

Plantation Acres Improvement District Broward County Florida

1701 NW 112th Avenue, Plantation, FL 33323 AGENDA February 23, 2023

Call to Order 7:00 P.M.

Pledge of Allegiance

Invocation

Roll Call

Approval of Attendance of Commissioners by Social Media or Telephone

Approval of Minutes

Public Comment

Staff Reports

- Ι. Administrator's Report
 - Ken Smith Keefe McCullough & Co CPA September 30th, 2022 Audit Α.
 - Approval of the January 2023 Expenditures in the amount of \$58,223.38 Β.
 - Accounts Payable Procedures Chair Nieset will discuss C.
- Attorney's Report П.
- III. Engineer's Report
 - CONSENT ITEMS Α.

None

	В.	QUASI-JUDICIAL ITEMS The items in this section are quasi-judicial in nature. If you wish to object or comment upon any of these items, you must be sworn before addressing the Board of Commissioners, and if you wish to address the Board, you may be subject to cross-examination. If you refuse to submit to cross- examination, the Board of Commissioners will not consider what you have said in its final deliberation.				
		B1.	Kasbah Parcel (S2108.01) Site Data Record			
	C.	BOARD ACTION ITEMS				
		C1.	North Acres Park (C0209.02) Approval			
		C2.	Request for Waiver of Fees - North Acres Park (C0209.02) Approval			
	D.	DISC	CUSSION ITEMS			
		D1.	NW 2 nd Street R/W Drainage (D2301.01)			
		D2.	Preparation of Agenda (D2301.01)			
		D3.	Pump Stations Improvements (D1707.01) Update			
		D4.	2022 PAID Annual Report (D2301.02)			
		D5.	Permit Activity (D9408.02 & D9408.03)			
		D6.	Violation Activity (D9611.01)			
IV.	Dist	rict Ma	anager's Agenda			

Old Business

New Business

Commissioner Comments

Adjournment

Notice is hereby given to all interested parties that if any person should decide to appeal any decision made at the forthcoming meeting of the Board of Commissioners, such person will need a record of the proceedings conducted at such meeting, and for such purpose he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which any appeal may be based. Persons with disabilities requiring accommodations in order to participate should contact the District Office at (954) 474-3092 at least 48 hours in advance to request such accommodations.

Action Required:	Board Approval (Quasi-Judicial) Kasbah Parcel Site Data Record				
Item Description:					
P.A.I.D. Number:	<u>S2108.01</u>				
Attachments:	Site Data Record Application Information				
Summary:	This application meets the criteria of the District, including the dedication of the required drainage easements and restrictive covenant for drainage purposes. Approval of this item shall constitute the following:				
	 Approval of the Site Data Record document; Acceptance of the easements and covenant provided to PAID; Ratification of any right-of-way, easement, and/or covenant previously recorded; Approval for the recordation of any right-of-way, easement, and/or covenant executed and delivered but not recorded. 				
Recommendation:	APPROVE				
Comments:	The Chairman may sign the original after Board approval and after the updated title opinion is received and owner and surveyor have signed the original.				
Prepared by: <u>CJF</u>	Date: 2/15/23 2023-02-23 S2108.01 Staff Report.wpd				

LEGAL DESCRIPTION:

Parcel A, of CAROSELLA PLAT, according to the plat thereof, as recorded in Plat Book 93, at Page 43 of the Public Records of Broward County, Florida.

CONSENT BY OWNER:

KNOW ALL MEN BY THESE PRESENTS: That Nathaniel D. Pool, as Trustee of the Nathaniel D. Pool Revocable Trust dated June 8, 1999, as restated on May 29, 2008, owner of the lands described and shown in the Site Data Record date shown in the Site Data Record does ratify and consent to all easements previoulsy conveyed as referred to herein.

In witness whereof: We have set our hand and seal this **_15**^m day of **_February**, 2023.

Witness: <u>Randi Not</u> Bandi Hitt

1 Nathaniel D. Pool, as Trustee of the Nathaniel D. Pool Revocable Trust dated June 8, 1999,

Witness: ______ A.J. Ulvich

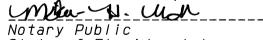
ACKNOWLEDGEMENT:

The foregoing CONSENT BY OWNER was acknowledged before me by means of -X_ physical presence or ____ online notarization, this _15 day of _Eerracy 2022 by NATHANIEL D. POOL, as Trustee of the NATHANIEL D. POOL REVOCABLE TRUST dated June 8, 1999, as restated May 29, 2000 who is popopoly known to app 2008, who is personally known to me or has produced _____ as identification.

My commission expires:

MIKKI HL ULRICH

Commission # HH 172192 Expires November 8, 2025 Bonded Thru Troy Fain Insurance



State of Florida at large

KASBAH PARCEL SITE DATA RECORD

Parcel A. CAROSELLA PLAT (PB 93, PG 43, BCR) Section 1, Township 50 South, Range 40 East Gross Acreage: 2.342 acres Net Acreage: 2.166 acres

PLANTATION ACRES IMPROVEMENT DISTRICT:

The drainage easements shown hereon as recorded in Official Records Book 49556, Page 1104 and Instrument Number

purposes and for purposes of ingress/ egress for the operation and maintenance of the drainage easements. Operation and maintenance by P. A. I. D. shall not be obligatory.

Chairman Da Date ENGINEERING DEPARTMENT:

Road Right-of-Way requirements have been satisfied as indicated hereon and recorded in Plat Book 2, Page 17 of the Public Records of Dade County, Florida and Plat Book 93, Page 43 of the Public Records of Broward County, Florida.

Samira Shalan, City Engineer _____ Florida PE #75400

SHEET 1 of 2



UTILITIES DEPARTMENT: The Plantation Utilities Department does not require any easements across this Parcel at this time.

Plantation Utilities Department Date

CITY REVIEW COMMITTEE:

This is to certify that the City Review Committee of the City of Plantation has approved and accepted this data for record this ____ day of _____, 20___.

Chairman

CITY COUNCIL:

This is to certify that this date has been approved and accepted for record by the City Council of Plantation, Florida, by Resolution #_____ adopted this ____ day of _____, 20___.

By: ______ Attest: ______ Mayor, City of Plantation City Clerk, City of Plantation

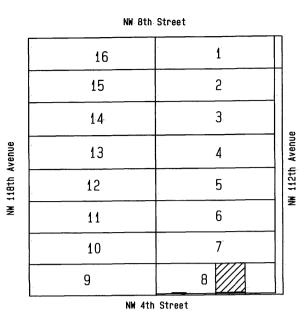
Date

SURVEYOR'S CERTIFICATE:

I hereby certify that this SITE DATA RECORD is a true and correct represent-ation of the lands surveyed and described hereon and the SITE DATA RECORD was made under my responsible direction and supervision and that this data complies with all the City Council approved guidelines of the City's planning consultants as to location of planning consultants as to location of easements and right-of-way referred to herein and all requirements of the Plantation Acres Improvement District The P.R.M.'s as shown on the SITE DATA RECORD have been set where indicated. All coodinates and benchmarks conform to third order accuracy. The survey information meets all of the STANDARDS OF PRACTICE as set forth in the rules of the PROFESSIONAL SURVEYORS AND MAPPERS as stated in Chapter 5J-17, FLORIDA ADMINISTRATIVE CODE . All recorded easements, rights-of-way for utilities, waterways, drainage, access and other information pertaining to this site have been indicated hereon. This Site Data Record is certified to and for the reliance by the Plantation Acres Improvement District, a Florida Public Corporation.

Prepared by: Mikki H. Ulrich Date Professional Surveyor & Mapper #5853 State of Florida Licenced Business No. 7281 Deni Land Surveyors, Inc.

DATE: May	, 2021	ORDER NO.: 2105028	FIELD BOOK : 135-30	
		SURVEYORS,	INC.	
		COCONUT CREEK, FLORIDA 33066 EVELOPMENT O PLATS C		

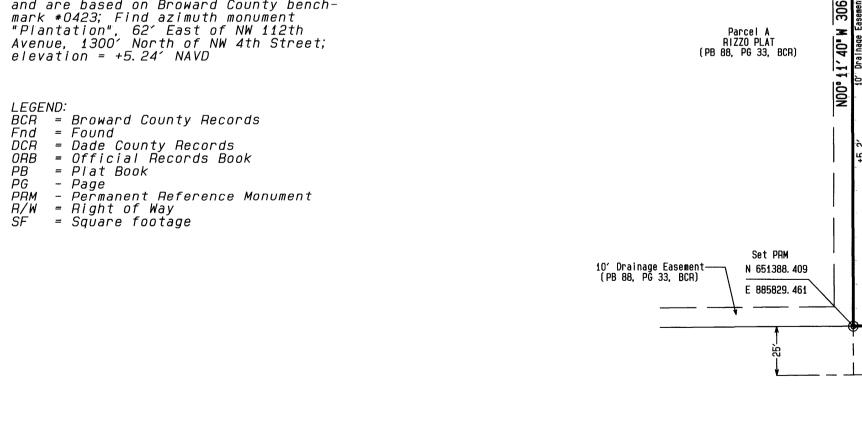


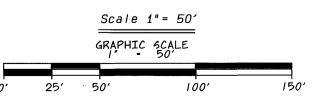
LOCATION MAP (not to scale)

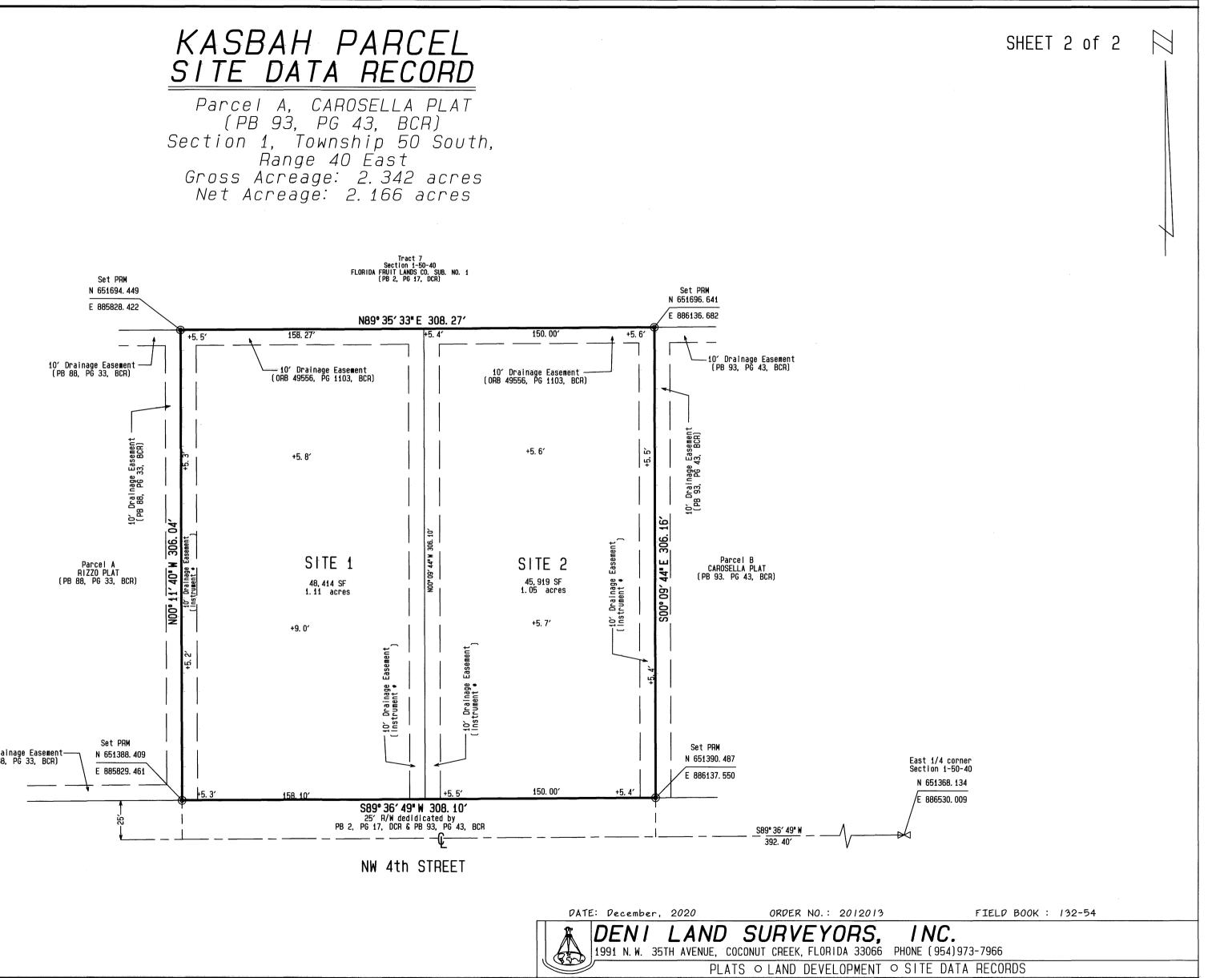
NOTES:

LEGEND:

1. Bearings are relative to the National Geodetic Survey Transverse Mercator, Florida East Zone, Grid North, as shown on "STONER/KEITH RESURVEY NO. II, Misc. P. B. 4, PG 21, BCR. 2. State Plane Coordinates are relative to the National Geodetic Survey Transverse Mercator, Florida East Zone, as shown on "STONER/KEITH RESURVEY NO. II, and as transformed to the North American Datum of 1983 with the 1990 adjustment. the 1990 adjustment. 3. Benchmarks are referenced to the North American Vertical Datum of 1988 and are based on Broward County benchmark #0423; Find azimuth monument "Plantation", 62' East of NW 112th Avenue, 1300' North of NW 4th Street; elevation = +5.24' NAVD







PLANTATION ACRES IMPROVEMENT DISTRICT BROWARD COUNTY, FLORIDA



1701 N.W. 112th Ave. Plantation, Florida 33325 Telephone: (954) 474-3092 Fax: (954) 474-3127

APPLICATION INFORMATION

SITE DATA RECORD DIAT

PROJECT NAME Kasbah Parcel Site Data Record LOCATION 11311 NW 44 67.

DATE 8 2 2021 FOLIO NO. 5040 61 44 0010

OWNER:	NAME ADDRESS	Nothaniel Pool 11311 NW 21th St. Plantation FL
	PHONE	305-720-7465
AGENT/SURVEYOR/ ENGINEER:	NAME ADDRESS PHONE	Milkki Ulrich Deni Land Surveyors 1991 NW 35th Aue. Coconut Creek, FL 330/06 954-973-79/06

LEGAL DESCRIPTION:

Carosella Parcel Plat 931

\\winnfrad.com\wfi\PROJECTS\PAID\General (88574)\WP\FORMS\Applications\ApplicationPlatSDR.wpd

Action Required:	Board Approval				
Item Description:	North Acres Park				
PAID Number:	<u>C0209.02</u>				
Attachments:	N. Acres Park Plans (11"x17") Permit Application				
Summary:	This item is for approval of a 14.78 acre community park located NW 21 st Court in Plantation Acres. The park consists of a propo improvements, a 0.5 mile walking path, landscaping, and propos lines and around the parking lot. This project has been reviewed by our office and substantially	used 2.5 acre lake, parking lot extension and sed fences along the east and west property			
	Policies and Procedures manual.	meets ain Alb drainage chtena per the			
Recommendation:	APPROVE				
Comments:	The Chairman may sign the permit application after Board Approval.				
Prepared by: <u>BMP</u>	Date: 2/13/2023	2023-02-13 North Acres Park_Item C1_Engineer's Staff Report.wpd			

MAYOR

NICK SORTAL

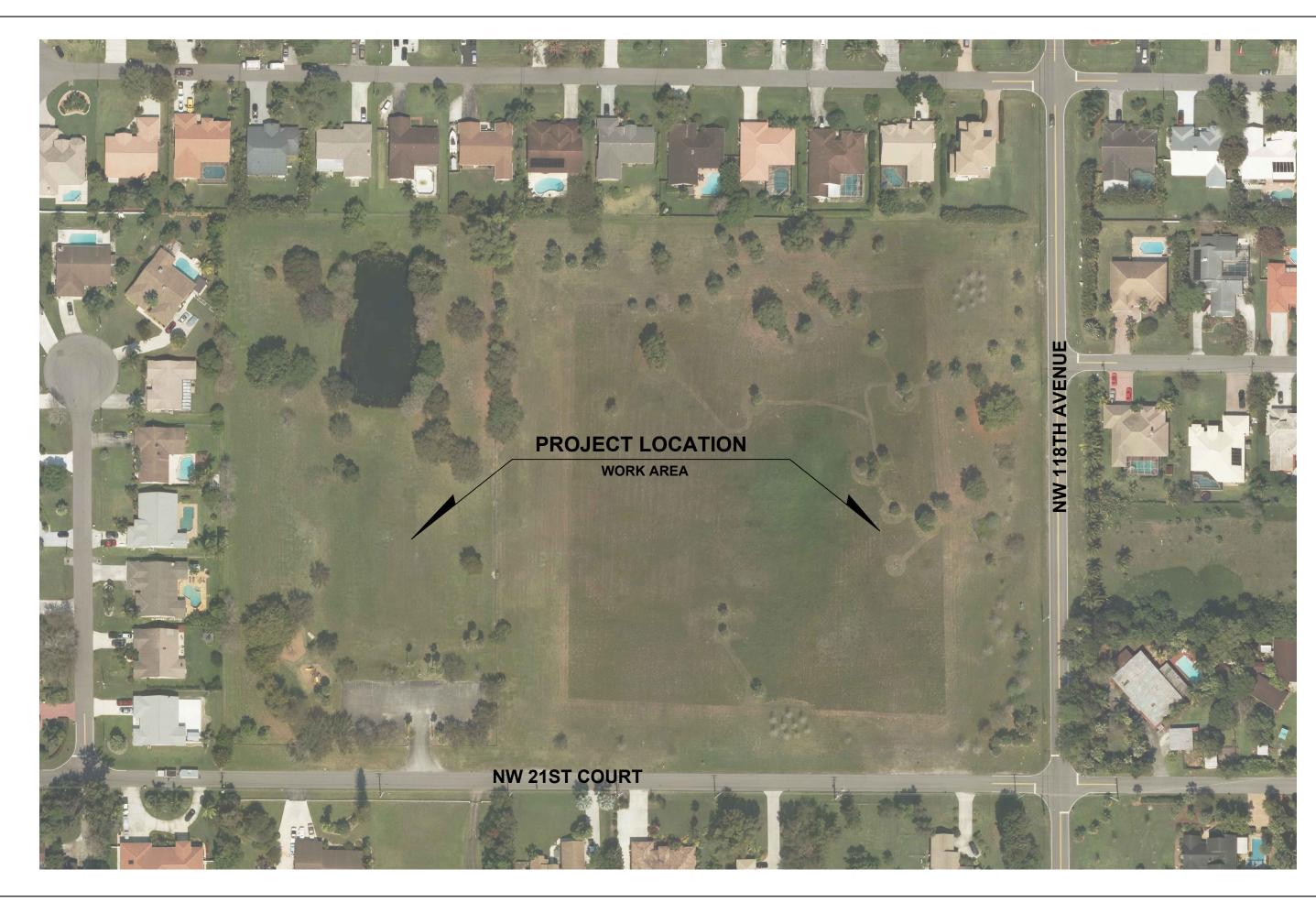
CITY COUNCIL

Jennifer Andreu, President Timothy J. Fadgen, President Pro Tem Erik Anderson Denise Horland Louis Reinstein

INDEX OF DRAWINGS

S

SHEET NO.	SHEET DESCRIPTION
Survey	Topographic Survey
PGD-1	Paving, Grading, and Drainage Plan
PGD-2	Paving, Grading, and Drainage Sections
PGD-3	Paving, Grading, and Drainage Sections
SD-3	Storm Drainage Details
SD-3.5	Storm Drainage Details
SD-4	Storm Water Details
SD-5	Road / Street Details
SD-6	Pavement Marking and Signage Details



PROJECT SCOPE:

The project includes improvements to the existing parking lot and the construction of 10 additional parking spaces, the construction of half a mile of 8-foot-wide concrete walkway creating a continuous walking trail with multiple park amenities such park benches and trash receptacles to be strategically located along the path. The City is also proposing to fill the existing pond and construct of a new 2.50 acres detention pond with a fountain, a network of drainage pipes and inlets will be strategically located at the perimeter of the park to collect the stormwater runoff. Public Works Landscaping Division conducted a thorough evaluation of the existing landscaping and provided feedback. As a result, 187 existing trees will remain in place, 14 trees will be relocated and 42 trees will be removed. A monument sign will be placed at the SE corner of the park and the park will be fenced in with a chain-link fence at the north and west and white slated fence along NW118th Avenue and NW 21st/ Court.

CITY OF PLANTATION ENGINEERING DEPARTMENT CONTRACT PLANS

North Acres Park Improvements

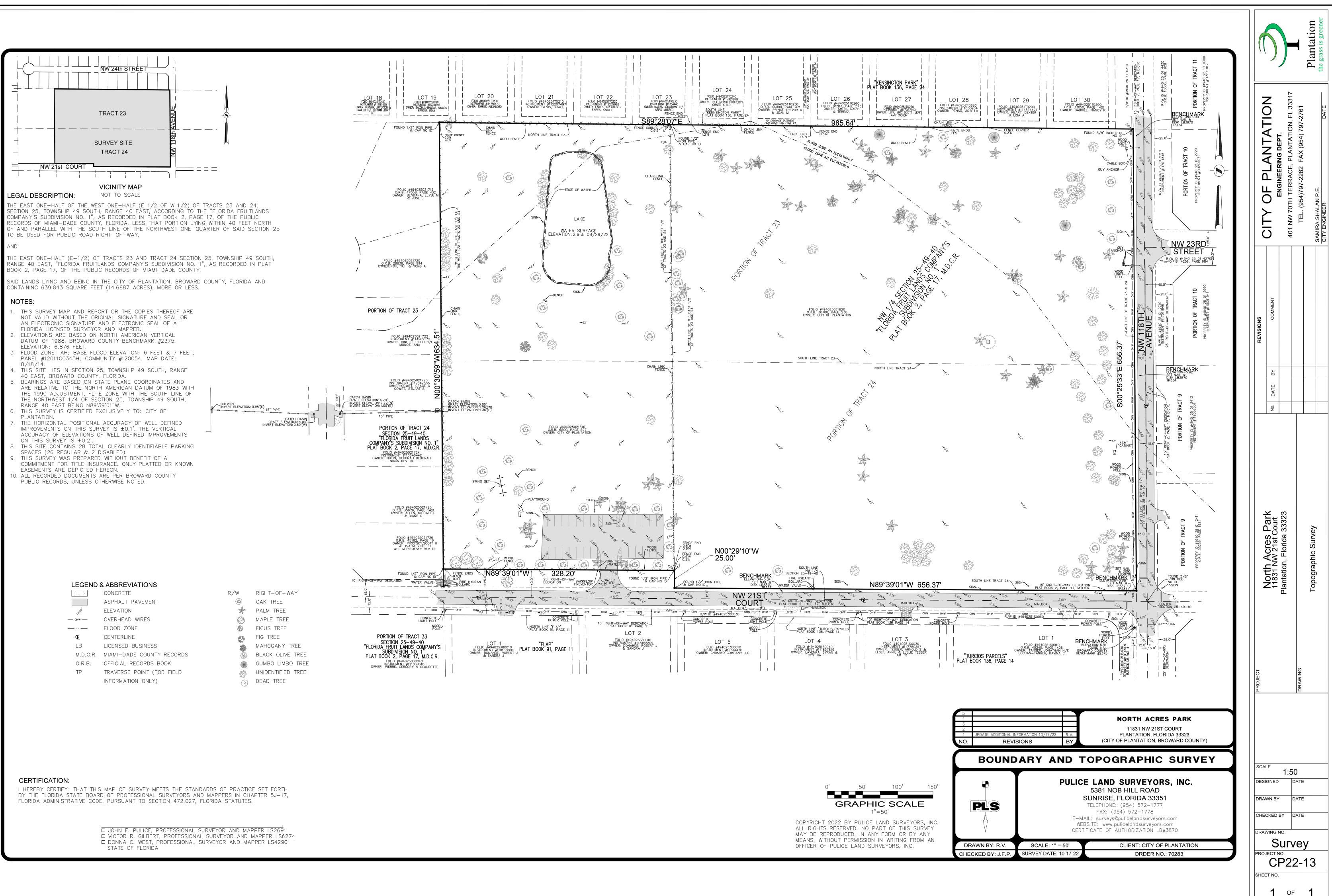
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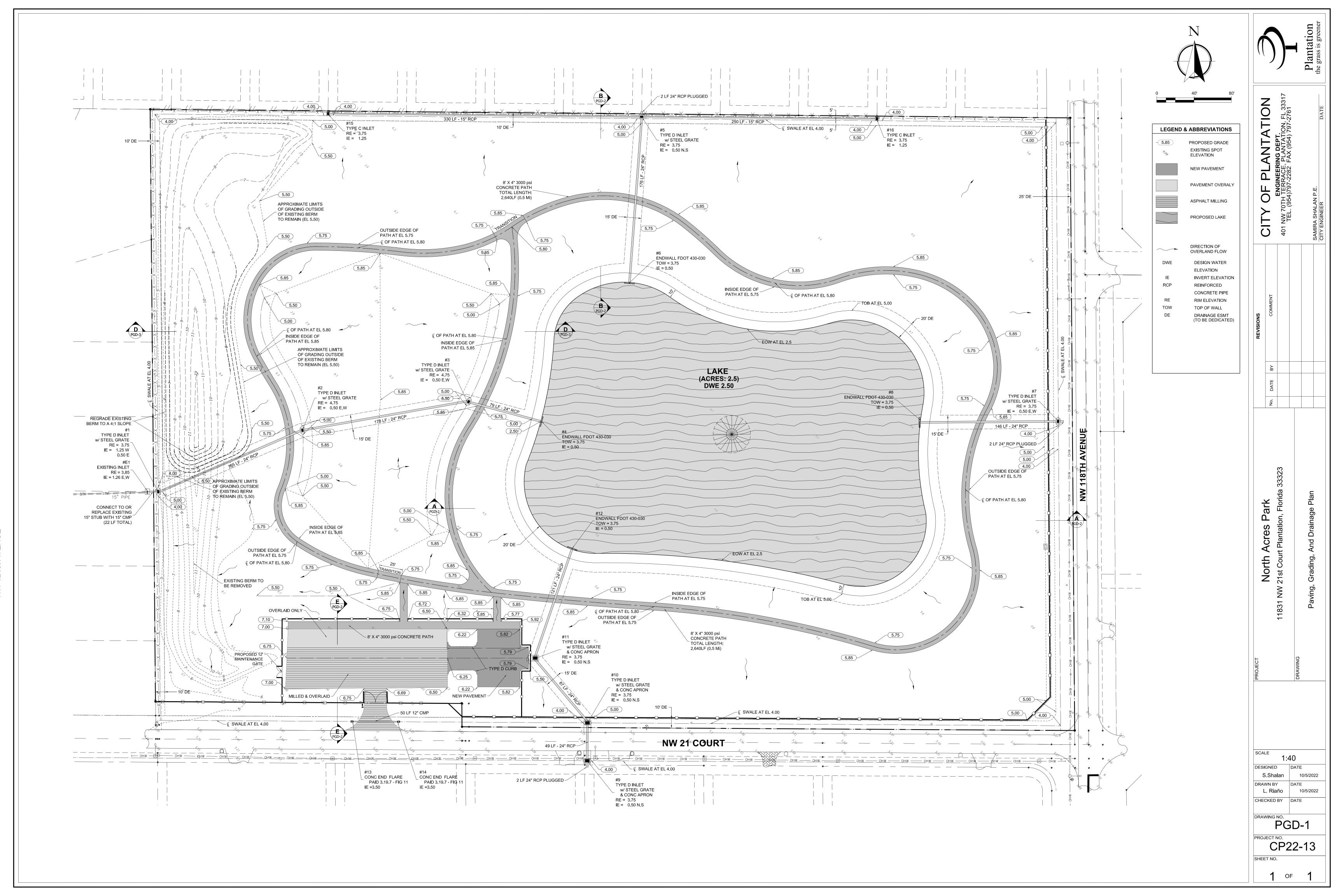
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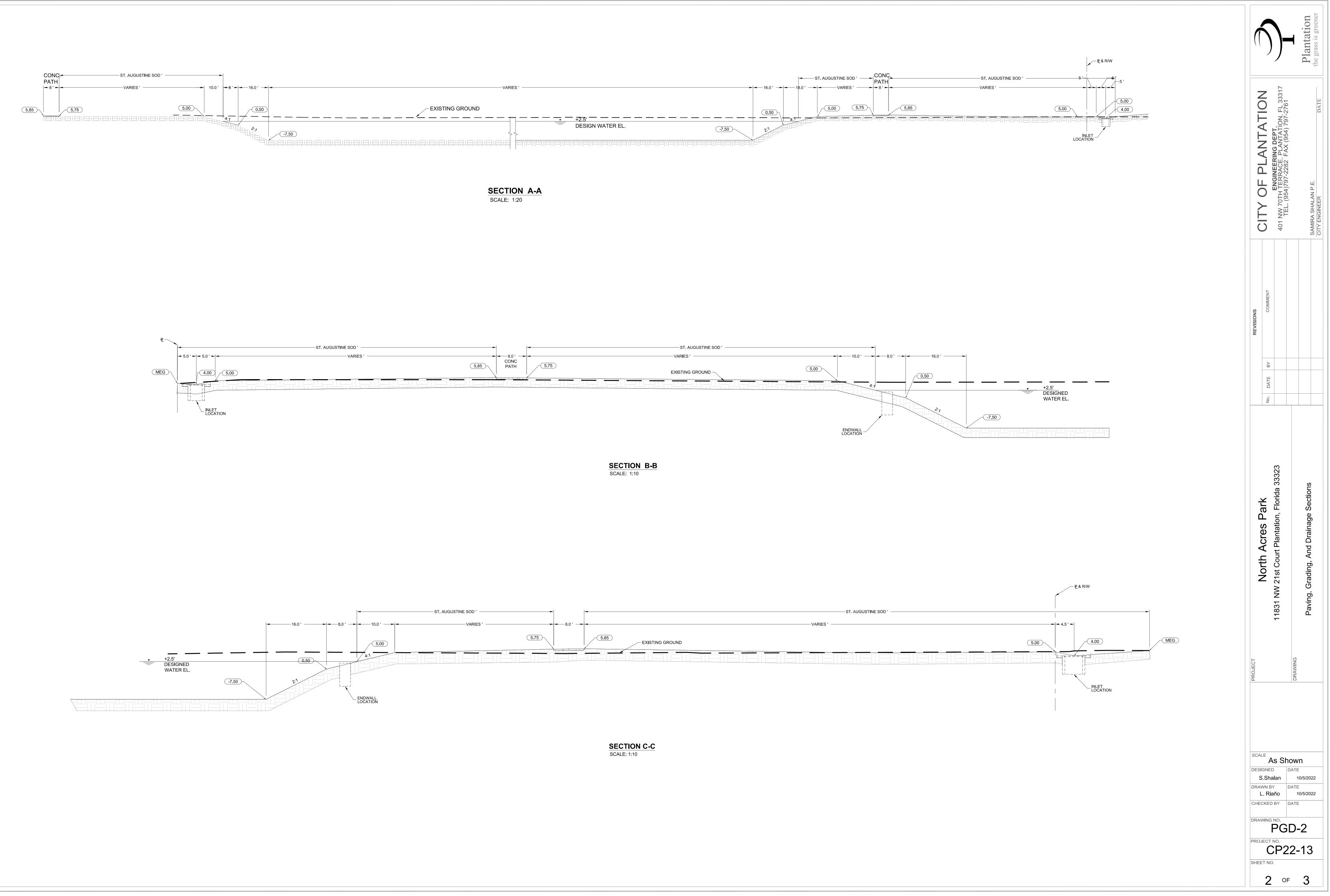


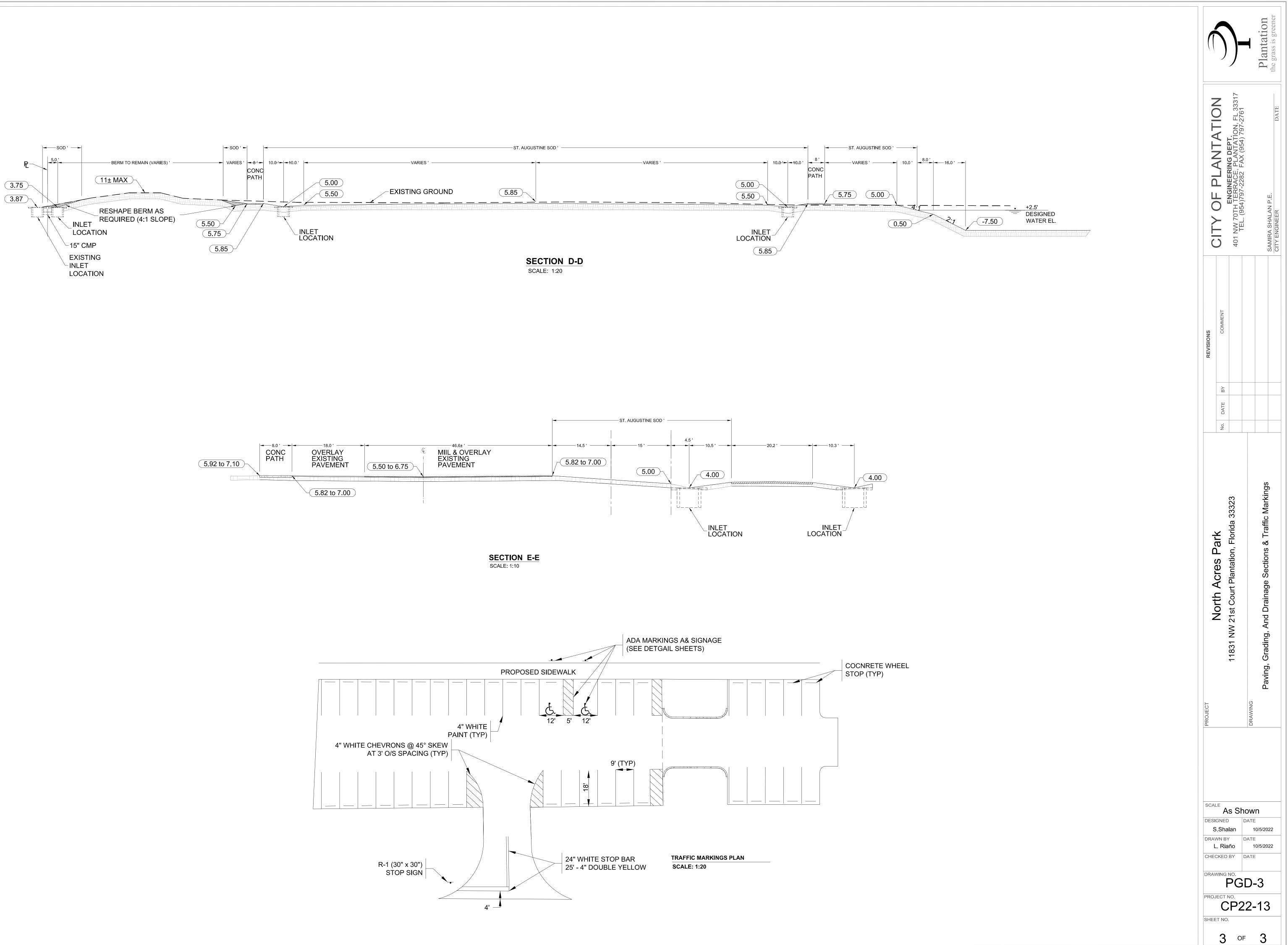
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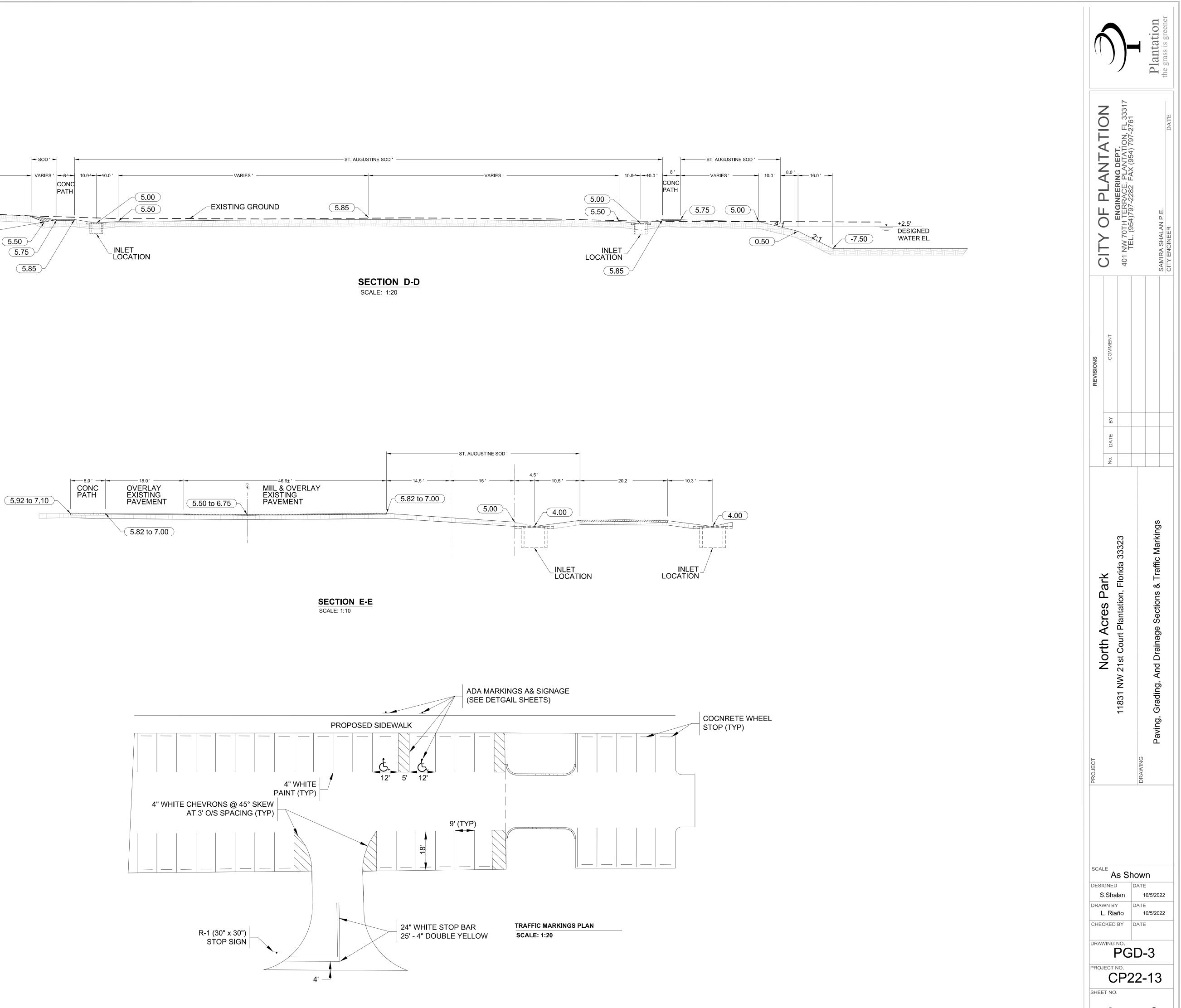
CITY OF PLANTATION ENGINEERING DEPARTMENT 400 NW 73 AVENUE PLANTATION, FL 33317

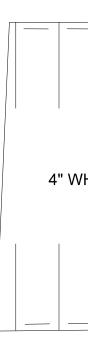


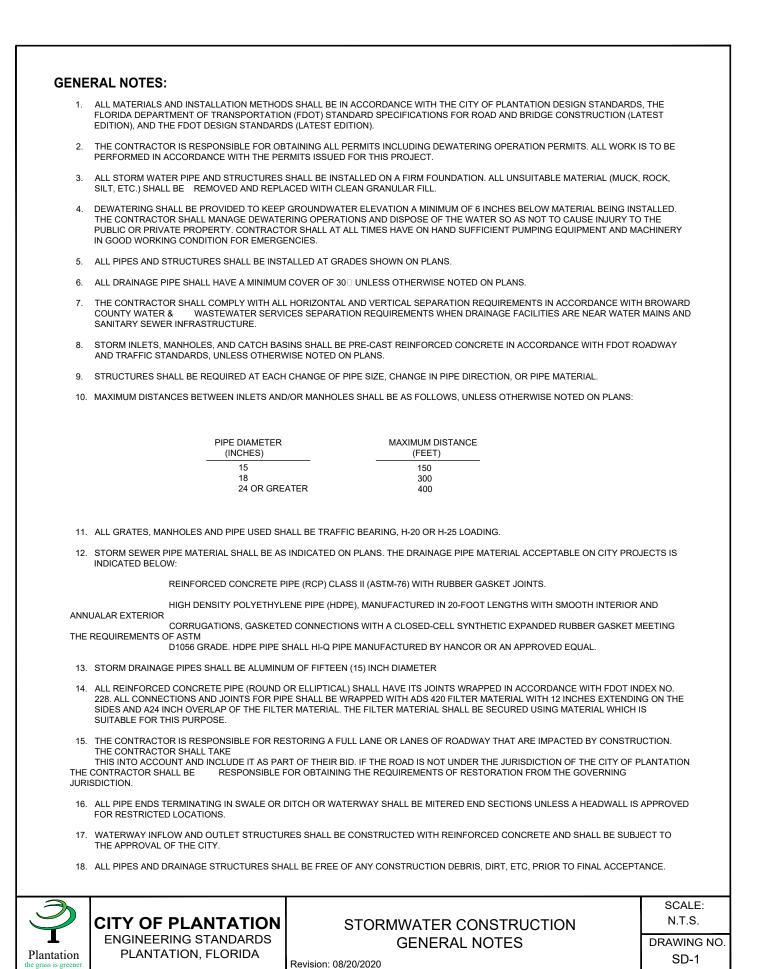


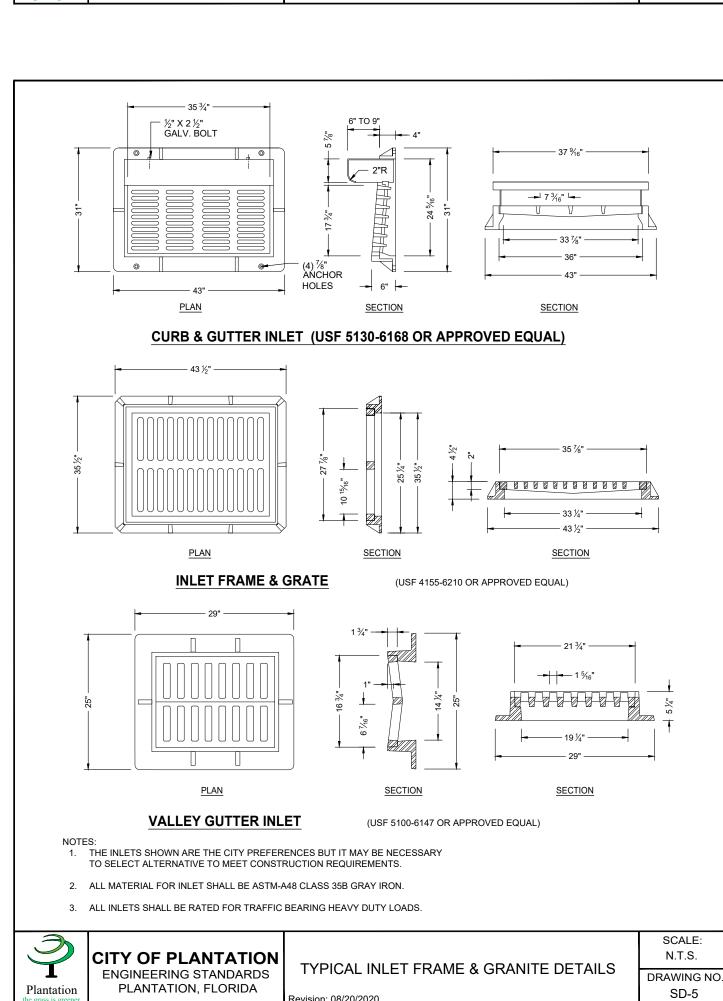




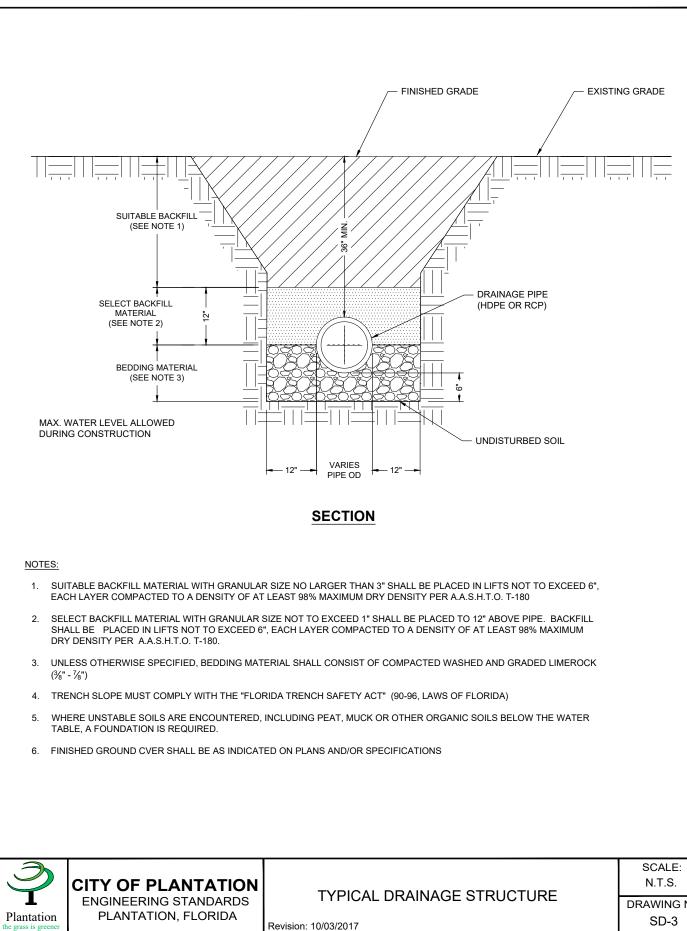


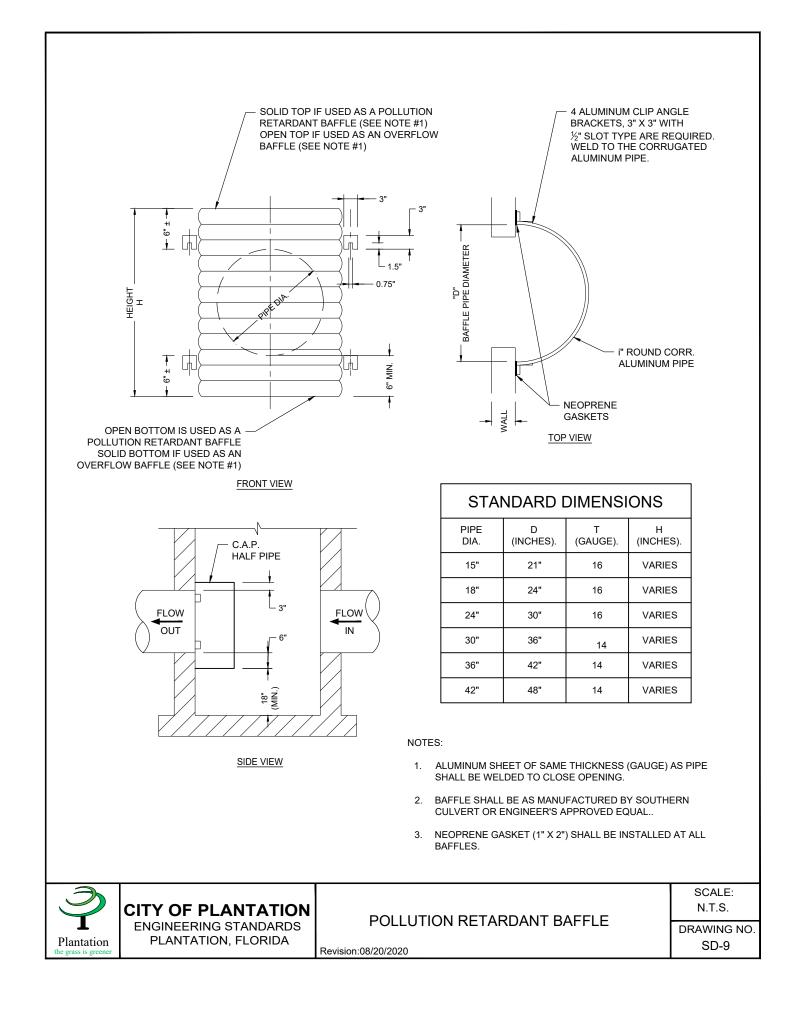




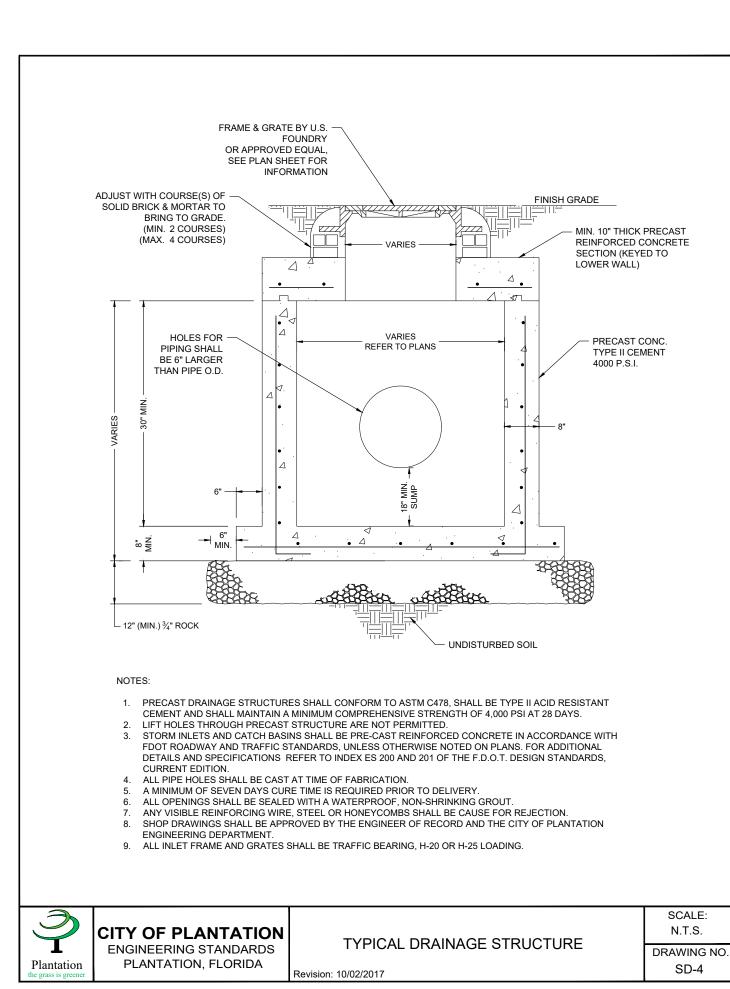


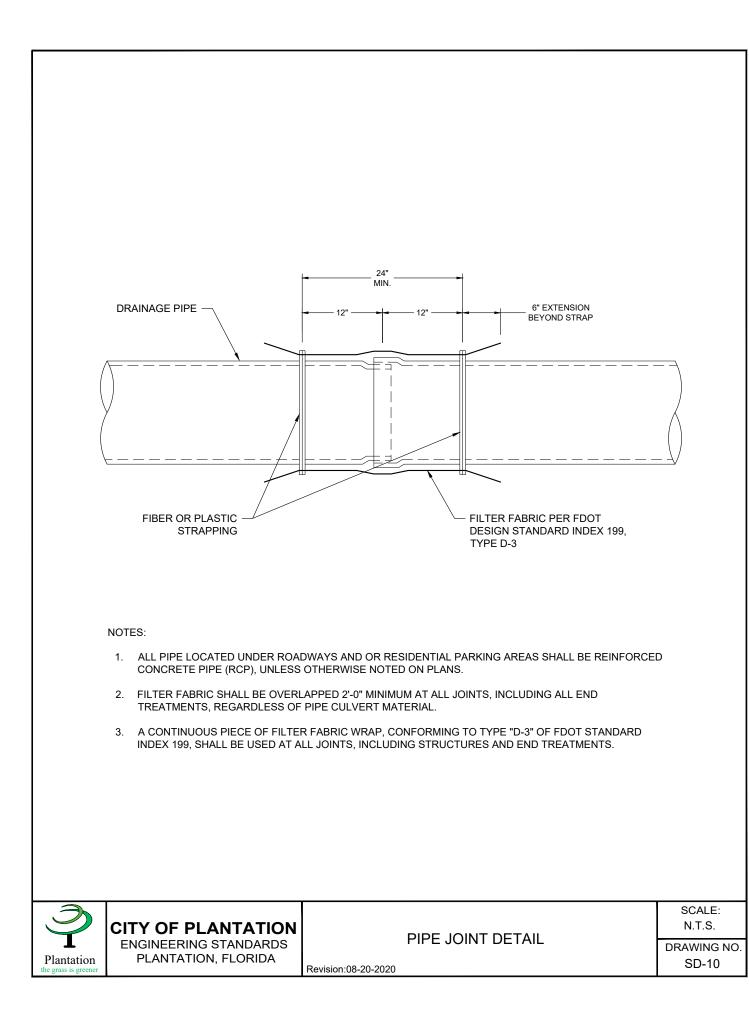
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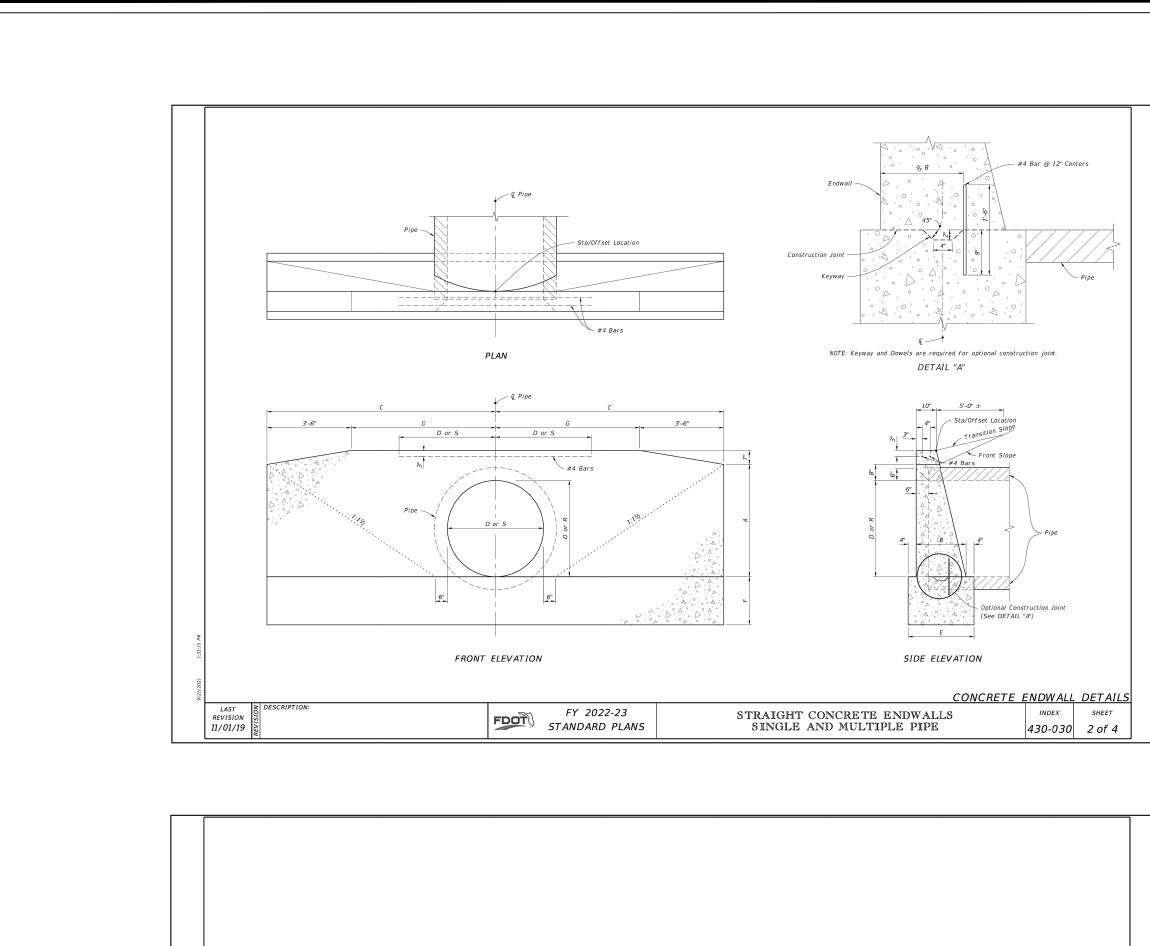


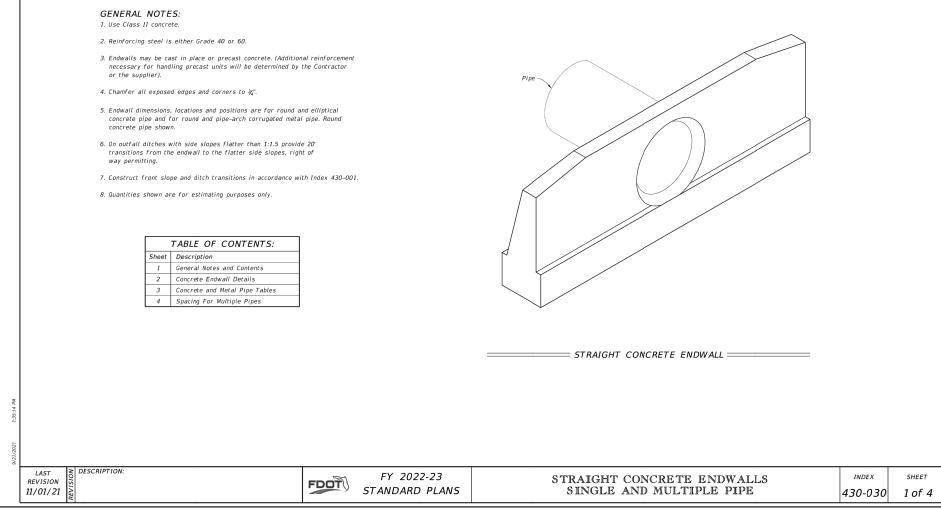
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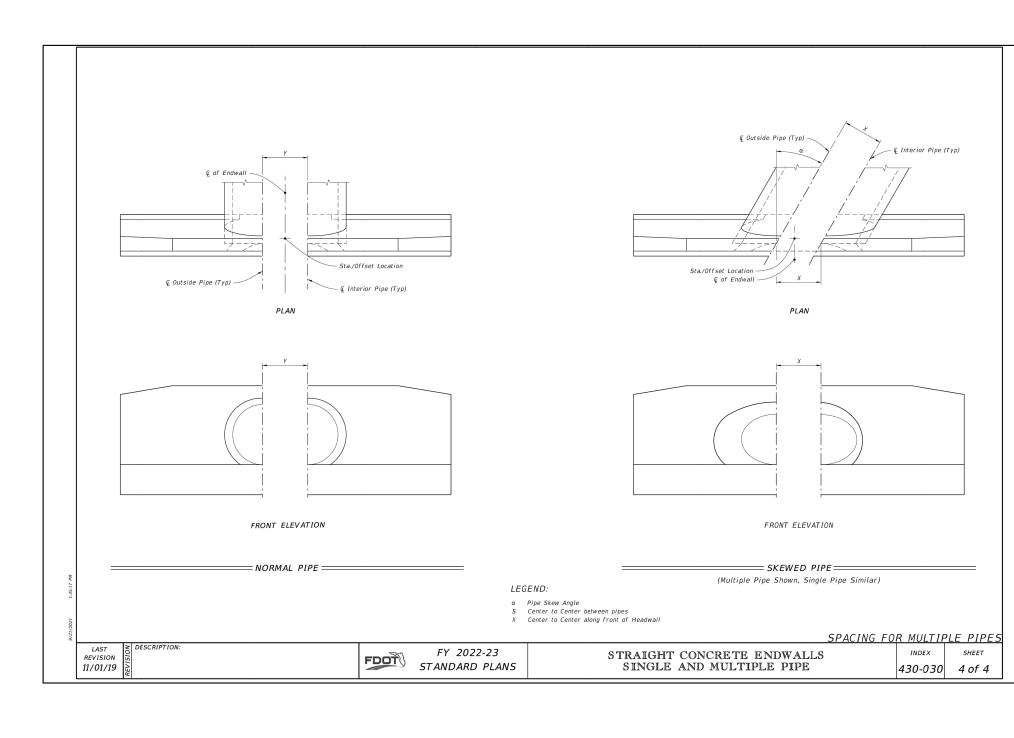


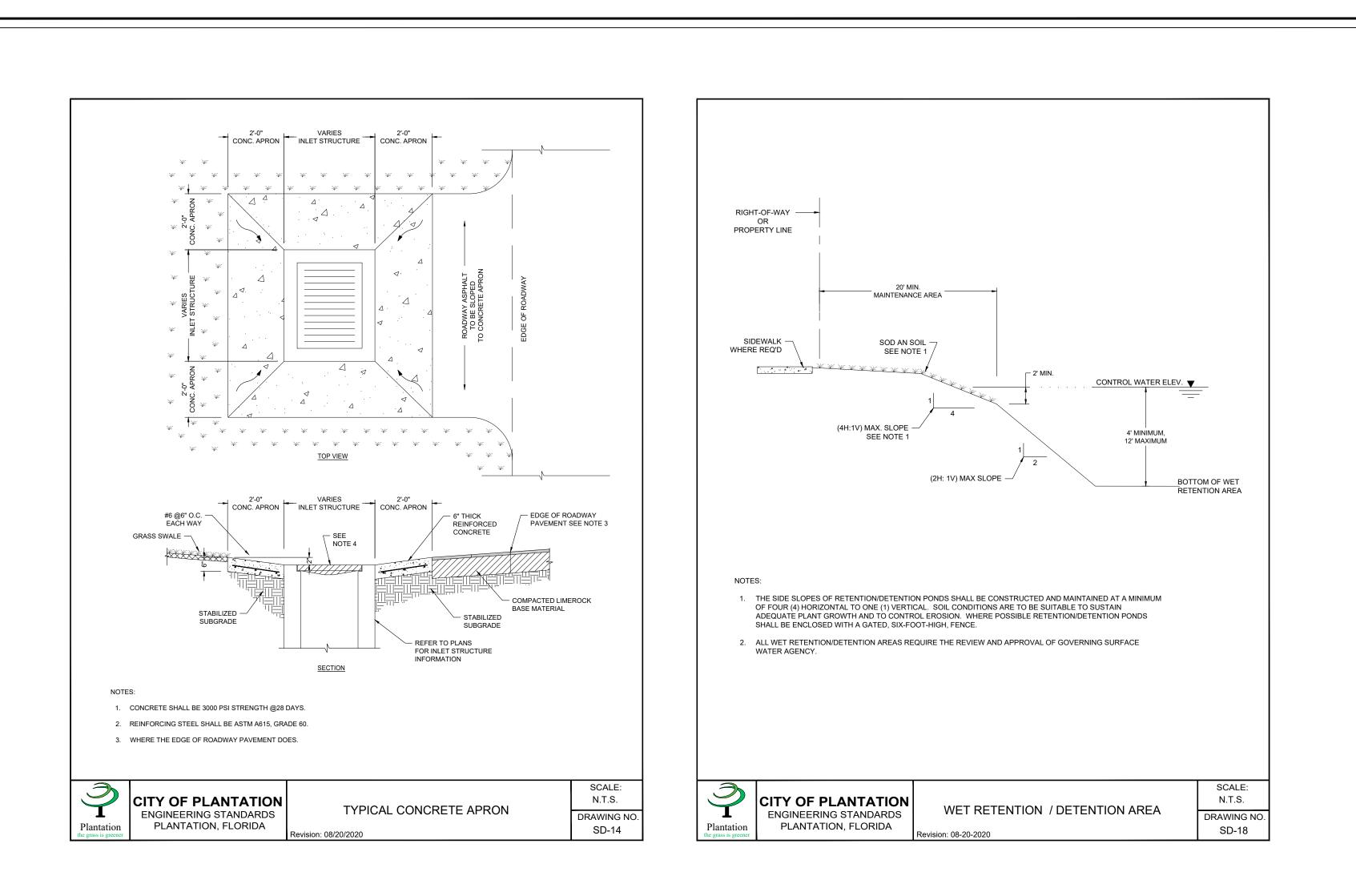


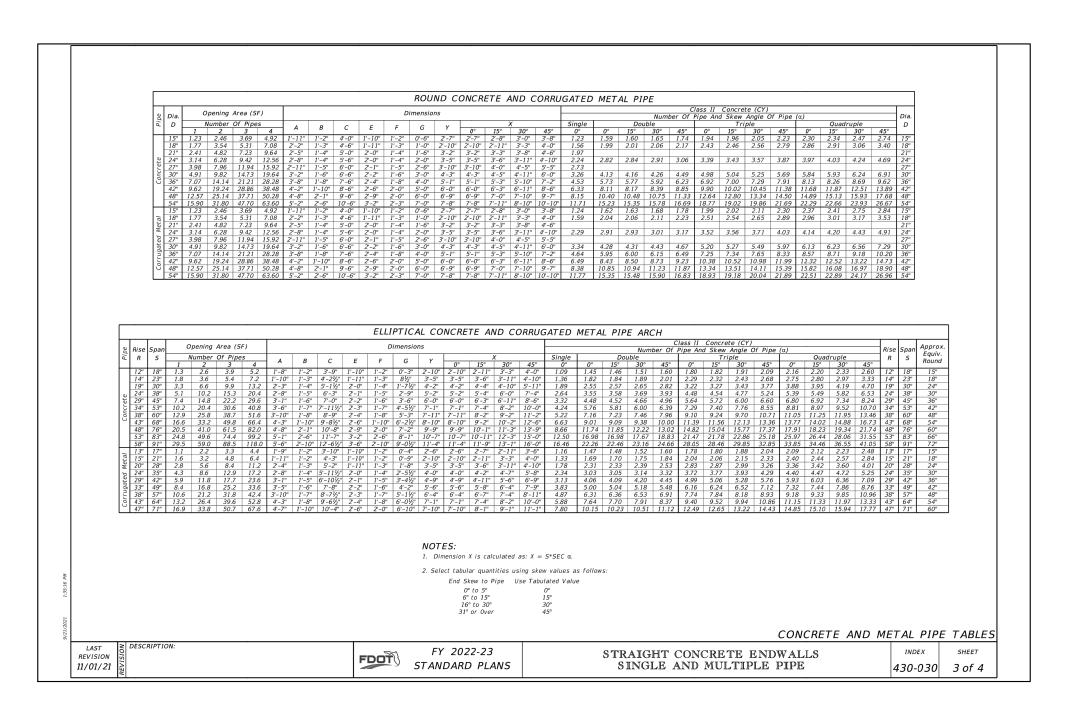
				Plantation the grass is greener
			TEL. (954)797-2282 FAX (954) 797-2761	SAMIRA SHALAN P.E. CITY ENGINEER DATE DATE
	REVISIONS	No. DATE BY COMMENT		
	North Acree Dark	1183 NW 21st Court Plantation, Florida 33323		Storm Drainage Details
	PROJECT		DRAWING	
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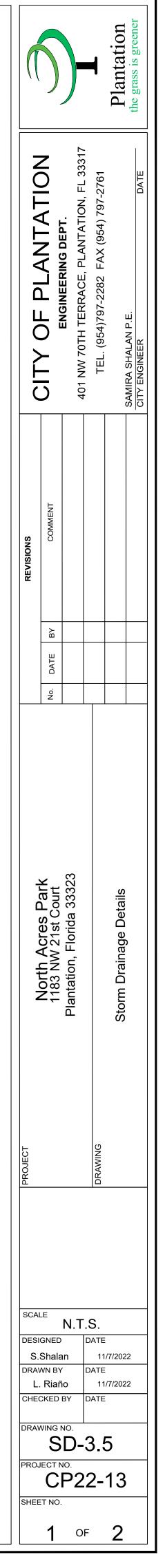


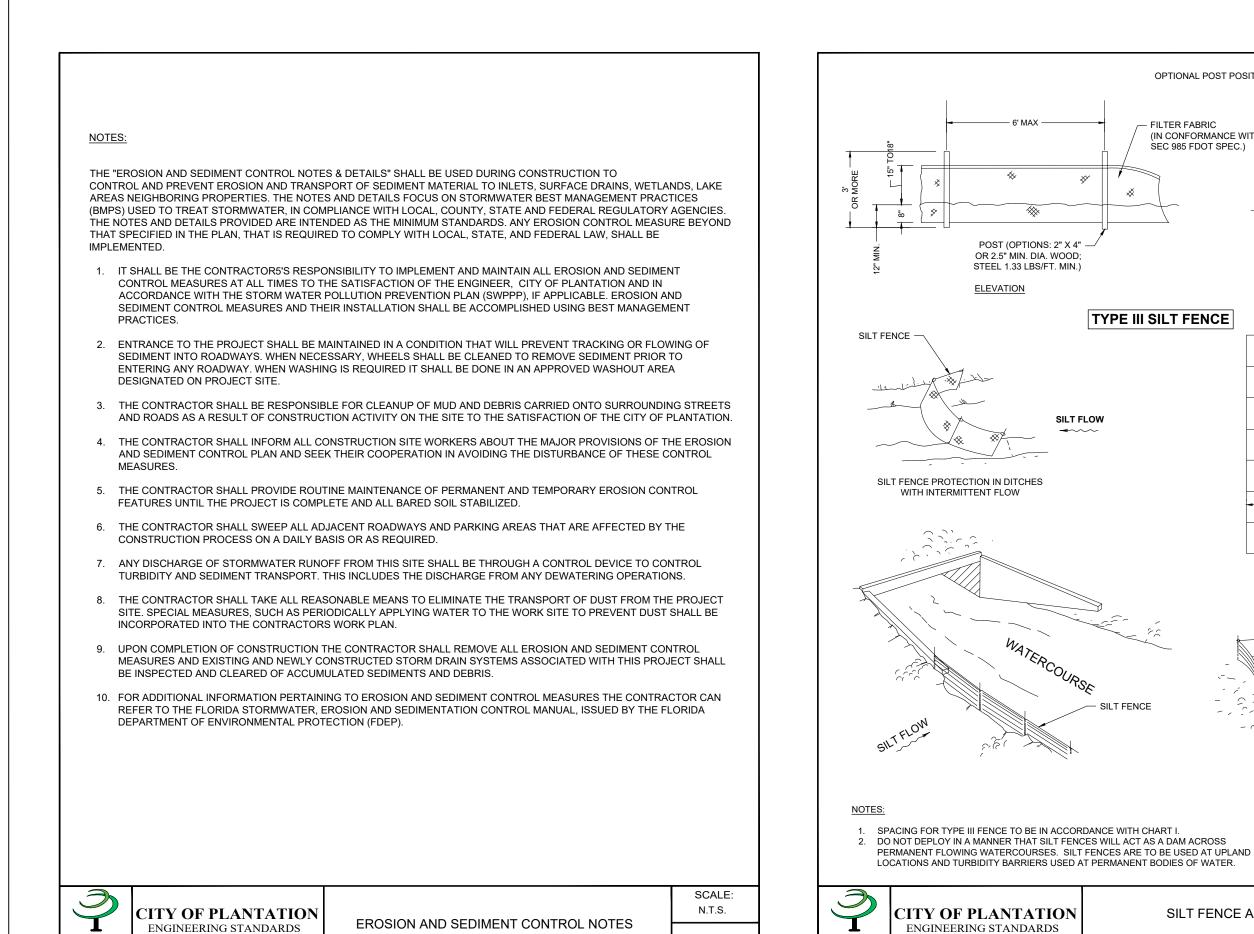








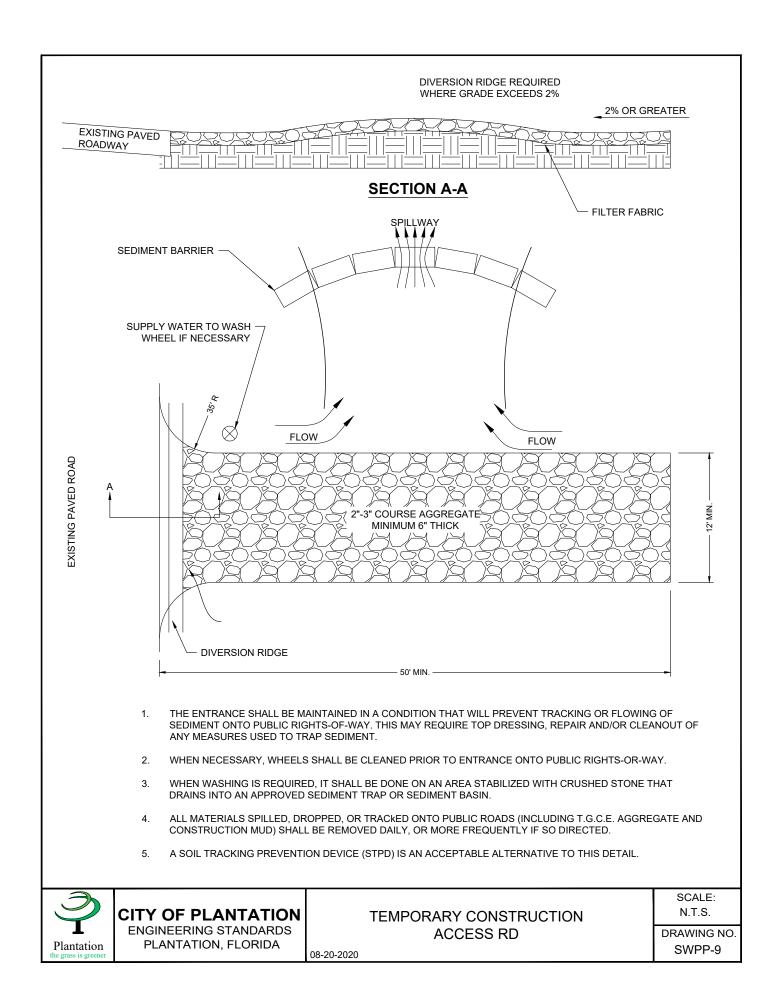




SWPP-1

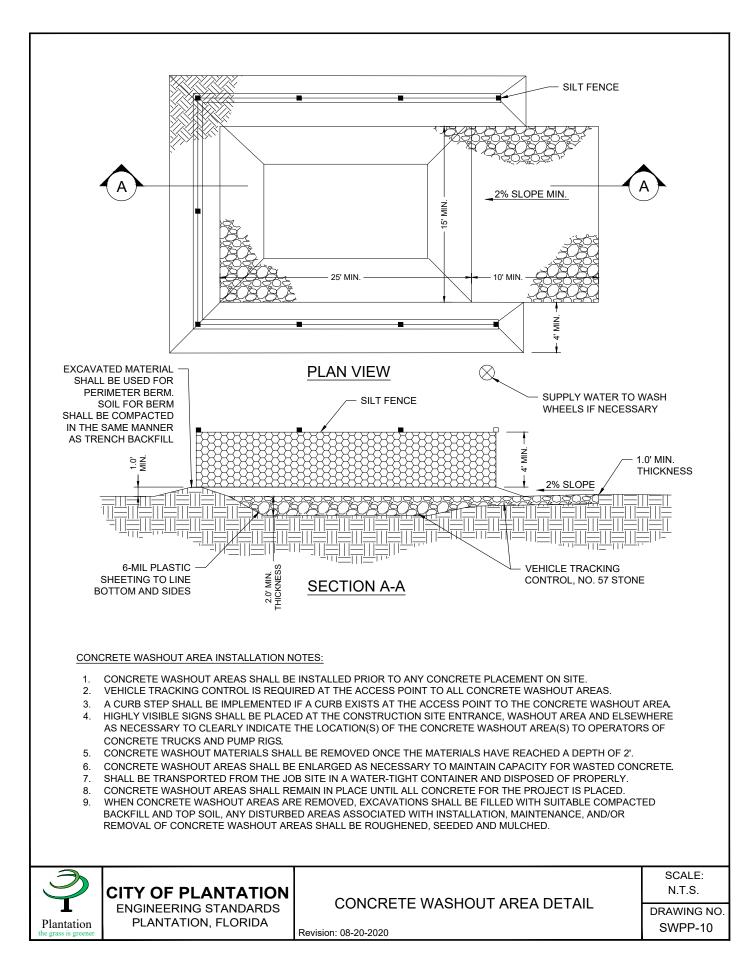
PLANTATION, FLORIDA

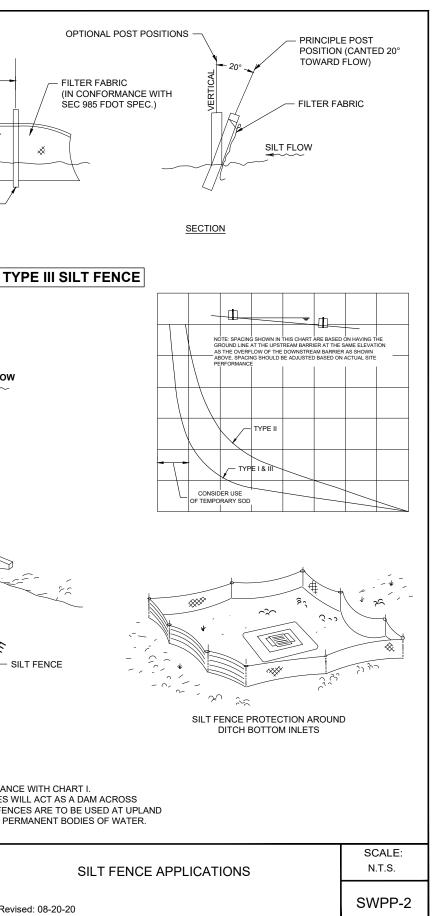
Plantation

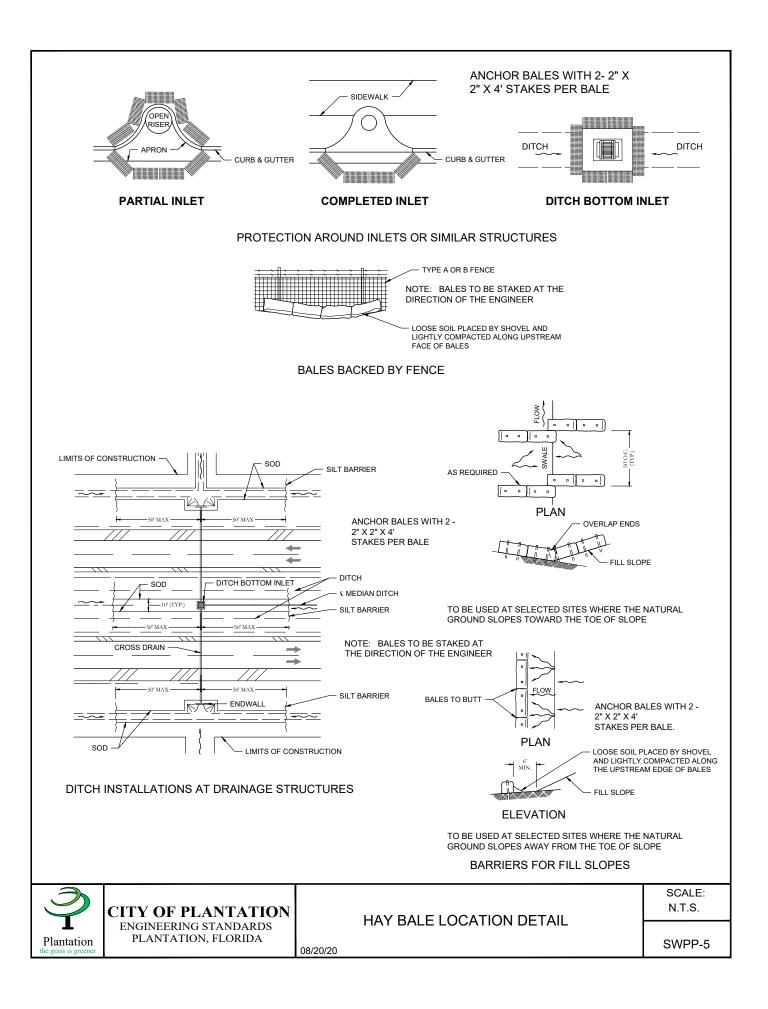


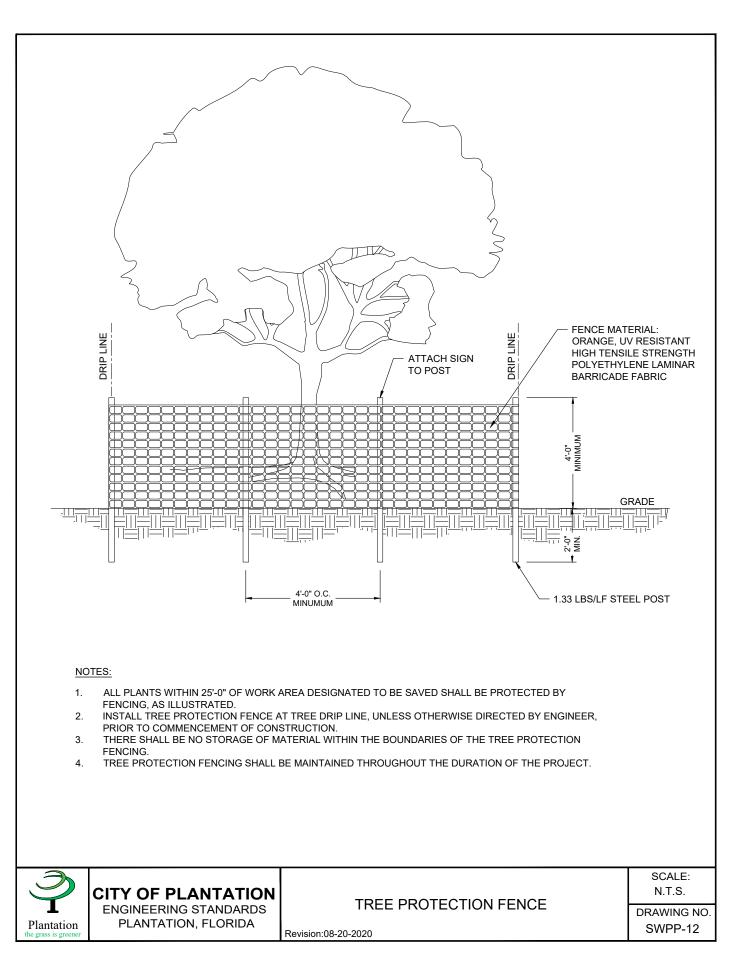
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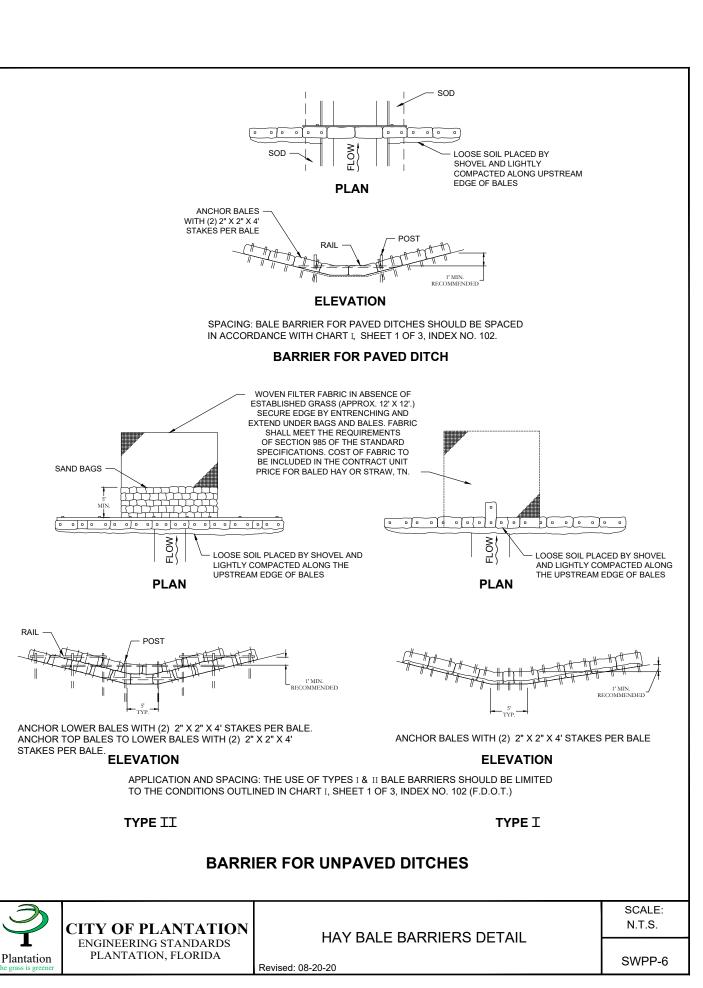
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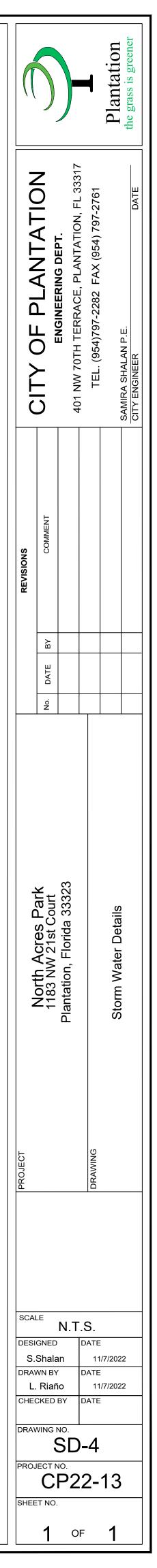


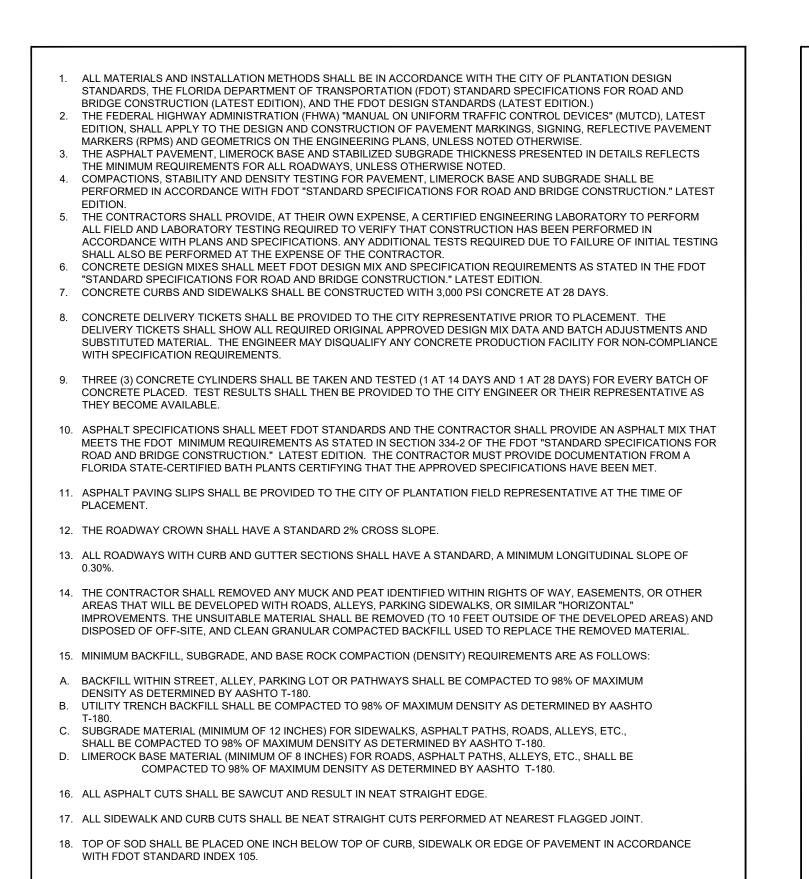


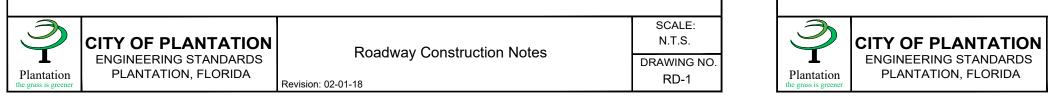


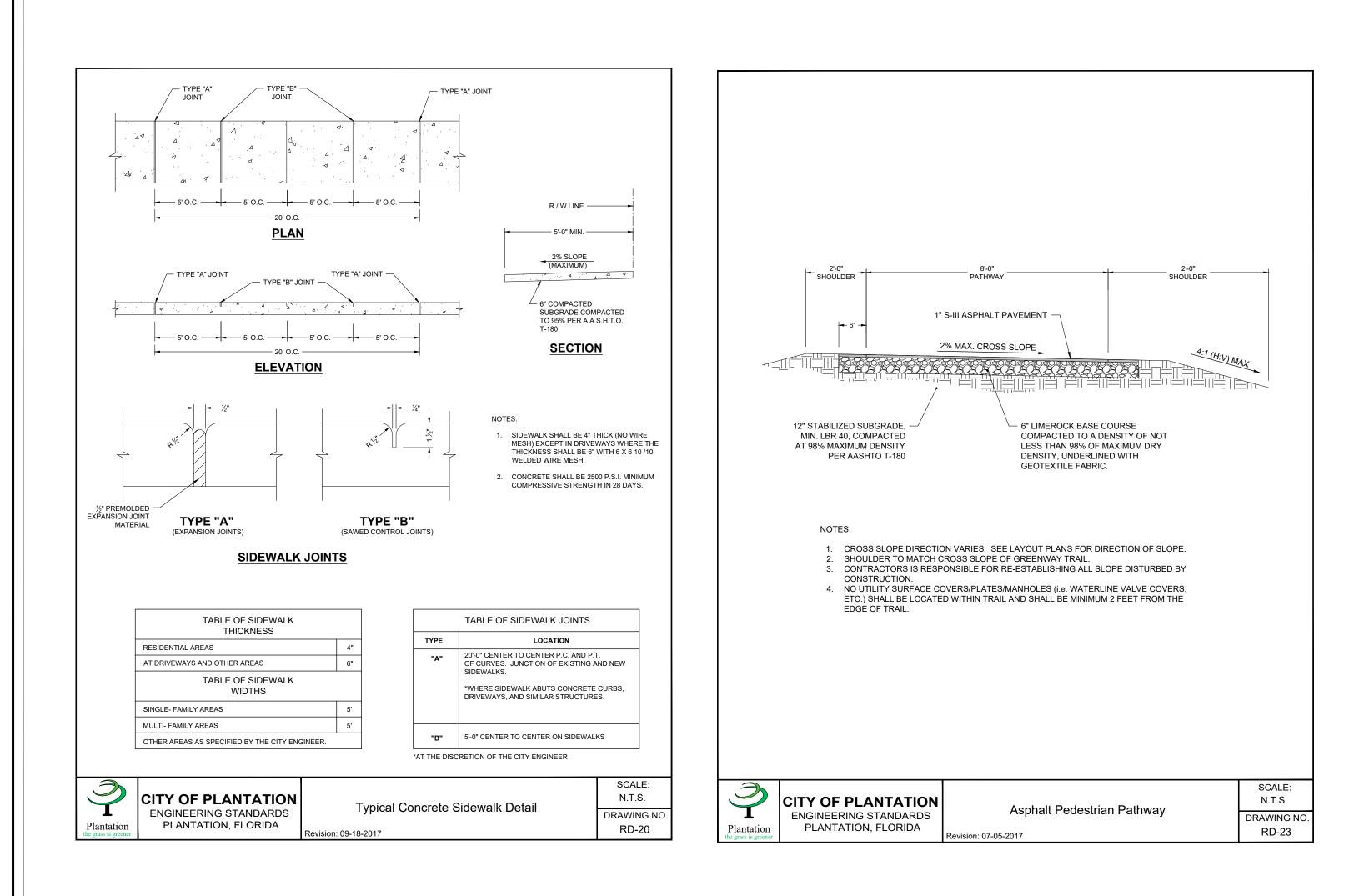


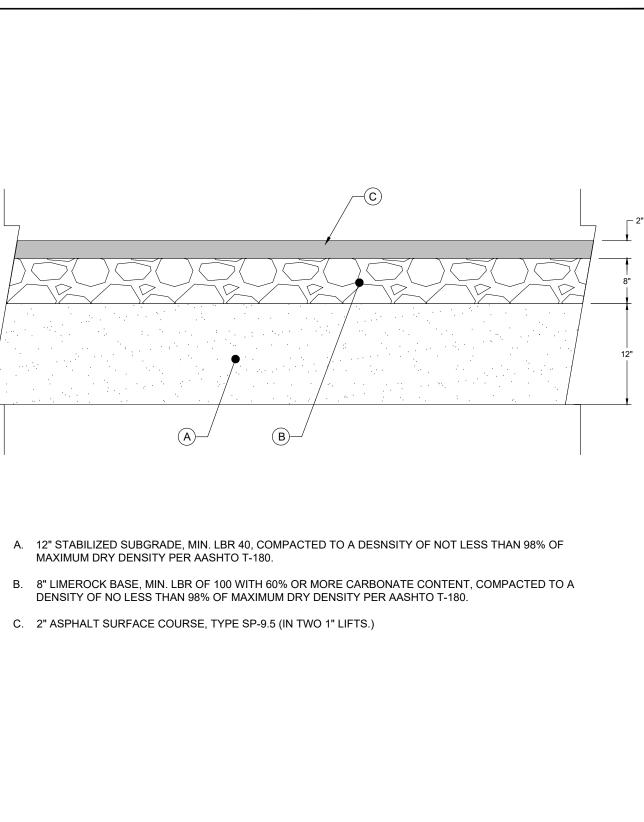






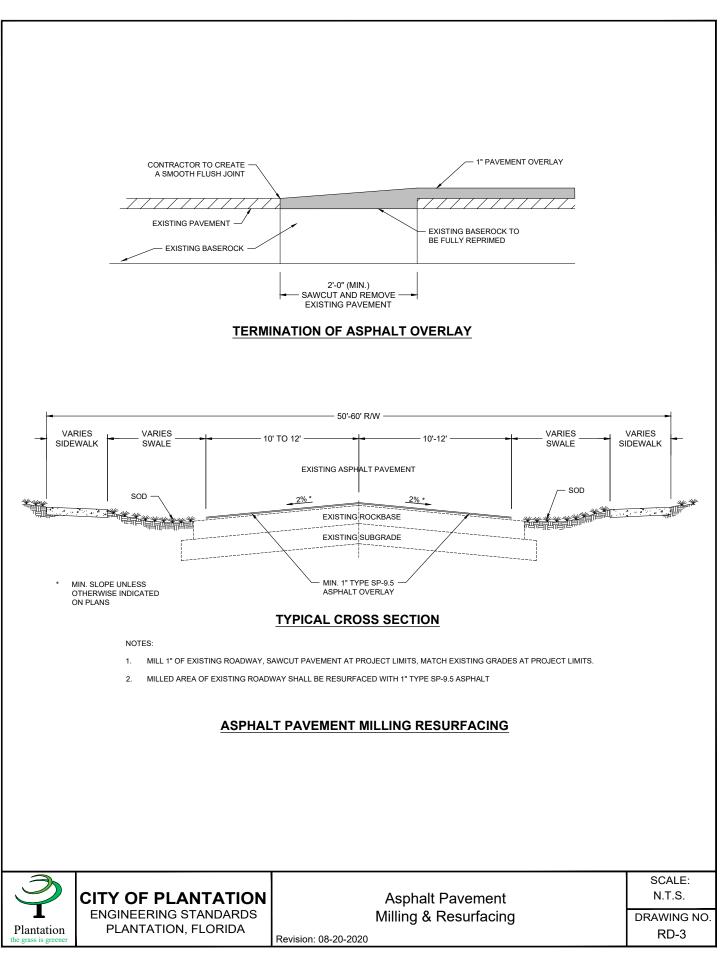


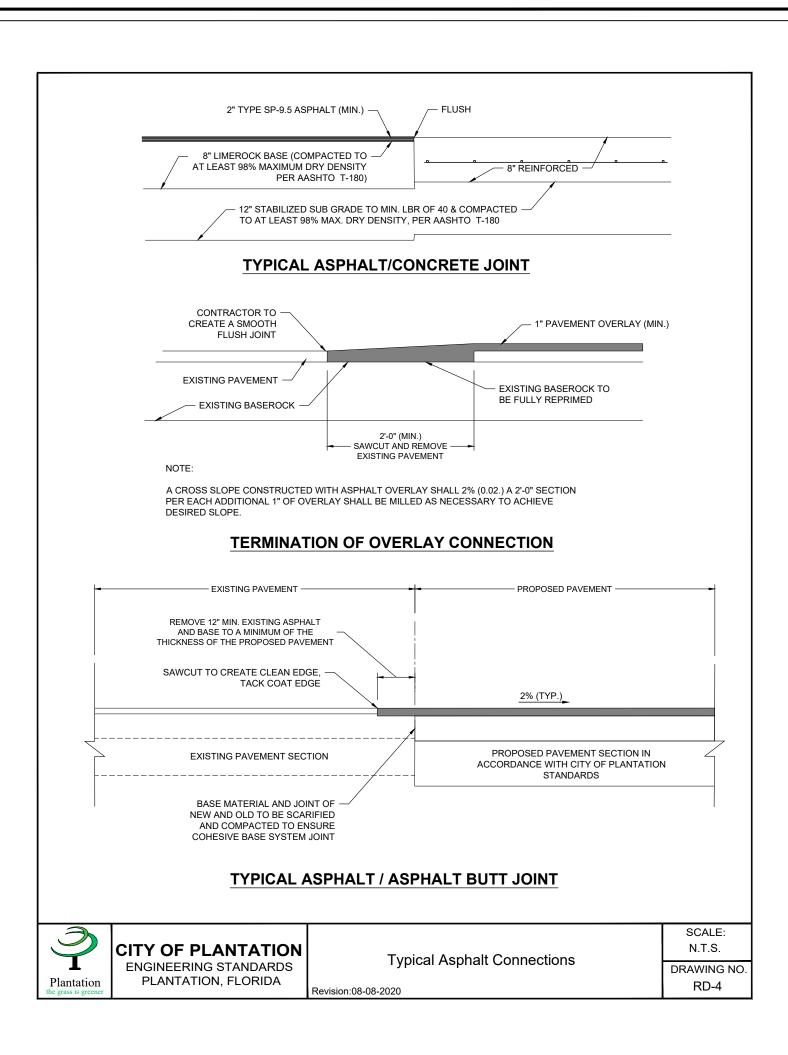




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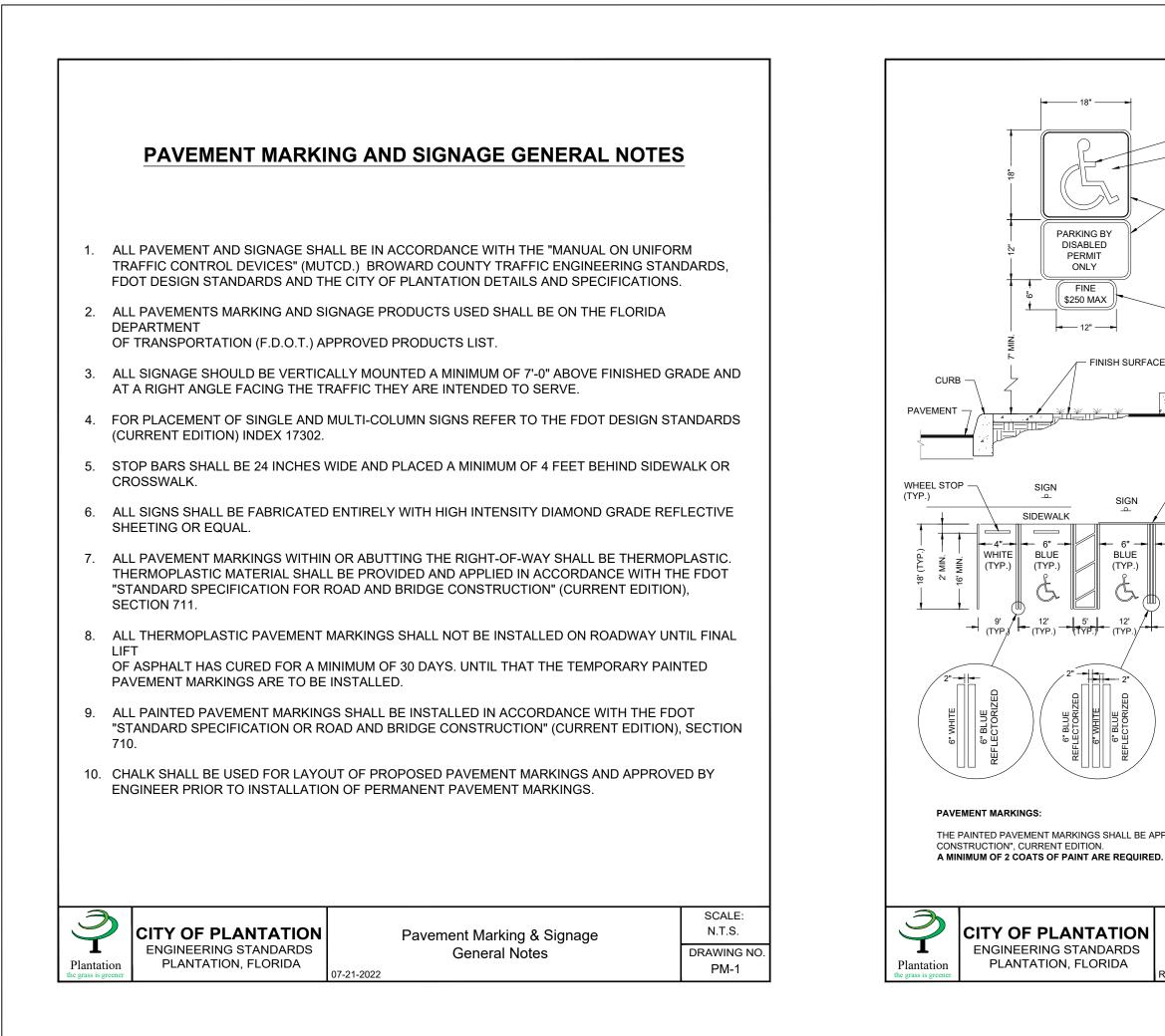
Typical Asphalt Pavement Section	SCALE: N.T.S.
Typical Asphalt Pavement Section	DRAWING NO.
vision: 08-08-2020	RD-2

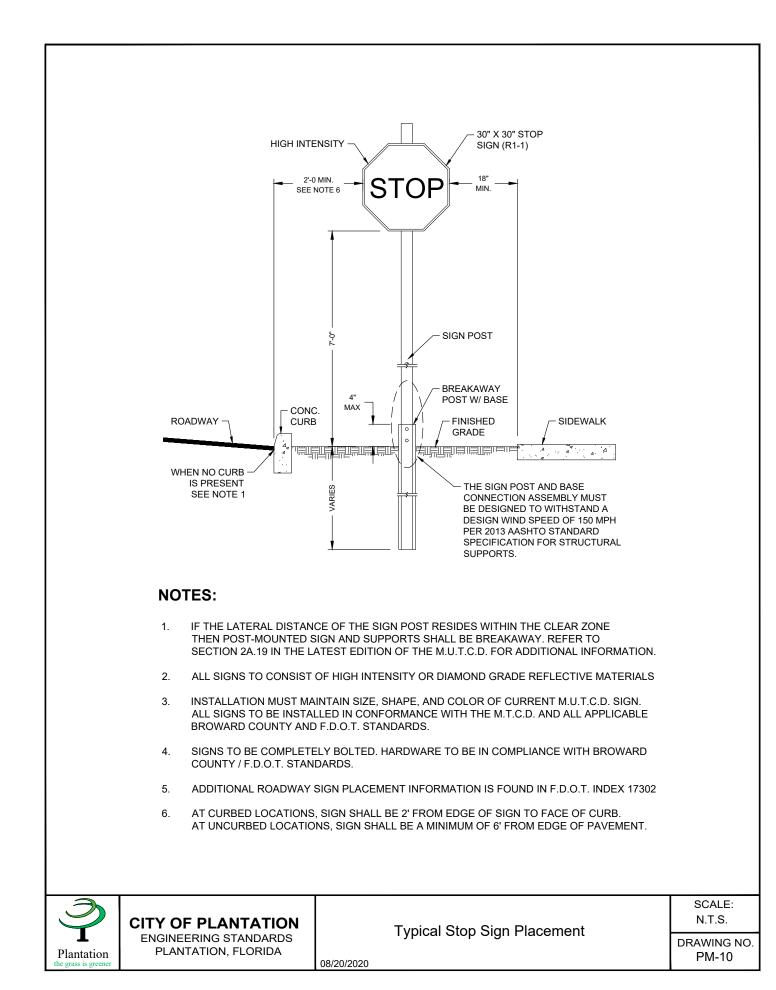


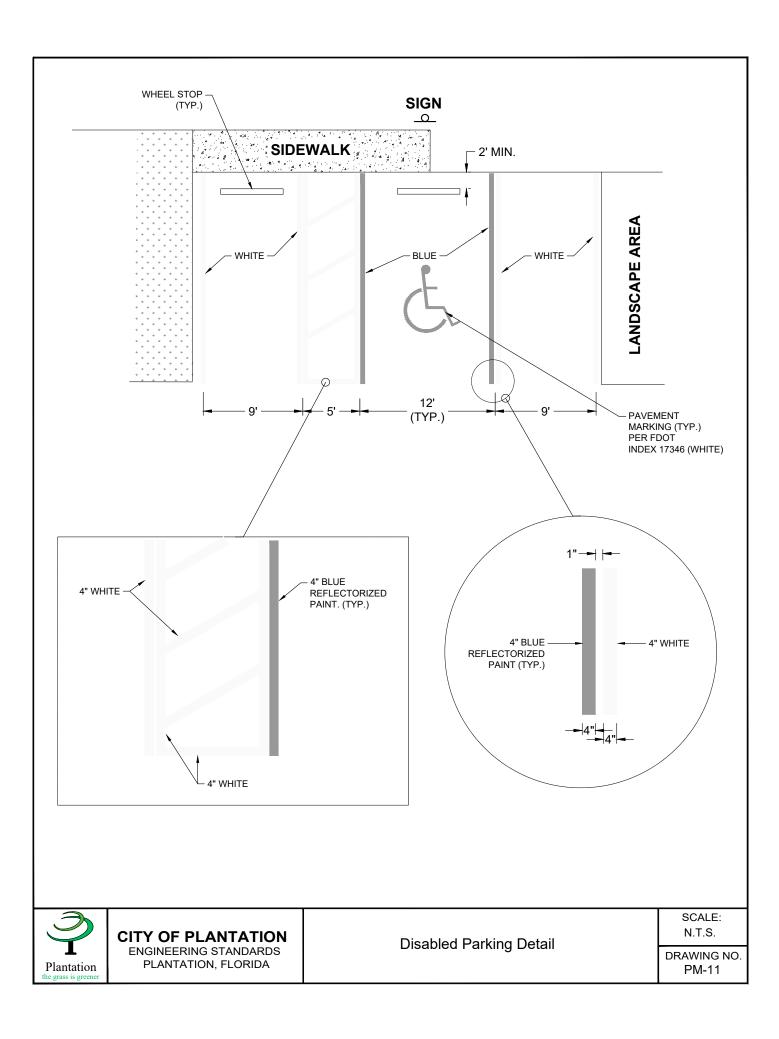


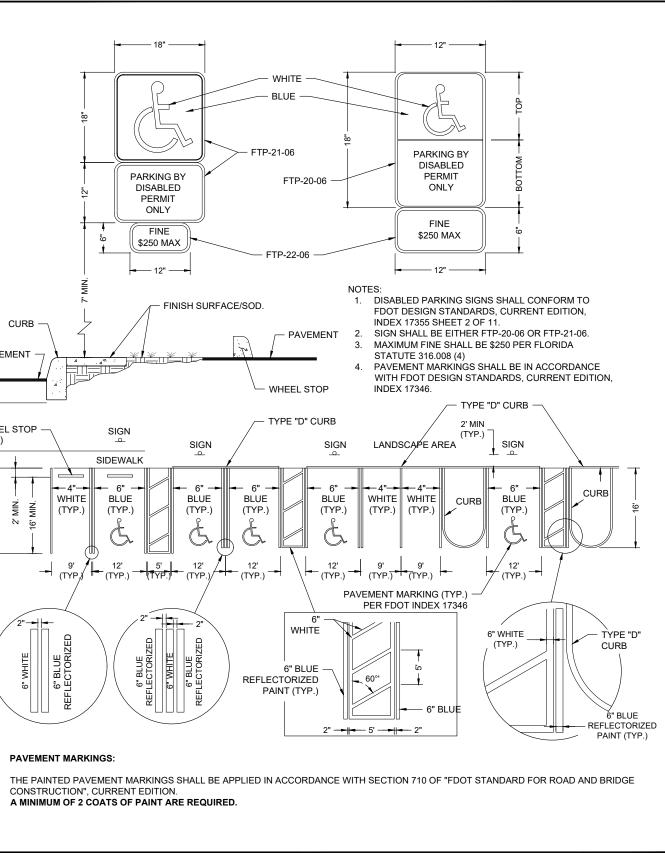
		401 NW 70TH TERRACE, PLANTATION, FL 33317	TEL. (954)797-2282 FAX (954) 797-2761		CITY ENGINEER DATE DATE DATE
REVISIONS	COMMENT				
	No. DATE BY				
North Acres Park 1183 NW 21st Court Plantation, Florida 33323				Road / Street Details	
PROJECT			DRAWING		
S. DRAV L. CHE	GNED Shala WN BY Riaf CKED WING I	an r io BY C NO.	DATE 11/ DATE 11/ DATE -5	7/202	22

OU









----18" -----

PARKING BY

DISABLED

PERMIT ONLY

FINE

\$250 MAX

--- 12" ---►

SIGN

SIGN

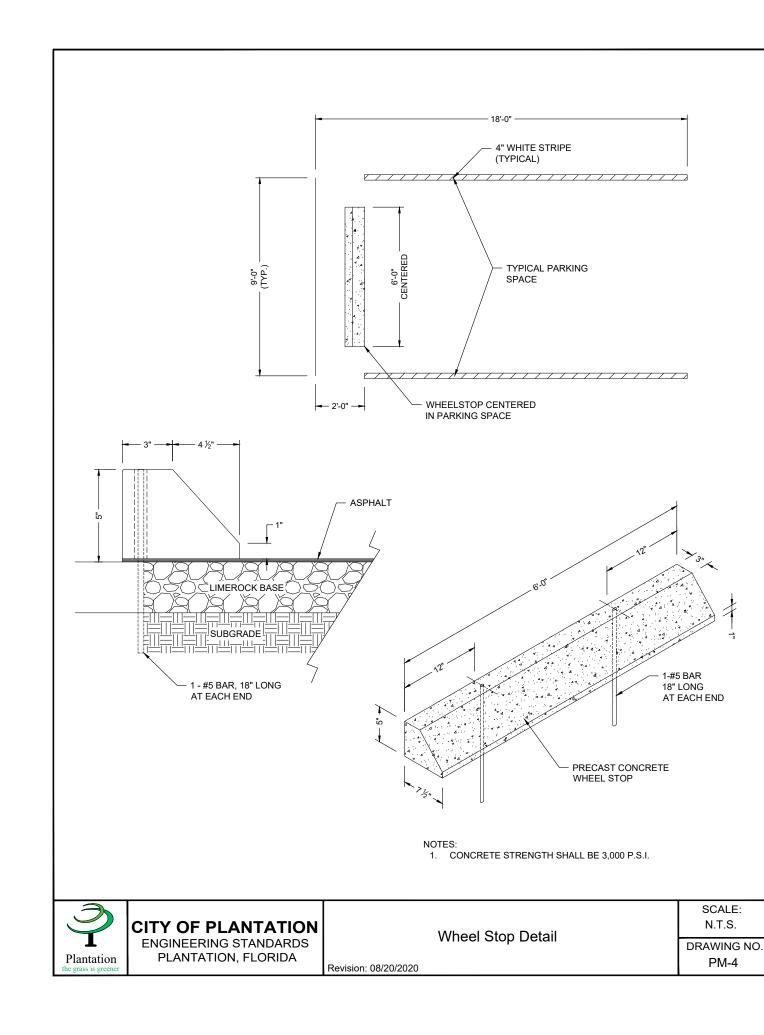
SIDEWALK

G

12' (TYP.) - 5'

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Disabled Parking	SCALE: N.T.S.
Pavement Marking and Signage	DRAWING NO
Revised: 02-01-18	PM-3



Plantation the grass is greener	
CITY OF PLANTATION CITY OF PLANTATION ENGINEERING DEPT. 401 NW 70TH TERRACE, PLANTATION, FL 33317 TEL. (954)797-2282 FAX (954) 797-2761 TEL. (954)797-2282 FAX (954) 797-2761 SAMIRA SHALAN P.E. SAMIRA SHALAN P.E. DATE DATE	
No. DATE BY COMMENT	
North Acres Park 1183 NW 21st Court Plantation, Florida 33323 Pavement Marking & Signage Details	
PROJECT	
SCALE N.T.S. DESIGNED DATE S.Shalan 11/7/2022 DRAWN BY DATE L. Riaño 11/7/2022 CHECKED BY DATE DRAWING NO. SD-6 PROJECT NO. CP22-13 SHEET NO. 1 OF 1	

PLANTATION ACRES IMPROVEMENT DISTRICT PERMIT

TYPE OF PERMIT: Construction PROJECT TITLE: North Acres Part	K		Extension of ex	isting Permit #
STREET ADDRESS: <u>11831 NW 21 (</u> LOCATION: Tract(s) <u>23 & 24</u>	1/4 Section	25	Township49	Range 40 East
Plat Book 2	Page 17	A	Block	Lot gricultural, commercial, etc.)
PURPOSE _ Redevelopment of a Ci PROJECT SIZE: This phase:14.78	acres To	tal: 14.78 a	cres	
DESCRIPTION OF WORK TO BE PER park amenities, landscaping improvem				
NUMBER OF DWELLING UNITS DATE CONSTRUCTION OR ALTERAT	OR S	QUARE FEET O	F COMMERCIAL AREA	
RECEIVING CANAL FOR PROJECT D				
ADDRESS 400 NW 73 AVE			the second se	17.2.5.
CITY Plantation	STATE FL	ZIP 33323	PHONE 954	-797-2282
EMAIL sshalan@plantation.org				
DEVELOPER				
ADDRESS:				
ADDRESS:	STATE	ZIP	PHONE	
EMAIL		(* / *	-	
PROJECT ENGINEER: Samira Shal	an PE			
ADDRESS: 401 NW 70 TER				
CITY Plantation	STATE FL	ZIP 33317	PHONE 954	-797-2282
EMAIL sshalan@plantation.org		T FORTH AROU		AND ACREE THAT
1. The use of or construction will be in	accordance with the details of	the approved drawing	e, I DO UNDERSTAND A	and if any changes are required
same will be cleared with the PLANT	ATION ACRES IMPROVEMEN	T DISTRICT in writing	g prior to initiating.	
2. The PLANTATION ACRES IMPROV				
 Erosion, shoaling or deleterious di IMPROVEMENT DISTRICT. 	scharges due to permitted ac	tions will be correc	ted promptly at no expense	to the PLANTATION ACRES
4. The area under permit will be mainta				
that the right of way or easement will				
 No beautification or erection of any equipment or vehicles in the right of y 			access of PLANTATION ACK	ES IMPROVEMENT DISTRICT
6. As Permittee, will hold and save the	PLANTATION ACRES IMPROV	EMENT DISTRICT a		
 or liabilities which may arise by reaso This permit does not convey any pro 				
regulation or requirement affecting th			use specified herein, nor reliev	te nom complying with any law,
8. This permit is in effect for one year,	with an additional 60 day grace	e period. An extensi	ion must be requested if work	is not completed during permit
 period. To abide by the terms and conditions 	of the permit			
0				1111
SIGNED Samin	Sheller		DATE	1/31/2023
	nature (if not the owner, cer	rtify below)		
I HEREBY CERTIFY THAT I AM AN AU	THORIZED AGENT OF TH	HE OWNER: (Atta	ach Letter of Authorization	from Owner)
		TITLE		
STATE OF FLORIDA COUNTY OF				
COUNTROP	mira Shala			
Before me personally appeared	mina unala	cri as (in Engineer C	Loty of Plantatic
to be known to be the person(s) describe	ed in or who has produced	Dersonally	Knowas identification an	d who executed the
foregoing instrument and acknowledged	before me that Samira	shalan ex	ecuted said instrument fo	r the purpose expressed.
	31		· lanua	2022
WITNESS my hand and official seal this	VI	day	on many -	and 2
My Commission Expires:	Mangy		0	and the second second
1/9/2026 / NO	ARY PUBLIC		Type, Prin	ty of Starspallampiorida
			Ji 🛕 Ji	udy McBride
This permit does not become valid until s				H 205319CT. This permit
will expire one year, to the day, from the	date signed by the Chairm	an.	Ex	p. 1/9/2026
SIGNED	DATE		PERMIT REFERENCE NU	JMBER
H:\PAID\FORMS\Applications\DISTPER2.PAI				rev. 04/02/98 SFP8

Action Required:	Board Approval	
Item Description:	North Acres Park	
PAID Number:	<u>C0209.02</u>	
Attachments:	None	
Summary:	This item is for approval of waiving the permit fee for this Historically, the PAID Board has waved site improvement	
Recommendation:	APPROVE	
Prepared by: <u>BMP</u>	Date: 2/13/2023	2023-02-13 North Acres Park_Item C2_Engineer's Staff Report.wpd

Action Required:	Board Discussion	
Item Description:	NW 2 nd Street R/W Drainage	
PAID Number:	<u>D2301.01</u>	
Attachments:	None	
Summary:	Per the Board's request from the January 20 discussion.	δ^{th} , 2023 meeting, this item has been placed on the Agenda for
Recommendation:	N/A	
Comments:		
Prepared by: <u>BMP</u>	Date: 2/13/2023	2023-02-13 NW 2nd Street Drainage Study_Item D1_Engineer's Staff Report.wpd

Action Required:	Board Discussion	
Item Description:	Preparation of Monthly Agenda	
PAID Number:	<u>D2301.01</u>	
Attachments:	None	
Summary:	Per the Board's request from the January 26 discussion.	5 th , 2023 meeting, this item has been placed on the Agenda for
Recommendation:	N/A	
Comments:		
Prepared by: <u>BMP</u>	Date: 2/13/2023	2023-02-13 Preparation of Agenda_Item D1_Engineer's Staff Report.wpd

Action Required:	Summary
Item Description:	Pump Station Improvements
P.A.I.D. Number:	<u>D1707.01</u>
Attachments:	None
Summary:	The Board approved moving forward with the rehabilitation of the remaining pumps (in this order: 4,1,6,2,5), with Pump Station 1 to be done in the dry season. Our office is currently working on preparing the contract documents for the remaining pumps.
Comments:	
Prepared by: <u>BMP</u>	Date: 2/16/23 2023-02-23 Staff Report_D1707.01 Pump Station Improvements.wpd

Action Required:	Summary		
Item Description:	Engineer's Annual Report		
PAID Number:	<u>D2301.02</u>		
Attachments:	Engineer's Annual Report for 2022		
Summary:	See attached Report.		

Prepared by: <u>BMP</u> Date: <u>2/13/2023</u>

2023-02-13 Engineer's Annual Report 2022_Item D4_Engineer's Staff Report.wpd



ENGINEER'S ANNUAL REPORT FOR 2022

PLANTATION ACRES IMPROVEMENT DISTRICT

City of Plantation, Broward County, Florida

FOR PLANTATION ACRES IMPROVEMENT DISTRICT 1701 NW 112th AVENUE PLANTATION, FLORIDA 33323



 WINNINGHAM & FRADLEY, INC.

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February 23, 2023 Project Number D2301.02 Published: February 16, 2023 (2:59pm)

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ENGINEER'S ANNUAL REPORT FOR 2022 PLANTATION ACRES IMPROVEMENT DISTRICT

1 OVERVIEW

The functions of the District in 2022 and the District's involvement with the residents and development community continued normally with the review of all building permits, drainage reservation releases, site data records, plats, and development plans.

The District's field staff performed standard maintenance of drainage facilities and canals. In addition to this, a swale obstruction evaluation was performed prior to the year's wet season at the request of the Board. This task was completed over a period of three months in three phases. All facilities within the Acres were inspected and any debris found was removed. All PAID facilities were in good condition and worked as intended. The staff also successfully operated the pumps and kept the drainage passages clear during significant events, including Hurricanes Ian and Nicole. In June, Pump Stations No. 1 and 4 received VTS radio system upgrades and became operable.

Shop drawings were reviewed and some changes were made to the final plans for Pump Station No. 3. There was an international material shortage for large ductile iron pipe which delayed the project several months. During that time, our office submitted all necessary documents for review to South Florida Water Management District (SFWMD) and were granted a permit extension to do work within the C-42 canal right-of-way. In September, the project started and was successfully completed by mid November.

A Resolution was approved by the Board at its June meeting for an amendment to Section 2.2.10 "Addressing the Board," of the District's Policy and Procedure manual to permit public comment on each agenda item on which the District is taking action at a District meeting. Other provisions related to permitting each member of the public to have three minutes to speak on items, as well as rules to decorum and topics for discussion were also included in this Resolution.

The State mandated 20-Year Needs Analysis was completed by the engineering staff and submitted to the County in June of 2022.

The District Map was updated, and graphical and tabular inventory of the drainage elements within the District continued.

The total rainfall for the year was approximately 64 inches, which was 2 inches less than 2021. The 30year County average is 60.3 inches per year.

2 REGULATORY REVIEW

2.1 Building Permit Activity

The review for building permits included reviewing the building plans, reviewing the final survey for approval of the Certificates of Occupancy, preparing encroachment agreements, and submitting unique building permit requests to the Board. The building permits issued were down by 11.4% from 2021, averaging 14 per month. Certificates of Occupancy for new homes were down by 27.3% from 2021, averaging less than one per month.

The monthly summary of building permit review is as follows:

MONTH	BUILDING PERMITS	CERTIFICATES OF OCCUPANCY	ENCROACHMENT AGREEMENTS
January	14	0	1
February	8	1	0
March	19	0	0
April	15	2	0
May	13	0	1
June	17	1	0
July	20	1	0
August	17	2	0
September	14	1	0
October	11	0	0
November	6	0	1
December	10	0	0
TOTAL	164	8	3

 Table 1 - Building Permits

2.2 Code Violations

There were nine Notices of Violation issued this year, of which six were resolved and three have not complied as of yet.

2.3 Reservation Releases and Easement Vacations

Reservation Releases are granted when all easements on the subject property have been dedicated. If easements are not dedicated, the request for a release of reservation is denied. This year there was one request for release of reservations: NW 2nd Street & NW 112th Ave Right-of-Way vacation, which has not been approved, to date.

2.4 Site Data Records

Site Data Records are prepared for single lots less than five acres that have been previously subdivided by deed and sold without being platted. There was one Site Data Record submitted this year, which was approved.

2.5 Plats

There was one new plat submitted to the Board this year, as follows:

PLAT NAME	DESCRIPTION	LOCATION	STATUS
4 th Street Estates	Re-plat of eleven residential lots to four residential lots.	11200-11350 NW 4 th St	Approved

Table 2 - Plats

2.6 Paving and Drainage Plans

Permits are issued after Board approval is granted and security requirements are met. One paving and drainage plan was submitted to the Board this year: Flamingo Plaza Site Improvements (located on the SE corner of W. Sunrise Boulevard and N. Flamingo Road), which was approved.

2.7 Permit Status

A permit for construction is issued after a plan is approved and all conditions and security requirements have been met. The permit generally expires one year from the date it is issued. Board approval expires six months from issuance if a permit has not been granted.

There were no new active permits this year.

3 DISTRICT PROJECTS

3.1 Waterways and Neighborhood Maintenance

The following projects were completed by District staff:

- 1. Routine canal maintenance.
- 2. Canal bank and access road maintenance. Debris removal.
- 3. Canal trash racks cleaned.
- 4. Rear swale maintenance in S. Acres.
- 5. Canal bank maintenance: clean excessive vegetative growth removal.
- 6. Removed fallen tree from Canal 1.

3.2 Swale Obstruction Evaluation

At the Board's request, District staff was instructed to inspect all of the existing drainage facilities located within Plantation Acres Improvement District prior to the beginning of last year's wet season. It was agreed that the inspections would be performed in three (3) Phases.

The area for Phase 1 was bound to the east by SW 112th Ave, the west by NW 124th Ave, to the north by NW 28th Court, and the south by NW 21st Court. This portion of the acres was inspected in April 2022. All catch basins and endwalls located in this phase appeared to be in good working condition.

Phase 2 area was bound by NW 28th Court to the north, Old Hiatus Rd (112th Ave) to the east, the C-4 canal on the south between 118th Ave and 112th Ave, and the C-6 canal on the south between Flamingo Rd (124th Ave) and 118th Ave. This portion of the acres was inspected in May 2022. Some minor debris was cleared from catch basin grates and culverts to prevent obstruction. All PAID facilities within this region were reported to be in good working condition as well.

The area for Phase 3 was bound by Old Hiatus Rd (112th Ave) to the east, the C-4 canal to the north, Flamingo Road to the west, and the North New River canal to the south. This portion of the Acres was inspected in June 2022, and completed the District's swale evaluation. No major blockages, repairs, or significant maintenance was reported and the storm water system was functioning as intended.

3.3 **Pump Stations**

1. Pump Station No. 3 Rehabilitation

Our main focus for 2022 was to get Pump Station No. 3 constructed and operational. Our office approved all required shop drawings and incorporated within the final plan set minor modifications made by the pump manufacturer. In January, the South Florida Water Management District (SFWMD) Right-of-Way (R/W) permit staff informed us that the District would be required to extend the permit annually via permit extension applications to the SFWMD. We submitted all necessary documents for review and were granted an extension to do work within the C-42 canal R/W. This permit is valid until August 31st of this year. We will apply for another permit about 90 days prior to expiration.

Continued communication with the Engineer and the Contractor were kept via email and phone conversations. The Contractor was requested to verify the construction start date which was initially March 14, 2022; however, we were later informed that the previous start date had to be delayed due to an international material shortage of large diameter ductile iron pipe. This was the case for several months.

Two pieces of pipe necessary to start construction would not go into production until the week of July 18th, 2022. With two weeks for production and paint and an estimated week of shipping, it was anticipated receiving these items in mid August. The pump itself would be ready by the second week of June along with other materials; however, the contractor would not be able to start construction without these two pieces. Our office continued to monitor this and stayed in communication weekly with the contractor as we had been.

Pump No. 3 was performance tested under controlled conditions on July 12th, 2022, and witnessed by David Fradley, PE, and Stephen Nieset, PAID Chairman, at the MWI Corporation in Deerfield Beach. Pump test procedures were necessary to show compliance with the Hydraulic Institute Standards and project standards. The pump passed all required standards.

The remaining Ductile Iron Pipe (DIP) spool pieces mentioned previously arrived and the contractor (Hinterland Group) was scheduled to mobilize and begin work the week of August 22, 2022. However, the contractor again experienced delays due to the work crew being ill and was not able to start until September 6, 2022. Our office held a Pre-Construction meeting on September 9th, 2022, to discuss construction

sequencing, protocol, and permit compliance, etc. Over the next couple of months, our office was on-site daily to perform inspections as required.

By the end of October, the pump rehabilitation was near completion. Overall, three (3) Change Orders were approved by the Board (one being mandatory). The first change order involved changing the Contract retainage amount from 10% to 5%. House Bill 101, effective October 1, 2020 set a maximum retainage amount to 5%. Because this project was bid after that date, the retainage to be held must have been at or below 5%. To bring the Contract in compliance with the law, a change order was necessary and approval was mandatory.

The second change order involved increasing the contract amount by \$20,149.36, bringing the total cost of the project from \$384,357.50 to \$404,506.86. The cost was related to the additional steel plating, as provided for in the Contract, although, more than anticipated. Due to the extent of deterioration in the wet well, the walls, for a height of 8 feet, and the floor were re-clad. This change was added to all five (5) remaining stations. The total additional cost of the plating and related work was \$46,506.86, of which \$26,257.50 was provided for by the contingency amount from the Contract.

The third change order extended construction time from the 245 days specified by the contractor in the proposal to 372 days. The contractor experienced delays for various reasons: material shortages, crew falling subject to COVID-19, the condition of the existing wet well and the time needed to re-clad it. In addition, Florida was placed under an Executive Order State of Emergency for two (2) hurricanes (Ian & Nicole). Historically, projects in PAID have taken longer than expected.

In summary, work got off to a slower start than anticipated as the Contractor became acclimated with the work and requirements of the Contract; however, progressed very quickly after that. A startup was conducted on November 15th, 2022; the pump station was operational and substantial completion was declared. By the end of December, the asbuilt was approved. Our office received the Final Affidavit and other documentation per the Contract and we issued the final payment.

2. Other Pump Station Improvements

Separate from the Pump Station Renovation Project, maintenance and repair work is required to the existing stations for normal operation. This work is done by the District's Staff with occasional assistance from private contractors. The work performed by staff on the pump stations is as follows:

- 1. All propane tanks were routinely filled by Suburban Propane as part of their contract for providing propane.
- 2. Breakers were replaced for Stations 1 and 4.
- Fuel sensor for Pump 1 was not working. Removed fuel sensor from Pump 3 (prior to Pump 3 rehabilitation) and replaced sensor for Pump 1.
- Stations 1 and 4 had no radio communication through mid-year 2022.
 Board authorized \$90k for VTS radio system upgrade at October 28th, 2021 PAID meeting. Radios arrived and were replaced and operational by June.
- 5. All pump station motors (except Pump Station No. 3) received normal maintenance.
- 6. Window louvers installed for Station No. 3 Pumphouse.

3.4 20-Year Needs Analysis

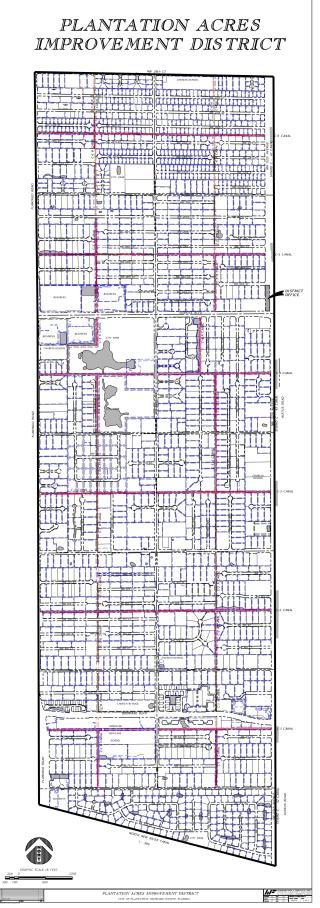
- As part of the 2021 regular session, the State Legislature recognized the need for a long-term planning process for utilities, including stormwater management (SWM) systems. A state mandate was passed, Section 403.9302, Florida Statutes, which now required a 20-year needs analysis from local governments providing stormwater services starting in 2022, and required every five (5) years thereafter.
- 2. The engineering staff completed the analysis and submitted the report on behalf of PAID to Broward County by the State's deadline of July 31, 2022. The county was accountable for collecting all local analyses within its jurisdiction and compiling all information which then was submitted to the Secretary of the Florida Department Environmental Protection and to the Office of Economic and Demographic Research.
- 3. The 20-Year Needs Analysis included but was not limited to:
 - Background/historical information including current activities associated with the management, operation and maintenance, and control of PAID's SWM system;
 - The current service area for the SWM system and any expected changes to the system over the next two (2) decades;
 - Any expansion projects and associated estimated future costs in 5 year increments over the next two (2) decades;

- 4. Resiliency initiatives related to climate change if applicable (sea level rise, increased flood events, etc.);
- 5. Remaining estimated useful life expenditures for stormwater infrastructure; and
- 6. Any "major" SWM components targeted for replacement within a 20 year horizon.

4 DISTRICT MAPS

The District Map was updated with the lots and easements as dedicated during 2022. The Facilities Map was updated to include facilities that were either constructed or were not depicted previously on the map as some unknown structures were discovered by District staff during their swale obstruction evaluation.

Reduced copies of the maps are included in this report. Full size copies are available.





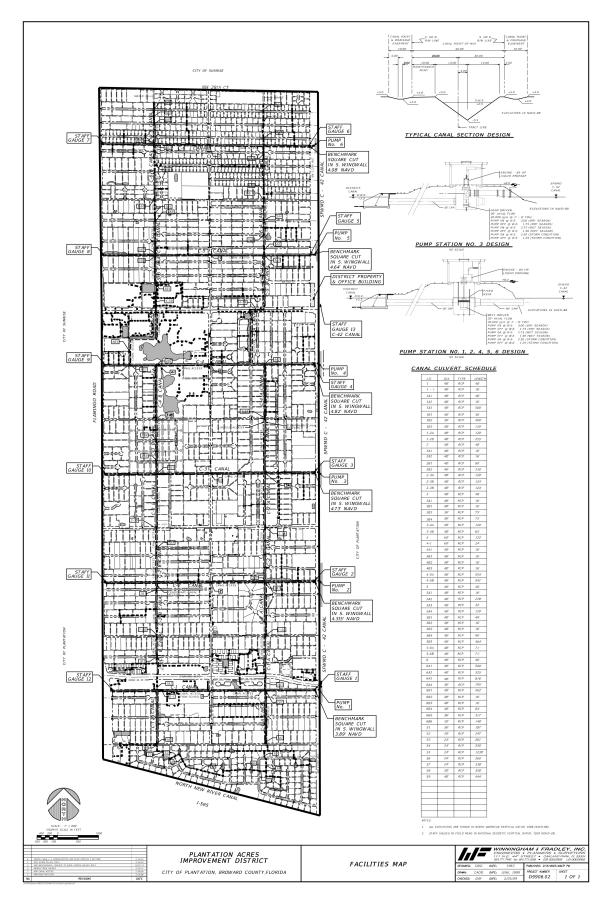


Figure 2 - Facilities Map

5 PUMP DATA

The pump activity is generally recorded by the VTS software. However, due to the disruption in service to the telemetry and the changoever to an updated system, this information is not available for 2022.

FUEL REFILL AMOUNTS IN GALLONS						
Date	Pump 1	Pump 2	Pump 3	Pump 4	Pump 5	Pump 6
03/23/22	83.60	671.90	248.00		320.60	456.10
04/28/22	Filled	Filled	Filled	Filled	Filled	Filled
06/02/22		271.20			287.60	271.20
06/08/22	477.90	310.20	377.60	339.00	353.60	
06/09/22						381.00
07/27/22		442.00				
09/27/22	136.30	127.20		232.00	126.10	140.90
09/30/22	328.10	326.70		256.40	381.10	331.90
Totals	464.40	2149.20	625.60	827.40	1469.00	1581.10

The fuel usage for each pump, their refill dates and general data are as follows:

Table 3 - Fuel Refill Amounts in Gallons

The total amount of fuel used in 2022 was 7,117 gallons, a 5.3% decrease over the fuel use in 2021. A comparison to previous years is shown to the right.

Year	Fuel (gals)	Rain (in)
2010	8,871	67
2011	5,071	50
2012	11,474	70
2013	5,367	72
2014	5,913	65
2015	4,646	56
2016	2,137	52
2017	11,252	75
2018	8,702	53
2019	13,615	62
2020	24,714	104
2021	7,516 66	
2022	7,117	64

Table 4 - Fuel Use 2010-2022

6 RAINFALL DATA

Rainfall data is generally collected from three sources: the South Florida Water Management District (SFWMD), the Old Plantation Water Control District (OPWCD), and PAID.

The SFWMD data comes from the S-125 Rain Station, located at the north end of the C-42 Canal at the intersection with the C-13 Canal approximately one mile north of the District.

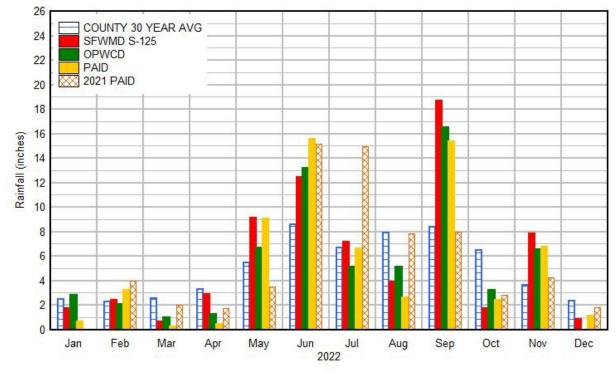
The data from OPWCD is taken from the analog record of rainfall at the OPWCD Headquarters at 8800 North New River Canal Road, Plantation, Florida.

In addition to the annual recorded local rainfall, the published Broward County Average rainfall is provided (<u>https://www.sfwmd.gov/weather-radar/rainfall-historical/normal</u>). The monthly totals for rainfall for the active stations and a bar graph of the average monthly rainfall amounts are shown on the following table and graph.

	2022 RAIN (inches)				
MONTH	County 30 Year Avg	OPWCD	S-125	PAID	PAID 2021
Jan	2.51	2.83	1.77	0.66	0.00
Feb	2.28	2.13	2.46	3.25	4.00
Mar	2.60	1.02	0.69	0.25	2.00
Apr	3.35	1.32	2.89	0.50	1.75
Мау	5.47	6.68	9.17	9.10	3.50
Jun	8.60	13.21	12.43	15.60	15.20
Jul	6.73	5.12	7.19	6.64	14.98
Aug	7.89	5.14	3.92	2.61	7.83
Sep	8.37	16.53	18.71	15.37	7.99
Oct	6.48	3.22	1.76	2.41	2.83
Nov	3.64	6.60	7.85	6.78	4.25
Dec	2.38	0.00	0.87	1.13	1.83
Total	60.30	63.80	69.71	64.29	66.16

 Table 5 - Local Monthly Rainfall

Rainfall by Month for 2022



Plantation Acres Improvement District

Figure 3 - Rainfall Comparison Chart

The total rainfall, 64 inches, is a 2.8% decrease from the previous year.

7 WATER LEVELS

Water levels are typically recorded continuously at each pump station. However, the District's VTS software for Stations 1 and 4 was not working for half of the year and Station 3 was rehabilitated. For Stations 2, 5, and 6 for 2022, these averages are not known.

8 STORMS

8.1 Hurricane lan

One of the hurricanes to hit landfall on the southwest coast of Florida was on September 28, 2022, and made its way northeast, across the state. Hurricane Ian was categorized as a Category 4 with 150 mph winds and heavy rains that caused damage to several central counties. Approximately 8 inches of rain fell over the two days preceding the storm. By the time Ian approached Broward County, or the District, it weakened into a tropical storm. Preparations were made beforehand and there was not any significant damage to PAID's stormwater management system.

8.2 Hurricane Nicole

Hurricane Nicole hit landfall on the east coast of south Florida on November 10, 2022, and was downgraded from a Category 1 hurricane to a tropical storm shortly thereafter. Nicole made its way north throughout the state along the west coast. Approximately 2.4 inches of rain fell over the two days preceding the storm. Like Ian, preparations were made beforehand and there was not any significant damage to PAID's stormwater management system.

8.3 Other Storms

Tropical Storm Alex reached the southwestern coast of Florida on June 4th and moved its way northeastward across the state, exiting the east coast about six (6) hours later. Approximately 12.1 inches of rainfall occurred preceding the storm and during, from June 1-4.

Prepared by: WINNINGHAM & FRADLEY, INC.

Bealinda M. Pell Professional Engineer Number 81229 State of Florida

February 23, 2023

Action Required: Discussion

Item Description: Permit Activity Summary

None

P.A.I.D. Number: D9408.02 & D9408.03

Attachments:

Summary: Approved Building Permits

<u>No.</u>	Name	Address	PAID No.
1. 2. 3. 4. 5. 6. 7. 8.	Loriga (Outdoor kitchen & UG tank & lines) RCR Homes LLC (House) Veskosky (Addition) Amar (Fence) Duque Melo (Fence) Demarco (Addition) Platzer (Fence) Chase (Fence)	11310 NW 28 th Court 1280 NW 124 th Avenue 12021 NW 18 th Street 11850 NW 18 th Street 11241 NW 26 th Street 11624 NW 5 th Street 800 NW 116 th Terrace 11481 Tara Drive	B2101.01 B2212.02 B9808.05 B9201.04 B9909.04 B9306.07 B9411.03 B0204.09
Summary:	No Approved Certificates of Occupancy		

Prepared by: HMS Date: 02/15/2023

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Action Required:	Discussion
Item Description:	Notices of Violation
	Summary
P.A.I.D. Number:	_D9611.01
Attachments:	None

Summary: The following is a summary of the existing violations.

Name	Address	Violation	Status
SOSA	11501 NW 24 [™] STREET	LANDSCAPE IN CANAL MAINTENANCE EASEMENT	COMPLIED
VENTO	2161 NW 121 ST AVENUE	LANDSCAPE IN CANAL MAINTENANCE EASEMENT	COMPLIED
GENDLER	11400 NW 26 [™] STREET	LANDSCAPE IN CANAL MAINTENANCE EASEMENT	FINAL NOTICE
OCAMPO	11350 NW 26 [™] STREET	LANDSCAPE IN CANAL MAINTENANCE EASEMENT	FINAL NOTICE
BARTELMO	12061_NW 10 [™] STREET	LANDSCAPE IN CANAL MAINTENANCE EASEMENT	COMPLIED
DESANTIS	12121 NW 11 [™] STREET	LANDSCAPE IN CANAL EASEMENT	NOTIFIED
WALLACE	1001 NW 114 [™] AVENUE	FILL WITHOUT PERMIT	NOTIFIED

Prepared by: <u>HMS</u> Date: <u>2/15/2023</u>

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