thence S89°51'42"E a distance of 353.22 feet; thence S44°44'13"E a distance of 28.23 feet to the west right-of-way line of U.S. Highway 27/441 as shown on Florida Department of Transportation right-of-way map, F.P. NO. 238395-4, section 10040; thence S02°14'34"W, along said west right-of-way line, a distance of 354.23 feet; thence N89°51'34"W a distance of 285.97' feet; thence N00°16'00"E a distance of 305.00 feet; thence N89°45'01"W a distance of 75.00 feet to said west line of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 33; thence N00°16'00"E, along said west line, a distance of 68.84 feet to the point of beginning.

2. The second lot we are proposing is comprised of two separate parcels with two separate Alt Keys. This second lot is for the proposed Lake Ella Roadway Extension and will be dedicated to Lake County. The legal description for the proposed Lake County Tract is:

LAKE COUNTY TRACT – A PORTION OF ALT KEY 1282896 & 2748770

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18 south, range 24 east, and a portion of the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of section 28, township 18 south, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence S89° 51' 42" E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet to a point on the west line of the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of said section 28 for a point of beginning; thence N00° 08'18" E along said west line a distance of 50.00 feet; thence S89° 51'42" E a distance of 275.50 feet to a non-tangent point on a curve concave northwesterly having a radius of 1892.20 feet, a chord bearing of S15° 08'17"W and a chord distance of 51.76 feet; thence run southwesterly along the arc of said curve through a central angle of 01° 34'03" a distance of 51.77 feet to a point on the north line of the

northwest ¼ of the northeast ¼ of the northeast ¼ of said section 33; thence S89° 51'42"E along said north line a distance of 113.50 feet to the west right of way line of US highway 27/441 as shown on Florida Department of Transportation right of way map, F.P. 238395-4, section 11040; thence S02° 14'34"W along said west right-of-way line a distance of 70.06 feet; thence N44° 44'13"W a distance of 28.23 feet; thence N89° 51'42"W a distance of 353.22 feet to the west line of the NW ¼ of the NE ¼ of the NE ¼ of said section 33; thence N00° 16'00" E along said west line a distance of 50.00 feet to the point of beginning.

3. The third lot is the total Fruitland Lake Ella LLC Alt Key 2748770 minus the proposed Fruitland Lake Ella LLC Tract.

FRUITLAND LAKE ELLA LLC TRACT – A PORTION OF ALT KEY 2748770

A portion of the northwest ¼ of the northeast ¼ of the northeast ¼ of section 33, township 18, south, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north ¼ corner of said section 33; run thence S89° 51'42"E along the north line of the NE ¼ of said section 33, a distance of 1327.14 feet for a point of beginning; thence continue S89° 51'42" E along the north line of the northwest ¼ of the northeast ¼ of the northeast ¼ of said section 33 a distance of 375.60 feet to the west right-of-way line of US Highway 27/441 as shown on Florida Department of Transportation right of way map F.P. No. 238395-4, section 11040; thence S02° 14'34"W along said west right-of-way line a distance of 424.28 feet; thence N89° 51'34"W a distance of 285.97 feet; thence N00° 16'00"E a distance of 305.00 feet; thence N89° 45'01"W a distance of 75.00 feet to the west line of the NW ¼ of the NE ¼ of the NE ¼ of the NE ¼ of said section 33; thence N00° 16'00" E along said west line a distance of 118.84 feet to the point of beginning.

PROJECT DIRECTORY

OWNER: FRUITLAND LAKE ELLA, LLC
LEVY A. WONG
13362 SW 128 STREET
MIAMI, FL. 33186
PHONE: (305) 255-3333

DEVELOPER: R.K.M. DEVELOPMENT CORP.
147 SECOND AVENUE, S. SUITE 400
ST. PETERSBURG, FL. 33701
PHONE: (727) 895-2150
FAX: (727) 821-5461

CIVIL ENGINEER / AGENT: COMMON OAK ENGINEERING, LLC
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL. 32804
PHONE: (407) 951-5915

GEOTECH ENGINEER: ATC GROUP SERVICES LLC
5602 THOMPSON CENTER COURT, SUITE 405
TAMPA, FL. 33634
PHONE: (813) 889-8960

SURVEYOR: ALTAMAX SURVEYING
910 BELLE AVENUE, SUITE 1100
CASSELBERRY, FL. 32708
PHONE: (407) 677-0200

ARCHITECT: INTERPLAN LLC
220 E. CENTRAL PKWY, SUITE 4000
ALTAMONTE SPRINGS, FL 32701
PHONE: (407) 645-5008

CONCURRENCY NOTE: 7-11 SITE CONTRACTOR TO COORDINATE THE WORK SHOWN IN THESE PLANS WITH THE CONTRACTORS PERFORMING ANY ROADWORK ON US HWY 27 IF BOTH PROJECTS ARE UNDER CONSTRUCTION AT THE SAME TIME

UTILITY PROVIDERS

WATER: CITY OF FRUITLAND PARK
506 W. BERCKMAN STREET
FRUITLAND PARK, FL 34731
PHONE: 352-360-6727 (OPTION 1)

ELECTRIC: CITY OF LEESBURG,
LEESBURG ELECTRIC DEPARTMENT
PHONE: 352-728-9830
WEBSITE: [HTTPS://WWW.LEESBURGFLORIDA.GOV/
GOVERNMENT/DEPARTMENTS/ELECTRIC/
NEW_CONSTRUCTION_UPGRADES.PHP](https://www.leesburgflorida.gov/government/departments/electric/new_construction_upgrades.php)

SEWER: CITY OF FRUITLAND PARK
506 W. BERCKMAN STREET
FRUITLAND PARK, FL 34731
PHONE: 352-360-6727 (OPTION 1)

COMMUNICATIONS: COMCAST
PHONE: 352-787-7875

GAS: CITY OF LEESBURG NATURAL GAS DEPARTMENT
PHONE: 352-728-9800
WEBSITE: [HTTP://WWW.LEESBURGFLORIDA.GOV/
GOVERNMENT/DEPARTMENTS/GAS/INDEX.PHP](http://www.leesburgflorida.gov/government/departments/gas/index.php)

CONSTRUCTION DRAWINGS

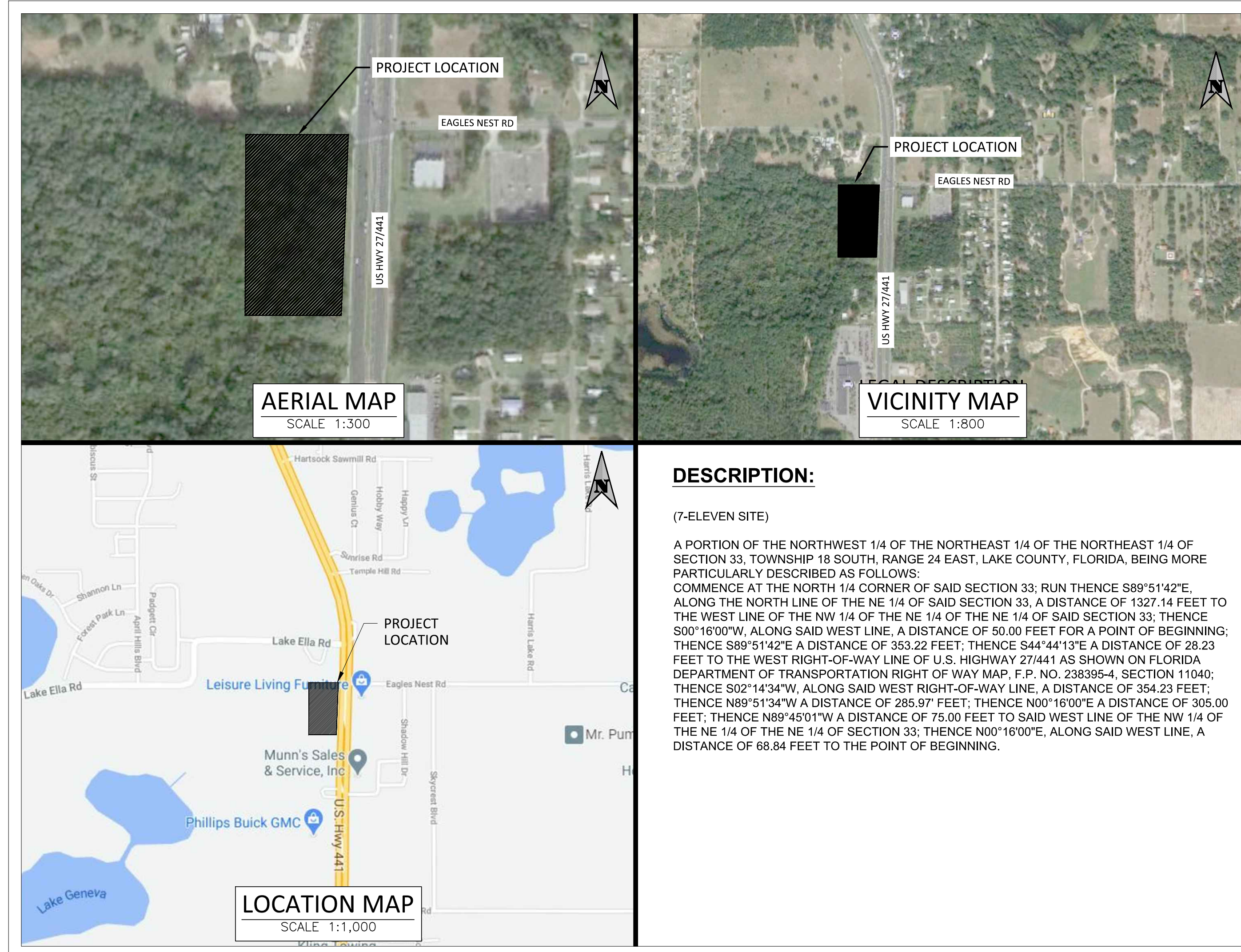
FOR 7-ELEVEN

AT

WEST OF THE INTERSECTION OF US HWY 441 & EAGLES NEST RD.

FRUITLAND PARK, FL 34731

PARCEL #: 33-18-24-0001-000-00400



DESCRIPTION:

(7-ELEVEN SITE)

A PORTION OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 33, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE NORTH 1/4 CORNER OF SAID SECTION 33; RUN THENCE S89°51'42"E, ALONG THE NORTH LINE OF THE NE 1/4 OF SAID SECTION 33, A DISTANCE OF 1327.14 FEET TO THE WEST LINE OF THE NW 1/4 OF THE NE 1/4 OF SAID SECTION 33; THENCE S00°16'00"W, ALONG SAID WEST LINE, A DISTANCE OF 50.00 FEET FOR A POINT OF BEGINNING; THENCE S89°51'42"E A DISTANCE OF 353.22 FEET; THENCE S44°44'13"E A DISTANCE OF 28.23 FEET TO THE WEST RIGHT-OF-WAY LINE OF U.S. HIGHWAY 27/441 AS SHOWN ON FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, F.P. NO. 238395-4, SECTION 11040; THENCE S02°14'34"W, ALONG SAID WEST RIGHT-OF-WAY LINE, A DISTANCE OF 354.23 FEET; THENCE N89°51'34"W A DISTANCE OF 285.97 FEET; THENCE N00°16'00"E A DISTANCE OF 305.00 FEET; THENCE N89°45'01"W A DISTANCE OF 75.00 FEET TO SAID WEST LINE OF THE NW 1/4 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 33; THENCE N00°16'00"E, ALONG SAID WEST LINE, A DISTANCE OF 68.84 FEET TO THE POINT OF BEGINNING.

GENERAL REVISION LOG

NO.	DATE:	REVISION/ISSUE:	SHEETS REVISED	BY:
2	06/30/21	FDOT COMMENTS	C4.0, C5.0	JE
3	06/30/21	CITY OF FRUITLAND PARK RAI #1	C5.0, C7.0, C7.2, D3.0, D3.1, D3.2, D3.3	JE
4	07/14/21	SJRWM COMMENTS	C5.0, D2.1, D2.3	RWB
5	08/17/21	CITY OF FRUITLAND PARK COMMENTS	C6.0	RWB
6	08/18/21	FDOT LAKE ELLA RD COMMENTS	C4.0, C5.0, C6.0, C6.1	RWB
7	09/21/21	FDOT ACCESS COMMENTS	C4.0	IMW
8	09/17/21	SJRWM COMMENTS	C2.2, C5.0, D2.1, D2.3, D2.8, D2.9, D2.10	RWB
9	10/14/21	FDOT COMMENTS	C4.0	JR
10	10/13/21	CITY OF FRUITLAND PARK COMMENTS	C6.0, C6.1, D2.4	RWB
11	10/29/21	SJRWM COMMENTS	C5.0, D2.3, D2.10	RWB
12	11/09/21	FDOT COMMENTS	C4.0	RWB
13	12/07/21	FDOT COMMENTS	C4.0, 4.1, 4.2, 5.0, 6.0, 6.1 D2.3, D2.0, 2.1, 2.3, 3.4	RWB
14	12/08/21	OWNER REVISION	C4.0, 4.1, 4.2, 5.0, 6.0, 6.1 D2.3, D2.0, 2.1, 2.3, 3.4	RWB
15	01/13/22	SJRWM COMMENTS	D2.4	RWB
16	01/21/22	CITY OF FRUITLAND PARK COMMENTS	C3.0, C4.0, C4.1, C4.2, C5.0, C7.1, C7.2	RWB

PLAN SHEET INDEX

C1.0	COVER SHEET	D1.2	DETAILS (FDOT)
C2.0	GENERAL NOTES	D1.3	DETAILS (FDOT)
C2.1	GENERAL NOTES	D1.4	DETAILS (FDOT)
C2.2	GENERAL NOTES	D1.5	DETAILS (FDOT)
C3.0	DEMO PLAN	D1.6	DETAILS (FDOT)
C4.0	SITE PLAN	D1.7	DETAILS (MOT)
C4.1	VEHICLE ROUTING PLAN	D2.0	DETAILS (GRADING)
C4.2	VEHICLE ROUTING PLAN	D2.1	DETAILS (GRADING)
C5.0	GRADING PLAN	D2.2	DETAILS (PROFILES)
C6.0	UTILITY PLAN	D2.3	DETAILS (FDOT PROFILES)
C6.1	UTILITY PLAN	D2.4	DETAILS (FDOT PROFILES)
C7.0	LANDSCAPE PLAN	D2.5	NOT USED
C7.1	IRRIGATION PLAN	D2.6	DETAILS (TYPICAL SECTION)
C7.2	TREE REMOVAL PLAN	D2.7	DETAILS (PROFILES)
C8.0	PHOTOMETRIC PLAN	D3.0	DETAILS (UTILITY)
C8.1	PHOTOMETRIC DETAILS	D3.1	DETAILS (UTILITY)
C9.0	EROSION CONTROL PLAN	D3.2	DETAILS (UTILITY)
C9.1	EROSION CONTROL DETAILS	D3.3	DETAILS (LIFT STATION)
D1.0	DETAILS (SITE)	D3.4	DETAILS (PROFILES)
D1.1	DETAILS (SITE)		SURVEY (5 SHEETS)

LEGEND:

⊕	NO. OF PARKING SPACES
# / C.X.X	DETAIL NO. / SHEET
▬	HEAVY DUTY ASPHALT PAVEMENT
▬	PROPOSED CONCRETE SURFACE
W	WATER LINE
— UGE —	ELECTRIC LINE
— SS —	WASTEWATER LINE
— BFM —	BURIED FORCE MAIN
— UGT —	TELEPHONE LINE
⊙	FIRE HYDRANT
⊕	VALVE
M	WATER METER
⊕	BACKFLOW PREVENTER WITH CONCRETE PAD
75.40	SPOT ELEVATION (TO TOP OF PAVEMENT UNLESS SPECIFIED OTHERWISE)
→	FLOW ARROW
⊕	REVISION NUMBER
⊕ (FDC)	FIRE DEPARTMENT CONNECTION

Jeremy R. Anderson, State of Florida, Professional Engineer, License No. 71636

This item has been digitally signed and sealed by Jeremy R. Anderson on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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ST. PETERSBURG, FL. 33701
PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL. 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE:	REVISION/ISSUE:	BY:
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS	RWB
2	08/17/21	CITY OF FRUITLAND PARK COMMENTS	JE
3	08/30/21	CITY OF FRUITLAND PARK RAI #1	JE

ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT #

221.056

DATE

01/28/2022

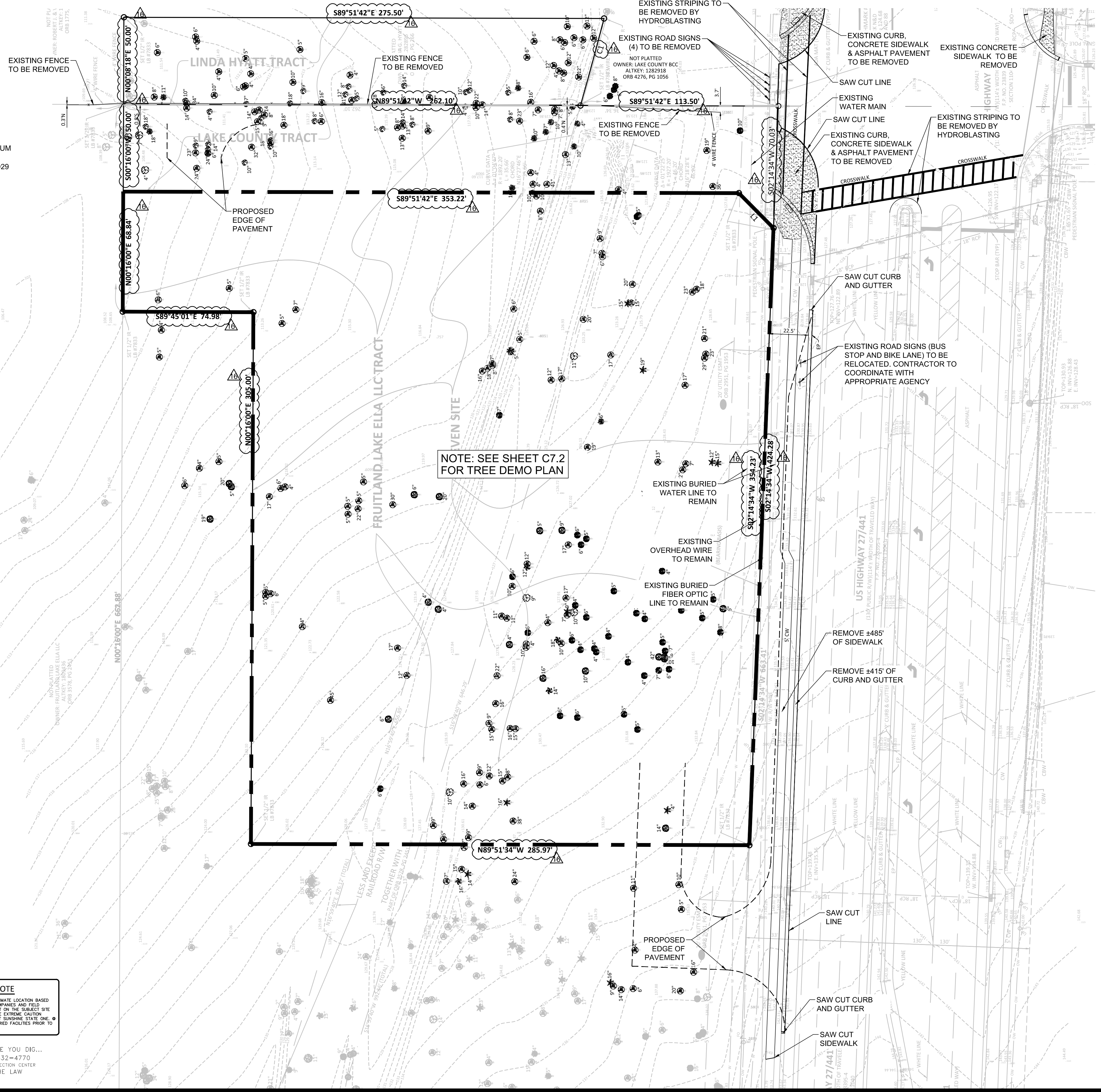
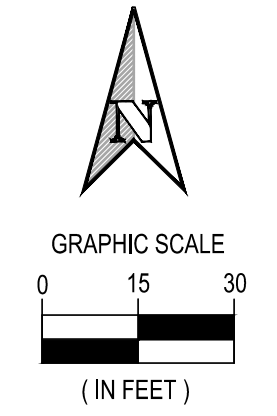
SHEET

C1.0

SCALE

N.T.S.

COVER SHEET



BURIED UTILITIES NOTE
 BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD SURVEY. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT BURNING, STATE ONE, 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.
 CALL BEFORE YOU DIG...
 1-800-432-4770
 UTILITIES PROTECTION CENTER
 IT'S THE LAW

NOTICE TO GENERAL CONTRACTORS:
 CONTRACTOR TO REFER/COORDINATE THE WORK SHOWN HEREON WITH THE WORK SHOWN ON THE REMAINDER OF THESE CONSTRUCTION DOCUMENTS. IF ANY DISCREPANCIES BETWEEN THE WORK SHOWN ON THIS AND OTHER PAGES IS FOUND, O IF THE CONTRACTOR HAS ANY QUESTIONS OF ANY KIND, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING PRIOR TO THE PERFORMANCE OF ANY WORK.

NOTE: THE PAGES TITLED "GENERAL NOTES", AS LISTED ON THE COVER PAGE OF THIS SET OF CONSTRUCTION DOCUMENTS, SHALL APPLY TO ALL SHEETS HEREIN. THE GENERAL CONTRACTOR SHALL PROVIDE A COPY OF THE "GENERAL NOTES" SHEETS TO ALL BIDDERS AND SUBCONTRACTORS.

NOTE: CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL A MAINTENANCE OF TRAFFIC PLAN SPECIFIC TO THE WORK TO BE PERFORMED ON THIS PROJECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

NOTE: CONTRACTOR SHALL COORDINATE REMOVAL/RELOCATION OF EXISTING UTILITIES WITH APPROPRIATE UTILITY PROVIDER (TYP.)

NOTE: NO CONSTRUCTION ACTIVITY, EVEN A TEMPORARY ACCESS, IS ALLOWED USING THE STATE ROAD, UNLESS A FDOT TEMPORARY ACCESS PERMIT IS APPLIED FOR AND APPROVED. THE LOCAL GOVERNMENT APPROVAL IS NOT AUTHORITY TO START WORK ON, OR TO ACCESS THE PROPERTY VIA THE STATE ROAD.

NOTE: CONTRACTOR SHALL COMPLY WITH OSHA'S STANDARDS 29 CFR PART 1926, SUBPART CC FOR VERTICAL AND HORIZONTAL CLEARANCES TO THE OVERHEAD DISTRIBUTION AND TRANSMISSION POWER LINES.

NOTE: ALL DISTURBED AREAS IN FDOT RIGHT-OF-WAY SHALL BE SODDED.

NOTE: CONTRACTOR SHALL NOT INTERRUPT SERVICE TO ADJACENT PROPERTIES WHILE PERFORMING UTILITY CONNECTIONS. IF SERVICE INTERRUPTIONS MUST OCCUR A MINIMUM OF 48 HOURS NOTICE SHALL BE PROVIDED TO AFFECTED PERSONS AND/OR BUSINESSES.

NOTE: THE STORMWATER REPORT STATES THAT CONSTRUCTION DEBRIS MUST BE REMOVED FROM THE SITE AND OVER EXCAVATION DONE, BUT THIS IS NOT SHOWN IN THE PLANS. REFER TO THE GEOTECHNICAL REPORT.

NOTE:
 LARGE AMOUNTS OF CONSTRUCTION DEBRIS CONSISTING OF ASPHALT AND LIMESTONE BALLAST WERE FOUND IN LOCALIZED AREAS THROUGHOUT THE SITE AND ARE LIKELY ASSOCIATED WITH THE ABANDONED RAILWAY. OVER-EXCAVATION AND PROOF ROLLING WILL BE REQUIRED BECAUSE OF THE PRESENCE OF CONSTRUCTION DEBRIS THROUGHOUT THE SITE. WE RECOMMEND THAT UNDER THE FOOTPRINT OF THE BUILDING AND CARWASH, APPROXIMATELY TWO TO THREE FEET OF SOIL BE REMOVED AND THE EXPOSED SUBGRADE SOIL BE COMPACTED AND PROOF ROLLED AS PER THE GEOTECHNICAL REPORT. ANY BURIED DEBRIS OR ORGANIC MATERIAL DETECTED DURING THE PROOF ROLLING OR DURING OTHER CONSTRUCTION ACTIVITIES SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL (MATERIAL PLACED UNDER STRUCTURES) WHICH SHOULD CONSIST OF GRANULAR MATERIAL, ACCEPTABLE TO THE GEOTECHNICAL ENGINEER, FREE OF ORGANIC, DEBRIS AND OTHER UNSUITABLE MATERIAL.



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 ST. PETERSBURG, FL 33701
 PHONE: (800) 966-7563



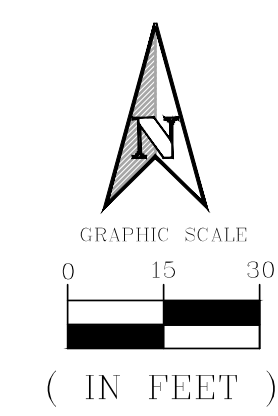
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 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY:	REV:
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS	ALB	ALB
2	09/21/21	FOOT ACCESS COMMENTS	ALB	ALB
7	01/21/22	CITY OF FRUITLAND PARK COMMENTS	ALB	ALB
16				

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **C3.0**
 1:30
DEMO PLAN



1 inch = 30 ft.
ELEVATIONS BASED ON NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915' = NGVD29

LEGEND

- CONCRETE
- HEAVY DUTY ASPHALT PAVEMENT
- FDOT SPECIFICATION HEAVY DUTY ASPHALT PAVEMENT DETAIL: 4 / D1.1

C1 CURVE DATA
L = 51.77'
R = 1892.20'
Δ = 1°34'03"
CHORD
S15°08'17"W
51.76'

LINE	BEARING	DISTANCE
LT	N44°46'11"W	28.22'

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD CHECKING. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE AND ARE NOT SHOWN ON THIS DRAWING. THE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT SUNDING STATE ONE, 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.



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UTILITIES PROTECTION CENTER
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SITE DATA TABLE

LOCATION AND LAND USE

TAX PARCEL #: 33-18-24-0001-000-00400
ZONING DISTRICT: (PUD) PLAN UNIT DEVELOPMENT
FUTURE LAND USE: (MC) MIXED COMMUNITY
ADJACENT ZONING:
FRONT (EAST): (C-2) GENERAL COMMERCIAL
REAR (WEST): (PUD) PLAN UNIT DEVELOPMENT
SIDE (NORTH): (C-2) GENERAL COMMERCIAL
SIDE (SOUTH): (PUD) PLAN UNIT DEVELOPMENT

AREAS

PROPERTY	PROPOSED	ACRES	PERCENT
TOTAL LOT AREA (ACRES):	±114,326 SF	22.62 AC	100.00%
TOTAL IMPERVIOUS AREA:	±59,953 SF	±1.24 AC	47.19%
BUILDING AREA:	±4,650 SF	±0.11 AC	4.07%
CAR WASH AREA:	±980 SF	±0.02 AC	0.86%
PAVEMENT, LOADING AND SIDEWALKS:	±53,953 SF	±1.24 AC	47.19%
TOTAL PERVIOUS AREA	±54,743 SF	±1.26 AC	46.59%

RIGHT OF WAY

PROPERTY	PROPOSED	ACRES	PERCENT
TOTAL LOT AREA :	±132,119 SF	±0.74 AC	100.00%
TOTAL IMPERVIOUS AREA:	±16,256 SF	±0.37 AC	50.61%
PAVEMENT, LOADING AND SIDEWALKS:	±16,256 SF	±0.37 AC	50.61%
TOTAL PERVIOUS AREA	±15,863 SF	±0.36 AC	49.39%

SETBACKS AND BUFFERS

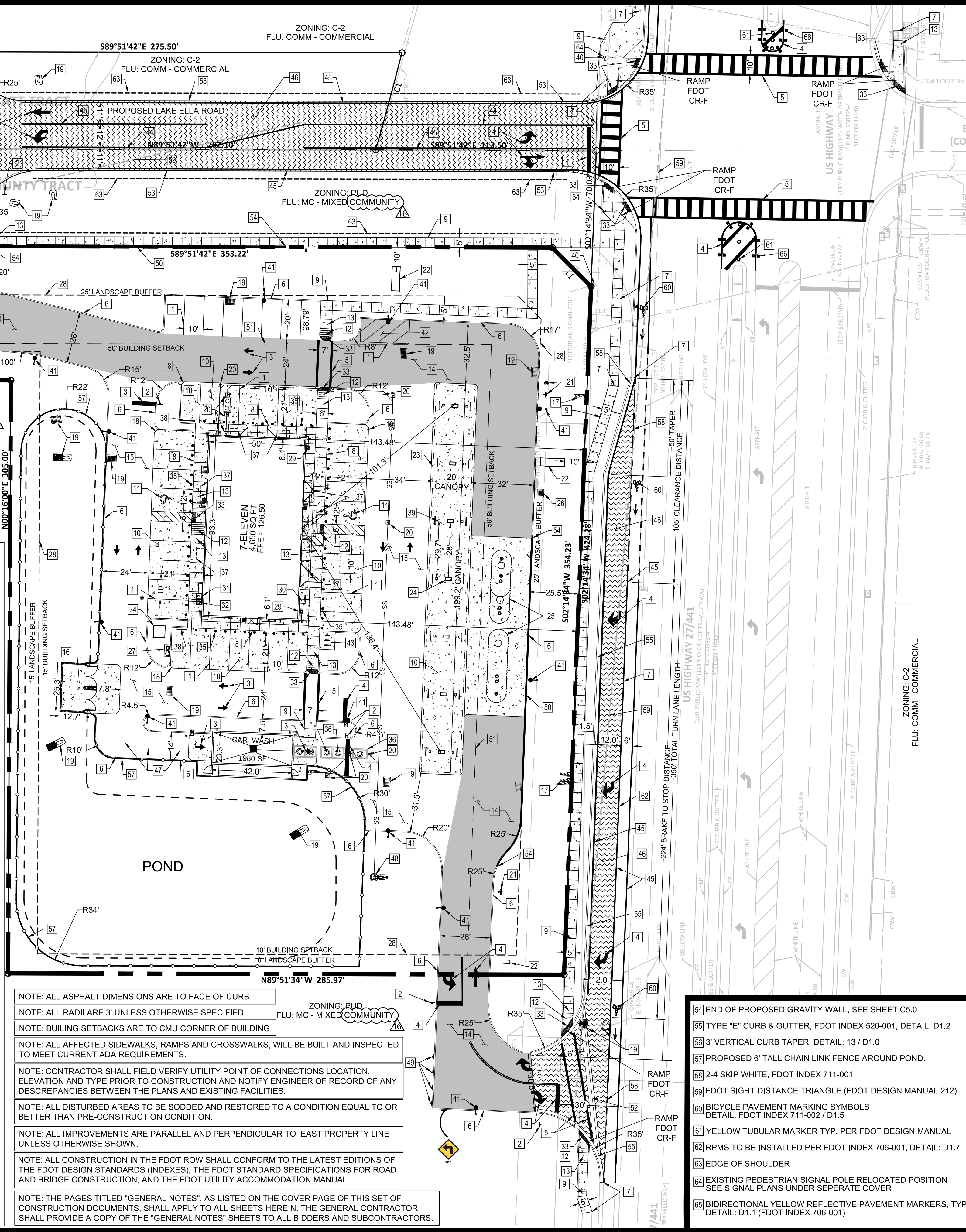
PROPOSED BUILDING SETBACKS	REQUIRED/PERMITTED	PROPOSED
FRONT (NORTH):	50' (MIN)	38.3' (FROM PROPERTY LINE)
SIDE (SOUTH):	10' (MIN)	136.4' (FROM PROPERTY LINE)
FRONT (EAST):	50' (MIN)	143.5' (FROM PROPERTY LINE)
REAR (WEST):	15' (MIN)	97.8' (FROM PROPERTY LINE)

PARKING

PARKING CALCULATIONS:
PARKING REQUIRED:
CONVENIENCE STORE WITH OR WITH OUT GAS PUMPS: 1 SPACE / 200 SQUARE FEET
4650 / 200 = 23.3
TOTAL = 24 SPACES
PARKING PROVIDED:
PROPOSED PARKING SPACES = 39 SPACES
PROPOSED HANDICAP SPACES = 2 SPACES
TOTAL = 41 SPACES

GENERAL INFORMATION

NUMBER OF EMPLOYEES: 2
FEMA: FLOOD ZONE X
FIRM PANEL #: 12069C0170E, COMMUNITY #120421
DATED 12/18/12, LAKE COUNTY, FL.



NOTE: ALL ASPHALT DIMENSIONS ARE TO FACE OF CURB
NOTE: ALL RADII ARE 3' UNLESS OTHERWISE SPECIFIED.
NOTE: BUILDING SETBACKS ARE TO CMU CORNER OF BUILDING
NOTE: ALL AFFECTED SIDEWALKS, RAMPS AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
NOTE: CONTRACTOR SHALL FIELD VERIFY UTILITY POINT OF CONNECTIONS LOCATION, ELEVATION AND TYPE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING FACILITIES.
NOTE: ALL DISTURBED AREAS TO BE SODED AND RESTORED TO A CONDITION EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITION.
NOTE: ALL IMPROVEMENTS ARE PARALLEL AND PERPENDICULAR TO EAST PROPERTY LINE UNLESS OTHERWISE SHOWN.
NOTE: ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.
NOTE: THE PAGES TITLED "GENERAL NOTES", AS LISTED ON THE COVER PAGE OF THIS SET OF CONSTRUCTION DOCUMENTS, SHALL APPLY TO ALL SHEETS HEREIN. THE GENERAL CONTRACTOR SHALL PROVIDE A COPY OF THE "GENERAL NOTES" SHEETS TO ALL BIDDERS AND SUBCONTRACTORS.

- 44 END OF PROPOSED GRAVITY WALL, SEE SHEET C5.0
- 55 TYPE "E" CURB & GUTTER, FDOT INDEX 520-001, DETAIL: D1.2
- 56 3' VERTICAL CURB TAPER, DETAIL: 13 / D1.0
- 57 PROPOSED 6" TALL CHAIN LINK FENCE AROUND POND.
- 58 2-4 SKIP WHITE, FDOT INDEX 711-001
- 59 FDOT SIGHT DISTANCE TRIANGLE (FDOT DESIGN MANUAL 212)
- 60 BICYCLE PAVEMENT MARKING SYMBOLS DETAIL: FDOT INDEX 711-002 / D1.5
- 61 YELLOW TUBULAR MARKER TYP. PER FDOT DESIGN MANUAL
- 62 RPMS TO BE INSTALLED PER FDOT INDEX 706-001, DETAIL: D1.7
- 63 EDGE OF SHOULDER
- 64 EXISTING PEDESTRIAN SIGNAL POLE RELOCATED POSITION SEE SIGNAL PLANS UNDER SEPERATE COVER
- 65 BIDIRECTIONAL YELLOW REFLECTIVE PAVEMENT MARKERS, TYP. DETAIL: D1.1 (FDOT INDEX 706-001)

SITE PLAN NOTES

- 1 6" WHITE THERMOPLASTIC STRIPING
- 2 STOP SIGN & POST - DETAIL: 1 / D1.0
- 3 TYPICAL THERMOPLASTIC PAVEMENT MARKINGS ONSITE TRAFFIC ARROW - DETAIL: 9 / D1.0
- 4 TYPICAL THERMOPLASTIC PAVEMENT MARKING- DETAIL: FDOT INDEX 711-001 / D1.4
- 5 CROSSWALK - DETAIL: D1.6 (FDOT INDEX 711-001) NOT TO EXCEED 2% CROSS SLOPE OR 5% LONGITUDINAL SLOPE.
- 6 TYPE D CURB (TYP.) - DETAIL: FDOT INDEX 520-001 / D1.2
- 7 PROPOSED CURB/SIDEWALK/PAVEMENT TO TRANSITION SMOOTHLY TO EXISTING ADJACENT SURFACE - CONTRACTOR TO VERIFY CONNECTION, LOCATION AND ELEVATION OF EXISTING ADJACENT SURFACE.
- 8 MONOLITHIC CURB & SIDEWALK (TYP.) - DETAIL: 5 / D1.0
- 9 CONCRETE SIDEWALK (TYP.) - DETAIL: D1.2 (FDOT INDEX 522-001)
- 10 CONCRETE PAVEMENT (TYP.) - DETAIL: 3 / D1.0
- 11 HANDICAP ACCESSIBLE PARKING, SIGNAGE & MARKINGS DETAIL: 11 & 12 / D1.0 (FDOT INDEX 711-001 & 700-102)
- 12 HANDICAP ACCESSIBLE RAMP TYPE CR-F (WITH RED DETECTABLE WARNING) DETAIL: 4 / D1.0, D1.3 (RAMPS) (FDOT INDEX 522-002) & 11 / D1.0 (FDOT INDEX 711-001)
- 13 5' X 5' LANDING (MIN)
- 14 HEAVY DUTY ASPHALT PAVEMENT (TYP.) DETAIL: 10 / D1.0
- 15 STANDARD DUTY ASPHALT PAVEMENT (TYP.) DETAIL: 10 / D1.0
- 16 DUMPSTER APRON & ENCLOSURE - DETAIL: 6 / D1.0 & DETAIL: 1 / D1.1
- 17 WATER CONNECTION/RPZ/VALVE - SEE SHEET C6.0 UTILITY PLAN
- 18 CONCRETE CHAMFER (TYP.) - DETAIL: 3 / D1.1
- 19 STORM DRAINAGE STRUCTURE (TYP.) - SEE SHEET C5.0 GRADING PLAN
- 20 SANITARY SEWER CLEANOUT (TYP.) - SEE SHEET C6.0 UTILITY PLAN
- 21 PROPOSED FIRE HYDRANT / FDC
- 22 PROPOSED SIGNAGE
- 23 FUELING STATIONS CANOPY (DASHED LINE)
- 24 FUELING STATION (TYP)
- 25 UNDERGROUND FUEL STORAGE TANKS (2 X 20,000 GALLON CAPACITY)
- 26 FUELING VENT PIPES
- 27 AIR COMPRESSOR AND WATER STATION
- 28 LANDSCAPE SETBACK LINE (TYP.)
- 29 TRASH RECEPTACLE (2 PLACES)
- 30 ICE MACHINES
- 31 COMPRESSED NITROGEN STORAGE CAGE
- 32 COMPRESSED CO2 STORAGE CAGE
- 33 DETECTABLE WARNING (FDOT INDEX 522-002), DETAIL 4 / D1.0
- 34 GROUND MOUNTED TRANSFORMER
- 35 6" PIPE BOLLARD WITH PLASTIC COVER (TYP.), DETAIL: 2 / D1.0
- 36 CAR WASH WATER SYSTEM ACCESS COVER
- 37 AWWING (SEE ARCHITECTURAL PLANS)
- 38 WHEELSTOP (TYP.) - DETAIL: D1.2 (FDOT INDEX 520-001)
- 39 HOSE BIB
- 40 CONTRACTOR TO RETROFIT ADDITIONAL SIGNAL BANNER AND CROSSWALK SIGNAL TO EXISTING PEDESTRIAN SIGNAL POLE
- 41 SITE LIGHTING POLES (TYP.) - SEE PHOTOMETRIC PLANS
- 42 12' x 25' LOADING ZONE
- 43 BIKE RACK, (3) PROPOSED INVERTED U, DETAIL: 2 / D1.1
- 44 6" YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - DETAIL: FDOT INDEX 711-001 / D1.6
- 45 6" WHITE THERMOPLASTIC PAVEMENT MARKING LINE - DETAIL: FDOT INDEX 711-001 / D1.4
- 46 FDOT SPECIFICATION ASPHALT PAVEMENT DETAIL: 4 / D1.1
- 47 PROPOSED CAR STACKING AT CARWASH ENTRANCE
- 48 PRIVATE LIFT STATION. DETAIL: D3.2
- 49 STREET TERMINATION SIGNAGE, DETAIL: FDOT INDEX 700-109 / D1.6
- 50 ±325.51 LF (TOTAL) OF PROPOSED GRAVITY WALL, DETAIL: FDOT INDEX 400-011 / D1.6
- 51 BUILDING SETBACK (TYP.)
- 52 VALLEY GUTTER, DETAIL: FDOT INDEX 520-001, DETAIL: D1.2
- 53 EDGE OF PAVEMENT (TYP.)



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NO.	DATE	REVISION/ISSUE	BY	CHKD	APP'D	COMMENTS
1	08/10/21	REVISED	RBW			CITY OF FRUITLAND PARK COMMENTS
2	08/10/21	REVISED	RBW			REVISED
3	08/19/21	REVISED	RBW			REVISED
4	09/21/21	REVISED	MMW			REVISED
5	10/14/21	REVISED	MMW			REVISED
6	11/09/21	REVISED	MMW			REVISED
7	12/07/21	REVISED	MMW			REVISED
8	12/08/21	REVISED	MMW			REVISED
9	12/08/21	REVISED	MMW			REVISED
10	12/08/21	REVISED	MMW			REVISED
11	12/08/21	REVISED	MMW			REVISED
12	12/08/21	REVISED	MMW			REVISED
13	12/08/21	REVISED	MMW			REVISED
14	12/08/21	REVISED	MMW			REVISED
15	12/12/22	REVISED	MMW			REVISED

ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

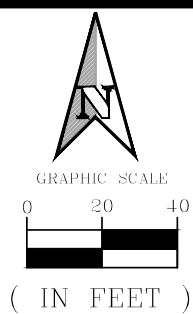
PROJECT # 221.056

DATE 01/28/2022 SHEET

SCALE C4.0

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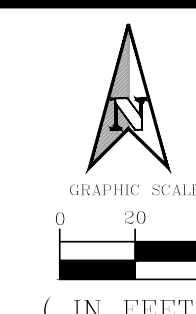
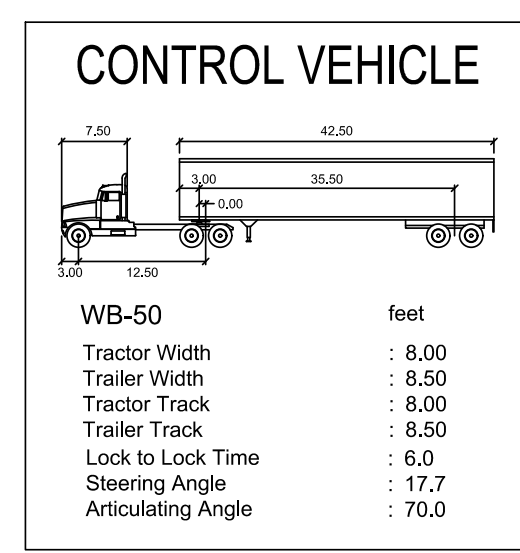
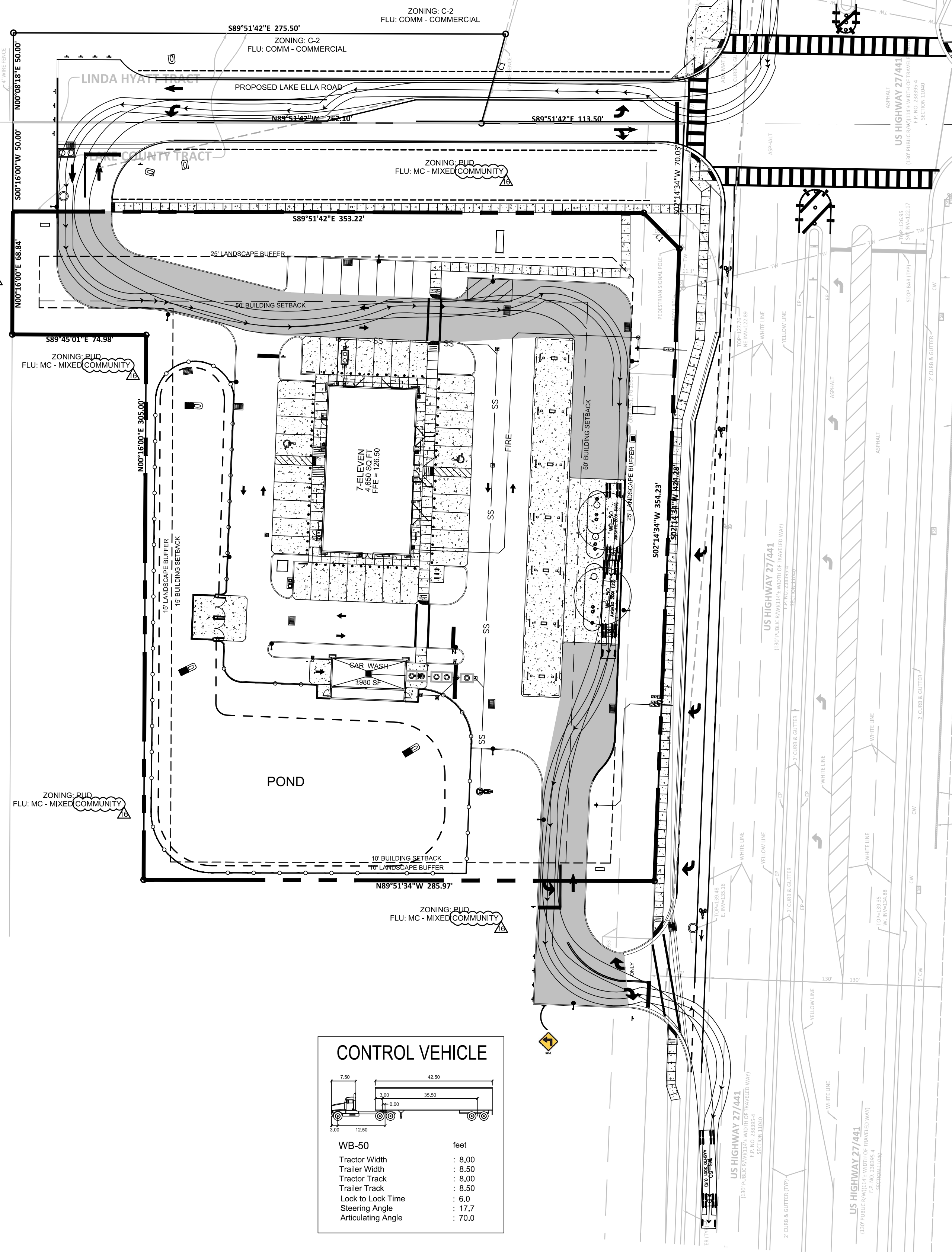
SITE PLAN



1 inch = 40 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915' = NGVD29

LEGEND

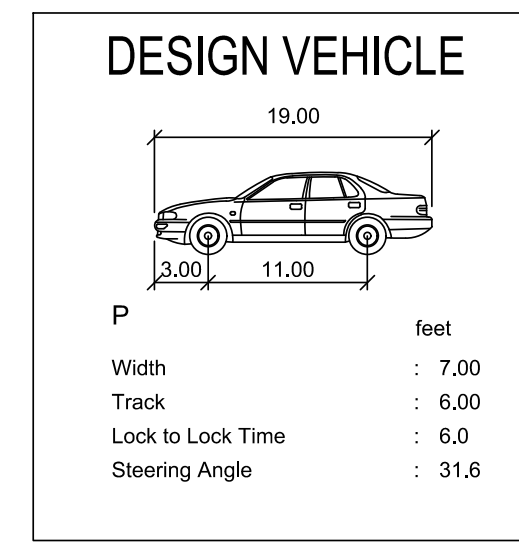
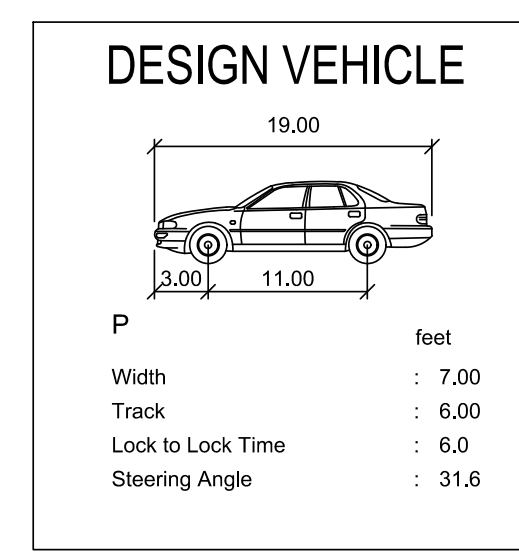
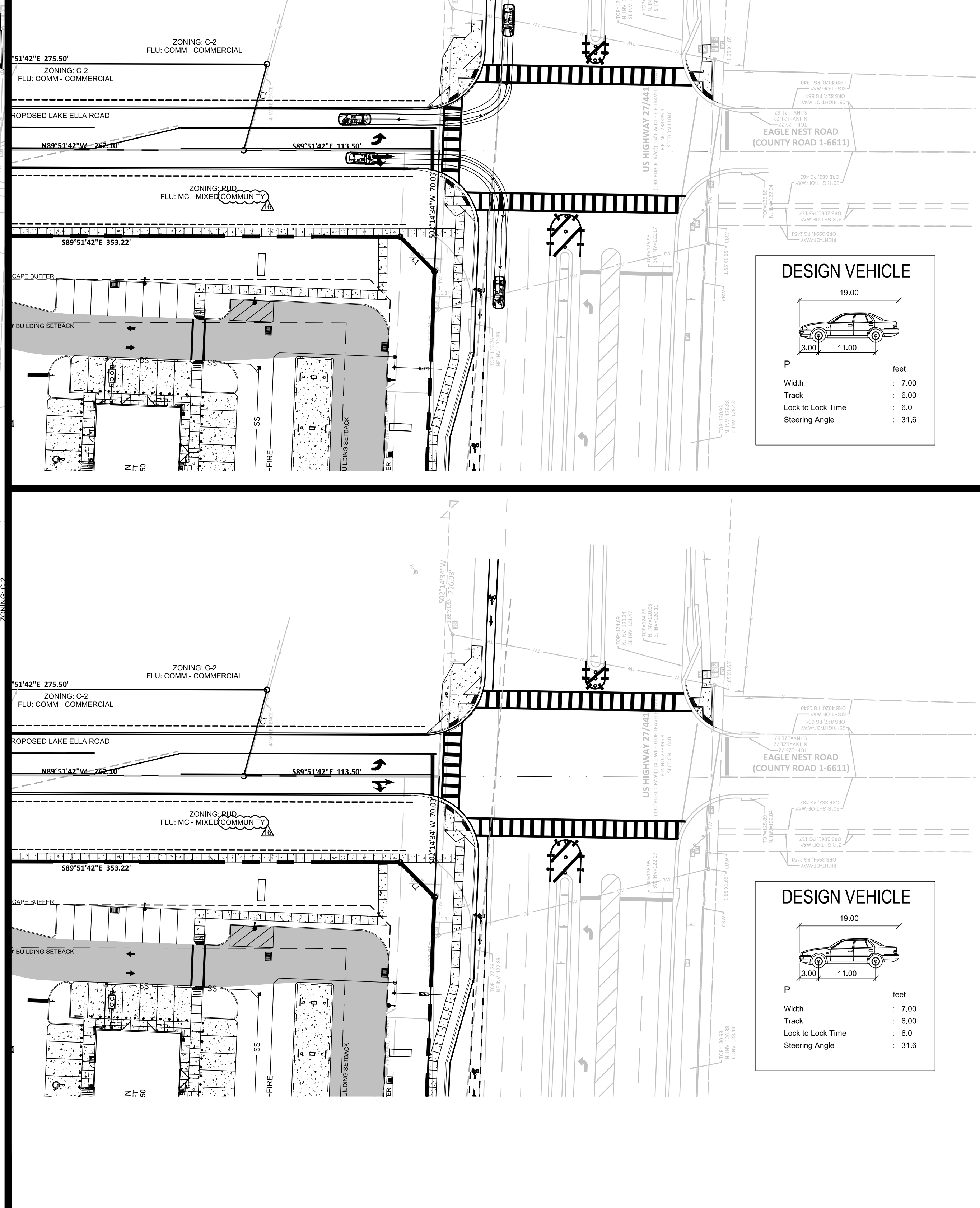
CONCRETE



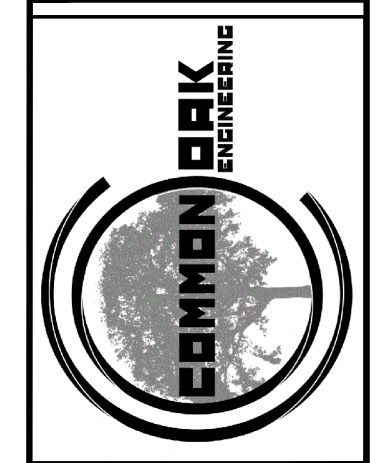
1 inch = 40 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915' = NGVD29

LEGEND

CONCRETE



RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

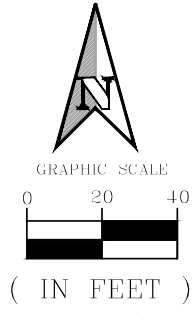
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2	11/09/21	FOOT COMMENTS	RWB
13	12/07/21	FOOT COMMENTS	AJB
16	01/12/22	CITY OF FRUITLAND PARK COMMENTS	RWB

ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

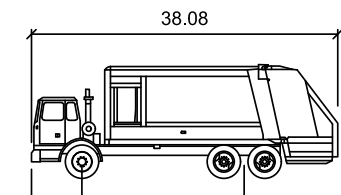
PROJECT # **221.056**
DATE **01/28/2022** SHEET

SCALE **C4.1**
1:30
VEHICLE ROUTING PLAN



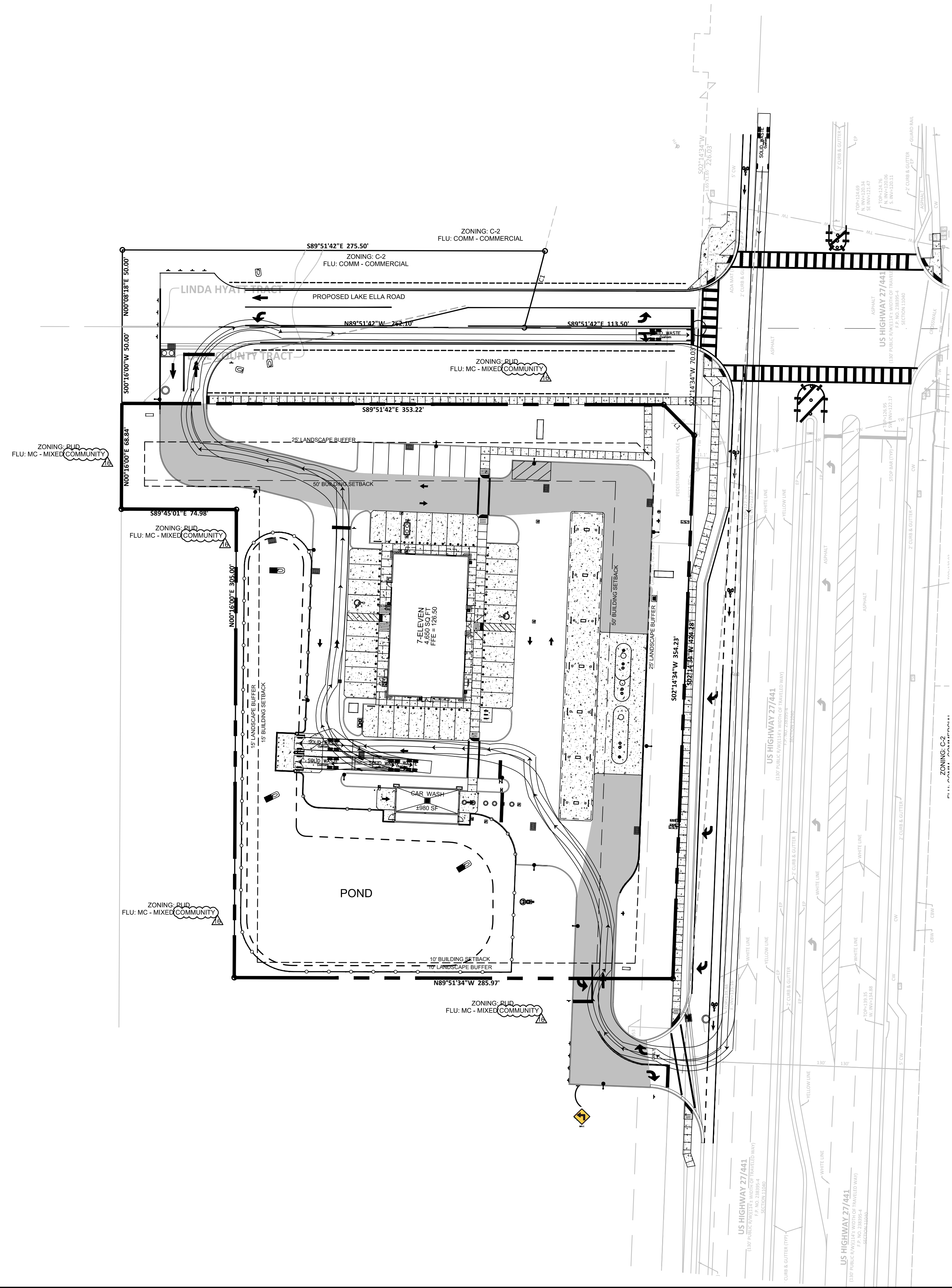
1 inch = 40 ft.
ELEVATIONS BASED ON
NAVD88 VERTICAL DATUM
CONVERSION
NAVD88 + 0.915' = NGVD29

LEGEND
CONCRETE



SOLID WASTE

feet
Width : 8.00
Track : 8.00
Lock to Lock Time : 6.0
Steering Angle : 40.0



RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL. 33701
PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL. 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY:
1	08/12/21	CITY OF FRUITLAND PARK COMMENTS	RJB
2	08/12/21	LEAD COMMENTS	ALB
13	12/07/21	CITY OF FRUITLAND PARK COMMENTS	RJB
16	01/21/22	CITY OF FRUITLAND PARK COMMENTS	RJB

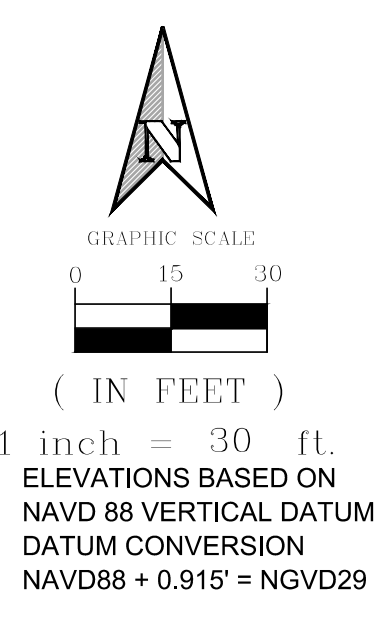
ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**

DATE: 01/28/2022 SHEET
SCALE: 1:30

C4.2
VEHICLE ROUTING PLAN



LEGEND

- ADA ACCESSIBLE AREA. REFER TO ADA REQUIREMENTS FOUND UNDER THE "GENERAL NOTES" SHEETS.
- B-1 SOIL BORINGS

NOTE: ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS (INDEXES). THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

NOTE: ALL AFFECTED SIDEWALKS, RAMPS AND CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.

NOTE: SLOPE IN HANDICAP ACCESSIBLE ROUTE SHALL NOT EXCEED 2% CROSS OR 5% LONGITUDINAL. SLOPE IN HANDICAP PARKING AREA NOT TO EXCEED 2%.

NOTE: CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES BEFORE START OF CONSTRUCTION.

NOTE: ALL DISTURBED AREAS TO BE SODDED AND RESTORED TO A CONDITION EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITION.

NOTE: CONTRACTOR SHALL SHOOT SANITARY SEWER AND STORM WATER INFRASTRUCTURE AS-BUILT DATA AND SUBMIT TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO ASPHALT PAVEMENT AND BASE COURSE INSTALLATION.

NOTE: CONTRACTOR SHALL FIELD VERIFY UTILITY POINT OF CONNECTIONS LOCATION, ELEVATION AND TYPE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING FACILITIES.

NOTE: THE STORMWATER REPORT STATES THAT CONSTRUCTION DEBRIS MUST BE REMOVED FROM THE SITE AND OVER EXCAVATION DONE, BUT THIS IS NOT SHOWN IN THE PLANS. REFER TO THE GEOTECHNICAL REPORT.

BURIED UTILITIES NOTE

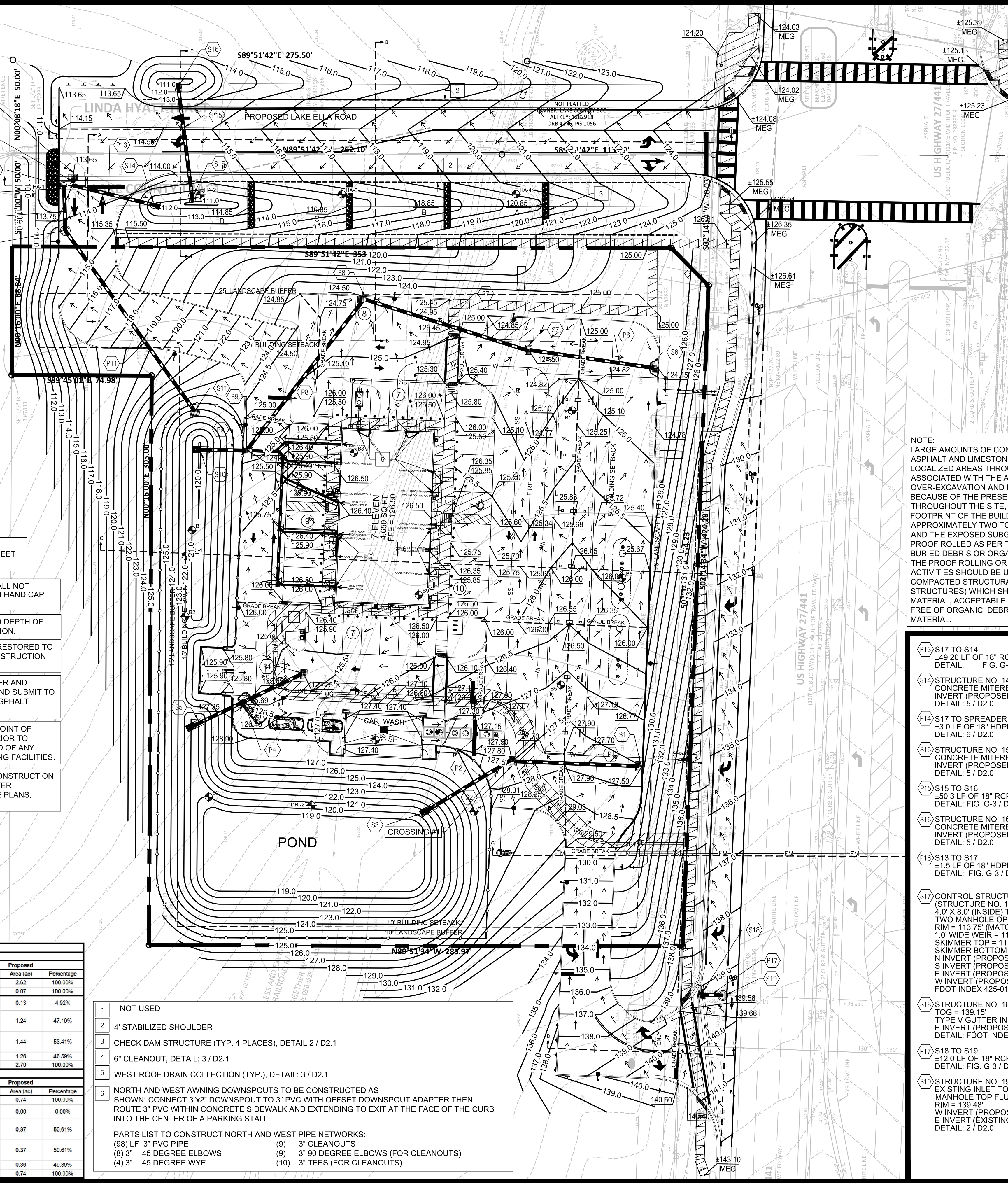
BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT SENSITIVE STATE ONE (817) 400-4321-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.



Overall Land Use Areas	Existing			Proposed		
	Area (sf)	Area (ac)	Percentage	Area (sf)	Area (ac)	Percentage
Site	114,329	2.62	100%	114,329	2.62	100.00%
Office road	3,174	0.07	100%	3,174	0.07	100.00%
Buildings (Combined)	0	0.00	0.00%	5,830	0.13	4.92%
Pavement, loading, sidewalks	6,965	0.14	5.24%	53,953	1.24	47.19%
Impervious (Does not include Pond)	6,965	0.14	5.10%	62,767	1.44	53.41%
PerVIOUS	111,505	2.58	94.90%	54,743 (1)	1.28	48.59%
Total	117,500	2.70	100.00%	117,500	2.70	100.00%

Right of Way	Existing			Proposed		
	Area (sf)	Area (ac)	Percentage	Area (sf)	Area (ac)	Percentage
Site	32,119	0.74	100%	32,119	0.74	100.00%
Buildings (Combined)	0	0.00	0.00%	0	0.00	0.00%
Pavement, loading, sidewalks	0	0.00	0.00%	16,258	0.37	50.91%
Impervious (Does not include Pond)	0	0.00	0.00%	16,258	0.37	50.91%
PerVIOUS	32,119	0.74	100.00%	15,863	0.36	49.39%
Total	32,119	0.74	100.00%	32,119	0.74	100.00%

- 1 NOT USED
 - 2 4' STABILIZED SHOULDER
 - 3 CHECK DAM STRUCTURE (TYP. 4 PLACES), DETAIL 2 / D2.1
 - 4 6" CLEANOUT, DETAIL: 3 / D2.1
 - 5 WEST ROOF DRAIN COLLECTION (TYP.). DETAIL: 3 / D2.1
 - 6 NORTH AND WEST AWNING DOWNSPOUTS TO BE CONSTRUCTED AS SHOWN; CONNECT 3"x2" DOWNSPOUT TO 3" PVC WITH OFFSET DOWNSPOUT ADAPTER THEN ROUTE 3" PVC WITHIN CONCRETE SIDEWALK AND EXTENDING TO EXIT AT THE FACE OF THE CURB INTO THE CENTER OF A PARKING STALL.
- PARTS LIST TO CONSTRUCT NORTH AND WEST PIPE NETWORKS:
(98) LF 3" PVC PIPE (9) 3" CLEANOUTS
(8) 3" 45 DEGREE ELBOWS (9) 3" 90 DEGREE ELBOWS (FOR CLEANOUTS)
(4) 3" 45 DEGREE WYE (10) 3" TEES (FOR CLEANOUTS)



NOTE: LARGE AMOUNTS OF CONSTRUCTION DEBRIS CONSISTING OF ASPHALT AND LIMESTONE BALLAST WERE FOUND IN LOCALIZED AREAS THROUGHOUT THE SITE AND ARE LIKELY ASSOCIATED WITH THE ABANDONED RAILWAY. OVER EXCAVATION AND PROOF ROLLING WILL BE REQUIRED BECAUSE OF THE PRESENCE OF CONSTRUCTION DEBRIS THROUGHOUT THE SITE. WE RECOMMEND THAT UNDER THE FOOTPRINT OF THE BUILDING AND CARWASH, APPROXIMATELY TWO TO THREE FEET OF SOIL BE REMOVED AND THE EXPOSED SUBGRADE SOIL BE COMPACTED AND PROOF ROLLED AS PER THE GEOTECHNICAL REPORT. ANY BURIED DEBRIS OR ORGANIC MATERIAL DETECTED DURING THE PROOF ROLLING OR DURING OTHER CONSTRUCTION ACTIVITIES SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL (MATERIAL PLACED UNDER STRUCTURES) WHICH SHOULD CONSIST OF GRANULAR MATERIAL, ACCEPTABLE TO THE GEOTECHNICAL ENGINEER, FREE OF ORGANIC, DEBRIS AND OTHER UNSUITABLE MATERIAL.

- S17 TO S14 489.20 LF OF 18" RCP PIPE AT 2.24% SLOPE DETAIL: FIG. G-3 / D3.0
- S14 STRUCTURE NO. 14 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) INVERT (PROPOSED 18" RCP) = 111.00' DETAIL: 5 / D2.0
- S17 TO SPREADER SWALE 43.0 LF OF 18" HDPE PIPE AT 0.0% SLOPE DETAIL: 6 / D2.0
- S15 STRUCTURE NO. 15 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) INVERT (PROPOSED 18" RCP) = 111.00' DETAIL: 5 / D2.0
- S15 TO S16 450.3 LF OF 18" RCP PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S16 STRUCTURE NO. 16 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) INVERT (PROPOSED 18" RCP) = 111.25' DETAIL: 5 / D2.0
- S13 TO S17 41.5 LF OF 18" HDPE PIPE AT 0.0% SLOPE DETAIL: FIG. G-3 / D3.0
- S17 CONTROL STRUCTURE NO. 2 (STRUCTURE NO. 17) 4.0' X 8.0' (INSIDE) TYPE "J" STRUCTURE BOTTOM WITH A TWO MANHOLE OPENING TOP SLAB (FDOT INDEX 425-010) RIM = 113.75' (MATCH ADJACENT GRADE) 1.0' WIDE WEIR = 112.85' SKIMMER TOP = 113.35' SKIMMER BOTTOM = 112.35' N INVERT (PROPOSED 18" HDPE) = 109.90' S INVERT (PROPOSED 18" RCP) = 110.00' E INVERT (PROPOSED 18" RCP) = 109.90' W INVERT (PROPOSED 18" HDPE) = 110.00' FDOT INDEX 425-010 / 1 / D2.1
- S18 STRUCTURE NO. 18 TOG = 118.15' TYPE V GUTTER INLET (FDOT INDEX 425-041) E INVERT (PROPOSED 18" RCP) = 135.22' DETAIL: FDOT INDEX 425-053 / D2.0
- S18 TO S19 412.0 LF OF 18" RCP PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S19 STRUCTURE NO. 19 EXISTING INLET TO BE RETROFIT OR REPLACED WITH A MANHOLE TOP FLUSH WITH ADJACENT GRADE (+139.84') RIM = 139.48' W INVERT (PROPOSED 18" RCP) = 135.16' E INVERT (EXISTING 18" RCP) = 135.16' DETAIL: 2 / D2.0

GRADING PLAN NOTES

- S1 STRUCTURE NO. 1 TYPE "F" INLET TOG = 127.50' W INVERT (PROPOSED 18" HDPE) = 124.00' DETAIL: FDOT INDEX 425-053 / D2.1
- S1 TO S2 466.9 LF OF 18" HDPE PIPE AT 1.0% SLOPE DETAIL: FIG. G-3 / D3.0
- S2 STRUCTURE NO. 2 TYPE "F" INLET TOG = 127.50' E INVERT (PROPOSED 18" HDPE) = 123.33' SW INVERT (PROPOSED 18" HDPE) = 122.03' DETAIL: FDOT INDEX 425-053 / D2.1
- S2 TO S3 452.2 LF OF 18" HDPE PIPE AT 3.9% SLOPE DETAIL: FIG. G-3 / D3.0
- S3 STRUCTURE NO. 3 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) NE INVERT (PROPOSED 18" HDPE) = 120.00' DETAIL: 5 / D2.0
- S3 NOT USED
- S4 STRUCTURE NO. 4 TYPE "F" STRUCTURE TOG = 125.25' SW INVERT (PROPOSED 18" HDPE) = 121.65' DETAIL: 2/D2.0 & FDOT INDEX 425-053 / D2.1
- S4 TO S5 465.0 LF OF 18" HDPE PIPE AT 1.0% SLOPE DETAIL: FIG. G-3 / D3.0
- S5 STRUCTURE NO. 5 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) INVERT (PROPOSED 18" HDPE) = 120.00' DETAIL: 5 / D2.0
- S5 NOT USED
- S6 STRUCTURE NO. 6 TYPE "F" INLET TOG = 124.45' W INVERT (PROPOSED 18" HDPE) = 120.95' DETAIL: FDOT INDEX 425-053 / D2.1
- S6 TO S7 467.0 LF OF 18" HDPE PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S7 STRUCTURE NO. 7 TYPE "F" INLET TOG = 124.50' E INVERT (PROPOSED 18" HDPE) = 120.61' NW INVERT (PROPOSED 18" HDPE) = 120.61' DETAIL: FDOT INDEX 425-053 / D2.1
- S7 TO S8 491.6 LF OF 18" HDPE PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S8 STRUCTURE NO. 8 TYPE "F" INLET TOG = 124.50' E INVERT (PROPOSED 18" HDPE) = 120.15' SW INVERT (PROPOSED 18" HDPE) = 120.15' DETAIL: FDOT INDEX 425-053 / D2.1
- S8 TO S9 4101.4 LF OF 18" HDPE PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S9 STRUCTURE NO. 9 TYPE "F" INLET TOG = 124.90' E INVERT = (PROPOSED 12" HDPE) = 122.67' NE INVERT (PROPOSED 18" HDPE) = 119.64' W INVERT (PROPOSED 18" HDPE) = 120.25' DETAIL: 2/D2.0 & FDOT INDEX 425-053 / D2.0
- S9 TO S10 425.3 LF OF 18" HDPE PIPE AT 1.0% SLOPE DETAIL: DETAIL: FIG. G-3 / D3.0
- S10 STRUCTURE NO. 10 CONCRETE MITERED END SECTION (FDOT INDEX 430-022) INVERT (PROPOSED 18" HDPE) = 120.00' DETAIL: 5 / D2.0
- S10 NOT USED
- S11 CONTROL STRUCTURE NO. 1 (STRUCTURE NO. 11) TYPE "F" INLET (FDOT INDEX 425-053) TOG = 124.50' 2.0' WIDE WEIR = 124.00' SKIMMER TOP = 124.50' SKIMMER BOTTOM = 123.50' NW INVERT (PROPOSED 18" HDPE) = 118.67' DETAIL: 6 / D2.1
- S11 TO S12 4119.0 LF OF 18" HDPE PIPE AT 7.0% SLOPE DETAIL: FIG. G-3 / D3.0
- S12 STRUCTURE NO. 12 4' DIAMETER TYPE P ALTERNATE "A" STRUCTURE BOTTOM WITH MANHOLE TOP AND 18" SUMP RIM = 113.66' N INVERT (PROPOSED 18" RCP) = 110.14' S INVERT (PROPOSED 18" RCP) = 110.34' FDOT INDEX 425-010 / 1 / D2.6
- S12 TO S17 428.7 LF OF 18" RCP PIPE AT 0.5% SLOPE DETAIL: FIG. G-3 / D3.0
- S13 STRUCTURE NO. 13 TYPE V GUTTER INLET (FDOT INDEX 425-041) RIM = 113.65' S INVERT (PROPOSED 18" RCP) = 109.90' DETAIL: FDOT INDEX 425-041 / D2.0

BY:	REVISION/ISSUE	DATE:	DESCRIPTION
RWB	08/10/21	08/10/21	CITY OF FRUITLAND PARK COMMENTS
RWB	07/19/21	07/19/21	SURWARD COMMENTS
RWB	08/18/21	08/18/21	FDOT COMMENTS
MMW	09/21/21	09/21/21	FDOT ACCESS COMMENTS
RWB	09/17/21	09/17/21	SURWARD COMMENTS
RWB	10/29/21	10/29/21	SURWARD COMMENTS
RWB	12/08/21	12/08/21	OWNER REVISION
RWB	01/12/22	01/12/22	CITY OF FRUITLAND PARK COMMENTS

ENGINEER'S NAME & PE#
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

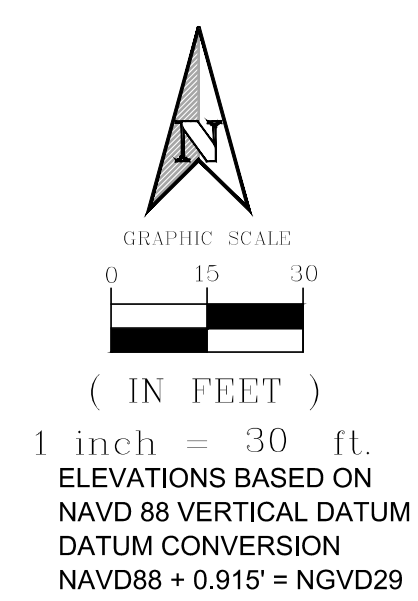
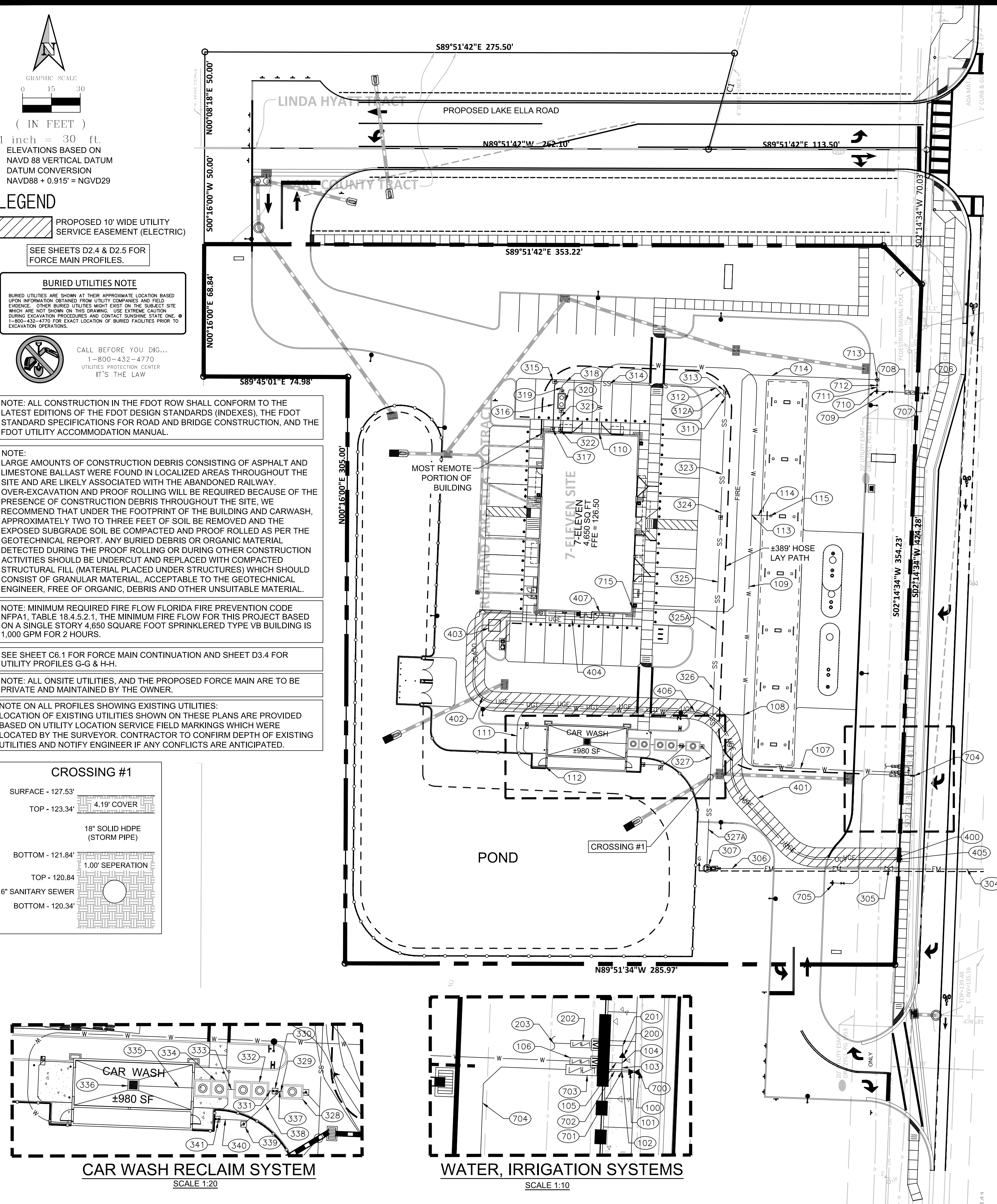
PROJECT # 221.056
DATE 01/28/2022
SCALE 1:30
SHEET C5.0

GRADING PLAN

RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563

COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731



LEGEND

PROPOSED 10' WIDE UTILITY SERVICE EASEMENT (ELECTRIC)

SEE SHEETS D2.4 & D2.5 FOR FORCE MAIN PROFILES.

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD CHECKS. OTHER BURIED UTILITIES MAY EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT SUNDANCE STATE ONE 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

CALL BEFORE YOU DIG...
1-800-432-4770
UTILITIES PROTECTION CENTER
IT'S THE LAW

NOTE: ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

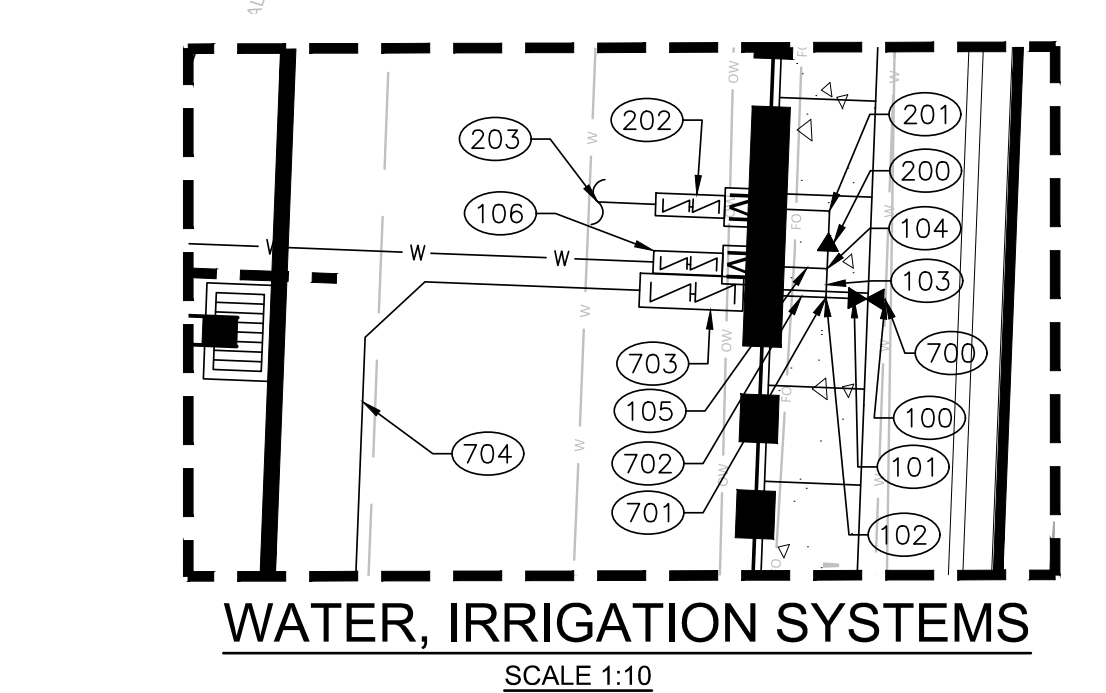
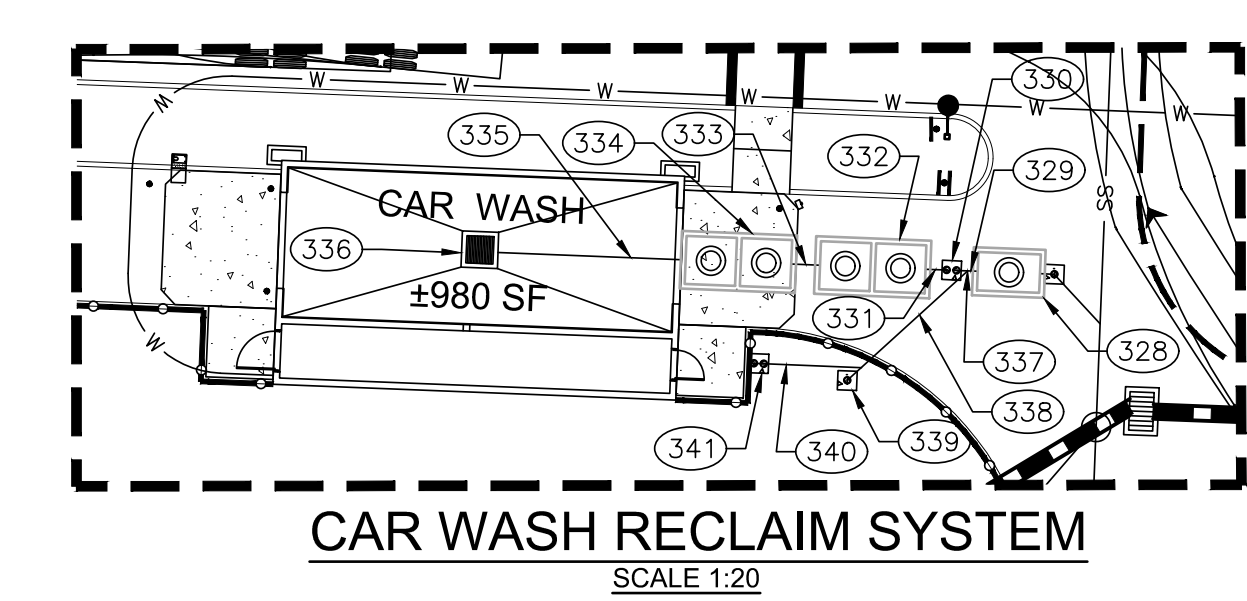
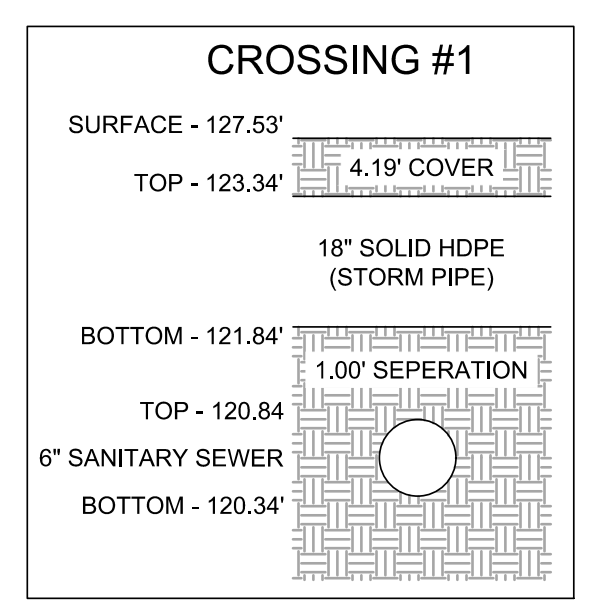
NOTE: LARGE AMOUNTS OF CONSTRUCTION DEBRIS CONSISTING OF ASPHALT AND LIMESTONE BALLAST WERE FOUND IN LOCALIZED AREAS THROUGHOUT THE SITE AND ARE LIKELY ASSOCIATED WITH THE ABANDONED RAILWAY. OVER-EXCAVATION AND PROOF ROLLING WILL BE REQUIRED BECAUSE OF THE PRESENCE OF CONSTRUCTION DEBRIS THROUGHOUT THE SITE. WE RECOMMEND THAT UNDER THE FOOTPRINT OF THE BUILDING AND CARWASH, APPROXIMATELY TWO TO THREE FEET OF SOIL BE REMOVED AND THE EXPOSED SUBGRADE SOIL BE COMPACTED AND PROOF ROLLED AS PER THE GEOTECHNICAL REPORT. ANY BURIED DEBRIS OR ORGANIC MATERIAL DETECTED DURING THE PROOF ROLLING OR DURING OTHER CONSTRUCTION ACTIVITIES SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL (MATERIAL PLACED UNDER STRUCTURES) WHICH SHOULD CONSIST OF GRANULAR MATERIAL, ACCEPTABLE TO THE GEOTECHNICAL ENGINEER, FREE OF ORGANIC, DEBRIS AND OTHER UNSUITABLE MATERIAL.

NOTE: MINIMUM REQUIRED FIRE FLOW FLORIDA FIRE PREVENTION CODE NFPA1, TABLE 18.4.5.2.1, THE MINIMUM FIRE FLOW FOR THIS PROJECT BASED ON A SINGLE STORY 4,650 SQUARE FOOT SPRINKLERED TYPE VB BUILDING IS 1,000 GPM FOR 2 HOURS.

SEE SHEET C6.1 FOR FORCE MAIN CONTINUATION AND SHEET D3.4 FOR UTILITY PROFILES G-G & H-H.

NOTE: ALL ONSITE UTILITIES, AND THE PROPOSED FORCE MAIN ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER.

NOTE ON ALL PROFILES SHOWING EXISTING UTILITIES: LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE PROVIDED BASED ON UTILITY LOCATION SERVICE FIELD MARKINGS WHICH WERE LOCATED BY THE SURVEYOR. CONTRACTOR TO CONFIRM DEPTH OF EXISTING UTILITIES AND NOTIFY ENGINEER IF ANY CONFLICTS ARE ANTICIPATED.



UTILITY PLAN NOTES

- WATER SERVICE CONNECTION**
- 100 CONNECT PROPOSED 6" DI WATER PIPE VIA WET TAP CONNECTION TO EXISTING 8" WATER MAIN WITH A 6" X 8" TAPPING SLEEVE AND 6" GATE VALVE. DETAIL: FIG. W-1, W-2, W-3, W-5, W-11 / D3.1 *CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING WATER MAIN BEFORE START OF CONSTRUCTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 101 ±3.4' LF OF 6" DI WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 102 6" X 2" DI TEE
 - 103 ±3.0' LF OF 2" BLUE PE WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 104 2" X 2" TEE
 - 105 ±3.5' LF OF 2" BLUE PE WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 106 2" WATER METER AND 2" RPZ ASSEMBLY, DETAIL: W-9, W-10, W-16, W-17 / D3.1
 - 107 ±104.5' LF OF 2" BLUE PE WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 108 2" X 2.0" TEE WITH 1.5" REDUCER
 - 109 ±290.3' LF OF 1.5" BLUE PE WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 110 CONNECT WATER LINE TO STUB-OUT LOCATION FROM STORE. CONTRACTOR SHALL COORDINATE CONNECTION WITH ARCHITECTURAL PLANS FOR LOCATION AND DEPTH OF PROPOSED CONNECTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 111 ±155.3' LF OF 2" BLUE PE WATER SERVICE PIPE, DETAIL: FIG. G-3 / D3.0
 - 112 CONNECT 2" WATER LINE TO STUB-OUT LOCATION FROM CAR WASH. CONTRACTOR SHALL COORDINATE CONNECTION WITH ARCHITECTURAL PLANS FOR LOCATIONS AND DEPTH OF PROPOSED CONNECTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 113 INSTALL 1.5" X 0.5" TEE & ISOLATION VALVE
 - 114 ±9.5' LF OF 0.5" BLUE PE WATER SERVICE LINE TO THE FUEL CANOPY, DETAIL: FIG. G-3 / D3.0
 - 115 CONNECT TO HOSE BIB. CONTRACTOR SHALL COORDINATE CONNECTION WITH ARCHITECTURAL PLANS FOR LOCATION AND DEPTH OF PROPOSED CONNECTION. REPORT TO ENGINEER IF ANY CONFLICTS EXISTS.
- IRRIGATION CONNECTION**
- 200 2" X 1" REDUCER
 - 201 ±5.0' LF OF 1" BLUE PE WATER SERVICE LINE, DETAIL: FIG. G-3 / D3.0
 - 202 1.0" WATER METER & 1.0" RPZ ASSEMBLY DETAILS: FIG. W-9, W-10, W-17 / D3.1
 - 203 SEE SHEET C7.1 FOR REMAINING IRRIGATION SYSTEM.
- SANITARY SEWER**
- 300 FORCE MAIN CONNECTION
CONNECT TO EXISTING 2.5" SANITARY FORCE MAIN WITH A 2.5" X 2.5" TAPPING SLEEVE OR FITTING AS REQUIRED, INSTALL 2.5" GATE VALVE. *CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SANITARY CONNECTION BEFORE START OF CONSTRUCTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 301 NOT USED
 - 302 NOT USED
 - 302A NOT USED
 - 303 NOT USED
 - 304 ±153.0' LF OF 2.5" HDPE FORCE MAIN PIPE TO BE INSTALLED WITHIN A 4" HDPE PIPE DIRECTIONAL DRILLED UNDER THE ROADWAY TO ACT AS A SLEEVE FOR THE 2.5" PIPE. MINIMUM SEPARATION OF 80". (USE 6" REAMER) DETAIL: FIG. G-3 / D3.0
 - 305 2.5" GATE VALVE AT THE PROPERTY LINE. CITY OF FRUITLAND PARK POINT OF SERVICE.
 - 306 ±87.4' LF OF 2" PVC FORCE MAIN PIPE DETAIL: FIG. G-3 / D3.0
 - 307 PRIVATE LIFT STATION, NORTH INV. = 119.86', TOP OF WET WELL ELEVATION = 130.25', DETAIL: SHEET D3.3
 - 308 ±56.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 309 6" CLEANOUT, INV. = 119.10', DETAIL: S-9 / D3.2
 - 310 ±34.3' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 310A 6" DROP CLEANOUT, SOUTH INV. = 122.21', NORTH INV. = 119.44' DETAIL: S-9 / D3.2
 - 310B ±10.2' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 311 6" WYE CONNECTOR
 - 312 45° ELBOW
 - 312A ±7.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 313 6" CLEANOUT, INV. = 122.35', DETAIL: S-9 / D3.2
 - 314 ±84.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 315 6" CLEANOUT, INV. = 123.24', DETAIL: S-9 / D3.2
 - 316 ±26.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 317 CONNECT TO STUB OUT AT BUILDING WITH TWO-WAY CLEANOUT, INV. = 123.50', DETAIL: 1 / D3.2
 - 318 6" WYE CONNECTOR, INV. = 123.30'
 - 319 ±5.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
- 320 750 GALLON CONCRETE GREASE INTERCEPTOR INV.: S. CLEANOUT (IN) = 123.60', N. CLEANOUT (OUT) = 123.35', DETAIL: S-15 / D3.2
 - 321 ±11.3' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 322 CONNECT TO STUB OUT AT BUILDING WITH TWO-WAY CLEANOUT, INV. = 123.71', DETAIL: 1 / D3.2
 - 323 ±62.00' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 324 6" CLEANOUT, INV. = 121.73', DETAIL: S-9 / D3.2
 - 325 ±62.00' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 325A 6" CLEANOUT, INV. = 121.11', DETAIL: S-9 / D3.2
 - 326 ±65.71' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 327 2-WAY CLEANOUT, NORTH INV.=120.45' NORTHWEST INV.=124.18', DETAIL: S-9 / D3.2
 - 327A ±58.28' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 328 750 GALLON OIL WATER SEPARATOR TANK, INVERTS: W. (IN) = 124.50', E. (OUT) = 124.25', ALSO REFER TO ARCHITECTURAL PLANS
 - 329 ±2.2' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 330 6" TWO-WAY CLEANOUT, INV. = 124.52', DETAIL: 1 / D3.2
 - 331 ±2.2' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 332 1,500 GALLON RECLAIM TANK 2 W. INV. (IN) = 124.79', E. INV. (OUT) = 124.54' *ALSO REFER TO ARCHITECTURAL PLANS
 - 333 ±3.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% DETAIL: FIG. G-3 / D3.0
 - 334 1,500 GALLON RECLAIM TANK 1 W. INV. (IN) = 125.07', E. INV. (OUT) = 124.82' *ALSO REFER TO ARCHITECTURAL PLANS
 - 335 ±19.1' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 336 CONNECT TO SAND TRAP STRUCTURE, INV. = 125.26' *ALSO REFER TO ARCHITECTURAL PLANS
 - 337 WYE CONNECTOR, INV= 124.51'
 - 338 ±17.0' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN), DETAIL: FIG. G-3 / D3.0
 - 339 6" CLEANOUT, INV. = 124.68', DETAIL: S-9 / D3.2
 - 340 ±11.8' LF OF 6" PVC SANITARY LINE SLOPED AT 1.0% (MIN) DETAIL: FIG. G-3 / D3.0
 - 341 CONNECT WITH TWO-WAY CLEANOUT TO STUB OUT FROM CAR WASH, INV. = 124.80', DETAIL: 1 / D3.2
- ELECTRIC AND COMMUNICATIONS**
- 400 PROPOSED APPROXIMATE ELECTRICAL SERVICE CONNECTION POINT.
 - 401 10' WIDE UTILITY EASEMENT FOR ELECTRICAL SERVICE
 - 402 ±331.4' LF OF UNDERGROUND ELECTRICAL SERVICE LINE TO GROUND MOUNTED TRANSFORMER.
 - 403 PROPOSED GROUND MOUNTED TRANSFORMER.
 - 404 ±59.7' LF OF UNDERGROUND ELECTRICAL SERVICE LINE TO BUILDING.
 - 405 PROPOSED APPROXIMATE TELEPHONE SERVICE CONNECTION POINT.
 - 406 ±394.9' LF OF UNDERGROUND TELEPHONE SERVICE LINE TO BUILDING.
 - 407 APPROXIMATE ELECTRICAL AND TELEPHONE CONNECTION TO BUILDING. SEE ARCHITECTURAL PLANS.
- FIRE SERVICE CONNECTIONS**
- 700 6" X 6" TEE
 - 701 CONNECT PROPOSED 6" DI PIPE TO PROPOSED 6" X 2" TEE.
 - 702 ±4.3' LF OF PROPOSED 6" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 703 BACK FLOW PREVENTER, DETAIL: FIG. W-16 / D3.2
 - 704 ±81.4' LF OF PROPOSED 6" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 705 CITY OF FRUITLAND PARK APPROVED FIRE HYDRANT & GATE VALVE, DETAIL: FIG. W-11 / D3.1
 - 706 CONNECT PROPOSED 6" DI WATER PIPE VIA WET TAP CONNECTION TO EXISTING 8" WATER MAIN WITH A 6" X 8" TAPPING SLEEVE AND 6" GATE VALVE. DETAIL: FIG. W-1, W-2, W-3, W-5, W-11 / D3.1 *CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING WATER MAIN BEFORE START OF CONSTRUCTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 707 ±7.45' LF OF PROPOSED 6" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 708 BACK FLOW PREVENTER, DETAIL: FIG. W-16 / D3.2
 - 709 ±14.54' LF OF PROPOSED 6" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 710 CITY OF FRUITLAND PARK APPROVED FIRE HYDRANT & GATE VALVE, DETAIL: FIG. W-11 / D3.1
 - 711 ±6.0' LF OF PROPOSED 6" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 712 6" X 4" REDUCER, 4" CHECK VALVE & 4" FDC.
 - 713 PROPOSED FDC CONNECTION
 - 714 ±242.60' LF OF PROPOSED 4" DI PIPE, DETAIL: FIG. G-3 / D3.0
 - 715 CONNECT TO STUB-OUT AT THE BUILDING (SEE ARCHITECTURAL PLANS). NOTE: FIRE SPRINKLER MAIN POINT OF CONNECTION (THIS IS WHERE THE LINE IS SOLELY USED FOR FIRE SPRINKLERS) MUST TERMINATE 1-FOOT ABOVE FINISH FLOOR AS REQUIRED PER FS 633.539.*

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COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
5 HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	CHKD	APP'D	COMMENTS
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
2	08/17/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
3	08/17/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
4	08/18/21	FOOT COMMENTS	RJB			
5	08/18/21	FOOT COMMENTS	RJB			
6	08/18/21	FOOT COMMENTS	RJB			
7	10/19/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
8	12/07/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
9	12/07/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
10	12/07/21	CITY OF FRUITLAND PARK COMMENTS	RJB			
11	01/12/22	CITY OF FRUITLAND PARK COMMENTS	RJB			

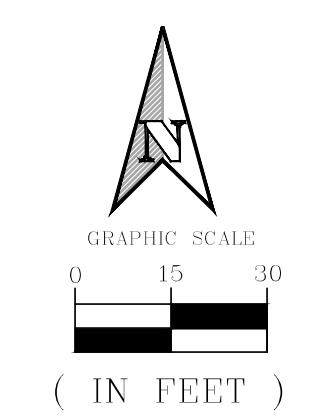
ENGINEER'S NAME & PE#
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**

DATE **01/28/2022** SHEET

SCALE **1:30** **C6.0**

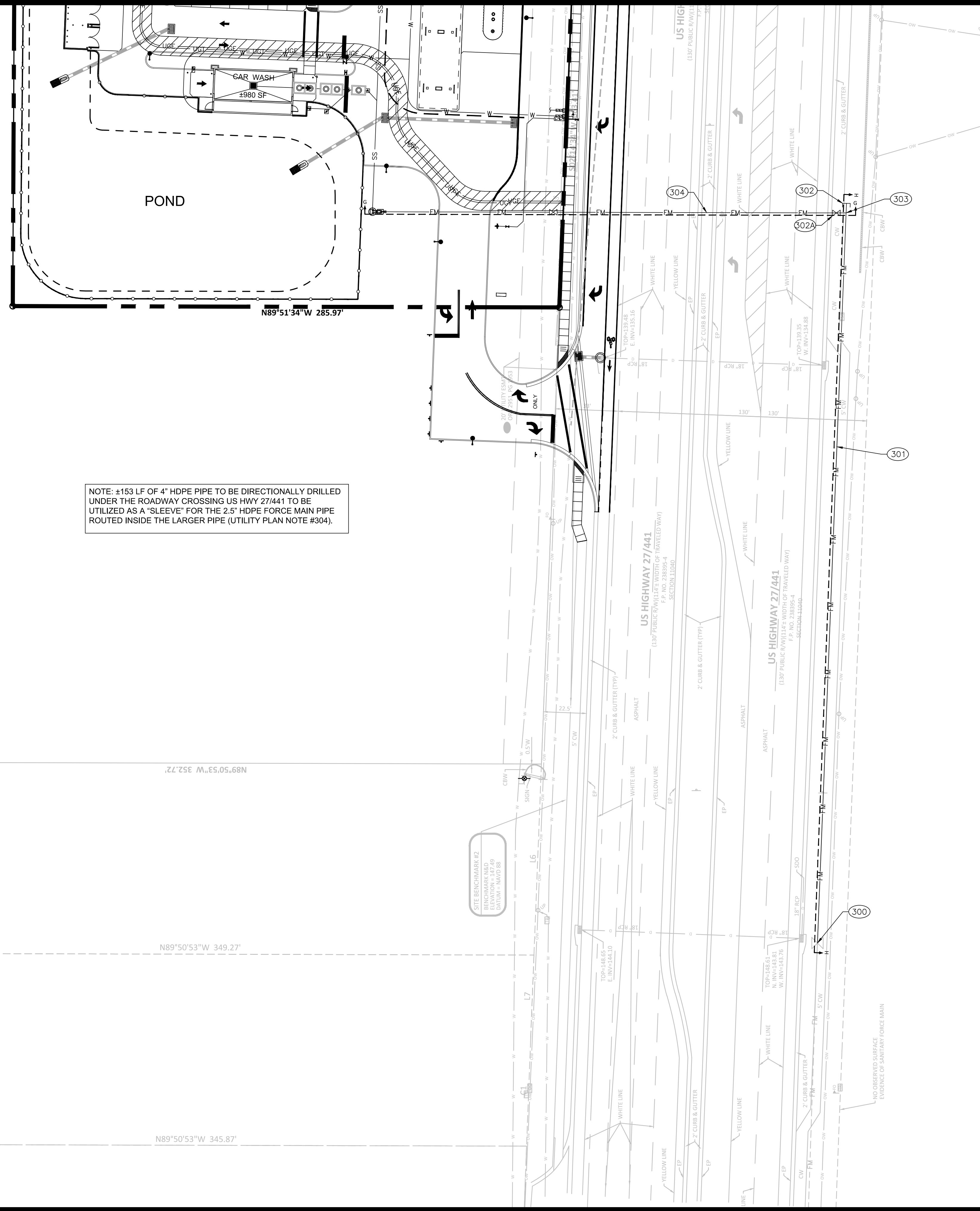
UTILITY PLAN



LEGEND

PROPOSED 10' WIDE UTILITY SERVICE EASEMENT (ELECTRIC)

SEE SHEET D3.4 FOR FORCE MAIN PROFILES.



NOTE: ±153 LF OF 4" HDPE PIPE TO BE DIRECTIONALLY DRILLED UNDER THE ROADWAY CROSSING US HWY 27/441 TO BE UTILIZED AS A "SLEEVE" FOR THE 2.5" HDPE FORCE MAIN PIPE ROUTED INSIDE THE LARGER PIPE (UTILITY PLAN NOTE #304).

NOTE ON ALL PROFILES SHOWING EXISTING UTILITIES: LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE PROVIDED BASED ON UTILITY LOCATION SERVICE FIELD MARKINGS WHICH WERE LOCATED BY THE SURVEYOR. CONTRACTOR TO CONFIRM DEPTH OF EXISTING UTILITIES AND NOTIFY ENGINEER IF ANY CONFLICTS ARE ANTICIPATED.

NOTE: ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

NOTE: THE PAGES TITLED "GENERAL NOTES", AS LISTED ON THE COVER PAGE OF THIS SET OF CONSTRUCTION DOCUMENTS, SHALL APPLY TO ALL SHEETS HEREIN. THE GENERAL CONTRACTOR SHALL PROVIDE A COPY OF THE "GENERAL NOTES" SHEETS TO ALL BIDDERS AND SUBCONTRACTORS.

NOTICE TO GENERAL CONTRACTORS: CONTRACTOR TO REPERCOORDINATE THE WORK SHOWN HEREIN WITH THE WORK SHOWN ON THE REMAINDER OF THESE CONSTRUCTION DOCUMENTS. IF ANY DISCREPANCIES BETWEEN THE WORK SHOWN ON THIS AND OTHER PAGES IS FOUND, OR IF THE CONTRACTOR HAS ANY QUESTIONS OF ANY KIND, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING PRIOR TO THE PERFORMANCE OF ANY WORK.

NOTE: CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL A MAINTENANCE OF TRAFFIC PLAN SPECIFIC TO THE WORK TO BE PERFORMED ON THIS PROJECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

NOTE: CONTRACTOR SHALL SHOOT SANITARY SEWER AND STORM WATER INFRASTRUCTURE AS-BUILT DATA AND SUBMIT TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO ASPHALT PAVEMENT AND BASE COURSE INSTALLATION.

NOTE: CONTRACTOR SHALL FIELD VERIFY UTILITY POINT OF CONNECTIONS LOCATION, ELEVATION AND TYPE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING FACILITIES.

NOTE: ALL DISTURBED AREAS TO BE SODDEN AND RESTORED TO A CONDITION EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITION.

NOTICE TO GENERAL CONTRACTORS: CONTRACTOR TO REFER TO THE CITY OF APOPKA APPROVED MATERIAL LIST WHEN INSTALLATION OF WATER AND / OR SEWER EQUIPMENT IS BEING DONE IN THE RIGHT OF WAY.

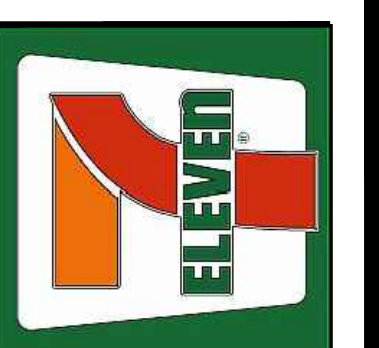
BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT BURNING STATE ONE, 811-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.



UTILITY PLAN NOTES

- SANITARY SEWER**
- 300 FORCE MAIN CONNECTION "CONNECT TO EXISTING 2.5" SANITARY FORCE MAIN WITH A 2.5" X 2.5" TAPPING SADDLE WITH 2.5" GATE VALVE "CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SANITARY CONNECTION BEFORE START OF CONSTRUCTION. REPORT TO ENGINEER IF ANY CONFLICT EXISTS.
 - 301 ±387.4 LF OF 2.5" PVC SANITARY LINE DETAIL: FIG. 100 & FIG. 101 / D3.0
 - 302 PROPOSED 2.5" CAP
 - 302A PROPOSED 2.5" GATE VALVE
 - 303 PROPOSED 2.5" X 2.5" TEE
 - 304 ±153.0 LF OF 2.5" HDPE FORCE MAIN PIPE TO BE INSTALLED WITHIN A 4" HDPE PIPE DIRECTIONALLY DRILLED UNDER THE ROADWAY TO ACT AS A SLEEVE FOR THE 2.5" PIPE. MINIMUM SEPARATION OF 80". (USE 6" REAMER) DETAIL: FIG. G-3 / D3.0



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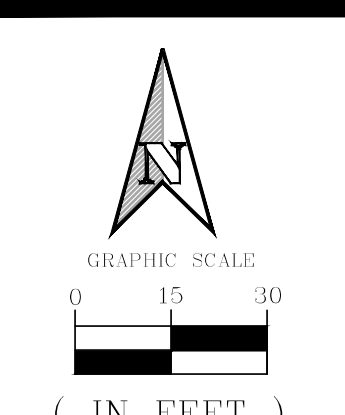
COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407) 951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY:	REV:
1	08/19/21	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB
2	10/19/21	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB
3	12/07/21	FOOT COMMENTS	ROB	ROB
4	12/07/21	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB
5	01/12/22	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **1:30** **C6.1**
 UTILITY PLAN



GRAPHIC SCALE
0 15 30
(IN FEET)
1 inch = 30 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915 = NGVD29

ZONING: PUD
FLU: MC - MIXED COMMUNITY

ZONING: PUD
FLU: MC - MIXED COMMUNITY

ZONING: PUD
FLU: MC - MIXED COMMUNITY

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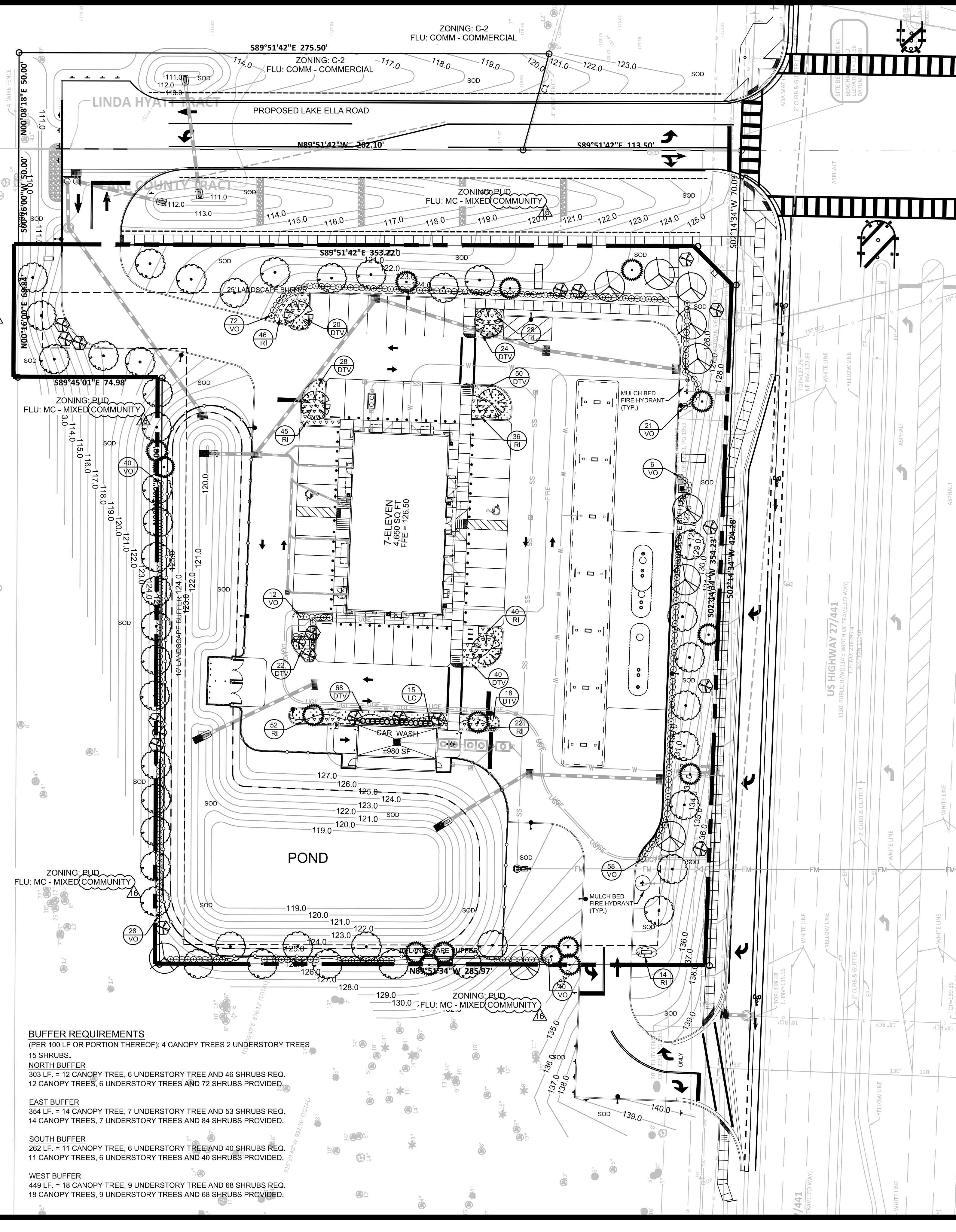
ZONING: PUD
FLU: MC - MIXED COMMUNITY

ZONING: PUD
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ZONING: PUD
FLU: MC - MIXED COMMUNITY



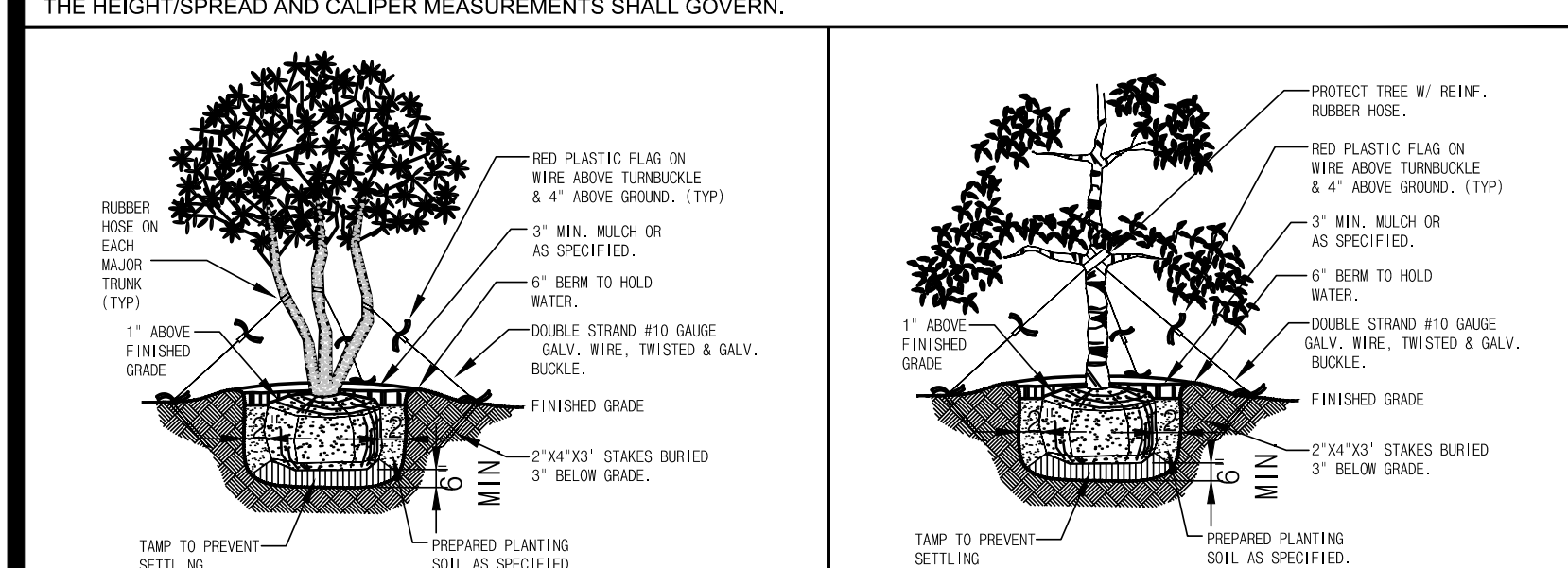
BUFFER REQUIREMENTS
(PER 100 LF OR PORTION THEREOF): 4 CANOPY TREES 2 UNDERSTORY TREES 15 SHRUBS.
NORTH BUFFER
303 LF. = 12 CANOPY TREE, 6 UNDERSTORY TREE AND 46 SHRUBS REQ.
12 CANOPY TREES, 6 UNDERSTORY TREES AND 72 SHRUBS PROVIDED.
EAST BUFFER
354 LF. = 14 CANOPY TREE, 7 UNDERSTORY TREE AND 53 SHRUBS REQ.
14 CANOPY TREES, 7 UNDERSTORY TREES AND 84 SHRUBS PROVIDED.
SOUTH BUFFER
282 LF. = 11 CANOPY TREE, 6 UNDERSTORY TREE AND 40 SHRUBS REQ.
11 CANOPY TREES, 6 UNDERSTORY TREES AND 40 SHRUBS PROVIDED.
WEST BUFFER
449 LF. = 18 CANOPY TREE, 9 UNDERSTORY TREE AND 68 SHRUBS REQ.
18 CANOPY TREES, 9 UNDERSTORY TREES AND 68 SHRUBS PROVIDED.

BURIED UTILITIES NOTE
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CALL BEFORE YOU DIG...
1-800-432-4770
UTILITIES PROTECTION CENTER
IT'S THE LAW

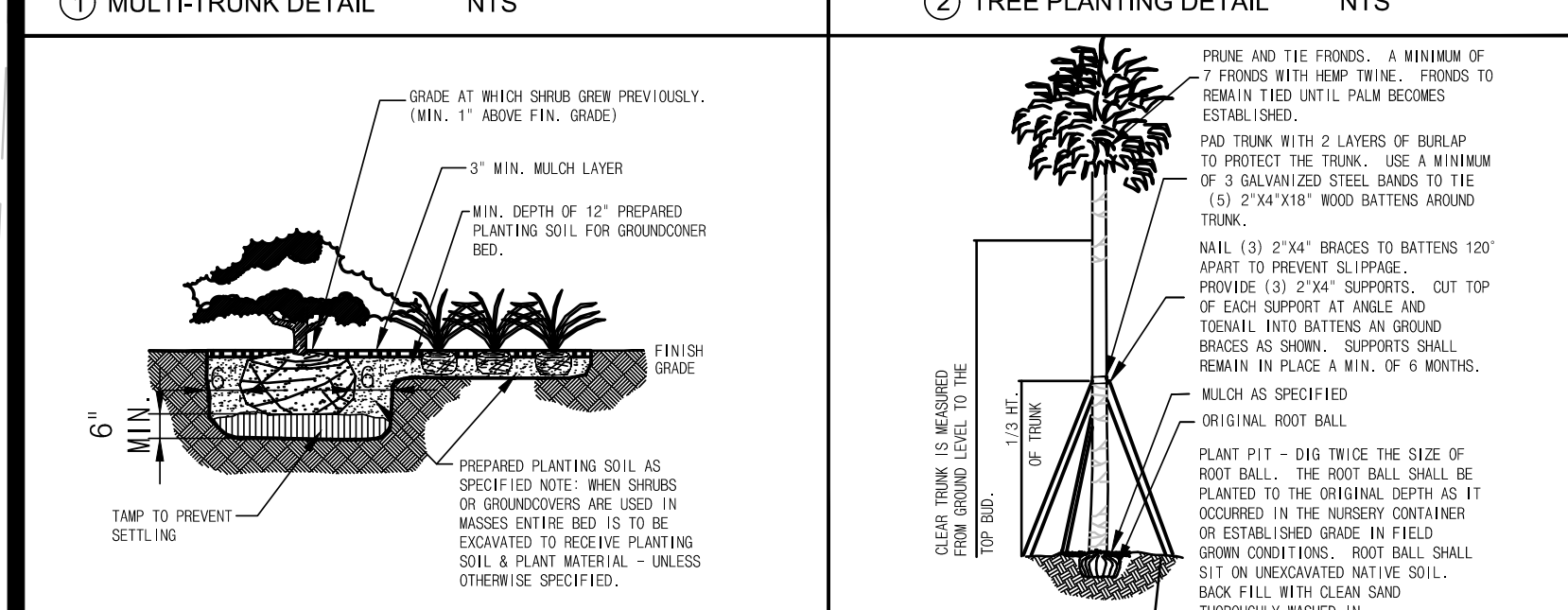
SYMBOL	BOTANICAL NAME (COMMON NAME)	MINIMUM SIZE/SPACING	DROUGHT TOLERANCE	NATIVE FLORIDA	QUANTITY
QV	QUERCUS VIRGINIANA (LIVE OAK)	12" MIN. HT., 2.5" CAL. MIN., 6' CLEAR TRUNK	YES	YES	10
MG	MAGNOLIA GRANDIFLORA (SOUTHERN MAGNOLIA)	12" MIN. HT., 2.5" CAL. MIN.	YES	YES	5
TD	TAXODIUM DISTICHUM (BALD CYPRESS)	12" MIN. HT., 2.5" CAL. MIN., 6' CLEAR TRUNK	YES	YES	44
IV	ILEX VOMITORIA (YAUPOIN HOLLY)	6" MIN. HT., 1" CAL.	YES	YES	16
LI	LAGERSTROMIA INDICA (CRAPE MYRTLE MUSKOGEE)	6" + MIN. HT., X 4" SPR., MULTH-TRUNK	YES	NO	20
DTV	DIANELLA TASMANICA 'VARIETA' (FLAX LILY)	8"-10" MIN. HT., 1 GAL. 24" O.C.	YES	YES	270
RI	RAPHIOLEPIS INDICA (INDIAN HAWTHORNE)	18" MIN. HT., 3 GAL. 24" O.C.	YES	NO	283
VO	VIBURNUM ODO RATISSIMUM (SWEET VIBURNUM)	30" MIN. HT., 24" SPREAD	YES	NO	277
LC	LOROPETALUM 'RUBRUM' (LOROPETALUM)	30" MIN. HT., 24" SPREAD	YES	NO	15
SOD	BAHIA	3 GAL., 30" O.C.	YES	YES	TBD

PLANT QUANTITY: 00 XX
PLANT SYMBOL

NOTE: WHERE GALLON REFERENCES MAY CONFLICT WITH HEIGHT/SPREAD AND CALIPER MEASUREMENTS, THE HEIGHT/SPREAD AND CALIPER MEASUREMENTS SHALL GOVERN.



1 MULTI-TRUNK DETAIL NTS
2 TREE PLANTING DETAIL NTS



3 SHRUB AND GROUND COVER DETAIL NTS
4 PALM PLANTING DETAIL NTS

GENERAL LANDSCAPE NOTES
1. ALL PLANTS TO BE PLANTED TO 1" OR BETTER AS OUTLINED UNDER GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1, 190 AND PART 2, STATE OF FLORIDA DEPARTMENT OF AGRICULTURE, TALLAHASSEE, FLORIDA, AND ANY AMENDMENTS THERE TO.
2. ALL TREES AND PLANT MATERIAL SHALL BE PLANTED IN ACCORDANCE WITH THE SPECIFICATIONS DESCRIBED IN THE STATE DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF FORESTRY, "TREE PROTECTION MANUAL FOR BUILDERS AND DEVELOPERS" OCTOBER 1988.
3. THE LANDSCAPE CONTRACTOR (CONTRACTED BY OWNER, N.L.C.) SHALL BE RESPONSIBLE FOR ALL MATERIALS AND ALL WORK AS CALLED FOR ON THE LANDSCAPE PLANS. THE SET OF PLANT QUANTITIES ACCOMPANYING THE PLANS SHALL BE USED AS A GUIDE ONLY. NO QUANTITIES OR SUBSTITUTIONS SHALL BE MADE UNLESS CONSULTED WITH THE CITY OF COAL.
4. ALL TREES, SHRUBS AND GROUND COVERS SHALL BE PLANTED USING A SOIL MIXTURE PREPARED ACCORDING TO THE EXISTING SOIL THROUGHOUT.
5. THE LANDSCAPE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS AND PATIERS. VERTICAL DRAINAGE THROUGH ANY COMPACTED FILL TO NATIVE SOIL SHALL BE ACCOMPLISHED TO AID DRAINAGE.
6. ALL PLANT BEDS AND TREE WATERING BANS SHALL BE TOP DRESSED WITH THREE INCHES OF SHREDED ORGANIC MULCH.
7. NO TREES SHALL BE PLANTED CLOSER THAN 3 FEET (3') FROM THE EDGE OF PAVEMENT TO ALLOW ADEQUATE TREE TRUNK PROTECTION.
8. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILITY PLUMB CONDITION OF ALL TREES AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY THE INSTABILITY OF ANY PLANT MATERIAL.
9. ALL LAWN AREAS TO RECEIVE SOIL SHALL BE DISKED FOR 1/4" TO 3/8" INCHES AND DRAINAGE TO ESTABLISH A LEVEL FINISH GRADE. ALL DEBRIS TO BE REMOVED FROM THE SITE.
10. SOIL SHALL BE FREE OF WEEDS AND PESTS. IT SHALL BE LAM EATEN AND ROLLED WITH TIGHT FITTING JOINTS. THE SOIL SHALL CONTAIN NOBET SOIL WHICH DOES NOT FALL APART OR TEAR WHEN LIFTED. ALL AREAS NOT PAVED OR OTHERWISE LANDSCAPED SHALL BE SOGGED. SOIL SHALL BE AERATED TO 6" DEPTH.
11. ALL LANDSCAPE AREAS TO BE IRRIGATED WITH AN AUTOMATIC UNDERGROUND SYSTEM WITH 100% COVERAGE BACKFLOW PREVENTER & MAIN SERVICE DEVICE. DIRECT SPRAY HEADS AWAY FROM ANY NATURAL AREAS AND PAVED SURFACES.
12. THE TREE CALIPER OF ALL CANOPY TREES SPECIFIED ON THE PLANT LIST SHALL BE MEASURED AT SIX (6) INCHES ABOVE GRADE.
13. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING ON SITE OR ADJACENT AREAS, INCLUDING BUT NOT LIMITED TO BURIED UTILITIES, ETC., WHICH IS CAUSED BY PREPARING OR INSTALLING ANY AND ALL PLANT MATERIAL.

VUA AND PAVED AREA CALCULATIONS:
INTERIOR LANDSCAPING SHALL ACCOUNT FOR A MINIMUM OF TEN PERCENT OF PARKING AREAS)
VUA 34,694 SQ.FT. TOTAL 34,694 X 10% = 3,470 SQ.FT. REQUIRED. TOTAL INTERIOR LANDSCAPE 3,545 SQ.FT. PROPOSED.
PAVED AREAS OTHER THAN PARKING AREAS SHALL HAVE ONE SQUARE FOOT OF INTERIOR LANDSCAPING FOR EACH 50 SQUARE FEET OF PAVEMENT IN ALL AREAS EXCEEDING 5,000 SQUARE FEET)
PAVE AREA 14,550 SQ.FT./50 SQ.FT.=291 SQ.FT. REQUIRED 352 SQ.FT. PROVIDED.

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NOTE: LANDSCAPE PLAN CONFORMS TO FLORIDA FRIENDLY STANDARDS.
RICK ABT
5349 HUGH HOWELL RD.
STONE MOUNTAIN, GA 30087
404-909-2736



RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563



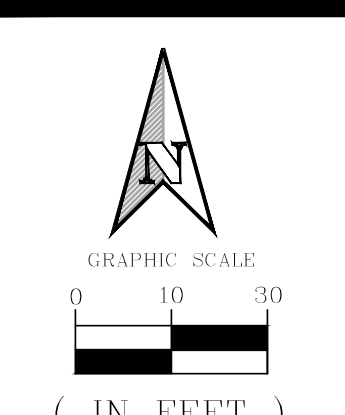
COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

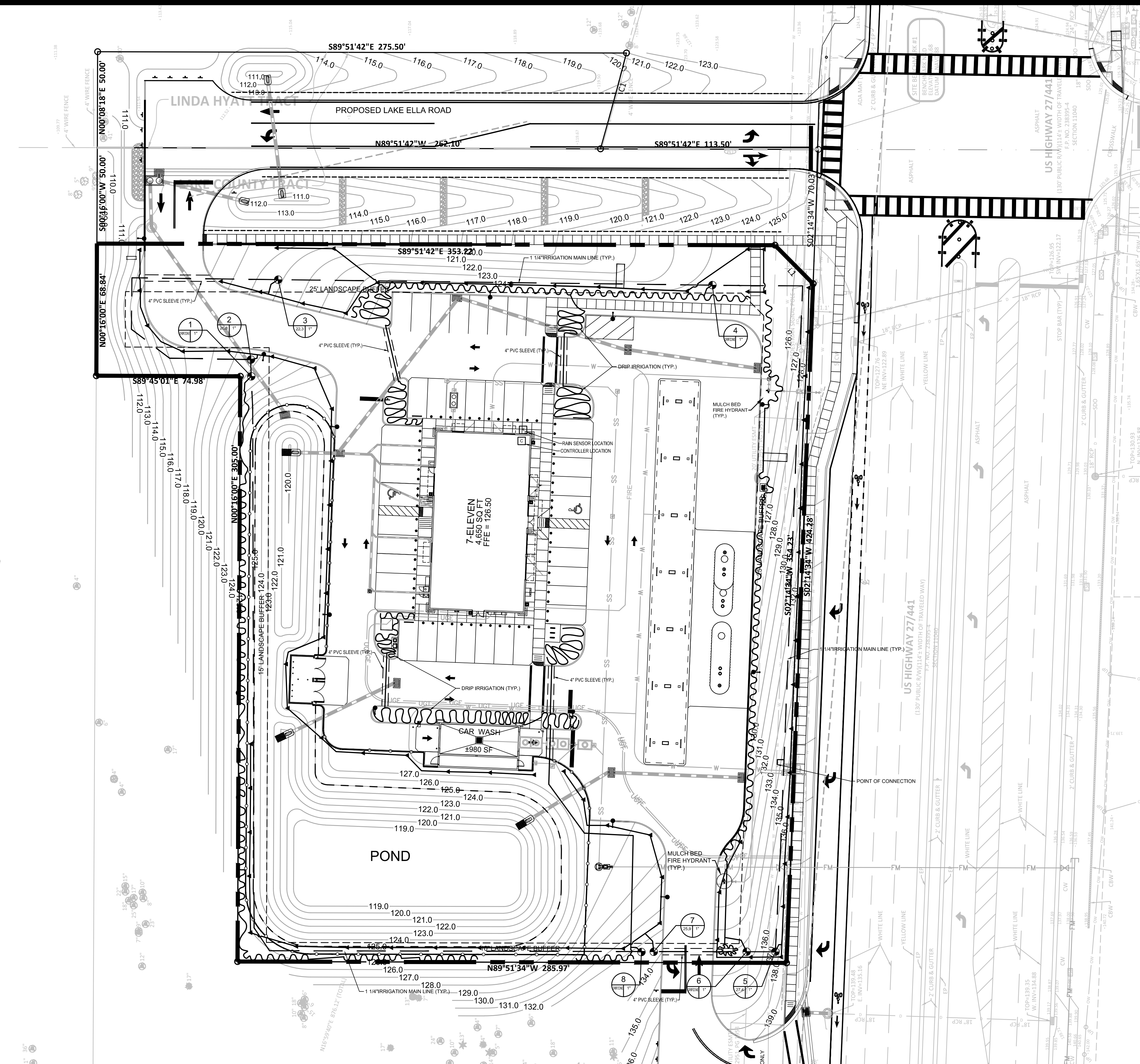
NO.	DATE	REVISION/ISSUE	BY:	CHK:	APP:
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB	
2	08/25/21	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB	
3	07/12/22	CITY OF FRUITLAND PARK COMMENTS	ROB	ROB	

ENGINEER'S NAME & PE#
RICK ABT
FLORIDA R.L.A. #1321

PROJECT # 221.056
DATE 01/28/2022 SHEET
SCALE C7.0
LANDSCAPE PLAN



1 inch = 30 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915' = NGVD29



IRRIGATION LEGEND

- FULL 6" POP-UP SPRAY HEAD 570-8-F
 - 1/4 6" POP-UP SPRAY HEAD 570-8-Q
 - 1/2 6" POP-UP SPRAY HEAD 570-8-H
 - 1/3 6" POP-UP SPRAY HEAD 570-8-T
 - 2/3 6" POP-UP SPRAY HEAD 570-8-TT
 - 3/4 6" POP-UP SPRAY HEAD 570-8-TQ
 - FULL 6" POP-UP SPRAY HEAD 570-15-F
 - 1/4 6" POP-UP SPRAY HEAD 570-15-Q
 - 1/2 6" POP-UP SPRAY HEAD 570-15-H
 - 1/3 6" POP-UP SPRAY HEAD 570-15-T
 - 2/3 6" POP-UP SPRAY HEAD 570-15-TT
 - 3/4 6" POP-UP SPRAY HEAD 570-15-TQ
 - CENTER STRIP SPRAY HEAD 570-4-CST
 - SIDE STRIP SPRAY HEAD 570-4-SST
 - END STRIP SPRAY HEAD 570-4-EST
 - DENOTES VARIABLE 6" POP-UP SPRAY HEAD IN 15' PATTERN 570-15-ADJ
 - DENOTES 4" POP-UP SPRAY HEAD OR ROTOR ON PVC RISER
 - ★ POP-UP STREAM ROTOR
 - 500 SERIES STREAM BUBBLER
 - TORO PLASTIC VALVE
- CLASS 200 PVC MAIN LINE
- CLASS 160 PVC LATERAL LINE
- PVC SLEEVE 4" IN DIAMETER
- PIPE CROSSOVER
- BACKFLOW PREVENTER
- IRRIGATION METER
- CONTROLLER LOCATION TORO MODEL # CC-P12
- RAIN SENSOR LOCATION
- VALVE ZONE NO.
- VALVE SIZE
- VALVE GPM

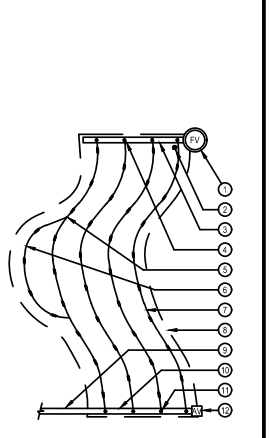
VALVES

- 254-06-03 3/4" VALVES
- 252-06-04 1" VALVES
- 252-25-06 1.5" VALVES

NOTE: MODEL NOS. SHOWN REFLECT TORO SPRINKLER HEADS.
ANY HEADS OF EQUAL QUALITY MAY BE USED WITH THE APPROVAL OF THE OWNER. CONTRACTOR TO SIZE ALL LATERAL LINES AND INSURE THE PERFORMANCE OF ALL HEADS.

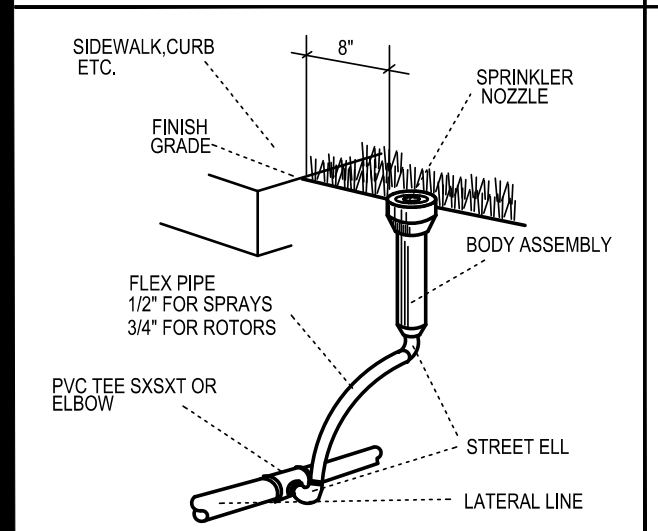
LEGEND

1. TORO PLASTIC VALVE
2. TORO PLASTIC VALVE
3. TORO PLASTIC VALVE
4. TORO PLASTIC VALVE
5. TORO PLASTIC VALVE
6. TORO PLASTIC VALVE
7. TORO PLASTIC VALVE
8. TORO PLASTIC VALVE
9. TORO PLASTIC VALVE
10. TORO PLASTIC VALVE
11. TORO PLASTIC VALVE
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18. TORO PLASTIC VALVE
19. TORO PLASTIC VALVE
20. TORO PLASTIC VALVE

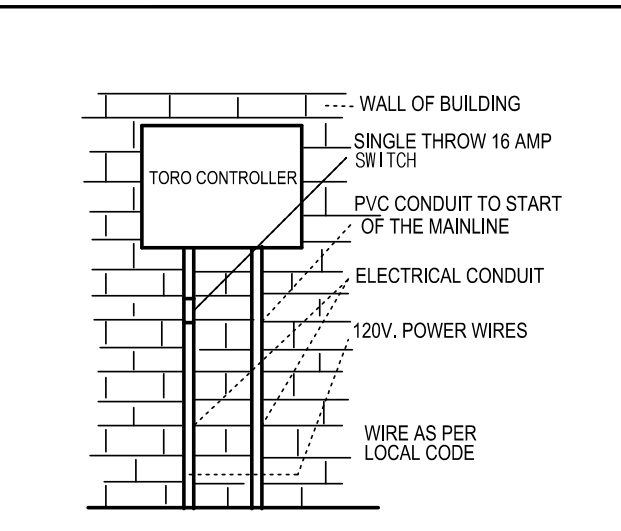


1 DRIP IRRIGATION DETAIL NTS

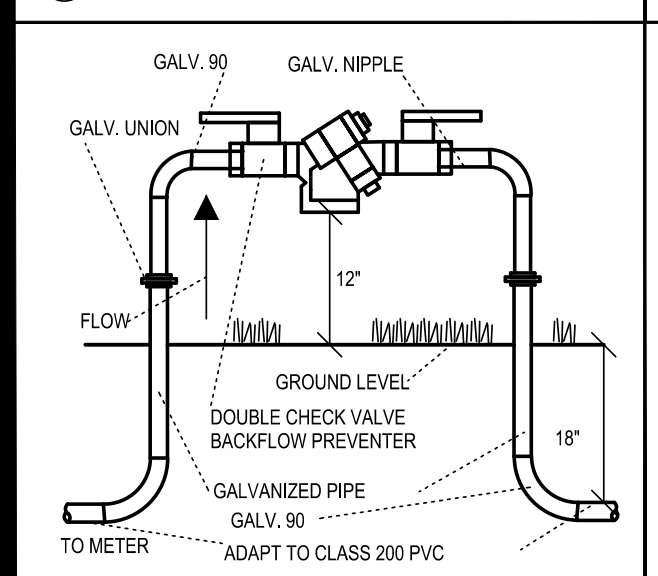
2 SHRUB RISER DETAIL NTS



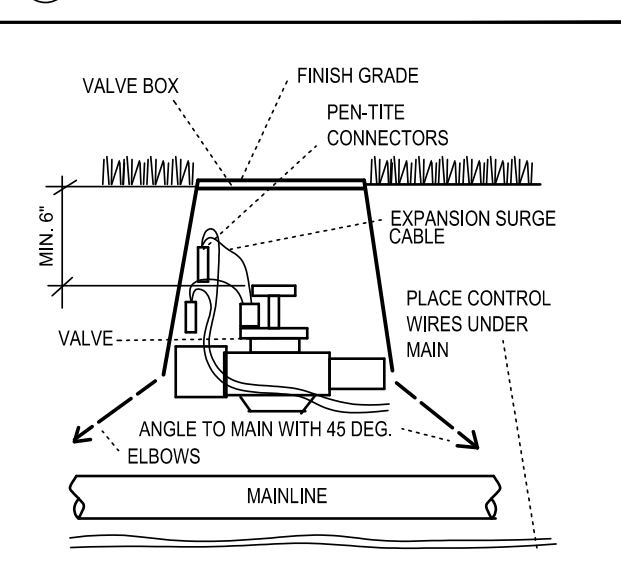
3 HEAD DETAIL NTS



4 CONTROLLER DETAIL NTS



5 BACKFLOW PREVENTER NTS



6 ELECTRIC VALVE DETAIL NTS

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NOTE: CONTRACTOR SHALL FIELD VERIFY UTILITY POINT OF CONNECTIONS LOCATION, ELEVATION AND TYPE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING FACILITIES.

IRRIGATION NOTES:
LANDSCAPE CONTRACTOR IS TO PROVIDE AN ENTIRE IRRIGATION SYSTEM WHICH PROVIDES 100% COVERAGE OF ALL PLANT AND GRASSED AREAS WITH HEAD TO HEAD SPACING OF SPRAY HEADS. PROVIDE ALL ITEMS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM TO INCLUDE, BUT NOT LIMITED TO CONTROLLER, VALVES, PIPING, HEADS, RISERS, BACKFLOW PREVENTER, METER, WIRING, ELECTRICAL SUPPLY. PROVIDE AS-BUILT DRAWINGS UPON COMPLETION AND PRIOR TO FINAL PAYMENT. PROVIDE A RAIN SENSOR IN A CONSPICUOUS LOCATION OPEN TO RAINFALL. COORDINATE ALL WORK AND SLEEVE LOCATIONS WITH GENERAL CONTRACTOR. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR OWNER/ARCHITECT REVIEW AND APPROVAL PRIOR TO INSTALLATION. LANDSCAPE CONTRACTOR IS TO PROVIDE AND INSTALL A SEPARATE WATER METER FOR IRRIGATION PURPOSES. LANDSCAPE CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED FOR THE INSTALLATION OF THE IRRIGATION SYSTEM.

BURIED UTILITIES NOTE

BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT SUNSHINE STATE ONE, 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

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7-ELEVEN
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FRUITLAND PARK, FL 34731

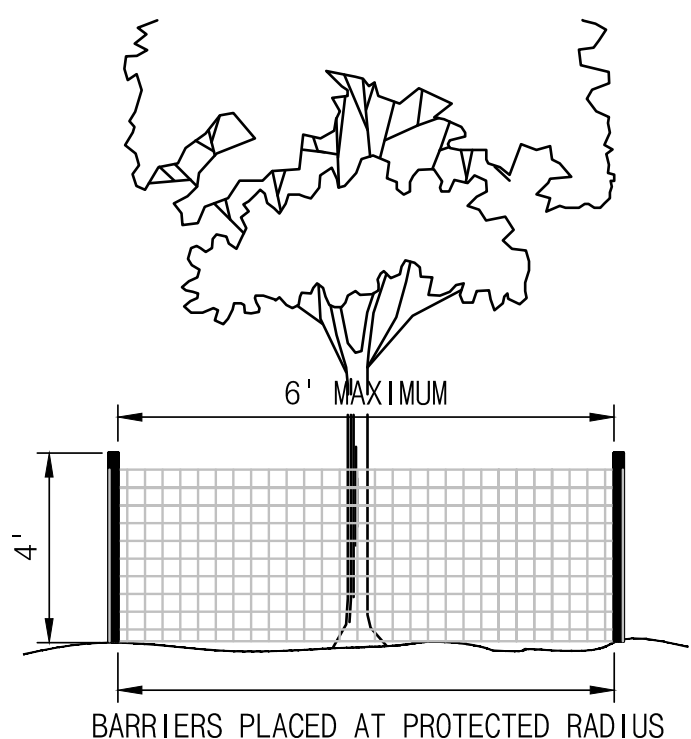
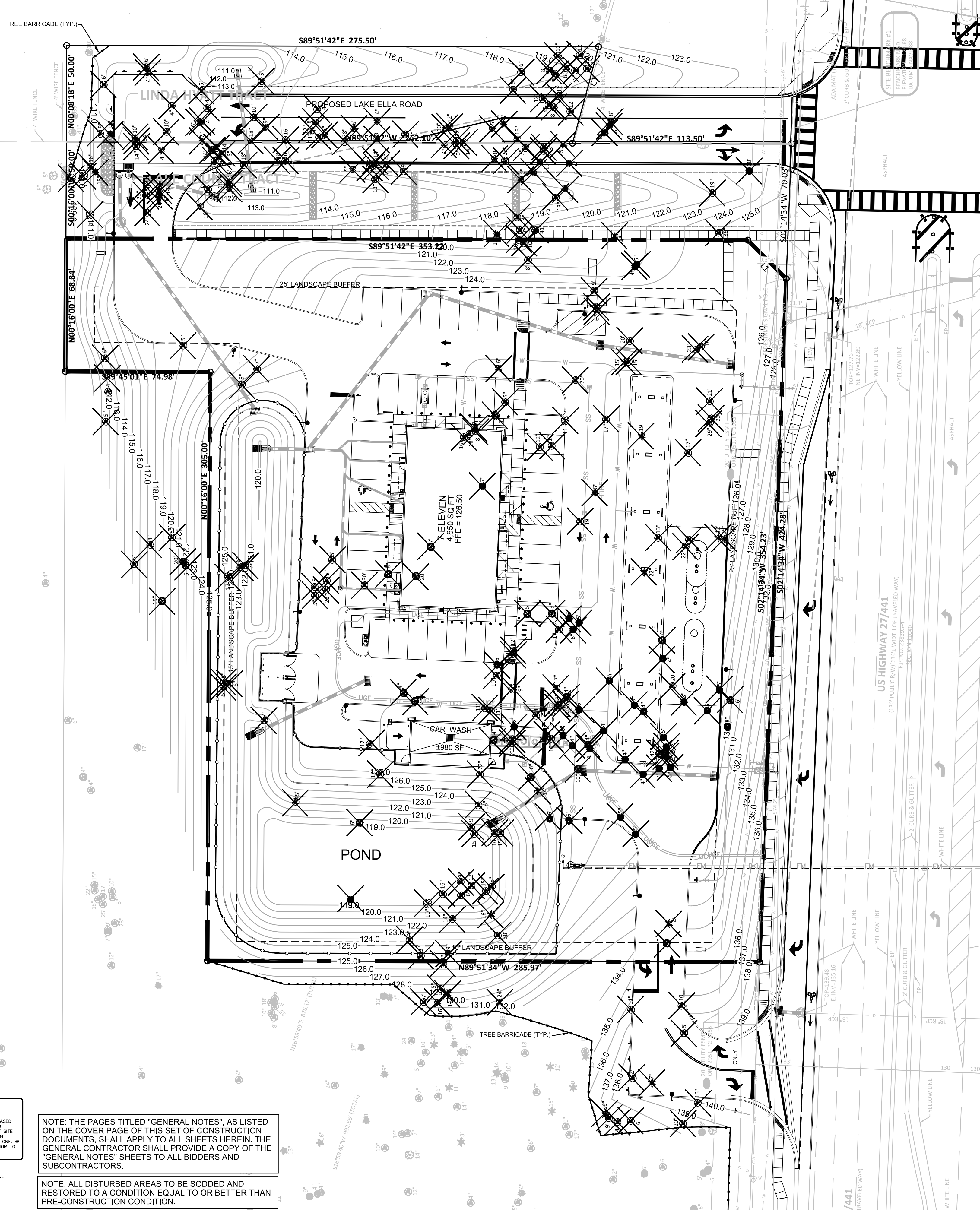
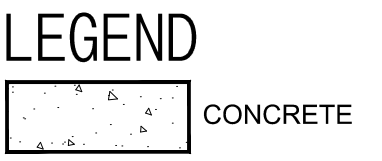
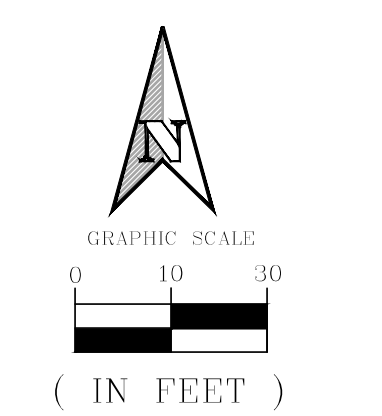
NO.	DATE	REVISION/ISSUE	BY	DATE	REVISION/ISSUE
1	08/11/21	CITY OF FRUITLAND PARK COMMENTS	RAB		
2	08/30/21	CITY OF FRUITLAND PARK RAIF	CS		

ENGINEER'S NAME & PE#
RICK ABT
FLORIDA RLA #1321

PROJECT # **221.056**

DATE 01/28/2022 SHEET
SCALE 1:30 **C7.1**

IRRIGATION PLAN



① TREE BARRIER DETAIL

EXISTING TREES TO BE REMOVED

TREE SIZE	TOTAL # OF TREES	TOTAL INCHES
6 INCH - OAK	17	102"
7 INCH - OAK	10	70"
8 INCH - OAK	10	80"
9 INCH - OAK	7	63"
10 INCH - OAK	9	90"
11 INCH - OAK	3	33"
12 INCH - OAK	9	108"
13 INCH - OAK	4	52"
14 INCH - OAK	6	84"
15 INCH - OAK	6	90"
16 INCH - OAK	7	112"
17 INCH - OAK	7	119"
18 INCH - OAK	4	72"
19 INCH - OAK	2	38"
20 INCH - OAK	4	80"
21 INCH - OAK	1	21"
22 INCH - OAK	4	88"
23 INCH - OAK	4	92"
24 INCH - OAK	3	72"
28 INCH - OAK	1	28"
29 INCH - OAK	1	29"
30 INCH - OAK	1	30"
31 INCH - OAK	1	31"
32 INCH - OAK	1	32"
34 INCH - OAK	1	34"
36 INCH - OAK	1	36"
38 INCH - OAK	1	38"
41 INCH - OAK	1	41"
45 INCH - OAK	1	45"
7 INCH - PINE	1	7"
9 INCH - PINE	1	9"
10 INCH - PINE	1	10"
12 INCH - PINE	1	12"
14 INCH - PINE	1	14"
15 INCH - PINE	2	30"
16 INCH - PINE	5	80"
19 INCH - PINE	1	19"
22 INCH - PINE	1	22"
7 INCH - CHAMPHOR	1	7"
8 INCH - CHAMPHOR	1	8"
10 INCH - CHAMPHOR	4	40"
11 INCH - CHAMPHOR	1	11"
18 INCH - CHAMPHOR	1	18"
6 INCH - CHERRY OAK	1	6"
7 INCH - CHERRY OAK	2	14"
9 INCH - CHERRY OAK	1	9"
10 INCH - CHERRY OAK	1	10"
11 INCH - CHERRY OAK	1	11"

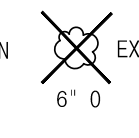
TOTAL TREES TO BE REMOVED = 153 2,115"

TREE PROTECTION NOTES

- DURING CONSTRUCTION, PROTECTIVE BARRIERS SHALL BE PLACED BY SITE CONTRACTOR TO PREVENT DESTRUCTION OF TREES WHICH ARE DESIGNATED TO REMAIN. PROTECTION BARRIERS SHALL BE ERECTED PRIOR TO CONSTRUCTION OF ANY KIND ON THE SITE.
- BARRIERS SHALL CONSIST OF PROTECTIVE WOODEN POSTS TWO (2) INCHES BY FOUR (4) INCHES OR LARGER PLANTED IN SUFFICIENT DEPTH TO BE STABLE WITH AT LEAST FOUR (4) FEET OF POST VISIBLE ABOVE THE GROUND. POSTS SHALL BE PLACED NO CLOSER THAN FIVE (5) FEET TO THE TRUNK UNLESS PROPOSED PAVING CONSTRUCTION WILL NOT PERMIT. POSTS SHALL BE NO FURTHER THAN SIX (6) FEET APART. REFER TO TREE PROTECTION BARRIER DETAIL. EACH SECTION SHALL BE LINKED TOGETHER WITH ORANGE POLYPROPYLENE NET FENCE MATERIAL.
- PROPOSED GRADES AROUND TREES TO REMAIN SHALL BE MAINTAINED TO WITHIN FOUR (4) INCHES OF THE EXISTING GRADE.
- THE CONTRACTOR SHALL FOLLOW TREE REMOVAL, TREE PROTECTION AND GENERAL PLANTING PRACTICES, AS DEFINED BY LOCAL JURISDICTION.
- PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS CONSTRUCTION IS COMPLETE AND ALL EQUIPMENT IS REMOVED FROM SITE.
- NO BUILDING MATERIALS SUCH AS MACHINERY OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN THE PROTECTIVE BARRIER ZONES.
- BARRIERS SHALL BE PLACED AT THE TREE CANOPY LINE EXCEPT ADJACENT TO THE PROPERTY CONSTRUCTION AREA WHERE IT MAY BE AT ONE HALF OF THE CANOPY DISTANCE ON ONE SIDE ONLY.



TREE PROTECTION BARRICADE LOCATION



EXISTING TREE TO BE REMOVED

NTS

TREE LEGEND

- CAMPOR
- CEDAR
- CHERRY LAUREL
- CHINABERRY
- CITRUS
- EAR
- MAGNOLIA
- MAPLE
- MULBERRY
- OAK
- PALM
- PINE
- UNIDENTIFIED

TREE MITIGATION:
TOTAL REMOVED TREES = 153 X .25 = 38 CANOPY
TREES REQUIRED, 59 CANOPY TREES PROPOSED.
REQUIREMENT MET.

NOTE:
LANDSCAPE PLAN CONFORMS TO
FLORIDA FRIENDLY STANDARDS.

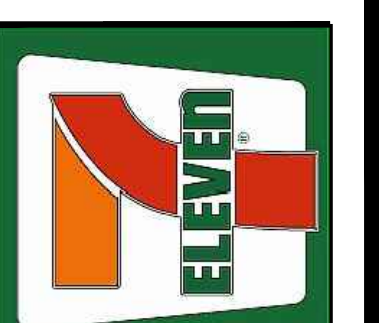
RICK ABT
5349 HUGH HOWELL RD.
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404-909-2736

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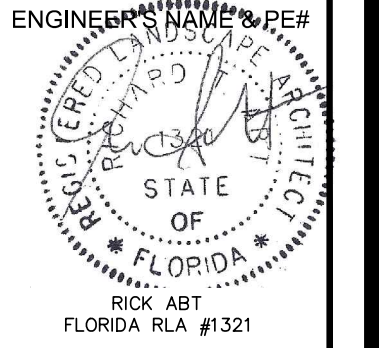
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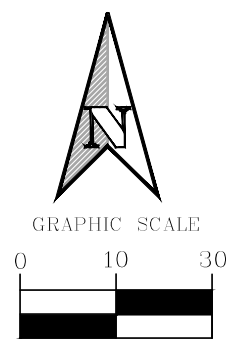
COMMON OAK ENGINEERING
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ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISIONS/ISSUE	BY:	DATE	REVISIONS/ISSUE	BY:
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS	RAB			CS
2	08/30/21	CITY OF FRUITLAND PARK RA#1	RAB			CS

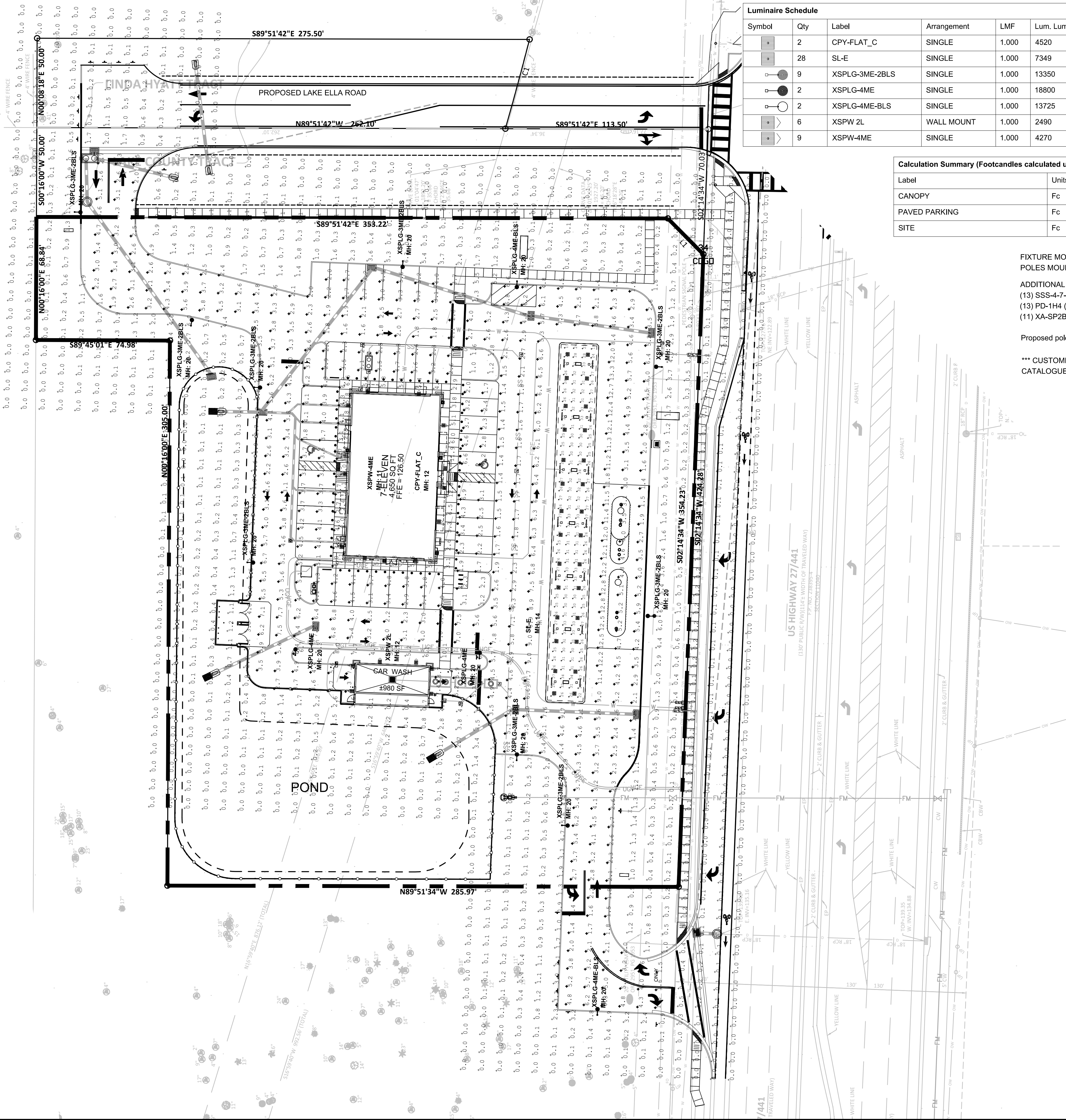


PROJECT # **221.056**
DATE **01/28/2022** SHEET
SCALE **C7.2**
TREE-PRESV PLAN



(IN FEET)

1 inch = 30 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NAVD88 + 0.915' = NGVD29



Luminaire Schedule

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
[Symbol]	2	CPY-FLAT_C	SINGLE	1.000	4520	31	CPY250-B-DM-F-C-UL-57K-BZ-HZ
[Symbol]	28	SL-E	SINGLE	1.000	7349	71	CAN-304-SL-RS-04-E-UL-WH-525
[Symbol]	9	XSPGL-3ME-2BLS	SINGLE	1.000	13350	135	XSPGL-D-HT-3ME-18L-57K7-UL-BZ-N w_XA-SP2BLS
[Symbol]	2	XSPGL-4ME	SINGLE	1.000	18800	135	XSPGL-D-HT-4ME-18L-57K7-UL-BZ-N
[Symbol]	2	XSPGL-4ME-BLS	SINGLE	1.000	13725	135	XSPGL-D-HT-4ME-18L-57K7-UL-BZ-N w_XA-SP2BLS
[Symbol]	6	XSPW 2L	WALL MOUNT	1.000	2490	19	XSPW-B-WM-3ME-4L-57K-UL-BZ
[Symbol]	9	XSPW-4ME	SINGLE	1.000	4270	31	XSPW-B-WM-4ME-4L-57K-UL-BZ

Calculation Summary (Footcandles calculated using predicted lumen values @ 50K hrs of operation)

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CANOPY	Fc	28.55	34	19	1.50	1.79
PAVED PARKING	Fc	4.23	13.3	1.4	3.02	9.50
SITE	Fc	0.70	12.8	0.0	N.A.	N.A.

FIXTURE MOUNTING HEIGHTS AS SHOWN
POLES MOUNTED ON 3' BASE..

ADDITIONAL EQUIPMENT:
(13) SSS-4-7-17-CW-BS-OT-N-BZ (17' X 4" STEEL SQUARE POLE, TENON MOUNT)
(13) PD-1H4 (SINGLE TENON)
(11) XA-SP2BLS (BACK LIGHT SHIELD)

Proposed poles meet 180MPH sustained winds.

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND
CATALOGUE NUMBER PRIOR TO PLACING ORDER ***

BOM: Complete Part Description

- 2- CPY250-B-DM-F-C-UL-BZ-HZ
- 28- CAN-304-SL-RS-04-E-UL-57K-WH-525
- 9- XSPW-B-WM-3ME-4L-57K-UL-BZ
- 9- XSPW-B-WM-3ME-2L-57K-UL-BZ
- 3- XSPGL-D-HT-3ME-18L-57K-UL-BZ-N
- 20- XSPGL-D-HT-4ME-18L-57K-UL-BZ-N
- 13- SSS-4-7-17-CW-BS-OT-N-BZ
- 11- PD-1H4
- 11- XA-SP2BLS

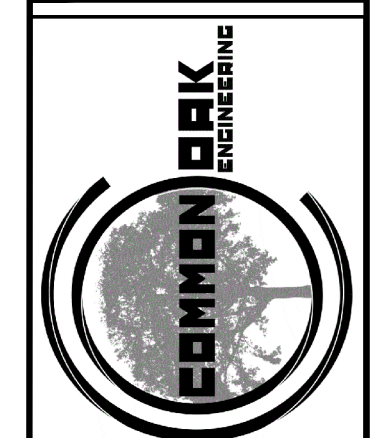
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ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**

DATE **01/28/2022** SHEET

SCALE **C8.0**

PHOTOMETRIC PLAN

EROSION AND SEDIMENT CONTROL NOTES

- 1. CLEARING AND GRUBBING OPERATIONS SHALL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND OFF-SITE SEDIMENTATION... 2. CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE REQUIREMENTS OR IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSIONS... 3. EXCAVATED MATERIAL WILL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF... 4. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE... 5. ALL GRASS SLOPES CONSTRUCTED STEEPER THAN 4H:1V SHALL BE SOODED IMMEDIATELY AFTER FINAL GRADE IS ESTABLISHED... 6. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED... 7. PERMANENT SOIL EROSION CONTROL MEASURES... 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DESIGNATE AN AREA WITHIN THE PROJECT LIMITS FOR CONCRETE TRUCK WASHOUT ACTIVITIES... 9. IN ADDITION TO THOSE RESPONSIBILITIES OUTLINED WITHIN THE CONSTRUCTION PLANS AND DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING MEASURES: A. PROJECT SCHEDULE WITH EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE TIED TO THE SPECIFIC DATES OR CONSTRUCTION ACTIVITIES... B. ALTERATIONS TO THE DESIGN EROSION AND SEDIMENT CONTROLS DUE TO DIFFERENCE BETWEEN THE DESIGN PLANS AND ANTICIPATED CONSTRUCTION PHASING AND THE CONTRACTOR'S CONSTRUCTION METHODS... C. NAME AND PHONE NUMBER OF CONTRACTOR'S REPRESENTATIVE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE ON A 24 HOUR BASIS... D. THE CONTRACTOR WILL FURNISH, INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE ALL NECESSARY EROSION CONTROL... E. THE DEVELOPMENT OF THE APPLICABLE BMPs TO ENSURE THE CONTROL OF OFF-SITE TRACKING/SPILLAGE, SANITARY WASTE, FERTILIZERS & PESTICIDES, SOLID WASTE DISPOSAL, AND NON-STORMWATER DISCHARGES & HAZARDOUS WASTE... F. INSPECT EROSION AND SEDIMENT CONTROLS WEEKLY OR IMMEDIATELY FOLLOWING A RAIN EVENT OF 1/2 INCH OR GREATER DURING CONSTRUCTION... 10. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS... 11. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO RECEIVING OUTFALL... 12. DE-WATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE WATER MANAGEMENT DISTRICT... 13. ALL DE-WATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED... 14. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND ANY GOVERNING JURISDICTIONS INQUIRES RELATIVE TO COMPLIANCE FOR EROSION AND SEDIMENTATION CONTROL... 15. ALL FILL SLOPES SHALL HAVE SILT FENCE AT THE TOP OF SLOPES... 16. ALL SLOPES STEEPER THEN 2.5:1 AND WITH A HEIGHT OF 10 FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLANKETS AND ACCORDING TO FLORIDA E.P.D. REQUIREMENTS... 17. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL, REFER TO THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (D.D.E.R.) CHAPTER 6.

PROTECTION OF SURFACE WATERS

- 1. WHERE APPROPRIATE OR WHEN REQUIRED BY STATE, FEDERAL OR LOCAL AGENCIES, DOWNSTREAM RECEIVING WATERS SHALL BE MONITORED THROUGHOUT CONSTRUCTION FOR TURBIDITY AND PH. A BACKGROUND SAMPLE SHALL BE TAKEN PRIOR TO COMMENCEMENT OF CONSTRUCTION... 2. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES, SWALES SHALL BE CONSTRUCTED AS SHOWN ON PLANS... 3. EXCAVATED MATERIAL WILL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF... 4. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY... A. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION... B. NEW AND EXISTING STORMWATER INLETS AND OUTFALL STRUCTURES SHALL BE PROTECTED DURING CONSTRUCTION... C. PERMITTER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE AND SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN ESTABLISHED... 5. 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... 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING BROAD DRIES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE, LUBRICANTS, OR OTHER CONTAMINANTS... 7. USE ABSORBENT FILTER PADS TO CLEAN UP SPILLS IMMEDIATELY AFTER ANY OCCURRENCE.

CONTROL OF FUGITIVE DUST AND WIND EROSION

- 1. THESE NOTES ARE PROVIDED TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, TO REDUCE ON AND OFF SITE DAMAGE AND HEALTH HAZARDS, AND TO IMPROVE TRAFFIC SAFETY ON THE CONSTRUCTION SITE... 2. THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF SITE DAMAGE IS LIKELY WITHOUT TREATMENT... 3. THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST: A. MULCHES - SEE STANDARDS FOR STABILIZATION WITH MULCHES ONLY... B. VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER, PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOG... C. SPRAY ON ADHESIVES (SEE CHART BELOW) - ON MINERAL SOILS (NOT EFFECTIVE ON CLAY SOILS) KEEP TRAFFIC OFF THESE AREAS.

Table with columns: MATERIAL, WATER DILUTION, TYPE OF NOZZLE, APPLY GALLONS/ACRE. Includes rows for ANIONIC ASPHALT EMULSION, LATEX EMULSION, RESIN IN WATER, POLYACRYLAMIDE (PAM) - SPRAY ON, POLYACRYLAMIDE (PAM) - DRY SPRAY, ACIDULATED SOY BEAN SOP STICK.

- 4. TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO SURFACE... 5. SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET... 6. BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURUP FENCES, CRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING... 7. CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FLOW THROUGH COMMONLY USED SPREADERS... 8. STONE - COVER SURFACES WITH CRUSHED STONE OR COARSE GRAVEL... 9. PREVENT THE GENERATION OF DUST IN PREFERENCE TO APPLYING DUST SUPPRESSION MEASURES... 10. THE SOIL SHALL BE MAINTAINED IN A SUFFICIENTLY DAMP CONDITION TO PREVENT LOOSE GRAINS OF SOIL FROM BECOMING DISLOOSED... 11. PAVE AND WATER HAIL ROADS. THE FREQUENCY OF WATERING WILL BE DETERMINED BY WEATHER CONDITIONS AND THE ERODIBILITY OF THE SOIL... 12. WATER AREAS OTHER THAN HAIL ROADS, IF THEY ARE A SOURCE OF DUST... 13. ENSURE THAT SMOOTH SURFACES ARE DEEP RIPPED AND LEFT ROUGH AND CLOUDY TO REDUCE THE WIND VELOCITY AT THE SOIL SURFACE... 14. CONSTRUCT WIND FENCES IF THIS IS APPROPRIATE FOR THE SITE... 15. USE BARRIERS WHERE REQUIRED TO PREVENT THE MIGRATION OF SAWDUST OR PARTICULATES FROM SANDING OR SURFACE PREPARATION ACTIVITIES DURING CONSTRUCTION... 16. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST.

- 12. AS REQUIRED AFTER COMPLETION OF CONSTRUCTION, BARE EARTH AREAS SHALL BE VEGETATED.

- 13. 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 FOR SUCH CONTROL SHALL BE EMPLOYED... POLLUTION PREVENTION NOTES: 1. OFF SITE SURFACE WATER DISCHARGES... 2. FUEL AND OTHER PETROLEUM PRODUCT SPILLS... 3. F CONTAMINATED SOIL OR GROUNDWATER IS DISCOVERED DURING DEVELOPMENT OF THE SITE... 4. PRIOR TO DEMOLITION OF EXISTING ON SITE STRUCTURES... 5. THE DISCHARGE OF GROUNDWATER PROCEEDED THROUGH DEWATERING... 6. EROSION AND SEDIMENT CONTROL BMPs: IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN... 7. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION... 8. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION... 9. BRUSH BARRIER: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS... 10. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED... 11. STOCKPIPING MATERIAL: STOCKPIPING MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE... 12. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS... 13. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF... 14. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS... 15. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 4:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8... 16. TEMPORARY GRASSING: THE SEEDED OR SOODED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED... 17. TEMPORARY REGRESSING: AFTER 14 DAYS FROM SEEDING... 18. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT... 19. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES... 20. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL AS A MINIMUM, BE SEEDDED... 21. STRUCTURAL PRACTICES: 1. TEMPORARY DIVERSION DIKE... 2. TEMPORARY SEDIMENT TRAP... 3. OUTLET PROTECTION... 4. SEDIMENT BASIN... EPA NOTES: 1. NO CONSTRUCTION MATERIAL SHALL BE DISCHARGED TO WATERS OF THE STATE... 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN... 3. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE... 4. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE FOLLOWING ITEMS TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION... 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT THE NOI TO FDP NO LESS THAN 48 HOURS PRIOR TO THE START OF CONSTRUCTION... 6. STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS... 7. LOADED HAIL TRUCKS SHALL BE COVERED WITH TARP/AULIN... 8. F CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION...

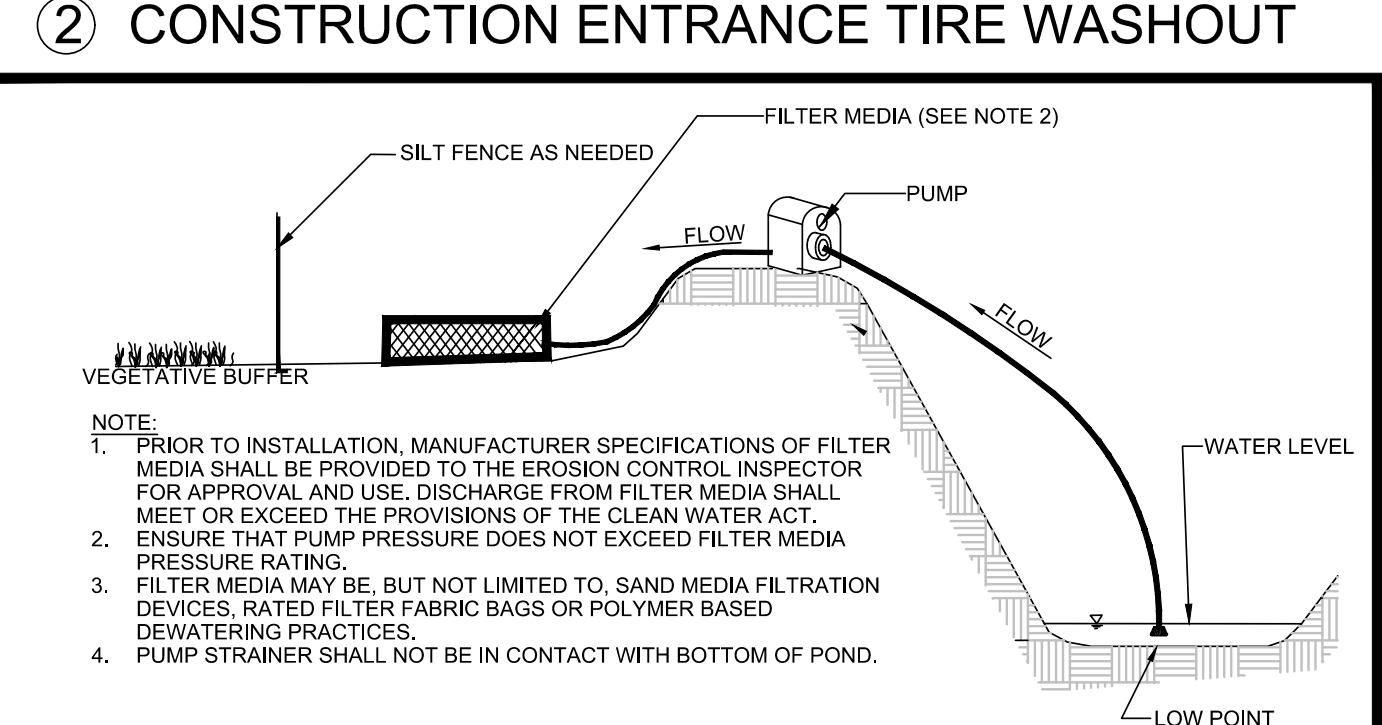
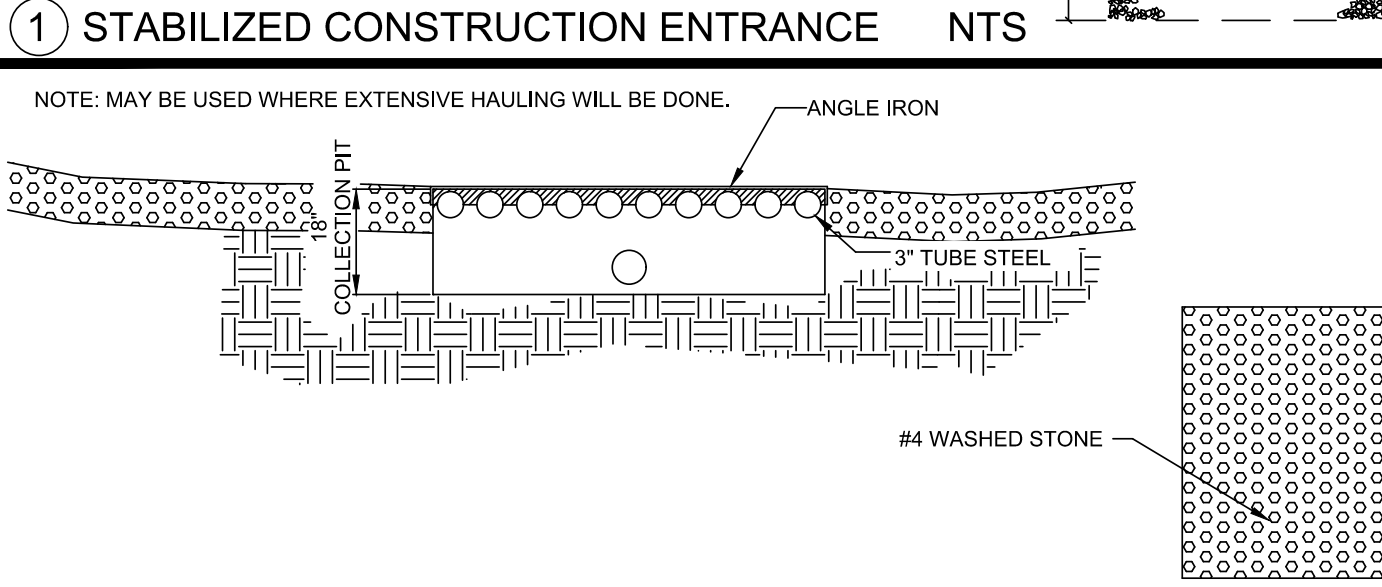
NOTICE TO GENERAL CONTRACTORS:

- 1. BMPs INCLUDING SILT FENCE INSTALLED IN PHASE 1 SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION HAS BEEN ACHIEVED... 2. PRIOR TO CONSTRUCTION, GC MUST CLEARLY DELINEATE AND MARK OFF AREAS IDENTIFIED IN THE S.W.P.P.P. OR IN THE FIELD TO CLEARLY BE PROTECTED (SUCH AS NATURAL BUFFERS, TREES, HABITATS OF ENDANGERED/THREATENED SPECIES, HISTORIC PROPERTIES ETC.)

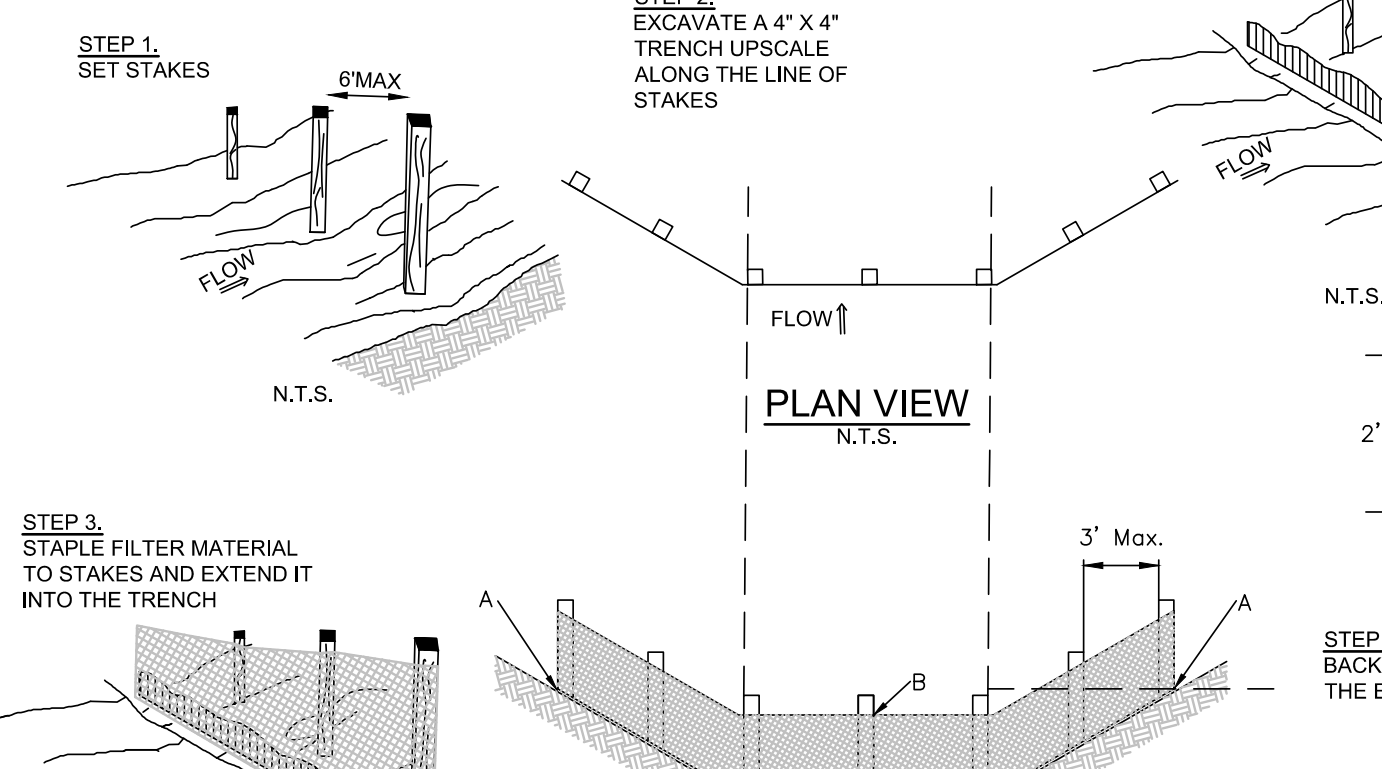
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. IN AN EFFORT TO ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS REGARDING EROSION AND TURBIDITY CONTROLS... D.E.P. DREDGE/FILL PERMIT: NA; C.O.E. DREDGE/FILL PERMIT: NA; WATER MANAGEMENT PERMIT: XXXXXXXXX

NOTES

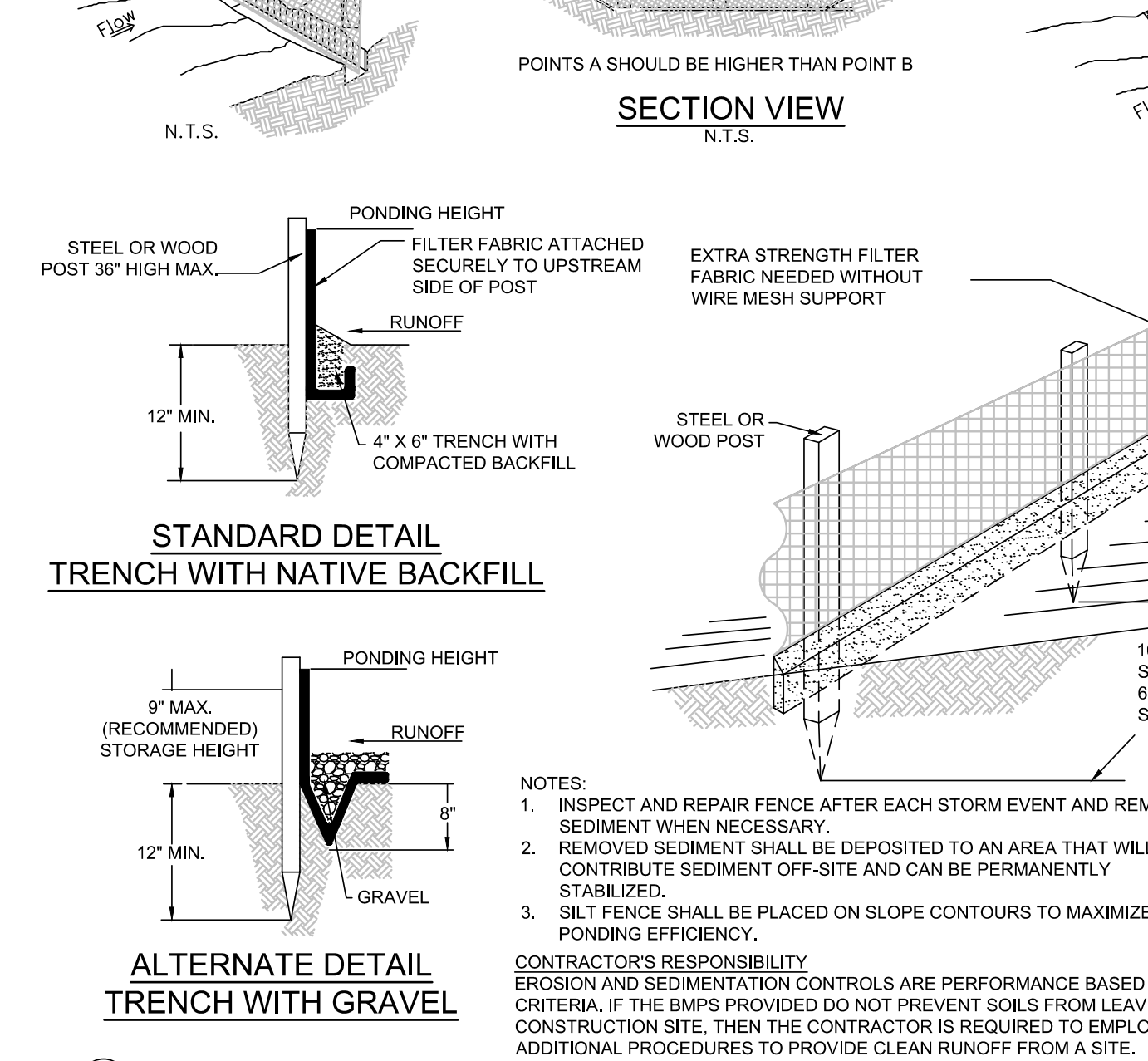
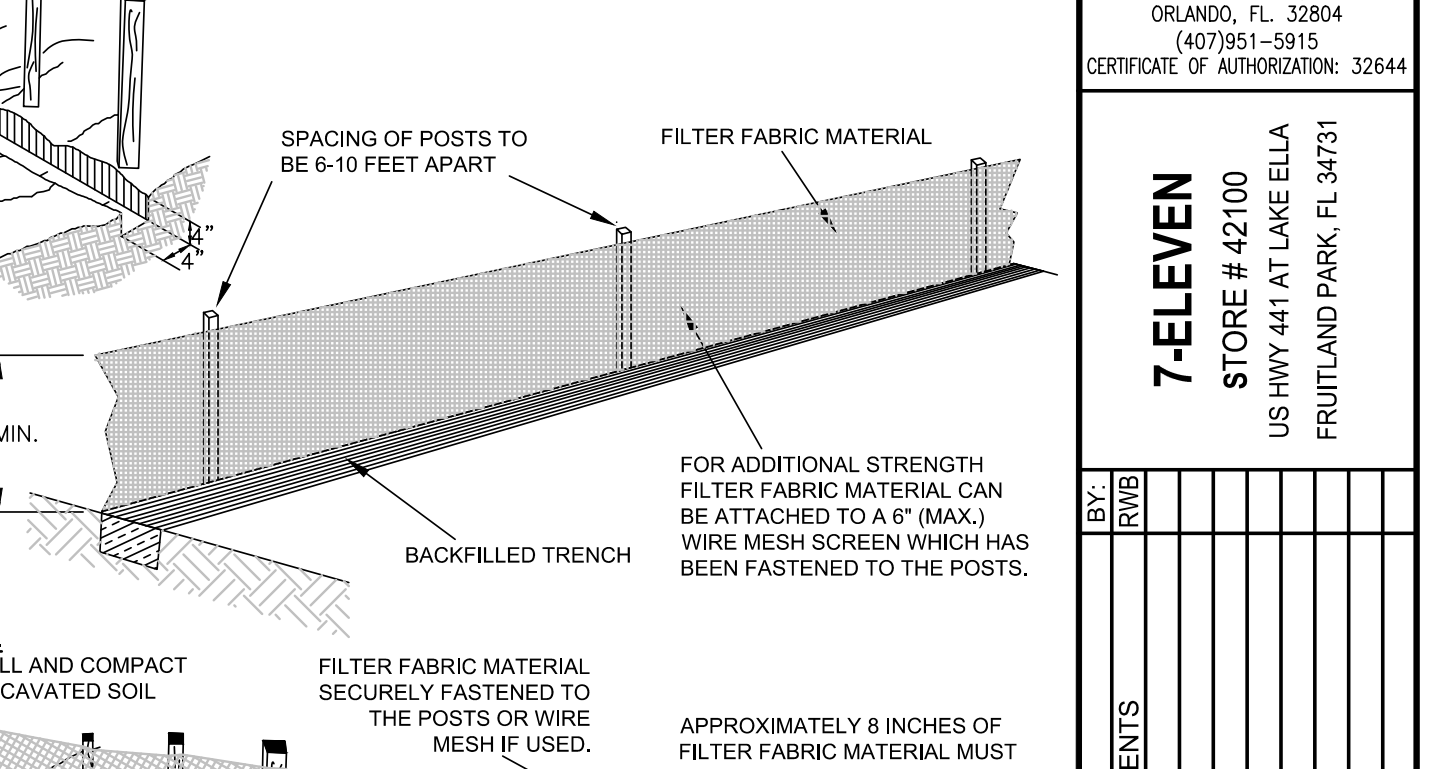
- 1. A STABILIZED ENTRANCE PAD OF #4 WASHED STONE AND RAILROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET... 2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE... 3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT... 4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY... 5. ANY AGGREGATE TRACKED INTO THE ROADWAY MUST BE SWEEPED BACK ON-SITE ON A NIGHTLY BASIS... 6. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET... 7. FOOT MAY REQUIRE A STANDARD COMMERCIAL DRIVEWAY TO ACCESS THE CONSTRUCTION SITE IF THE DRIVEWAY IS ON A THROUGHFARE.



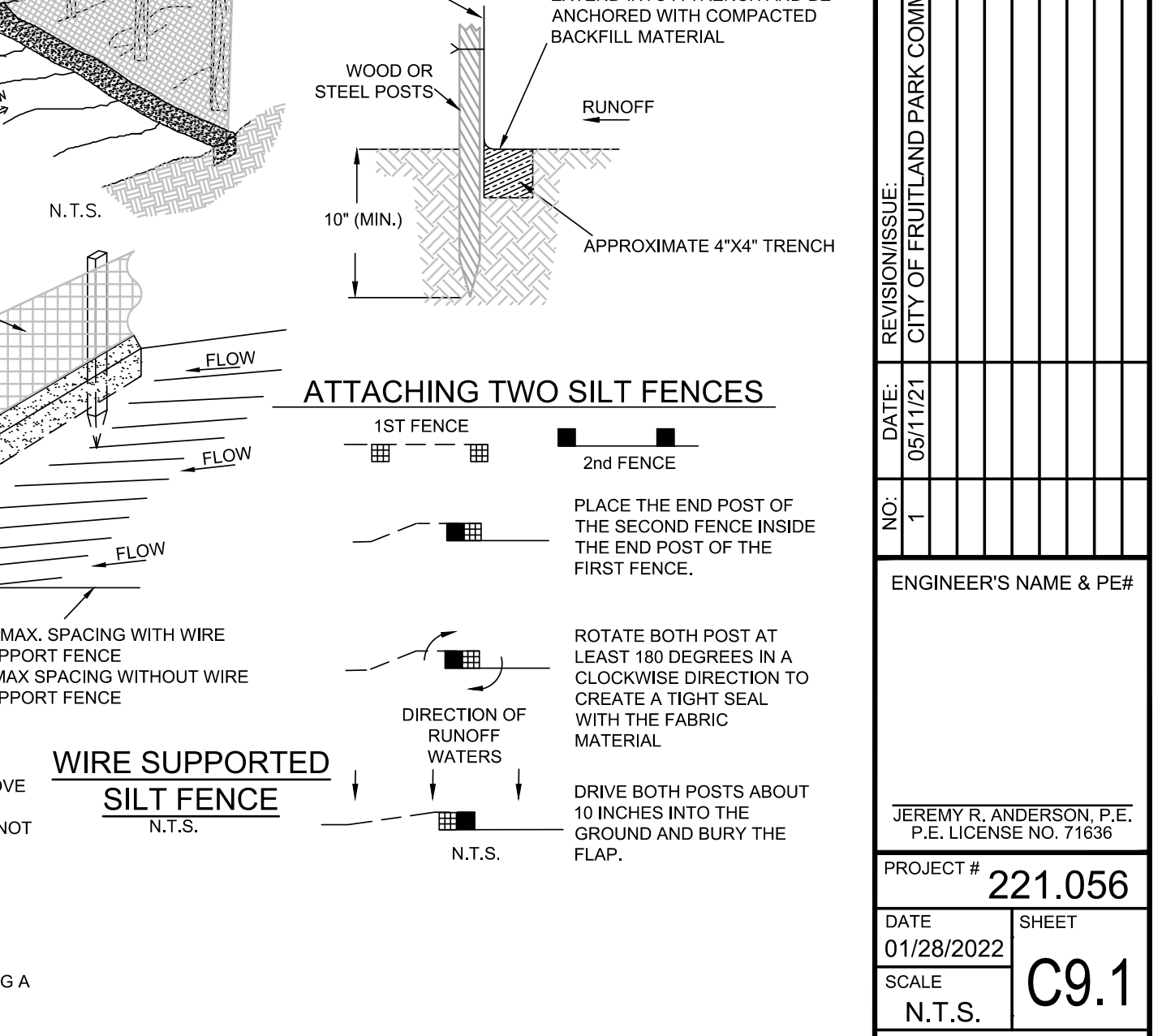
3 DEWATERING NTS



4 SYNTHETIC BALE & SILT FENCE NTS



5 SILT FENCE NTS



CONTRACTOR'S RESPONSIBILITY: EROSION AND SEDIMENTATION CONTROLS ARE PERFORMANCE BASED CRITERIA. IF THE BMPs PROVIDED DO NOT PREVENT SOILS FROM LEAVING A CONSTRUCTION SITE, THEN THE CONTRACTOR IS REQUIRED TO EMPLOY ADDITIONAL PROCEDURES TO PROVIDE CLEAN RUNOFF FROM A SITE.



RKM DEVELOPMENT CORP. 147 2ND AVE. SOUTH SUITE 400 ST. PETERSBURG, FL 33701 PHONE: (800) 966-7563

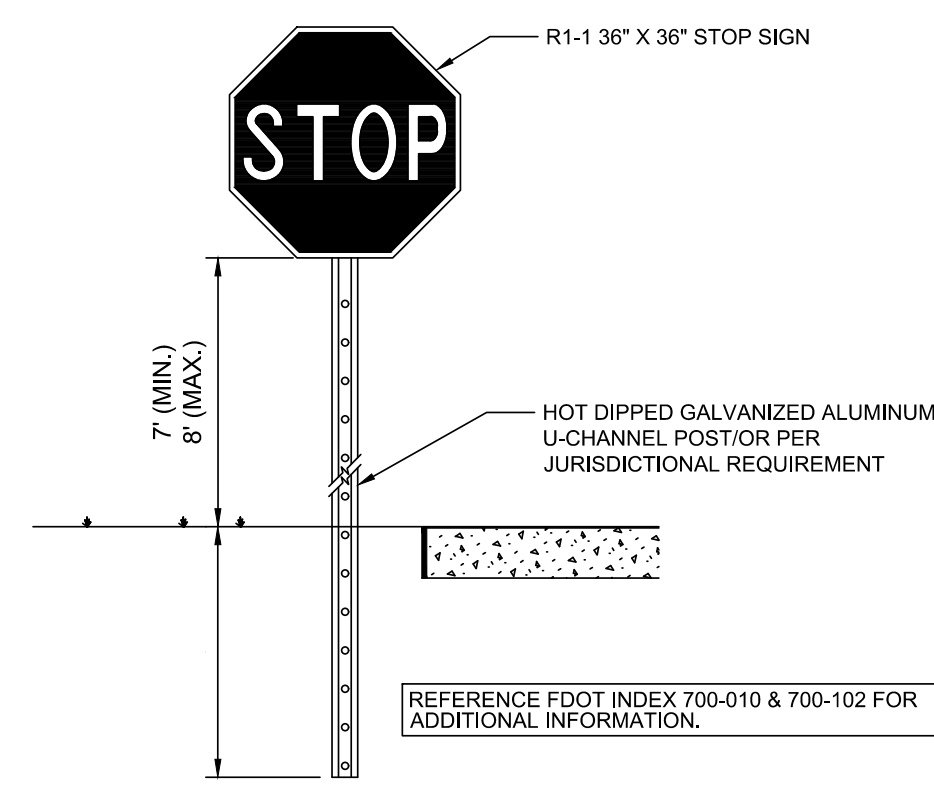


COMMON OK ENGINEERING 1209 EDGEWATER DRIVE, SUITE 100 ORLANDO, FL 32804 (407) 951-5915 CERTIFICATE OF AUTHORIZATION: 32644

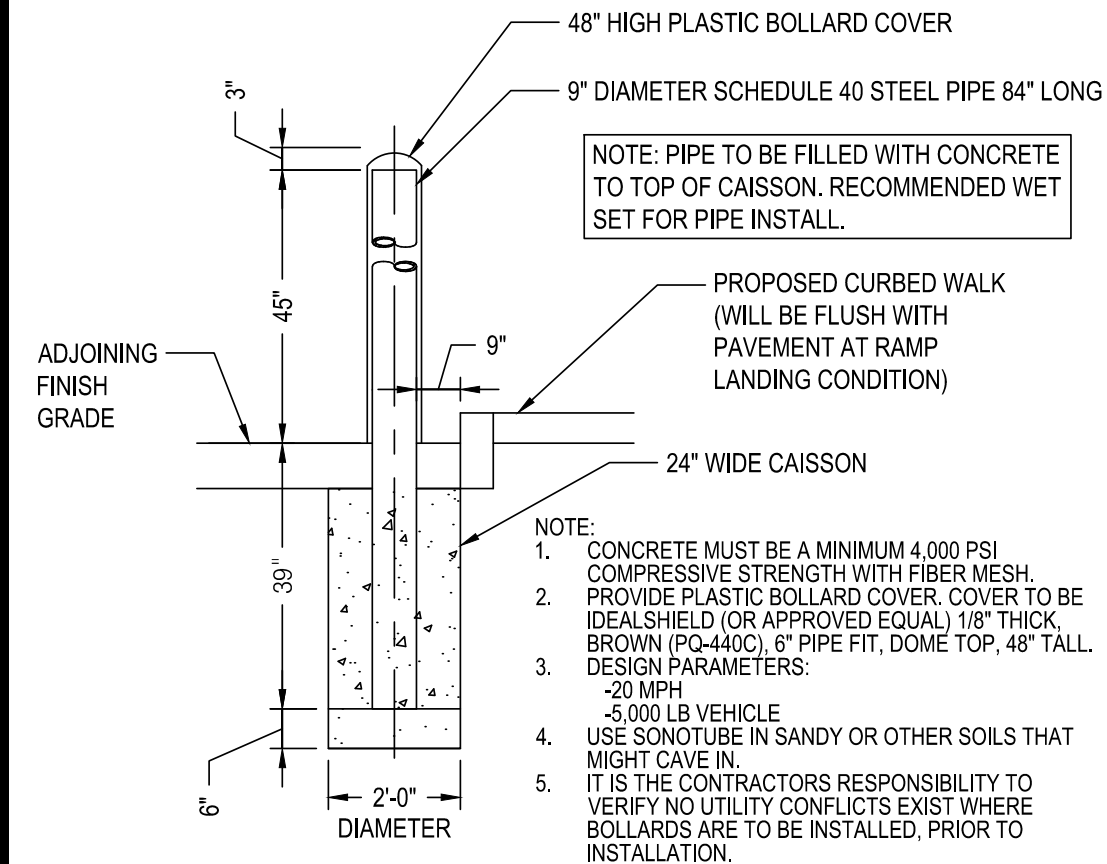
7-ELEVEN STORE # 42100 US HWY 441 AT LAKE ELLA FRUITLAND PARK, FL 34731

Table with columns: REVISIONS, DATE, CITY OF FRUITLAND PARK COMMENTS. Includes a row for revision 1 dated 09/11/21.

ENGINEER'S NAME & PE# JEREMY R. ANDERSON, P.E. PROJECT # 221.056 DATE 01/28/2022 SHEET SCALE N.T.S. EROSION CONTROL DETAILS



1 SITE SIGNAGE/POST NTS

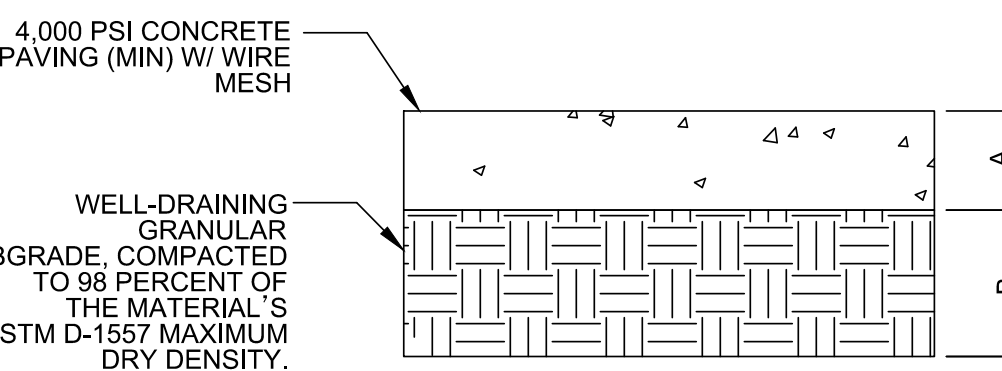


2 DEEP MOUNT BOLLARD (NEW PAVEMENT) NTS

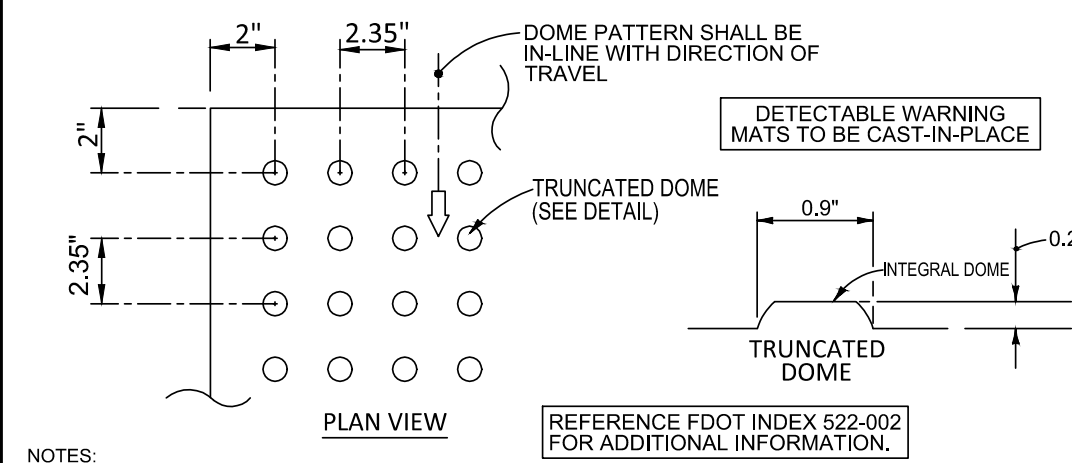
MINIMUM CONCRETE PAVEMENT THICKNESS*

CONCRETE SECTION	PARKING & CANOPY AREA	TANK MAT AREA
MIN THICKNESS (A)	6"	8"
STABILIZED SUBGRADE (B)	12" FOOT TYPE B, LBR MINIMUM=40	14" X 14"
MAXIMUM CONTROL JOINT SPACING	12' X 12'	14' X 14'
RECOMMENDED SAW CUT DEPTH (MIN)	2.00"	2.66"

*REFER TO GEOTECHNICAL REPORT

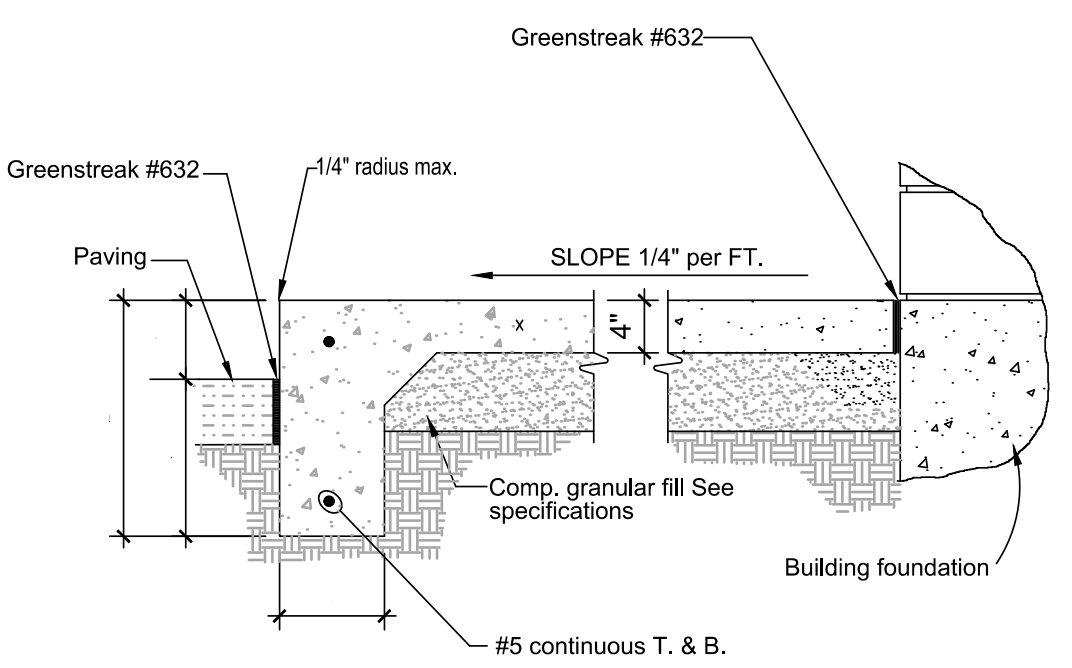


3 CONCRETE PAVING SECTION NTS

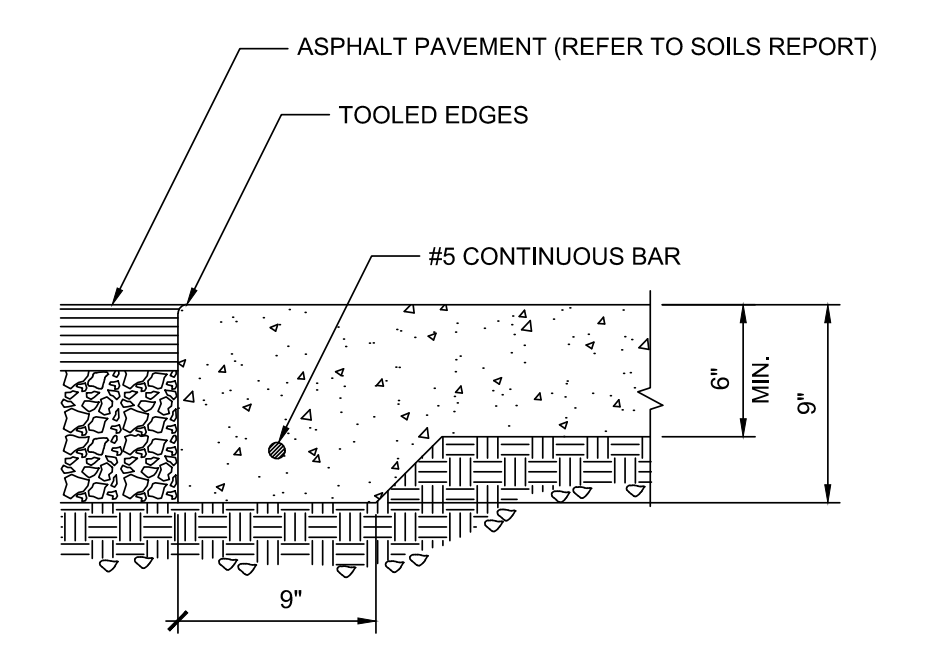


NOTES:
 1. RAMP RUNNING SLOPES SHALL NOT EXCEED A 1:12 SLOPE AND A 1:50 CROSS SLOPE.
 2. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED BY TEXTURING OR APPLYING A TRUNCATED DOME MATERIAL IN CONFORMANCE WITH THE U.S. DEPARTMENT OF JUSTICE A.D.A. STANDARDS FOR ACCESSIBLE DESIGN, A.D.A. ACCESSIBILITY GUIDELINES, SECTION 4.29.2.
 3. WHERE ADJACENT SURFACES ARE COLORED OR ARE CONSTRUCTED WITH MATERIALS OTHER THAN STANDARD CLASS 1 PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH SECTION 522 OF THE SPECIFICATIONS, THE PLAN MUST PROVIDE FOR DETECTABLE WARNING SURFACE COLORS OR MATERIALS THAT PROVIDE THE NECESSARY CONTRAST, EITHER DARK ON LIGHT OR LIGHT ON DARK. (SAFETY YELLOW OR BRICK RED)
 4. SIDEWALK SHALL BE CONSTRUCTED PER CURRENT FOOT DESIGN SPECIFICATIONS. DETECTABLE WARNING STRIPS, A.K.A. TRUNCATED DOMES, FOR DISTRICT SEVEN CONSTRUCTION AND MAINTENANCE SHOULD BE EITHER INSET CERAMIC TILES OR THERMOPLASTIC DETECTABLE WARNING STRIPS. THESE WARNING SURFACES SHALL ONLY BE PROVIDED BY THE FOLLOWING VENDORS/MANUFACTURERS:
 A) INLINE TRUNCATED DOME TILE SUPPLIED BY PROFESSIONAL PAVEMENT PRODUCTS.
 B) TOPMARK SUPPLIED BY FLINT TRADING.
 C) VANGUARD TRUNCATED DOME SUPPLIED BY VANGUARD.

4 TRUNCATED DOME NTS

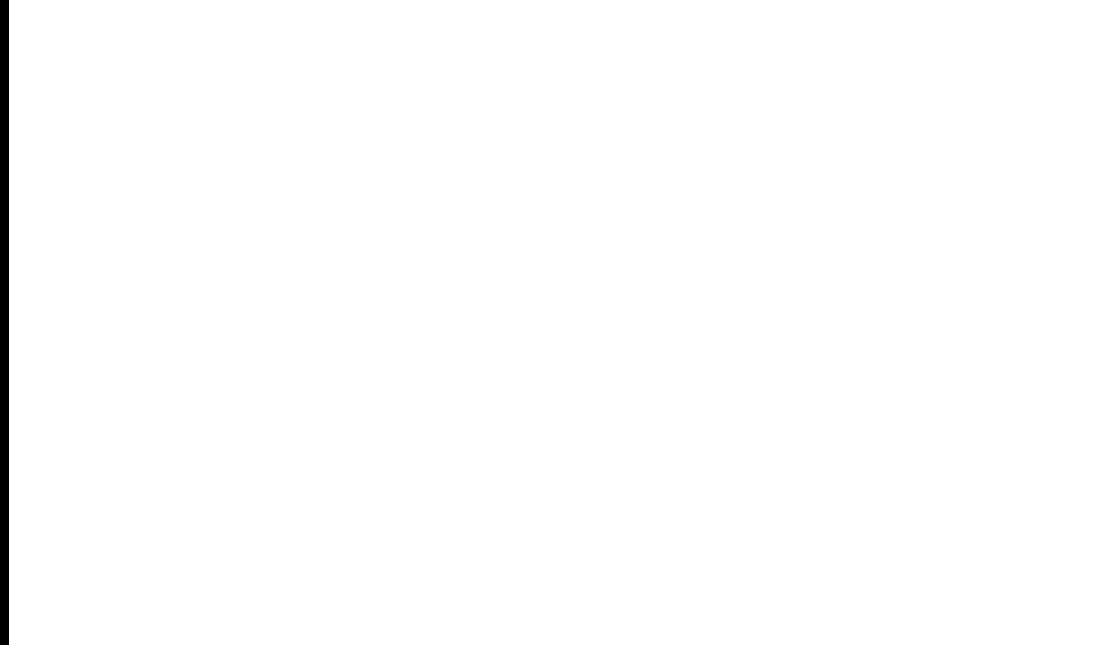


5 MONOLITHIC CURB & SIDEWALK NTS
 CONCRETE 28 DAY STRENGTH SHALL BE 3,000 PSI (MIN)



NOTES:
 A. CONTRACTOR SHALL REFER TO THE GEOMETRY AND GRADING PLANS FOR SPECIFICATIONS ON PAVEMENT SLOPE, LINEAR DIMENSIONS, AND CURB TEXT.
 B. ALL PAVEMENT SECTION (I.E. ASPHALT, BASE AND SUB BASE) MUST BE CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS FROM THE GEOTECHNICAL ENGINEER ON RECORD (I.E. PSI ENGINEERING CONSULTING AND TESTING, INC) AND ALL PAVEMENT REQUIREMENTS FROM THE LOCAL JURISDICTION.

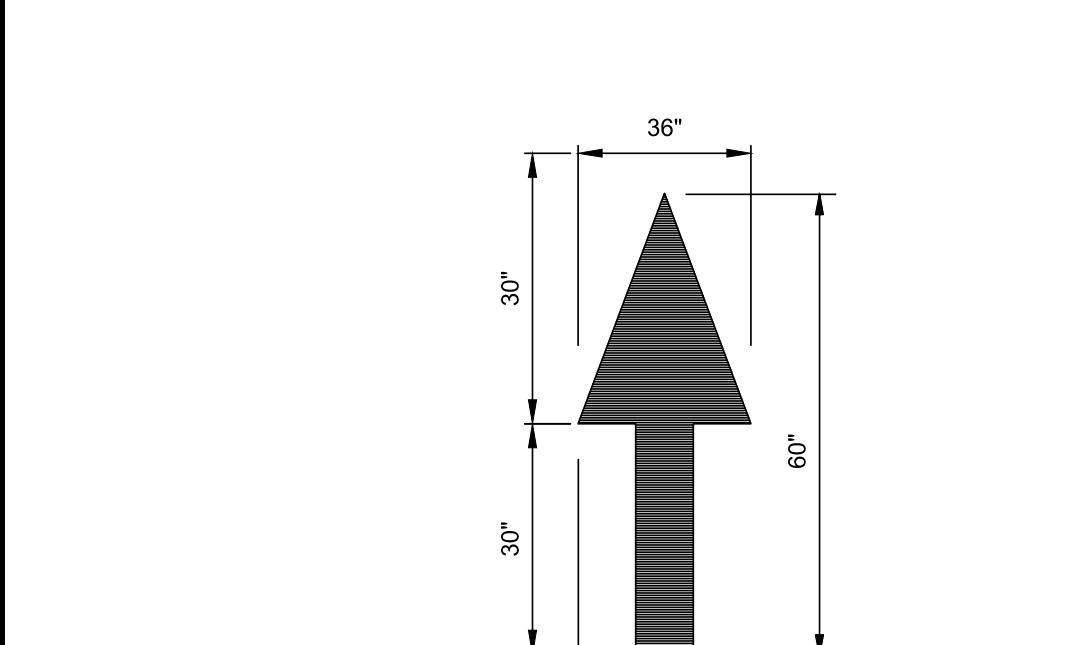
6 DUMPSTER APRON NTS



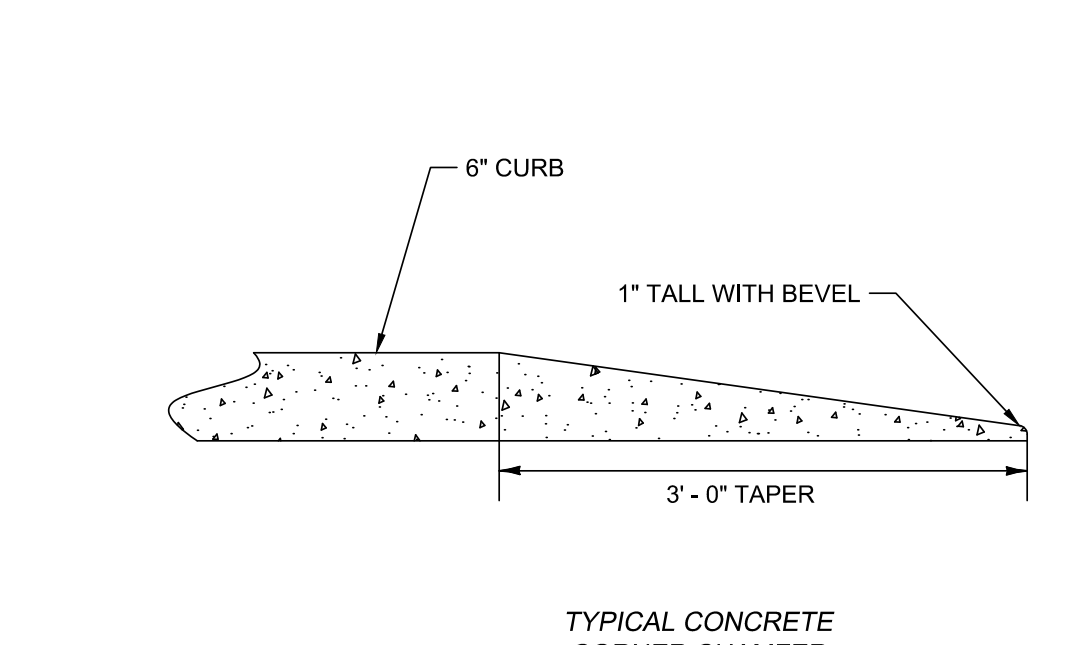
7 NOT USED



8 NOT USED



9 TYPICAL ONSITE ARROW NTS



13 6" VERTICAL CURB TAPER NTS
 CONCRETE 28 DAY STRENGTH SHALL BE 3,000 PSI (MIN)

PAVEMENT THICKNESS (MINIMUM)

	LAYER COMPONENT		
	SURFACE COURSE	BASE COURSE	STABILIZED SUBGRADE
LIGHT DUTY ASPHALT	1.5"	6.0"	12.0"
HEAVY DUTY ASPHALT*	2.0"	8.0"	12.0"

*WITH 3/4" FC-5 / TRAFFIC C FRICTION COURSE IN R-O-W

THICKNESS OF PAVEMENT LIFTS TO BE CONSTRUCTED PER FDOT SPECIFICATIONS. FINAL LIFT TO BE FDOT TYPE SP 9.5 ASPHALTIC CONCRETE. MATERIAL SHOULD MEET THE CURRENT FDOT STANDARD AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

EXTEND BASE 6" BEYOND FOR APPLICATIONS WITHOUT CURB & GUTTER, SIDEWALKS, BUILDINGS OR OTHER STRUCTURES.

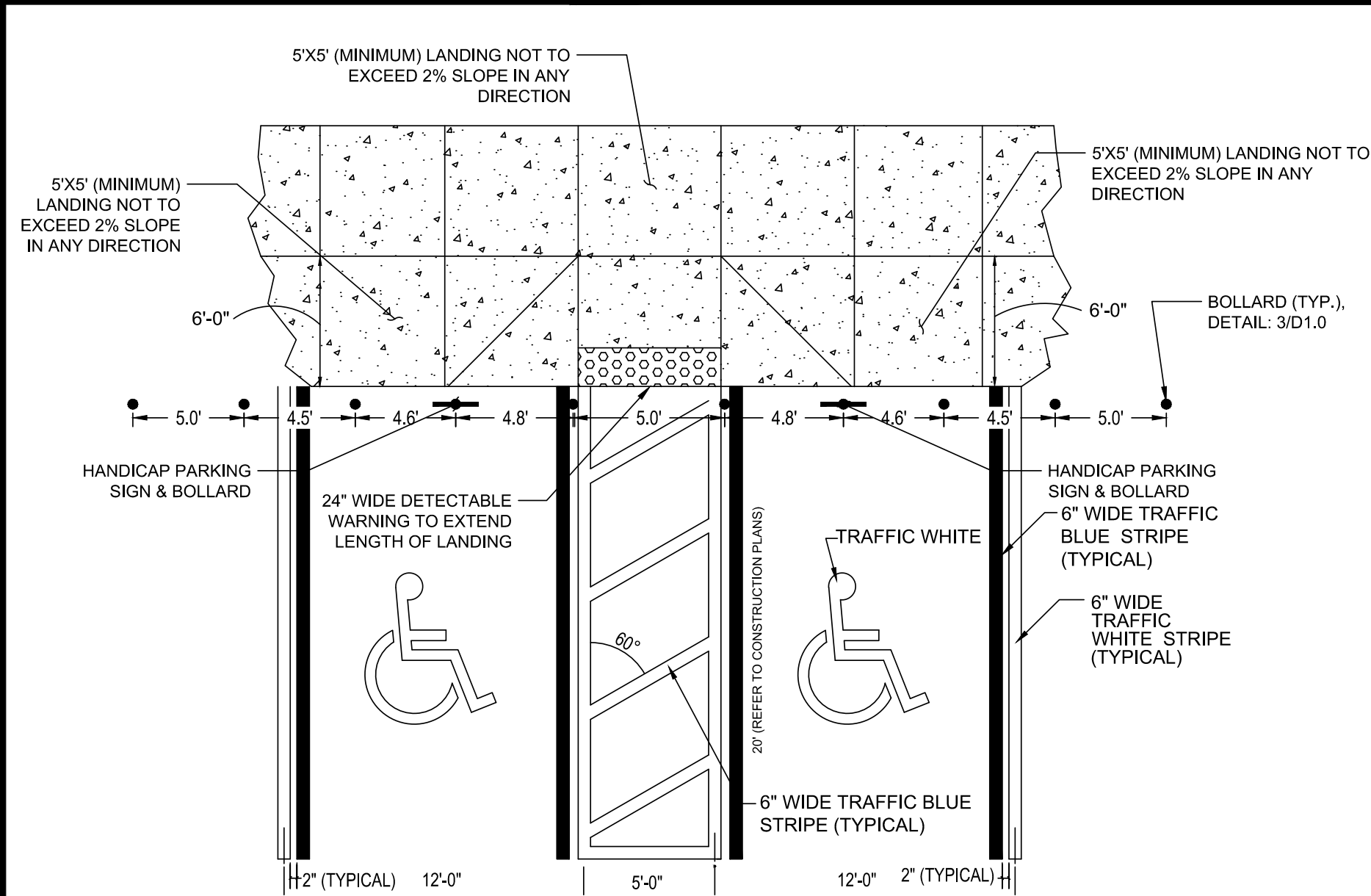
APPLY PRIME COAT AS SPECIFIED IN APPLICABLE DOT SPECIFICATION, AT AN APPLICATION RATE OF 0.25 - 0.28 GAL./SYD.

LIMEROCK OR CRUSHED CONCRETE BASE COURSE STABILIZED TO A MINIMUM LIMEROCK BEARING RATIO (LBR) OF 100 OR SOIL CEMENT (350 PSI DESIGN OR EQUIVALENT). MATERIAL SHOULD MEET FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) REQUIREMENTS.

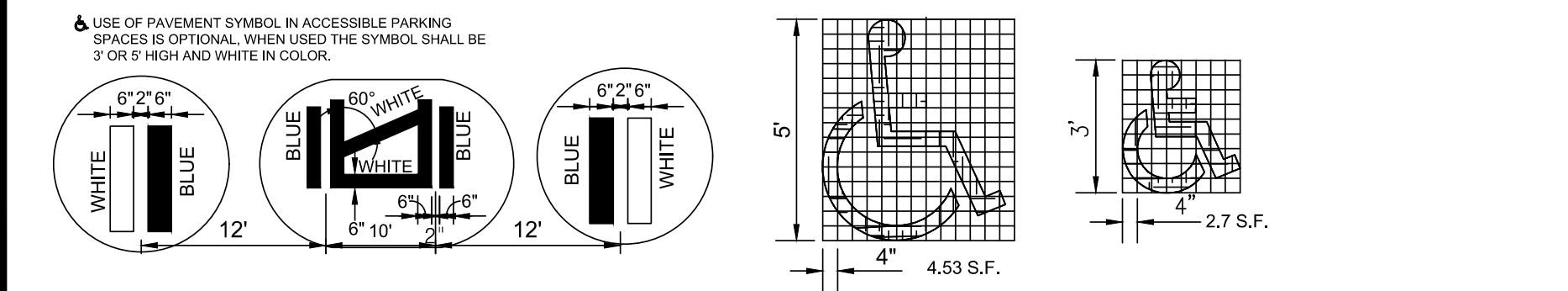
REMOVAL & REPLACEMENT OF UNSUITABLE SUBGRADE MATERIAL AS SPECIFIED IN THE GEOTECHNICAL REPORT.

STABILIZED SUBGRADE WITH A MINIMUM LIME ROCK BEARING RATIO (LBR) OF 40 COMPACTED TO AT LEAST 98% OF THE MATERIAL'S ASTM D-1557

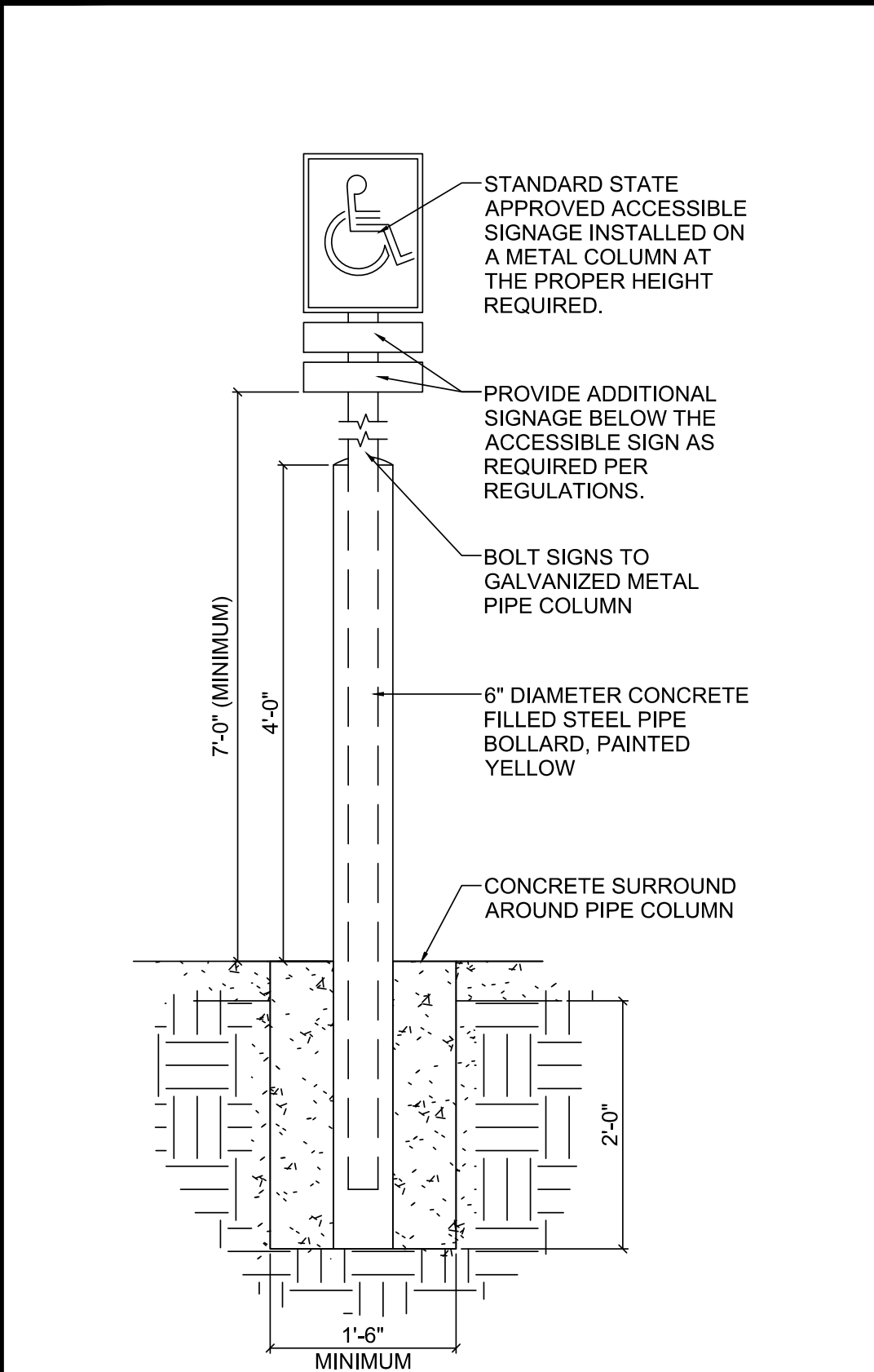
10 ASPHALT PAVING SECTION NTS



HANDICAP NOTES:
 HANDICAP ZONE FINISHED GRADES OF PAVEMENT (WITHIN HANDICAP AREA AND ACCESSIBLE ROUTE) SHALL NOT EXCEED 1:50 IN ANY DIRECTION.
 HANDICAP STRIPING SHALL CONFORM TO THE LATEST FDOT SPECIFICATIONS.
 ALL HANDICAPPED RAMP AND ACCESS AISLES SHALL MEET ALL CODES AND ADA REGULATIONS.



11 HANDICAP STRIPING NTS
 CONCRETE 28 DAY STRENGTH SHALL BE 3,000 PSI (MIN)



12 HANDICAP PARKING SIGN NTS
 CONCRETE 28 DAY STRENGTH SHALL BE 3,000 PSI (MIN)

HANDICAP SIGN NOTES:
 ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
 ONE SIGN REQUIRED FOR EACH PARKING SPACE.
 INSTALLED SIGN HEIGHT SHALL BE CONFORMANCE WITH SECTION 24-23 OF MUTCD.
 SIGN MAY BE MOUNTED ON BUILDING OR WALL AT PROPER HEIGHT, IF NECESSARY, AND ALIGNED WITHIN 12" OF CENTER OF HANDICAP PARKING SPACE.

14 "DO NOT ENTER" SIGN (R5-1) NTS



DO NOT ENTER (R5-1)



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
 PHONE: (800) 966-7563



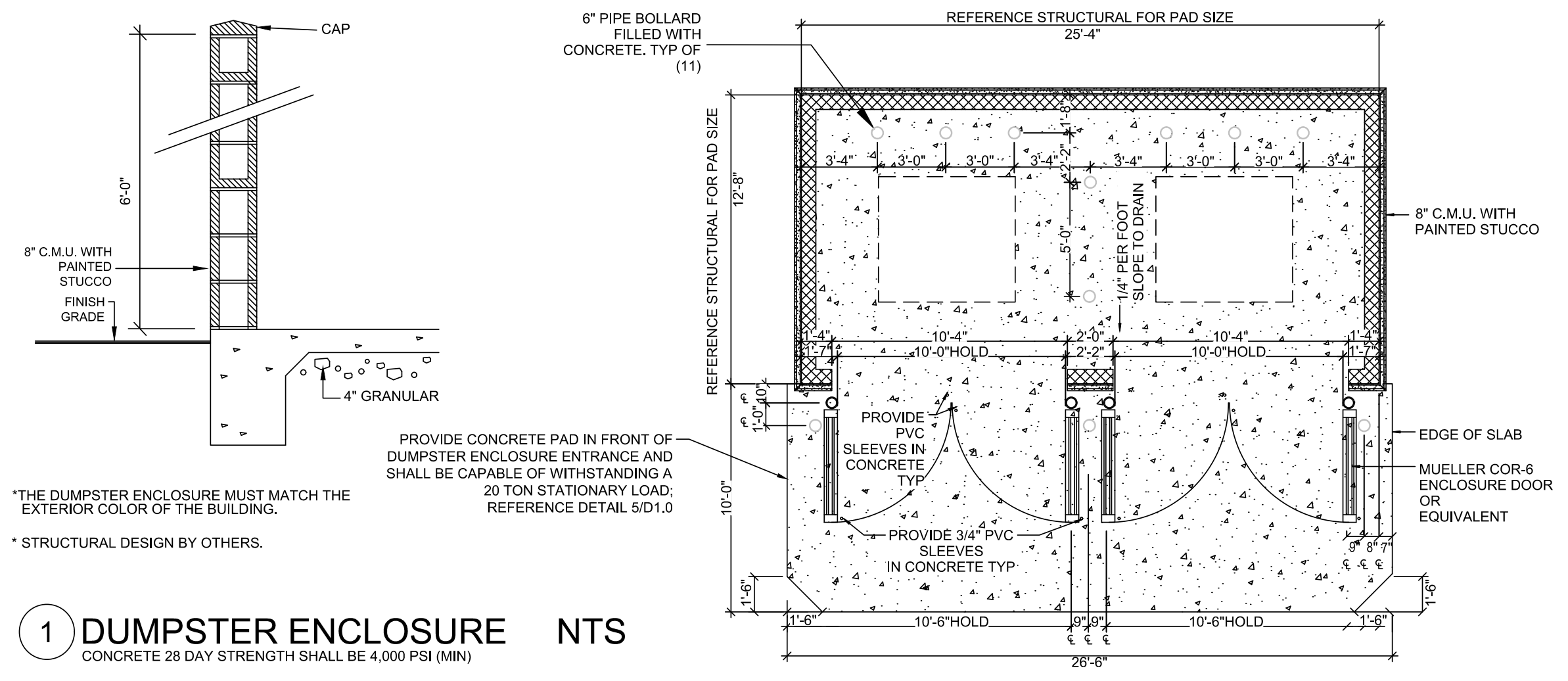
COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407) 951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	CHKD	APP'D	COMMENTS
1	08/10/21	CITY OF FRUITLAND PARK COMMENTS	JE			
2	08/30/21	FOOT COMMENTS	JE			

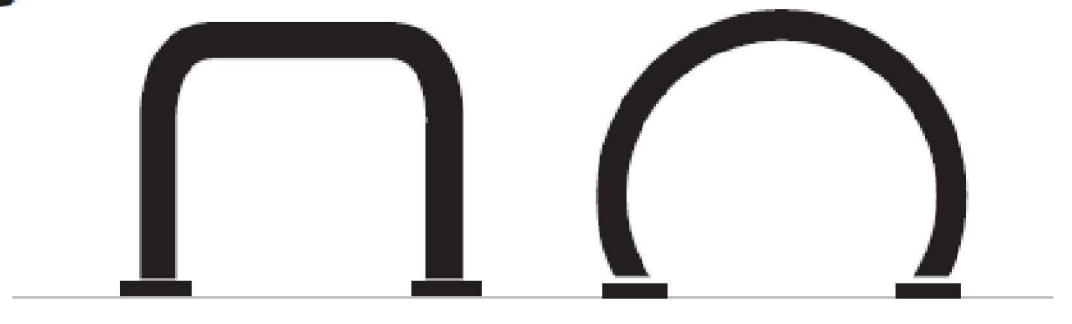
ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **N.T.S.** **D1.0**
 SITE PLAN DETAILS

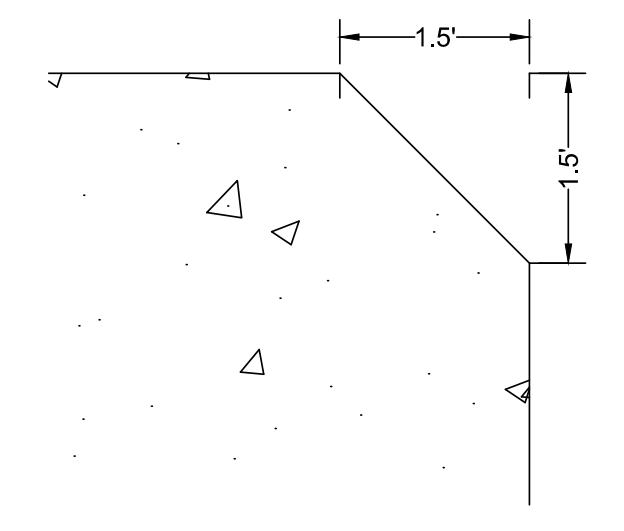


1 DUMPSTER ENCLOSURE NTS
 CONCRETE 28 DAY STRENGTH SHALL BE 4,000 PSI (MIN)

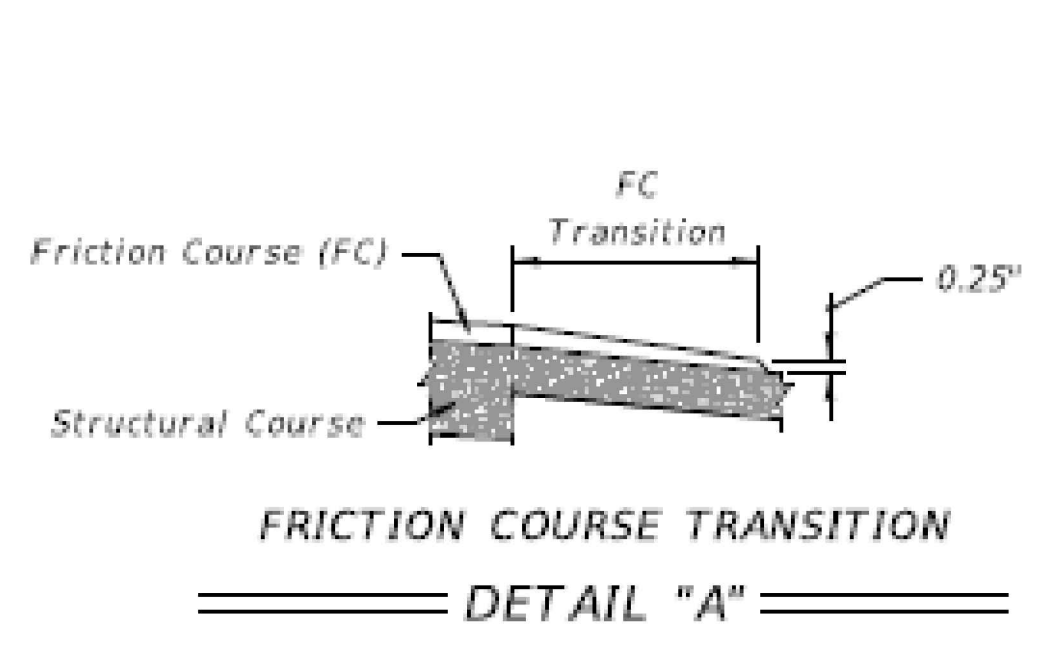
INVERTED U
 also called
 staple, loop



2 BIKE RACK NTS

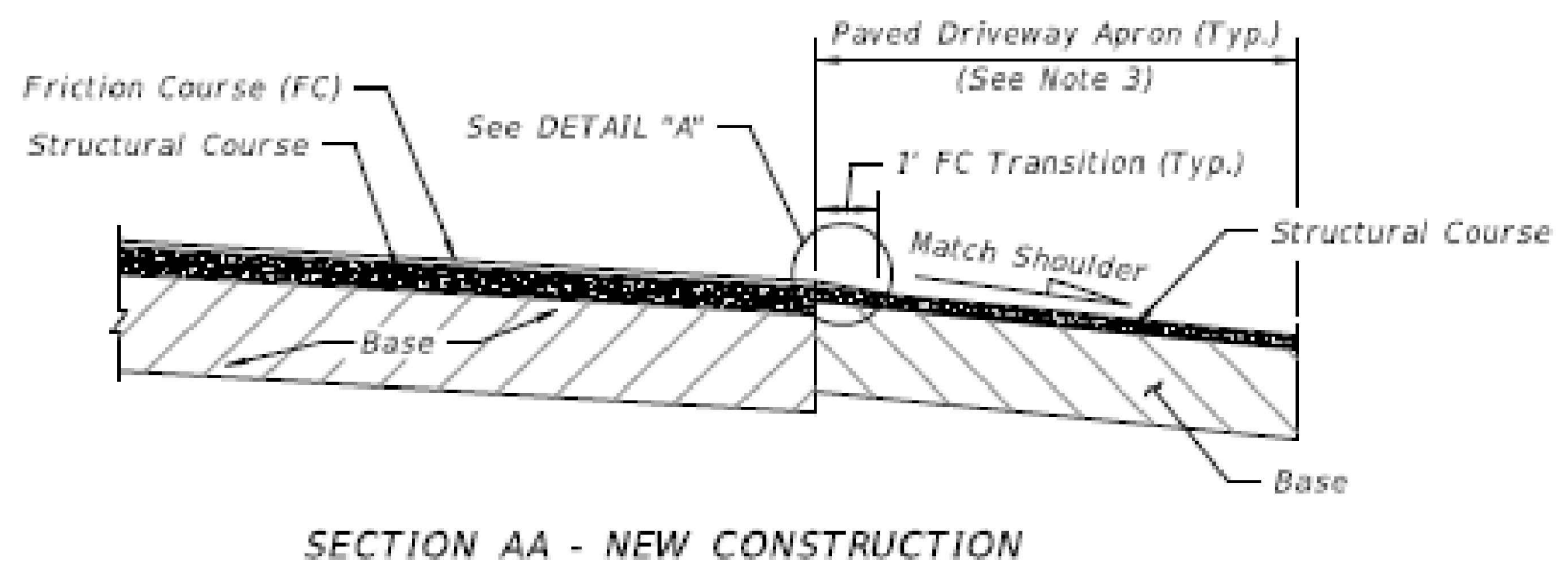


3 TYPICAL CONCRETE CHAMFER NTS

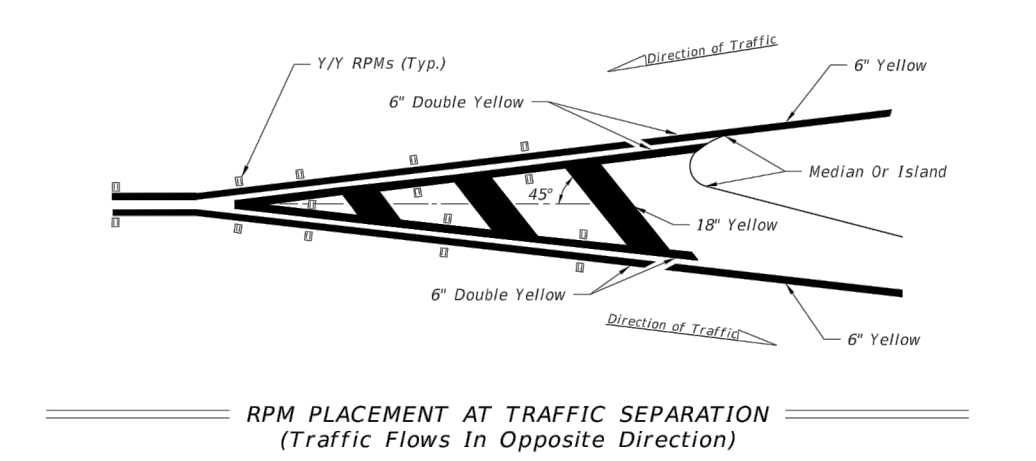
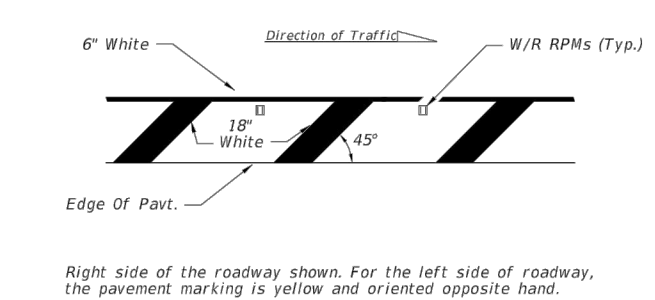
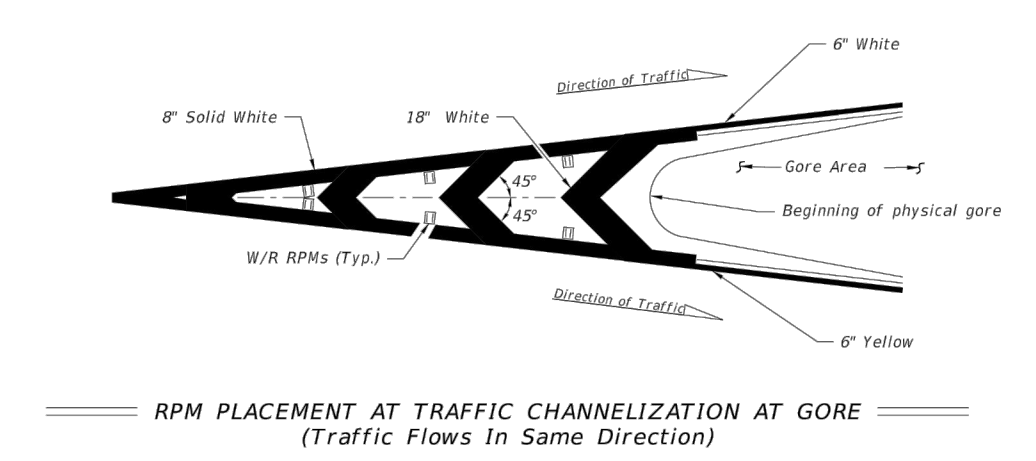
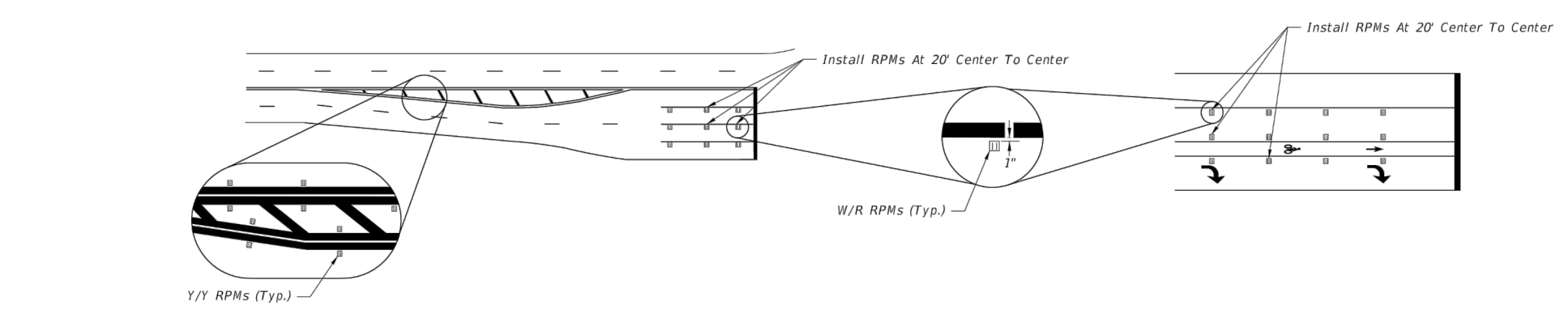
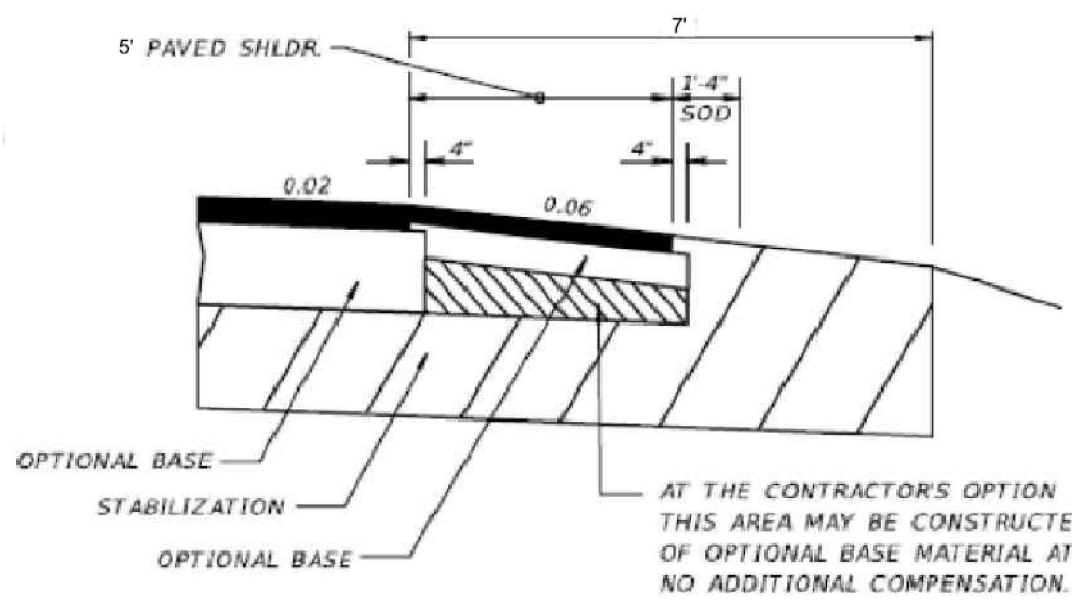


PAVEMENT CONSTRUCTED IN FDOT R-O-W:
 12 INCHES OF STABILIZED SUB BASE W/MIN L.B.R 40 AND
 COMPACTED TO 98% OF MAXIMUM DENSITY.
 10 INCHES OF LIME ROCK PLACED IN TWO LIFTS AND
 COMPACTED TO 98% OF MAXIMUM DENSITY.
 3.5 INCHES OF TRAFFIC LEVEL C SUPER PAVE ASPHALT.
 0.75 INCHES OF F.C.-5.

4 FDOT PAVEMENT DETAIL NTS



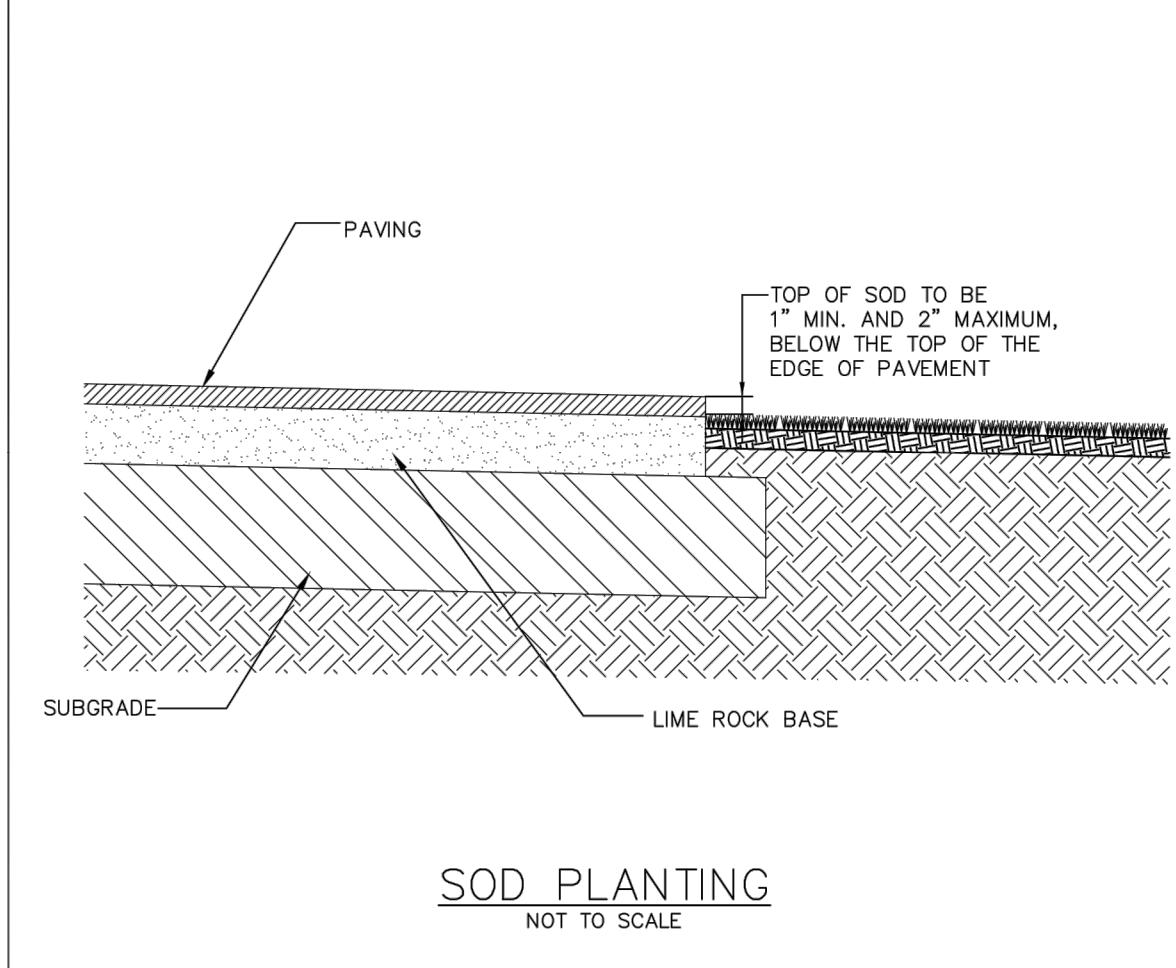
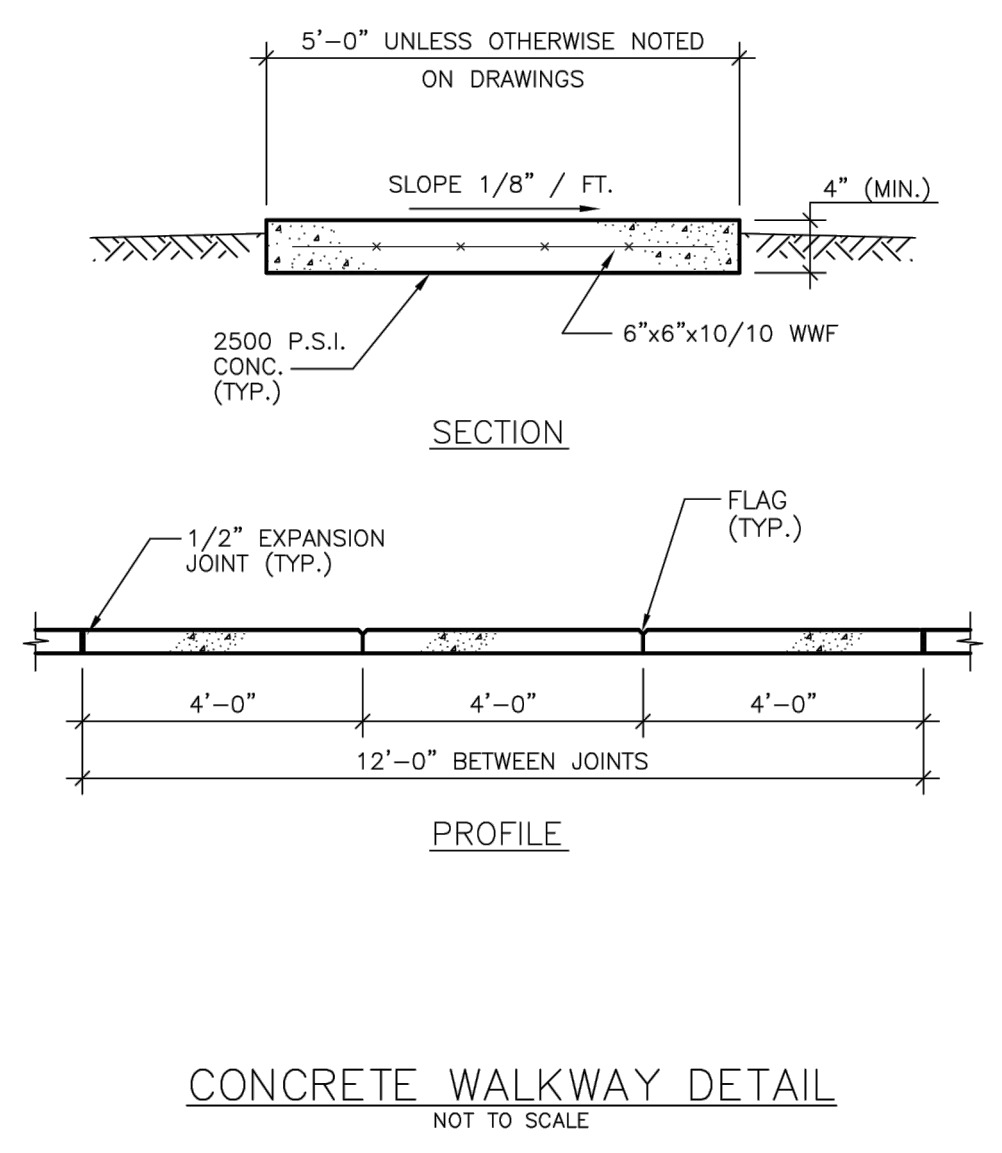
REFERENCE FDOT INDEX 330-001
 FOR ADDITIONAL INFORMATION.



NOTE:
 1. Center the Raised Pavement Markers between chevrons and crosshatching.

LEGEND:
 B/C = BACK OF CURB
 E/P = EDGE OF PAVEMENT
 R/P = RAISED PAVEMENT MARKER
 W/R = WHITE/RED RPM
 Y/Y = YELLOW/YELLOW RPM
 Y/R = YELLOW/RED RPM
 M/D/Y = MULTI-DIRECTIONAL YELLOW RPM

LAST REVISION	DESCRIPTION	FDOT	FY 2020-21 STANDARD PLANS	TYPICAL PLACEMENT OF RAISED PAVEMENT MARKERS	INDEX	SHEET
11/01/18					706-001	2 of 6



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
 PHONE: (800) 966-7563



COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407) 951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

BY:	REVISION:	DATE:	NO.:
JJE		08/17/21	1
		06/30/21	2

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE **01/28/2022**
 SCALE **N.T.S.**

SHEET **D1.1**
 SITE PLAN DETAILS



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
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COMMON OAK ENGINEERING
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 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

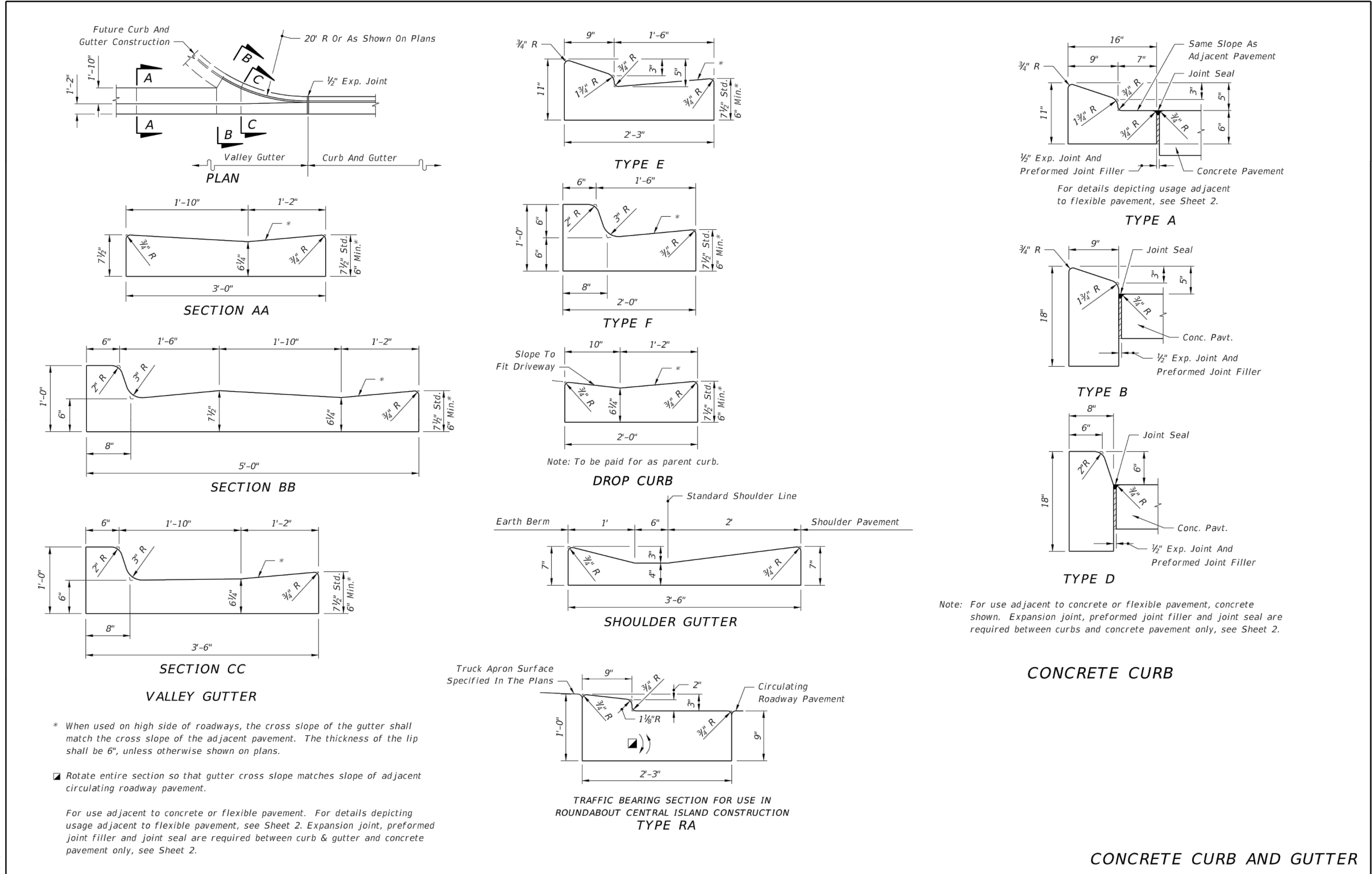
BY:	RWB
REVISIONS:	
DATE:	08/11/21
NO.:	1
DESCRIPTION:	CITY OF FRUITLAND PARK COMMENTS

ENGINEER'S NAME & PE#

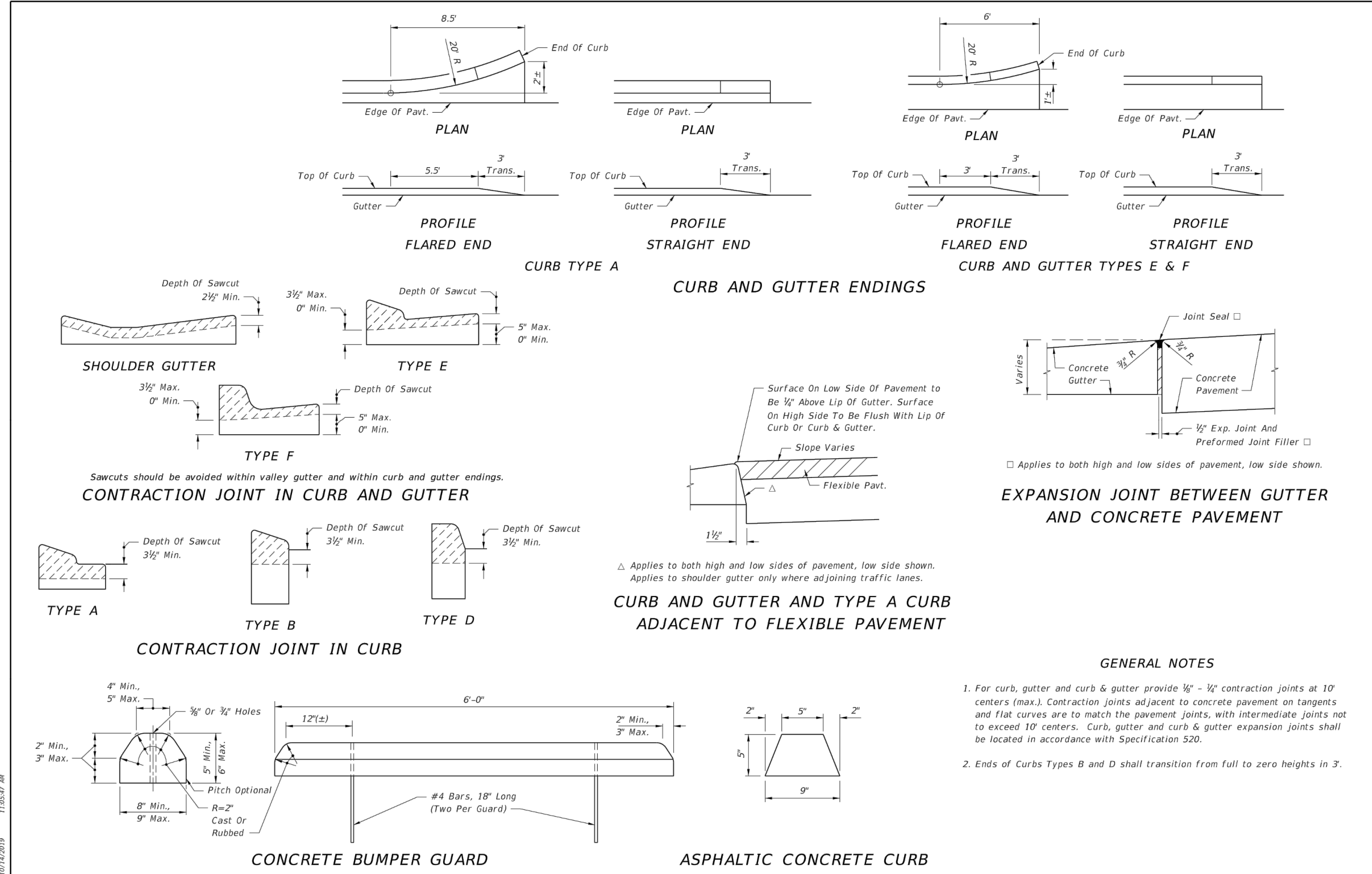
JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE: 01/28/2022
 SCALE: **D1.2**

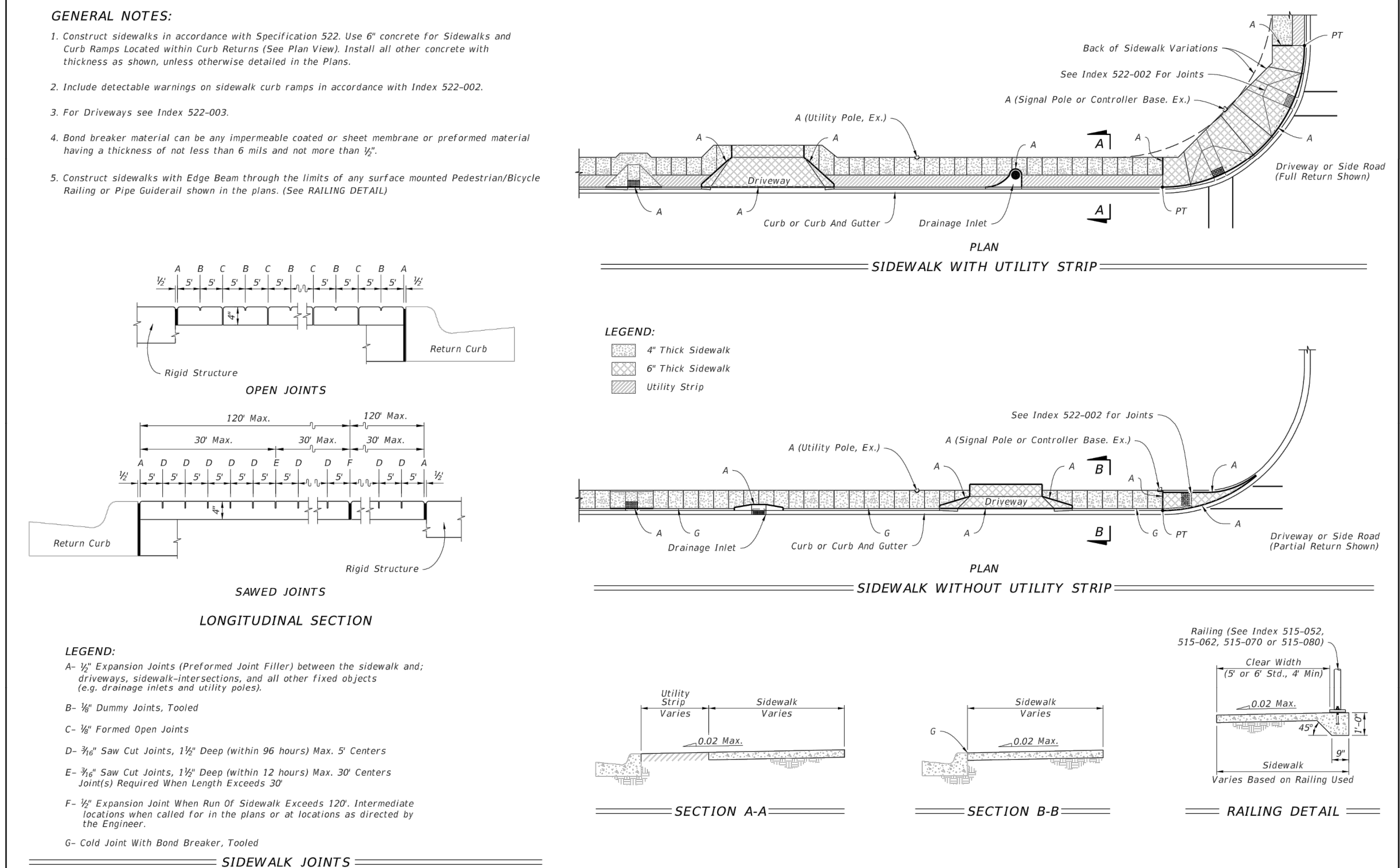
FOOT DETAILS



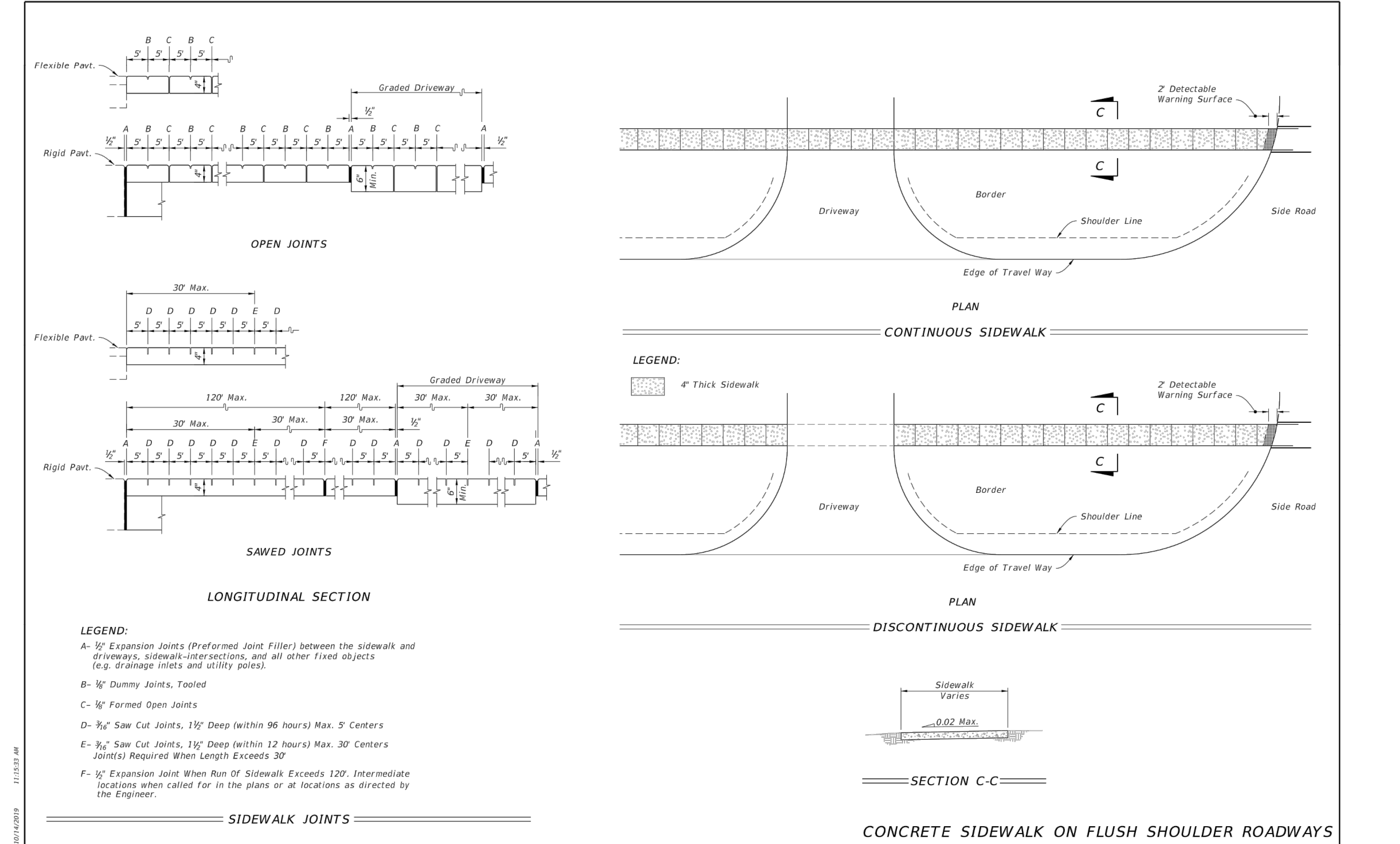
LAST REVISION	11/01/17	DESCRIPTION:	FDOT	FY 2020-21 STANDARD PLANS	INDEX	520-001	SHEET	1 of 2
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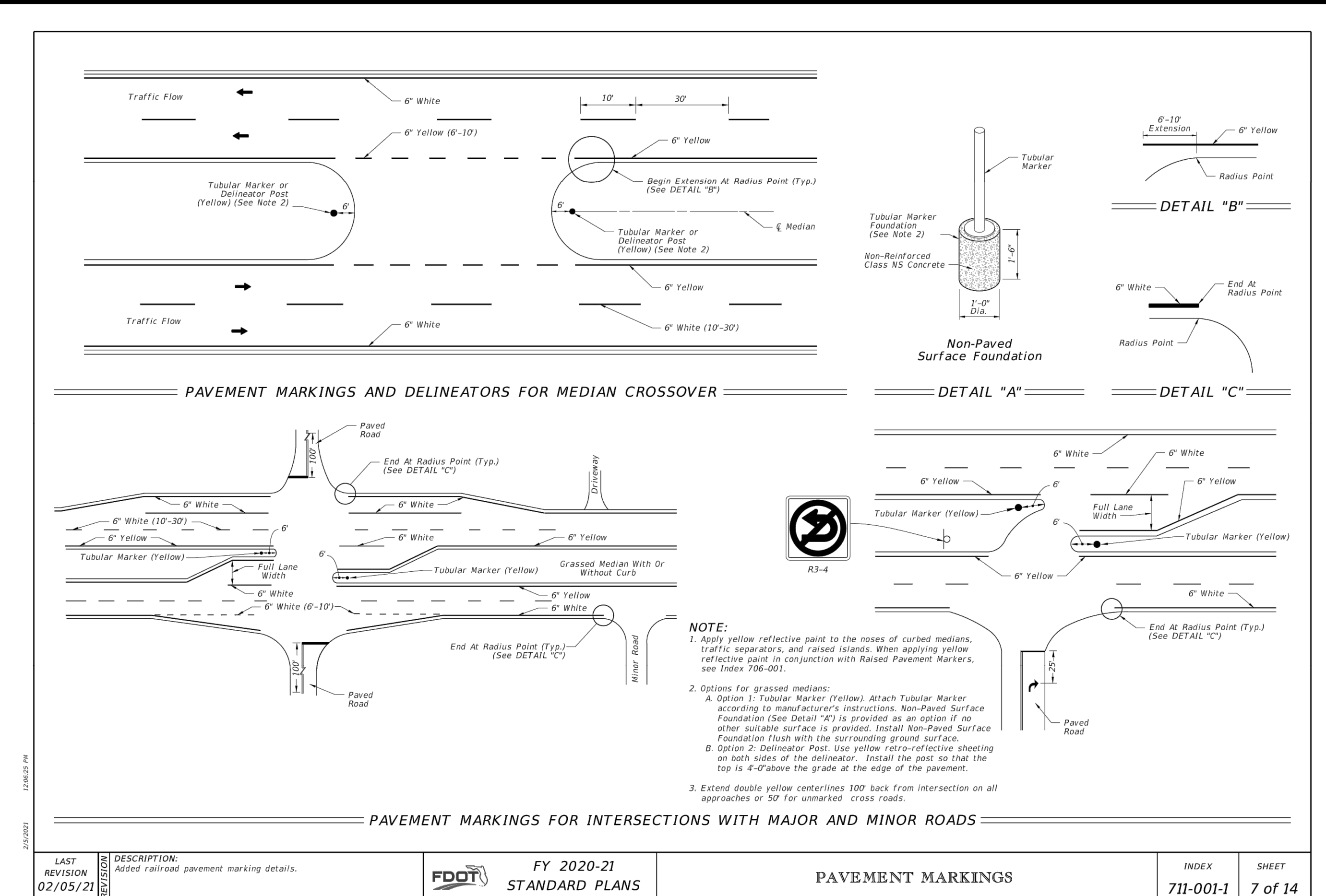
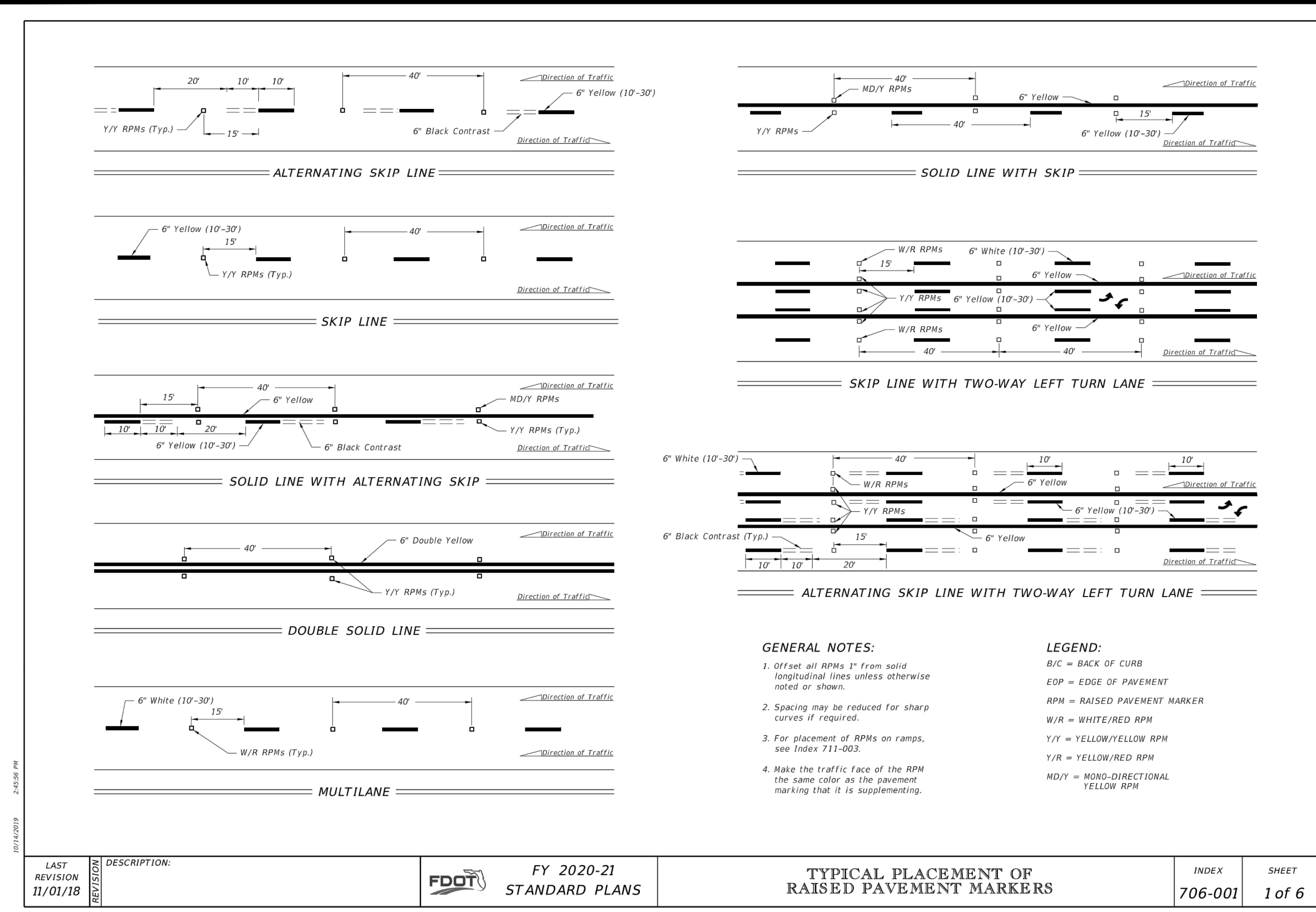
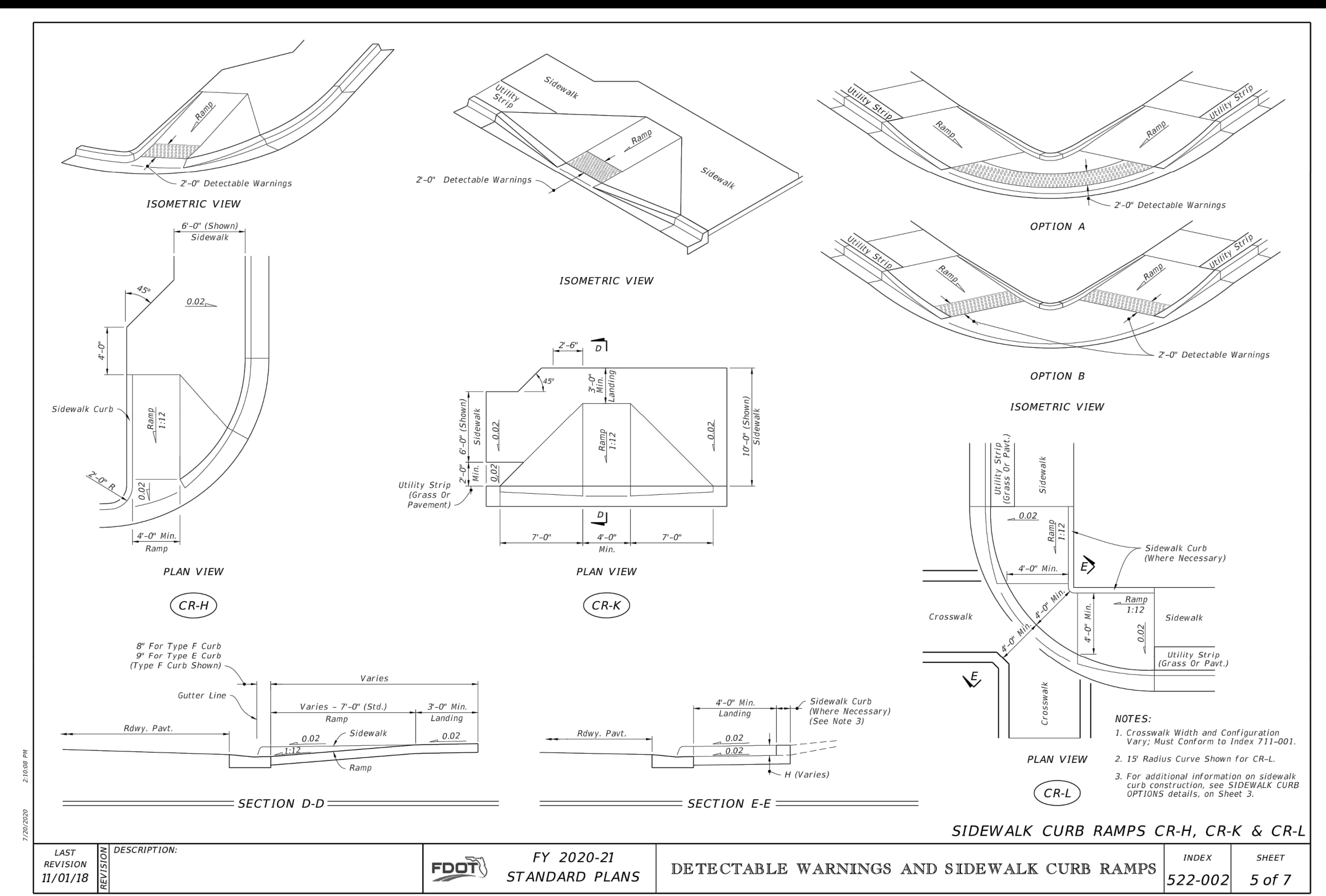
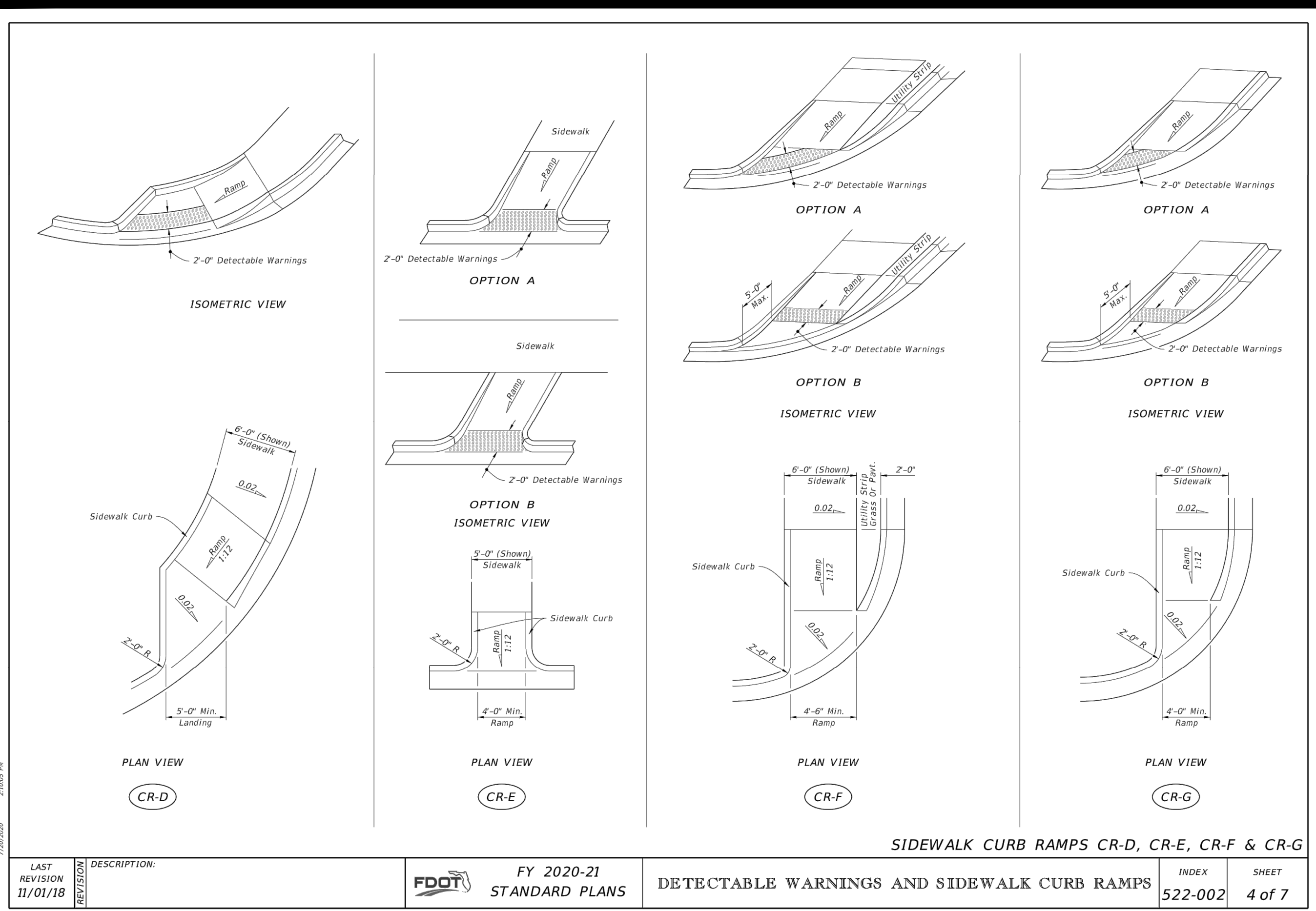
LAST REVISION	11/01/17	DESCRIPTION:	FDOT	FY 2020-21 STANDARD PLANS	INDEX	520-001	SHEET	2 of 2
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LAST REVISION	11/01/18	DESCRIPTION:	FDOT	FY 2020-21 STANDARD PLANS	INDEX	522-001	SHEET	1 of 2
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LAST REVISION	11/01/18	DESCRIPTION:	FDOT	FY 2020-21 STANDARD PLANS	INDEX	522-001	SHEET	2 of 2
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7-ELEVEN

RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563

COMMON ENGINEERING

COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISIONS	BY	FOR
1	09/11/21	CITY OF FRUITLAND PARK COMMENTS		

ENGINEER'S NAME & PE#

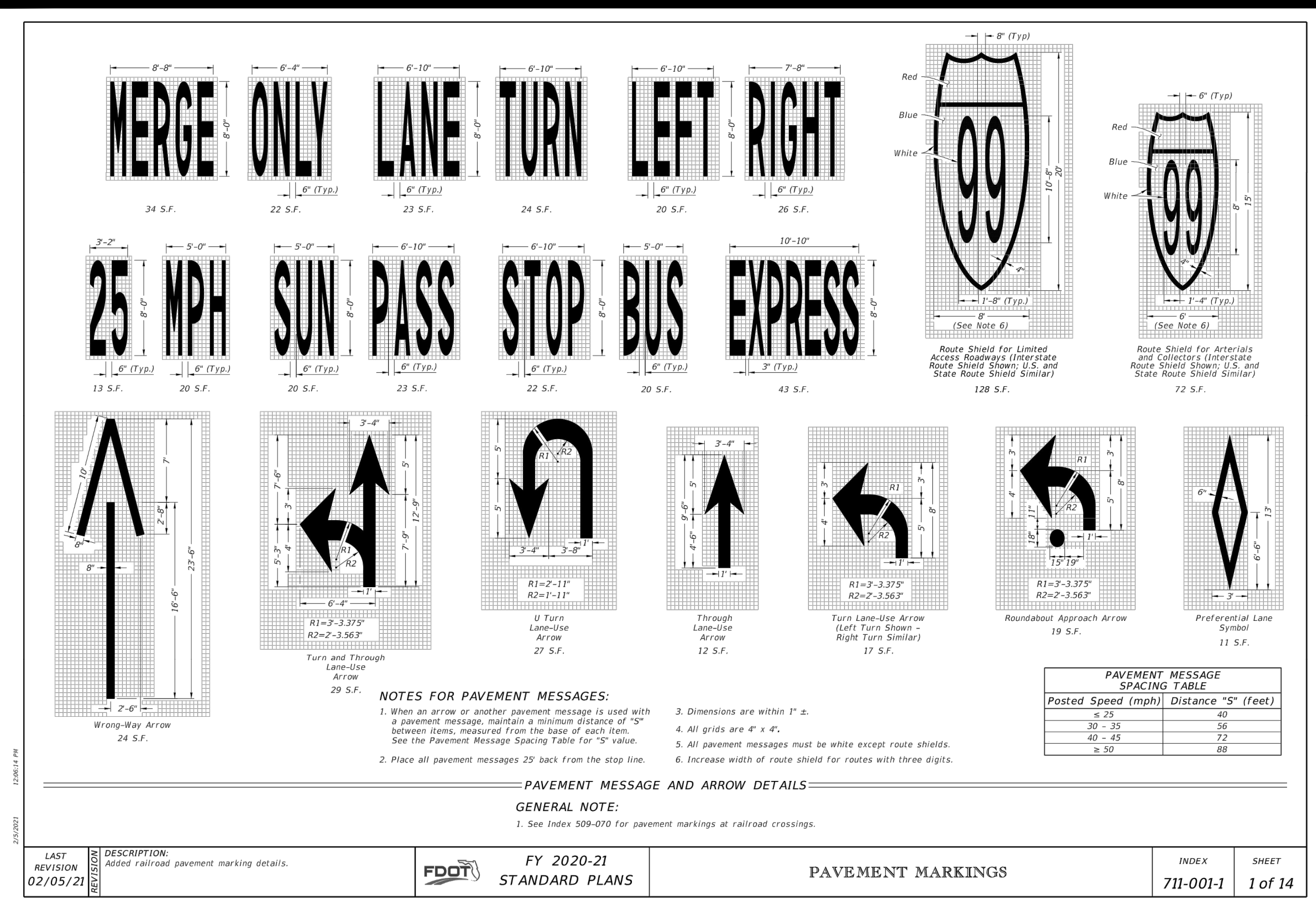
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**

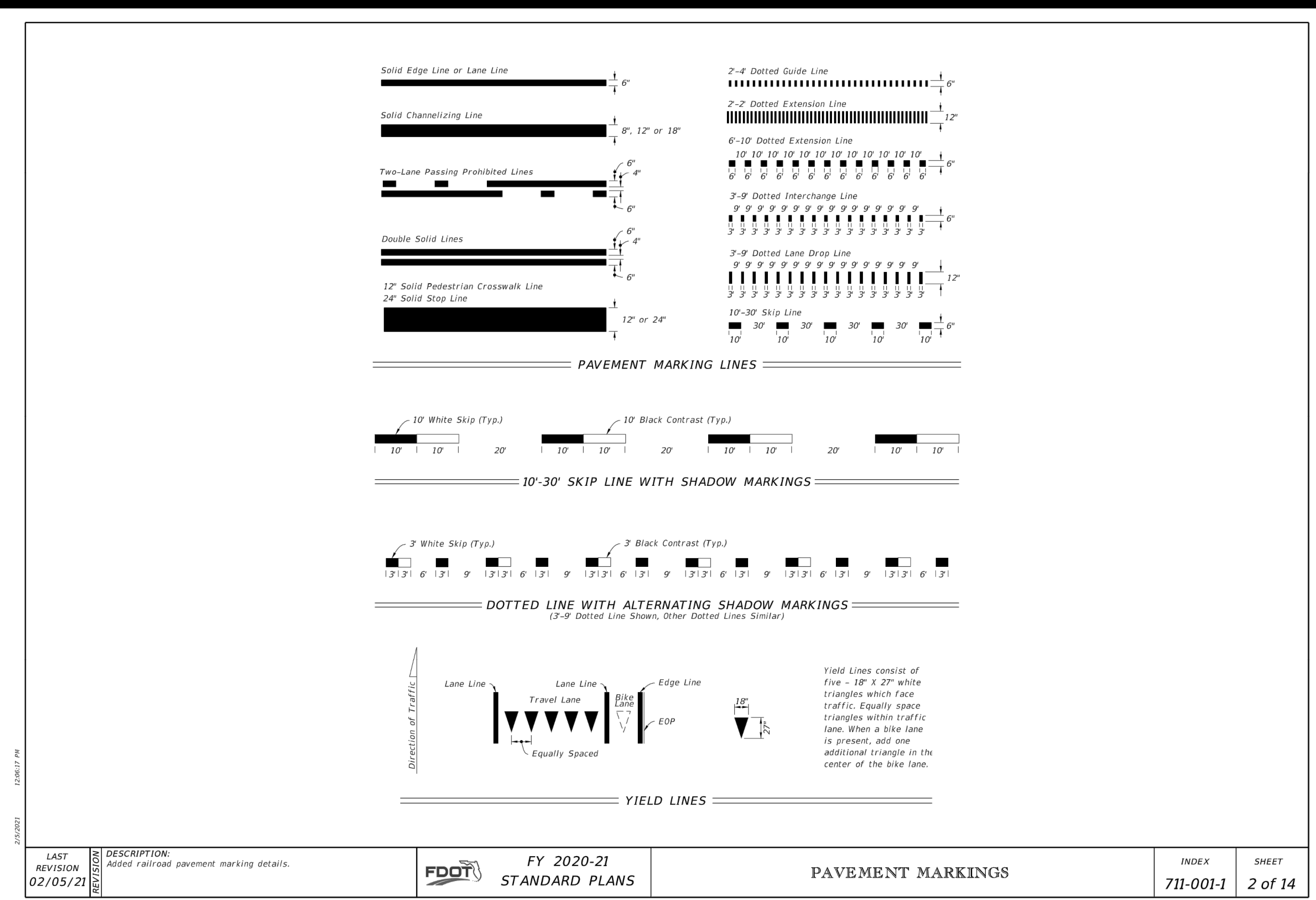
DATE **01/28/2022** SHEET

SCALE **N.T.S.** **D1.3**

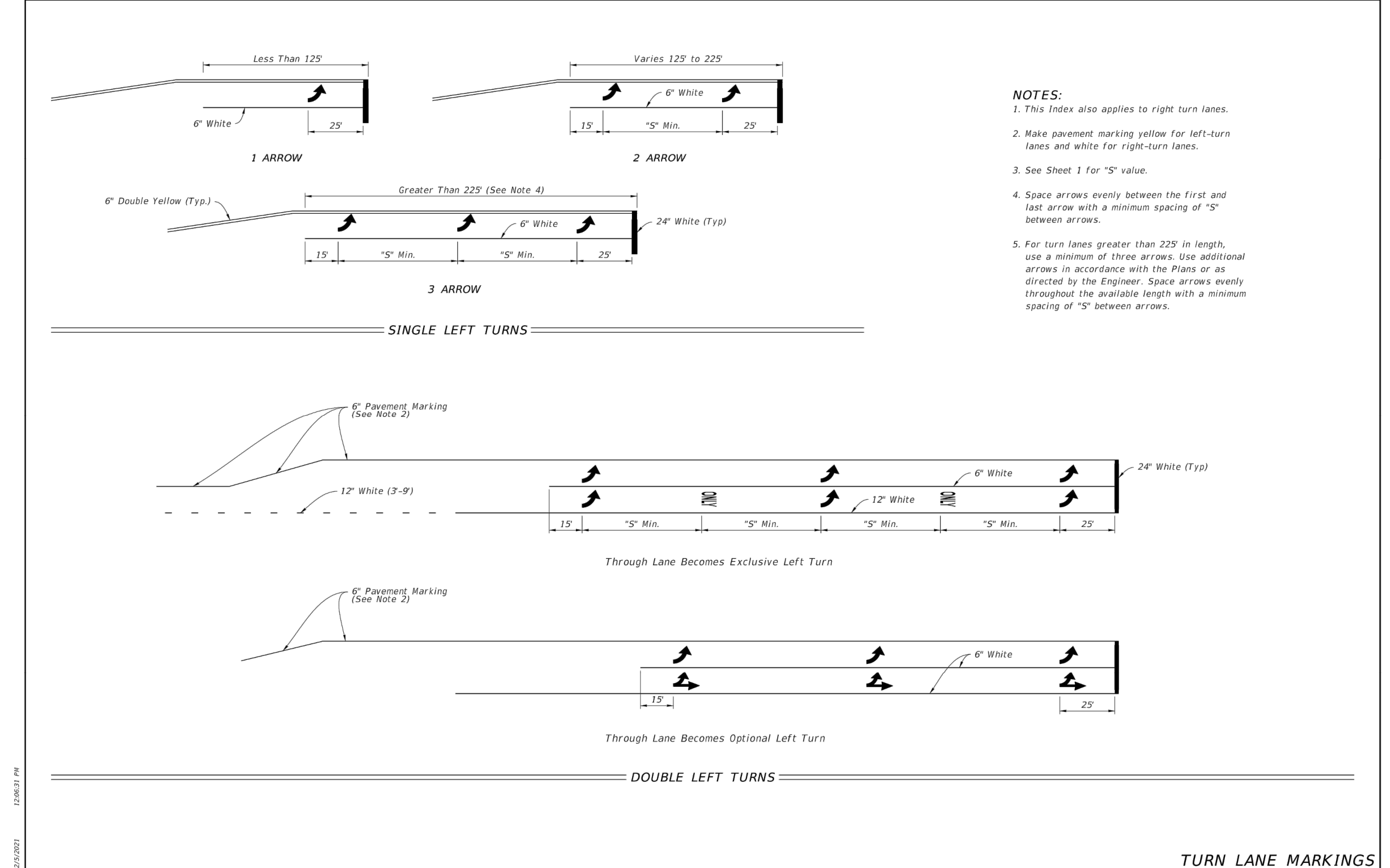
FOOT DETAILS



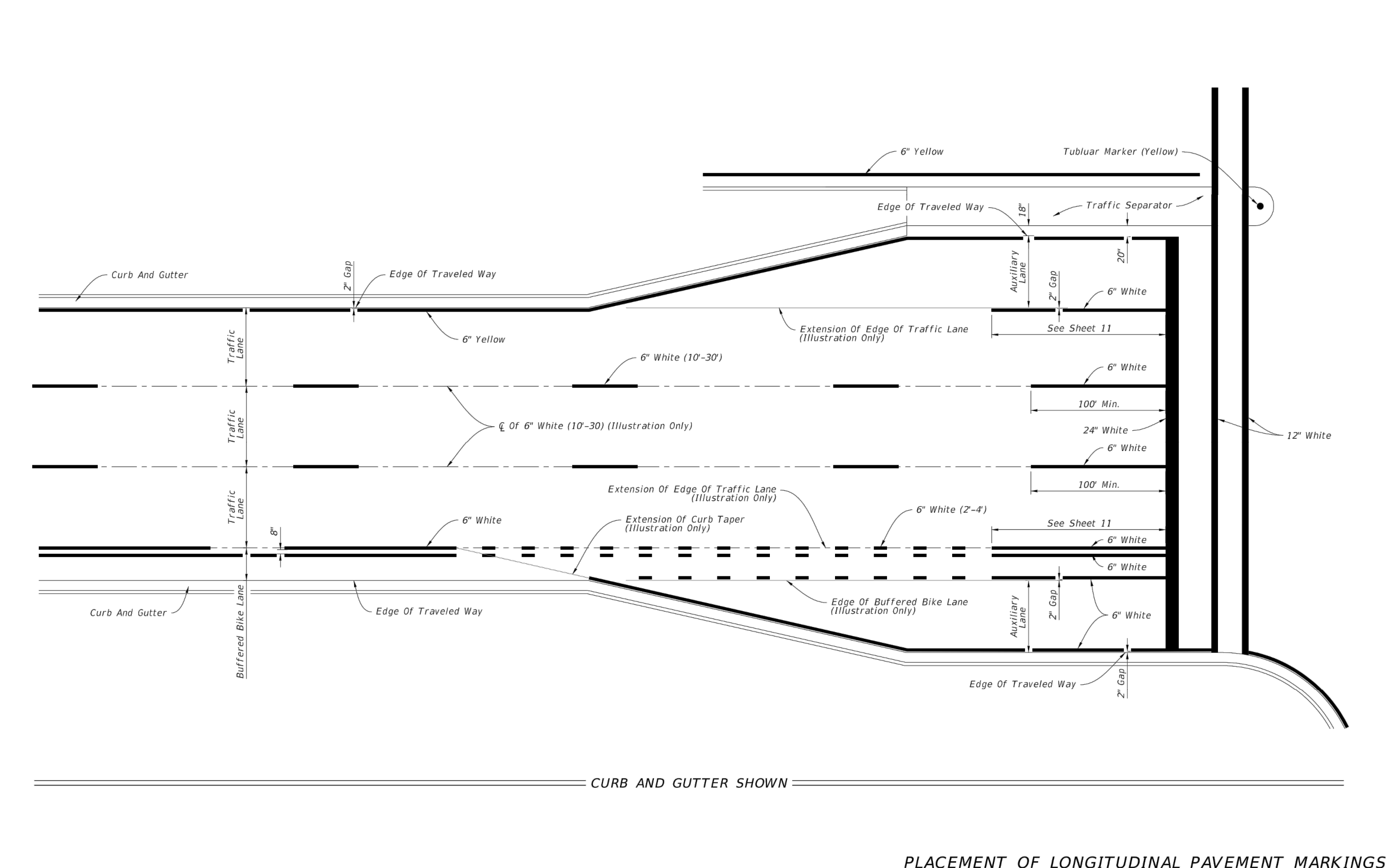
LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.	FDOT	FY 2020-21 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001-1	SHEET 1 of 14
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LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.	FDOT	FY 2020-21 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001-1	SHEET 2 of 14
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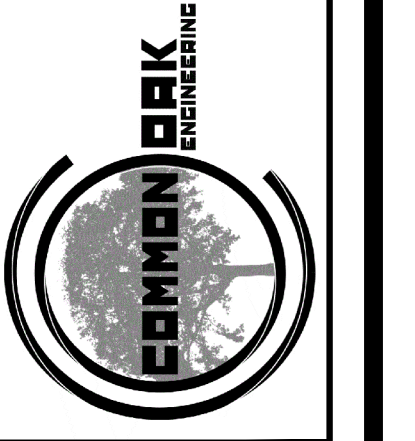
LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.	FDOT	FY 2020-21 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001-1	SHEET 11 of 14
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LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.	FDOT	FY 2020-21 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001-1	SHEET 5 of 14
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RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563

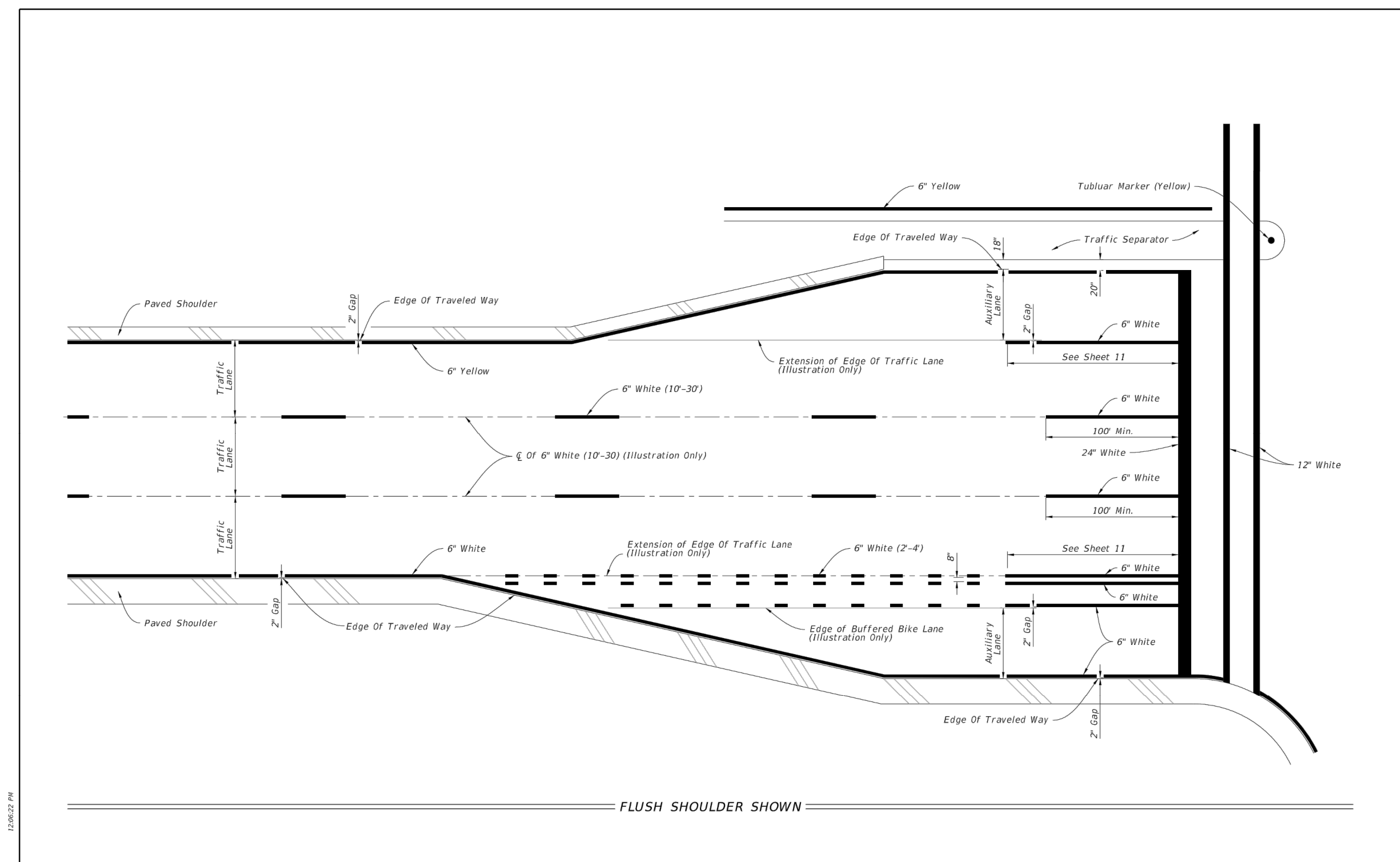


COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

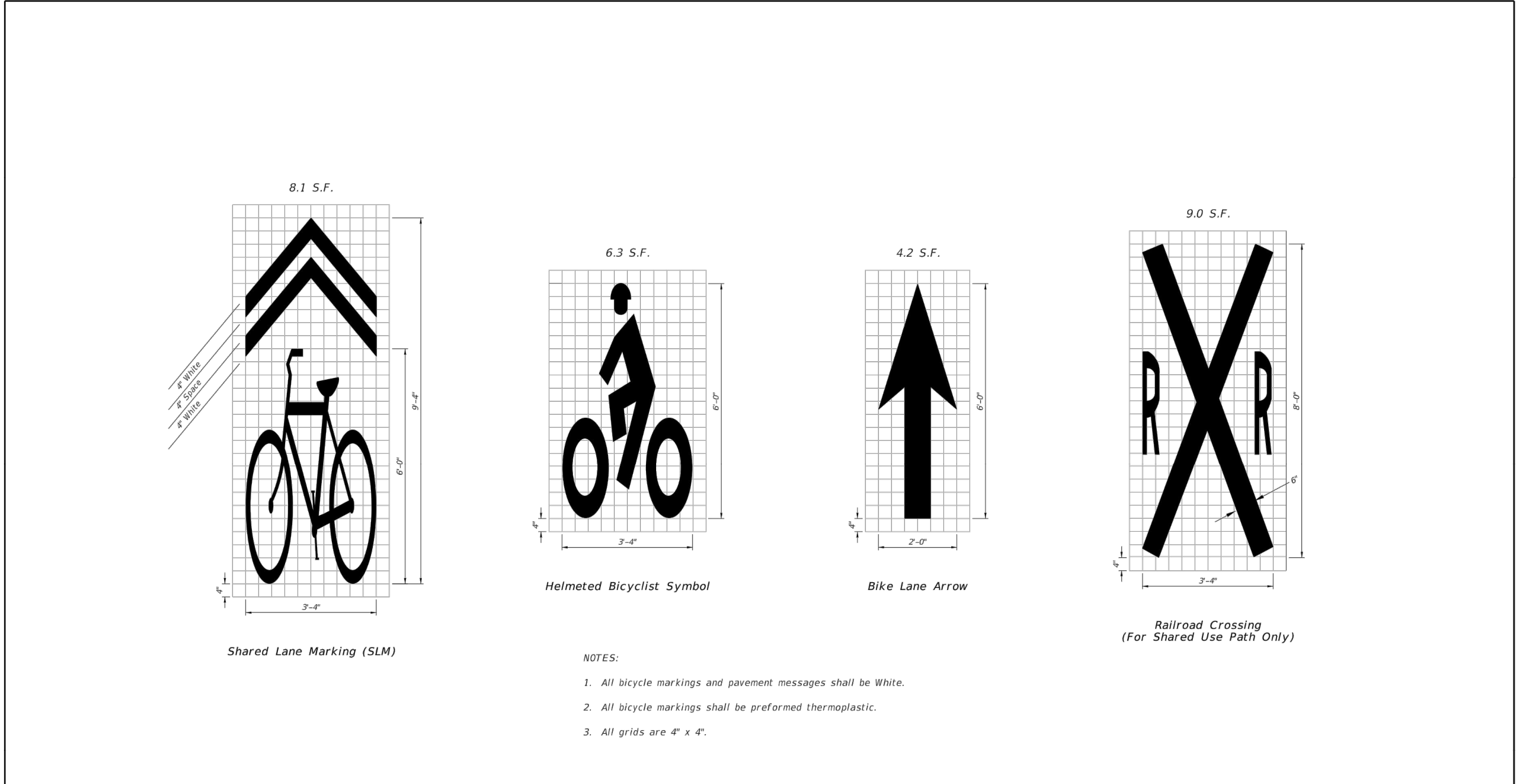
BY: RWB	REVISIONS:	DATE:	08/11/21	CITY OF FRUITLAND PARK COMMENTS:
NO: 1				
ENGINEER'S NAME & PE#				
JEREMY R. ANDERSON, P.E. P.E. LICENSE NO. 71636				
PROJECT # 221.056				
DATE 01/28/2022				
SCALE N.T.S.				
FDOT DETAILS				

DATE 01/28/2022	SHEET 5 of 14
SCALE N.T.S.	D1.4
FDOT DETAILS	



PLACEMENT OF LONGITUDINAL PAVEMENT MARKINGS

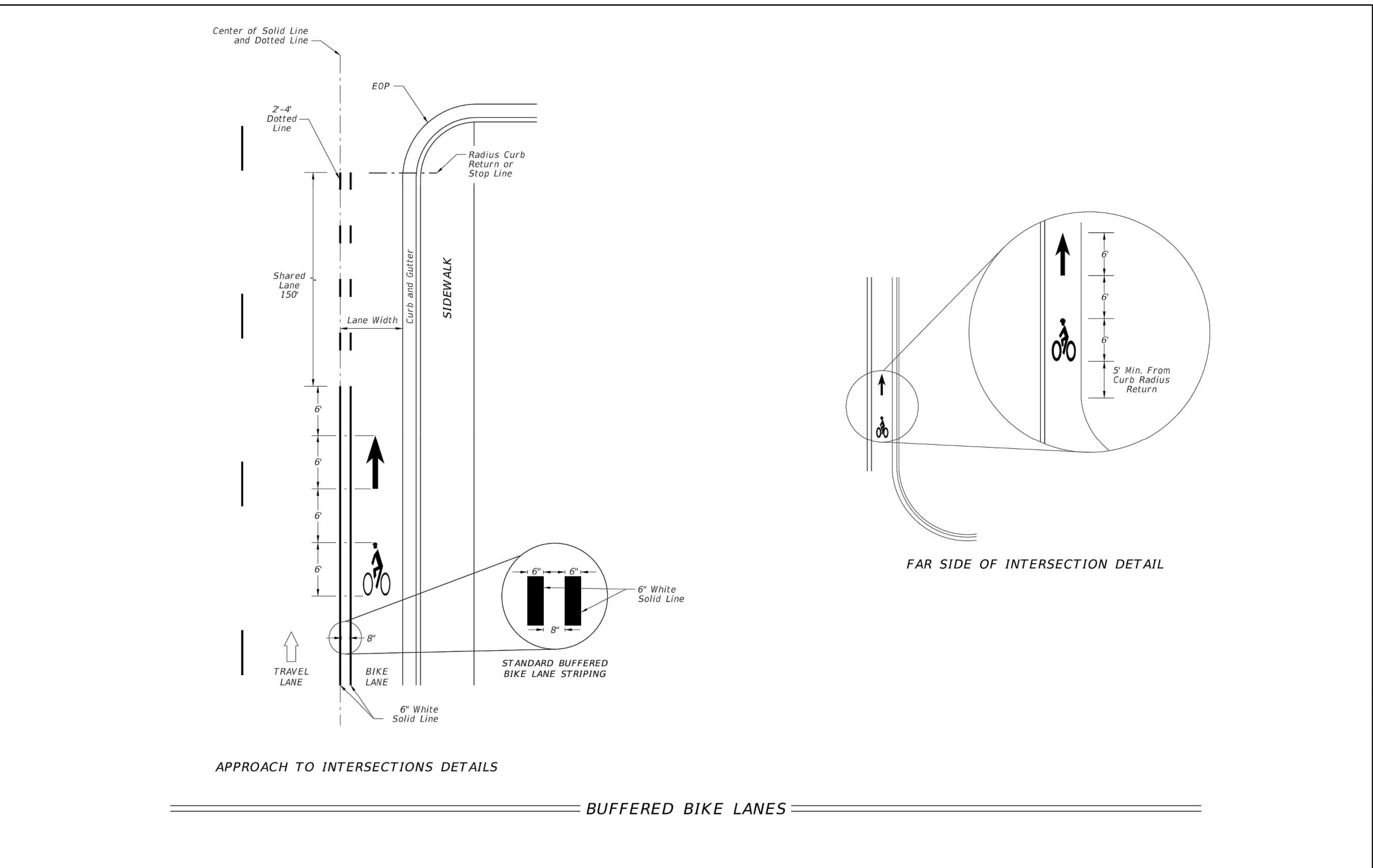
LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.	FDOT FY 2020-21 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001-1	SHEET 6 of 14
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- NOTES:
1. All bicycle markings and pavement messages shall be white.
 2. All bicycle markings shall be performed thermoplastic.
 3. All grids are 4' x 4'.

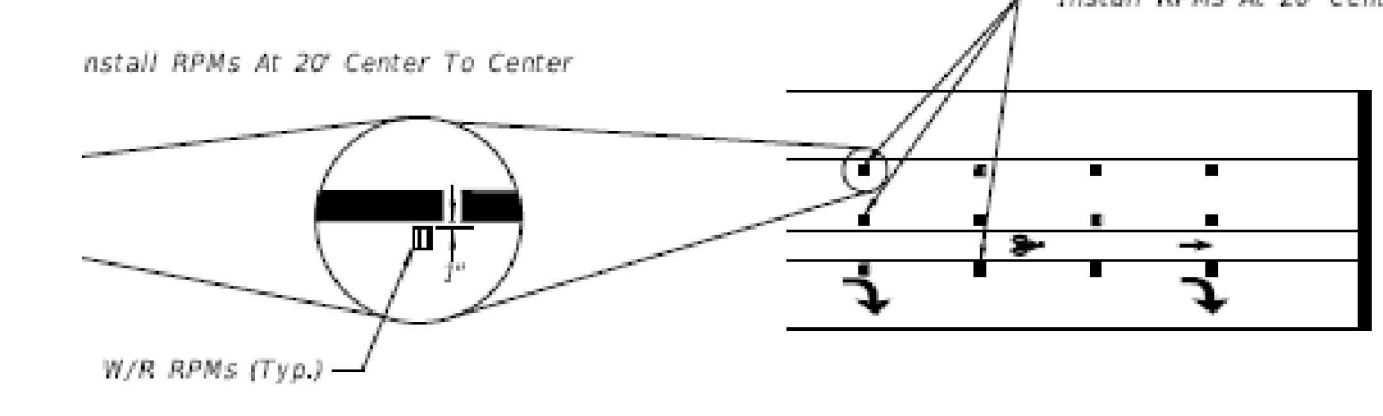
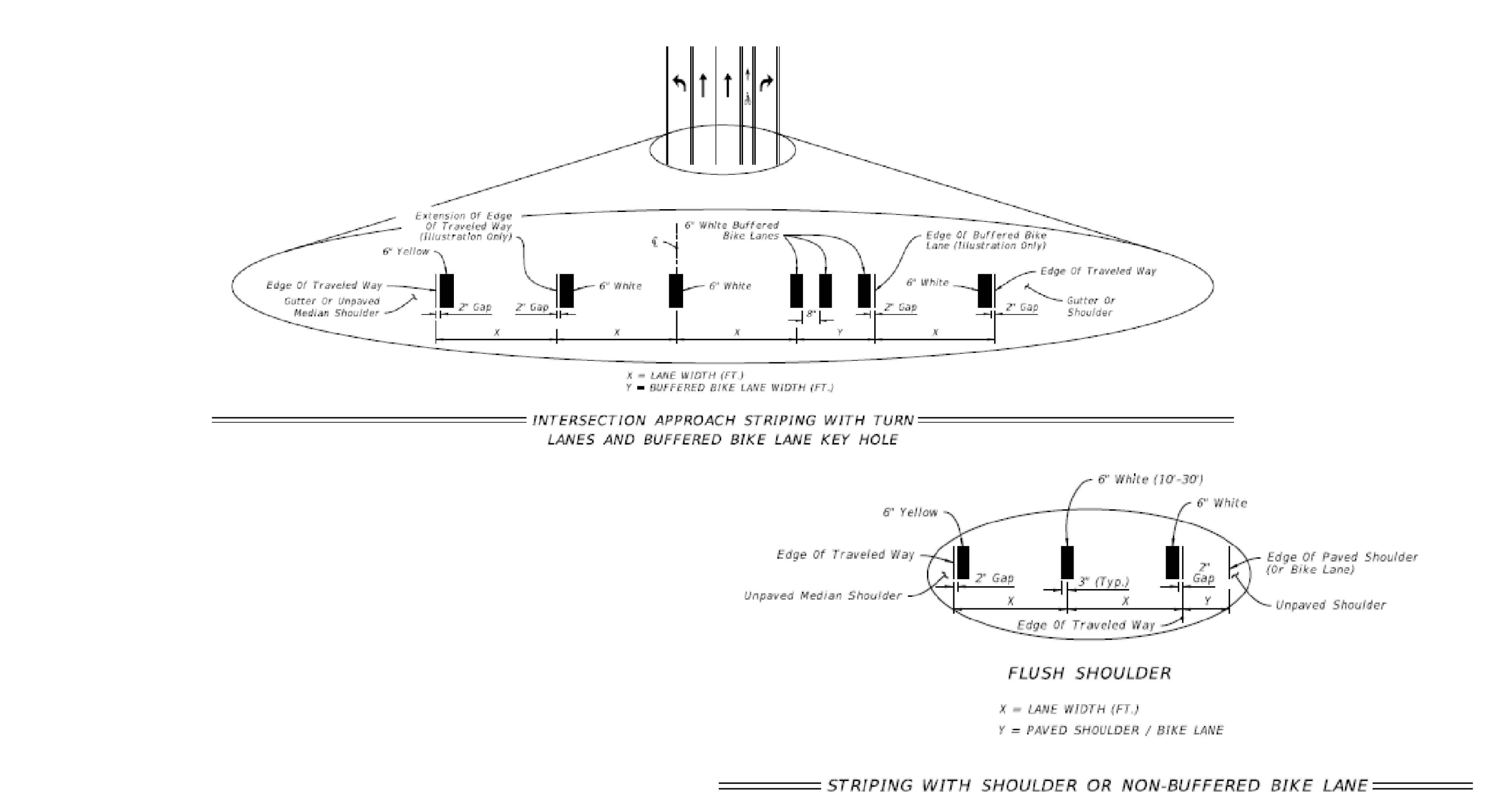
STANDARD PAVEMENT MARKING MESSAGE LAYOUTS

LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	BICYCLE MARKINGS	INDEX 711-002	SHEET 1 of 2
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APPROACH TO INTERSECTIONS DETAILS
BUFFERED BIKE LANES

LAST REVISION 11/01/17	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	BICYCLE MARKINGS	INDEX 711-002	SHEET 2 of 2
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DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	BICYCLE MARKINGS	INDEX 711-002	SHEET 2 of 2
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RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
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PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

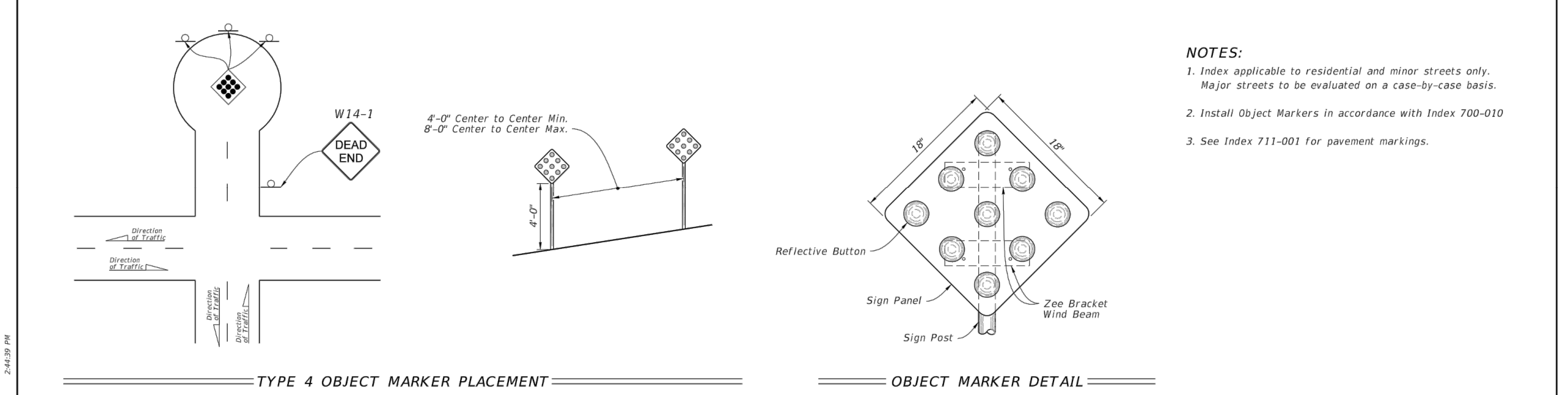
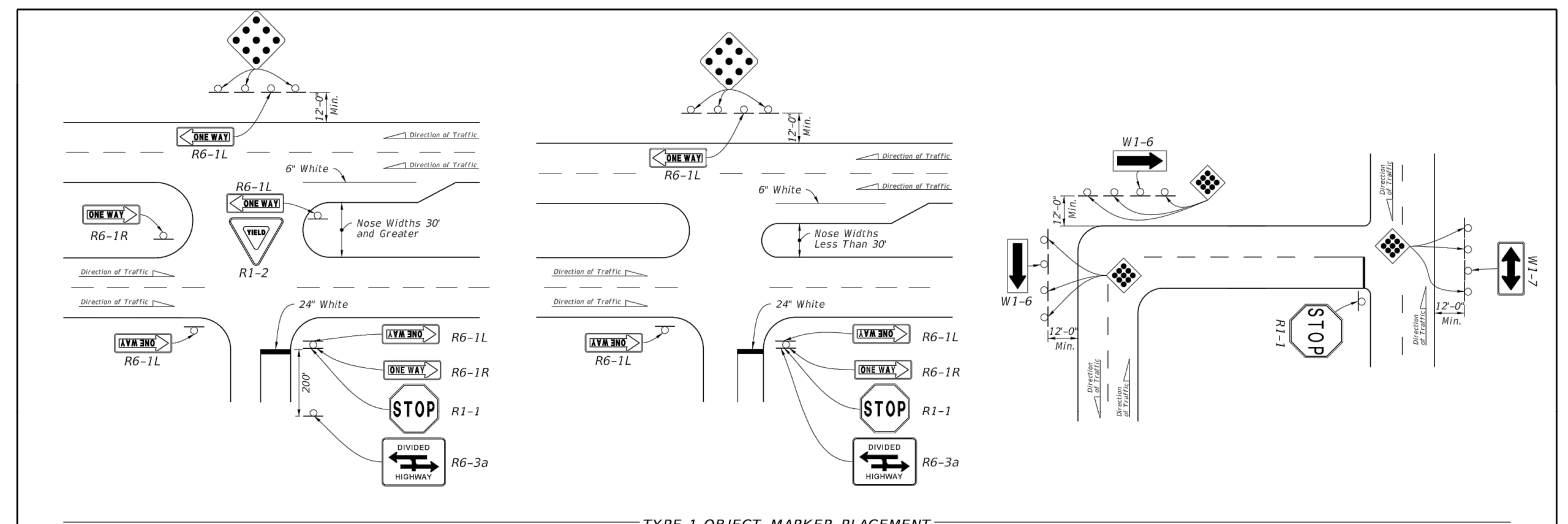
7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

BY: RWB	REVISIONS:	DATE:	REVISIONS:	CITY OF FRUITLAND PARK COMMENTS:
1		08/11/21		

ENGINEER'S NAME & PE#

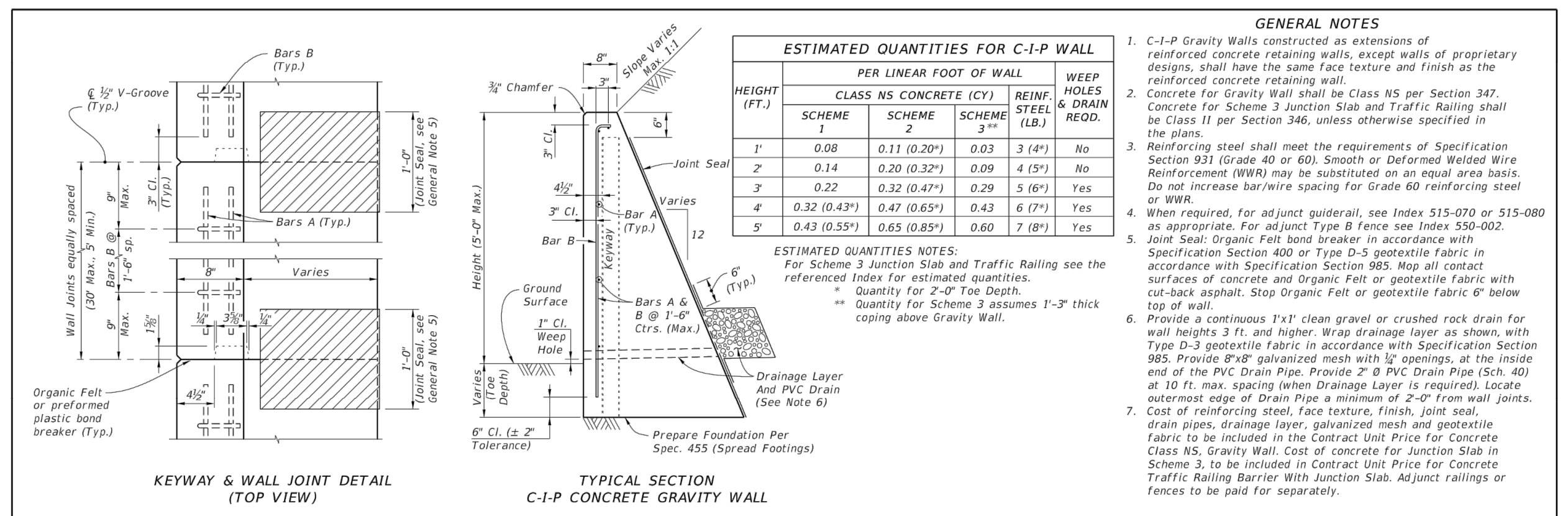
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636
PROJECT # 221.056
DATE 01/28/2022
SCALE N.T.S.

FDOT DETAILS



- NOTES:**
- Index applicable to residential and minor streets only. Major streets to be evaluated on a case-by-case basis.
 - Install Object Markers in accordance with Index 700-010.
 - See Index 711-001 for pavement markings.

LAST REVISION: 11/01/19	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	INDEX	SHEET
			700-109	1 of 1



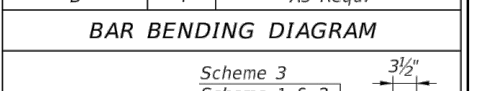
ESTIMATED QUANTITIES FOR C-I-P WALL

HEIGHT (FT.)	PER LINEAR FOOT OF WALL		WEEP HOLES DRAIN REOD.
	CLASS NS CONCRETE (CY)	REINF. STEEL (L.B.)	
1'	0.08	0.11 (0.20")	3 (4')
2'	0.14	0.20 (0.32")	4 (5')
3'	0.22	0.32 (0.42")	5 (6')
4'	0.32 (0.43")	0.47 (0.65")	6 (7')
5'	0.43 (0.55")	0.65 (0.85")	7 (8')

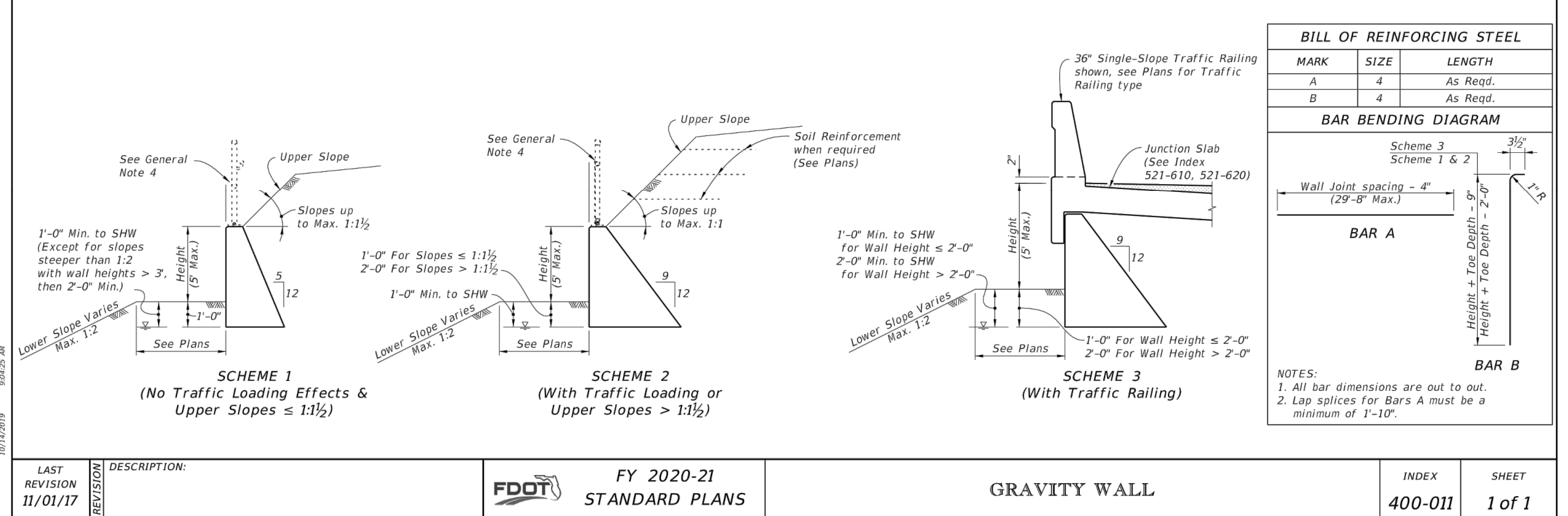
- GENERAL NOTES**
- C-I-P Gravity Walls constructed as extensions of reinforced concrete retaining walls, except walls of proprietary design, shall have the same face texture and finish as the reinforced concrete retaining wall.
 - Concrete for Gravity Wall shall be Class NS per Section 347. Concrete for Scheme 3 Junction Slab and Traffic Railing shall be Class II per Section 346, unless otherwise specified in the plans.
 - Reinforcing steel shall meet the requirements of Specification Section 933 (Grade 40 or 60). Smooth or Deformed Welded Wire Reinforcement (WWR) may be substituted on an equal area basis. Do not increase bar/wire spacing for Grade 60 reinforcing steel or WWR.
 - When required, for adjust guiderail, see Index S15-070 or S15-080 as appropriate. For adjust Type B fence see Index S50-002.
 - Joint Seal: Organic Felt bond breaker in accordance with Specification Section 400 or Type D-3 geotextile fabric in accordance with Specification Section 985. May all contact surfaces of concrete and Organic Felt or geotextile fabric with cut-back asphalt. Stop Organic Felt or geotextile fabric 6" below top of wall.
 - Provide a continuous 1"x1" clean gravel or crushed rock drain for wall heights 3 ft. and higher. Wrap drainage layer as shown with Type D-3 geotextile fabric in accordance with Specification Section 985. Provide #20 galvanized mesh with 1/2" openings, at the inside end of the PVC Drain Pipe. Provide 2" Ø PVC Drain Pipe (Sch. 40) at 10 ft. max. spacing (when Drainage Layer is required). Locate outermost edge of Drain Pipe a minimum of 2'-0" from wall joints.
 - Cost of reinforcing steel, face texture, finish, joint seal, drain pipes, drainage layer, galvanized mesh and geotextile fabric to be included in the Contract Unit Price for Concrete Class NS Gravity Wall. Cost of concrete for Junction Slab in Scheme 3, to be included in Contract Unit Price for Concrete Traffic Railing Barrier With Junction Slab. Adjust railings or fences to be paid for separately.

BILL OF REINFORCING STEEL

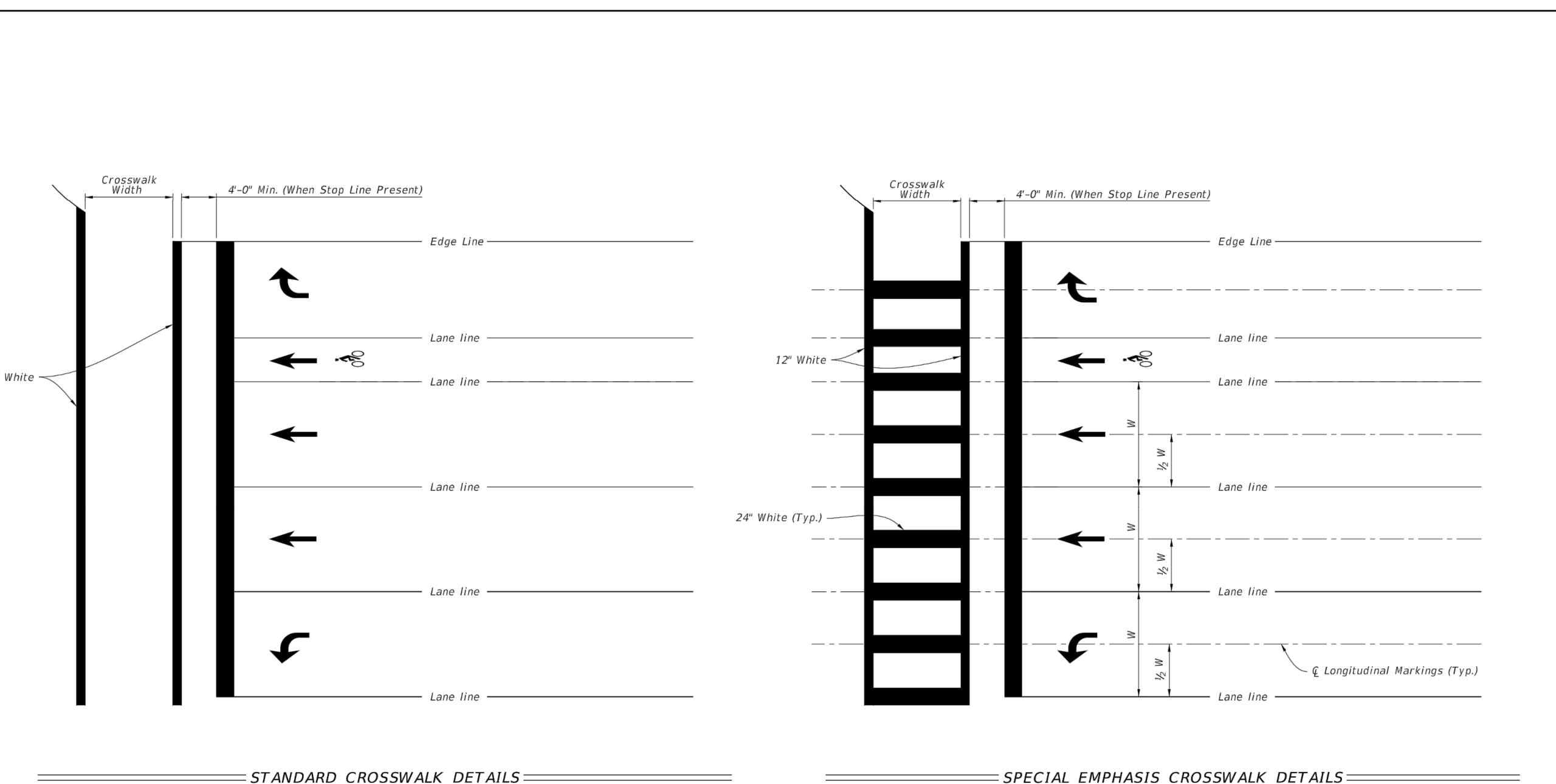
MARK	SIZE	LENGTH
A	4	As Req'd
B	4	As Req'd



- NOTES:**
- All bar dimensions are out to out.
 - Lap splices for Bars A must be a minimum of 1'-10".

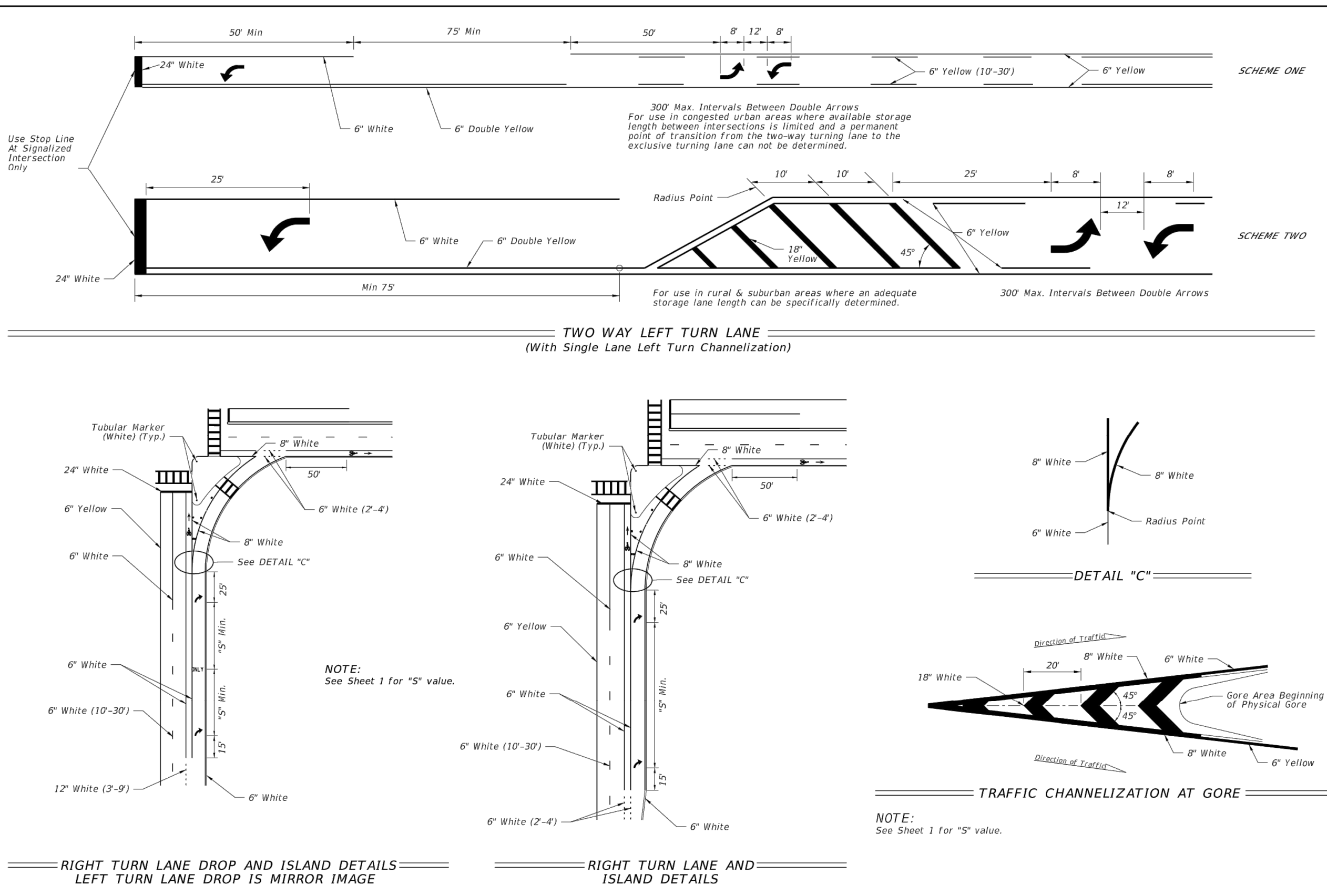


LAST REVISION: 11/01/17	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	INDEX	SHEET
			400-011	1 of 1



- NOTES:**
- For crosswalk width, exceed width of the adjacent sidewalk, but do not make width less than 6' for intersection crosswalks and 10' for midblock crosswalks. Measure width from the inside of the transverse crosswalk markings.
 - When the Special Emphasis Crosswalk is not perpendicular to the lane lines, make the longitudinal markings parallel to the lane lines.
 - Refer to Index S22-002 when Curb Ramps are present.

LAST REVISION: 02/05/21	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	INDEX	SHEET
	Added railroad pavement marking details.		711-001-1	10 of 14



NOTE: See Sheet 1 for "S" value.

NOTE: See Sheet 1 for "S" value.

LAST REVISION: 02/05/21	DESCRIPTION:	FDOT FY 2020-21 STANDARD PLANS	INDEX	SHEET
	Added railroad pavement marking details.		711-001-1	8 of 14



RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563

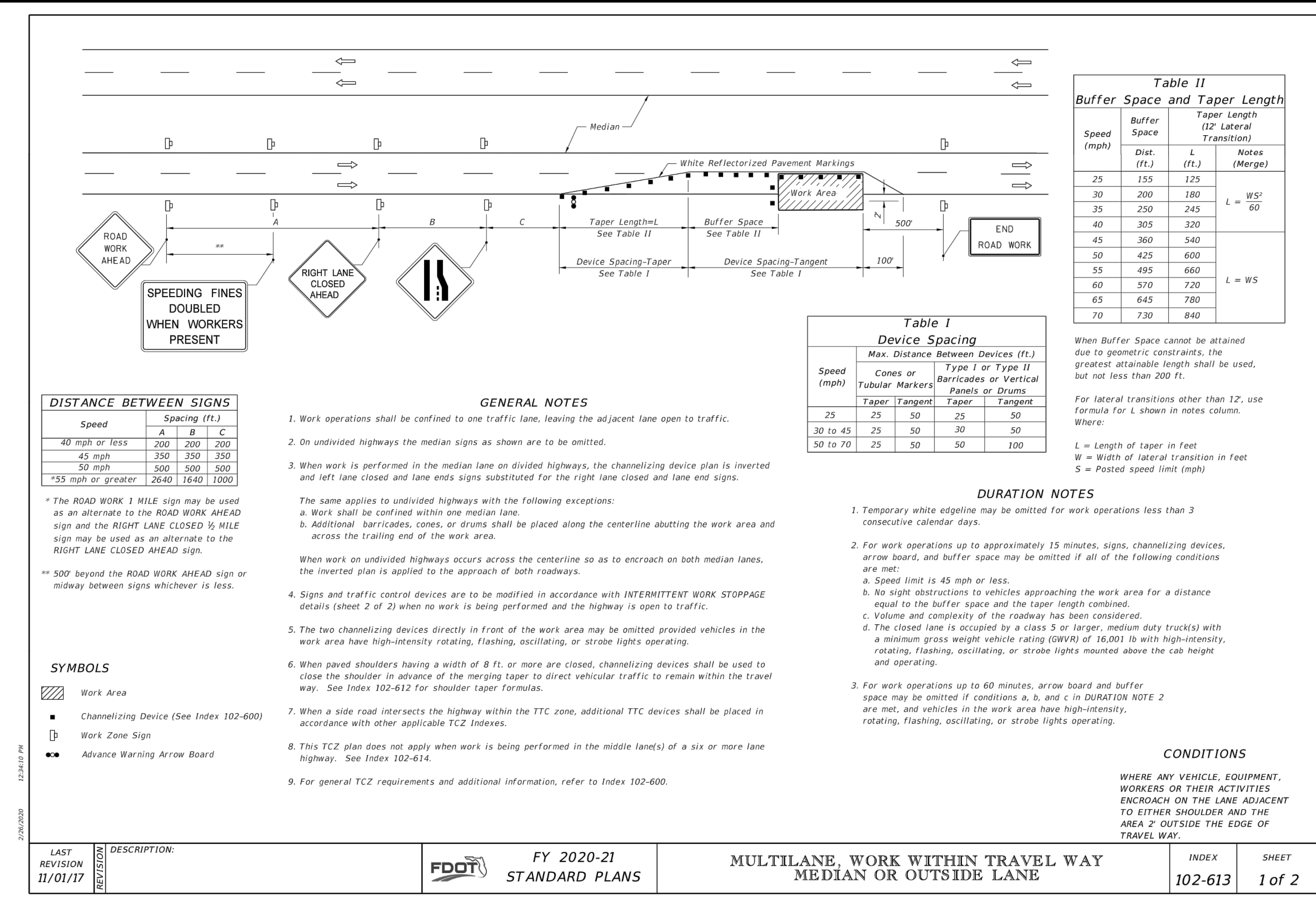
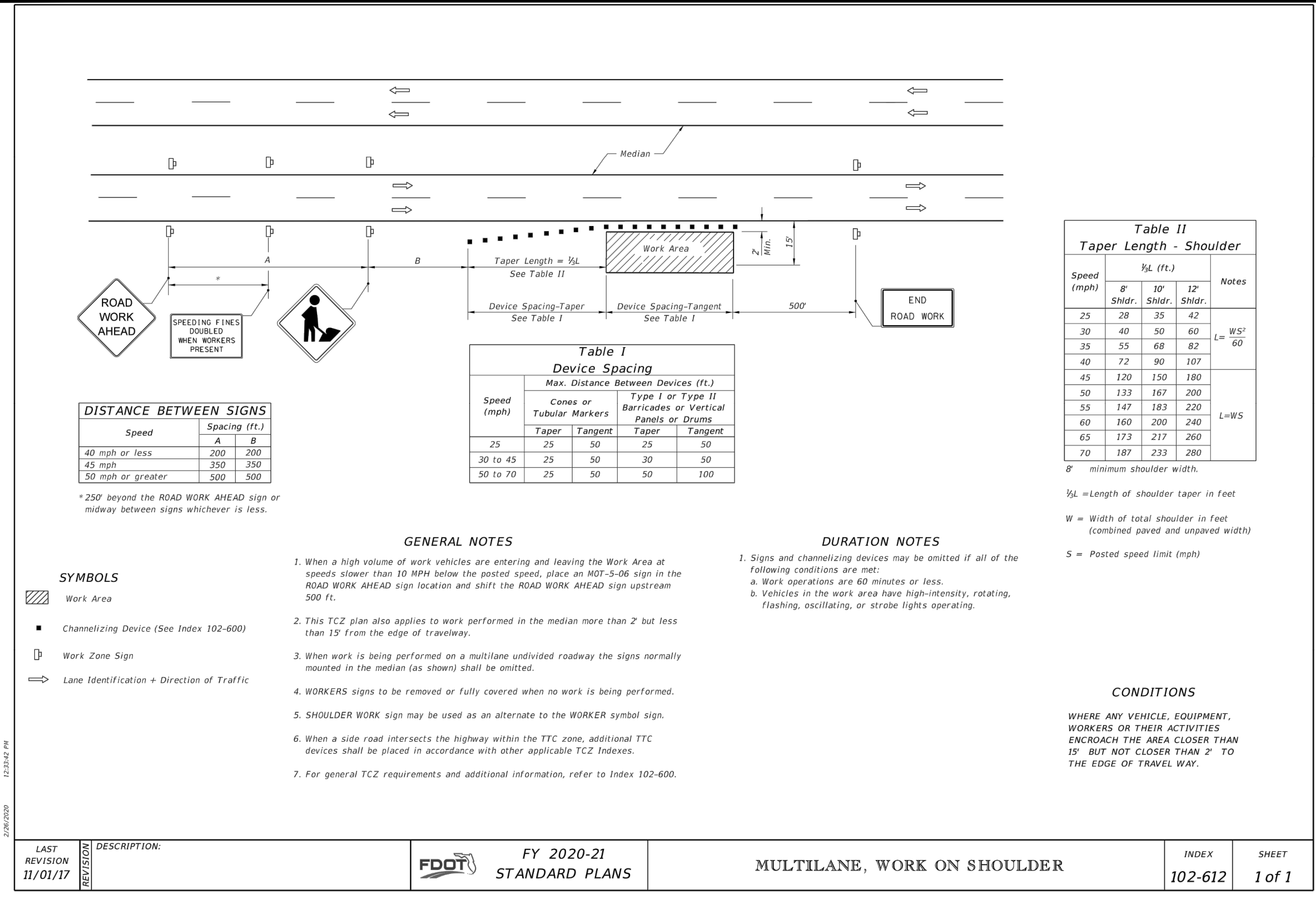
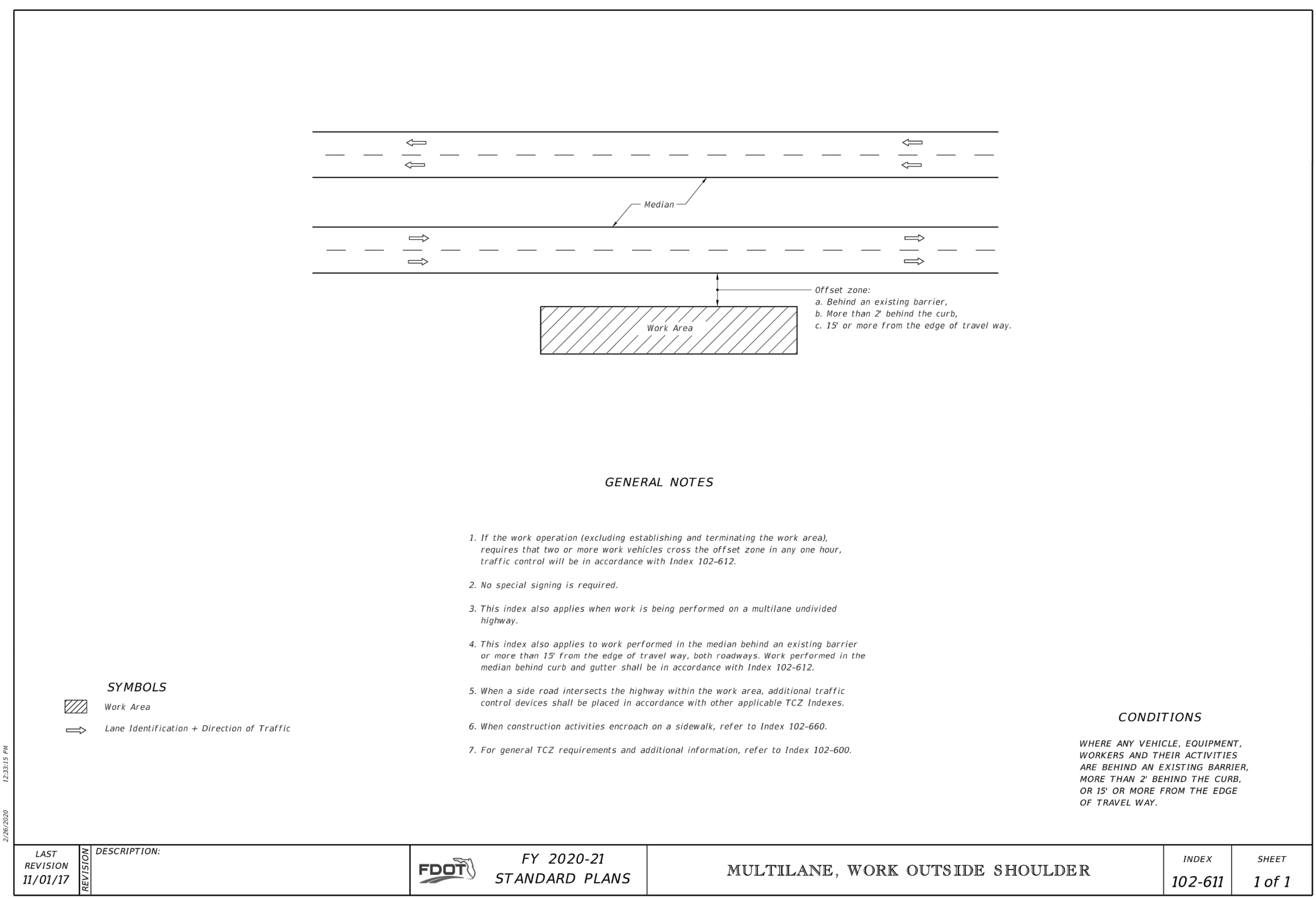
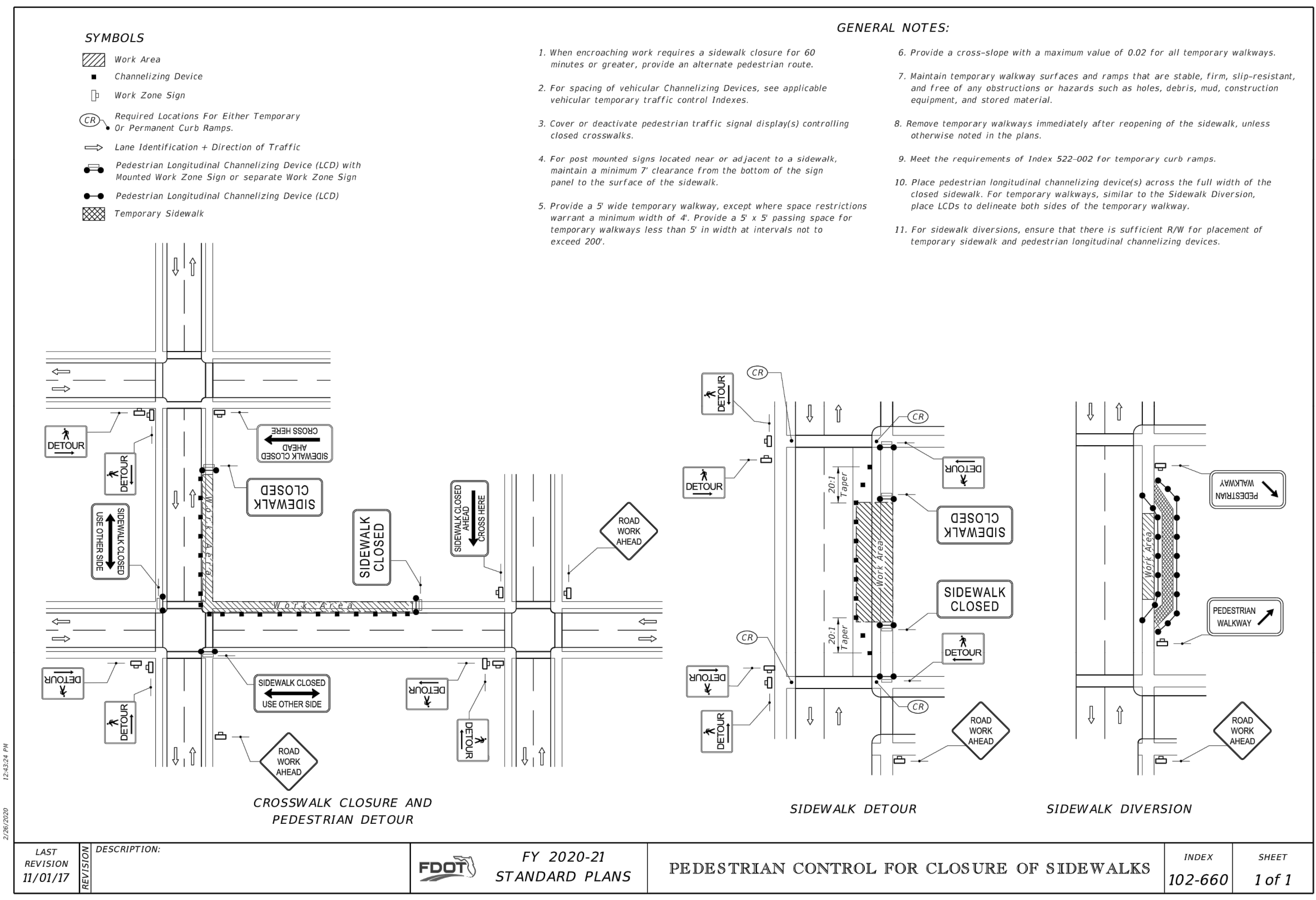


COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISIONS/ISSUE	BY:	FOR:
1	09/11/21	CITY OF FRUITLAND PARK COMMENTS	RWB	

JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636
PROJECT # 221.056
DATE 01/28/2022
SCALE N.T.S.
SHEET D1.6
FOOT DETAILS



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
 PHONE: (800) 966-7563



COMMON OAK ENGINEERING
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7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	CITY OF FRUITLAND PARK COMMENTS
1	08/11/21		

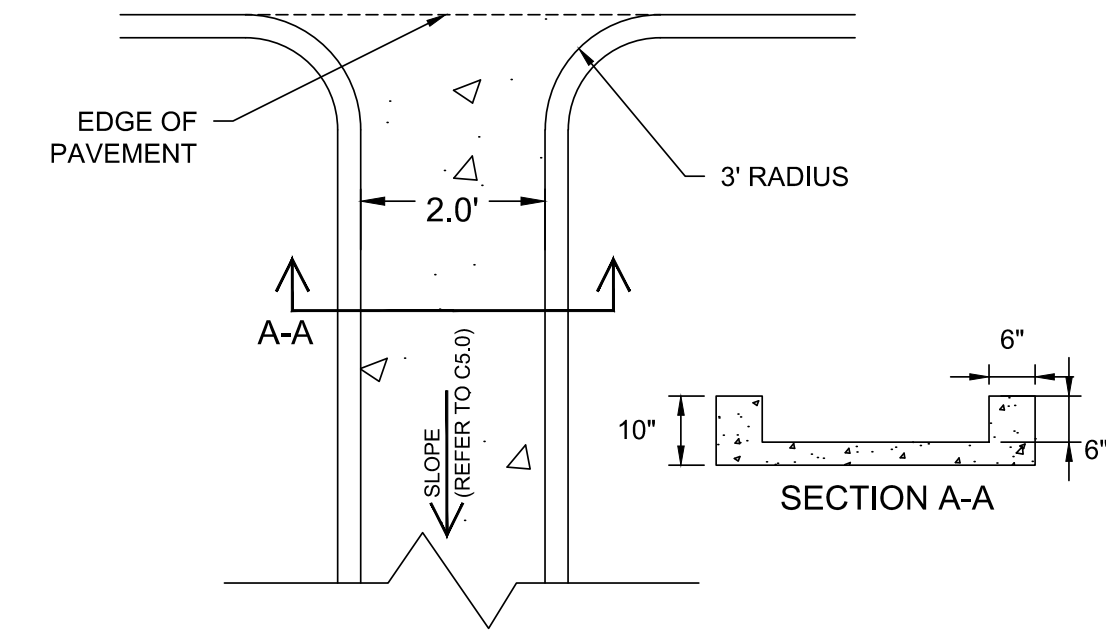
ENGINEER'S NAME & PE#

JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

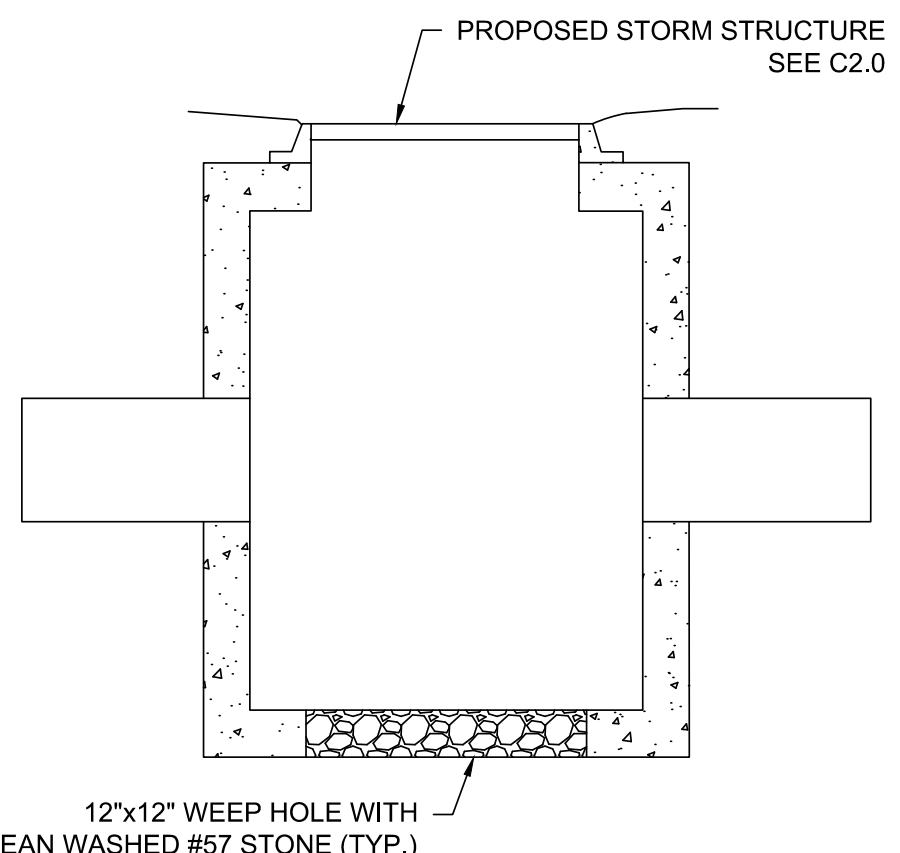
PROJECT # **221.056**

DATE **01/28/2022**
 SCALE **D1.7**

MOT DETAILS

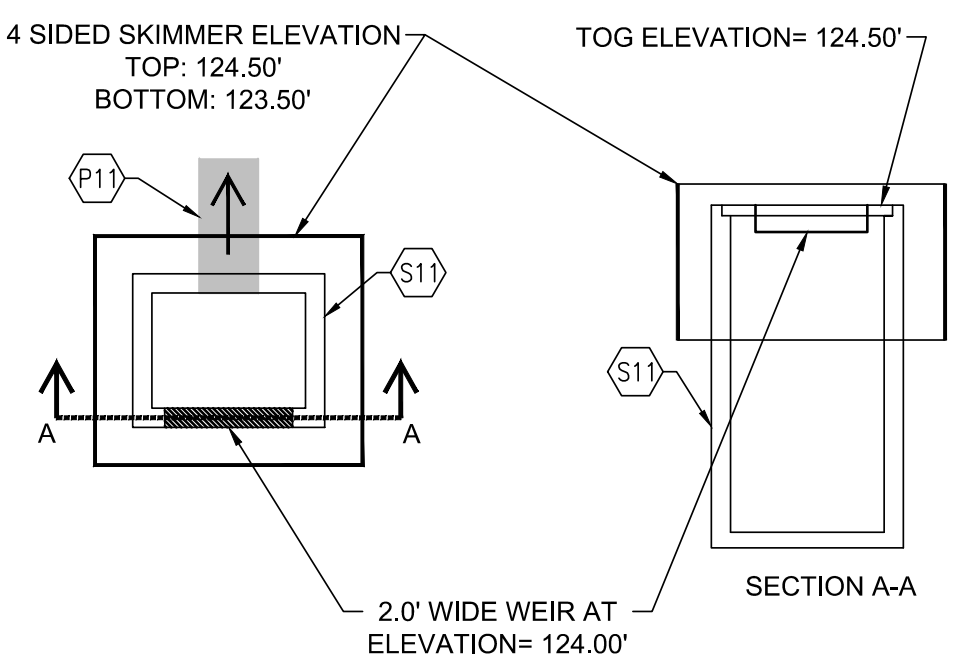


1 CONCRETE FLUME NTS
CONCRETE 28 DAY STRENGTH SHALL BE 3,000 PSI (MIN)

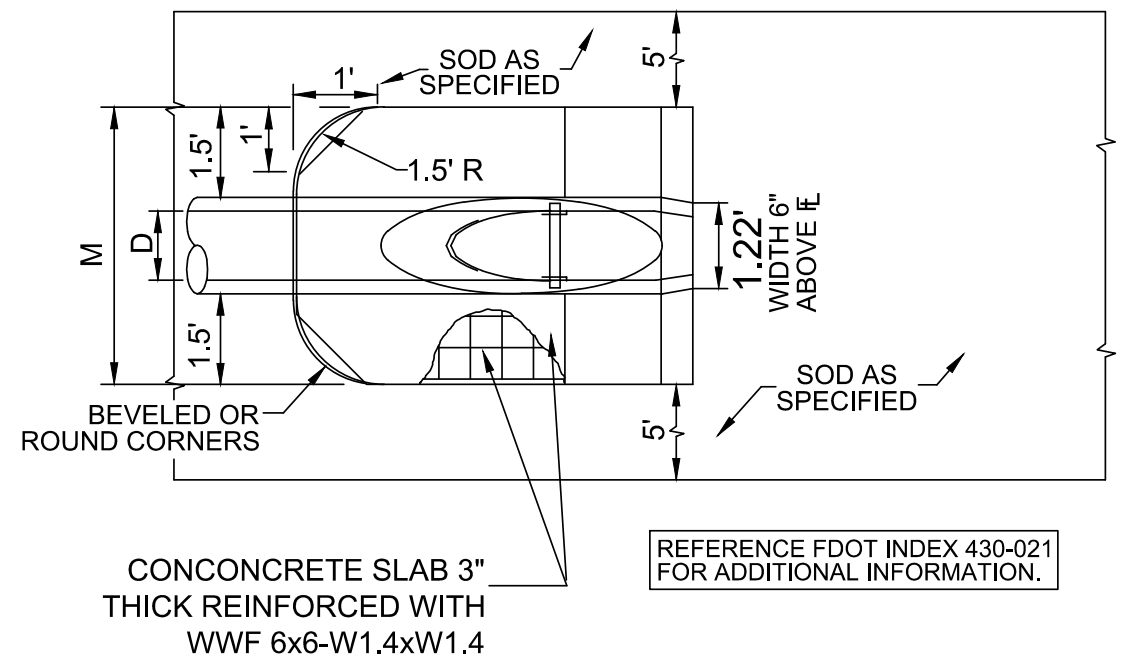


2 STORM STRUCTURE WEEP HOLE NTS

3 NOT USED

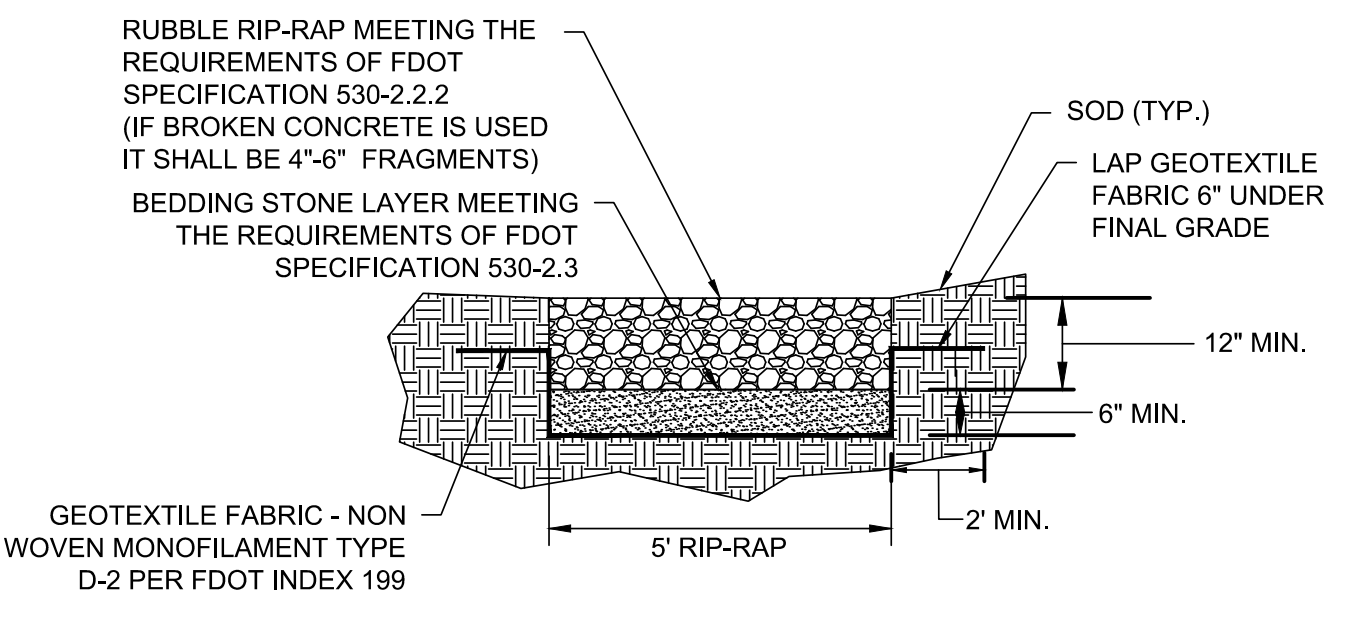
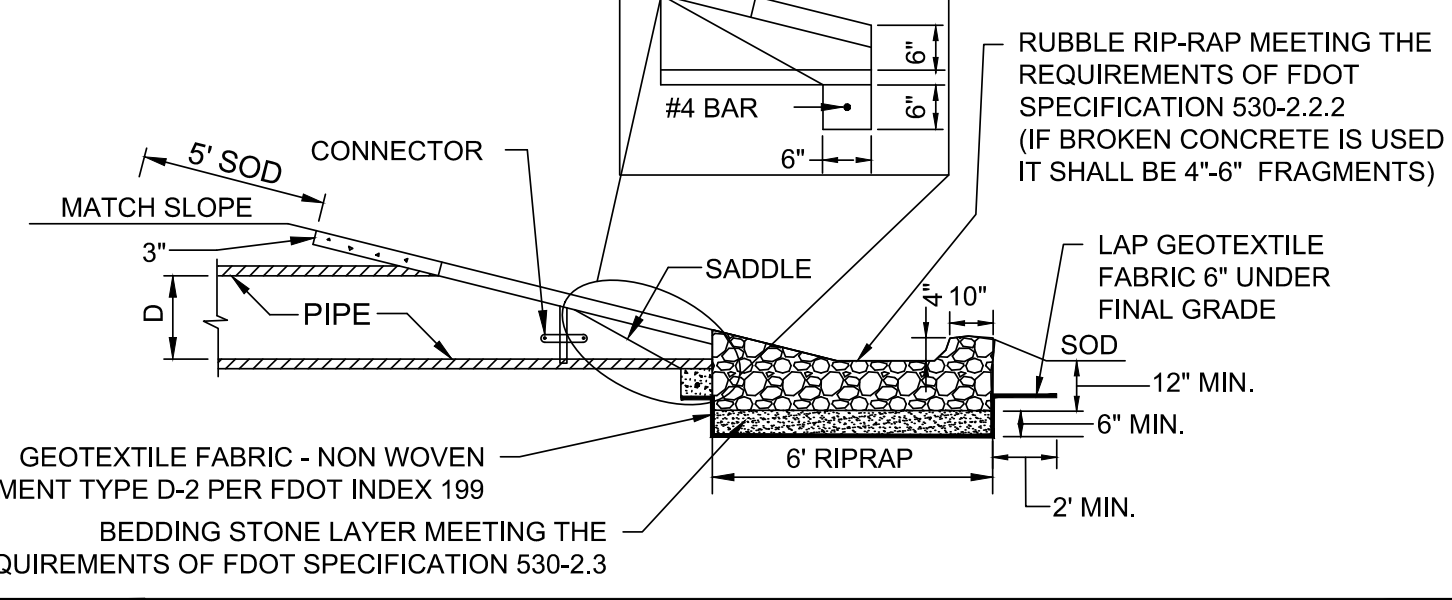


4 CONTROL STRUCTURE NTS



5 MITERED END SECTION NTS

DIMENSIONS										
	D	X	A	B	C	E	F	G	H	M
1:4 SLOPE	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.0'	4.63'
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.0'	4.92'
	24"	3'-5"	2.59'	7.16'	9.71'	7.03'	11'	1.73'	4.0'	5.50'
30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	4.0'	6.08'	



7 RIP-RAP NTS

6 NOT USED

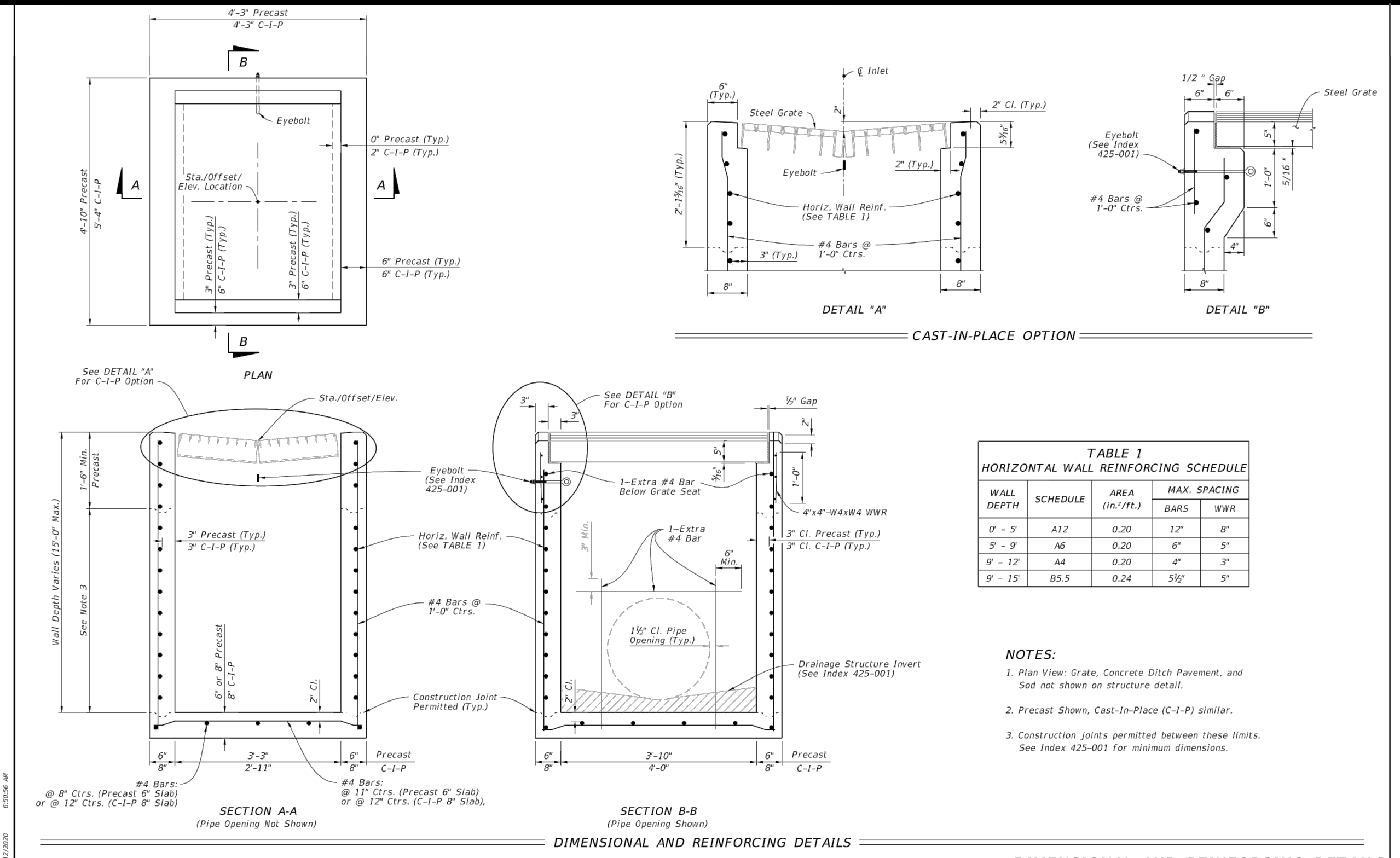
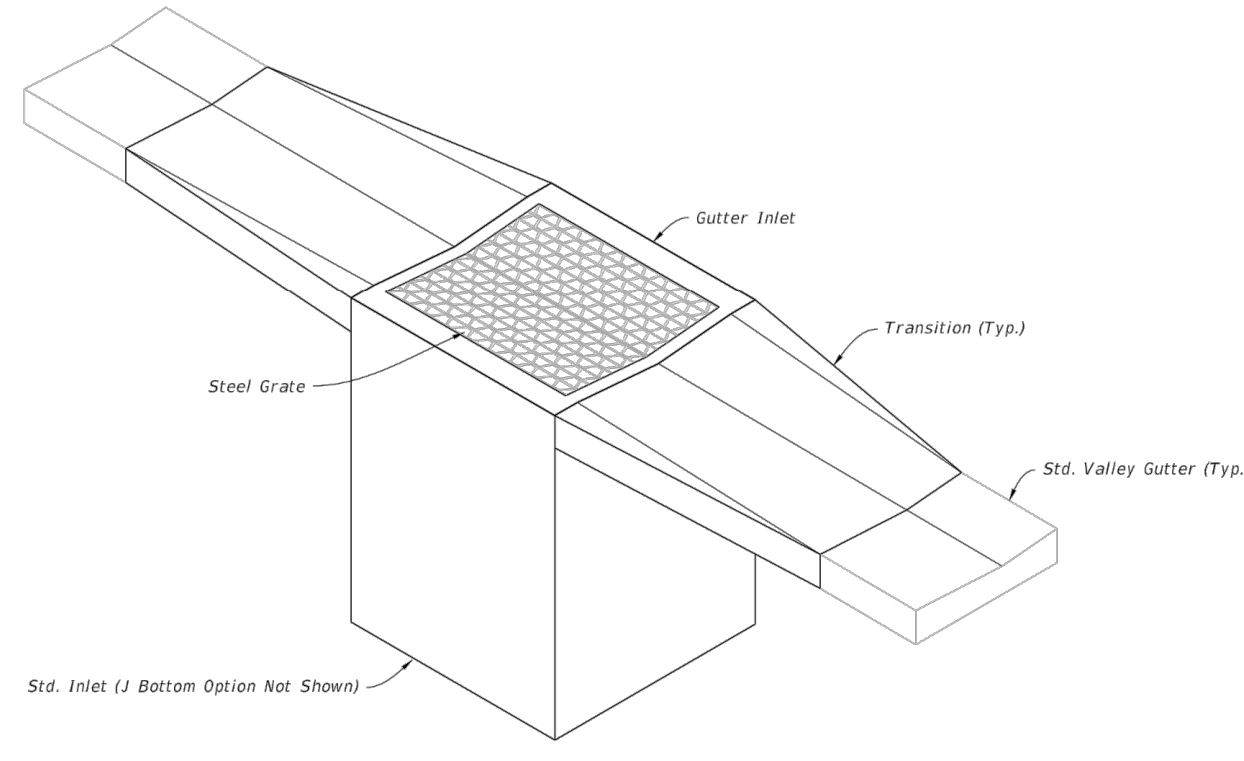


TABLE 1 HORIZONTAL WALL REINFORCING SCHEDULE				
WALL DEPTH	SCHEDULE	AREA (in. ² /ft.)	MAX. SPACING BARS	WWR
0' - 5'	A12	0.20	12"	0"
5' - 9'	A6	0.20	6"	5"
9' - 12'	A4	0.20	4"	3"
9' - 15'	B5.3	0.24	50"	5"

- NOTES:
- Plan View: Grate, Concrete Ditch Pavement, and Seal not shown on structure detail.
 - Precast Shown, Cast-In-Place (C-I-P) similar.
 - Construction joints permitted between these limits. See Index 425-001 for minimum dimensions.

- GENERAL NOTES:
- Work this Index with Index 425-001 and Index 425-010.
 - All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. See Index 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe to clear pipe top.
 - Chamfer all exposed edges and corners 1/4" or tool to 1/2" radius.
 - Dimensions are for both precast and cast-in-place inlets unless otherwise noted.

TABLE OF CONTENTS:	
Sheet	Description
1	General Notes and Contents
2	Dimensional and Reinforcing Details
3	Steel Grate Details
4	Alternate A Structure Bottom - Top Slab Details



GUTTER INLET TYPE V
(Pipe Opening Not Shown)



RKM DEVELOPMENT CORP.
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COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	FOR
1	08/10/21	CITY OF FRUITLAND PARK COMMENTS	RWB	RWB
2	10/05/21	OWNER REVISION	RWB	RWB
3	12/08/21			
4				

ENGINEER'S NAME & PE#
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # 221.056

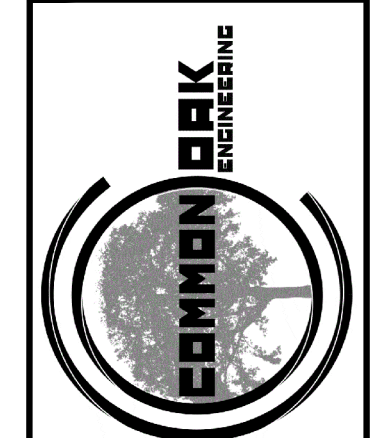
DATE 01/28/2022 SHEET

SCALE N.T.S. D2.0

GRADING DETAILS



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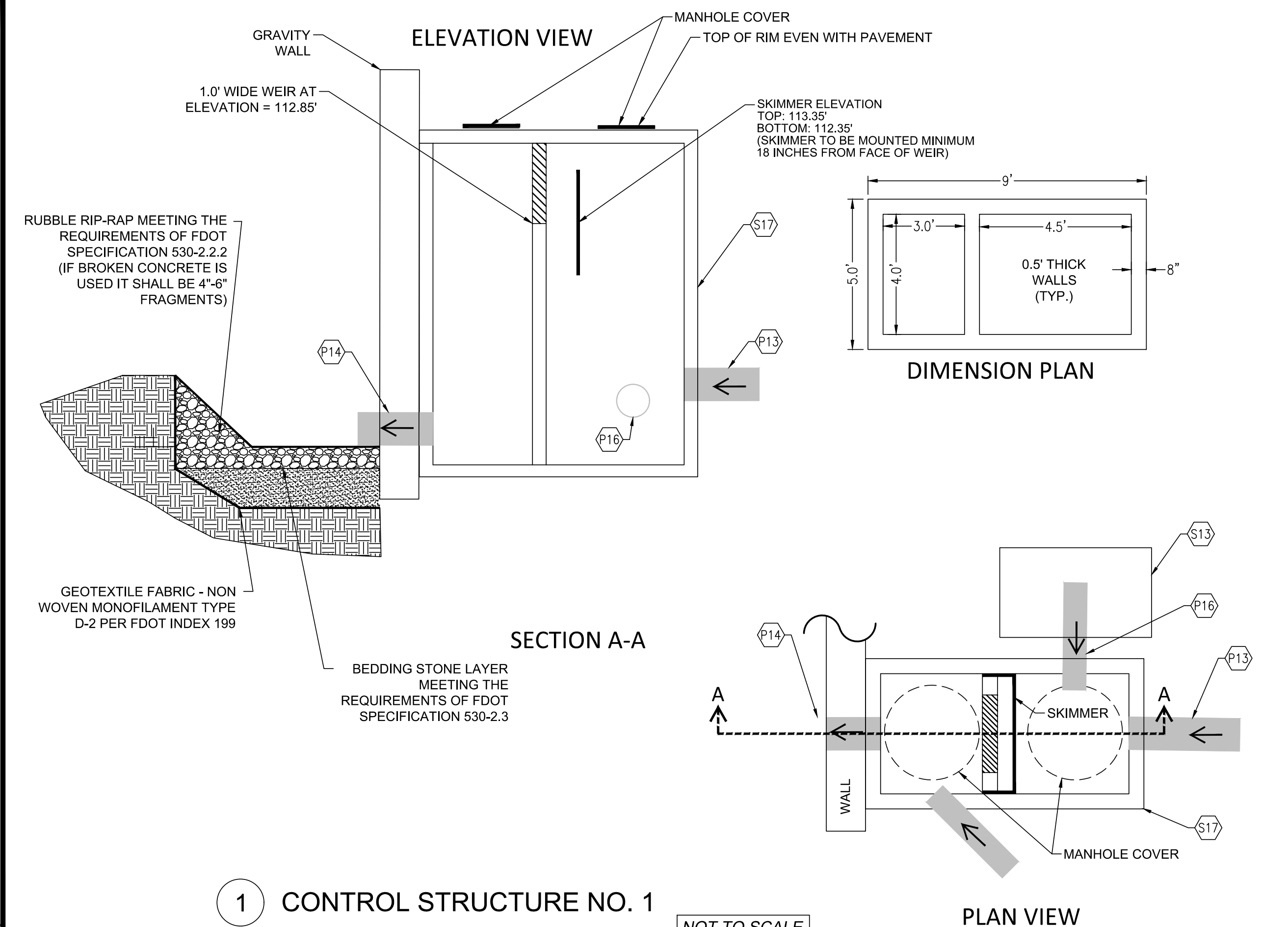
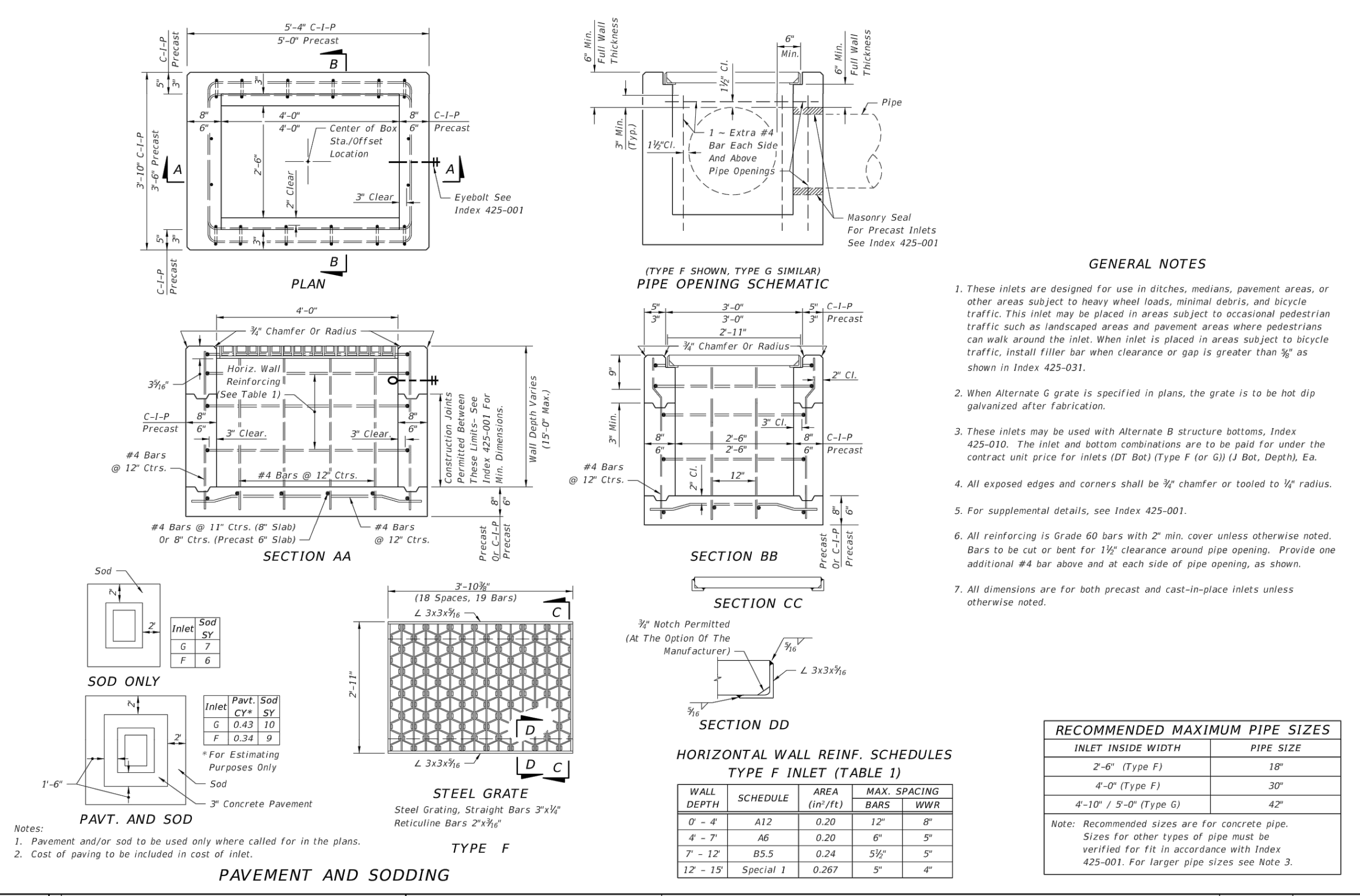
COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407) 961-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	CHKD	APP'D	COMMENTS
1	08/10/21	CITY OF FRUITLAND PARK COMMENTS				
2	09/29/21	RUBBLE RIP-RAP				
3	09/29/21	SLAB COMMENTS				
4	09/29/21	OWNER COMMENTS				
5	12/08/21	OWNER REVISION				

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE 01/28/2022 SHEET
 SCALE **D2.1**
 GRADING DETAILS



LAST REVISION	DESCRIPTION	FY 2020-21 STANDARD PLANS	DITCH BOTTOM INLET TYPES F AND G	INDEX	SHEET
11/01/17				425-053	1 of 2

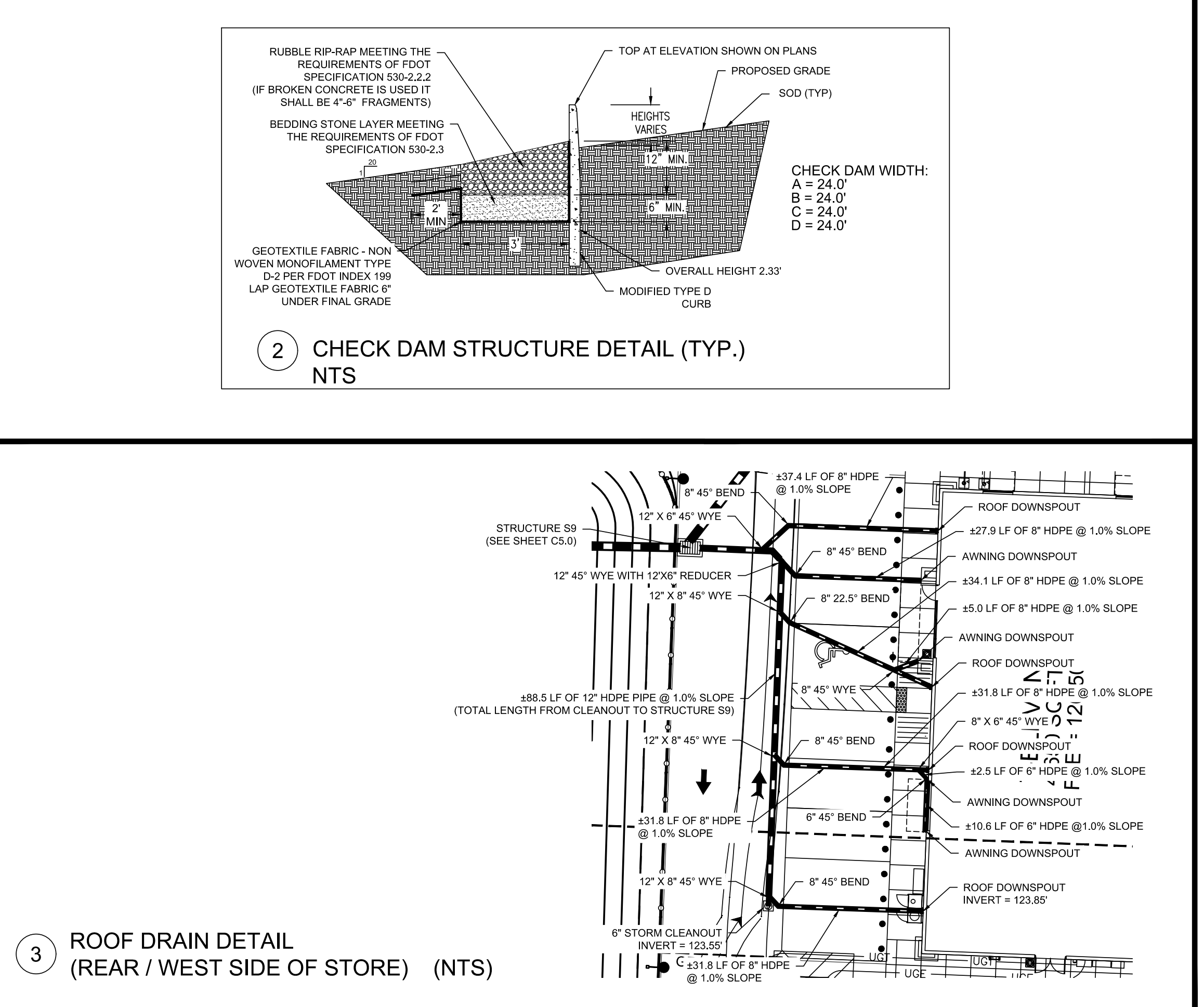


TABLE 5 - SLAB DESIGNS - SQUARE AND RECTANGULAR STRUCTURES
 (ALL SLABS 8" THICK EXCEPT AS NOTED - REINFORCING PARALLEL TO SHORT WAY AND LONG WAY)

SHORTWAY		LONGWAY		SHORTWAY		LONGWAY		SHORTWAY		LONGWAY	
SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE
8" < 12"	CS	12" < 24"	CS	8" < 12"	CS	8" < 12"	CS	8" < 12"	CS	8" < 12"	CS
12" < 24"	CS	24" < 36"	CS	12" < 24"	CS	12" < 24"	CS	12" < 24"	CS	12" < 24"	CS
24" < 36"	CS	36" < 48"	CS	24" < 36"	CS	24" < 36"	CS	24" < 36"	CS	24" < 36"	CS
36" < 48"	CS	48" < 60"	CS	36" < 48"	CS	36" < 48"	CS	36" < 48"	CS	36" < 48"	CS
48" < 60"	CS	60" < 72"	CS	48" < 60"	CS	48" < 60"	CS	48" < 60"	CS	48" < 60"	CS

TABLE 6 - SLAB DESIGNS ROUND STRUCTURES

SLAB DEPTH	SLAB THICKNESS	REIN. SCHEDULE
2'-10"	8" Precast	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS
8' < 20"	8"	CS

TABLE 2 - ALTERNATE B SQUARE AND RECTANGULAR STRUCTURES

TYPE	WALL LENGTH (FT)	MAX. DEPTH (FT)	WALL THICKNESS (in.)	C-I-P (in.)	PRECAST (in.)
P	5'-0"	40'	6" Riser	8"	6"
J	4'-0"	40'	8" Bottom	8"	6"
J	5'-0"	22'	-	8"	6"
J	6'-0"	15'	-	8"	6"
J	5'-0" to 9'-0"	40'	8" B	8"	8"
J	10'-0"	26'	8" B	8"	8"
J	10'-0" to 12'-0"	40'	10" B	8"	8"
J	16'-0"	25'	-	8"	9"
J	16'-0"	40'	10" B	8"	9"
J	20'-0"	25'	-	8"	9"
J	20'-0"	30'	10" B	8"	10"

TABLES 5 AND 6

SLAB AND WALL DESIGN TABLE NOTES

- Size is the inside dimension(s) of a structure.
- Slab reinforcement is appropriate for top, intermediate, and bottom slabs.
- Bottom Slabs For precast 3'-0" x 3'-0" rectangular structures at 12" depth or less, may be #4 (10#).
- Slab depth is measured from finished grade to top of slab.
- Reinforcing schedules with larger areas of steel may be substituted for schedules with smaller bar or wire spacing, except that Schedule B10 may not be substituted for Schedule A6. See Index 425-001 for allowable bar spacing adjustments when larger areas of reinforcing are substituted.

LAST REVISION	DESCRIPTION	FY 2021-22 STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/20				425-010	4 of 4



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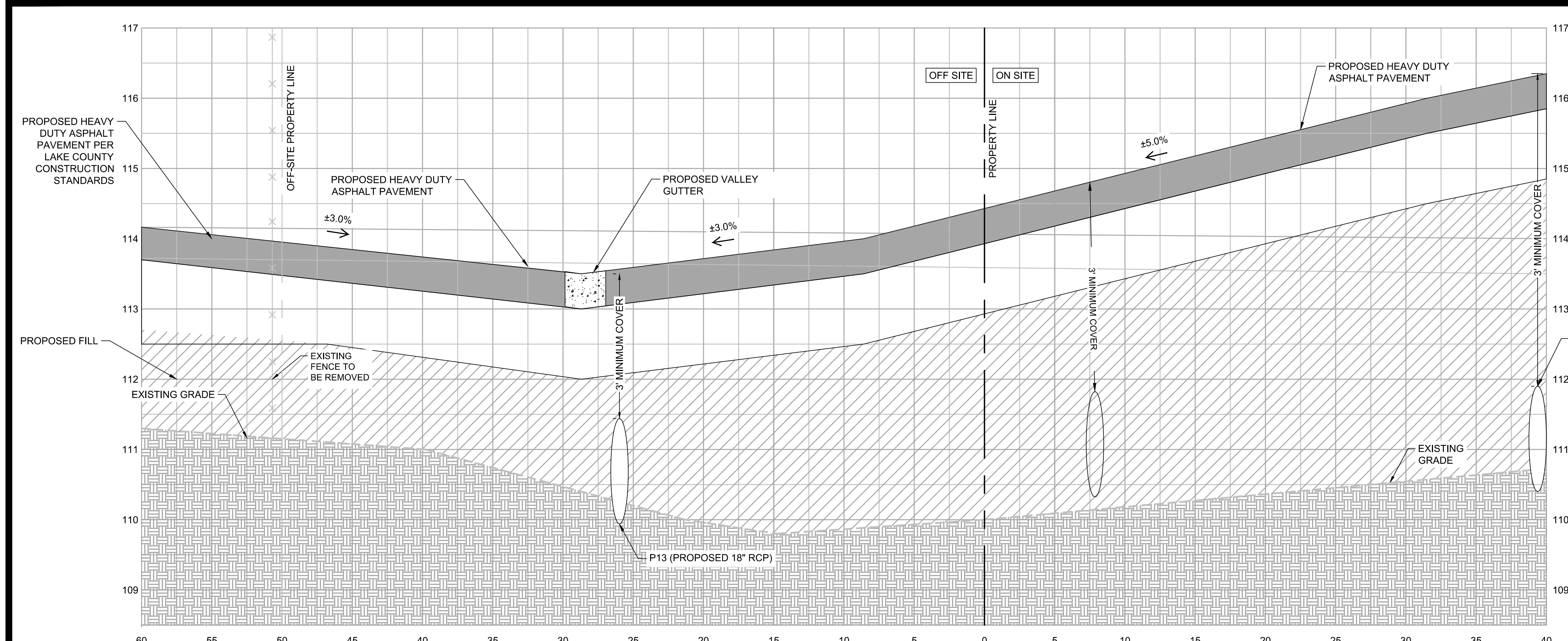
COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407) 951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

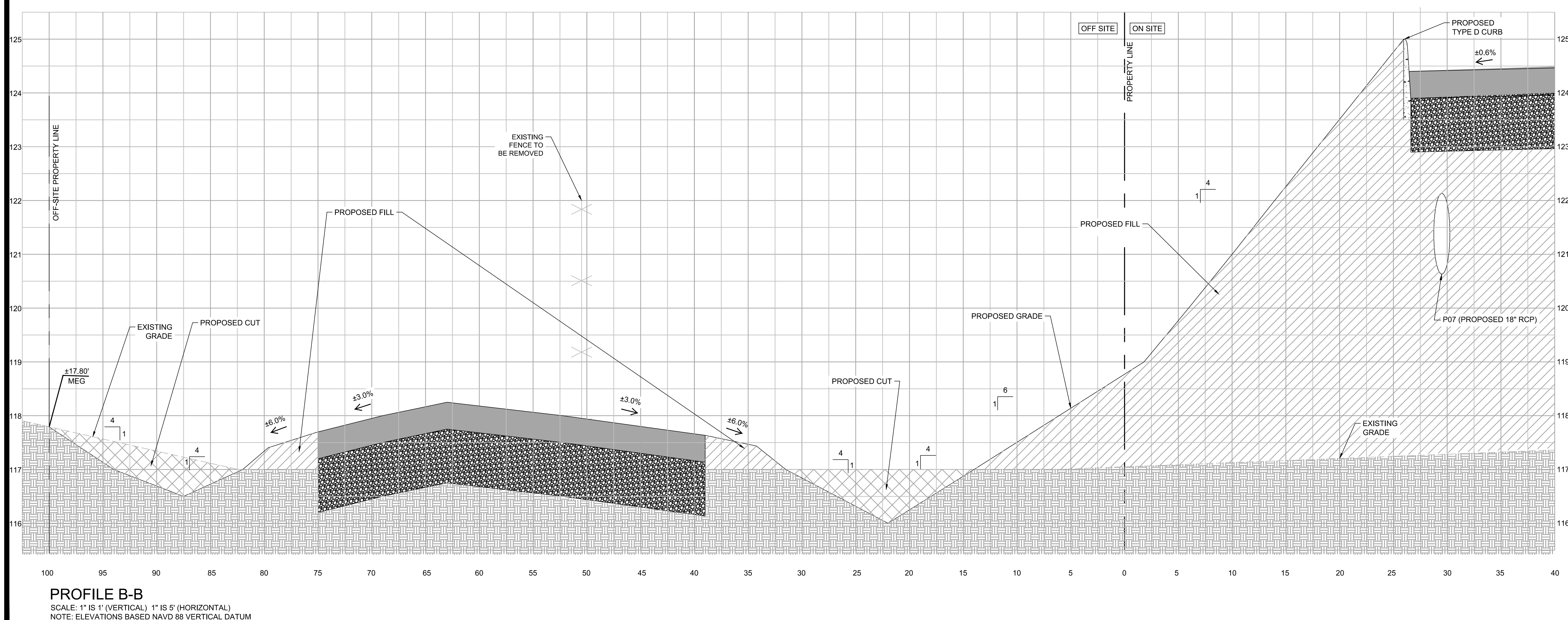
NO.	DATE	REVISION/ISSUE
1	08/17/21	CITY OF FRUITLAND PARK COMMENTS
4	07/19/21	SURVIVOR COMMENTS

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

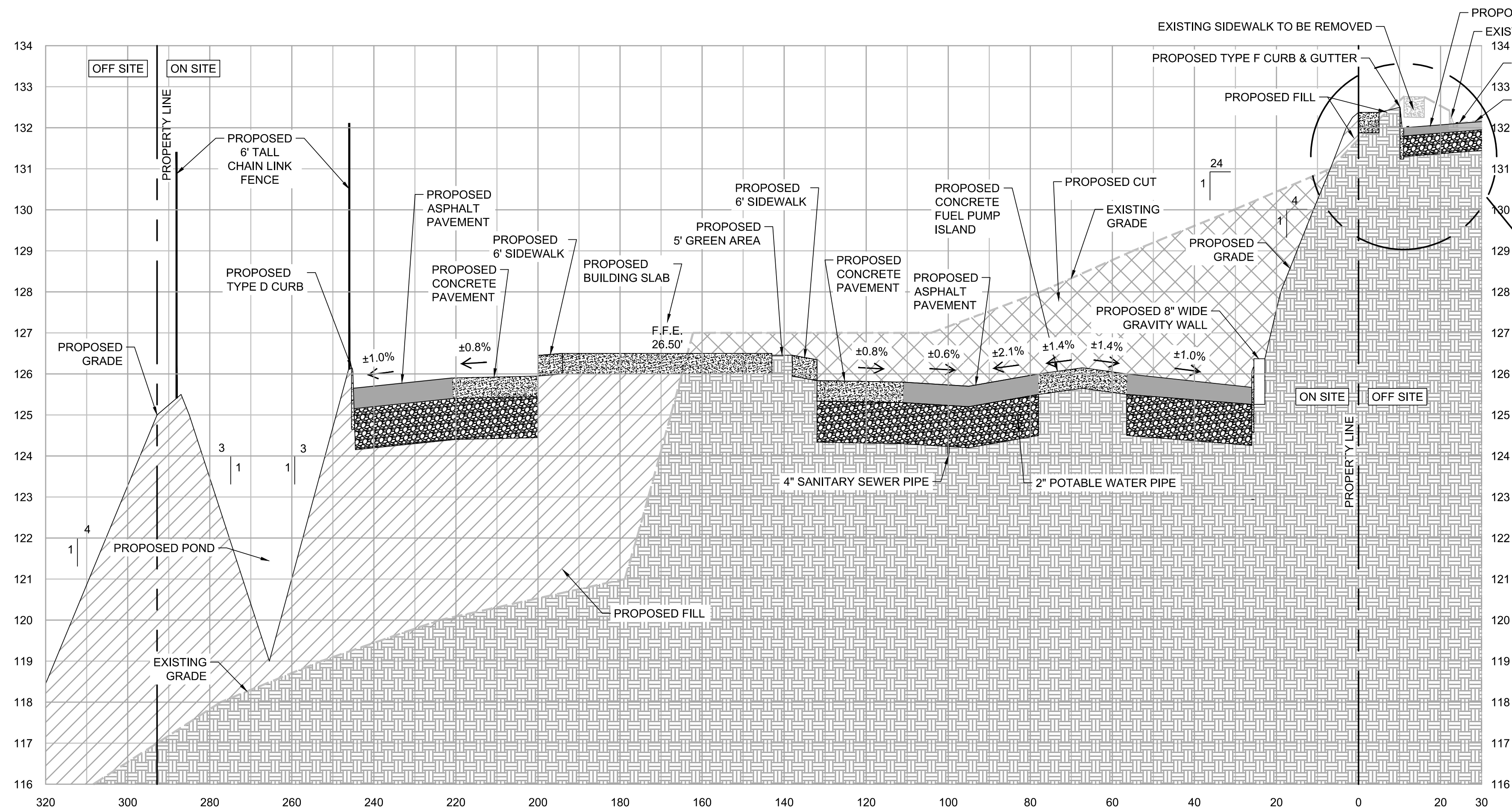
PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **N.T.S.** **D2.2**
GRADING DETAILS



PROFILE A-A
 SCALE: 1" IS 1' (VERTICAL) 1" IS 5' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM



PROFILE B-B
 SCALE: 1" IS 1' (VERTICAL) 1" IS 5' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

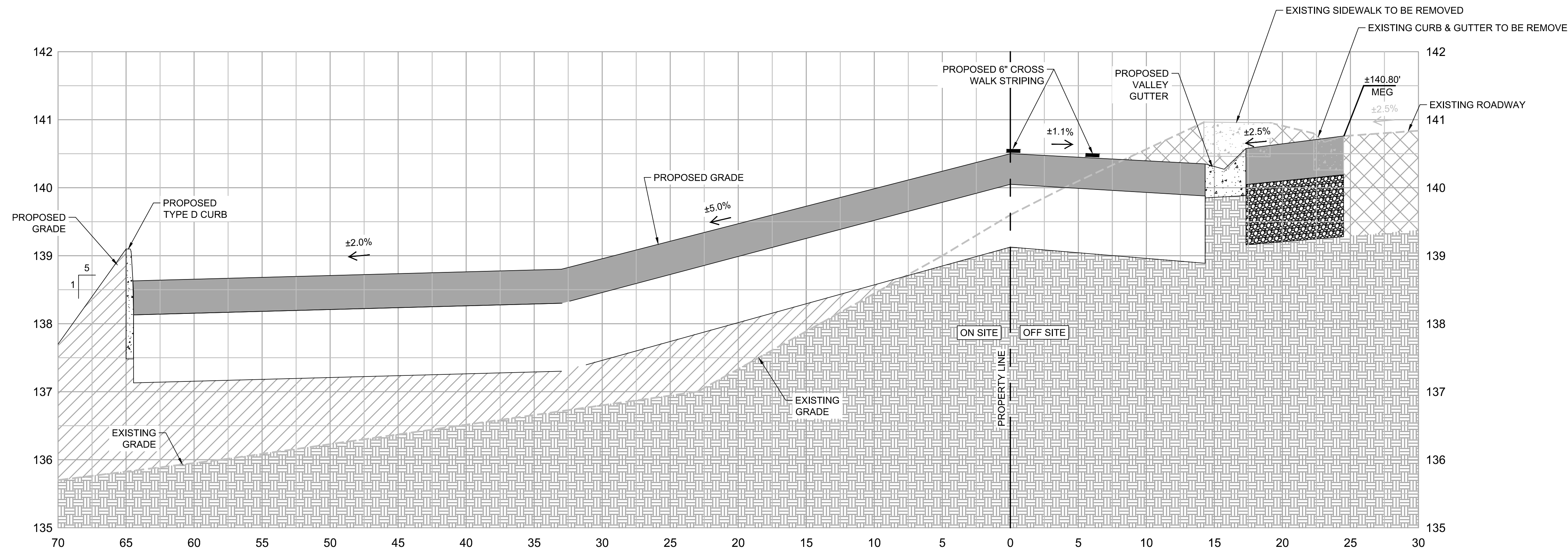
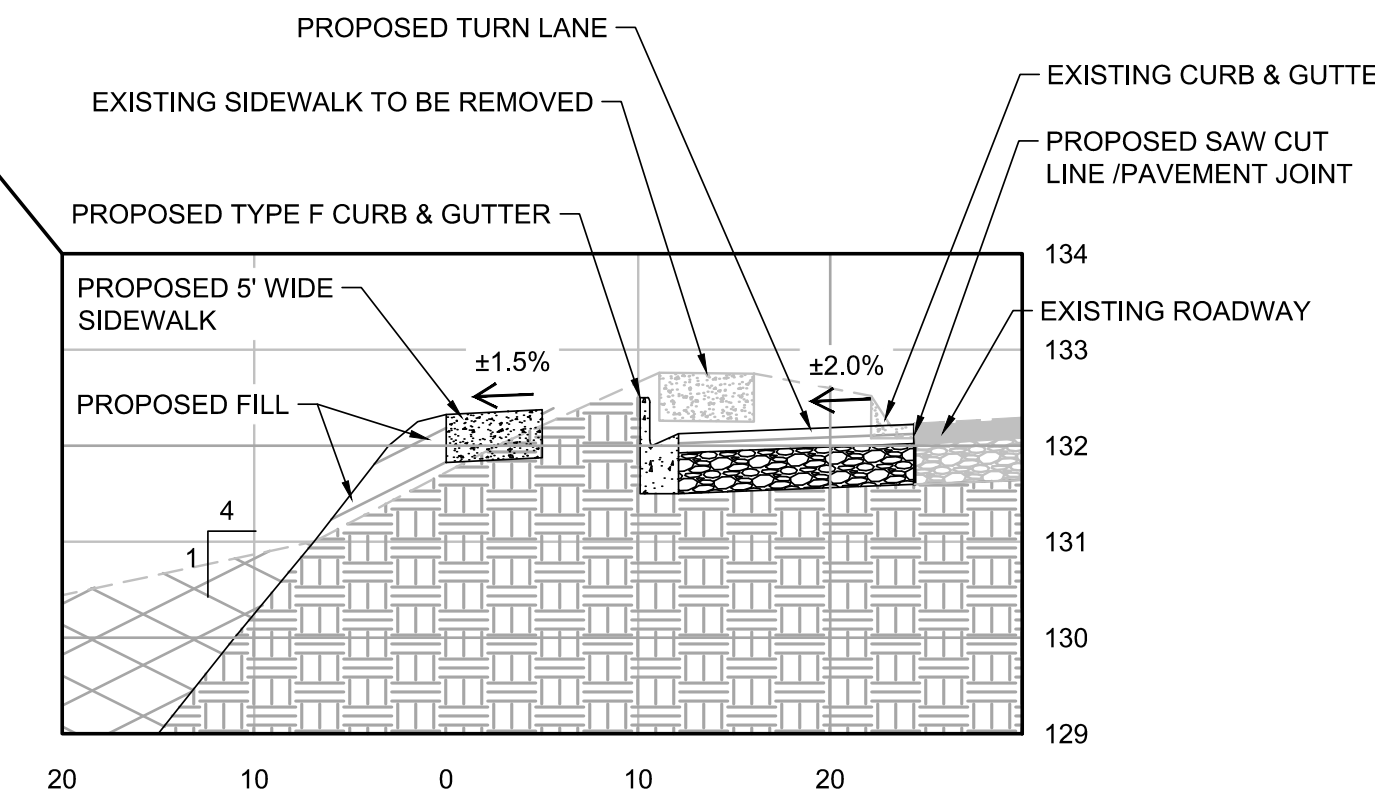


PROFILE C-C
 SCALE: 1" IS 2' (VERTICAL) 1" IS 20' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

PROFILE C-C ROW BLOWUP
 SCALE: 1" IS 2' (VERTICAL) 1" IS 10' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

LEGEND

- EXISTING EARTH
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- ROAD BASE MATERIAL
- PROPOSED CUT
- PROPOSED FILL



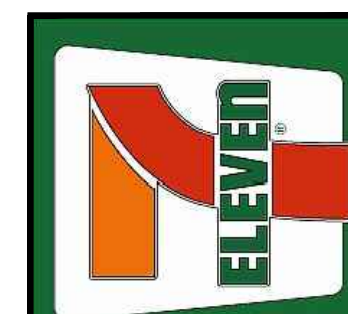
PROFILE D-D
 SCALE: 1" IS 1' (VERTICAL) 1" IS 5' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

POND STAGING

STORMWATER STAGES	
BASE OF AQUIFER	EL. = 113.00'
SHWT STAGE	EL. = 113.50'
POND BOTTOM	EL. = 119.00'
MEAN ANNUAL	EL. = 121.18'
WQTV STAGE	EL. = 120.86'
25YR/24HR PEAK STAGE	EL. = 123.00'
25YR/96HR PEAK STAGE	EL. = 123.69'
100YR/24HR PEAK STAGE	EL. = 124.14'

NOTE: FOR POND AND SWALE SLOPE STABILIZATION MEASURES REFER TO THE "EROSION AND SEDIMENT CONTROL NOTES" ON SHEET C9.1.

NOTE: FOR ANY ON-SITE OR IMPORTED FILL, SEE "SUITABLE FILL NOTE" ON SHEET C2.2



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 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY:	CHK:	APP:
1	06/17/21	CITY OF FRUITLAND PARK COMMENTS	RWB	JLE	
2	06/30/21	CITY COMMENTS - NO PARK, RAI #1	RWB	JLE	
3	07/13/21	SURVIMD COMMENTS	RWB	JLE	
4	07/13/21	SURVIMD COMMENTS	RWB	JLE	
5	08/17/21	SURVIMD COMMENTS	RWB	JLE	
6	10/29/21	SURVIMD COMMENTS	RWB	JLE	
7	11/09/21	FOOT COMMENTS	AJB	JLE	
8	12/08/21	OWNER REVISION	RWB	JLE	

ENGINEER'S NAME & PE#

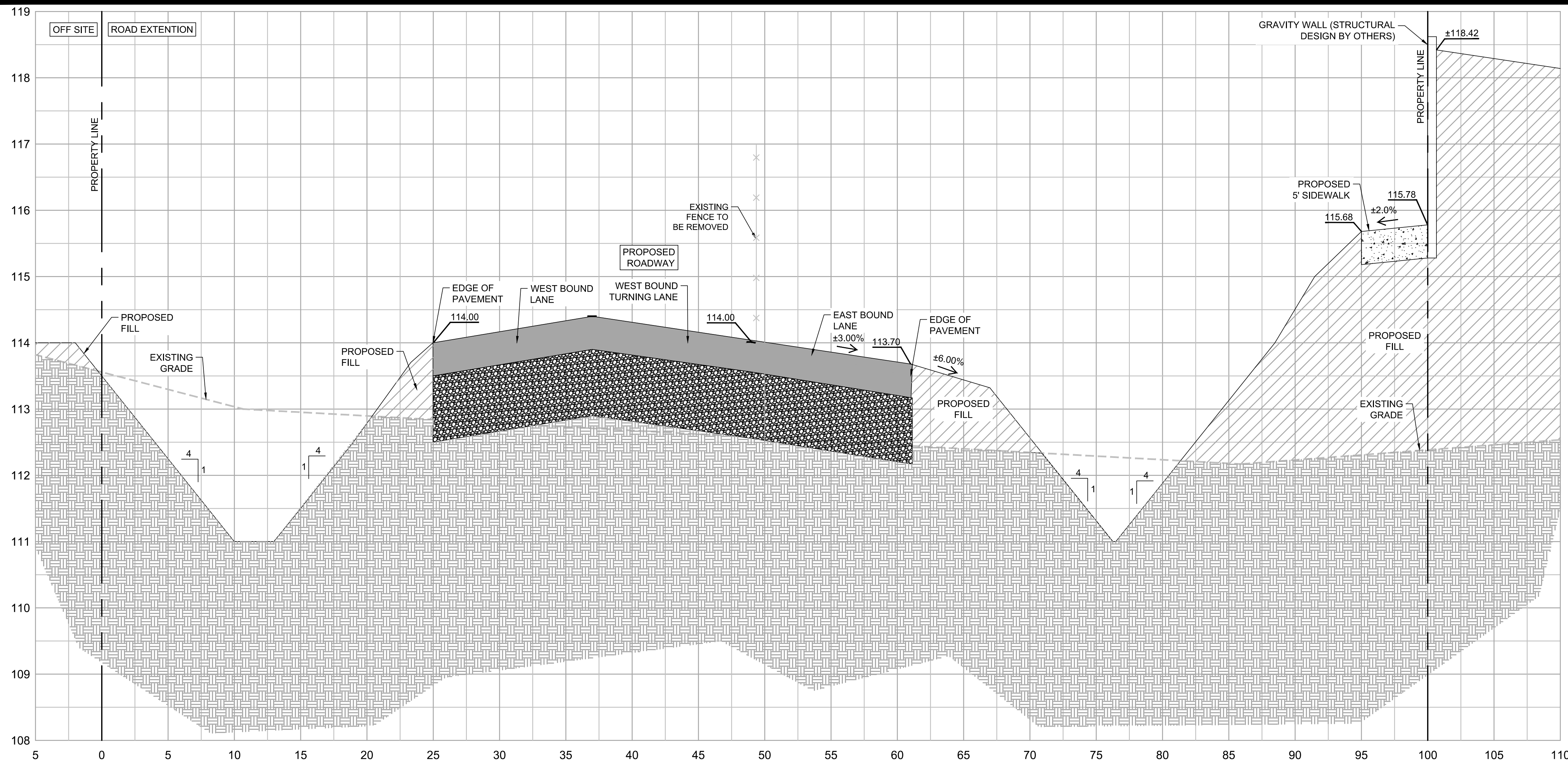
JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**

DATE **01/28/2022** SHEET

SCALE **D2.3**
 N.T.S.

GRADING DETAILS



PROFILE E-E
 SCALE: 1" IS 1' (VERTICAL) 1" IS 5' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

LEGEND

	EXISTING EARTH
	PROPOSED CONCRETE
	PROPOSED ASPHALT
	ROAD BASE MATERIAL
	PROPOSED CUT
	PROPOSED FILL

NOTE: FOR POND AND SWALE SLOPE STABILIZATION MEASURES REFER TO THE 'EROSION AND SEDIMENT CONTROL NOTES' ON SHEET C9.1.

NOTE: FOR ANY ON-SITE OR IMPORTED FILL, SEE "SUITABLE FILL NOTE" ON SHEET C2.2

SWALE STAGING

STORMWATER STAGES	
MEAN ANNUAL PEAK	EL. = 112.98
25YR/24HR PEAK STAGE	EL. = 113.84

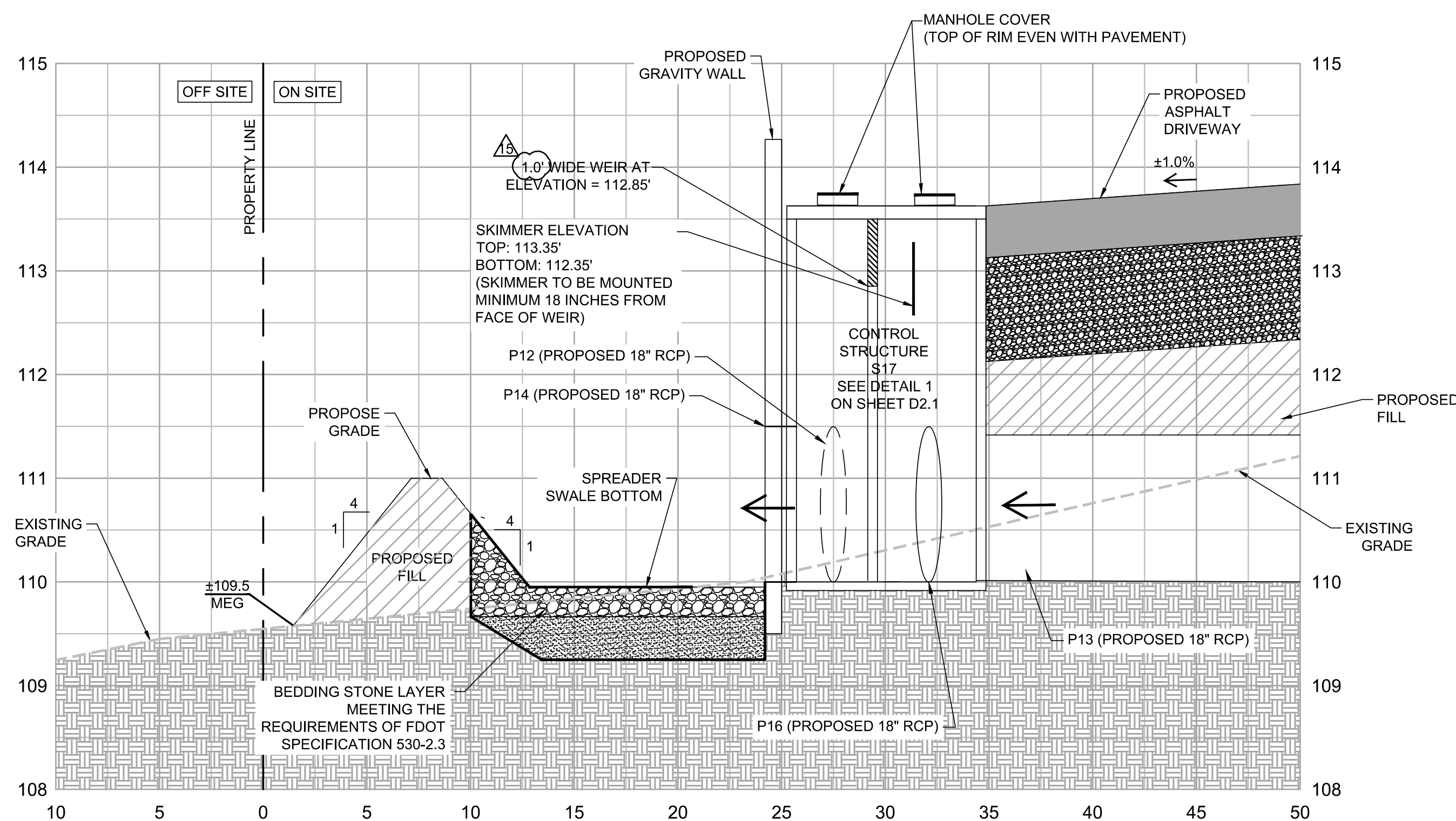


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 (407) 951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731



PROFILE F-F
 SCALE: 1" IS 1' (VERTICAL) 1" IS 5' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

NO.	DATE	REVISION/ISSUE	BY	CHK	APP
1	08/10/21	CITY OF FRUITLAND PARK COMMENTS	RWB	JLE	
2	08/20/21	CITY OF FRUITLAND PARK RAI #1	RWB	JLE	
3	09/29/21	CITY OF FRUITLAND PARK COMMENTS	RWB	JLE	
4	10/13/21	CITY OF FRUITLAND PARK COMMENTS	RWB	JLE	
10	10/13/21	CITY OF FRUITLAND PARK COMMENTS	RWB	JLE	
15	01/13/22	SURVIVOR COMMENTS	RWB	JLE	

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE 01/28/2022 SHEET
 SCALE N.T.S. **D2.4**

GRADING DETAILS



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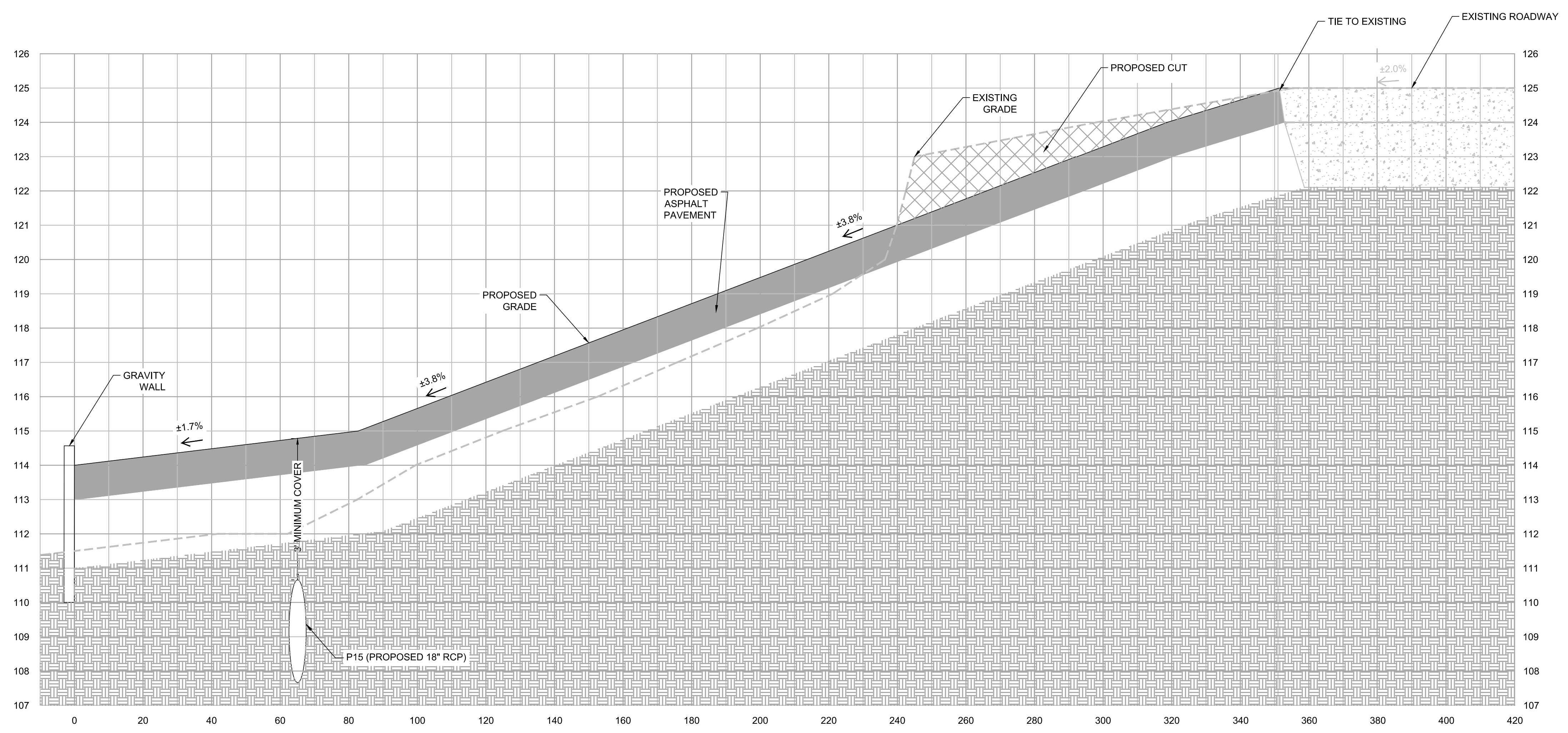
NO.	DATE	REVISION/ISSUE	BY:	CHK:
1	06/15/21	ISSUE FOR PERMITS AND PARK COMMENTS	RJH	RJH
2	07/12/21	FOR COMMENTS	RJH	RJH
4	07/12/21	SUBMIT COMMENTS	RJH	RJH

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE 01/28/2022 SHEET
 SCALE N.T.S. **D2.7**
GRADING DETAILS

LEGEND

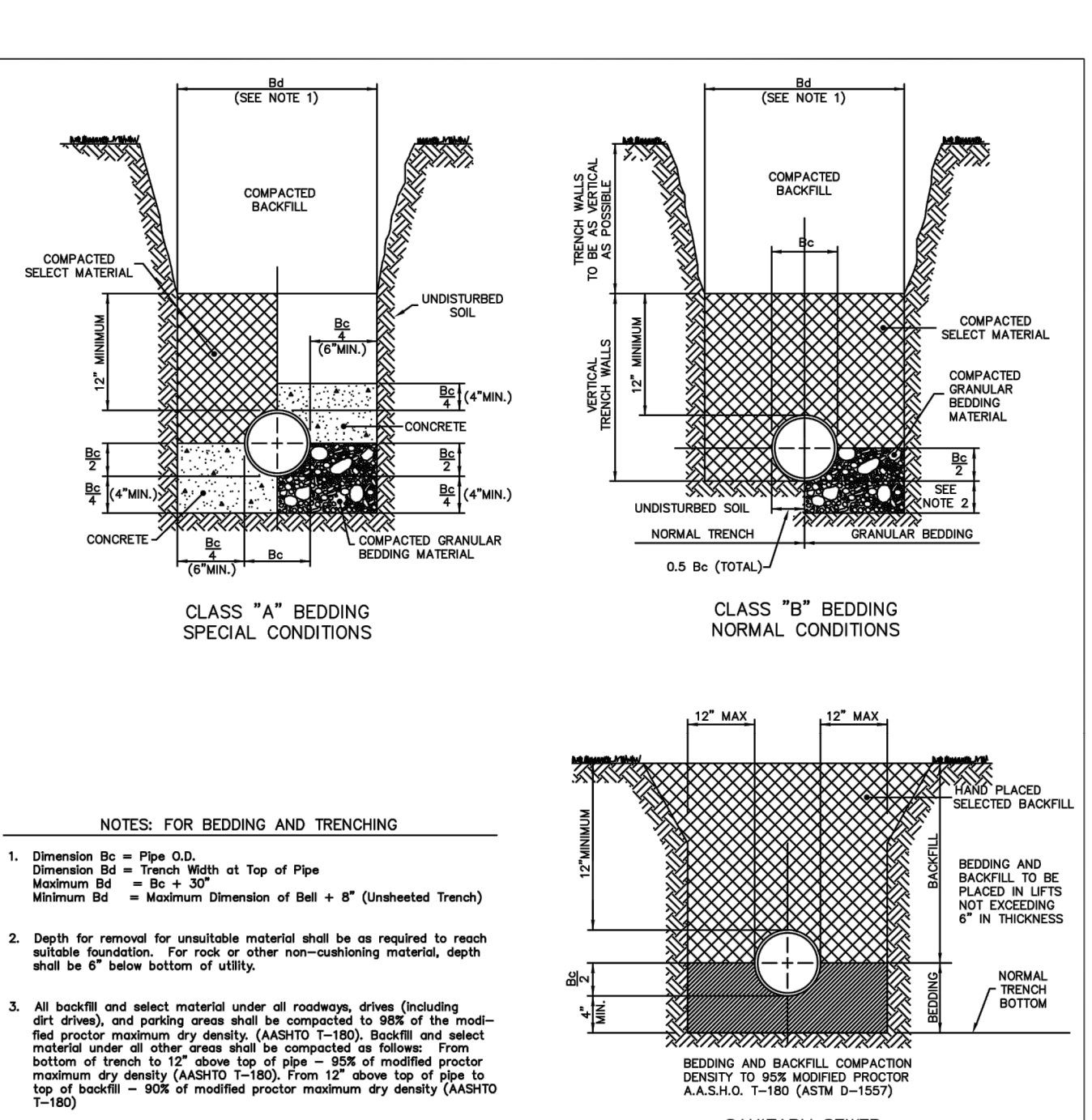
- PROPOSED CONCRETE
- EXISTING EARTH
- PROPOSED ASPHALT
- ROAD BASE MATERIAL
- PROPOSED CUT
- PROPOSED FILL



PROFILE I-I
 SCALE: 1" IS 2' (VERTICAL) 1" IS 20' (HORIZONTAL)
 NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

NOTE: FOR POND AND SWALE SLOPE STABILIZATION MEASURES REFER TO THE "EROSION AND SEDIMENT CONTROL NOTES" ON SHEET C9.1.

NOTE: FOR ANY ON-SITE OR IMPORTED FILL, SEE "SUITABLE FILL NOTE" ON SHEET C2.2



CLASS "A" BEDDING SPECIAL CONDITIONS

CLASS "B" BEDDING NORMAL CONDITIONS

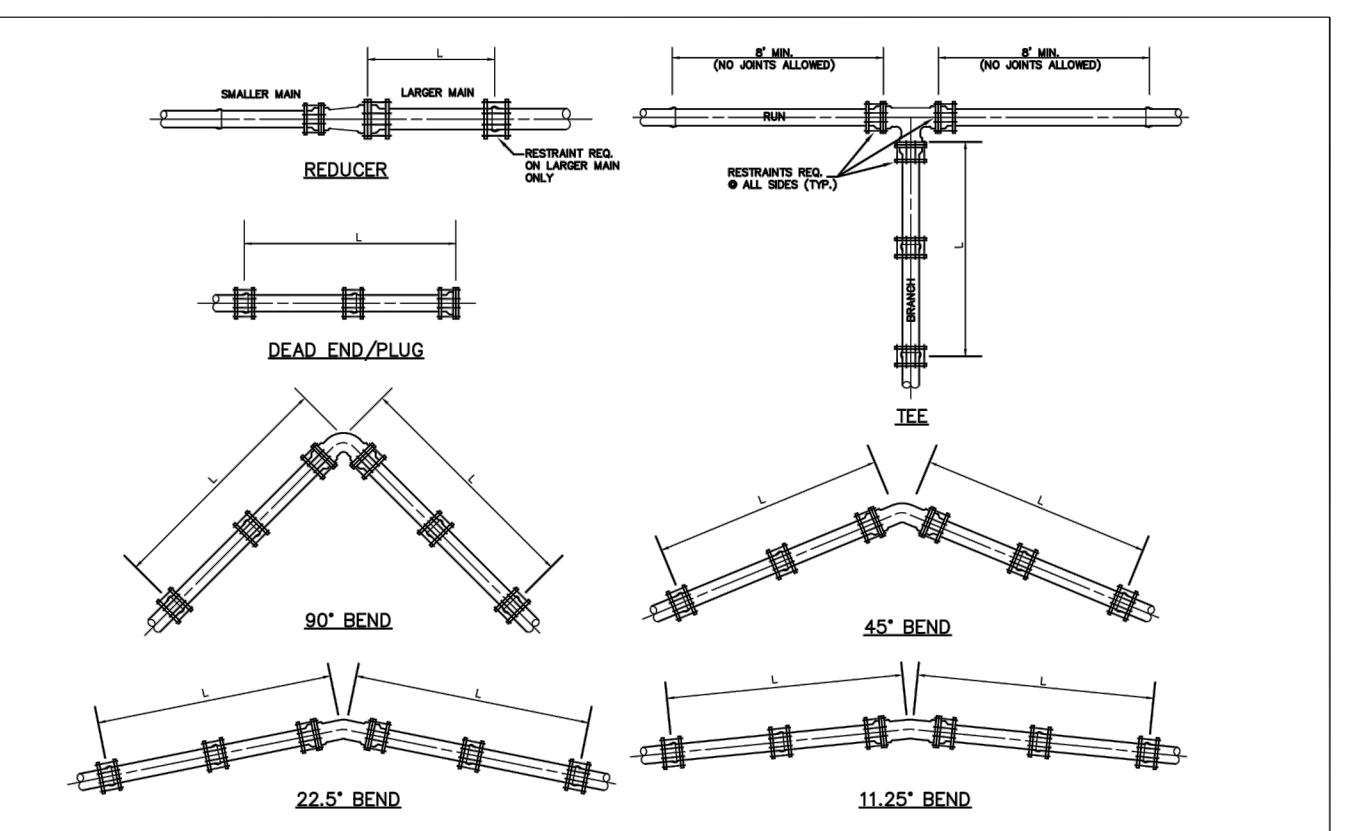
NOTES: FOR BEDDING AND TRENCHING

- Dimension B₁ = Pipe O.D.
Dimension B₂ = Trench Width at Top of Pipe
Minimum B₂ = Maximum Dimension of Bell + 8" (Unheated Trench)
- Depth of removal for unsuitable material shall be as required to reach suitable foundation. For rock or other non-combusting material, depth shall be 6" below bottom of utility.
- All backfill and select material under all roadways, drives (including gas drives), and parking areas shall be compacted to 90% of the modified proctor maximum dry density (ASTM D-1557) and select material under all other areas shall be compacted as follows: from bottom of trench to 12" above top of pipe = 95% of modified proctor maximum dry density (ASTM D-1557); from 12" above top of pipe to top of backfill = 90% of modified proctor maximum dry density (ASTM D-1557).

BEDDING DETAILS
NOT TO SCALE

Sanitary Sewer Pipe Bedding

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-3



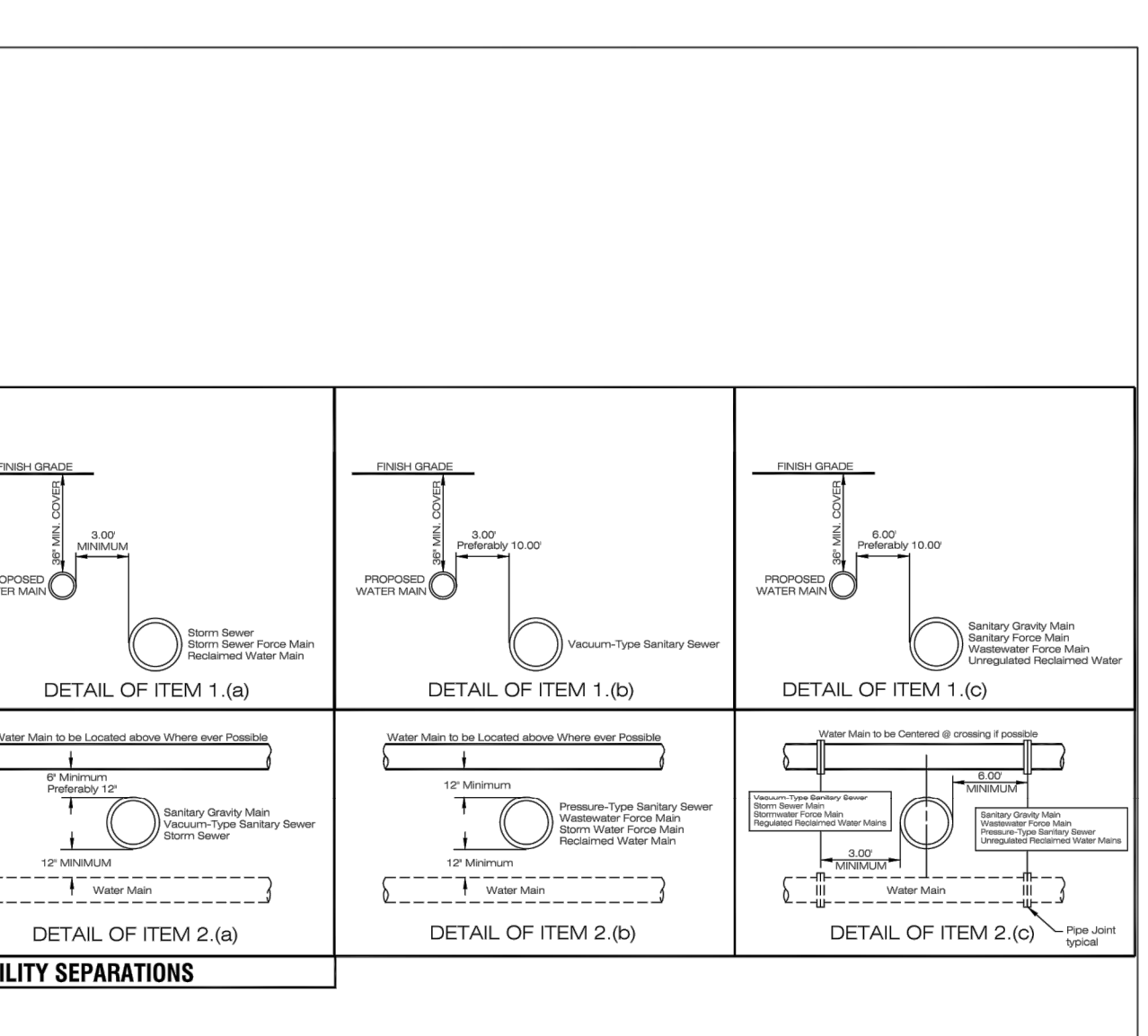
PIPE DIA.	22.5° BEND		45° BEND		90° BEND		11.25° BEND	
INCHES	MAX. L	MIN. L	MAX. L	MIN. L	MAX. L	MIN. L	MAX. L	MIN. L
4	20"	16"	15"	12"	10"	8"	15"	12"
6	28"	22"	18"	14"	12"	10"	20"	16"
8	36"	28"	22"	18"	16"	14"	28"	22"
10	42"	34"	28"	22"	20"	18"	34"	28"
12	50"	40"	34"	28"	26"	24"	42"	36"
16	62"	50"	42"	36"	34"	32"	52"	46"
18	70"	56"	48"	42"	40"	38"	60"	54"
20	78"	64"	54"	48"	46"	44"	68"	62"
24	96"	80"	68"	62"	60"	58"	84"	78"

THRUST RESTRAINT DESIGN NOTES:

- RESTRAINT JOINTS, FITTINGS, & VALVE REQUIREMENTS CALCULATED BY THE THRUST RESTRAINT DESIGN PROGRAM PROVIDED BY ONE-PLANS, THE FORD METER BOX COMPANY, INC.
- DATA BASED ON MAX. PRESSURE OF 150 P.S.I., THE UNIFIED SOIL CLASSIFICATION SYSTEM (USCS), TYPE "SP", THE PIPE BEDDED IN NATIVE SOIL, & A MINIMUM OF 2.5' COMPACTED FILL OVER THE PIPE, AND USING A SAFETY FACTOR OF 1.5 FOR THE DATA.
- ALL FITTINGS & VALVES SHALL HAVE RESTRAINED JOINTS PER SPECIFICATIONS & ALL BELL & GASKET JOINTS TO BE RESTRAINED WITH A RESTRAINED HARDNESS WITHIN THE REQUIRED LENGTH OF RESTRAINED PIPE (L).
- THRUST BLOCKS SHALL BE USED ONLY AS SPECIFIED BY PROJECT ENGINEER.

THRUST RESTRAINT DETAILS
NOT TO SCALE

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-6



DETAIL OF ITEM 1 (a)

DETAIL OF ITEM 1 (b)

DETAIL OF ITEM 1 (c)

DETAIL OF ITEM 2 (a)

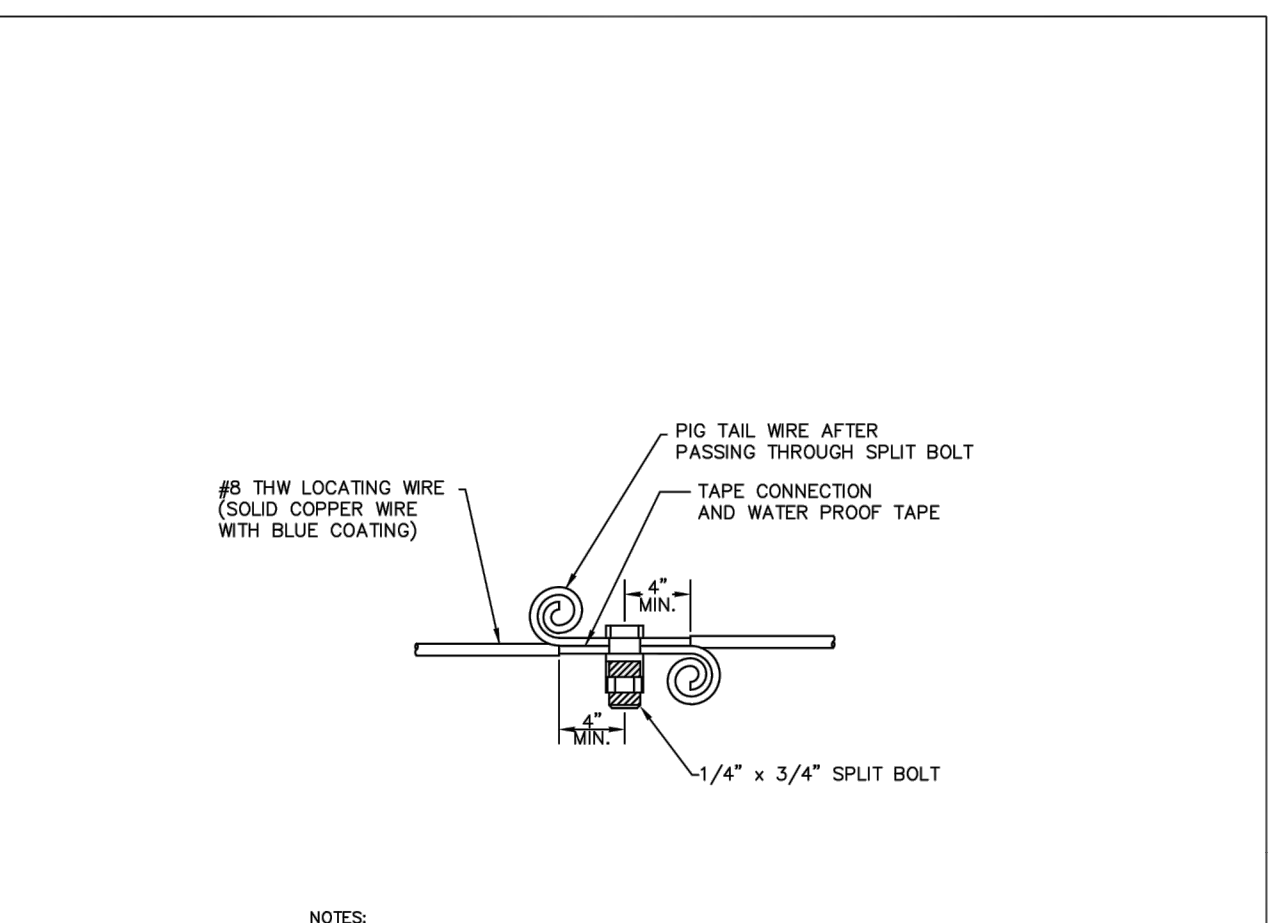
DETAIL OF ITEM 2 (b)

DETAIL OF ITEM 2 (c)

UTILITY SEPARATIONS

PIPE CLEARANCE
NOT TO SCALE

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-4A



LOCATING WIRE SPLICING
NOT TO SCALE

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-8

General Water Notes

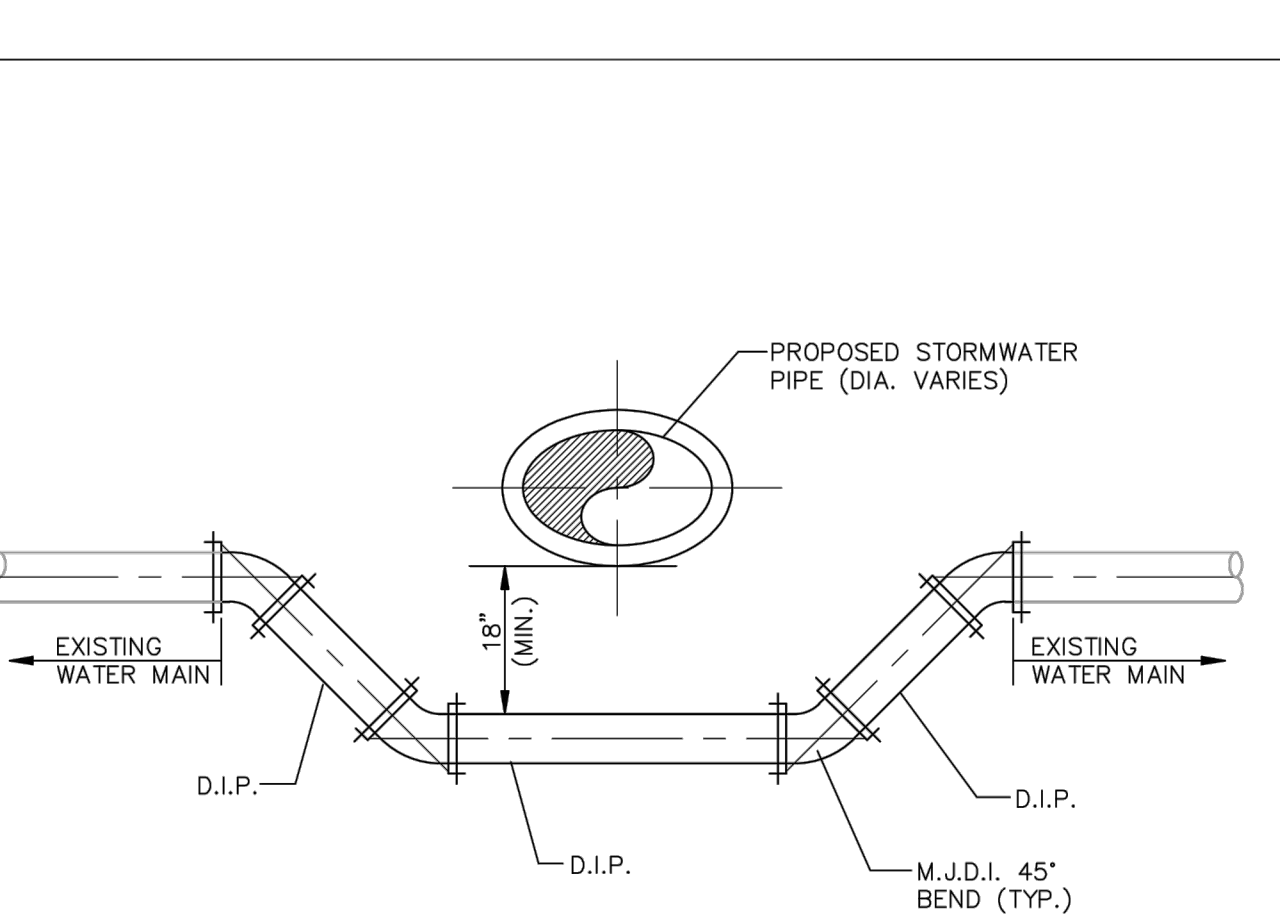
- WATER SYSTEM COMPONENTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEANED FOR SERVICE (AS FURNISHED).
- ALL FITTINGS SHALL BE THE TOP SIZE FOR PORTABLE WATER.
- WATER MAINS SHALL BE PVC CONFORMING TO ASTM D-2238, 20" TO 24" FOR ALL COLLARS, CLEANING COMPOUNDS, SOLVENTS, LUBRICANTS, AND PIPE RESTRICTION (NO LUBRICANTS SHALL BE APPLIED TO ANY JOINTS WITHIN THE MANUFACTURER'S LATEST RECOMMENDATIONS).
- DEPTH OF WATER LINES TO BE 18" MINIMUM COVER FROM FINISH GRADE.
- WATER MAINS TO BE LOCATED TO BE 18" FROM BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL BELIEFS UNDER PAVEMENT SHALL EXTEND 6" BEYOND THE BACK OF CURB.
- DISINFECTING: FOLLOWING THE PRESURE TESTING, THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE WATER DISTRIBUTION SYSTEM. DISINFECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF ANNA CODES AND THE APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES.
- ALL HYDROSTATIC TEST SHALL BE IN ACCORDANCE WITH ANNA CODES FOR DUCTILE IRON PIPE AND COMPOSITE PIPES.
- ALL WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH ANNA CODES, 800-556-8283/84 AND 800-556-8284/85 AND ALL APPLICABLE LOCAL ORDINANCES AND ALL APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES.
- CONDUIT (FIBER OPTIC AND PHONE) MATERIALS INTERNAL COATING AND LUBRICANTS, FITTINGS, SPECIALS AND HARDWARE SHALL ALL BE IN ACCORDANCE WITH THE CORRESPONDING ANNA STANDARDS AND BE COMPATIBLE WITH THE REQUIREMENTS OF THE LOCAL CODES AND ALL APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES. IF DOCUMENTATION AND ASSURANCES ARE PROVIDED BY THE MANUFACTURER OF THE MATERIALS, THE CONTRACTOR SHALL ALSO APPLY. POLYETHYLENE TEREPHTHALATE (PET) AND VALVES SHALL BE PER ANNA CODES.
- ALL WATER MAIN JOINTS SHALL BE IN ACCORDANCE WITH ANNA CODES, 800-556-8283/84 AND 800-556-8284/85 AND ALL APPLICABLE LOCAL ORDINANCES AND ALL APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES. IF DOCUMENTATION AND ASSURANCES ARE PROVIDED BY THE MANUFACTURER OF THE MATERIALS, THE CONTRACTOR SHALL ALSO APPLY. POLYETHYLENE TEREPHTHALATE (PET) AND VALVES SHALL BE PER ANNA CODES.
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Utility Construction Notes (DEP)

- NO SLOPE IS TO BE MAINTAINED ON ALL WATER MAINS. THE PURPOSE OF THIS SECTION IS TO PROVIDE WATER MAINS, INCLUDING TREATMENT AND STORAGE, TO BE INSTALLED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEANED FOR SERVICE (AS FURNISHED).
- ALL FITTINGS SHALL BE THE TOP SIZE FOR PORTABLE WATER.
- WATER MAINS SHALL BE PVC CONFORMING TO ASTM D-2238, 20" TO 24" FOR ALL COLLARS, CLEANING COMPOUNDS, SOLVENTS, LUBRICANTS, AND PIPE RESTRICTION (NO LUBRICANTS SHALL BE APPLIED TO ANY JOINTS WITHIN THE MANUFACTURER'S LATEST RECOMMENDATIONS).
- DEPTH OF WATER LINES TO BE 18" MINIMUM COVER FROM FINISH GRADE.
- WATER MAINS TO BE LOCATED TO BE 18" FROM BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL BELIEFS UNDER PAVEMENT SHALL EXTEND 6" BEYOND THE BACK OF CURB.
- DISINFECTING: FOLLOWING THE PRESURE TESTING, THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE WATER DISTRIBUTION SYSTEM. DISINFECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF ANNA CODES AND THE APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES.
- ALL HYDROSTATIC TEST SHALL BE IN ACCORDANCE WITH ANNA CODES FOR DUCTILE IRON PIPE AND COMPOSITE PIPES.
- ALL WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH ANNA CODES, 800-556-8283/84 AND 800-556-8284/85 AND ALL APPLICABLE LOCAL ORDINANCES AND ALL APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES.
- CONDUIT (FIBER OPTIC AND PHONE) MATERIALS INTERNAL COATING AND LUBRICANTS, FITTINGS, SPECIALS AND HARDWARE SHALL ALL BE IN ACCORDANCE WITH THE CORRESPONDING ANNA STANDARDS AND BE COMPATIBLE WITH THE REQUIREMENTS OF THE LOCAL CODES AND ALL APPLICABLE WATER MAINS AND ALL APPLICABLE LOCAL ORDINANCES. IF DOCUMENTATION AND ASSURANCES ARE PROVIDED BY THE MANUFACTURER OF THE MATERIALS, THE CONTRACTOR SHALL ALSO APPLY. POLYETHYLENE TEREPHTHALATE (PET) AND VALVES SHALL BE PER ANNA CODES.
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PIPE CLEARANCE NOTES
NOT TO SCALE

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-4B



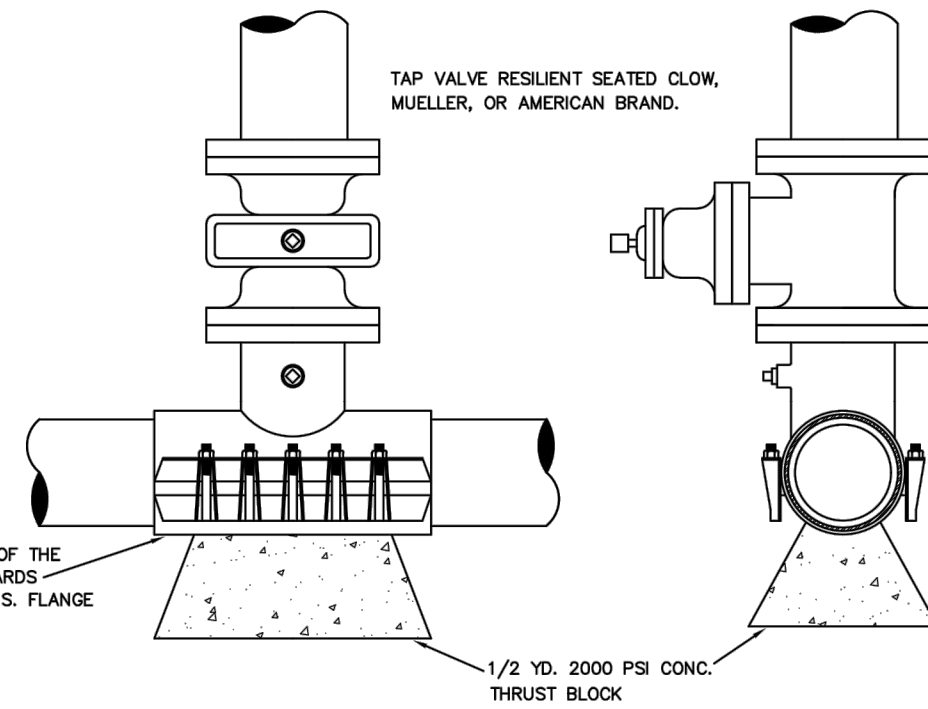
WATER LINE CROSSING
NOT TO SCALE

City of Fruitland Park Standard Details
JANUARY 2020
Detail G-5

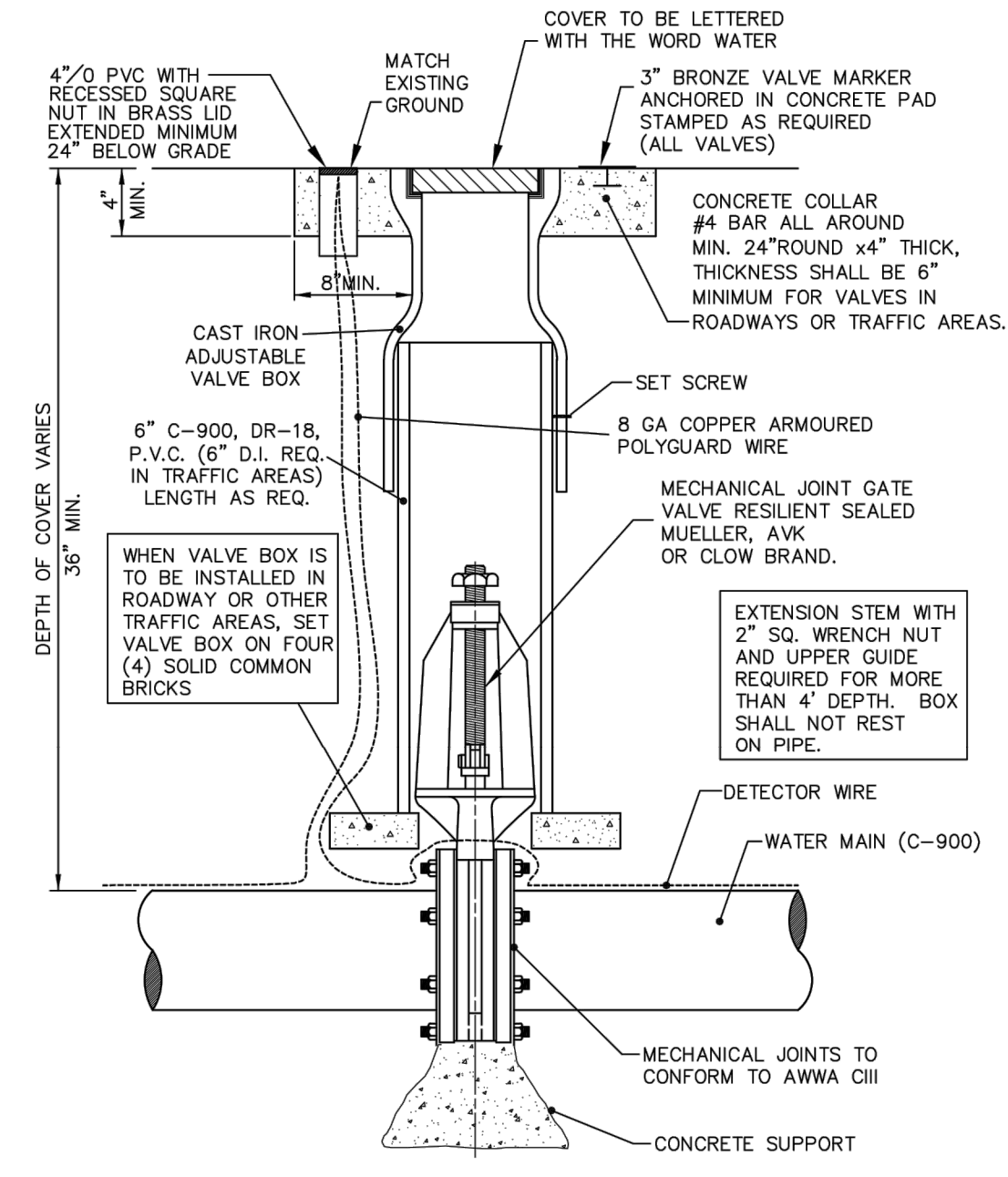
GENERAL WATER NOTES

1. WATER SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND CHAPTER 62-555 FLORIDA ADMINISTRATIVE CODE.
2. ALL PIPING SHALL BEAR THE "NSF" SEAL FOR POTABLE WATER.
3. WATER MAINS SHALL BE PVC CONFORMING TO AWWA C-900, DR 18 FOR PIPE SIZES 4"-12". PIPES 14" OR LARGER SHALL BE AWWA C-905, DR 18. ALL COUPLINGS COMPOUNDS, SOLVENTS, LUBRICANTS AND PIPE PREPARATION, FOR LAYING, SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURERS LATEST RECOMMENDATIONS.
4. DEPTH OF WATER LINES TO BE MINIMUM 36" BELOW FINISHED GRADE.
5. WATER MAINS TO BE LOCATED 5' FROM BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. ALL PIPING CLEARANCES SHALL BE IN ACCORDANCE WITH CHAPTER 62-555.314, F.A.C., AND APPROVED BY THE CITY.
7. ALL WATER MAINS UNDER PAVEMENT SHALL BE DUCTILE IRON AND SHALL EXTEND 5' BEYOND THE BACK OF CURB, OR DIRECTIONAL BORES, WHICH SHALL BE SDR-11 HDPE.
8. ALL SLEEVES UNDER PAVEMENT SHALL EXTEND 5' BEYOND THE BACK OF CURB.

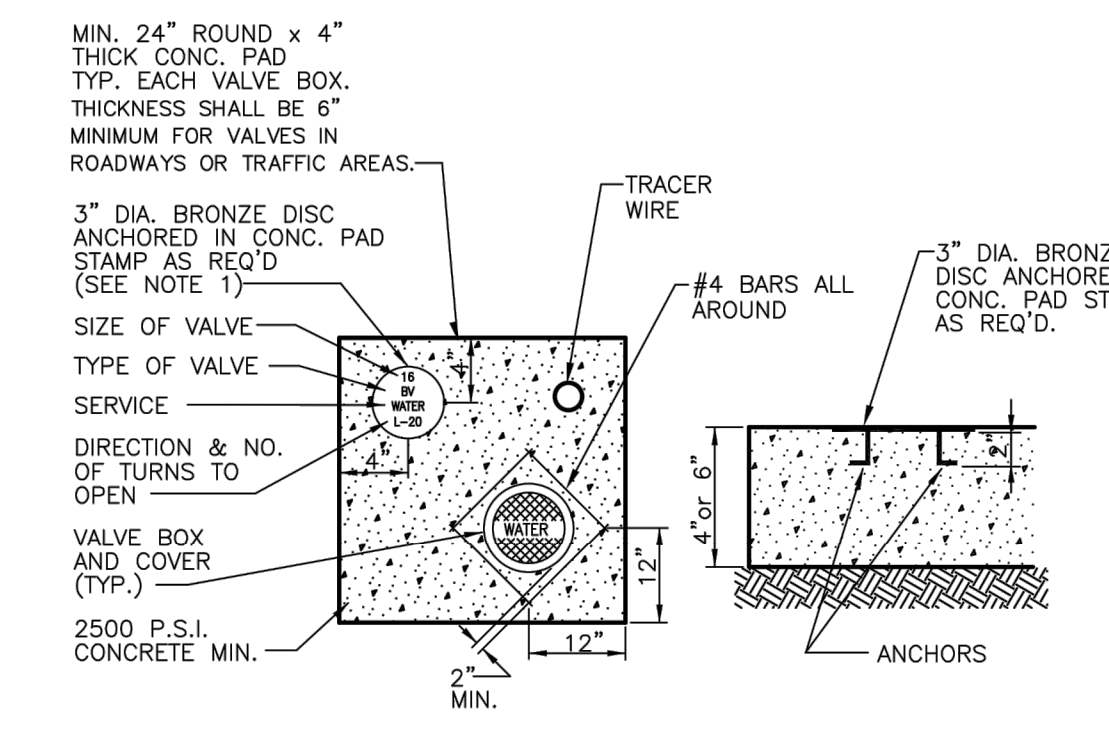
• NOTE: MARK ALL POINTS WHERE WATER SERVICES CROSS CURB WITH A "W" MARK IN CONCRETE.



WET TAP SLEEVE & TAP VALVE
NOT TO SCALE



GATE VALVE & BOX
NOT TO SCALE



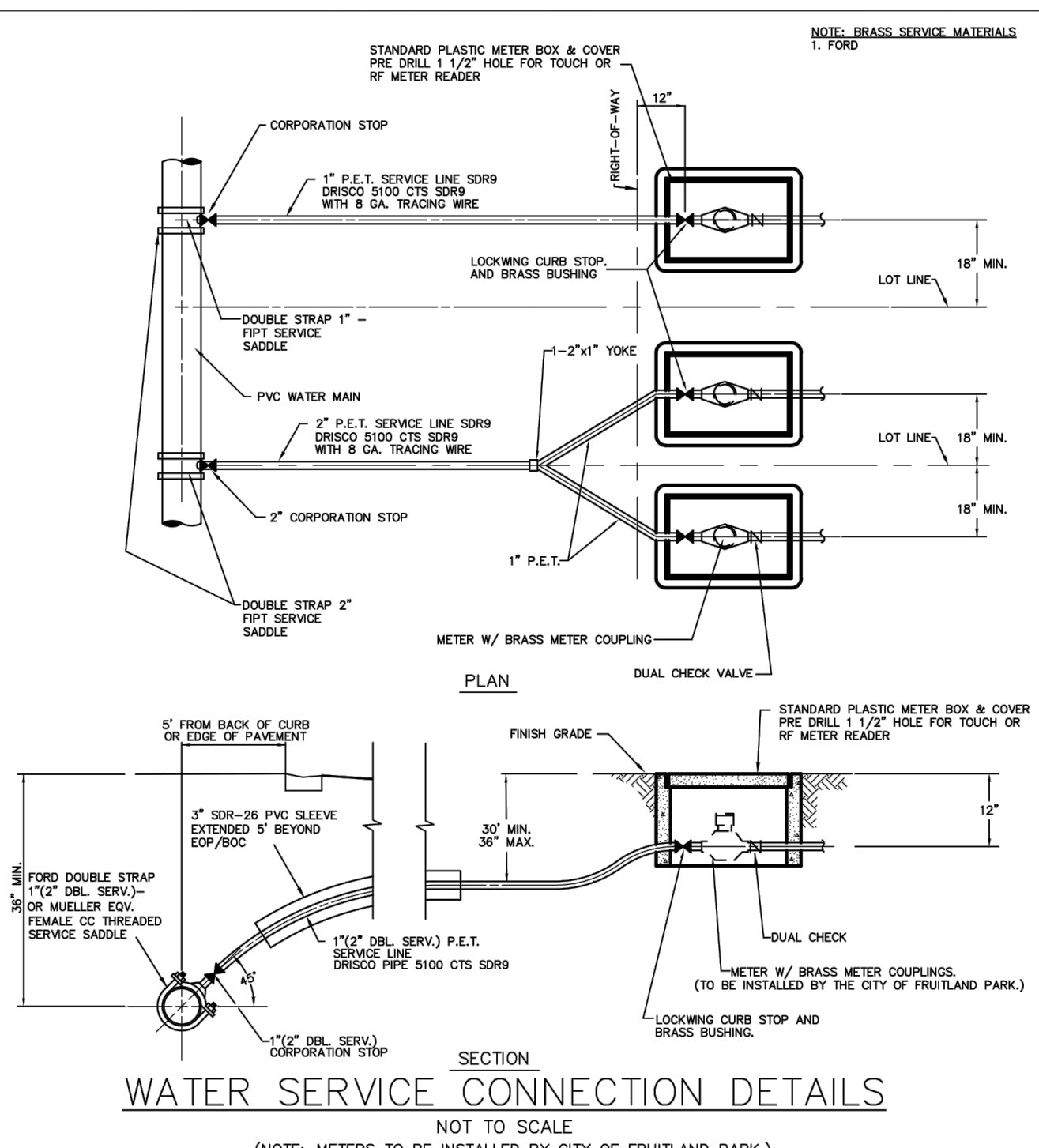
VALVE COLLAR
NOT TO SCALE

City of Fruitland Park Standard Details JANUARY 2020
Detail W-1

City of Fruitland Park Standard Details JANUARY 2020
Detail W-2

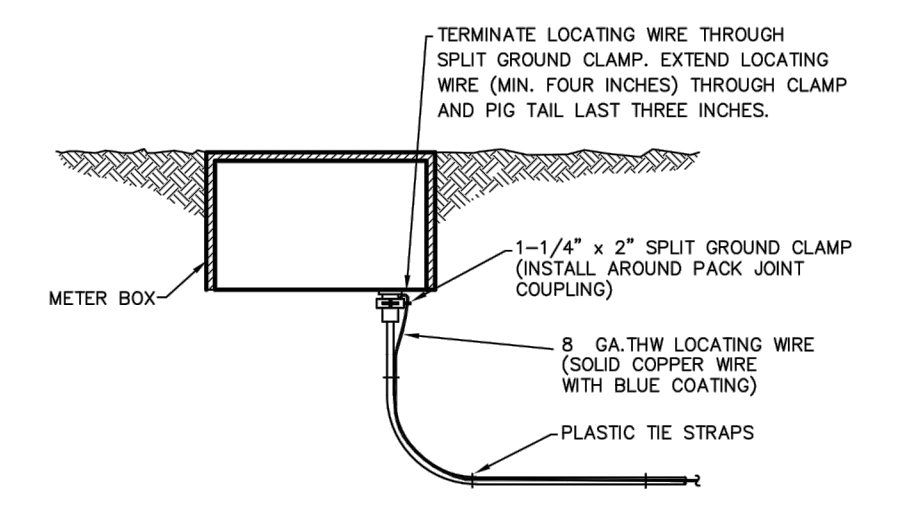
City of Fruitland Park Standard Details JANUARY 2020
Detail W-3

City of Fruitland Park Standard Details JANUARY 2020
Detail W-5



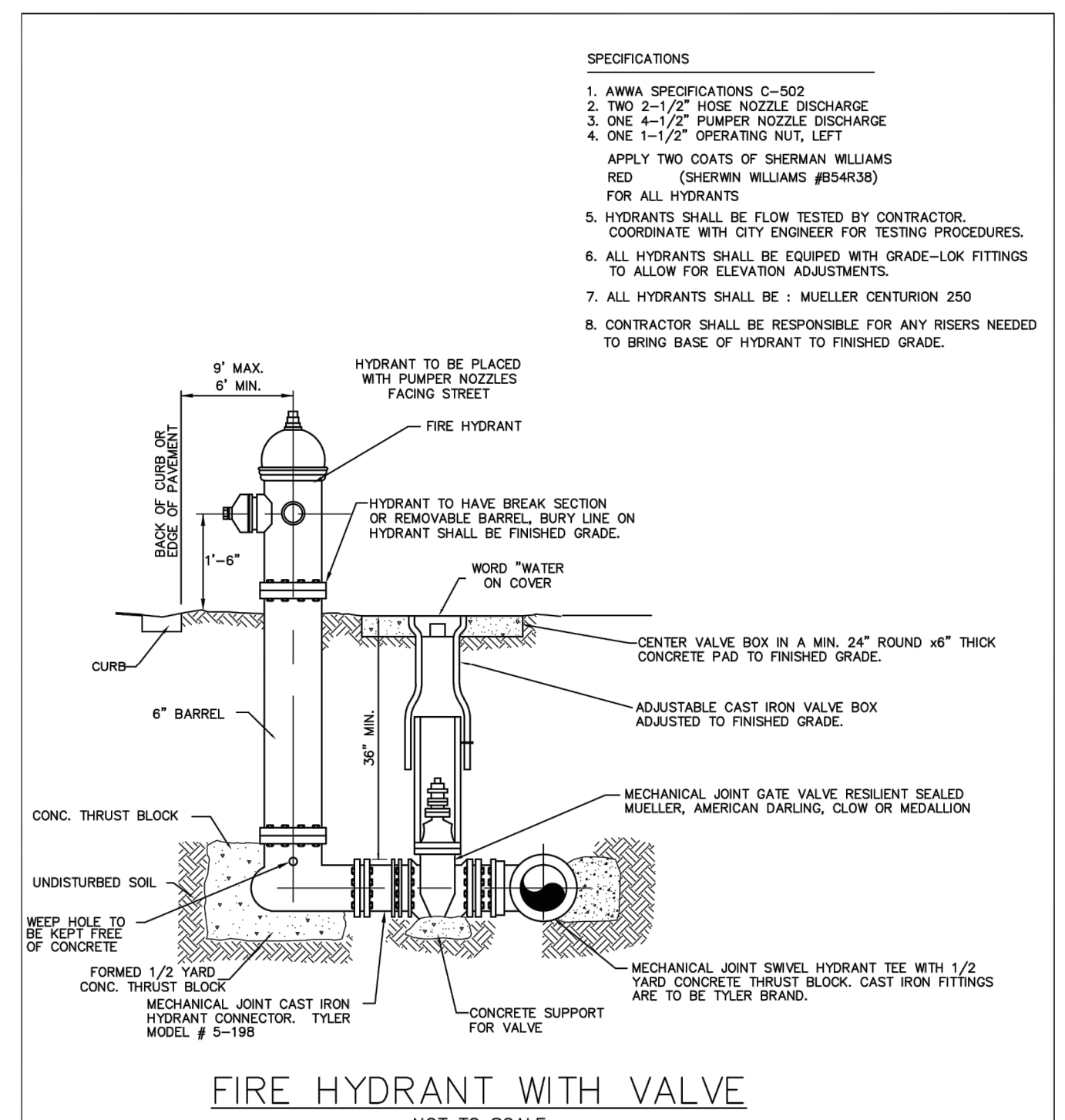
WATER SERVICE CONNECTION DETAILS
NOT TO SCALE
(NOTE: METERS TO BE INSTALLED BY CITY OF FRUITLAND PARK.)

City of Fruitland Park Standard Details JANUARY 2020
Detail W-9



SERVICE AND METER
NOT TO SCALE

City of Fruitland Park Standard Details JANUARY 2020
Detail W-10



FIRE HYDRANT WITH VALVE
NOT TO SCALE
(STANDARD FIRE HYDRANT ASSEMBLY)

City of Fruitland Park Standard Details JANUARY 2020
Detail W-11



RKM DEVELOPMENT CORP.
147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL 33701
PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	APP'D	COMMENTS
1	08/09/21	REVISED	JE	JE	
2	08/09/21	REVISED	JE	JE	
3	08/09/21	REVISED	JE	JE	

ENGINEER'S NAME & PE#
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**
DATE **01/28/2022**
SCALE **N.T.S.**

SHEET **D3.1**
UTILITY DETAILS



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
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COMMON OAK ENGINEERING
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7-ELEVEN
 STORE # 42100
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 FRUITLAND PARK, FL 34731

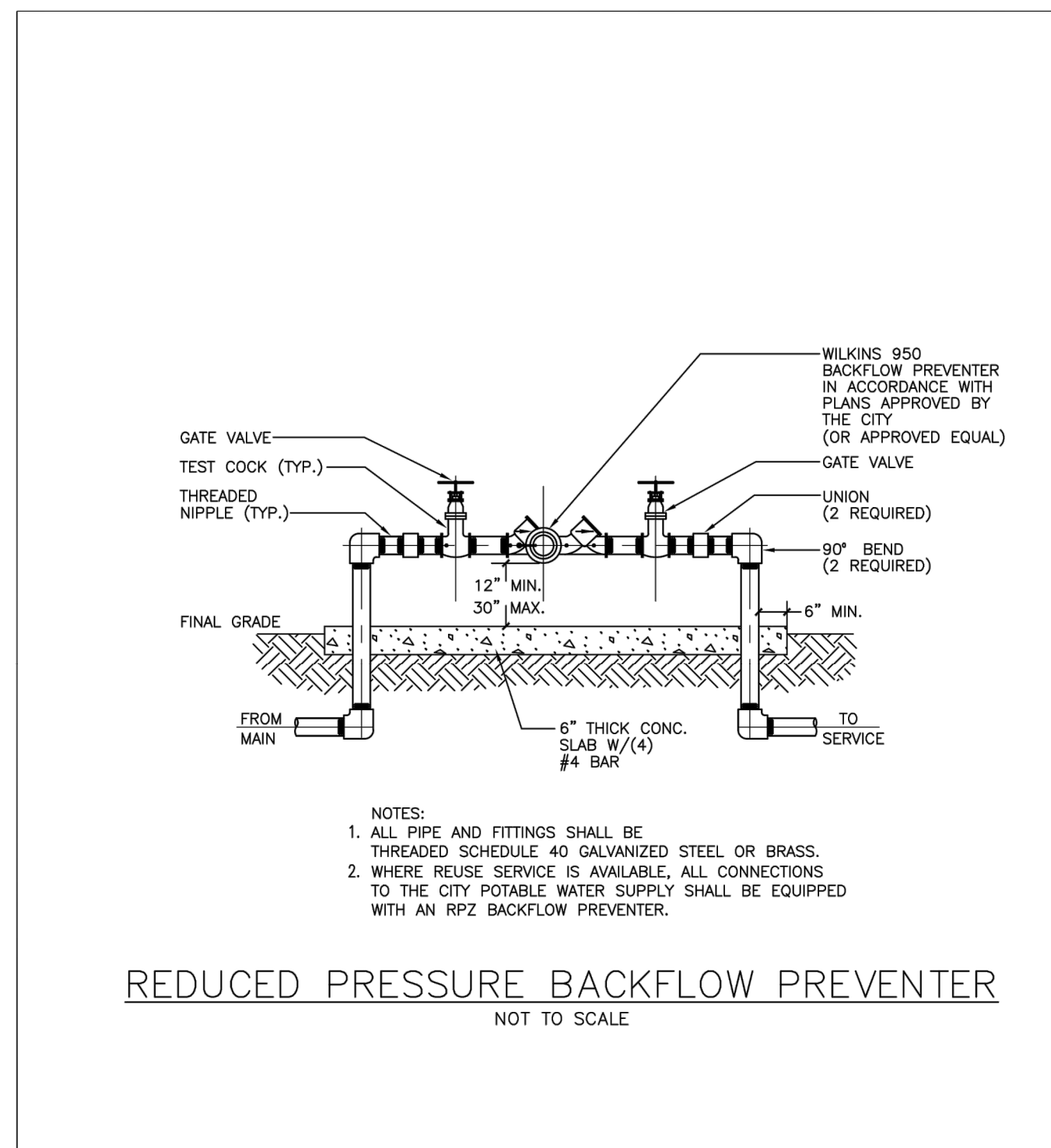
NO.	DATE	REVISIONS/ISSUE	BY	CHK	APP	COMMENTS
1	06/10/21	REVISED PER CITY OF FRUITLAND PARK COMMENTS	JJE			
2	06/25/21		JJE			
3	06/25/21		JJE			

ENGINEER'S NAME & PE#

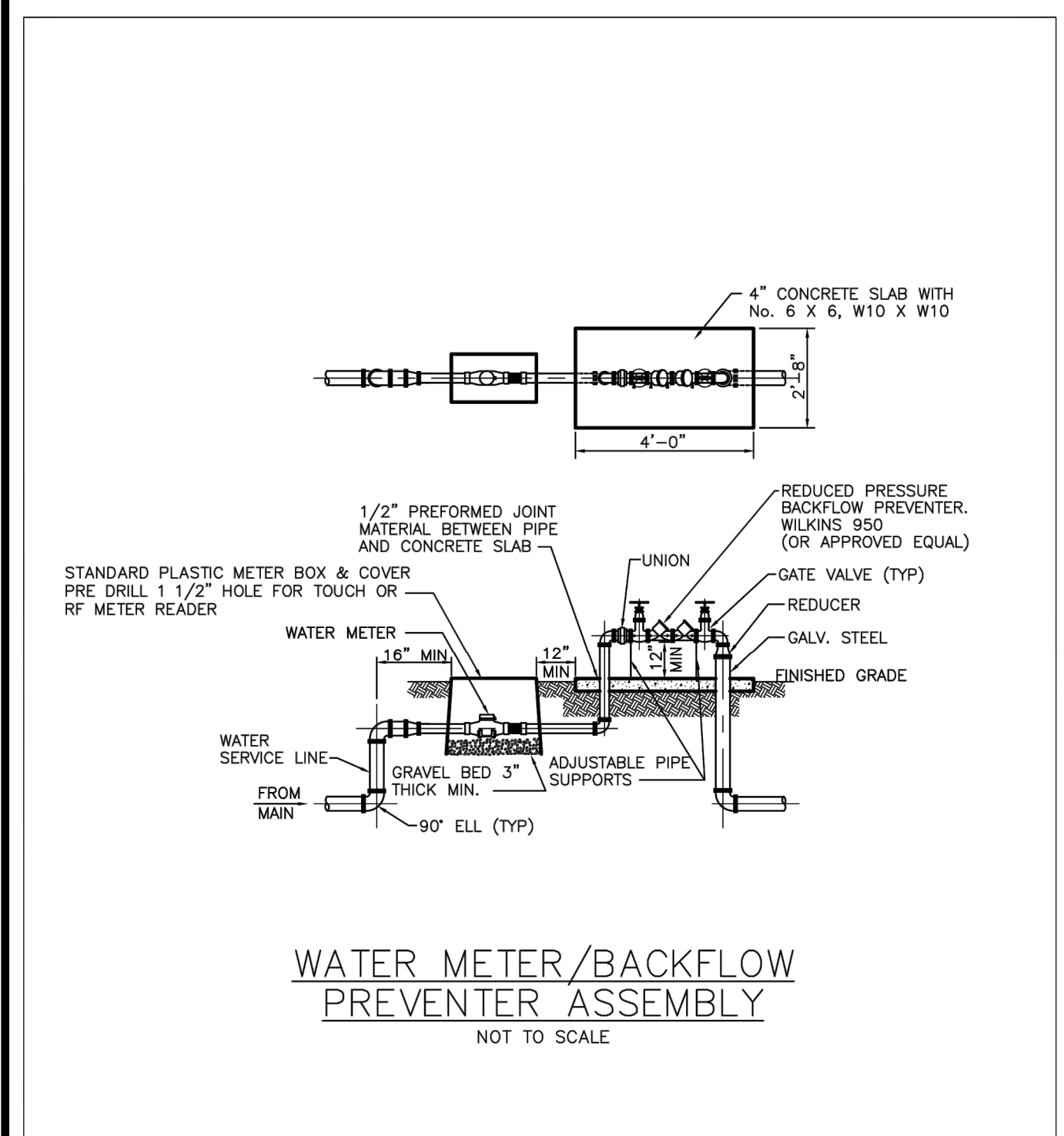
JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **D3.2**
 N.T.S.

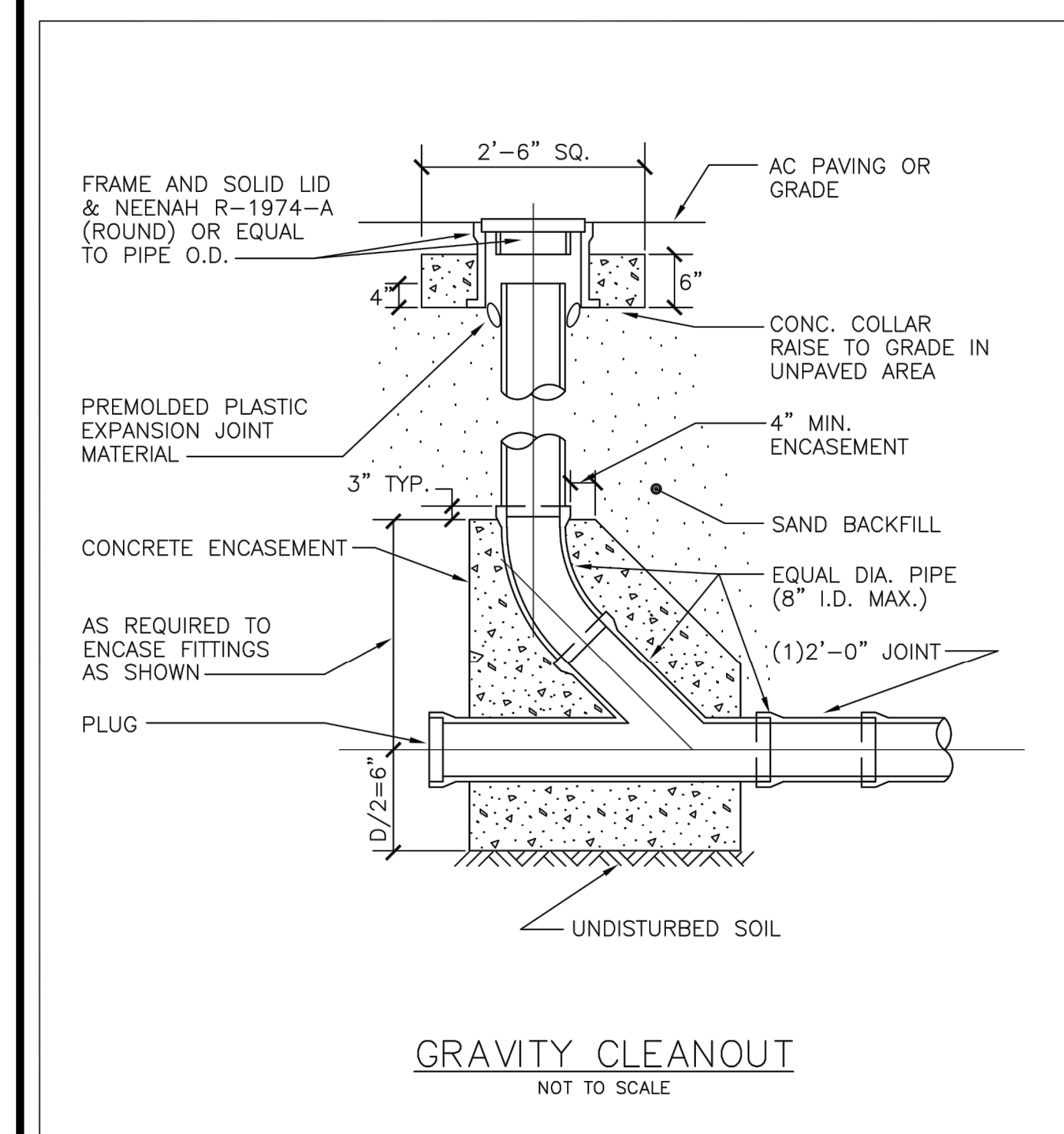
UTILITY DETAILS



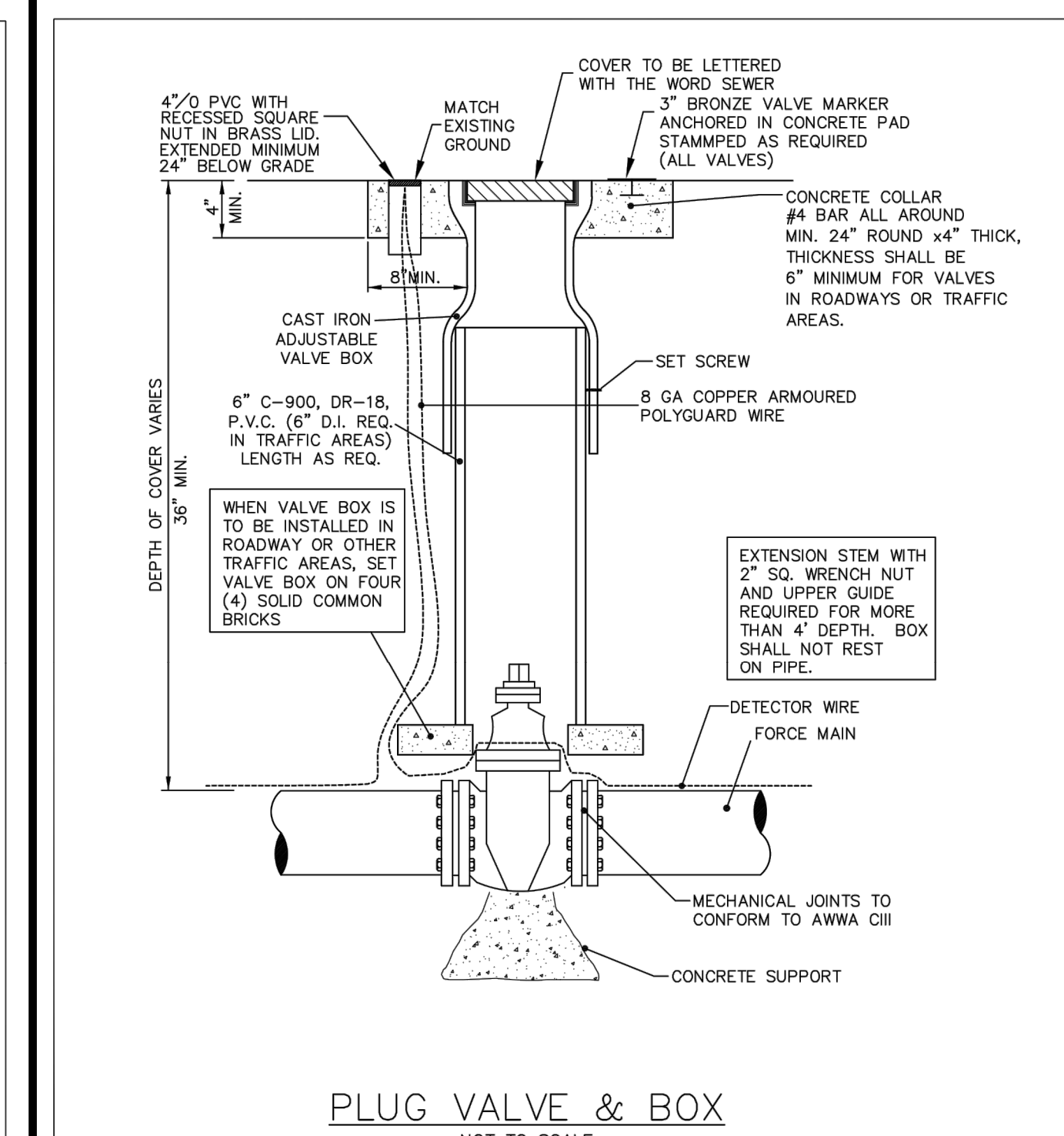
City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail W-16



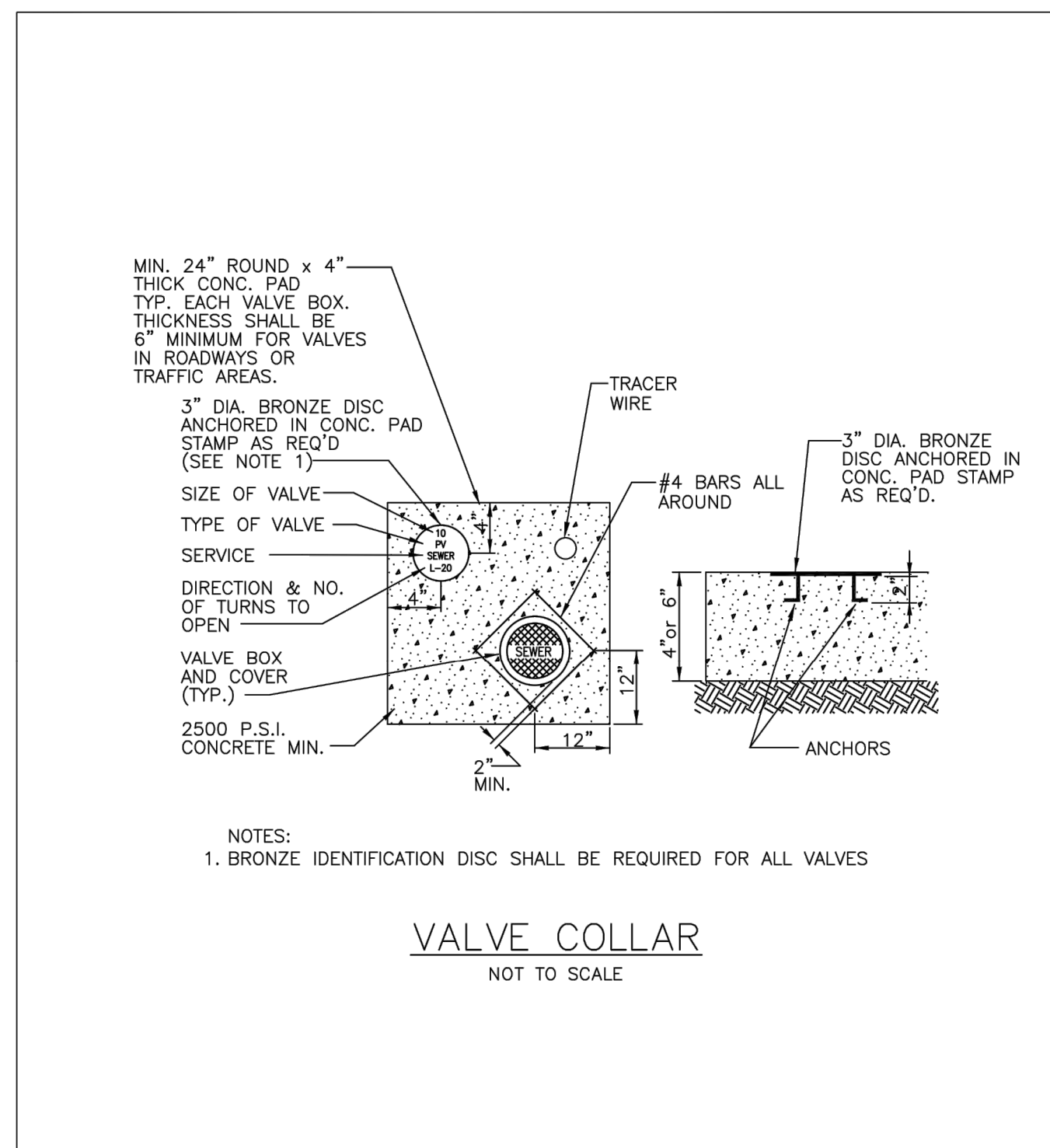
City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail W-17



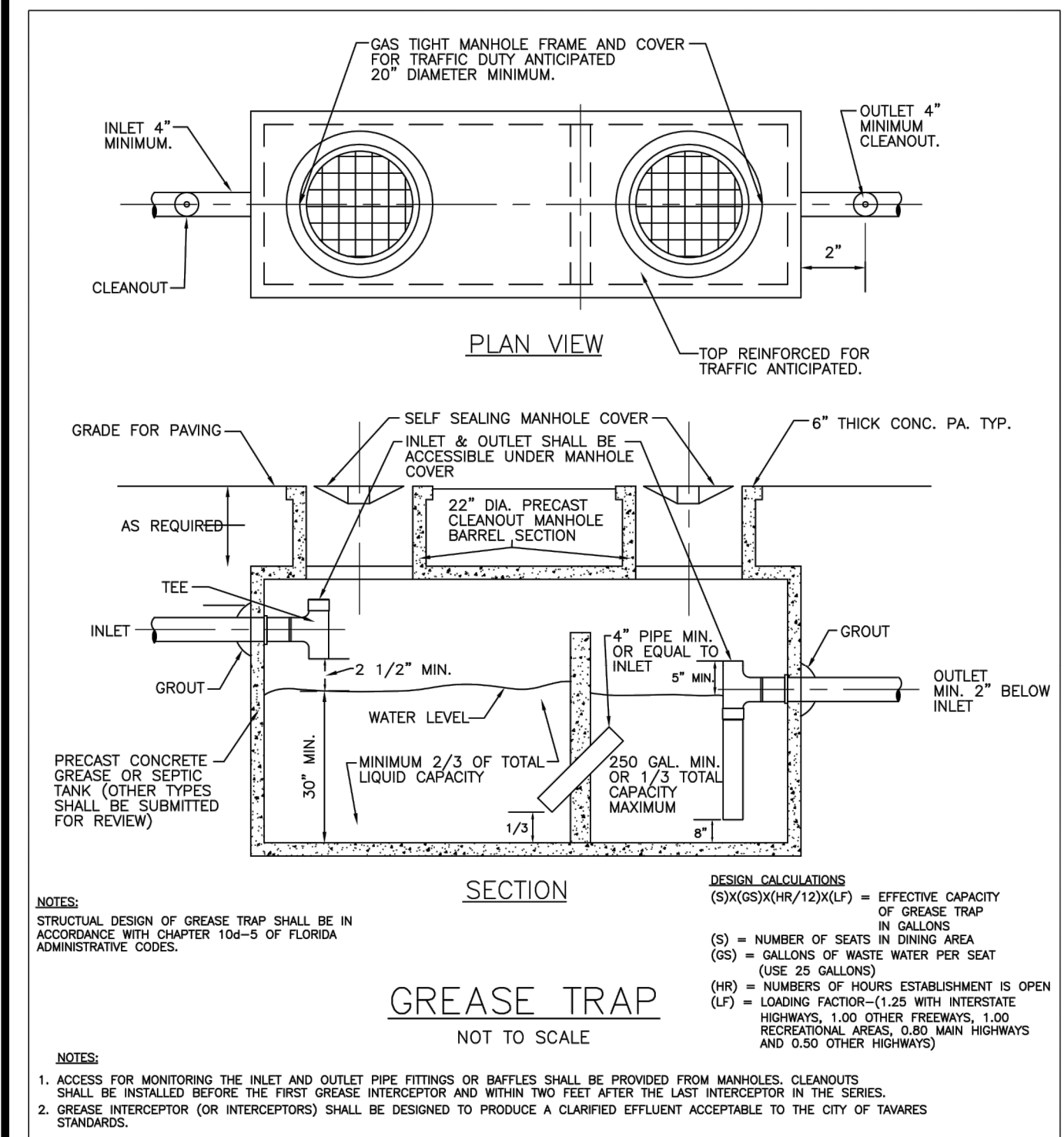
City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail S-9



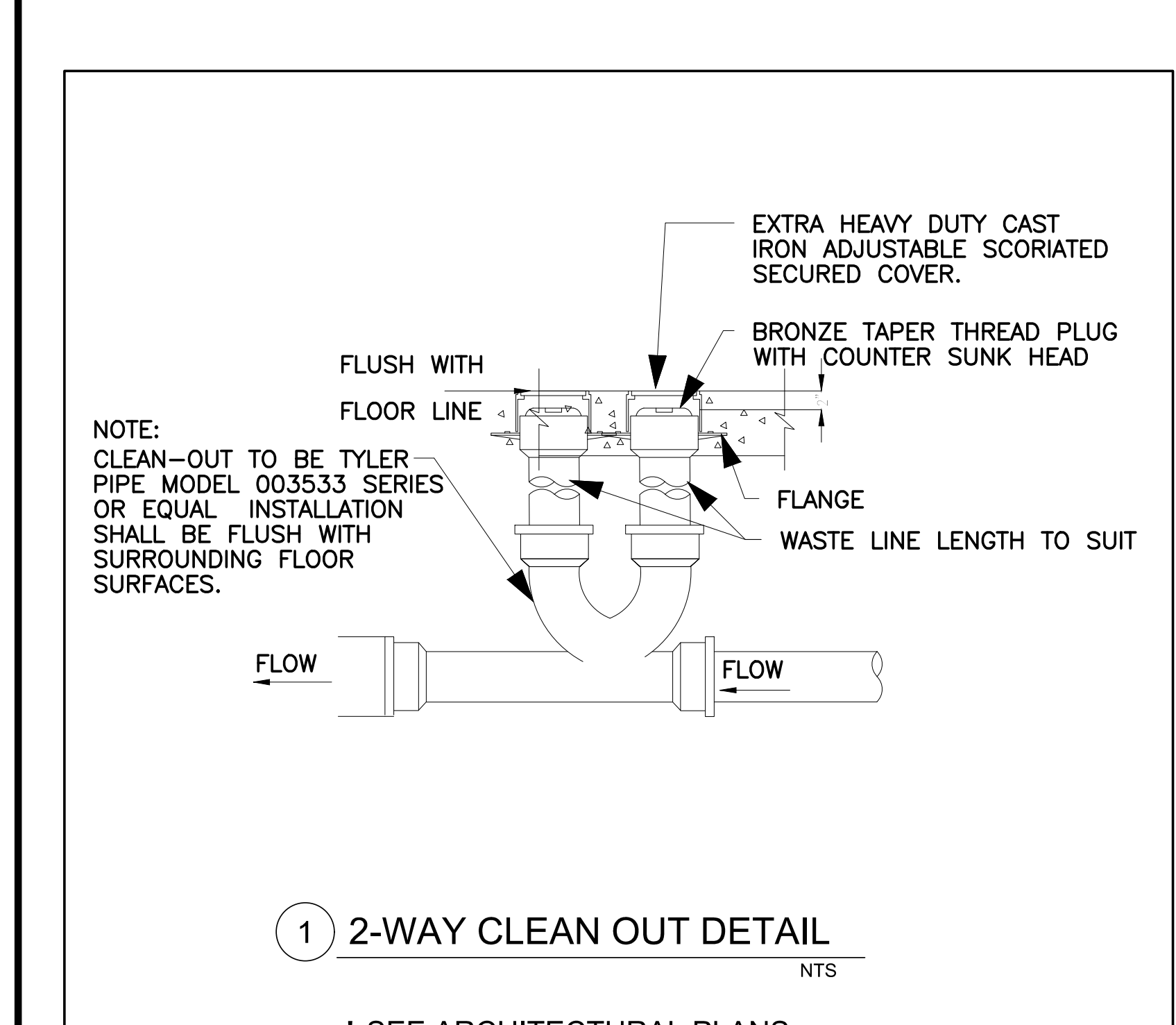
City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail S-12



City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail S-14



City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail S-15



City of Fruitland Park
 Standard Details
 JANUARY 2020
 Detail S-15

NOTE: COMPLETE SYSTEM TO BE SUPPLIED BY:

RILEY & COMPANY, INC.
SANFORD, FL 32773
(407)265-9963

NO SUBSTITUTIONS - NO ALTERNATES
LIFT STATION WILL BE PRIVATELY OWNED AND MAINTAINED.

The H-20 Load Rated Fiberglass Wetwell Must Be Manufactured By L.F. Manufacturing, Giddings, Texas, Which Includes a 20 Yr. Warranty. Certification of the wetwell H-20 load rating must be supplied with submittals. H-20 certification must be signed and sealed by an engineer registered in the State of Florida.

After the H-20 load rated wetwell has been installed, the ASTM Certification Number and Serial Tracking Number must be visible inside wetwell.

PUMPS: (3 YR. WARRANTY)

Submersible grinder pumps shall be HOMA Model RC30074. The pumps shall be installed in the H-20 GP FRP wetwell utilizing a slide rail system. The grinder unit shall be capable of macerating materials normally found in domestic and commercial sewage into a fine slurry which will pass through the pump and the HDPE discharge piping.

Stator winding shall be open type with Class H insulation and shall be heat-shrink fitted into the stator housing. The use of pins, bolts, or other fastening devices is not acceptable.

A heat sensor thermostat shall be attached to the top end of the motor winding and shall be connected in series with the magnetic contactor coil in the control panel to stop motor if winding temperature exceeds 140 C., but shall automatically reset when the winding temperature returns to normal. Two heat sensor thermostats shall be used on three phase motors.

The pump motor grinder shaft shall be AISI 430F SS threaded to take the pump impeller and the grinder impeller.

Upper & lower mechanical seals shall be Silicon Carbide vs Silicon Carbide.

DUPLEX CONTROL PANEL: (3 YR. WARRANTY)

The Enclosure shall be NEMA 4X, minimum 30" high x 30" wide x 10" deep fiberglass with 4 point latching system.

The enclosure shall have external mounting feet to allow for wall mounting. The following components shall be mounted through the enclosure:

- 1- ea. Red Alarm Beacon (Light) 4" x 4" Minimum Diameter
- 1- ea. Alarm Horn (minimum 95 DCB)
- 1- ea. Generator Receptacle w/ weatherproof cover(SCM460 -UL 1686)
- 1- ea. Alarm Silence Pushbutton

The back panel shall be fabricated from .125, 5052-H32 marine alloy aluminum. All components shall be mounted by machined stainless steel screws.

The following components shall be mounted to back panel:

- 2- ea. Motor Contactors
- 1- ea. Phase Monitor (3 Ph) w/2 N/O & 1 N/C Contacts
- 1- ea. Control Transformer (480 Volt Only) (Min. 500VA)
- 1- ea. Lightning Arrestor
- 1- ea. Silence Relay Module
- 1- ea. Duplex Alternator w/ Pump Selector Switch
- 1- ea. Model RCBB5AH Battery Back-Up w/ Smart Charger For The High Level Alarm System
- 20- ea. Terminals For Field Connections
- 6- ea. Terminals For Motor Connections (Single Phase Only)
- 7- ea. Grounding Lugs
- 1- ea. Seal Failure Relay

The inner door shall be fabricated from .080, 5052-H32 marine alloy aluminum. The inner door shall have a continuous aluminum piano hinge.

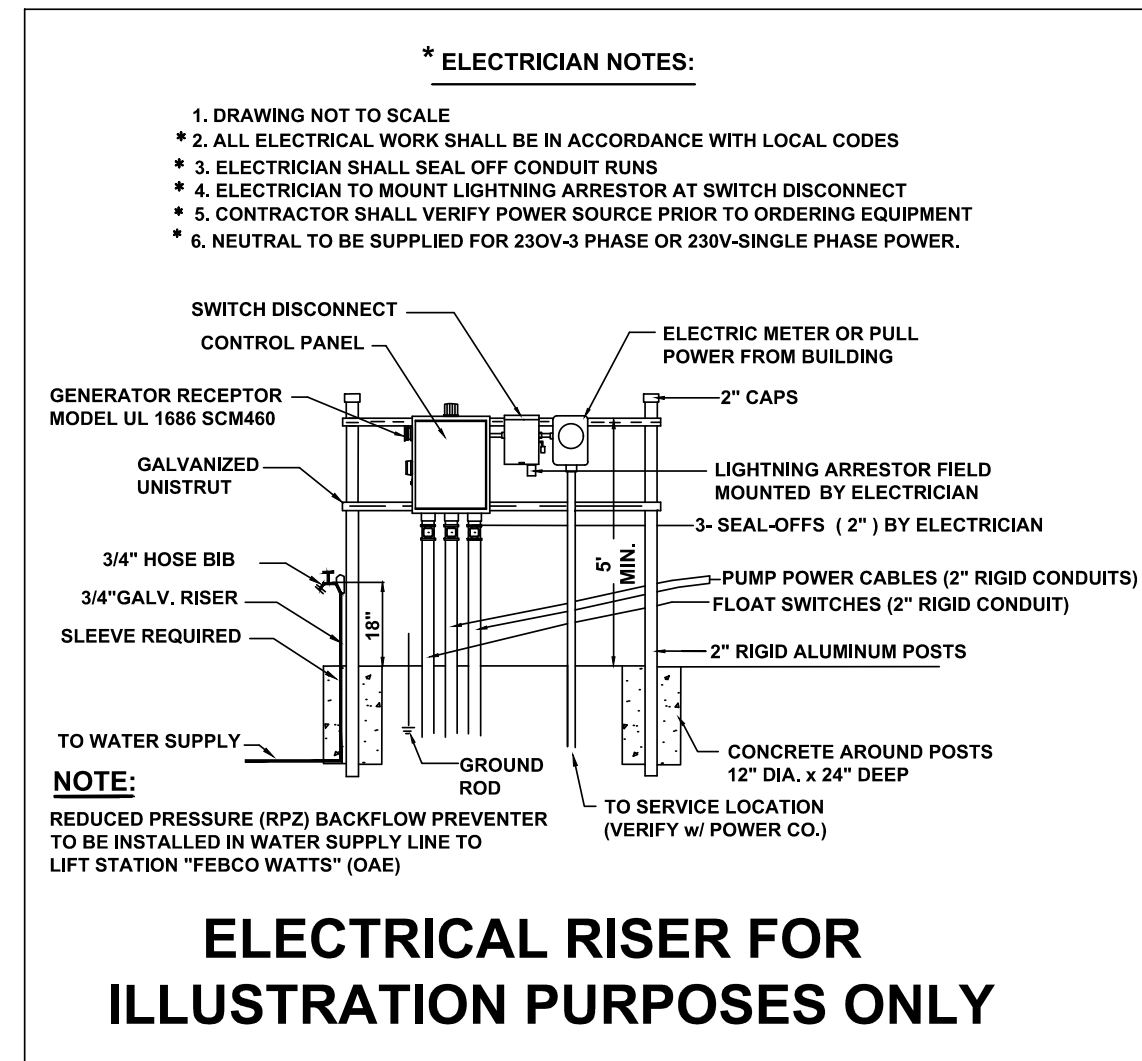
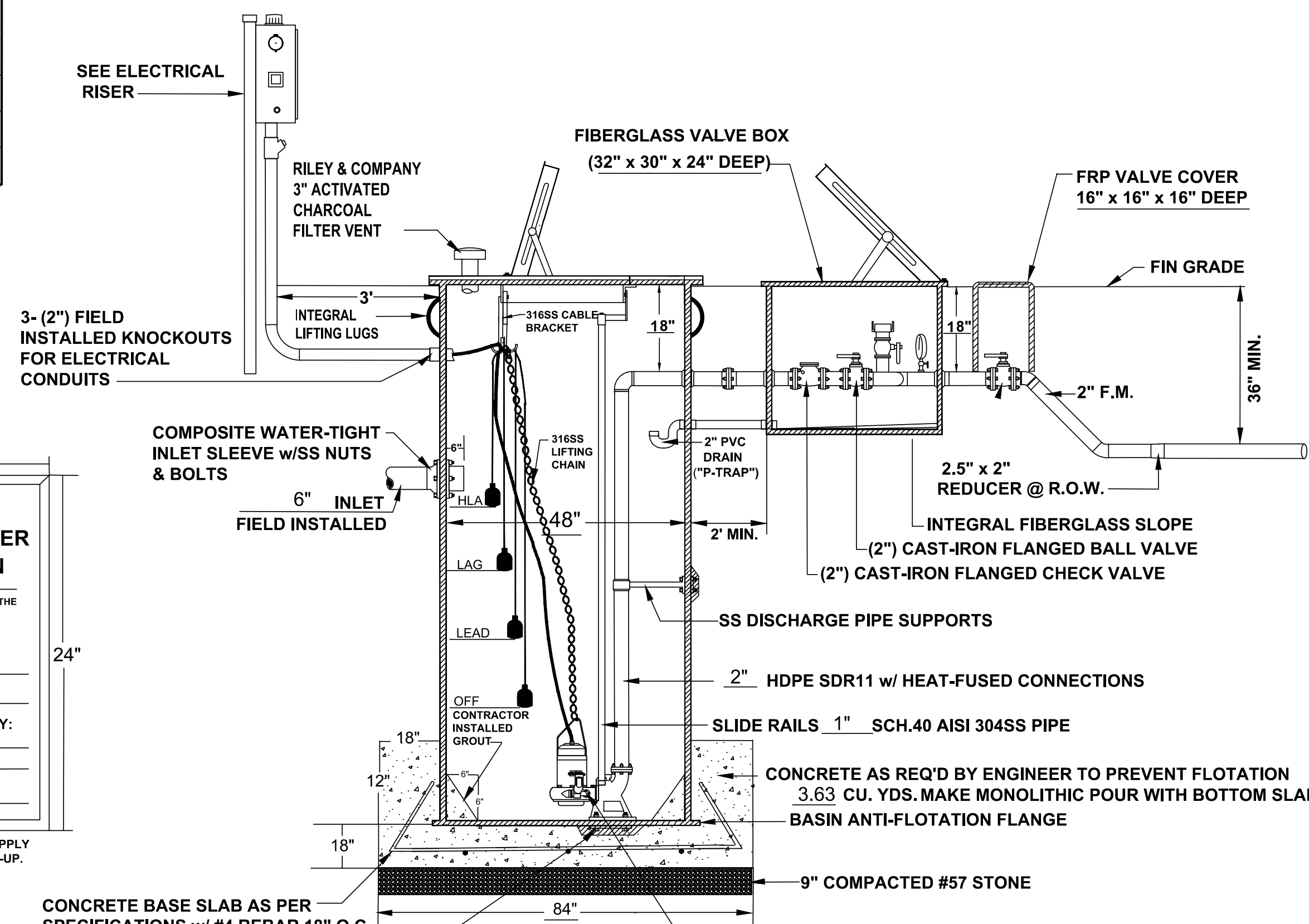
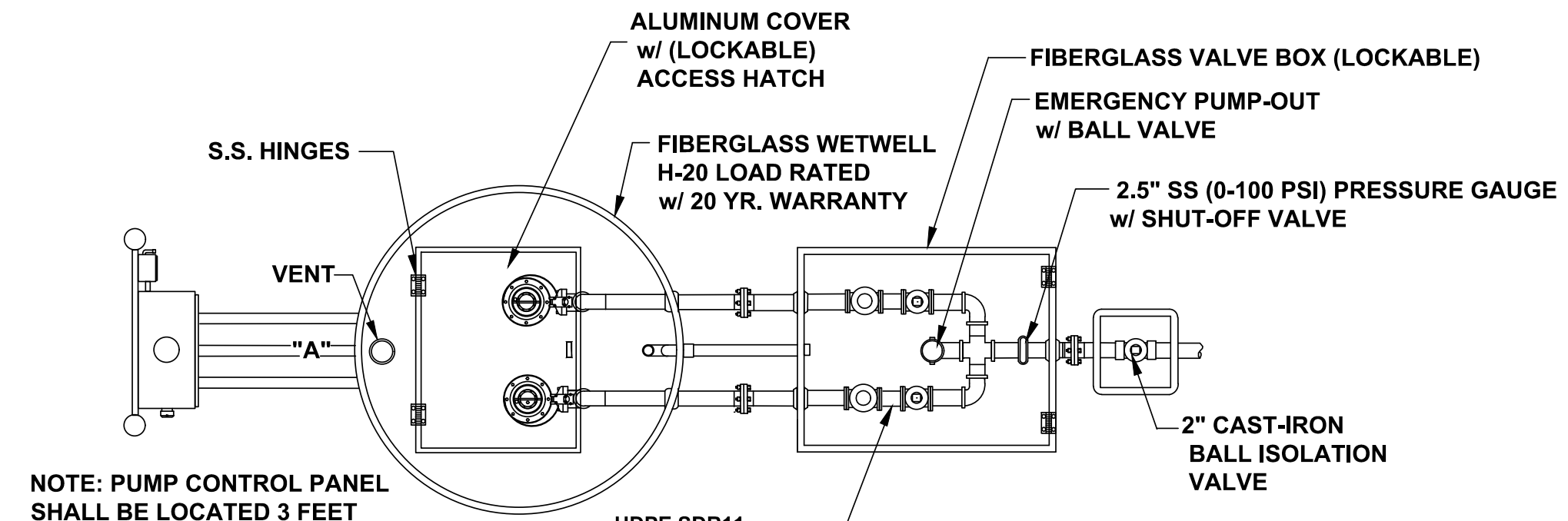
The following components shall be mounted through the inner door:

- 1- ea. Main Circuit Breaker
- 1- ea. Emergency Circuit Breaker
- 1- ea. Mechanical Interlock For Emergency And Main Breakers (UL Listed)
- 2- ea. Short Circuit Protectors w/ Auxiliary Contacts
- 1- ea. Control Circuit Breaker
- 2- ea. Seal Failure Indicator Lights
- 1- ea. Hand-Off-Auto Selector Switches
- 2- ea. Pump Run Pilot Lights
- 1- ea. Power On Pilot Light
- 2- ea. Elapse Time Meters (Non-Resetable)
- 1- ea. GFI Duplex Convenience Outlet

RILEY & Company, Inc. (H-20 GP)

w/ BATTERY BACK-UP FOR AUDIO AND VISUAL ALARMS ©

PUMP DATA		ELEVATIONS	
PRIMARY PUMP CAPACITY	50 GPM	TOP OF WETWELL	130.25
PRIMARY TDH	58' TDH	INLET INVERT	119.86
PUMP MANUFACTURER	HOMA	HIGH LEVEL ALARM (HLA)	119.30
PUMP MODEL #	RC30074	2nd PUMP ON (LAG)	118.80
R.P.M.	3450	1st PUMP ON (LEAD)	118.30
HORSEPOWER	4.60	PUMPS OFF (OFF)	117.80
IMPELLER DIAMETER	6 5/16"	BOTTOM OF WETWELL	115.80
ELECTRICAL/ VOLTS / PHASE	230V/3	WETWELL DIAMETER	48"
FULL LOAD AMPS/ PER PUMP	10.20		
PUMP DISCHARGE SIZE	2"		



18" x 24" PRIVATE SANITARY SEWER PUMP STATION

IN CASE OF EMERGENCY CONTACT THE FOLLOWING NUMBERS:

FACILITY OWNED BY: NAME: _____

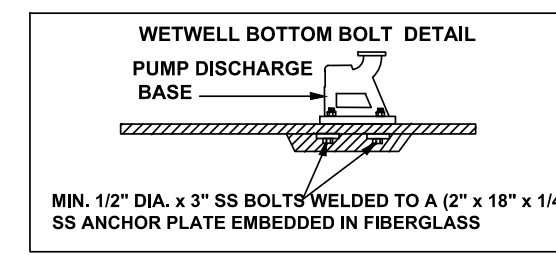
PHONE NUMBER: _____

FACILITY MAINTAINED BY: NAME: _____

PHONE NUMBER: _____

STATION NUMBER: _____

NOTE: CONTRACTOR MUST SUPPLY INFORMATION SIGN AT START-UP.



MODEL RC0194 FLUSH VALVE
 WHEN THE PUMP STARTS, THE VALVE OPENS FOR APPROXIMATELY 10-30 SECONDS, SHOOTING OUT A POWERFUL JET STREAM THAT FLUSHES ALL SOLIDS INTO SUSPENSION, READY TO BE PUMPED AWAY. BECAUSE THE FLUSHING SEQUENCE IS AN INTEGRAL PART OF THE PUMPING CYCLE, FLUSHING OCCURS EVERY TIME THE PUMP STARTS. THIS REDUCES GREASE AND SOLIDS BUILD-UP AND REDUCES UNPLEASANT ODORS.

CONNECTION TO PUMP

- NOTES:**
1. Water service with hose bibb and reduced pressure backflow preventer to be installed near lift station. (See Electrical Riser Illustration)
 2. System shall be operated and maintained to provide uninterrupted service as required by DEP Chapter 62-604.500.
 3. Approved Operation & Maintenance Manual(O&M) shall be kept available for operation and maintenance personnel
 4. A weather resistant emergency contact sign shall be installed at the lift station and made visible to the public (Lettering shall be min. 2" in height).
 5. INSPECTION & TESTING: A factory representative shall be provide for a one (1) time start-up and shall have complete knowledge of the proper operation and maintenance for the complete system.

ELECTRICAL INFORMATION IS SHOWN FOR REFERENCE ONLY AND IS NOT INCLUDED AS PART OF THE ENGINEERING DESIGN OR CERTIFICATION BY THE PROFESSIONAL ENGINEER. ANY ELECTRICAL DESIGN NEEDED FOR THE LIFT STATION SHALL BE CONFIRMED AND CERTIFIED BY A PROFESSIONAL ELECTRICAL ENGINEER.



RKM DEVELOPMENT CORP.
 147 2ND AVE. SOUTH
 SUITE 400
 ST. PETERSBURG, FL 33701
 PHONE: (800) 966-7563



COMMON OAK ENGINEERING
 1209 EDGEWATER DRIVE, SUITE 100
 ORLANDO, FL 32804
 (407)951-5915
 CERTIFICATE OF AUTHORIZATION: 32644

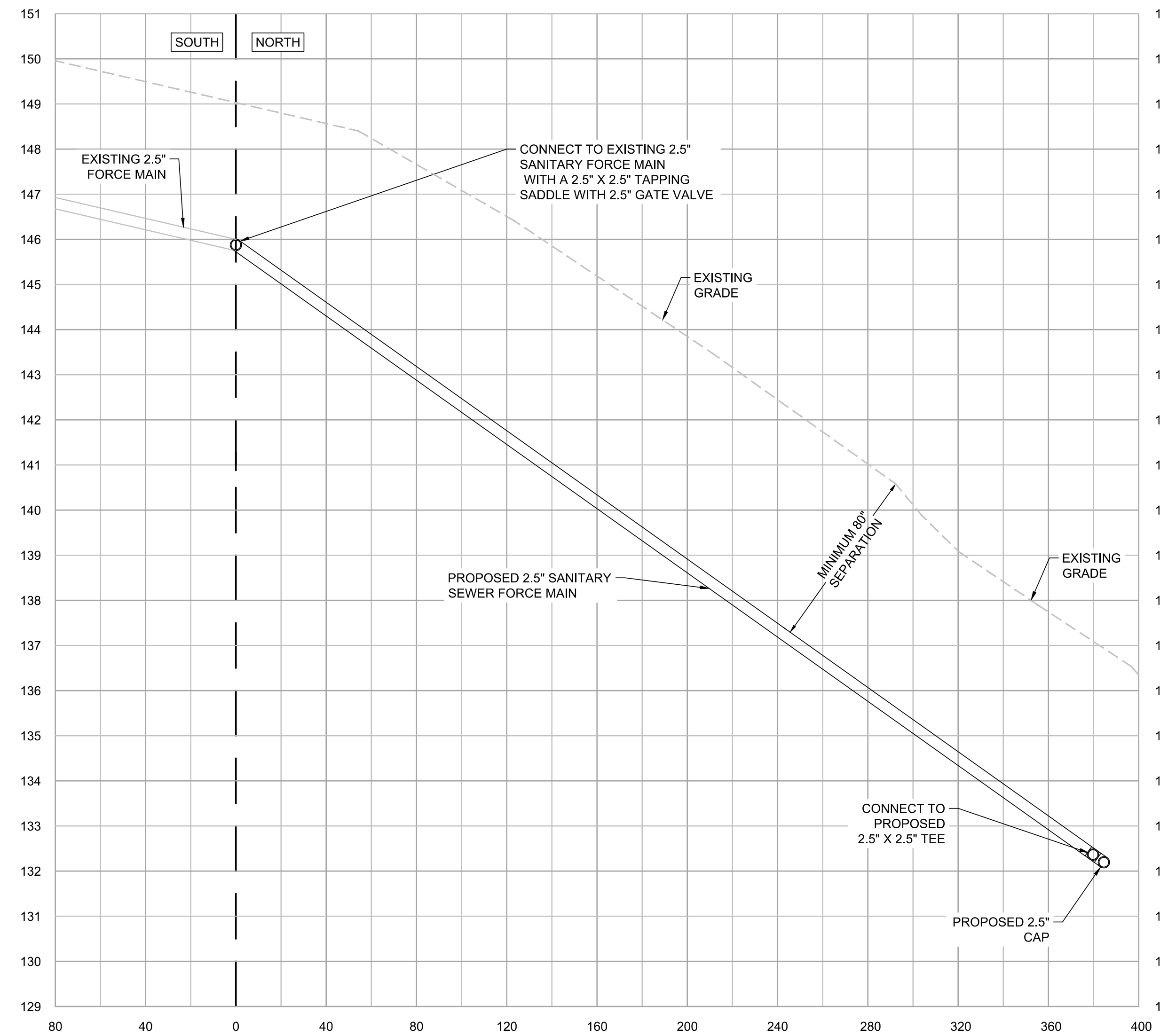
7-ELEVEN
 STORE # 42100
 US HWY 441 AT LAKE ELLA
 FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY	FOR	REVISIONS	CITY OF FRUITLAND PARK COMMENTS
1	09/11/21		RWB			

ENGINEER'S NAME & PE#
 JEREMY R. ANDERSON, P.E.
 P.E. LICENSE NO. 71636

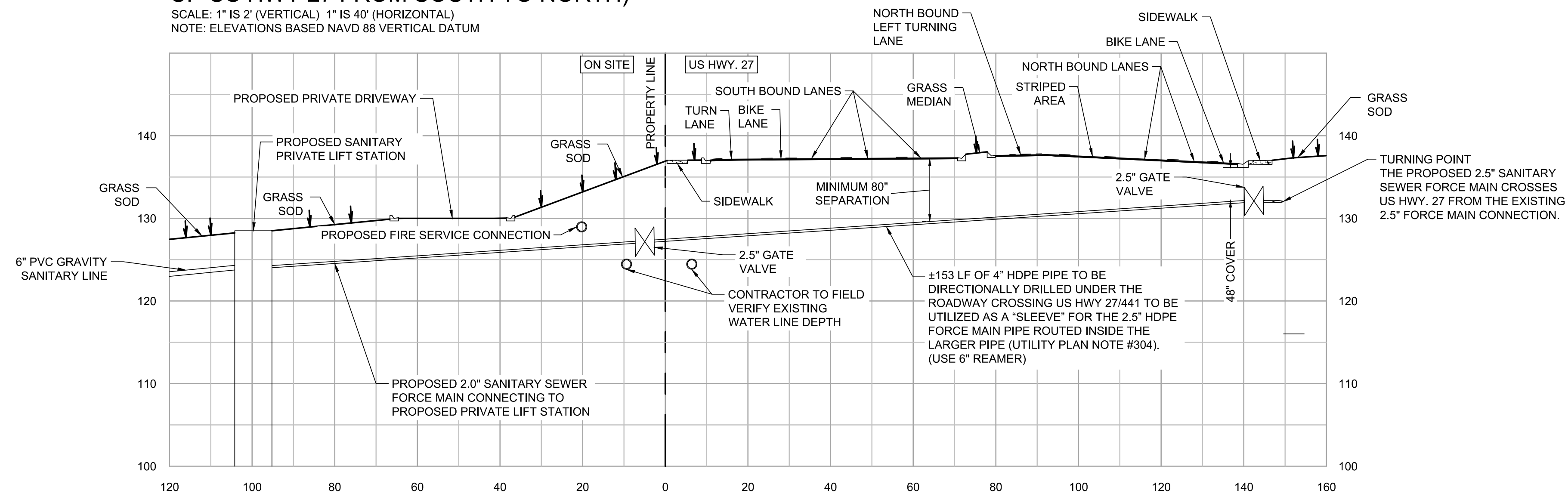
PROJECT # **221.056**
 DATE **01/28/2022** SHEET
 SCALE **D3.3**
 N.T.S.

UTILITY DETAILS



**PROFILE H-H SANITARY CROSSING PROFILE
(PROPOSED 2.5" FORCE MAIN GOING
UP US HWY 27 FROM SOUTH TO NORTH)**

SCALE: 1" IS 2' (VERTICAL) 1" IS 40' (HORIZONTAL)
NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM



**PROFILE G-G SANITARY CROSSING PROFILE
(PROPOSED 2.5" FORCE MAIN GOING
UNDER US HWY. 27
FROM EAST TO WEST)**

SCALE: 1" IS 10' (VERTICAL) 1" IS 20' (HORIZONTAL)
NOTE: ELEVATIONS BASED NAVD 88 VERTICAL DATUM

LEGEND

- EXISTING EARTH
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- ROAD BASE MATERIAL
- PROPOSED CUT
- PROPOSED FILL

NOTE ON ALL PROFILES SHOWING EXISTING UTILITIES:
LOCATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE PROVIDED
BASED ON UTILITY LOCATION SERVICE FIELD MARKINGS WHICH WERE
LOCATED BY THE SURVEYOR. CONTRACTOR TO CONFIRM DEPTH OF EXISTING
UTILITIES AND NOTIFY ENGINEER IF ANY CONFLICTS ARE ANTICIPATED.



RKM DEVELOPMENT CORP.

147 2ND AVE. SOUTH
SUITE 400
ST. PETERSBURG, FL. 33701
PHONE: (800) 966-7563



COMMON OAK ENGINEERING
1209 EDGEWATER DRIVE, SUITE 100
ORLANDO, FL. 32804
(407) 951-5915
CERTIFICATE OF AUTHORIZATION: 32644

7-ELEVEN
STORE # 42100
US HWY 441 AT LAKE ELLA
FRUITLAND PARK, FL 34731

NO.	DATE	REVISION/ISSUE	BY:	APP:
13	06/17/21	CITY OF FRUITLAND PARK COMMENTS	RWB	ASB
	12/01/21	POD COMMENTS		

ENGINEER'S NAME & PE#

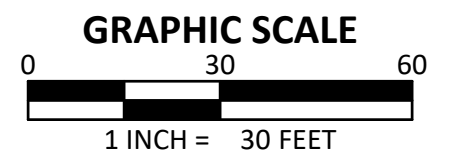
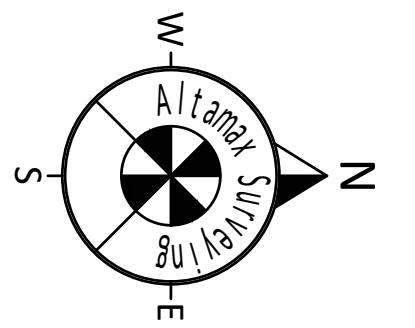
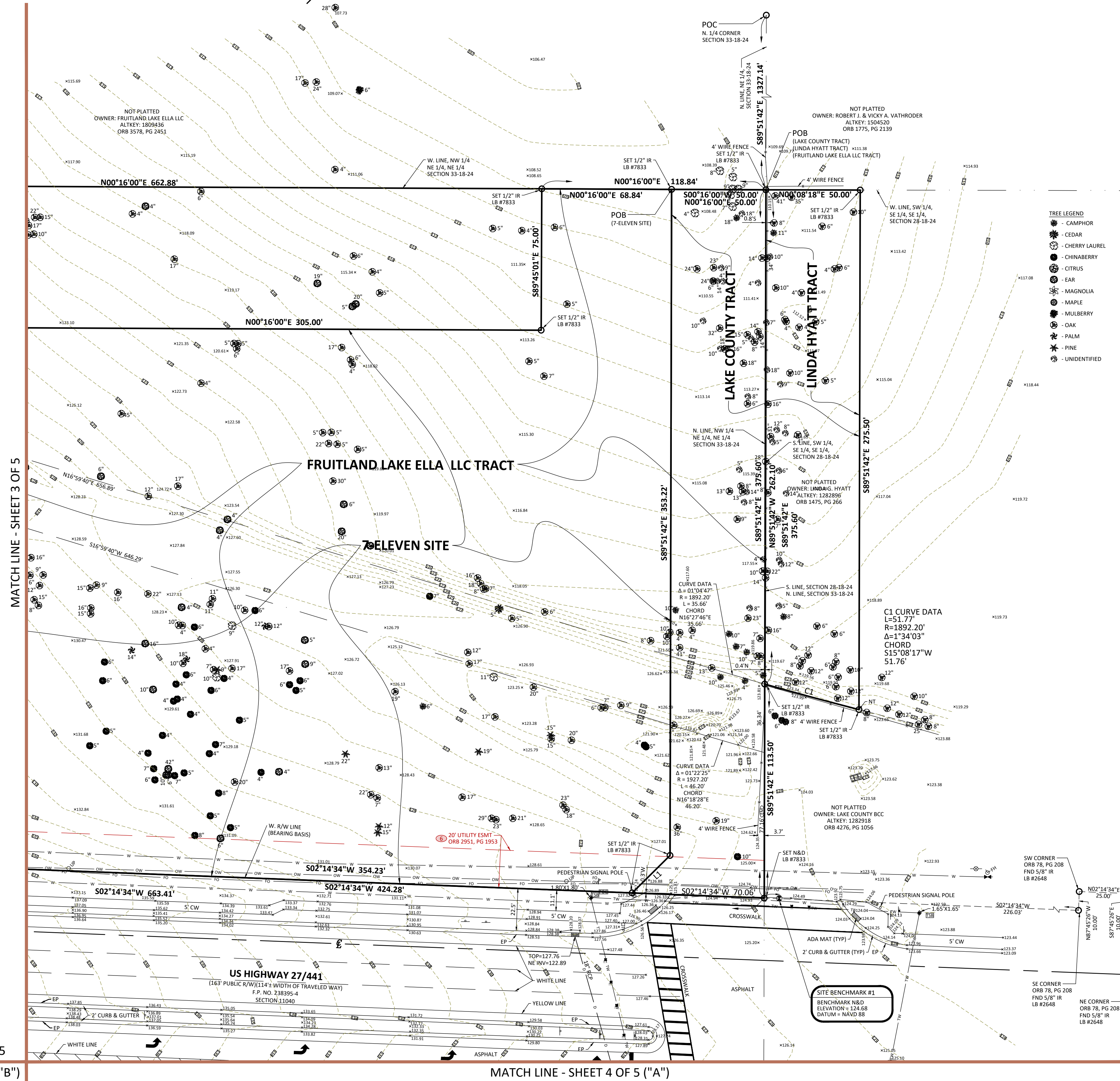
JEREMY R. ANDERSON, P.E.
P.E. LICENSE NO. 71636

PROJECT # **221.056**

DATE: 01/28/2022 SHEET
SCALE: N.T.S. **D3.4**

UTILITY DETAILS

ALTA/NSPS LAND TITLE SURVEY



- TREE LEGEND**
- CAMPHOR
 - CEDAR
 - CHERRY LAUREL
 - CHINABERRY
 - CITRUS
 - EAR
 - MAGNOLIA
 - MAPLE
 - MULBERRY
 - OAK
 - PALM
 - PINE
 - UNIDENTIFIED

MATCH LINE - SHEET 3 OF 5

SHEET 4 OF 5 ("C")
MATCH LINE

MATCH LINE
SHEET 4 OF 5 ("C")

MATCH LINE - SHEET 3 OF 5
MATCH LINE - SHEET 4 OF 5 ("B")

MATCH LINE - SHEET 4 OF 5 ("A")



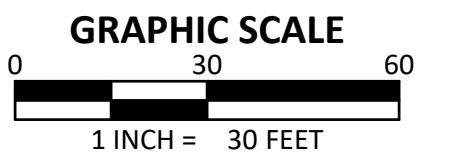
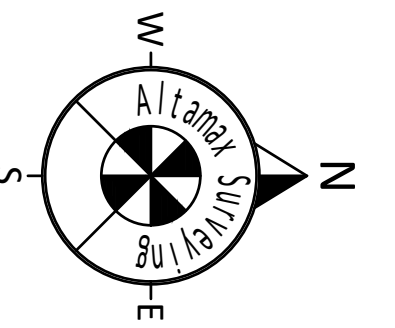
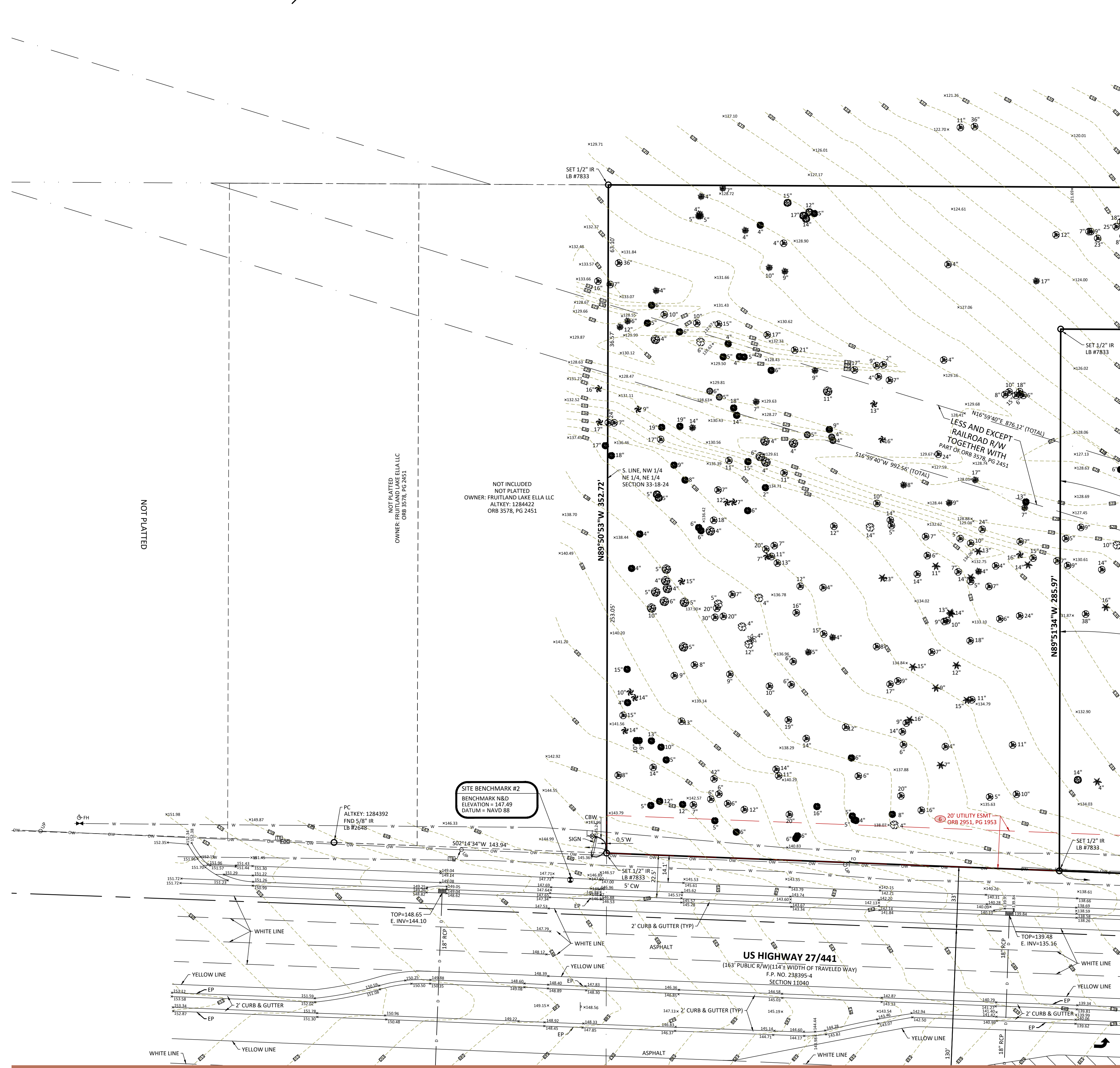
ADDRESS:
0 US Highway 27/441
Fruitland Park, FL 34731

Job Information

JOB NO. 904020
CF NO. LAK-US HWY 27
FIELD DATE: 12/17/2020
SCALE: 1" = 30'
DRAWN BY: SAH

Altamax Surveying
910 Belle Avenue, Suite 1100
Casselberry, FL 32708
Phone: 407-677-0200
Licensed Business No. 7833
www.altamaxsurveying.com

ALTA/NSPS LAND TITLE SURVEY



ADDRESS:
0 US Highway 27/441
Fruitland Park, FL 34731

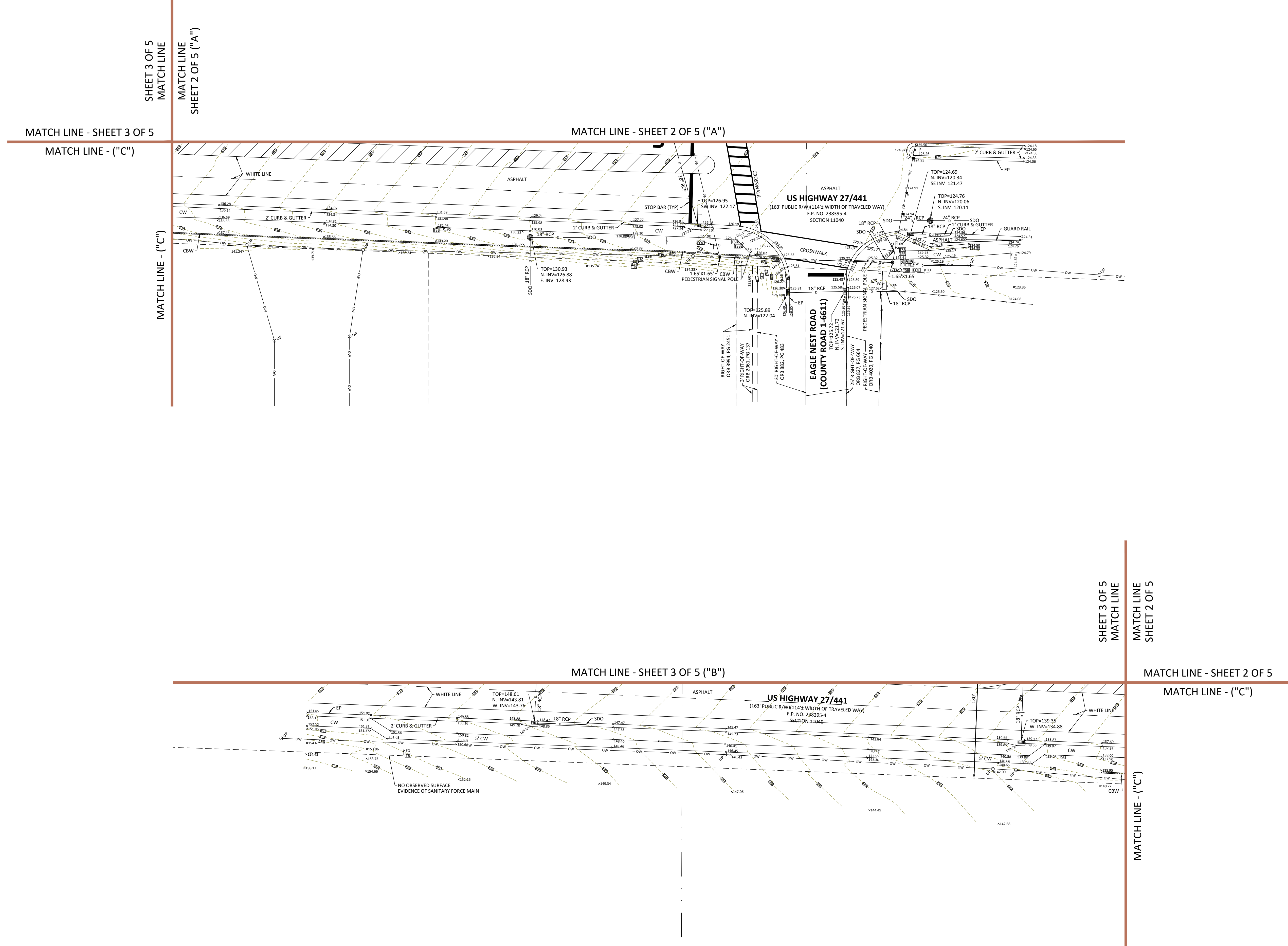
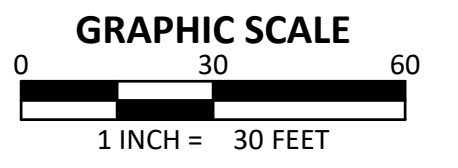
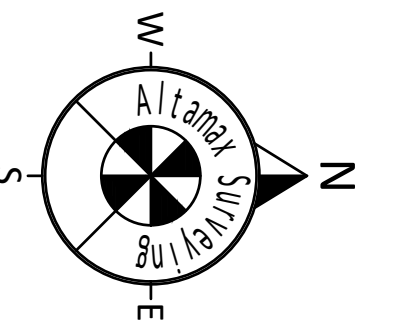
Job Information

JOB NO. 904020
CF NO. LAK-US HWY 27
FIELD DATE: 12/17/2020
SCALE: 1" = 30'
DRAWN BY: SAH

Altamax Surveying
910 Belle Avenue, Suite 1100
Casselberry, FL 32708
Phone: 407-677-0200
Licensed Business No. 7833
www.altamaxsurveying.com

SHEET 3 OF 5

ALTA/NSPS LAND TITLE SURVEY



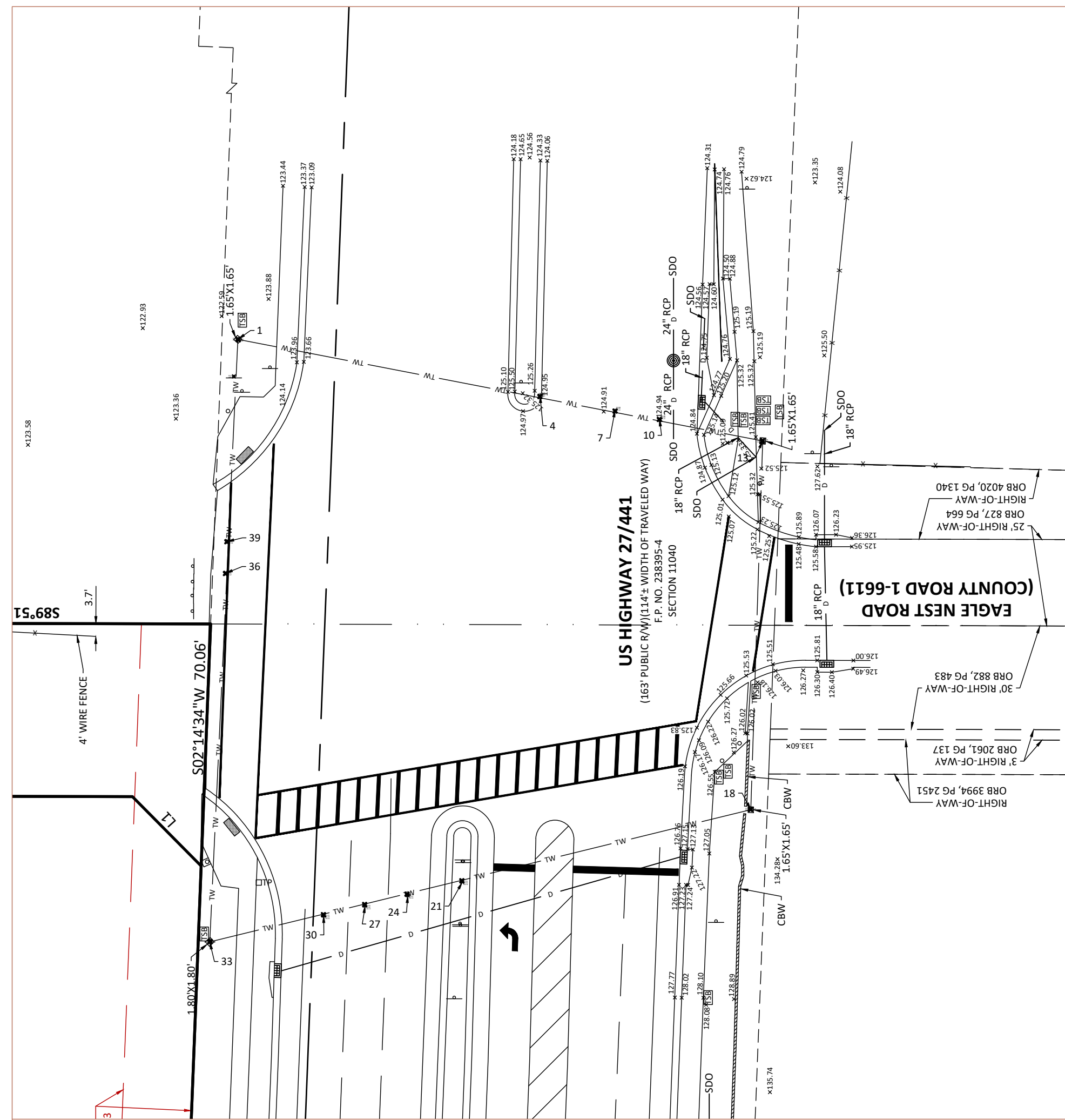
ADDRESS:
0 US Highway 27/441
Fruitland Park, FL 34731

Job Information

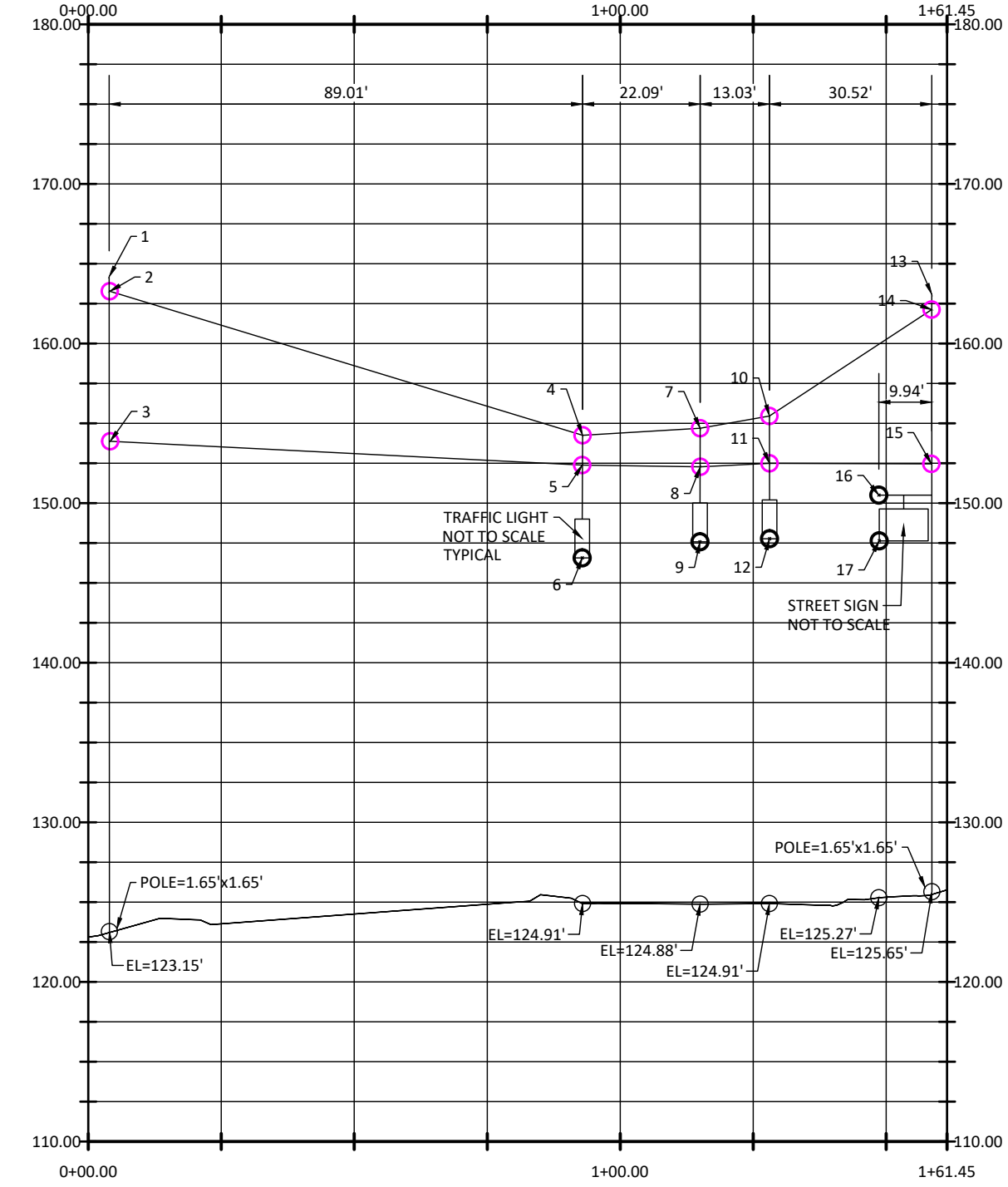
JOB NO. 904020
CF NO. LAK-US HWY 27
FIELD DATE: 12/17/2020
SCALE: 1" = 30'
DRAWN BY: SAH

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ALTA/NSPS LAND TITLE SURVEY

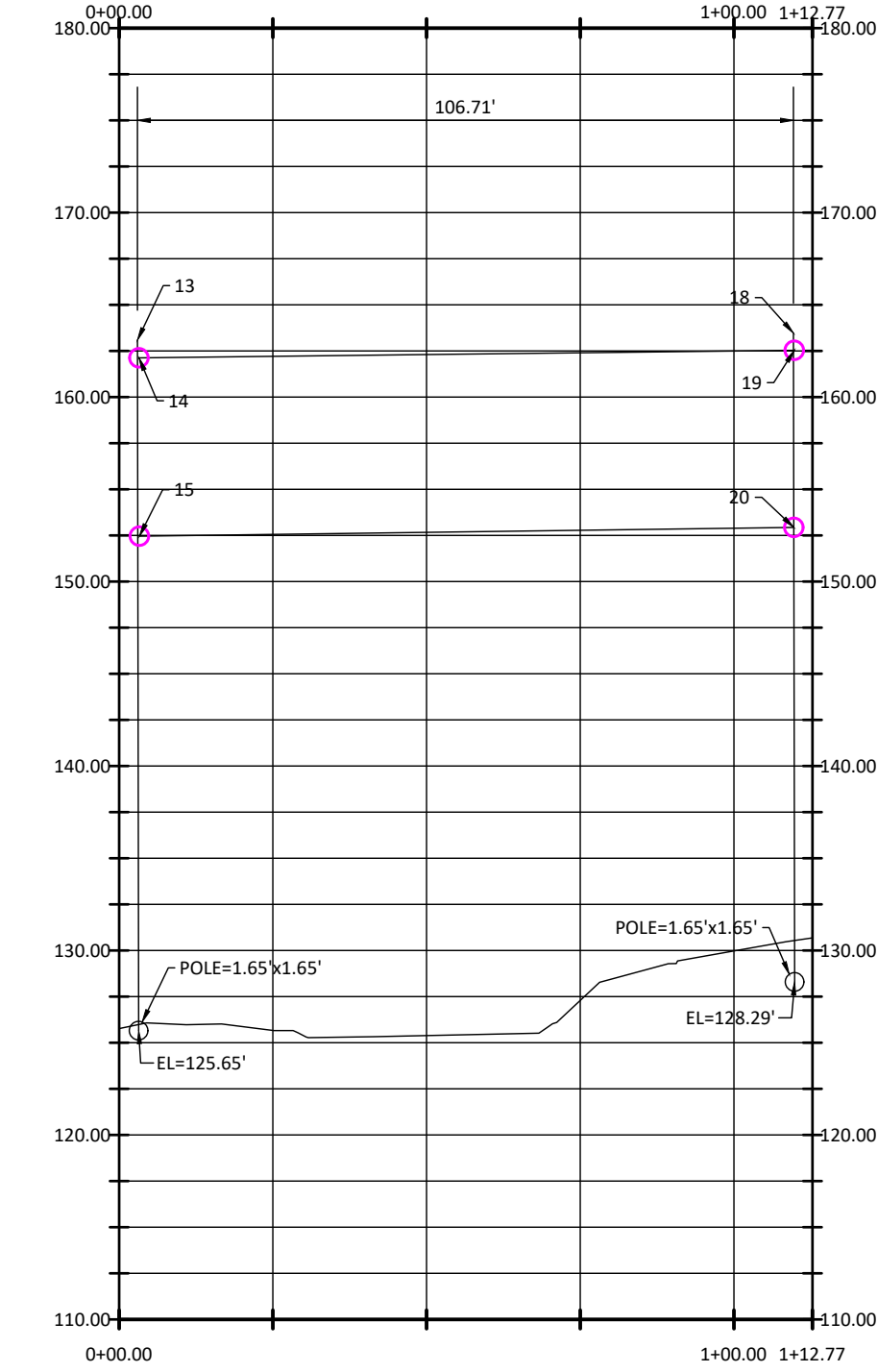


North View



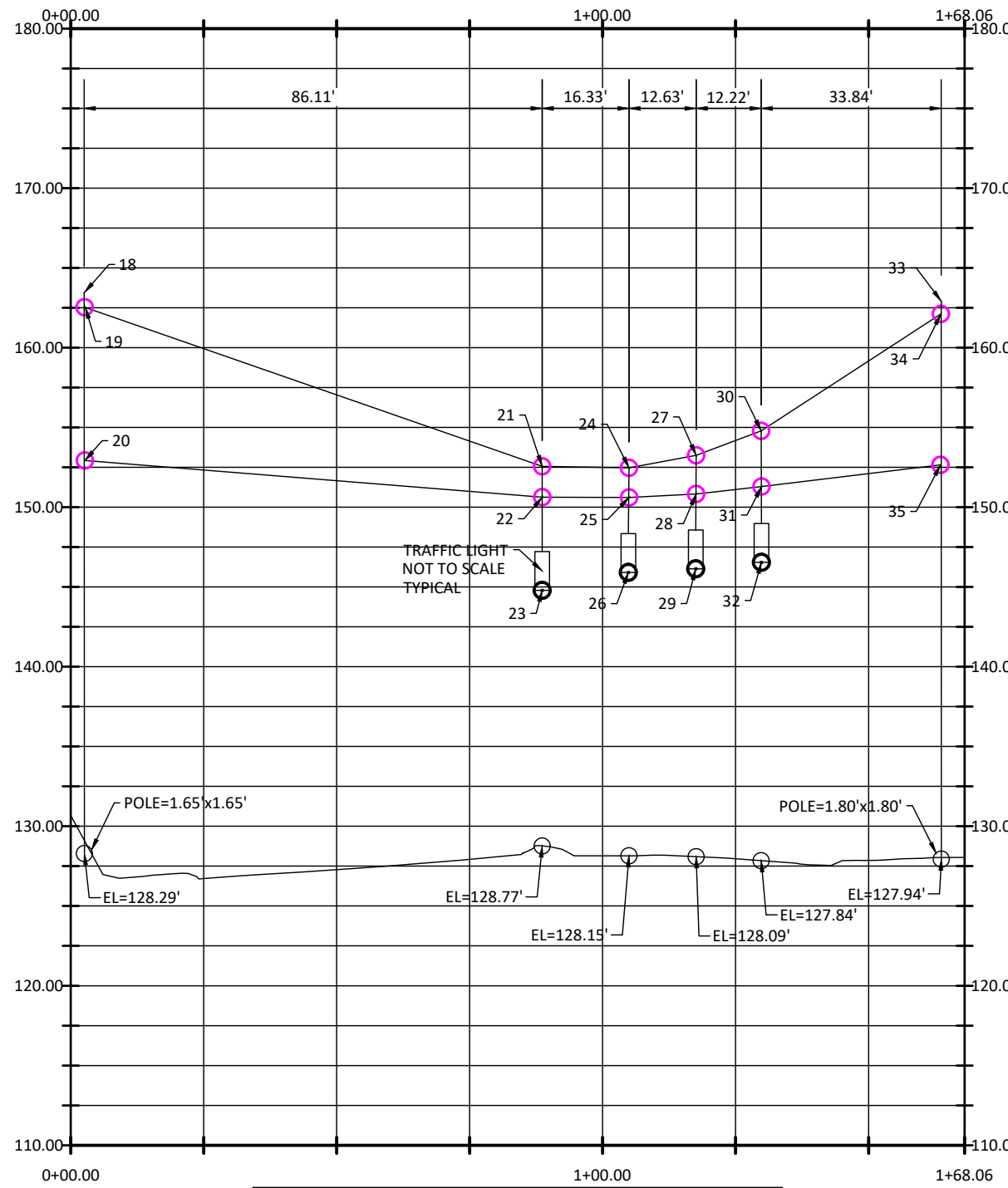
Point #	Northing	Easting	Elevation	Description
1	1656410.7185	366056.5450	164.18	Top of Pole
2	1656410.4478	366056.6157	163.27	Top Wire
3	1656410.3771	366056.6864	153.87	Bottom Wire
4	1656393.9990	366143.9720	154.25	Top Wire
5	1656393.9570	366143.9010	152.38	Bottom Wire
6	1656294.2810	366143.9570	146.57	Bottom Light
7	1656389.7680	366165.6560	154.69	Top Wire
8	1656389.7930	366165.7120	152.27	Bottom Wire
9	1656389.9510	366165.6680	147.57	Bottom Light
10	1656387.3540	366178.4620	155.46	Top Wire
11	1656387.3430	366178.4930	152.49	Bottom Wire
12	1656387.5290	366178.5230	147.77	Bottom Light
13	1656381.1470	366208.3840	163.08	Top of Pole
14	1656381.0763	366208.3133	162.12	Top Wire
15	1656381.0056	366208.2426	152.46	Bottom Wire
16	1656274.4925	366204.9475	163.47	Top of Pole
17	1656274.5632	366204.8768	162.53	Top Wire
18	1656274.6339	366204.8061	152.93	Bottom Wire

East View



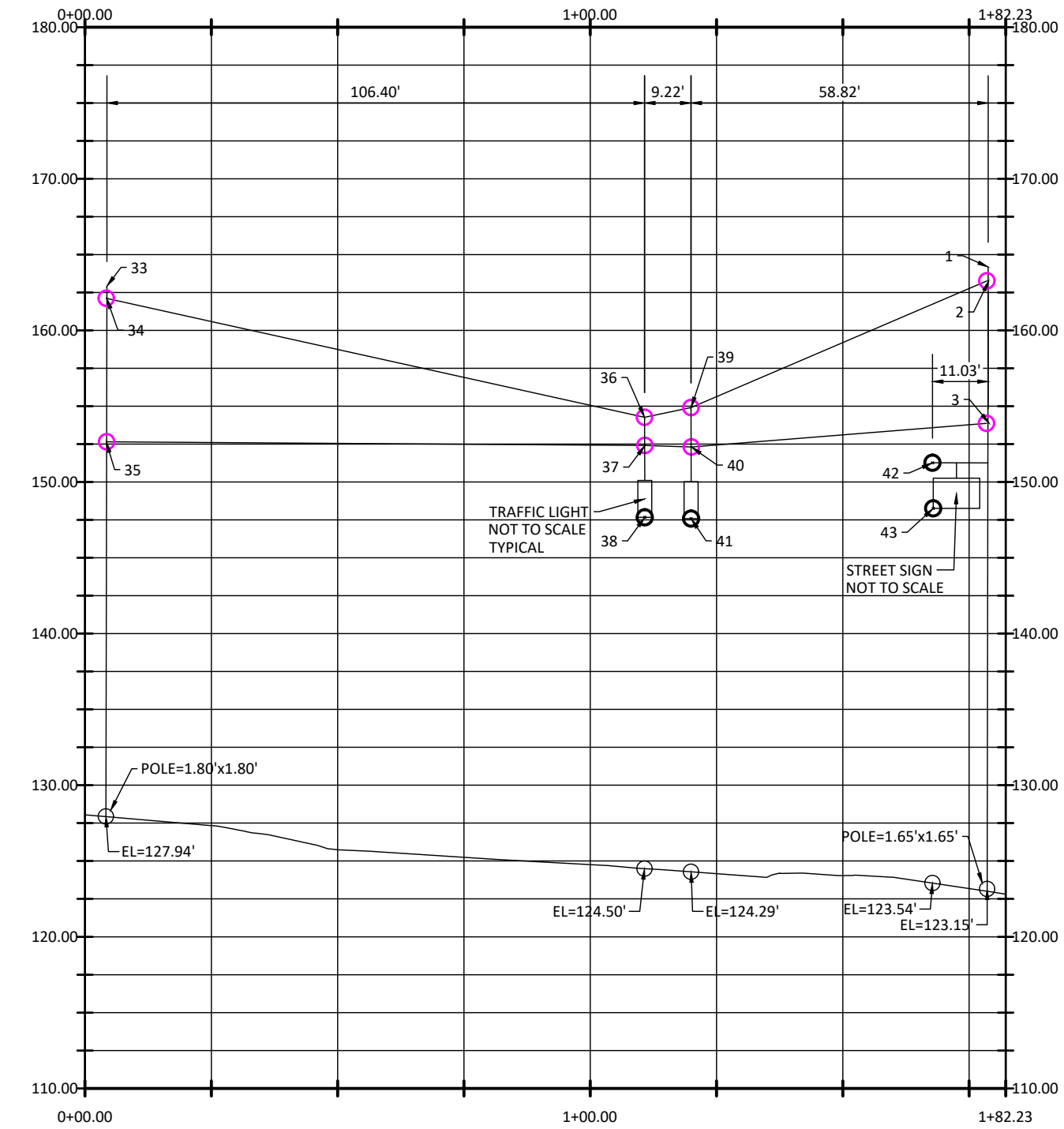
Point #	Northing	Easting	Elevation	Description
13	1656381.1470	366208.3840	163.08	Top of Pole
14	1656381.0763	366208.3133	162.12	Top Wire
15	1656381.0056	366208.2426	152.46	Bottom Wire
18	1656274.4925	366204.9475	163.47	Top of Pole
19	1656274.5632	366204.8768	162.53	Top Wire
20	1656274.6339	366204.8061	152.93	Bottom Wire

South View

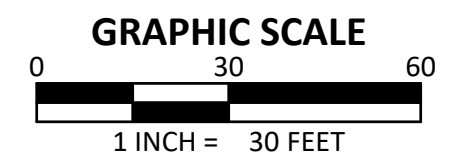
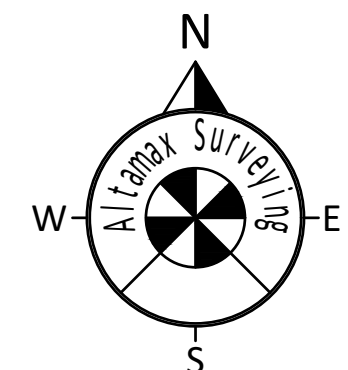


Point #	Northing	Easting	Elevation	Description
18	1656274.4925	366204.9475	163.47	Top of Pole
19	1656274.5632	366204.8768	162.53	Top Wire
20	1656274.6339	366204.8061	152.93	Bottom Wire
21	1656253.9130	366121.3760	152.56	Top Wire
22	1656253.9540	366121.3380	150.62	Bottom Wire
23	1656253.5260	366121.4760	144.78	Bottom Light
24	1656250.0270	366105.5180	152.47	Top Wire
25	1656250.0910	366105.4740	150.61	Bottom Wire
26	1656249.6880	366105.7260	145.91	Bottom Light
27	1656246.9620	366099.2700	153.25	Top Wire
28	1656247.1070	366099.2280	150.83	Bottom Wire
29	1656246.7980	366093.3860	146.14	Bottom Light
30	1656244.0410	366081.4050	154.79	Top Wire
31	1656244.1710	366081.2940	151.29	Bottom Wire
32	1656243.9260	366081.3810	146.54	Bottom Light
33	1656236.2670	366048.4210	162.92	Top Pole
34	1656236.3377	366048.4917	162.12	Top Wire
35	1656236.4084	366048.5624	152.65	Bottom Wire

West View



Point #	Northing	Easting	Elevation	Description
1	1656410.7185	366056.5450	164.18	Top of Pole
2	1656410.4478	366056.6157	163.27	Top Wire
3	1656410.3771	366056.6864	153.87	Bottom Wire
33	1656236.2670	366048.4210	162.92	Top Pole
34	1656236.3377	366048.4917	162.12	Top Wire
35	1656236.4084	366048.5624	152.65	Bottom Wire
36	1656342.7750	366052.9380	154.27	Top Wire
37	1656342.8600	366053.0690	152.41	Bottom Wire
38	1656342.8300	366052.9350	147.67	Bottom Light
39	1656351.9880	366053.3470	154.90	Top Wire
40	1656352.0540	366053.5160	152.31	Bottom Wire
41	1656351.9900	366053.3200	147.58	Bottom Light
42	1656399.7340	366055.4090	151.26	Sign Pole
43	1656399.8750	366055.4240	148.26	Bottom Sign



NO AVAILABLE ISOMETRIC IMAGE



ADDRESS:
0 US Highway 27/441
Fruitland Park, FL 34731

Job Information
JOB NO. 904020
CF NO. LAK-US HWY 27
FIELD DATE: 12/17/2020
SCALE: 1" = 30'
DRAWN BY: SAH

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Phone: 407-677-0200
Licensed Business No. 7833
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RESOLUTION 2022-xx

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, FLORIDA, GRANTING MAJOR SITE PLAN APPROVAL WITH CONDITIONS TO ALLOW FOR CONSTRUCTION OF A SEVEN-ELEVEN; PROVIDING FOR CONDITIONS; AUTHORIZING THE CITY MANAGER TO ISSUE A NOTICE OF SITE PLAN APPROVAL UPON COMPLETION OF ALL CONDITIONS; REPEALING RESOLUTION 2021-045 AND NOTICE OF A MAJOR SITE PLAN; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Fruitland Park Ella, LLC and R.K.M. Development Corp. has filed an application for Major Site Plan Approval to allow for construction of a new Seven-Eleven building on real property located at xxxx US Hwy 27/441, Fruitland Park; and

WHEREAS, the Planning and Zoning Board of the City of Fruitland Park has considered the application in accordance with the Land Development Regulations for Major Site Plan Approval in Chapter 160 of the Land Development Regulations; and

WHEREAS, the City Commission of the City of Fruitland Park has considered the application in accordance with the Land Development Regulations for Major Site Plan Approval in Chapter 160 of the Land Development Regulations, subject to conditions;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, LAKE COUNTY, FLORIDA, AS FOLLOWS:

Section 1. Granting of Major Site Plan Approval.

The application filed by Fruitland Park Ella, LLC and R.K.M. Development Corp. (hereafter referred to as “Applicant”), to allow for construction of a new Seven-Eleven building on real property located at xxxx US Hwy 27/441, Fruitland Park is hereby GRANTED, with conditions, for the following described property:

A portion of Alt. Key Numbers: 274770

A portion of Parcel Id. Numbers: 33-18-24-0001-000-00400

LEGAL DESCRIPTION: See attached Exhibit A.

Section 2. Conditions of Approval.

- (1) Prior to the issuance of a building permit, the Applicant shall resolve, to the satisfaction of the City Manager or designee, the following matters:
 - (a) Applicant must obtain a driveway permit from FDOT for connection of the Property to US Hwy 27/441.

- (b) Applicant must dedicate and convey by right-of-way deed to Lake County right-of-way for Lake Ella Road. Applicant must prepare and provide to Lake County the legal description and sketch of description of the right-of-way as determined by Lake County, along with a copy of the Property boundary survey and title report.
 - (c) Applicant must cooperate with FDOT and Lake County for the traffic signal modification at the intersection of US Hwy 27/441 and Lake Ella Road, and execute any required agreements relating to same.
- (2) Site plan approval shall terminate and become null and void automatically without notice if construction has not commenced within twelve (12) months from the date of this conditioned approval.
 - (3) The Site Plan is attached hereto and incorporated herein.
 - (4) Upon compliance with the conditions set forth above, the City Manager is authorized to issue and record a Notice of Site Plan Approval in the public records of Lake County, Florida.

Section 3. Repeal.

Resolution 2021-045 and Notice of a Major Site Plan Approval collectively recorded 11/10/2021 in Official Record Book 5834, Page 825 – 830 Public Records of Lake County, Florida is hereby repealed.

Section 4. Effective Date.

This resolution shall become effective immediately upon its passage.

PASSED and ADOPTED at a regular meeting of the City Commission of the City of Fruitland Park, Lake County, Florida this _____ day of _____, 2021.

SEAL

CITY COMMISSION OF THE CITY OF
FRUITLAND PARK, FLORIDA

CHRIS CHESHIRE, MAYOR

ATTEST:

ESTHER COULSON, CITY CLERK

Mayor Cheshire _____ (Yes), _____ (No), _____ (Abstained), _____ (Absent)
Vice Chairman Gunter _____ (Yes), _____ (No), _____ (Abstained), _____ (Absent)
Commissioner DeGrave _____ (Yes), _____ (No), _____ (Abstained), _____ (Absent)
Commissioner Mobilian _____ (Yes), _____ (No), _____ (Abstained), _____ (Absent)
Commissioner Bell _____ (Yes), _____ (No), _____ (Abstained), _____ (Absent)

Approved as to form:

Anita Geraci-Carver, City Attorney

EXHIBIT A

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence $S89^{\circ} 51' 42''$ E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet to the west line of the N/W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said section 33; thence $S00^{\circ} 16' 00''$ W, along said west line, a distance of 50.00 feet for a point of beginning; thence $S89^{\circ} 51' 42''$ E a distance of 353.22 feet; thence $S44^{\circ} 44' 13''$ E a distance of 28.23 feet to the west right-of-way line of U.S. Highway 27/441 as shown on Florida Department of Transportation right-of-way map, F.P. NO. 238395-4, section 10040; thence $S02^{\circ} 14' 34''$ W, along said west right-of-way line, a distance of 354.23 feet; thence $N89^{\circ} 51' 34''$ W a distance of 285.97 feet; thence $N00^{\circ} 16' 00''$ E a distance of 305.00 feet; thence $N89^{\circ} 45' 01''$ W a distance of 75.00 feet to said west line of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 33; thence $N00^{\circ} 16' 00''$ E, along said west line, a distance of 68.84 feet to the point of beginning.

RESOLUTION 2022-0XX

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, FLORIDA, GRANTING LOT SPLIT APPROVAL OF PROPERTY LOCATED WEST OF THE INTERSECTION OF US HWY 441 AND EAGLES NEST ROAD, FRUITLAND PARK, FLORIDA, OWNED BY FRUITLAND LAKE ELLA LLC; PROVIDING FOR A NOTICE TO BE RECORDED IN THE PUBLIC RECORDS OF LAKE COUNTY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the applicants have petitioned for the division of the Property (hereinafter described), into two separate lots with the remaining portion being deeded to Lake County for road right-of-way; and

WHEREAS, the subject property is located west of the intersection of US Hwy 441 and Eagles Nest Road, Fruitland Park; and

WHEREAS, the Planning and Zoning and the City Commission have considered the application in accordance with Sec. 157.050(5)(c) of the City of Fruitland Park Land Development Code;

WHEREAS, the Planning and Zoning recommended approval of the lot split;

WHEREAS, the City Commission finds that the lot split is in compliance with the City's land development regulations.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, LAKE COUNTY, FLORIDA, AS FOLLOWS:

Section 1. Granting of Subdivision of Property (Lot Split) Approval.

Approval of the subdivision of property, Lot Split, for the real property described below is **GRANTED**.

LEGAL DESCRIPTION PARENT PARCEL: That part of the Northwest ¼ of the Northeast ¼ of the Northeast ¼ of Section 22, Township 18 South, Range 24 East, Lake County, Florida lying west of the highway, less and except railroad right-of-way. Together with that portion of the lands described in that final judgment quieting title recorded in Official Records Book 3578, Page 2451 of the Public Records of Lake County, Florida, lying within the Northwest ¼ of the Northeast ¼ of the Northeast ¼ of the Northeast ¼ of Section 22, Township 18 South, Range 24, East, Lake County, Florida, lying West of the highway.

Parcel Alternate Key No. 2748770

Is subdivided to be:

Parcel 1 (7-Eleven Site)

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence S89° 51'42" E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet to the west line of the N/W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said section 33; thence S00°16'00"W, along said west line, a distance of 50.00 feet for a point of beginning; thence S89°51'42"E a distance of 353.22 feet; thence S44°44'13"E a distance of 28.23 feet to the west right-of-way line of U.S. Highway 27/441 as shown on Florida Department of Transportation right-of-way map, F.P. NO. 238395-4, section 10040; thence S02°14'34"W, along said west right-of-way line, a distance of 354.23 feet; thence N89°51'34"W a distance of 285.97 feet; thence N00°16'00"E a distance of 305.00 feet; thence N89°45'01"W a distance of 75.00 feet to said west line of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 33; thence N00°16'00"E, along said west line, a distance of 68.84 feet to the point of beginning.

Parcel 2 (Fruitland Park Lake Ella LLC)

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18, south, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence S89° 51'42"E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet for a point of beginning; thence continue S89° 51'42" E along the north line of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of said section 33 a distance of 375.60 feet to the west right-of-way line of US Highway 27/441 as shown on Florida Department of Transportation right of way map F.P. No. 238395-4, section 11040; thence S02° 14'34"W along said west right-of-way line a distance of 424.28 feet; thence N89° 51'34"W a distance of 285.97 feet; thence N00° 16'00"E a distance of 305.00 feet; thence N89° 45'01"W a distance of 75.00 feet to the west line of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said section 33; thence N00° 16'00" E along said west line a distance of 118.84 feet to the point of beginning.

Section 2. Recording of Notice.

The Community Development Director is directed to record a certified copy of the Notice of Subdivision of Property, a copy of which is attached hereto, in the public records of Lake County, Florida, and provide a copy to the Lake County Property Appraiser.

Section 3. Effective Date.

This resolution shall become effective immediately upon its passage.

PASSED AND RESOLVED this ____ day of _____, 2022, by the City Commission of the City of Fruitland Park, Florida.

SEAL

CITY COMMISSION OF THE CITY OF
FRUITLAND PARK, FLORIDA

CHRIS CHESHIRE, MAYOR

ATTEST:

ESTHER COULSON, CITY CLERK

Mayor Cheshire	____	(Yes),	____	(No),	____	(Abstained),	____	(Absent)
Vice Mayor Gunter	____	(Yes),	____	(No),	____	(Abstained),	____	(Absent)
Commissioner Bell	____	(Yes),	____	(No),	____	(Abstained),	____	(Absent)
Commissioner DeGrave	____	(Yes),	____	(No),	____	(Abstained),	____	(Absent)
Commissioner Mobilian	____	(Yes),	____	(No),	____	(Abstained),	____	(Absent)

Approved as to form:

Anita Geraci-Carver, City Attorney

NOTICE OF SUBDIVISION OF PROPERTY TO BE ATTACHED

Record and return to:
City of Fruitland Park
Community Development Department
506 W Berckman St.
Fruitland Park, FL 34731

NOTICE OF SUBDIVISION OF PROPERTY

Owner(s): Fruitland Lake Ella LLC
Levy A. Wong
13362 SW 128 Street
Miami, FL 33186

The City of Fruitland Park, a municipal corporation of the State of Florida, hereby grants subdivision approval for a Lot Split pursuant to Sec. 157.050 of the City Land Development Code. The following described property (Parent Parcel):

LEGAL DESCRIPTION PARENT PARCEL: That part of the Northwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 22, Township 18 South, Range 24 East, Lake County, Florida lying west of the highway, less and except railroad right-of-way.

Together with that portion of the lands described in that final judgment quieting title recorded in Official Records Book 3578, Page 2451 of the Public Records of Lake County, Florida, lying within the Northwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 22, Township 18 South, Range 24, East, Lake County, Florida, lying West of the highway.

Parcel Alternate Key No. 2748770

Is subdivided to be:

Parcel 1 (7-Eleven Site)

A portion of the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of section 33, township 18, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north $\frac{1}{4}$ corner of said section 33; run thence S89° 51'42" E along the north line of the NE $\frac{1}{4}$ of said section 33, a distance of 1327.14 feet to the west line of the N/W $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of said section 33; thence S00°16'00"W, along said west line, a distance of 50.00 feet for a point of beginning; thence S89°51'42"E a distance of 353.22 feet; thence S44°44'13"E a distance of 28.23 feet to the west right-of-way line of U.S. Highway 27/441 as shown on Florida Department of Transportation right-of-way map, F.P. NO. 238395-4, section 10040; thence S02°14'34"W, along said west right-of-way line, a distance of 354.23 feet; thence N89°51'34"W a distance of 285.97' feet; thence N00°16'00"E a distance of 305.00 feet; thence N89°45'01"W a distance of 75.00 feet to said west line of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 33; thence N00°16'00"E, along said west line, a distance of 68.84 feet to the point of beginning.

Parcel 2 (Fruitland Park Lake Ella LLC)

A portion of the northwest ¼ of the northeast ¼ of the northeast ¼ of section 33, township 18, south, range 24 east, Lake County, Florida, being more particularly described as follows:

Commence at the north ¼ corner of said section 33; run thence S89° 51'42"E along the north line of the NE ¼ of said section 33, a distance of 1327.14 feet for a point of beginning; thence continue S89° 51'42" E along the north line of the northwest ¼ of the northeast ¼ of the northeast ¼ of said section 33 a distance of 375.60 feet to the west right-of-way line of US Highway 27/441 as shown on Florida Department of Transportation right of way map F.P. No. 238395-4, section 11040; thence S02° 14'34"W along said west right-of-way line a distance of 424.28 feet; thence N89° 51'34"W a distance of 285.97 feet; thence N00° 16'00"E a distance of 305.00 feet; thence N89° 45'01"W a distance of 75.00 feet to the west line of the NW ¼ of the NE ¼ of the NE ¼ of the NE ¼ of said section 33; thence N00° 16'00" E along said west line a distance of 118.84 feet to the point of beginning.

also depicted in **Exhibit "A"**.

CITY OF FRUITLAND PARK, FLORIDA

Chris Cheshire, Mayor

State of Florida
County of Lake

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this ____ day of _____, 2022, by Chris Cheshire, Mayor of the City of Fruitland Park, on behalf of the municipal corporation, who is personally known to me or produced _____ as identification.

Notary Public

ATTEST:

Esther Coulson, City Clerk

Approved as to Form:

Anita Geraci-Carver
City Attorney

EXHIBIT A

Boundary Survey/Sketch of Description describing and depicting parent parcel and two resulting parcels

RESOLUTION 2021-045

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, FLORIDA, GRANTING MAJOR SITE PLAN APPROVAL WITH CONDITIONS TO ALLOW FOR CONSTRUCTION OF A SEVEN-ELEVEN; PROVIDING FOR CONDITIONS; AUTHORIZING THE CITY MANAGER TO ISSUE A NOTICE OF SITE PLAN APPROVAL UPON COMPLETION OF ALL CONDITIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Fruitland Park Ella, LLC and R.K.M. Development Corp. has filed an application for Major Site Plan Approval to allow for construction of a new Seven-Eleven building on real property located at xxxx US Hwy 27/441, Fruitland Park; and

WHEREAS, the Planning and Zoning Board of the City of Fruitland Park has considered the application in accordance with the Land Development Regulations for Major Site Plan Approval in Chapter 160 of the Land Development Regulations; and

WHEREAS, the City Commission of the City of Fruitland Park has considered the application in accordance with the Land Development Regulations for Major Site Plan Approval in Chapter 160 of the Land Development Regulations, subject to conditions;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FRUITLAND PARK, LAKE COUNTY, FLORIDA, AS FOLLOWS:

Section 1. Granting of Major Site Plan Approval.

The application filed by Fruitland Park Ella, LLC and R.K.M. Development Corp. (hereafter referred to as "Applicant"), to allow for construction of a new Seven-Eleven building on real property located at xxxx US Hwy 27/441, Fruitland Park is hereby GRANTED, with conditions, for the following described property:

Alt. Key Numbers: 274770

Parcel Id. Numbers: 33-18-24-0001-000-00400

LEGAL DESCRIPTION: See attached Exhibit A.

Section 2. Conditions of Approval.

- (1) Prior to the issuance of a building permit, the Applicant shall resolve, to the satisfaction of the City Manager or designee, the following matters:
 - (a) Applicant must obtain a driveway permit from FDOT for connection of the Property to US Hwy 27/441.
 - (b) Applicant must dedicate and convey by right-of-way deed to Lake County right-of-way for Lake Ella Road. Applicant must prepare and provide to Lake County the legal description and sketch of description of the right-of-way as determined by Lake County, along with a copy of the Property boundary survey and title report.

- (c) Applicant must cooperate with FDOT and Lake County for the traffic signal modification at the intersection of US Hwy 27/441 and Lake Ella Road, and execute any required agreements relating to same.
- (2) Site plan approval shall terminate and become null and void automatically without notice if construction has not commenced within twelve (12) months from the date of this conditioned approval.
- (3) The Site Plan is attached hereto and incorporated herein.
- (4) Upon compliance with the conditions set forth above, the City Manager is authorized to issue and record a Notice of Site Plan Approval in the public records of Lake County, Florida.

Section 3. Effective Date.

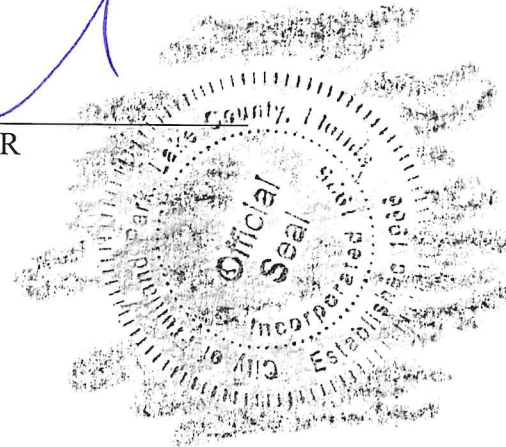
This resolution shall become effective immediately upon its passage.

PASSED and ADOPTED at a regular meeting of the City Commission of the City of Fruitland Park, Lake County, Florida this 28th day of October 2021.

SEAL

CITY COMMISSION OF THE CITY OF FRUITLAND
PARK, FLORIDA


CHRIS CHESHIRE, MAYOR

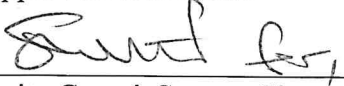


ATTEST:


ESTHER COULSON, CITY CLERK, MMC

Mayor Cheshire	<u> / / </u>	(Yes),	<u> </u>	(No),	<u> </u>	(Abstained),	<u> </u>	(Absent)
Vice Chairman Gunter	<u> / / </u>	(Yes),	<u> </u>	(No),	<u> </u>	(Abstained),	<u> </u>	(Absent)
Commissioner Bell	<u> / / </u>	(Yes),	<u> </u>	(No),	<u> </u>	(Abstained),	<u> </u>	(Absent)
Commissioner DeGrave	<u> / / </u>	(Yes),	<u> </u>	(No),	<u> </u>	(Abstained),	<u> </u>	(Absent)
Commissioner Mobilian	<u> / / </u>	(Yes),	<u> </u>	(No),	<u> </u>	(Abstained),	<u> </u>	(Absent)

Approved as to form:


Anita Geraci-Carver, City Attorney

Legal Description:

THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 33, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA LYING WEST OF THE HIGHWAY, LESS AND EXCEPT RAILROAD RIGHT-OF-WAY.

TOGETHER WITH THAT PORTION OF THE LANDS DESCRIBED IN THAT FINAL JUDGEMENT QUIETING TITLE RECORDED IN OFFICIAL RECORDS BOOK 3578, PAGE 2451 OF THE PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, LYING WITHIN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 33, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA, LYING WEST OF THE HIGHWAY.

Record and return to
City of Fruitland Park
506 W Berckman St
Fruitland Park, FL 34731

NOTICE OF A MAJOR SITE PLAN APPROVAL

TO: Fruitland Lake Ella, LLC
133602 SW 128 Street
Miami FL 33186

and

R.K.M. Development Corp.
147 Second Avenue South, Suite 400,
St. Petersburg, FL 33701

You are hereby notified that a major site plan approval has been given by the City of Fruitland Park Commission at its October 28, 2021 regular meeting with conditions to be completed as outlined below in the adopted Resolution 2021-045, to allow for construction of a new Seven-Eleven building on real property located west of U.S. Highway 441/27 and Eagles Nest Road in Fruitland Park, more particularly described:

LEGAL DESCRIPTION:

THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 33, TOWNSHIP 18 SOUTH, RANGE 24 EAST, LAKE COUNTY, FLORIDA LYING WEST OF THE HIGHWAY, LESS AND EXCEPT RAILROAD RIGHT-OF-WAY.

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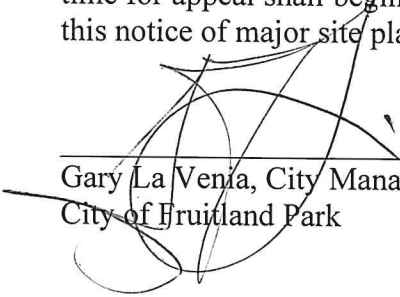
Conditions of Approval.

- (1) Prior to the issuance of a building permit, the applicant shall resolve, to the satisfaction of the city manager or designee, the following matters:
 - (a) Applicant must obtain a driveway permit from the State of Florida Department of Transportation (FDOT) for connection of the property to US Hwy 27/441.
 - (b) Applicant must dedicate and convey by right-of-way (ROW) deed to Lake County ROW for Lake Ella Road. Applicant must prepare and provide to the county the legal description and sketch of description of the ROW as determined by the county, along with a copy of the property boundary survey and title report.

- (c) Applicant must cooperate with FDOT and the county for the traffic signal modification at the intersection of US Hwy 27/441 and Lake Ella Road and execute any required agreements relating to same.
- (2) Site plan approval shall terminate and become null and void automatically without notice if construction has not commenced within twelve (12) months from the date of this conditioned approval.
- (3) The Site Plan is attached hereto and incorporated herein.
The above-referenced property may not be subdivided or split without the express written approval of the City of Fruitland Park Commission.
- (4) Upon compliance with the conditions set forth above, the city manager is authorized to issue and record a notice of site plan approval in the public records of Lake County, Florida.
- (5) This conditioned approval may also be revoked by the city manager, at any time, if the above conditions are not followed and met by the applicant.

APPELLATE RIGHTS

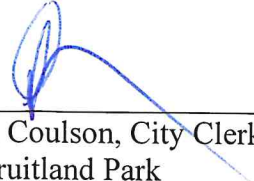
In accordance with s.163.3215, *Florida Statutes*, you are hereby advised that you have thirty (30) days to appeal the decision of the city manager to the Circuit Court in Lake County, Florida. The time for appeal shall begin from the date the city manager renders its written decision by signing this notice of major site plan approval.



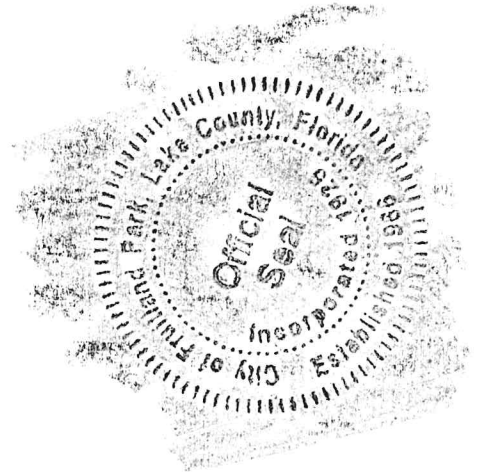
Gary La Vena, City Manager
City of Fruitland Park

Dated: November 9, 2021

Attest:



Esther B. Coulson, City Clerk
City of Fruitland Park





SCALE: 1/8" = 1'-0"
 (1/4" IN FIELD)
 ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND ALL APPLICABLE LOCAL ORDINANCES.

LEGEND

- HEAVY DUTY ASPHALT
- FOOT SPECIFIC TRAVELWAY DUTY ASPHALT
- PAVEMENT DETAIL (D1)
- CONCRETE
- CONCRETE

LINE SCHEDULE

LINE	DESCRIPTION	WIDTH
C1	CROWN DATA	
L1	1.5" RADIUS	
L2	2.0" RADIUS	
A1	4.0" RADIUS	
S1	SHOULDER	
S2	SIDEWALK	

SITE DATA TABLE

ITEM	DESCRIPTION	QUANTITY	UNIT
1	CONCRETE	1,234.56	CY
2	HEAVY DUTY ASPHALT	5,678.90	SQ YD
3	FOOT SPECIFIC TRAVELWAY ASPHALT	1,234.56	SQ YD
4	PAVEMENT DETAIL (D1)	1,234.56	SQ YD
5	CONCRETE	1,234.56	CY

ZONING C2 - COMMERCIAL

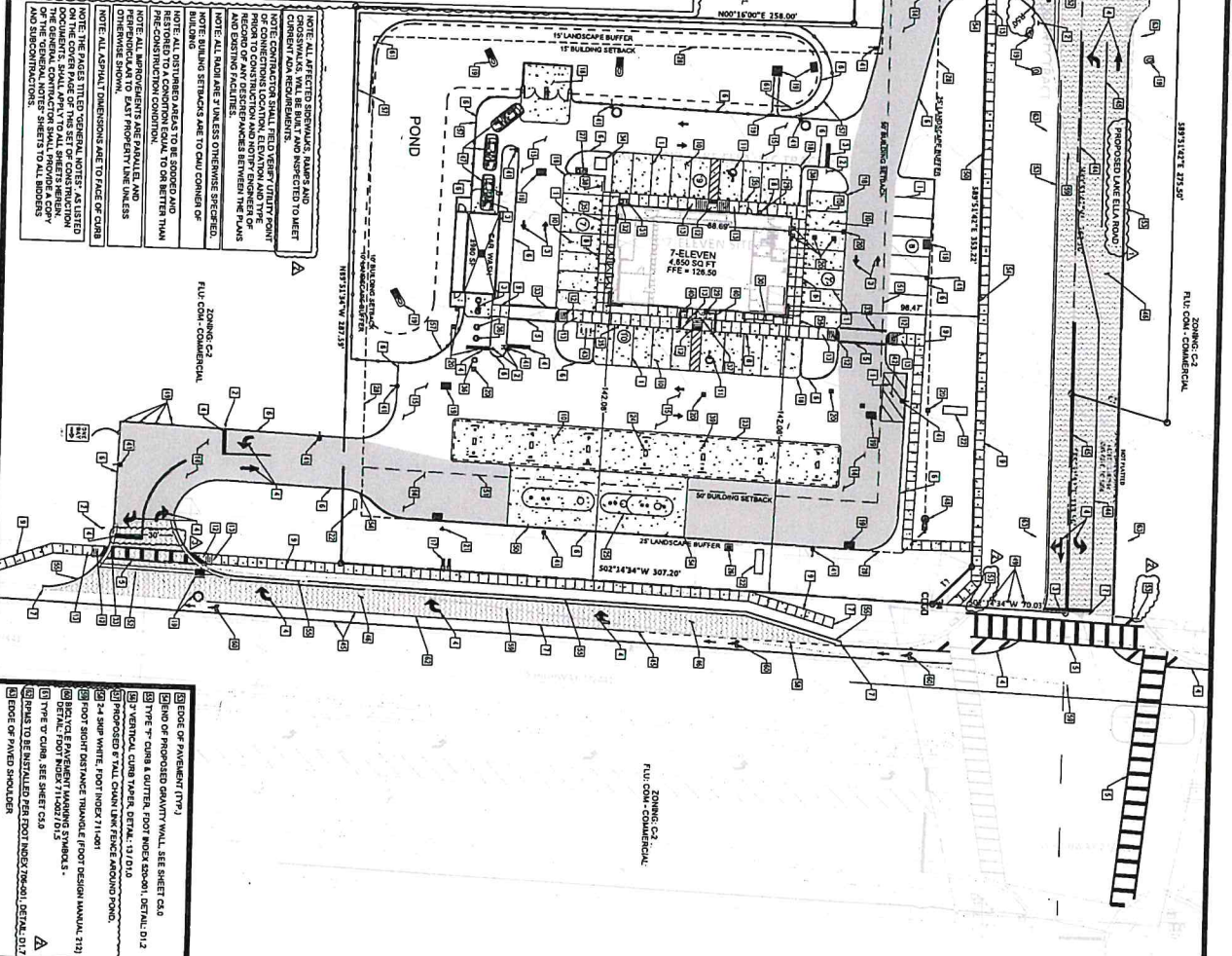
31-124-000-00000
 (C1) GENERAL COMMERCIAL
 (C2) GENERAL COMMERCIAL
 (C3) GENERAL COMMERCIAL
 (C4) GENERAL COMMERCIAL
 (C5) GENERAL COMMERCIAL

ADJACENT ZONING:
 (C1) GENERAL COMMERCIAL
 (C2) GENERAL COMMERCIAL
 (C3) GENERAL COMMERCIAL
 (C4) GENERAL COMMERCIAL
 (C5) GENERAL COMMERCIAL

AGREES:
 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT

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 PROPOSED 17,000 SQ FT
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 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT
 PROPOSED 17,000 SQ FT



- ### SITE PLAN NOTES
1. WHITE THERMOPLASTIC STRIPING
 2. STOP SIGN POST - DETAIL: 1.01.0
 3. TYPICAL THERMOPLASTIC PAVEMENT MARKINGS ONDRIVE TRAFFIC ARROWS - DETAIL: 3.01.0
 4. TYPICAL THERMOPLASTIC PAVEMENT MARKINGS - DETAIL: FOOT INDEX 11.00.01.01.4
 5. PROPOSED 2% CROSS SLOPE ON 5% LONGITUDINAL SLOPE
 6. NOT TO EXCEED 2% CROSS SLOPE ON 5% LONGITUDINAL SLOPE
 7. PROPOSED CURB AND GUTTER PAVEMENT TO TRANSITION SMOOTHLY TO EXISTING PAVEMENT TO EXISTING DRIVEWAY
 8. PROPOSED CURB AND GUTTER PAVEMENT TO TRANSITION SMOOTHLY TO EXISTING PAVEMENT TO EXISTING DRIVEWAY
 9. MONOLITHIC CURB & SIDEWALK (TP-1) - DETAIL: 5.01.0
 10. CONCRETE SIDEWALK (TP-1) - DETAIL: 5.01.0
 11. CONCRETE SIDEWALK (TP-1) - DETAIL: 5.01.0
 12. CONCRETE SIDEWALK (TP-1) - DETAIL: 5.01.0
 13. MONOLITHIC CURB & SIDEWALK (TP-1) - DETAIL: 5.01.0
 14. MONOLITHIC CURB & SIDEWALK (TP-1) - DETAIL: 5.01.0
 15. MONOLITHIC CURB & SIDEWALK (TP-1) - DETAIL: 5.01.0
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 50. MONOLITHIC CURB & SIDEWALK (TP-1) - DETAIL: 5.01.0

<p>7-ELEVEN STORE # 42100 US HWY 441 AT LAKE ELLA FRUITLAND PARK, FL 34711</p>		<p>RKM DEVELOPMENT CORP. 147 2ND AVE. SOUTH SUITE 400 ST. PETERSBURG, FL 33701 PHONE: (800) 966-7563</p>	
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DATE: 05/11/21
 REVISIONS:
 1. 06/30/21 FOOT COMMENTS
 2. 06/30/21 CITY OF FRUITLAND PARK COMMENTS
 3. 06/30/21 CITY OF FRUITLAND PARK RAI #1

NO.	DATE	REVISIONS
1	05/11/21	CITY OF FRUITLAND PARK COMMENTS
2	06/30/21	FOOT COMMENTS
3	06/30/21	CITY OF FRUITLAND PARK RAI #1

271,056
 TOTAL SQUARE FEET
C4.0
 ZONE

221,056
 TOTAL SQUARE FEET
C4.0
 ZONE