

**PURCHASE AGREEMENT
DRAINAGE EASEMENT**

STATE OF FLORIDA)
COUNTY OF SEMINOLE)

THIS AGREEMENT is made and entered into by and between LANDINGS AT RIVERBEND HOMEOWNERS ASSOCIATION, INC., whose address is 1000 Pine Hollow Point, Altamonte Springs, Florida 32714, in this Agreement referred to as “OWNER,” and SEMINOLE COUNTY, a charter county and political subdivision of the State of Florida, whose address is Seminole County Services Building, 1101 East 1st Street, Sanford, Florida 32771, in this Agreement referred to as “COUNTY.”

WITNESSETH:

WHEREAS, COUNTY requires the property described below for a drainage easement in Seminole County;

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions contained in this Agreement, OWNER agrees to sell and COUNTY agrees to purchase a drainage easement on the following property upon the following terms and conditions:

I. LEGAL DESCRIPTION

See attached Exhibit A for legal description and sketch (the “Property”).

Parcel I. D. Number: 33-19-31-518-0D10-0000

II. CONVEYANCE AND PURCHASE PRICE

(a) OWNER shall sell and convey an easement on the Property for the above referenced project by Drainage Easement, free of liens and encumbrances, to COUNTY for the sum of FIFTEEN THOUSAND ONE HUNDRED SIXTY-FIVE AND NO/100 DOLLARS (\$15,165.00). This amount includes all compensation due as a result of this acquisition to OWNER for any reason and for any account whatsoever, including all damages, compensation, attorney fees, expert fees, and other costs of any nature whatsoever, and for any other claim or account whatsoever that are due to OWNER as a result of this acquisition.

(b) COUNTY is responsible for the following closing costs: recording fee for Drainage Easement, title search fee, premium for the title insurance policy issued to COUNTY by a title insurance company of COUNTY’s choice and cost to prepare and all expenses to record instruments necessary to provide title unto COUNTY, free and clear of all liens and encumbrances.

(c) OWNER is responsible for OWNER's own attorney's fees and costs, if any, not included in Item II.(a) above and OWNER's share of the pro-rata property taxes outstanding, if any, up to and including the date of closing. COUNTY's closing agent will withhold these costs and pro-rata real estate taxes for which OWNER is responsible, if any, from the proceeds of this sale and pay them to the proper authority on behalf of OWNER.

(d) OWNER covenants that there are no real estate commissions due any licensed real estate broker for this conveyance. OWNER shall defend COUNTY against any claims for such commissions and pay any valid claims made by any such broker.

(e) OWNER and COUNTY stipulate this purchase is being made under the threat of condemnation and therefore the conveyance and Drainage Easement described in Item II.(a) above is not subject to documentary stamps taxes pursuant to Rules 12B-4.014(13) and 12B-4.013(4), Florida Administrative Code (2023).

III. CONDITIONS

(a) COUNTY shall pay to OWNER the sum as described in Item II.(a), above, upon the proper execution and delivery of all the instruments required to complete the above purchase and sale to the designated closing agent. COUNTY shall determine a closing date within a reasonable time after all pre-closing conditions under this Agreement have been completed. OWNER agrees to close within seven (7) days of notice by COUNTY or COUNTY's closing agent that a closing is ready to occur.



(b) Subject to Item III(c) below, OWNER shall vacate and surrender possession of the Property upon the date of delivery of the instruments and closing of this Agreement.

(c) Any and all encroachments existing upon the Property, other than those improvements included in the purchase price, must be removed by OWNER at the expense of OWNER prior to closing.

(d) OWNER warrants that there are no facts known to OWNER materially affecting the value of the Property that are not readily observable by COUNTY or that have not been disclosed to COUNTY.

(e) The instrument of conveyance to be utilized at closing must include the covenant of further assurances, in addition to containing all other common law covenants through the use of a drainage easement.

(f) If OWNER owns the Property to be conveyed in any representative capacity, OWNER shall fully comply with the disclosure and other requirements of Section 286.23, Florida Statutes (2023), as this statute provides on the effective date of this Agreement and to the extent this statute is applicable.

(g) Upon forty-eight (48) hours' notice to OWNER, COUNTY has the right, prior to closing: (1) to perform any and all environmental studies and tests to determine the existence of environmental or hazardous contamination on the Property, in its soil or in the underlying water table or (2) to enter upon the Property with COUNTY's employees, contractors and other personnel to inspect and conduct testing upon the Property. If COUNTY determines, either through these studies, testing or other means that the Property contains any hazardous waste or materials or environmental contamination, or has been used as a hazardous waste or chemical storage facility or dumpsite or as a garbage dump or landfill site, COUNTY may elect to cancel this Agreement and have all sums paid under it by COUNTY to OWNER, if any, returned to COUNTY.

(h) In the event that COUNTY subsequently abandons this project after execution of this Agreement, but before closing, this Agreement will be null and void.

(i) In the event that difficulties arise as to clearing title sufficient to complete a closing of this Purchase Agreement or difficulties occur in the issuance of a title insurance commitment that is acceptable to COUNTY, this Agreement will survive the filing of any eminent domain action by COUNTY and will serve as a joint stipulation regarding all issues of valuation, attorney fees (except for apportionment proceedings, if any), costs and expert fees in any condemnation proceeding initiated by COUNTY relating to the Property. In accordance with any request made by COUNTY, OWNER shall execute any and all instruments, pleadings, documents, and agreements upon litigation reflecting the full settlement as set forth in this Agreement. OWNER shall not oppose COUNTY's condemnation proceedings in any way. OWNER, however, may assert OWNER's rights against other claimants in apportionment proceedings.



(j) OWNER shall indemnify and save COUNTY harmless from and against all liability, claims for damages, and suits for any injury to any person or persons, or damages to any property of any kind whatsoever arising out of or in any way connected to OWNER's representations or performance under this Agreement or in any act or omission by OWNER in any manner related to this Agreement.

(k) COUNTY is solely responsible for all of COUNTY's activities conducted on the Property. OWNER is not to be considered an agent or employee of COUNTY for any reason whatsoever on account of this Agreement.

(l) OWNER states that OWNER has not engaged in any action that would create a conflict of interest in the performance of OWNER's obligations under this Agreement with COUNTY that would violate or cause others to violate the provisions of Part III, Chapter 112, Florida Statutes (2023), as this statute may be amended from time to time, relating to ethics in government.

(m) OWNER is responsible for ensuring this Agreement is properly approved according to OWNER's corporate structure as provided in OWNER's governing documents and Chapter 720, Florida Statutes (2024).

(n) This Agreement contains the entire agreement between OWNER and COUNTY and all other representations, negotiations, and agreements, written and oral, with respect to the subject matter of this Agreement are superseded by this Agreement and are of no force and effect. This Agreement may be amended and modified only by an instrument in writing executed by all parties to this Agreement.

(o) This Agreement is not assignable.

(p) This Agreement will be construed by and controlled under the laws of the State of Florida. The sole venue for any legal action in connection with this Agreement is the Eighteenth Judicial Circuit Court in Seminole County.

(q) With respect to the Property and all areas immediately adjacent to the Property on the Property, COUNTY shall construct its improvements in substantial conformity with the Construction Plans for the Midway Drainage Improvement, a copy of which is attached to and incorporated in this Agreement by reference as Exhibit "B" (the "Plans"). If COUNTY changes the use of the Property to be in non-conformity with the Plans or if COUNTY otherwise does not substantially comply with the Plans, then OWNER will have the same remedies as would have been afforded to OWNER had the case been resolved by verdict with the Plans having been made a part of the record at trial. *Central & Southern Florida Flood Control District v. Wye River Farms, Inc.*, 297 So.2d 323 (Fla. 4th DCA 1974); cert. denied 310 So.2d 745 (Fla. 1975) (when plans and specification for construction of a public project are in evidence, the condemnor is bound by them and the issues as to damages are framed by them).



(r) The effective date of this Agreement will be the date when the last party has properly executed this Agreement as determined by the date set forth immediately below the respective signatures of the parties.

IN WITNESS WHEREOF, the parties have made and executed this Agreement for the purposes stated above.

WITNESSES:

Lori Carson
Signature
11/19/24 Lori Carson
Print Name
Natalie Korsjoen
Signature
Natalie Korsjoen 11/19/2024
Print Name

LANDINGS AT RIVERBEND
HOMEOWNERS ASSOCIATION, INC.

By: Jordan DeLettre
JORDAN DeLETTRE
Its: President
11/19/2024
Date

Road Project: Midway Drainage Improvement Project - Parcel 804
Parcel Address: Common Area
Owner Name: Landings at Riverbend Homeowners Association, Inc.

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

ATTEST:

GRANT MALOY
Clerk to the Board of
County Commissioners of
Seminole County, Florida.

By: _____
JAY ZEMBOWER, Chairman

Date: _____

For the use and reliance of
Seminole County only.

As authorized for execution by the Board of
County Commissioners at its _____,
20___, regular meeting.

Approved as to form and
legal sufficiency.

County Attorney

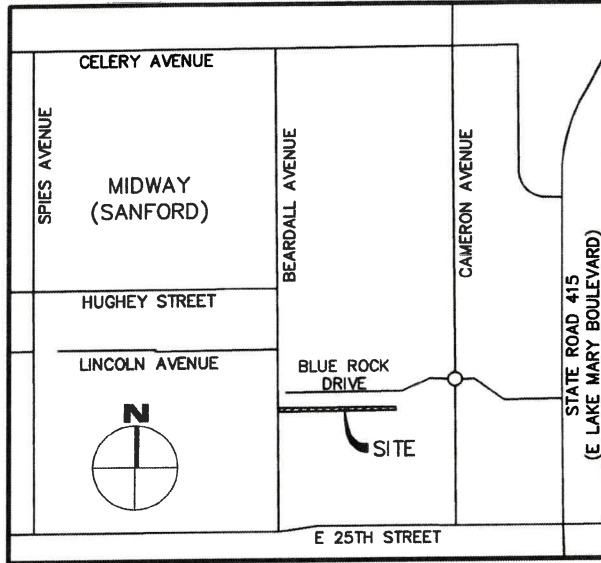
Attachment:
Exhibit A – Legal Description and Sketch
Exhibit B – Construction Plans



SKETCH & DESCRIPTION
 PARCEL ID NO. 33-19-31-518-0D10-0000
 EASEMENT NO. 804
 KEY SHEET, LEGEND, & SURVEYOR'S NOTES

Exhibit "A"

VICINITY MAP: NOT TO SCALE



SURVEYOR'S NOTES:

1. THIS SKETCH AND DESCRIPTION IS NOT A BOUNDARY SURVEY AND DOES NOT DEFINE OWNERSHIP.
2. THIS SKETCH AND DESCRIPTION IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OR AN ELECTRONIC SIGNATURE IN COMPLIANCE WITH F.A.C. 5J-17.062(3) OF THE SIGNING SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO THIS DOCUMENT BY OTHER THAN THE SIGNING PARTY IS PROHIBITED.
3. THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 2011 ADJUSTMENT, DERIVING A BEARING OF NORTH 89°35'37" EAST ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 19 SOUTH, RANGE 31 EAST, SEMINOLE COUNTY, FLORIDA.
4. DATA SHOWN HEREON WAS COMPILED FROM OTHER INSTRUMENTS PROVIDED TO L&S DIVERSIFIED BY THE CLIENT AND DOES NOT CONSTITUTE A FIELD SURVEY AS SUCH.
5. NO PROPERTY CORNERS WERE SET OR FOUND AS PART OF THIS SKETCH AND DESCRIPTION.
6. THIS SKETCH AND DESCRIPTION CANNOT BE RELIED UPON BY PERSONS OR ENTITIES OTHER THAN THE PERSONS OR ENTITIES CERTIFIED TO HEREON.
7. ADDITIONS OR DELETIONS TO THIS SKETCH AND DESCRIPTION BY OTHER THAN THE SIGNING PARTY OR PARTIES ARE PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
8. THE DESCRIPTION OF THE SUBJECT PROPERTY FORMS A MATHEMATICALLY CLOSED FIGURE WITH NO GORES, GAPS, OVERLAPS, OR HIATUS.

SYMBOLS & ABBREVIATION LEGEND:

- = CHANGE IN DIRECTION
- ### = EASEMENT ID
- E = EAST/EASTING
- L# = LINE TAG
- LB = LICENSED BUSINESS
- LS = LICENSED SURVEYOR
- N = NORTH/NORTHING
- PB = PLAT BOOK
- PG(S) = PAGE(S)
- R/W = RIGHT OF WAY

SHEET KEY:

- SHEET 1 OF 3 - KEY SHEET, LEGEND, & SURVEYOR'S NOTES
- SHEET 2 OF 3 - LEGAL DESCRIPTION
- SHEET 3 OF 3 - SKETCH OF DESCRIPTION

SHEET 1 OF 3
SEE SHEET 2 FOR LEGAL DESCRIPTION

CERTIFIED TO:

1. _____
2. _____
3. _____
4. _____

**MIDWAY DRAINAGE IMPROVEMENT
 PARCEL 33-19-31-518-0D10-0000**

PROJECT No.	220014	DRAWN DATE	2023.JAN.23
SURVEY BY	N/A	REVIEWED BY	S.MANOR
SURVEY DATE	N/A	APPROVED BY	S.MANOR
DRAWN BY	B.SHINHOLSER	CLIENT FILE No.	N/A

No.	DATE	BY	DESCRIPTION
1	02/08/23	BS	SC COMMENTS
2	03/09/23	AAN	ADDED EASEMENT ID
3	04/18/23	AAN	UPDATED LEGAL DESCRIPTION

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY REPRESENTED HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF. IT HAS BEEN PREPARED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE PURSUANT TO CHAPTERS 177 AND 472 OF THE FLORIDA STATUTES. THIS SURVEY MAP AND/OR REPORT IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OR THE ELECTRONIC SIGNATURE IN COMPLIANCE WITH F.A.C. 5J-17.062(3) OF THE SIGNING SURVEYOR AND MAPPER.



Digitally signed
 by Sherry Manors
 Date: 2023.09.20
 10:57:04 -04'00'

SHERRY LEE MANORS, PSM - LS# 6961
 THIS SKETCH AND/OR REPORT IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE ABOVE.



**L & S
 Diversified**

Professional Surveyors and Mappers

489 STATE ROAD 436 | SUITE 117 | CASSELBERRY, FL | 32707
 PHONE 407.681.3836 | FAX 407.681.6541
 WWW.LSSURVEYOR.COM | INFO@LSSURVEYOR.COM

PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE | LB#7829

LEGAL DESCRIPTION

PARCEL ID NO. 33-19-31-518-0D10-0000
EASEMENT NO. 804

A PORTION OF TRACT D1, LANDINGS AT RIVERBEND, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 86, PAGES 13 THROUGH 19, OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, IN SECTION 33, TOWNSHIP 19 SOUTH, RANGE 31 EAST, SEMINOLE COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF SAID TRACT D1; THENCE RUN NORTH 89°49'37" EAST ALONG THE NORTH LINE OF SAID TRACT D1, A DISTANCE OF 1299.71 FEET TO THE NORTHEAST CORNER OF SAID TRACT D1; THENCE DEPARTING SAID NORTH LINE RUN SOUTH 00°21'16" EAST ALONG THE EAST LINE OF SAID TRACT D1, A DISTANCE OF 34.96 FEET TO THE SOUTHEAST CORNER OF SAID TRACT D1; THENCE DEPARTING SAID EAST LINE RUN SOUTH 89°38'11" WEST ALONG THE SOUTH LINE OF SAID TRACT D1, A DISTANCE OF 1299.69 FEET TO A POINT ON THE EAST RIGHT OF WAY LINE OF NORTH BEARDALL AVENUE ALSO BEING THE SOUTHWEST CORNER OF SAID TRACT D1; THENCE DEPARTING SAID SOUTH LINE RUN NORTH 00°22'26" WEST ALONG SAID EAST RIGHT OF WAY LINE OF NORTH BEARDALL AVENUE, A DISTANCE OF 39.29 FEET TO THE POINT OF BEGINNING.

SAID LANDS CONTAINING 1.108 ACRES (48,254 SQUARE FEET) MORE OR LESS.

SHEET 2 OF 3
SEE SHEET 3 FOR SKETCH

CERTIFIED TO:

1. _____
2. _____
3. _____
4. _____

**MIDWAY DRAINAGE IMPROVEMENT
PARCEL 33-19-31-518-0D10-0000**

PROJECT No.	220014	DRAWN DATE	2023.JAN.23
SURVEY BY	N/A	REVIEWED BY	S.MANOR
SURVEY DATE	N/A	APPROVED BY	S.MANOR
DRAWN BY	B.SHINHOLSER	CLIENT FILE No.	N/A

No.	DATE	BY	DESCRIPTION
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Digitally signed
by Sherry Manor
Date: 2023.09.20
10:57:23 -04'00'

SHERRY LEE MANOR, PSM - LS# 6961
THIS SKETCH AND/OR REPORT IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE ABOVE

L & S Diversified

Professional Surveyors and Mappers

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PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE | LB#7829



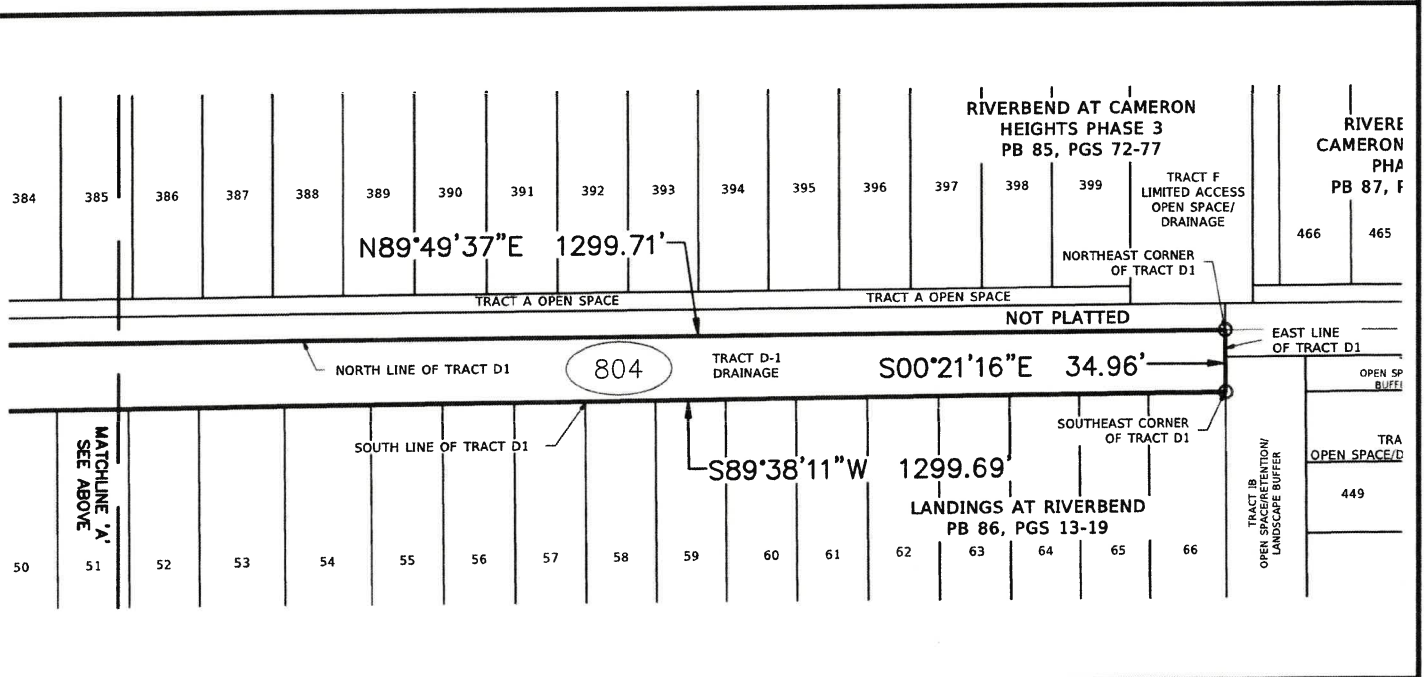
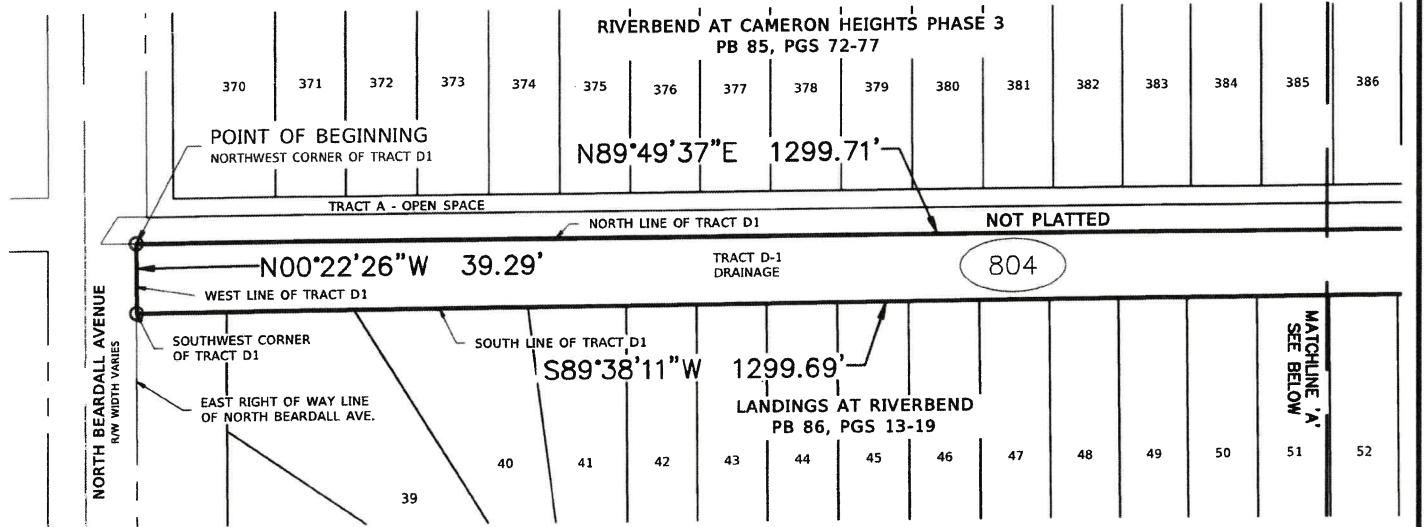
SKETCH OF DESCRIPTION

PARCEL ID NO. 33-19-31-518-0D10-0000
EASEMENT NO. 804

SHEET 3 OF 3
SEE SHEET 2 FOR LEGAL DESCRIPTION



SCALE: 1" = 100'



CERTIFIED TO:

1. _____
2. _____
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4. _____

**MIDWAY DRAINAGE IMPROVEMENT
PARCEL 33-19-31-518-0D10-0000**

PROJECT No.	220014	DRAWN DATE	2023.JAN.23
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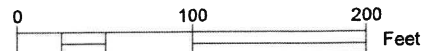
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Digitally signed
by Sherry Manor
Date: 2023.09.20
10:57:56 -04'00'

SHERRY LEE MANOR, PSM - LS# 6961
THIS SKETCH AND/OR REPORT IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE ABOVE



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Exhibit "B"

COMPONENTS OF CONTRACT PLANS SET
 Roadway Plans
 A DETAILED INDEX APPEARS ON THE
 KEY SHEET OF EACH COMPONENT

Sheet Number	Sheet Title
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	SUMMARY OF PAI ITEMS
5 - 10	DRAINAGE MAP
11 - 16	SUPPLEMENTAL DRAINAGE DATA
17 - 18	SPECIAL SECTIONS
19 - 22	SPECIAL DETAILS
23 - 27	STORMWATER STRUCTURES
28	PROJECT LAYOUT
29 - 30	PROJECT CONTROL
31	GENERAL NOTES
32 - 53	PLAN & PROFILE
54 - 56	CONTROL POINT TABLES
57 - 66	DRAINAGE STRUCTURE SECTIONS
67 - 72	POND DETAIL SHEETS
73 - 76	DRAINAGE DETAILS
77 - 87	POND CROSS SECTIONS
88 - 101	DITCH CROSS SECTIONS
102 - 104	STORMWATER POLLUTION PREVENTION PLAN
105 - 130	EROSION CONTROL PLAN
131 - 138	TEMPORARY TRAFFIC CONTROL
139 - 161	UTILITY ADJUSTMENTS
162 - 171	SIGNING & PAVEMENT MARKINGS
172	ROADWAY SOIL SURVEY
173 - 175	REPORT OF AUGER BORINGS FOR PONDS
176 - 179	REPORT OF CORE BORINGS
ST-01	DATA TABLES OF BOX CULVERT
ST-02 - ST-04	REINFORCING BAR LIST
F-1 - F-2	FAA AIRSPACE EXHIBIT
1-14*	RIGHT OF WAY MAP

*THESE SHEETS ARE INCLUDED IN THE ROADWAY PLANS ONLY TO
 SHOW THE LOCATION OF THE ROADWAY PLANS. THE ROADWAY PLANS
 ARE CONTAINED IN A SEPARATE DIGITALLY SIGNED AND SEALED
 DOCUMENT.

GOVERNING STANDARD PLANS:
 Florida Department of Transportation, FY2023-24 Standard Plans for
 Road and Bridge Construction and applicable Interim Revisions (first).
 Standard Plans for Road Construction and associated Irs are available at
 the following website:
<https://www.dot.gov/design/standardplans.htm>
 APPLICABLE IRS: IR356-001-01, IR321-001-01
 Standard Plans for Bridge Construction are included in the Structures
 Plans Component.
 GOVERNING STANDARD SPECIFICATIONS:
 Florida Department of Transportation, FY 2023-24 Standard
 Specifications for Road and Bridge Construction at the following website:
<https://www.dot.gov/procurement/implementation/Specifications>

BOARD OF COUNTY COMMISSIONERS

- | | |
|-----------------|-----------------------|
| BOB DALLARI | DISTRICT 1 |
| JAY ZEMBOWER | DISTRICT 2 |
| LEE CONSTANTINE | DISTRICT 3 |
| AMY LOCKHART | DISTRICT 4 CHAIRMAN |
| ANDRIA HERR | DISTRICT 5 VICE-CHAIR |
- DARREN GRAY, COUNTY MANAGER

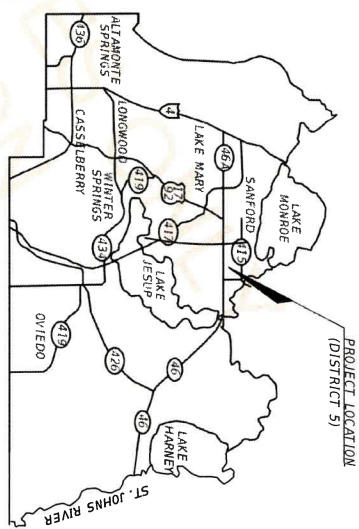
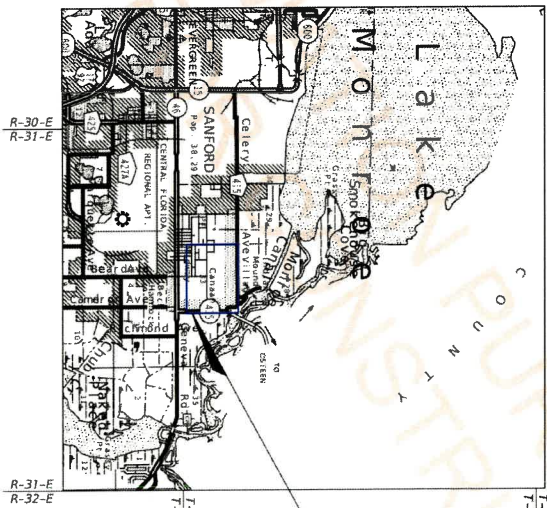
Exhibit "B"

SEMINOLE COUNTY ENGINEERING DIVISION

CONTRACT PLANS



MIDWAY BASIN DRAINAGE IMPROVEMENTS
 SEMINOLE COUNTY CIP NO. 01907077
 BID PACKAGE 2



PLANS PREPARED BY:
ATKINS
 602 SOUTH GLEN ROAD
 TALLAHASSEE, FLORIDA 32308
 (407) 847-7275

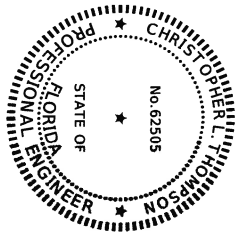
NOTE: THE SCALE OF THESE PLANS MAY
 HAVE CHANGED DUE TO REPRODUCTION

ROADWAY PLANS
 ENGINEER OF RECORD: CHRISTOPHER L. THOMPSON, PE
 P.E. NO.: 63905
 COUNTY PROJECT MANAGER: JEFF SLOMAN, PE

90% SUBMITTAL
 AUGUST 2023

PUBLIC WORKS DIRECTOR: JEAN JREIJ, P.E.

FISCAL YEAR	SHEET NO.
23	1



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 ATKINS NORTH AMERICA, INC.
 482 S. KELLER ROAD
 ORLANDO, FL 32810
 CHRISTOPHER L. THOMPSON, P.E. NO. 62505

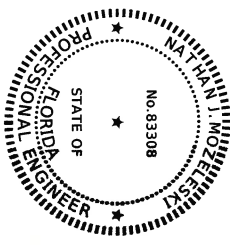
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

Sheet List Table

Sheet Number	Sheet Title
1	KEY SHEET
2	SIGNATURE SHEET
11 - 16	DRAINAGE MAP
17 - 18	SUPPLEMENTAL DRAINAGE DATA
24 - 27	SUMMARY OF DRAINAGE STRUCTURES
31	GENERAL NOTES
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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



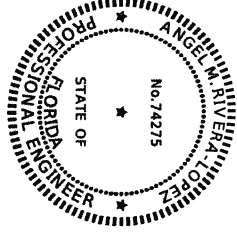
ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 ATKINS NORTH AMERICA, INC.
 482 S. KELLER ROAD
 ORLANDO, FL 32810
 MATTHEW H. ROBERTSON, P.E. NO. 83308

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

Sheet List Table

Sheet Number	Sheet Title
162 - 171	SIGNING & PAVEMENT MARKINGS



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ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 ATKINS NORTH AMERICA, INC.
 482 S. KELLER ROAD
 ORLANDO, FL 32810
 ANGEL M. LOPEZ, P.E. NO. 74275

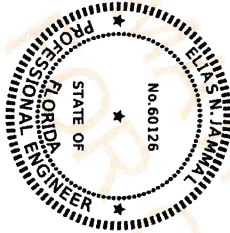
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28	PROJECT LAYOUT
29 - 30	PROJECT CONTROL
32 - 53	PLAN & PROFILE
54 - 56	CONTROL POINT TABLES
131 - 138	TEMPORARY TRAFFIC CONTROL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



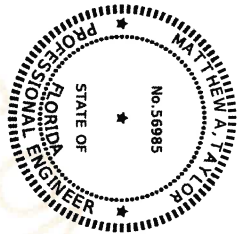
ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 TERRACON CONSULTANTS, INC.
 1675 LEE ROAD
 SUITE 200
 ELIAS N. JAMMAL, P.E. NO. 60126

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

Sheet List Table

Sheet Number	Sheet Title
2	SIGNATURE SHEET
172	ROADWAY SOIL SURVEY
173 - 175	REPORT OF AUGER BORINGS FOR PONDS
176 - 179	REPORT OF CORE BORINGS



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ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 ATKINS NORTH AMERICA, INC.
 482 S. KELLER ROAD
 ORLANDO, FL 32810
 MATTHEW H. ROBERTSON, P.E. NO. 56985

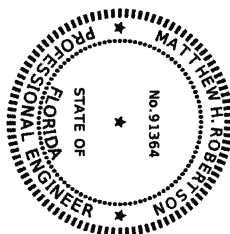
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

Sheet List Table

Sheet Number	Sheet Title
2	SIGNATURE SHEET
139 - 161	UTILITY ADJUSTMENTS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
 ATKINS NORTH AMERICA, INC.
 482 S. KELLER ROAD
 ORLANDO, FL 32810
 MATTHEW H. ROBERTSON, P.E. NO. 91364

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

Sheet List Table

Sheet Number	Sheet Title
2	SIGNATURE SHEET
ST-01	DATA TABLES OF BOX CULVERT
ST-02 - ST-04	REINFORCING BAR LIST

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

DATE	DESCRIPTION	DATE	DESCRIPTION
29/08/2023	PROFESSIONAL OF RECORD. CHRISTOPHER L. THOMPSON, P.E.# 62505 ATKINS NORTH AMERICA, INC. ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24	23/08/2023	SEMANOLE COUNTY ENGINEERING DIVISION COUNTY CIP NO. 01907077

DATE	DESCRIPTION	DATE	DESCRIPTION

USER: UJD23295

23/08/2023

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SUMMARY OF PAY ITEMS

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	
			PLAN	FINAL



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD: ANGEL M. RIVERA-LOPEZ, P. E. # 74275 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 29/08/2023	SHANNOLE COUNTY ENGINEERING DIVISION ROAD	COUNTY CIP NO. 08907077	SUMMARY OF PAY ITEMS (2)	SHEET NO. 4
						MIDWAY BASIN DRAINAGE IMPROVEMENTS			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120-1	REGULAR EXCAVATION	45198.00		POND 2-3	
120-6	EMBANKMENT	36.00			
120-1	REGULAR EXCAVATION	93905.00		POND 2-FCP	
120-6	EMBANKMENT	2319.00			
120-1	REGULAR EXCAVATION	4245.00		POND 2-5	
120-6	EMBANKMENT	51.00			
120-1	REGULAR EXCAVATION	108.00		LINCOLN DITCHES	
120-6	EMBANKMENT	31.00			
120-1	REGULAR EXCAVATION	7670.00		HUGHES ST DITCH	
120-6	EMBANKMENT	2892.00			
120-1	REGULAR EXCAVATION	3895.00		WASHINGTON ST DITCH	
120-6	EMBANKMENT	455.00			
REGULAR EXCAVATION TOTAL:		135021.00			
EMBANKMENT TOTAL:			5784.00		

SUMMARY OF PERFORMANCE TURF

LOCATION	SIDE	PERFORMANCE TURF		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
STA. TO STA.					
408+64.56 TO 413+27.77	LT		757		BEARDALL
419+40.00 TO 426+08.74	LT		1412		BEARDALL
438+60.00 TO 452+81.77	LT/RT		4808		BEARDALL
719+41.00 TO 726+74.00	LT		1909		CELERY
503+36.00 TO 526+65.73	LT/RT		7502		LINCOLN
700+08.65 TO 719+83.46	LT/RT		18665		HUGHES ST DITCH
600+20.00 TO 620+44.02	LT/RT		6017		WASHINGTON ST DITCH
POND 2-3			9641		
POND 2-5			1844		
POND 2-FCP			17125		SEED & MULCH
SUB-TOTAL:			69680		
TOTAL:			6327.3		

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD:	SEMANOLE COUNTY	SHEET NO.
					ANGEL M. RIVERA-LOPEZ, P.E. # 74275	EVANBARBARO DIVISION	5
					482 SOUTH KELLER ROAD	MIDWAY BASIN DRAINAGE IMPROVEMENTS	
					ORLANDO, FL 32810	COUNTY CIP NO. 01807077	
					CERTIFICATION OF AUTHORIZATION NO. 24		
					29/08/2023		
					9.5833 AM		
SUMMARY OF QUANTITIES (1)							

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION	SIDE	AREA ID	ARTIFICIAL COVERINGS		SEDIMENT BASIN		SEDIMENT BASIN CLEANOUT		SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS	
			SY	F	EA	F	EA	F	EA	EA	F	EA	EA	F	EA	EA	F				
504+40.00 - 526+80.00	LT																				
504+40.00 - 526+80.00	RT																				
408+40.00 - 413+40.00	LT																				
407+60.00 - 412+70.00	RT																				
419+80.00 - 426+00.00	LT																				
438+40.00 - 452+80.00	RT																				
452+20.00 - 452+80.00	LT																				
700+20.00 - 720+00.00	RT																				
726+80.00 - 731+40.00	LT																				
719+60.00 - 726+80.00	LT																				
600+20.00 - 620+60.00	LT/RT																				
626+60.00 - 631+20.00	RT																				
800+20.00 - 806+80.00	RT																				
SUB-TOTAL:																					
TOTAL:																					

SUMMARY OF MAILBOXES

STATION	SIDE	QUANTITY (EA)		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
441+43.62	RT	1		NORTH BEARDALL AVENUE	
518+03.05	LT	1		LINCOLN STREET	
SUB-TOTAL:		2			
TOTAL:		2			

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD:	SEMANOLE COUNTY	SHEET NO.
					ANGEL M. RIVERA-LOPEZ, P.E. # 74375	ENGINEERING DIVISION	6
					ATKINS NORTH AMERICA, INC.	ROAD	
					482 SOUTH KELLER ROAD	MIDWAY BASIN DRAINAGE IMPROVEMENTS	
					ORLANDO, FL 32810	COUNTY CIR NO.	
					CERTIFICATION OF AUTHORIZATION NO. 24	01907077	
					29/08/2023		
					9:58:34 AM		
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SUMMARY OF QUANTITIES (2)

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.	TO STA.			P	F	P	F		
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	441+20.00	451+40.00	RT	LF	1001.0				BEARDALL AVE.	
550-10-211	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	410+80.00	410+90.00	LT	LF	12.1					
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	507+55.00	508+10.00	LT	LF	53.4				LINCOLN ST.	
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	509+80.00	510+05.00	LT	LF	24.2					
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	603+00.00	603+50.00	RT	LF	39.8					
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	605+00.00	605+80.00	RT	LF	79.9				WASHINGTON ST. DITCH	
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	612+80.00	613+30.00	RT	LF	46.2					
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	615+60.00	617+40.00	RT	LF	168.8					
550-60-224	FENCE GATE, TYPE B, DOUBLE, 18.1-20.0' OPENING	700+40.00	700+40.00	LT	EA	1.0				HUGHES ST. DITCH	
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	700+40.00	707+80.00	LT	LF	728.7					
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES	708+40.00	719+55.00	LT	LF	1111.6					
	Total										
550-10-210	FENCING, TYPE B, 0.0-5.0', STANDARD FEATURES				LF	3265.7					
550-60-211	FENCE GATE, TYPE B, SINGLE, 0'-6.0' OPENING				EA						
550-60-222	FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING				EA						
550-60-224	FENCE GATE, TYPE B, DOUBLE, 18.1-20.0' OPENING				EA	1.0					
550-60-226	FENCE GATE, TYPE B, DOUBLE, 24.1-30.0' OPENING				EA						
550-60-424	FENCE GATE, WOOD, DOUBLE, 18.1-20.0 FOOT OPENING				EA						

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD:	ANGEL A RIVERA-LOPEZ, P.E. # 74275
	ATKINS NORTH AMERICA, INC.
	482 SOUTH KELLER ROAD
	ORLANDO, FL 32810
	CERTIFICATION OF AUTHORIZATION NO. 24
28/08/2023	9:58:33 AM

SEMIWOLE COUNTY	MIDWAY BASIN DRAINAGE IMPROVEMENTS
ENGINEERING DIVISION	
ROAD	
COUNTY CIP NO.	01907077

SUMMARY OF QUANTITIES (3)	
SHEET NO.	7

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS		
		STA. TO STA.	STA. TO STA.			GROSS LENGTH	DEDUCTIONS		NET LENGTH		TOTAL				
						TYPE	LENGTH	P	F	P	F				
0520-1-10	CONCRETE CURB & GUTTER, TYPE F	408+62.20 to 408+77.07	408+77.07 to 409+55.47	LT	LF		20			20		690		BEARDALL, CONCRETE FLUME	
				LT	LF		122			122				BEARDALL	
		410+02.03 to 413+27.87		LT	LF		402			402				BEARDALL	
		421+02.87 to 421+33.9		LT	LF		36			36				BEARDALL	
		421+63.56 to 421+94.81		LT	LF		37			37				BEARDALL	
		719+62.86 to 719+73.2		LT	LF		10			10				CELERY	
		203+79.27 to 203+48.00		RT/LT	LF		63			63				APALACHICOLA	
0520-3	VALLEY CUTTER-CONCRETE	421+02.87 to 421+94.81		LT	LF		23			5		19		BEARDALL	

SUMMARY OF DITCH PAVEMENT

LOCATION	SIDE	AREA ID	LENGTH	WIDTH	RIPRAP - RUBBLE (DITCH LINING)		BEDDING STONE (DITCH LINING)		DITCH PAVEMENT		ARTICULATING CONCRETE BLOCK REVENEMENT		DESIGN NOTES	CONSTRUCTION REMARKS
					P	TN	P	TN	P	F	P	F		
STA. TO STA.														
729+00.00 - 729+40.00	LT		31.0	16.0	39.70		14.30						HUGHEY ST. DITCH H-1 & H-4	
729+00.00 - 729+40.00	LT		31.0	5.0	12.50		4.50						HUGHEY ST. DITCH H-2 & H-3	
438+60.00 - 438+70.00	RT		5.0					2.80					BEARDALL B-12	
600+20.00 - 620+80.00	LT/RT		1940.0	55.0									WASHINGTON ST. DITCH	
801+00.00 - 801+20.00	RT		7.0	7.0	3.90		1.40			2.8			CS-01. POND 2-3	
SUB-TOTAL:					56.10		20.20		2.8			7850.0		
					TOTAL:	56.1		20.2		2.8		7850.0		

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION		DATE		DESCRIPTION		DATE		DESCRIPTION		DATE		DESCRIPTION	

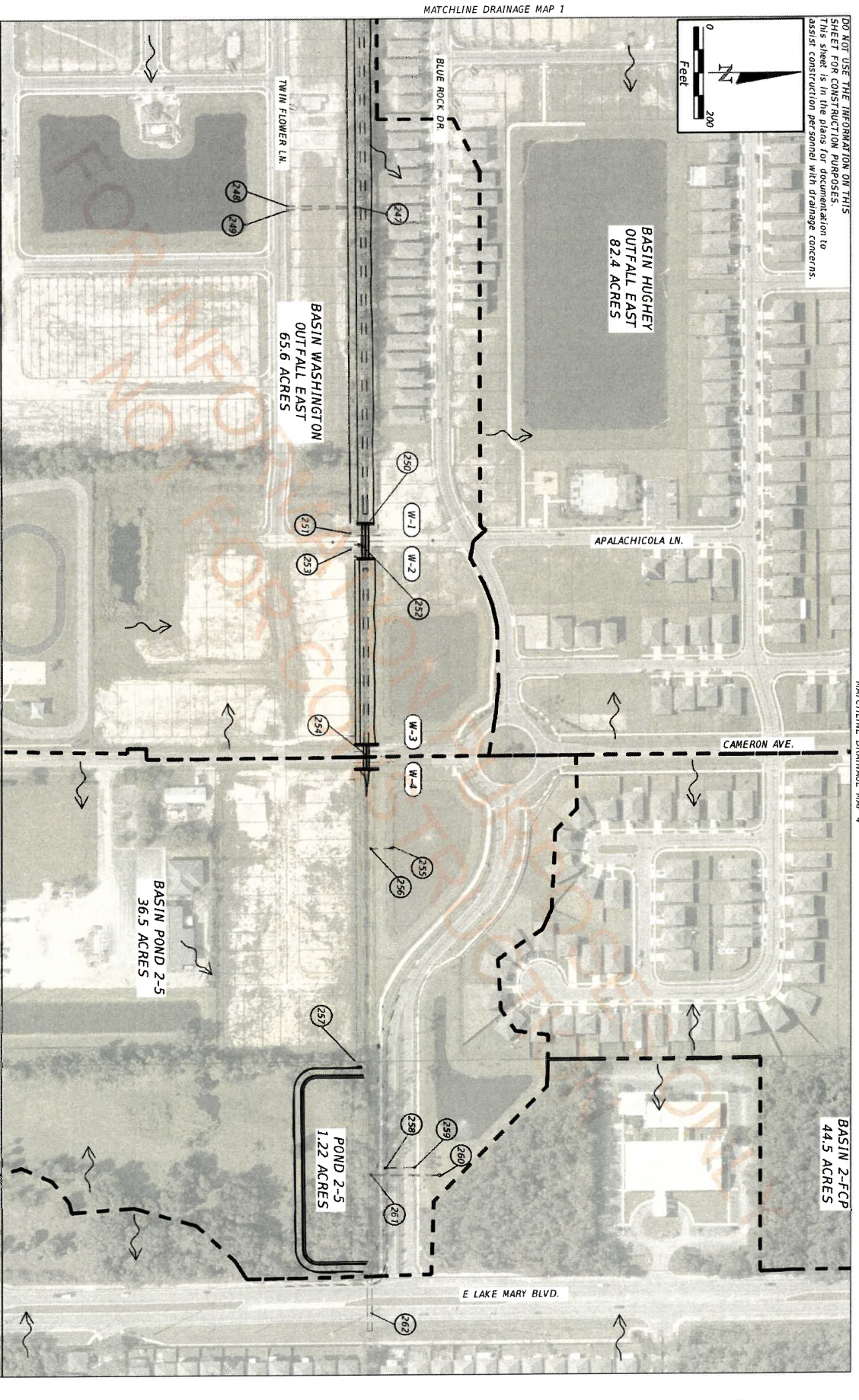
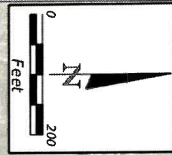
PROFESSIONAL OF RECORD:
 ANGEL M. RIVERA-RODRIGUEZ, P.E. # 74275
 ATYNS NORTH AMERICA, INC.
 ORLANDO, FL 32810
 CERTIFICATION OF AUTHORIZATION NO. 24
 29/08/2023

SEMIWOLE COUNTY ENGINEERING DIVISION
 MIDWAY BASIN DRAINAGE IMPROVEMENTS
 COUNTY CIR. NO. 0190707

SUMMARY OF QUANTITIES (4)

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DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. This sheet is in the plans for documentation to assist construction personnel with drainage concerns.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD	TOWNSHIP 19S, RANGE 31E, SECTION 33	TOWNSHIP 19S, RANGE 31E, SECTION 33	SHEET NO.
					CARSTOPHER L. THOMPSON, P.E. # 62905 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 8/10/2023	SEMIWOLE COUNTY ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS	DRAINAGE MAP 03	14

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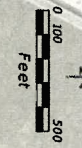
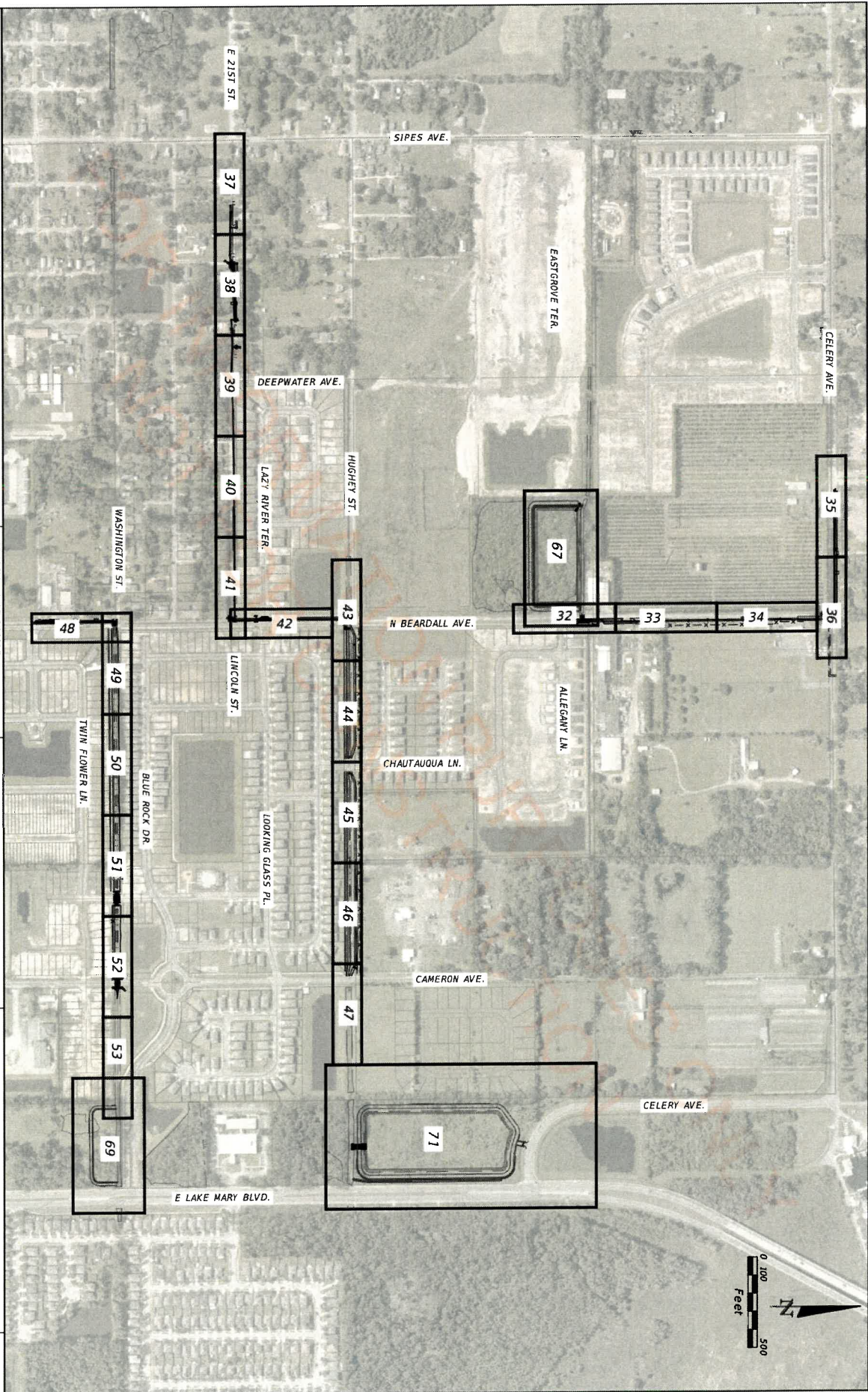
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD	SEMINOLE COUNTY ENGINEERING DIVISION	SUPPLEMENTAL DRAINAGE DATA 01	SHEET NO.
					CHRISTOPHER L. THOMPSON, P.E. # 62505 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	MIDWAY BASIN DRAINAGE IMPROVEMENTS		17

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200	12" PVC E INV=22.29 W INV=22.54							
201	15" PVC E INV=19.98 W INV=21.71							
202	YARD DRAIN GRATE EL.=22.18 N INV/4" PVC=21.49 S INV/4" PVC=21.59							
203	24" PVC INV=19.22 MES							
204	MES 24" RCP INV=18.51							
205	MES 24" RCP INV=18.77							
206	MES 24" RCP INV=18.64							
207	MES E INV/24" RCP=18.18							
208	MES W INV/24" RCP=18.00							
209	MES E INV/24" RCP=17.67							
210	CATCH BASIN GRATE EL.=20.12 N INV/30" RCP=16.97 S INV/30" RCP=16.97							
211	CATCH BASIN GRATE EL.=18.89 S INV/30" RCP=17.02							
212	CATCH BASIN GRATE EL.=20.06 N INV/30" RCP=17.09 S INV/18" RCP=17.36							
213	DRAINAGE MANHOLE N INV/18" RCP=17.44 S INV/18" RCP=17.78 W INV/24" RCP=17.53							
214	CATCH BASIN GRATE EL.=21.37 S INV/18" RCP=16.91							
215	CATCH BASIN GRATE EL.=21.15 NE INV/18" RCP=16.40 S INV/18" RCP=17.81 W INV/8" PVC=16.53							
216	CONCRETE HEADWALL AT BACK OF SIDEWALK W INV/72" RCP=13.98							
217	MES S INV/18" RCP=17.32							
218	CATCH BASIN GRATE EL.=22.03 N INV/18" RCP=17.72							
219	18" RCP S INV=19.10							
220	DRAINAGE MANHOLE N INV/18" RCP=19.10 S INV/18" RCP=19.12							
221	CATCH BASIN GRATE EL.=22.62 NO VISIBLE PIPES FULL OF WATER BOTTOM EL.=18.97							
222	MES N INV/18" RCP=19.76							
223	MES S INV/15" RCP=19.83							
224	MES N INV/15" RCP=19.64							
225	CATCH BASIN GRATE EL.=23.11 NO VISIBLE PIPES FULL OF WATER BOTTOM EL.=19.18							
226	CATCH BASIN W/ SKIMMER GRATE EL.=19.00 E INV/36" PVC=14.22 W INV/8" RCP=17.84							
227	DRAINAGE MANHOLE RIM EL.=18.74 E INV/36" PVC=13.64							
228	CATCH BASIN GRATE EL.=19.08 N INV/36" PVC=13.83 W INV/36" RCP=14.07							
229	36" DIP E INV=14.73 W INV=14.95							
230	CATCH BASIN GRATE EL.=17.76 W INV/36" PVC=13.51							
231	24" CMP INV EL.=12.05							
232	CATCH BASIN GRATE EL.=16.62 UNABLE TO REACH INVERTS, PIPES RECESSED							
233	48" PVC INV EL.=12.37							
234	DRAINAGE MANHOLE RIM EL=18.02 BOTTOM EL.=12.46 UNABLE TO REACH INVERTS, PIPES RECESSED							
235	24" RCP INV EL.=12.77							
236	24" DIP N INV=13.64 S INV=14.17							
237	MES S INV/36" RCP=13.11							
238	DRAINAGE MANHOLE RIM EL.=17.66 N INV/36" RCP=12.40 N INV/36" RCP=12.40 INVERT, PIPE RECESSED							
239	MES N INV/36" RCP=12.67							
240	24" DIP N INV=14.12 S INV=14.06							
241	18" RCP N INV=17.35 S INV=16.60							
242	CATCH BASIN GRATE EL.=18.86 E INV/24" RCP=16.63 W INV/6" PVC=16.64							
243	CATCH BASIN GRATE EL.=19.48 N INV/18x24" ERC=16.18 W INV/24" RCP=16.44							
244	32x60" ERCP E INV=15.05 W INV=15.56							
245	CATCH BASIN GRATE EL.=18.14 N INV/6" PVC=14.98 S INV/24" RCP=14.30							
246	MES INV/24" RCP=14.08							
247	MES S INV/24" RCP=NEED INFO S INV/24" RCP=NEED INFO							
248	DRAINAGE MANHOLE RIM EL.=21.77 N INV/24" RCP=15.27 UNABLE TO REACH S INV, PIPE RECESSED							
249	DRAINAGE MANHOLE RIM EL.=21.82 N INV/24" RCP=15.32 S INV, PIPE RECESSED							
250	36" RCP STORM PIPE E INV=14.28 W INV=14.29							
251	36" RCP STORM PIPE E INV=14.22 W INV=14.32							
252	36" RCP STORM PIPE E INV=14.29 W INV=14.31							
253	DRAINAGE MANHOLE RIM EL.=20.19 NO PIPES VISIBLE FULL OF WATER BOTTOM EL.=9.61							
254	DRAINAGE MANHOLE RIM EL.=19.72 S INV/30" RCP=14.67 E INV/36" RCP=14.36 W INV/36" RCP=14.14							
255	DRAINAGE MANHOLE RIM EL.=20.17 NO PIPES VISIBLE FULL OF WATER BOTTOM EL.=9.66							
256	48"x60" ERCP E INV=13.34 W INV=13.40							
257	CATCH BASIN W/ SKIMMER SKIMMER EL.=17.34 N INV/6" PVC=14.78 S INV/24" RCP=14.25							
258	MES N INV/24" RCP=12.97							
259	18" CMP E INV=11.21 S INV=11.39							
260	DRAINAGE MANHOLE RIM EL.=15.63 N INV/15" RCP=13.37							
261	DRAINAGE MANHOLE RIM EL.=15.27 S INV/24" RCP=12.73							
262	31X10 BOX CULVERT E INV=11.02 W INV=11.05							
263	36"x27" BOX CULVERT E INV=12.50 W INV=12.67							
264	6" PVC N INV=14.71							
265	36" RCP E INV=14.46 W INV=14.80							
266	12" RCP S INV=13.59							
267	MES N INV/12" CMP=13.61							
268	12" CMP INV EL.=15.46							
269	SMITARY MANHOLE RIM EL.=19.77 S INV/12" DIP=8.67 S INV/12" DIP=8.46							
270	60"x84" BOX CULVERT E INV=13.46 W INV=13.46							
271	CATCH BASIN GRATE EL.=15.24 N INV/24" RCP=12.72 S INV/6" PVC=14.42							
272	MES S INV/24" RCP=12.42							
273	MES N INV/24" RCP=12.28							
274	CATCH BASIN GRATE EL.=15.60 N INV/6" PVC=13.46 S INV/24" RCP=13.02							
275	CATCH BASIN GRATE EL.=13.40 S INV/18" RCP=9.82							
276	DRAINAGE MANHOLE RIM EL.=15.59 S INV/18" RCP=9.84 W INV/18" RCP=9.82							
277	CURB INLET GRATE EL.=14.28 BOTTOM EL.=7.77 UNABLE TO OBTAIN INVERTS, STRUCTURE FULL OF WATER/DEBRIS							

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	QUANTITY		STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN														MANHOLES	DITCH BOTTOM INLETS				MITERED END SECTIONS					ENKWALL				
					PVC	ROUND						ELLIP.	CBC	J-7	P-8	J-8	D	D-J	H	18"	24"	36"	24"x 36"	43"x 60"	30"x 48"		5'x4"	6'x5.5"												
					P L-12	509+98.28	RT			INLET, PIPE	1	8"	18"	24"	30"	36"	48"	72"	18"x 30"	24"x 36"	43"x 60"	5'x4"	6'x5.5"																	
					P L-13	509+98.31	LT			MANHOLE, PIPE	1															1														
					P L-14	509+98.34	LT			INLET, PIPE	1																													
					P L-15	511+50.00	LT			INLET, PIPE	1																													
					P L-16	511+50.00	RT			INLET, PIPE	1																													
					P L-17	512+92.87	RT			INLET, PIPE	1																													
					P L-18	515+19.99	LT			INLET, PIPE	1																													
					P L-19	518+20.04	LT			INLET, PIPE	1																													
					P L-20	521+07.35	LT			INLET, PIPE	1																													
					P L-21	523+85.93	LT			INLET, PIPE	1																													
					P L-22	525+71.56	LT			INLET, PIPE	1																													
					P W-1	614+85.27	LT			ENKWALL, CBC	2																													
					P W-2	615+62.03	RT			ENKWALL	2																													
					P W-3	619+67.21	RT			ENKWALL, CBC	2																													
					P W-4	620+21.20	LT			ENKWALL	2																													
					P B-11	700+42.85	RT			MES	1																													
					P B-10	425+98.13	RT			INLET, PIPE	1																													
					P HO-1	701+32.98	LT			MES	1																													
					SHEET SUBTOTALS					PLAN QUANTITY	0	368	1366	0	0	0	0	0	0	0	0	0	10	108	154	0	1	0	9	1	0	0	1	0	0	1	0	0	2	2
					FINAL QUANTITY																																			


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD:	SEMANOLE COUNTY ENGINEERING DIVISION	COUNTY CIR NO.	SHEET NO.
					CHRISTOPHER L THOMPSON, P.E.# 62505	MIDWAY BASIN DRAINAGE IMPROVEMENTS	01907077	26
					ATKINS NORTH AMERICA, INC.			
					482 SOUTH KELLER ROAD			
					ORLANDO, FL 32810			
					CERTIFICATION OF AUTHORIZATION NO. 24			
					28708/2023			
					015:539 PM			
					SUMMARY OF DRAINAGE STRUCTURES (5)			



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD: ANGEL M. RIVERA-GOMEZ, P.E. # 14275 ATYNS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24	SEMIWOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS	01907077 COUNTY CIP NO.
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PROJECT LAYOUT	SHEET NO. 28
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LEGENDS:
 CONTROL POINT 

SURVEY NOTES:

1. FIELD WORK COMPLETED BY ATIKINS NORTH AMERICA ON OCTOBER 11, 2022.
2. THE HORIZONTAL LOCATIONS FOR THIS SURVEY WERE BASED UPON THE FLORIDA STATE PLANE COORDINATE SYSTEM FLORIDA EAST ZONE 0801 MAD 83 USING THE SAFFORD FOOT CORN STATION. THE TOPOGRAPHIC FEATURES SHOWN WERE LOCATED USING A COMBINATION OF GPS AND CONVENTIONAL SURVEY METHODS.
3. ELEVATIONS SHOWN ARE BASED UPON SEMINOLE COUNTY VERTICAL DATUM AND THE FOLLOWING VERTICAL CONTROL POINTS:
 SEMINOLE COUNTY BENCH MARK NO. 5086301
 FOUND P.K. NAIL AND SEMINOLE COUNTY DISK IN CATCH BASIN NAMD 1988 ELEVATION 26.828'
 SEMINOLE COUNTY BENCH MARK NO. 3197401
 FOUND P.K. NAIL AND SEMINOLE COUNTY DISK STAMPED "319.7401" NAMD 1988 ELEVATION 31.122'
 SEMINOLE COUNTY BENCH MARK NO. 2615801
 FOUND P.K. NAIL AND SEMINOLE COUNTY DISK STAMPED "2615.801" NAMD 1988 ELEVATION 19.862'
4. THIS TOPOGRAPHIC SURVEY WAS PREPARED IN CONFORMANCE WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 55-17, FLORIDA STATUTES. THIS SURVEY REPRESENTS THE RESULTS OF A FIELD SURVEY ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS A REPRESENTATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.
5. SOME OF THE IMPROVEMENTS THAT WERE LOCATED WITHIN THIS PROJECT INDICATE THAT THERE ARE SOME INCONSISTENCIES WITH THE APPARENT LIMITS OF THE OCCUPIED AND PERFORATED NIGHTS-OF-WAIT AND NIGHTS-OF-WAIT THAT ARE SHOWN ON THE RECORDED PLANS.
6. THE SYMBOLS INDICATED IN THE LEGEND AND SHOWN ON THIS SURVEY MAY HAVE BEEN ENLARGED FOR CLARITY. THESE SYMBOLS HAVE BEEN PLOTTED AT THE CENTER OF THE FIELD LOCATION AND MAY NOT REPRESENT THE ACTUAL SHAPE OR SIZE OF THE FEATURE. FENCES AND WALL DIMENSIONS ARE APPROXIMATE. THE SURVEYOR DID NOT DETERMINE OWNERSHIP OF WALLS AND FENCES.



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD: ATIKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 20/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 01907017	PROJECT CONTROL 01	SHEET NO. 29
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CONTROL POINT TABLE

TBM#	(Y)	(X)	(Z)	BASELINE	STATION	OFFSET	DESCRIPTION
30000	1,620,123.04'	584,861.26'	22.98'	N BEARDALL AVE	412+71.76	32.42	SET 1/2" IRC "L&S TRAV LB 7829"
30033	1,624,132.94'	584,821.35'	15.76'	N BEARDALL AVE	422+81.85	17.50	SET N&D "L&S TRAV LB 7829"
30051	1,619,632.65'	584,860.58'	23.41'	N BEARDALL AVE	407+81.27	28.56	SET N&D "L&S TRAV LB 7829"
30054	1,622,374.51'	584,849.19'	13.06'	N BEARDALL AVE	435+23.30	34.33	SET N&D "L&S TRAV LB 7829"
30055	1,622,870.62'	584,795.90'	17.11'	N BEARDALL AVE	440+19.71	-15.79	SET N&D "L&S TRAV LB 7829"
30056	1,623,291.05'	584,821.58'	16.01'	N BEARDALL AVE	444+30.84	12.52	SET 1/2" IRC "L&S TRAV LB 7829"
30057	1,623,711.16'	584,793.25'	15.50'	N BEARDALL AVE	448+60.23	-13.22	SET 1/2" IRC "L&S TRAV LB 7829"
30058	1,624,169.28'	583,875.27'	15.10'	CELENY AVE	718+32.37	-28.78	SET 1/2" IRC "L&S TRAV LB 7829"
30059	1,624,164.67'	584,402.27'	15.92'	CELENY AVE	722+59.35	-23.29	SET 1/2" IRC "L&S TRAV LB 7829"
30089	1,620,193.82'	587,966.39'	18.05'	WASHINGTON ST	631+35.44	-10.45	SET N&D "L&S TRAV LB 7829"
30090	1,620,000.70'	587,966.39'	18.76'	E LAKE MARY BLVD	811+65.98	-54.15	SET N&D "L&S TRAV LB 7829"
30091	1,620,204.70'	587,462.98'	17.50'	WASHINGTON ST	626+35.81	-26.20	SET N&D "L&S TRAV LB 7829"
30092	1,620,213.32'	586,962.83'	18.99'	WASHINGTON ST	621+35.52	-34.51	SET 1/2" IRC "L&S TRAV LB 7829"
30093	1,620,206.86'	586,462.87'	20.62'	WASHINGTON ST	616+34.46	-29.28	SET 1/2" IRC "L&S TRAV LB 7829"
30094	1,620,191.93'	586,407.01'	19.21'	WASHINGTON ST	611+78.86	-9.76	SET 1/2" IRC "L&S TRAV LB 7829"
30095	1,620,188.79'	584,981.51'	20.91'	WASHINGTON ST	601+53.57	-16.11	SET 1/2" IRC "L&S TRAV LB 7829"
30096	1,620,189.88'	585,494.79'	20.40'	WASHINGTON ST	606+66.34	-13.13	SET 1/2" IRC "L&S TRAV LB 7829"
30097	1,620,834.97'	582,319.57'	25.71'	E 21ST ST	501+71.19	-5.44	SET 1/2" IRC "L&S TRAV LB 7829"
30098	1,620,838.29'	582,817.87'	25.39'	E 21ST ST	506+69.58	-7.71	SET N&D "L&S TRAV LB 7829"
30100	1,620,841.24'	583,317.64'	24.08'	E 21ST ST	511+69.31	-9.81	SET N&D "L&S TRAV LB 7829"

CONTROL POINT TABLE

TBM#	(Y)	(X)	(Z)	BASELINE	STATION	OFFSET	DESCRIPTION
30101	1,620,822.26'	583,818.28'	23.00'	E 21ST ST	516+87.12	-7.33	SET N&D "L&S TRAV LB 7829"
30102	1,620,826.46'	584,318.06'	22.09'	E 21ST ST	521+86.94	-10.71	SET N&D "L&S TRAV LB 7829"
30103	1,620,837.72'	584,809.48'	20.01'	N BEARDALL AVE	419+86.82	-14.89	SET N&D "L&S TRAV LB 7829"
30104	1,621,180.00'	584,791.98'	20.87'	N BEARDALL AVE	423+29.17	-30.34	SET N&D "L&S TRAV LB 7829"
30105	1,621,483.99'	584,828.37'	19.75'	N BEARDALL AVE	426+32.93	7.97	SET N&D "L&S TRAV LB 7829"
30106	1,621,486.74'	585,328.92'	18.85'	HUGHES ST	705+08.39	-23.28	SET 1/2" IRC "L&S TRAV LB 7829"
30107	1,621,481.23'	585,828.78'	18.42'	HUGHES ST	710+08.32	-15.22	SET 1/2" IRC "L&S TRAV LB 7829"
30108	1,621,477.44'	586,327.80'	17.63'	HUGHES ST	715+07.22	-11.27	SET 1/2" IRC "L&S TRAV LB 7829"
30109	1,621,481.78'	586,824.81'	19.50'	HUGHES ST	720+04.22	-19.61	SET N&D "L&S TRAV LB 7829"
30110	1,621,529.28'	587,324.72'	17.74'	HUGHES ST	725+04.97	-62.70	SET 1/2" IRC "L&S TRAV LB 7829"
30111	1,621,839.23'	587,456.02'	20.90'	E LAKE MARY BLVD	831+07.30	-554.10	SET 1/2" IRC "L&S TRAV LB 7829"
30112	1,622,412.25'	587,466.75'	20.44'	E LAKE MARY BLVD	835+80.29	-546.79	SET 1/2" IRC "L&S TRAV LB 7829"
30113	1,622,879.53'	587,532.07'	19.75'	E LAKE MARY BLVD	839+89.32	-490.13	SET N&D "L&S TRAV LB 7829"
30114	1,622,492.21'	587,848.36'	15.80'	E LAKE MARY BLVD	836,58.12	-158.78	SET N&D "L&S TRAV LB 7829"
30115	1,622,015.57'	587,953.34'	15.98'	E LAKE MARY BLVD	831+81.03	-56.39	SET N&D "L&S TRAV LB 7829"
30116	1,621,516.65'	587,956.21'	16.55'	E LAKE MARY BLVD	826+82.01	-56.27	SET N&D "L&S TRAV LB 7829"

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD:
ANGEL M. RIVERA-LOPEZ, P.E. # 74275
ATKINS NORTH AMERICA, INC.
482 SOUTH KELLER ROAD
ORLANDO, FL 32810
CERTIFICATION OF AUTHORIZATION NO. 24
28/08/2023 9:37:41 PM

SEMINOLE COUNTY
ENGINEERING DIVISION
ROAD
MIDWAY BASIN DRAINAGE IMPROVEMENTS
COUNTY CIP NO. 0190707

PROJECT CONTROL 02

SHEET NO. 30

GENERAL NOTES

- GRADES SHOWN ARE FINISHED GRADES.
- B.M. DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988. (NAD88)
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CURRENT STATE OF FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT AND/OR RELATED STATE LAW. THE FOLLOWING INFORMATION IS BEING PROVIDED BY SEMINOLE COUNTY IN AN EFFORT TO ASSIST THE CONTRACTOR BY LISTING UTILITIES THAT MAY PROVIDE SERVICE IN THE APPROXIMATE AREA OF LISTED MAN PROVIDE SERVICE IN THE APPROXIMATE AREA OF PROPOSED CONSTRUCTION.
UTILITY OWNERS:
FLORIDA POWER & LIGHT CITY OF SEMINOLE
UTILITIES DEPARTMENT
SEWER WATER JOHN SMITH
CHRISTOPHER BUONANNI (407) 488-5513
(386) 254-2260 DEBORAH COLE, PE
MELER WISE
MIDWAY CANYON COMMUNITY AT&T DISTRIBUTION
WATER ASSOCIATION, INC. TELEPHONE (386) 366-5898
(407) 323-1714 KARI STENGER
GLORIA BLAKE
TECO PEOPLES CENTURYLINK/UMEN
GAS TELEPHONE (407) 830-3650
(407) 420-6663 DINA DOMINGUEZ
SHAWN WINSON
MCI COMMUNICATION, FIBER
NATIONAL FIBER SECURITY DEPT.
RAYMOND PHILLIPS, PSM (600) 624-9675
(407) 665-5647 RHILLIPS@SEMINOLECOUNTY.FL.GOV
COUNTY SURVEYOR
- FOLLOW THE DETAILS IN THIS PLAN SET WHEN CURB RAMP DESIGN DEVIATES FROM THE FOOT CURB RAMP TYPE CALLED OUT.
- ANY RIGHT LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE COUNTY LOCATION SURVEYOR WITHOUT DELAY BY TELEPHONE.
- ALL MATERIALS CONSTRUCTION, INSPECTION, AND TESTS SHALL AS A MINIMUM CONFORM TO FOOT STANDARD SPECIFICATIONS, AND SUPERSEDES THEMETS, AND TO SPECIAL PROVISIONS FOR THIS PROJECT.
- ALL SHOP DRAWINGS MUST BE APPROVED BY THE ENGINEER OF RECORD (EOR) PRIOR TO FABRICATION.
- PERMANENT TURNOUTS AND DRIVEWAY CONNECTIONS TO PRIVATE PROPERTY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TURNOUT DETAILS AND STATE STANDARD SPECIFICATIONS REFERENCED ON THE KEY SHEET OF THESE PLANS. THE COUNTY OR THE COUNTY'S CONTRACTOR SHALL NOT ISOLATE ADJACENT AND/OR REMAINDER PROPERTY UNLESS ACCESS RIGHTS ARE ACQUIRED. ACCESS SHALL BE PROVIDED TO SUCH PROPERTY WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS.
- ALL SURVEY INFORMATION WAS OBTAINED FROM THE LISTED ABOVE. FLORIDA PROFESSIONAL SURVEYOR AND MAPPER NO. 0661
THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROPERTY. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
SHERRY LEE MANOR, P.S.M.
FLORIDA REGISTERED SURVEYOR AND MAPPER NO. 117
480 STATE ROAD 436, SUITE 117
SEMPER PARCELS, SUITE 300
BUSINESS LICENSE NUMBER: LB7829

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

USER: UID42395

- ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THE CONSTRUCTION WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING PRE-CONSTRUCTION CONDITION, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. COST TO BE INCURRED TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION TO BE ALLOWED.
- CONSTRUCTION SHALL INCLUDE REPAIRING WITH MATCHING MATERIALS ALL DRIVEWAYS, STAIRS, CURBS, ETC. THAT ARE DAMAGED OR REMOVED DUE TO CONSTRUCTION AND WORK SHALL BE COORDINATED WITH PROPERTY OWNERS.
- ANY DAMAGE PROBLEMS, CAUSED BY CONSTRUCTION OR EXISTING BEFORE CONSTRUCTION THAT ARE NOT ALLEVIATED SHOULD BE BROUGHT TO THE ATTENTION OF THE SEMINOLE COUNTY ENGINEERING DIVISION PROJECT MANAGER. AN GRASSED AREA OUTSIDE THE IMMEDIATE CONSTRUCTION AREA DISTURBED BY THE CONTRACTOR WILL BE SOODED AT THE CONTRACTOR'S EXPENSE.
- ONE WEEK PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO OBTAIN A NEW UTILIZATION PERMIT FROM SEMINOLE COUNTY PUBLIC WORKS, ENGINEERING DEPARTMENT, 1000 N. WASHINGTON, SUITE 300, SEMINOLE, FL 32771. TELEPHONE: 407-665-5874. PERMIT FEE WILL BE WAIVED.
- IRRIGATION LINES DAMAGED DURING CONSTRUCTION ARE TO BE REPAIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE THE DAMAGED IRRIGATION COMPONENTS TO PRE-CONSTRUCTION CONDITION AT CONTRACTOR'S EXPENSE PRIOR TO COMPLETION OF THE PROJECT.
- NO VIBRATOR CONSTRUCTION SHALL BE USED ON THE PROJECT, INCLUDING ON EARTHWORK OR RECONSTRUCTION OUTSIDE THE ROADWAY SURFACE PAVING LIMITS.
- CONSTRUCT CONCRETE SIDEWALKS WITH A GROSS SLOPE OF 2.0% OR FLATTER. ALL UTILITY UTILITY LINES SHALL NOT EXCEED 1.00 1/8% AND CURB RAMP SHALL NOT EXCEED 1:12 (8.33%).
- A MINIMUM OF TWO FEET ON BOTH SIDES OF THE SIDEWALK SHALL BE RESSODED AND ALL DISTURBED AREAS WILL BE RESSODED TO MATCH THE EXISTING TYPE OF 500. UNLESS OTHERWISE NOTED IN THE PLANS.
- UNLESS OTHERWISE NOTED, ALL PIPE SHALL BE 80% CLASS III, 80% PIPE SHALL BE OR EQUIVALENT, FOLLOWING REVIEW AND APPROVAL BY THE COUNTY.
- CAUTION, OVERHEAD AND UNDERGROUND UTILITIES, INCLUDING GAS MAIN, IN AREAS OF CONSTRUCTION.
- PIPE LENGTHS SHOWN ON PLANS ARE MEASURED FROM CENTER TO CENTER.
- ANY MALIBOX CONFLICTING WITH THE CONSTRUCTION OF THE PROJECT IS TO BE RELOCATED BY THE CONTRACTOR IN ACCORDANCE WITH FOOT STD. PLANS INDEX NO. 110-200. NEW LOCATIONS TO BE COORDINATED WITH LOCAL POST OFFICE. REPLACEMENTS OF MALIBOXES SHALL HAVE MINIMUM 3" HIGH NUMBERS RELOCATED ON BOTH SIDES OF THE MALIBOX, PER SEMINOLE COUNTY ORDINANCE 90.5 (6) PER USFS DO 412.4. IF THE BOX IS ON A DIFFERENT STREET FROM THE CUSTOMER'S RESIDENCE, THE STREET NAME AND HOUSE NUMBER SHALL BE INSCRIBED.
- THE CONTRACTOR SHALL GIVE THE POSTMASTER OF THE DELIVERER ROUTE(S) WRITTEN NOTICE OF PROJECT CONSTRUCTION 7 DAYS TO THE BEGINNING OF WORK, WITH SATURDAYS, AND HOLIDAYS EXCLUDED.

CURB RAMP NOTES

- MAINTAIN A MINIMUM LONGITUDINAL GRADE OF 0.3% IN AREAS OF RECONSTRUCTED CURBING. EXISTING DRAINAGE PATTERNS TO BE MAINTAINED. COORDINATE WITH SEMINOLE COUNTY ENGINEERING INSPECTOR IF EXISTING CONDITIONS DO NOT ALLOW EXISTING PATTERNS TO BE MAINTAINED.
- ALL CONCRETE SIDEWALK AND CURB RAMP SHALL MEET ADA REQUIREMENTS. ADA COMPLIANCE SHALL BE VERIFIED BY THE COUNTY ENGINEERING INSPECTOR. UNLESS OTHERWISE NOTED, CURB RAMP OR SIDEWALK MEETS THE SIDE STREET PER FOOT STANDARD PLAN INDEX 522-002.

PROFESSIONAL OF RECORD	CERTIFICATION OF AUTHORIZATION NO.	DATE
CHRISTOPHER L. THOMPSON, P.E. # 62505	28708/2023	5/18/2018 PM

USER: UID42395

EROSION CONTROL NOTES

- PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES CONSISTING OF STAKED SILT FENCES AND ADDITIONAL MEASURES AS NECESSARY. UTILIZING INDUSTRY STANDARD BEST MANAGEMENT PRACTICES AND FOLLOWING REQUIREMENTS BELOW, TO AVOID ADVERSE IMPACTS TO JURISDICTIONAL AREAS (WETLANDS, WATER BODIES, AND UPLAND BUFFERS) AND UP SITE LANDS AND WATER BODIES. MAINTAIN THESE MEASURES UNTIL CONSTRUCTION ACCEPTANCE BY SEMINOLE COUNTY AND THEN REMOVE AND LEGALLY DISPOSE OF SAID MEASURES.
- NO DISCHARGE OF CONTAMINANTS INTO ADJACENT WETLANDS, WATER BODIES, OR UPLAND BUFFERS WILL BE PERMITTED AT ANY TIME.
- DAMAGE TO WETLANDS AND/OR UPLAND BUFFERS ADJACENT TO CONSTRUCTION AREAS SHALL BE PREVENTED BY DELINEATING THE LIMITS OF CONSTRUCTION, AND INSTALLING SEDIMENT BARRIERS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THEREBY RETAINING SEDIMENT WITHIN THE CONSTRUCTION AREA. CONTRACTOR WILL BE REQUIRED TO ADEQUATELY MAINTAIN THESE PROTECTION MEASURES AT ALL TIMES.
- EROSION CONTROL AND DUST CONTROL SHALL BE MAINTAINED WITHIN CONSTRUCTION AREAS BY QUICKLY STABILIZING DISTURBED AREAS TO PREVENT THE RELEASE OF PERIODIC WATERING, AND OTHER BEST MANAGEMENT PRACTICES WHICH ARE ACCEPTABLE TO THE SEMINOLE COUNTY ENGINEERING INSPECTOR AND REGULATORY AGENCIES.
- TURBIDITY BARRIERS SHALL BE USED TO PREVENT RELEASE OF SEDIMENT AND/OR TURBID WATER INTO SURROUNDING WATERS. THESE SEDIMENT AND TURBIDITY BARRIERS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY OR RELOCATE THE SILT FENCE (WITH SEMINOLE COUNTY'S PRIOR APPROVAL) TO ALLOW FOR ITS ACCESS AND TO COMPLETE CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ADEQUATE EROSION CONTROL AT ALL TIMES.
- ALL EROSION PREVENTION AND CONTROL MEASURES MUST BE INSPECTED AND APPROVED BY THE COUNTY COMPLIANCE PERSONNEL AS REQUIRED, PRIOR TO ANY CONSTRUCTION ACTIVITIES. REMOVAL OF THESE SAME EROSION CONTROLS AND PREVENTION MEASURES MAY BE DONE ONLY AFTER AUTHORIZATION BY COUNTY PERSONNEL IS OBTAINED.
- ALL SURFACE WATER DISCHARGE FROM SITE, INCLUDING DEWATERING DISCHARGE, SHALL BE CONFINED TO A DESIGNATED QUALITY STANDARDS PRIOR TO REACHING ANY WATERS OF THE STATE INCLUDING WETLANDS.
- ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION WITHIN THE STORM DRAINAGE PIPE SYSTEM SHALL BE REMOVED WITHOUT PUMPING OR FLUSHING. STORM DRAINAGE SYSTEM SHALL BE CLEARED AND FREE OF DEBRIS PRIOR TO ENGINEERS/INSPECTORS ACCEPTANCE.

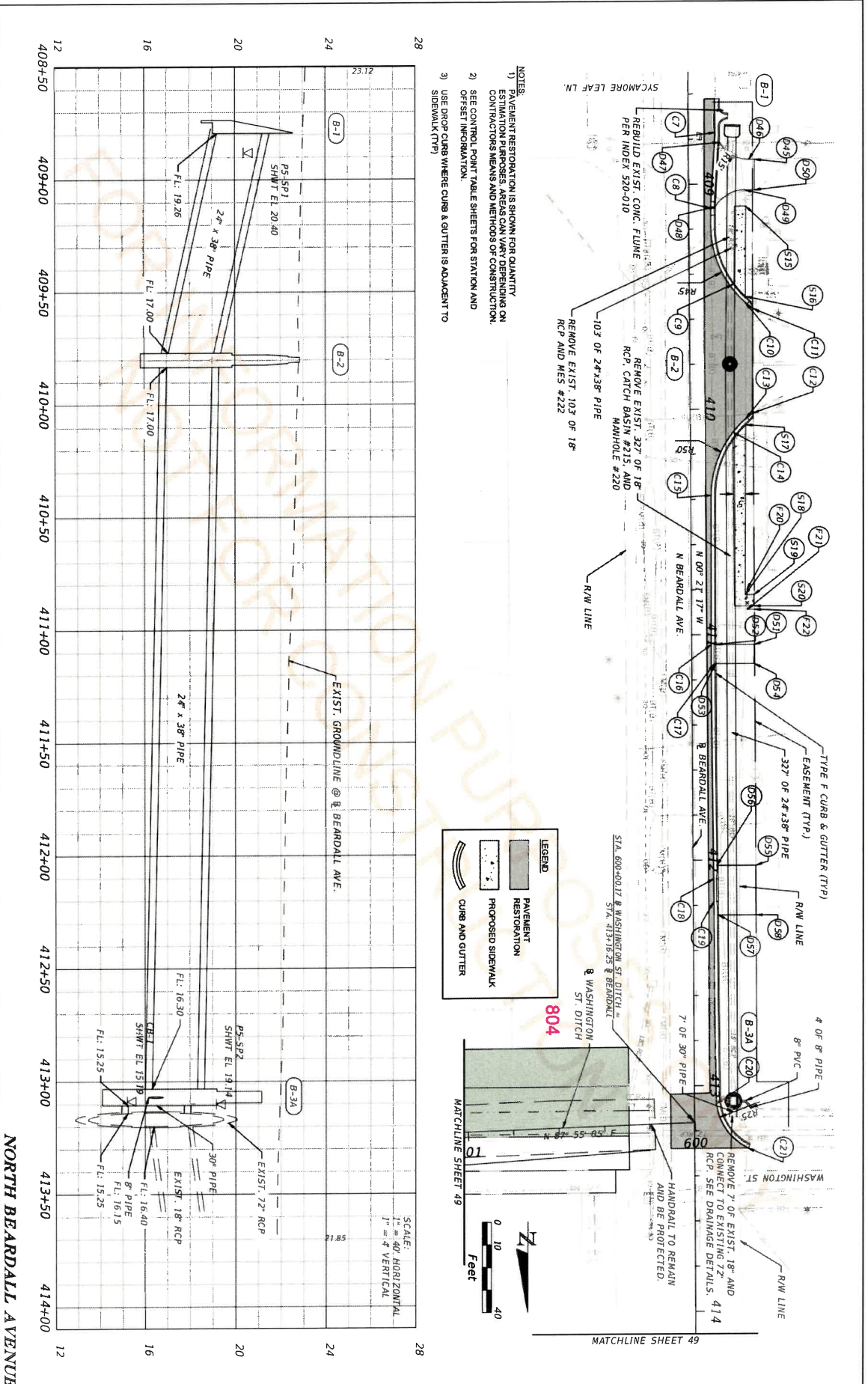
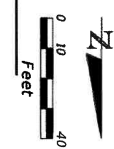
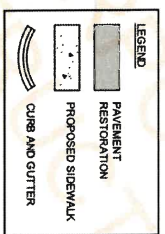
CONTAMINATION NOTES

- COORDINATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) DEWATERING ACTIVITIES THROUGH THE PROJECT ENGINEER TO ENSURE COMPLIANCE WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICT. SEE CONTAMINATION SCREENING TECHNICAL MEMORANDUM.
- APDES DEWATERING ACTIVITIES WITHIN FIVE-HUNDRED FEET (500') OF ANY MEDIUM OR HIGH RATED CONTAMINATION SITE IDENTIFIED IN THE CONTAMINATION TECHNICAL MEMORANDUM SHALL BE PROTECTED BY CONTAMINATION BARRIERS. CONTAMINATION BARRIERS ARE PRESENTING ON THE INCLUDED CORRIDOR CONTAMINATION LOCATION MAP FIGURE. THESE DEWATERING ACTIVITIES SHALL BE COORDINATED THROUGH THE PROJECT ENGINEER TO ENSURE COMPLIANCE WITH EDEP NPDES REGULATIONS.

GENERAL NOTES	SHEET NO.
	31

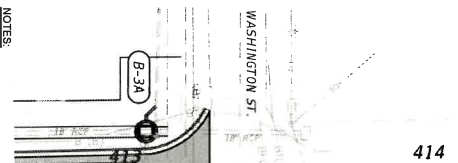
USER: UID42395

- NOTES:
- 1) PAVEMENT RESTORATION IS SHOWN FOR QUANTITY ESTIMATION PURPOSES AREAS CAN VARY DEPENDING ON CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION.
 - 2) SEE CONTROL POINT TABLE SHEETS FOR STATION AND OFFSET INFORMATION.
 - 3) USE DROP CURBS WHERE CURB & GUTTER IS ADJACENT TO SIDEWALK (TYP)

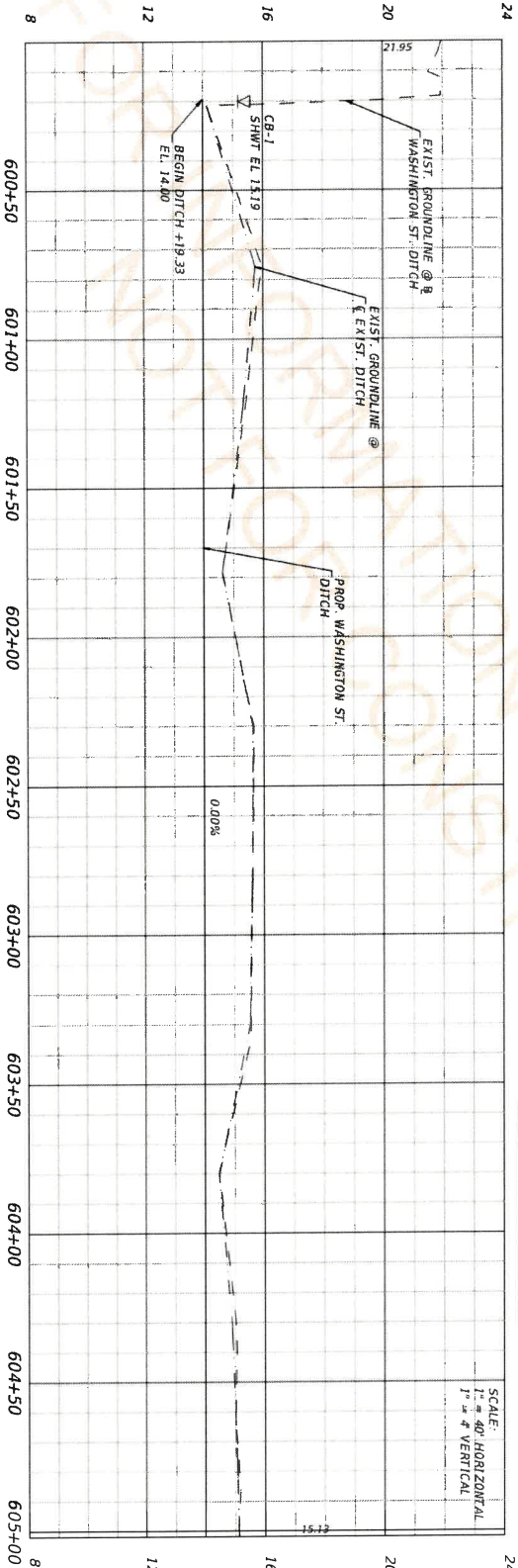
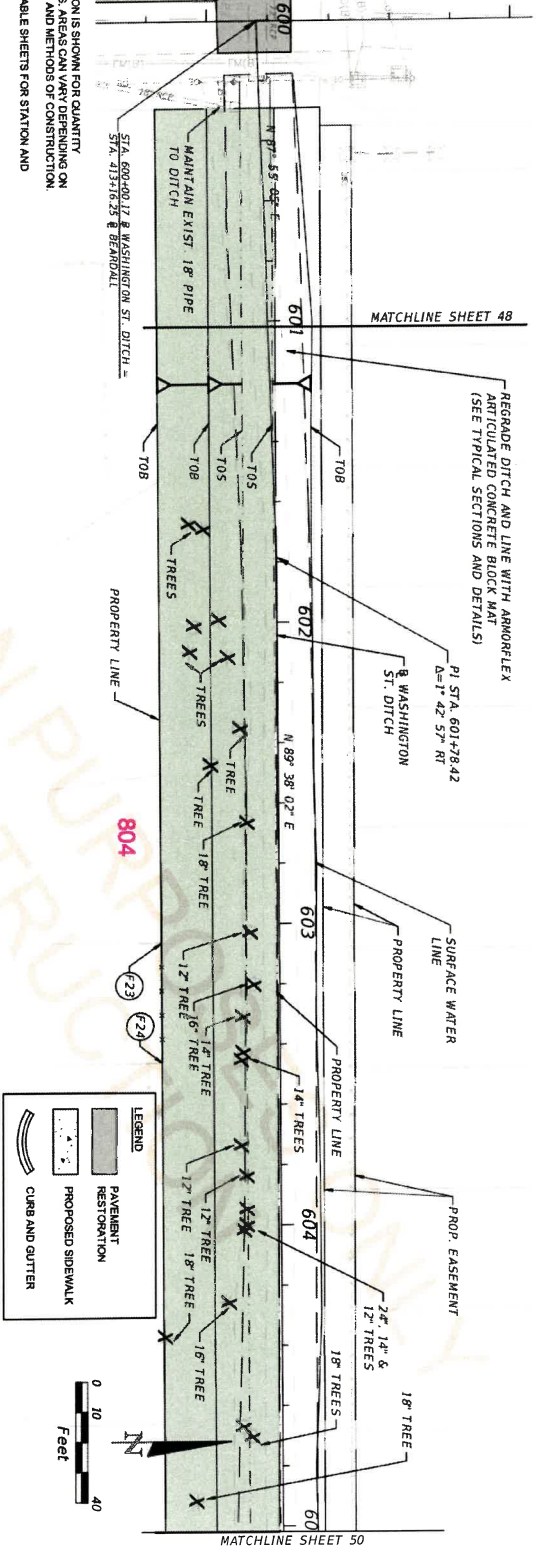


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD: ANGEL M. RIVERA-LOPEZ, P.E. # 74275 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	SEMIWOLE COUNTY ENGINEERING DIVISION ROAD COUNTY CIP NO. MIDWAY BASIN DRAINAGE IMPROVEMENTS 01907077	PLAN & PROFILE 17 SHEET NO. 48
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- NOTES:
- 1) PAVEMENT RESTORATION IS SHOWN FOR QUANTITY ESTIMATION PURPOSES. AREAS CAN VARY DEPENDING ON CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION.
 - 2) SEE CONTROL POINT TABLE SHEETS FOR STATION AND OFFSET INFORMATION.



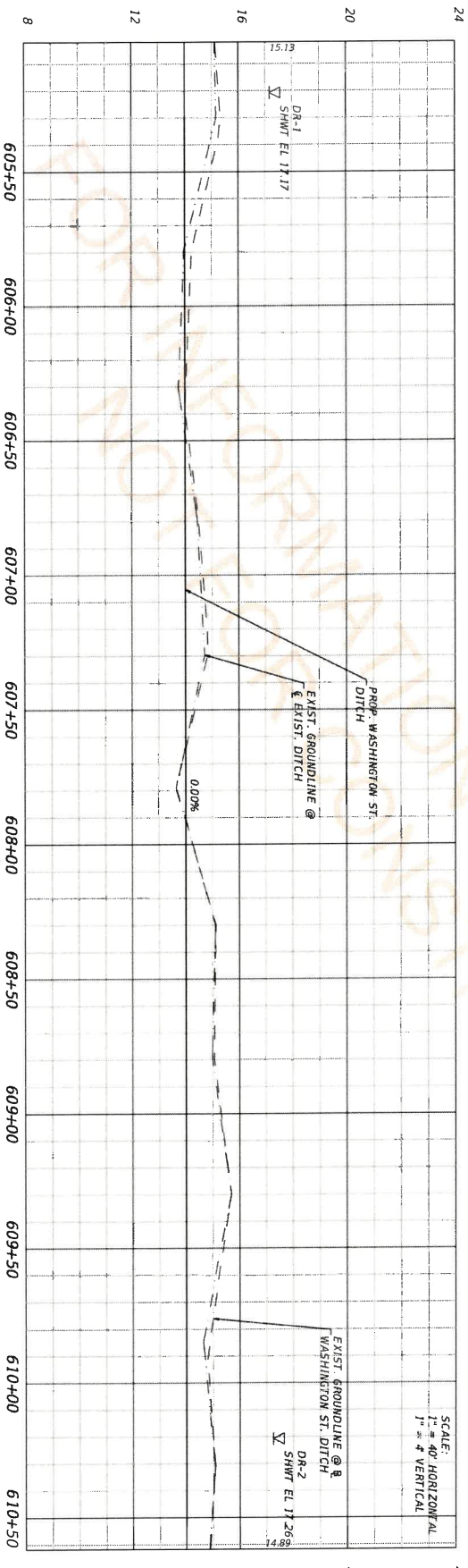
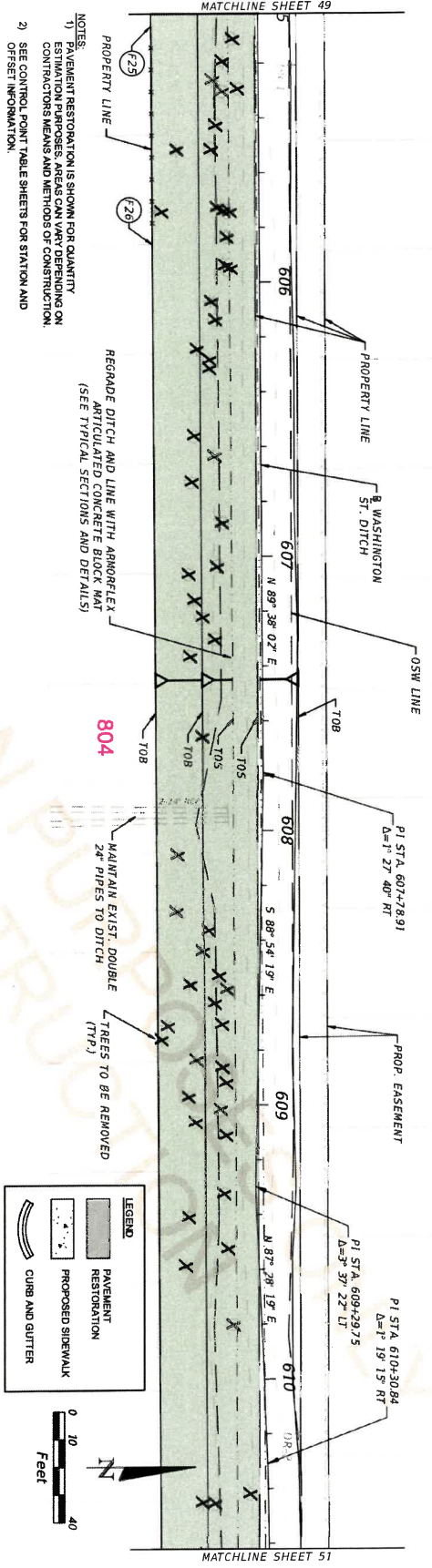
WASHINGTON STREET DITCH

PLAN & PROFILE 18

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD:	ANGEL M. RIVERA-LOPEZ, P.E. # 74275
	ATKINS NORTH AMERICA, INC.
	482 SOUTH KELLER ROAD
	ORLANDO, FL 32810
CERTIFICATION OF AUTHORIZATION NO. 24	28/08/2023

MIDWAY BASIN DRAINAGE IMPROVEMENTS	SEMANOLE COUNTY ENGINEERING DIVISION
ROAD	ROAD
COUNTY CIP NO.	COUNTY CIP NO.
01907077	01907077



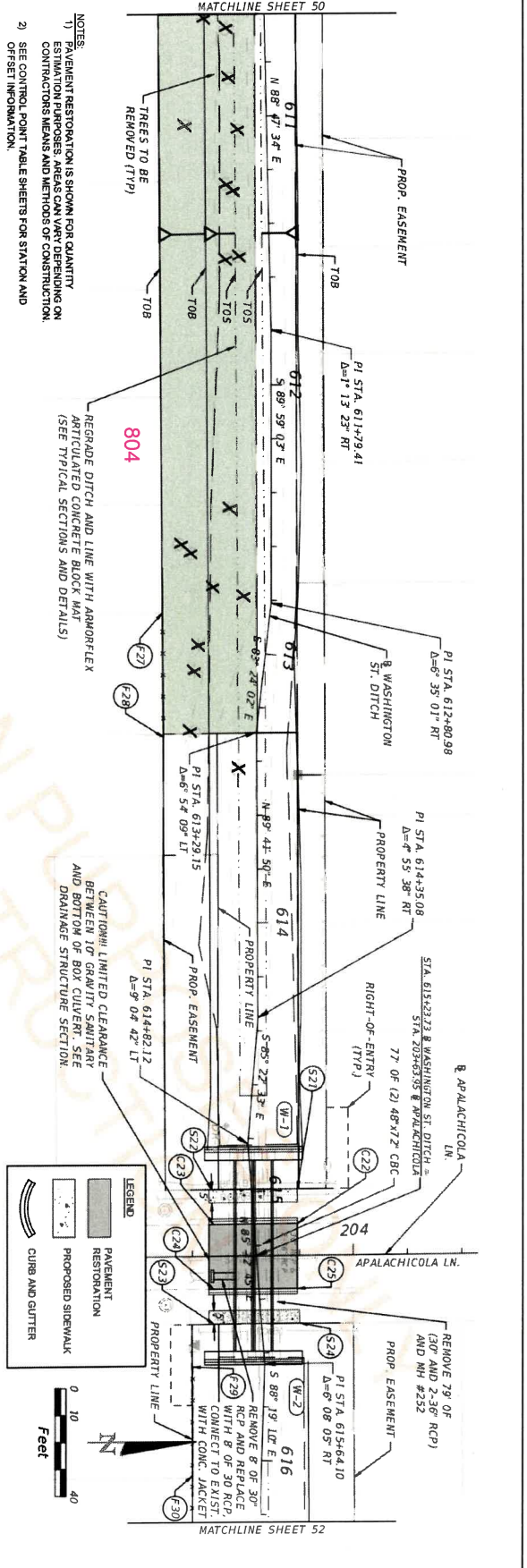
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					ANGEL M. RIVERA-LOPEZ, P.E. # 74225	SEMINOLE COUNTY	PLANNING DIVISION	50
					482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/09/2023	MIDWAY BASIN DRAINAGE IMPROVEMENTS		
					9:28:01 PM	COUNTY CIP NO. 01907077		

WASHINGTON STREET DITCH

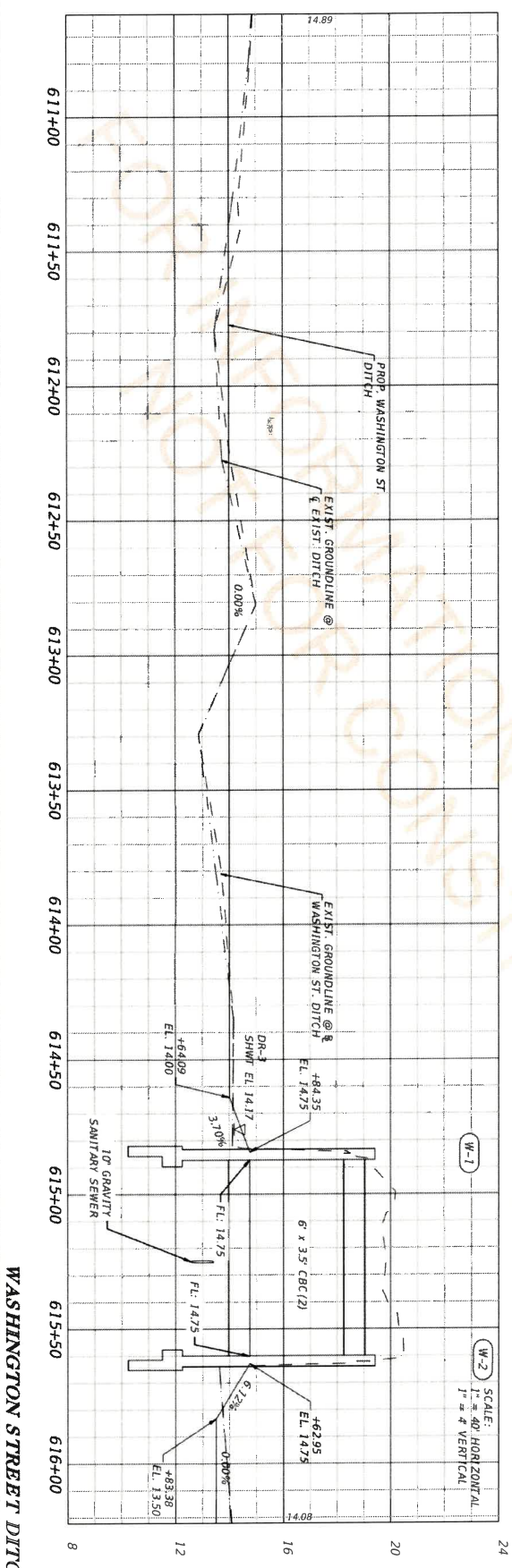
PLAN & PROFILE 19

USER: U0423295

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NOTES:
 1) PAVEMENT RESTORATION IS SHOWN FOR QUANTITY ESTIMATION PURPOSES. AREAS CAN VARY DEPENDING ON CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION.
 2) SEE CONTROL POINT TABLE SHEETS FOR STATION AND OFFSET INFORMATION.



WASHINGTON STREET DITCH

PLAN & PROFILE 20

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD:	ANGEL M. RIVERA-LOPEZ, P.E. # 74225
	ATKINS NORTH AMERICA, INC.
	482 SOUTH KELLER ROAD
	ORLANDO, FL 32810
	CERTIFICATION OF AUTHORIZATION NO. 24
28/08/2023	Z:43:27 PM

SEMINOLE COUNTY	ENGINEERING DIVISION
ROAD	COUNTY CIP NO.
MIDWAY BASIN DRAINAGE IMPROVEMENTS	01901077

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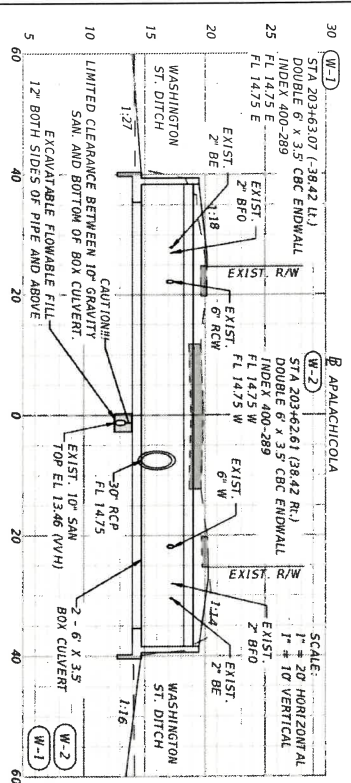
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LABEL	DESCRIPTION	STATION	OFFSET
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F2	FENCE	N BEARDALL AVE. 441+21.15111	34.00 R
F3	FENCE	N BEARDALL AVE. 442+04.57	34.00 R
F4	END FENCE	N BEARDALL AVE. 442+04.57	40.84 R
F5	BEGIN. FENCE	N BEARDALL AVE. 442+37.57	48.83 R
F6	FENCE	N BEARDALL AVE. 449+83.00	49.00 R
F7	FENCE	N BEARDALL AVE. 449+83.00	36.60 R
F8	END FENCE	N BEARDALL AVE. 451+33.79	37.81 R
F9	BEGIN. FENCE	LINCOLN ST. 507+55.73	28.87 L
F10	FENCE	LINCOLN ST. 508+07.80	26.17 L
F11	END FENCE	LINCOLN ST. 508+08.16	27.36 L
F12	BEGIN. FENCE	LINCOLN ST. 509+86.60	25.66 L
F13	FENCE	LINCOLN ST. 510+03.78	25.83 L
F14	END FENCE	LINCOLN ST. 510+03.52	32.80 L
F15	BEGIN. GATE	HUGHEY ST. 700+40.21	34.84 L

F16	END GATE	HUGHEY ST. 700+40.16	55.21 L
F17	END FENCE	HUGHEY ST. 707+71.17	58.03 L
F18	BEGIN. FENCE	HUGHEY ST. 708+41.54	55.55 L
F19	END FENCE	HUGHEY ST. 719+52.59	61.05 L
F20	BEGIN. FENCE	N BEARDALL AVE. 410+80.09	24.80 L
F21	FENCE	N BEARDALL AVE. 410+88.99	24.84 L
F22	END FENCE	N BEARDALL AVE. 410+88.92	28.05 L
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F24	END FENCE	WASHINGTON ST. 603+45.89	38.99 R
F25	BEGIN. FENCE	WASHINGTON ST. 605+06.12	38.89 R
F26	END FENCE	605+85.90	39.09 R
F27	BEGIN. FENCE	WASHINGTON ST. 612+88.94	39.87 R
F28	END FENCE	WASHINGTON ST. 613+30.62	34.63 R
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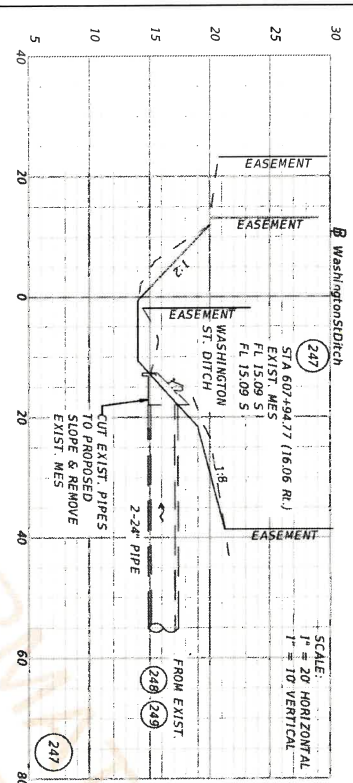
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD ERIC S. KELER, P.E., # 74275 ATY & ASSOCIATES, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 20/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIR NO. 01907077	CONTROL POINT TABLE (3)	SHEET NO. 56
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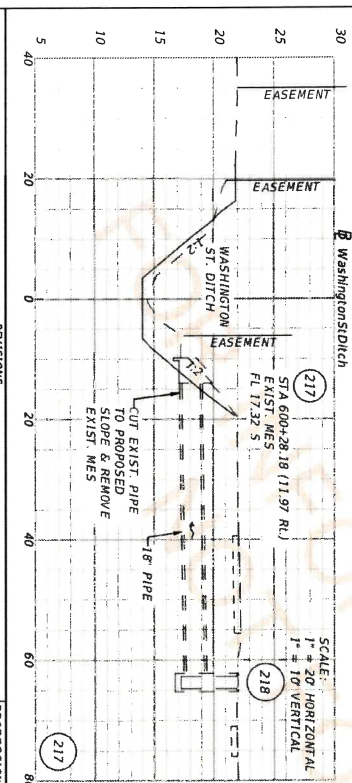
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607+94.77



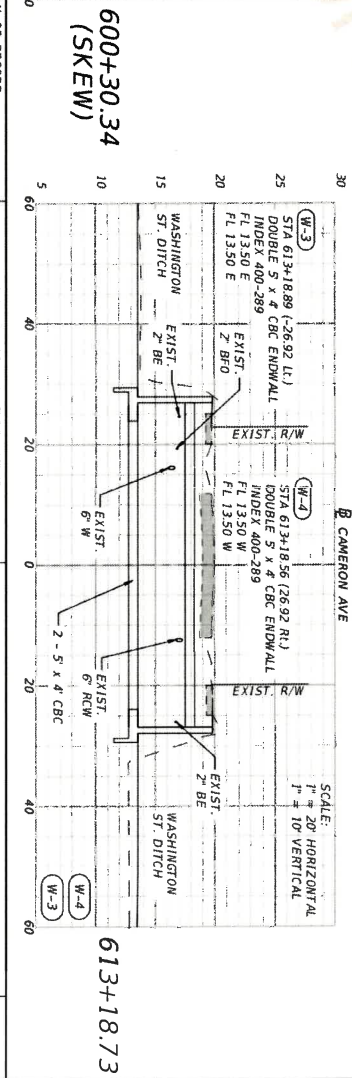
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613+18.73



613+18.73

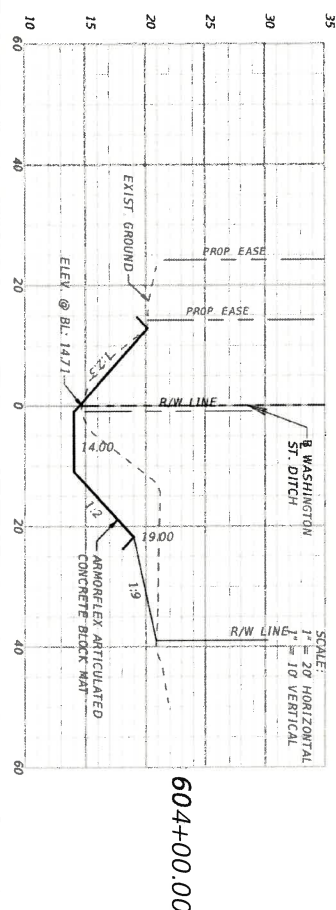
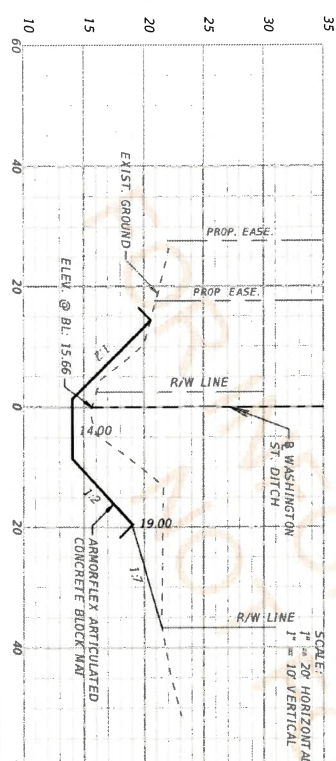
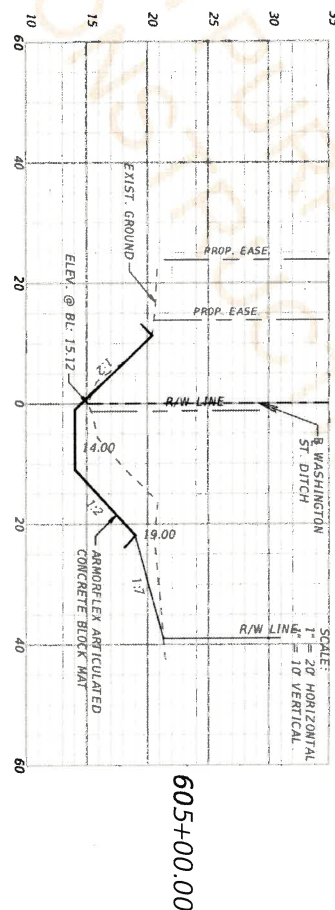
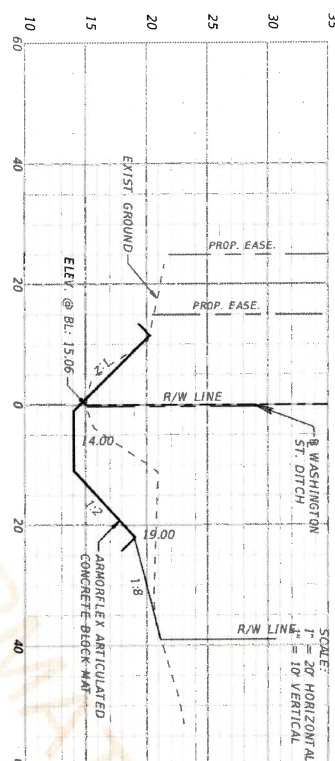
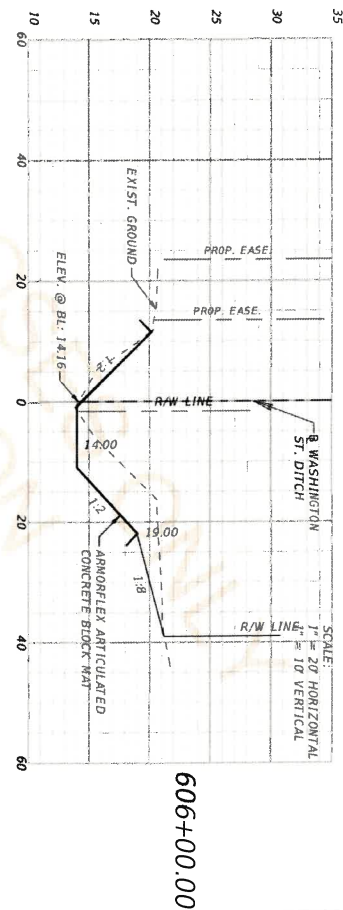
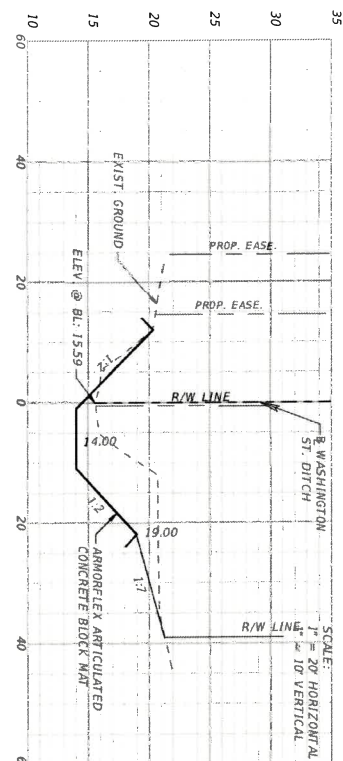


613+18.73

LEGEND: ■ RESTORATION

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD: CHRISTOPHER L. THOMPSON, P.E. # 62505 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 2/10/2023	SEMI-ANNUAL COUNTY ENGINEERING DIVISION ROAD COUNTY CIP NO. 01907077	DRAINAGE STRUCTURE SECTIONS - WASHINGTON ST. DITCH	SHEET NO. 66
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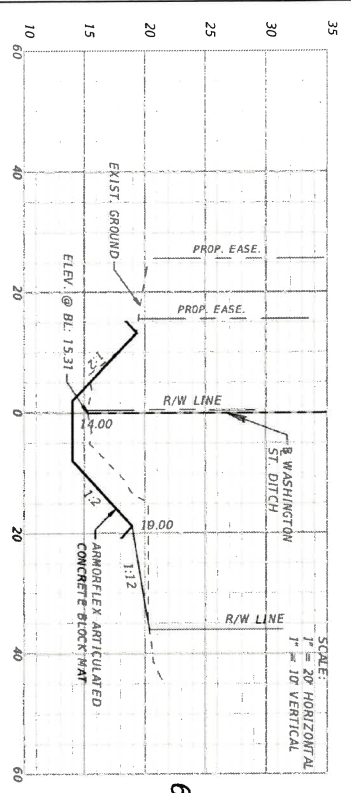


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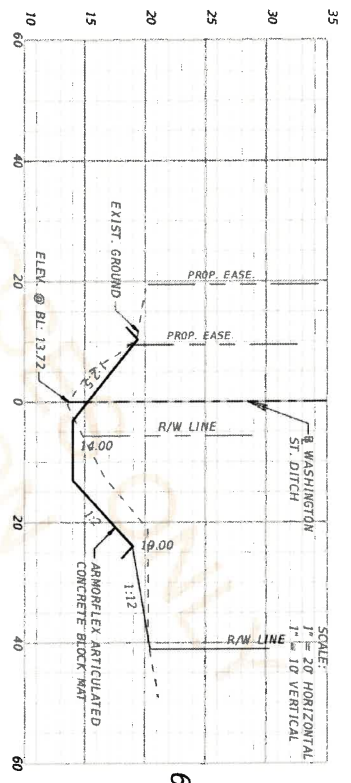
PROFESSIONAL OF RECORD:	PAUL D. SMITH, P.E. # 62305
PAUL D. SMITH, P.E.	482 SOUTH KELLER ROAD
	ORLANDO, FL 32810
	CERTIFICATION OF AUTHORIZATION NO. 24

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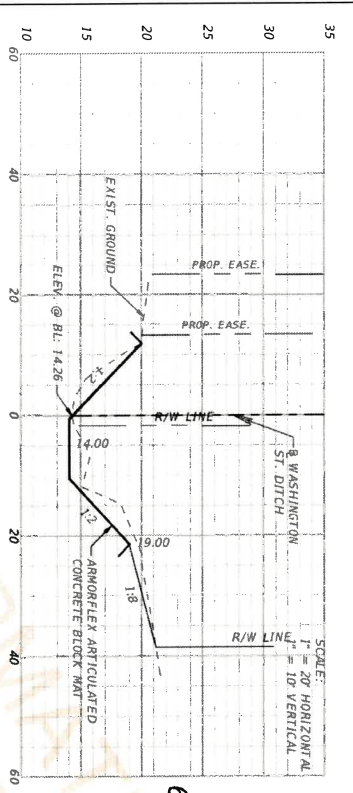
SEMINOLE COUNTY	ENGINEERING DIVISION	COUNTY CIP NO.	01907077
ROAD	MIDWAY BASIN DRAINAGE IMPROVEMENTS		
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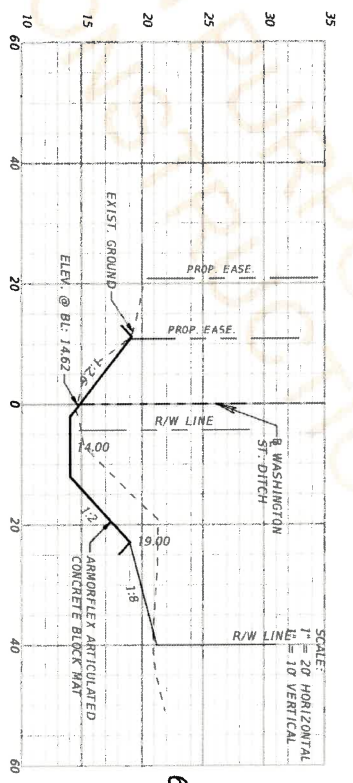
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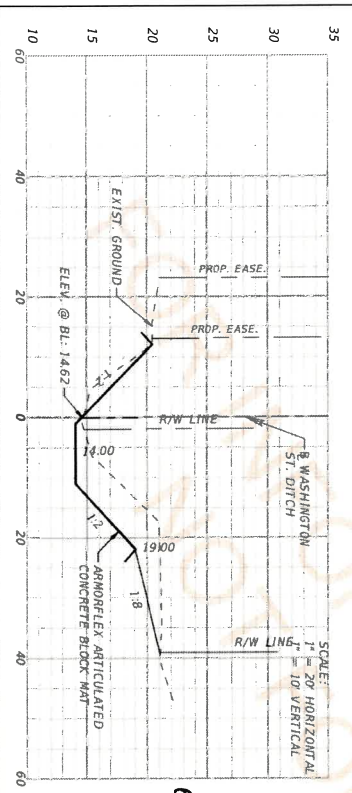
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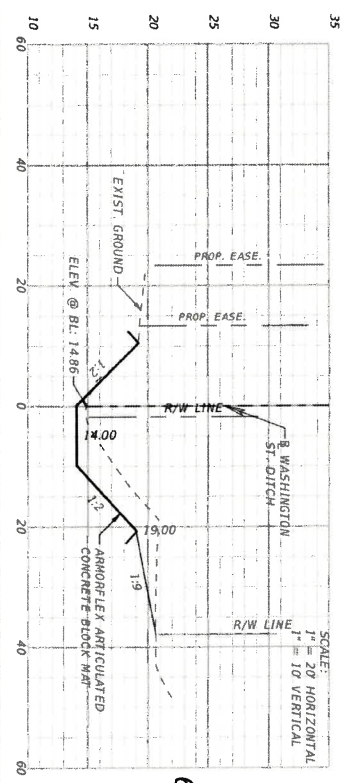
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611+00.00



607+00.00



610+00.00

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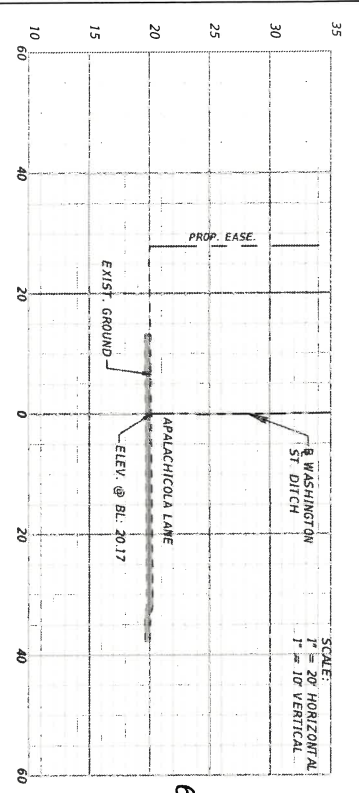
PROFESSIONAL OF RECORD: CHRISTOPHER L. THOMPSON, P.E. # 62905 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24	SEBASTIAN COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 01907077	WASHINGTON ST. DITCH 02 SHEET NO. 95
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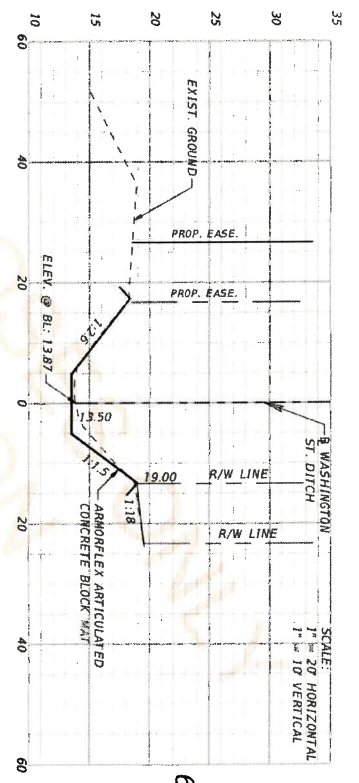
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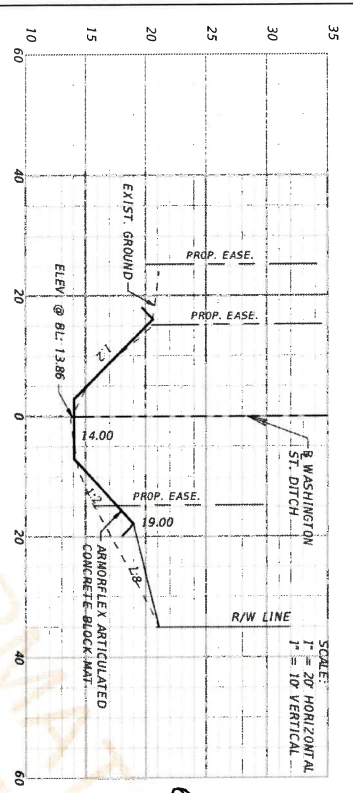
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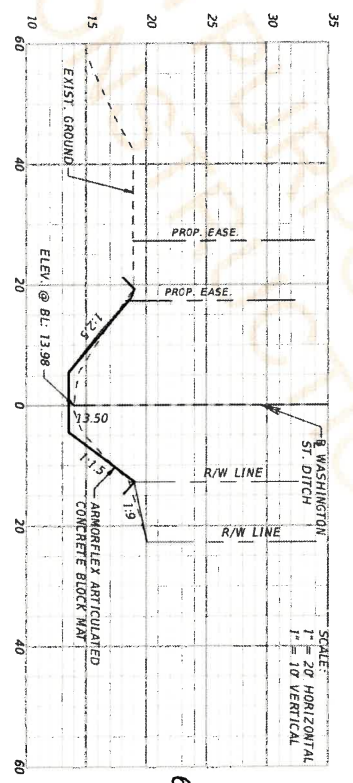
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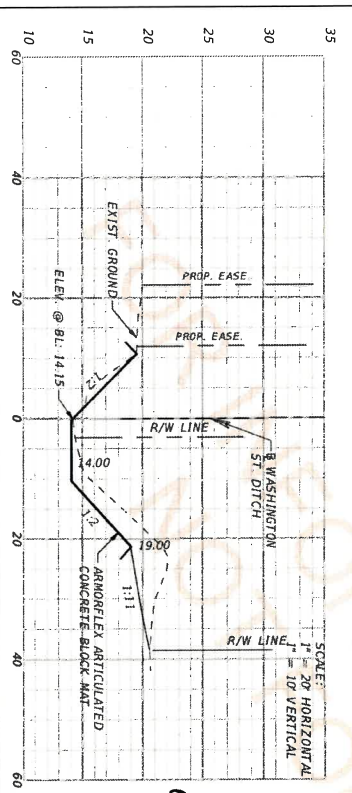
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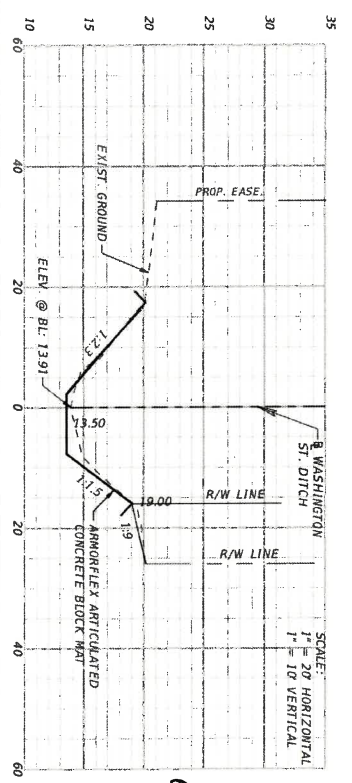
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617+00.00



613+00.00



616+00.00

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD TERRY L. SPOFFORD, P.E. # 62505 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 20/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD COUNTY CIP NO. 0190707 MIDWAY BASIN DRAINAGE IMPROVEMENTS	WASHINGTON ST. DITCH 03 SHEET NO. 96
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THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS AND OTHER SPECIFICATIONS FOR CONSTRUCTION, THE FIRST SHEET AND OTHER SHEETS OF THESE CONSTRUCTION PLANS, THE FIRST SHEET AND OTHER SHEETS OF THESE CONSTRUCTION PLANS, THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN OTHER SHEETS, THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

10 SITE DESCRIPTION:

1A. NATURE OF CONSTRUCTION ACTIVITY:

THIS PROJECT INCLUDES DRAINAGE IMPROVEMENTS TO THE MIDWAY NEIGHBORHOOD. THIS INVOLVES CONSTRUCTION OF STORMSEWER INLETS, PIPES, DITCHES AND STORMWATER MANAGEMENT PONDS. IT ALSO INCLUDES PAVEMENT, SIDEWALK AND CURB RESTORATION. PROJECT LIMITS ARE DEPICTED ON THE PLAN SHEETS.

1B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES, BELOW IS A SUGGESTED SEQUENCE OF MAJOR ACTIVITIES; HOWEVER, IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE A SEQUENCE THAT IS EQUAL TO OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT. THE PLAN SHALL BE APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING, EARTHWORK, AND STORM DRAIN CONSTRUCTION FOR THE OUTFALL FROM THE PONDS.
2. CLEARING AND GRUBBING, EARTHWORK FOR POND CONSTRUCTION.
3. STORM DRAIN CONSTRUCTION. CONSTRUCT THE STORM DRAIN PIPE IN THE UPSTREAM DIRECTION.
4. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY, CURB, SUBGRADE, BASE, PAVEMENT, AND SIDEWALK.

1C. AREA ESTIMATES:

TOTAL SITE AREA: 31.5 ACRES
 TOTAL AREA TO BE DISTURBED: 31.5 ACRES
 1D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
 BEFORE: 0.61
 DURING: 0.61
 AFTER: 0.61

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEETS(S). THE RESULTS OF SOIL BORINGS IN THE POND ARE SHOWN ON THE POND DETAIL SHEETS. THE NUMBERS ON THESE SHEETS ARE THE SHEET NUMBER OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE SILTY SANDS.

1E. OUTFALL INFORMATION:

THERE ARE 3 OUTFALLS.
 DESCRIPTION: ROSSETTERS DITCH AT CELEBY AVENUE
 LOCATION: LATITUDE 28 48 06 N, LONGITUDE 81 13 30 W
 EST. DRAINAGE AREA SIZE: 76.6 ACRES
 RECEIVING WATER NAME: LAKE MONROE

DESCRIPTION: HUGHES ST. DITCH AT E LAKE MARY BLVD
 LOCATION: LATITUDE 28 47 38 N, LONGITUDE 81 12 47 W
 EST. DRAINAGE AREA SIZE: 189.8 ACRES
 RECEIVING WATER NAME: ST. JOHN'S RIVER

DESCRIPTION: WASHINGTON STREET DITCH (CAMERON CANAL) AT E LAKE MARY BLVD
 LOCATION: LATITUDE 28 47 26 N, LONGITUDE 81 12 47 W
 EST. DRAINAGE AREA SIZE: 139.8 ACRES
 RECEIVING WATER NAME: ST. JOHN'S RIVER

1F. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

*DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTIONS ARE SHOWN ON THE DRAINAGE MAPS.

*APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS. THERE ARE POND CROSS SECTIONS LOCATED WITH THE POND DETAIL SHEETS.

*AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS, THE CROSS SECTION SHEETS, AND THE POND DETAIL SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

*AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT WILL BE DISTURBED DURING CONSTRUCTION.

*LOCATIONS OF TEMPORARY CONTROLS: THESE ARE SHOWN ON THE EROSION CONTROL SHEETS, TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITY SHEETS.

*LOCATIONS OF PERMANENT CONTROLS: THE STORMWATER PONDS ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN ON THE POND DETAIL SHEETS.

*AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS, THE PLAN-PROFILE SHEETS AND THE POND DETAIL SHEETS.

*SURFACE WATERS: INCLUDES THE HUGHES ST. DITCH, WASHINGTON ST. DITCH, ROSSETTERS DITCH, POND 2-3, POND 2-5 AND FCP POND. THERE ARE ALSO WETLANDS ON THE SOUTHWEST CORNER OF POND 2-5 AND WITHIN POND 2-3 THAT WILL BE IMPACTED WITH THIS PROJECT.

*DISCHARGE TO SURFACE WATERS: DISCHARGES OCCUR AT CELEBY ST. AND RIVERSIDE OAKS WAY, AT POND 2-3, 2-5 AND AT FCP POND.

1G. RECEIVING WATERS:

SEE ITEM 1E. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	SHEET NO.
					102

PROFESSIONAL OF RECORD: CHRISTOPHER L. THOMPSON, P.E.# 62505
 ATKINS NORTH AMERICA, INC.
 482 SOUTH KELLER ROAD
 ORLANDO, FL 32810
 CERTIFICATION OF AUTHORIZATION NO. 24
 28/08/2023

SEMIWOLE COUNTY
 ENGINEERING DIVISION
 ROAD
 COUNTY CIR. NO.
 MIDWAY BASIN DRAINAGE
 IMPROVEMENTS
 01907077

STORMWATER POLLUTION
 PREVENTION PLAN (01)

102

USER: GJAM6975

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2.0 CONTROLS:

2.A EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

*ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATION SECTION 104.

*TURF AND SOD IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

*ASPHALT OR CONCRETE SURFACE.

*SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

*SEDIMENT BARRIERS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

*INLET PROTECTION IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIAL DETAILS SHOWN IN THE TTC PLAN.

*SEDIMENT CONTAINMENT SYSTEM: THE PERMANENT STORMWATER PONDS WILL BE TEMPORARILY MODIFIED ACCORDING TO THE DETAILS IN THE TTC PLAN.

PERMANENT:

*STORMWATER PONDS

*SOD

2.B STORMWATER MANAGEMENT:

SEVERAL STORM DRAIN SYSTEMS WILL BE CONSTRUCTED TO CONVEY RUNOFF TO STORMWATER RETENTION / DETENTION PONDS.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD	SEMINOLE COUNTY ENGINEERING DIVISION	STORMWATER POLLUTION PREVENTION PLAN (02)	SHEET NO.
					CHRISTOPHER L. THOMPSON, P.E. # 62305 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS	C:\Users\WJ0242395\Documents\SHCL EDP\N\00080164\Midway Basin Final Design\Project Files\02\Stormwater\SWPP02-01.dwg	103

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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	PROFESSIONAL OF RECORD	SEMI-ANNUAL COUNTY ENGINEERING DIVISION	COUNTY CIP NO.	STORMWATER POLLUTION PREVENTION PLAN (03)	SHEET NO.
					CHRISTOPHER L. THOMPSON, P.E. # 62505 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	MIDWAY BASIN DRAINAGE IMPROVEMENTS	01907077		104
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2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:
 IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:
 *PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

*DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPAS STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
 *DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:
 IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OPPOSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 *COVERING LOADED HAUL TRUCKS WITH TARPULINS.
 *REMOVING EXCESS DIRT FROM ROADS DAILY.
 *STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.
 *USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:
 IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.
2.C.4 FERTILIZERS AND PESTICIDES:
 IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:
 IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.
 APPROVED STATE AND LOCAL PLANS AND PERMITS:
 *DEP RULE CHAPTER 62-25 F.A.C.
 *SIRMWD ERP NO. XXXXXXXXX

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:
 *SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.
 *SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURERS RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

*PONDS: THE PONDS ARE TEMPORARY SEDIMENT BASINS UNTIL THE AREAS THAT DRAIN TO THEM ARE STABILIZED. SO UNTIL THEN, REMOVE SEDIMENT FROM THE POND WHEN IT BECOMES 15" DEEP AT ANY POINT.
4.0 INSPECTIONS:
 QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

*POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
 *POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
 *DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
 *AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
 *STRUCTURAL CONTROLS.
 *STORMWATER MANAGEMENT SYSTEMS.
 *LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

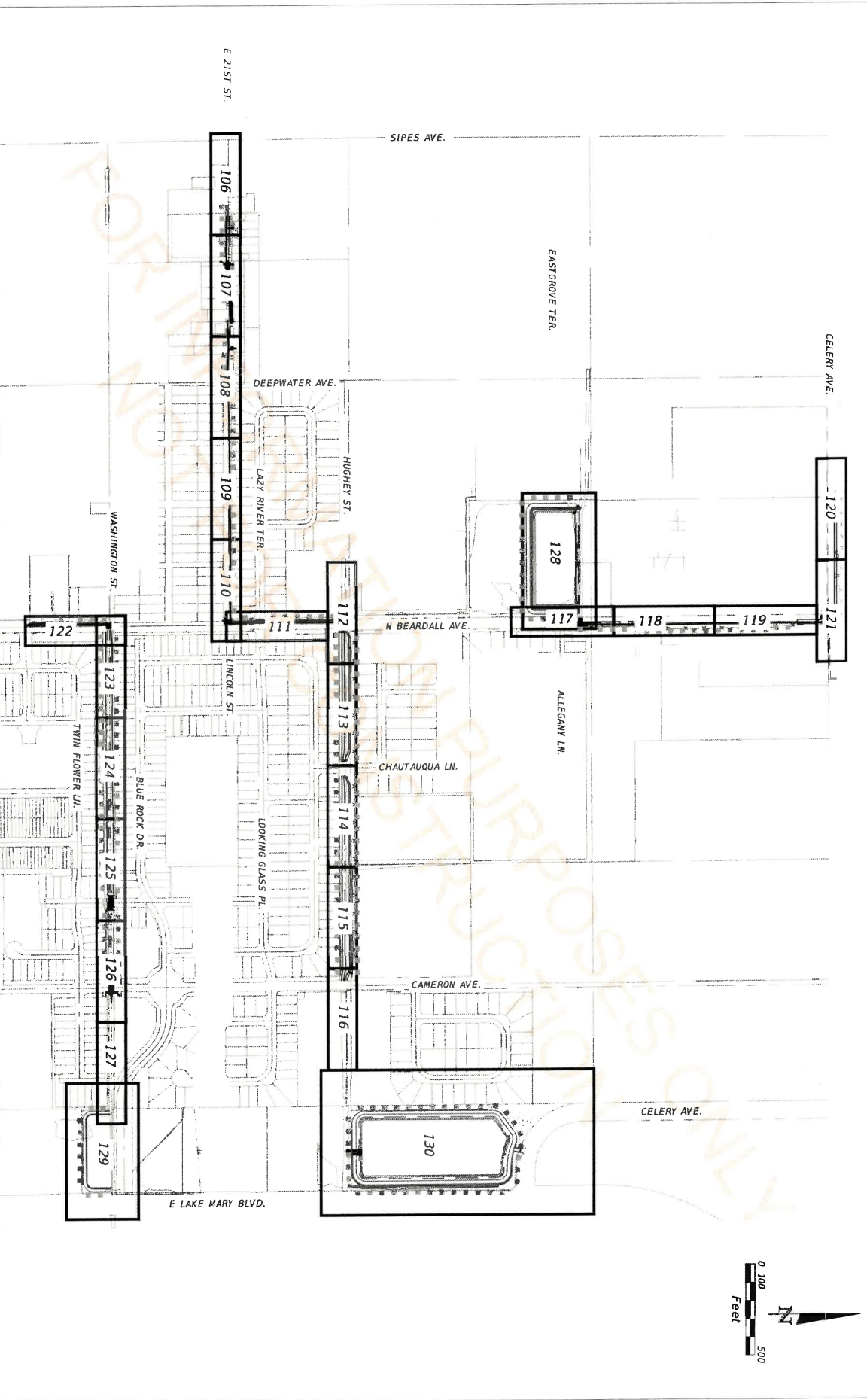
THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.
 IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:
 IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT THOSE FROM THE FIGHTING AND PREVENTION OF POLLUTION). THE PROPOSED METHODS FOR PREVENTING AND CONTROLLING NON-STORMWATER DISCHARGES OF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT TO BE DETERMINED.

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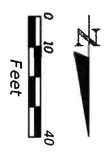
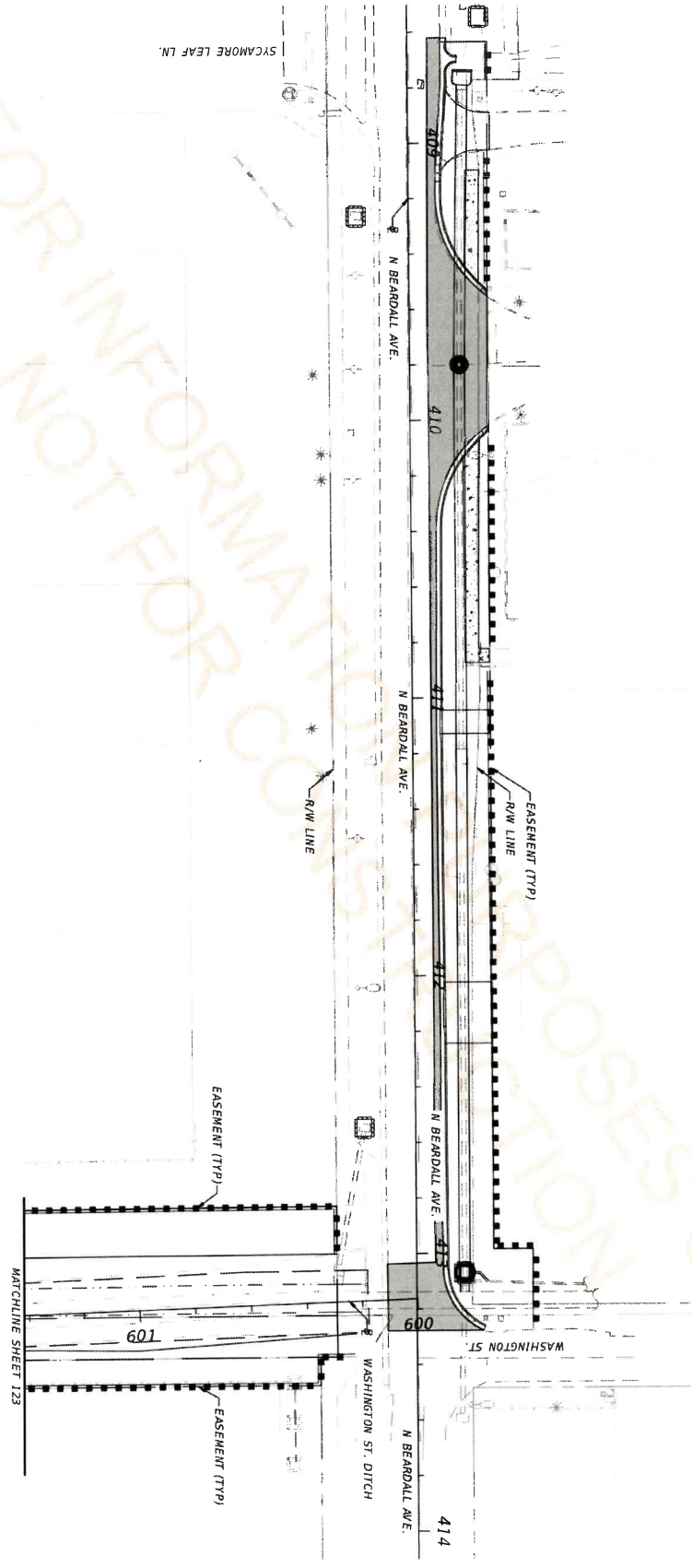
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PROFESSIONAL OF RECORD: CHRISTOPHER HENNINGSON, P.E. # 62305 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 29/08/2023	SEMIWOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 0190707	EROSION CONTROL KEY SHEET NO. 105
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	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER

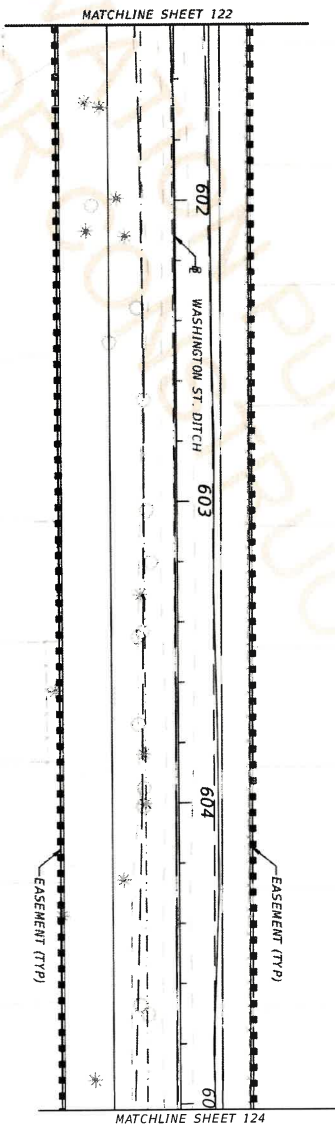


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PROFESSIONAL OF RECORD: CHRISTOPHER L. THOMPSON, P.E. # 62505 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 29/08/2023	SEMIWOLE COUNTY ENGINEERING DIVISION ROAD COUNTY CIP NO. 01907077	EROSION CONTROL PLAN (17) SHEET NO. 122
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	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER

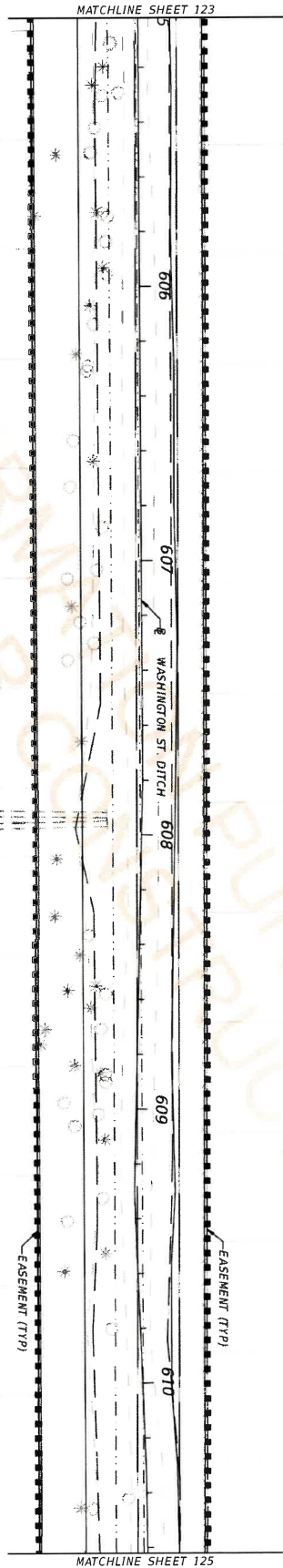
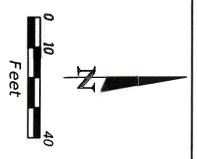


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PROFESSIONAL OF RECORD: KATYNS NORTH AMERICA, INC. 482 SOUTH KEELER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 26/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS	COUNTY CIP NO. 01907077	PROJECT TITLE: EROSION CONTROL PLAN (18)	SHEET NO. 123
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	INLET PROTECTION
	SEDIMENT BARRIER
	STAKED TURBIDITY BARRIER



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DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION
			PROFESSIONAL OF RECORD: CHRISTOPHER L. THOMPSON, P.E. # 62505 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023		
SEMANOLE COUNTY ROAD		EROSION CONTROL PLAN (19)		SHEET NO.	
MIDWAY BASIN DRAINAGE IMPROVEMENTS		COUNTY CIP NO. 01907077		124	

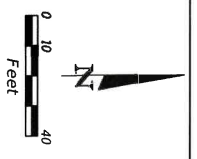
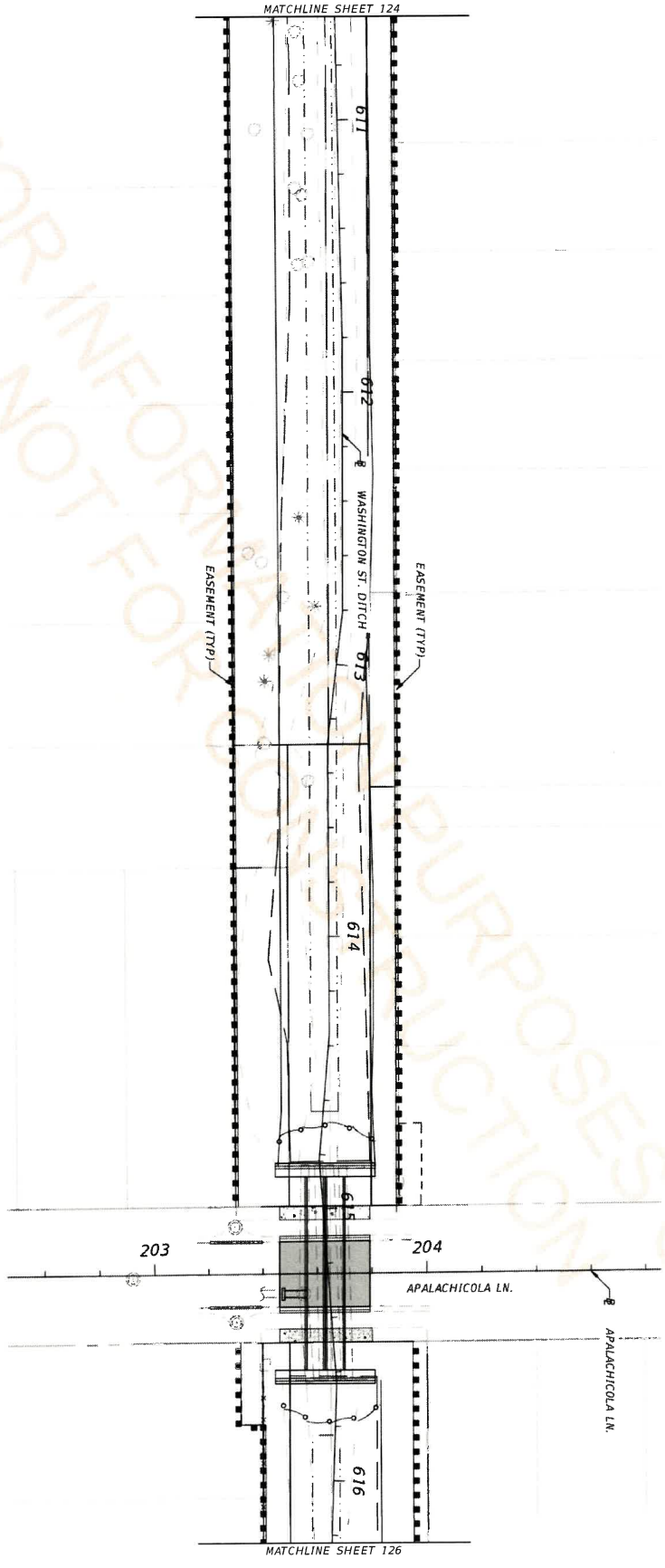
WASHINGTON STREET DITCH

EROSION CONTROL PLAN (19)

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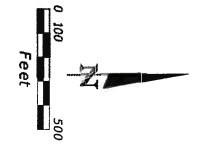
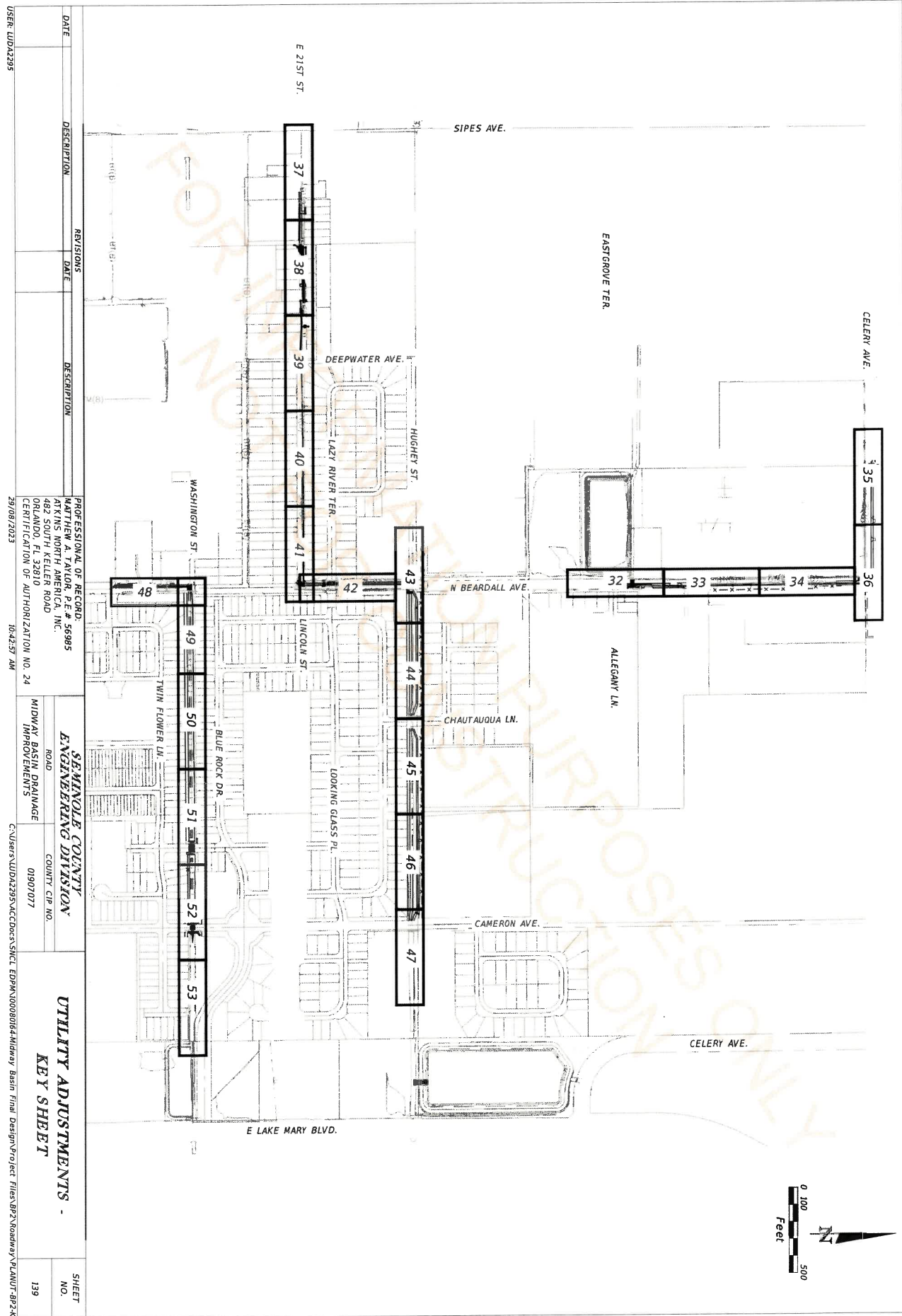
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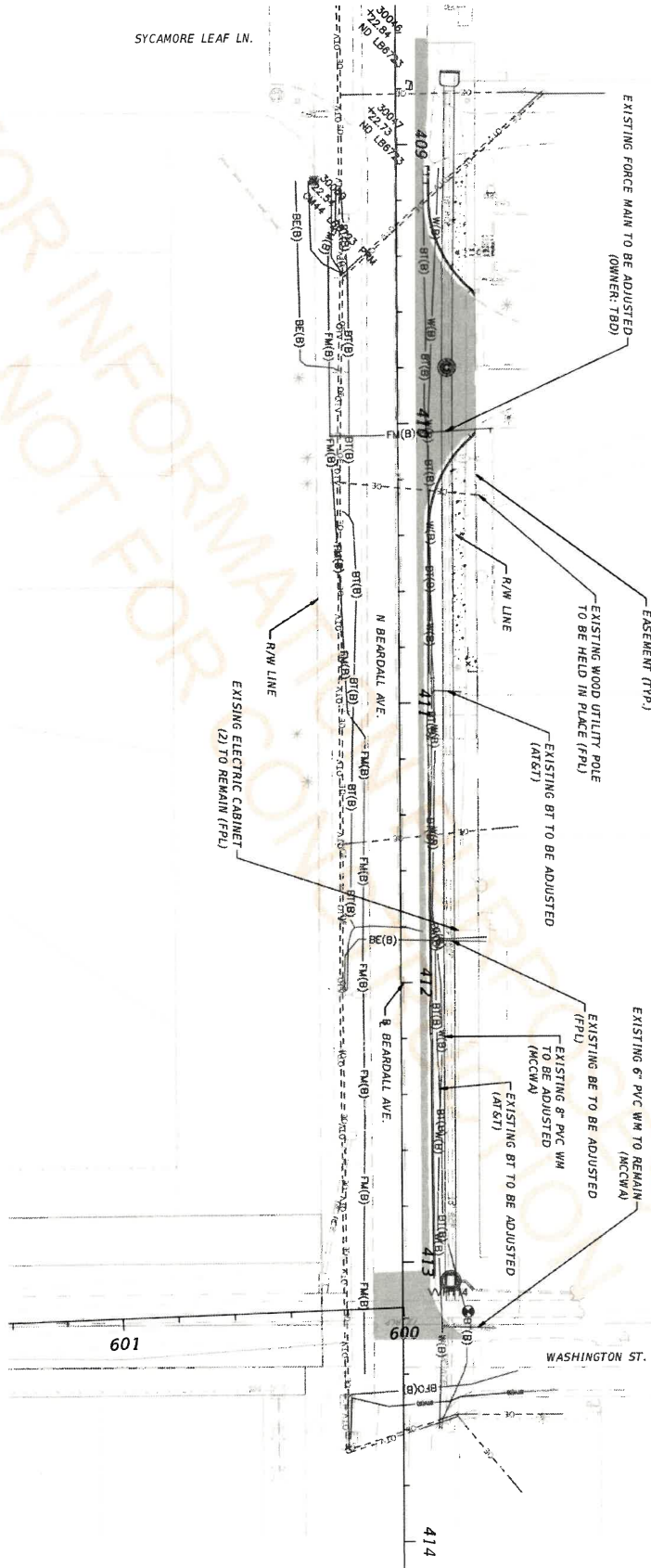
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SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 0190707	EROSION CONTROL PLAN (90)	SHEET NO. 125
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD: MATTHEW A. TAYLOR, P.E. # 56985 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 0190707	UTILITY ADJUSTMENTS - KEY SHEET	SHEET NO. 139
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NORTH BEARDALL AVENUE

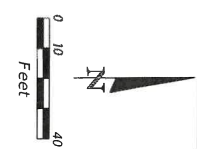
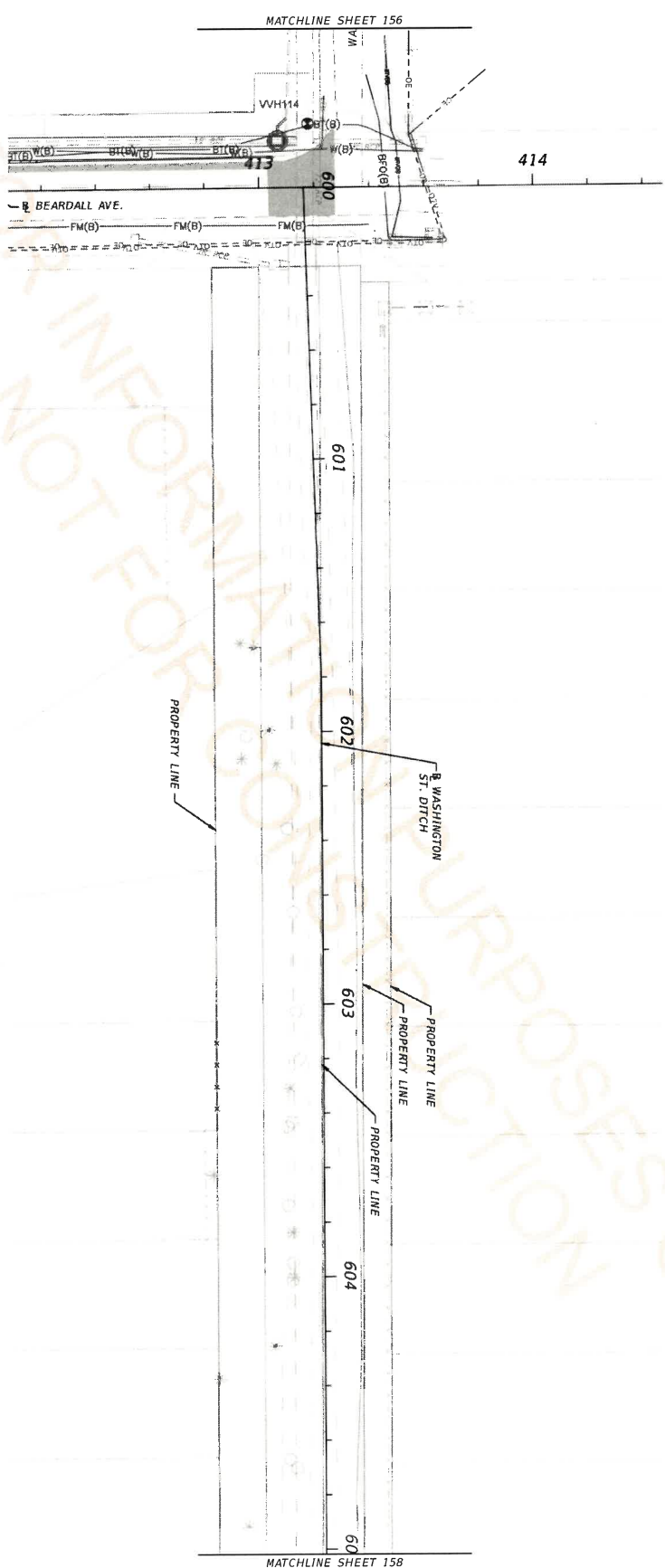
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PROFESSIONAL OF RECORD	SEMINOLE COUNTY
ATTYNS NORTH AMERICA, INC.	ENGINEERING DIVISION
482 SOUTH KELLER ROAD	ROAD
ORLANDO, FL 32810	COUNTY CIP NO.
CERTIFICATION OF AUTHORIZATION NO. 24	01907077

UTILITY ADJUSTMENTS	SHEET NO.
	156

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FOR INFORMATION PURPOSES ONLY



NO UTILITY ADJUSTMENT ON THIS SHEET

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UTILITY ADJUSTMENTS

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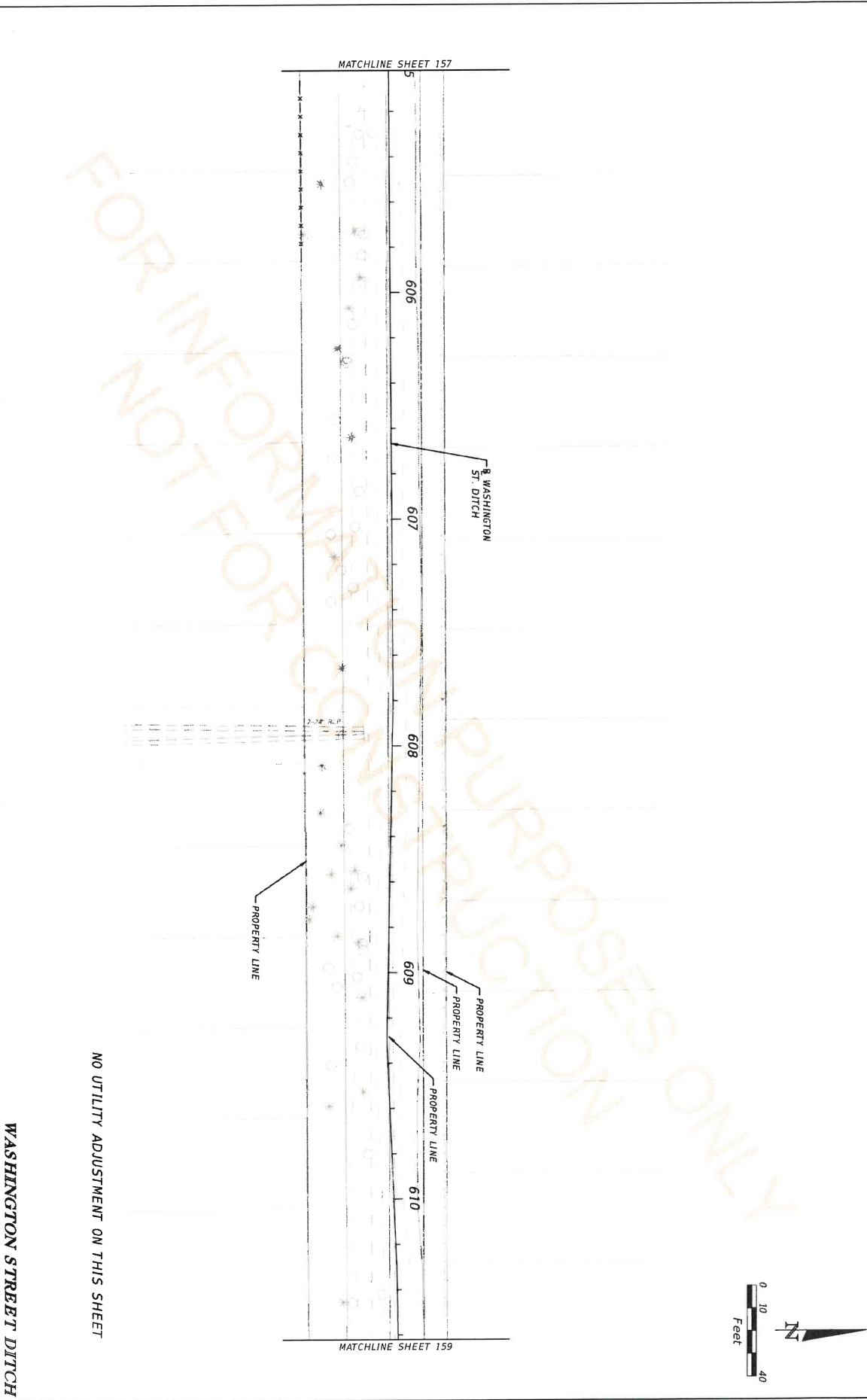
PROFESSIONAL OF RECORD: MATTHEW A. TAYLOR, P.E. # 55995 ATKINS NORTH AMERICA, INC. 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 0190707	UTILITY ADJUSTMENTS	SHEET NO. 157
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PROFESSIONAL OF RECORD: MATTHEW A. TAYLOR, P.E. # 56995 482 SOUTH KELLER ROAD ORLANDO, FL 32810 CERTIFICATION OF AUTHORIZATION NO. 24 28/08/2023	SEMINOLE COUNTY ENGINEERING DIVISION ROAD MIDWAY BASIN DRAINAGE IMPROVEMENTS COUNTY CIP NO. 01907077
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WASHINGTON STREET DITCH UTILITY ADJUSTMENTS SHEET NO. 158
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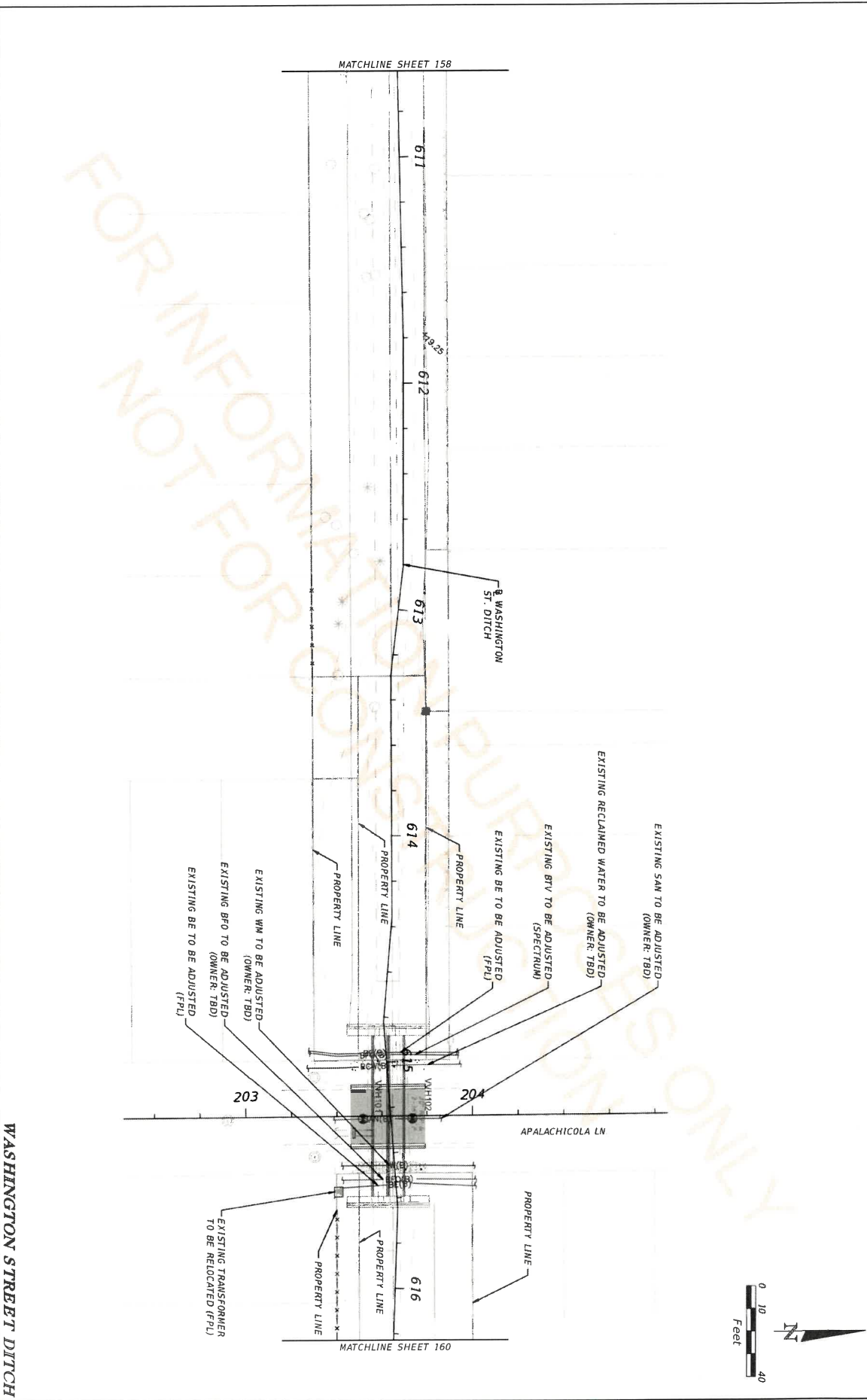
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DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

PROFESSIONAL OF RECORD:	MATTHEW A. FAYOR, P.E. # 56995
	ATKINS NORTH AMERICA, INC.
	482 SOUTH KELLER ROAD
	ORLANDO, FL 32810
	CERTIFICATION OF AUTHORIZATION NO. 24
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SEMINOLE COUNTY	ENGINEERING DIVISION
ROAD	COUNTY CIR. NO.
MIDWAY BASIN DRAINAGE IMPROVEMENTS	01907077

UTILITY ADJUSTMENTS	SHEET NO. 159
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PROFESSIONAL OF RECORD:
 NATHAN J. MOZELSKI, P.E. # 83308
 ATKINS NORTH AMERICA, INC.
 482 SOUTH KELLER ROAD
 ORLANDO, FL 32810
 CERTIFICATION OF AUTHORIZATION NO. 24

SEMINOLE COUNTY
 ENGINEERING DIVISION
 ROAD
 MIDWAY BASIN DRAINAGE
 IMPROVEMENTS
 COUNTY CIP NO.
 01907077

PAVEMENT MARKINGS (9)

SHEET NO. 170

