

Boyd Irrigation, Inc.
 8050 Bayshore Road
 North Fort Myers, FL 33917
 Phone: 239-543-1616
 Fax: 239-543-4676
 klake@boydirrigation.com

Mailing Address:
 PO Box 2509
 Ft. Myers, FL 33902

PROPOSAL

Date: February 26, 2024

Submitted To: Lee County Natural Resources Division – 3rd Floor Attn: Jennifer Hubbard, Project Manager
 1500 Monroe St., Fort Myers, FL 33901

Phone: 239-533-8138 Cell: 239-565-9054 Email: JHubbard@leegov.com

Project: US 41 Industrial Park Backflow Preventers 2023/2024, Revised Scope of Work 2/20/2024

**Install 3 backflow preventers and associated works, per the Ten Mile Canal plan set and as described in the Scope of Work, Neighborhood Improvement Project, US 41 Industrial Park Backflow Preventers 2023/2024
 REVISED February 20, 2024**

for the lump sum of

TOTAL LUMP SUM AMOUNT = \$198,995.00

TOTAL: One Hundred Ninety-Eight Thousand Nine Hundred Ninety-Five and No/100-----Dollars

Standard Proposal Notes

The following are our assumptions and we respectfully request that you consider them an integral part of our proposal and contract. Boyd Irrigation, Inc. will perform all work in accordance with the drawings and specifications as referenced above and complete the project in a substantial, workmanlike manner for the amount agreed upon. Payment is due within 30 days of invoice date. Any alteration or deviation from the specifications will become an extra charge over the estimated amount and will be executed upon written orders only. Strikes, accidents or delays beyond our control will void or necessitate change to our agreement. The Owner is to carry fire, tornado, and other necessary insurance on the work. Boyd Irrigation, Inc. will be responsible for workers' compensation and public liability insurance on the work. This proposal may be withdrawn if not accepted within thirty (30) days. Exclusions not included in our proposal and contract follows:

Boyd Irrigation, Inc. is not responsible for the following:

- Layout or surveying costs;
- No testing costs;
- All piping to stop 5 ft. from building envelope;
- All connections to buildings will be done by others;
- Certified As-Builts;
- No off-site removal of rock, muck, or other unsuitable materials;
- No excavation or replacement of unsuitable fill;
- Not responsible for damage to private utilities not located by owner;
- No impact, connection or water use fees;
- No bonds or permits not explicitly stated, except firelines;
- No rock excavation, blasting or trenching;
- No sod, seed, mulch or landscaping restoration;
- No maintenance of traffic or traffic control costs;
- No concrete, asphalt or pavement marking restoration;
- No erosion or sediment control or testing for dewatering;
- No NPDES or environmental monitoring, reports and permits.

Submitted By: Jeffrey D. Boyd, President Cell Phone# 239-707-3202 E-Mail: jboyd@boydirrigation.com

ACCEPTANCE OF PROPOSAL

We accept the above prices, specifications and conditions. Boyd Irrigation, Inc. is authorized to do the work specified and payment will be made as outlined above.

Owner's Representative

Printed Name, Title

Date

Please sign above and email all pages to klake@boydirrigation.com or fax all pages to Boyd Irrigation, Inc. at 239-543-4676.

US 41 Industrial Park Backflow Preventers 2023/2024

Proposal should include the following information:

Total Lump Sum

328,656.00

Company Name:	McHauer Environmental
Contact Name:	Chrissy Mettewer
Ph. #:	239 410.5686
Date:	02-27-2024

Proposals must be received by 3:00 p.m. February 27, 2024.

Please return to:

Jennifer Hubbard, Project Manager
Lee County Natural Resources Division- 3rd Floor
1500 Monroe St.
Fort Myers, FL 33901
Ph. 239-533-8138
FAX: 239-485-8408
e-mail: jhubbard@leegov.com

From: [Keith Dean](#)
To: [Hubbard, Jennifer](#)
Subject: RE: US 41 Industrial Park Backflow Preventer Bid Request NIP 2023/2024
Date: Thursday, February 8, 2024 3:35:46 PM
Attachments: [image008.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)

Caution: This email originated from an external source. Be cautious of attachments and links, and do not provide login information. Report suspicious activity to the Service Desk: servicedesk@leegov.com or 533-HELP.

Good afternoon Jennifer,

Thank you for thinking of us on your project but we are currently booked out for the rest of the year.

Hope the rest of your day is a great one.



From: Hubbard, Jennifer <JHubbard@leegov.com>
Sent: Thursday, February 8, 2024 10:32 AM
To: kcoggins@ajaxpaving.com; dreese@bcund.com; jboyd@boydirrigation.com; Robert.Peterson@ohla-usa.com; Fgibson@denco-inc.com; Chrissy@me-fl.com; Jward@pmioffl.com; craig.ketron@preferredmaterials.com; Emily@russbernerconstruction.com; Keith Dean <kd@salinc.net>
Cc: Reide, Beccagayle <BRaide@leegov.com>
Subject: US 41 Industrial Park Backflow Preventer Bid Request NIP 2023/2024

Good morning,

Lee County Natural Resources is seeking a contractor to install 3 backflow preventers and associated works per the provided plan set for structures **S-1/S-2, S-5, S-7**. Please see scope of work for additional details at <https://mft.leegov.com/?ShareToken=6B1574757DCD14ED9D66784CF77542B855BA43A7>

The work will consist of furnishing all labor, materials, and equipment for the completion of the

project.

A **mandatory pre-bid meeting** is scheduled for Tuesday, February 20, 2024, at 9:00am. We will meet at the end of Old US 41, just south of 16301 Old US 41.(see attached map)

Please email any questions you may have to me by February 23, 2024. I will respond to everyone with answers as they are received, with no response later than February 26, 2024.

Proposals will be due by 3:00pm on February 27, 2024.

Please reply to this email regarding your interest in attending the pre-bid so I may plan accordingly.

Thank you.



Jennifer Hubbard | Project Manager

Natural Resources

1500 Monroe Street, 3rd Floor

Fort Myers, FL 33901

office: (239) 533-8138

cell: (239) 565-9054

email: jhubbard@leegov.com

website: www.leegov.com

Connect With Us On Social Media



Receive updates from Lee County Government by [subscribing to our newsletter](#)

Please note: Florida has a very broad public records law. Most written communications to or from County Employees and officials regarding County business are public records available to the public and media upon request. Your email communication may be subject to public disclosure.

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

SCOPE OF WORK
Neighborhood Improvement Project
US 41 Industrial Park Backflow Preventers 2023/2024
REVISED February 20, 2024

SCOPE OF WORK: Lee County Natural Resources is seeking a contractor to install 3 backflow preventers and associated works, per the Ten Mile Canal plan set. This task will include the installation of structures S-1, S-2, S-5, and S-7 only. The lump sum proposal will consist of furnishing all labor, materials, and equipment for the completion of the task. The proposed work shall be covered by the following specifications.

- The backflow preventer's shall be Wastop® Inline Check Valves Marine Grade Stainless Steel or approved equal.
- The installation of structures S-1 & S-2 will be according to the provided Ten Mile Canal plan set, with the exception of the berm height. Fill will be added up to 8.0 NAVD with slopes matching plan set of 1:4 at inlet and 1:2 at MES. Fill will meet the US 41 bank and continue at 8.0 NAVD to station 203+20 to match existing grade at a 4:1 slope. The top 6" will consist of base rock. Slopes will be sodded.
- The installation of structure S-5 will be according to the provided Ten Mile Canal plan set, with the exception of the berm height. Match existing elevation and install to FDOT design standard specifications.
- The installation of structure S-7 will be according to the provided Ten Mile Canal plan set, with the exception of the berm height. Match existing elevation and install to FDOT design standard specifications.
- Sod shall be placed on all disturbed areas. Stake sod on 1:2 slopes or steeper.
- Please refer to the provided FDOT Drainage Connection Permit for additional requirements. Please note that the entire plan set is included in the FDOT permit; however, the contractor shall refer to the plan sheets provided with this scope of work associated with the installation of structures S-1, S-2, S-5, and S-7 only. The FDOT permit has been extended to 6/10/24.
- Please refer to the provided LDO2021-00609 for additional requirements. An NPDES NOI will not be necessary due to the projects limited scope of work; however, BMPs are still required. A vegetation removal permit will not be required due to the projects limited scope of work. NOTE: Gopher tortoise burrows have been documented along the berm. The contractor shall proceed with caution not to impact gopher tortoise burrows.

GENERAL NOTES:

- 1) The contractor shall be responsible for the proper disposal of all debris collected during the project.
- 2) The Contractor shall be responsible for determining the type and amount of equipment and labor necessary to complete the work in accordance with the specifications and contract time.
- 3) The Contractor shall be solely responsible for examining the area(s) identified on maps provided by the Project Manager to arrive at an accurate cost determination for the work involved during the time period of the year for which the work will occur. **Compensation for**

work shall be dispersed in one payment and shall be considered full compensation for all labor, equipment, tools, materials, disposal costs, mobilization, demobilization, and other items necessary and incidental to complete the required tasks.

- 4) The Contractor shall exercise care to avoid damage to public or private improvements including, but not limited to roadways, structures, fencing, and landscaping. Repair, replacement, or restitution for any such damage shall be the sole responsibility of the Contractor.
- 5) The Contractor shall implement best management practices for erosion and turbidity control to prevent violations of state water quality and impacts to wetlands and surface waters. The contractor shall maintain water quality during the course of the project and employ best management practices for erosion and turbidity control, including, but not limited to, the use of turbidity barriers and silt screens. In the event that the work causes a violation of the turbidity or water quality standards in Rule 62-302, F.A.C., the contractor shall cease all work contributing to the violation, modify the work procedures that were responsible for the violation, and install more turbidity containment devices and repair any non-functioning turbidity containment devices. The contractor should notify the County project manager of the violation within eight hours.
- 6) The Contractor shall conduct all work with adequate safety precautions so as not to present undo hazards to the public or to workers on site.
- 7) If previously unknown historical or archaeological artifacts are uncovered at any time on the project site, the Contractor shall immediately notify the County project manager.

US 41 Industrial Park Backflow Preventers 2023/2024

Proposal should include the following information:

Total Lump Sum

Company Name:	_____
Contact Name:	_____
Ph. #:	_____
Date:	_____

Proposals must be received by 3:00 p.m. February 27, 2024.

Please return to:

Jennifer Hubbard, Project Manager
Lee County Natural Resources Division- 3rd Floor
1500 Monroe St.
Fort Myers, FL 33901
Ph. 239-533-8138
FAX: 239-485-8408
e-mail: jhubbard@leegov.com

CONTRACT PLANS COMPONENTS
ROADWAY PLANS

LEE COUNTY
DIVISION OF NATURAL RESOURCES

TEN MILE CANAL

PROJECT No: CN200072RJD

LEE COUNTY

TEN MILE CANAL WESTERN BERM FROM US 41 TO OLD US 41
FDOT PERMIT #: 2021-D-192-00032
SFWMD PERMIT APPLICATION #: 210824-7213

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2-3	DRAINAGE MAP
4	SUMMARY OF PAY ITEMS
5	SUMMARY OF DRAINAGE STRUCTURES
6	TYPICAL SECTION
7	GENERAL NOTES
8-10	BERM PLAN PROFILE
11-13	DRAINAGE STRUCTURES
14-26	CROSS SECTIONS
27	DRAINAGE DETAIL
28-29	BACKFLOW PREVENTERS DETAIL SHEET
30-31	STORMWATER POLLUTION PREVENTION PLAN SHEET
32-34	EROSION CONTROL
35-36	SUMMARY OF QUANTITIES

COUNTY COMMISSIONERS

- DISTRICT 1: KEVIN RUANE
- DISTRICT 2: CECIL PENDERGRASS, CHARIMAN
- DISTRICT 3: RAY SANDELLI, VICE CHARIMAN
- DISTRICT 4: BRIAN HAMMAN
- DISTRICT 5: FRANK MANN

GOVERNING DESIGN STANDARDS:

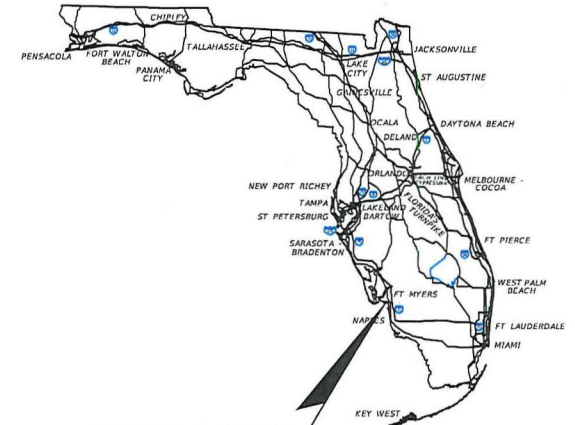
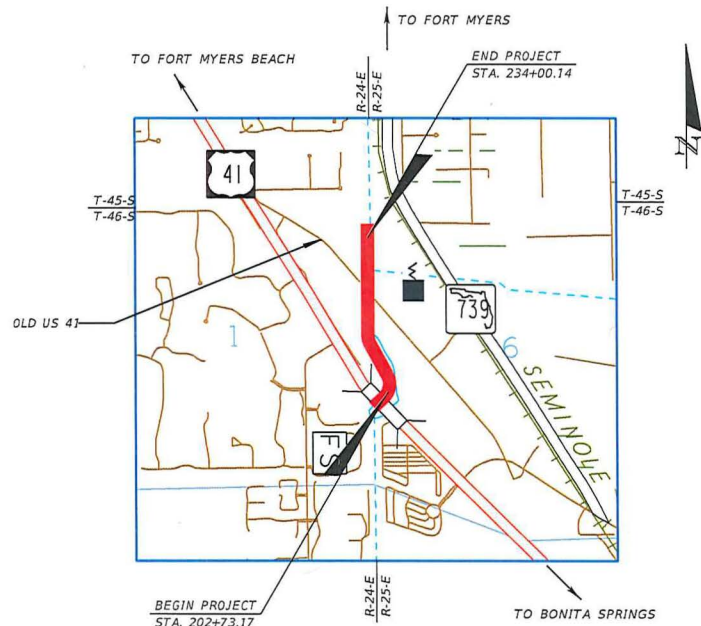
Florida Department of Transportation, FY 2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <https://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component.

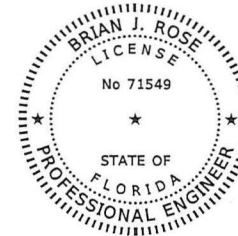
GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2022 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fdot.gov/programmanagement/implemented/SpecBooks>



PROJECT LOCATION

<https://fgoo.gl/maps/CL2yBbIVcVvaACTc39>



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.

100% PLANS
APRIL 2022



ROADWAY PLANS
ENGINEER OF RECORD:

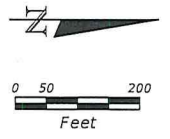
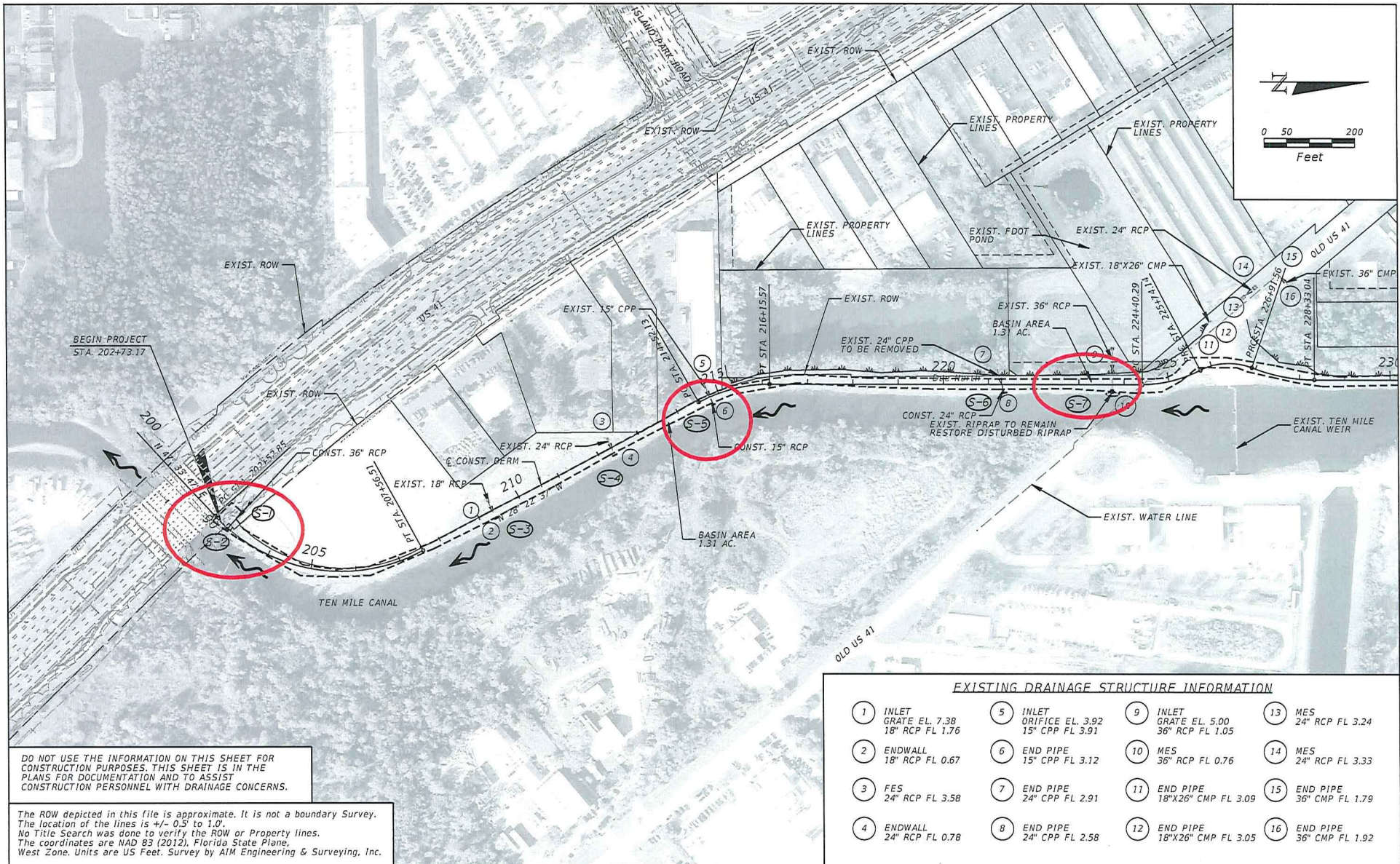
BRIAN ROSE, P.E.
P.E. NO.: 71549
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
13461 PARKER COMMONS BLVD., SUITE 104
FORT MYERS, FLORIDA 33912
PHONE: (239) 278-5999
FAX: (239) 278-1776
VENDOR NO. 59-1677145

DIVISION OF NATURAL RESOURCES

BECCAGAYLE REIDE, P.E.

SHEET NO.

1



BEGIN PROJECT
STA. 202+73.17

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

The ROW depicted in this file is approximate. It is not a boundary Survey. The location of the lines is +/- 0.5' to 1.0'. No Title Search was done to verify the ROW or Property lines. The coordinates are NAD 83 (2011), Florida State Plane, West Zone. Units are US Feet. Survey by AIM Engineering & Surveying, Inc.

EXISTING DRAINAGE STRUCTURE INFORMATION			
1 INLET GRATE EL. 7.38 18" RCP FL 1.76	5 INLET ORIFICE EL. 3.92 15" CPP FL 3.91	9 INLET GRATE EL. 5.00 36" RCP FL 1.05	13 MES 24" RCP FL 3.24
2 ENDWALL 18" RCP FL 0.67	6 END PIPE 15" CPP FL 3.12	10 MES 36" RCP FL 0.76	14 MES 24" RCP FL 3.33
3 FES 18" RCP FL 3.58	7 END PIPE 24" CPP FL 2.91	11 END PIPE 18"x26" CMP FL 3.09	15 END PIPE 36" CMP FL 1.79
4 ENDWALL 24" RCP FL 0.78	8 END PIPE 24" CPP FL 2.58	12 END PIPE 18"x26" CMP FL 3.05	16 END PIPE 36" CMP FL 1.92

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA 13641 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
KISINGER CAMPO Engineer of Record: Brian J. Rose
& ASSOCIATES P.E. No.: 71549

LEE COUNTY DEPARTMENT OF NATURAL RESOURCES		
ROAD	COUNTY	CONTRACT NO.
TEN MILE CANAL	LEE	CN200072R/D

DRAINAGE MAP (1)

SHEET NO.
2

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QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN AND CROSSDRAIN			STRAIGHT CONCRETE HEADWALL				DITCH BOTTOM INLET	MITERED END SECTION (1:2)	REMARKS		
						ROUND			0 DEGREES		15 DEGREES					D	ROUND
						15"	24"	36"	15"	18"	24"	24"					
P	S-1	202+92.85	LT	DBI, PIPE	1			58									
F																	
P	S-2	202+92.16	RT	MES	1								1		W/ BACKFLOW PREVENTER		
F																	
P	S-3	209+32.53	RT	HEADWALL	1				1						W/ BACKFLOW PREVENTER		
F																	
P	S-4	212+32.53	RT	HEADWALL	1					1					W/ BACKFLOW PREVENTER		
F																	
P	S-5	214+80.84	RT	HEADWALL, PIPE	1	15			1						W/ BACKFLOW PREVENTER		
F																	
P	S-6	221+35.41	RT	HEADWALL, PIPE	1		17				1				W/ BACKFLOW PREVENTER		
F																	
P	S-7	223+73.69	RT	MES	1								1		W/ BACKFLOW PREVENTER		
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SUMMARY																	
				PLAN QUANTITY	P	15	17	58	1	1	1	1	1	2			
				FINAL QUANTITY	F												

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 Engineer of Record: Brian J. Reese
 & ASSOCIATES P.E. No.: 71548

LEE COUNTY DEPARTMENT OF NATURAL RESOURCES		
ROAD	COUNTY	CONTRACT NO.
TEN MILE CANAL	LEE	CN200072RJD

**SUMMARY OF DRAINAGE
STRUCTURES**

SHEET NO.
5

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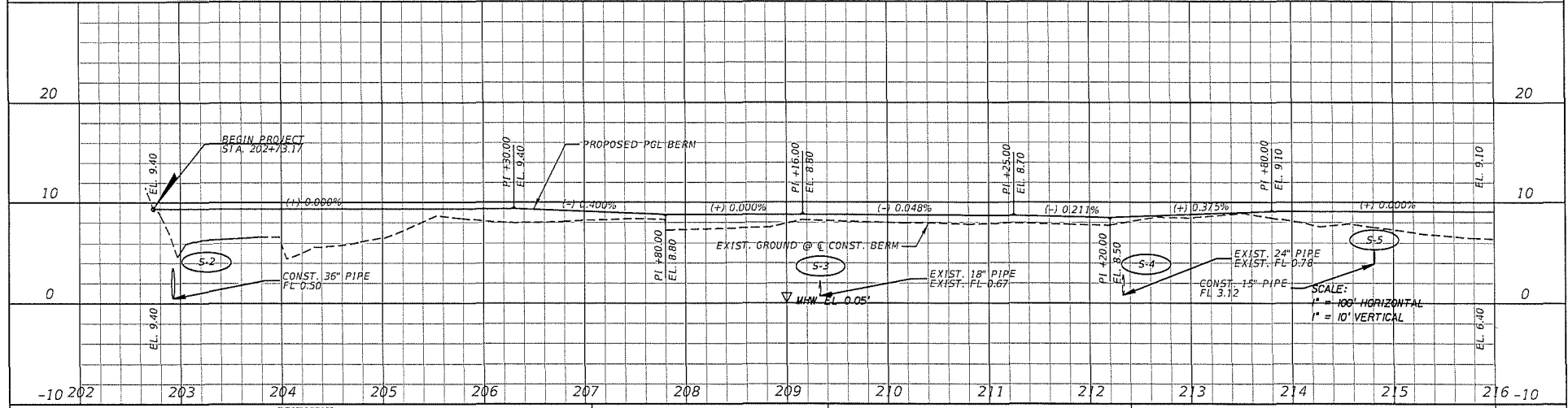
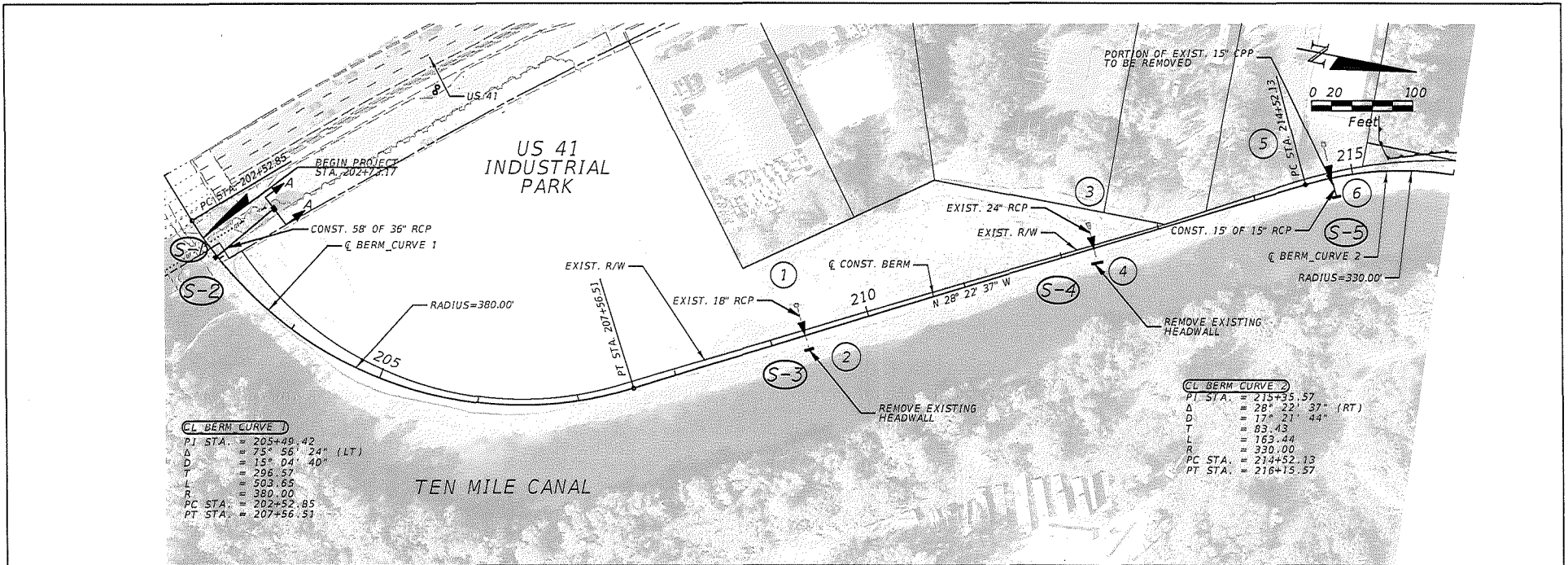
GENERAL NOTES

1. THE HORIZONTAL CONTROL FOR THIS PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83 (2011)). BENCHMARK ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
BOB POTTER, PSM, AIM ENGINEERING
3. UTILITY OWNERS/AGENCIES CONTACT INFORMATION:

	COMPANY	CONTACT	TELEPHONE NUMBERS
	CENTURYLINK	ON DUTY TECHNICIAN	(877) 366-8344 X3
	CENTURYLINK	THOMAS STURMER	(720) 578-8090
	COMCAST	USIC DISPATCH	(800) 778-9140
	FLORIDA POWER & LIGHT	USIC DISPATCH	(800) 778-9140
	SUMMIT BROADBAND	CHARLES HARTSOCK	(239) 444-0033 X7433
	LEE COUNTY SIGNAL DEPT.	MICHAEL PADGETT	(239) 533-9500
	LEE COUNTY IRRIGATION	CHINA ABRAMS	(239) 533-9500
	LEE COUNTY UTILITIES	JAY STOTT	(239) 634-1106
	CROWN CASTLE NG	DISPATCH	(801) 364-1063
	TECO PEOPLES GAS	BRENDA PERRY	(239) 690-5526
4. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY OWNERS WITHIN THE PROJECT'S LIMITS AND COORDINATING AND OBTAINING PROPOSED RELOCATION/INSTALLATION SCHEDULES FOR ALL IMPACTED UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND VERIFYING THE EXACT LOCATION OF ALL EXISTING UTILITIES.
5. THE CONTRACTOR MUST NOT DURING OR AFTER CONSTRUCTION INTRODUCE ANY FORM OF UNPERMITTED STORM WATER DISCHARGE INTO THE RIGHT OF WAY OR EASEMENTS.
6. USE CAUTION DURING EXCAVATION TO ENSURE EXISTING DRAINAGE STRUCTURES AND UTILITIES ARE NOT DAMAGED. AT THE COMPLETION OF THE PROJECT ALL DISTURBED SURFACES SHALL BE COVERED BY SOD.
7. TEMPORARY TRAFFIC CONTROL MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS INDEX 102.
8. DURING CONSTRUCTION, THE CONTRACTOR MAY NEED TO EXCAVATE CAP ROCK TO ALLOW FOR PLACEMENT OF PIPE, HEADWALLS, BACKFLOW PREVENTERS, AND OTHER PROPOSED INFRASTRUCTURE.
9. IT HAS BEEN THE EXPERIENCE OF THE COUNTY, WITH PROJECTS CONSTRUCTED WITHIN THIS GENERAL GEOGRAPHIC AREA, THAT ALTHOUGH PRELIMINARY BORINGS DID NOT INDICATE A CONSTANT PRESENCE OF ROCK, ROCK WAS ENCOUNTERED WHILE PERFORMING UNDERGROUND INSTALLATIONS. THEREFORE, THE CONTRACTOR SHOULD CONSIDER THE INCREASED COST OF ALL UNDERGROUND WORK ACTIVITIES WHILE PREPARING THEIR BID. ALL COST OF ROCK EXCAVATION SHALL BE INCLUDED IN THE APPROPRIATE ITEMS OF WORK CONTAINED WITHIN THE CONTRACT. NO EXTRA COMPENSATION OR TIME WILL BE ALLOWED FOR ADDITIONAL WORK DIRECTLY ASSOCIATED WITH THE SPLITTING, EXCAVATION, CRUSHING, DISPOSAL, OR REPLACEMENT OF DISPLACED VOLUME OF EXTRACTED ROCK WITH FILL MATERIAL OR SPECIAL HANDLING OF ROCK.
10. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS STATED OTHERWISE.
11. OBTAIN THE NPDES PERMIT PRIOR TO CONSTRUCTION. **NPDES permit not required due to limited scope of work**
12. ALL WORK WITHIN IN THE FDOT ROW MUST COMPLY WITH CRITERIA SHOWN IN THE FDOT DESIGN MANUAL AND FDOT STANDARD PLANS FOR ROAD CONSTRUCTION.
13. CONTRACTOR TO PROVIDE TO LEE COUNTY DEVELOPMENT SERVICES DIVISION NOTICE OF INTENT WITH EVIDENCE IT HAS BEEN FILED WITH FDEP. DOCUMENTATION SHALL BE PROVIDED TO DEVELOPMENT SERVICES DIVISION NO LESS THAN 48 HOURS PRIOR TO THE START OF CONSTRUCTION. **NPDES permit not required.**
14. APPLY FOR A LEE COUNTY RIGHT OF WAY (ROW) PERMIT AND BOND PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES WITHIN THE COUNTY ROW. THE CONTRACTOR WILL BE RESPONSIBLE FOR FOR DAMAGE TO ANY EXISTING UTILITIES, DRAINAGE STRUCTURES, SIDEWALK/SHARED USE PATH, REGULATORY AND TRAFFIC SIGNS, TRAFFIC CONTROL DEVICES, TRAFFIC COUNT STATIONS, PULL BOXES, FIBER OPTIC CABLES, AND PAVEMENT WITHIN THE COUNTY ROW DUE TO PROPOSED CONSTRUCTION ACTIVITIES.
15. STAKE SOD ON 1:2 SLOPES OR STEEPER.
16. VERIFY PIPE ROUNDESS AND PIPE END TREATMENT CONDITION AND COORDINATE WITH THE BACKFLOW PREVENTION DEVICE MANUFACTURER PRIOR TO CONSTRUCTING PROPOSED END TREATMENT.
17. ALL PROPOSED PIPES MUST BE STEEL REINFORCED CONCRETE, CLASS II.

REVISIONS				 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Brian J. Rose & ASSOCIATES P.E. No.: 71549	LEE COUNTY DEPARTMENT OF NATURAL RESOURCES			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	CONTRACT NO.		7
					TEN MILE CANAL	LEE	CN200072RJD		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

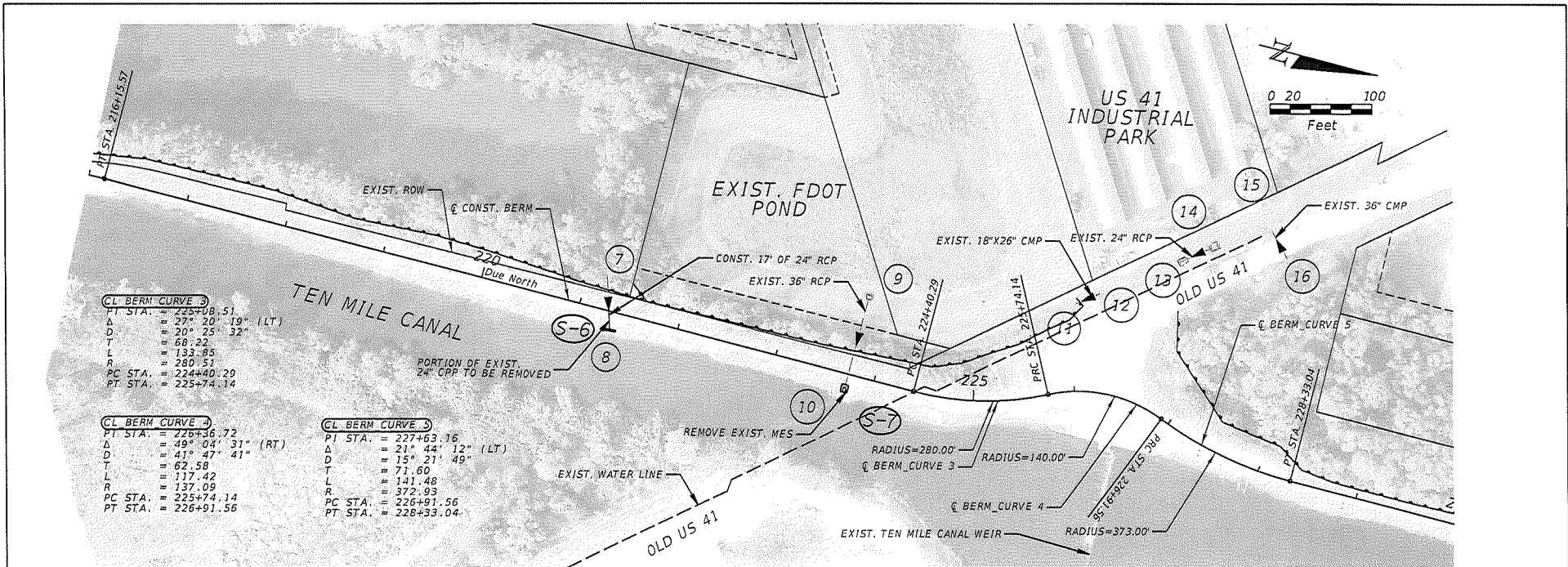
KCA
 KISINGER CAMP & ASSOCIATES
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 Engineer of Record: Brian J. Rose
 P.E. No.: 71549

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
TEN MILE CANAL	LEE	CN200072RJD

BERM PLAN PROFILE (1)
STA. 202+00.00 TO STA. 216+00.00

SHEET NO.
8

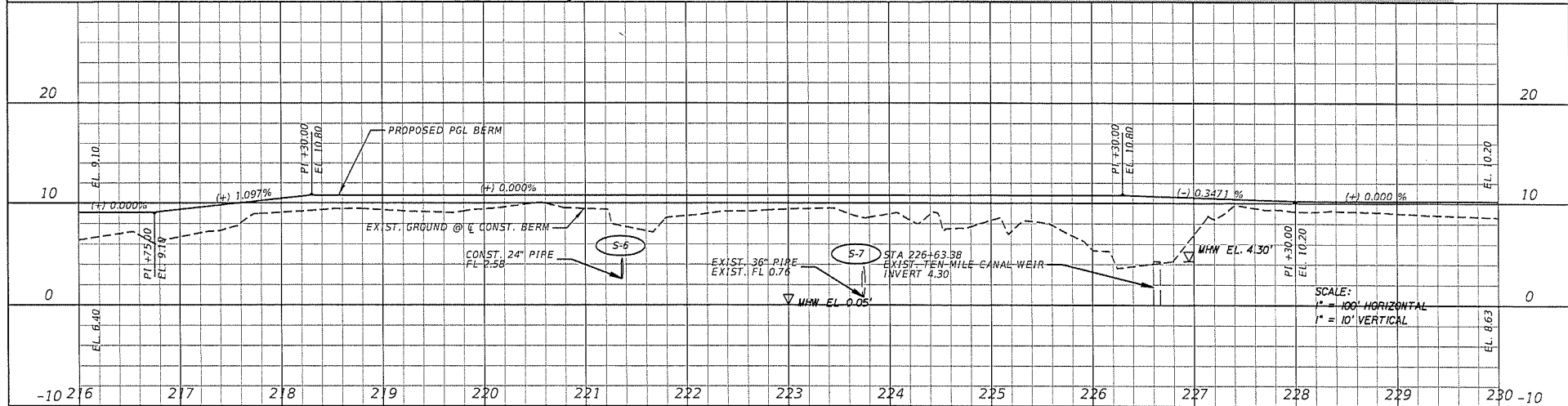
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CL BERM CURVE 3
 PT STA. = 225+08.51
 Δ = 27° 20' 19" (LT)
 D = 20° 25' 32"
 T = 68.22
 L = 133.85
 R = 280.51
 PC STA. = 224+40.29
 PT STA. = 225+74.14

CL BERM CURVE 4
 PT STA. = 226+36.72
 Δ = 49° 04' 31" (RT)
 D = 41° 47' 41"
 T = 62.58
 L = 117.42
 R = 137.09
 PC STA. = 225+74.14
 PT STA. = 226+91.56

CL BERM CURVE 5
 PT STA. = 227+63.16
 Δ = 21° 44' 12" (LT)
 D = 15° 21' 49"
 T = 71.60
 L = 141.48
 R = 372.93
 PC STA. = 226+91.56
 PT STA. = 228+33.04



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

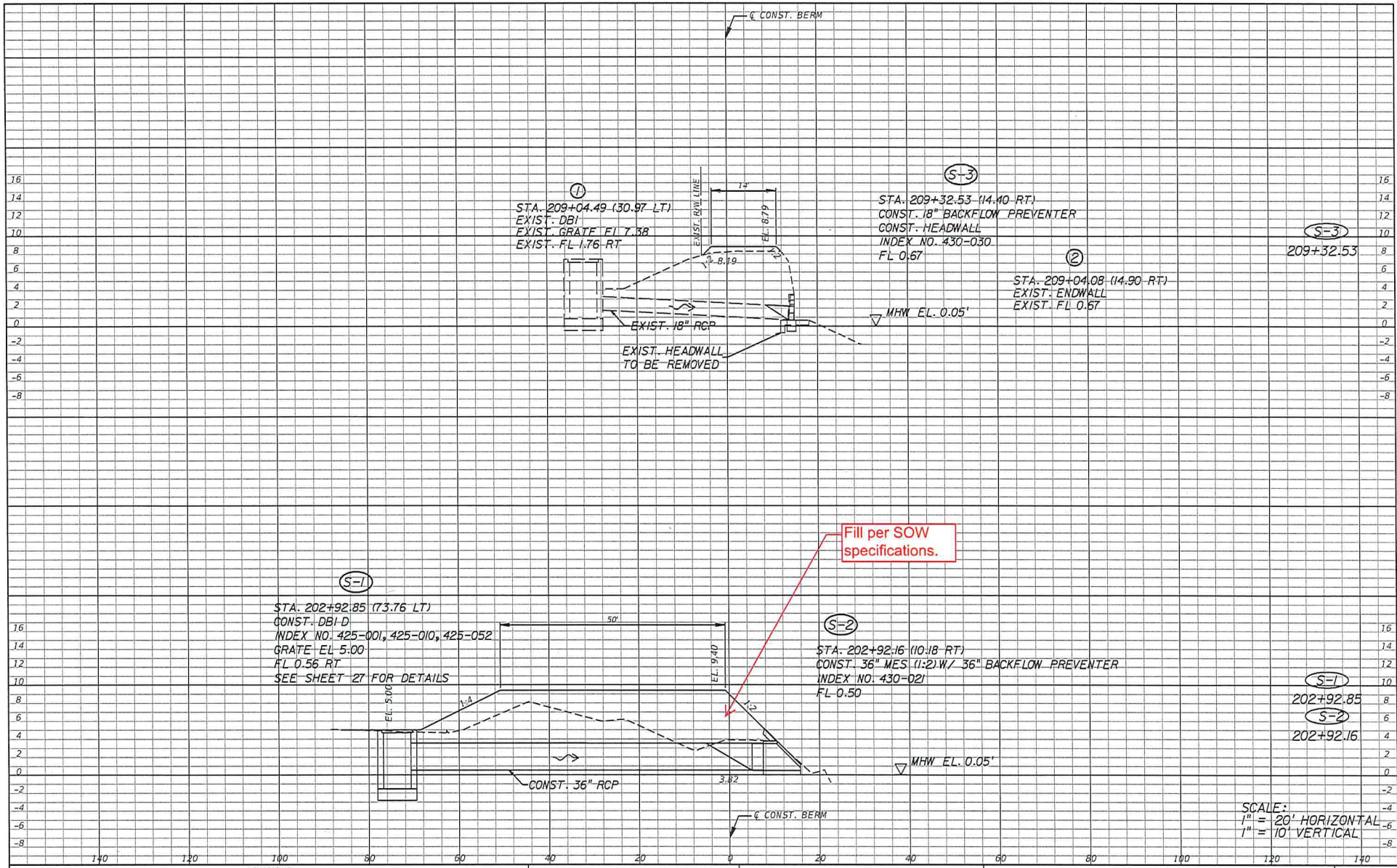
KCA
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 KISINGER CAMPO, Engineer of Record: Brian J. Ross
 & ASSOCIATES P.E. No. 71549

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	CONTRACT NO.
TEN MILE CANAL	LEE	CN200072RJ

BERM PLAN PROFILE (2)
STA. 216+00.00 TO STA. 230+00.00

SHEET NO.
9

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA 13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
KISINGER CAMPO Engineer of Record: Brian J. Rose
& ASSOCIATES P.E. No.: 71549

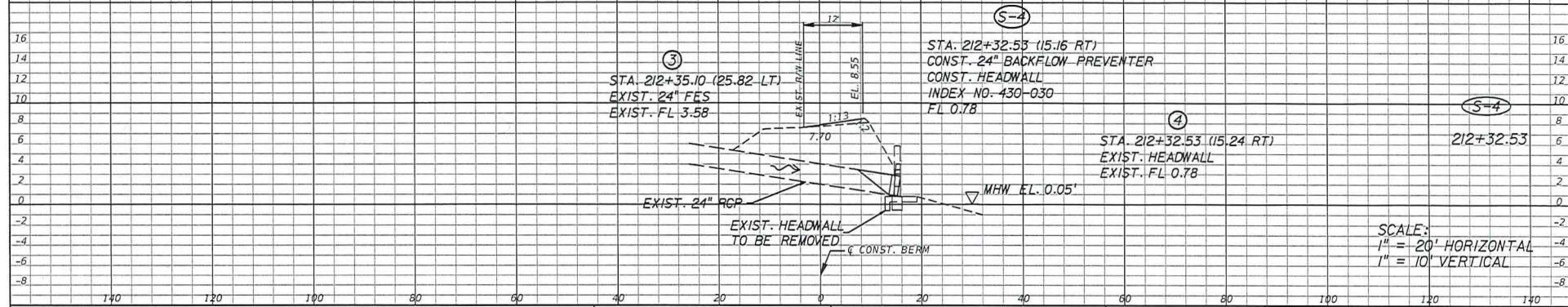
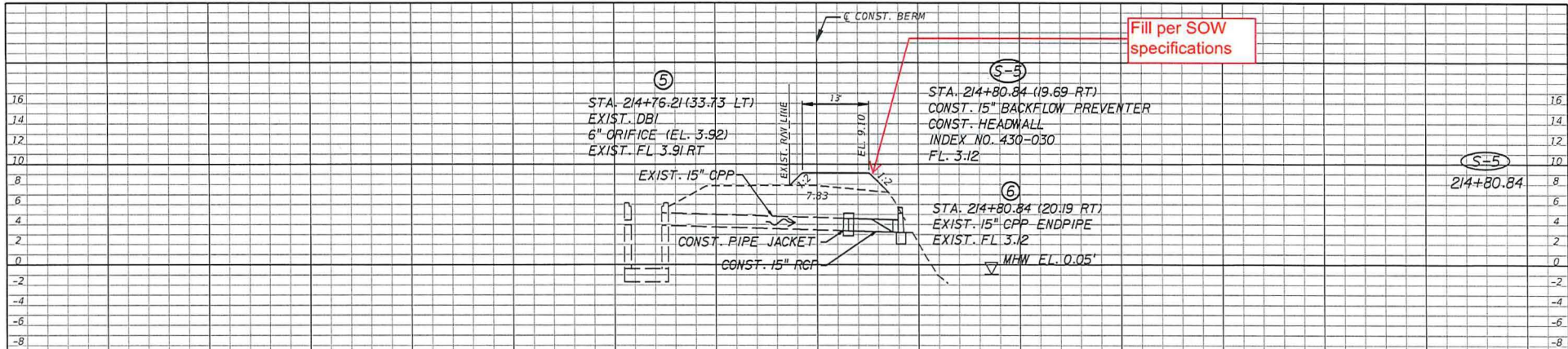
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
TEN MILE CANAL	LEE	CN200072RJD

DRAINAGE STRUCTURES (1)

SHEET NO.
11

SCALE:
1" = 20' HORIZONTAL
1" = 10' VERTICAL

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Fort Myers, Florida 33912
KISINGER CAMPO, Engineer of Record: Brian J. Rose
& ASSOCIATES P.E. No.: 71549

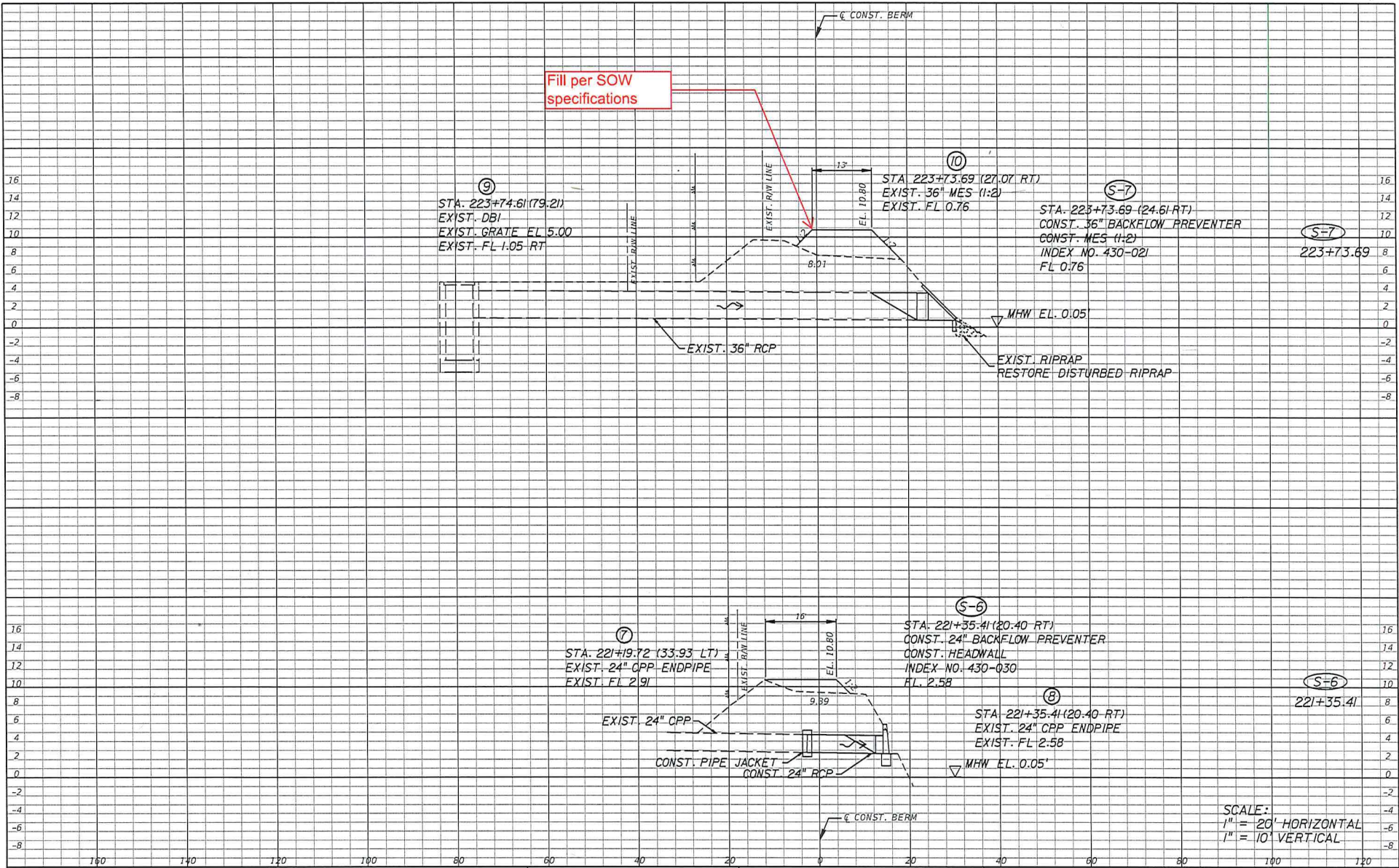
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	PROJECT NO.
TEN MILE CANAL	LEE	CN200072RJD

DRAINAGE STRUCTURES (2)

SHEET NO.
12

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Fort Myers, Florida 33912
KISINGER CAMPO Engineer of Record: Brian J. Rose
& ASSOCIATES P.E. No.: 71549

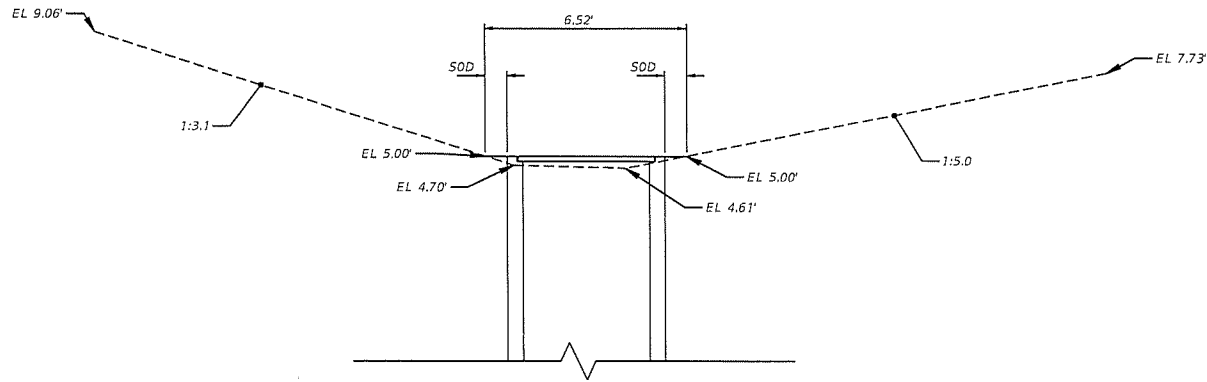
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	PROJECT NO.
TEN MILE CANAL	LEE	CN200072R/D

DRAINAGE STRUCTURES (3)

SHEET NO.
13

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STRUCTURE S-1 DETAIL
SECTION A-A

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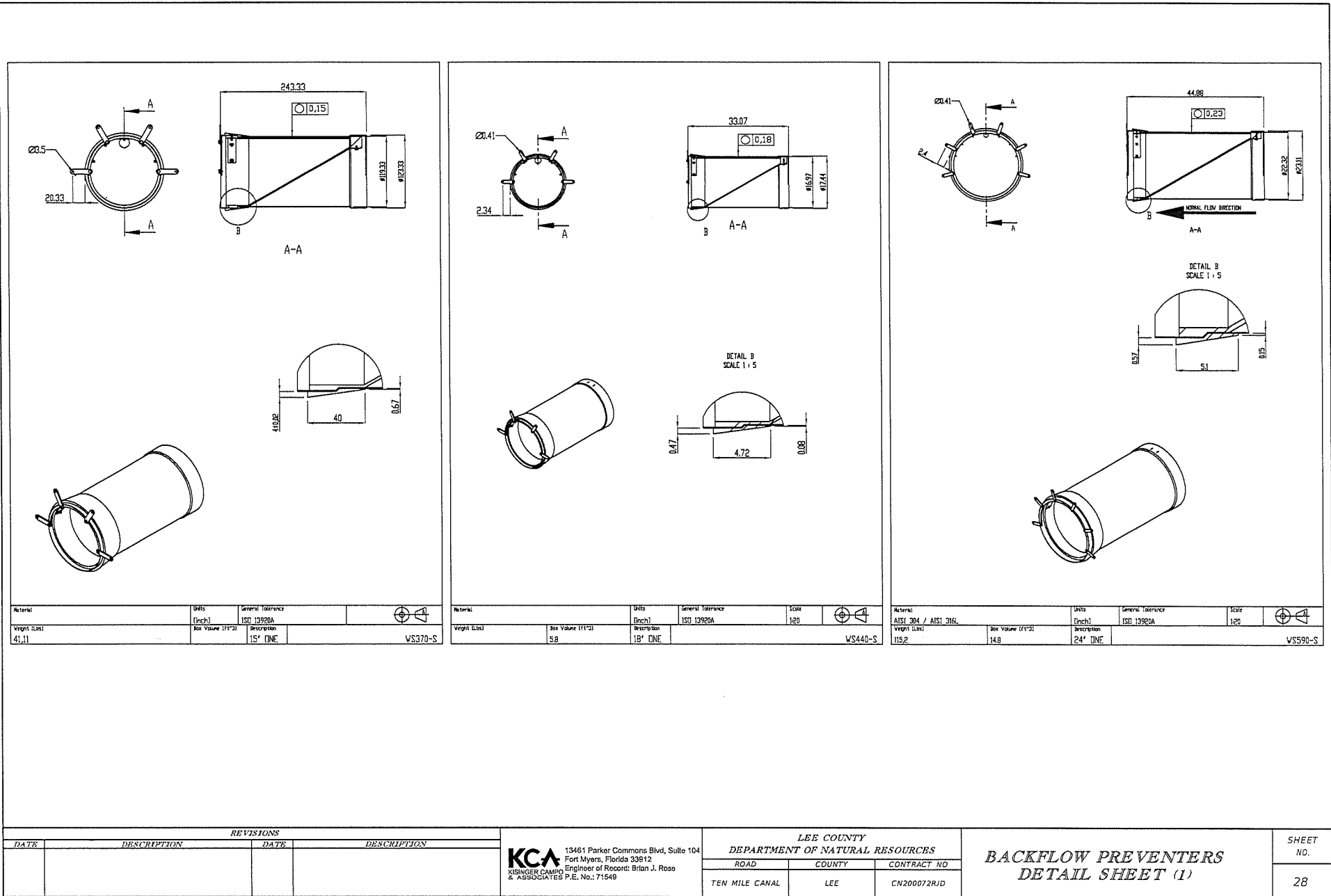
REVISIONS				KCA 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Brian J. Rose K&S ENGINEERING & ASSOCIATES P.E. No.: 71549	LEE COUNTY DEPARTMENT OF NATURAL RESOURCES			DRAINAGE DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	CONTRACT NO.		27
					TEN MILE CANAL	LEE	CN200072RJD		

crichards

4/11/2022

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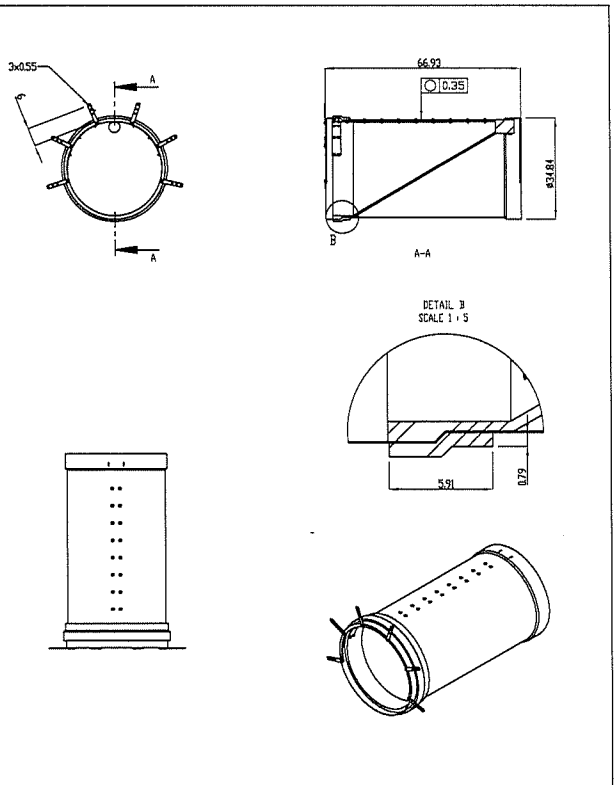
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 KISINGER CAMPO Engineer of Record: Brian J. Rosa
 & ASSOCIATES P.E. No.: 71549

LEE COUNTY DEPARTMENT OF NATURAL RESOURCES		
ROAD	COUNTY	CONTRACT NO
TEN MILE CANAL	LEE	CN200072RID

**BACKFLOW PREVENTERS
 DETAIL SHEET (1)**

SHEET NO.
28



Material	Weight (Lbs)	Box Volume (Ft ³)	Utility (Inch)	General Tolerance	Scale	
AISI 304/ AISI 316L	272	272	36" DNE	ISO 13920A	1:30	

VS885-S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 KIRSHNER CAMPO & ASSOCIATES P.E. No.: 71549
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33812
 Engineer of Record: Brian J. Rose

LEE COUNTY DEPARTMENT OF NATURAL RESOURCES		
ROAD	COUNTY	CONTRACT NO
TEN MILE CANAL	LEE	CN200072RID

**BACKFLOW PREVENTERS
 DETAIL SHEET (2)**

SHEET NO.
29

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US 41 Industrial Park Backflow 2023/2024
February 20, 2024

Name	Company	Phone	Email
Jennifer Hubbard	Lee County		
Beckie Reide	Lee County		
Chris Mettauer	Mettauer Enviro	239-633-3344	Chris@MCP.com
Jeff Boyd	Boyd Irrigation Inc	239-707-3200	JBoyd@BoydIrrigation.com
Scott Ferrell	BC Undergronds	239-478-8056	sferrell@bcund.com
Leo Bateman	Bateman Contracting	239-482-9826	Lmaynard@bateman
Matt Grenier	Mettauer Env.	239-231-5662	MattG@aol.com MattG@MCP.com

~~XXXXXX~~ →

BID TABULATION	
Bid Title:	US 41 Industrial Park Backflow Preventer 2023/2024
Received By:	Jennifer Hubbard
Title:	Natural Resources Project Manager
Verified By:	Marie Thevenin
Attended Pre- Bid Opening:	See Sign-In Sheet

CONTRACTOR	COST
Boyd Irrigation, Inc.	\$198,995
Mettauer Environmental	\$328,656
Stevens and Layton, Inc	No bid
Ajax Paving Industries of FL LLC	No bid
BC Underground LLC	No bid
Community Asphalt Corp.	No bid
Denco Construction, Inc.	No bid
Pavement Maintenance, LLC	No bid
Preferred Materials, Inc.	No bid
Russ Berner Construction Inc.	No bid