

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- STRUCTURE PLANS
- UTILITY PLANS

SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4 - 7	DRAINAGE MAP
8 - 10	OFFSITE DRAINAGE MAP
11 - 16	TYPICAL SECTION
17 - 18	TYPICAL SECTION DETAILS
19 - 22	SUMMARY OF DRAINAGE STRUCTURES
23 - 24	PROJECT LAYOUT
25	GENERAL NOTES
26 - 46	PLAN & PROFILE
47 - 56	PLAN OFFSITE CONSTRUCTION
57	SPECIAL PROFILE
58 - 59	TRANSITION DETAILS
60 - 63	ROUNDBOUT DETAILS
64 - 78	DRAINAGE STRUCTURES
79 - 90	POND PLAN
91 - 92	DRAINAGE DETAILS
93 - 123	CROSS SECTIONS
124	CROSS SECTIONS DRIVEWAYS
125 - 126	STORM WATER POLLUTION PREVENTION PLAN
127 - 128	EROSION CONTROL
129	TRAFFIC CONTROL
130 - 142	UTILITY ADJUSTMENTS
SQ-1 - SQ-13	SUMMARY OF QUANTITIES
CTL-1 - CTL-3	PROJECT CONTROL
G-1	ROADWAY SOILS SURVEY

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2024-25 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: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR \_\_\_-\_\_\_-

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

GOVERNING STANDARD SPECIFICATIONS:

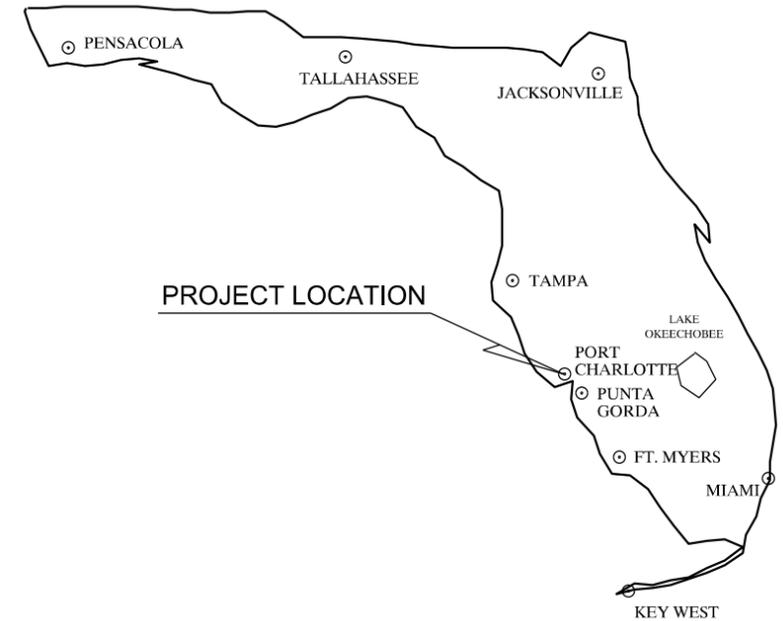
Florida Department of Transportation, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/implemented/SpecBooks>

# CHARLOTTE COUNTY PUBLIC WORKS ENGINEERING DIVISION

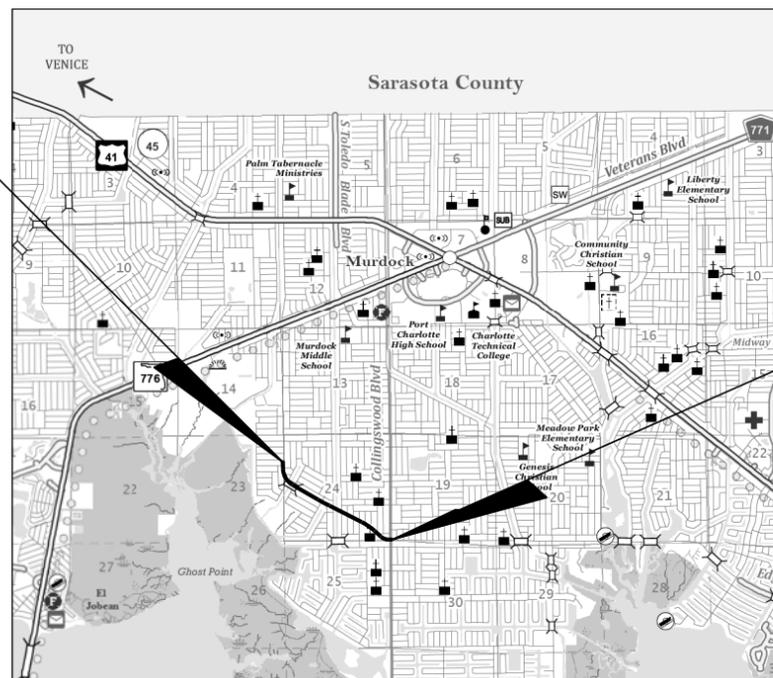
## PLANS OF PROPOSED Flamingo Blvd. / Edgewater Dr. Widening Improvements

### ROADWAY PLANS

#### Phase IV: Juliet Ave. to Collingswood Blvd.



**BEGIN PROJECT  
STA. 163+17.28**



**END PROJECT  
STA. 240+50.00**

CHARLOTTE CO.: SEC 13, 14, 23, 24, 25    TWN 40S - RNG 21E  
SEC 19, 20, 29, 30    TWN 40S - RNG 22E

**LOCATION MAP**

CHARLOTTE COUNTY  
BOARD OF COUNTY COMMISSIONERS

- DISTRICT 1 - KEN DOHERTY
- DISTRICT 2 - CHRISTOPHER CONSTANCE
- DISTRICT 3 - BILL TRUEX
- DISTRICT 4 - STEPHEN R. DEUTSCH
- DISTRICT 5 - JOE TISEO

DIRECTOR OF PUBLIC WORKS - JOHN ELIAS  
COUNTY ENGINEER - JOANNE VERNON, P.E.

CHARLOTTE COUNTY  
PUBLIC WORKS  
ENGINEERING  
410 TAYLOR STREET, UNIT 104  
PUNTA GORDA, FLORIDA 33950  
(941) 575-3600

**ATTENTION IS DIRECTED TO THE FACT THAT  
THESE PLANS MAY HAVE BEEN REDUCED IN  
SIZE BY REPRODUCTION. THIS MUST BE  
CONSIDERED WHEN OBTAINING SCALED DATA.**

**100% PLAN SUBMITTAL**

ENGINEERING CERTIFICATION

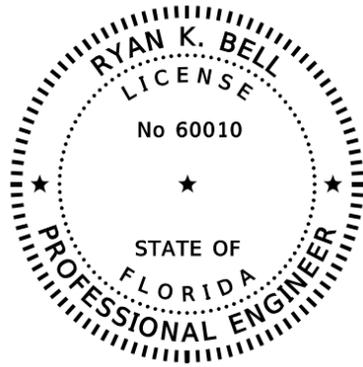
I HEREBY CERTIFY THAT THE DESIGN OF THIS PROJECT UNDER MY DIRECTION COMPLIES WITH THE CURRENT MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS AS ADOPTED BY THE F.D.O.T. PURSUANT TO SUBSECTION 336.045 OF THE FLORIDA STATUTES.

DATE \_\_\_\_\_ RYAN K. BELL, P.E. NO. 60010

**48 HOURS BEFORE DIGGING  
" CALL SUNSHINE "  
1-800-432-4770**



Johnson Engineering, Inc.  
2122 Johnson Street  
Fort Myers, Florida 33901  
Certificate of Authorizatn No. 642



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

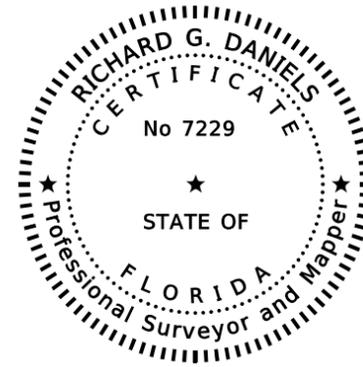
ON THE DATE ADJACENT TO THE SEAL

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JOHNSON ENGINEERING, INC.,  
2122 JOHNSON STREET  
FORT MYERS, FLORIDA 33901  
RYAN K. BELL, P.E. NO. 60010

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

1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4 - 7	DRAINAGE MAP
8 - 10	OFFSITE DRAINAGE MAP
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129	TRAFFIC CONTROL
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SQ-1 - SQ-13	SUMMARY OF QUANTITIES



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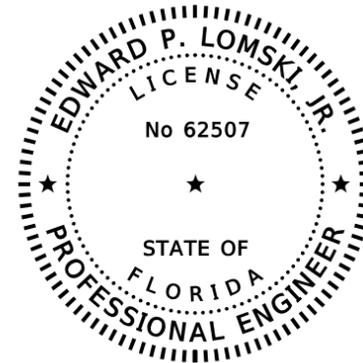
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JOHNSON ENGINEERING, INC.  
2122 JOHNSON STREET  
FORT MYERS, FLORIDA 33901  
RICHARD G. DANIELS, P.S.M.

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

CTL-1 - CTL-3 PROJECT CONTROL SURVEY



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

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LOMSKI ENGINEERING & TESTING  
17210 TOLEDO BLADE BLVD  
PROT CHARLOTTE, FL 33954  
EDWARD P. LOMSKI, JR., P.E. NO. 62507

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

G-1 ROADWAY SOILS SURVEY

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO.  <b>2</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	

**SUMMARY OF PAY ITEMS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101 1	Mobilization	LS	1
101 1 B	As-built Survey	LS	1
102 1	Maintenance of Traffic	LS	1
104 10 3	Sediment Barrier	LF	18,884
104 11	Floating Turbidity Barrier	LF	2,023
104 15	Soil Tracking Prevention Device	EA	2
104 18	Inlet Protection System	EA	59
107 2A	Mowing	LS	1
110 1 1	Clearing and Grubbing	LS	1
120 1	Excavation Regular	CY	328,282
120 6	Embankment	CY	46,451
160 4	Type B Stabilization LBR 70	SY	56,878
285 706	Optional Base, Base Group 06	SY	1,887
285 709	Optional Base, Base Group 09	SY	37,993
327 70 6	Milling Exist. Pavement, 1.5" Avg Depth	SY	3,882
334 1 12	Asphalt Leveling course, Type S-I (1.5")	TN	60
334 1 13	Asphalt Structural Course, Type S-I (1.5")	TN	786.9
334 1 14	Asphalt Structural Course, Type S-I (3.0")	TN	4,543.0
337 7 82	Asphalt Surface Course, Type S-III (1.5")	TN	3,412.9
339 1	Miscellaneous Asphalt Pavement	TN	24.4
350 4 9	Reinforced Cement Concrete Pavement, 10"	SY	478
400 1	Class I Concrete	CY	7.8
425 1 351	Inlets Curb, Type P-5, <10'	EA	6
425 1 361	Inlets, Curb, TYPE P-6, <10'	EA	5
425 1 451	Inlets, Curb, TYPE J-5, <10'	EA	10
425 1 461	Inlets, Curb, Type J-6, <10'	EA	1
425 1 521	Inlets, Ditch Bottom, Type C, <10'	EA	10
425 1 521A	Inlets, Ditch Bottom, Type C, P-BOTTOM, <10'	EA	2
425 1 523	Inlets, Ditch Bottom, Type C, J-BOTTOM, <10'	EA	2
425 1 541	Inlets, Ditch Bottom, Type D, <10'	EA	13
425 1 543	Inlets, Ditch Bottom, Type D, J BOT, <10'	EA	1
425 1 581	Inlets, Ditch Bottom, Type H, 4 Grate, <10'	EA	3
425 1 589A	Inlets, Ditch Bottom, Type H Modified, 2 Grate, <10'	EA	4
425 1 589B	Inlets, Ditch Bottom, Type H Modified, 4 Grate, <10'	EA	2
425 2 61	Manholes, P-8, <10'	EA	1
425 2 91	Manholes, J-8, <10'	EA	2
430 175 118	Pipe Culvert (RCP) (18")	LF	1,061
430 175 124	Pipe Culvert (RCP) (24")	LF	314
430 175 130	Pipe Culvert (RCP) (30")	LF	1,707
430 175 136	Pipe Culvert (RCP) (36")	LF	2,844
430 175 142	Pipe Culvert (RCP) (42")	LF	251
430 518 100	Straight Concrete Endwalls, 18", Single, 0 DEGREES, ROUND	EA	10
430 524 100	Straight Concrete Endwalls, 24", Single, 0 DEGREES, ROUND	EA	1
430 530 100	Straight Concrete Endwalls, 30", Single, 0 DEGREES, ROUND	EA	3
430 530 200	Straight Concrete Endwalls, 30", Double, 0 DEGREES, ROUND	EA	3
430 536 100	Straight Concrete Endwalls, 36", Single, 0 DEGREES, ROUND	EA	20
430 536 200	Straight Concrete Endwalls, 36", Double, 0 DEGREES, ROUND	EA	2
430 542 100	Straight Concrete Endwalls, 42", Single, 0 DEGREES, ROUND	EA	2
430 982 125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1
520 1 7	Concrete Curb & Gutter, Type E	LF	128
520 1 10	Concrete Curb & Gutter, Type F	LF	10,728
520 2 4	Concrete Curb, Type D	LF	513
520 2 8	Concrete Curb, Type RA	LF	645
522 1	Concrete Sidewalk, 4" Thick	SY	7,583
522 2	Concrete Sidewalk, Driveways and Median Noses, 6" Thick	SY	276
523 1	Patterned Pavement, Vehicular Areas	SY	754
527 2	Detectable Warnings	SF	785

**SUMMARY OF PAY ITEMS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
536-1-1	Guardrail, Roadway, General TL-3	LF	653
536-8-112	Guardrail, Transition Connection to Rigid Barrier, F&I Index 536-001, Approach TL-3	EA	6
536-73	Guardrail Removal	LF	207
536-85-24	Guardrail End Treatment, Parallel Approach Terminal	EA	6
530 3 4	RipRap, Rubble, F&I, Ditch Lining	TN	289
570 1 2	Performance Turf, Sod	SY	159,051

**REVISIONS**

DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY  
PUBLIC WORKS DEPARTMENT

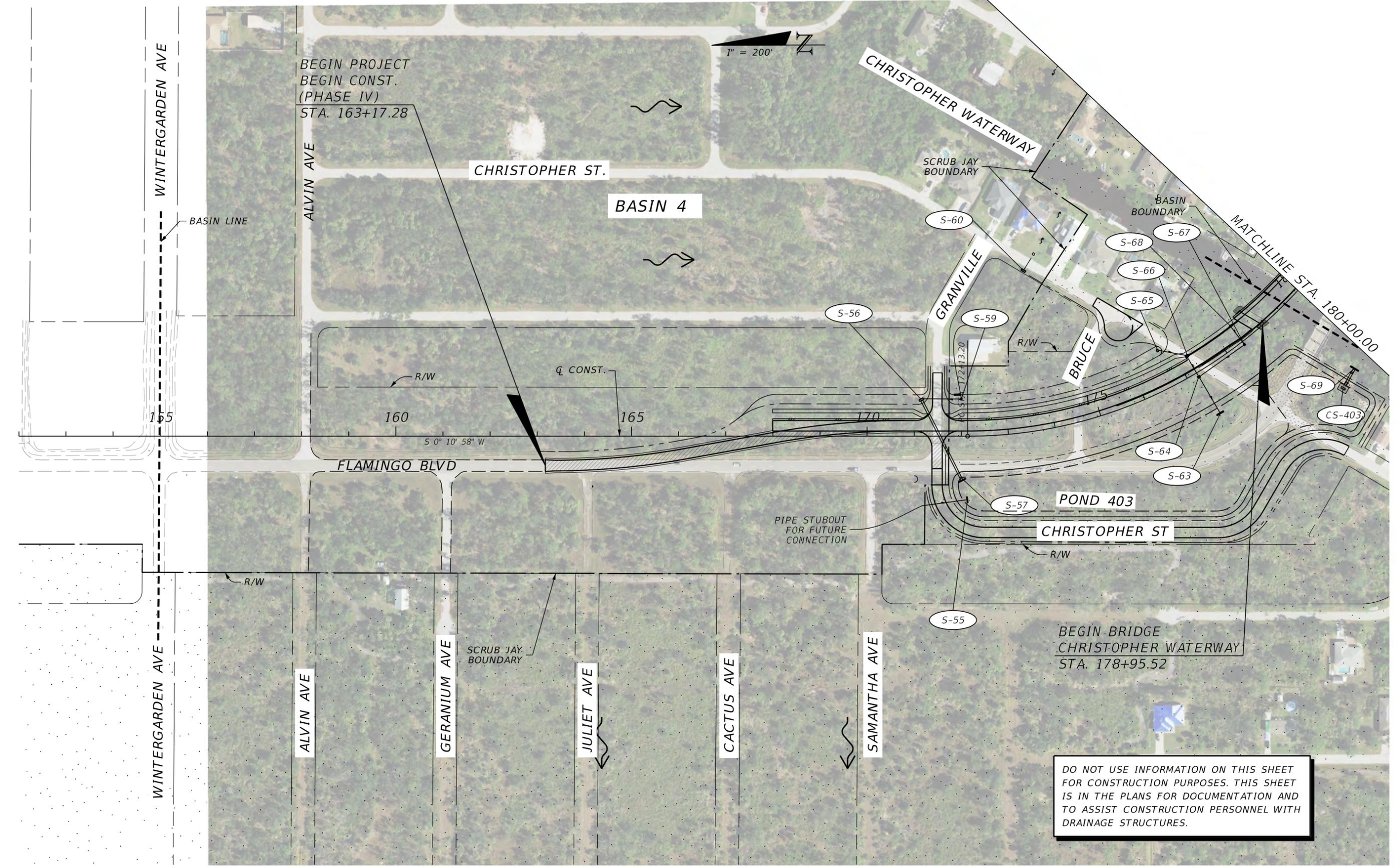
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF PAY ITEMS**

SHEET NO.

3

1" = 200'



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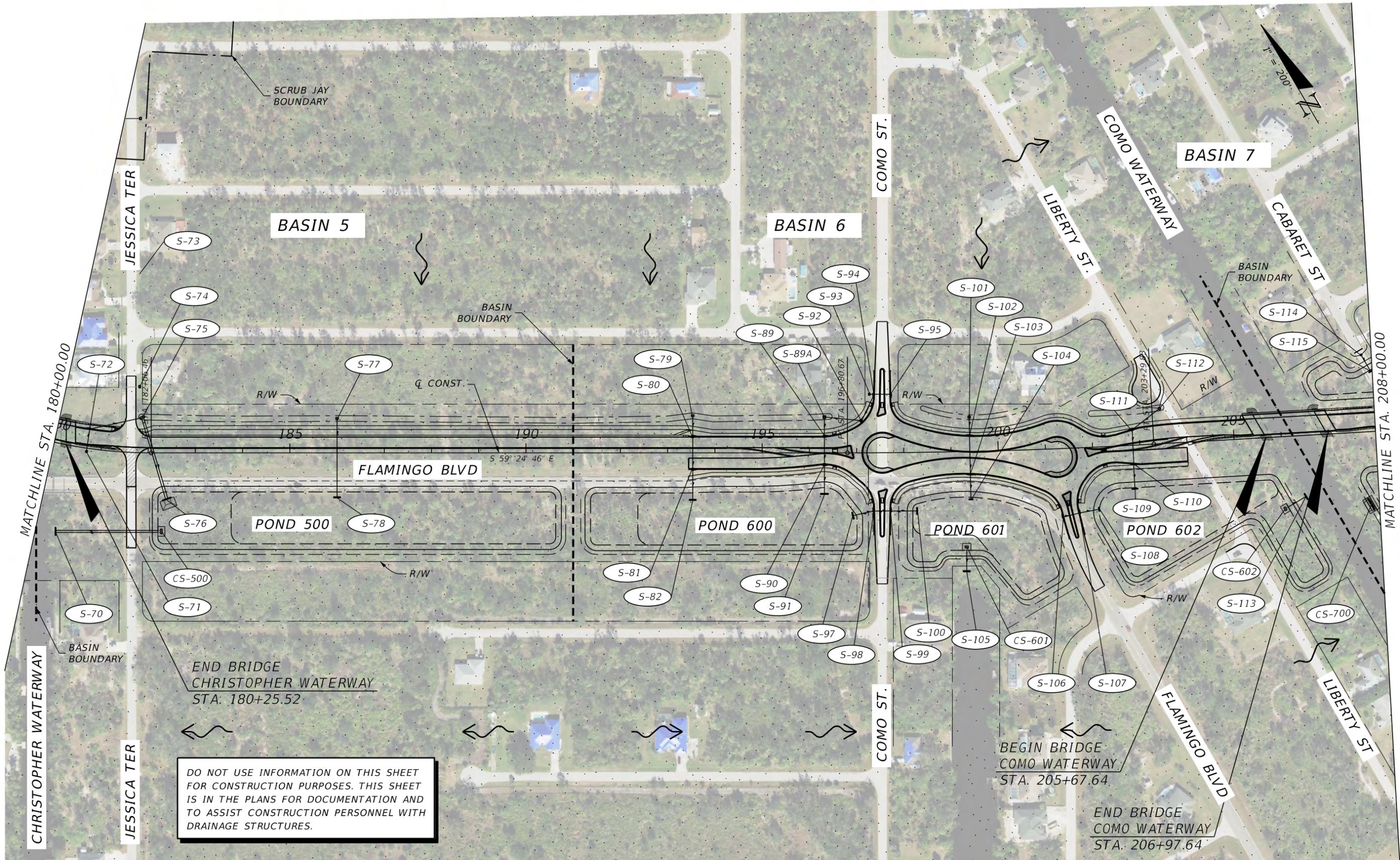
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE MAP**

SHEET NO.  
4



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

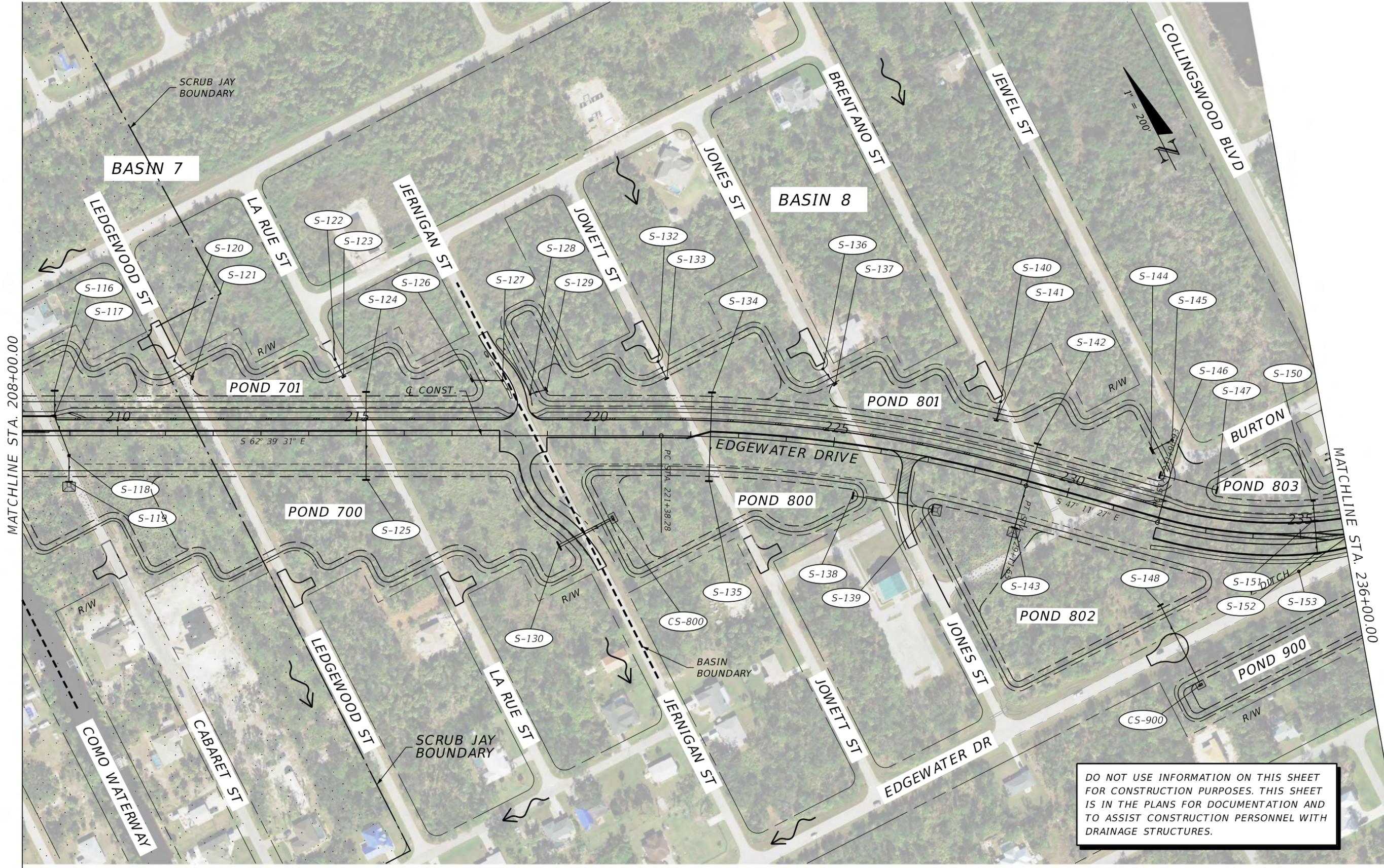
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE MAP**

SHEET NO.  
5

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MATCHLINE STA. 208+00.00

MATCHLINE STA. 236+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

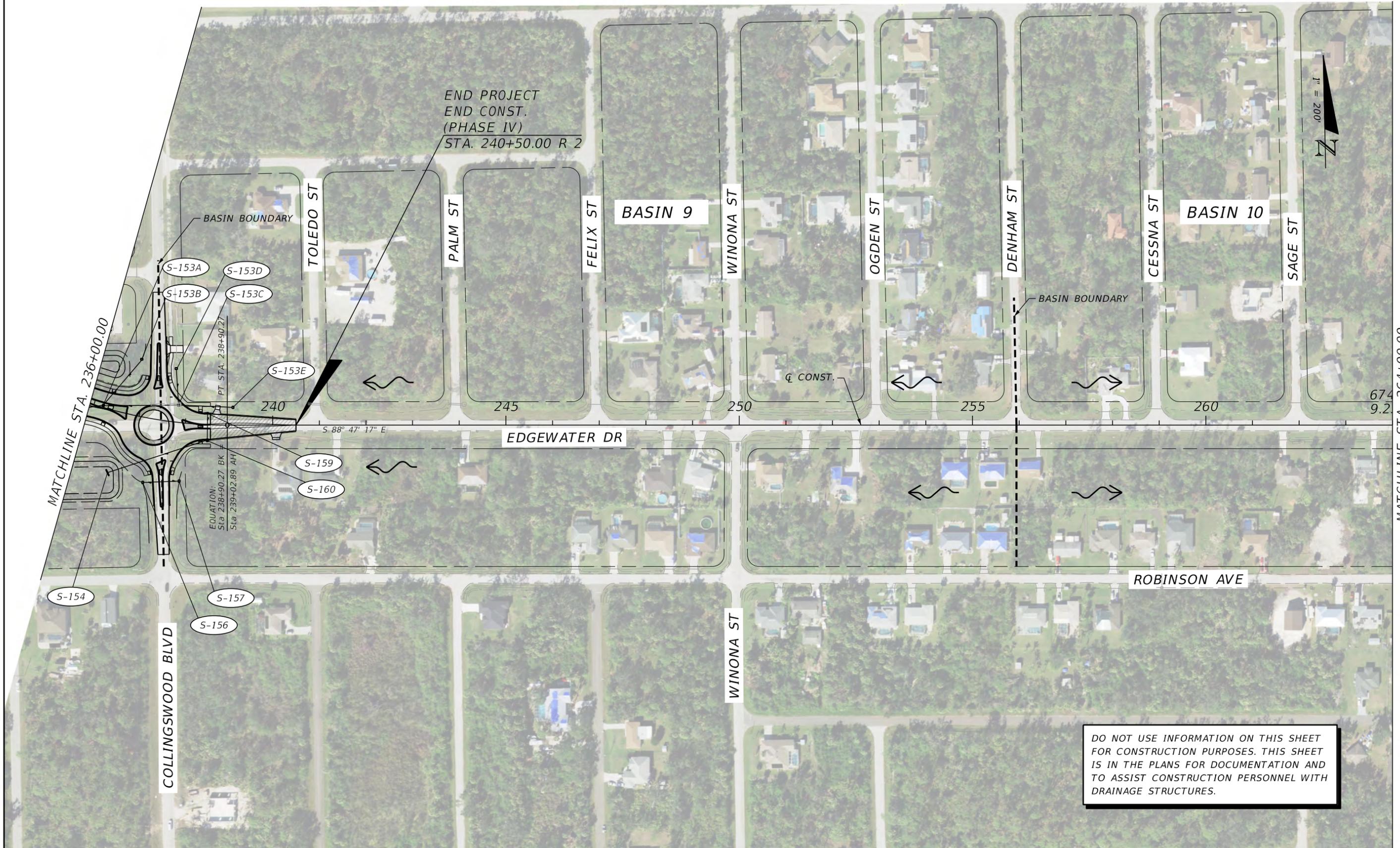
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE MAP**

SHEET NO.  
**6**

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON**  
ENGINEERING  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

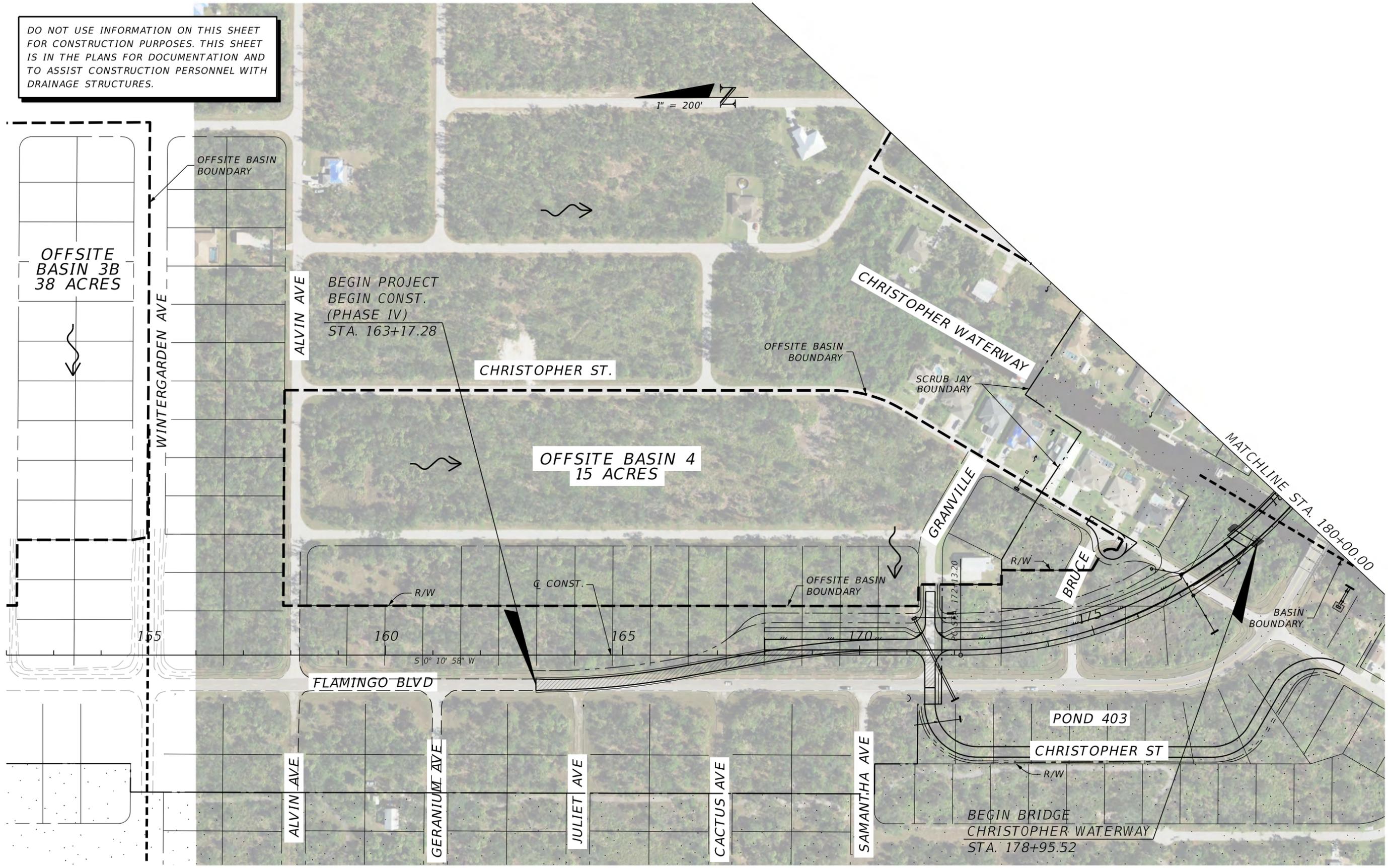
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE MAP**

SHEET NO.  
7

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1" = 200'



REVISIONS	
DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

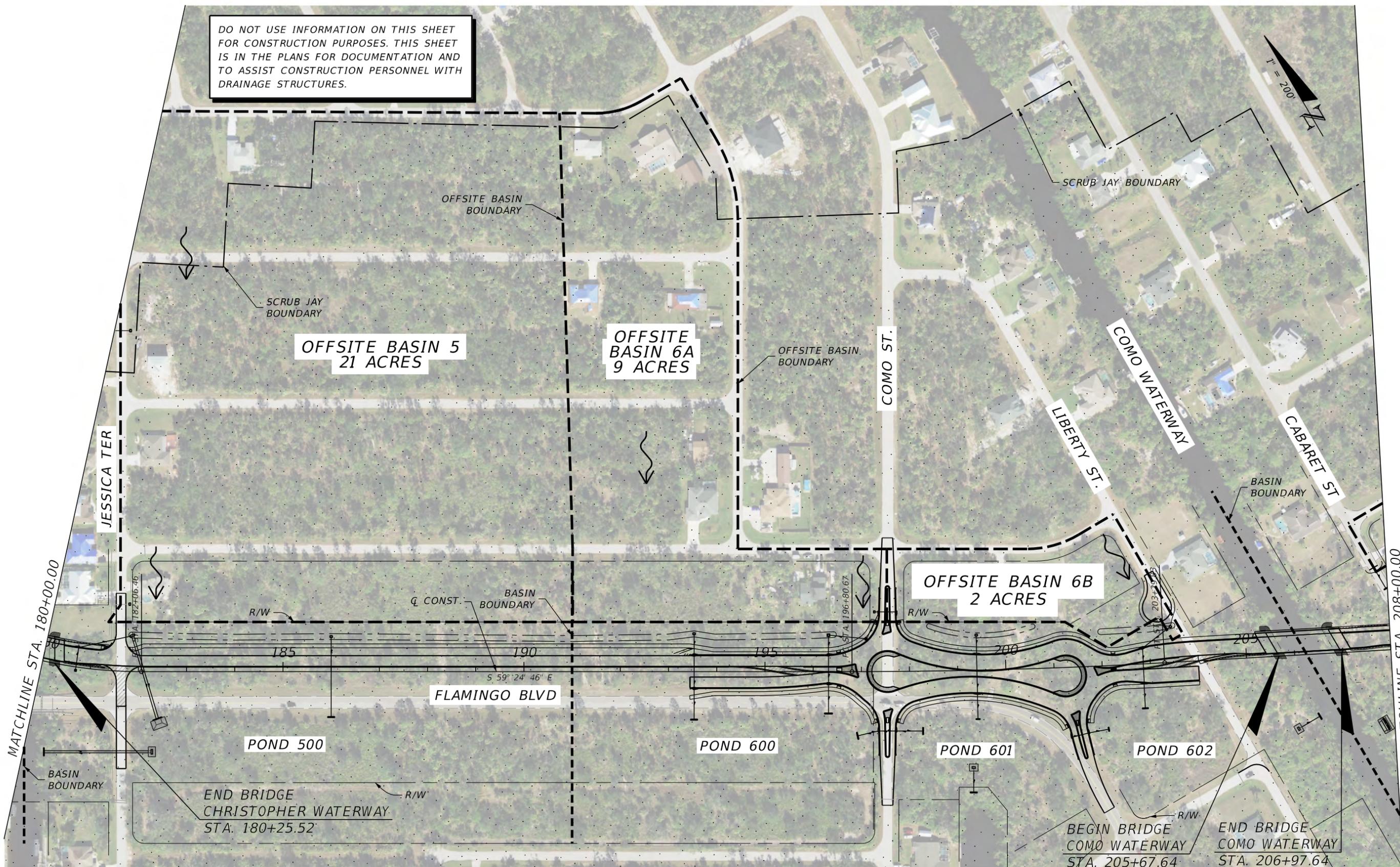
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**OFFSITE DRAINAGE MAP**

SHEET NO.
8

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REVISIONS	
DATE	DESCRIPTION

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 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

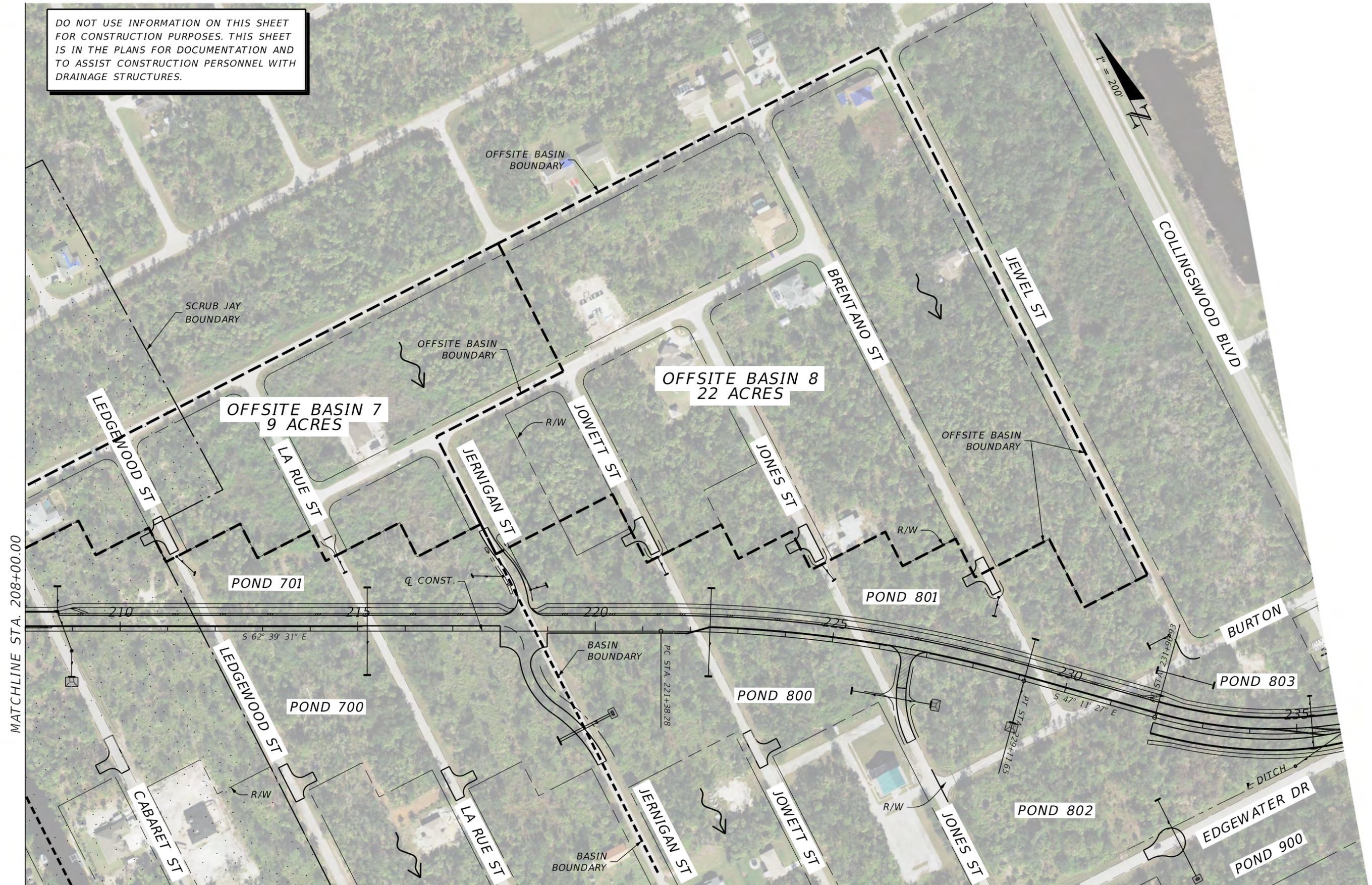
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**OFFSITE DRAINAGE MAP**

SHEET NO. **9**

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MATCHLINE STA. 208+00.00

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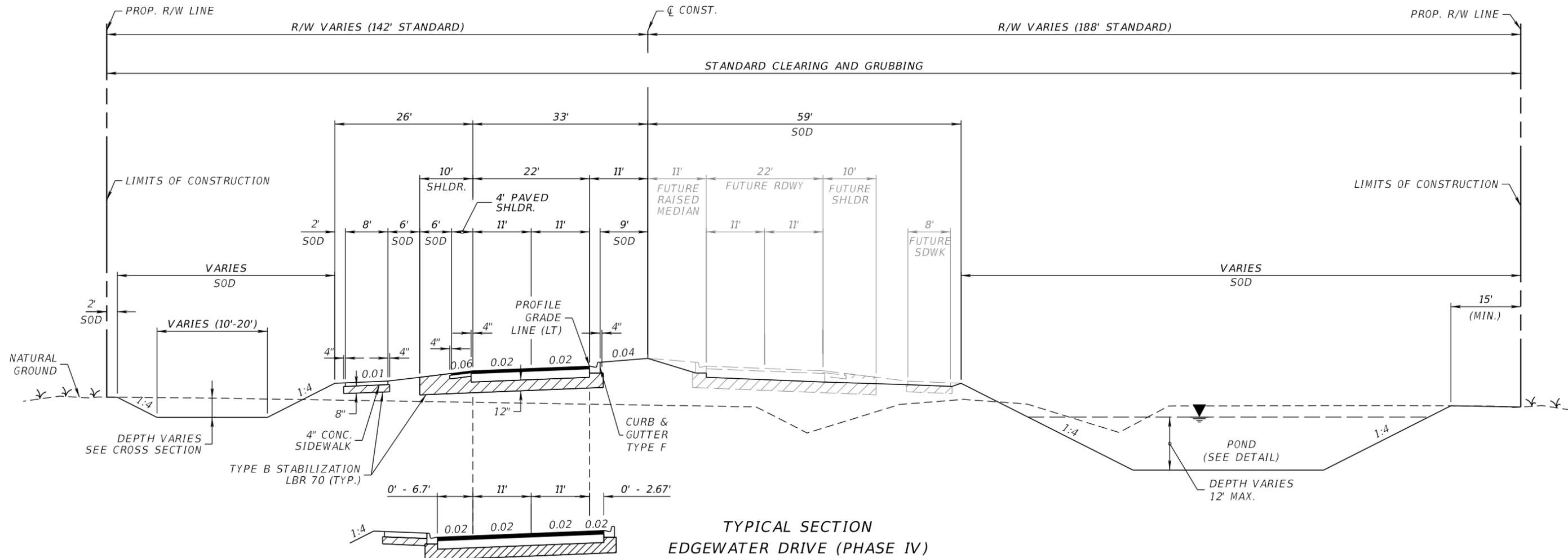
REVISIONS	
DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**OFFSITE DRAINAGE MAP**

SHEET NO.  
**10**



**TYPICAL SECTION  
EDGEWATER DRIVE (PHASE IV)  
STA. 167+99.54 TO 178+71.50  
STA. 180+43.63 TO 193+44.51**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
TYPE S-I STRUCTURAL COURSE (3")  
TYPE S-III SURFACE COURSE (1.5")

**SHOULDER PAVEMENT**

OPTIONAL BASE GROUP 6 WITH  
TYPE S-III SURFACE COURSE (1.5")

EXTRA PAVEMENT AT BRIDGE  
APPROACH AND DEPARTURE

LT EDGE OF PAVEMENT  
177+20.00 - 182+06.46  
(INCLUDES BRIDGE)

RT EDGE OF PAVEMENT  
178+04.95 - 181+12.40  
(INCLUDES BRIDGE)

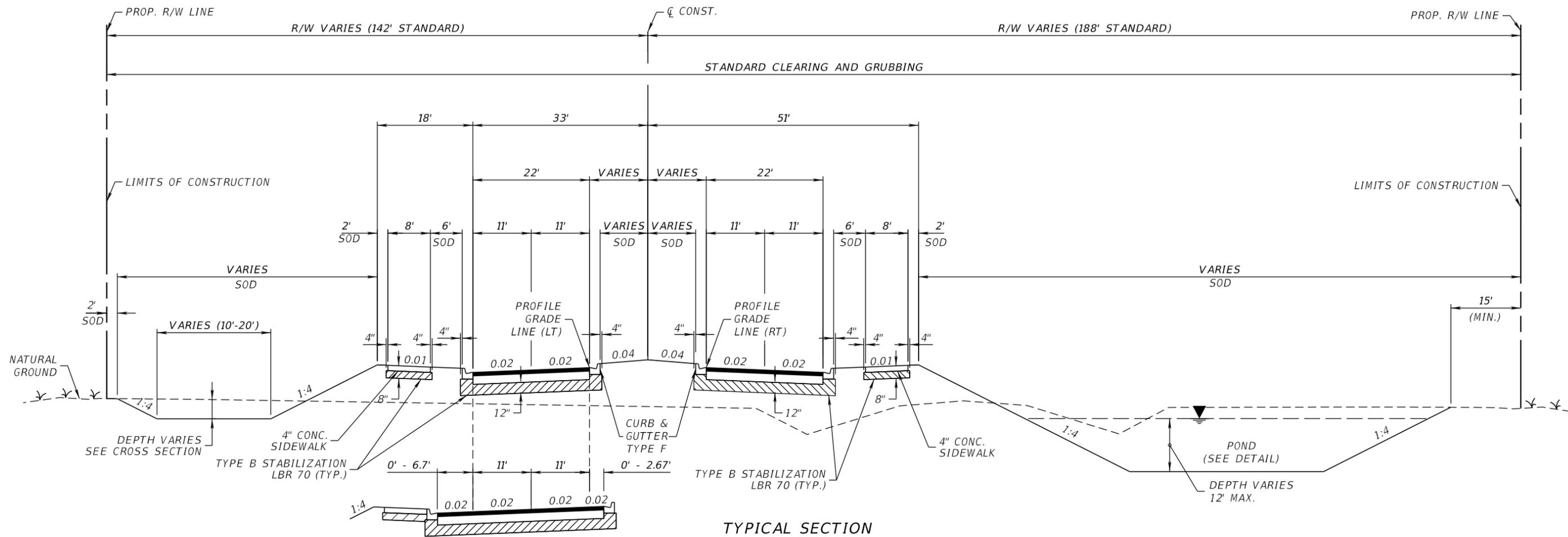
**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 9,800  
ESTIMATED OPENING YEAR = 2025 AADT = 15,000  
ESTIMATED DESIGN YEAR = 2045 AADT = 40,000  
K = 10% D = 50% T = 11% (24 HOUR)  
DESIGN HOUR T = 11%  
DESIGN SPEED = 40 MPH

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO.  <b>11</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	

**TYPICAL SECTION**

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**TYPICAL SECTION  
EDGEWATER DRIVE (PHASE IV)  
STA. 193+44.51 TO 196+79.41  
STA. 201+96.79 TO 205+45.14**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
TYPE S-I STRUCTURAL COURSE (3")  
TYPE S-III SURFACE COURSE (1.5")

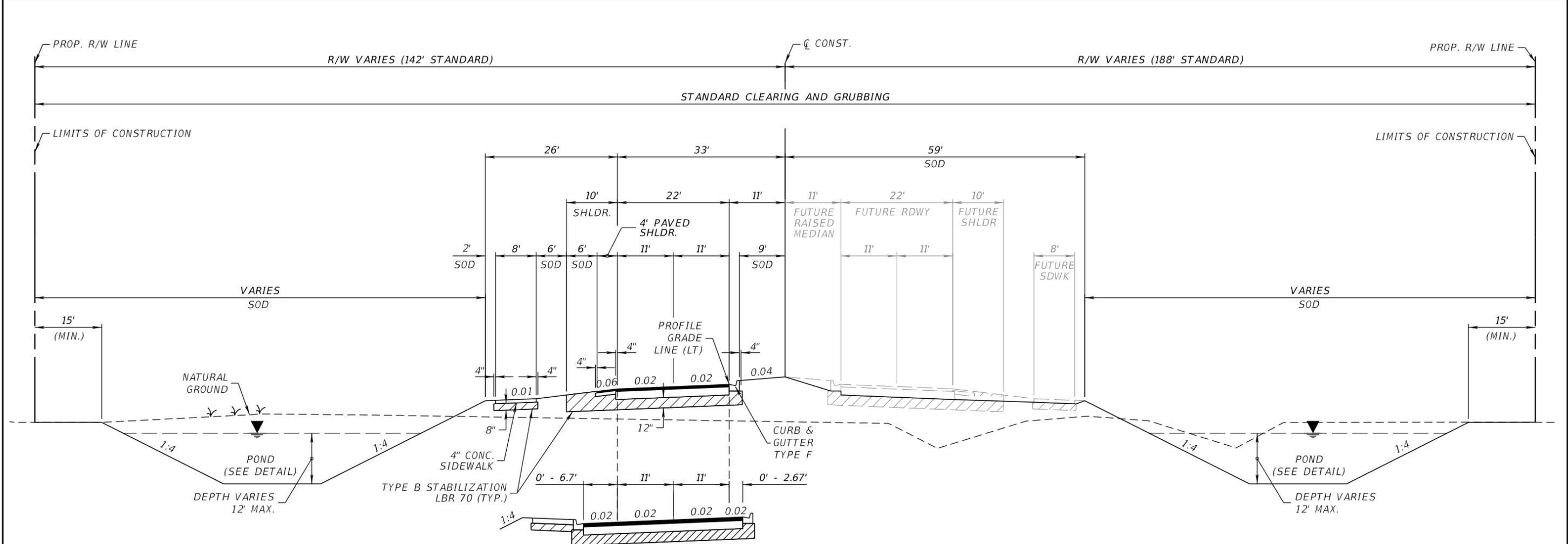
EXTRA PAVEMENT AT BRIDGE  
APPROACH AND DEPARTURE  
  
LT EDGE OF PAVEMENT  
202+50.00 - 208+71.03  
(INCLUDES BRIDGE)  
  
RT EDGE OF PAVEMENT  
204+74.02 - 207+84.06  
(INCLUDES BRIDGE)

**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 9,800  
ESTIMATED OPENING YEAR = 2025 AADT = 15,000  
ESTIMATED DESIGN YEAR = 2045 AADT = 40,000  
K = 10% D = 50% T = 11% (24 HOUR)  
DESIGN HOUR T = 11%  
DESIGN SPEED = 30 MPH

REVISIONS				<b>JOHNSON ENGINEERING</b> 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<b>TYPICAL SECTION</b>	SHEET NO.  <b>12</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID		
						CHARLOTTE	20225022-00R		

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EXTRA PAVEMENT AT BRIDGE  
APPROACH AND DEPARTURE

LT EDGE OF PAVEMENT  
202+50.00 - 208+71.03  
(INCLUDES BRIDGE)

RT EDGE OF PAVEMENT  
204+74.02 - 207+84.06  
(INCLUDES BRIDGE)

**TYPICAL SECTION  
EDGEWATER DRIVE (PHASE IV)  
STA. 207+20.14 TO 231+96.93**

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
TYPE S-I STRUCTURAL COURSE (3")  
TYPE S-III SURFACE COURSE (1.5")

**SHOULDER PAVEMENT**

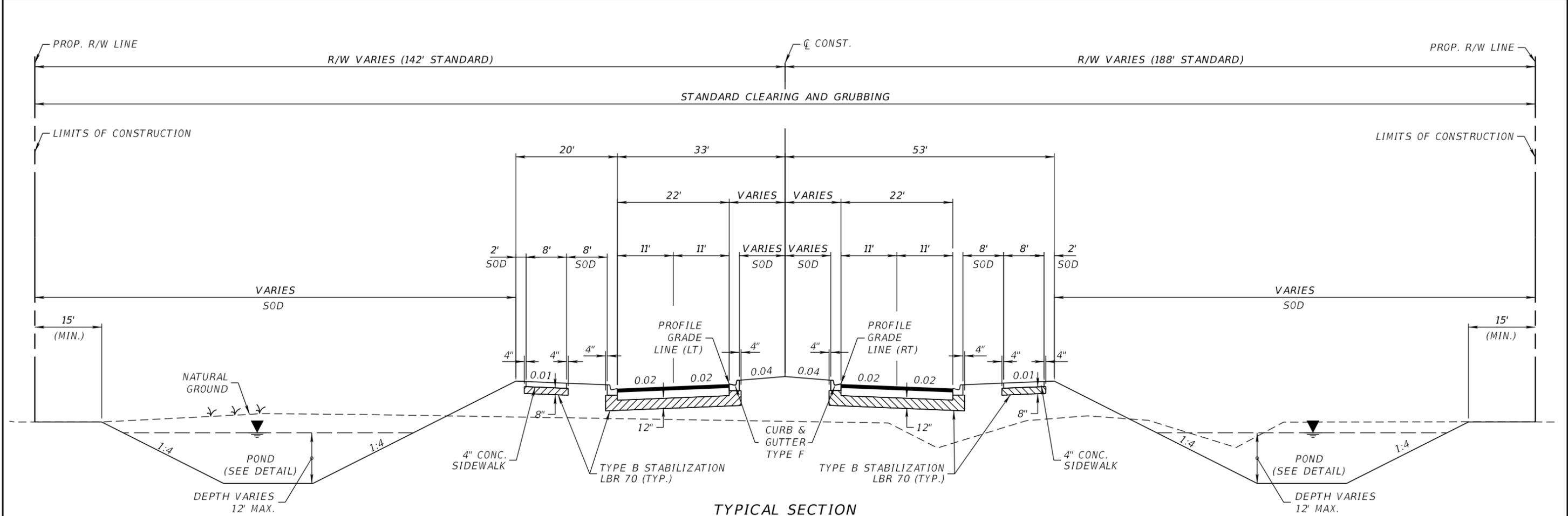
OPTIONAL BASE GROUP 6 WITH  
TYPE S-III SURFACE COURSE (1.5")

**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 9,800  
ESTIMATED OPENING YEAR = 2025 AADT = 15,000  
ESTIMATED DESIGN YEAR = 2045 AADT = 40,000  
K = 10% D = 50% T = 11% (24 HOUR)  
DESIGN HOUR T = 11%  
DESIGN SPEED = 40 MPH

REVISIONS				<b>JOHNSON ENGINEERING</b> 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<b>TYPICAL SECTION</b>	SHEET NO.  <b>13</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID		
					CHARLOTTE	20225022-00R			

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**TYPICAL SECTION**  
**EDGEWATER DRIVE (PHASE IV)**  
 STA. 231+96.93 TO 236+60.81  
 STA. 238+07.62 TO 238+54.00

**NEW CONSTRUCTION**

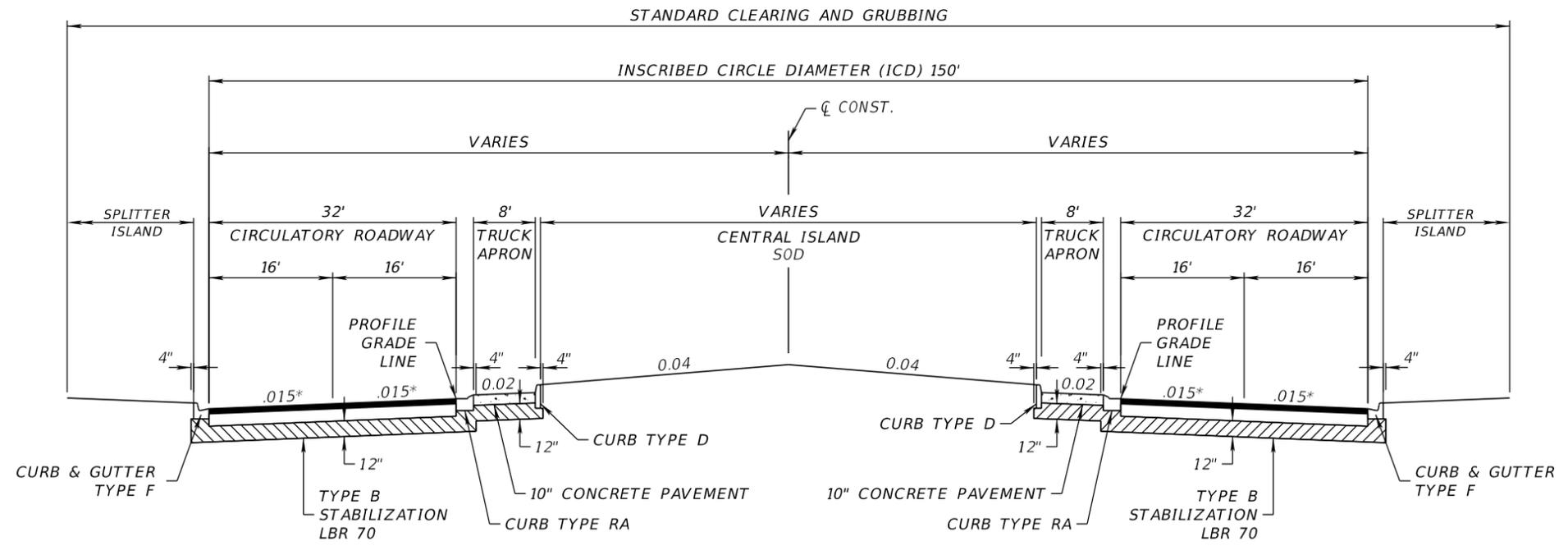
OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (3")  
 TYPE S-III SURFACE COURSE (1.5")

**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 9,800  
 ESTIMATED OPENING YEAR = 2025 AADT = 15,000  
 ESTIMATED DESIGN YEAR = 2045 AADT = 40,000  
 K = 10% D = 50% T = 11% (24 HOUR)  
 DESIGN HOUR T = 11%  
 DESIGN SPEED = 30 MPH

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<b>TYPICAL SECTION</b>  SHEET NO.  <b>14</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	

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\* SEE ROUNDABOUT DETAILS

**TYPICAL SECTION - ROUNDABOUT**  
**COMO STREET - 196+79.41 TO 201+96.79 (ICD)**  
 (CENTER STA. 197+54.41)  
 (CENTER STA. 201+23.85)  
**COLLINGSWOODS BOULEVARD - STA. 236+60.81 TO 238+07.62(ICD)**  
 (CENTER STA. 237+34.22)

**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (3")  
 TYPE S-III SURFACE COURSE (1.5")

**TRUCK APRON**

CONCRETE PAVEMENT (10")  
 (AMS-STD-595-21105 RED, STAMPED)

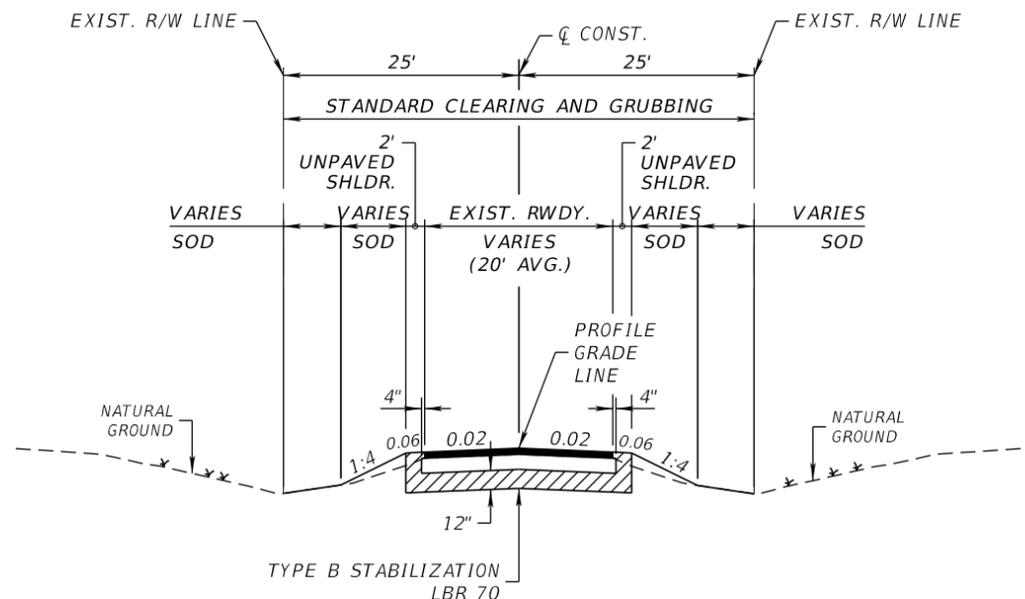
**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 9,800  
 ESTIMATED OPENING YEAR = 2025 AADT = 15,000  
 ESTIMATED DESIGN YEAR = 2045 AADT = 40,000  
 K = 10% D = 50% T = 11% (24 HOUR)  
 DESIGN HOUR T = 11%  
 DESIGN SPEED = 20 MPH

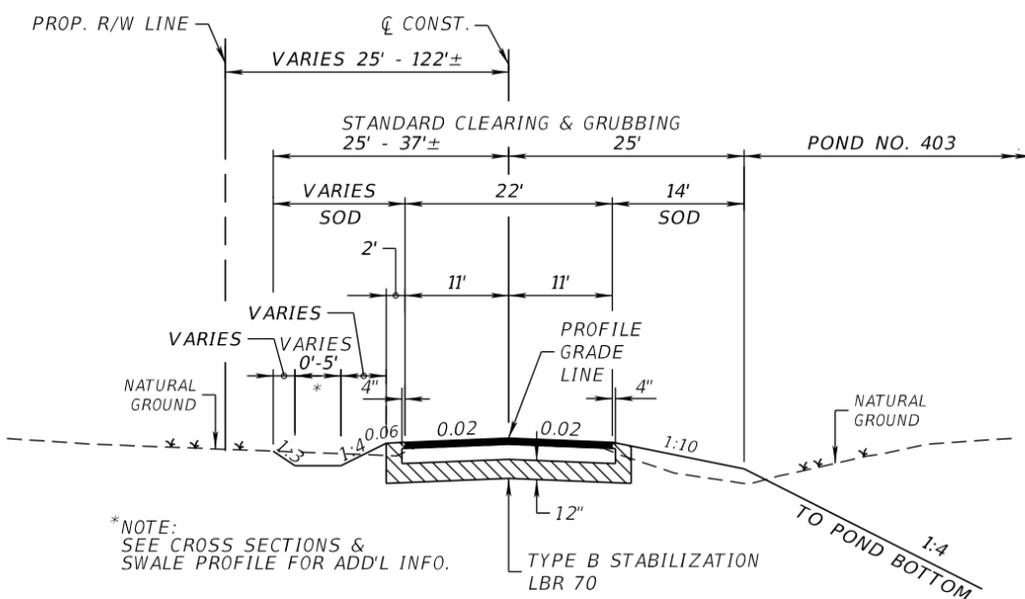
NOTE:  
 ROUNDABOUT PAVEMENT DESIGN ALSO APPLIES TO  
 ROUNDABOUT LEGS OF COMO ST., FLAMINGO BLVD.,  
 & COLLINGSWOOD BLVD.

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<b>TYPICAL SECTION</b>  SHEET NO.  <b>15</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	

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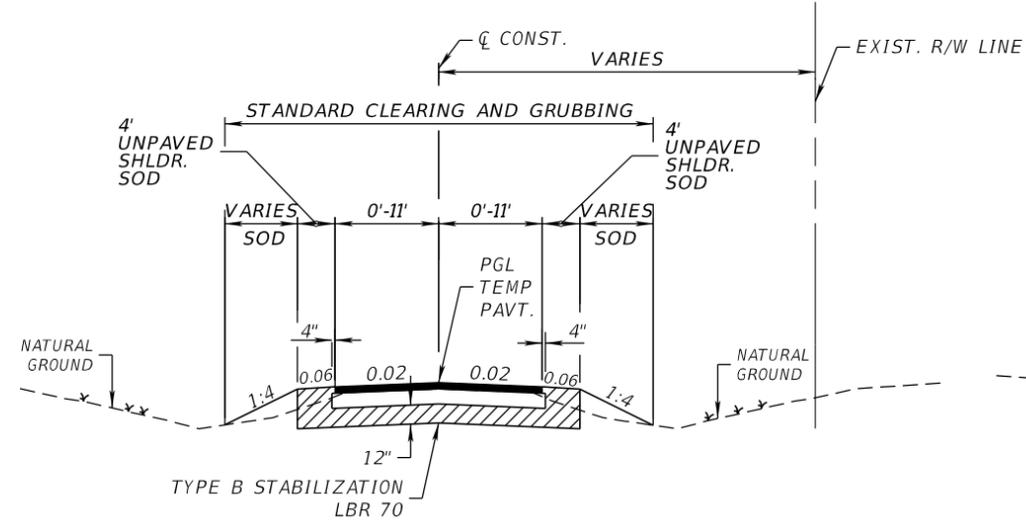
**TYPICAL SECTION**  
 GRANVILLE AVENUE  
 JESSICA TERRACE  
 JERNIGAN STREET  
 JONES STREET  
 HAMMER HEADS  
 CUL-DE-SACS



**TYPICAL SECTION**  
 CHRISTOPHER STREET

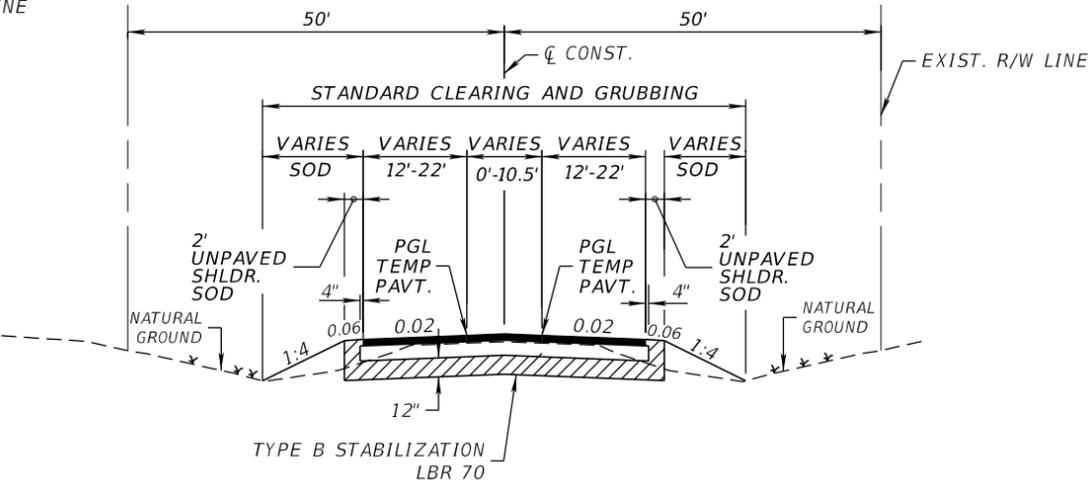
**NEW CONSTRUCTION**

OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (1.5")  
 TYPE S-III SURFACE COURSE (1.5")



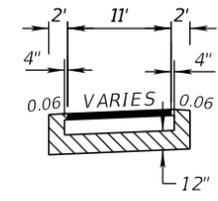
**TRANSITION TEMPORARY PAVEMENT**  
 BEGINNING OF PROJECT

OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (1.5")  
 TYPE S-III SURFACE COURSE (1.5")



**TRANSITION TEMPORARY PAVEMENT**  
 END OF PROJECT

OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (1.5")  
 TYPE S-III SURFACE COURSE (1.5")



**TRANSITIONS TEMPORARY PAVEMENT**  
 APPROACH AND DEPARTURE ROUNDABOUTS

OPTIONAL BASE GROUP 9 WITH  
 TYPE S-I STRUCTURAL COURSE (1.5")  
 TYPE S-III SURFACE COURSE (1.5")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

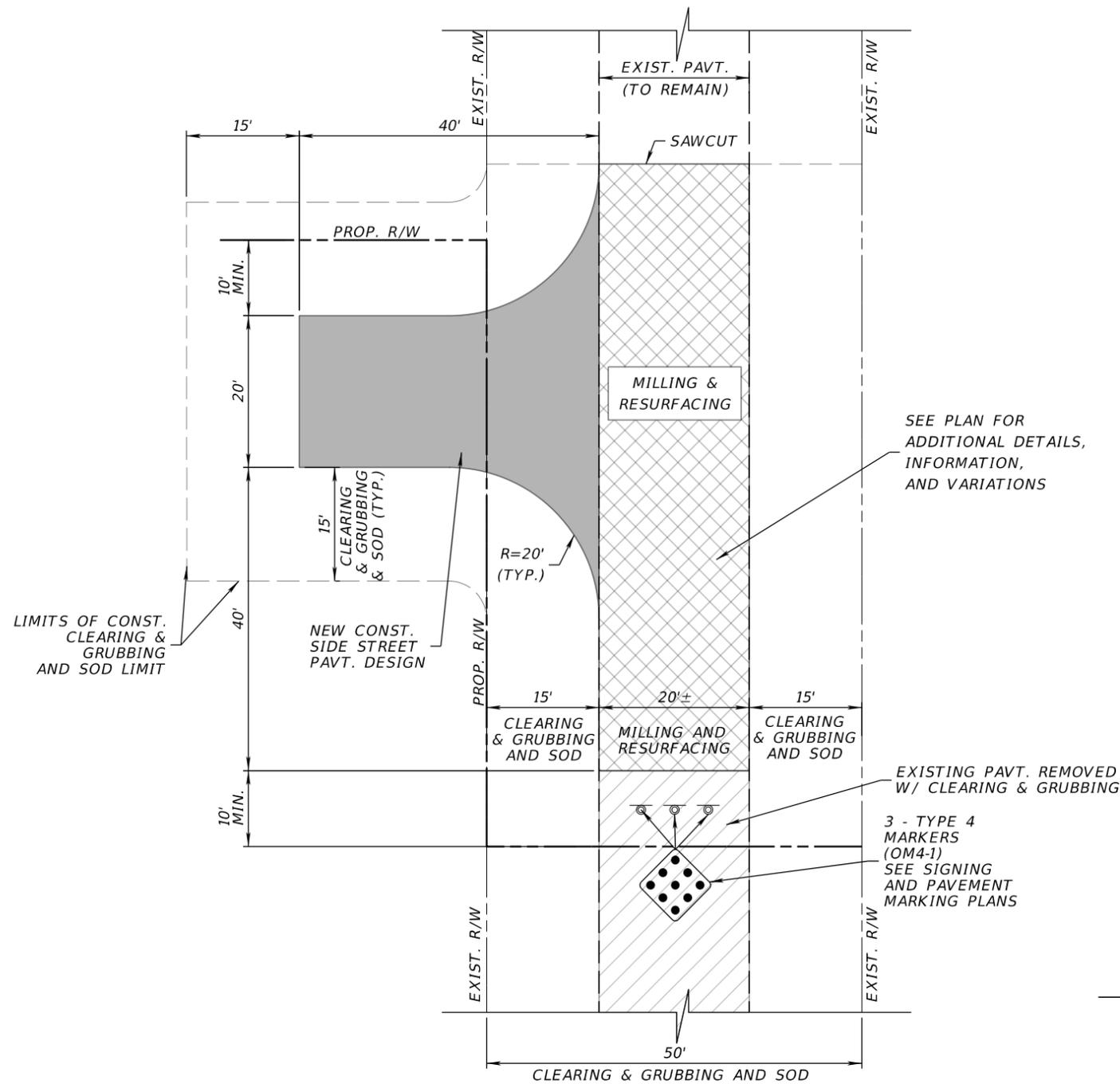
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**TYPICAL SECTION**

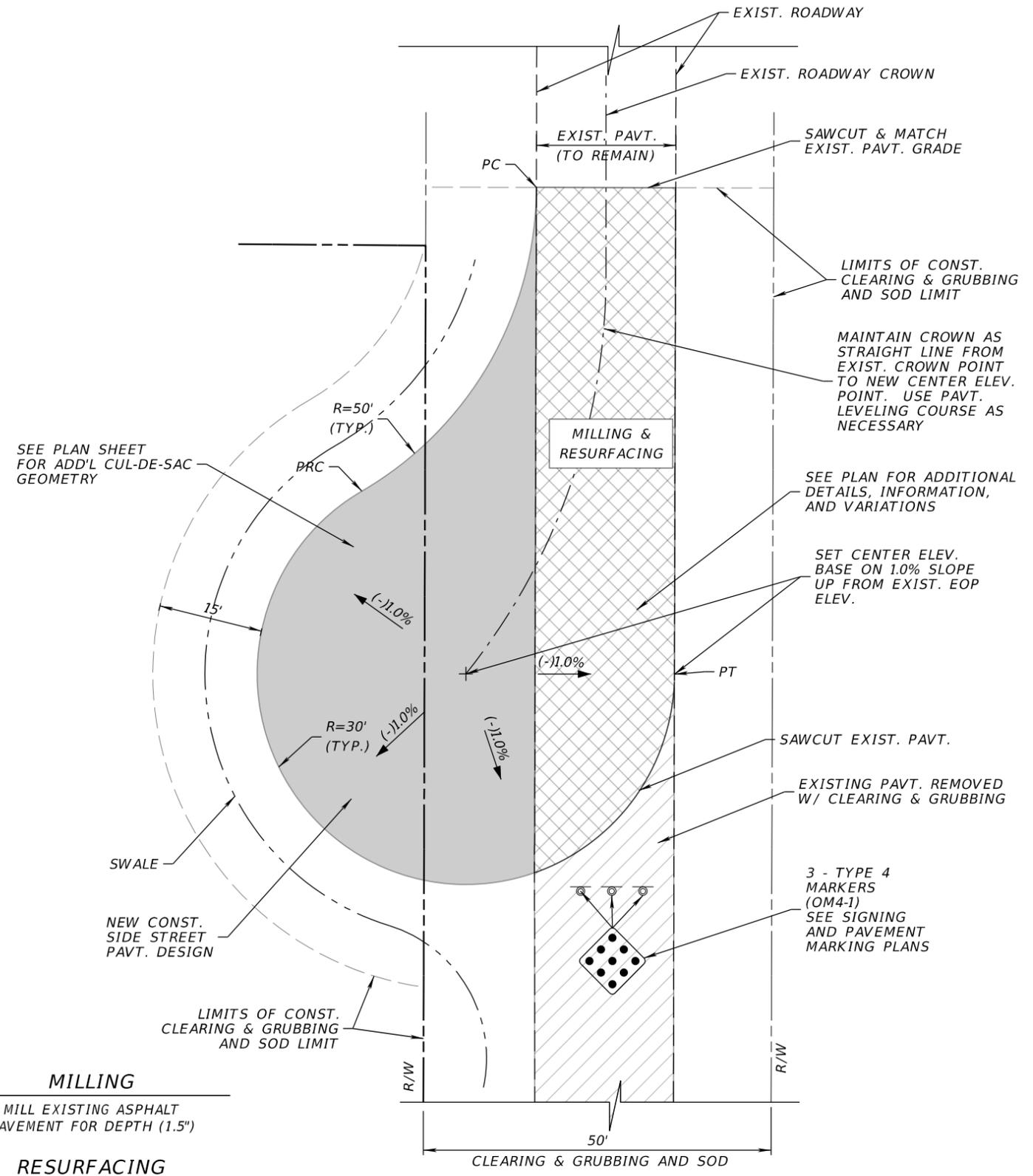
SHEET NO. 16

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**HAMMER HEAD DETAIL**  
NOT TO SCALE



**MILLING**  
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1.5")

**RESURFACING**  
TYPE S-III SURFACE COURSE (1.5")

**NEW CONSTRUCTION**  
OPTIONAL BASE GROUP 9 WITH  
TYPE S-I STRUCTURAL COURSE (1.5")  
TYPE S-III SURFACE COURSE (1.5")

**CUL-DE-SAC DETAIL**  
NOT TO SCALE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**TYPICAL SECTION DETAILS**

SHEET NO.  
**18**

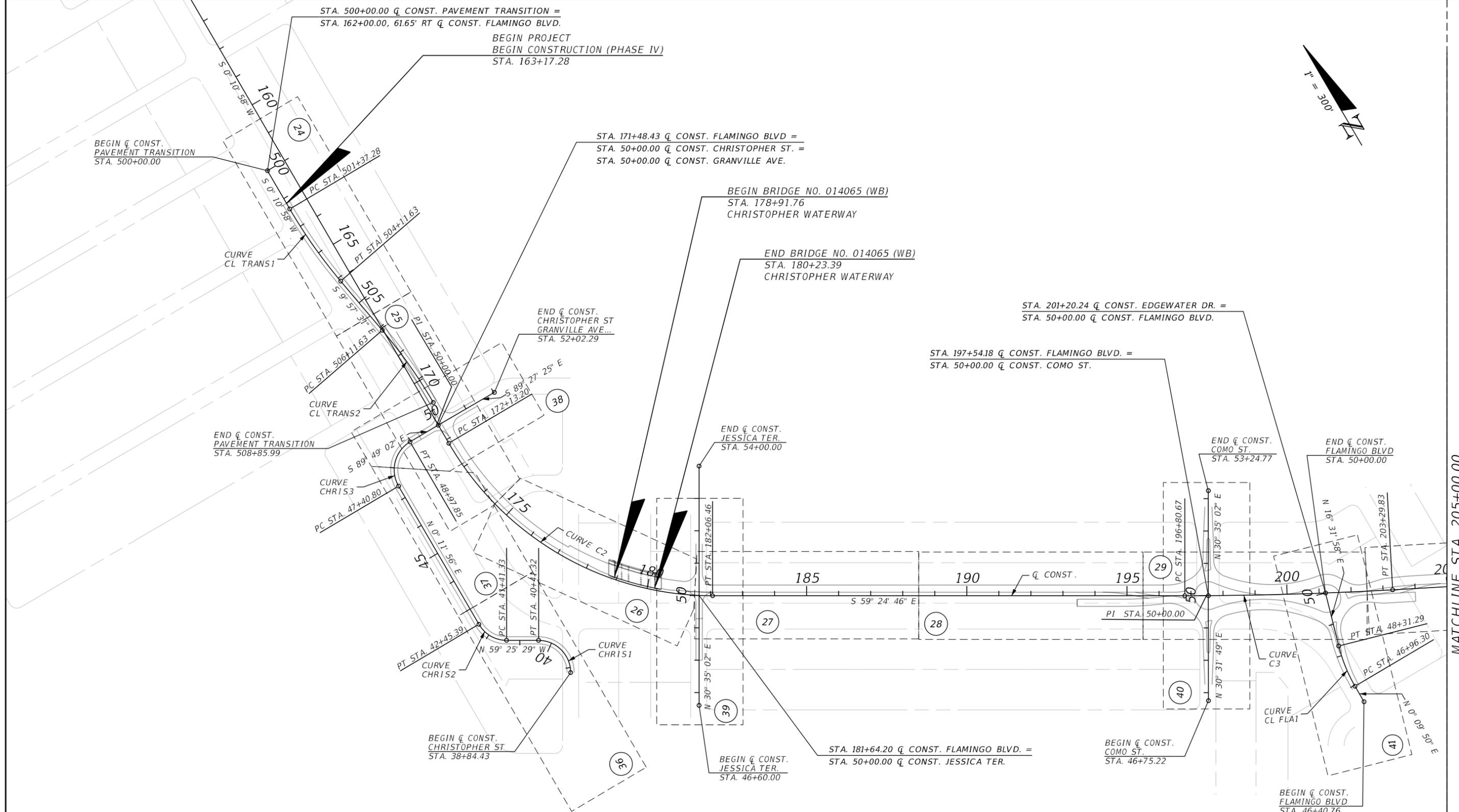
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.











CURVE DATA C2		CURVE DATA C3		CURVE DATA CL_TRANS1		CURVE DATA CL_TRANS2		CURVE DATA CL_CHRIS1		CURVE DATA CL_CHRIS2		CURVE DATA CL_CHRIS3		CURVE DATA CL_FLA1	
PI STA.	= 177+60.04	PI STA.	= 200+05.33	PI STA.	= 502+74.82	PI STA.	= 507+49.17	PI STA.	= 39+84.24	PI STA.	= 41+98.63	PI STA.	= 48+40.78	PI STA.	= 47+64.26
Δ	= 59° 35' 43" (LT)	Δ	= 3° 14' 45" (LT)	Δ	= 10° 08' 29" (LT)	Δ	= 10° 08' 29" (RT)	Δ	= 89° 53' 32" (LT)	Δ	= 59° 37' 25" (RT)	Δ	= 89° 59' 01" (RT)	Δ	= 16° 22' 08" (RT)
D	= 6° 00' 00"	D	= 0° 30' 00"	D	= 3° 41' 47"	D	= 3° 41' 47"	D	= 57° 17' 45"	D	= 57° 17' 45"	D	= 57° 17' 45"	D	= 12° 07' 34"
T	= 546.84	T	= 324.67	T	= 137.54	T	= 137.54	T	= 99.81	T	= 57.30	T	= 99.97	T	= 67.96
L	= 993.26	L	= 649.16	L	= 274.35	L	= 274.35	L	= 156.89	L	= 104.06	L	= 157.05	L	= 134.99
R	= 954.93	R	= 11,459.16	R	= 1,550.00	R	= 1,550.00	R	= 100.00	R	= 100.00	R	= 100.00	R	= 472.50
PC STA.	= 172+13.20	PC STA.	= 196+80.67	PC STA.	= 501+37.28	PC STA.	= 506+11.63	PC STA.	= 38+84.43	PC STA.	= 41+41.33	PC STA.	= 47+40.80	PC STA.	= 46+96.30
PT STA.	= 182+06.46	PT STA.	= 203+29.83	PT STA.	= 504+11.63	PT STA.	= 508+85.99	PT STA.	= 40+41.32	PT STA.	= 42+45.39	PT STA.	= 48+97.85	PT STA.	= 48+31.29

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

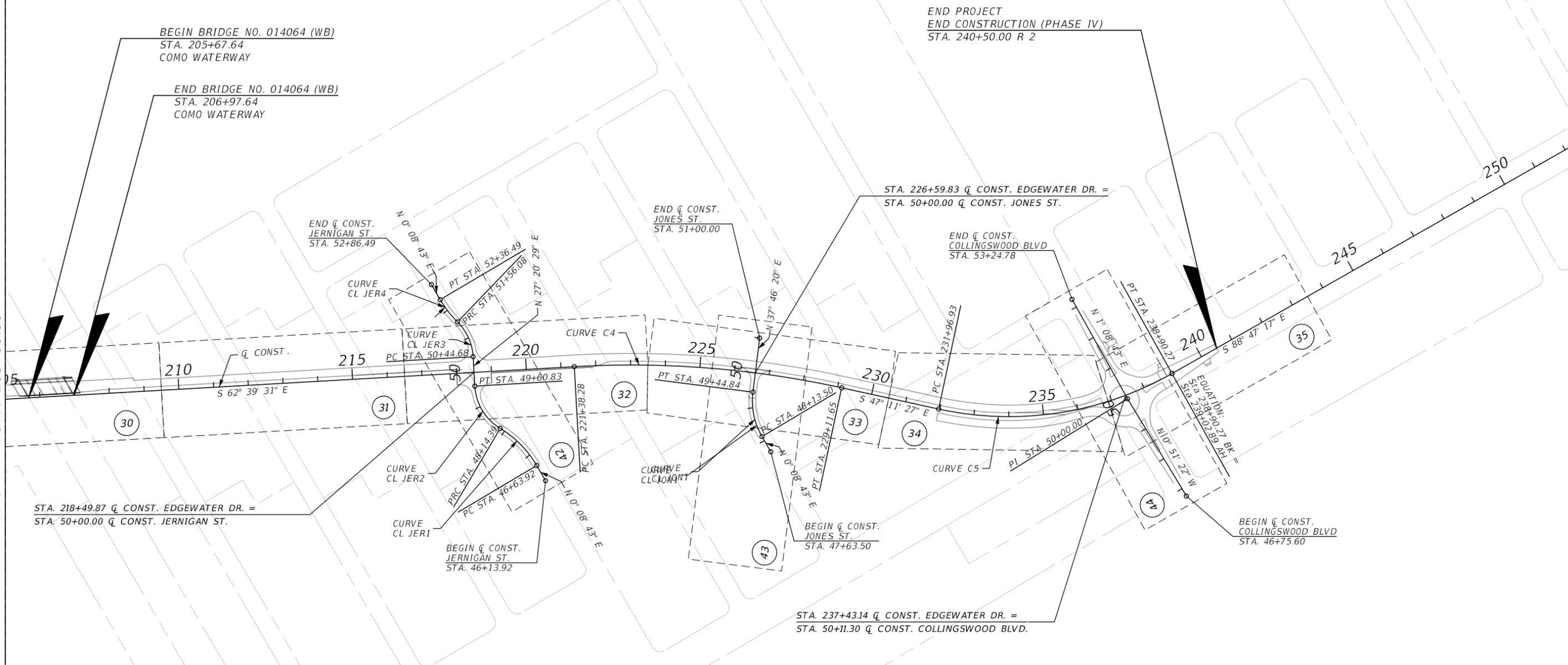
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PROJECT LAYOUT**

SHEET NO.
23

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

MATCHLINE STA. 205+00.00



END PROJECT  
END CONSTRUCTION (PHASE IV)  
STA. 240+50.00 R 2

**CURVE DATA C4**  
PI STA. = 225+27.33  
Δ = 15° 28' 03" (RT)  
D = 2° 00' 00"  
T = 389.05  
L = 773.37  
R = 2,864.79  
PC STA. = 221+38.28  
PT STA. = 229+11.65

**CURVE DATA C5**  
PI STA. = 235+59.67  
Δ = 41° 35' 49" (LT)  
D = 5° 59' 58"  
T = 362.74  
L = 693.34  
R = 955.00  
PC STA. = 231+96.93  
PT STA. = 238+90.27

**CURVE DATA CL JER1**  
PI STA. = 47+40.77  
Δ = 28° 44' 16" (LT)  
D = 19° 05' 55"  
T = 76.85  
L = 150.47  
R = 300.00  
PC STA. = 46+63.92  
PT STA. = 48+14.39

**CURVE DATA CL JER2**  
PI STA. = 48+94.04  
Δ = 55° 56' 02" (RT)  
D = 38° 11' 50"  
T = 79.65  
L = 146.43  
R = 150.00  
PC STA. = 48+14.39  
PT STA. = 49+60.83

**CURVE DATA CL JER3**  
PI STA. = 51+03.09  
Δ = 42° 33' 08" (LT)  
D = 38° 11' 50"  
T = 58.41  
L = 111.40  
R = 150.00  
PC STA. = 50+44.68  
PT STA. = 51+56.08

**CURVE DATA CL JER4**  
PI STA. = 51+96.53  
Δ = 15° 21' 22" (RT)  
D = 19° 05' 55"  
T = 40.44  
L = 80.40  
R = 300.00  
PC STA. = 51+56.08  
PT STA. = 52+36.49

**CURVE DATA CL JON1**  
PI STA. = 48+81.64  
Δ = 37° 37' 37" (RT)  
D = 28° 38' 52"  
T = 68.14  
L = 131.34  
R = 200.00  
PC STA. = 48+13.50  
PT STA. = 49+44.84

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PROJECT LAYOUT**

SHEET NO.  
**24**

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GENERAL NOTES

1. 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:  
  
RICK G. DANIELS, P.S.M.  
P.S.M. NO: #7229  
JOHNSON ENGINEERING, INC.  
2122 JOHNSON STREET  
FORT MYERS, FLORIDA 33901
2. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF (NAVD 88).
3. HORIZONTAL DATUM = NAD83 FLORIDA STATE PLANE, WEST ZONE.
4. EXISTING FACILITIES SHALL BE RESTORED TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.
5. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED. EXISTING DRAINAGE STRUCTURES TO BE REMOVED ARE INCIDENTAL TO CLEARING AND GRUBBING OPERATIONS.
6. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
7. ALL EXCAVATION IN CLOSE PROXIMITY TO A POWER POLE SHALL UTILIZE TRENCH BOXES OR OTHER MEANS OF SHORING TO ENSURE THE POLES ARE NOT UNDERMINED.
8. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA PRIOR TO CONSTRUCTION AND CONTACT SUNSHINE STATE ONE CALL.
9. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED. INFORMATION SHOWN IN UTILITY ADJUSTMENT SHEETS US BASED ON BEST AVAILABLE DATA PROVIDED BY UAO'S AND SHOULD BE CONSIDERED CONCEPTUAL IN NATURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL UAO'S ON ANY NECESSARY RELOCATIONS OR ADJUSTMENTS.
10. UTILITY/AGENCY OWNERS:  

COMPANY	CONTACT	TELEPHONE	E-MAIL
CHARLOTTE COUNTY LIGHTING	JODY MANSELL	(941) 675-3648	JODY.MANSELL@CHARLOTTECOUNTYFL.GOV
CHARLOTTE COUNTY UTILITIES LUMEN	BRUCE BULLERT	(941) 764-4509	BRUCE.BULLERT@CHARLOTTECOUNTYFL.GOV
COMCAST	BILL McCLOUD	(850) 599-1444	RELOCATIONS@LUMEN.COM
FLORIDA POWER & LIGHT	JOSH DAVIS	(239) 253-7642	JOSHUA_DAVIS4@COMCAST.COM
CROWN CASTLE	CHRIS McJUNKIN	(941) 267-7476	CHRIS.MCJUNKIN@FPL.COM
TECO	CHUCK FERGUSON	(570) 872-6637	CHUCK.FERGUSON@CROWNCastle.COM
	ALEX McFARLANE	(813) 275-3762	AMCFARLANE@TECOENERGY.COM
11. ANY PUBLIC LAND CORNER OR BENCHMARK 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 PROJECT ENGINEER SHOULD NOTIFY THE DISTRICT WITHOUT DELAY BY TELEPHONE.
12. CONTRACTOR SHALL PROMPTLY REPORT ALL FIELD CHANGES TO ENGINEER.
13. CONTRACTOR SHALL ACCURATELY PLOT THE LOCATIONS, DEPTHS AND DIMENSIONS OF ALL IMPROVEMENTS ON A FINAL SET OF RECORD DRAWINGS PREPARED BY A FLORIDA REGISTERED LAND SURVEYOR. RECORD DRAWINGS SHALL BE SIGNED AND SEALED ON 11"X17" PAPER AND DELIVERED TO THE ENGINEER PRIOR TO PROJECT COMPLETION. COST OF RECORD DRAWINGS IS INHERENT TO COST OF MOBILIZATION.
14. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
15. CONTRACTOR TO MAINTAIN EXISTING TRAFFIC / ACCESS, EXISTING DRAINAGE AND EXISTING UTILITIES DURING CONSTRUCTION, UNLESS OTHERWISE APPROVED BY CHARLOTTE COUNTY.
16. CONSTRUCTION STAKING IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THESE SERVICES DURING CONSTRUCTION.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION-RELATED PERMITTING. PAYMENT FOR ACQUISITION OF CONSTRUCTION-RELATED PERMITS SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION-RELATED ACTIVITIES. NO ADDITIONAL PAYMENT SHALL BE MADE.
18. CONTRACTOR SHALL OBTAIN A NPDES PERMIT, IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN AND ABIDE BY ALL NPDES REQUIREMENTS. ALL APPLICABLE COST SHALL BE INHERENT TO EROSION CONTROL PAY ITEM.
19. CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT MANAGER. THE CONTRACTOR SHALL PROVIDE THE PROJECT MANAGER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED AN MSDS SUBMITTAL.

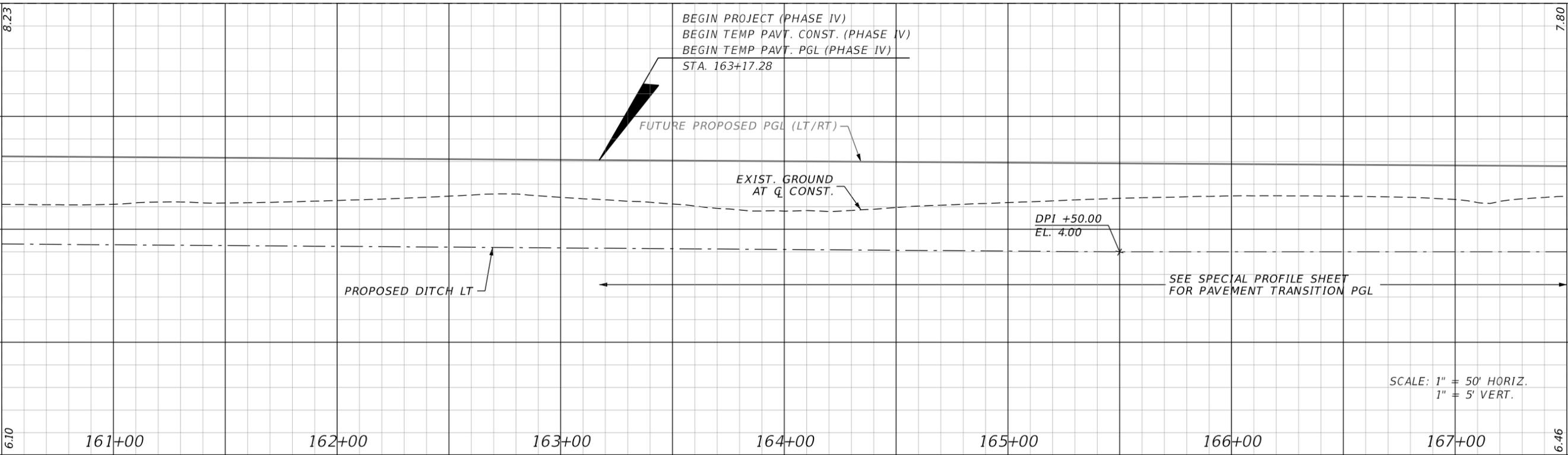
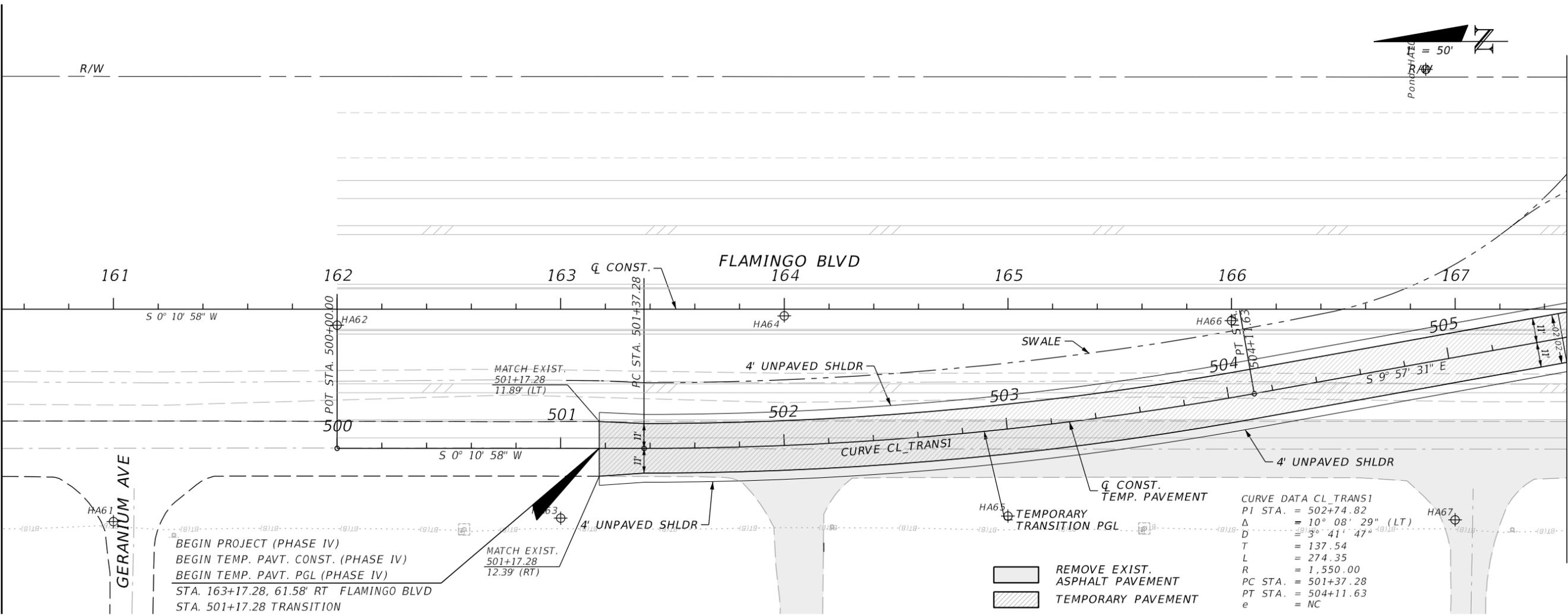
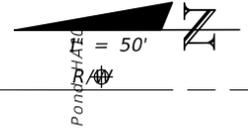
ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT MANAGER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE PROJECT MANAGER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT MANAGER.

20. PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE, SHALL BE FURNISHED TO THE PROJECT MANAGER BY THE CONTRACTOR. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY OR APPOINTED REPRESENTATIVE PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THE PROJECT.
21. AT THE COMPLETION OF THIS PROJECT, ALL DISTURBED SURFACES SHALL BE COVERED BY TURF.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING CONVEYANCES AND DRAINAGE CONNECTIONS WITHIN THE PROJECT LIMITS AT ALL TIMES. ANY EXISTING DRAINAGE FEATURES TO BE REMOVED OR REPLACED SHALL HAVE EQUAL OR BETTER CAPACITY IN PLACE PRIOR TO THAT FEATURE BEING IMPACTED. ALL COST FOR TEMPORARY DRAINAGE SHALL BE INHERENT TO OTHER PAY ITEMS.
23. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES MAY EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION AT THESE LOCATIONS. PRE-MIXED MATERIAL OR BASE IN LIEU OF IS SUGGESTED IN THESE AREAS.
24. STATION/OFFSETS SHOWN FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE
25. FOR CURB INLETS WITHIN OR ADJACENT TO SIDEWALK THE TOPS SHALL BE SET/ADJUSTED SUCH THAT TOP OF INLET IS FLUSH WITH SURROUNDING SHARED USE PATH AND MEET ALL ADA REQUIREMENTS. EDGES ADJACENT TO CONCRETE SHARED USE PATH SHALL HAVE 1/2" EXPANSION JOINT MATERIAL. COST IN CONSIDERED INHERENT TO THE DRAINAGE STRUCTURE.
26. CONTRACTOR SHALL REPLACE ANY EXISTING SIDE STREET MARKINGS OBLITERATED DURING CONSTRUCTION.
27. ALL PROPOSED PIPE WITHIN THE RIGHT-OF-WAY SHALL BE REINFORCED CONCRETE PIPE (RCP/ERCP).
28. SOD QUANTITY INCLUDES ONLY THOSE AREAS INTENDED TO BE DISTURBED BY PROPOSED IMPROVEMENTS. OTHER DISTURBED AREAS NOT INTENDED TO BE DISTURBED, INCLUDING BUT NOT LIMITED TO STAGING AREAS, STOCKPILE AREAS, ETC., SHALL BE SODDED AT NO ADDITIONAL COST.
29. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
30. CONTRACTOR TO NOTIFY THE PROJECT MANAGER IMMEDIATELY IF UNSUITABLE SUBSOIL CONDITIONS ARE ENCOUNTERED.
31. CONTRACTOR SHALL BE AWARE OF EXISTING UTILITIES TO REMAIN ALONG THE CORRIDOR, CARE SHALL BE TAKEN NOT TO DAMAGE THESE FACILITIES DURING CONSTRUCTION.
32. THE CONTRACTOR SHALL BE AWARE OF THE POSSIBLE PRESENCE OF ROCK WITHIN THE PROJECT LIMITS THAT MAY BE ENCOUNTERED WHILE PERFORMING EXCAVATIONS AND UNDERGROUND INSTALLATIONS. GEOTECHNICAL REPORTS WITH BORINGS ARE INCLUDED IN THE CONTRACT DOCUMENTS FOR INFORMATIONAL PURPOSES ONLY, AS THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR FINAL SUBSURFACE DETERMINATION. THE CONTRACTOR SHALL CONSIDER THE INCREASE IN COST FOR ALL UNDERGROUND WORK ACTIVITIES AND INCLUDE SUCH COSTS IN HIS BID. ALL COSTS ASSOCIATED WITH ENCOUNTERED ROCK OR ROCK-LIKE MATERIAL SHALL BE INCLUDED IN THE APPROPRIATE ITEMS OF WORK CONTAINED WITHIN THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE MADE.
33. DEWATERING IS NOT INCLUDED IN CURRENT PERMITS. IF THE CONTRACTOR CHOOSES TO DEWATER A PERMIT MUST BE OBTAINED AT THE CONTRACTORS EXPENSE. ALL ASSOCIATED PERMITTING AND DEWATERING COSTS SHALL BE INHERENT TO OTHER PAY ITEMS. NO ADDITIONAL PAYMENT WILL BE MADE.
34. CLEARING AND GRUBBING IS INTENDED ONLY FOR THOSE AREAS WITHIN THE FOOTPRINT OF ACTUAL IMPROVEMENTS. CONTRACTOR SHALL SET SILT FENCE AT APPROXIMATE EDGE OF IMPROVEMENTS PER CROSS SECTIONS AND CONFIRM WITH THE COUNTY PRIOR TO CLEARING. EXISTING VEGETATION WITHIN EASEMENTS BUT OUTSIDE IMPACT FOOTPRINT SHALL REMAIN AS IS.

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO.  <b>25</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	

GENERAL NOTES

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

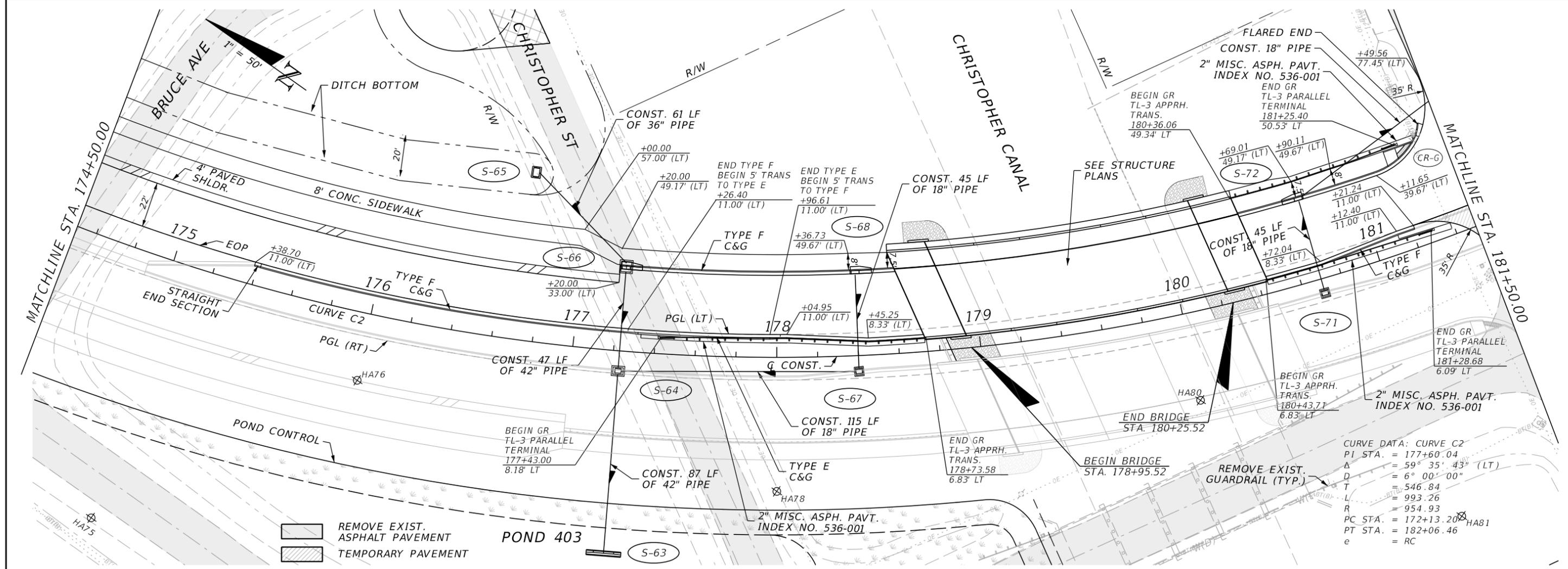
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 160+50 TO STA. 167+50**

SHEET NO.
26

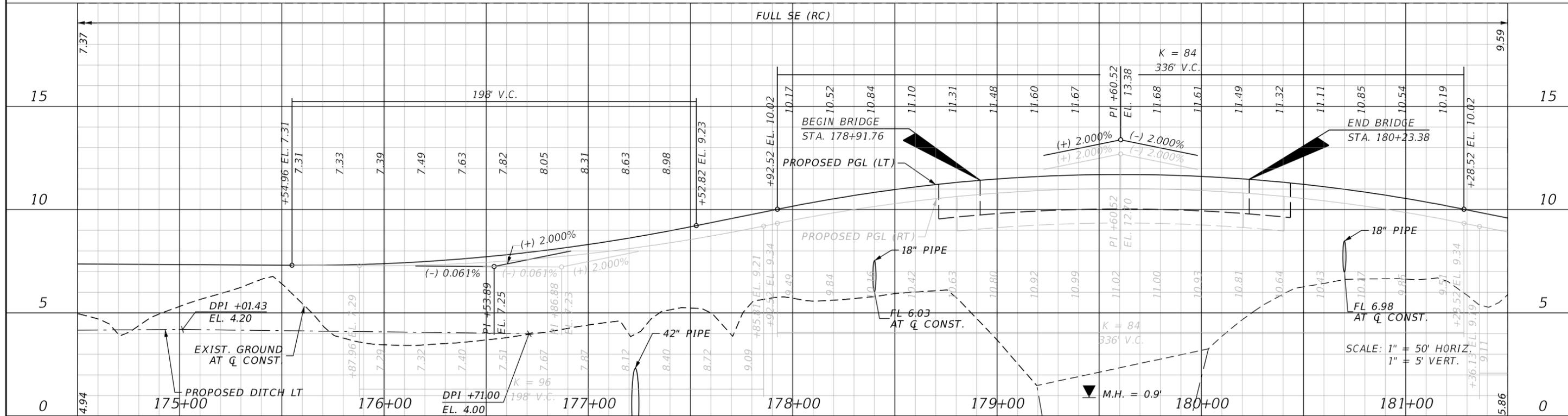
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





CURVE DATA: CURVE C2  
 PI STA. = 177+60.04  
 $\Delta$  = 59° 35' 43" (LT)  
 D = 6° 00' 00"  
 T = 546.84  
 L = 993.26  
 R = 954.93  
 PC STA. = 172+13.20  
 PT STA. = 182+06.46  
 e = RC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

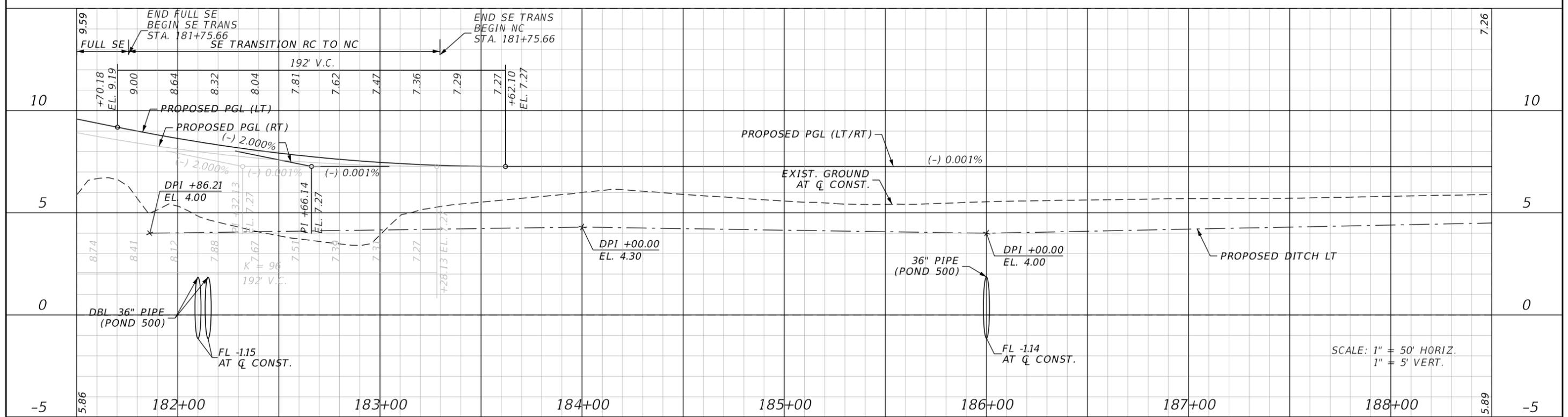
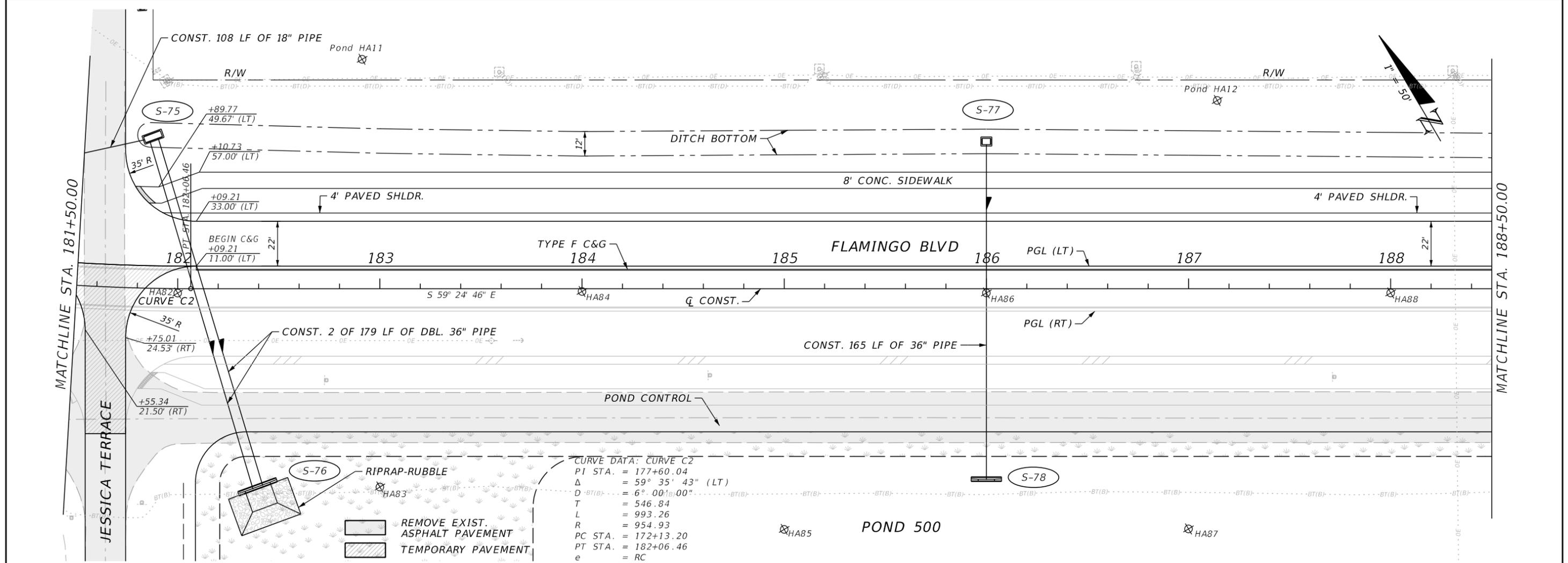
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
 STA. 174+50 TO STA. 181+50

SHEET NO.  
**28**

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

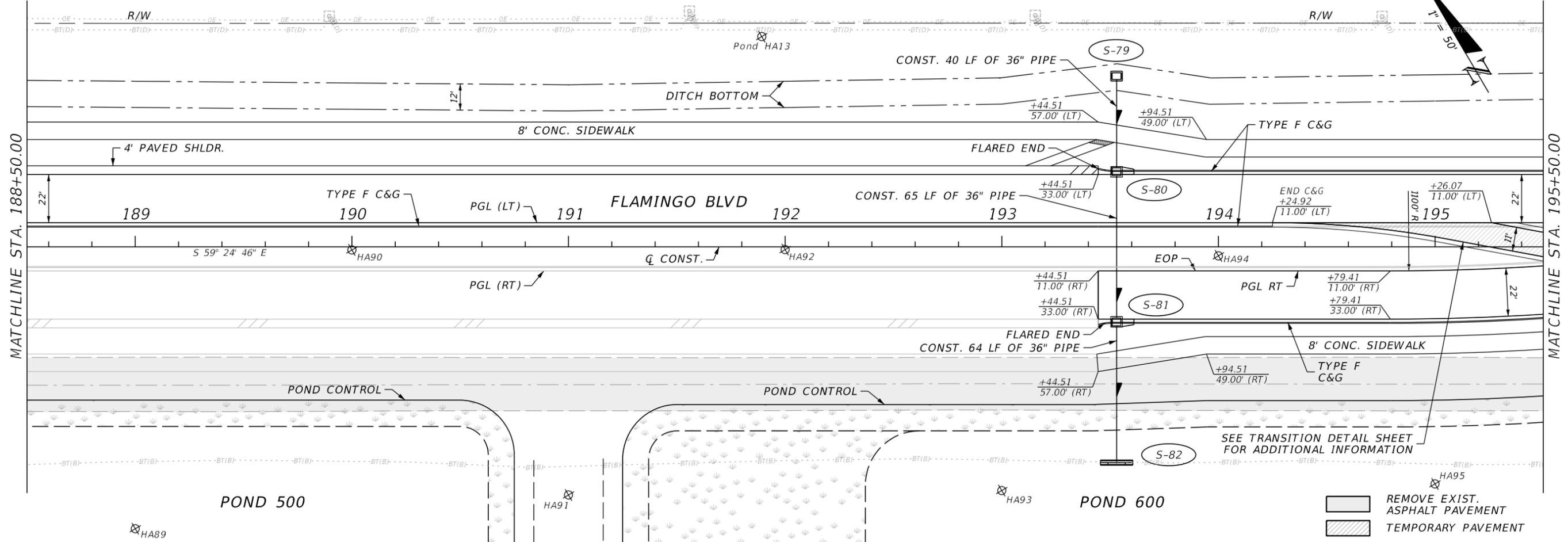
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

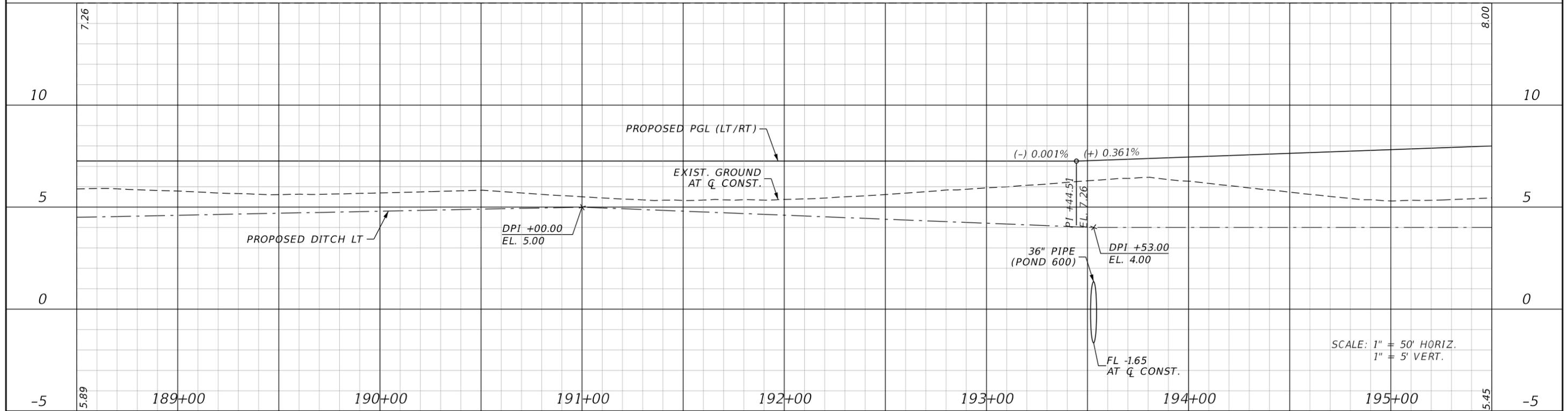
**PLAN & PROFILE**  
**STA. 181+50 TO STA. 188+50**

SHEET NO.  
**29**

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



REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 188+50 TO STA. 195+50**

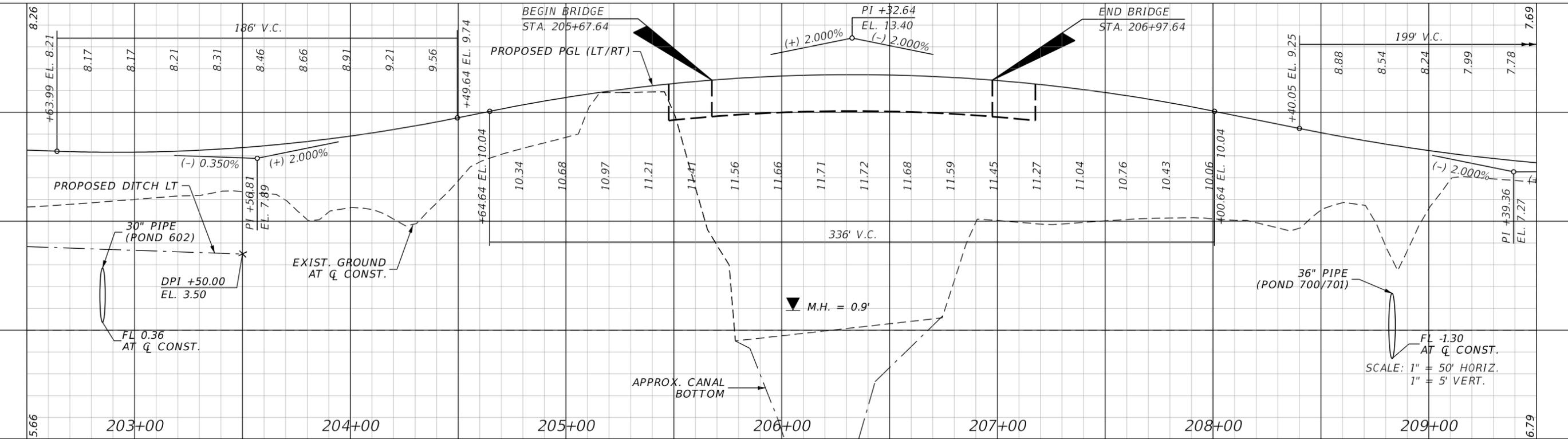
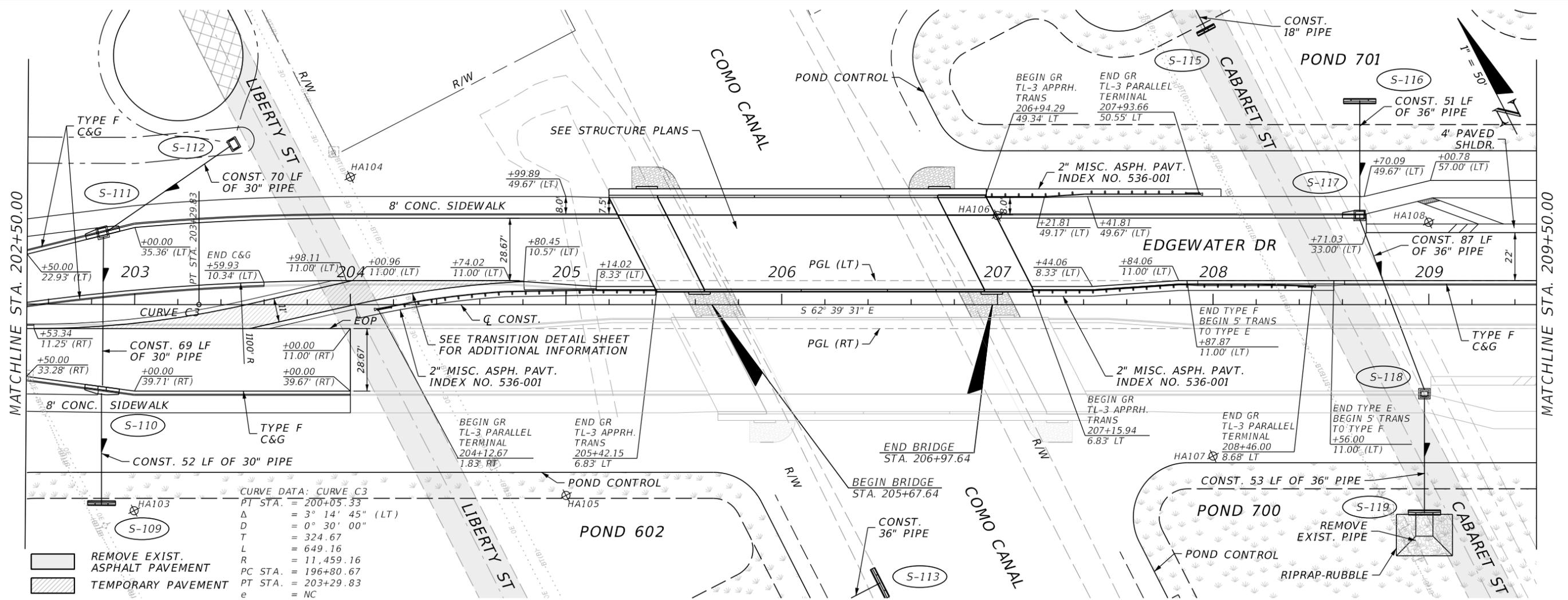
SHEET NO.
30

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



MATCHLINE STA. 202+50.00

MATCHLINE STA. 209+50.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

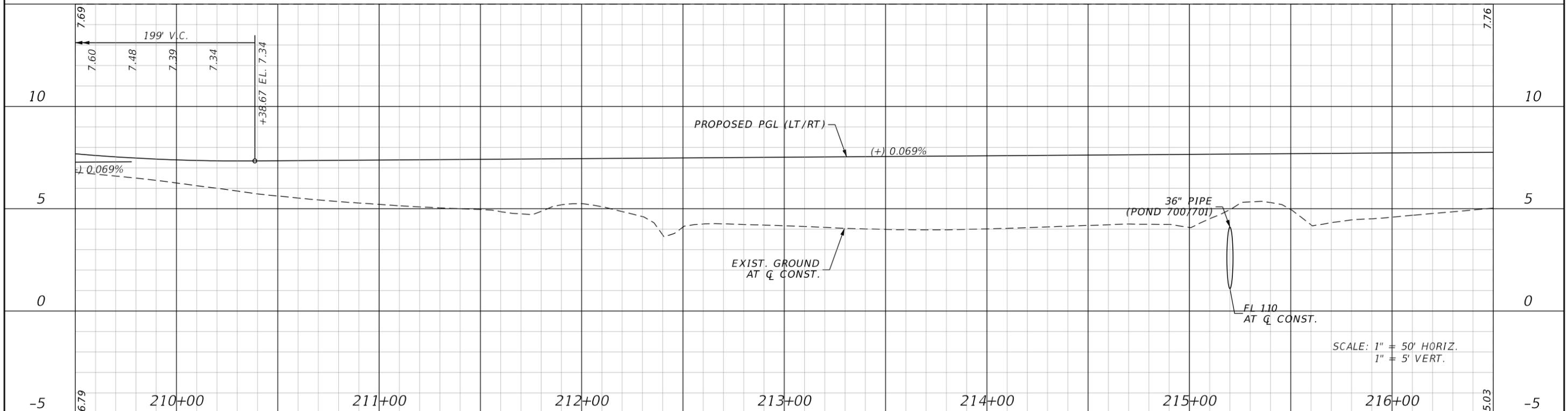
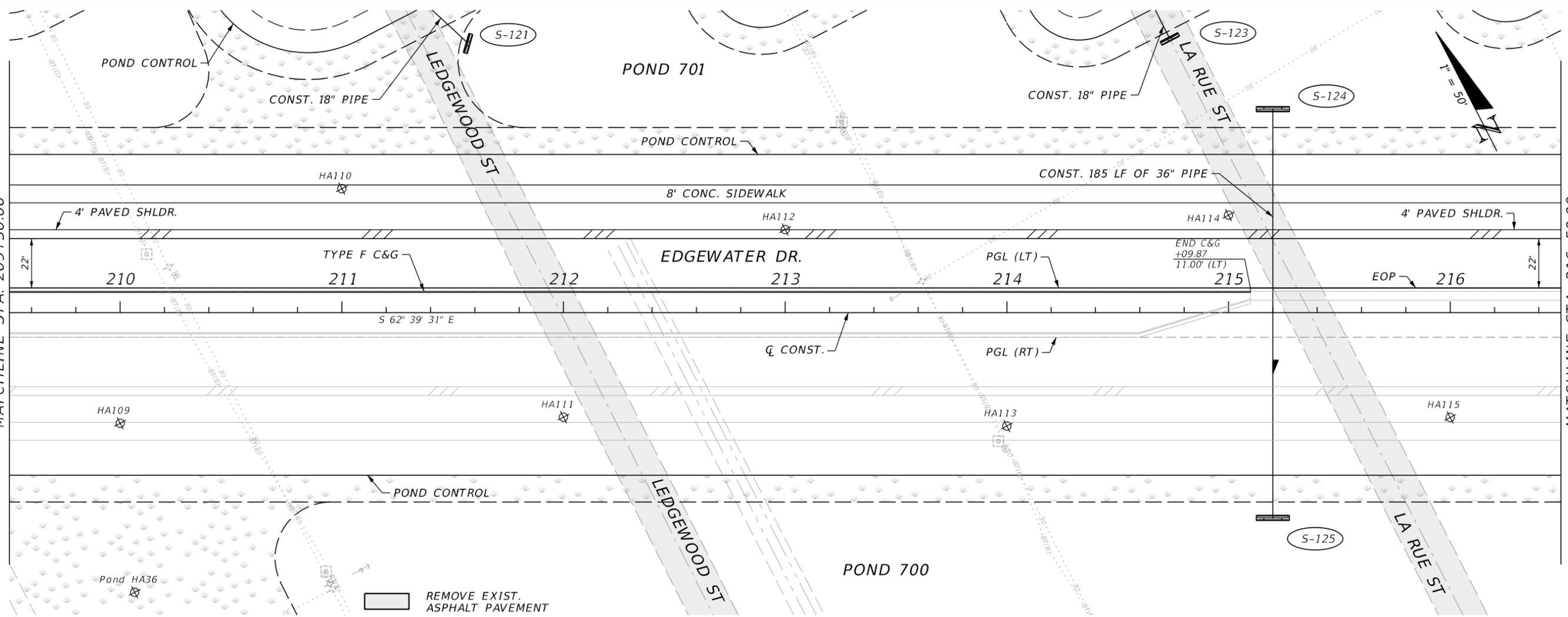
**PLAN & PROFILE**  
**STA. 202+50 TO STA. 209+50**

SHEET NO.
32

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

MATCHLINE STA. 209+50.00

MATCHLINE STA. 216+50.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON**  
ENGINEERING  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY  
PUBLIC WORKS DEPARTMENT

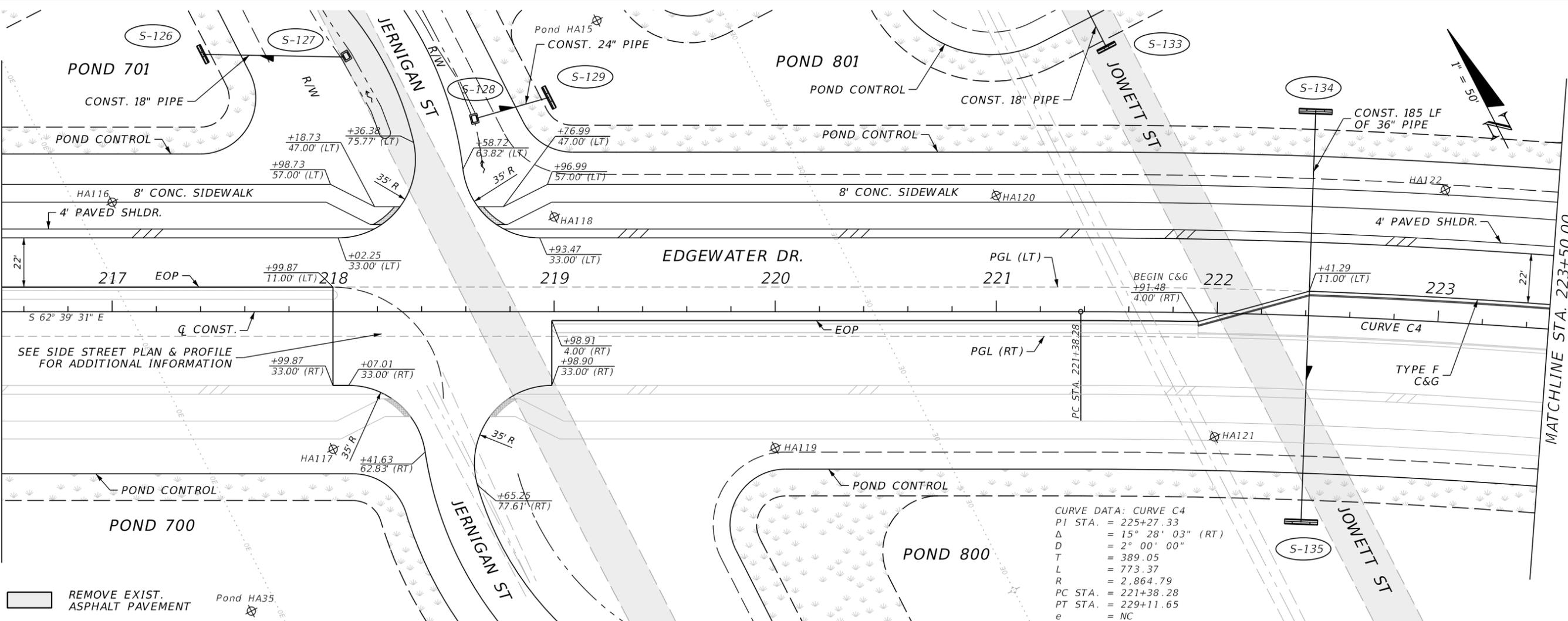
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 209+50 TO STA. 216+50**

SHEET NO.  
**33**

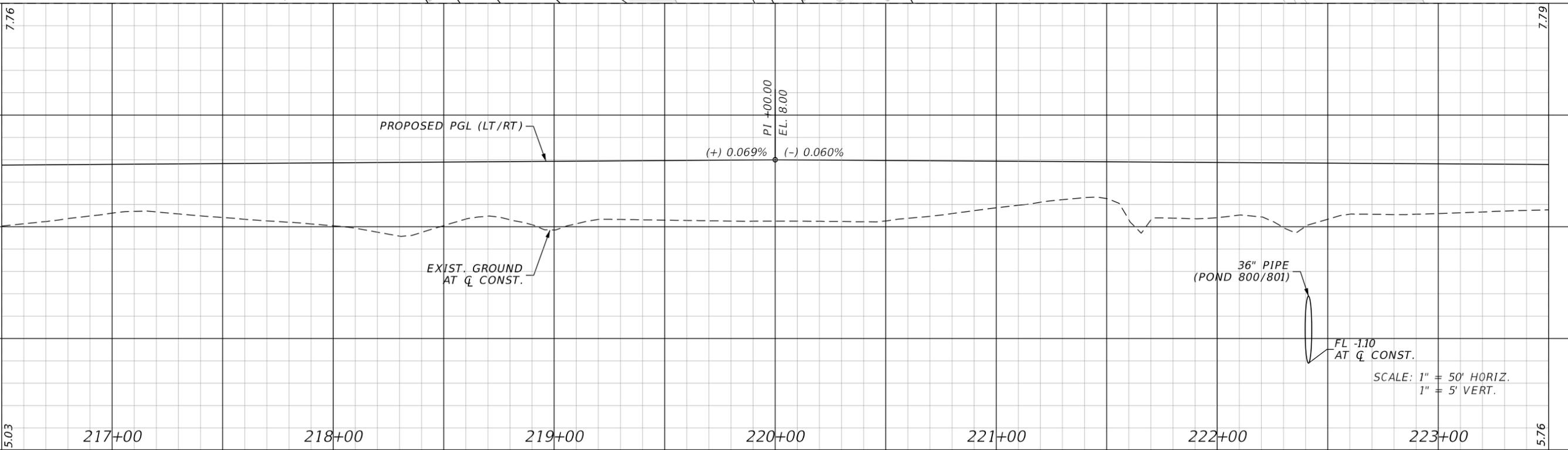
MATCHLINE STA. 216+50.00

MATCHLINE STA. 223+50.00



CURVE DATA: CURVE C4  
 PI STA. = 225+27.33  
 $\Delta$  = 15° 28' 03" (RT)  
 D = 2° 00' 00"  
 T = 389.05  
 L = 773.37  
 R = 2,864.79  
 PC STA. = 221+38.28  
 PT STA. = 229+11.65  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 Pond HA35



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

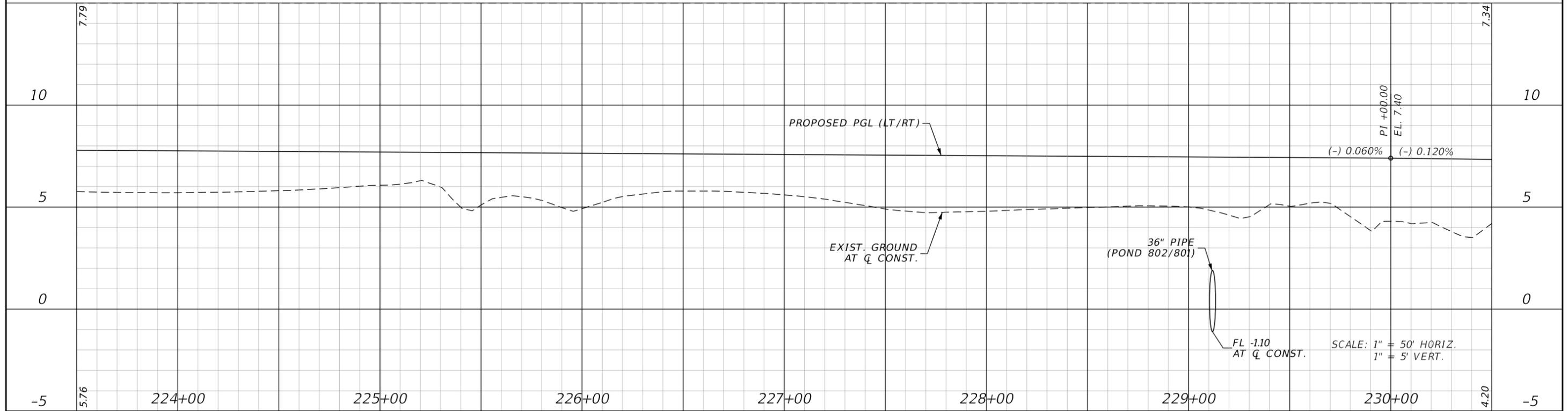
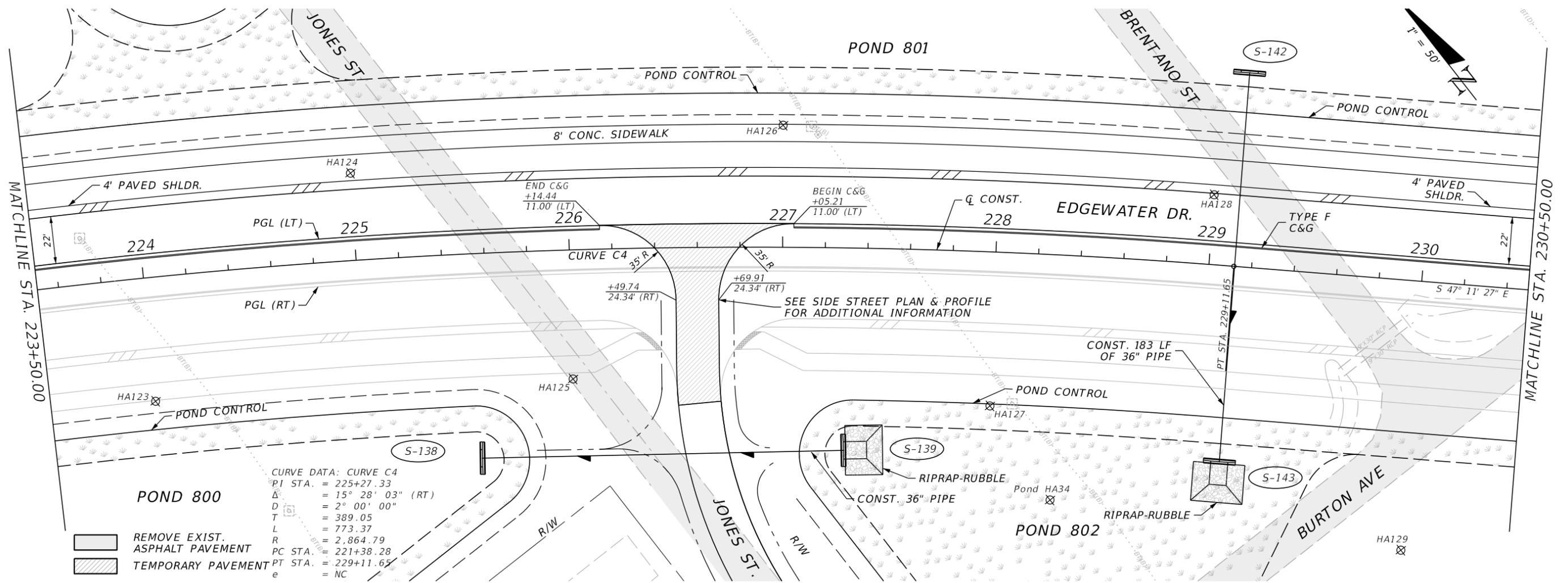
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 216+50 TO STA. 223+50**

SHEET NO. 34

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

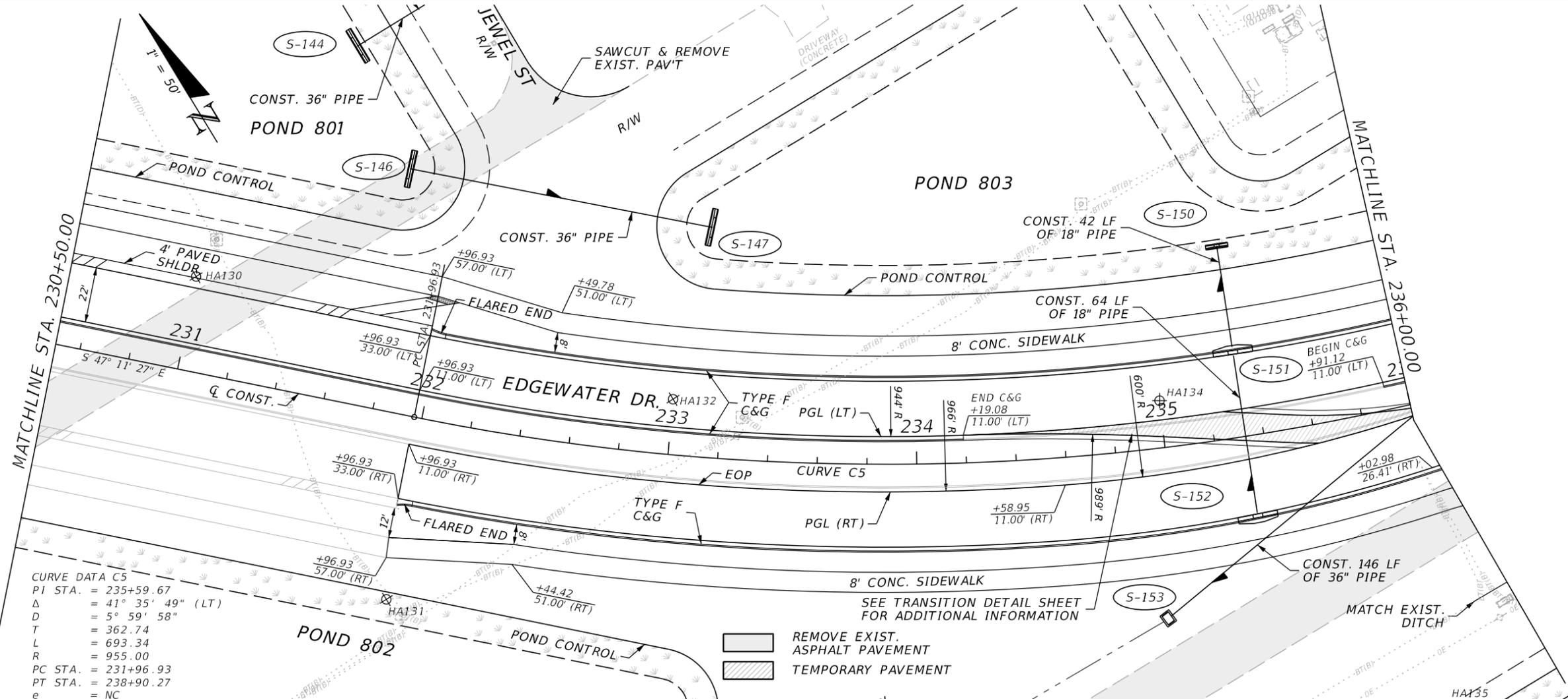
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 225+50 TO STA. 230+50**

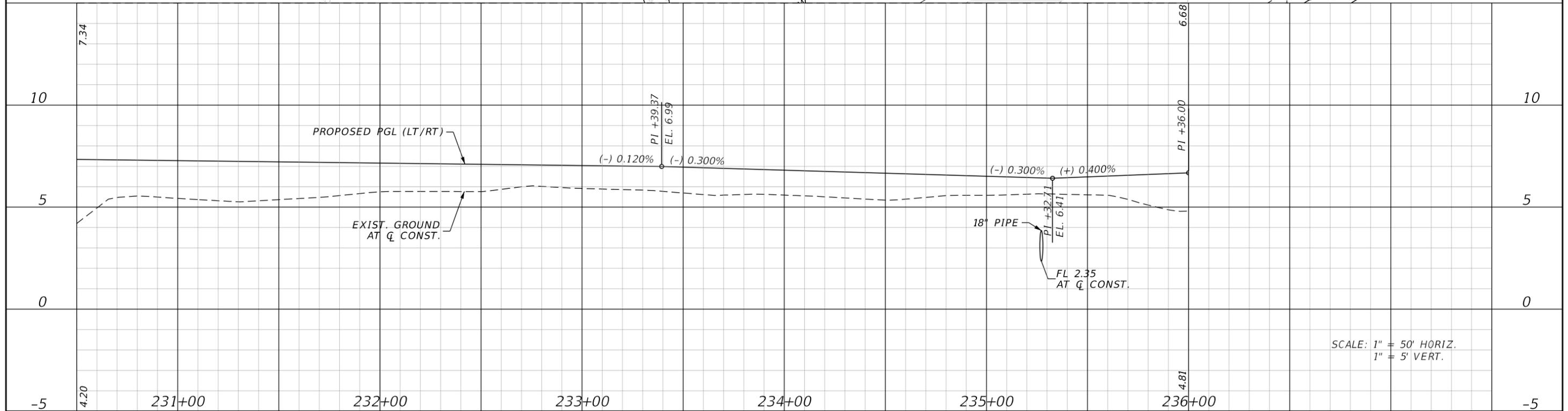
SHEET NO.  
**35**

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**CURVE DATA C5**  
 PI STA. = 235+59.67  
 $\Delta$  = 41° 35' 49" (LT)  
 D = 5° 59' 58"  
 T = 362.74  
 L = 693.34  
 R = 955.00  
 PC STA. = 231+96.93  
 PT STA. = 238+90.27  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

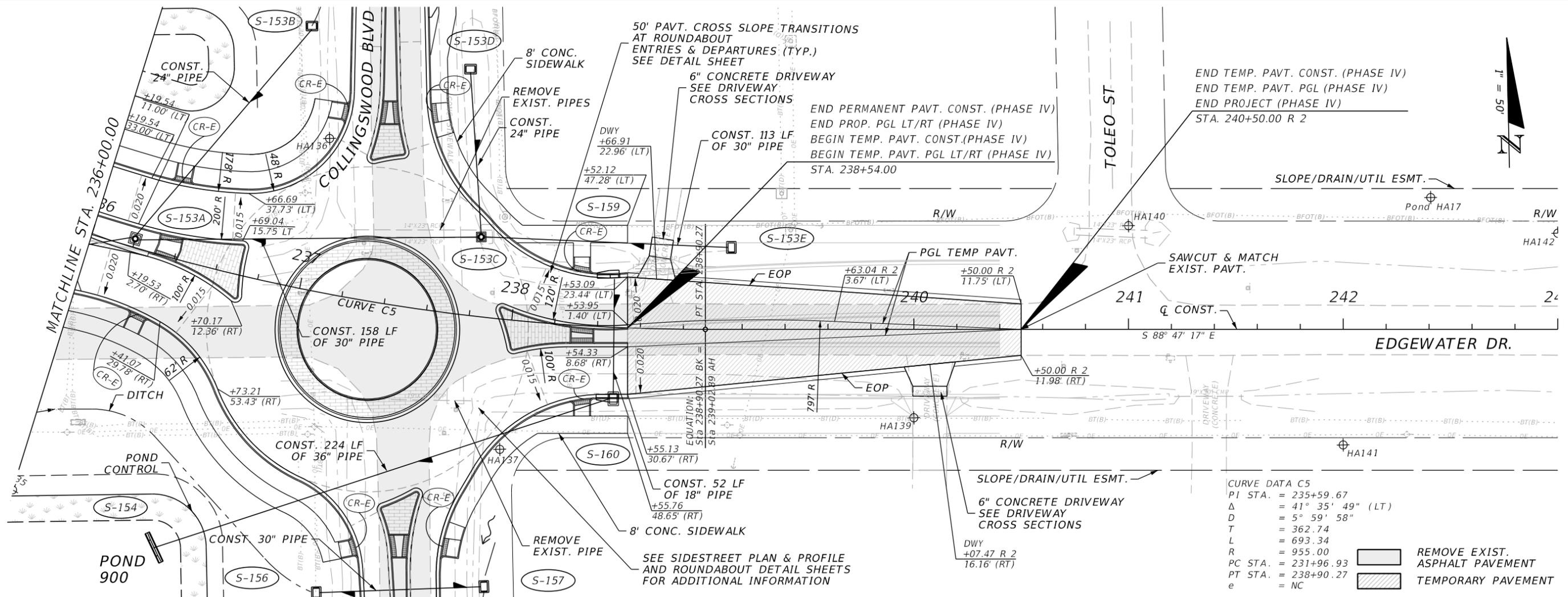
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 230+50 TO STA. 236+00**

SHEET NO.  
**36**

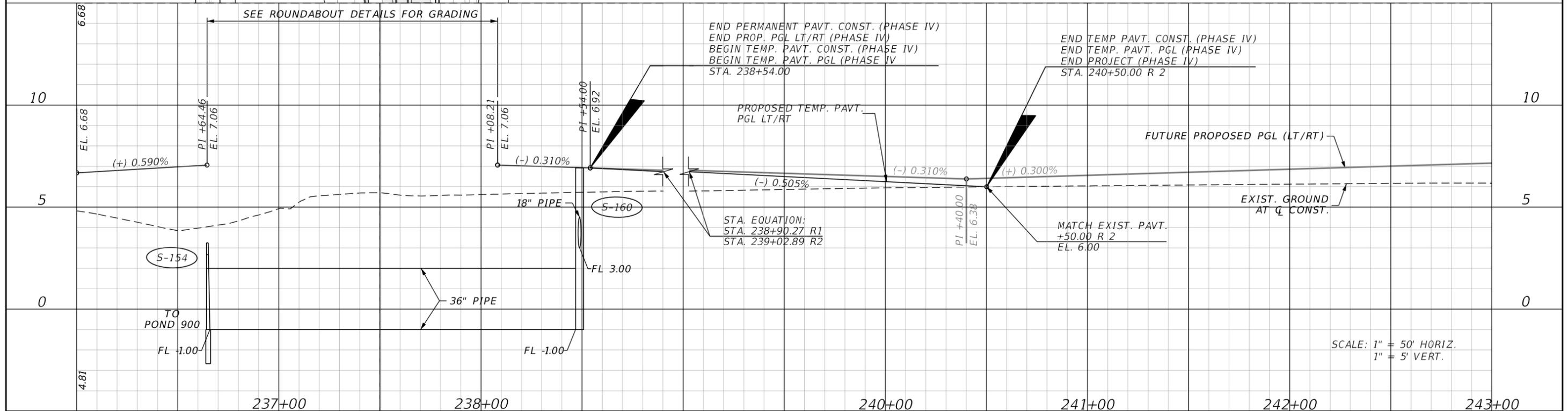
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA C5

PI STA.	= 235+59.67
Δ	= 41° 35' 49" (LT)
D	= 5° 59' 58"
T	= 362.74
L	= 693.34
R	= 955.00
PC STA.	= 231+96.93
PT STA.	= 238+90.27
e	= NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

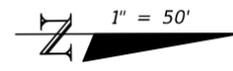
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE**  
**STA. 236+00 TO STA. 243+00**

SHEET NO. 37

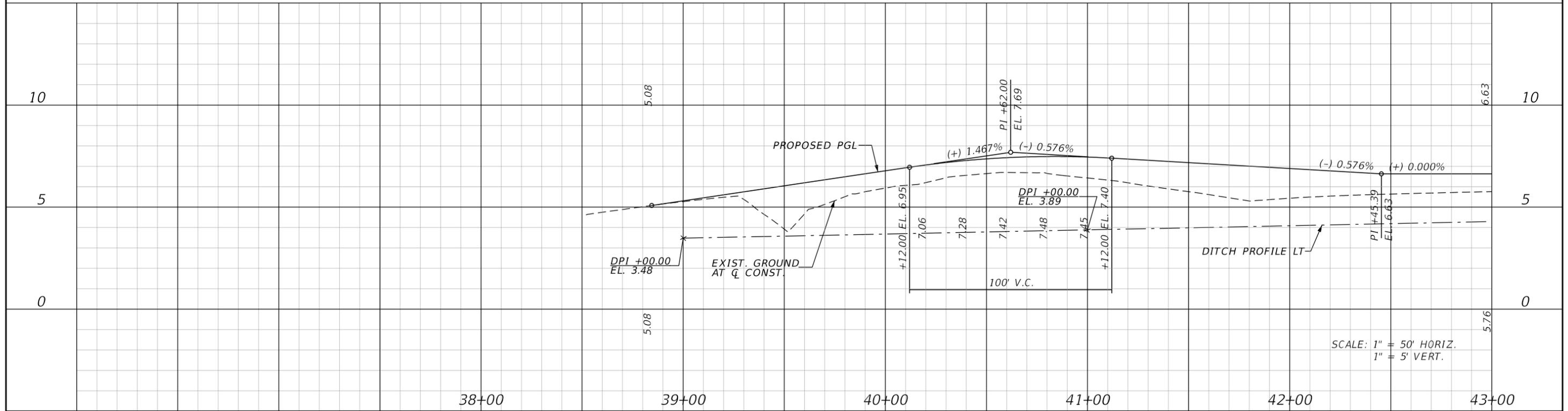
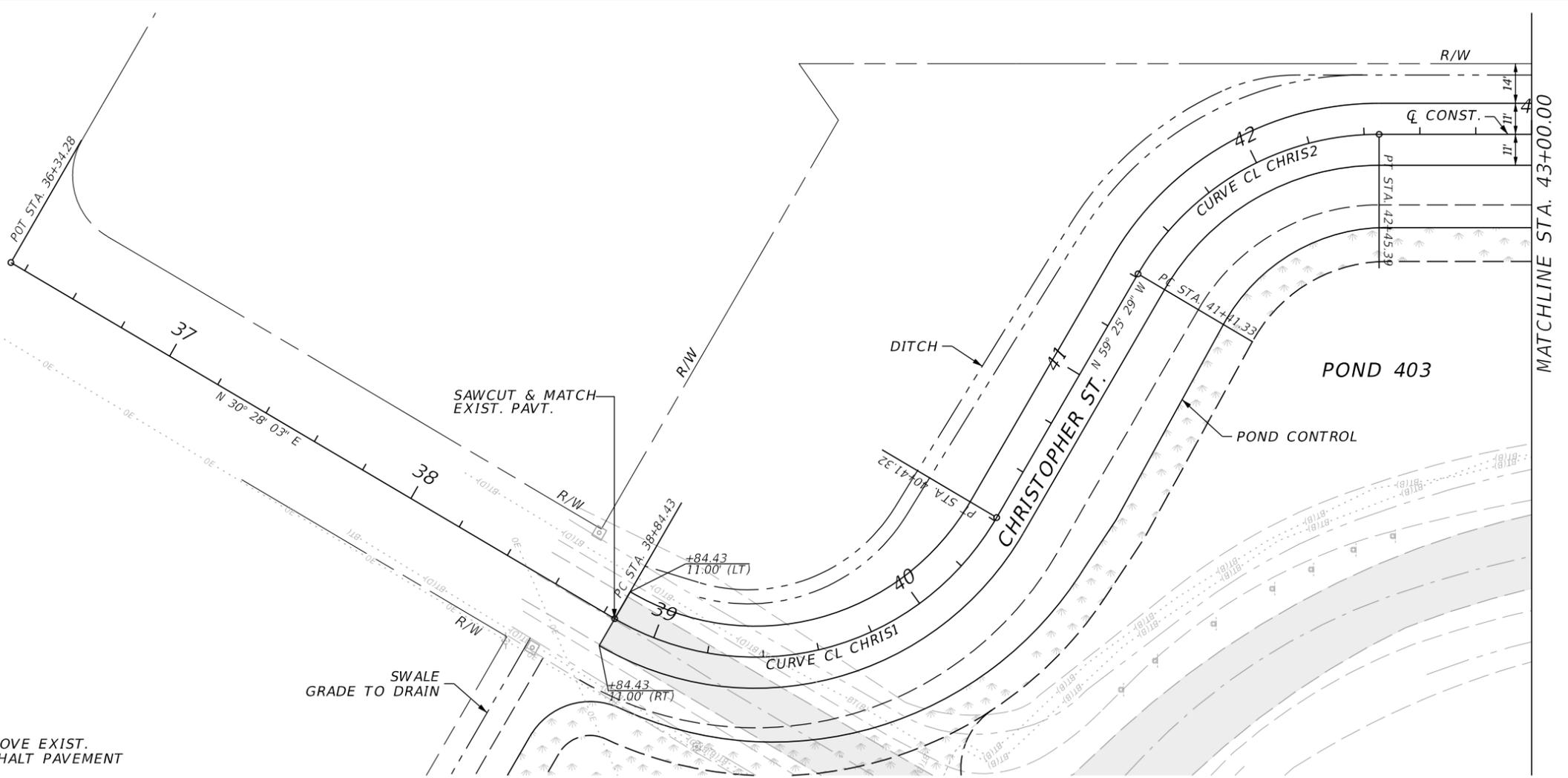
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA CL\_CHRIS1  
 PI STA. = 39+84.24  
 $\Delta$  = 89° 53' 32" (LT)  
 D = 57° 17' 45"  
 T = 99.81  
 L = 156.89  
 R = 100.00  
 PC STA. = 38+84.43  
 PT STA. = 40+41.32  
 e = NC

CURVE DATA CL\_CHRIS2  
 PI STA. = 41+98.63  
 $\Delta$  = 59° 37' 25" (RT)  
 D = 57° 17' 45"  
 T = 57.30  
 L = 104.06  
 R = 100.00  
 PC STA. = 41+41.33  
 PT STA. = 42+45.39  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

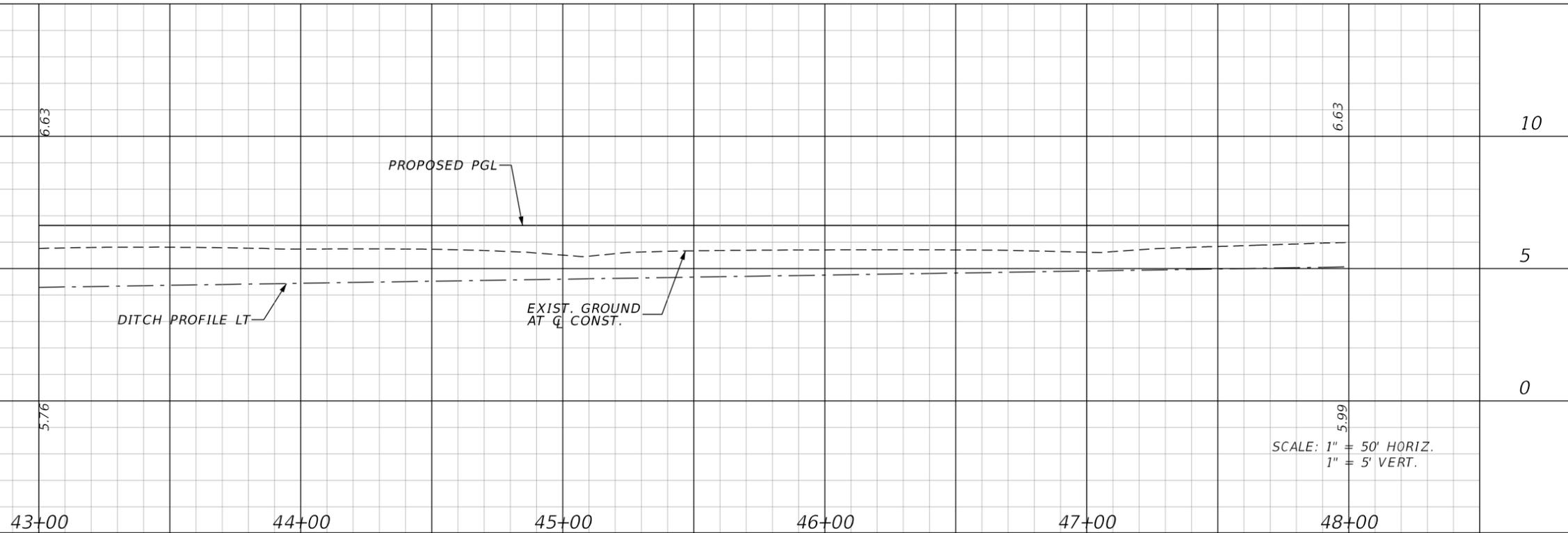
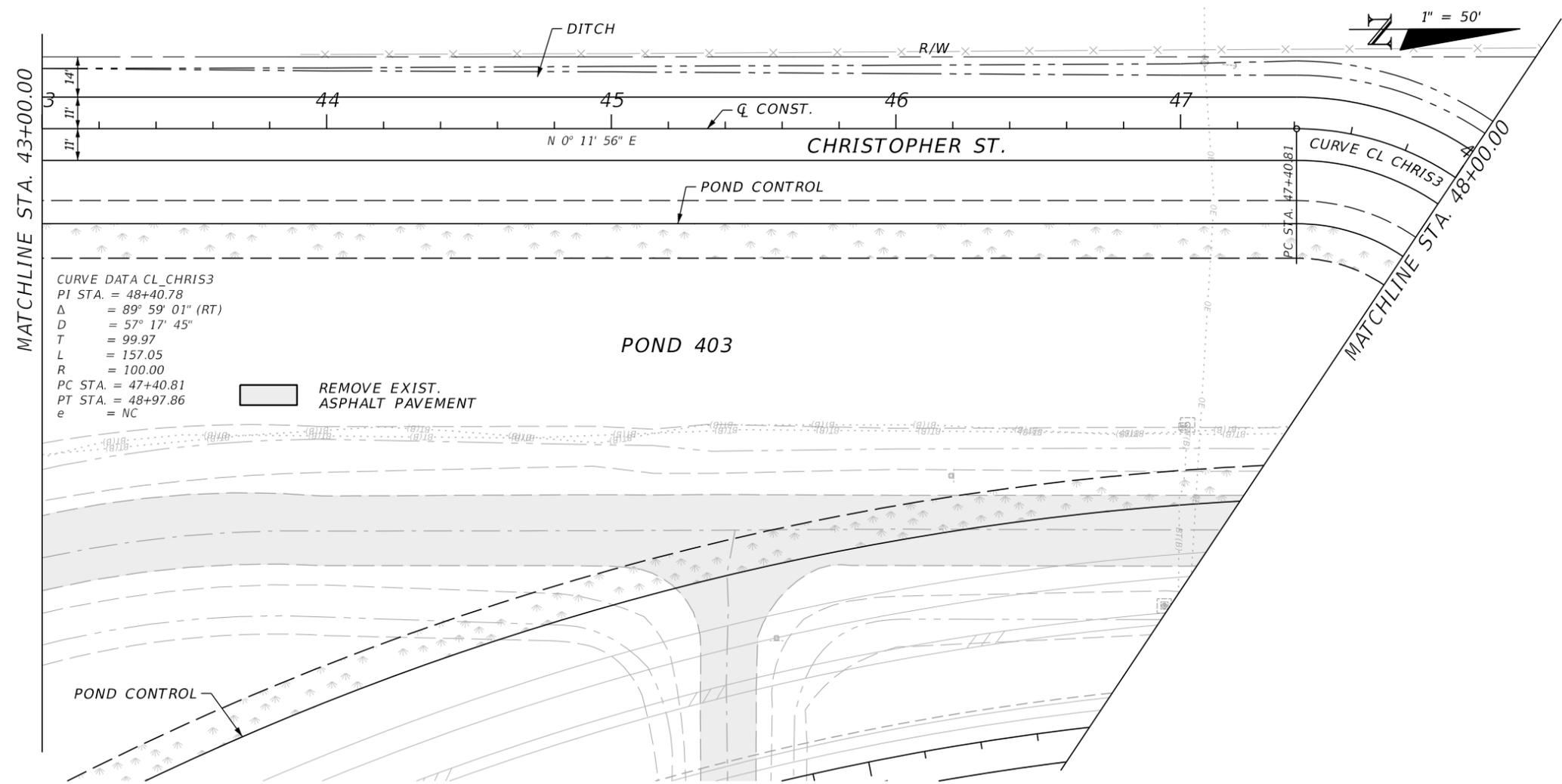
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE**  
**CHRISTOPHER ST.**

SHEET NO.
38

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

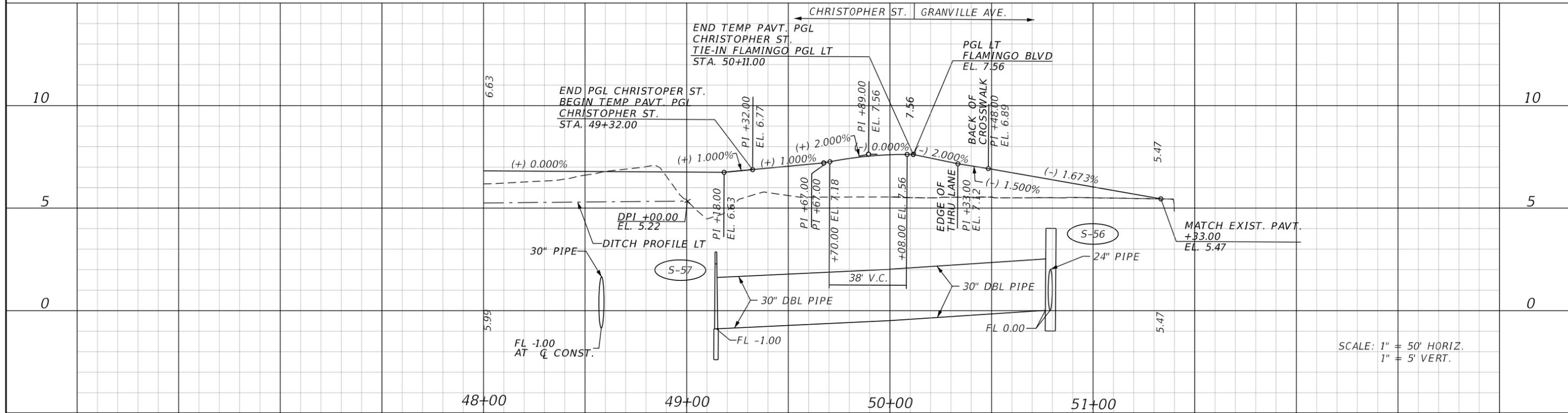
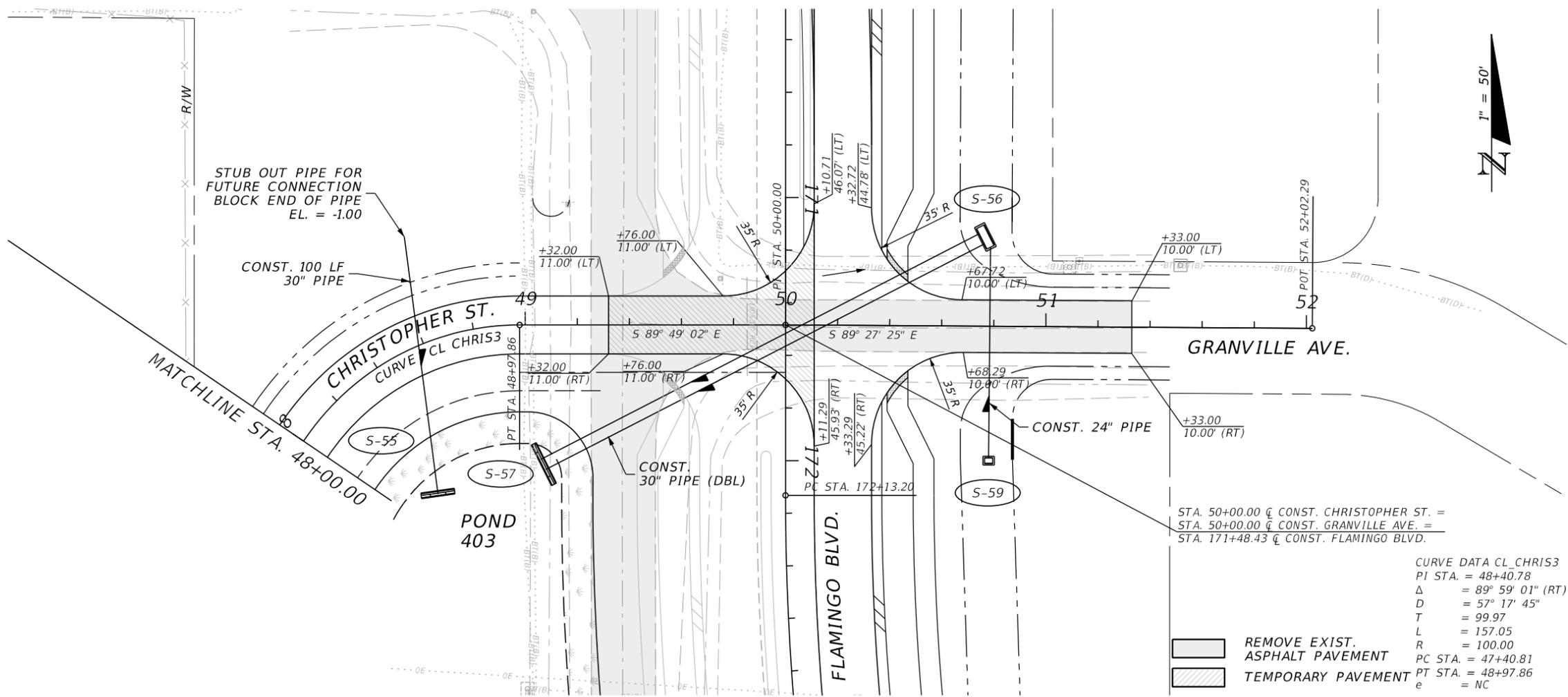
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE**  
**CHRISTOPHER ST.**

SHEET NO.
39

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REVISIONS		DESCRIPTION		DATE	DATE
DATE	DESCRIPTION	DATE	DESCRIPTION		

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY  
 PUBLIC WORKS DEPARTMENT

ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

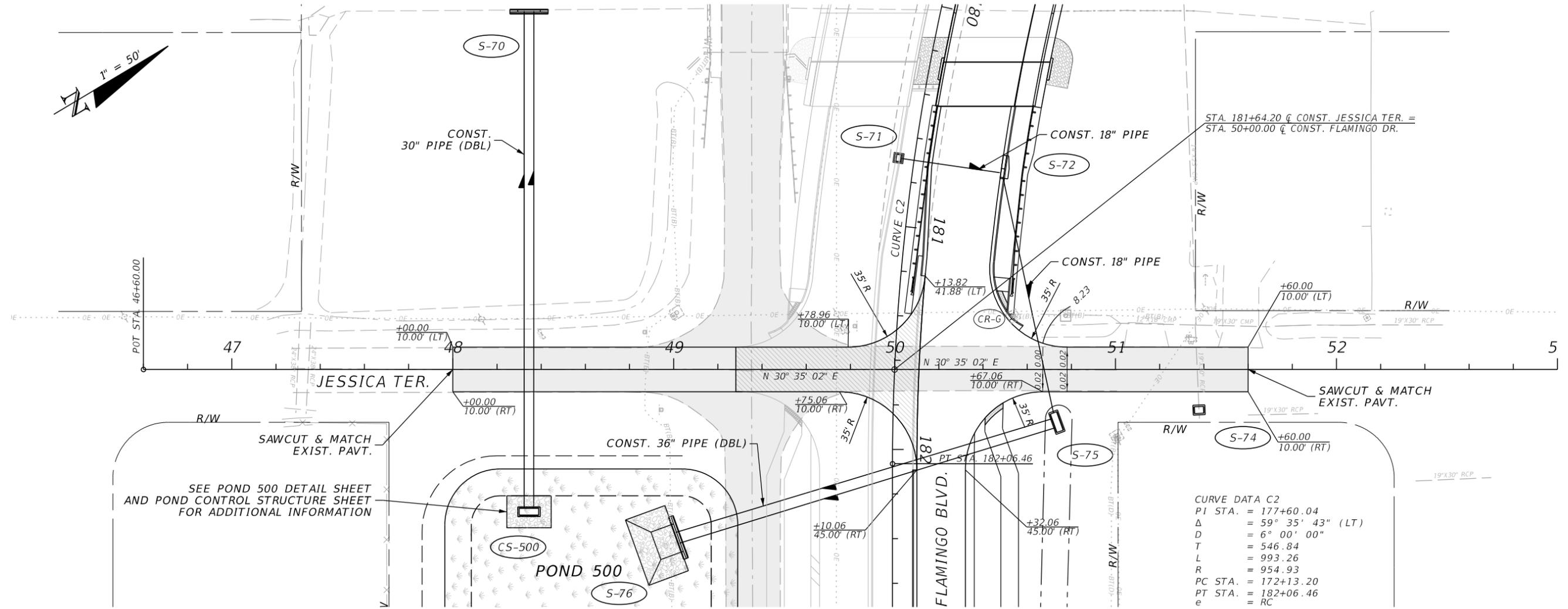
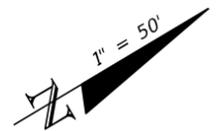
**PLAN AND PROFILE**  
**CHRISTOPHER - GRANVILLE**

SHEET NO.  
**40**

4/29/2025 1:47:36 PM Default

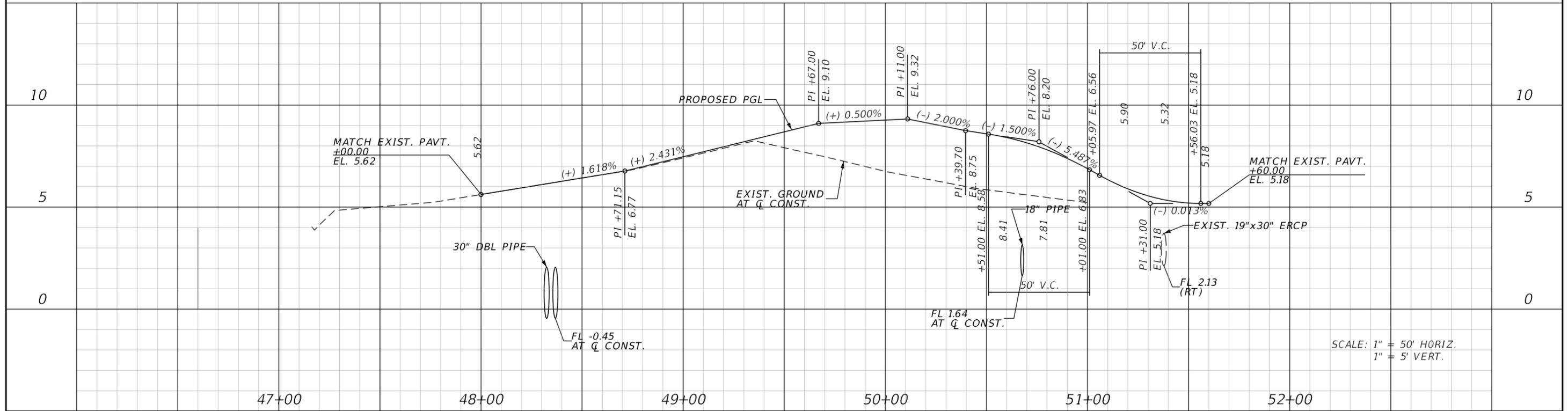
C:\Project\20225022-00R\_Phase4\roadway\PLPRRD04-Granville.dgn

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



CURVE DATA C2

PI STA.	= 177+60.04
Δ	= 59° 35' 43" (LT)
D	= 6° 00' 00"
T	= 546.84
L	= 993.26
R	= 954.93
PC STA.	= 172+13.20
PT STA.	= 182+06.46
e	= RC



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

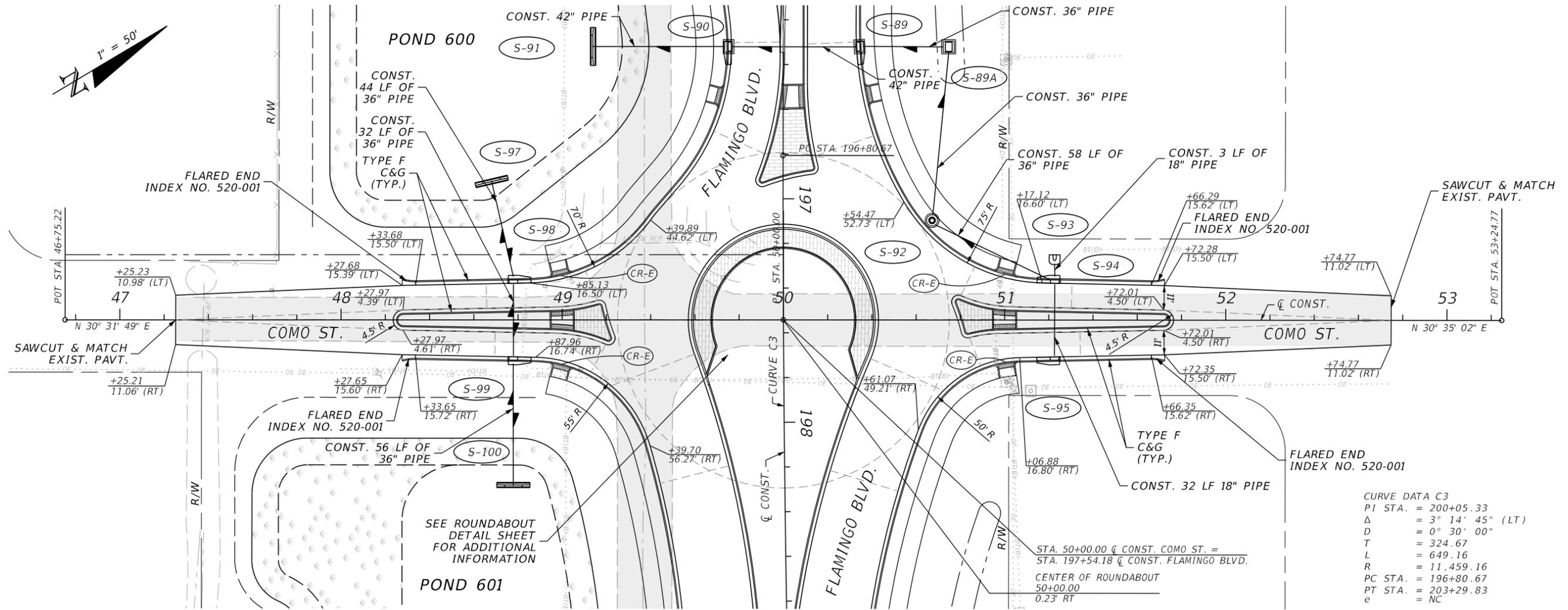
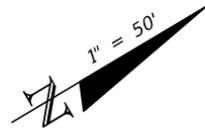
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE**  
**JESSICA TERRACE**

SHEET NO. **41**

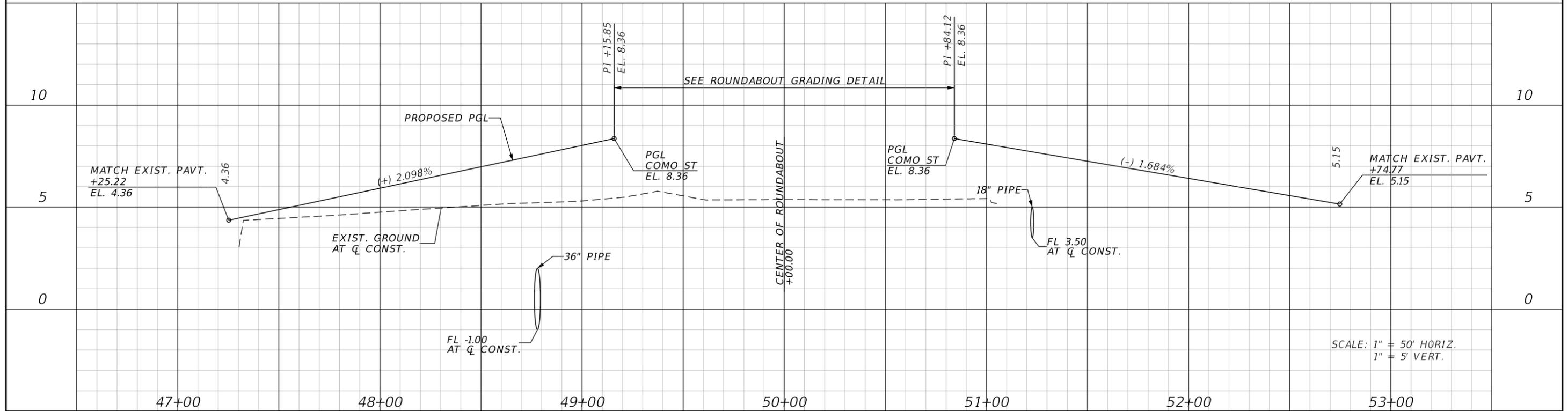
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA C3

PI STA.	= 200+05.33
Δ	= 3° 14' 45" (LT)
D	= 0° 30' 00"
T	= 324.67
L	= 649.16
R	= 11,459.16
PC STA.	= 196+80.67
PT STA.	= 203+29.83
e	= NC

STA. 50+00.00 Q CONST. COMO ST. =  
 STA. 197+54.18 Q CONST. FLAMINGO BLVD.  
 CENTER OF ROUNDABOUT  
 50+00.00  
 0.23' RT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

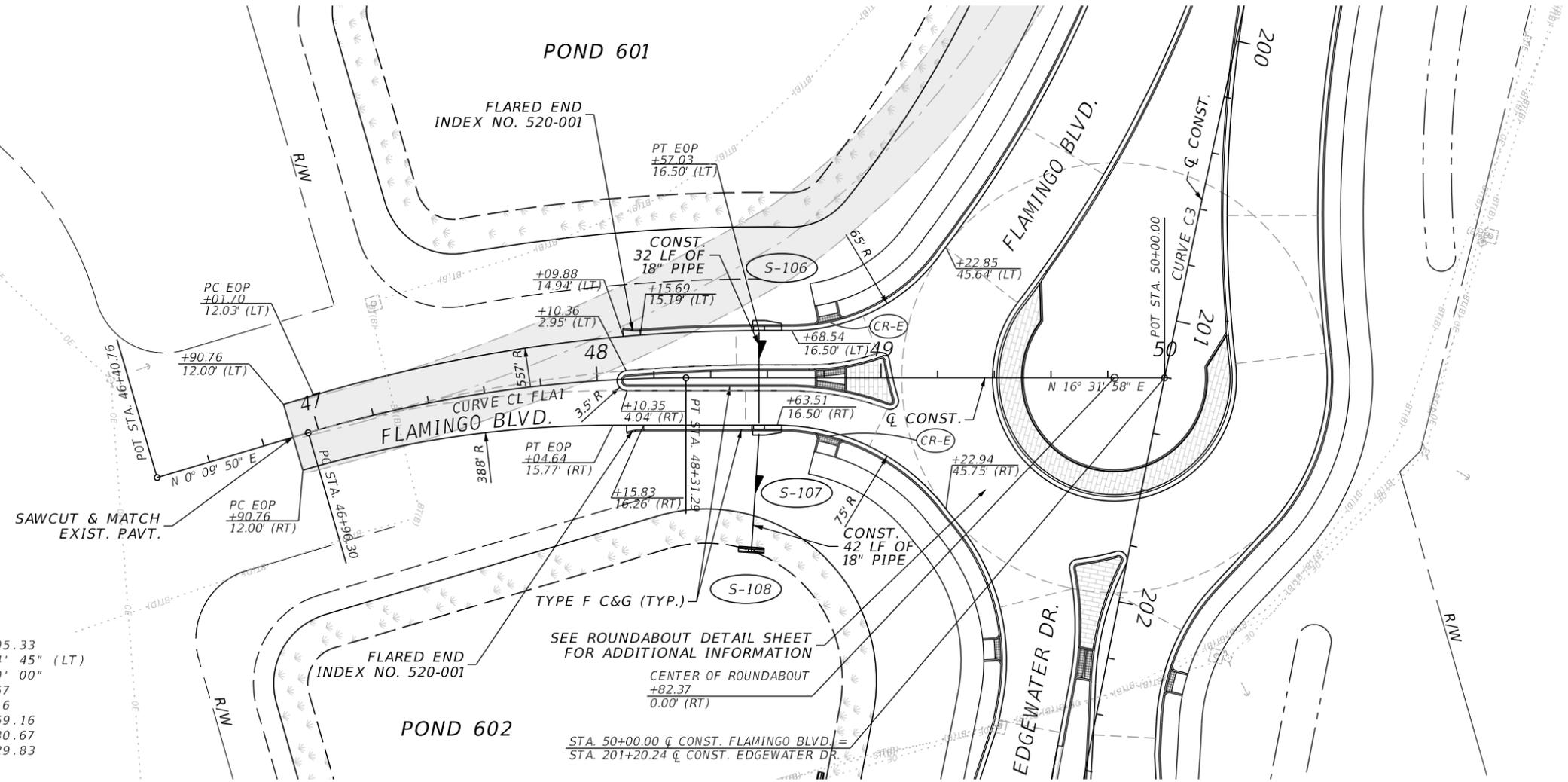
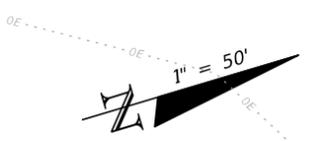
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE  
 COMO ST.**

SHEET NO.  
**42**

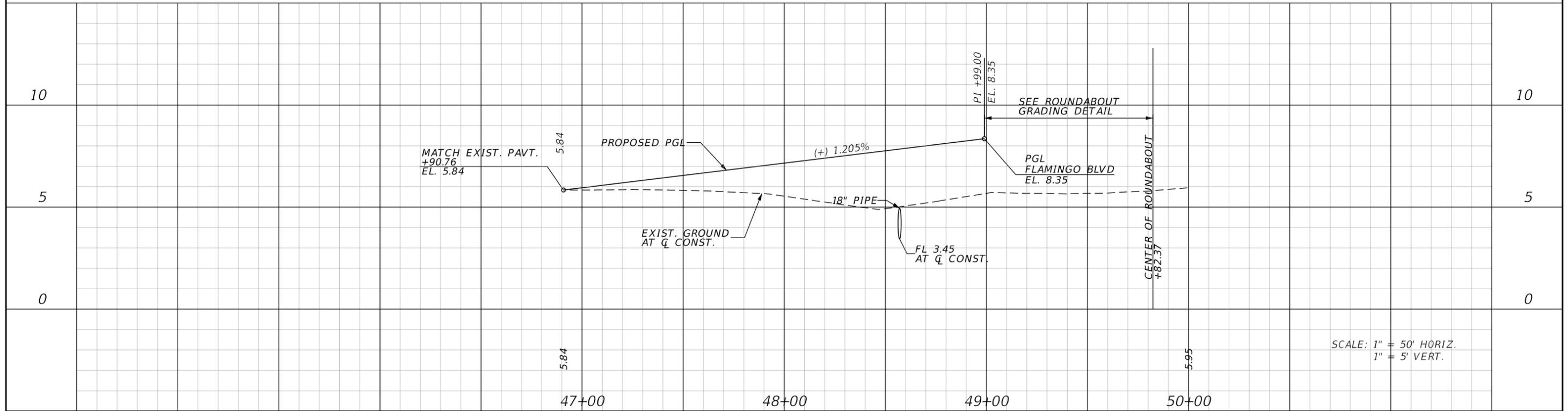
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REMOVE EXIST. ASPHALT PAVEMENT

**CURVE DATA CL\_FLAI**  
 PI STA. = 47+64.26  
 Δ = 16° 22' 08" (RT)  
 D = 12° 07' 34"  
 T = 67.96  
 L = 134.99  
 R = 472.50  
 PC STA. = 46+96.30  
 PT STA. = 48+31.29  
 e = NC

**CURVE DATA C3**  
 PI STA. = 200+05.33  
 Δ = 3° 14' 45" (LT)  
 D = 0° 30' 00"  
 T = 324.67  
 L = 649.16  
 R = 11,459.16  
 PC STA. = 196+80.67  
 PT STA. = 203+29.83  
 e = NC



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

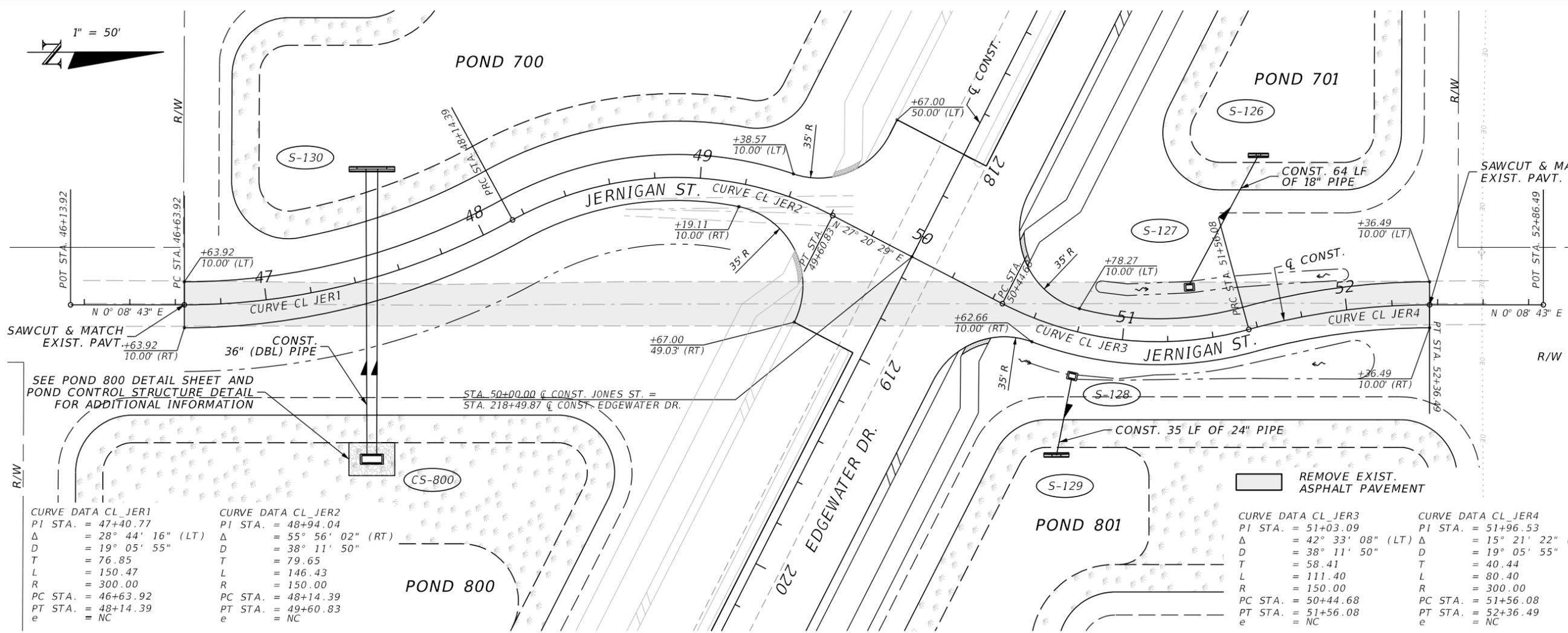
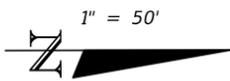
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE  
 FLAMINGO BLVD.**

SHEET NO.  
**43**

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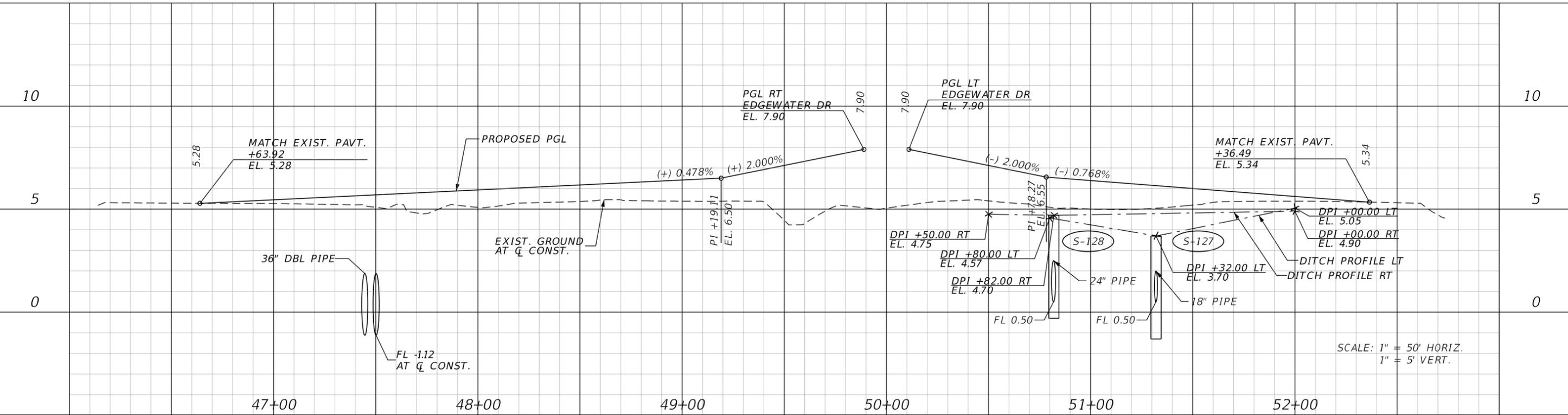


**CURVE DATA CL\_JER1**  
 PI STA. = 47+40.77  
 $\Delta$  = 28° 44' 16" (LT)  
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 $T$  = 76.85  
 $L$  = 150.47  
 $R$  = 300.00  
 PC STA. = 46+63.92  
 PT STA. = 48+14.39  
 $e$  = NC

**CURVE DATA CL\_JER2**  
 PI STA. = 48+94.04  
 $\Delta$  = 55° 56' 02" (RT)  
 $D$  = 38° 11' 50"  
 $T$  = 79.65  
 $L$  = 146.43  
 $R$  = 150.00  
 PC STA. = 48+14.39  
 PT STA. = 49+60.83  
 $e$  = NC

**CURVE DATA CL\_JER3**  
 PI STA. = 51+03.09  
 $\Delta$  = 42° 33' 08" (LT)  
 $D$  = 38° 11' 50"  
 $T$  = 58.41  
 $L$  = 111.40  
 $R$  = 150.00  
 PC STA. = 50+44.68  
 PT STA. = 51+56.08  
 $e$  = NC

**CURVE DATA CL\_JER4**  
 PI STA. = 51+96.53  
 $\Delta$  = 15° 21' 22" (RT)  
 $D$  = 19° 05' 55"  
 $T$  = 40.44  
 $L$  = 80.40  
 $R$  = 300.00  
 PC STA. = 51+56.08  
 PT STA. = 52+36.49  
 $e$  = NC



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

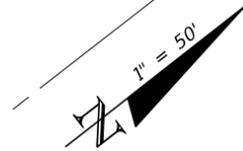
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE**  
**JERNIGAN ST.**

SHEET NO.
44

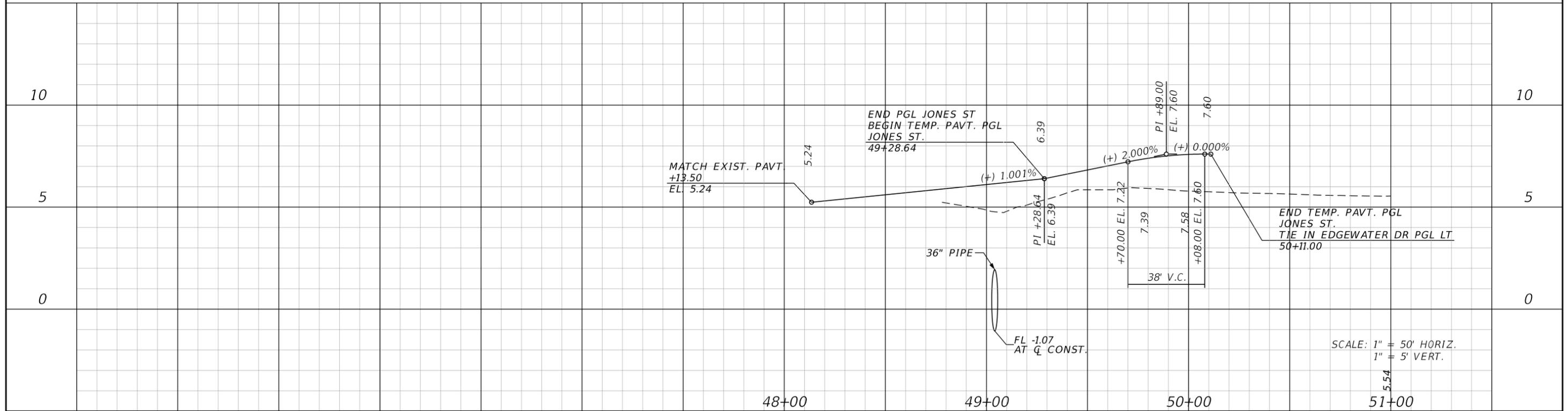
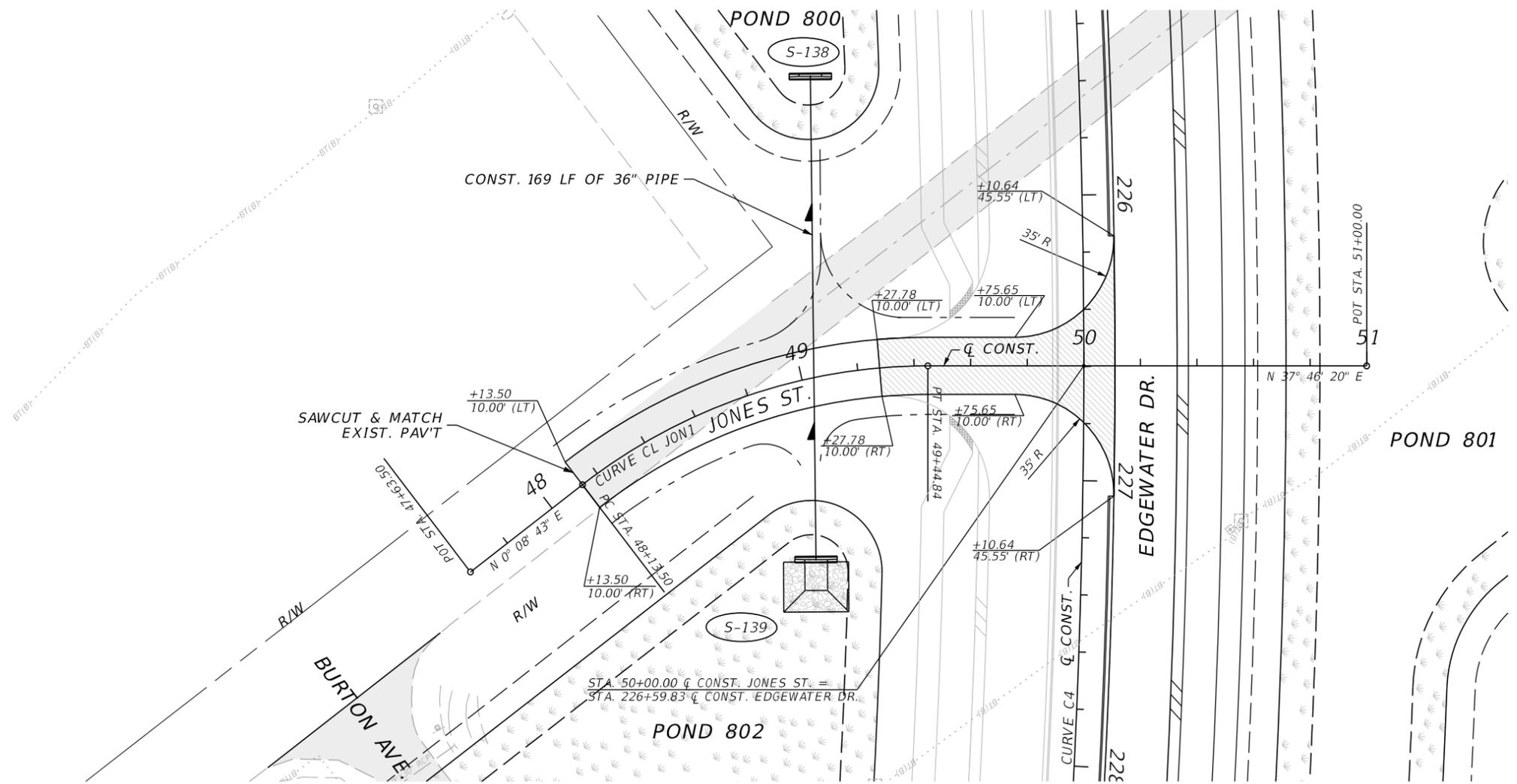
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CURVE DATA CL\_JON1  
 PI STA. = 48+81.64  
 Δ = 37° 37' 37" (RT)  
 D = 28° 38' 52"  
 T = 68.14  
 L = 131.34  
 R = 200.00  
 PC STA. = 48+13.50  
 PT STA. = 49+44.84  
 e = NC

CURVE DATA C4  
 PI STA. = 225+27.33  
 Δ = 15° 28' 03" (RT)  
 D = 2° 00' 00"  
 T = 389.05  
 L = 773.37  
 R = 2,864.79  
 PC STA. = 221+38.28  
 PT STA. = 229+11.65  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

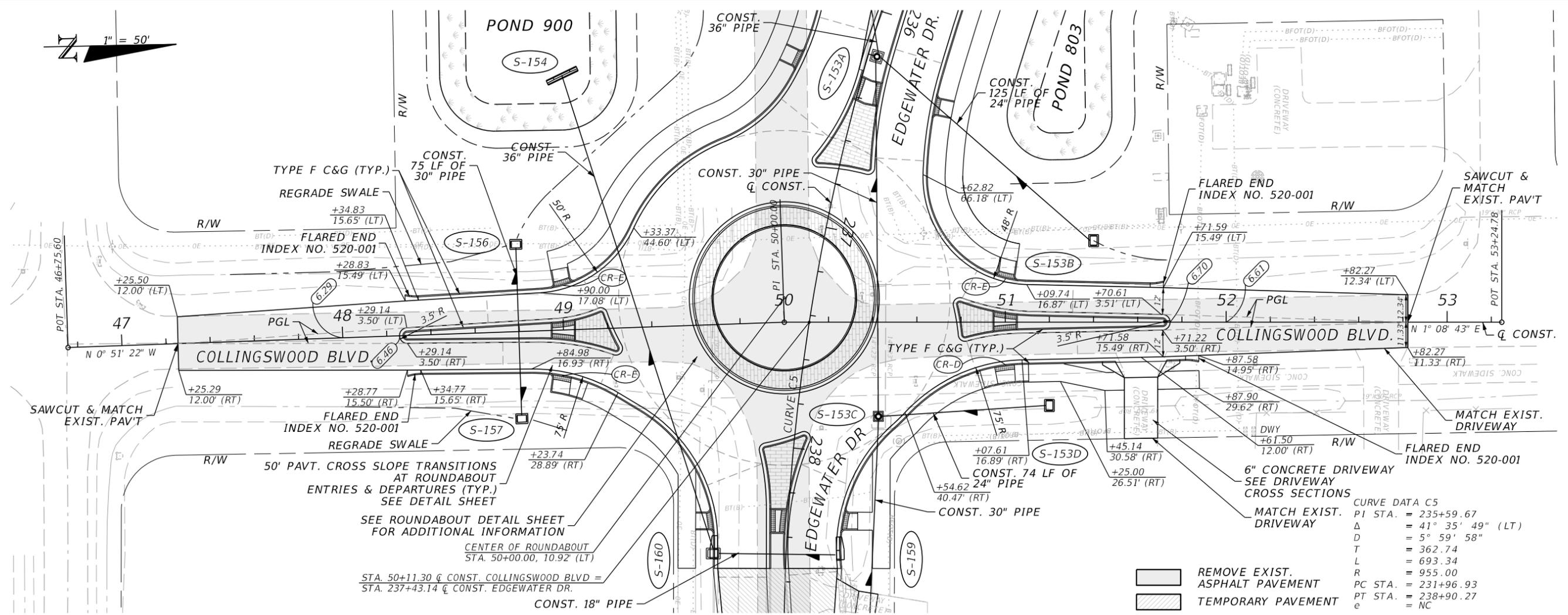
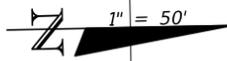
CHARLOTTE COUNTY  
 PUBLIC WORKS DEPARTMENT

ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN AND PROFILE**  
**JONES ST.**

SHEET NO.  
**45**

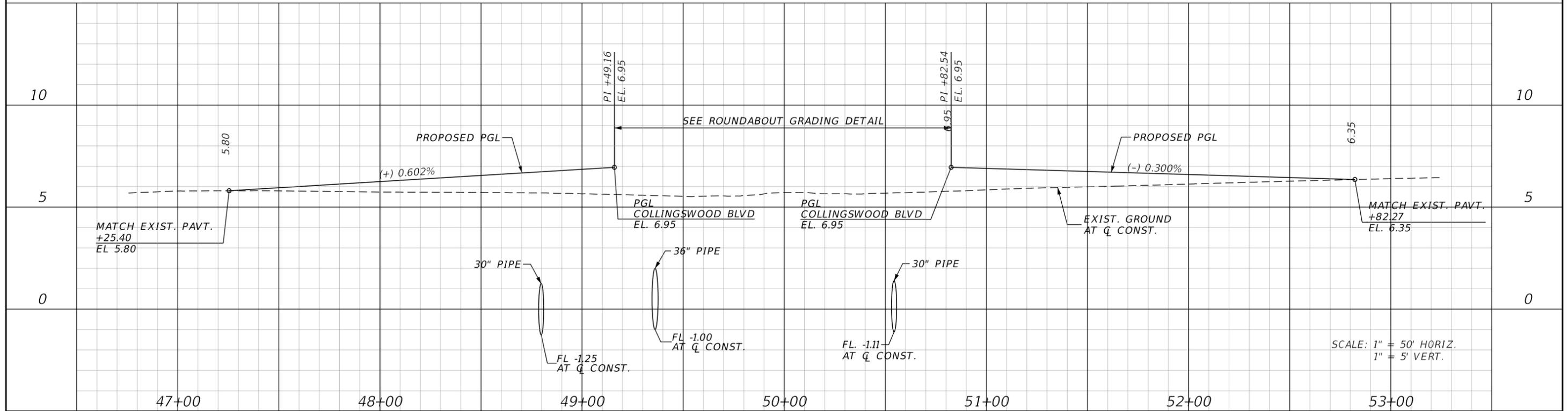
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SEE ROUNDABOUT DETAIL SHEET FOR ADDITIONAL INFORMATION  
 CENTER OF ROUNDABOUT  
 STA. 50+00.00, 10.92' (LT)  
 STA. 50+11.30 @ CONST. COLLINGSWOOD BLVD =  
 STA. 237+43.14 @ CONST. EDGEWATER DR.

CURVE DATA C5  
 PI STA. = 235+59.67  
 $\Delta$  = 41° 35' 49" (LT)  
 D = 5° 59' 58"  
 T = 362.74  
 L = 693.34  
 R = 955.00  
 PC STA. = 231+96.93  
 PT STA. = 238+90.27  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY  
 PUBLIC WORKS DEPARTMENT  
 ROAD NO. COUNTY PROJECT ID  
 CHARLOTTE 20225022-00R

**PLAN AND PROFILE  
 COLLINGSWOOD BLVD.**

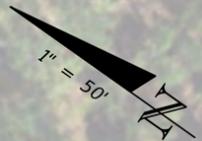
SHEET NO.  
**46**

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S-73  
 ON EAST SIDE OF JESSICA TER.  
 BETWEEN DRAYTON AND CYNTHIA  
 DBI TYPE C  
 TIE IN EXIST. 19"x30" ERCP  
 INDEX NO. 425-052  
 GRATE EL. 5.40  
 FL. 2.70± (EXIST.)  
 BOTTOM EL. 1.50



S-73

CONNECT EXIST. 19" X 30" PIPE  
 TO S-73

MATCHLINE SEE SHEET XX

REVISIONS	
DATE	DESCRIPTION

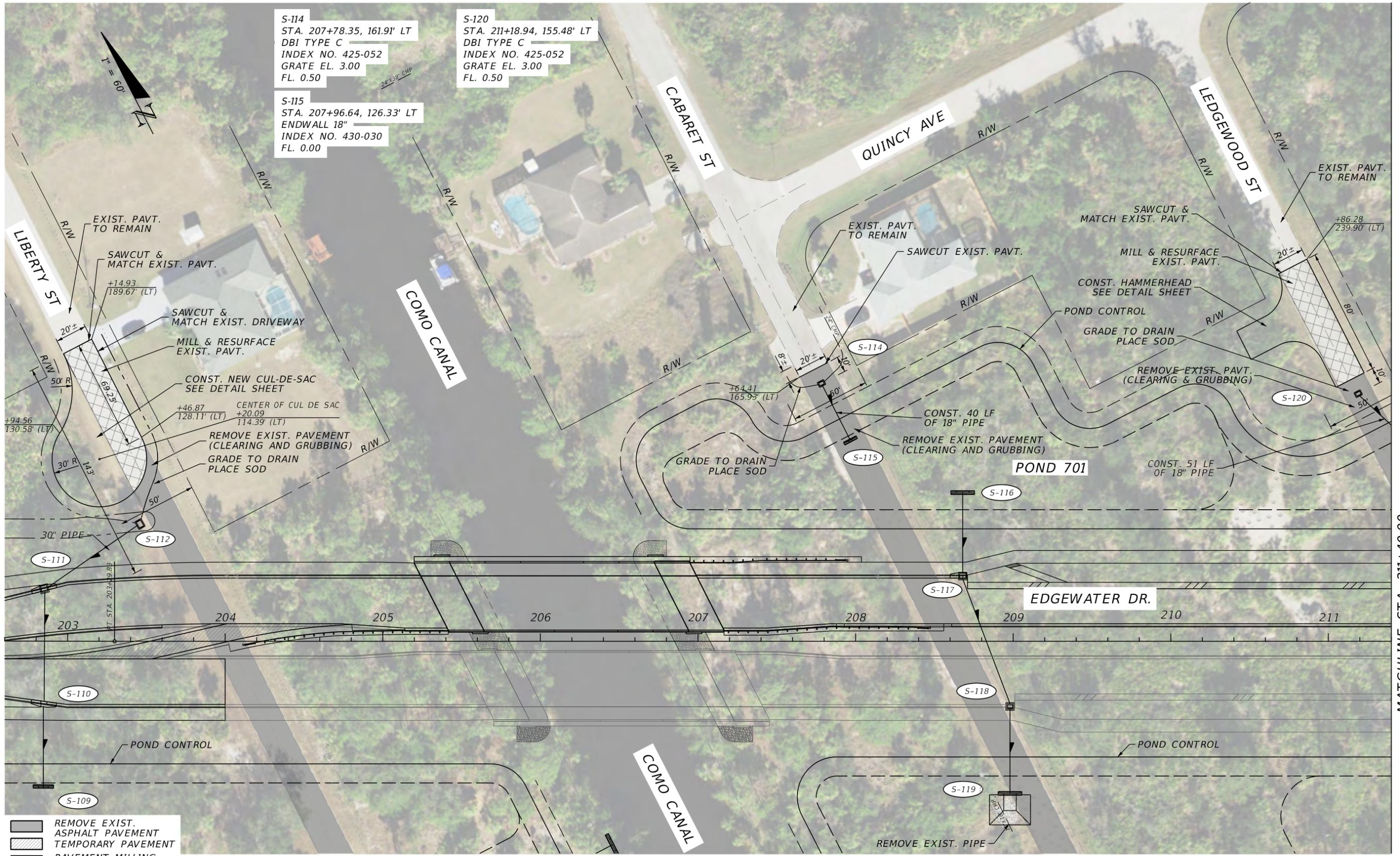
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.
48

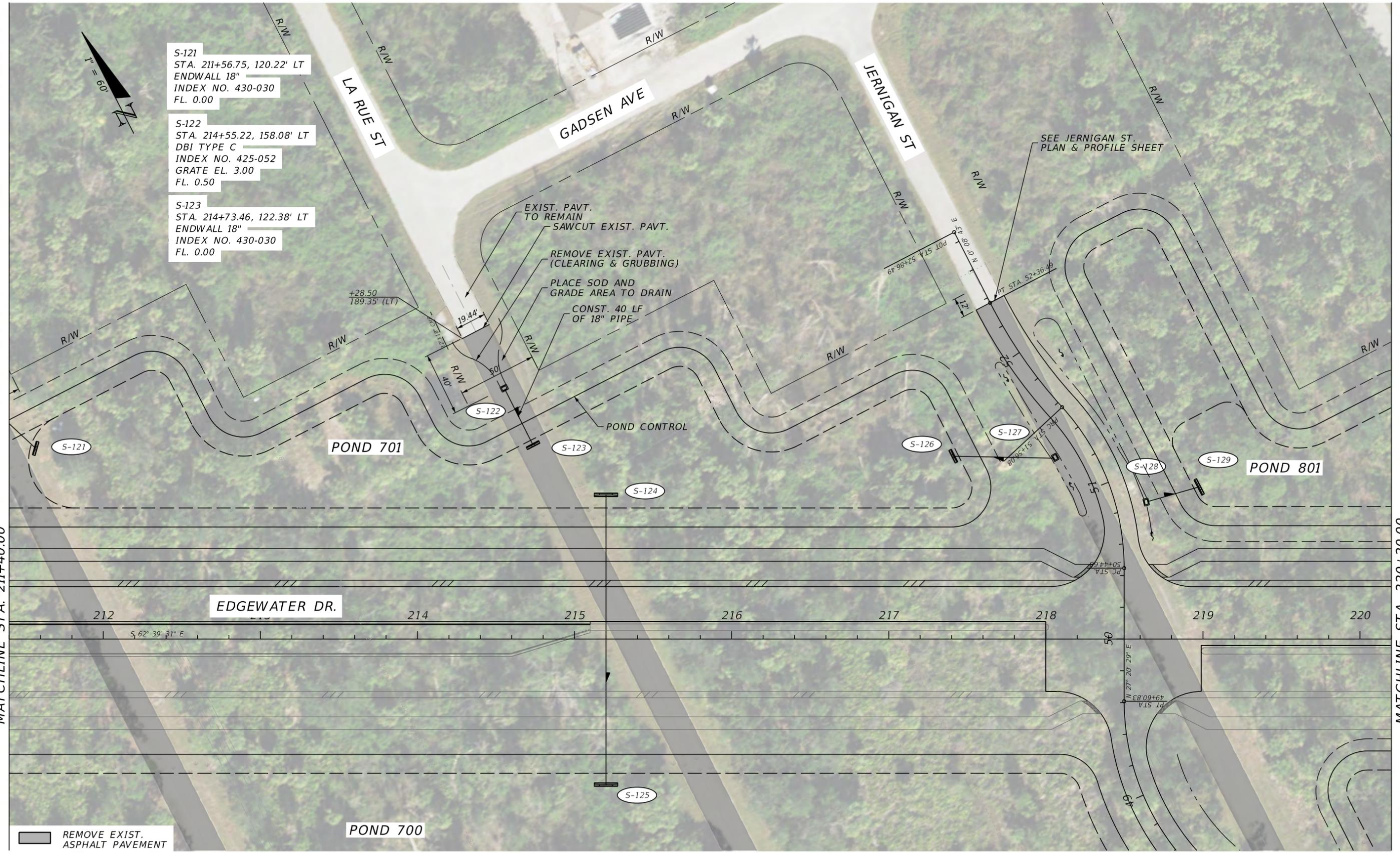
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 211+40.00

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

REVISIONS				<b>JOHNSON ENGINEERING</b> 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		<b>PLAN</b> <b>OFFSITE CONSTRUCTION</b>	SHEET NO. <b>49</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
					CHARLOTTE	20225022-00R		



MATCHLINE STA. 211+40.00

MATCHLINE STA. 220+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

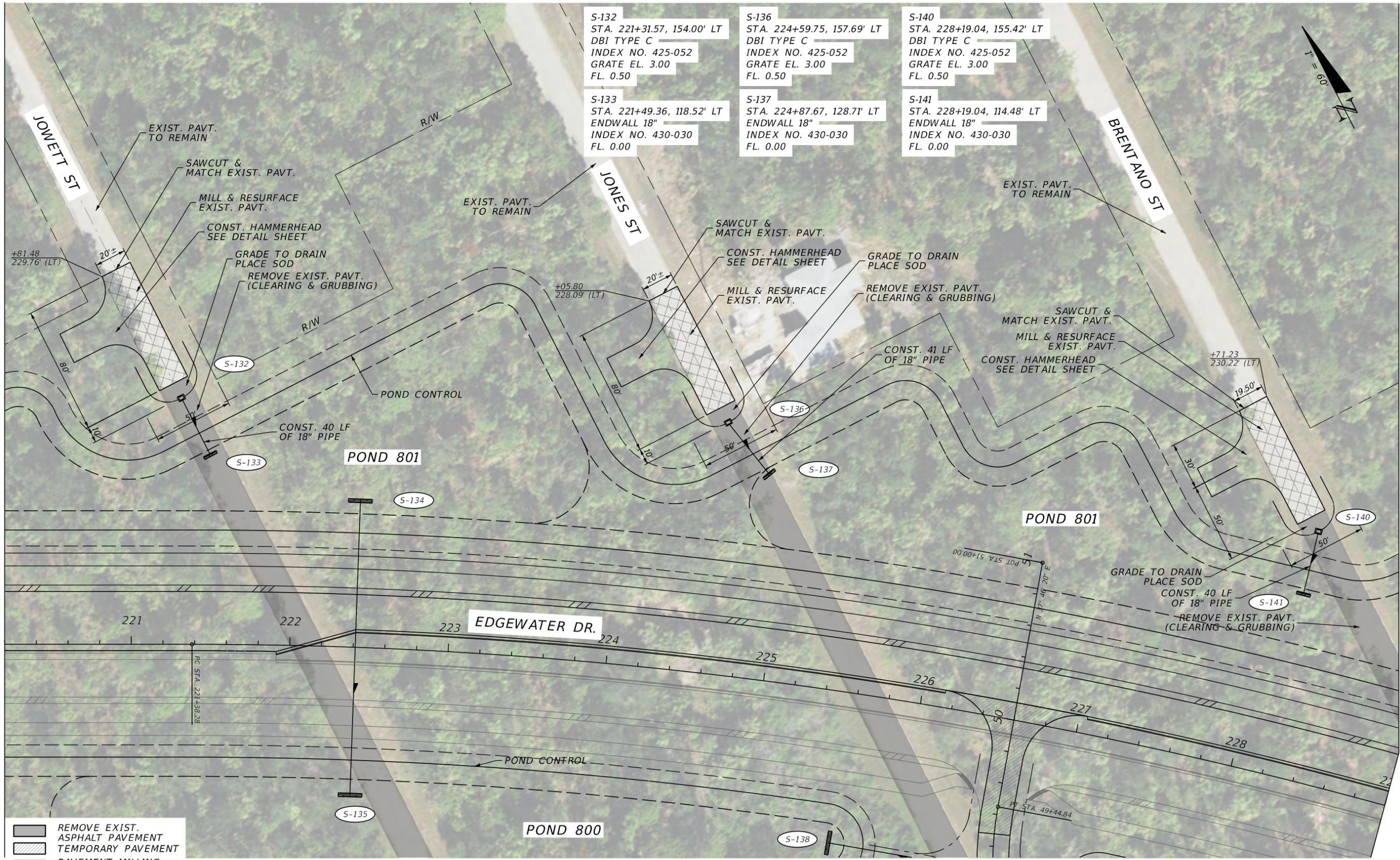
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.  
**50**

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



S-132  
 STA. 221+31.57, 154.00' LT  
 DBI TYPE C  
 INDEX NO. 425-052  
 GRATE EL. 3.00  
 FL. 0.50

S-136  
 STA. 224+59.75, 157.69' LT  
 DBI TYPE C  
 INDEX NO. 425-052  
 GRATE EL. 3.00  
 FL. 0.50

S-140  
 STA. 228+19.04, 155.42' LT  
 DBI TYPE C  
 INDEX NO. 425-052  
 GRATE EL. 3.00  
 FL. 0.50

S-133  
 STA. 221+49.36, 118.52' LT  
 ENDWALL 18"  
 INDEX NO. 430-030  
 FL. 0.00

S-137  
 STA. 224+87.67, 128.71' LT  
 ENDWALL 18"  
 INDEX NO. 430-030  
 FL. 0.00

S-141  
 STA. 228+19.04, 114.48' LT  
 ENDWALL 18"  
 INDEX NO. 430-030  
 FL. 0.00



MATCHLINE STA. 220+20.00

MATCHLINE STA. 229+00.00

- REMOVE EXIST. ASPHALT PAVEMENT
- TEMPORARY PAVEMENT
- PAVEMENT MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
OFFSITE CONSTRUCTION

SHEET NO.	51
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

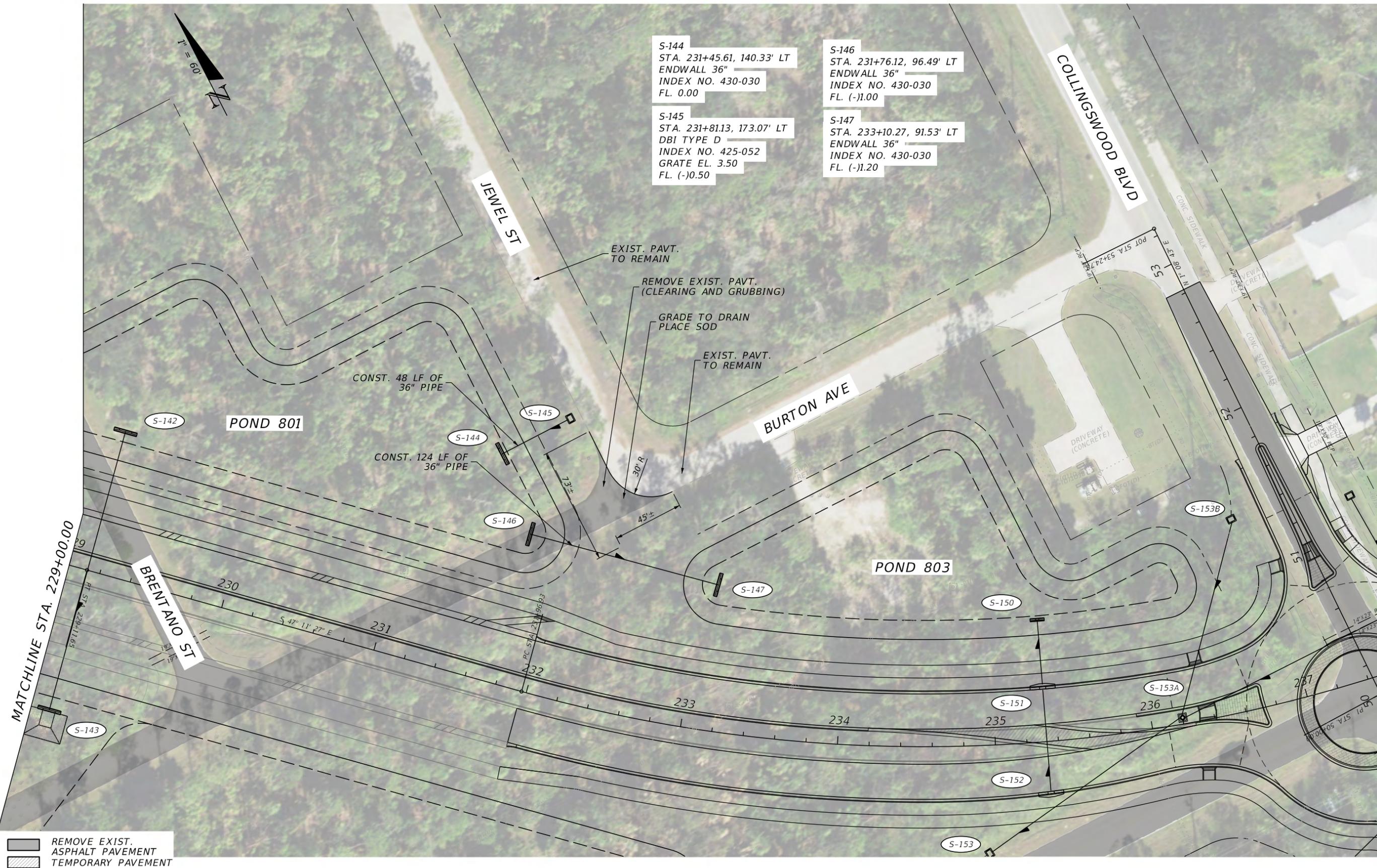


S-144  
STA. 231+45.61, 140.33' LT  
ENDWALL 36"  
INDEX NO. 430-030  
FL. 0.00

S-145  
STA. 231+81.13, 173.07' LT  
DBI TYPE D  
INDEX NO. 425-052  
GRATE EL. 3.50  
FL. (-)0.50

S-146  
STA. 231+76.12, 96.49' LT  
ENDWALL 36"  
INDEX NO. 430-030  
FL. (-)1.00

S-147  
STA. 233+10.27, 91.53' LT  
ENDWALL 36"  
INDEX NO. 430-030  
FL. (-)1.20



REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

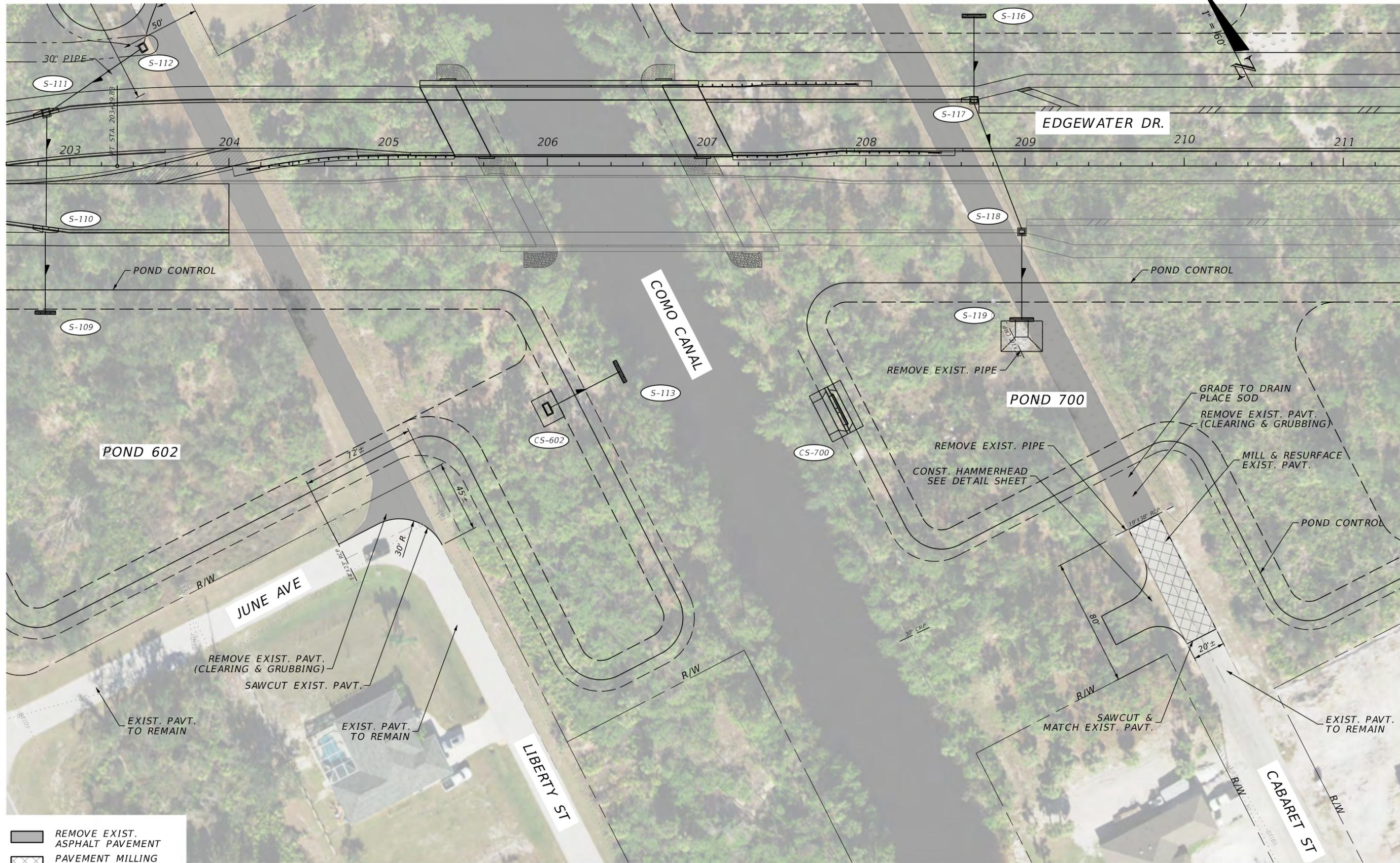
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.  
**52**

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



MATCHLINE STA. 211+40.00

- REMOVE EXIST. ASPHALT PAVEMENT
- PAVEMENT MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

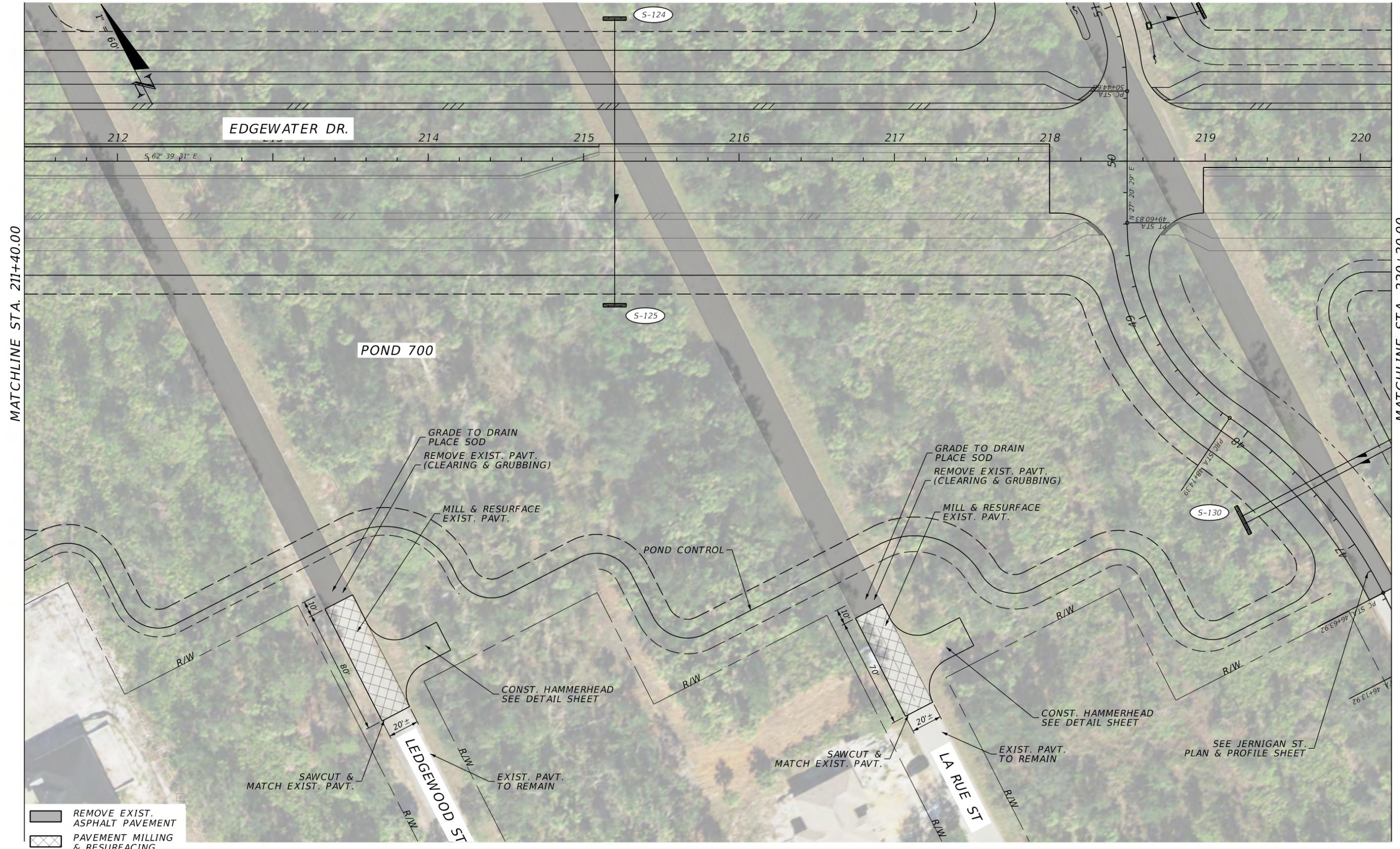
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.  
**53**

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



MATCHLINE STA. 211+40.00

MATCHLINE STA. 220+20.00

- REMOVE EXIST. ASPHALT PAVEMENT
- PAVEMENT MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

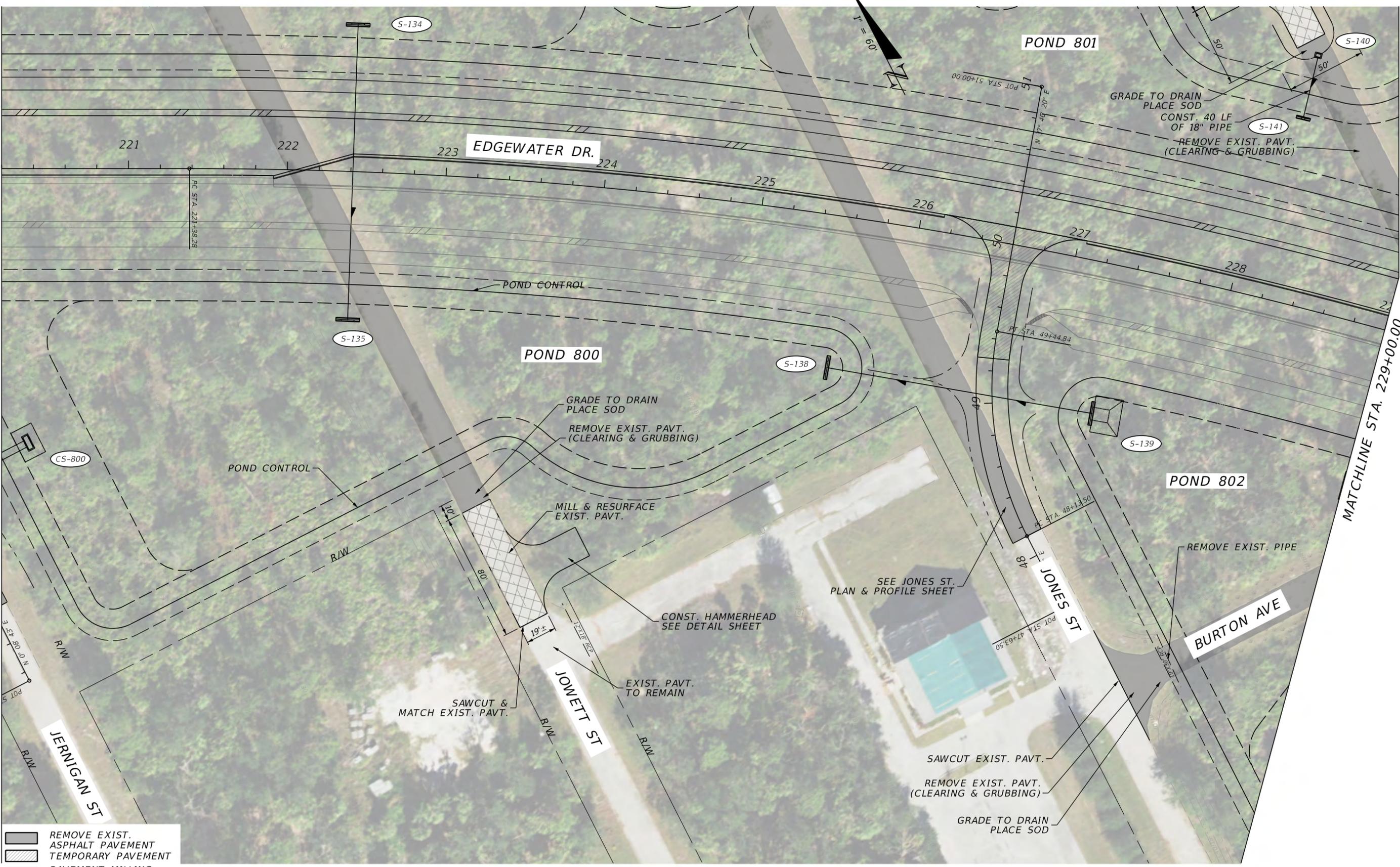
**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.  
**54**

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

MATCHLINE STA. 220+20.00

MATCHLINE STA. 229+00.00



- REMOVE EXIST. ASPHALT PAVEMENT
- TEMPORARY PAVEMENT
- PAVEMENT MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

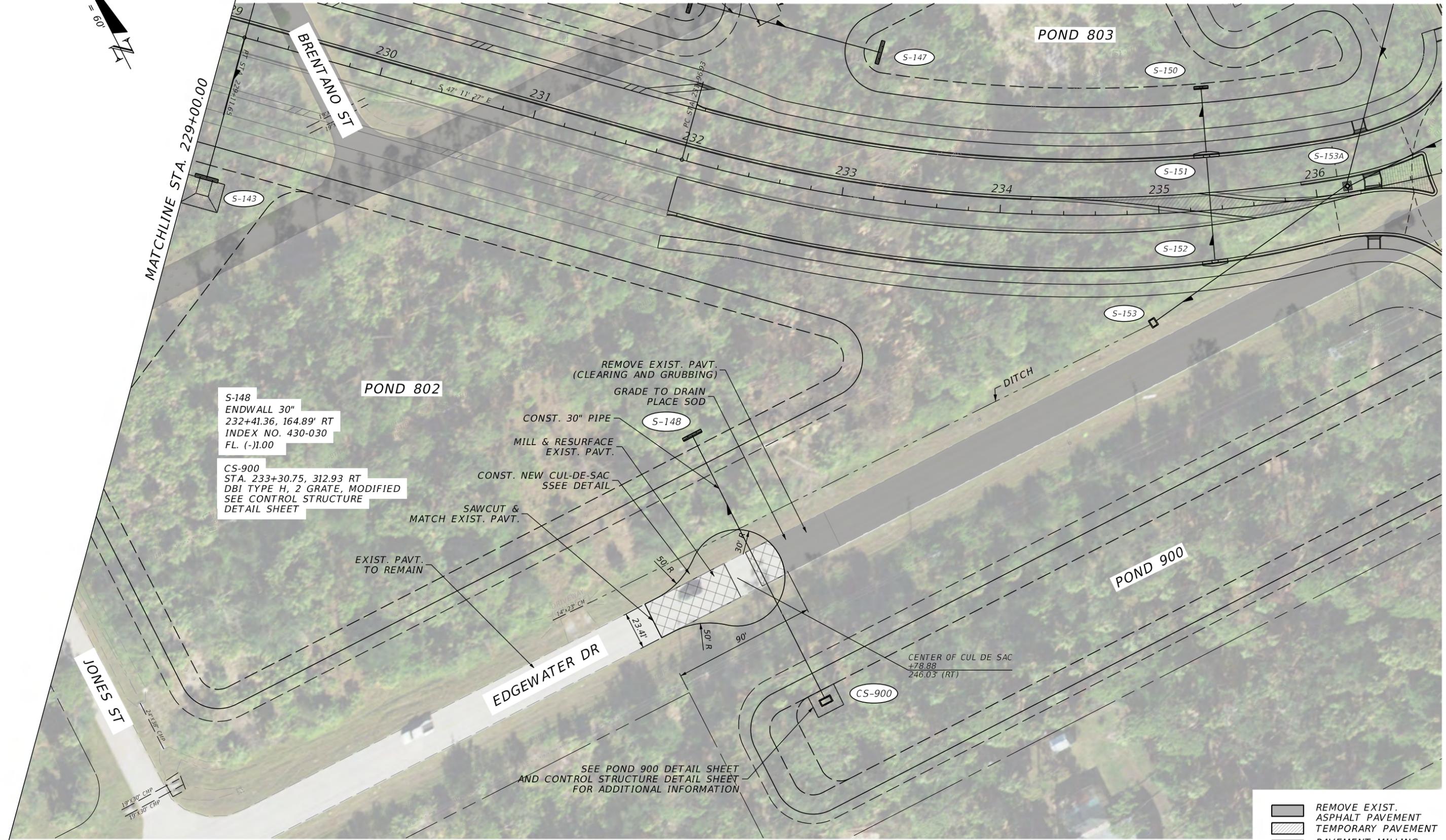
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.
55

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S-148  
ENDWALL 30"  
232+41.36, 164.89' RT  
INDEX NO. 430-030  
FL. (-)1.00

CS-900  
STA. 233+30.75, 312.93 RT  
DBI TYPE H, 2 GRATE, MODIFIED  
SEE CONTROL STRUCTURE  
DETAIL SHEET

REMOVE EXIST. PAVT.  
(CLEARING AND GRUBBING)  
GRADE TO DRAIN  
PLACE SOD  
CONST. 30" PIPE  
MILL & RESURFACE  
EXIST. PAVT.  
CONST. NEW CUL-DE-SAC  
SSEE DETAIL  
SAWCUT &  
MATCH EXIST. PAVT.

EXIST. PAVT.  
TO REMAIN

EDGEWATER DR

CENTER OF CUL DE SAC  
+78.88  
246.03' (RT)

SEE POND 900 DETAIL SHEET  
AND CONTROL STRUCTURE DETAIL SHEET  
FOR ADDITIONAL INFORMATION

- REMOVE EXIST. ASPHALT PAVEMENT
- TEMPORARY PAVEMENT
- PAVEMENT MILLING & RESURFACING

REVISIONS	
DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

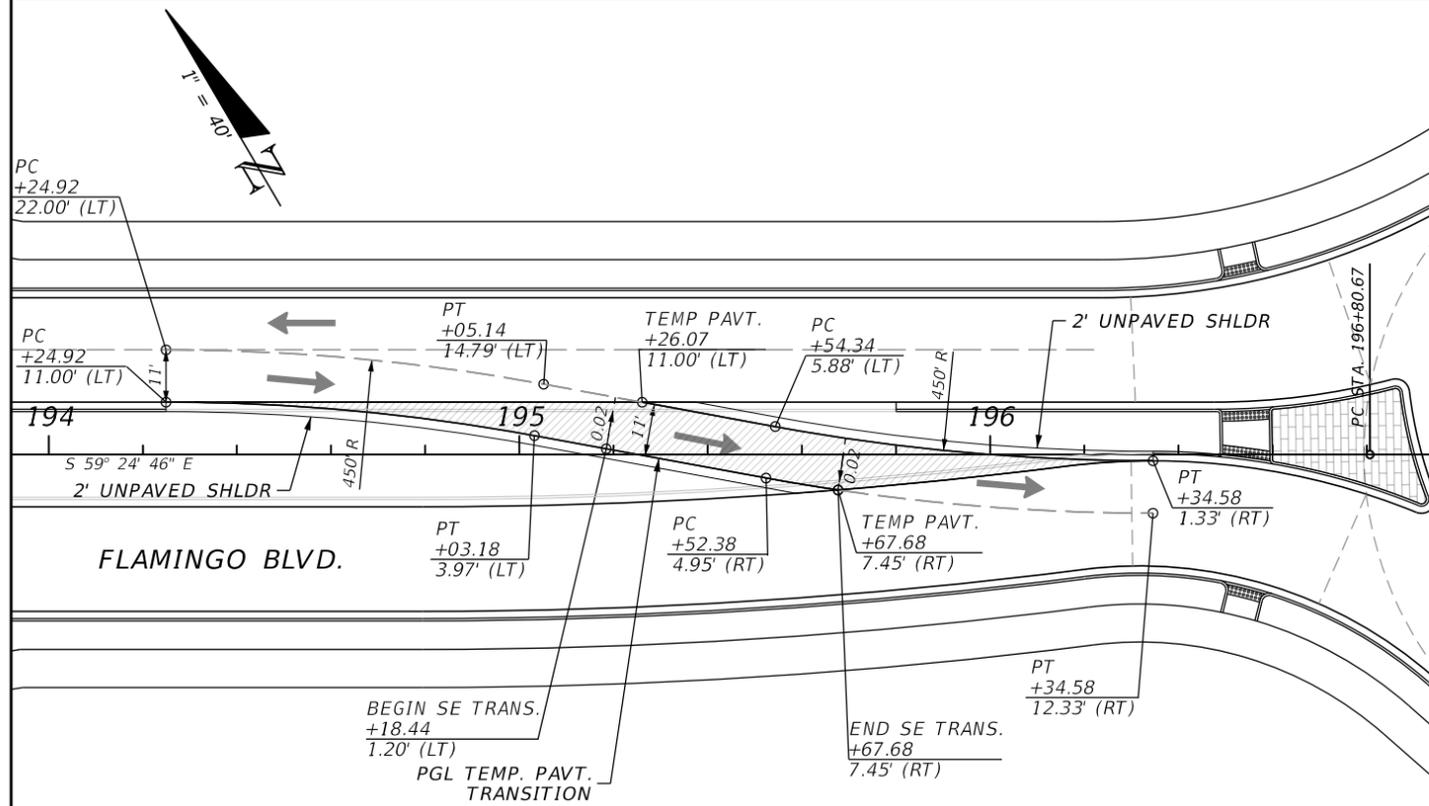
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN**  
**OFFSITE CONSTRUCTION**

SHEET NO.  
**56**

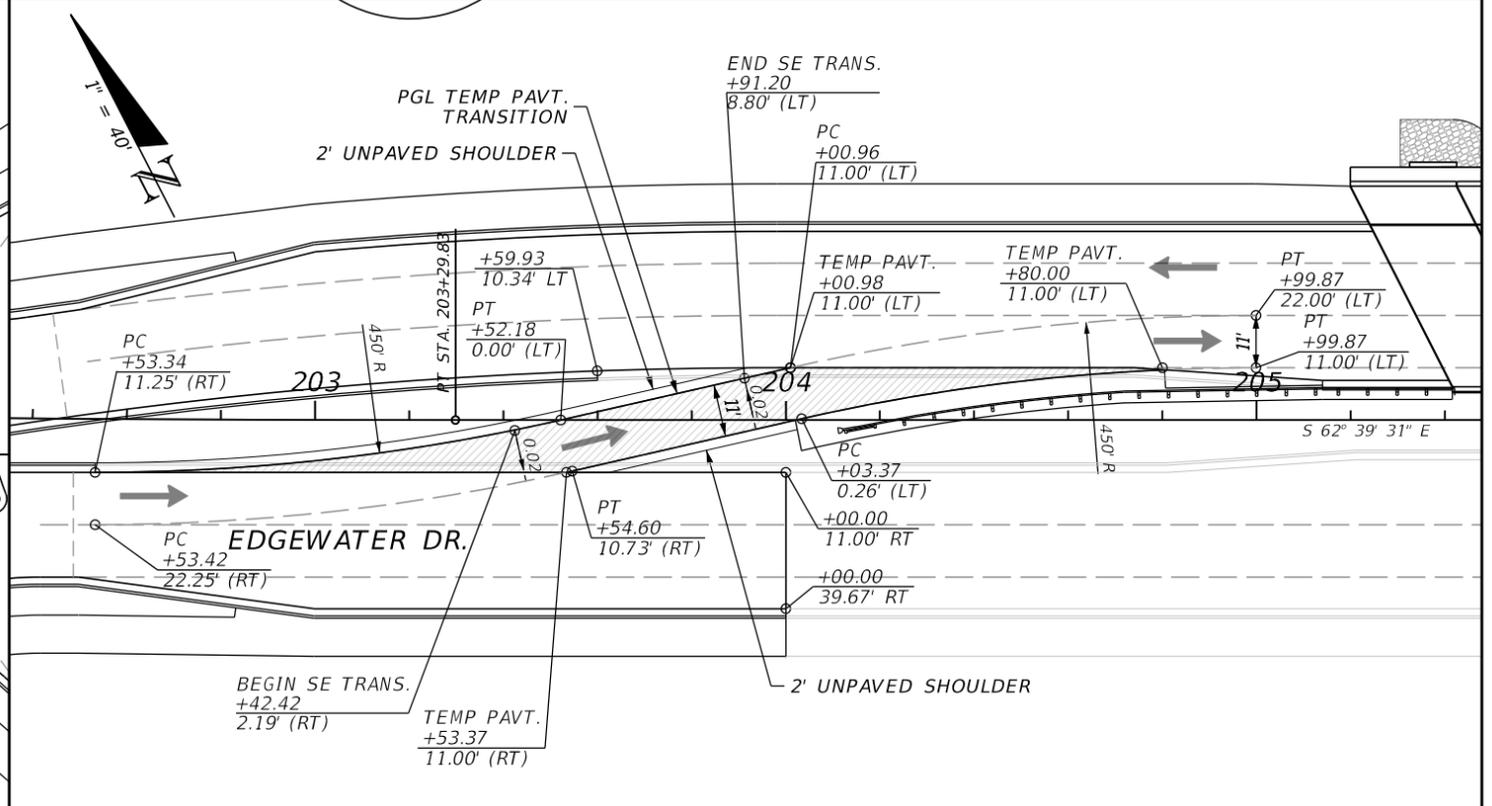
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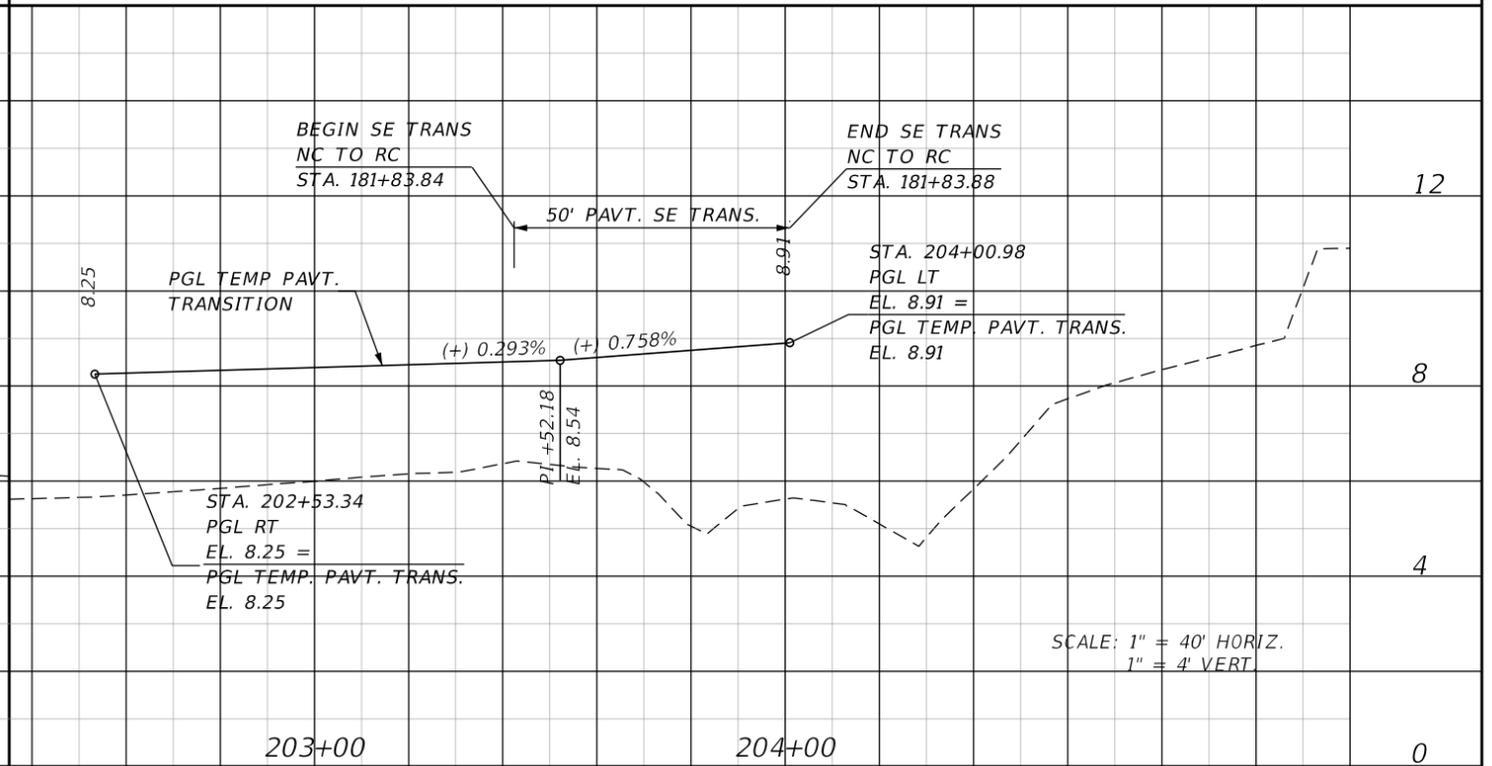
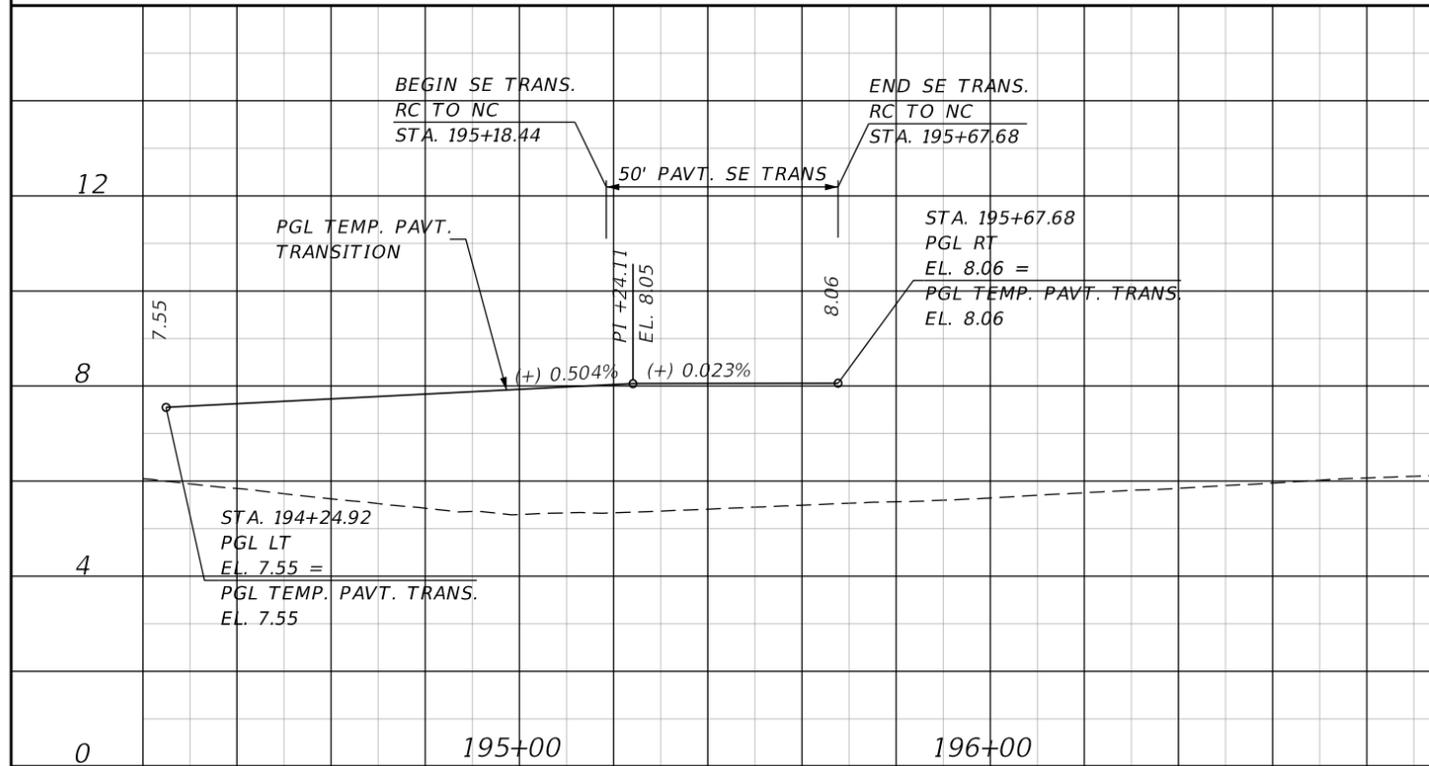
TEMPORARY PAVEMENT TRANSITION  
EASTBOUND APPROACH ROUNDABOUT  
AT COMO ST.

TEMPORARY PAVEMENT



TEMPORARY PAVEMENT TRANSITION  
EASTBOUND DEPARTURE FROM ROUNDABOUT  
AT FLAMINGO BLVD

TEMPORARY PAVEMENT



SCALE: 1" = 40' HORIZ.  
1" = 4' VERT.

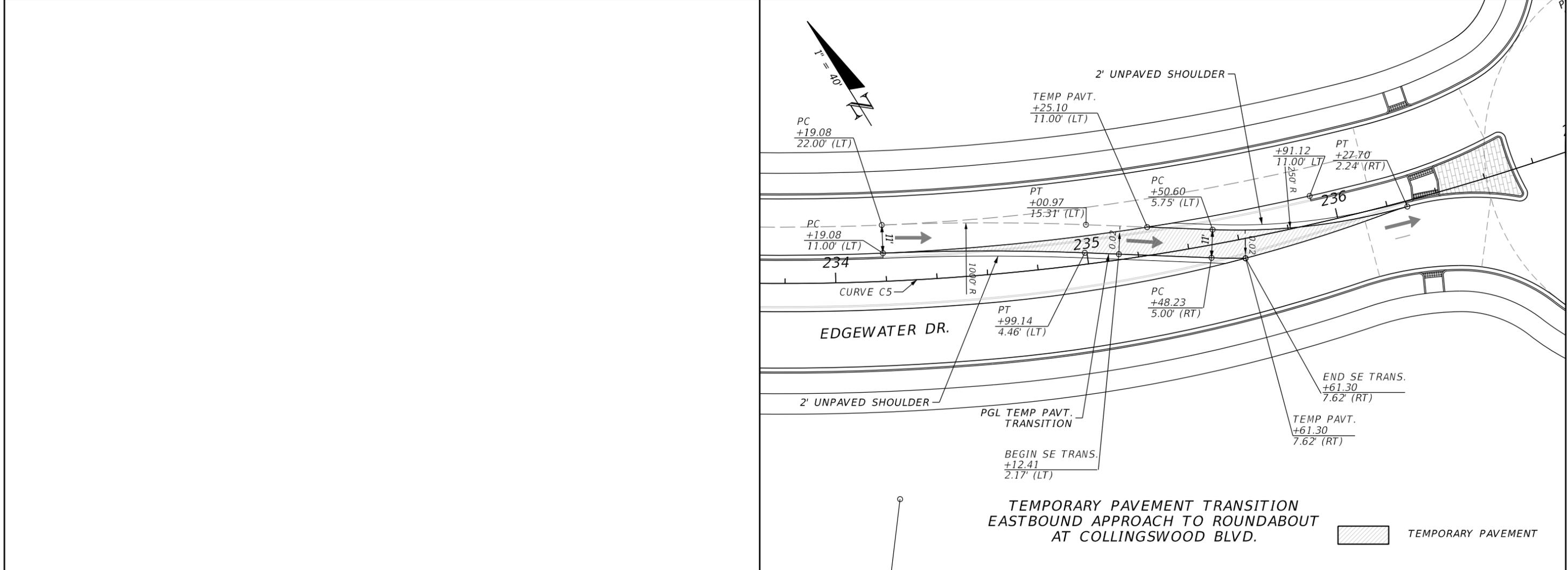
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

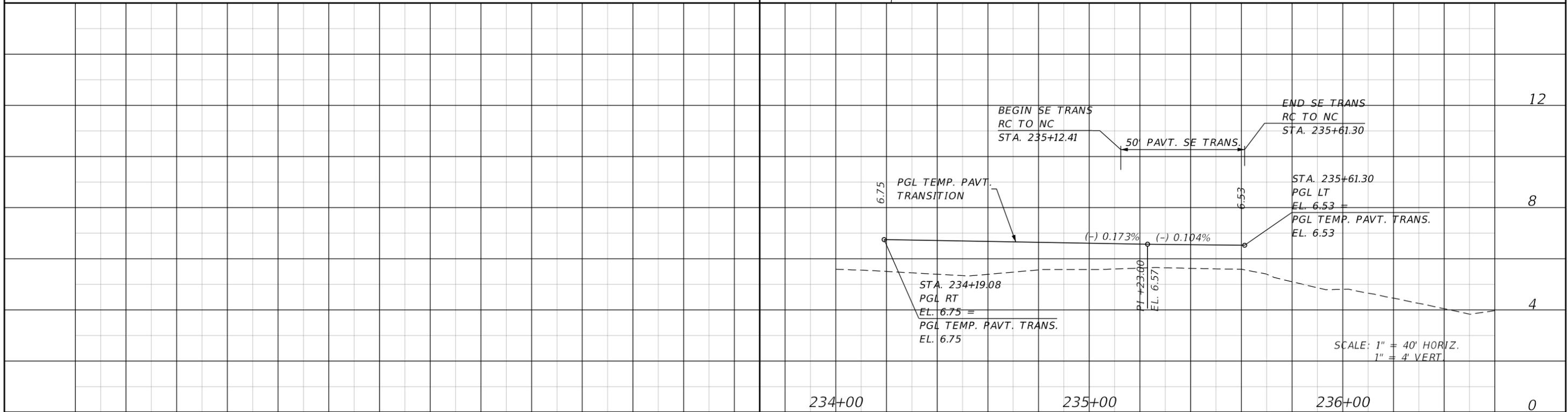
**PLAN & PROFILE  
PAVEMENT TRANSITIONS**

SHEET NO.
58



TEMPORARY PAVEMENT TRANSITION  
EASTBOUND APPROACH TO ROUNDABOUT  
AT COLLINGSWOOD BLVD.

TEMPORARY PAVEMENT



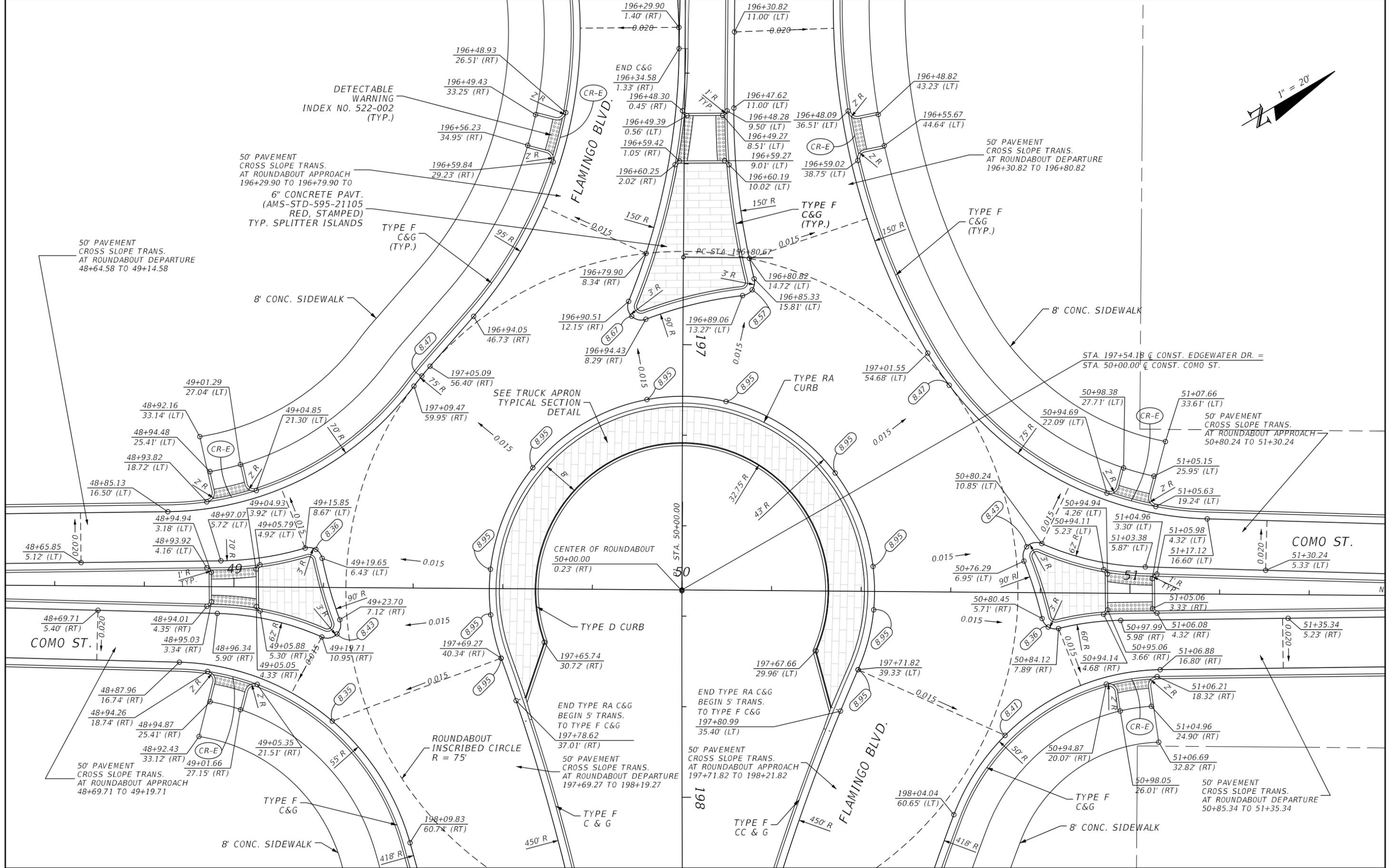
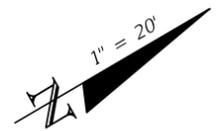
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**PLAN & PROFILE  
PAVEMENT TRANSITIONS**

SHEET NO.
59



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

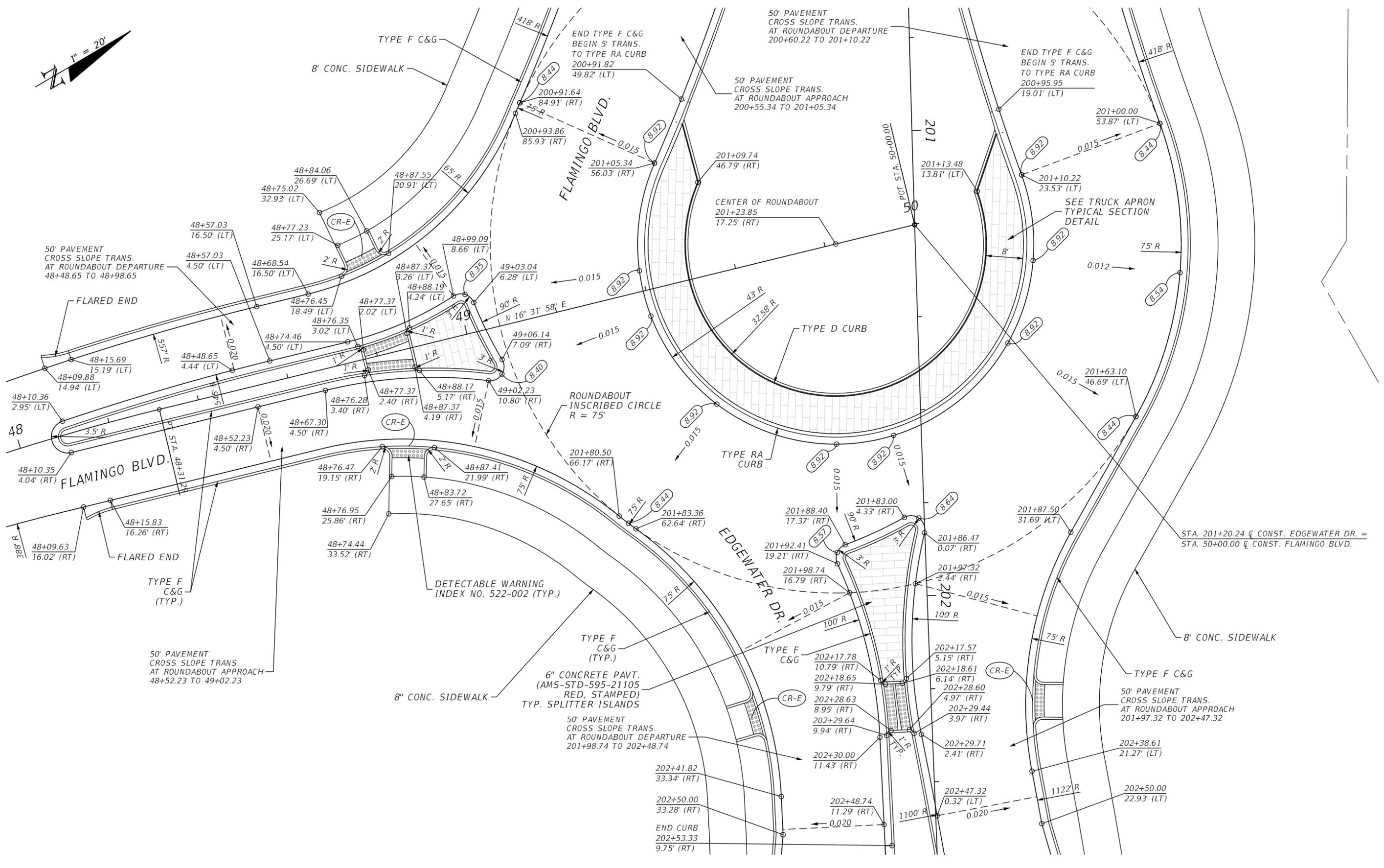
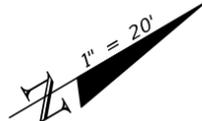
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
29.96	CHARLOTTE	20225022-00R

**ROUNDABOUT DETAIL**  
**COMO ST.**

SHEET NO.
60

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

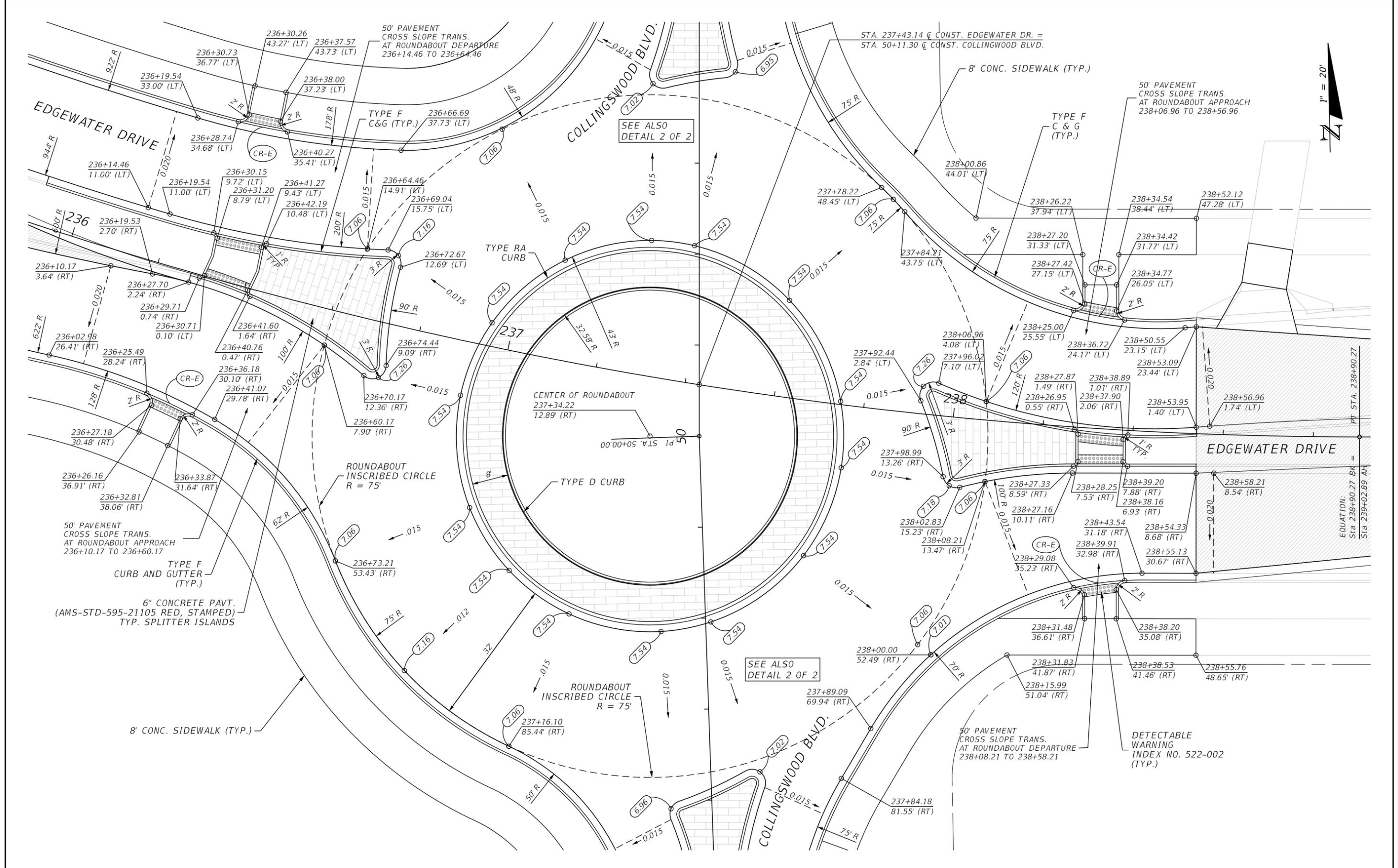
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**ROUNDABOUT DETAIL**  
**FLAMINGO BLVD**

SHEET NO.
61

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

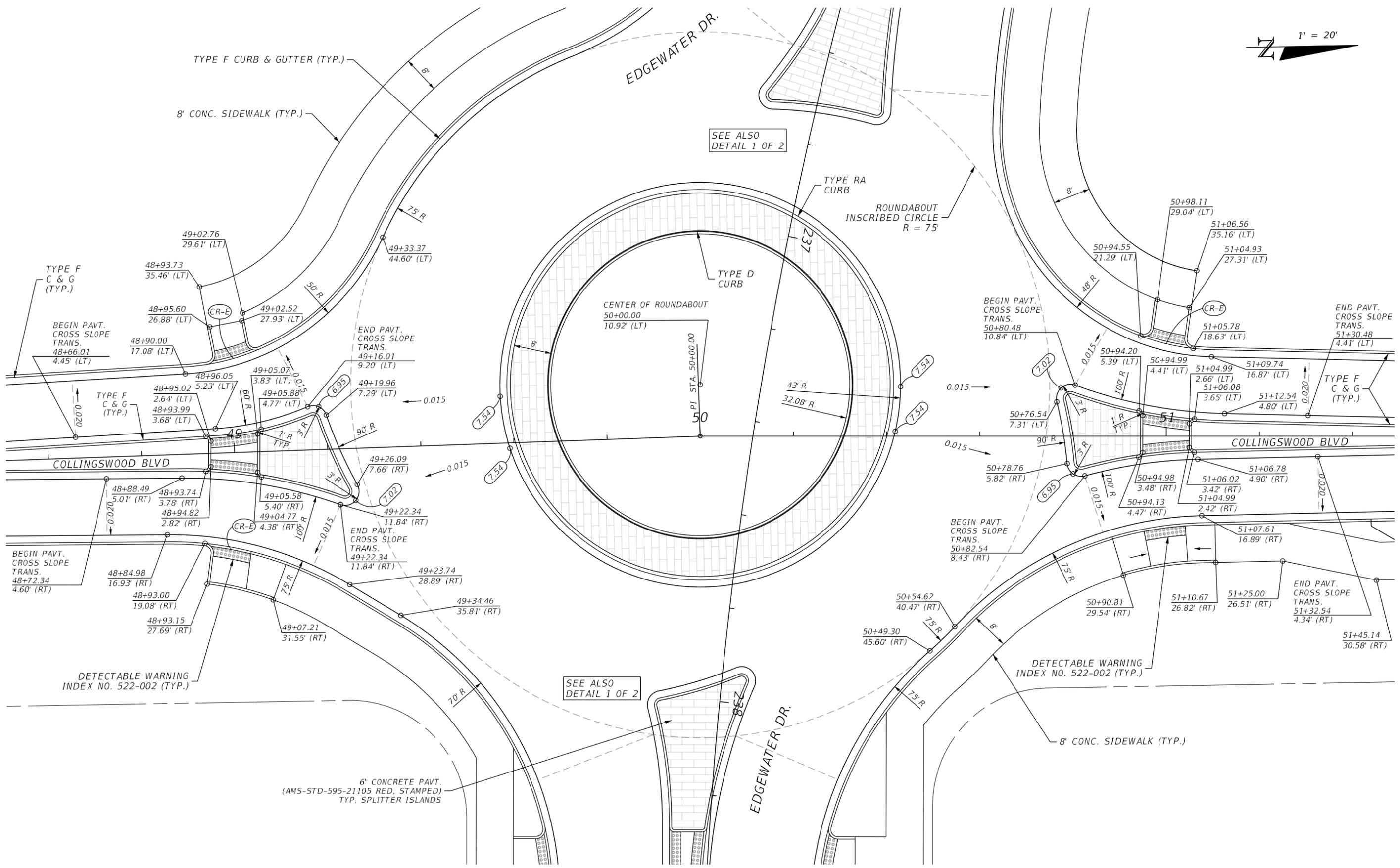
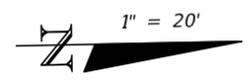
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**ROUNDABOUT DETAIL**  
**COLLINGSWOOD BLVD (1 OF 2)**

SHEET NO.  
**62**

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SEE ALSO  
DETAIL 1 OF 2

SEE ALSO  
DETAIL 1 OF 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

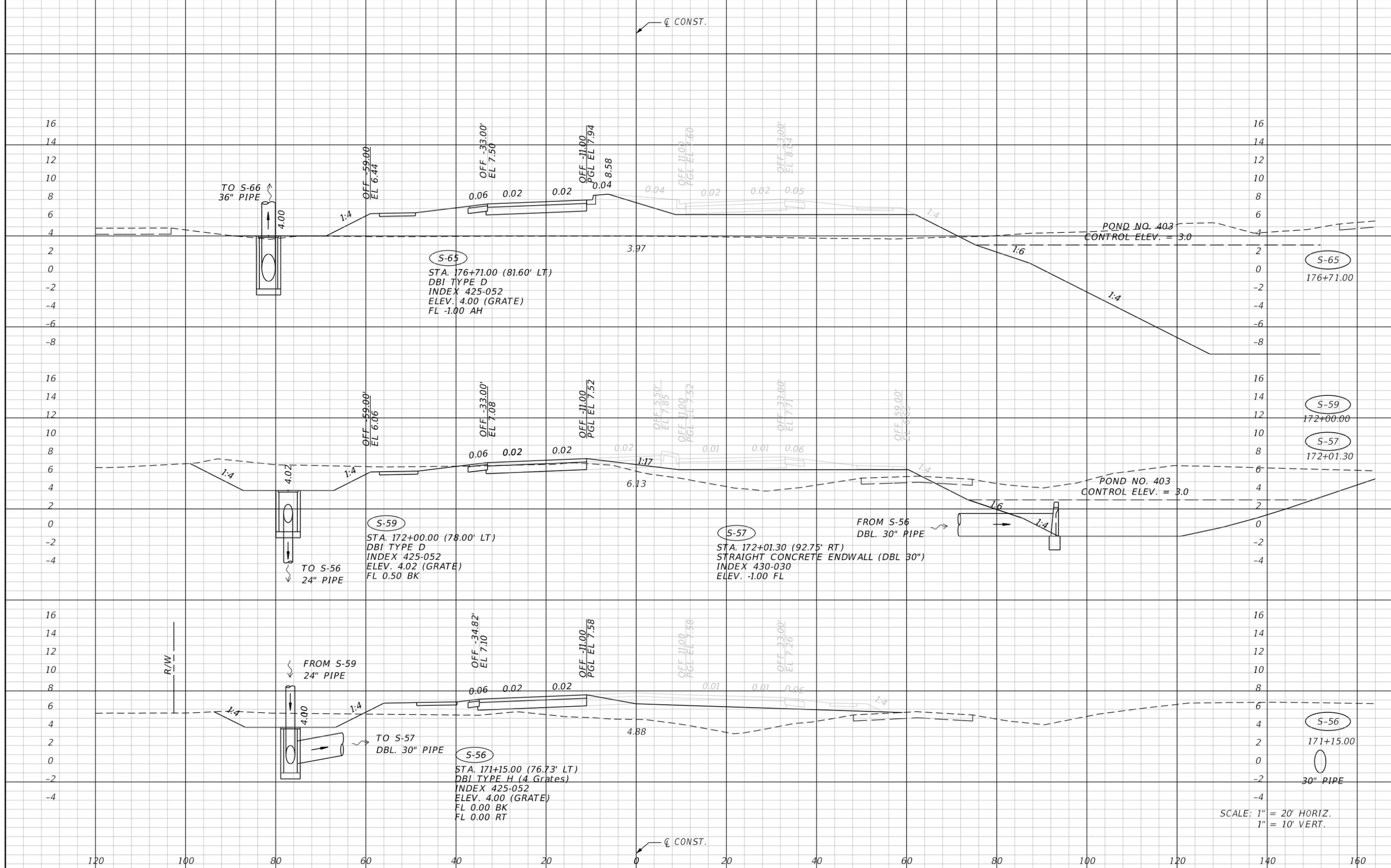
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**ROUNDAABOUT DETAIL**  
**COLLINGSWOOD BLVD (2 OF 2)**

SHEET NO.  
**63**

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



SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

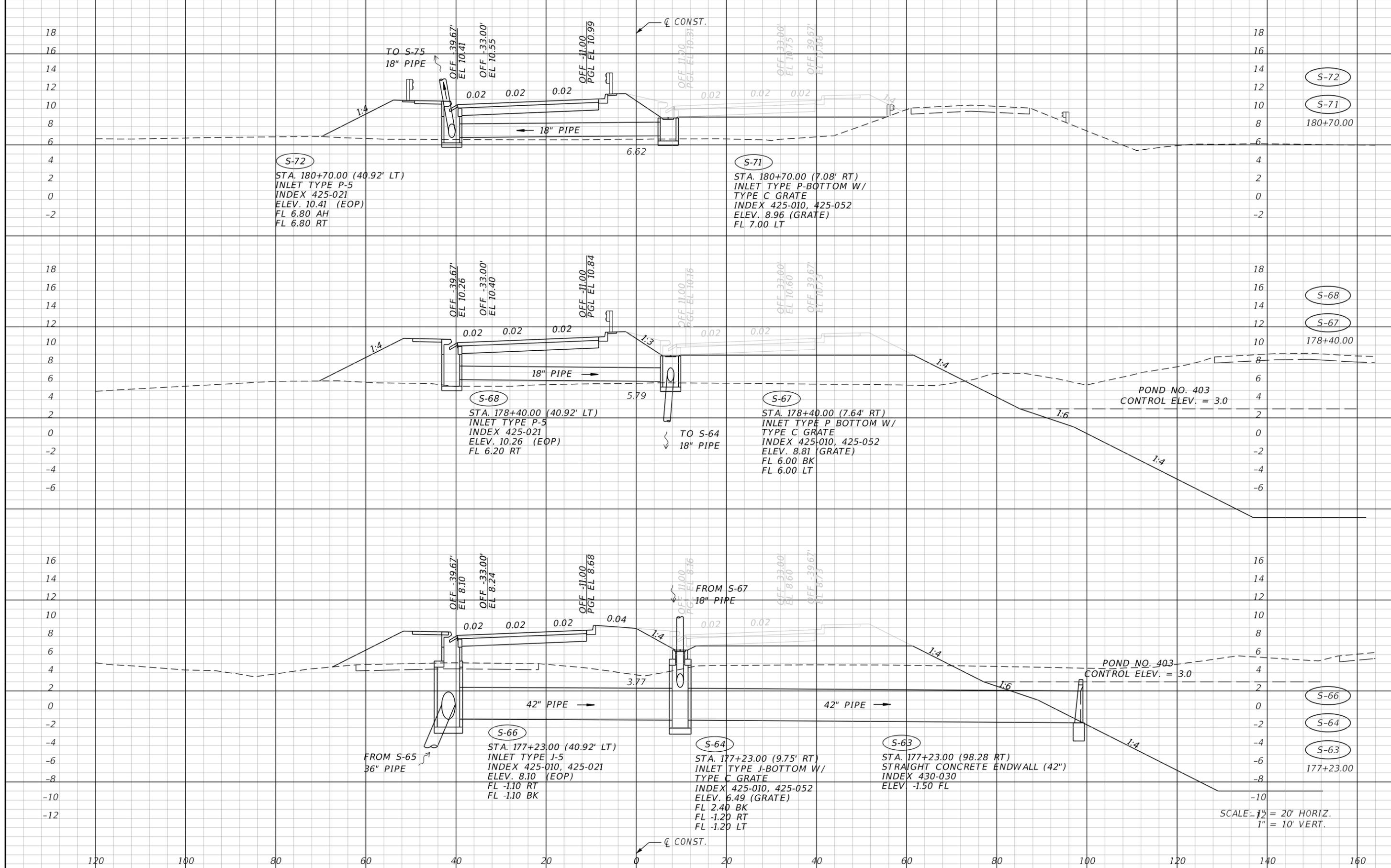
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.
64

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



S-72  
 STA. 180+70.00 (40.92' LT)  
 INLET TYPE P-5  
 INDEX 425-021  
 ELEV. 10.41 (EOP)  
 FL 6.80 AH  
 FL 6.80 RT

S-71  
 STA. 180+70.00 (7.08' RT)  
 INLET TYPE P-BOTTOM W/  
 TYPE C GRATE  
 INDEX 425-010, 425-052  
 ELEV. 8.96 (GRATE)  
 FL 7.00 LT

S-68  
 STA. 178+40.00 (40.92' LT)  
 INLET TYPE P-5  
 INDEX 425-021  
 ELEV. 10.26 (EOP)  
 FL 6.20 RT

S-67  
 STA. 178+40.00 (7.64' RT)  
 INLET TYPE P BOTTOM W/  
 TYPE C GRATE  
 INDEX 425-010, 425-052  
 ELEV. 8.81 (GRATE)  
 FL 6.00 BK  
 FL 6.00 LT

S-66  
 STA. 177+23.00 (40.92' LT)  
 INLET TYPE J-5  
 INDEX 425-010, 425-021  
 ELEV. 8.10 (EOP)  
 FL -1.10 RT  
 FL -1.10 BK

S-64  
 STA. 177+23.00 (9.75' RT)  
 INLET TYPE J-BOTTOM W/  
 TYPE C GRATE  
 INDEX 425-010, 425-052  
 ELEV. 6.49 (GRATE)  
 FL 2.40 BK  
 FL -1.20 RT  
 FL -1.20 LT

S-63  
 STA. 177+23.00 (98.28 RT)  
 STRAIGHT CONCRETE ENDWALL (42")  
 INDEX 430-030  
 ELEV. -1.50 FL

POND NO. 403  
 CONTROL ELEV. = 3.0

POND NO. 403  
 CONTROL ELEV. = 3.0

SCALE: 1/2" = 20' HORIZ.  
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

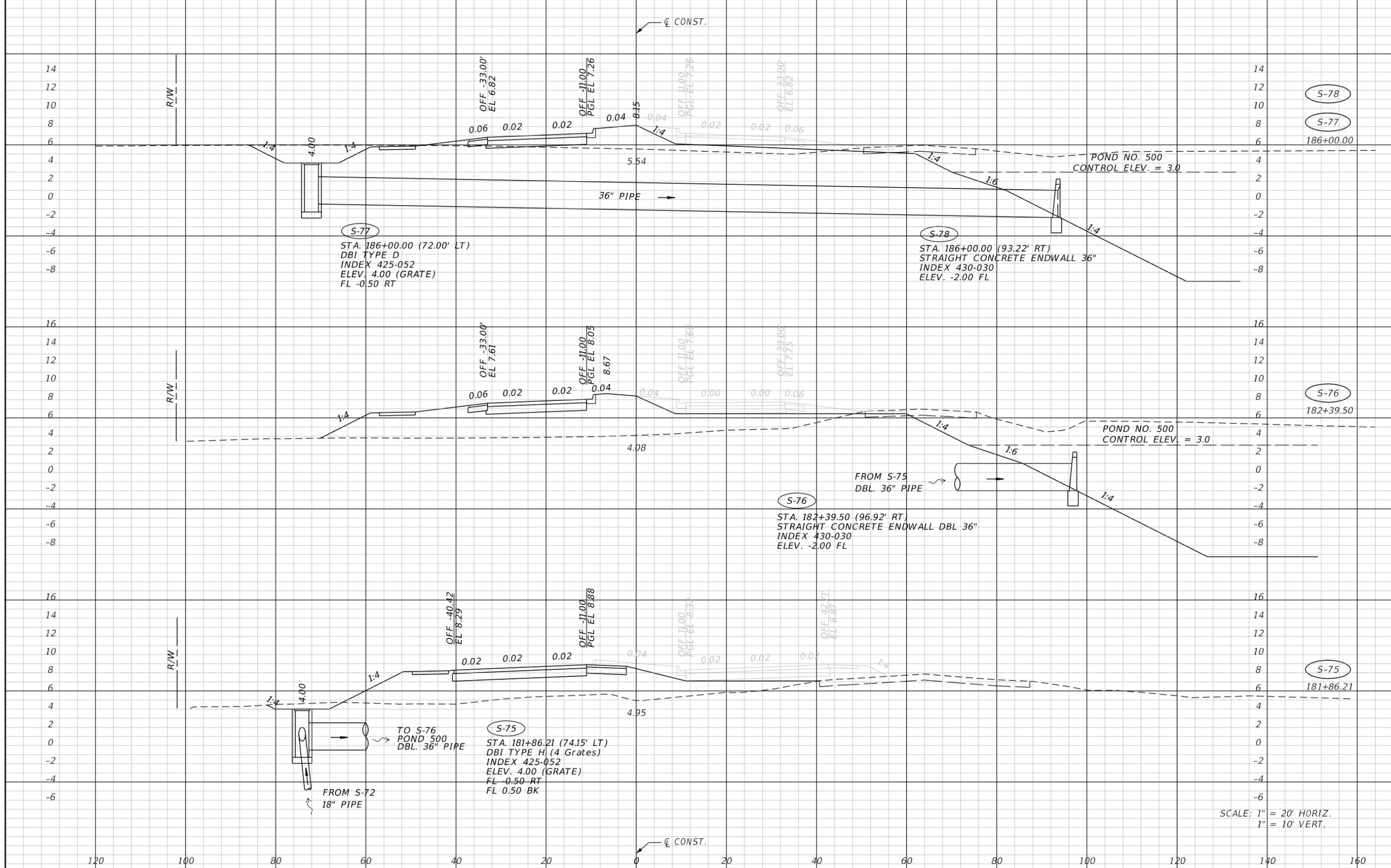
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**65**

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



S-77  
 STA. 186+00.00 (72.00' LT)  
 DBI TYPE D  
 INDEX 425-052  
 ELEV. 4.00 (GRATE)  
 FL -0.50 RT

S-78  
 STA. 186+00.00 (93.22' RT)  
 STRAIGHT CONCRETE ENDWALL 36"  
 INDEX 430-030  
 ELEV. -2.00 FL

S-76  
 STA. 182+39.50 (96.92' RT)  
 STRAIGHT CONCRETE ENDWALL DBL 36"  
 INDEX 430-030  
 ELEV. -2.00 FL

S-75  
 STA. 181+86.21 (74.15' LT)  
 DBI TYPE H (4 Grates)  
 INDEX 425-052  
 ELEV. 4.00 (GRATE)  
 FL -0.50 RT  
 FL 0.50 BK

SCALE: 1" = 20' HORIZ.  
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

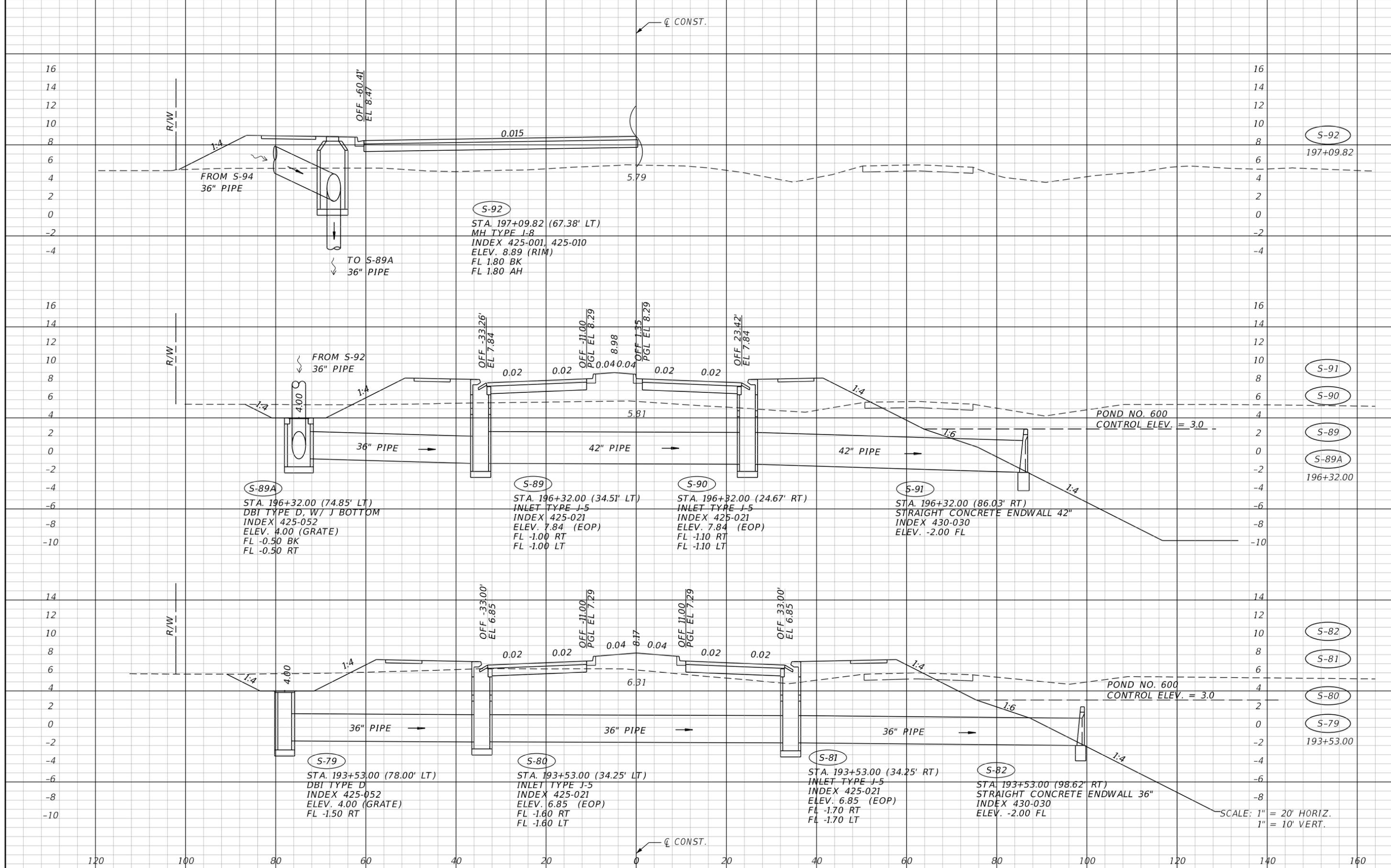
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**66**

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



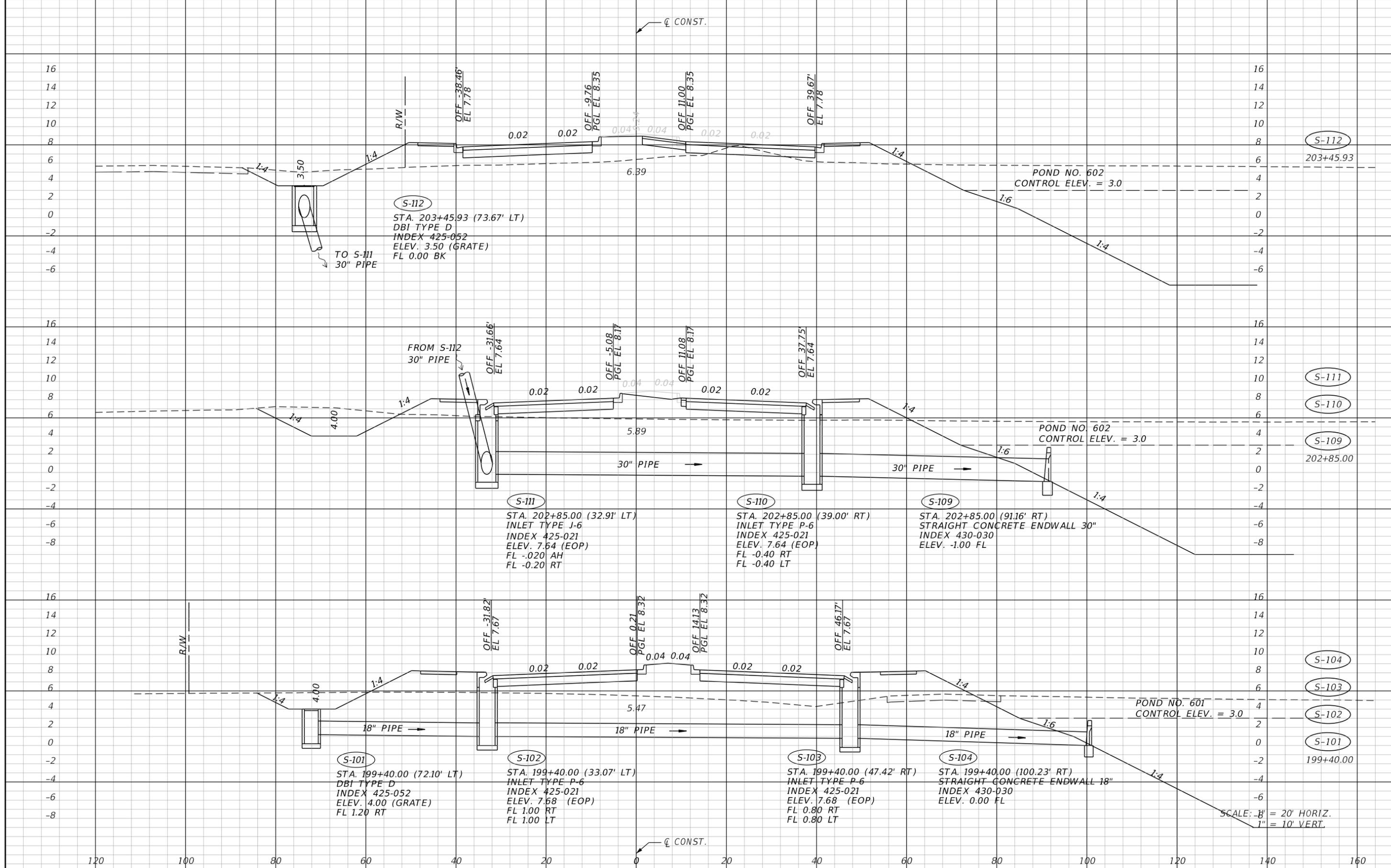
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**  
 SHEET NO. **67**

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



SCALE: 1" = 10' VERT.  
1" = 20' HORIZ.

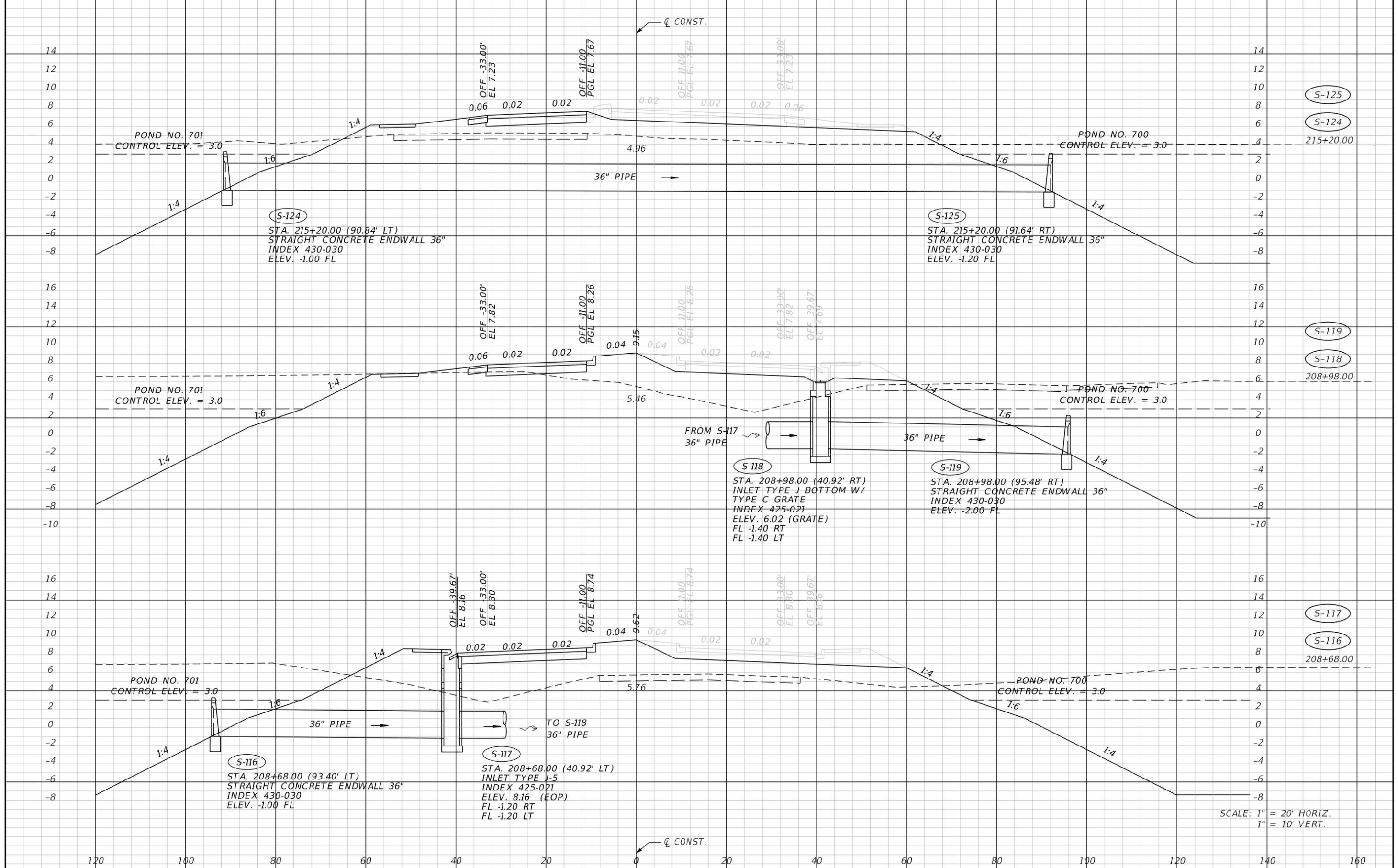
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**  
 SHEET NO. **68**

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

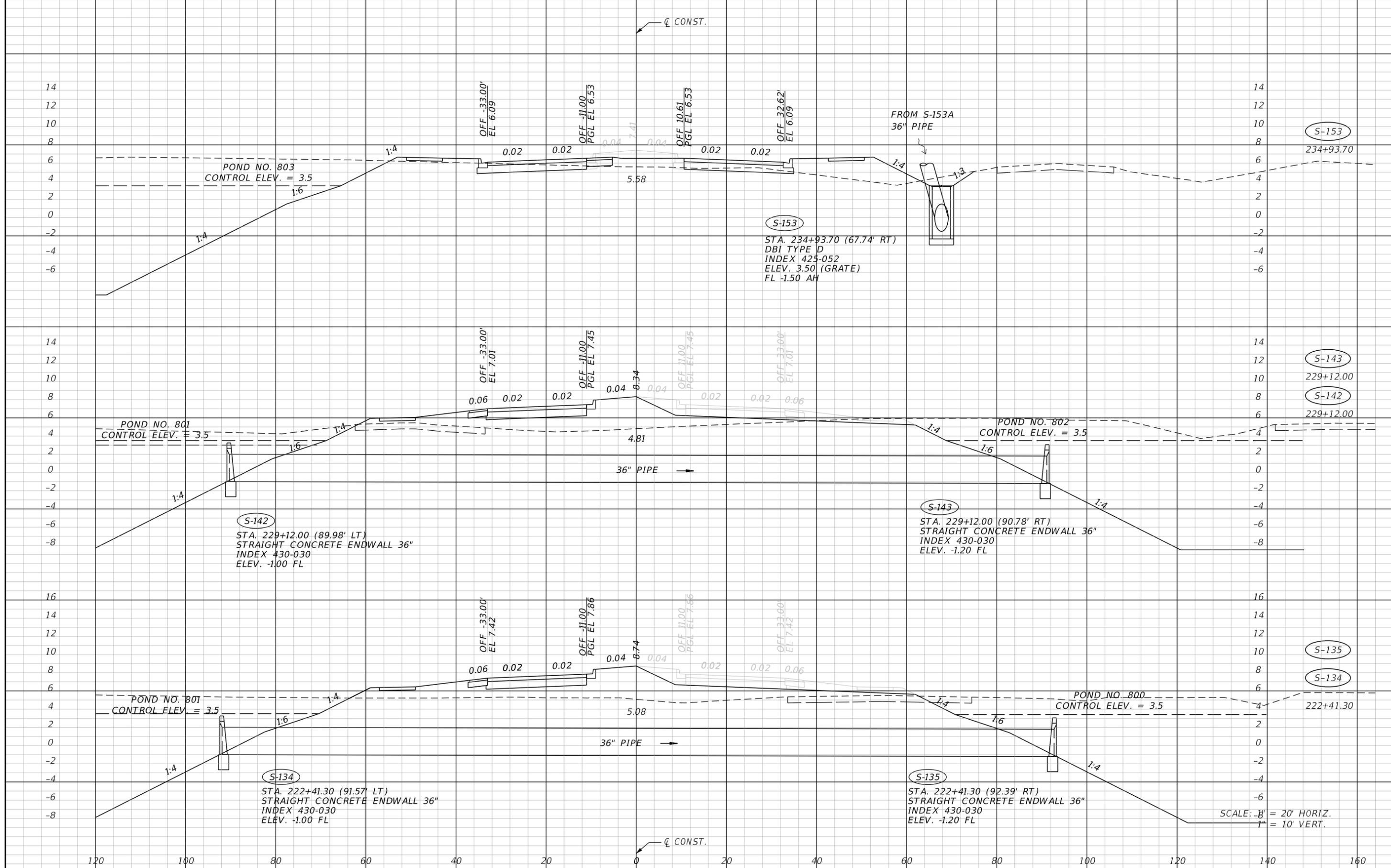
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**69**

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

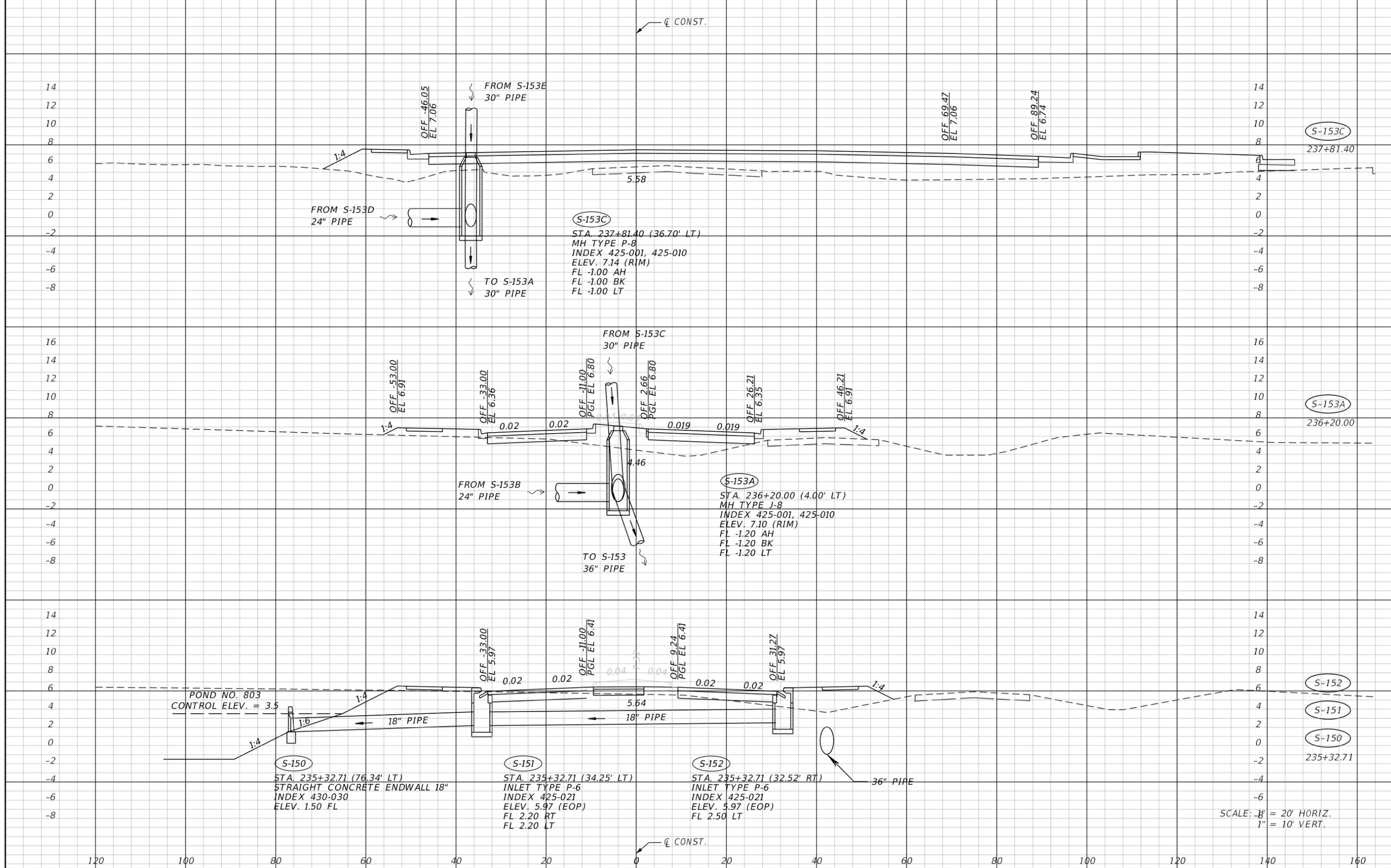
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**70**

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



SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

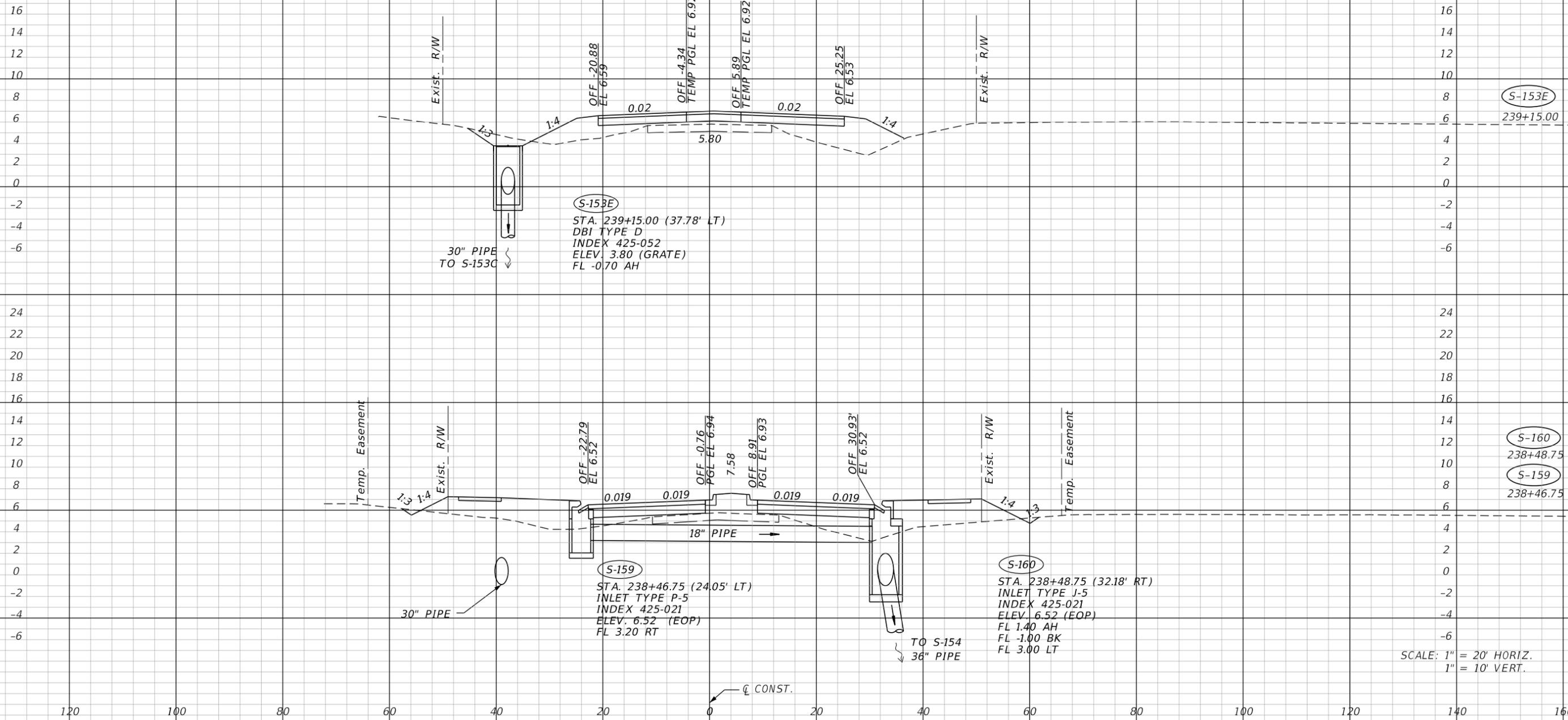
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**71**

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

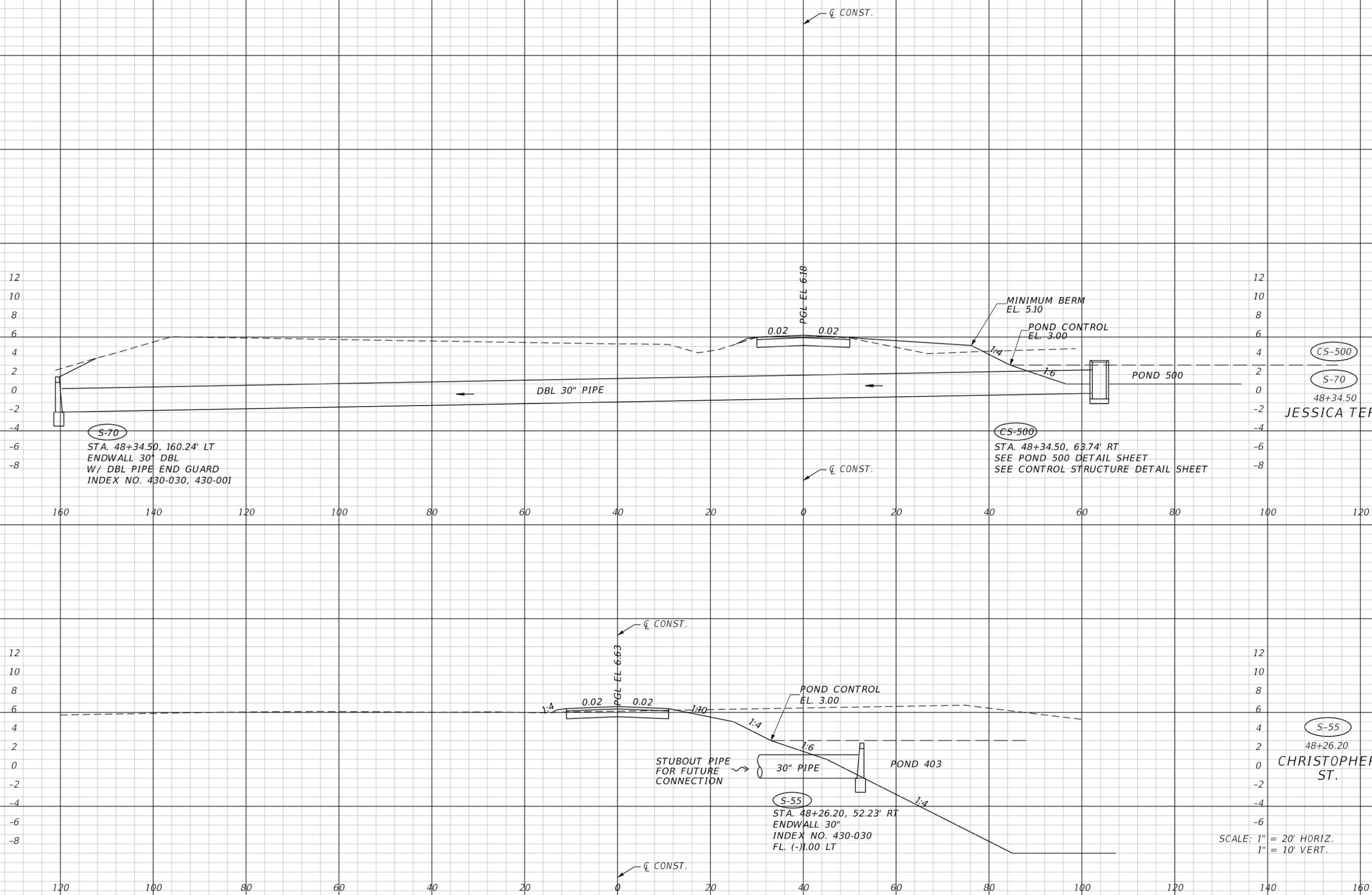
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.
72

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



SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

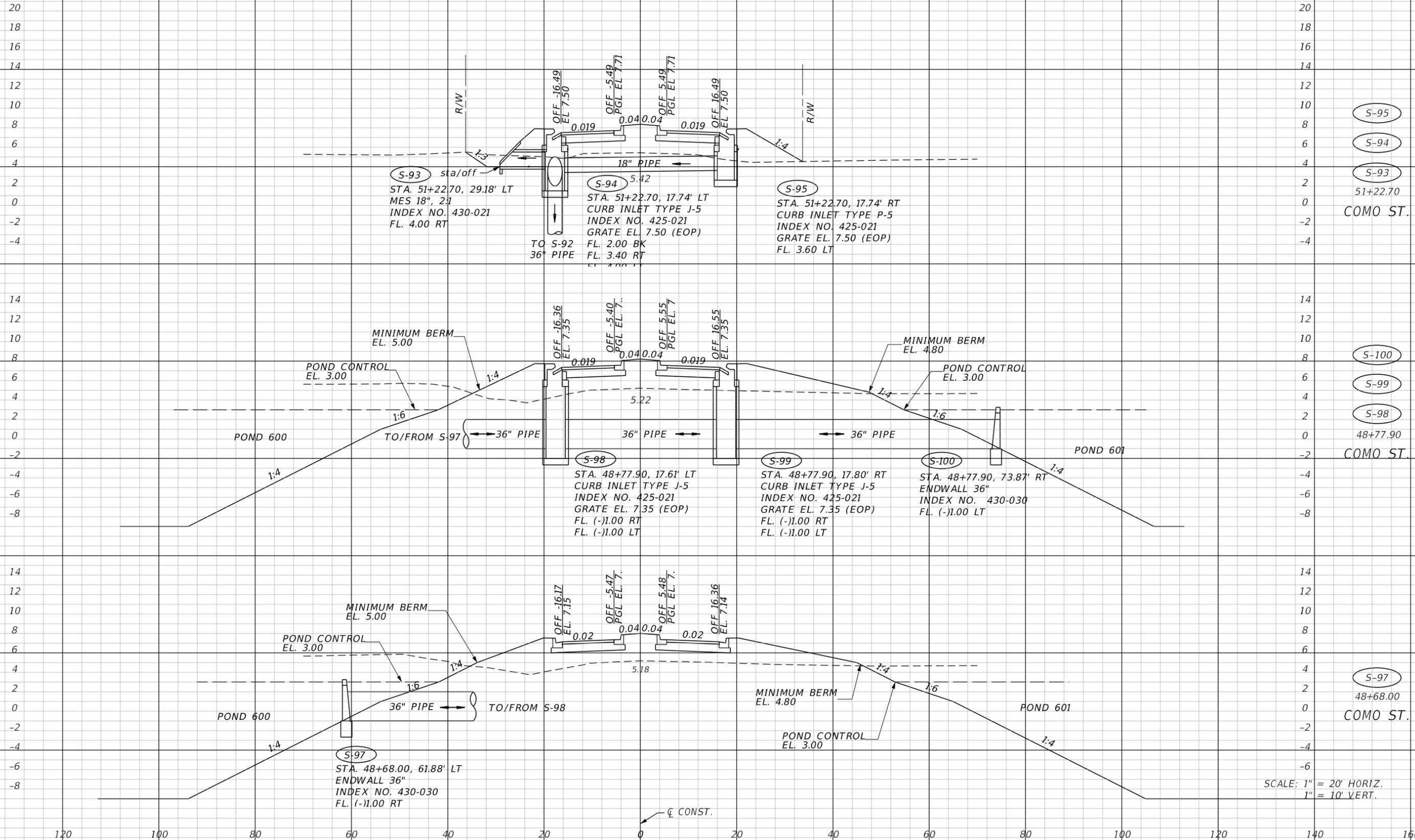
**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**73**

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



- (S-95)
- (S-94)
- (S-93)
- 51+22.70
- COMO ST.
- (S-100)
- (S-99)
- (S-98)
- 48+77.90
- COMO ST.
- (S-97)
- 48+68.00
- COMO ST.

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

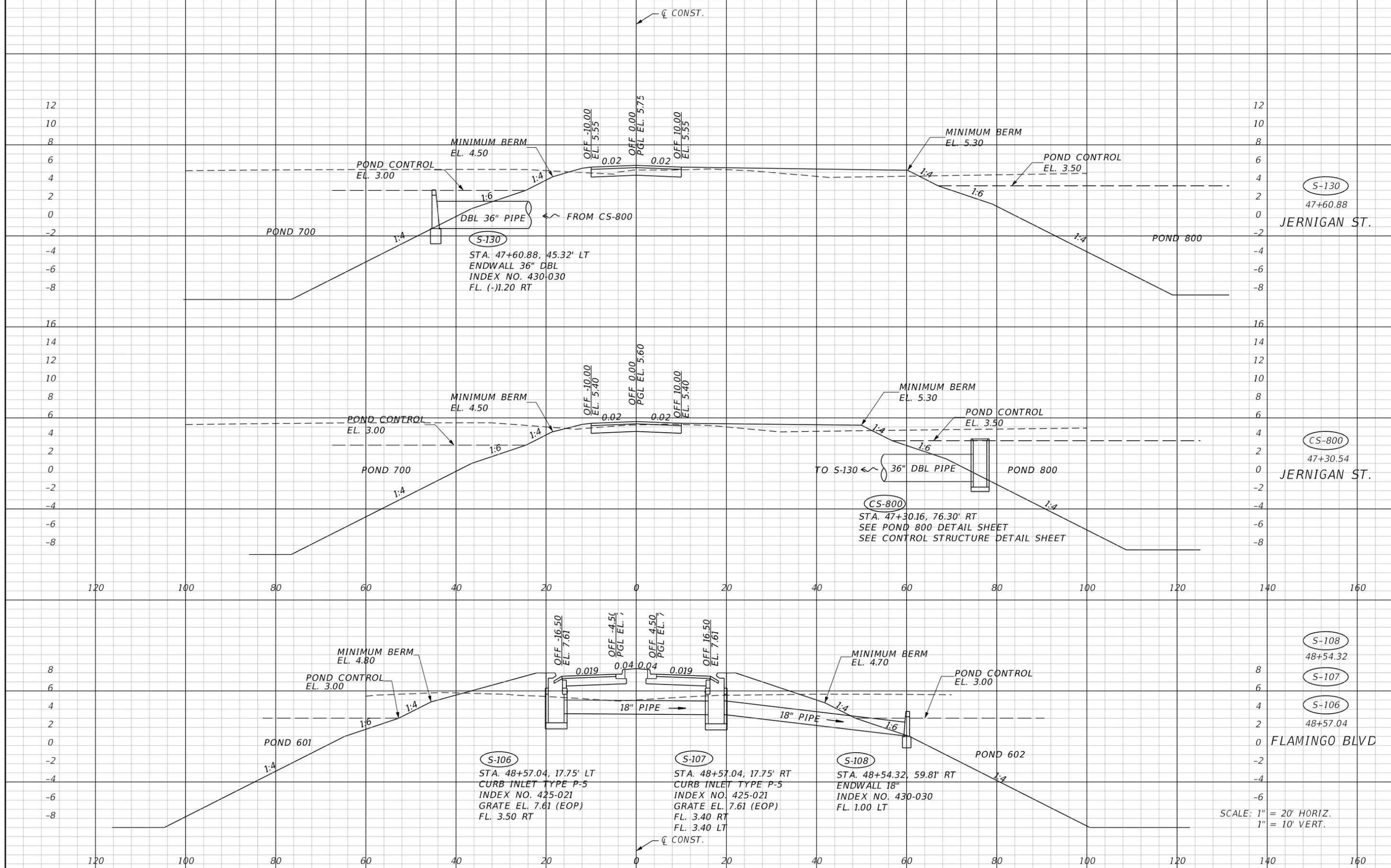
REVISIONS	
DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**  
 SHEET NO. 74

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



SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

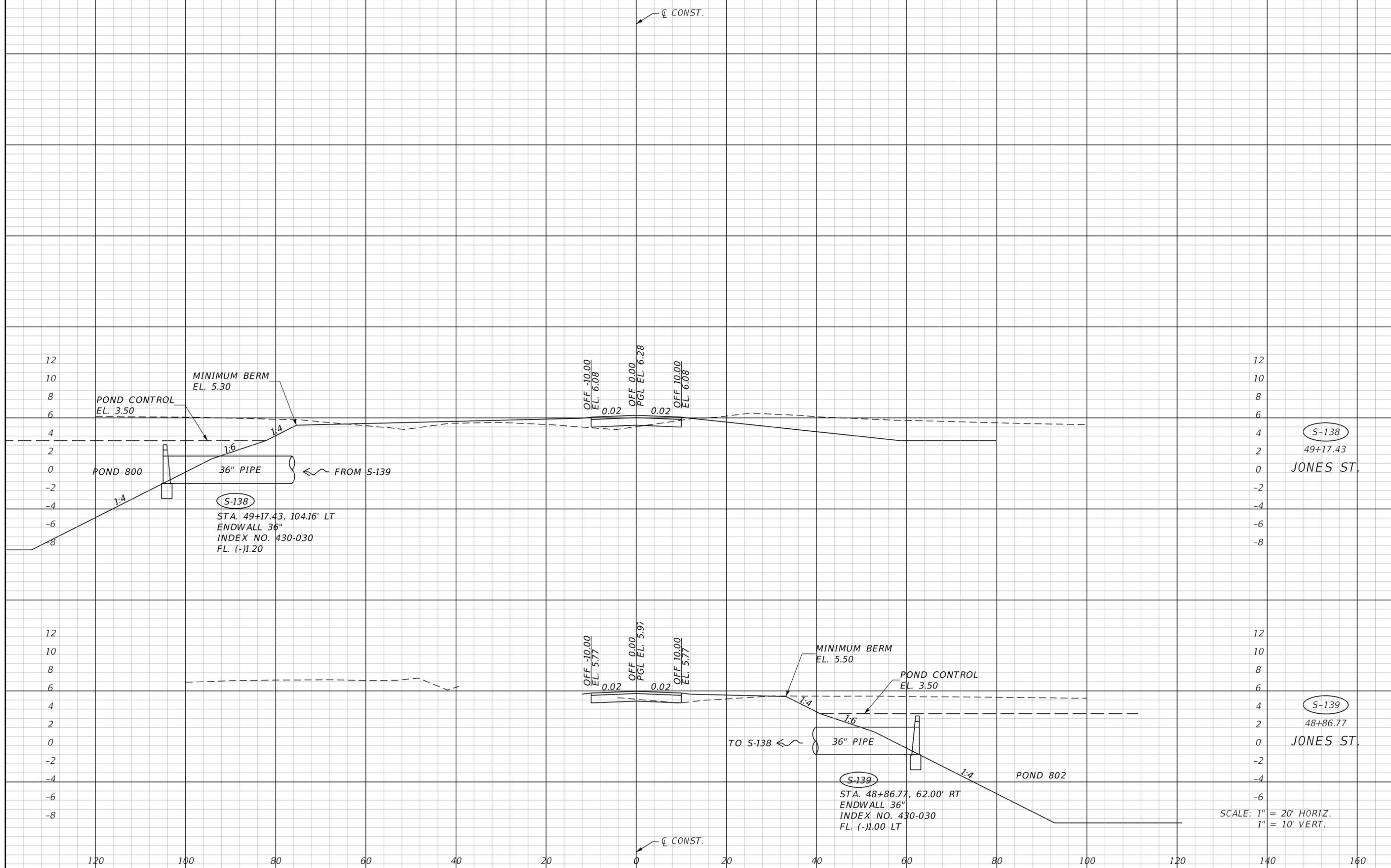
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO. **75**

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





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

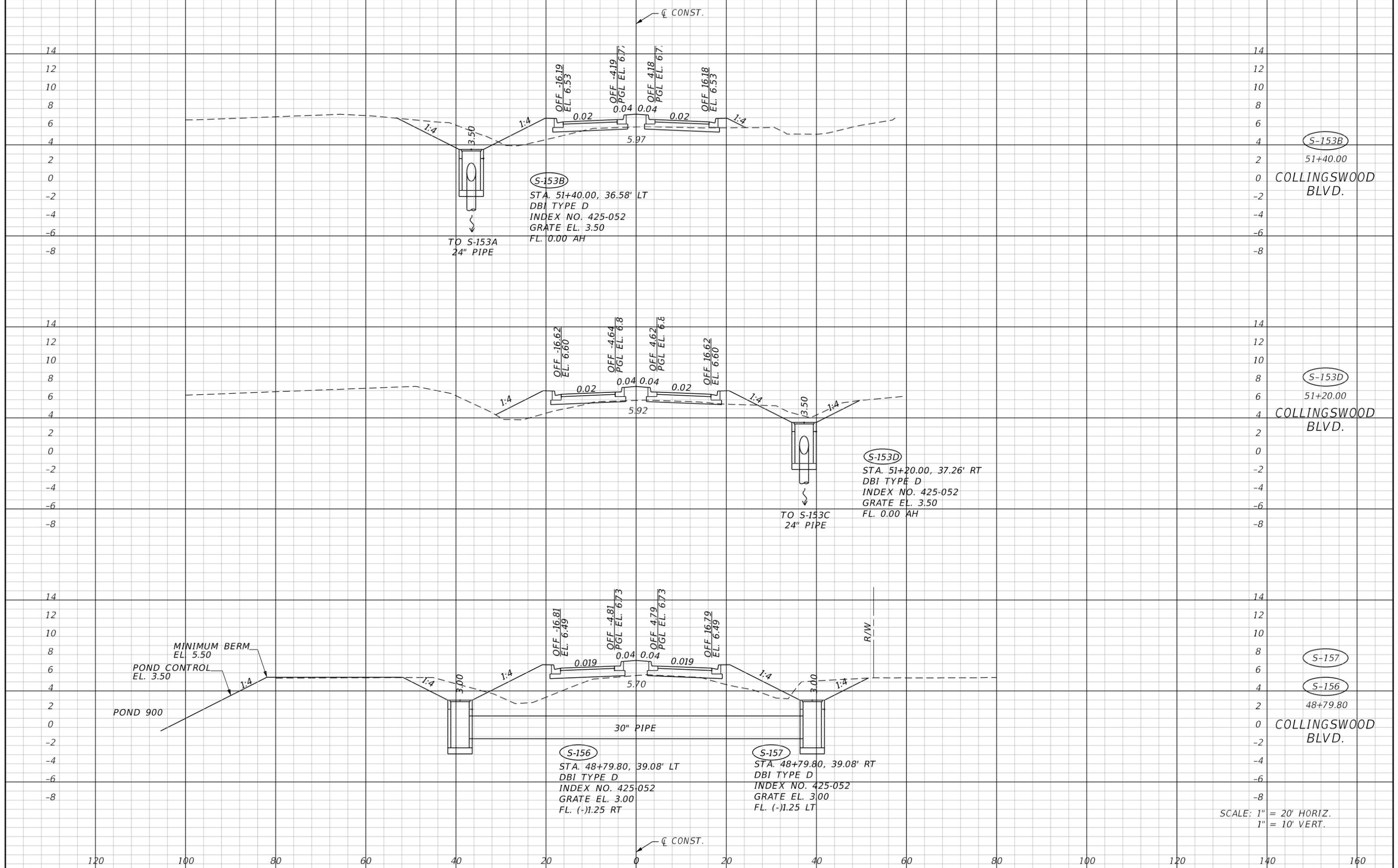
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE STRUCTURES**

SHEET NO.  
**77**

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



SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

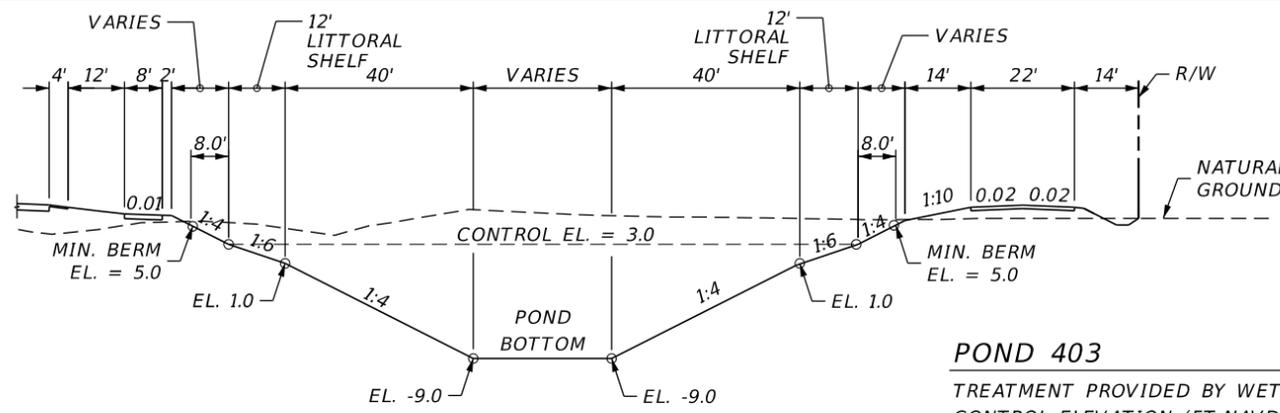
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

DRAINAGE STRUCTURES

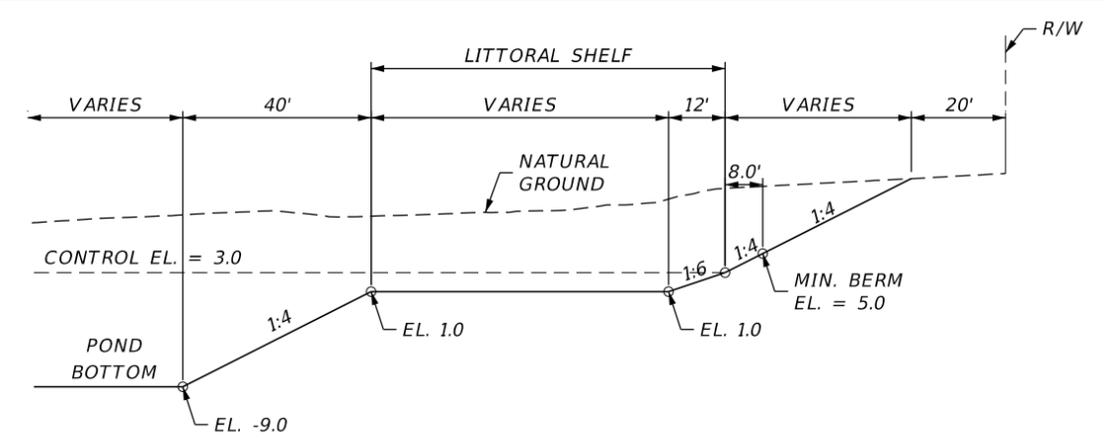
SHEET NO.  
**78**

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

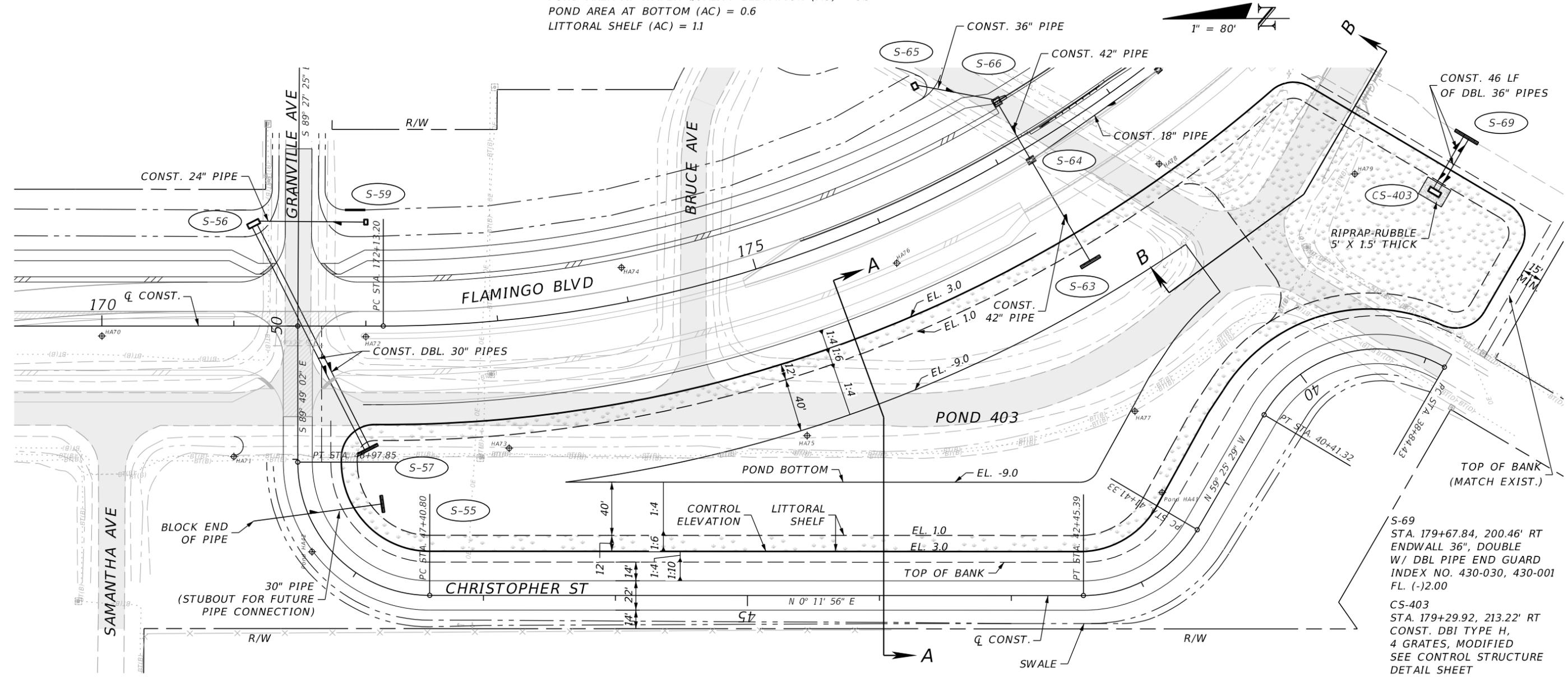


**TYPICAL SECTION "A-A"**  
N.T.S.

**POND 403**  
 TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.0  
 POND AREA AT CONTROL ELEVATION (AC) = 3.1  
 WEIR ELEVATION (FT-NAVD) = 3.3  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.5  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.0  
 POND AREA AT MINIMUM BERM (AC) = 3.4  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 3.1  
 POND AREA AT BOTTOM (AC) = 0.6  
 LITTORAL SHELF (AC) = 1.1



**TYPICAL SECTION "B-B"**  
N.T.S.



S-69  
 STA. 179+67.84, 200.46' RT  
 ENDWALL 36", DOUBLE  
 W/ DBL PIPE END GUARD  
 INDEX NO. 430-030, 430-001  
 FL. (-)2.00

CS-403  
 STA. 179+29.92, 213.22' RT  
 CONST. DBI TYPE H,  
 4 GRATES, MODIFIED  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

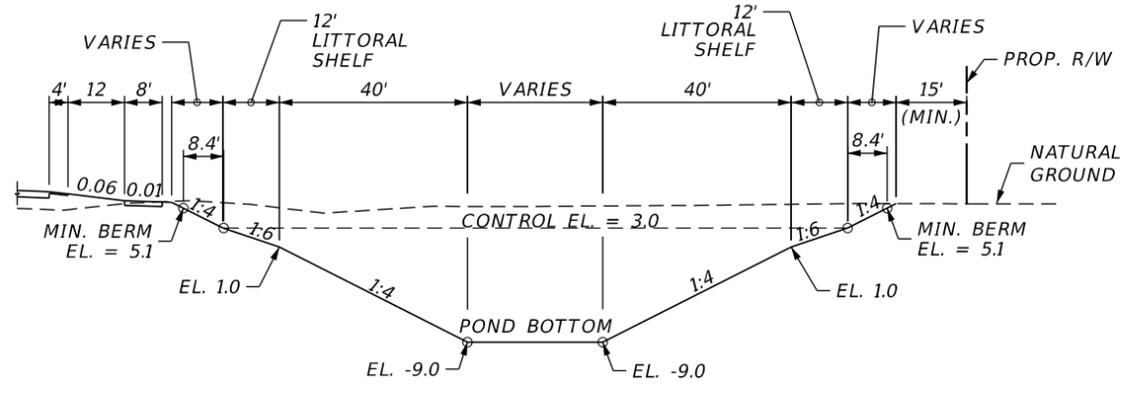
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

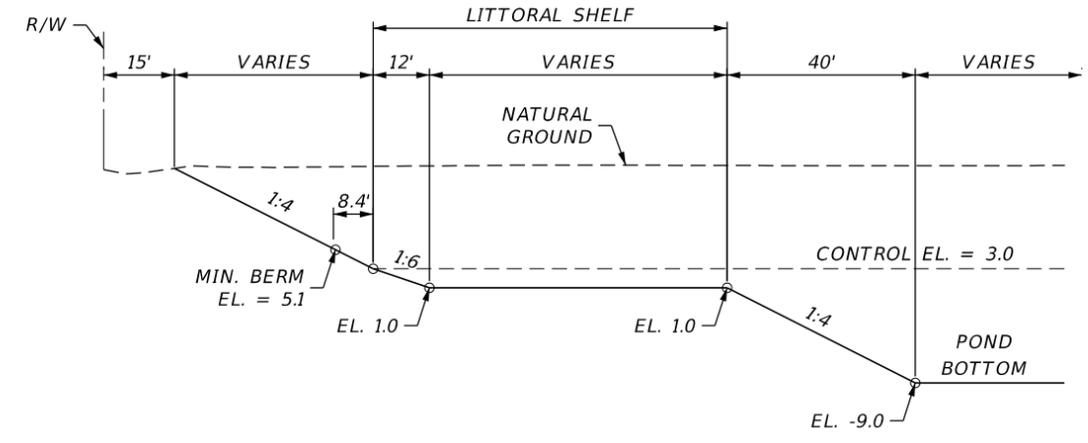
**POND DETAIL  
NO. 403**

SHEET NO.
79

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



TYPICAL SECTION "A-A"  
N.T.S.

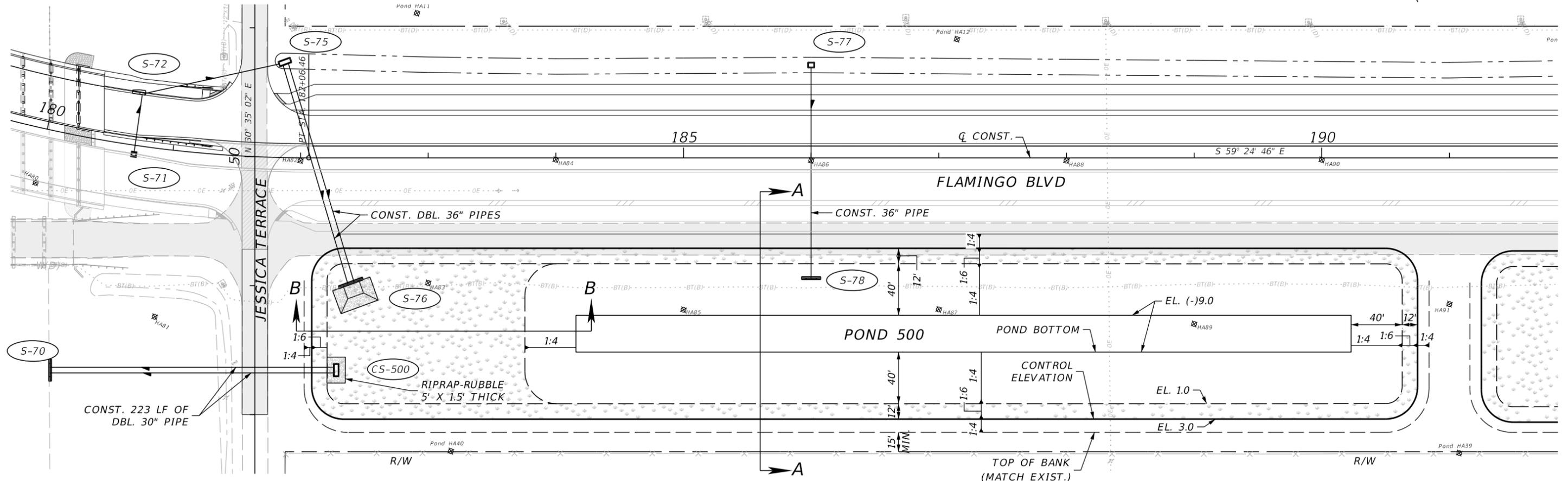
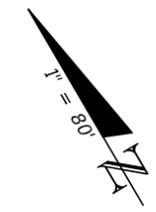


TYPICAL SECTION "B-B"  
N.T.S.

**POND 500**

TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.0  
 POND AREA AT CONTROL ELEVATION (AC) = 2.6  
 WEIR ELEVATION (FT-NAVD) = 3.5  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.6  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.1  
 POND AREA AT MINIMUM BERM (AC) = 3.0  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 2.7  
 POND AREA AT BOTTOM (AC) = 0.4  
 LITTORAL SHELF (AC) = 0.9

CS-500  
 STA. 48+34.50, 63.74 RT  
 DBI TYPE H, 2 GRATE, MODIFIED  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

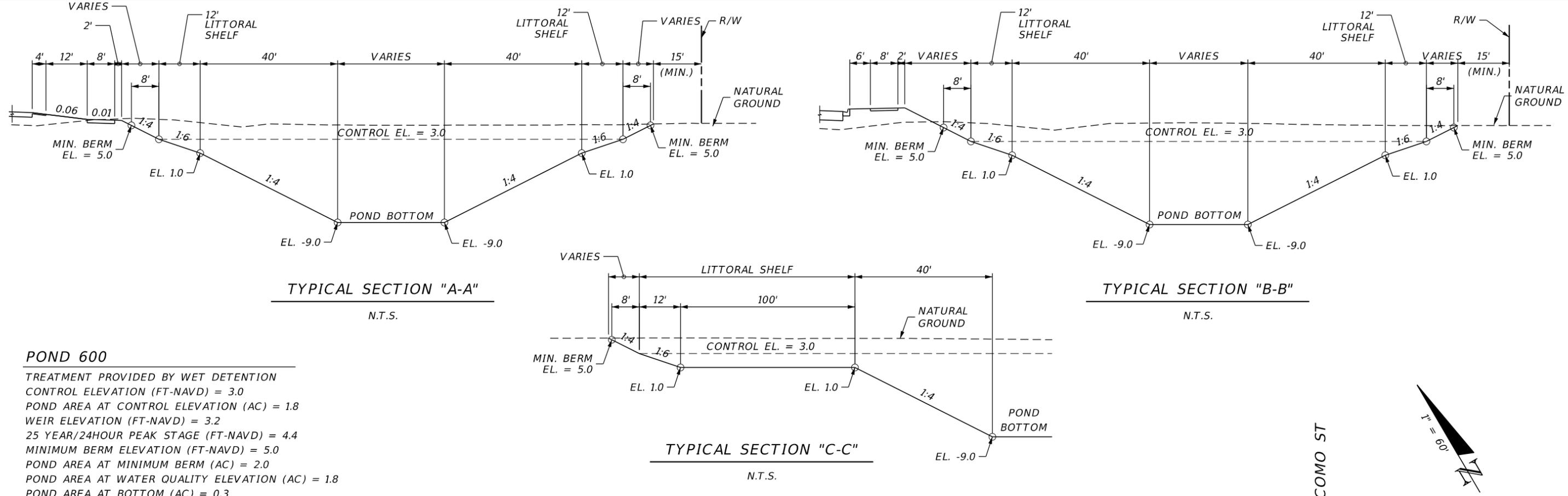
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**POND DETAIL  
NO. 500**

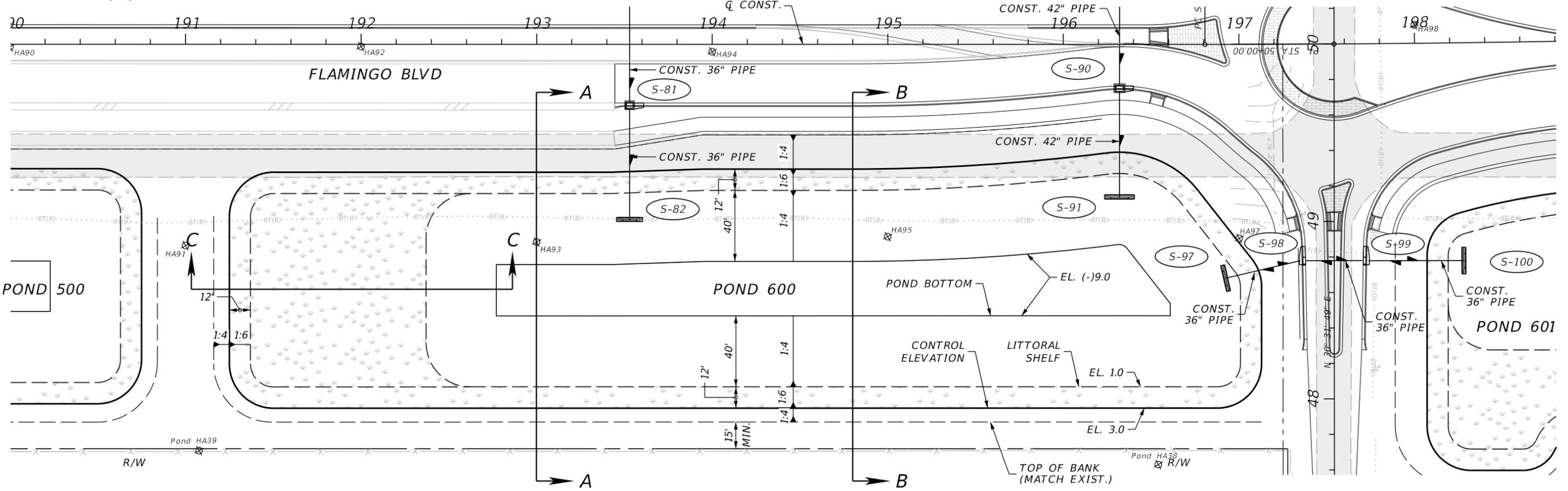
SHEET NO.
80

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



**POND 600**

TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.0  
 POND AREA AT CONTROL ELEVATION (AC) = 1.8  
 WEIR ELEVATION (FT-NAVD) = 3.2  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.4  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.0  
 POND AREA AT MINIMUM BERM (AC) = 2.0  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 1.8  
 POND AREA AT BOTTOM (AC) = 0.3  
 LITTORAL SHELF (AC) = 0.6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

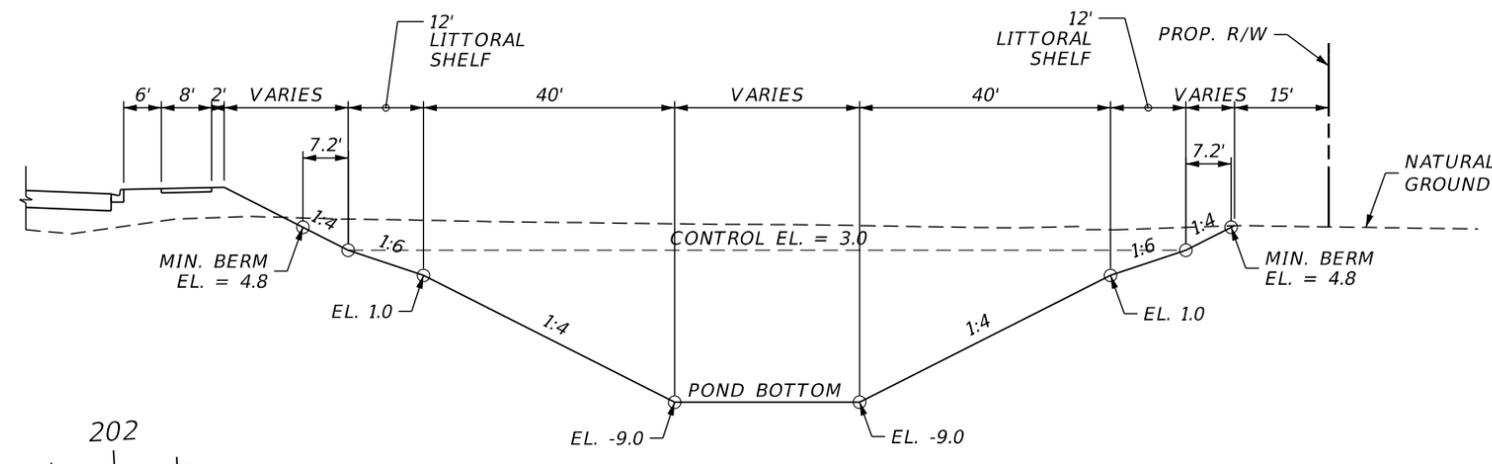
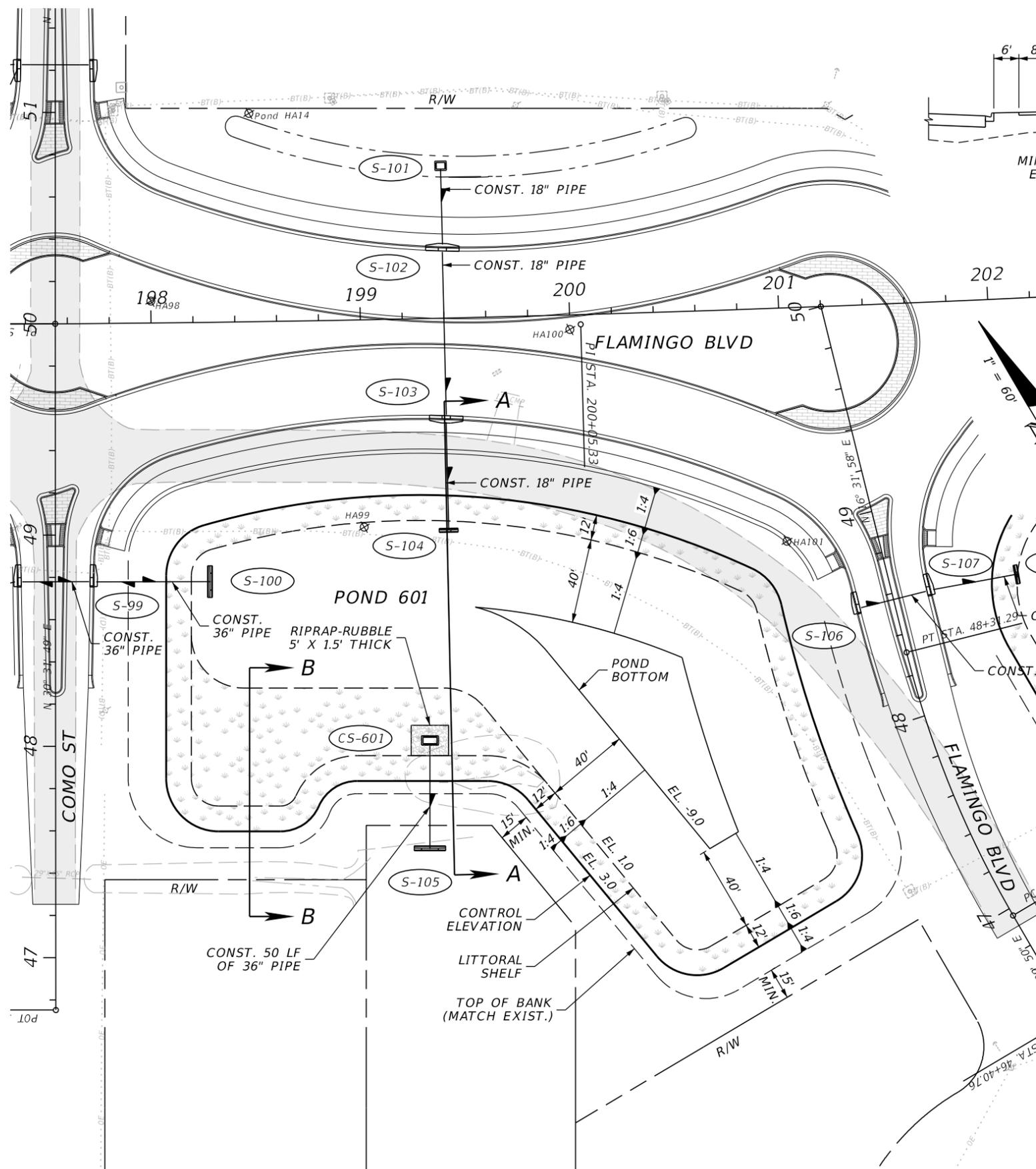
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

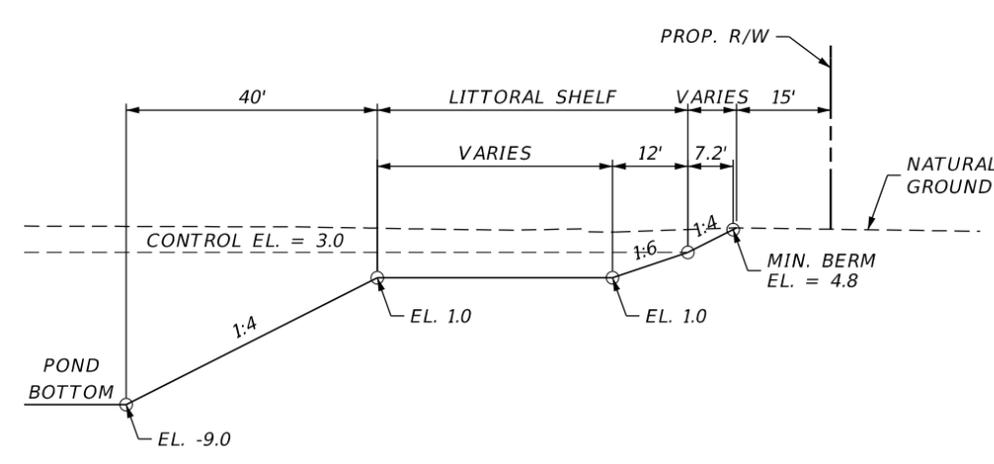
**POND DETAIL NO. 600**

SHEET NO.
81

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TYPICAL SECTION "A-A"  
N.T.S.



TYPICAL SECTION "B-B"  
N.T.S.

CS-601  
STA. 199+29.00, 199.70 RT  
DBI TYPE H, 2 GRATE, MODIFIED  
SEE CONTROL STRUCTURE  
DETAIL SHEET

S-105  
STA. 199+27.90, 250.75' RT  
ENDWALL 36"  
INDEX NO. 430-030  
FL. (-)2.50

**POND 601**  
TREATMENT PROVIDED BY WET DETENTION  
CONTROL ELEVATION (FT-NAVD) = 3.0  
POND AREA AT CONTROL ELEVATION (AC) = 1.1  
WEIR ELEVATION (FT-NAVD) = 3.2  
25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.0  
MINIMUM BERM ELEVATION (FT-NAVD) = 4.8  
POND AREA AT MINIMUM BERM (AC) = 1.3  
POND AREA AT WATER QUALITY ELEVATION (AC) = 1.2  
POND AREA AT BOTTOM (AC) = 0.1  
LITTORAL SHELF (AC) = 0.4

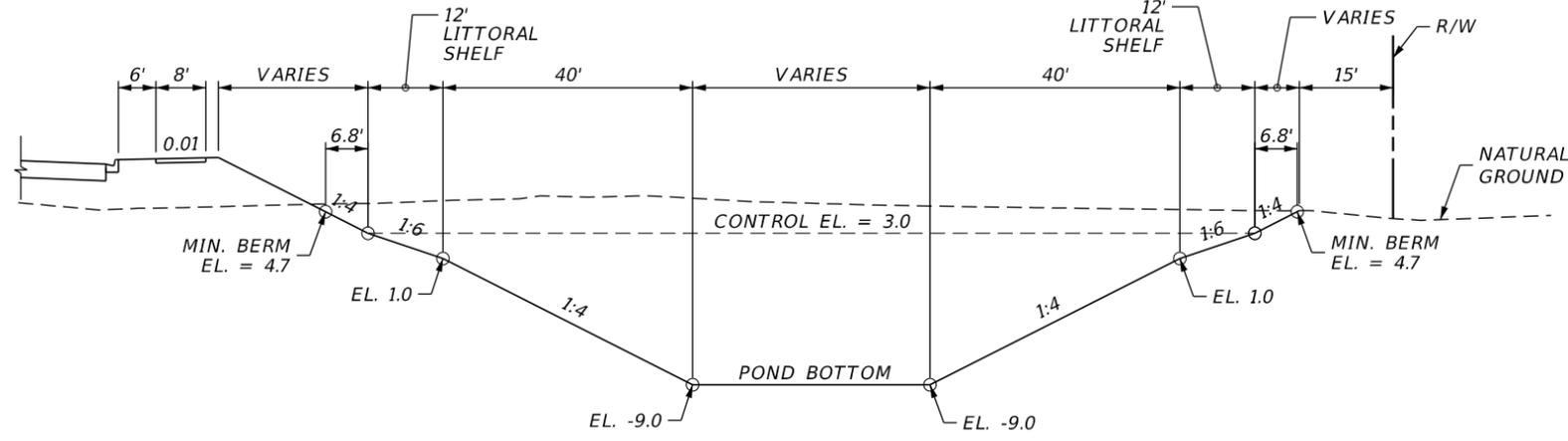
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

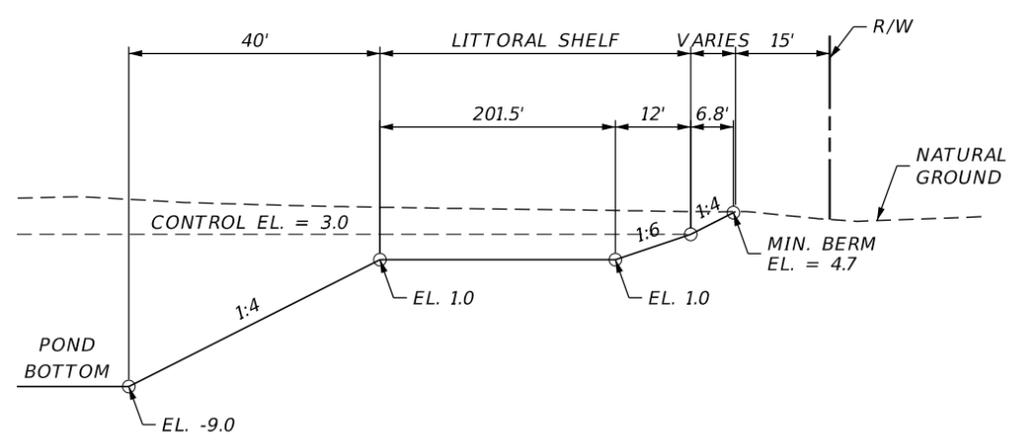
**POND DETAIL  
NO. 601**

SHEET NO.  
**82**



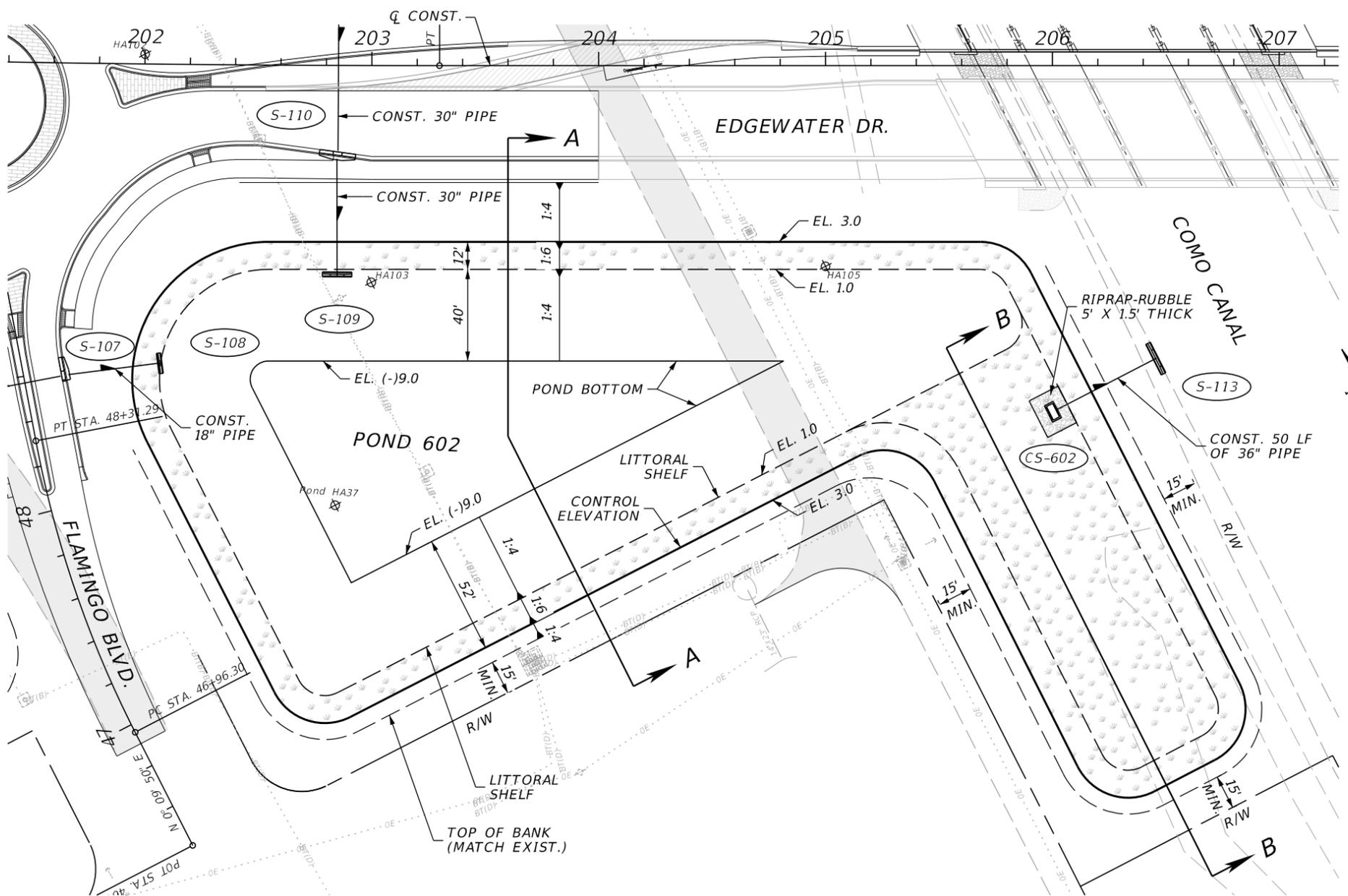
TYPICAL SECTION "A-A"

N.T.S.



TYPICAL SECTION "B-B"

N.T.S.



CS-602  
 STA. 206+00.00, 151.00' RT  
 DBI TYPE H, 2 GRATE, MODIFIED  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET

S-113  
 STA. 206+45.55, 127.88' RT  
 ENDWALL 36"  
 W/ SINGLE END GUARD  
 INDEX NO. 430-030, 430-001  
 FL. (-)2.50

**POND 602**  
 TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.0  
 POND AREA AT CONTROL ELEVATION (AC) = 1.6  
 WEIR ELEVATION (FT-NAVD) = 3.2  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 3.8  
 MINIMUM BERM ELEVATION (FT-NAVD) = 4.7  
 POND AREA AT MINIMUM BERM (AC) = 1.8  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 1.6  
 POND AREA AT BOTTOM (AC) = 0.3  
 LITTORAL SHELF (AC) = 0.6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

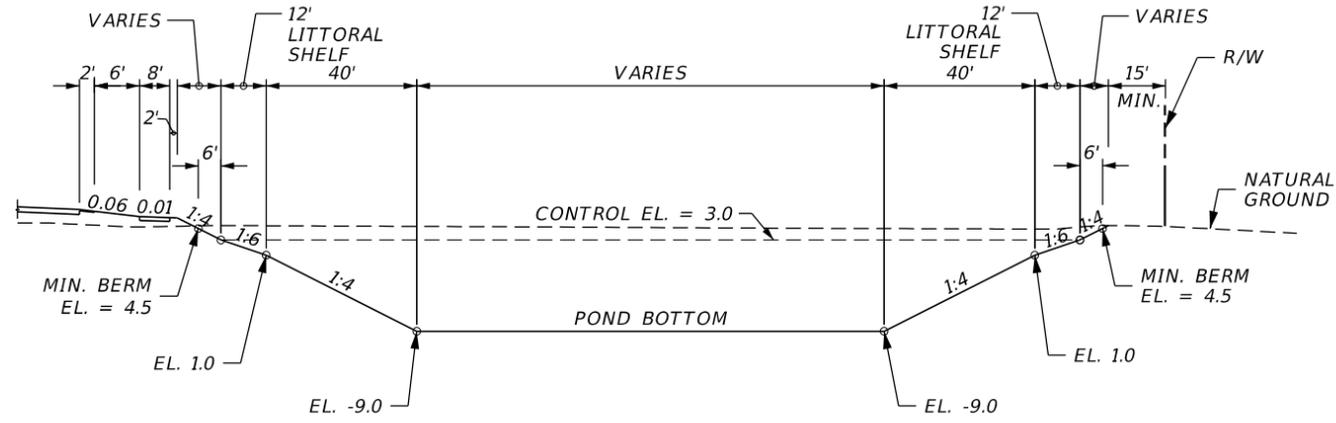
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

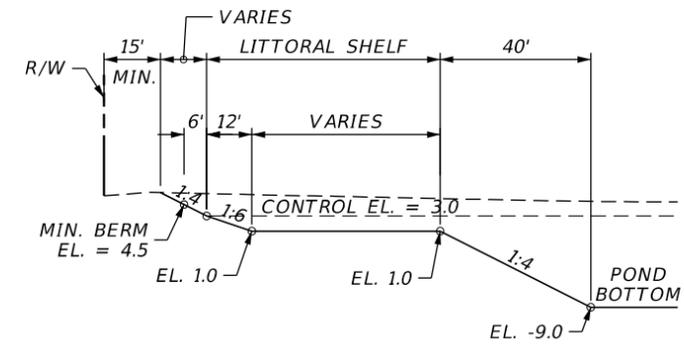
**POND DETAIL  
 NO. 602**

SHEET NO.  
**83**

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



TYPICAL SECTION "A-A"  
N.T.S.

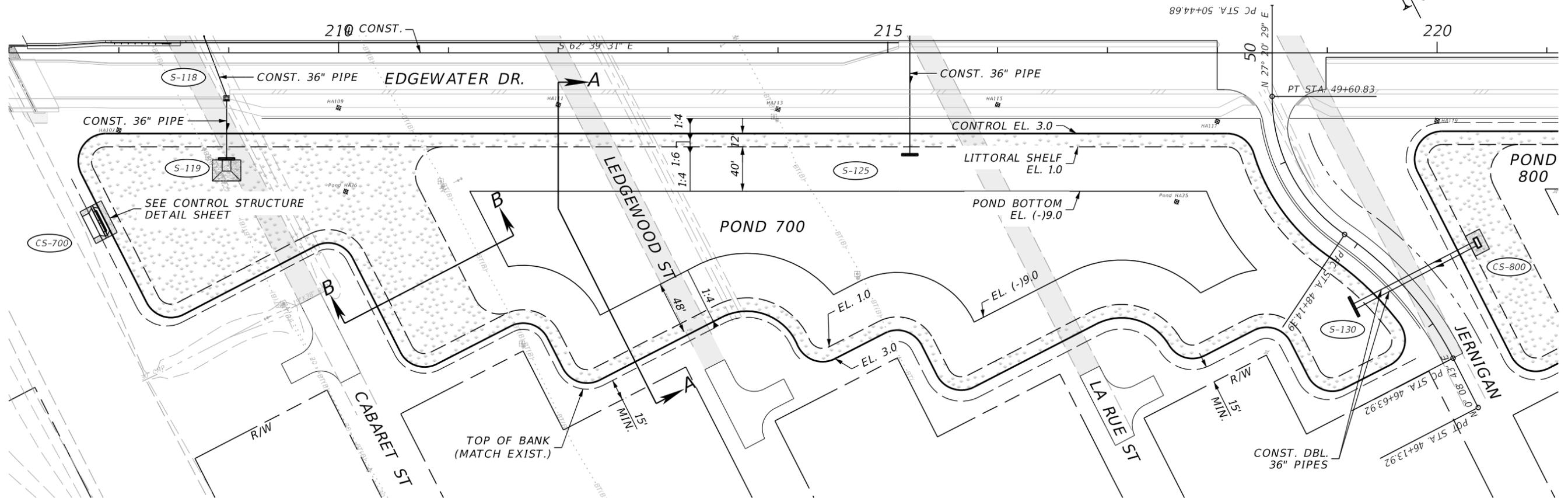


TYPICAL SECTION "B-B"  
N.T.S.

**POND 700**

TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.0  
 POND AREA AT CONTROL ELEVATION (AC) = 4.6  
 WEIR ELEVATION (FT-NAVD) = 3.1  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.0  
 MINIMUM BERM ELEVATION (FT-NAVD) = 4.5  
 POND AREA AT MINIMUM BERM (AC) = 5.0  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 4.6  
 POND AREA AT BOTTOM (AC) = 1.2  
 LITTORAL SHELF (AC) = 1.6

CS-700  
 STA. 207+82.00, 152' RT  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

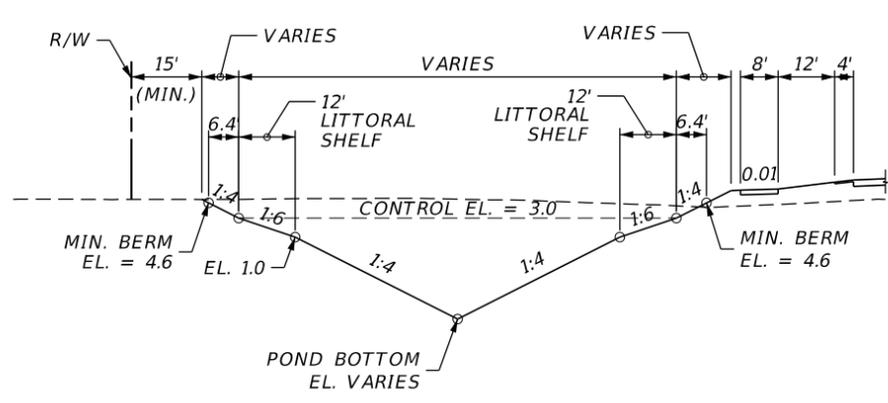
**JOHNSON**  
 ENGINEERING  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

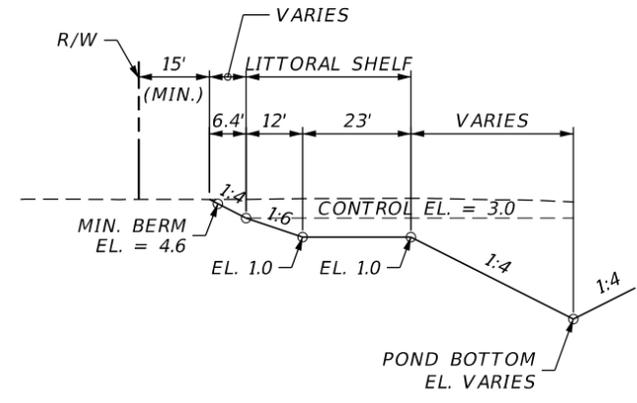
POND DETAIL  
 NO. 700

SHEET  
 NO.  
 84

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



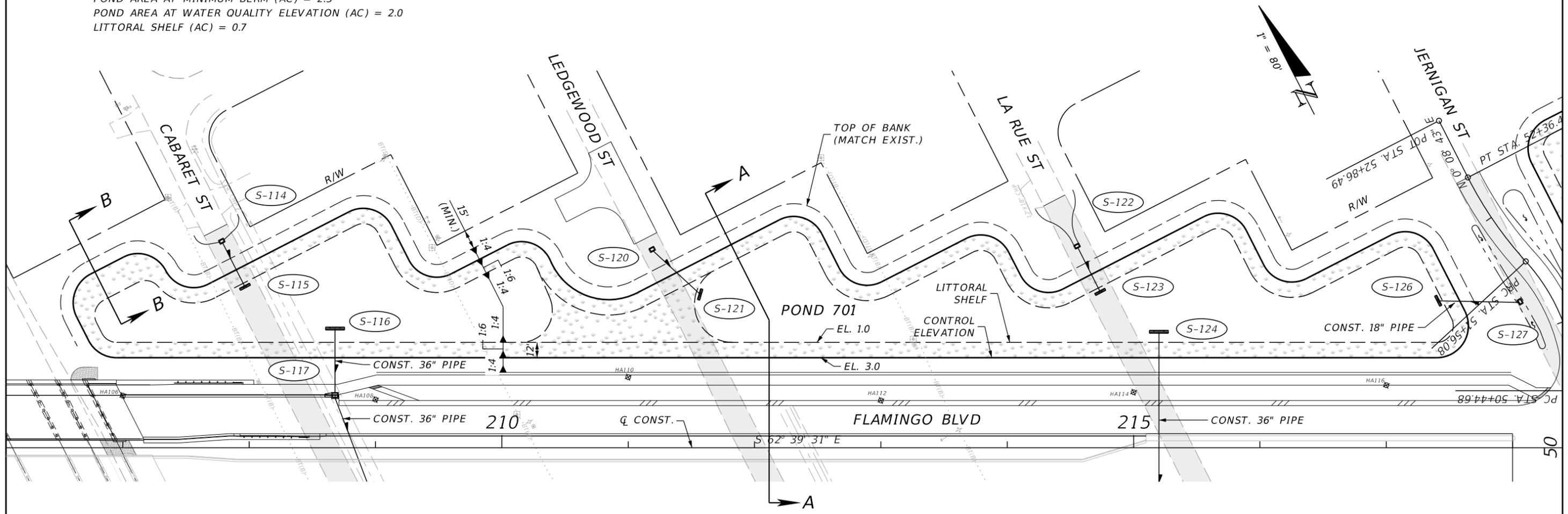
TYPICAL SECTION "A-A"  
N.T.S.



TYPICAL SECTION "B-B"  
N.T.S.

**POND 701**

- TREATMENT PROVIDED BY WET DETENTION
- CONTROL ELEVATION (FT-NAVD) = 3.0
- POND AREA AT CONTROL ELEVATION (AC) = 2.0
- WEIR ELEVATION (FT-NAVD) = 3.1
- 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.1
- MINIMUM BERM ELEVATION (FT-NAVD) = 4.6
- POND AREA AT MINIMUM BERM (AC) = 2.3
- POND AREA AT WATER QUALITY ELEVATION (AC) = 2.0
- LITTORAL SHELF (AC) = 0.7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

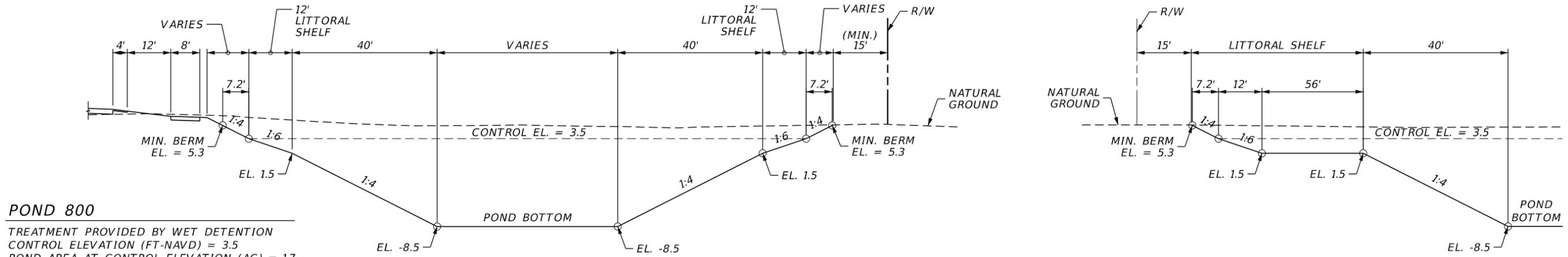
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**POND DETAIL NO. 701**

SHEET NO.
85

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

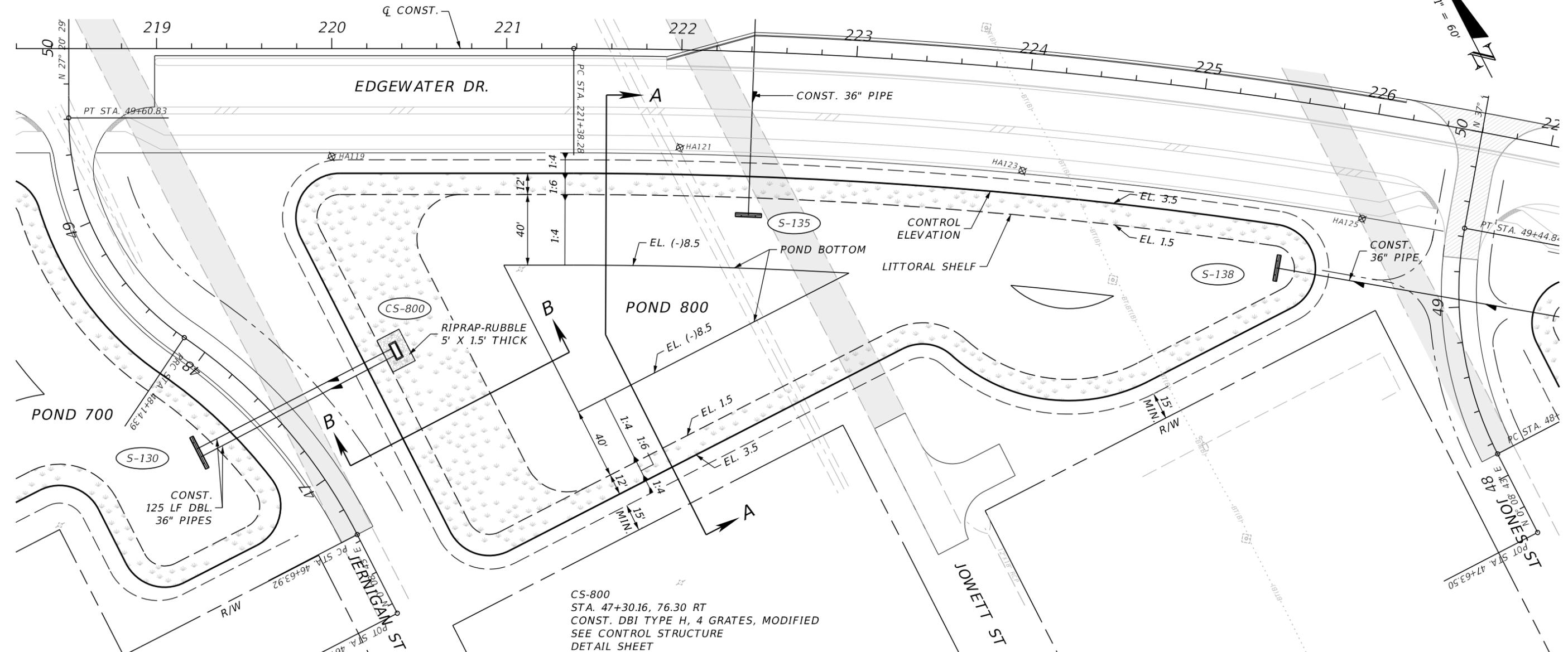


**POND 800**

TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.5  
 POND AREA AT CONTROL ELEVATION (AC) = 1.7  
 WEIR ELEVATION (FT-NAVD) = 3.7  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 4.8  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.3  
 POND AREA AT MINIMUM BERM (AC) = 1.9  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 1.7  
 POND AREA AT BOTTOM (AC) = 0.2  
 LITTORAL SHELF (AC) = 0.6

**TYPICAL SECTION "A-A"**  
N.T.S.

**TYPICAL SECTION "B-B"**  
N.T.S.



CS-800  
 STA. 47+30.16, 76.30 RT  
 CONST. DBI TYPE H, 4 GRATES, MODIFIED  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET

REVISIONS	
DATE	DESCRIPTION

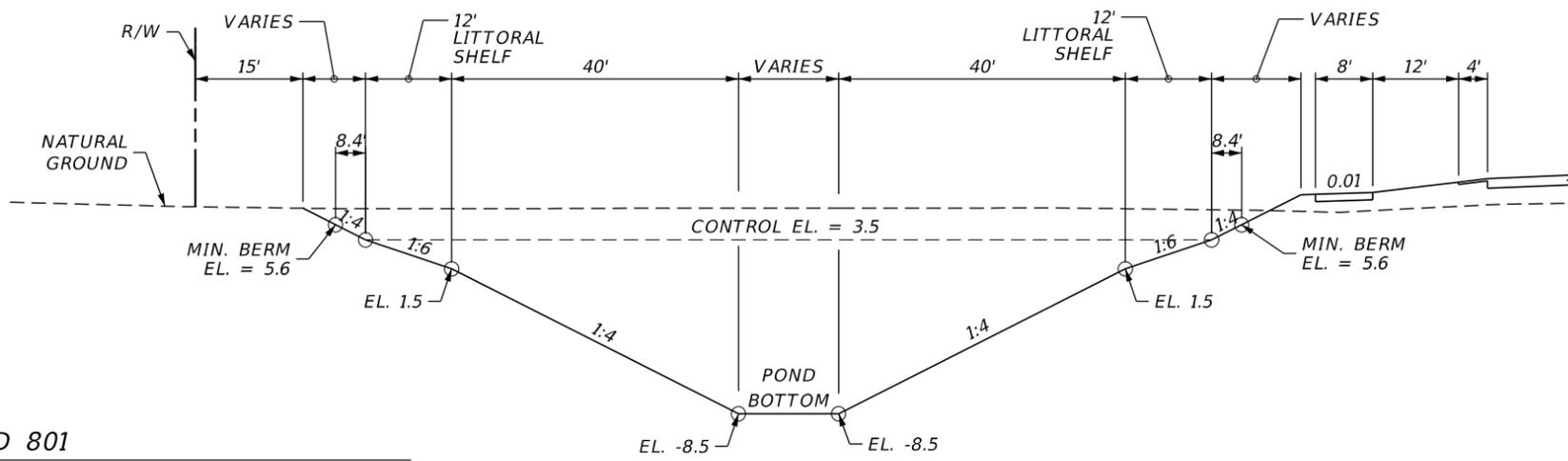
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

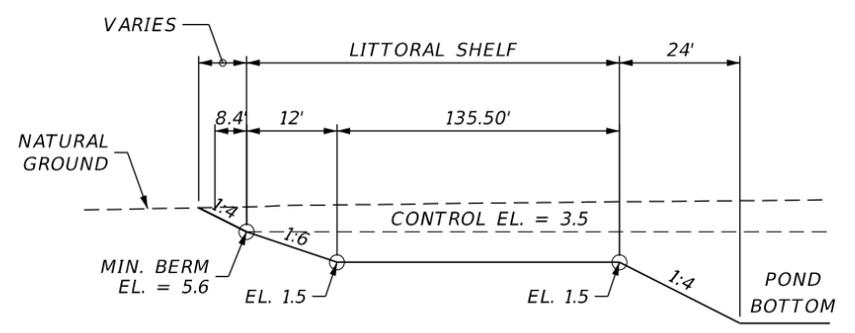
**POND DETAIL  
NO. 800**

SHEET NO.
86

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

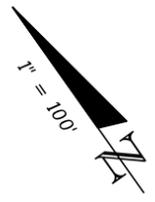
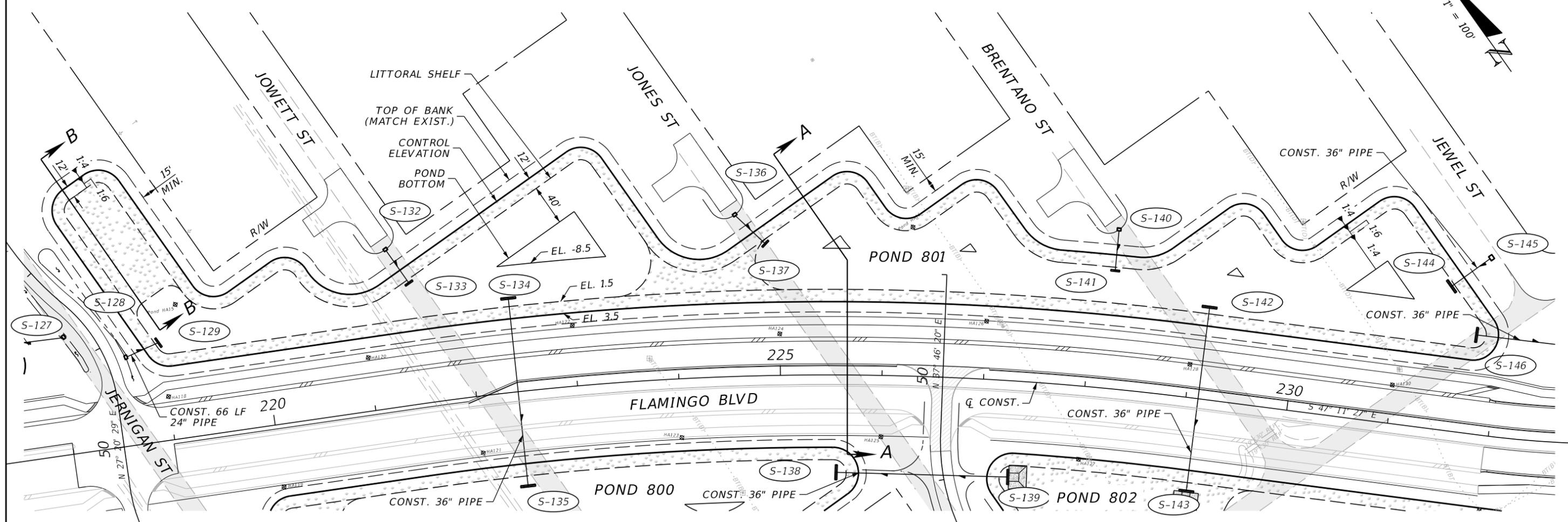


**TYPICAL SECTION "A-A"**  
N.T.S.



**TYPICAL SECTION "B-B"**  
N.T.S.

**POND 801**  
 TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.5  
 POND AREA AT CONTROL ELEVATION (AC) = 3.0  
 WEIR ELEVATION (FT-NAVD) = 3.7  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 5.1  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.6  
 POND AREA AT MINIMUM BERM (AC) = 3.8  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 3.2  
 POND AREA AT BOTTOM (AC) = 0.1  
 LITTORAL SHELF (AC) = 1.1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

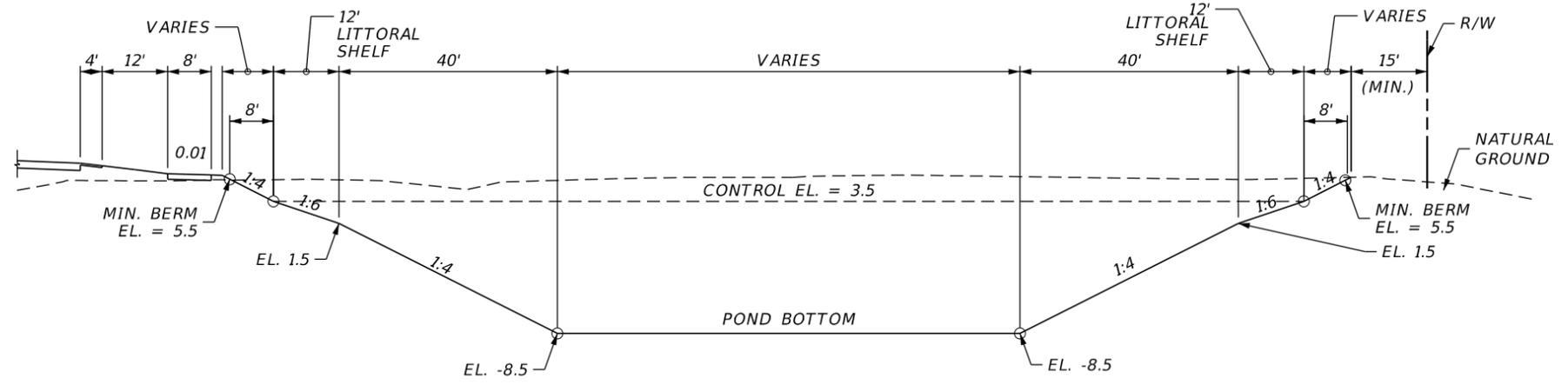
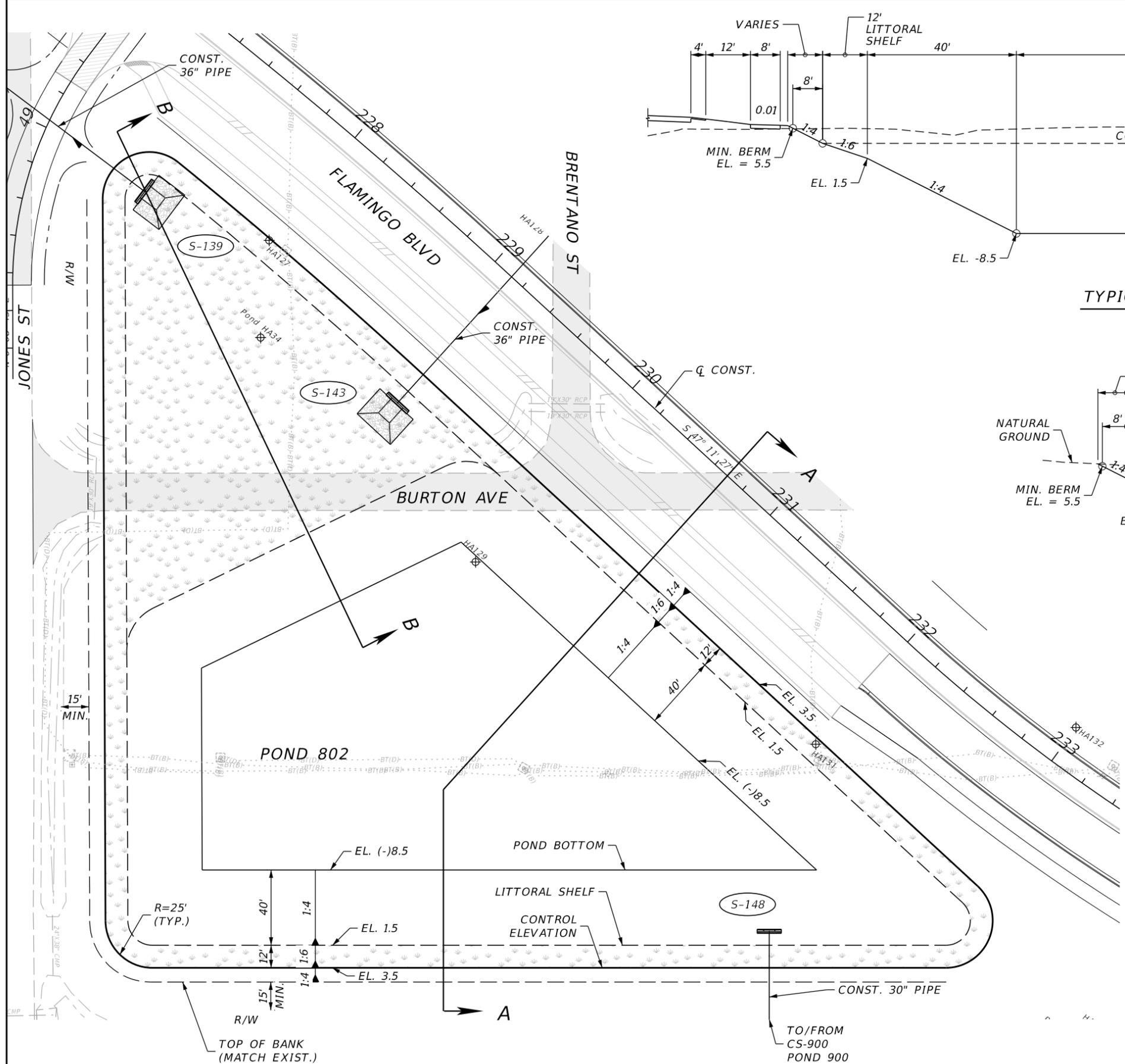
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

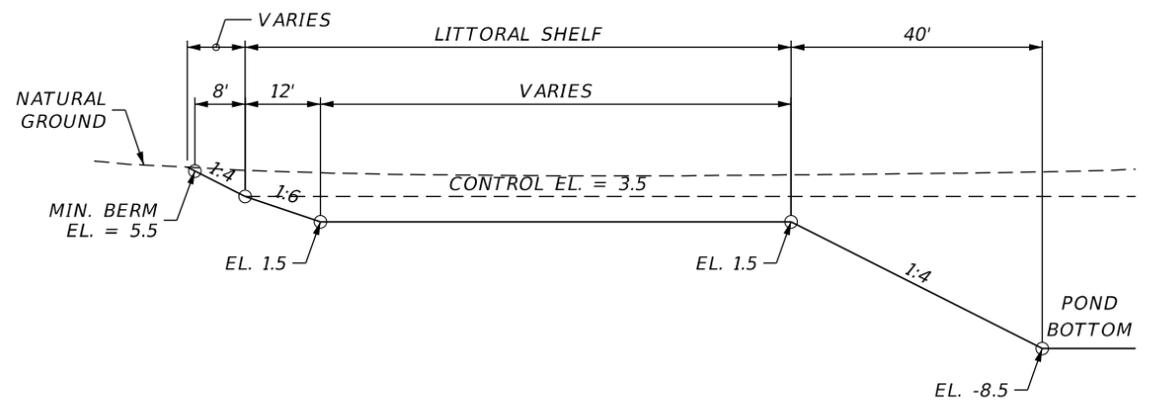
**POND DETAIL NO. 801**

SHEET NO.
87

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TYPICAL SECTION "A-A"  
N.T.S.



TYPICAL SECTION "B-B"  
N.T.S.



**POND 802**

TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NGVD) = 3.5  
 POND AREA AT CONTROL ELEVATION (AC) = 2.7  
 WEIR ELEVATION (FT-NGVD) = 3.7  
 25 YEAR/24HOUR PEAK STAGE (FT-NGVD) = 5.0  
 MINIMUM BERM ELEVATION (FT-NGVD) = 5.5  
 POND AREA AT MINIMUM BERM (AC) = 3.0  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 2.8  
 POND AREA AT BOTTOM (AC) = 0.8  
 LITTORAL SHELF (AC) = 1.0

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

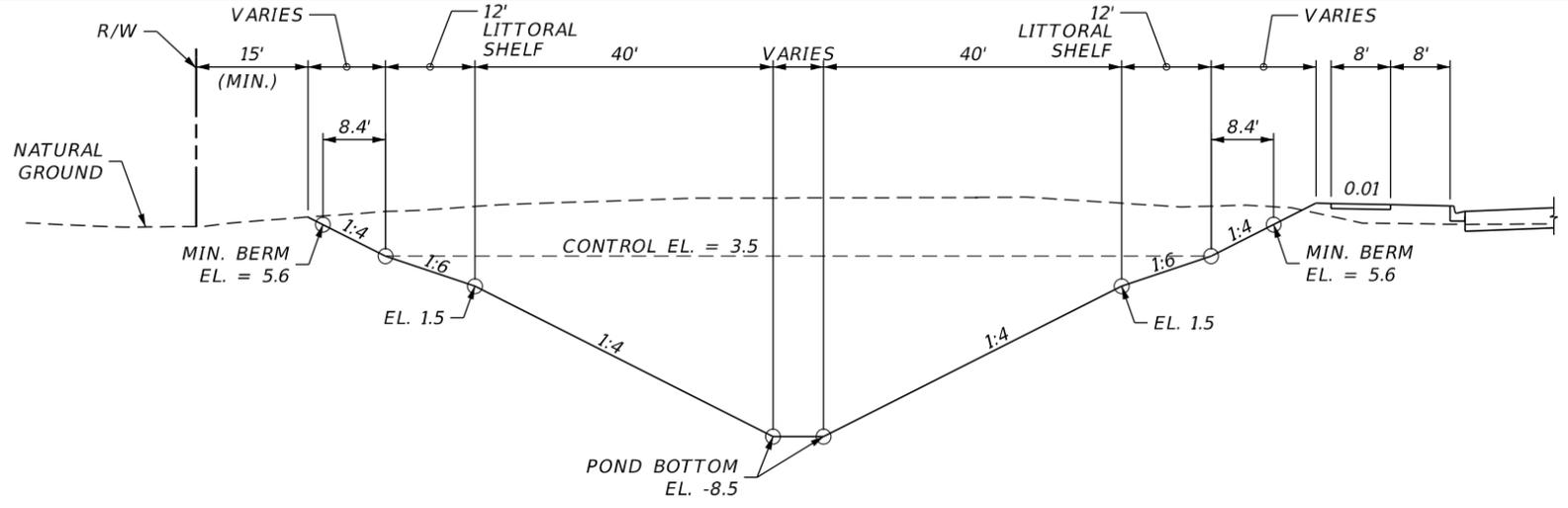
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

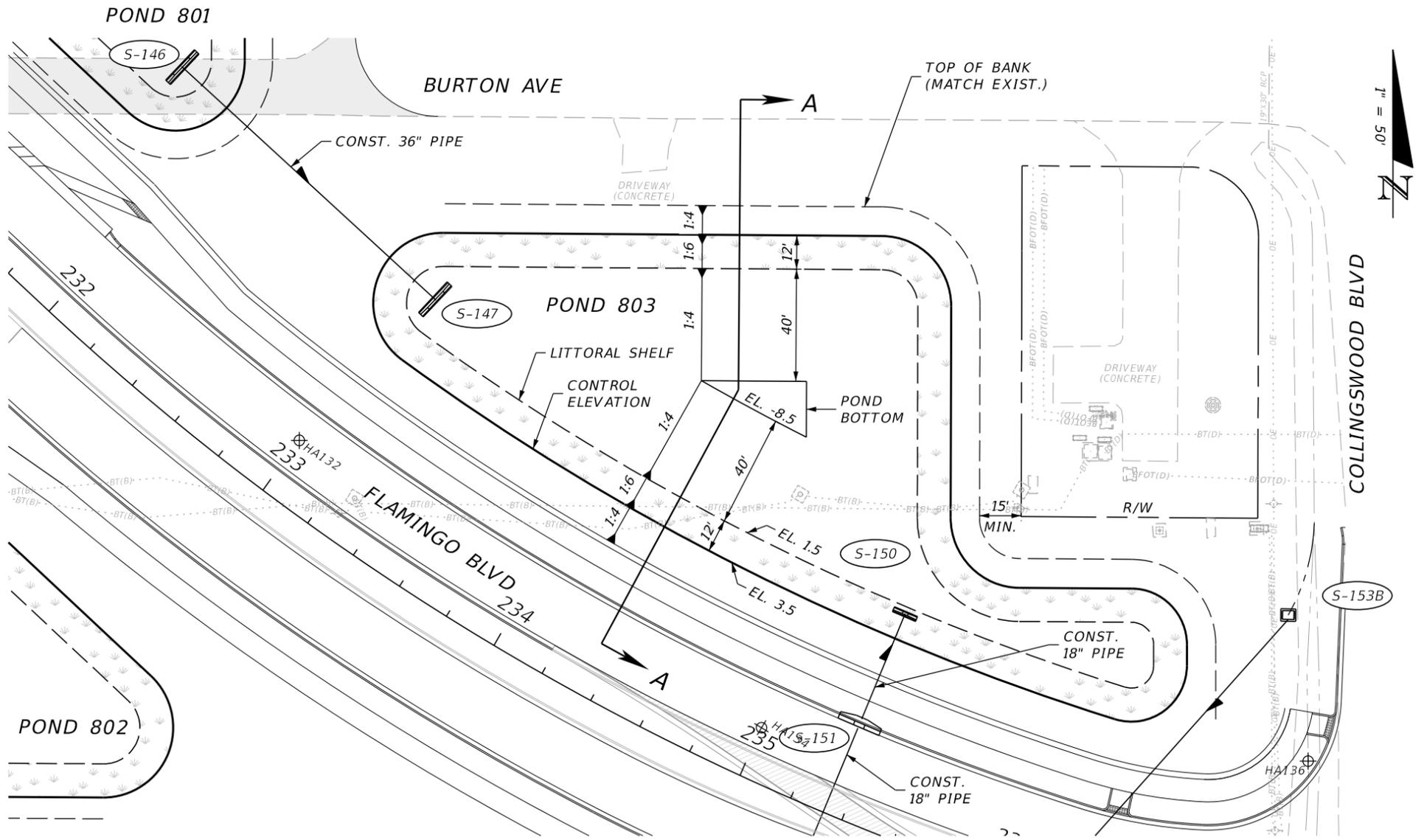
**POND DETAIL  
NO. 802**

SHEET NO.  
**88**

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**TYPICAL SECTION "A-A"**  
N.T.S.



**POND 803**  
 TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.5  
 POND AREA AT CONTROL ELEVATION (AC) = 0.55  
 WEIR ELEVATION (FT-NAVD) = 3.7  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 5.1  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.6  
 POND AREA AT MINIMUM BERM (AC) = 0.7  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 0.6  
 POND AREA AT BOTTOM (AC) = 0.01  
 LITTORAL SHELF (AC) = 0.2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

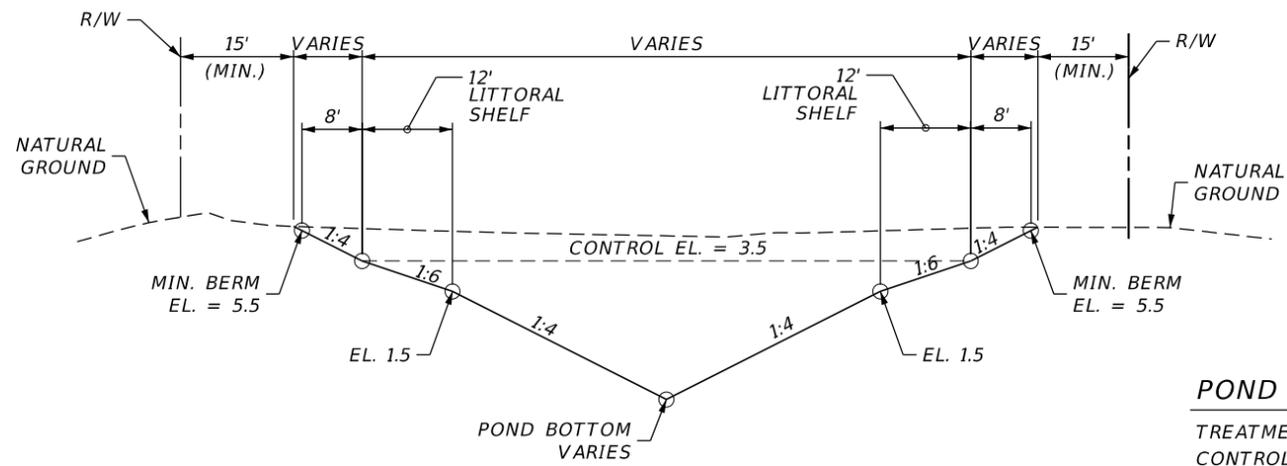
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

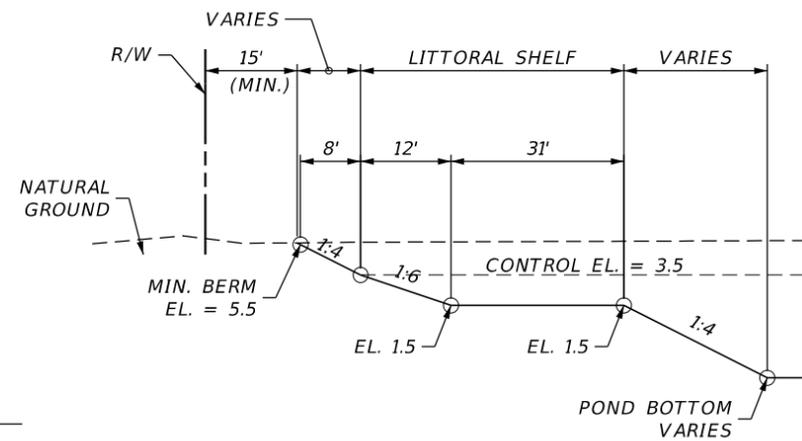
**POND DETAIL  
NO. 803**

SHEET NO.  
**89**

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



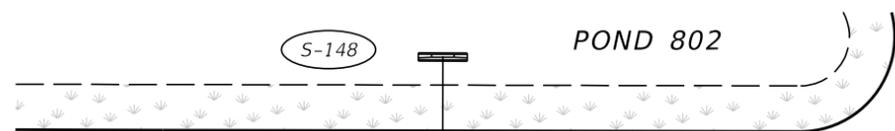
**TYPICAL SECTION "A-A"**  
N.T.S.



**TYPICAL SECTION "B-B"**  
N.T.S.

**POND 900**

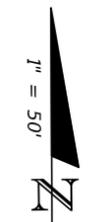
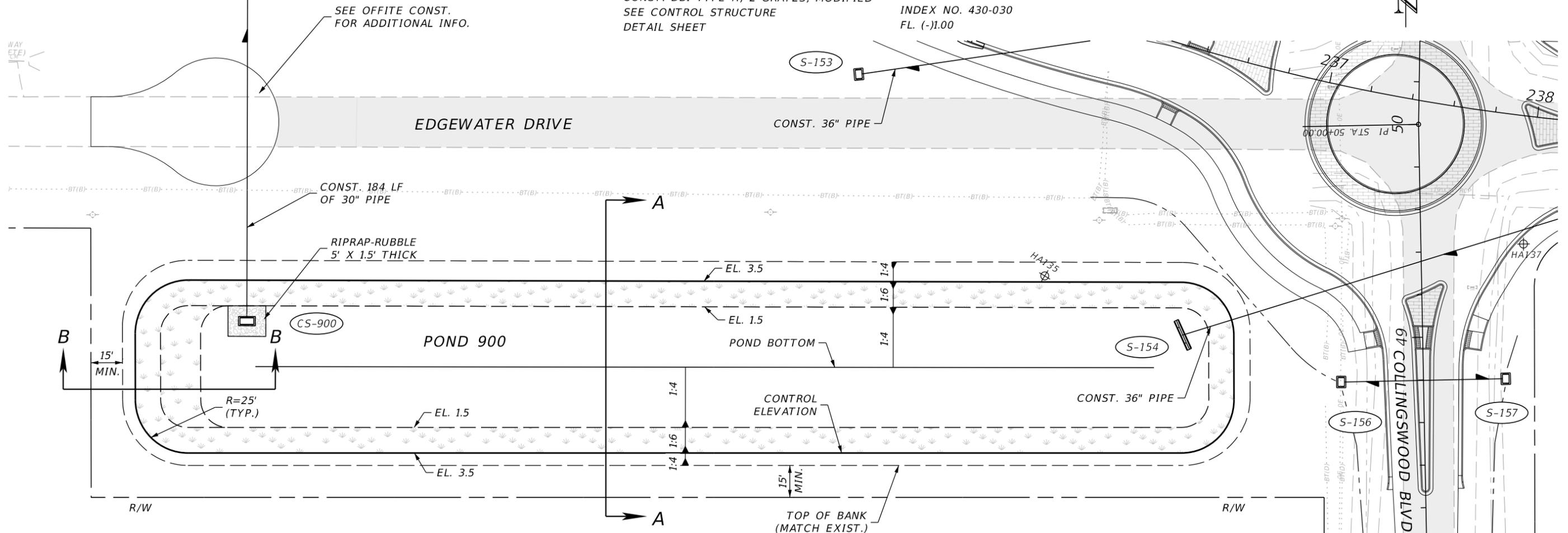
TREATMENT PROVIDED BY WET DETENTION  
 CONTROL ELEVATION (FT-NAVD) = 3.5  
 POND AREA AT CONTROL ELEVATION (AC) = 1.0  
 WEIR ELEVATION (FT-NAVD) = 3.8  
 25 YEAR/24HOUR PEAK STAGE (FT-NAVD) = 5.0  
 MINIMUM BERM ELEVATION (FT-NAVD) = 5.5  
 POND AREA AT MINIMUM BERM (AC) = 1.2  
 POND AREA AT WATER QUALITY ELEVATION (AC) = 1.0  
 LITTORAL SHELF (AC) = 0.3



**POND 802**

CS-900  
 STA. 233+30.75, 312.93' RT  
 CONST. DBI TYPE H, 2 GRATES, MODIFIED  
 SEE CONTROL STRUCTURE  
 DETAIL SHEET

S-154  
 STA. 236+62.36, 131.46' RT  
 ENDWALL 36"  
 INDEX NO. 430-030  
 FL. (-)1.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

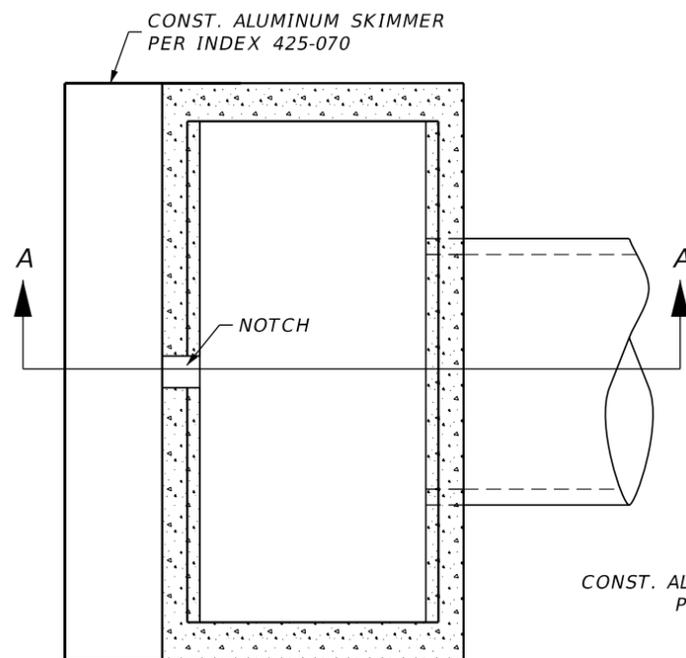
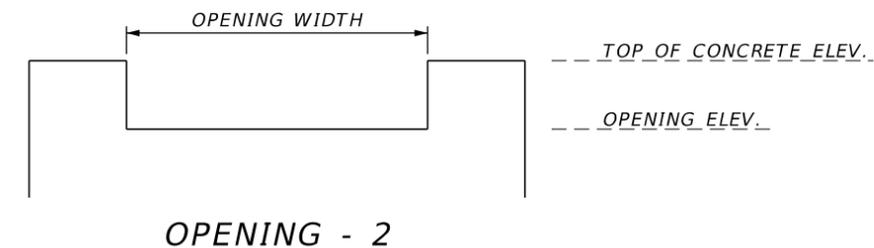
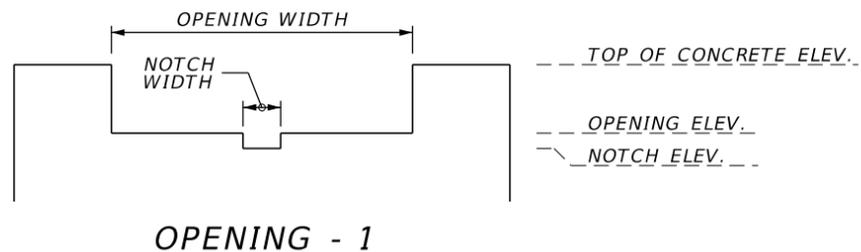
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**POND DETAIL  
NO. 900**

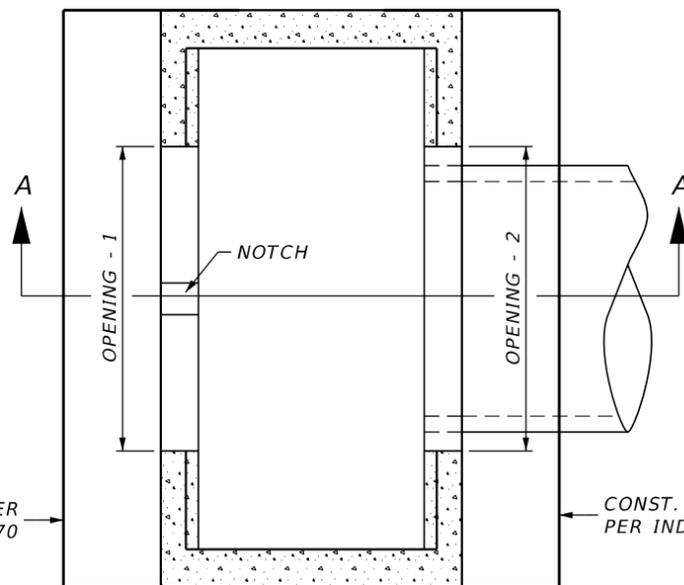
SHEET NO.  
**90**

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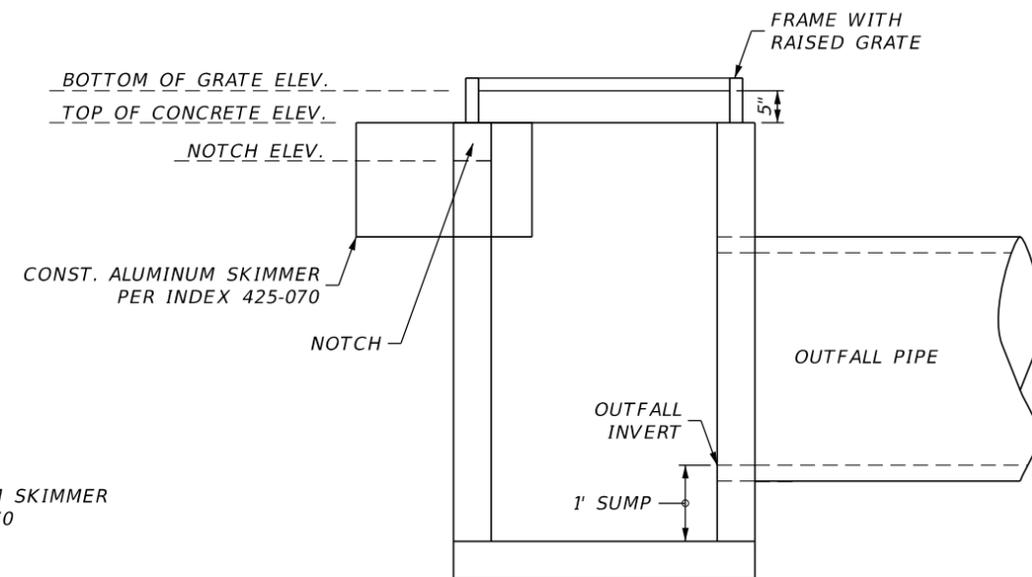
CONST. ALUMINUM SKIMMER  
PER INDEX 425-070

PLAN VIEW  
WITHOUT OPENING



CONST. ALUMINUM SKIMMER  
PER INDEX 425-070

PLAN VIEW  
WITH OPENING



SECTION "A-A"

SUMMARY OF CONTROL STRUCTURES

CONTROL STRUCTURE	NOTCH		OPENING 1		OPENING 2		TOP OF CONCRETE ELEV.	BOTTOM OF RAISED GRATE ELEV.	BOX TYPE	NUMBER OF GRATES	OUTFALL PIPE SIZE (INCHES)		OUTFALL INVERT	COMMENT
	ELEV.	WIDTH (INCHES)	ELEV.	WIDTH (INCHES)	ELEV.	WIDTH (INCHES)					SINGLE	DOUBLE		
CS-403	3.0	11	-	-	-	-	3.32	3.74	H	4	-	36	(-)1.0	
CS-500	3.0	8	-	-	-	-	3.52	3.94	H	4	-	30	0.00	
CS-601	3.0	12	-	-	-	-	3.24	3.66	H	2	36	-	(-)0.5	
CS-602	3.0	8	-	-	-	-	3.17	3.59	H	2	36	-	(-)0.5	
CS-800	3.5	34	-	-	-	-	3.71	4.13	H	4	-	36	(-)1.00	
CS-900	3.5	4	-	-	-	-	3.76	4.18	H	2	30	-	0.00	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

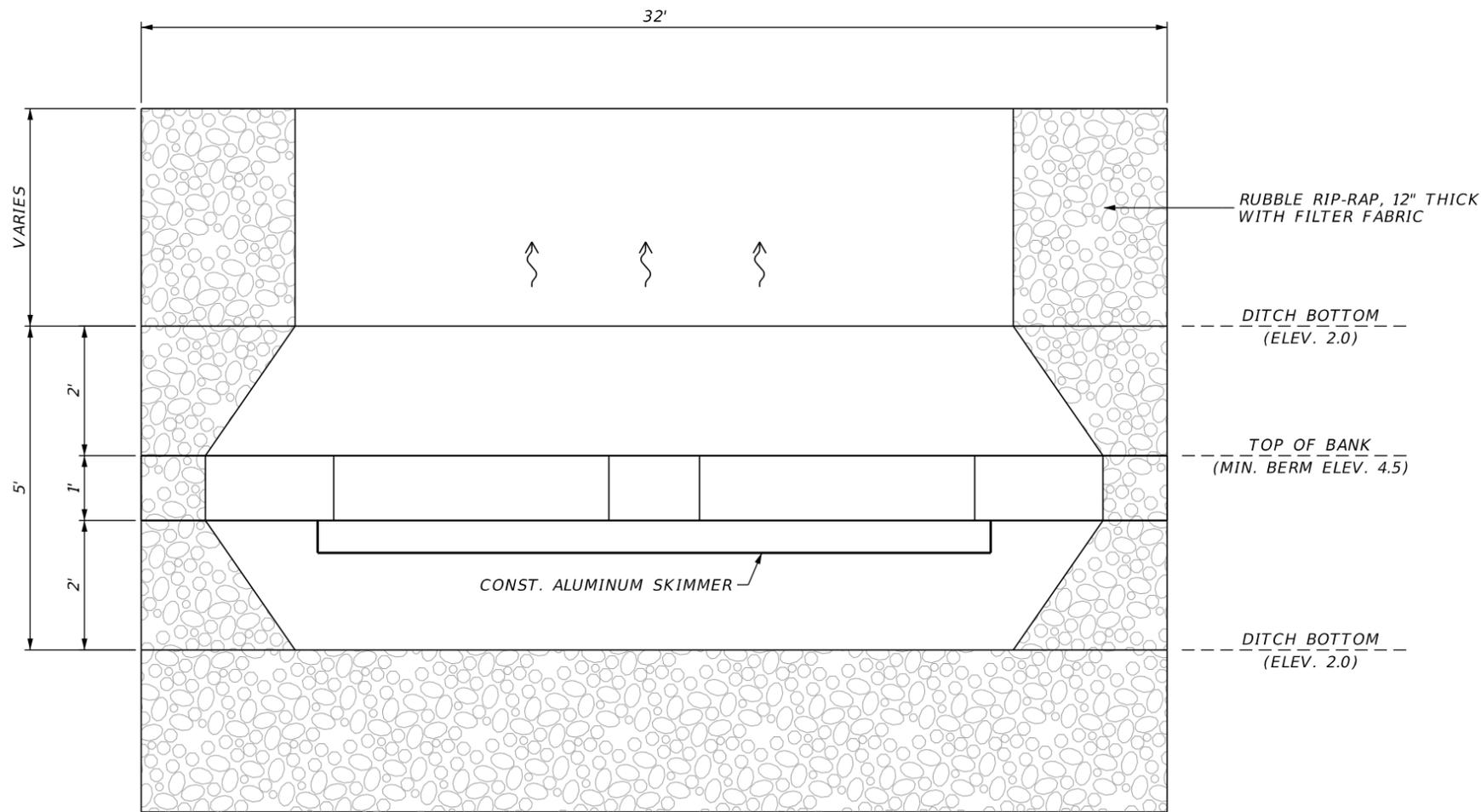
**JOHNSON**  
ENGINEERING  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY  
PUBLIC WORKS DEPARTMENT  
ROAD NO. COUNTY PROJECT ID  
CHARLOTTE 20225022-00R

DRAINAGE DETAILS

SHEET NO.  
91

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**POND 700**

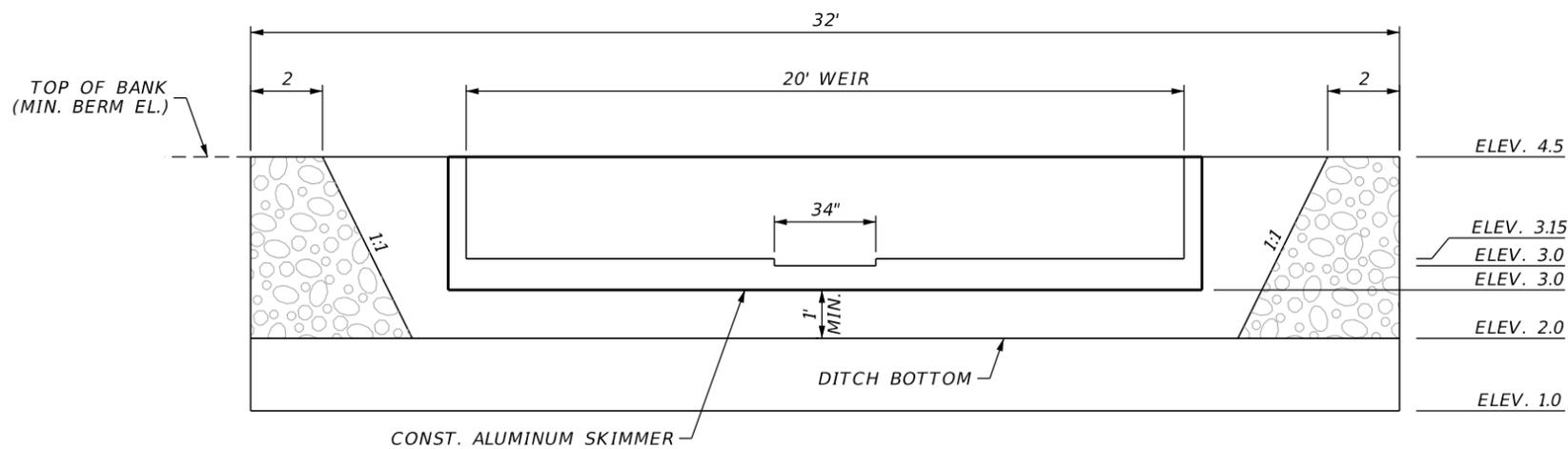
25 YEAR/24 HOUR PEAK STAGE (FT-NAVD) = 4.0  
 MINIMUM BERM ELEVATION (FT-NAVD) = 4.5  
 OVERFLOW WEIR - 3.1 (WEIR CREST @ TREATMENT ELEVATION)  
 WEIR WIDTH = 20'

RUBBLE RIP-RAP, 12" THICK  
 WITH FILTER FABRIC

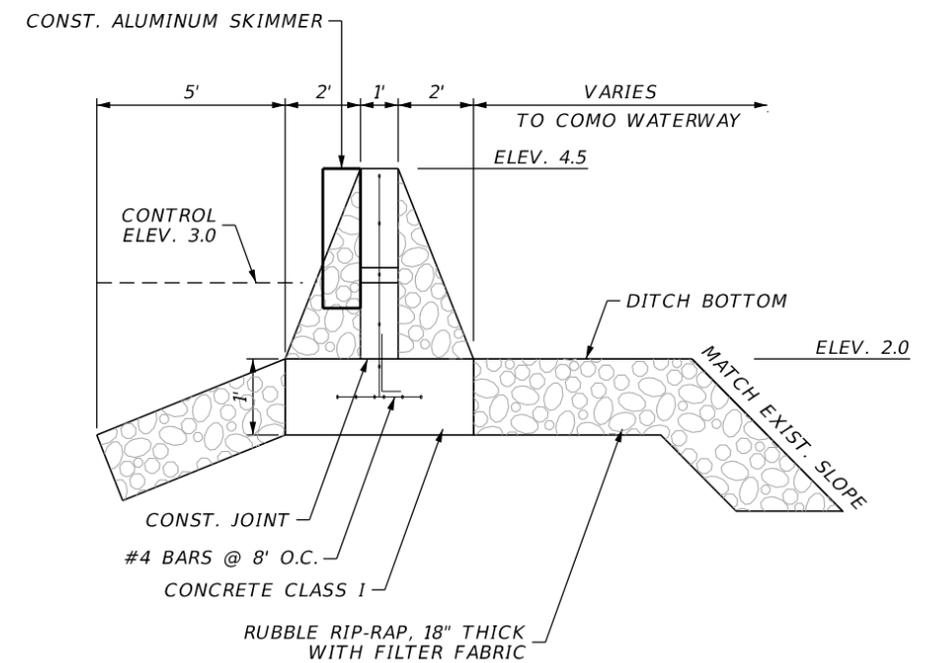
DITCH BOTTOM  
 (ELEV. 2.0)

TOP OF BANK  
 (MIN. BERM ELEV. 4.5)

DITCH BOTTOM  
 (ELEV. 2.0)



**CS-700 WEIR DETAIL**  
 NOT TO SCALE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

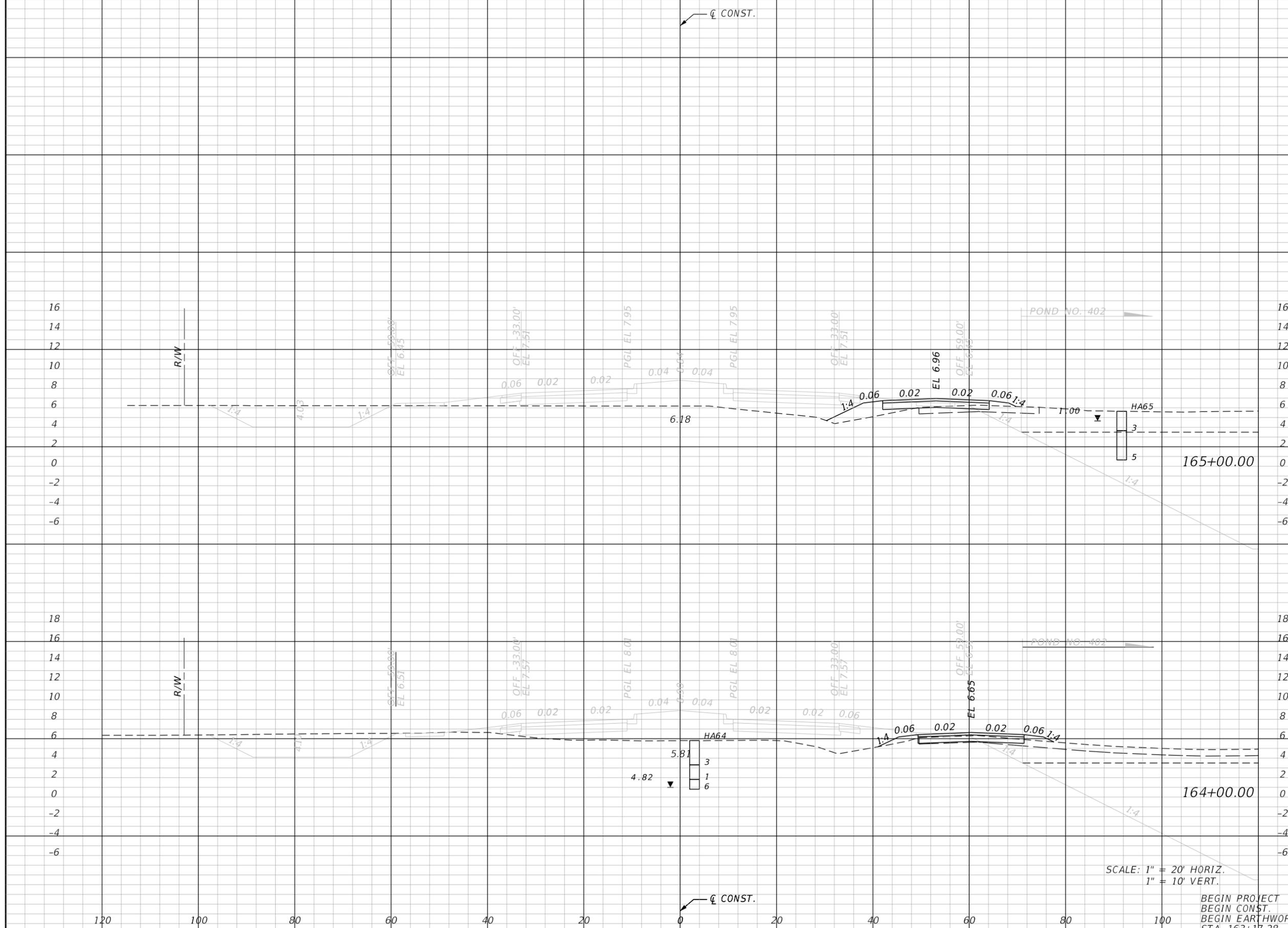
**JOHNSON**  
 ENGINEERING  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRAINAGE DETAILS**

SHEET NO.

92



Regular		Exc.		Embankment	
A	V	A	V	A	V
3.3				17.2	
	29				42
12.2				5.7	
	56				18
12.2				5.7	

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

BEGIN PROJECT  
BEGIN CONST.  
BEGIN EARTHWORK  
STA. 163+17.28

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

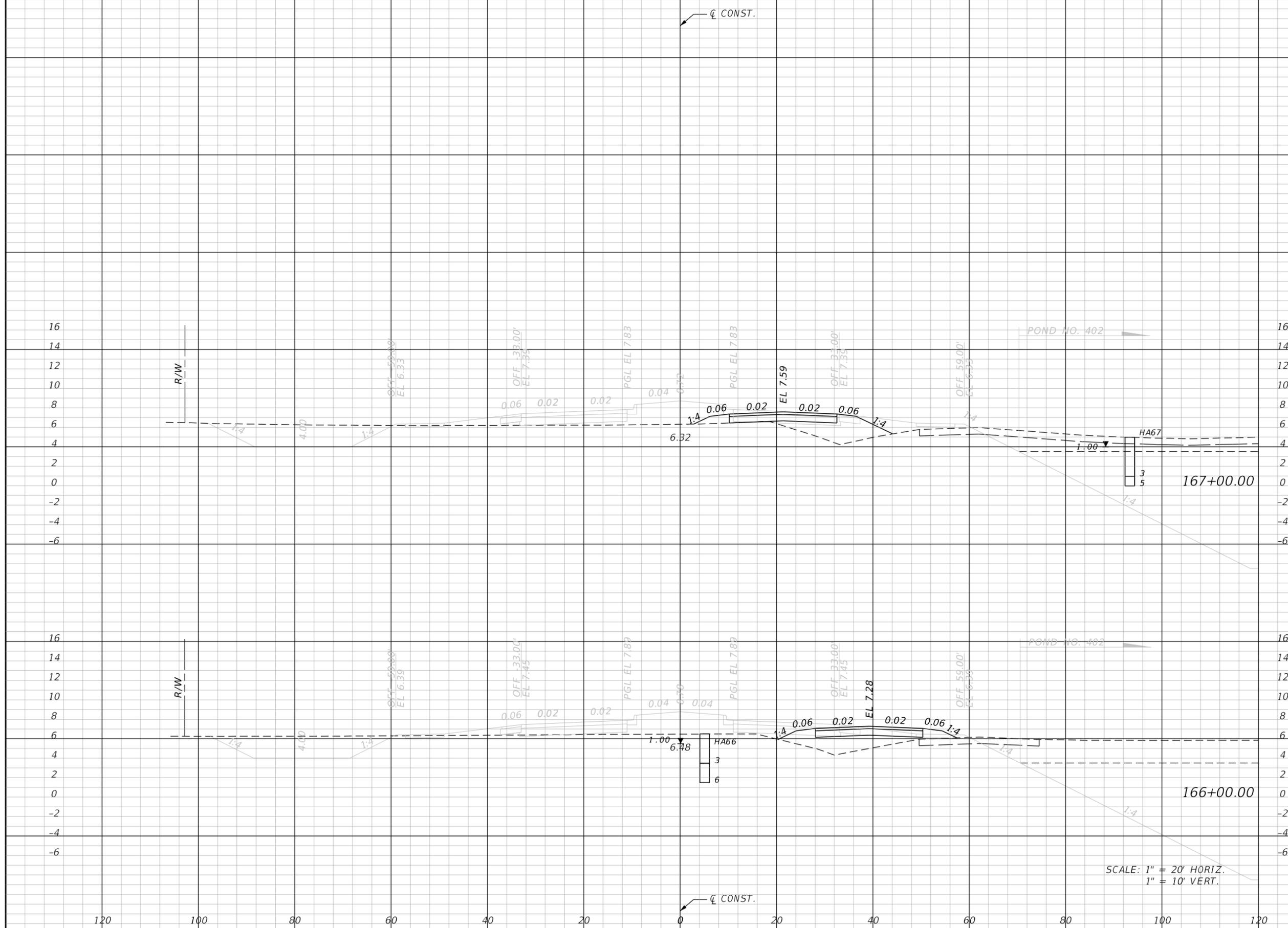
**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.
93

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0				40.6	
	0				150
			6	40.3	
					106

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

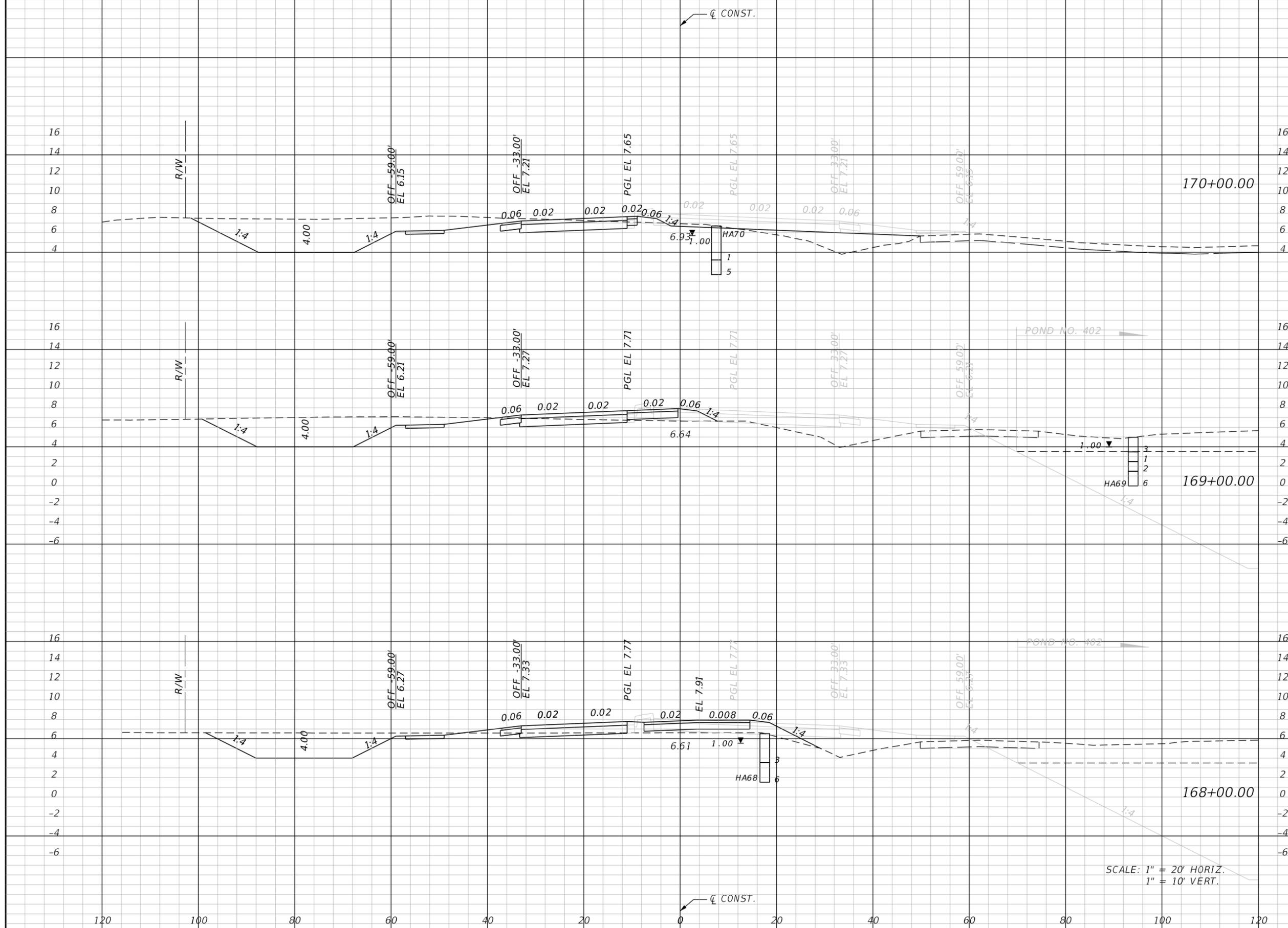
**CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT**

ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**94**

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
170+00.00	174.1	553	40.0	91		
169+00.00	124.3	399	9.0	62		
168+00.00	91.2	169	24.6	121		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

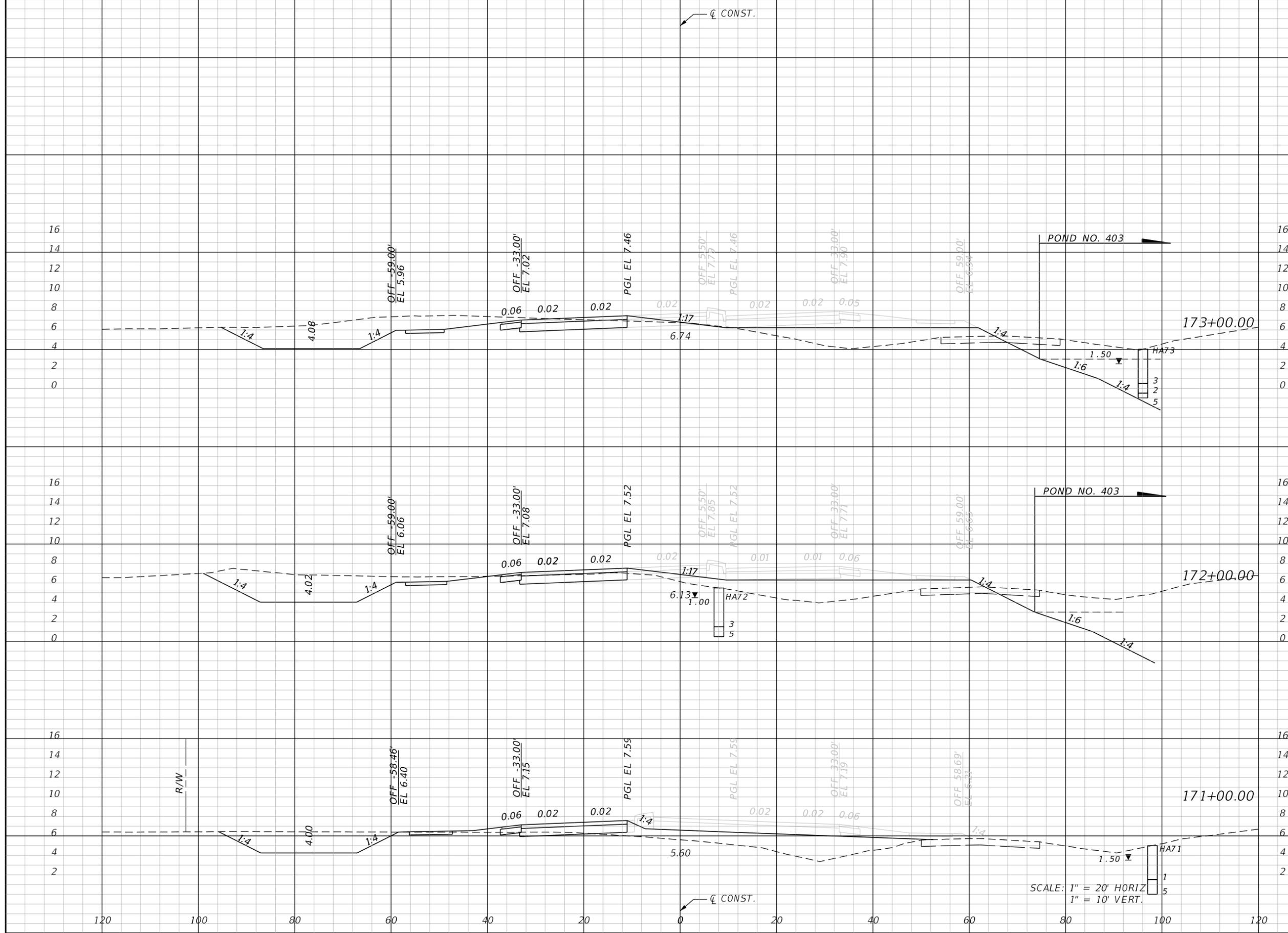
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

**CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT**  
 ROAD NO. COUNTY PROJECT ID  
 CHARLOTTE 20225022-00R

**CROSS SECTIONS**  
 SHEET NO. **95**

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

Regular		Exc.		Embankment	
A	V	A	V	A	V
134.6			70.1		
	476				301
122.5			92.7		
	355				340
69.4			90.8		
	451				242



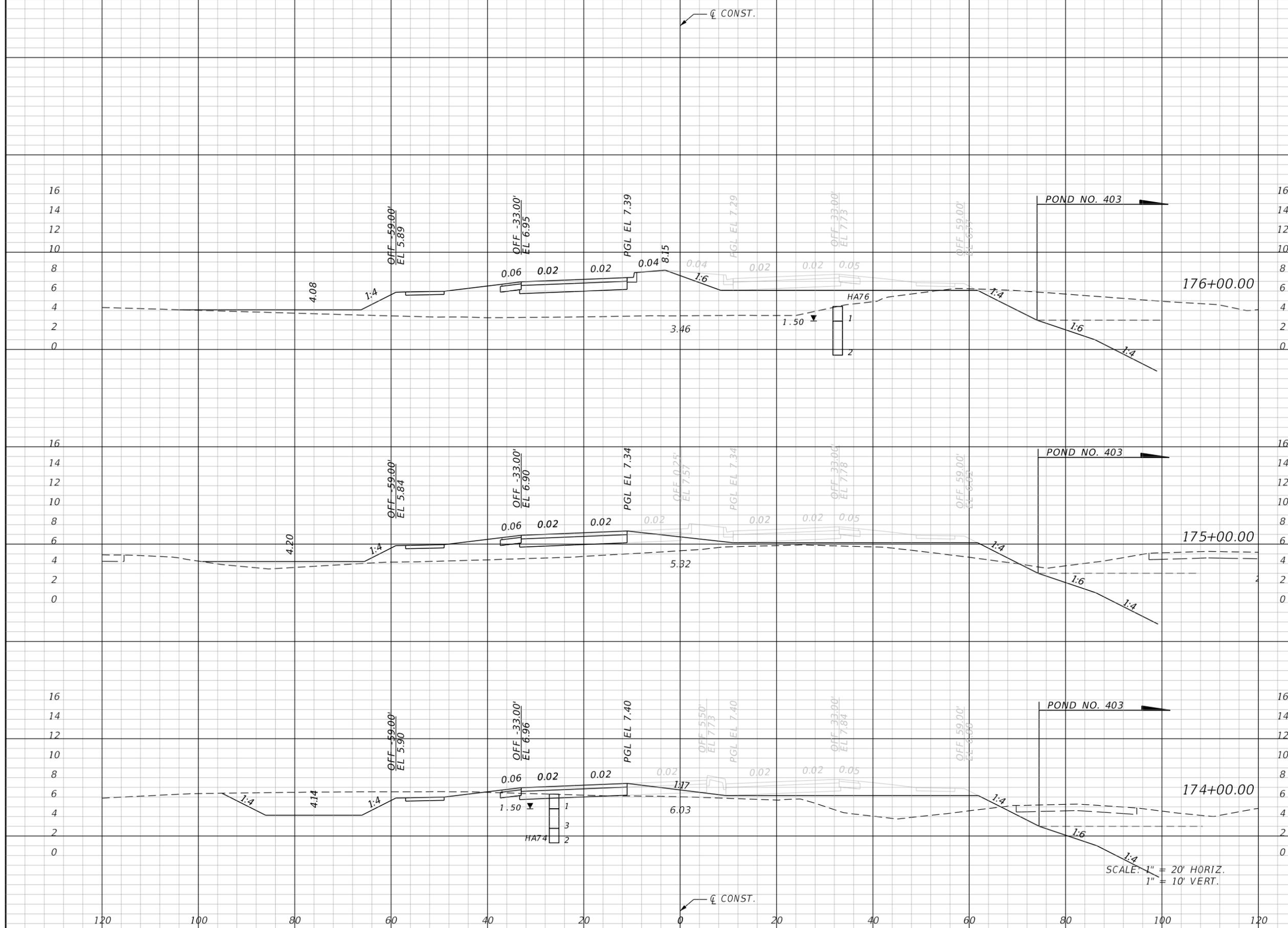
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**  
 SHEET NO. **96**

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
4.2				300.3	
	8				847
0.0				157.1	
	161				459
87.2				90.8	
	411				298

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

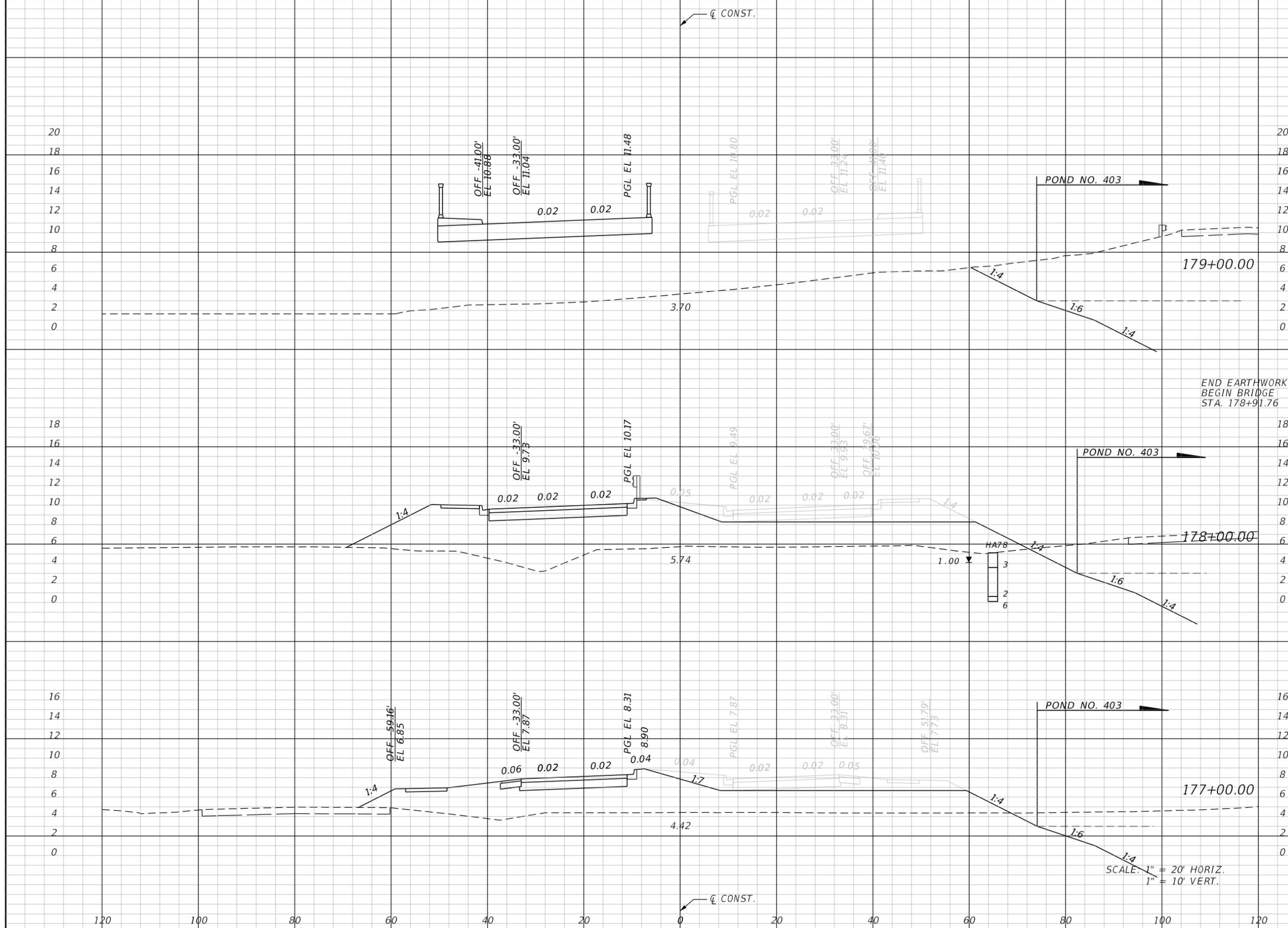
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **97**

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.9			455.7		
0.9	3		455.7		1549
	2				1454
0.0			329.2		
	8				1166

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

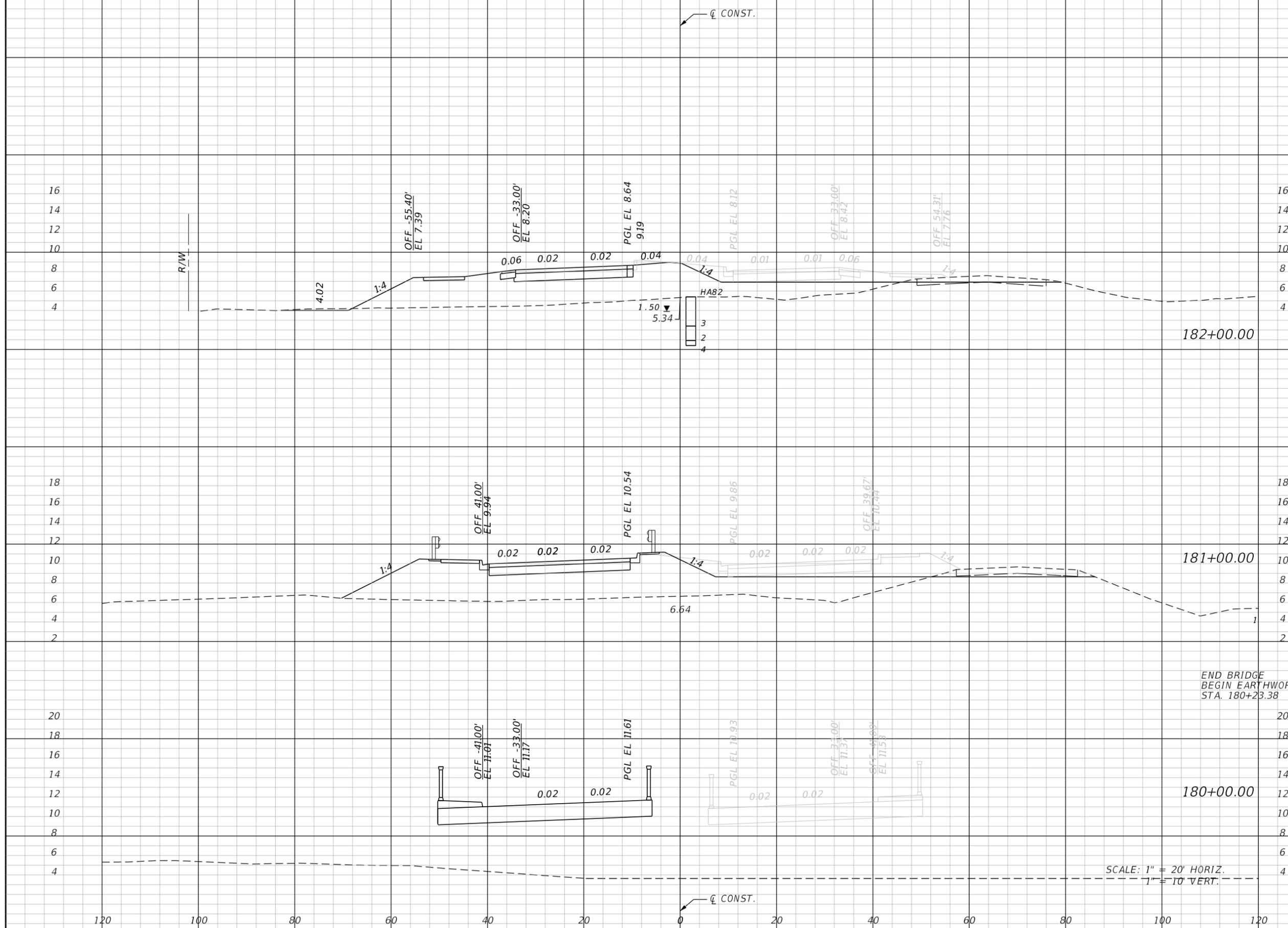
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**98**

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
182+00.00	16.0				248.7	
181+00.00	25.4			77	314.0	1042
180+00.00	25.4		72		314.0	891

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

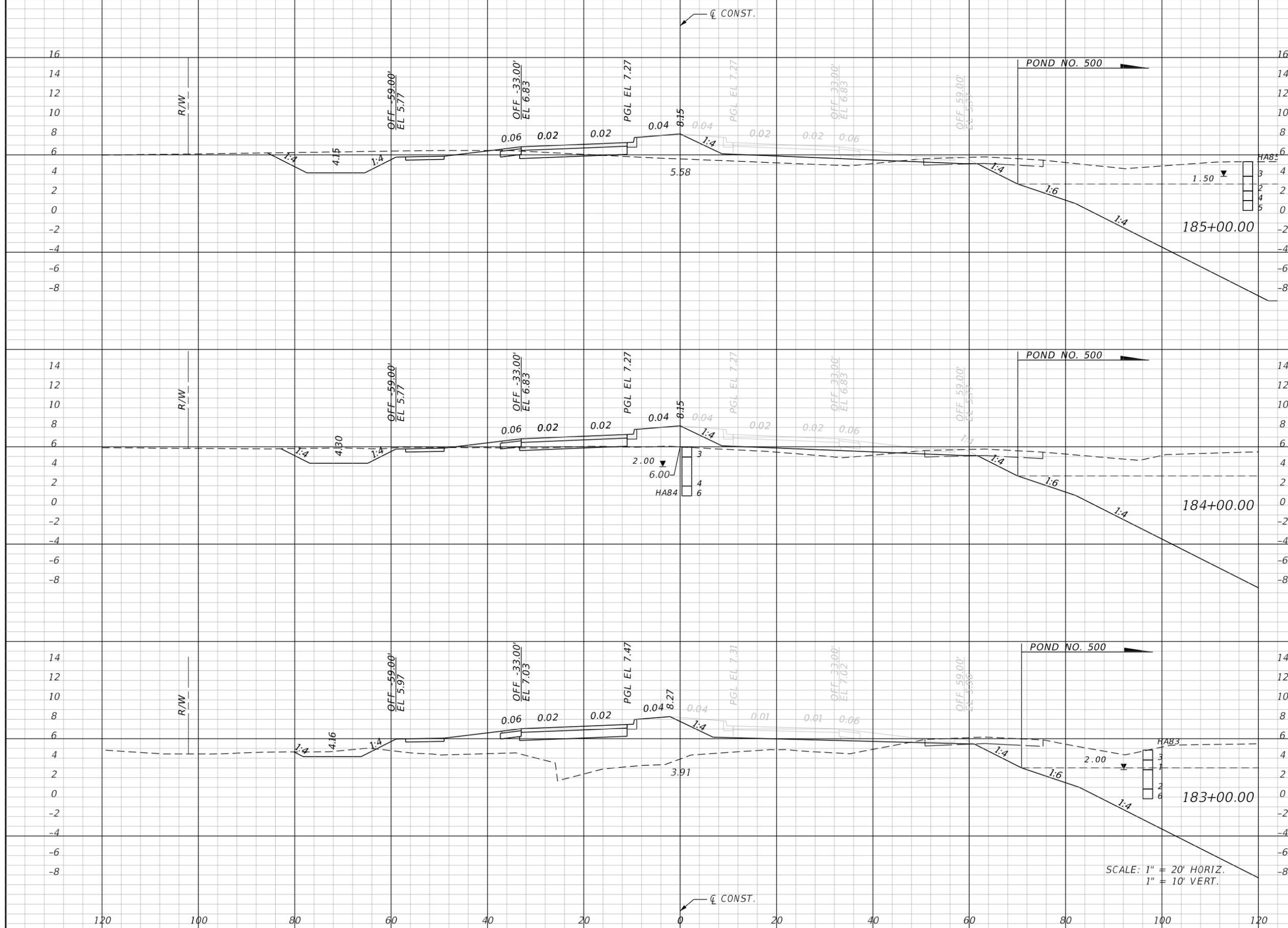
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**99**

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



	Regular		Exc.		Embankment	
	A	V	A	V	A	V
185+00.00	70.5				59.6	
184+00.00	41.6				50.4	
183+00.00	15.8				225.1	
TOTAL		208				204
				59		877

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

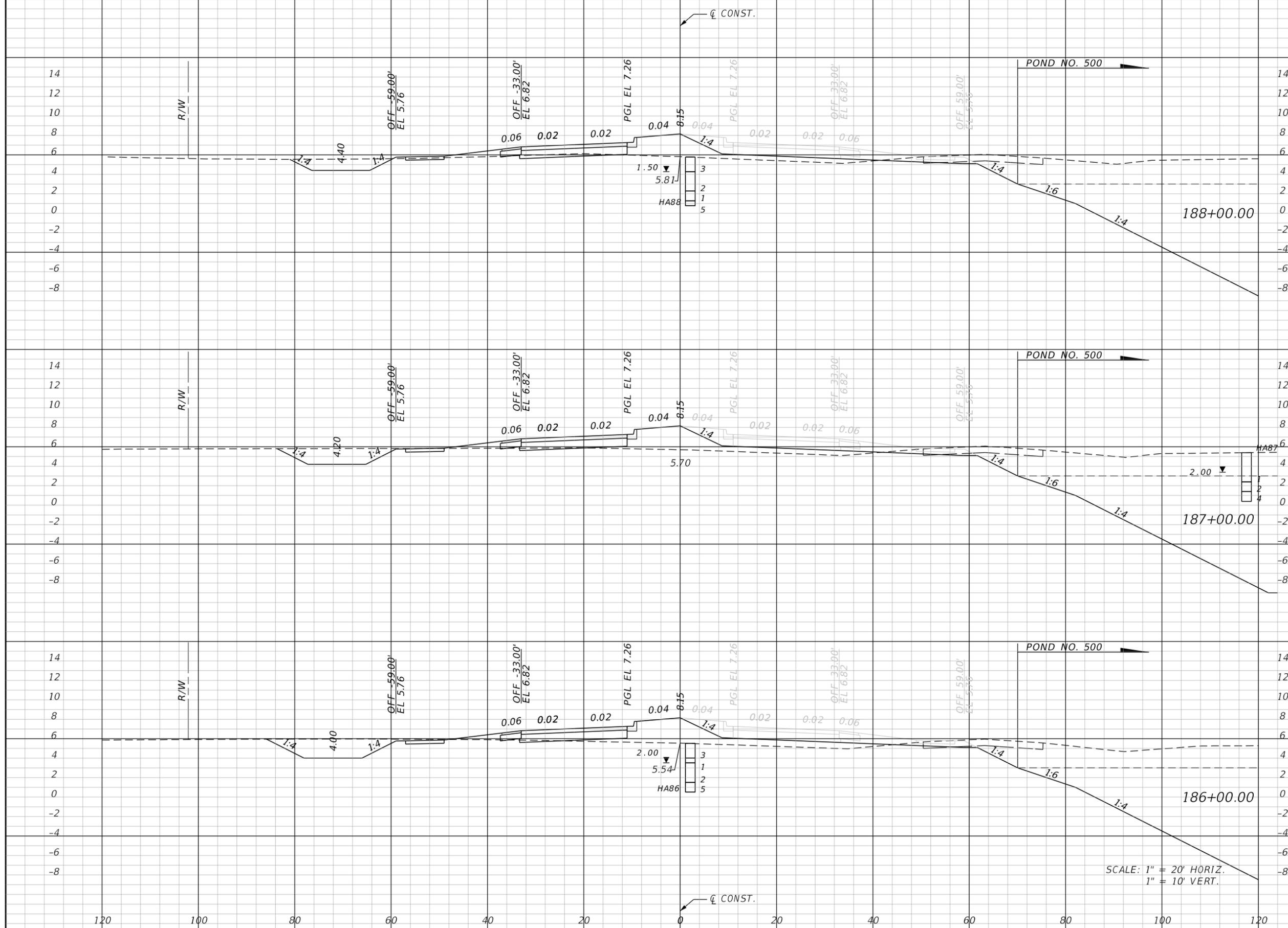
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **100**

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
188+00.00	36.3				51.9	
187+00.00	45.0				55.8	
186+00.00	52.7				64.8	
			228			230
		151				199

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

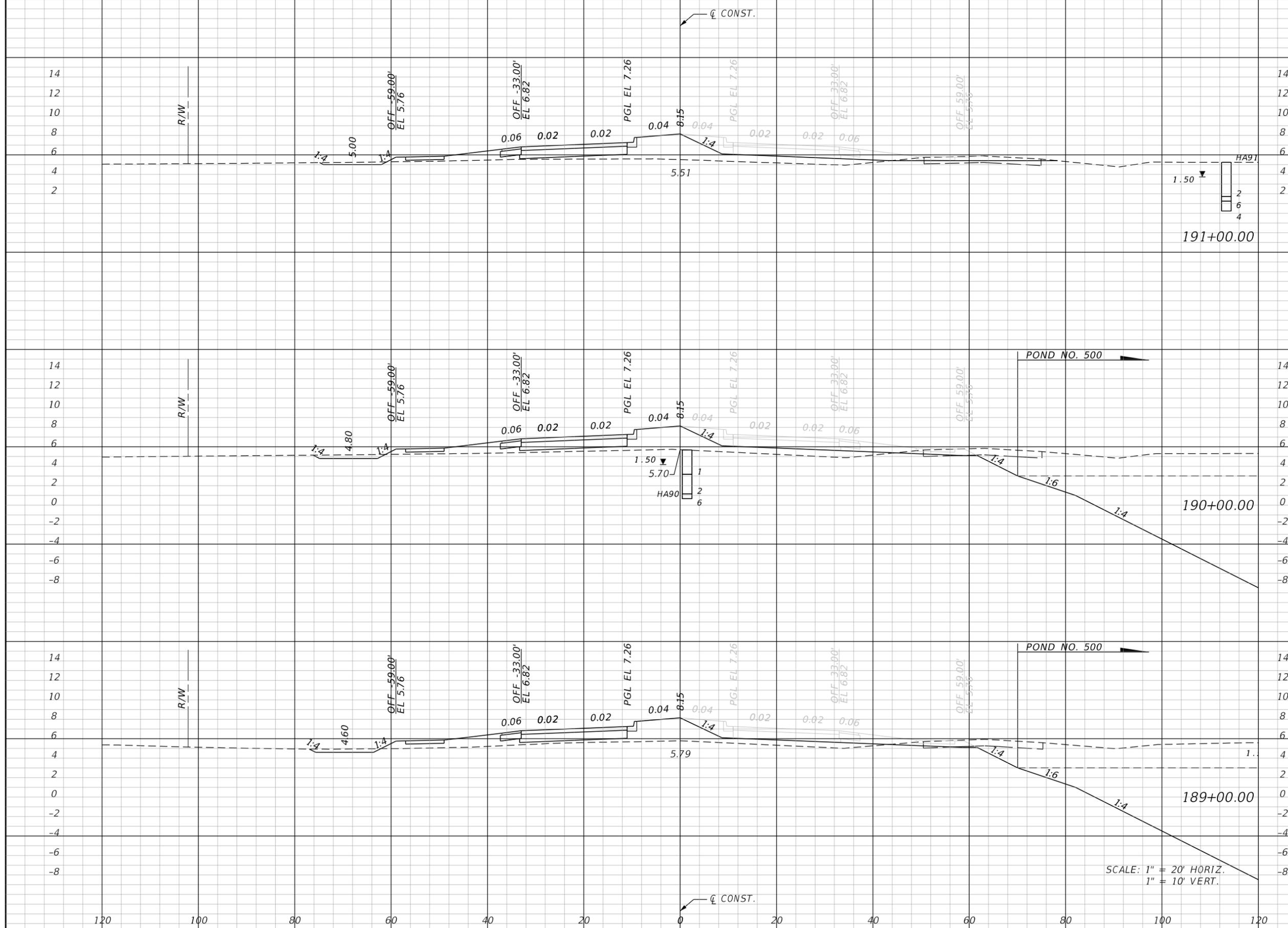
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **101**

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
13.5			49	78.6	293
12.8			49	79.6	292
13.5			92	78.2	241

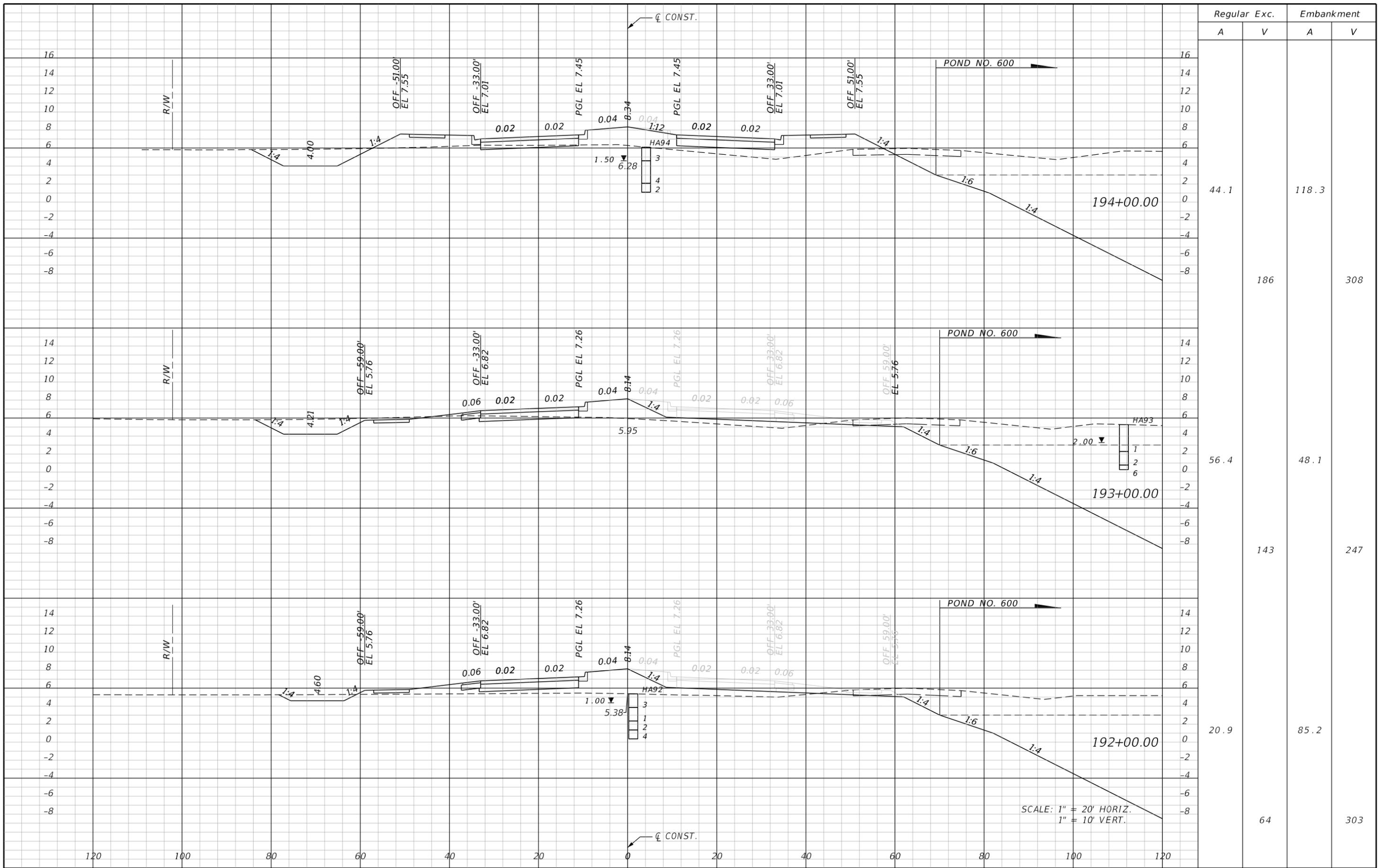
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**  
 SHEET NO. **102**

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



	Regular		Exc.		Embankment	
	A	V	A	V	A	V
194+00.00	44.1				118.3	
193+00.00	56.4				48.1	
192+00.00	20.9				85.2	
		186		64		303
					308	

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

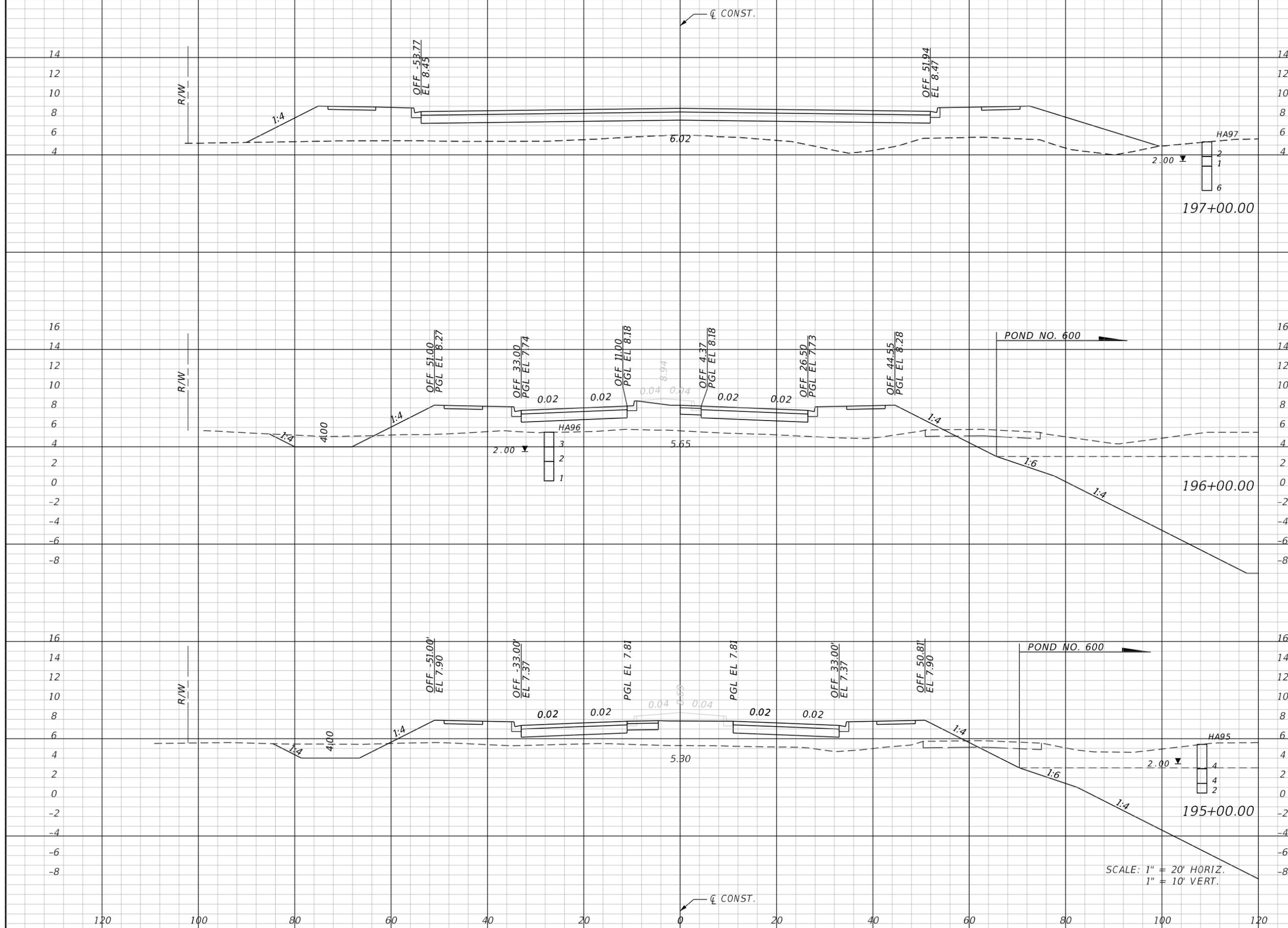
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**103**

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



Station	Regular Exc.		Embankment	
	A	V	A	V
197+00.00	0.0		432.2	
196+00.00	20.0	37	224.9	1217
195+00.00	27.1	87	200.8	788
TOTAL		132		591

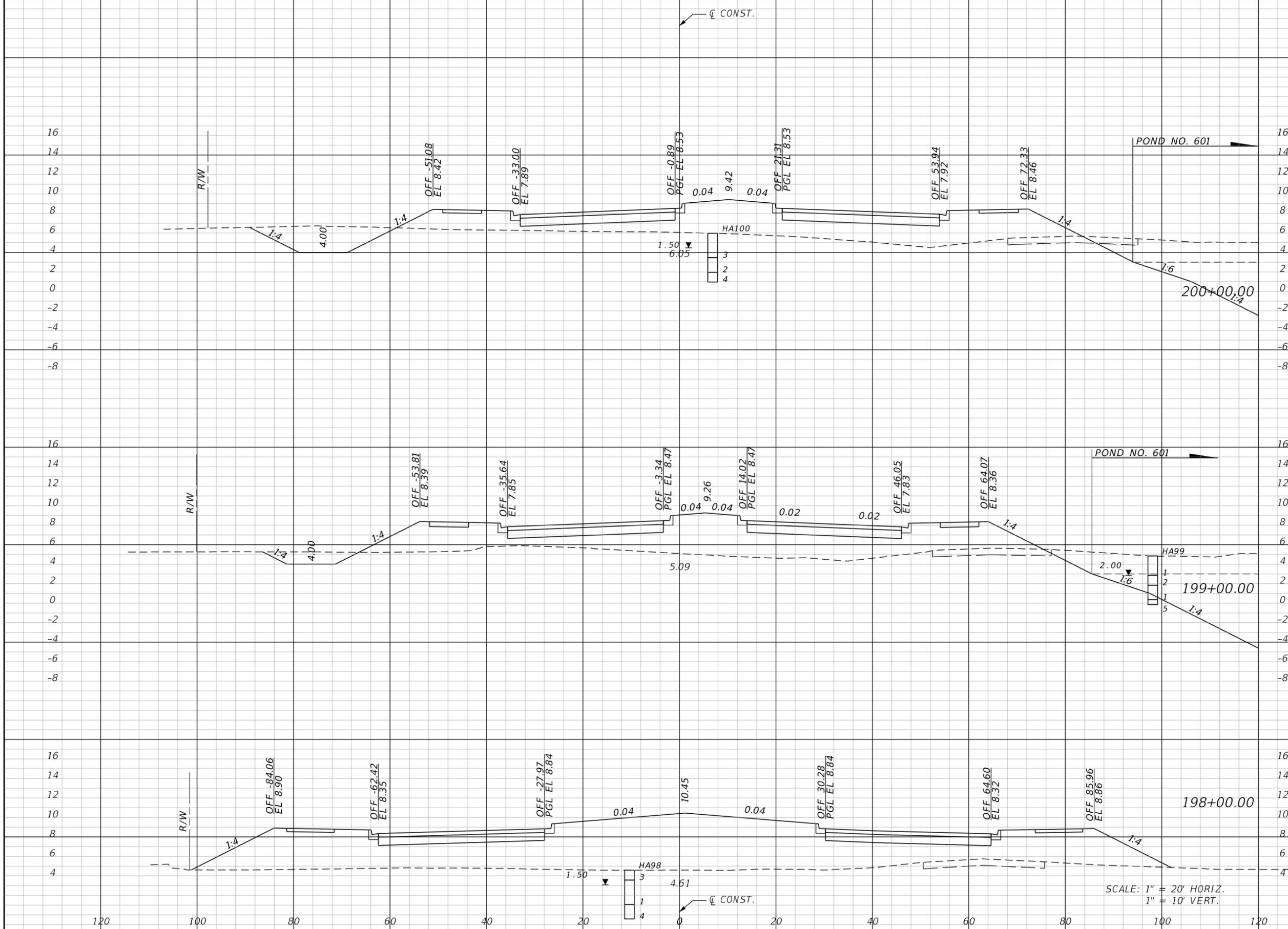
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**  
 SHEET NO. **104**

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
198+00.00	0.0				680.5	2061
199+00.00	19.8				312.2	1838
200+00.00	55.5		139		269.1	1076

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

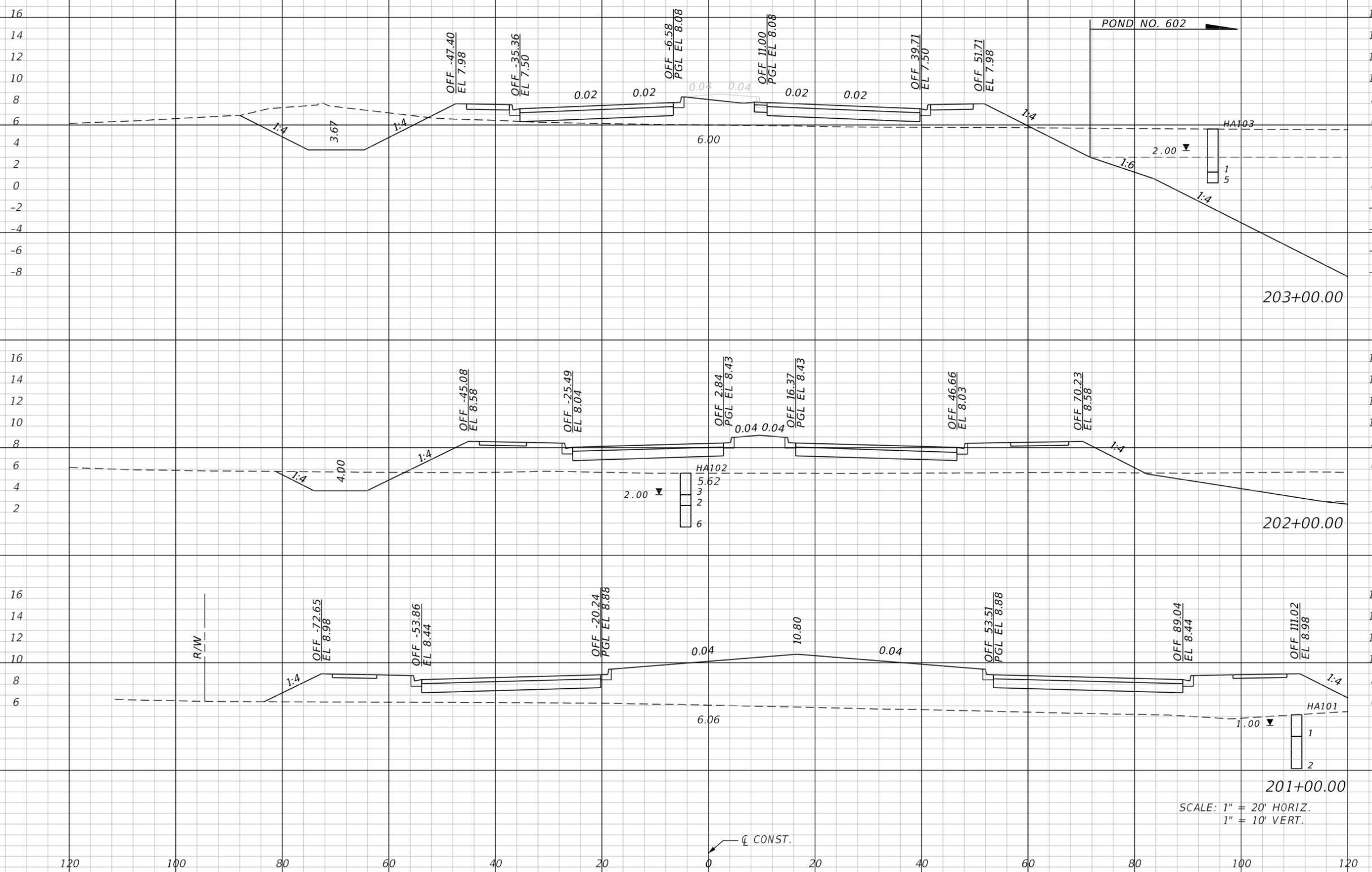
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **105**

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

Regular		Exc.		Embankment	
A	V	A	V	A	V



94.7		115.5			
29.7		266.8	230		708
0.2	55	1576			
	103	1580			

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

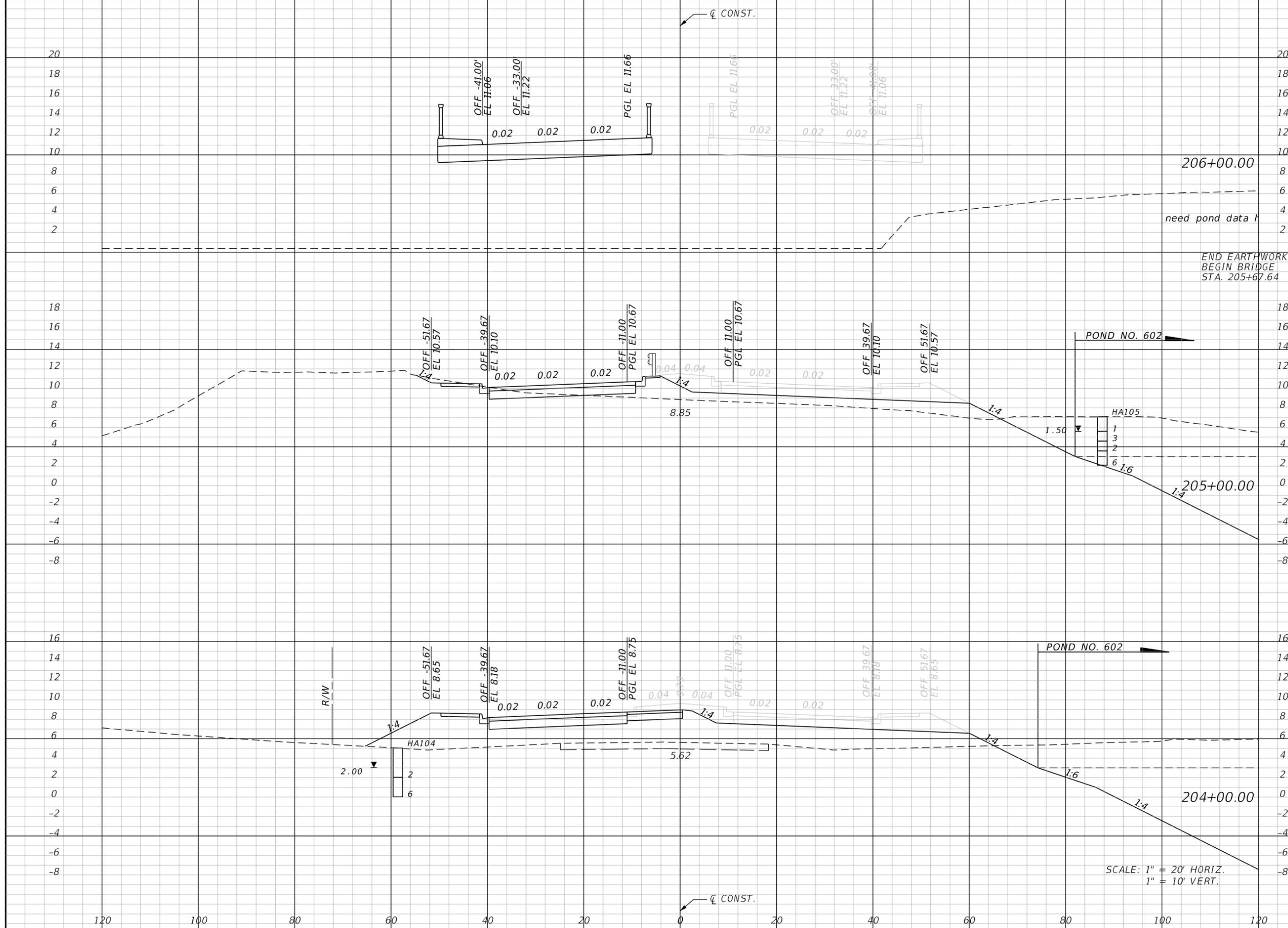
**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.
106

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
27.1				82.2	
	68			206	
27.1				82.2	
	51			647	
0.7				267.4	
	177			709	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

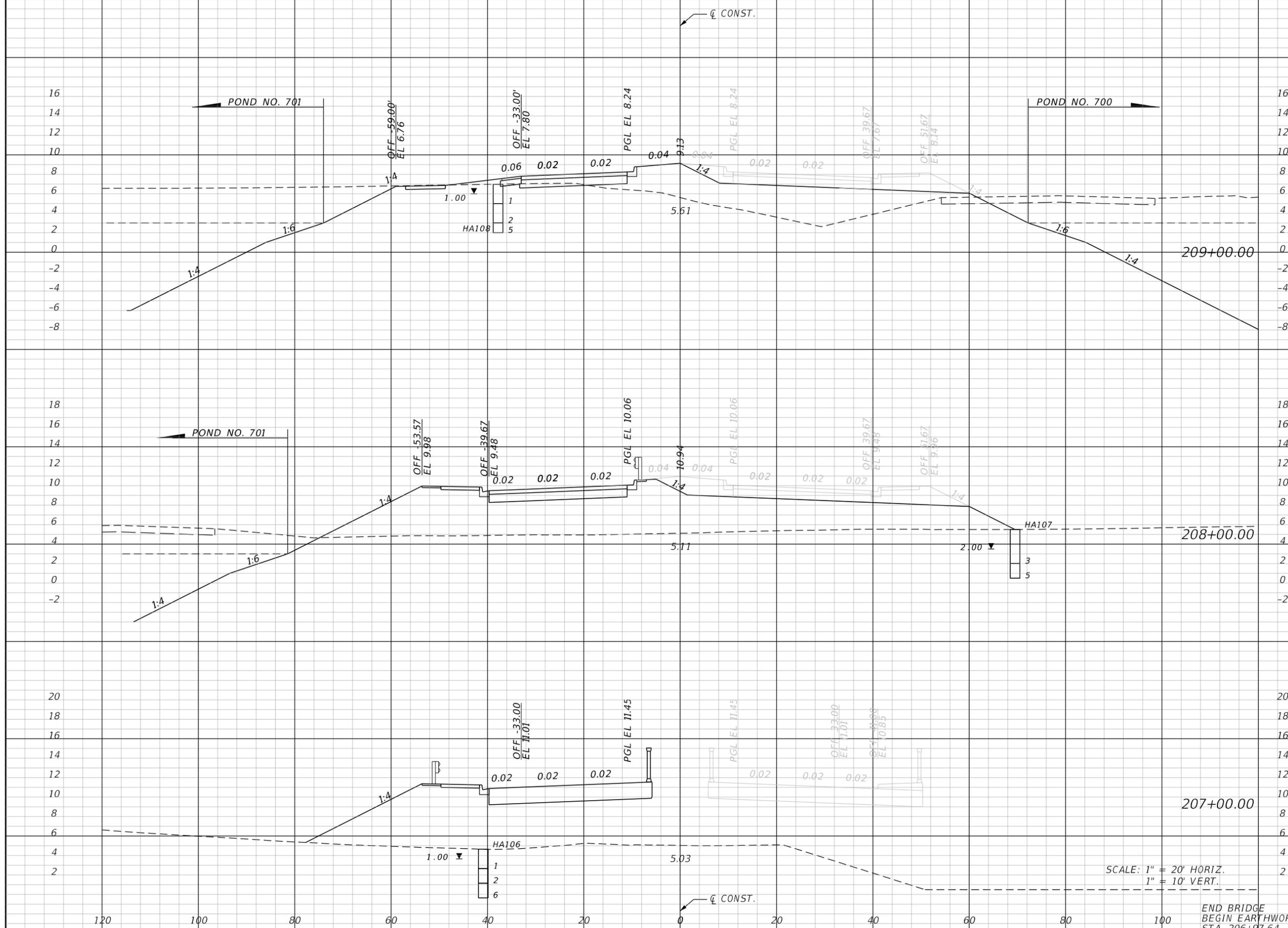
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

CROSS SECTIONS

SHEET NO. 107

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
21.4				186.7	
	40				1223
0.0				473.9	
	0				1184
0.0				165.6	
	0				15
0.0				165.6	

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

END BRIDGE  
BEGIN EARTHWORK  
STA. 206+97.64

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

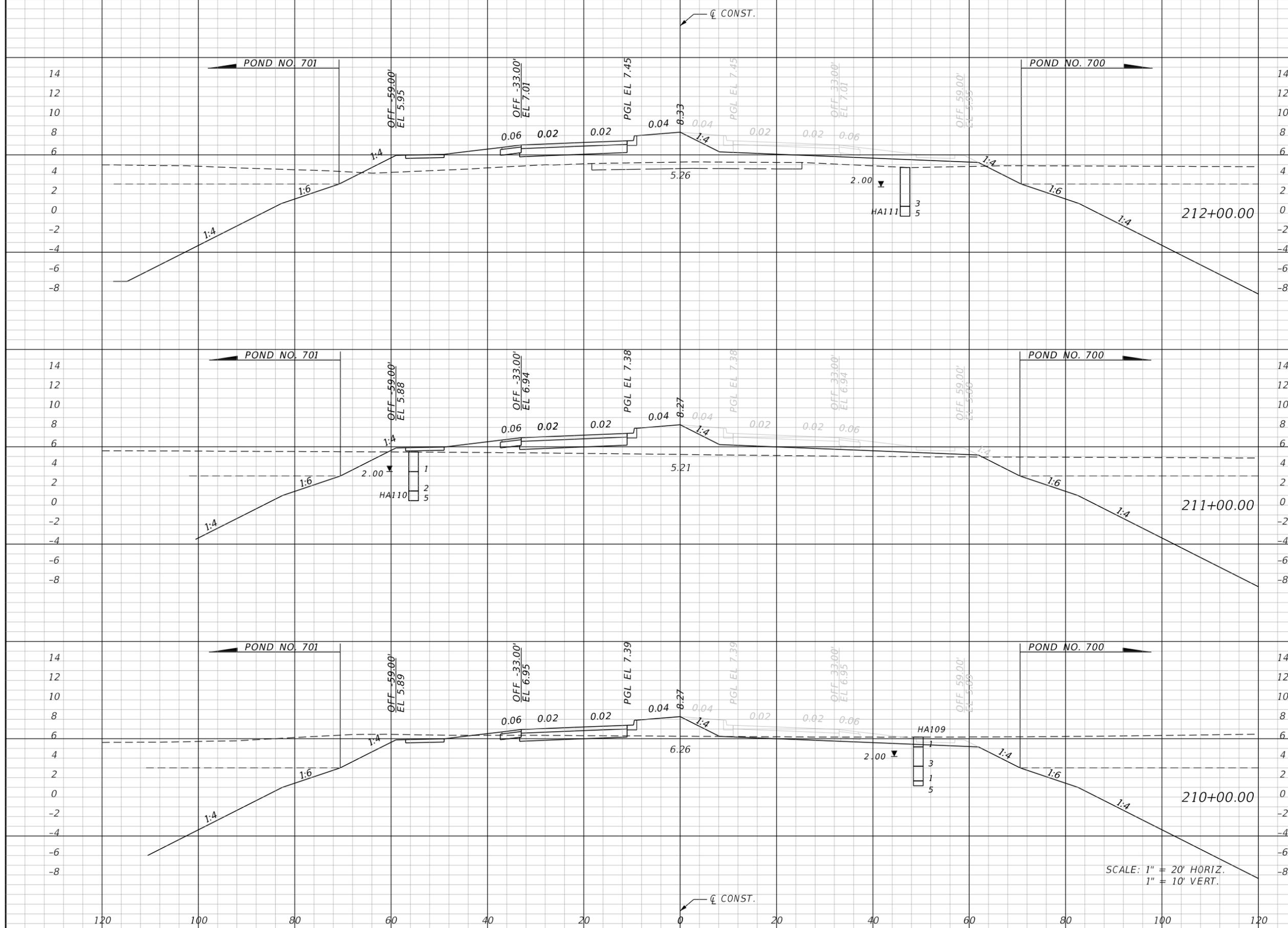
**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.
108

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
212+00.00	0.2				156.8	
211+00.00	2.3				110.4	
210+00.00	54.9				26.8	
TOTAL		5			495	

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

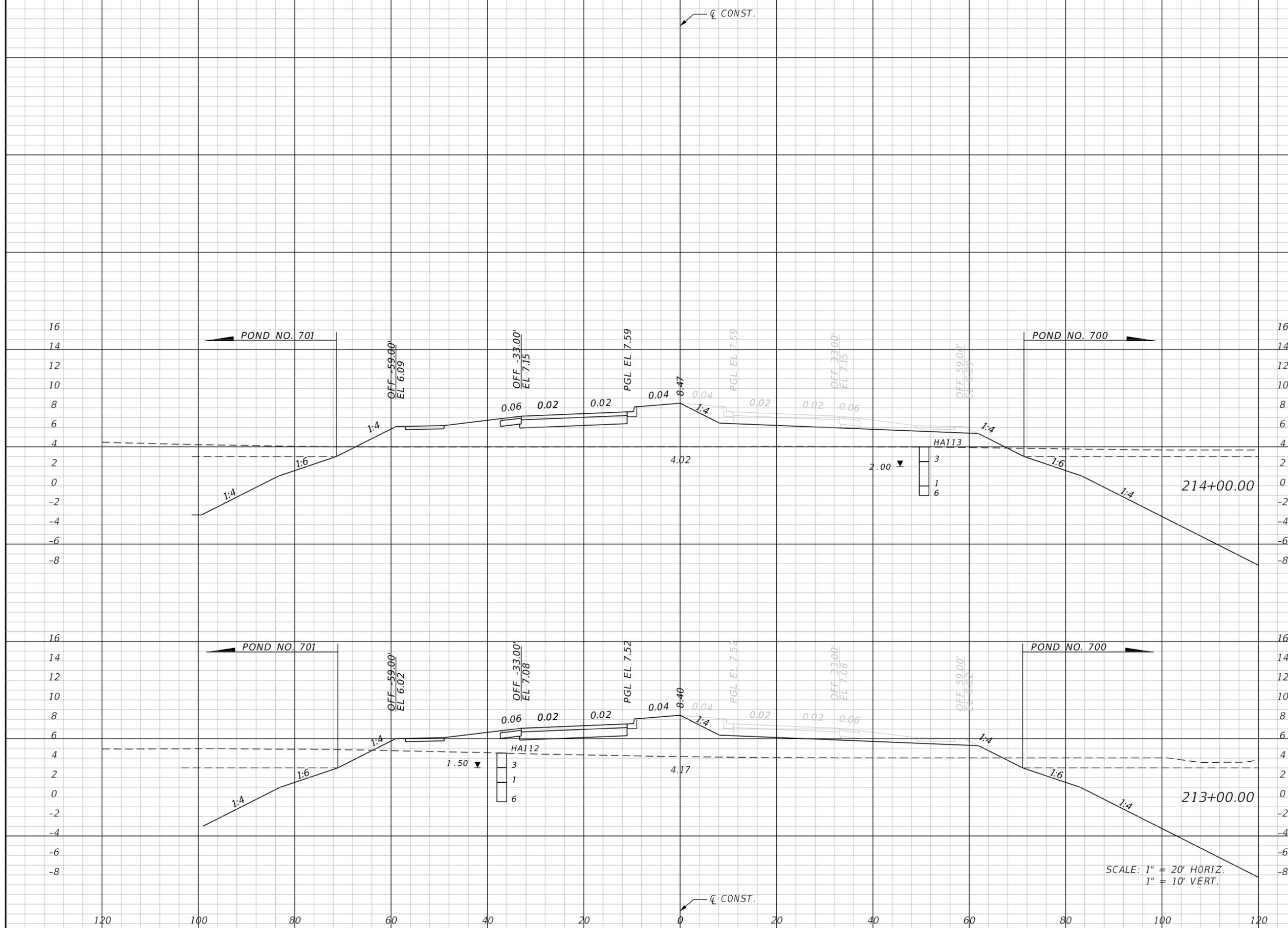
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **109**

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0				292.5	
	0				1000
0.2				247.4	
	1				749

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

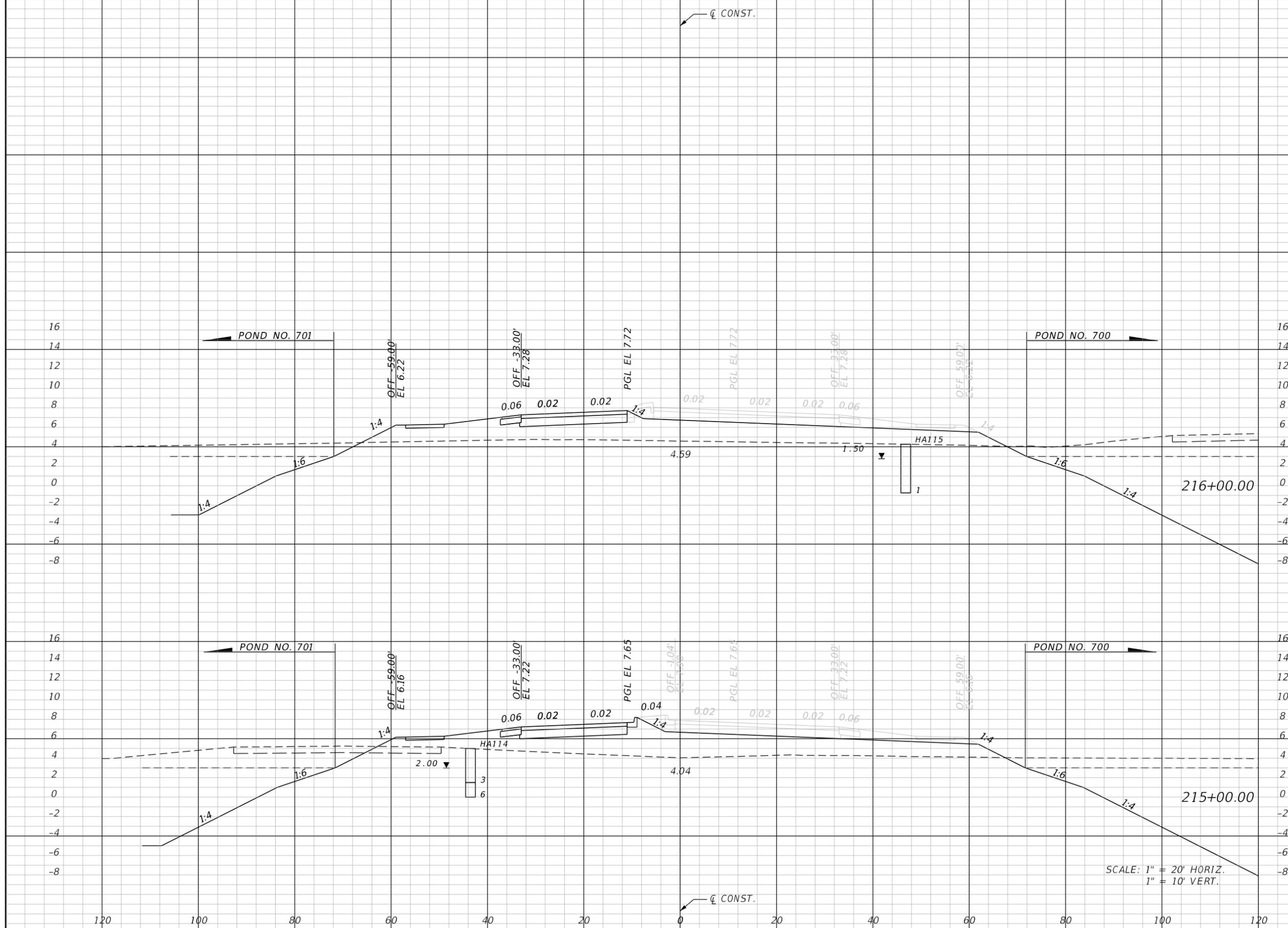
**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.
110

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0				223.4	
	2				829
1.0				224.5	
	2				957

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

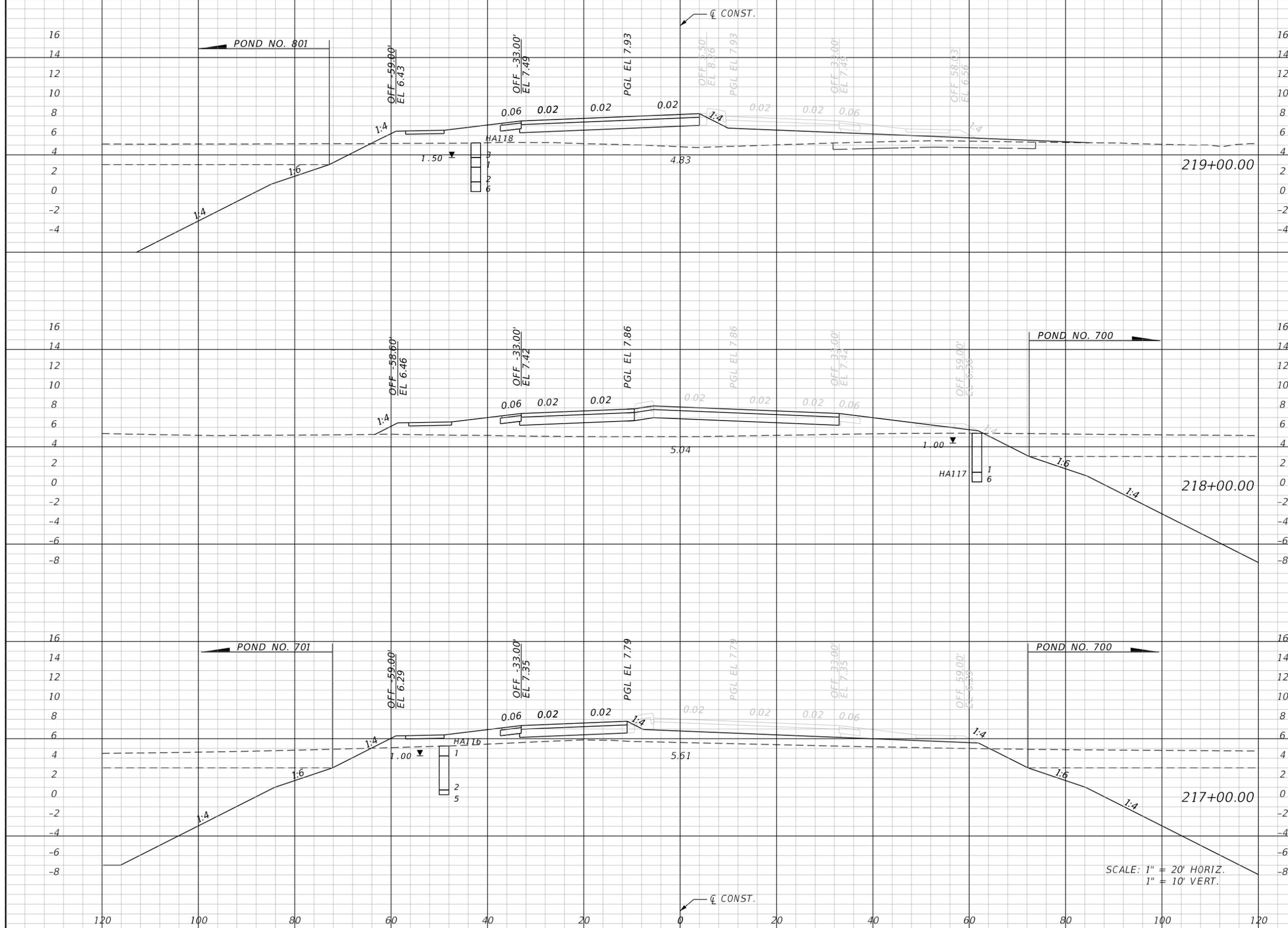
CHARLOTTE COUNTY  
PUBLIC WORKS DEPARTMENT

ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**111**

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0				168.5	
	3				621
1.5				167.1	
	4				526
0.9				116.7	
	2				630

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

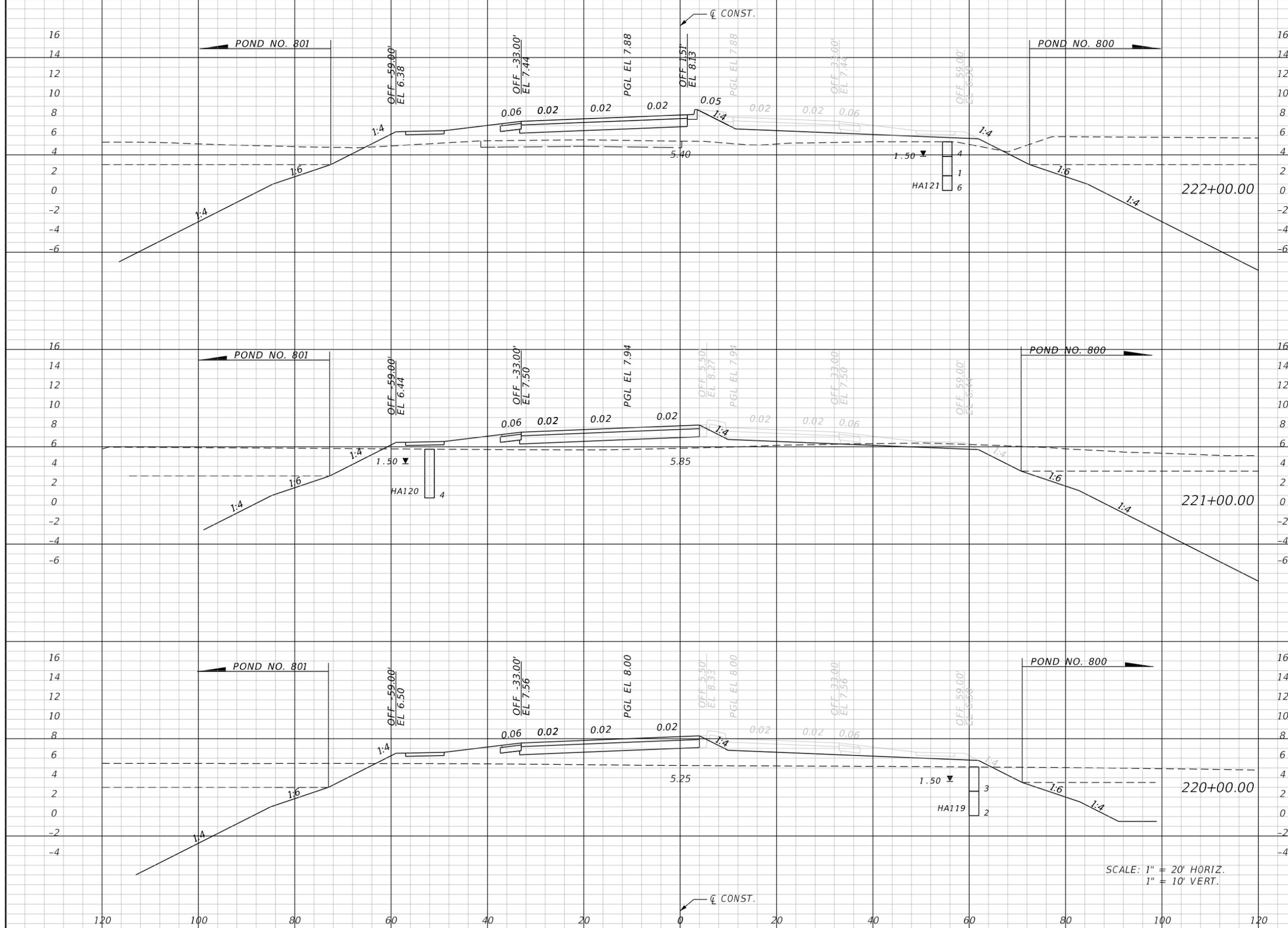
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

CROSS SECTIONS

SHEET NO. 112

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



Regular Exc.		Embankment	
A	V	A	V
0.0	20	144.8	407
10.9	20	75.0	434
0.0	0	159.1	607

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

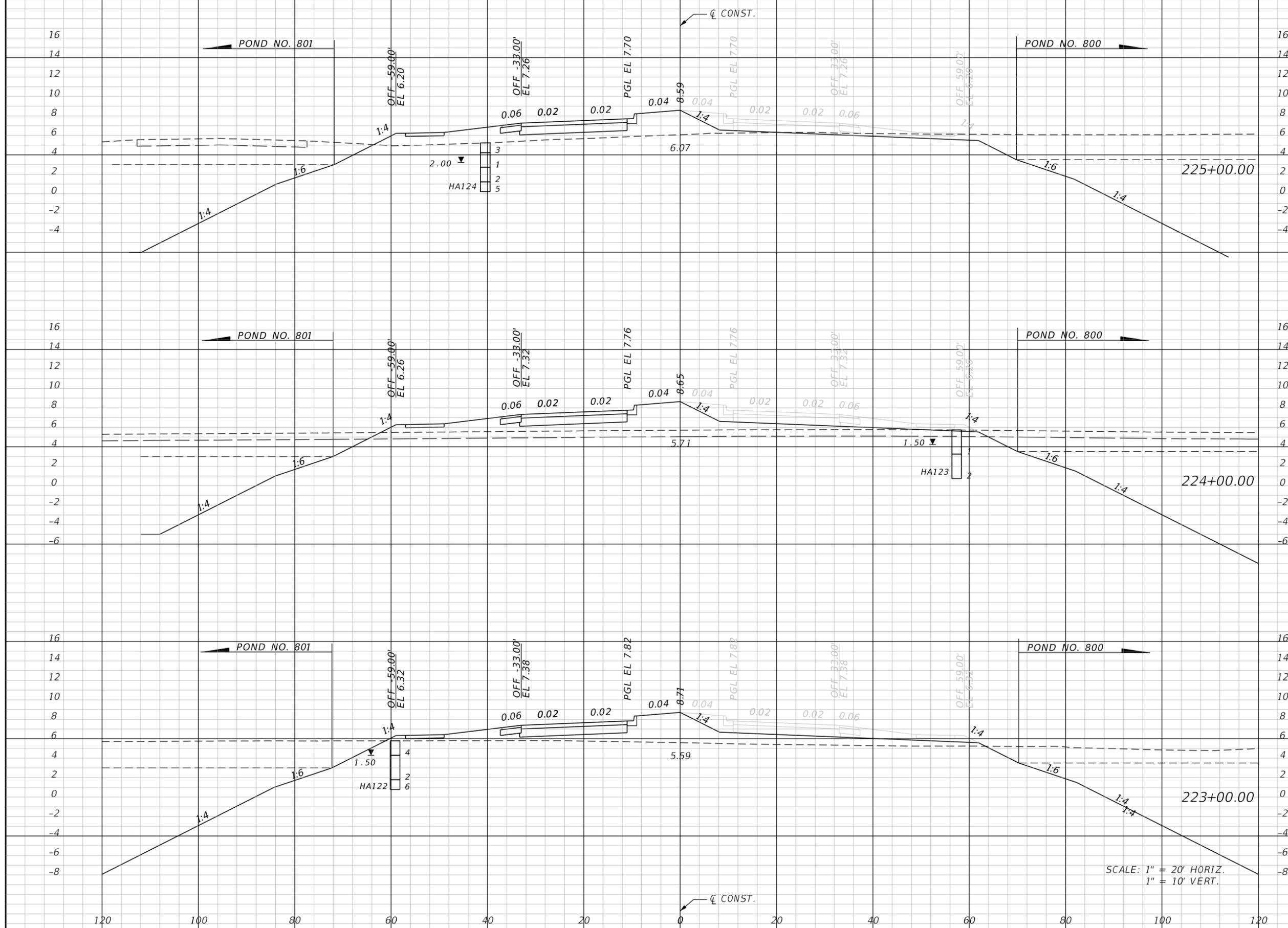
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.
113

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
13.8			28	85.9	346
1.4			3	101.2	412
0.2			0	121.3	493

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

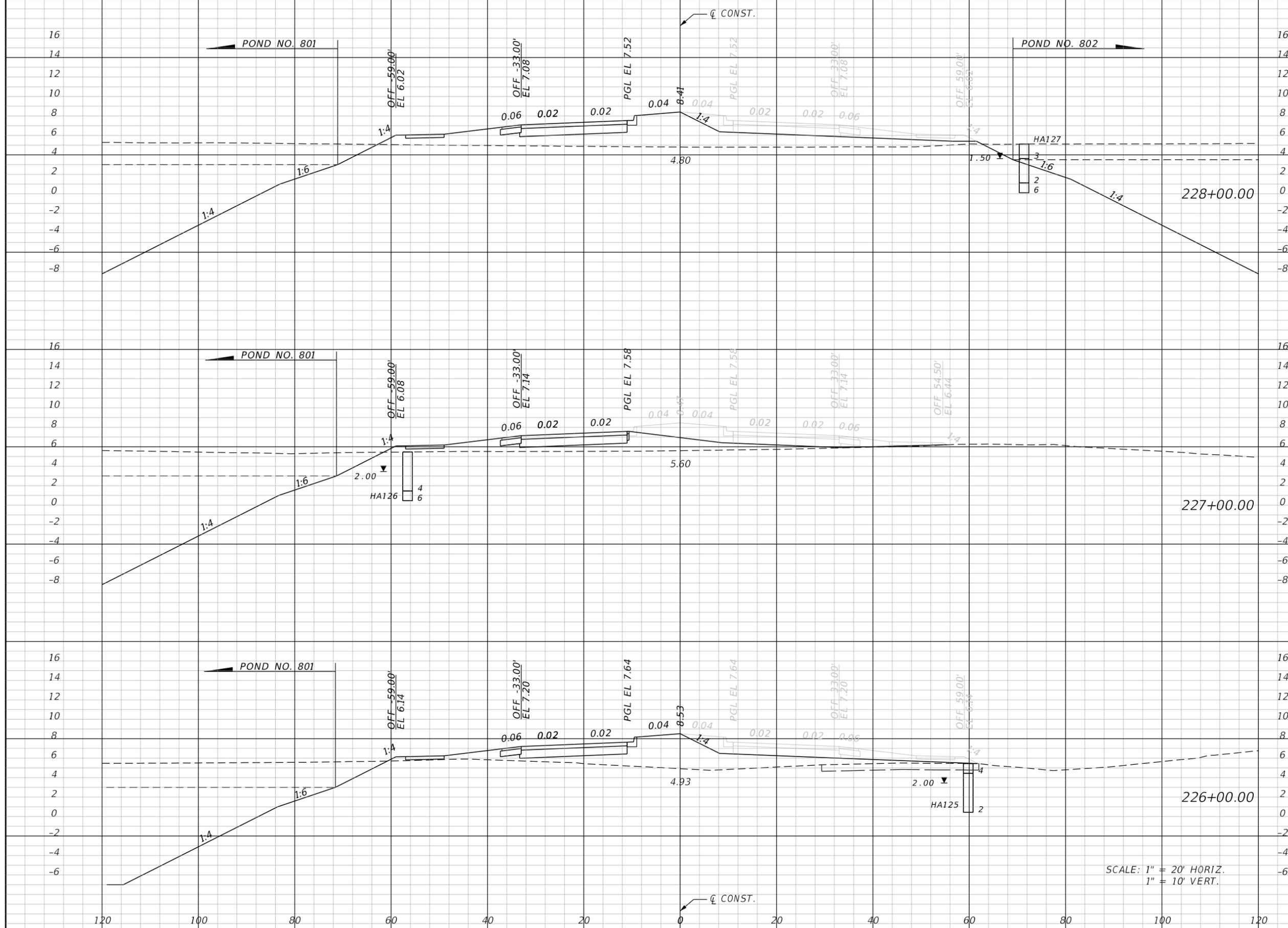
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**114**

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



Station	Regular Exc.		Embankment	
	A	V	A	V
228+00.00	0.0		167.8	
227+00.00	0.0		72.1	
226+00.00	0.1		119.7	
		26		381

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

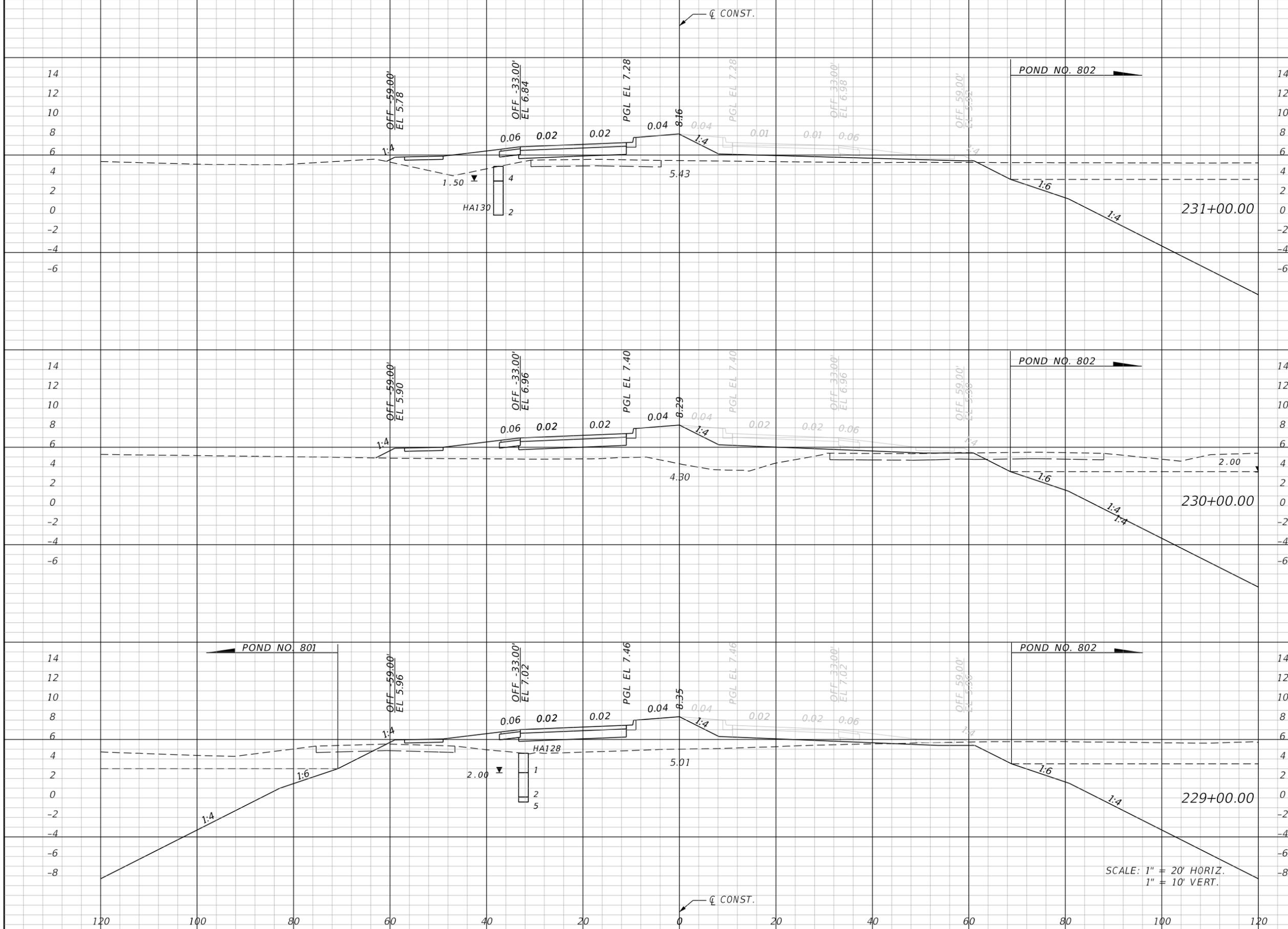
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **115**

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



Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
231+00.00	0.0				107.9	
230+00.00	0.2				163.9	
229+00.00	3.9				126.8	
			0	8	503	7

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

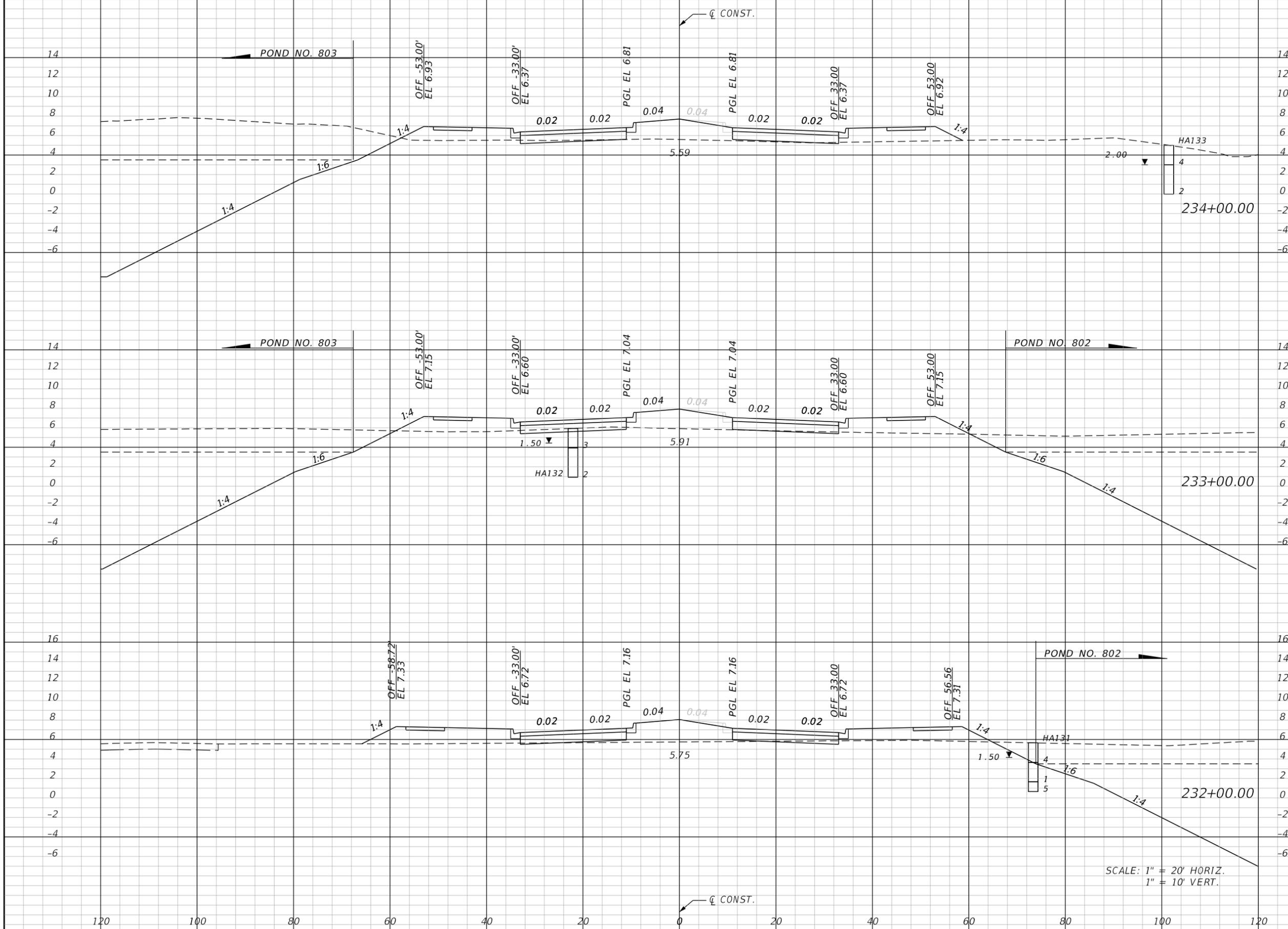
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
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	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**116**

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Regular		Exc.		Embankment	
A	V	A	V	A	V
3.7			23	92.5	350
8.6			22	96.7	402
3.4			6	120.6	423

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

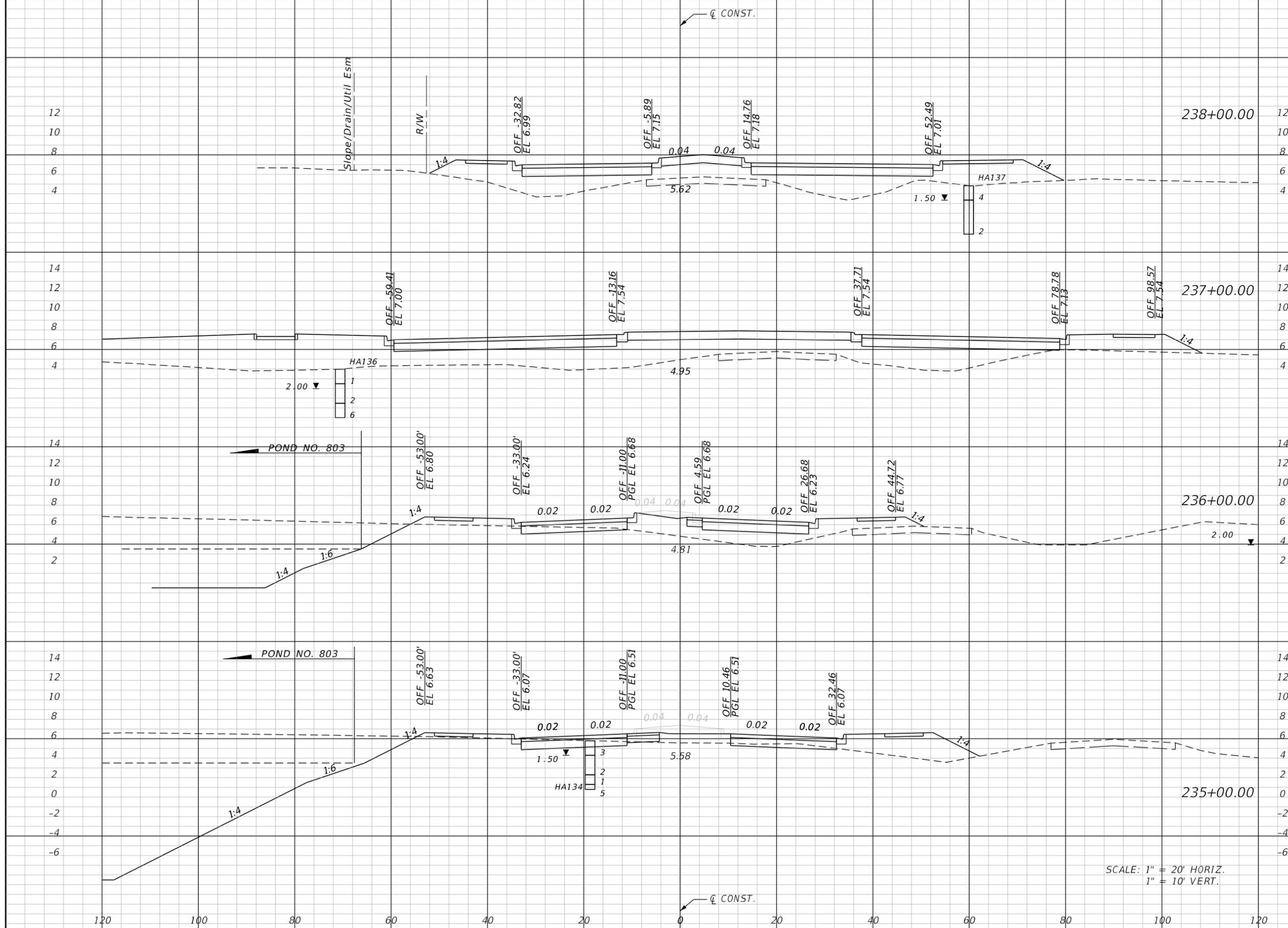
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
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**CROSS SECTIONS**

SHEET NO.
117

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Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0			200.9		
	0			1356	
0.1			531.4		
	21			1144	
11.4			86.4		
	69			296	
25.9			73.2		
	55			307	

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO. **118**

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

	Regular		Exc.		Embankment	
	A	V	A	V	A	V
19.0					2.6	
		335				5
19.0					2.6	
		34				143
0.0					76.8	
		0				166
0.0					145.6	
		0				321

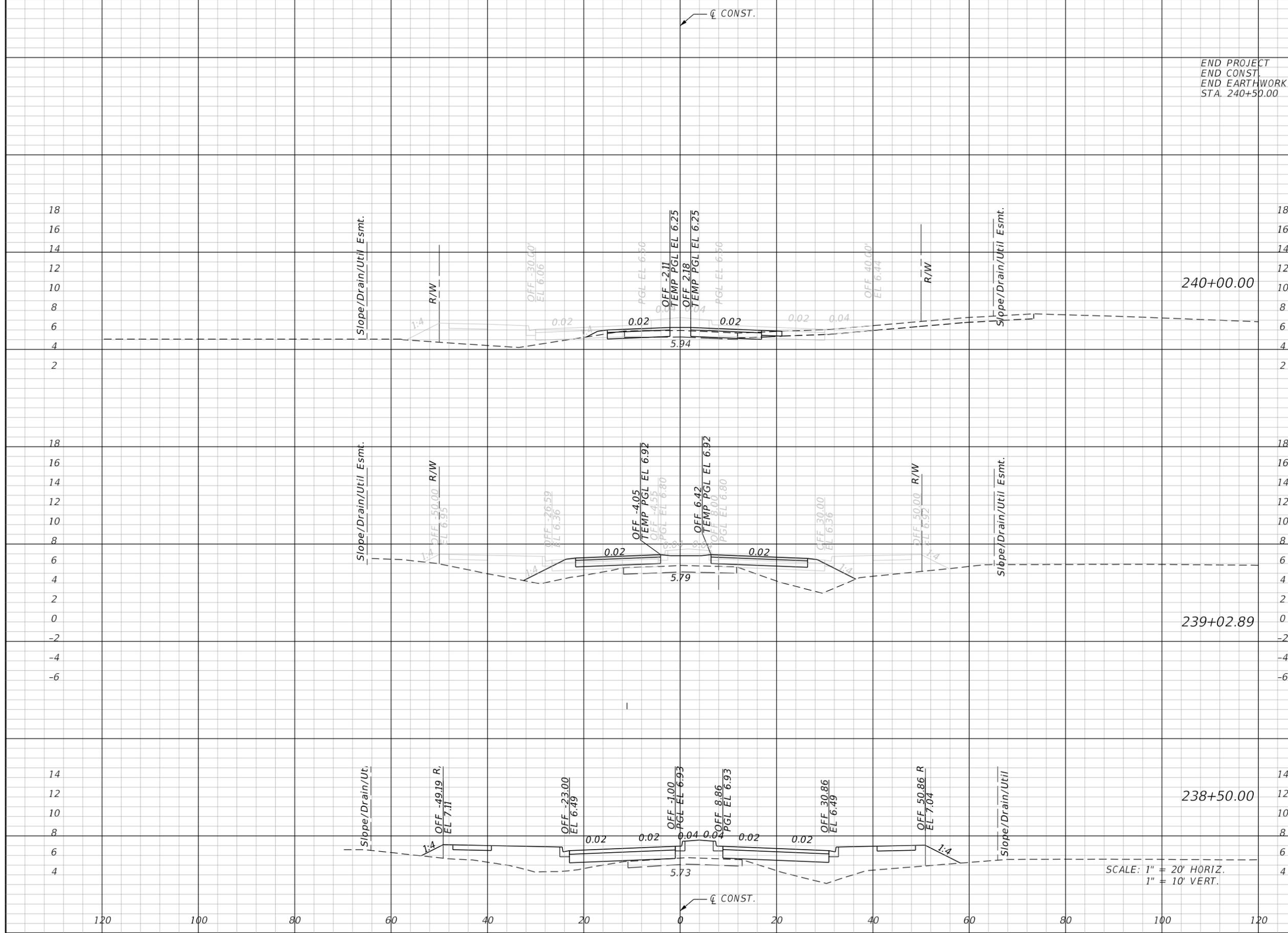
END PROJECT  
END CONST.  
END EARTHWORK  
STA. 240+50.00

240+00.00

239+02.89

238+50.00

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

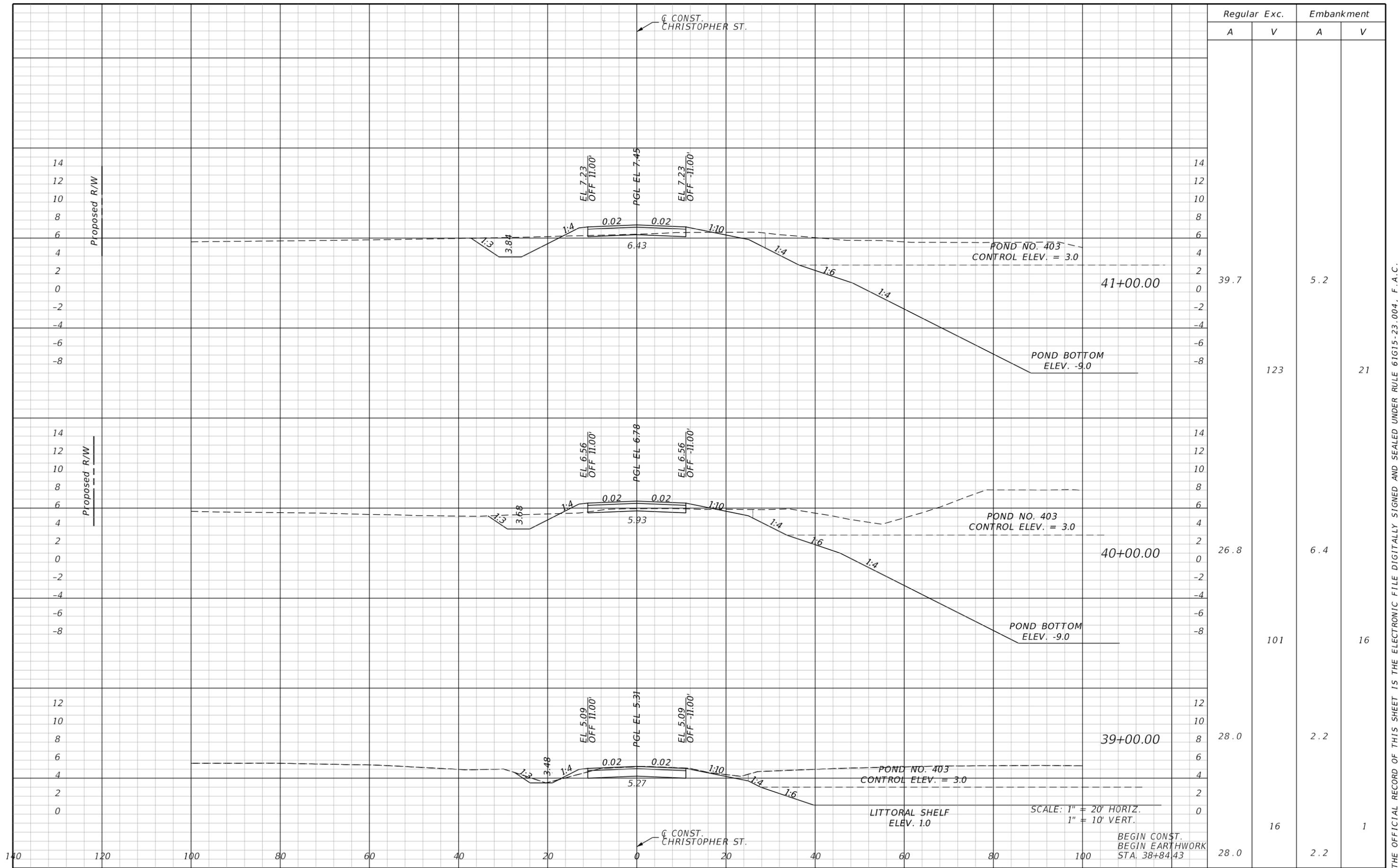
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2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CROSS SECTIONS**

SHEET NO.  
**119**

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Station	Regular		Exc.		Embankment	
	A	V	A	V	A	V
41+00.00			39.7		5.2	
40+00.00			26.8		6.4	
39+00.00			28.0		2.2	
				123		21
				101		16
				16		1
			28.0		2.2	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

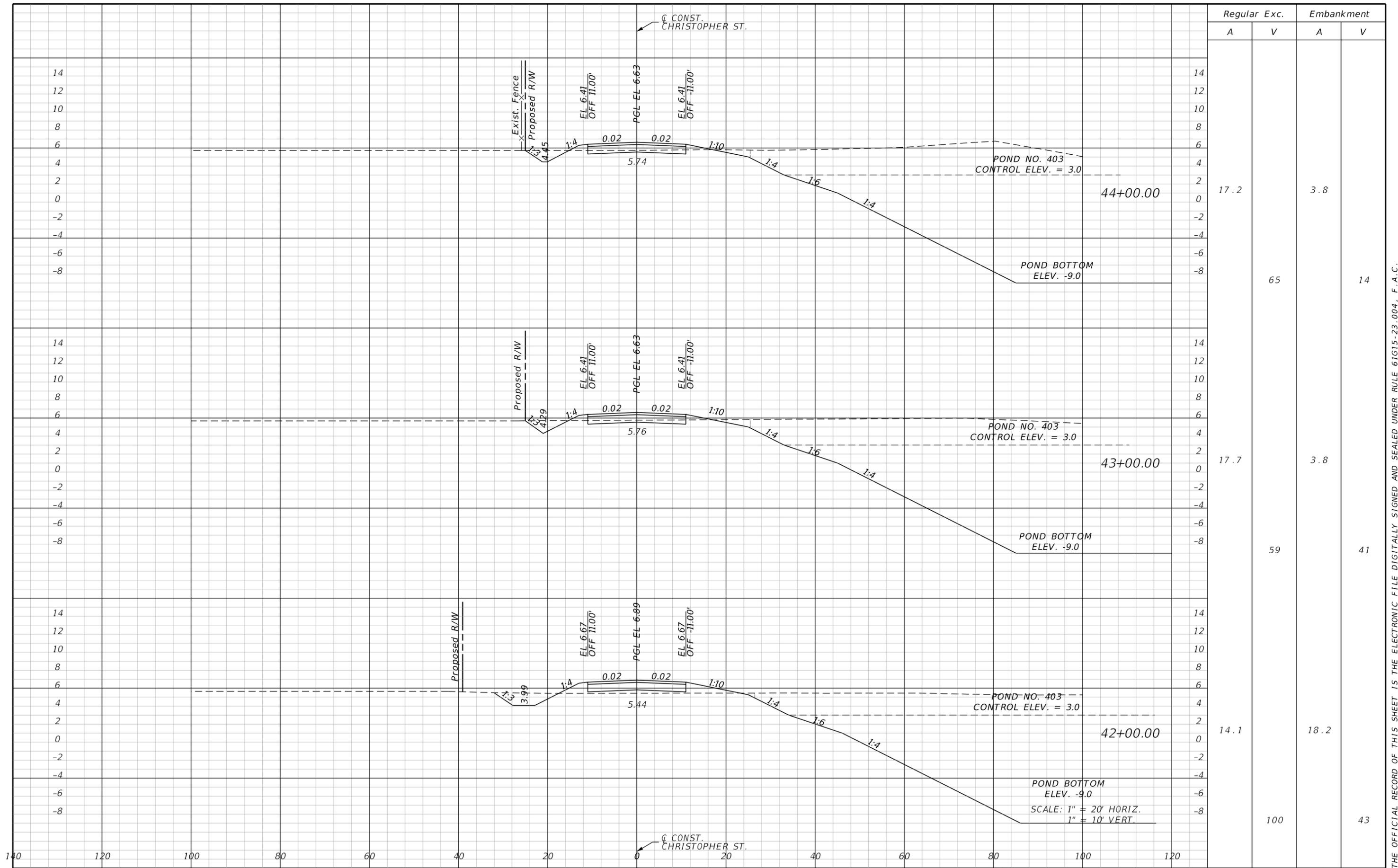
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CHRISTOPHER ST.  
CROSS SECTIONS**

SHEET NO.
120

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	Regular		Exc.		Embankment	
	A	V	A	V	A	V
44+00.00	17.2				3.8	
43+00.00	17.7				3.8	
42+00.00	14.1				18.2	
			65			14
				59		41
						43
				100		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

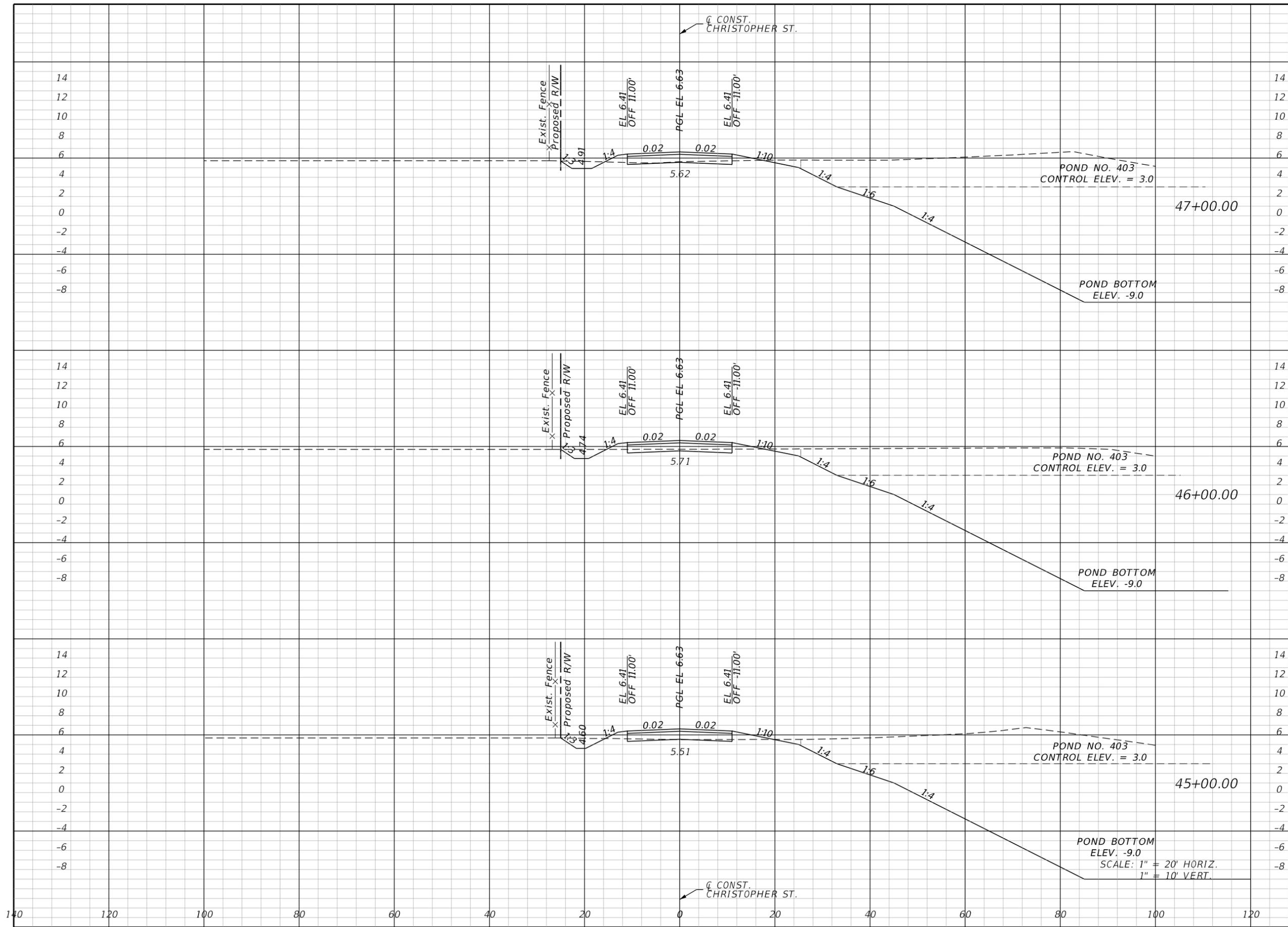
**JOHNSON ENGINEERING**  
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 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CHRISTOPHER ST.  
CROSS SECTIONS**

SHEET NO.  
**121**

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	Regular Exc.		Embankment	
	A	V	A	V
47+00.00	11.8		4.9	
46+00.00	15.0		4.3	
45+00.00	9.8		6.3	
		50		17
			46	20
				19

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

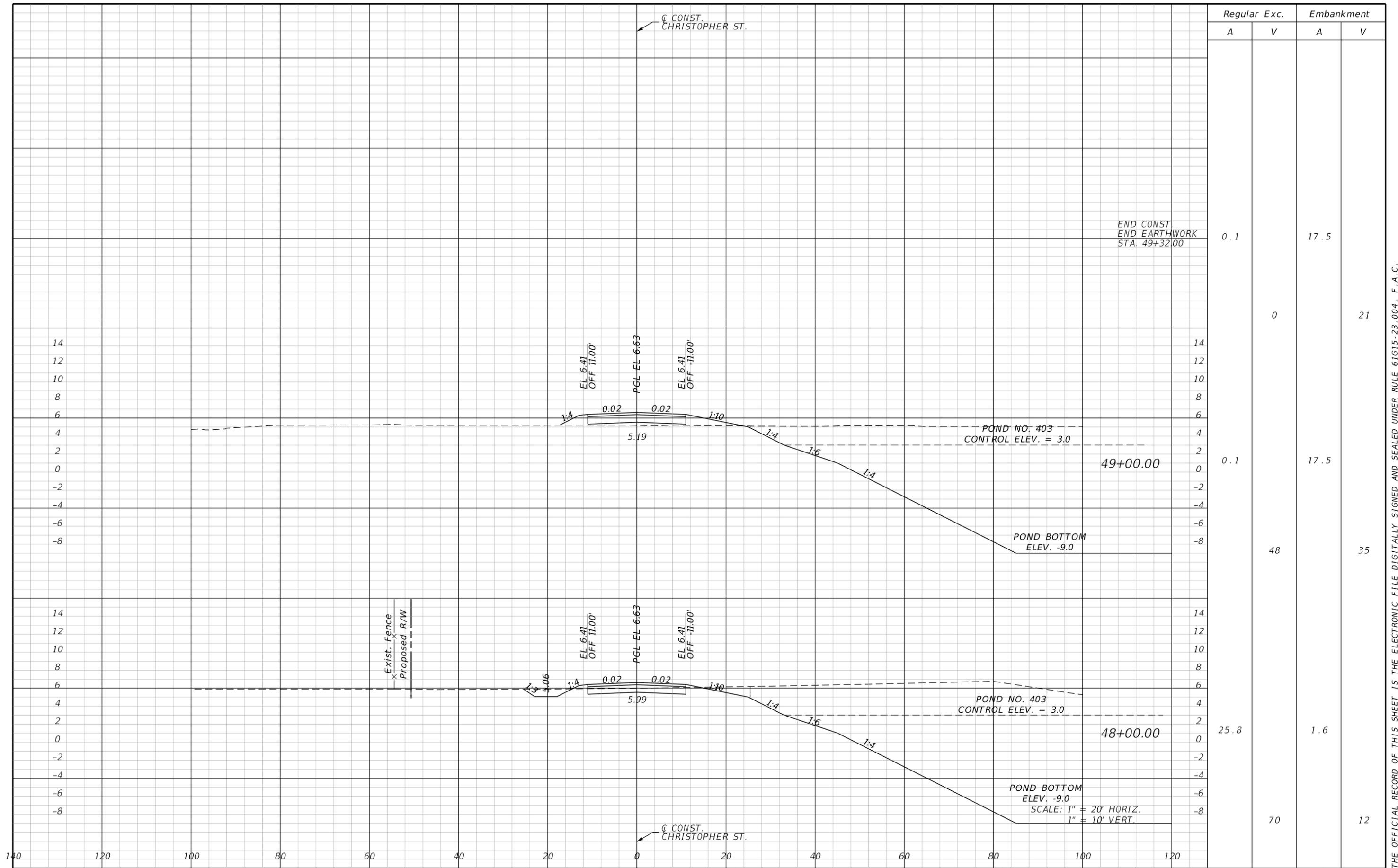
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**CHRISTOPHER ST.  
 CROSS SECTIONS**

SHEET NO.
122

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Regular		Exc.		Embankment	
A	V	A	V	A	V
0.1			17.5		
	0			21	
0.1			17.5		
	48			35	
25.8			1.6		
	70			12	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

**CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT**  
 ROAD NO. COUNTY PROJECT ID  
 CHARLOTTE 20225022-00R

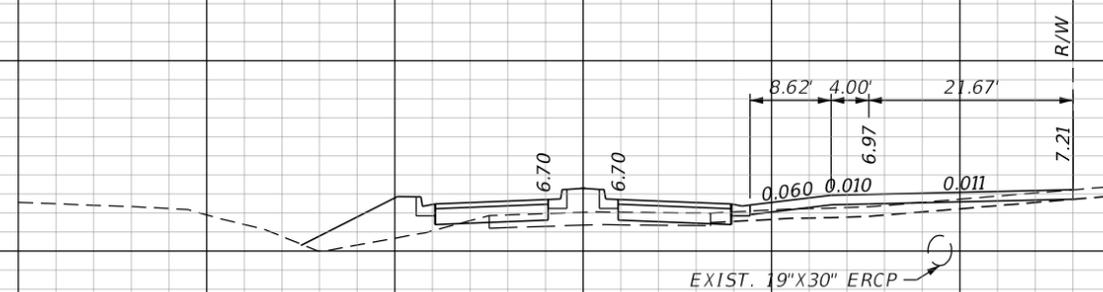
**CHRISTOPHER ST. CROSS SECTIONS**

SHEET NO.  
**123**

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

10  
8  
6

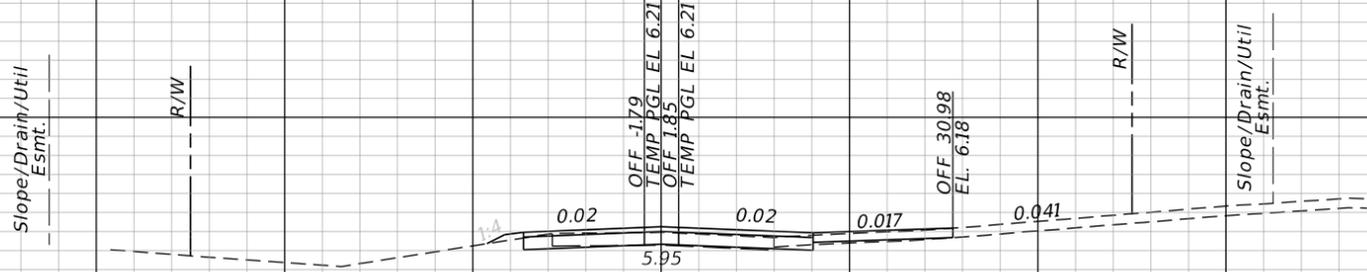
120 100 80 60 40 20 0 20 40 60 80 100 120 140 160



DRIVEWAY  
COLLINGSWOOD RT  
51+61.50

16  
14  
12  
10  
8  
6  
4

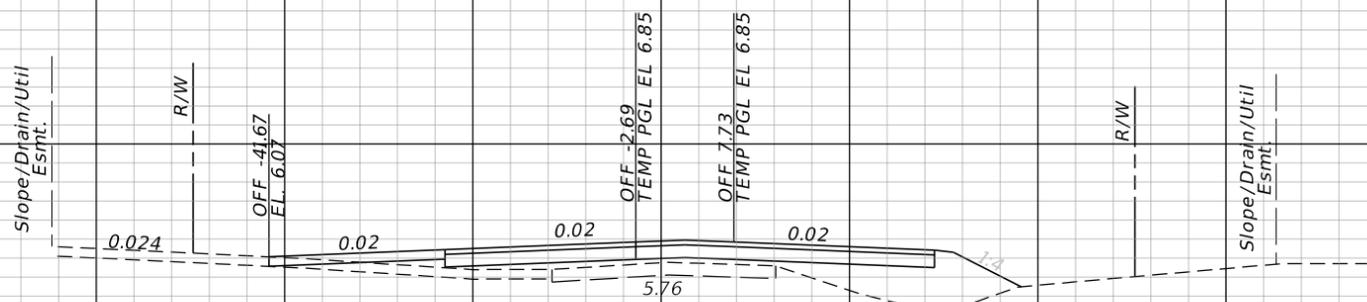
120 100 80 60 40 20 0 20 40 60 80 100 120 140 160



DRIVEWAY  
EDGEWATER RT  
240+07.50

16  
14  
12  
10  
8  
6  
4

120 100 80 60 40 20 0 20 40 60 80 100 120 140 160



DRIVEWAY  
EDGEWATER LT  
238+66.91

SCALE: 1" = 20' HORIZ.  
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**DRIVEWAY CROSS SECTIONS**

SHEET NO.  
**124**

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

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

NEW CONSTRUCTION AND ROADWAY IMPROVEMENTS FOR FLAMINGO BOULEVARD/EDGEWATER DRIVE.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE EROSION CONTROL PLANS INCLUDED IN THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL ALSO PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER. APPLICABLE EROSION CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL. THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION CONTROL DEVICES FROM THE CONTRACTOR.

(3) GENERAL NOTES:

- (a) ALL EROSION CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
- (b) INSTALL STAKED SILT FENCE WHERE LISTED IN THE EROSION CONTROL PLANS FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
- (c) PROVIDE SYNTHETIC BALES WHERE LISTED IN THE EROSION CONTROL PLANS FOR DITCH BLOCKS DURING CONSTRUCTION.
- (d) PROVIDE ROCK BAGS AT INLET OPENINGS.
- (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL AFTER ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT GRASSING IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 368 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 149 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE Cw(B), DURING Cw(D), AND AFTER Cw(A) CONSTRUCTION:

RUNOFF COEFFICIENT FOR:

GRASSED SHOULDERS ADJACENT TO ROADWAY: C= 0.3

IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C= 0.95

DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C= 0.3

WEIGHTED RUNOFF COEFFICIENT:

BEFORE: Cw(B) = 0.4 DURING: Cw(D) = 0.4 AFTER: Cw(A) = 0.5

THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw(D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:

THE SOILS THAT MAY EXIST WITHIN THE PROJECT LIMITS ARE GENERALLY SANDY SOILS AS SHOWN IN THE USDA SOIL SURVEY MAPS.

(7) ESTIMATED DRAINAGE AREA AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

- (a) SITE MAP: SEE CONSTRUCTION PLANS
- (b) DRAINAGE MAP: SEE CONSTRUCTION PLANS

(8) RECEIVING WATERS:

- BASIN 100 THRU 300 - FLAMINGO CANAL
- BASIN 400 AND 500 - CHRISTOPHER CANAL
- BASIN 600 THRU 900 - COMO CANAL
- BASIN 1000 THRU 1100 - PELLAM WATERWAY
- BASIN 1200 - ABHENRY CANAL

(9) THE OUTFALLS ARE NOT 303(d) LISTED WATERS FOR TOTAL SUSPENDED SOLIDS (TSS), TURBIDITY, AND SETTLEABLE SOLIDS.

(10) OUTFALL LOCATIONS:

VARIOUS (SEE DRAINAGE MAPS)

(11) WETLAND IMPACTS ARE DETAILED IN THE ENVIRONMENTAL RESOURCE PERMIT AND ASSOCIATED DOCUMENTATION.

(12) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)

- (a) PRESENTLY EXISTING DRAINAGE FLOWS GENERALLY SOUTH AND WEST TO EXISTING CANALS VIA EXSITING ROADSIDE SWALES.
- (b) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO EROSION CONTROL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
- (c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. THIS WILL BE ACCOMPLISHED BY WATERING DISTURBED AREAS.
- (d) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING THE WATERWAYS.

II. CONTROLS:

EROSION AND SEDIMENT CONTROLS

- (1) WATER QUALITY MONITORING SHALL BE CONDUCTED BY THE CONTRACTOR UPON THE OBSERVATION THAT THE WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS SHALL BE DESIGNATED BY THE PROJECT ENGINEER. THE CONSTRUCTION MANAGER WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS RELATED TO TURBIDITY (29NTU'S ABOVE BACKGROUND). MONITORING WILL BE ACCOMPLISHED BY RECORDING TURBIDITY READINGS FROM THE CENTER OF THE STREAM, ONE (1) UPSTREAM OF THE ACTIVITY AND ONE (1) DOWNSTREAM OF THE EROSION CONTROL DEVICES, BUT WITHIN THE PROJECT RIGHT OF WAY. IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHOULD BE STOPPED IMMEDIATELY AND EROSION CONTROL DEVICES RE-EVALUATED BY THE LEE COUNTY REPRESENTATIVE PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (29NTU'S ABOVE BACKGROUND). WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE COUNTY.

(2) STABILIZATION PRACTICES:

STABILIZATION MEASURES, SUCH AS PERFORMANCE TURF (SODDING) OF SIDE SLOPES PER FDOT SPECIFICATION SECTION 570 SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE SHALL THE TIME BE GREATER THAN SEVEN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES.

REVISIONS				 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 &amp; LB 642 RYAN K. BELL, P.E. NO. 60010</p>	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<p><b>STORMWATER POLLUTION PREVENTION PLAN</b></p>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID		
						CHARLOTTE	20225022-00R		125

(3) STRUCTURAL PRACTICES MAY INCLUDE:

- (a) SEDIMENT BARRIER
- (b) INLET PROTECTION SYSTEM
- (c) SOIL TRACKING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS
- (d) FLOATING TURBIDITY BARRIER
- (e) STAKED TURBIDITY BARRIER

(4) SEDIMENT BARRIER LOCATIONS:

- (a) SEDIMENT BARRIER SHALL BE LOCATED AT MINIMUM AS SHOWN IN THE EROSION CONTROL PLANS.
- (b) STOCKPILE AREAS SHALL INCLUDE SEDIMENT BARRIER AROUND THE PERIMETER.
- (c) SEDIMENT BARRIER PLACED AS DITCH BLOCKS TO AVOID DOWNSTREAM SILTATION. DITCH BLOCKS SHOULD BE LOCATED APPROXIMATELY EVERY 300 FEET OR 90 M.

(5) INLET PROTECTION SYSTEM:

GENERALLY, INLET PROTECTION SYSTEMS SHALL BE INSTALLED AT PROPOSED INLET LOCATIONS.

(6) CONSTRUCTION ENTRANCES/EXITS:

SOIL TRACKING PREVENTION DEVICES SHALL BE PROVIDED FOR BOTH ON-SITE AND OFF-SITE LOCATIONS OF STOCKPILED OR EXCAVATED MATERIAL, INCLUDING PROPOSED POND SITES. IF IMMEDIATELY ADJACENT TO A PUBLIC ROADWAY, THE ENGINEER SHALL BE RESPONSIBLE FOR MODIFYING THE SYSTEM OR PROCEDURES AS NEEDED.

(7) TURBIDITY BARRIER LOCATION:

- (a) STAKED TURBIDITY BARRIER IS TO BE USED IN AREAS WHERE WATER BODIES ARE LESS THAN 0.91 M (3 FEET) DEEP.
- (b) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS.
- (c) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF SOILS HAVE BEEN ACHIEVED.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL:

- (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS SHALL BE DISCHARGED TO WETLANDS OR BURIED ON-SITE.
- (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:

- (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
- (b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND LOCAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

FDEP (NPDES) (CONTRACTOR TO OBTAIN)

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE COUNTY WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES.

IV. MAINTENANCE:

- (1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED.
- (2) THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

GENERAL - ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.

(3) STRUCTURAL PRACTICES:

SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STAKED SILT FENCES SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

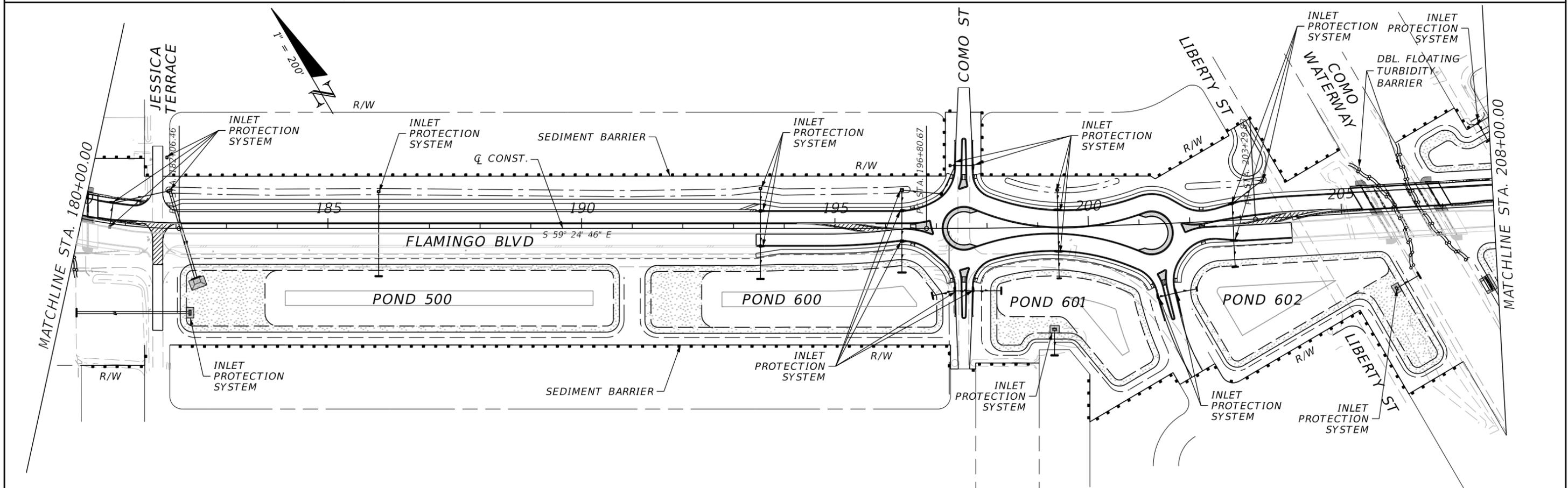
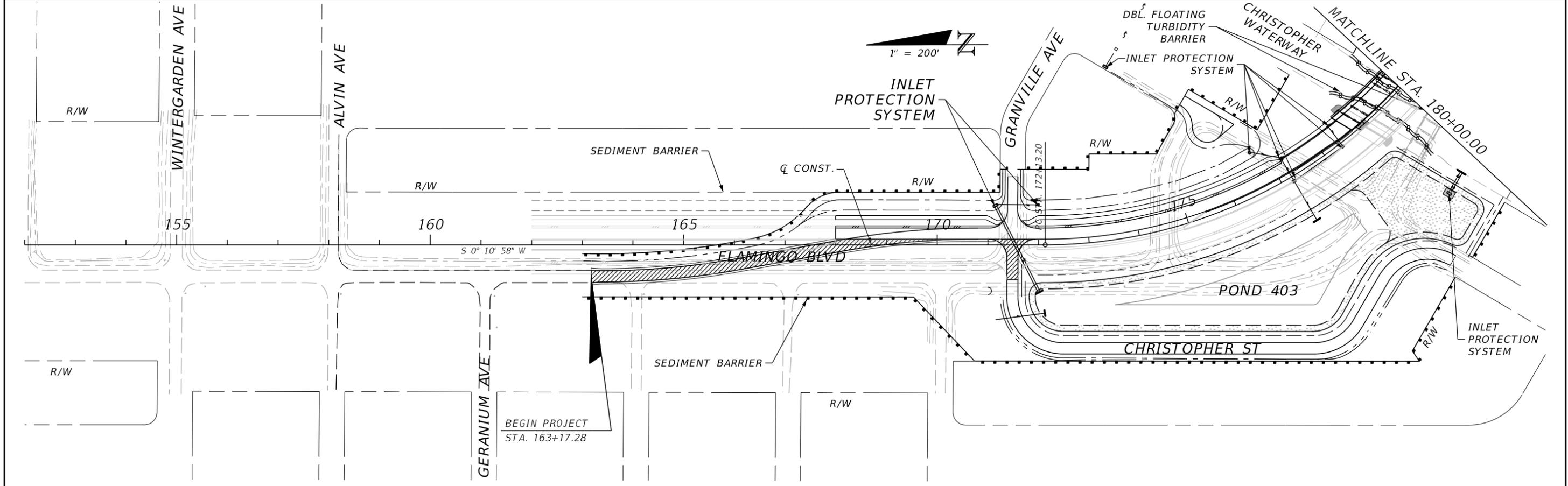
V. INSPECTION:

- (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT. ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR.
- (2) ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.
- (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

VI. TRACKING AND REPORTING:

- (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE COUNTY DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES.
- (3) THE CONTRACTOR SHALL USE THE CONSTRUCTION INSPECTION REPORT (# 650-040-03) DATED 11/09 FOR DAILY INSPECTIONS.

REVISIONS				 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 &amp; LB 642 RYAN K. BELL, P.E. NO. 60010</p>	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			<p><b>STORMWATER POLLUTION PREVENTION PLAN</b></p>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID		
						CHARLOTTE	20225022-00R		126



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

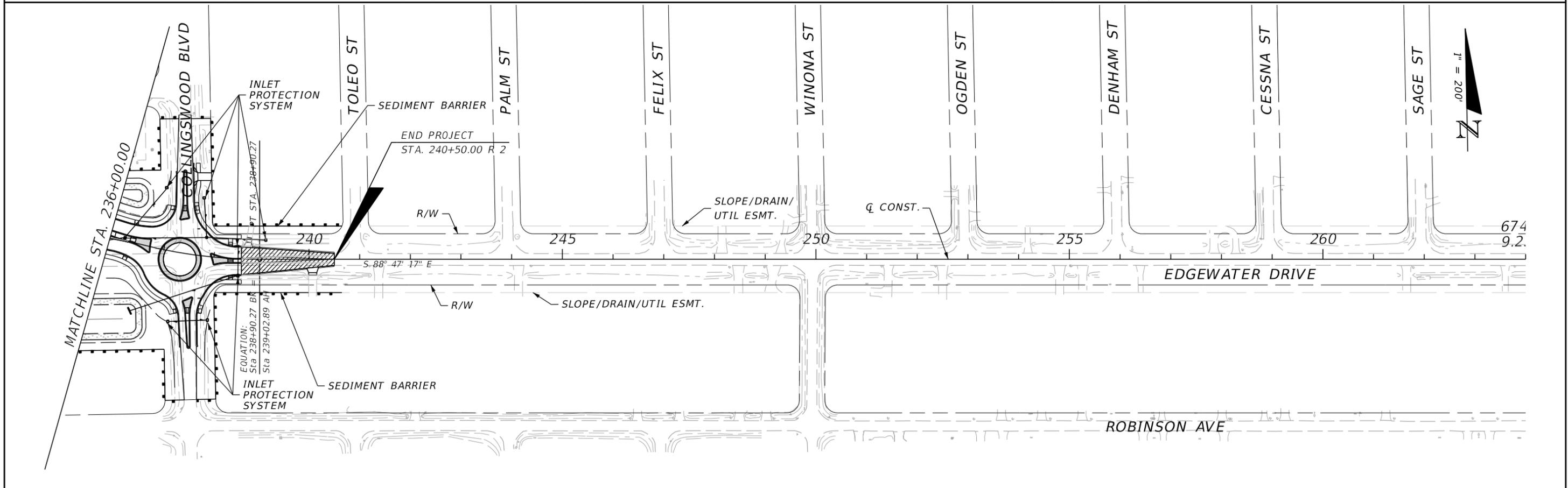
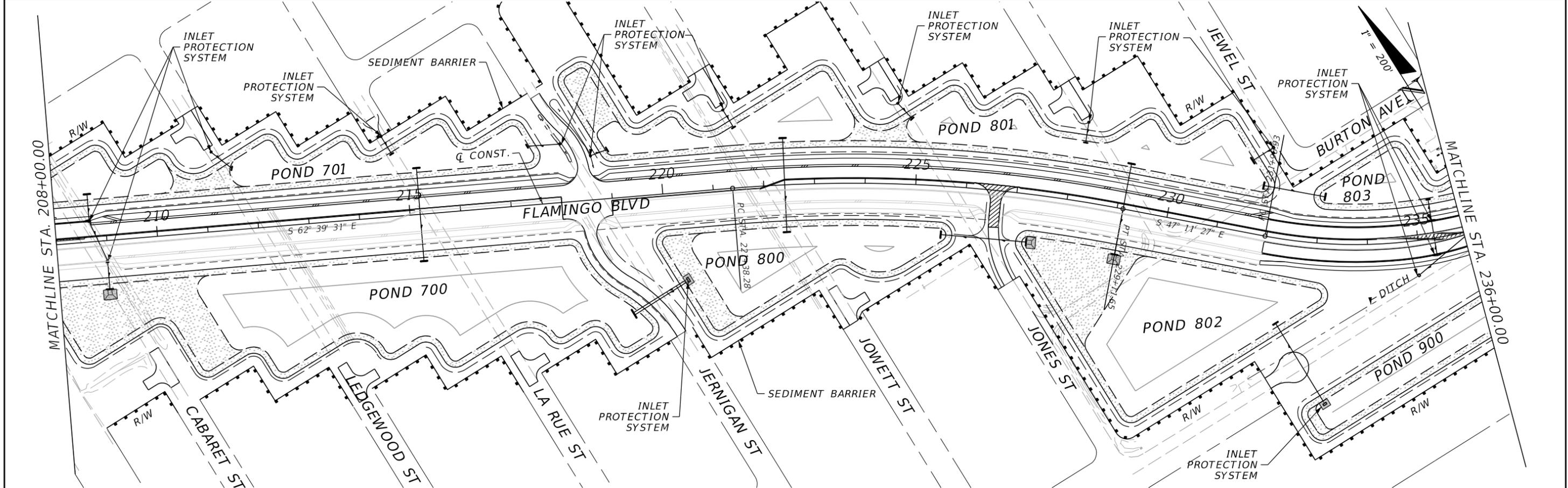
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**EROSION CONTROL PLAN**

SHEET NO.
127

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 EB 642 & LB 642  
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CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**EROSION CONTROL PLAN**

SHEET NO. 128

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**TRAFFIC CONTROL GENERAL NOTES**

1. THE INTENT OF THE TEMPORARY TRAFFIC CONTROL PHASING PLANS IS TO CONVEY THE GENERAL INTENT OF THE CONSTRUCTION SEQUENCING. CONTRACTOR SHALL PROVIDE FULL TRAFFIC CONTROL PLANS (TCP) SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER TO COUNTY FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. ALL COSTS FOR TCP PRODUCTION AND SUBSEQUENT PLAN IMPLEMENTATION AND MAINTENANCE SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC (LUMP SUM) PAY ITEM.
2. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS SET FORTH IN THE LATEST VERSIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SERIES 600 OF THE FDOT STANDARD PLANS AT ALL TIMES.
3. POSTED SPEED LIMIT ON MAINLINE MAY BE REDUCED BY 10 MPH DURING CONSTRUCTION. EXISTING POSTED SPEED ALONG ALL OTHER SIDE STREETS SHALL REMAIN DURING CONSTRUCTION. TRAFFIC SHALL BE MAINTAINED ON PAVED SURFACES AT ALL TIMES.
4. CONTRACTOR'S TTCP SHALL INCORPORATE ANY DETOURS AND/OR CLOSURES OF SIDE STREETS UNTIL PERMANENT TRAFFIC PATTERNS AND TRAFFIC CONTROL DEVICES ARE ESTABLISHED.
5. ALL EXISTING SIGNS AND PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN DURING A CONSTRUCTION PHASE, SHALL BE REMOVED, COVERED, OR TEMPORARILY RELOCATED AS NECESSARY PRIOR TO THE DIVERSION OF TRAFFIC AND THE COMMENCEMENT OF CONSTRUCTION.
6. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
7. REMOVAL OF ANY CONFLICTING STRIPING IS TO BE INCLUDED IN THE MAINTENANCE OF TRAFFIC (LUMP SUM) PAY ITEM.
8. ALL PAVEMENT MARKINGS USED FOR TEMPORARY TRAFFIC CONTROL WILL BE PAINT. NO TEMPORARY MARKING SHALL BE ALLOWED ON FINAL ASPHALT FRICTION COURSE.
9. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES. ANY TEMPORARY DRAINAGE FEATURES SHALL BE REMOVED, PRIOR TO COMPLETION.
10. CONTRACTOR SHALL COMPLY WITH THE UTILITY NOTIFICATION PROCEDURE OF FLORIDA STATUTES CHAPTER 556 (UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT).
11. TEMPORARY EROSION CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION BEGINS AND MAINTAINED THROUGHOUT.
12. TEMPORARY LANE CLOSURES WITH ONE WAY TRAFFIC MAY BE ALLOWED WITH COUNTY APPROVAL. CONTRACTOR TO COORDINATE WITH COUNTY ON TIMING AND DURATION. NO LANE CLOSURES ARE PERMITTED WITHIN PEAK TRAVEL TIME INCLUDING 6-9AM AND 4-7PM. ALL OPERATIONS REQUIRING LANE CLOSURES SHALL BE PHASED AND PLANNED TO ALLOW TRAVEL LANES TO BE RESTORED AND OPENED AT THE BEGINNING OF THE PEAK TRAVEL TIMES NOTED ABOVE.

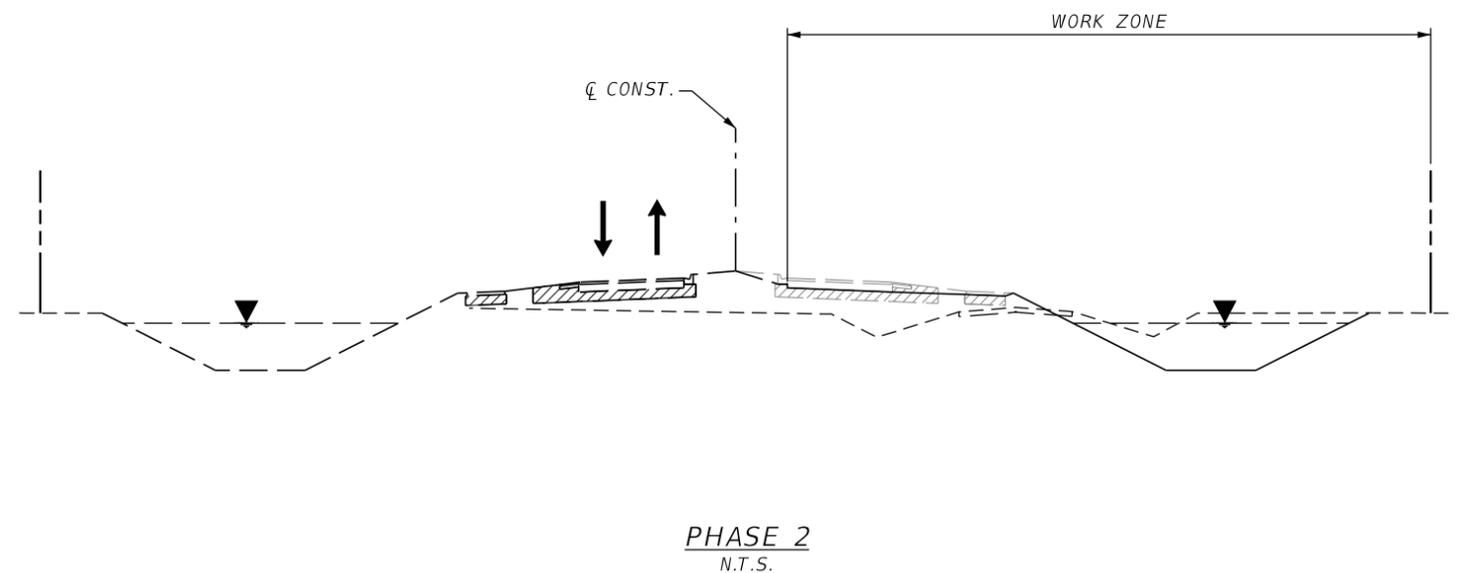
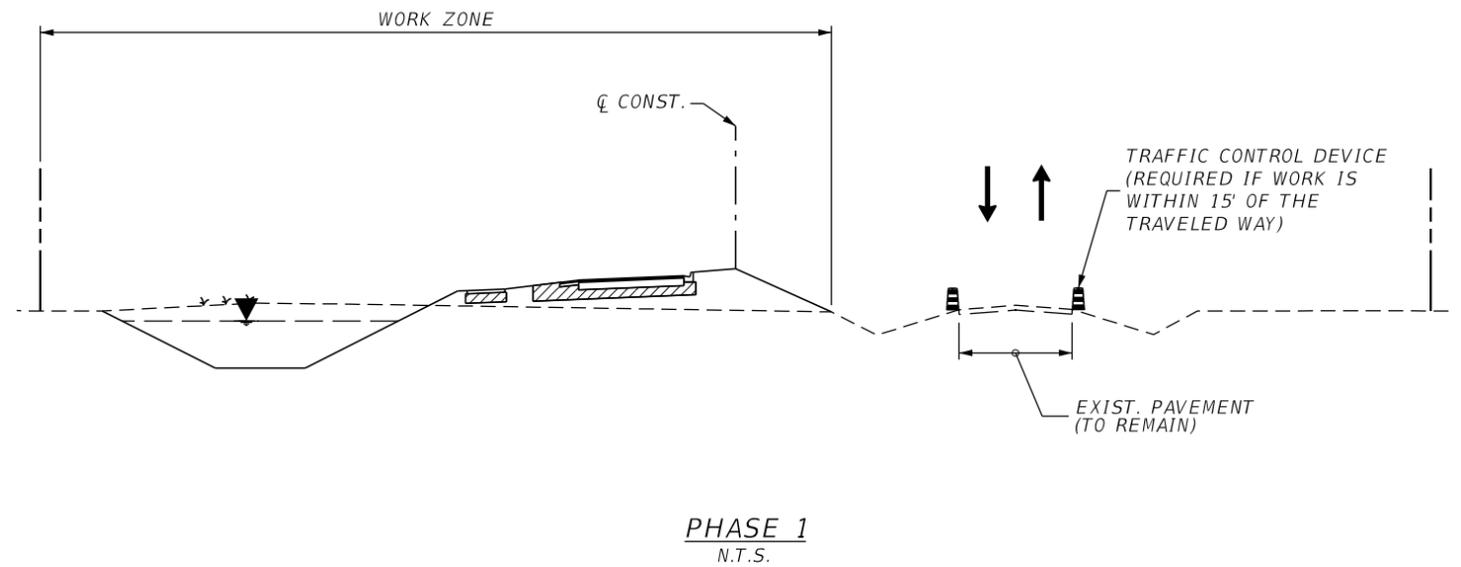
**PHASING NOTES**

**PHASE 1**

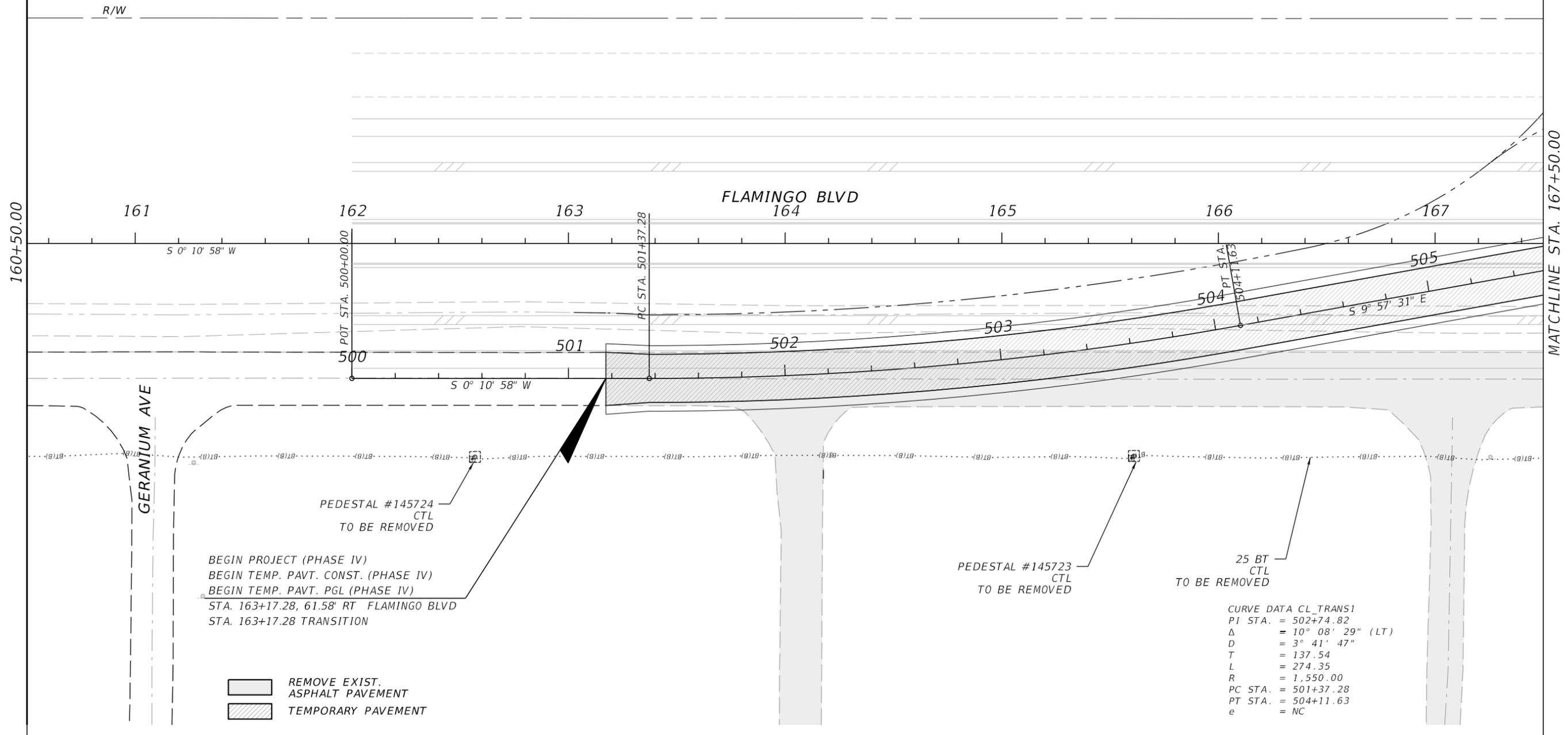
1. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE 600 SERIES OF THE STANDARD PLANS.
2. PLACE WORK ZONE SIGNAGE AND TRAFFIC CONTROL DEVICES ALONG EXISTING FLAMINGO BLVD (WITHIN PROJECT LIMITS) IN ACCORDANCE WITH INDEX102-602 WHILE MAINTAINING TRAFFIC ON EXISTING ROADWAY.
3. PERFORM ALL WORK OUTSIDE OF EXISTING ROADWAY.
4. SOD AND STABILIZE ALL FINISHED AREAS.

**PHASE 2**

1. PLACE WORK ZONE SIGNAGE AND TRAFFIC CONTROL DEVICES ON NEW FLAMINGO BLVD IN ACCORDANCE WITH INDEX 102-601. SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED ROADWAY.
2. CONSTRUCT ALL REMAINING IMPROVEMENTS.
3. SOD AND STABILIZE ALL FINISHED AREAS.
4. PERFORM FINAL CLEANUP REMOVING EROSION CONTROL AND MOT DEVICES AND OPEN TO ULTIMATE TRAFFIC.



REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO.  <b>129</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID	
						CHARLOTTE	20225022-00R	



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

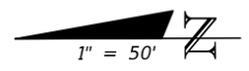
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
**STA. 160+50 TO STA. 167+50**

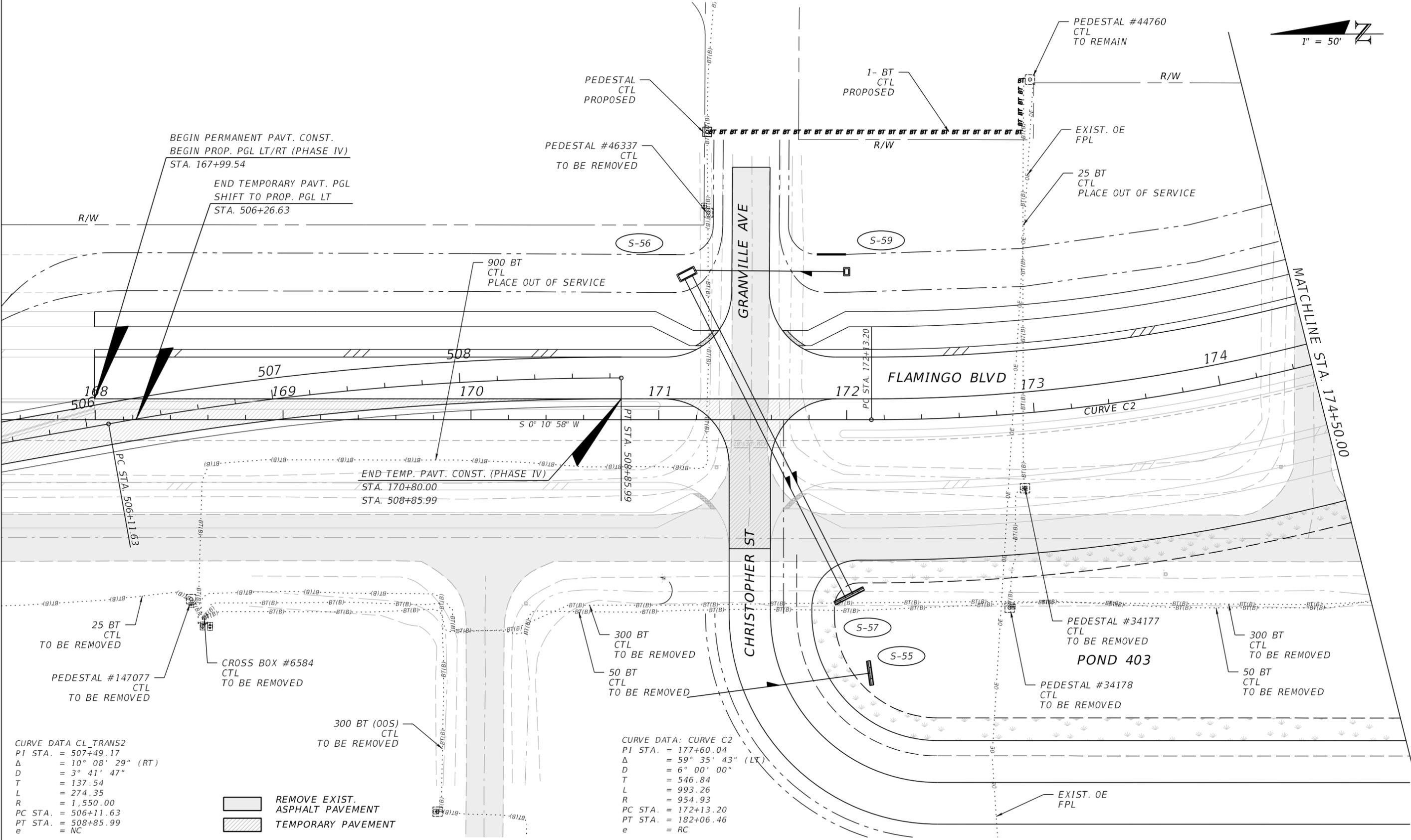
SHEET NO.  
**130**

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MATCHLINE STA. 167+50.00

MATCHLINE STA. 174+50.00



BEGIN PERMANENT PAVT. CONST.  
BEGIN PROP. PGL LT/RT (PHASE IV)  
STA. 167+99.54

END TEMPORARY PAVT. PGL  
SHIFT TO PROP. PGL LT  
STA. 506+26.63

900 BT  
CTL  
PLACE OUT OF SERVICE

PEDESTAL #46337  
CTL  
TO BE REMOVED

1- BT  
CTL  
PROPOSED

PEDESTAL #44760  
CTL  
TO REMAIN

EXIST. OE  
FPL

25 BT  
CTL  
PLACE OUT OF SERVICE

END TEMP. PAVT. CONST. (PHASE IV)  
STA. 170+80.00  
STA. 508+85.99

25 BT  
CTL  
TO BE REMOVED

PEDESTAL #147077  
CTL  
TO BE REMOVED

CROSS BOX #6584  
CTL  
TO BE REMOVED

300 BT (00S)  
CTL  
TO BE REMOVED

300 BT  
CTL  
TO BE REMOVED

50 BT  
CTL  
TO BE REMOVED

PEDESTAL #34177  
CTL  
TO BE REMOVED

PEDESTAL #34178  
CTL  
TO BE REMOVED

300 BT  
CTL  
TO BE REMOVED

50 BT  
CTL  
TO BE REMOVED

EXIST. OE  
FPL

CURVE DATA CL\_TRANS2  
PI STA. = 507+49.17  
Δ = 10° 08' 29" (RT)  
D = 3° 41' 47"  
T = 137.54  
L = 274.35  
R = 1,550.00  
PC STA. = 506+11.63  
PT STA. = 508+85.99  
e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

CURVE DATA: CURVE C2  
PI STA. = 177+60.04  
Δ = 59° 35' 43" (LT)  
D = 6° 00' 00"  
T = 546.84  
L = 993.26  
R = 954.93  
PC STA. = 172+13.20  
PT STA. = 182+06.46  
e = RC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

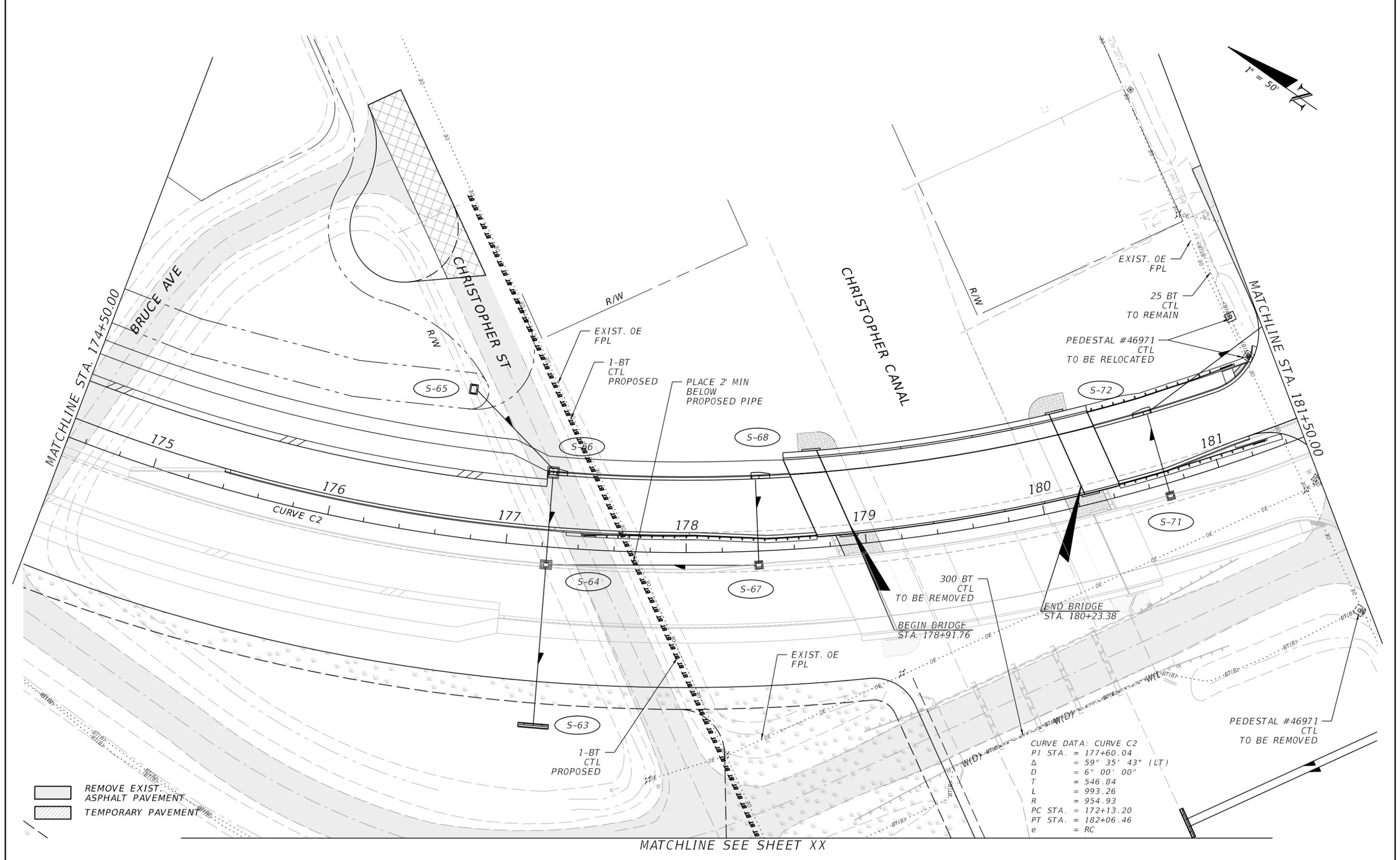
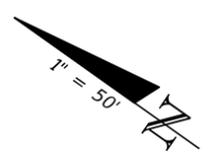
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FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
STA. 167+50 TO STA. 174+50

SHEET NO.  
**131**

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CURVE DATA: CURVE C2  
 PI STA. = 177+60.04  
 $\Delta$  = 59° 35' 43" (LT)  
 D = 6° 00' 00"  
 T = 546.84  
 L = 993.26  
 R = 954.93  
 PC STA. = 172+13.20  
 PT STA. = 182+06.46  
 e = RC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

MATCHLINE SEE SHEET XX

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
**STA. 174+50 TO STA. 181+50**

SHEET NO.  
**132**

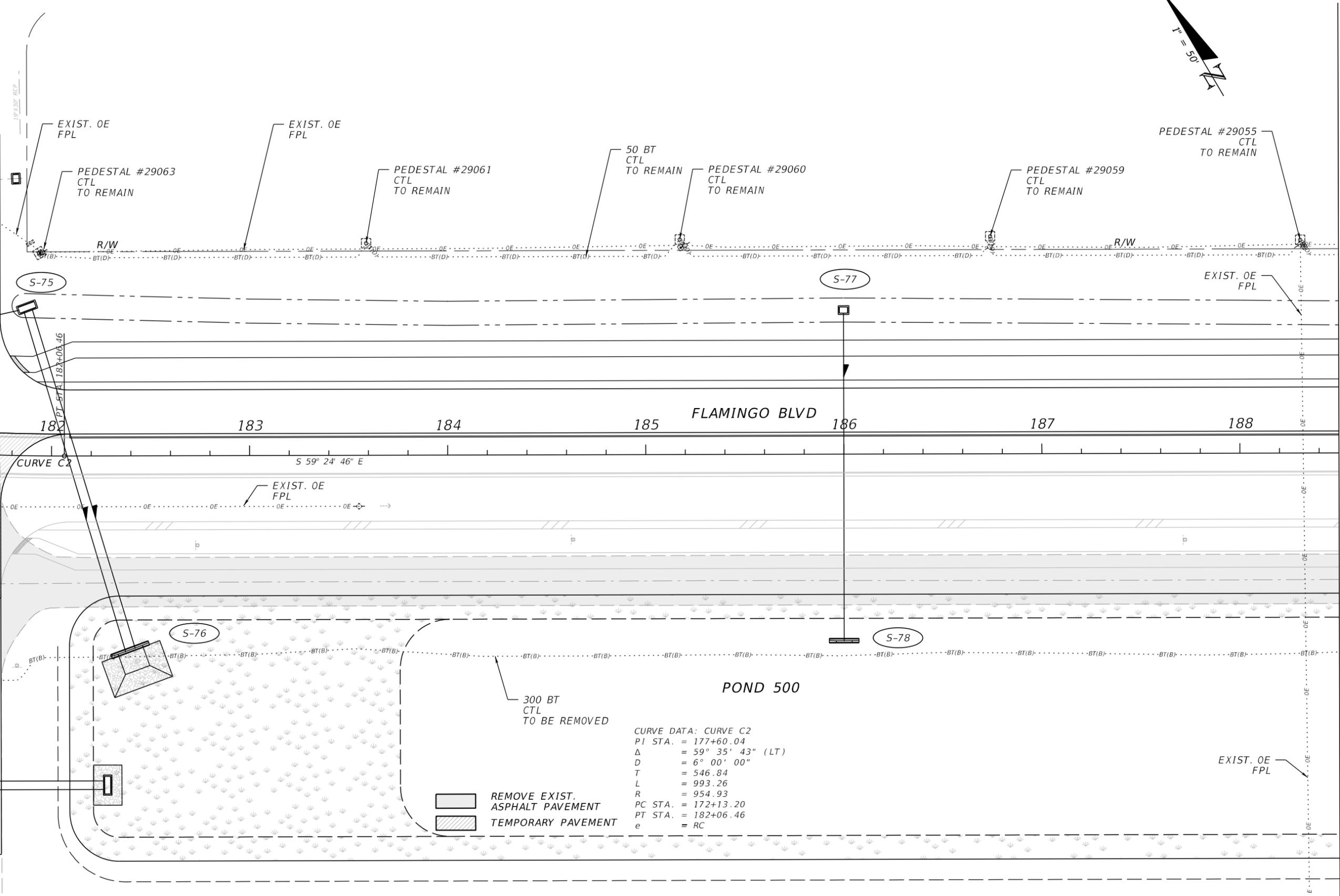
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. 181+50.00

MATCHLINE STA. 188+50.00

JESSICA TERRACE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

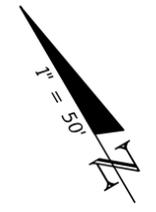
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
 STA. 181+50 TO STA. 188+50

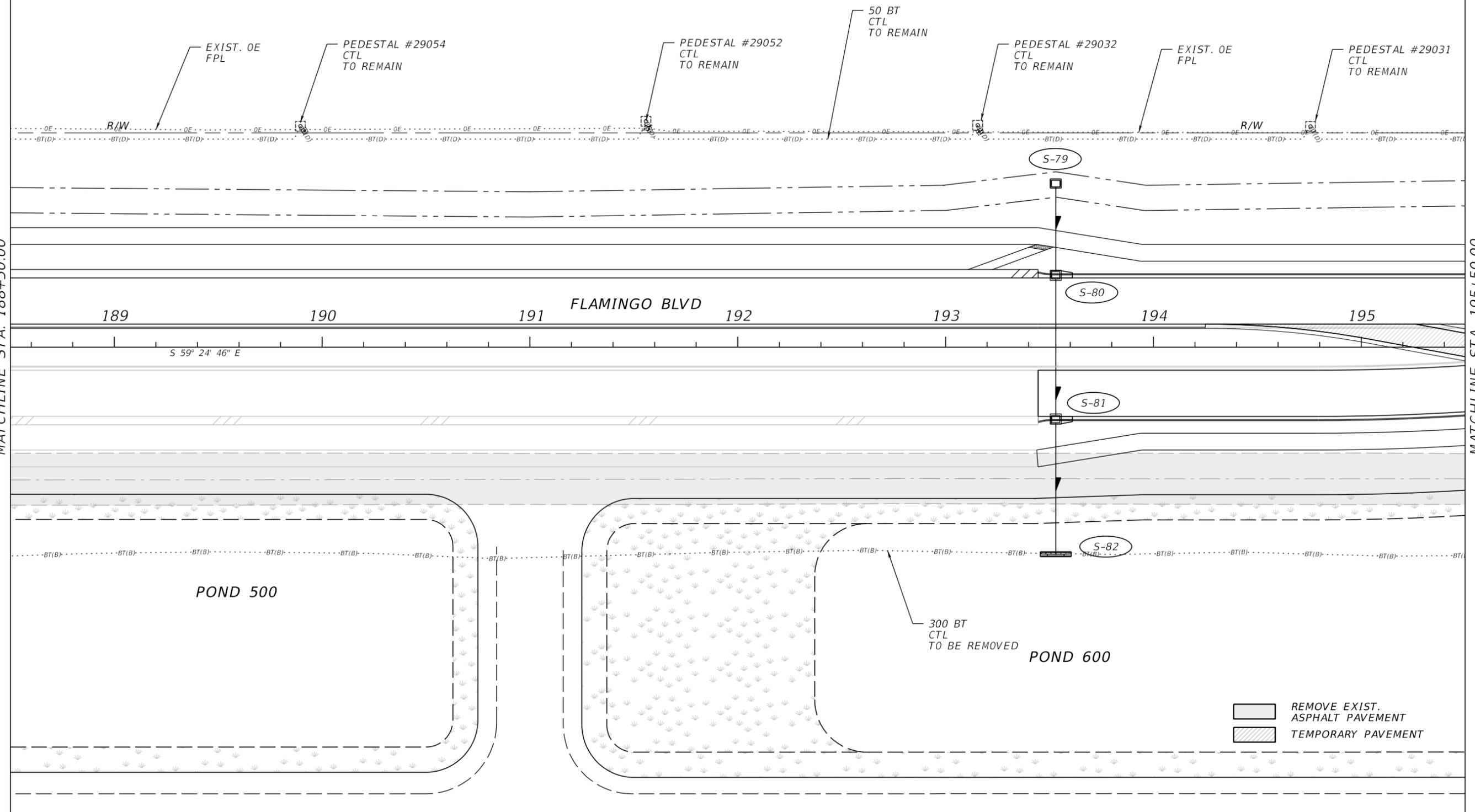
SHEET NO.
133

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MATCHLINE STA. 188+50.00

MATCHLINE STA. 195+50.00



189

190

191

FLAMINGO BLVD

192

193

194

195

S 59° 24' 46" E

POND 500

POND 600

300 BT  
CTL  
TO BE REMOVED

REMOVE EXIST.  
ASPHALT PAVEMENT

TEMPORARY PAVEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

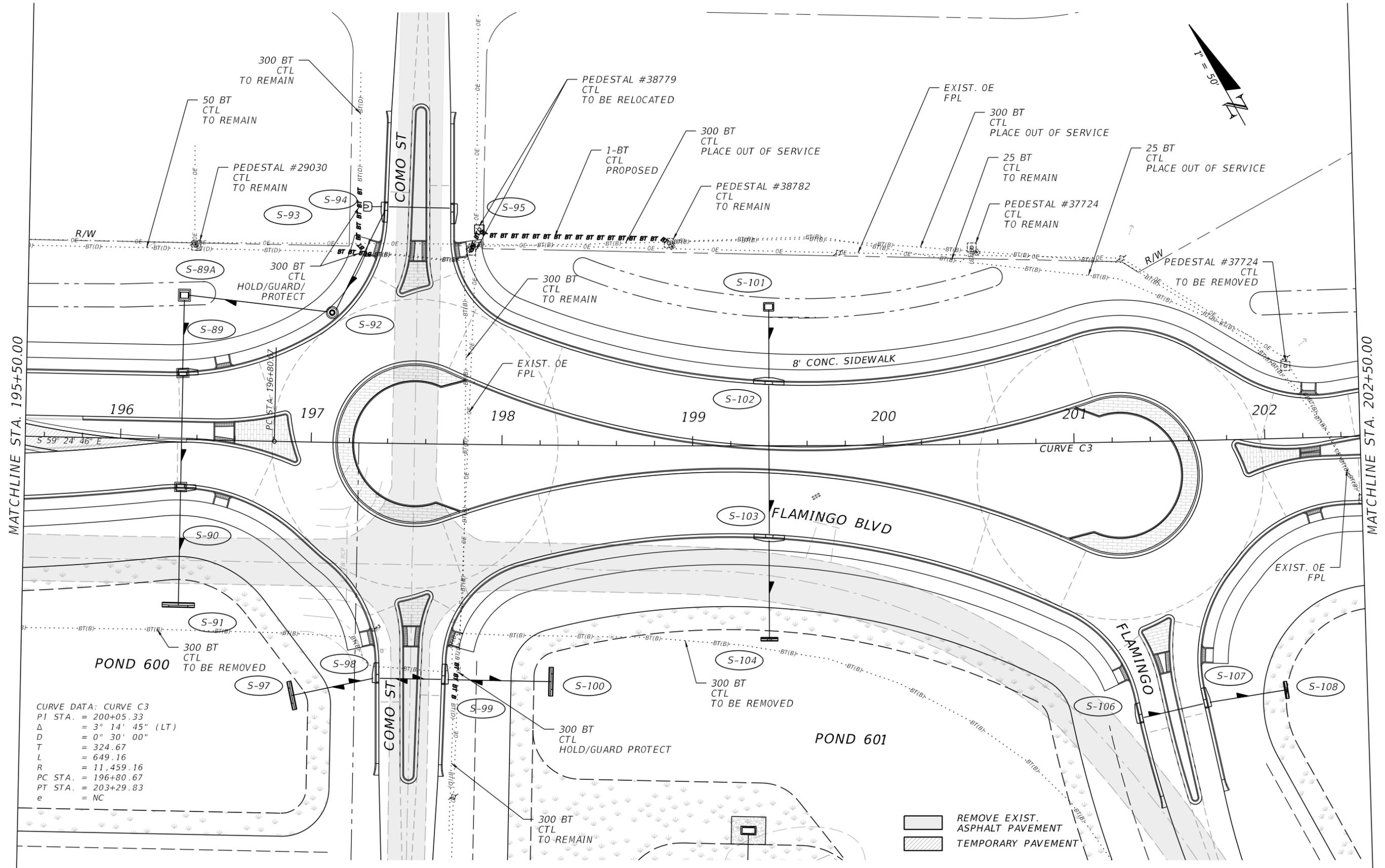
**JOHNSON**  
ENGINEERING  
2122 JOHNSON STREET  
FORT MYERS, FL 33901  
EB 642 & LB 642  
RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
STA. 188+50 TO STA. 195+50

SHEET  
NO.  
**134**

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MATCHLINE STA. 195+50.00

MATCHLINE STA. 202+50.00

CURVE DATA: CURVE C3  
 PI STA. = 200+05.33  
 $\Delta$  = 3° 14' 45" (LT)  
 D = 0° 30' 00"  
 T = 324.67  
 L = 649.16  
 R = 11,459.16  
 PC STA. = 196+80.67  
 PT STA. = 203+29.83  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

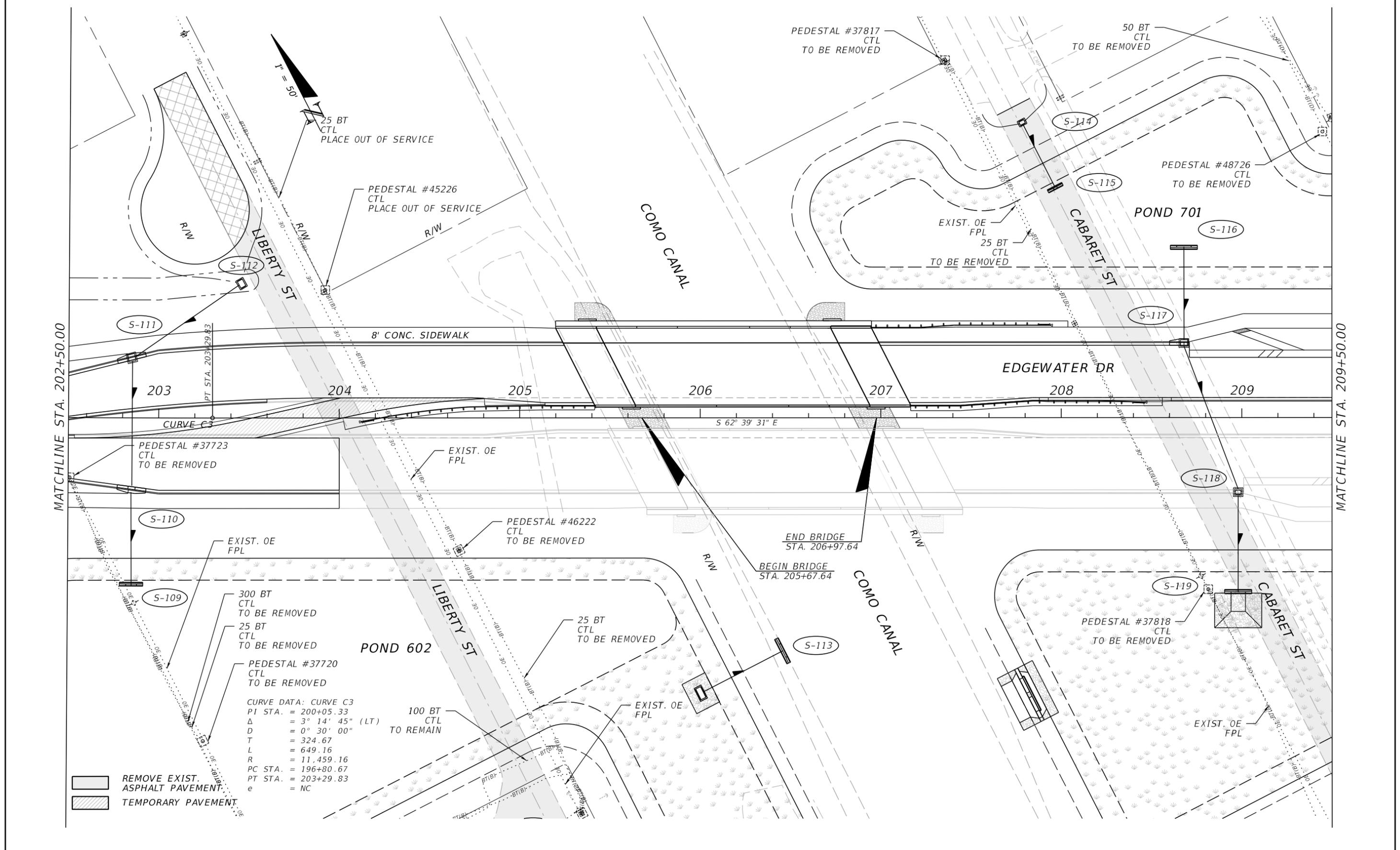
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 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
 STA. 195+50 TO STA. 202+50

SHEET NO.  
**135**

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MATCHLINE STA. 202+50.00

MATCHLINE STA. 209+50.00

REMOVE EXIST. ASPHALT PAVEMENT.  
 TEMPORARY PAVEMENT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

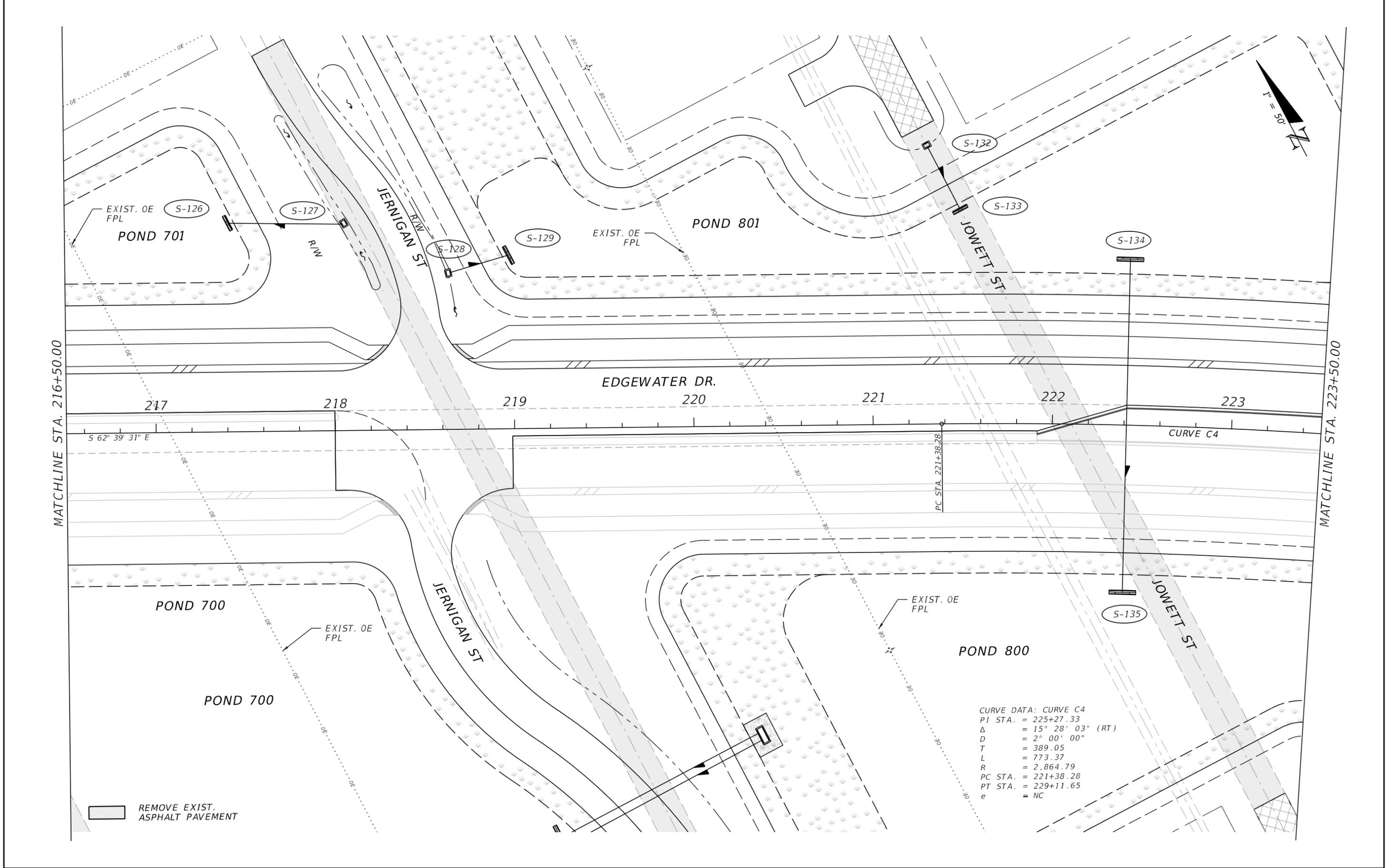
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
 STA. 202+50 TO STA. 209+50

SHEET NO.  
**136**





CURVE DATA: CURVE C4  
 PI STA. = 225+27.33  
 Δ = 15° 28' 03" (RT)  
 D = 2° 00' 00"  
 T = 389.05  
 L = 773.37  
 R = 2,864.79  
 PC STA. = 221+38.28  
 PT STA. = 229+11.65  
 e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

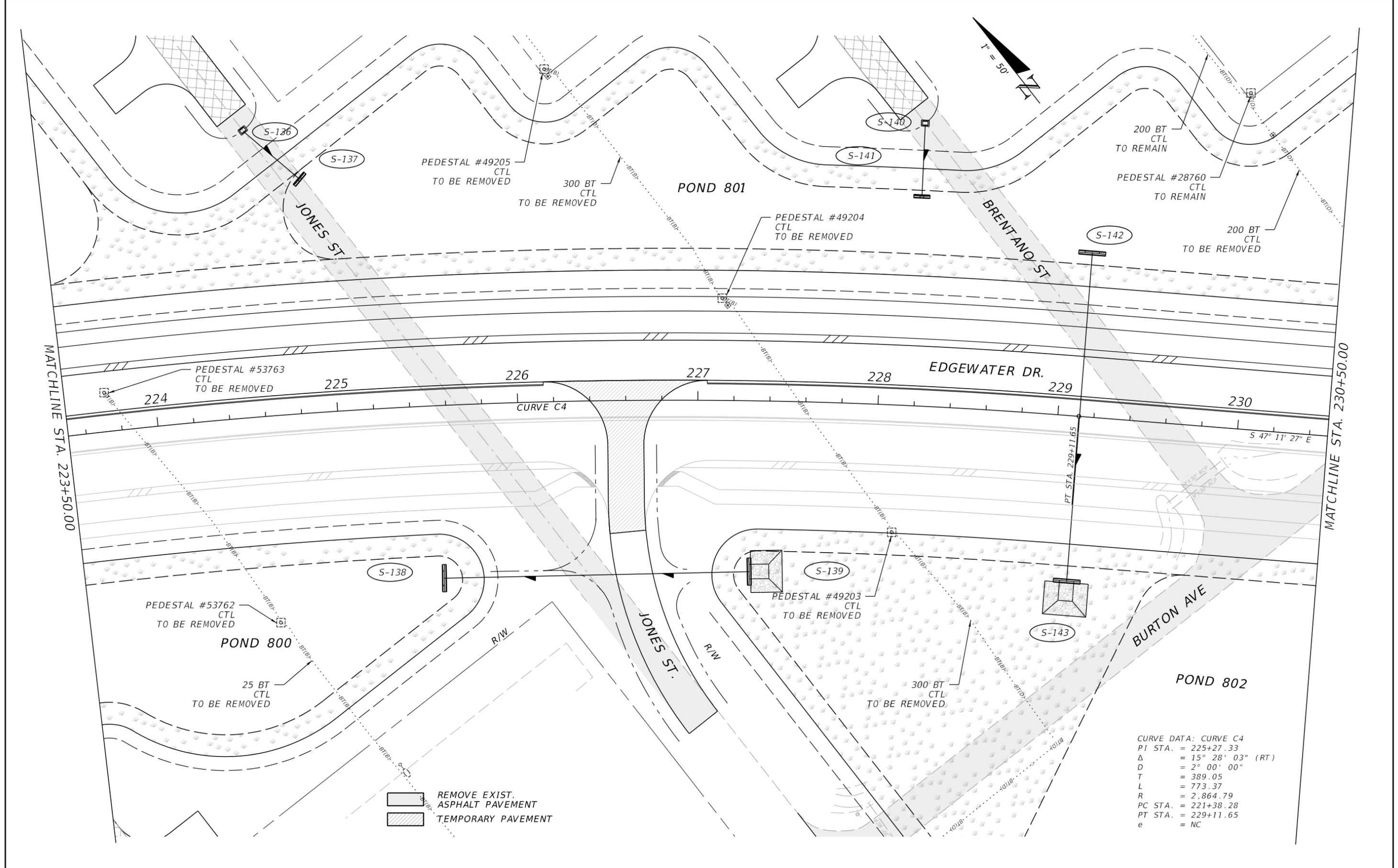
**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
**STA. 216+50 TO STA. 223+50**

SHEET NO.  
**138**

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CURVE DATA: CURVE C4  
 PI STA. = 225+27.33  
 $\Delta$  = 15° 28' 03" (RT)  
 D = 2° 00' 00"  
 T = 389.05  
 L = 773.37  
 R = 2,864.79  
 PC STA. = 221+38.28  
 PT STA. = 229+11.65  
 e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

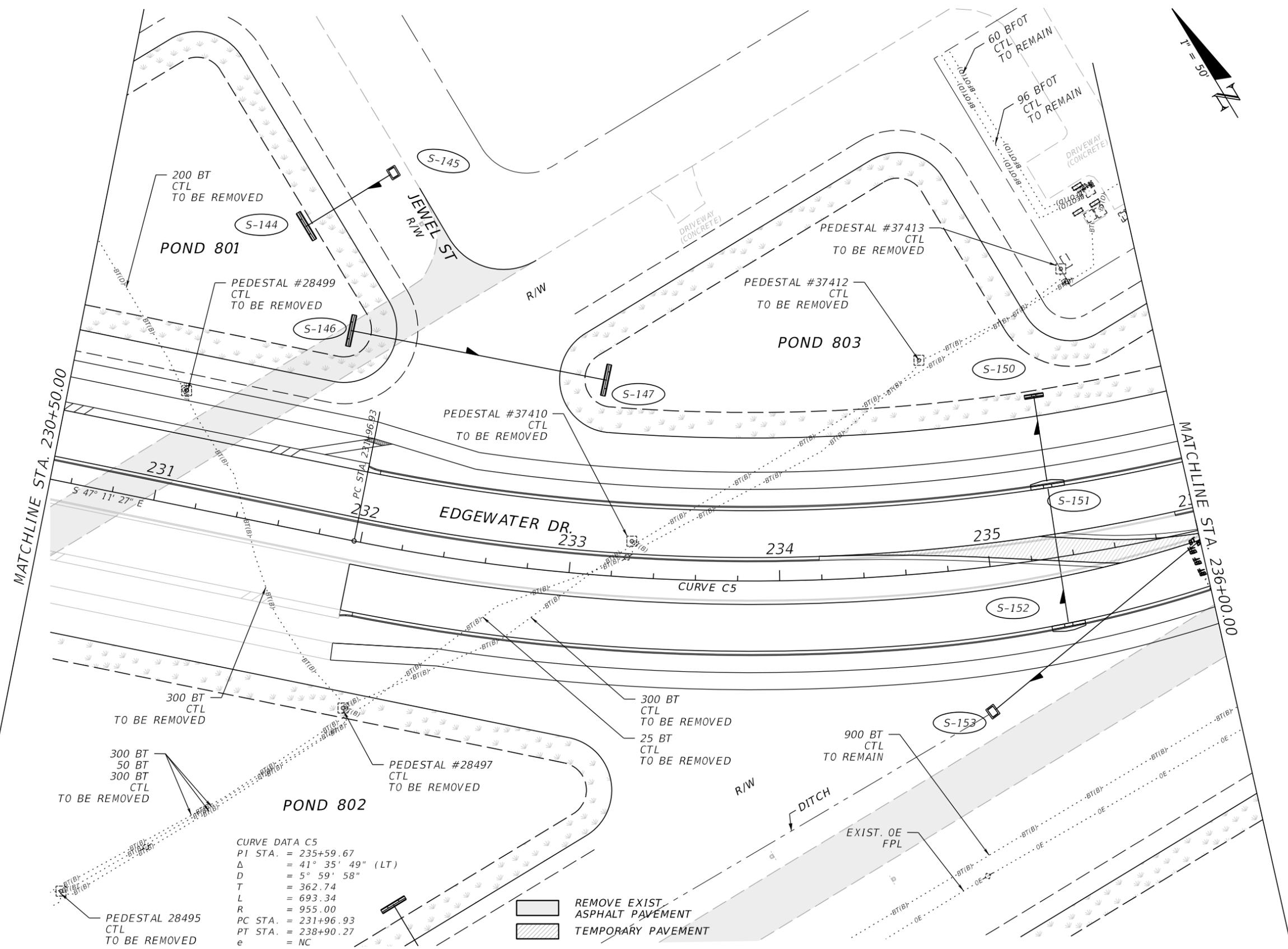
**JOHNSON ENGINEERING**  
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 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
 STA. 225+50 TO STA. 230+50

SHEET NO.  
**139**

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



**CURVE DATA C5**  
 PI STA. = 235+59.67  
 $\Delta$  = 41° 35' 49" (LT)  
 D = 5° 59' 58"  
 T = 362.74  
 L = 693.34  
 R = 955.00  
 PC STA. = 231+96.93  
 PT STA. = 238+90.27  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

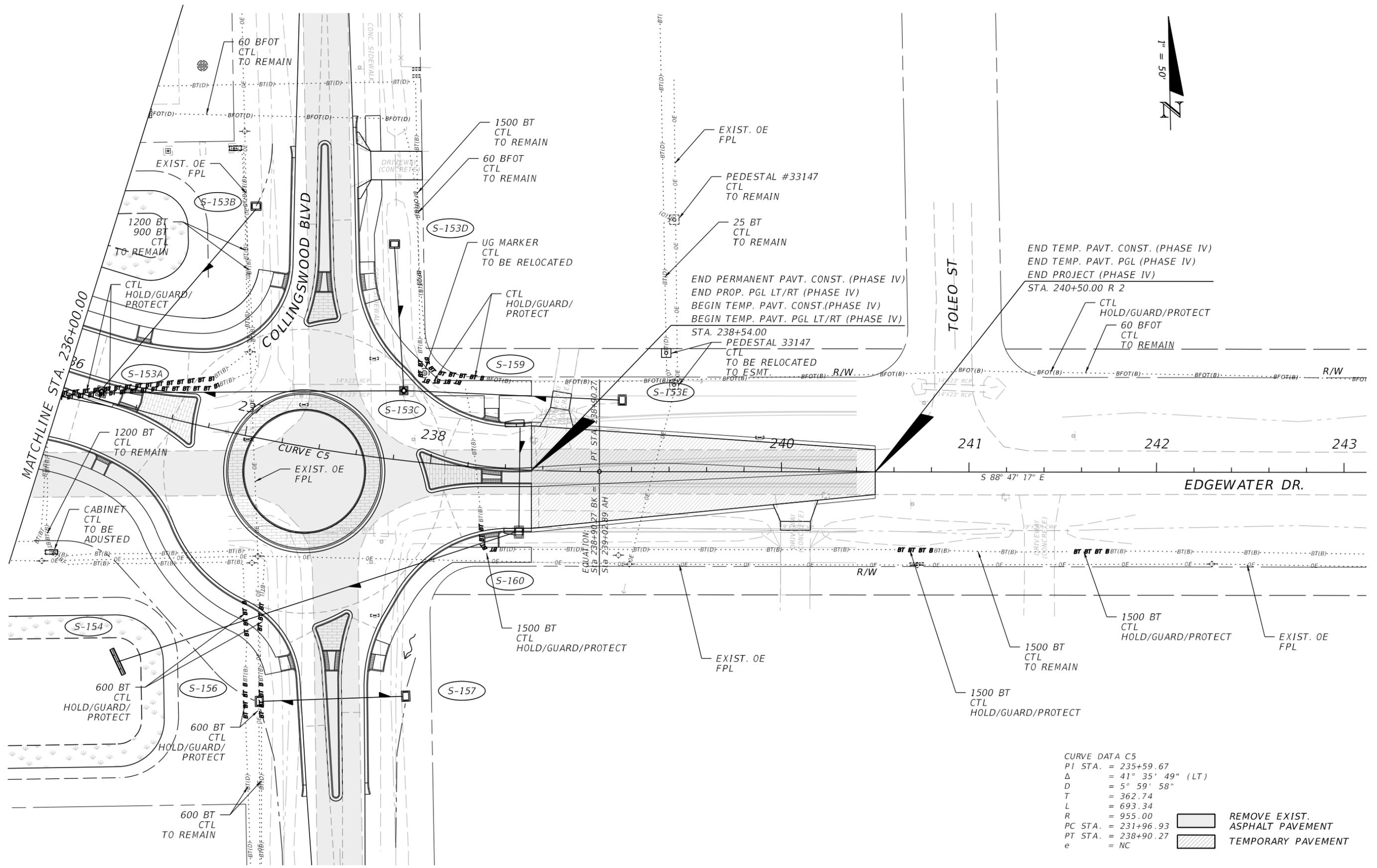
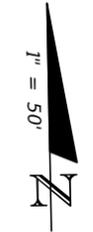
**JOHNSON ENGINEERING**  
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 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
**STA. 230+50 TO STA. 236+00**

SHEET NO.  
**140**

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END TEMP. PAVT. CONST. (PHASE IV)  
 END TEMP. PAVT. PGL (PHASE IV)  
 END PROJECT (PHASE IV)  
 STA. 240+50.00 R 2

END PERMANENT PAVT. CONST. (PHASE IV)  
 END PROP. PGL LT/RT (PHASE IV)  
 BEGIN TEMP. PAVT. CONST. (PHASE IV)  
 BEGIN TEMP. PAVT. PGL LT/RT (PHASE IV)  
 STA. 238+54.00

CURVE DATA C5  
 PI STA. = 235+59.67  
 $\Delta$  = 41° 35' 49" (LT)  
 D = 5° 59' 58"  
 T = 362.74  
 L = 693.34  
 R = 955.00  
 PC STA. = 231+96.93  
 PT STA. = 238+90.27  
 e = NC

REMOVE EXIST. ASPHALT PAVEMENT  
 TEMPORARY PAVEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

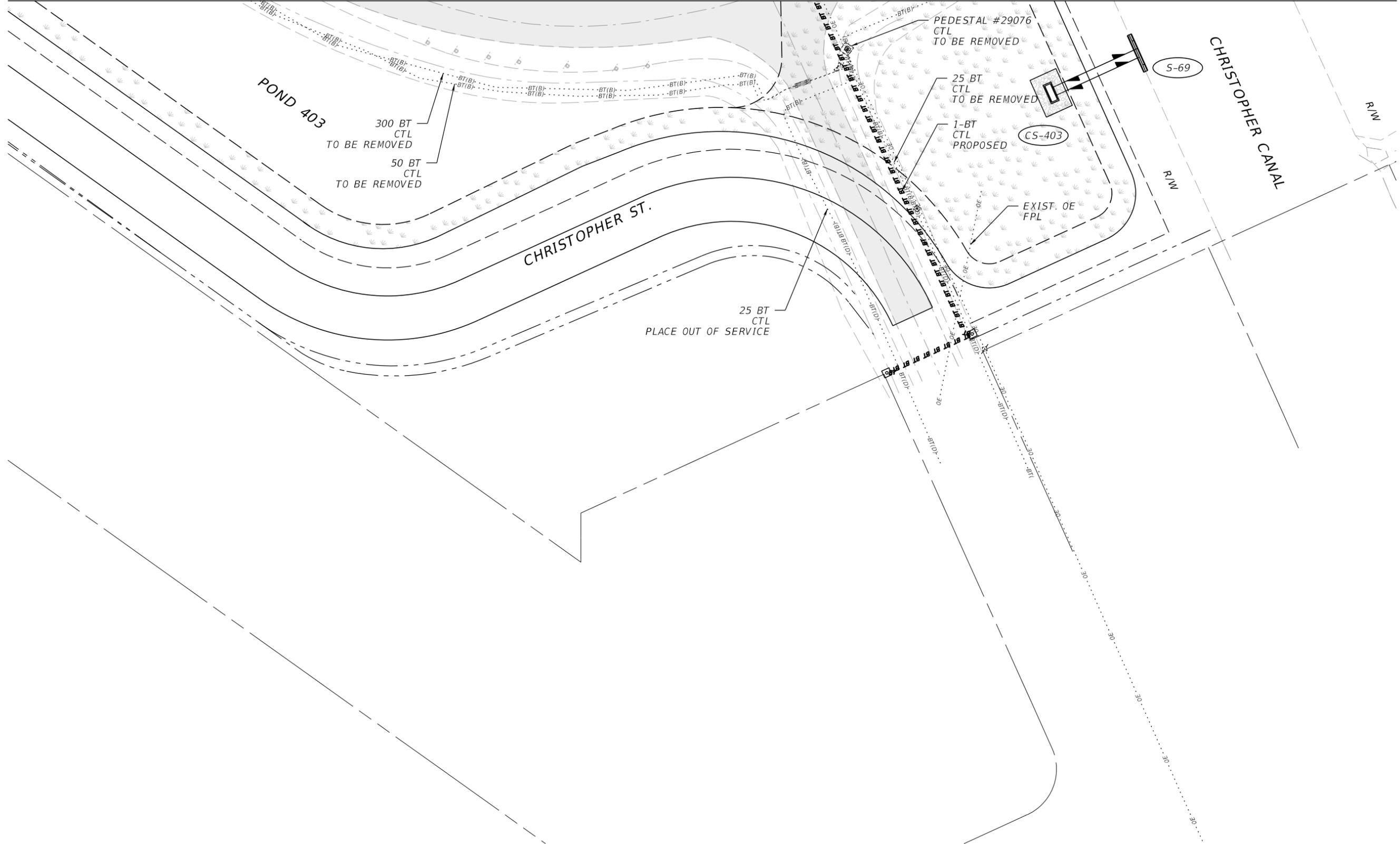
**JOHNSON ENGINEERING**  
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 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS**  
 STA. 236+00 TO STA. 245+12

SHEET NO.  
 141

MATCHLINE SEE SHEET XX



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**JOHNSON ENGINEERING**  
 2122 JOHNSON STREET  
 FORT MYERS, FL 33901  
 EB 642 & LB 642  
 RYAN K. BELL, P.E. NO. 60010

CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**UTILITY ADJUSTMENTS  
CHRISTOPHER ST.**

SHEET NO.  
**142**

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

**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION  STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 15		0104 18			
			LF		LF		EA		EA			
			P	F	P	F	P	F	P	F		
163+00.00 to 170+73.80	RT		827.0									
163+00.00 to 171+38.97	LT		883.7									
170+73.80 to 178+54.60	RT		1069.8									
171+58.28 to 175+67.48	LT		413.0									
175+88.43 to 178+41.33	LT		296.5									
178+89.32 to 179+81.67	RT		134.9									
179+84.52 to 181+47.66	LT		176.0									
180+56.77 to 181+53.22	RT		164.6									
181+69.99 to 197+42.28	LT		1692.2									
181+91.47 to 197+42.00	RT		1602.3									
197+63.52 to 198+97.88	RT		149.1									
197+69.03 to 205+04.36	LT		985.9									
199+92.53 to 202+49.07	RT		418.4									
202+49.07 to 202+81.81	RT		39.2									
202+81.81 to 207+23.59	RT		589.8									
206+13.40 to 210+68.44	LT		589.0									
208+69.34 to 210+12.06	RT		184.5									
210+56.63 to 213+57.30	RT		420.3									
210+86.28 to 217+50.19	LT		900.8									
213+97.18 to 216+94.79	RT		413.6									
217+10.41 to 220+81.48	LT		788.7									
217+33.23 to 220+05.94	RT		345.1									
220+37.14 to 223+69.04	RT		425.0									
220+99.15 to 224+05.80	LT		610.3									
223+87.48 to 226+95.81	RT		387.1									
224+21.40 to 227+57.37	LT		510.2									
227+12.49 to 227+24.89	RT		15.0									
227+24.89 to 229+80.05	RT		360.9									
227+71.23 to 236+71.19	LT		1278.4									
229+80.09 to 230+15.33	RT		39.2									
230+15.33 to 232+36.82	RT		318.8									
232+48.26 to 237+32.54	RT		749.9									
237+03.33 to 237+75.37	LT		143.1									
237+32.54 to 237+75.41	RT		138.0									
237+78.03 to 240+65.17 R2	LT		342.6									
237+93.76 to 239+99.53 R2	RT		431.2									
240+15.31 R2 to 240+65.17 R2	RT		49.9									
178+83.97 to 179+52.94	LT/RT				240.6							
178+88.09 to 179+57.29	LT/RT				244.5							
179+73.57 to 180+23.55	LT/RT				239.1							
179+79.26 to 180+27.62	LT/RT				236.7							
205+17.98 to 206+30.25	LT/RT				253.8							
205+20.43 to 206+35.23	LT/RT				259.5							
206+13.66 to 207+42.26	LT/RT				276.5							
206+18.63 to 207+45.44	LT/RT				272.6							
163+17.28 to 240+50.00	LT/RT							2				
SUB-TOTAL:			18884.0		2023.3			2				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-1

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

**SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES**

LOCATION		SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.				0104 10 3		0104 11		0104 15		0104 18			
				LF		LF		EA		EA			
		P	F	P	F	P	F	P	F				
S-56	171+15.00	LT								1			
S-59	172+00.00	LT								1			
S-60	173+97.07	LT								1			
S-64, S-66	177+23.00	RT/LT								2			
S-65	176+71.00	LT								1			
S-67, S-68	178+40.00	RT/LT								2			
CS-403	179+29.92	RT								1			
CS-500	48+34.50	RT								1			
S-71, S-72	180+70.00	RT/LT								2			
S-73	53+74.17	RT								1			
S-74	51+37.79	RT								1			
S-75	181+86.21	LT								1			
S-77	186+00.00	LT								1			
S-79, S-80, S-81	193+53.00	RT/LT								3			
S-89, S-89A	196+32.00	RT/LT								2			
S-90	196+32.00	RT								1			
S-94, S-95	51+22.70	RT/LT								2			
S-98	48+77.90	LT								1			
S-99	48+77.90	RT								1			
S-101, S-102, S-103	199+40.00	RT/LT								3			
CS-601	199+28.77	RT								1			
S-106, S-107	48+57.04	RT/LT								2			
S-110, S-111	202+85.00	RT/LT								2			
S-112	203+45.93	LT								1			
CS-602	206+00.25	RT								1			
S-114	207+78.35	LT								1			
S-117	208+68.00	LT								1			
S-118	208+98.00	RT								1			
S-120	211+18.94	LT								1			
S-122	214+55.22	LT								1			
S-127	51+32.00	LT								1			
S-128	50+82.00	RT								1			
CS-800	47+30.54	RT								1			
S-132	221+31.57	LT								1			
S-136	224+59.75	LT								1			
S-140	228+19.04	LT								1			
S-145	231+81.13	LT								1			
CS-900	233+55.86	RT								1			
S-151, S-152	235+32.71	RT/LT								2			
S-153	234+93.70	RT								1			
S-153B	51+40.00	LT								1			
S-153D	51+20.00	RT								1			
S-153E	239+15.00	LT								1			
S-156, S-157	48+79.80	RT/LT								2			
S-159	238+46.75	LT								1			
S-160	238+48.75	RT								1			
SUB-TOTAL:										59			
TOTAL:				18884		2023		2		59			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-2

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	Excavation				
	Roadway Edgewater	5,865			
	Roadway Christopher	728			
	Roadway Granville	30			
	Roadway Jessica	116			
	Roadway Como	21			
	Roadway Flamingo	43			
	Roadway Jernigan	177			
	Roadway Jones	29			
	Roadway Collingswood	142			
	Pond 403	43,313			
	Pond 500	35,293			
	Pond 600	23,368			
	Pond 601	12,925			
	Pond 602	23,347			
	Pond 700	60,322			
	Pond 701	19,218			
	Pond 800	19,218			
	Pond 801	30,460			
	Pond 802	38,530			
	Pond 803	6,157			
	Pond 900	8,980			
	TOTAL	328,282			
120-6	Embankment				
	Roadway Edgewater	43,048			
	Roadway Christopher	260			
	Roadway Granville	79			
	Roadway Jessica	629			
	Roadway Como	1,209			
	Roadway Flamingo	405			
	Roadway Jernigan	161			
	Roadway Jones	58			
	Roadway Collingswood	465			
	Pond 403	36			
	Pond 500	4			
	Pond 600	2			
	Pond 601	1			
	Pond 602	0			
	Pond 700	13			
	Pond 701	16			
	Pond 800	8			
	Pond 801	33			
	Pond 802	16			
	Pond 803	0			
	Pond 900	8			
	TOTAL	46,451			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-3

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	Type B Stabilization	38+84.43 to 50+11.29	Rdwy Christopher	LT/RT	38053	SY	3321.1		56878			
		46+63.92 to 49+67.00	Rdwy Jernigan	LT/RT	39352		884.9					
		47+07.70 to 49+16.04	Rdwy Flamingo	RT	38811		751.2					
		47+25.12 to 49+20.83	Rdwy Como	LT/RT	38774		673.9					
		47+25.22 to 49+23.37	Rdwy Collingswood	LT/RT	39508		705.8					
		48+00.00 to 50+10.10	Rdwy Jessica	LT/RT	38485		599.8					
		48+13.50 to 50+08.38	Rdwy Jones	LT/RT	39856		571.6					
		50+36.79 to 51+33.07	Rdwy Granville	LT/RT	38393		296.6					
		50+37.00 to 52+36.49	Rdwy Jernigan	LT/RT	39342		576.7					
		50+41.23 to 51+60.00	Rdwy Jessica	LT/RT	38472		356.9					
		50+79.24 to 52+74.86	Rdwy Como	LT/RT	38740		674.3					
		50+79.26 to 52+82.27	Rdwy Collingswood	LT/RT	39480		724.3					
		163+17.28 to 171+13.74	Rdwy Transition at Begin Project	LT/RT	39612		2028.7					
		167+99.54 to 171+29.58	Sdwb Begin to Granville	LT	38400		315.5					
		167+99.54 to 178+72.97	Rdwy Begin to Bridge	LT	38364		3910.7					
		171+68.14 to 177+20.06	Sdwb Granville to Bridge	LT	38410		500.3					
		175+65.45 to 176+45.88	Rdwy Christopher Cul de Sac	LT	66790		286.8					
		180+36.69 to 196+81.58	Rdwy Bridge to Como	LT/RT	39894		7227.6					
		181+79.92 to 197+34.62	Sdwb Jessica to Como	LT	38566		1527.7					
		193+43.83 to 197+34.24	Sdwb Jessica to Como	RT	38601		409.0					
		196+68.90 to 202+11.22	Rdwy Roundabout	LT/RT	38908		5181.9					
		197+72.99 to 201+26.67	Sdwb Como to Flamingo	RT	39011		373.5					
		197+74.19 to 205+23.57	Sdwb Como to Bridge	LT	38972		736.1					
		201+64.74 to 204+00.00	Sdwb Flamingo to Bridge	RT	39185		255.1					
		201+96.63 to 205+41.54	Rdwy Flamingo to Bridge	LT/RT	39208		2099.9					
		202+92.86 to 203+42.94	Cul de Sac Liberty	LT	39683		280.4					
		206+94.89 to 218+27.97	Sdwb Bridge to Jessica	LT	39322		1123.2					
		206+98.57 to 236+64.88	Rdwy Bridge to Collingswood	LT/RT	39958		12404.4					
		209+47.06 to 210+01.87	Hammerhead Cabaret	RT	39794		134.6					
		210+40.97 to 211+04.84	Hammerhead Ledgewood	LT	39776		134.8					
		213+51.33 to 214+15.35	Hammerhead Ledgewood	RT	39786		134.6					
		216+92.56 to 217+52.06	Hammerhead La Rue	RT	39804		132.4					
		217+97.87 to 222+41.65	Rdwy Left Turn near Jernigan	LT/RT	39363		1004.0					
		218+67.75 to 237+05.78	Sdwb Jernigan to Collingswood	LT	39373		1792.3					
		220+53.95 to 221+17.75	Hammerhead Jowett	LT	39814		134.9					
		223+41.79 to 224+13.80	Hammerhead Jowett	RT	39824		134.6					
		223+83.16 to 224+46.39	Hammerhead Jones	LT	39835		134.6					
		227+39.08 to 228+05.79	Hammerhead Brentano	LT	39845		135.1					
		231+96.31 to 237+45.14	Sdwb Jernigan to Collingswood	RT	39404		589.8					
		232+35.82 to 232+92.25	Cul de Sac Edgewater	RT	39868		113.3					
		232+48.35 to 233+03.51	Cul de Sac Edgewater	RT	39873		113.7					
		236+48.40 to 238+20.43	Rdwy Collingswood Roundabout	LT/RT	39436		1919.2					
		237+35.51 to 238+52.46	Sdwb Collingswood to End	LT	66742		204.0					
		237+80.28 to 238+55.77	Sdwb Collingswood to End	RT	39582		114.7					
		238+06.24 to 240+50.19 R2	Rdwy Collingswood to End	LT/RT	66771		1153.1					
285706	Optional Base, Base Group 06	167+99.54 to 171+20.02	Paved Shoulder Begin to Granville	LT	65779	SY	140.1		1887			
		171+77.69 to 177+20.00	Paved Shoulder Granville to Bridge	LT	65785		230.4					
		181+92.29 to 193+44.51	Paved Shoulder Jessica to Como	LT	65793		509.5					
		208+71.03 to 218+18.42	Paved Shoulder Bridge to Jernigan	LT	65799		418.7					
		218+77.31 to 231+96.93	Paved Shoulder Jernigan to Collingswood	LT	65804		588.4					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-4

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
285709	Optional Base, Base Group 09	38+84.43 to 50+10.96	Christopher St	LT/RT	65161	SY	2893.0		37993			
		46+63.92 to 49+66.67	Jernigan St. RT	LT/RT	65391		759.4					
		46+90.76 to 49+02.23	Flamingo Blvd	LT/RT	65334		603.3					
		47+25.20 to 49+19.71	Como St RT	LT/RT	65247		529.6					
		47+25.28 to 49+22.34	Collingswood Blvd RT	LT/RT	65620		562.6					
		48+00.00 to 49+28.10	Jessic Ter RT	LT/RT	65219		294.1					
		48+13.50 to 49+27.78	Jones St	LT/RT	65482		262.3					
		49+27.78 to 50+10.64	Jones St Temp Pavt.	LT/RT	65471		252.5					
		49+28.10 to 50+13.82	Jessic Ter Temp Pavt. RT	LT/RT	65209		245.9					
		50+33.05 to 51+33.07	Granville Ave	LT/RT	65154		286.1					
		50+33.33 to 52+36.49	Jernigan St. LT	LT/RT	65361		528.3					
		50+38.90 to 51+60.00	Jessic Ter LT	LT/RT	65199		324.3					
		50+80.24 to 52+74.78	Como St LT	LT/RT	65264		529.8					
		50+80.48 to 52+82.28	Collingswood Blvd LT	LT/RT	65487		575.1					
		163+17.30 to 170+80.00	Temp Pavt Edgewater Begin	LT/RT	65119		1492.4					
		167+99.54 to 178+72.48	Begin to Bridge	LT	65130		2747.8					
		175+67.15 to 176+44.72	Christopher St. Cul de Sac	LT	65638		260.2					
		180+38.47 to 196+80.82	Bridge to Como Roundabout	LT	65181		4168.6					
		193+44.51 to 196+79.90	193+44.51 to Como Roundabout RT	RT	65226		827.3					
		194+24.92 to 196+34.58	Temp Pavt Approach Como Roundabout	LT/RT	65237		135.5					
		196+69.83 to 202+10.21	Como - Flamingo Roundabout RT	LT/RT	9411		2234.3					
		196+71.84 to 202+05.26	Como - Flamingo Roundabout LT	LT/RT	9386		2065.9					
		201+97.32 to 205+40.86	Como Roundabout to Bridge LT	LT/RT	65287		1029.0					
		201+98.74 to 204+00.00	Como Roundabout to Bridge RT	RT	65314		586.7					
		202+53.34 to 204+80.45	Temp Pavt Departure Flamingo Roundabout	LT/RT	65326		145.3					
		202+94.28 to 203+42.13	Liberty St. Cul de Sac	LT	65649		253.9					
		206+99.77 to 218+93.47	Bridge to Jernigan	LT	65441		3087.5					
		209+47.82 to 210+01.87	Cabaret St. Hammerhead	RT	65677		111.7					
		210+41.73 to 211+06.06	Ledgewood St. Hammerhead	LT	65666		119.8					
		213+60.52 to 214+14.59	Ledgewood St. Hammerhead	RT	65686		111.7					
		216+97.21 to 217+51.30	La Rue St. Hammerhead	RT	65695		111.7					
		217+99.54 to 222+41.30	Jernigan Left Turn Lane	LT/RT	65400		1027.6					
		218+93.47 to 236+64.46	Jernigan St. to Collingswood Roundabout	LT	65565		4367.3					
		220+54.71 to 221+08.58	Jowett St. Hammerhead LT	LT	65704		111.7					
		223+52.92 to 224+12.83	Jowett St. Hammerhead RT	RT	65713		111.7					
		223+83.99 to 224+36.06	Jones St. Hammerhead	LT	65722		111.7					
		227+40.07 to 227+93.30	Brentano St. Hammerhead	LT	65731		111.9					
		231+96.93 to 236+60.17	231+96.93 to Collingswood Roundabout RT	RT	65595		1177.1					
		232+36.65 to 232+91.08	Edgewater Dr. Cul de Sac	RT	65654		90.8					
		232+48.35 to 233+02.34	Edgewater Dr. Cul de Sac	RT	65660		91.2					
		234+19.08 to 236+27.69	Temp Pavt Approach Collingswood Roundabout	LT/RT	65586		125.6					
		237+38.09 to 237+38.09	Collingswood Roundabout	RT	9515		1507.6					
		238+06.96 to 238+53.95	Collingswood Roundabout to End	LT	9554		106.8					
		238+08.21 to 238+55.13	Collingswood Roundabout to End	RT	9562		109.3					
		238+53.08 to 240+50.00 R2	Temp Pavt Edgewater End of Project	LT/RT	65610		806.8					
0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	175+67.48 to 176+68.87	Cul de sac Christopher St.	LT	60435	SY	241.4		3882			
		202+96.88 to 203+47.35	Cul de sac Liberty St	LT	5370		200.2					
		202+96.88 to 203+47.35	Cul-de-sac Christopher	LT	5222		200.1					
		209+65.15 to 210+20.04	Hammerhead Ledgewood St	RT	5229		183.4					
		209+65.15 to 210+20.04	Hammerhead Cabaret St	RT	5401		183.4					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-5

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION				P	F	P	F			
0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth (CONT'D)	210+68.79 to 211+22.66	Cul-de-sac Christopher	LT	5240	SY	170.5						
		210+68.79 to 211+22.66	Hammerhead Ledgewood St LT	LT	5377		170.5						
		213+33.48 to 213+87.98	Hammerhead Ledgewood St RT	RT	5406		178.1						
		213+33.48 to 213+87.98	Hammerhead Ledgewood St	RT	5234		178.1						
		216+74.92 to 217+24.73	Hammerhead La Rue St	RT	5412		154.4						
		216+74.92 to 217+24.73	Hammerhead Ledgewood St	RT	5245		154.4						
		220+81.48 to 221+35.60	Hammerhead Jowett St LT	LT	5382		177.2						
		220+81.48 to 221+35.60	Hammerhead Ledgewood St	LT	5252		177.2						
		223+23.68 to 223+87.21	Hammerhead Jowett St RT	RT	5419		173.1						
		223+23.68 to 223+87.21	Hammerhead Ledgewood St	RT	5262		173.1						
		224+05.80 to 224+62.21	Hammerhead Ledgewood St	LT	5257		178.0						
		224+05.80 to 224+62.21	Hammerhead Jones St	LT	5387		178.0						
		227+57.37 to 228+19.88	Hammerhead Ledgewood St	LT	5270		174.9						
		227+57.37 to 228+19.88	Hammerhead Brentano St	LT	5392		174.9						
0334 2A	Type S-I Leveling Course 1.5"	232+36.82 to 233+02.11	Hammerhead Ledgewood St	RT	5279		230.3						
		232+36.82 to 233+02.11	Cul de Sac Edgewater Dr	RT	5427		230.3						
0334 2A	Type S-I Leveling Course 1.5"	175+67.48 to 176+68.87	Leveling Cul de Sac Christopher	LT	60405	TN	24.49		60.0				
		202+96.88 to 203+47.35	Leveling Cul de Sac Liberty St.	LT	60412		16.51						
		232+36.82 to 233+02.11	Leveling Cul de Sac Edgewater Dr	RT	60419		19.00						
0334 2A	Type S-I Structural Course 1.5"	38+84.43 to 49+32.00	Christopher St	LT/RT	8158	TN	211.26		786.9				
		46+63.92 to 49+67.00	Jernigan St	LT/RT	4758		60.98						
		48+00.00 to 49+28.10	Jessica Ter	LT/RT	8173		23.49						
		48+13.50 to 49+27.78	Jones St.	LT/RT	69522		13.97						
		49+27.78 to 50+10.64	Temp Pavt Jones St	LT/RT	6346		20.21						
		49+28.10 to 50+13.82	Temp Pavt Jessica	LT/RT	6308		19.67						
		49+32.00 to 50+11.29	Temp Pavt Christopher	LT/RT	6177		20.75						
		50+32.72 to 51+33.07	Granville Ave	LT/RT	4669		23.15						
		50+33.00 to 52+36.49	Jernigan St	LT/RT	4769		42.74						
		50+38.91 to 51+60.00	Jessica Ter	LT/RT	4676		26.05						
		163+17.28 to 170+80.00	Temp Pavt Edgewater Begin	LT/RT	6166		120.07						
		175+67.48 to 176+44.49	Cul de Sac Christopher St	LT	60443		21.03						
		194+24.92 to 196+34.58	Temp Pavt Approach Como Roundabout	LT/RT	6316		10.62						
		202+53.34 to 204+80.45	Temp Pavt Departure Flamingo Roundabout	LT/RT	6337		11.71						
		202+94.56 to 203+41.97	Cul de Sac Liberty Widening	LT	5621		20.52						
		209+47.96 to 210+01.87	Hammerhead Cabaret St Widening	RT	5660		8.91						
		210+41.88 to 211+06.06	Hammerhead Ledgewood St Widening LT	LT	5626		9.51						
		213+60.52 to 214+14.44	Hammerhead Ledgewood St Widening RT	RT	5667		8.91						
		216+97.21 to 217+51.16	Hammerhead La Rue St Widening	RT	5674		8.91						
		220+54.86 to 221+08.16	Hammerhead Jowett St Widening LT	LT	5637		8.91						
		223+52.92 to 224+12.64	Hammerhead Jowett St Widening RT	RT	5681		8.91						
		223+84.15 to 224+36.06	Hammerhead Jones St Widening	LT	5645		8.91						
		227+40.27 to 227+93.30	Hammerhead Brentano St Widening	LT	5652		8.89						
		232+36.89 to 232+90.85	Cul de Sac Edgewater Widening	RT	5688		7.52						
		232+48.35 to 233+02.11	Cul de Sac Edgewater Widening	RT	5692		7.55						
		234+19.08 to 236+27.70	Temp Pavt Approach Collingswood Roundabout	LT/RT	6355		10.16						
		238+53.09 to 240+50.00 R2	Pavt Transition End of Project	LT/RT	60163		43.63						
0334 2A	Type S-I Structural Course 3.0"	167+99.54 to 178+72.48	Begin to Bridge	LT	3501	TN	443.44		4543.0				
		180+38.47 to 196+80.82	Bridge to Como Roundabout	LT	3587		680.82						
		193+44.51 to 196+79.90	Bridge to Como Roundabout RT	RT	3604		134.75						
		196+69.83 to 202+10.21	Como-Flamingo Roundabout RT	LT/RT	3640		368.66						

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-6

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0334 2A	Type S-I Structural Course	196+71.84 to 202+05.26	Como-Flamingo Roundabout LT	LT/RT	3615	TN	340.87					
	3.0" (CONT'D)	197+30.71 to 197+75.34	Como St	LT	3785		86.18					
		197+32.10 to 197+76.86	Como St	RT	3802		86.14					
		201+20.98 to 202+11.87	Flamingo Blvd	RT	3817		98.11					
		201+97.32 to 205+40.86	Como Roundabout to Bridge	LT/RT	3676		168.85					
		201+98.74 to 204+00.00	Como Roundabout to Bridge	RT	3689		95.89					
		206+99.77 to 218+93.47	Bridge to Jernigan	LT	3700		498.53					
		217+99.87 to 222+41.30	Left Turn Lane near Jernigan	LT/RT	4746		167.31					
		218+93.47 to 236+64.46	Jernigan to Collingswood Roundabout	LT	3710		711.64					
		231+96.93 to 236+60.17	Jernigan to Collingswood Roundabout RT	RT	3724		191.59					
		236+49.31 to 238+19.47	Collingswood Roundabout	LT/RT	58913		248.75					
		236+68.35 to 237+52.48	Collingswood Blvd	LT	3834		94.21					
		237+40.70 to 237+93.76	Collingswood Blvd	RT	3849		91.56					
		238+06.96 to 238+53.95	Collingswood Roundabout to End	LT	3770		17.62					
		238+08.21 to 238+55.13	Collingswood Roundabout to End	RT	3778		18.04					
0334 2B	Type S-III Surface Course	38+84.43 to 49+32.00	Christopher St	LT/RT	8023	TN	211.26		3412.9			
	1.5"	46+63.92 to 49+67.00	Jernigan St RT	LT/RT	7101		60.98					
		46+90.76 to 49+02.23	Flamingo Blvd	LT/RT	7875		49.05					
		47+25.21 to 49+19.71	Como St RT	LT/RT	7860		43.07					
		47+25.29 to 49+22.34	Collingswood Blvd RT	LT/RT	7907		45.78					
		48+00.00 to 49+28.10	Jessica Ter RT	LT/RT	8038		23.49					
		48+13.50 to 49+27.78	Jones St	LT/RT	8043		20.95					
		49+27.78 to 50+10.64	Jones St Temp Pavt	LT/RT	7274		20.21					
		49+28.10 to 50+13.82	Jessica Ter Temp Pave RT	LT/RT	7239		19.67					
		49+32.00 to 50+11.29	Christopher Temp Pave	LT/RT	7225		20.75					
		50+32.72 to 51+33.07	Granville Ave	LT/RT	7084		23.15					
		50+33.00 to 52+36.49	Jernigan St LT	LT/RT	7112		42.74					
		50+38.91 to 51+60.00	Jessica Ter LT	LT/RT	7091		26.05					
		50+80.24 to 52+74.77	Como St LT	LT/RT	7843		43.09					
		50+80.48 to 52+82.27	Collingswood Blvd LT	LT/RT	7892		47.11					
		163+17.28 to 170+80.00	Temp Pavt Edgewater Begin	LT/RT	7214		120.07					
		167+99.54 to 171+20.11	Shoulder Begin to Granville	LT	8178		11.56					
		167+99.54 to 178+72.48	Begin to Bridge	LT	7631		221.72					
		171+77.61 to 177+20.00	Shoulder Granville to Bridge	LT	8183		19.01					
		175+67.48 to 176+68.72	Cul de Sac Christopher St	LT	8053		40.88					
		180+38.47 to 196+80.82	Bridge to Como Roundabout	LT	7645		340.41					
		181+92.21 to 193+44.51	Shoulder Jessica to Como	LT	8191		42.03					
		193+44.51 to 196+79.90	193+44.51 to Como Roundabout RT	RT	7662		67.38					
		194+24.92 to 196+34.58	Temp Pavt Approach Como Roundabout	LT/RT	7247		10.62					
		196+69.83 to 202+10.21	Como - Flamingo Roundabout RT	LT/RT	7698		184.33					
		196+71.84 to 202+05.26	Como - Flamingo Roundabout LT	LT/RT	7673		170.44					
		201+97.32 to 205+40.86	Como Roundabout to Bridge LT	LT/RT	7734		84.42					
		201+98.74 to 204+00.00	Como Roundabout to Bridge RT	RT	7747		47.94					
		202+53.34 to 204+80.45	Temp Pavt Departure Flamingo Roundabout	LT/RT	7265		11.71					
		202+94.56 to 203+46.87	Cul de Sac Liberty	LT	8060		37.03					
		206+99.77 to 218+93.47	Bridge to Jernigan	LT	7758		249.27					
		208+71.03 to 218+18.50	Shoulder Bridge to Jernigan	LT	8197		34.55					
		209+47.96 to 210+20.04	Hammerhead Cabaret St	RT	8110		24.04					
		210+41.88 to 211+22.70	Hammerhead Ledgewood St LT	LT	8065		23.62					
		213+33.48 to 214+14.44	Hammerhead Ledgewood St RT	RT	8120		23.60					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-7

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION				P	F	P	F			
0334 2B	Type S-III Surface Course 1.5" (CONT'D)	216+74.92 to 217+51.16	Hammerhead La Rue St	RT	8130	TN	21.65						
		217+99.87 to 222+41.30	Left Turn Lane near Jernigan	LT/RT	7926		83.65						
		218+77.22 to 231+96.93	Shoulder Jernigan to Collingswood	LT	8203		48.54						
		218+93.47 to 236+64.46	Jernigan to Collingswood Roundabout	LT	7768		355.82						
		220+54.86 to 221+35.60	Hammerhead Jowett St LT	LT	8075		23.53						
		223+23.68 to 224+12.64	Hammerhead Jowett St RT	RT	8141		23.19						
		223+84.15 to 224+62.21	Hammerhead Jones St	LT	8087		23.59						
		227+40.27 to 228+19.88	Hammerhead Brentano St	LT	8097		23.32						
		231+96.93 to 236+60.17	231+96.93 to Collingwood Roundabout RT	RT	7782		95.79						
		232+36.82 to 232+80.16	Cul de Sac Edgewater	RT	8153		34.07						
		234+19.08 to 236+27.70	Temp Pavt Approach Collingswood Roundabout	LT/RT	7283		10.16						
		237+38.09 to 237+38.09	Collingswood Roundabout	RT	7979		124.37						
		238+06.96 to 238+53.95	Collingswood Roundabout to End	LT	7828		8.81						
		238+08.21 to 238+55.13	Collingswood Roundabout to End	RT	7836		9.02						
		238+53.09 to 240+50.00 R2	Temp. Pavt Edgewater End of Project	LT/RT	60486		65.45						
0350 4 9	Reinforced Cement Concrete Pavement, 10"	197+65.74 to 197+80.12	Como Roundabout	LT/RT	65924	SY	136.5		478				
		200+97.27 to 201+13.48	Flamingo Roundabout	LT/RT	65951		136.5						
		237+26.52 to 237+28.09	Collingswood Roundabout	LT	65983		205.2						
0523 1	Patterned Pavement, Vehicular Areas	196+59.77 to 196+92.56	Como Splitter Island	LT/RT	67844	SY	54.4		754				
		197+45.61 to 197+60.72	Como Splitter Island	LT	67853		18.0						
		197+47.02 to 197+62.81	Como Splitter Island	RT	67862		19.1						
		197+65.74 to 197+80.12	Como Roundabout	LT/RT	47107		136.5						
		200+97.27 to 201+13.48	Flamingo Roundabout	LT/RT	47143		136.5						
		201+34.09 to 201+48.69	Flamingo Splitter Island	RT	67871		19.3						
		201+84.83 to 202+18.15	Flamingo Splitter Island	RT	67882		30.2						
		236+41.25 to 236+72.48	Collingswood Splitter Island	LT/RT	67892		54.4						
		237+22.25 to 237+38.27	Collingswood Splitter Island	LT	67924		19.6						
		237+26.52 to 237+28.09	Collingswood Roundabout	LT	47685		205.2						
237+52.50 to 237+67.09	Collingswood Splitter Island	RT	67903		22.3								
237+94.25 to 238+27.76	Collingswood Splitter Island	LT/RT	67914		38.9								

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT ID</th> </tr> <tr> <td> </td> <td>CHARLOTTE</td> <td>20225022-00R</td> </tr> </table>	ROAD NO.	COUNTY	PROJECT ID		CHARLOTTE	20225022-00R	<b>SUMMARY OF QUANTITIES</b>	SHEET NO. SQ-8
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	PROJECT ID																							
	CHARLOTTE	20225022-00R																							

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

SUMMARY OF MISCELLANEOUS ASPHALT PAVEMENT									
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	THICK (IN)	UNDER GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
						0339	1		
STA. TO STA.						TN			
						P	F		
177+32.93 to 178+72.97	LT	41607				2.91			
180+36.69 to 181+35.60	LT	41622				3.15			
180+44.32 to 181+38.76	LT	41637				3.03			
204+02.01 to 205+41.54	LT/RT	41646				7.34			
206+94.89 to 208+03.66	LT	41658				4.32			
207+16.54 to 208+56.00	LT	41665				3.69			
SUB-TOTAL:						24.44			
TOTAL:						24.4			

SUMMARY OF GUARDRAIL												
LOCATION		SIDE	GUARDRAIL General TL-3		BRIDGE ANCHORAGE ASSEMBLY CONNECTION Approach TL-3		END TREATMENT Parallel Approach		REMOVE EXISTING GUARDRAIL		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0536	1	1	0536	8	112	0536	85		
		LF		EA		EA		LF				
		P	F	P	F	P	F	P	F			
177+43.00	178+73.58	LT	124.4		1		1					
180+36.06	181+25.40	LT	84.4		1		1					
180+43.71	181+28.68	LT	84.4		1		1					
204+12.67	205+42.15	LT/RT	130.1		1		1					
206+94.29	207+93.66	LT	99.4		1		1					
207+15.94	208+46.00	LT	130.1		1		1					
170+84.00	180+95.30	RT							207.0		Bridge at Christopher Canal	
SUB-TOTAL:			652.7		6		6		207.0			
TOTAL:			653		6		6		207			

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS											
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
0530 3 4	RipRap Rubble Ditch Lining (1.5' thick)	CS-403		RT	TN	19.5		289			
		CS-500		RT	TN	19.5					
		CS-601		RT	TN	17.8					
		CS-602		RT	TN	17.8					
		CS-700		RT	TN	23.0					
		CS-800		RT	TN	19.5					
		CS-900		RT	TN	17.8					
		S-76		RT	TN	47.3					
		S-119		RT	TN	39.5					
		S-139		RT	TN	32.3					
		S-143		RT	TN	35.1					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

SUMMARY OF QUANTITIES

SHEET NO. SQ-9

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**

LOCATION  STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0522 2		0527 2			
			SY		SY		SF			
P	F	P	F	P	F					
167+99.54 to 171+31.86	LT	68038	294.2						Begin to Granville	
171+65.86 to 178+59.74	LT	68047	584.1						Granville to Bridge	
181+77.64 to 197+34.94	LT	69164	1422.3						Jessica to Como	
193+43.88 to 197+34.57	RT	68201	378.8						Jessica to Como RT	
196+48.28 to 196+60.33	LT/RT	68612	12.1						Median Crosswalk at Roundabout	
197+49.28 to 197+58.44	RT	68622	9.9						Median Crosswalk at Roundabout	
197+50.00 to 197+59.00	LT	68653	9.9						Median Crosswalk at Roundabout	
197+72.67 to 201+26.98	RT	68228	345.8						Como to Flamingo	
197+73.86 to 205+23.74	LT	68248	697.4						Como to Bridge	
201+39.34 to 201+48.19	RT	68664	8.1						Median Crosswalk at Roundabout	
201+64.41 to 202+83.10	RT	68525	143.6						Flamingo to Bridge	
202+17.59 to 202+29.64	RT	68673	5.6						Median Crosswalk at Roundabout	
202+83.07 to 204+00.00	RT	68548	105.9						Flamingo to Bridge	
206+94.89 to 218+30.25	LT	69194	1019.6						Bridge to Jernigan	
218+65.47 to 237+06.14	LT	69212	1663.4						Jernigan to Collingswood	
231+96.36 to 237+45.42	RT	68791	545.8						Jones to Collingswood RT	
236+29.72 to 236+42.24	LT/RT	68977	12.5						Median Crossing Roundabout	
237+23.46 to 237+33.44	LT	68988	8.9						Median Crossing Roundabout	
237+35.94 to 237+49.52	LT	68840	16.0						Collingswood to End	
237+40.08 to 238+52.45	LT	68847	170.5						Collingswood to End	
237+56.94 to 237+65.50	RT	69009	9.2						Median Crossing Roundabout	
237+79.98 to 238+15.99	RT	68955	67.0						Collingswood to End	
238+13.42 to 238+55.76	RT	68966	44.8						Collingswood to End	
238+26.91 to 238+39.18	RT	69019	7.8						Median Crossing Roundabout	
196+59.77 to 196+92.56	LT/RT	67945			54.4				Como Splitter Island	
197+45.61 to 197+60.72	LT	67954			18.0				Como Splitter Island	
197+47.02 to 197+62.81	RT	67963			19.1				Como Splitter Island	
201+34.09 to 201+48.69	RT	67972			19.3				Flamingo Splitter Island	
201+84.83 to 202+18.15	RT	67983			30.2				Flamingo Splitter Island	
236+41.25 to 236+72.48	LT/RT	67993			54.4				Collingswood Splitter Island	
237+22.25 to 237+38.27	LT	68014			19.6				Collingswood Splitter Island	
237+52.50 to 237+67.09	RT	68004			22.3				Collingswood Splitter Island	
237+94.25 to 238+27.76	LT/RT	68023			38.9				Collingswood Splitter Island	
171+19.61 to 171+31.86	LT	69962					24.2		Granville	
171+65.86 to 171+78.11	LT	69967					24.2		Granville	
181+25.09 to 181+34.05	LT	69972					15.8		Jessica	
181+77.64 to 181+88.30	LT	69977					21.8		Jessica	
193+40.01 to 193+52.00	LT	69982					16.5		Bike Ramp	
196+49.14 to 196+59.37	LT	69994					20.0		Como Roundabout	
196+49.21 to 196+59.48	LT/RT	70001					20.3		Como Roundabout	
196+49.32 to 196+57.60	LT	69987					14.7		Como Roundabout	
196+50.15 to 196+58.41	RT	70008					14.7		Como Roundabout	
197+30.74 to 197+34.37	RT	70015					14.8		Como Roundabout	
197+30.76 to 197+34.69	LT	70047					14.8		Como Roundabout	
197+49.39 to 197+51.95	RT	70022					20.1		Como Roundabout	
197+50.15 to 197+53.00	LT	70054					20.1		Como Roundabout	
197+55.47 to 197+58.30	RT	70031					20.1		Como Roundabout	
SUB-TOTAL:			7583.2		276.2		262.1			
TOTAL:			7583		276		785			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-10

**SUMMARY OF SIDEWALK & DETECTABLE WARNINGS**

LOCATION STA. TO STA.	SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
			0522 1		0522 2		0527 2			
			SY		SY		SF			
			P	F	P	F	P	F		
197+56.71 to 197+58.94	LT	70063					20.0		Como Roundabout	
197+72.88 to 197+76.68	RT	70040					14.9		Como Roundabout	
197+73.92 to 197+76.99	LT	70072					14.9		Como Roundabout	
201+21.61 to 201+26.53	RT	70079					14.8		Flamingo Roundabout	
201+39.65 to 201+44.64	RT	70086					20.2		Flamingo Roundabout	
201+45.54 to 201+48.10	RT	70094					20.3		Flamingo Roundabout	
201+64.39 to 201+66.72	RT	70101					14.8		Flamingo Roundabout	
202+18.46 to 202+28.67	RT	70122					20.1		Flamingo Roundabout	
202+18.57 to 202+28.78	RT	70115					20.1		Flamingo Roundabout	
202+19.19 to 202+27.76	LT	70129					14.8		Flamingo Roundabout	
202+20.28 to 202+28.55	RT	70108					14.8		Flamingo Roundabout	
218+18.00 to 218+30.25	LT	70136					24.2		Jernigan	
218+65.47 to 218+77.72	LT	70141					24.2		Jernigan	
236+26.71 to 236+34.82	RT	70169					14.7		Collingswood Roundabout	
236+30.10 to 236+38.84	LT	70148					14.7		Collingswood Roundabout	
236+30.58 to 236+41.01	LT/RT	70162					20.1		Collingswood Roundabout	
236+31.04 to 236+41.37	LT	70155					20.0		Collingswood Roundabout	
237+03.80 to 237+06.25	LT	70233					15.0		Collingswood Roundabout	
237+23.54 to 237+26.09	LT	70240					20.3		Collingswood Roundabout	
237+28.15 to 237+33.15	LT	70247					20.1		Collingswood Roundabout	
237+40.49 to 237+45.03	RT	70176					15.0		Collingswood Roundabout	
237+48.11 to 237+52.91	LT	70254					17.6		Collingswood Roundabout	
237+57.22 to 237+61.37	RT	70183					20.2		Collingswood Roundabout	
237+63.33 to 237+65.43	RT	70192					20.1		Collingswood Roundabout	
237+79.97 to 237+82.27	RT	70199					16.4		Collingswood Roundabout	
238+26.45 to 238+35.37	LT	70226					15.1		Collingswood Roundabout	
238+27.77 to 238+38.03	RT	70219					20.1		Collingswood Roundabout	
238+28.15 to 238+38.32	RT	70212					20.0		Collingswood Roundabout	
238+30.46 to 238+38.68	RT	70205					15.0		Collingswood Roundabout	
SUB-TOTAL:							522.5			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

**SUMMARY OF QUANTITIES**

SHEET NO.  
SQ-11

**SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
						TYPE	LENGTH	P	F				
0520 1 7	Concrete Curb & Gutter, Type E	177+31.37 to 177+96.61	LT	LF	64.6			64.6	128		Bridge Approach		
		207+92.87 to 208+56.00	LT		63.1			63.1			Bridge Departure		
0520 1 10	Concrete Curb & Gutter, Type F	175+38.63 to 177+31.37	LT	LF	190.8			190.8	10728		Begin to Bridge		
		177+20.00 to 178+59.94	LT		133.9			133.9			Begin to Bridge		
		177+96.61 to 178+73.58	LT		76.5			76.5			Begin to Bridge		
		178+45.19 to 178+73.58	LT		28.2			28.2					
		180+38.20 to 181+40.88	LT		104.0			104.0			Bridge to Jessica		
		180+44.32 to 181+21.24	LT		76.4			76.4			Bridge to Jessica		
		181+12.40 to 181+21.24	LT		8.8			8.8					
		182+09.21 to 194+24.92	LT		1215.7			1215.7			Jessica to Como		
		193+44.51 to 197+36.53	RT		495.1			495.1			Jessica to Como		
		193+44.51 to 197+37.89	LT		489.4			489.4			Jessica to Como		
		195+80.00 to 196+93.03	LT/RT		192.7			192.7			Edgewater Splitter Island at Como		
		197+45.15 to 197+61.21	LT		210.2			210.2			Como Splitter Island		
		197+46.55 to 197+63.26	RT		211.6			211.6			Como Splitter Island		
		197+70.26 to 201+42.61	RT		540.0			540.0			Como to Flamingo		
		197+72.62 to 205+24.00	LT		857.7			857.7			Como to Bridge		
		197+82.86 to 200+92.41	RT		317.5			317.5					
		197+85.05 to 200+96.39	LT		317.5			317.5					
		201+33.66 to 201+61.44	RT		208.8			208.8			Flamingo Splitter Island		
		201+65.38 to 204+00.00	RT		350.5			350.5			Flamingo to Bridge		
		201+84.34 to 203+59.98	LT/RT		258.1			258.1			Edgewater Splitter Island at Flamingo		
205+13.97 to 205+41.54	LT		27.6			27.6							
206+99.00 to 208+71.03	LT		172.0			172.0	Bridge to Jernigan						
207+16.54 to 207+92.87	LT		76.5			76.5	Bridge to Jernigan						
208+56.00 to 215+09.87	LT		653.9			653.9	Bridge to Jernigan						
221+91.48 to 226+14.44	LT/RT		426.4			426.4	Jernigan to Jones						
227+05.21 to 234+19.08	LT		712.4			712.4	Jones to Collingswood						
231+96.93 to 237+06.12	LT		588.1			588.1	Jones to Collingswood						
231+96.93 to 237+57.01	RT		672.9			672.9	Jones to Collingswood						
235+91.12 to 236+72.98	LT/RT		151.1			151.1	Edgewater Splitter Island at Collingswood						
237+11.18 to 237+38.77	LT		207.0			207.0	Collingswood Splitter Island						
237+30.74 to 238+52.92	LT		216.8			216.8	Collingswood to End						
237+52.11 to 237+73.46	RT		211.2			211.2	Collingswood Splitter Island						
237+80.05 to 238+55.19	RT		192.1			192.1	Collingswood to End						
237+93.77 to 238+54.28	LT/RT		136.2			136.2	Edgewater Splitter Island at Collingswood						
0520 2 4	Concrete Curb, Type D	197+65.74 to 197+80.40	LT/RT	LF	153.9			153.9	513		Como Roundabout		
		200+96.99 to 201+13.47	LT/RT		153.9			153.9			Flamingo Roundabout		
		237+32.33 to 237+32.33	LT		204.7			204.7			Collingswood Roundabout		
0520 2 8	Concrete Curb, Type RA	197+68.76 to 197+85.05	LT/RT	LF	192.3			192.3	645		Como Roundabout		
		200+92.41 to 201+10.69	LT/RT		192.3			192.3			Flamingo Roundabout		
		237+31.79 to 237+31.79	LT		260.8			260.8			Collingswood Roundabout		

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 &amp; LB 642 RYAN K. BELL, P.E. NO. 60010</p>	<p>CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>PROJECT ID</th> </tr> <tr> <td> </td> <td>CHARLOTTE</td> <td>20225022-00R</td> </tr> </table>	ROAD NO.	COUNTY	PROJECT ID		CHARLOTTE	20225022-00R	<p><b>SUMMARY OF QUANTITIES</b></p>	<p>SHEET NO. SQ-12</p>
REVISIONS																									
DATE	DESCRIPTION	DATE	DESCRIPTION																						
ROAD NO.	COUNTY	PROJECT ID																							
	CHARLOTTE	20225022-00R																							

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

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 2		
			SY			
			P	F		
163+17.26 to 178+64.23	LT/RT	53334	5466.3			
163+17.28 to 167+99.52	LT/RT	53358	810.3			
163+17.28 to 168+18.85	LT/RT	56126	219.9			
163+17.28 to 171+18.68	LT/RT	56143	356.5			
167+99.53 to 171+23.45	LT	53366	412.8			
167+99.54 to 171+39.27	LT	53407	1825.5			
171+58.86 to 179+02.53	LT	53452	7326.6			
171+59.43 to 179+78.24	LT/RT	54780	10494.1			
171+74.26 to 177+20.00	LT	53485	669.2			
178+74.40 to 179+87.32	RT	53772	494.7			
179+74.25 to 181+49.56	LT	54848	1149.8			
180+00.56 to 181+64.32	LT/RT	54824	4632.5			
181+70.36 to 197+19.52	LT	54892	7932.0			
181+75.01 to 190+49.97	LT/RT	54041	10674.7			
181+84.95 to 196+49.23	LT	54873	1754.5			
190+49.96 to 191+50.02	LT/RT	54056	1955.8			
191+50.01 to 197+41.55	LT/RT	54069	5131.0			
194+24.92 to 195+67.68	LT/RT	56118	31.1			
195+37.29 to 196+49.40	LT/RT	54142	94.0			
195+80.35 to 195+80.35	LT	56104	23.0			
196+56.16 to 197+32.04	LT	54904	63.6			
196+56.71 to 197+32.07	RT	54120	67.0			
197+18.21 to 197+44.68	LT	56005	396.4			
197+50.00 to 197+57.39	RT	54135	46.1			
197+51.05 to 197+58.70	LT	54170	46.5			
197+64.10 to 199+01.28	RT	54202	1249.9			
197+65.74 to 201+13.46	LT/RT	54157	1745.5			
197+67.26 to 197+90.50	LT	56020	347.8			
197+75.46 to 201+22.42	RT	54225	251.7			
197+75.51 to 202+19.78	LT	54277	313.6			
197+88.45 to 203+47.33	LT	54264	3088.0			
198+98.36 to 201+79.15	RT	54238	2290.1			
201+43.25 to 201+60.95	RT	54333	33.1			
201+64.41 to 205+25.77	RT	54699	2226.8			
201+64.98 to 202+22.04	RT	54322	59.5			
202+27.56 to 202+83.06	LT	54292	29.5			
202+28.59 to 203+91.80	LT/RT	54303	177.1			
202+28.66 to 202+83.33	RT	54343	28.8			
202+53.33 to 204+00.96	LT/RT	56097	32.2			
202+82.56 to 202+99.60	LT	54367	44.6			
203+14.96 to 203+93.16	LT	54358	419.9			
203+53.37 to 204+02.39	RT	56091	10.1			
203+54.38 to 205+45.59	LT	54373	841.2			
203+62.48 to 206+18.74	LT/RT	54914	1772.0			
205+11.87 to 206+47.17	LT	54933	812.8			
205+15.72 to 207+32.35	RT	54610	1649.9			
206+06.97 to 217+39.97	LT	55154	3939.2			
SUB-TOTAL:			83437.2			
TOTAL:			159051			

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			0570	1 2		
			SY			
			P	F		
206+71.44 to 217+99.87	LT/RT	54972	14842.4			
208+71.03 to 218+21.85	LT	56081	1238.2			
210+55.57 to 210+68.46	LT	55221	22.7			
210+74.18 to 211+41.23	LT	55226	248.4			
210+96.66 to 218+36.38	LT	55193	3312.4			
213+16.04 to 213+83.24	RT	55086	244.4			
213+49.21 to 220+05.94	RT	55603	3185.9			
213+87.98 to 214+01.76	RT	55095	25.0			
214+14.43 to 214+77.21	LT	55236	221.9			
216+57.40 to 217+19.13	RT	55073	209.9			
217+10.41 to 231+72.66	LT	55349	9296.7			
217+24.73 to 217+37.75	RT	55081	23.2			
218+65.25 to 226+14.44	LT/RT	55650	7139.2			
218+73.88 to 236+30.21	LT	55487	2149.3			
220+37.14 to 226+51.62	LT/RT	55669	2936.3			
220+68.10 to 220+81.50	LT	56046	23.8			
220+86.63 to 221+52.90	LT	56035	246.9			
223+04.14 to 223+78.28	RT	55100	248.1			
223+87.21 to 224+01.84	RT	55110	25.3			
223+93.95 to 224+05.83	LT	55241	24.1			
224+14.28 to 224+79.27	LT	55245	245.6			
224+39.69 to 236+23.74	LT	55445	5758.3			
226+69.91 to 235+53.13	LT/RT	55705	5645.1			
226+95.00 to 232+17.24	RT	55696	1834.5			
227+46.39 to 227+71.23	LT	55253	24.5			
227+71.23 to 228+00.17	LT	55258	51.1			
231+83.69 to 232+77.62	LT	56059	195.5			
231+95.17 to 236+77.69	RT	55828	9141.0			
231+96.36 to 236+26.70	RT	55728	412.2			
232+79.59 to 237+06.14	LT	55511	2079.8			
234+19.08 to 235+61.30	LT/RT	56073	30.9			
235+25.10 to 236+27.70	LT/RT	56065	21.8			
235+84.04 to 235+84.04	LT	55757	81.7			
236+33.28 to 237+41.13	RT	55743	123.8			
236+38.10 to 237+05.66	LT	55541	70.3			
236+56.19 to 237+75.38	RT	55806	1230.2			
237+03.24 to 238+52.12	LT	55862	802.0			
237+11.77 to 237+29.90	LT	55535	31.9			
237+59.95 to 237+73.04	RT	55854	33.2			
237+79.98 to 238+55.83	RT	55949	776.4			
237+98.82 to 238+26.94	LT	55880	21.1			
238+13.42 to 238+31.36	RT	55911	8.0			
238+34.54 to 238+52.86	LT	55903	26.8			
238+38.68 to 239+99.52 R2	RT	55967	405.4			
238+40.12 to 240+03.33 R2	LT/RT	55916	78.3			
238+52.03 to 238+65.36	LT	55990	30.7			
238+53.95 to 240+03.33 R2	LT/RT	55925	30.4			
238+54.26 to 240+03.33 R2	RT	55932	30.4			
238+72.16 to 240+50.00 R2	LT	55998	591.9			
240+15.32 R2 to 240+50.00 R2	RT	55980	137.3			
SUB-TOTAL:			75614.2			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



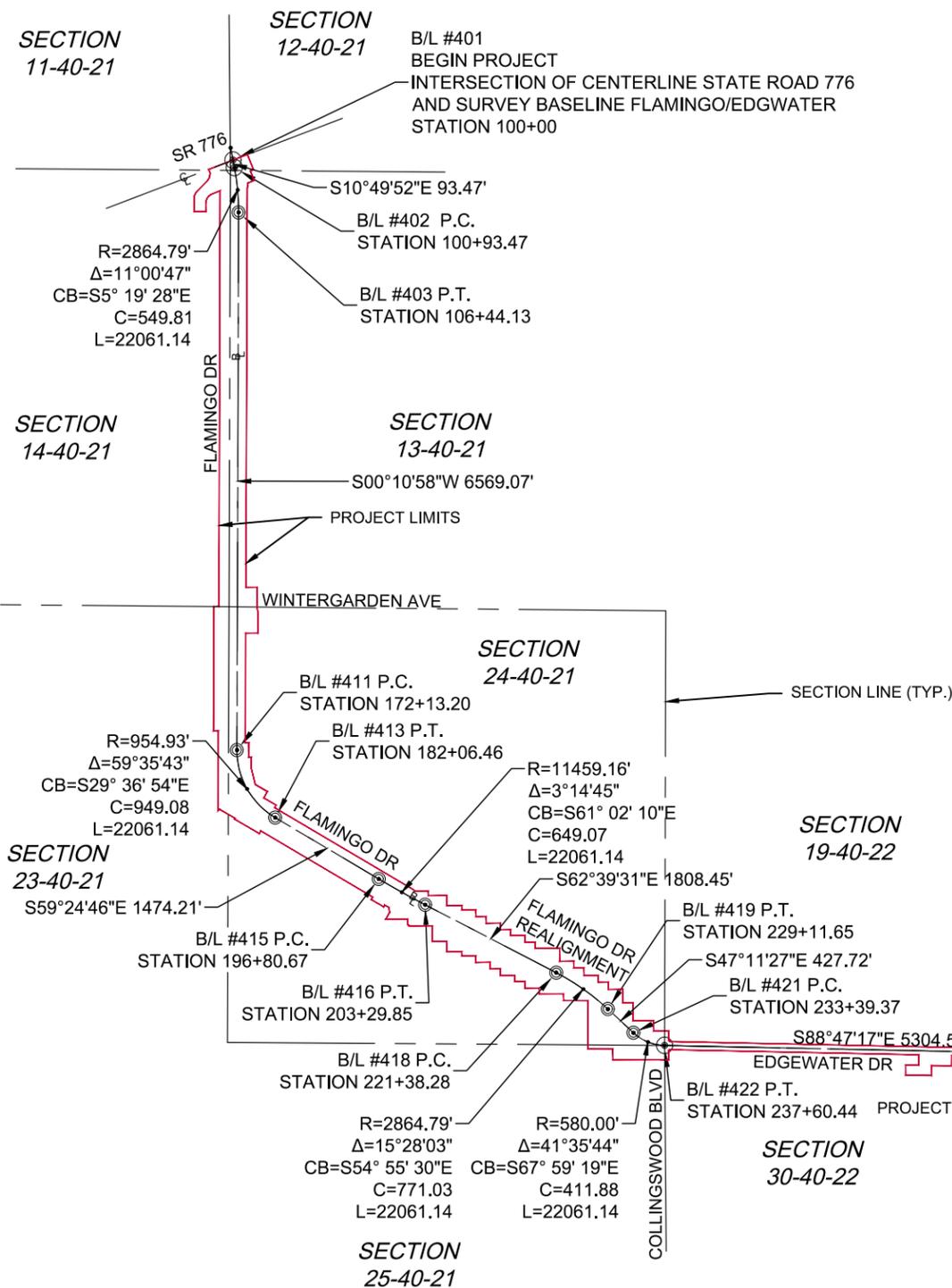
CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	PROJECT ID
	CHARLOTTE	20225022-00R

SUMMARY OF QUANTITIES

SHEET NO.
SQ-13

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

\\FTMS01\Drawings\2022\20225022-00X\Surveying\Worksheets\20225022 CONTROL SURVEY.dwg (CTL-1) RGD Oct 06, 2023 - 12:52pm

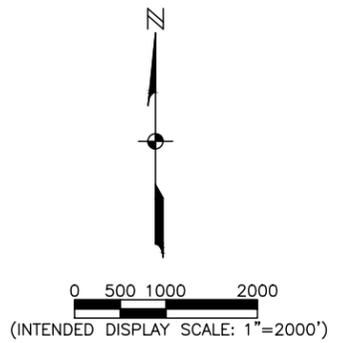


**NOTES:**

- DATE OF LAST FIELDWORK: SEPTEMBER 29, 2023.
- COORDINATES AND HORIZONTAL DATA SHOWN HEREON ARE IN FEET AND ARE PROJECTED ONTO THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 2011 ADJUSTMENT.
- VERTICAL DATA (ELEVATIONS) SHOWN HEREON ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE REFERENCE BENCHMARKS ARE NATIONAL GEODETIC SURVEY MARK G797, PID DQ3291, WITH A PUBLISHED ELEVATION OF +3.54 FEET (NAVD88).
- THIS MAP WAS MADE SOLELY FOR THE PURPOSE OF DEPICTING THE HORIZONTAL AND VERTICAL CONTROL POINTS FOR THE EDGEWATER/FLAMINGO WIDENING PROJECT
- ADDITIONS OR DELETIONS TO THIS SURVEY MAP OR REPORT BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY.
- BASILINE OF SURVEY HORIZONTAL CONTROL POINT DATA ON SHEET 2.
- HORIZONTAL AND VERTICAL CONTROL POINT DATA ON SHEETS 2 AND 3.
- MAP CONSISTS OF 3 SHEETS. NOT VALID UNLESS ACCOMPANIED BY ALL SHEETS IN SET.

**LEGEND**

- BM = BENCHMARK
- B/L,  $\bar{B}$  = SURVEY BASELINE
- C/L,  $\bar{C}$  = CENTERLINE
- STA = STATION
- P.C. = POINT OF CURVATURE
- P.T. = POINT OF TANGENCY
- P.I. = POINT OF INTERSECTION
- P.O.L. = POINT ON LINE
- ROW = RIGHT OF WAY
- TYP. = TYPICAL
- CP = CONTROL POINT
- CR = COUNTY ROAD
- SR = STATE ROAD



MAP PREPARED BY:  
**JOHNSON ENGINEERING**  
 JOHNSON ENGINEERING, INC.  
 2122 JOHNSON STREET  
 FORT MYERS, FLORIDA 33902-1550  
 PHONE: (239) 334-0046  
 E.B. #642 & L.B. #642  
 JEI PROJECT #20225022-00R

**SURVEYORS CERTIFICATE**

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF CHAPTER 5J-17.05, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO CHAPTER 472, FLORIDA STATUTES.



THIS SURVEY HAS BEEN DIGITALLY SIGNED BY:  
 RICHARD G. DANIELS (FOR THE FIRM L.B. 642)  
 PROFESSIONAL SURVEYOR AND MAPPER  
 FLORIDA CERTIFICATE NO. 7229  
 ON THE DATE ADJACENT TO THE SEAL.

THIS CERTIFICATION IS TO THE DATE OF LAST FIELD WORK AS SHOWN IN NOTE 1 AND NOT THE SIGNATURE DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED, AND THE DIGITAL SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

FIELD BOOK 2889, PAGES 51-52

REVISIONS				RICHARD G. DANIELS PROFESSIONAL SURVEYOR AND MAPPER FLORIDA CERTIFICATE NO. 7229 JOHNSON ENGINEERING, INC. 2122 JOHNSON STREET FORT MYERS, FLORIDA 33901 PHONE: (239) 334-0046	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			PROJECT CONTROL SURVEY EDGEWATER/FLAMINGO WIDENING		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CONTRACT NO.	SECTIONS 11-14, 23-25, TOWNSHIP 40 SOUTH, RANGE 21 EAST AND SECTIONS 19-20, 29-30, TOWNSHIP 40 SOUTH, RANGE 22 EAST CHARLOTTE COUNTY, FLORIDA		
						EDGEWATER/FLAMINGO	CHARLOTTE		CTL - 1	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

\\FTMS01\Drawings\2022\20225022-00X\Surveying\Worksheets\20225022 CONTROL SURVEY.dwg (CTL-2) RGD Oct 06, 2023 - 12:52pm

### SURVEY BASELINE

POINT #	STATION	DESCRIPTION	NORTHING	EASTING	SCALE FACTOR
401	100+00	SET MAG NAIL AND DISK LB #642	970594.87	600057.65	0.99994479
402	100+93.47	SET MAG NAIL AND DISK LB #642	970503.07	600075.21	0.99994478
403	106+44.13	SET 1/2" IRON ROD AND CAP LB #642	969955.63	600126.23	0.99994478
404	110+00	SET 1/2" IRON ROD AND CAP LB #642	969599.76	600125.10	0.99994478
405	120+00	SET 1/2" IRON ROD AND CAP LB #642	968599.76	600121.91	0.99994478
406	130+00	SET 1/2" IRON ROD AND CAP LB #642	967599.77	600118.72	0.99994478
407	140+00	SET 1/2" IRON ROD AND CAP LB #642	966599.77	600115.53	0.99994478
408	150+00	SET 1/2" IRON ROD AND CAP LB #642	965599.78	600112.34	0.99994478
409	160+00	SET 1/2" IRON ROD AND CAP LB #642	964599.78	600109.15	0.99994478
410	170+00	SET 1/2" IRON ROD AND CAP LB #642	963599.79	600105.96	0.99994478
411	172+13.20	SET 1/2" IRON ROD AND CAP LB #642	963386.59	600105.28	0.99994478
412	180+00	SET 1/2" IRON ROD AND CAP LB #642	962684.87	600409.25	0.99994474
413	182+06.46	SET 1/2" IRON ROD AND CAP LB #642	962561.49	600574.29	0.99994472
414	190+00	SET 1/2" IRON ROD AND CAP LB #642	962157.70	601257.42	0.99994463
415	196+80.67	SET 1/2" IRON ROD AND CAP LB #642	961811.34	601843.37	0.99994456
416	203+29.85	SET 1/2" IRON ROD AND CAP LB #642	961497.02	602411.26	0.99994449
417	210+00	SET 1/2" IRON ROD AND CAP LB #642	961189.21	603006.57	0.99994442
418	221+38.28	SET 1/2" IRON ROD AND CAP LB #642	960666.41	604017.68	0.99994429
419	229+11.65	SET 1/2" IRON ROD AND CAP LB #642	960223.34	604648.69	0.99994422
420	230+00	SET 1/2" IRON ROD AND CAP LB #642	960163.30	604713.50	0.99994421
421	233+39.37	SET 1/2" IRON ROD AND CAP LB #642	959932.68	604962.47	0.99994418
422	237+60.44	SET MAG NAIL AND DISK LB #642	959778.31	605344.33	0.99994414
423	240+00	SET MAG NAIL AND DISK LB #642	959773.24	605583.84	0.99994411
424	250+00	SET MAG NAIL AND DISK LB #642	959752.09	606583.62	0.99994400
425	260+00	SET MAG NAIL AND DISK LB #642	959730.94	607583.39	0.99994388
426	270+00	SET MAG NAIL AND DISK LB #642	959709.79	608583.17	0.99994377
427	280+00	SET MAG NAIL AND DISK LB #642	959688.64	609582.95	0.99994366
428	290+00	SET MAG NAIL AND DISK LB #642	959667.48	610582.72	0.99994356
429	290+64.99	FOUND NAIL WITH DISK BRASS DISC STAMPED 19-20 30-29	959666.11	610647.70	0.99994355
430	300+00	SET MAG NAIL AND DISK LB #642	959646.34	611582.50	0.99994346
431	310+00	SET MAG NAIL AND DISK LB #642	959625.19	612582.28	0.99994335
432	319+08.82	SET 1/2" IRON ROD AND CAP LB #642	959605.98	613490.90	0.99994326

### HORIZONTAL AND VERTICAL CONTROL POINTS

POINT #	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	ELEV.	LATITUDE	LONGITUDE	SCALE FACTOR
538	99+63.07	35.78'L	SET MAG NAIL AND DISK LB #642	970637.87	600085.85	12.75	N27° 00' 14.1436"	W82° 10' 20.0419"	0.99994478
537	103+65.24	29.49'R	SET MAG NAIL AND DISK LB #642	970231.35	600084.19	7.91	N27° 00' 10.1176"	W82° 10' 20.0541"	0.99994478
536	108+94.42	45.87'R	SET 1/2" IRON ROD AND CAP LB #642	969705.49	600079.56	7.67	N27° 00' 04.9097"	W82° 10' 20.0973"	0.99994478
535	113+64.91	42.69'R	SET MAG NAIL AND DISK LB #642	969234.99	600081.25	7.86	N27° 00' 00.2501"	W82° 10' 20.0716"	0.99994478
534	117+87.51	45.79'R	SET 1/2" IRON ROD AND CAP LB #642	968812.40	600076.80	7.35	N26° 59' 56.0649"	W82° 10' 20.1144"	0.99994478
533	122+61.91	45.88'R	SET 1/2" IRON ROD AND CAP LB #642	968338.00	600075.19	6.97	N26° 59' 51.3667"	W82° 10' 20.1250"	0.99994478
532	127+72.76	79.64'R	SET MAG NAIL AND DISK LB #642	967827.26	600039.80	6.80	N26° 59' 46.3081"	W82° 10' 20.5085"	0.99994479
531	132+82.68	43.22'R	SET MAG NAIL AND DISK LB #642	967317.23	600074.60	7.42	N26° 59' 41.2575"	W82° 10' 20.1161"	0.99994478
530	138+24.73	45.70'R	SET 1/2" IRON ROD AND CAP LB #642	966775.19	600070.39	6.50	N26° 59' 35.8894"	W82° 10' 20.1545"	0.99994478
529	143+45.59	44.15'R	SET MAG NAIL AND DISK LB #642	966254.33	600070.27	6.65	N26° 59' 30.7310"	W82° 10' 20.1479"	0.99994478
528	149+94.93	78.32'R	SET 1/2" IRON ROD AND CAP LB #642	965605.10	600034.04	6.58	N26° 59' 24.3009"	W82° 10' 20.5387"	0.99994479
527	155+15.83	84.25'R	SET MAG NAIL AND DISK LB #642	965084.22	600026.44	7.11	N26° 59' 19.1423"	W82° 10' 20.6148"	0.99994479
526	158+27.59	80.08'R	SET 1/2" IRON ROD AND CAP LB #642	964772.45	600029.60	6.52	N26° 59' 16.0547"	W82° 10' 20.5751"	0.99994479
525	164+00.66	85.18'R	SET 1/2" IRON ROD AND CAP LB #642	964199.40	600022.69	5.35	N26° 59' 10.3793"	W82° 10' 20.6429"	0.99994479
524	169+95.72	82.39'R	SET PK NAIL AND DISK LB #642	963604.34	600023.58	4.98	N26° 59' 04.4862"	W82° 10' 20.6241"	0.99994479
523	174+53.40	73.43'R	SET 1/2" IRON ROD AND CAP LB #642	963130.77	600063.39	4.84	N26° 58' 59.7967"	W82° 10' 20.1768"	0.99994479
522	176+22.97	145.20'R	SET MAG NAIL AND DISK LB #642	962928.87	600058.21	4.96	N26° 58' 57.7971"	W82° 10' 20.2311"	0.99994479
521	177+90.63	137.96'R	SET MAG NAIL AND DISK LB #642	962765.11	600159.13	7.18	N26° 58' 56.1767"	W82° 10' 19.1131"	0.99994477
520	179+26.29	126.36'R	SET MAG NAIL AND DISK LB #642	962651.61	600264.31	10.61	N26° 58' 55.0541"	W82° 10' 17.9487"	0.99994476
519	181+85.39	41.70'R	SET MAG NAIL AND DISK LB #642	962537.00	600534.27	7.16	N26° 58' 53.9227"	W82° 10' 14.9628"	0.99994472
517	192+77.88	46.62'R	SET 1/2" IRON ROD AND CAP LB #642	961976.16	601472.90	5.44	N26° 58' 48.3809"	W82° 10' 04.5789"	0.99994461

MAP PREPARED BY:



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JEI PROJECT #20225022-00R

NOT VALID WITHOUT REMAINING SHEETS IN SET.

FIELD BOOK 2889, PAGES 51-52

REVISIONS				RICHARD G. DANIELS PROFESSIONAL SURVEYOR AND MAPPER FLORIDA CERTIFICATE NO. 7229 JOHNSON ENGINEERING, INC. 2122 JOHNSON STREET FORT MYERS, FLORIDA 33901 PHONE: (239) 334-0046	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			PROJECT CONTROL SURVEY EDGEWATER/FLAMINGO WIDENING		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CONTRACT NO.	SECTIONS 11-14, 23-25, TOWNSHIP 40 SOUTH, RANGE 21 EAST AND SECTIONS 19-20, 29-30, TOWNSHIP 40 SOUTH, RANGE 22 EAST CHARLOTTE COUNTY, FLORIDA		CTL - 2
					EDGEWATER/ FLAMINGO	CHARLOTTE				

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 5J-17.062, F.A.C.

\\FTMS01\Drawings\2022\20225022-00X\Surveying\Worksheets\20225022 CONTROL SURVEY.dwg (CTL-3) RGD Oct 06, 2023 - 12:52pm

## HORIZONTAL AND VERTICAL CONTROL POINTS

POINT #	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	ELEV.	LATITUDE	LONGITUDE	SCALE FACTOR
516	197+82.79	40.83'R	SET 1/2" IRON ROD AND CAP LB #642	961724.44	601911.05	5.03	N26° 58' 45.8936"	W82° 09' 59.7320"	0.99994455
557	204+90.62	195.96'R	SET MAG NAIL AND DISK LB #642	961249.10	602464.09	5.08	N26° 58' 41.1933"	W82° 09' 53.6120"	0.99994448
555	207+11.54	267.67'L	SET MAG NAIL AND DISK LB #642	961561.24	602874.18	5.56	N26° 58' 44.2899"	W82° 09' 49.0834"	0.99994443
556	208+74.53	5.21'R	SET MAG NAIL AND DISK LB #642	961242.21	602892.72	5.78	N26° 58' 41.1306"	W82° 09' 48.8740"	0.99994443
554	209+80.86	405.63'L	SET MAG NAIL AND DISK LB #642	961558.33	603175.88	5.51	N26° 58' 44.2650"	W82° 09' 45.7486"	0.99994440
553	211+84.16	6.12'L	SET MAG NAIL AND DISK LB #642	961110.07	603172.96	5.22	N26° 58' 39.8255"	W82° 09' 45.7744"	0.99994440
551	213+95.16	254.81'L	SET MAG NAIL AND DISK LB #642	961234.06	603474.62	5.37	N26° 58' 41.0573"	W82° 09' 42.4418"	0.99994436
552	215+25.88	1.18'L	SET MAG NAIL AND DISK LB #642	960948.73	603474.23	5.30	N26° 58' 38.2315"	W82° 09' 42.4420"	0.99994436
550	216+55.44	410.79'L	SET MAG NAIL AND DISK LB #642	961253.07	603777.46	5.60	N26° 58' 41.2494"	W82° 09' 39.0945"	0.99994432
549	218+85.58	5.54'R	SET MAG NAIL AND DISK LB #642	960777.55	603790.66	5.28	N26° 58' 36.5403"	W82° 09' 38.9419"	0.99994432
547	222+21.93	0.19'R	SET MAG NAIL AND DISK LB #642	960626.74	604091.33	5.45	N26° 58' 35.0505"	W82° 09' 35.6164"	0.99994429
548	224+19.82	307.04'R	SET MAG NAIL AND DISK LB #642	960267.45	604093.92	5.42	N26° 58' 31.4922"	W82° 09' 35.5827"	0.99994429
546	225+54.70	0.93'L	SET MAG NAIL AND DISK LB #642	960449.74	604372.94	5.42	N26° 58' 33.3011"	W82° 09' 32.5011"	0.99994425
545	226+55.60	133.43'R	SET MAG NAIL AND DISK LB #642	960283.12	604371.75	5.47	N26° 58' 31.6510"	W82° 09' 32.5119"	0.99994425
544	229+42.52	0.40'R	SET MAG NAIL AND DISK LB #642	960202.12	604671.62	5.60	N26° 58' 30.8524"	W82° 09' 29.1962"	0.99994422
543	230+20.40	68.26'R	SET MAG NAIL AND DISK LB #642	960099.36	604682.08	5.43	N26° 58' 29.8350"	W82° 09' 29.0792"	0.99994422
515	237+88.98	27.98'L	SET MAG NAIL AND DISK LB #642	959805.68	605373.46	5.31	N26° 58' 26.9350"	W82° 09' 21.4331"	0.99994413
514	244+11.38	26.74'L	SET 1/2" IRON ROD AND CAP LB #642	959791.28	605995.69	5.46	N26° 58' 26.7999"	W82° 09' 14.5552"	0.99994406
513	249+68.75	21.85'L	SET 1/2" IRON ROD AND CAP LB #642	959774.60	606552.84	5.95	N26° 58' 26.6414"	W82° 09' 08.3967"	0.99994400

POINT #	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	ELEV.	LATITUDE	LONGITUDE	SCALE FACTOR
512	255+93.95	17.29'R	SET 1/2" IRON ROD AND CAP LB #642	959722.25	607177.07	5.79	N26° 58' 26.1303"	W82° 09' 01.4962"	0.99994393
511	262+30.43	17.41'L	SET 1/2" IRON ROD AND CAP LB #642	959743.47	607814.14	5.29	N26° 58' 26.3480"	W82° 08' 54.4547"	0.99994386
510	267+64.94	26.77'L	BRASS DISK IN CONC CHARLOTTE COUNTY SURVEY DEPT	959741.52	608348.73	4.92	N26° 58' 26.3349"	W82° 08' 48.5458"	0.99994380
509	274+11.42	30.23'L	SET MAG NAIL AND DISK LB #642	959731.31	608995.13	3.98	N26° 58' 26.2411"	W82° 08' 41.4008"	0.99994373
508	277+25.78	20.64'L	SET 1/2" IRON ROD AND CAP LB #642	959715.07	609309.22	4.79	N26° 58' 26.0838"	W82° 08' 37.9289"	0.99994369
507	283+42.51	16.93'L	SET 1/2" IRON ROD AND CAP LB #642	959698.32	609925.74	4.59	N26° 58' 25.9249"	W82° 08' 31.1142"	0.99994363
506	288+32.10	16.44'L	SET MAG NAIL AND DISK LB #642	959687.48	610415.21	4.81	N26° 58' 25.8229"	W82° 08' 25.7038"	0.99994358
505	295+13.49	34.89'L	SET 1/2" IRON ROD AND CAP LB #642	959691.51	611096.84	3.51	N26° 58' 25.8703"	W82° 08' 18.1696"	0.99994351
504	300+35.21	37.42'L	SET MAG NAIL AND DISK LB #642	959683.00	611618.53	4.37	N26° 58' 25.7917"	W82° 08' 12.4031"	0.99994345
503	303+97.38	15.50'L	SET MAG NAIL AND DISK LB #642	959653.43	611980.12	9.27	N26° 58' 25.5027"	W82° 08' 08.4061"	0.99994341
502	307+01.42	28.06'L	SET 1/2" IRON ROD AND CAP LB #642	959659.56	612284.36	3.69	N26° 58' 25.5666"	W82° 08' 05.0433"	0.99994338
501	312+20.27	27.02'R	SET 1/2" IRON ROD AND CAP LB #642	959593.53	612801.93	3.91	N26° 58' 24.9181"	W82° 07' 59.3216"	0.99994333
500	317+33.59	30.87'R	SET MAG NAIL AND DISK LB #642	959578.82	613315.05	4.23	N26° 58' 24.7778"	W82° 07' 53.6499"	0.99994328

MAP PREPARED BY:



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JEI PROJECT #20225022-00R

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REVISIONS				RICHARD G. DANIELS PROFESSIONAL SURVEYOR AND MAPPER FLORIDA CERTIFICATE NO. 7229 JOHNSON ENGINEERING, INC. 2122 JOHNSON STREET FORT MYERS, FLORIDA 33901 PHONE: (239) 334-0046	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			PROJECT CONTROL SURVEY EDGEWATER/FLAMINGO WIDENING		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	CONTRACT NO.	SECTIONS 11-14, 23-25, TOWNSHIP 40 SOUTH, RANGE 21 EAST AND SECTIONS 19-20, 29-30, TOWNSHIP 40 SOUTH, RANGE 22 EAST CHARLOTTE COUNTY, FLORIDA		CTL - 3
					EDGEWATER/ FLAMINGO	CHARLOTTE				

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**LOMSKI ENGINEERING & TESTING, INC.**  
**CROSS SECTION OF SOIL SURVEY**  
**REPORT OF TESTS**  
**FLAMINGO BOULEVARD / EDGEWATER BOULEVARD**  
**FROM STATE ROAD 776 TO ROCK CREEK DRIVE**  
**PORT CHARLOTTE, CHARLOTTE COUNTY, FLORIDA**

STRATUM NO.	MAX LBR VALUE	% PASS 10 MESH	% PASS 40 MESH	% PASS 60 MESH	% PASS 100 MESH	% PASS 200 MESH	% ORGANIC CONTENT	LIQUID LIMIT	PLASTICITY INDEX	NO. LBR TESTS	NO. GRAD. TESTS	NO. % FINES TESTS	NO. ORGANIC CONTENT TESTS	NO. LL-PI TESTS	AASHTO CLASSIFICATION	MATERIAL DESCRIPTION
1	21-30	81.5-100	69.4-92.3	52.1-73.4	16.7-42.6	13.2-5.3	0.8-1.7	NP	NP	6	11	11	11	11	A-3 / A-2-4	Pale Brown to Dark Brown, fine sand, trace silts
2	23-34	79.6-100	64.1-90.1	48.7-68.9	18.6-40.9	4.3-8.7	0.6-2.1	NP	NP	3	6	6	6	6	A-3	Brown to Orangish Brown, fine sand
3	-	80.4-100	68.9-89.4	47.9-70.9	19.6-55.4	5.6-12.6	0.5-1.9	NP	NP	-	12	12	12	12	A-3 / A-2-4	Light Gray to White, fine sand, trace silts
4	19	69.7-100	54.8-88.6	39.6-68.7	24.9-40.3	4.9-12.9	0.5-1.8	NP	NP	1	9	9	9	9	A-3 / A-2-4	Light Gray to Gray, fine to silty sand, with shell
5	-	96.7-100	80.3-90.6	58.9-79.4	36.4-55.7	11.6-27.3	0.9-1.9	30.6-33.9	13.9-15.3	-	4	4	4	4	A-2-4 / A-2-6	Gray, silty to clayey sand
6	-	60.1-100	52.6-89.6	30.1-53.9	12.9-31.3	5.1-9.6	0.7-1.3	NP	NP	-	8	8	8	8	A-3	Yellowish Brown, fine sand, with shell

NOTES:

- SOIL BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY STRATUM CONNECTING LINES ARE SHOWN FOR ESTIMATING EARTHWORK ONLY. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE FDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE SECTION 120-3 OF THE FDOT STANDARD SPECIFICATIONS.
- WATER TABLE IS SHOWN AS  $\nabla$  WHERE ENCOUNTERED AT THE TIME OF THE SURVEY.
- IF ENCOUNTERED, REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURING WITHIN THE ROAD SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INDEX NO. 500. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDEX NO. 505 OF FDOT ROADWAY DESIGN STANDARDS
- SOIL ANALYSIS INCLUDES DATA FROM ROADWAY BORINGS ONLY
- SOIL PARAMETER NOT TESTED DENOTED AS "-" ABOVE.
- "NP" DENOTES NON-PLASTIC MATERIAL.
- STRATUM NOS. 1, 2, 3, 4, AND 6, SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH INDEX 505.
- STRATUM NO. 5 SHALL BE TREATED AS PLASTIC (P) IN ACCORDANCE WITH FDOT INDEX 505.

REVISIONS				 17210 Toledo Blade Blvd Port Charlotte, FL 33954 Tel. (941) 979-5744 Fax. (941) 979-5748 www.let-fl.com EDWARD P. LOMSKI, Jr. P.E. P.E. NO. 62507	CHARLOTTE COUNTY PUBLIC WORKS DEPARTMENT			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT ID		G-1
						CHARLOTTE	20225022-00R		

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