

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS



CITY OF PANAMA CITY BEACH

**CONTRACT PLANS**

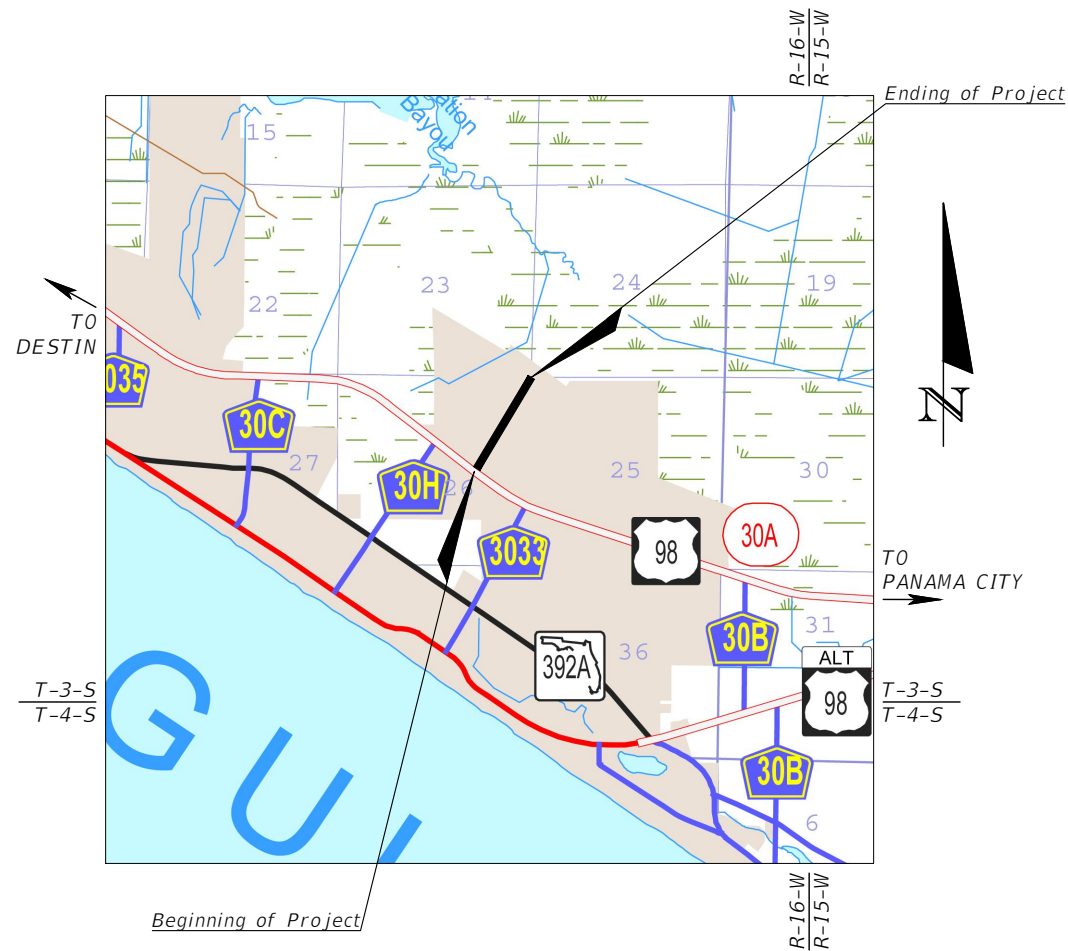
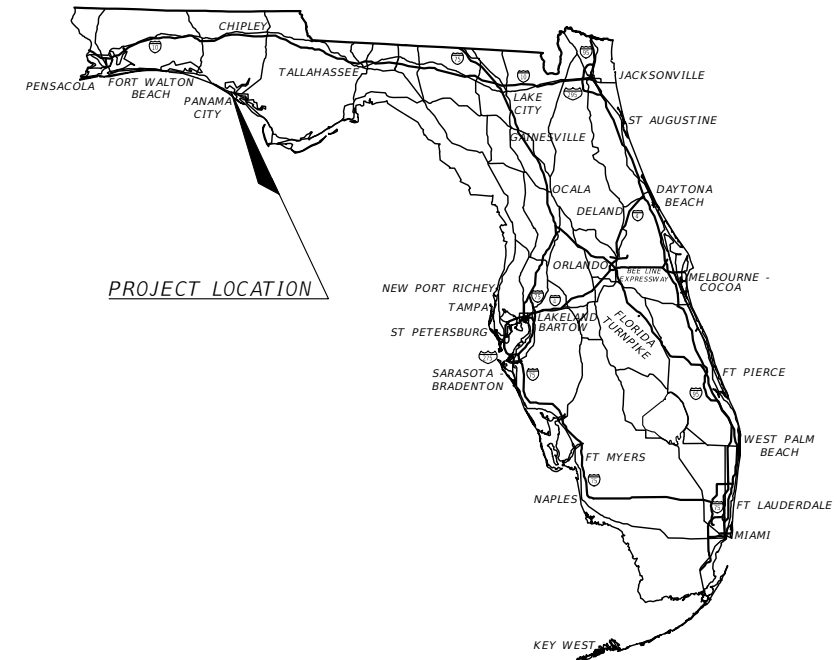
PROJECT NUMBER 22-022

CITY OF PANAMA CITY BEACH

ALF COLEMAN ROAD EASTSIDE SIDEWALK FROM NORTH OF PANAMA CITY BEACH PARKWAY TO DR. HALEY DRIVE

INDEX OF ROADWAY PLANS

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PROJECT LENGTH IS BASED ON Q SURVEY

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	2,649.20	0.50
BRIDGES	0	0
NET LENGTH OF PROJECT	2,649.20	0.50
EXCEPTIONS	0	0
GROSS LENGTH OF PROJECT	2,649.20	0.50

CITY MAYOR

MARK SHELDON

CITY MANAGER

DREW WHITMAN

CITY COUNCIL

WARD 1 - PAUL CASTO

WARD 2 - PHIL CHESTER

WARD 3 - MARY COBURN

WARD 4 - MICHAEL JARMAN

ROADWAY PLANS  
ENGINEER OF RECORD:

BLAKE R. FURBEE  
P.E. NO.: 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
(850) 249-2425  
REGISTRY NUMBER: 09505

CITY PROJECT MANAGER  
KATHRYN YOUNCE, E.I.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Standard Plan Interim Revisions (SPIRs).

Standard Plans for Road Construction and associated Irs are available at the following website:

<http://www.fdot.gov/design/Standardplans.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website:

<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

GOVERNING DESIGN STANDARDS:

Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways (commonly referred to as the "Florida Green Book" can be found at the following website:

<http://www.fdot.gov/roadway/FloridaGreenbook/FGB.shtm>

Florida Department of Transportation Design Manual 2023 can be found at the following website:

<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>


PROJECT NO.	SHEET NO.
22-022	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 PAY ITEMS			
ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY TOTAL
0101-1	MOBILIZATION	LS	1.000
0102-1	MAINTENANCE OF TRAFFIC	LS	1.000
0104-10-3	SEDIMENT BARRIER	LF	2469.000
0104-18	INLET PROTECTION SYSTEM	EA	9.000
0110-1-1	CLEARING AND GRUBBING	AC	1.490
0110-4-10	REMOVAL OF EXISTING CONCRETE	SY	10.000
0120-1	REGULAR EXCAVATION	CY	690.000
0120-6	EMBANKMENT	CY	1237.000
0160-4	TYPE B STABILIZATION	SY	227.000
0285-704	OPTIONAL BASE, BASE GROUP 04	SY	227.000
0327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	43.000
0334-1-53	SUPERPAVE ASPHALTIC CONCRETE, SP-9.5, TRAFFIC C, PG76-22	TN	28.400
0425-1-910	INLETS, CLOSED FLUME	EA	4.000
0430-174-124	PIPE CULVERT, REINFORCED CONCRETE PIPE, ROUND, 24" SD	LF	660.000
0430-984-129	MITERED END SECTION, ROUND, 24" SD	EA	12.000
0515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	72.000
0522-1	CONCRETE SIDEWALK AND DRIVEWAY, 4" THICK	SY	1662.000
0527-2	DETECTABLE WARNINGS	SF	156.000
0530-3-4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	26.800
0530-74	BEDDING STONE	TN	19.300
0570-1-2	PERFORMANCE TURF, SOD	SY	5256.000
0700-1-11	SINGLE POST SIGN, F&I, GROUND MOUNT, UP TO 12 SF	AS	1.000
0700-1-50	SINGLE POST SIGN, RELOCATE	AS	2.000
0710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000
0711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	252.000
0711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	48.000
0711-17-1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS, SURFACE TO REMAIN	SF	48.000
1080-22-400	UTILITY FIXTURE - BACKFLOW ASSEMBLY, RELOCATE	EA	1.000
1080-24-500	UTILITY FIXTURE, VALVE ASSEMBLY, RELOCATE	EA	3.000
1644-800	FIRE HYDRANT, RELOCATE	EA	1.000

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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P.E. LICENSE NUMBER 88505  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505



**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

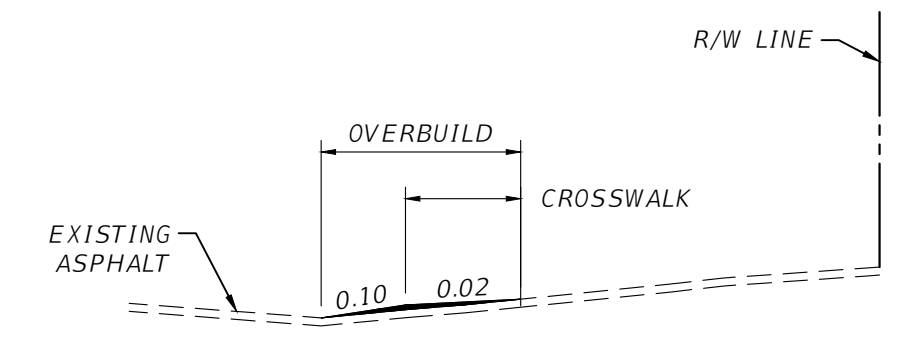
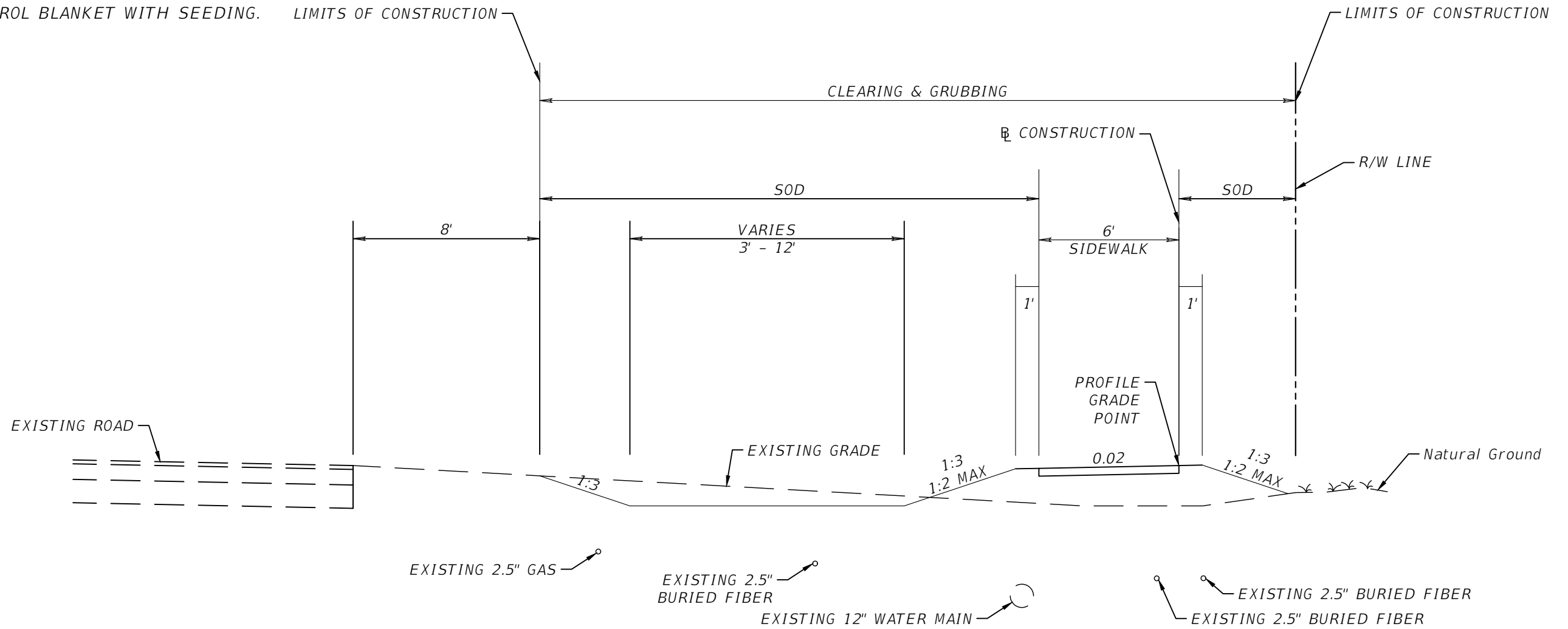
**SUMMARY OF PAY ITEMS**

SHEET NO.  
2

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**NOTES:**

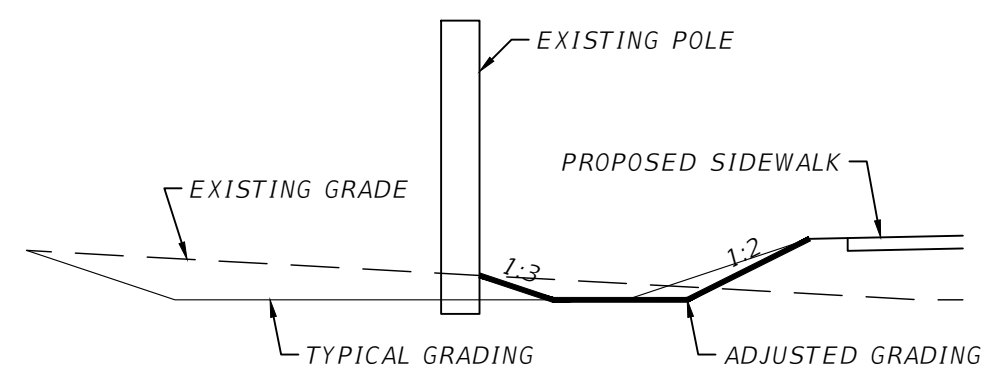
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**PAVEMENT SPECIAL DETAIL**  
 STA 10+30.74 TO STA 10+59.38  
 MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH  
 1.5" TYPE SP-9.5, TRAFFIC LEVEL C, PG 76-22

**TYPICAL SECTION**  
 ALF COLEMAN ROAD SIDEWALKS  
 STA. 10+59.38 TO STA. 24+37.88  
 STA 24+72.39 TO STA. 29+39.67  
 ALF COLEMAN ROAD POSTED SPEED = 25 MPH


**NEW CONSTRUCTION**  
 4" CONCRETE SIDEWALK



**DITCH SPECIAL DETAIL**  
 STA 25+42.09 TO STA 25+62.70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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 <b>CITY OF PANAMA CITY BEACH</b>		
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

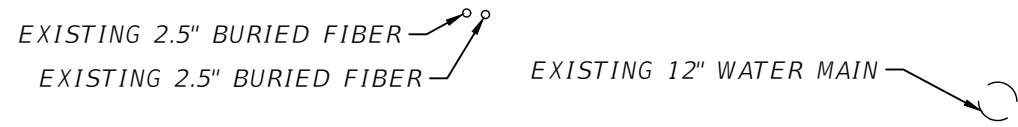
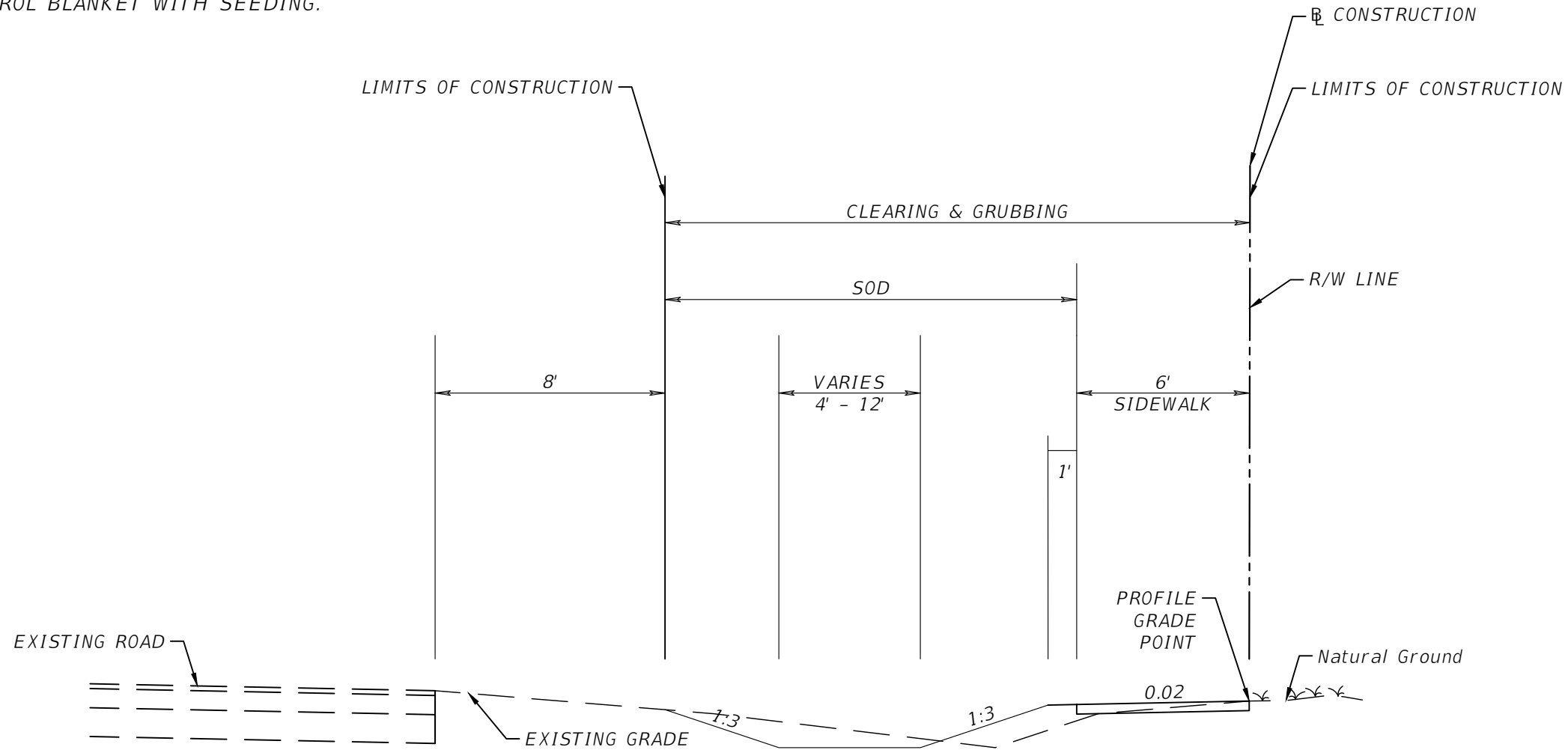
**TYPICAL SECTION**

SHEET NO.  
 3

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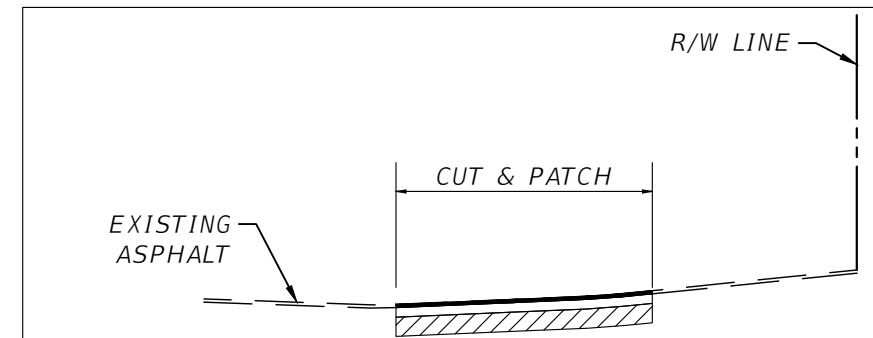
**NOTES:**

- 1:2 SLOPES SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET WITH SEEDING.



TYPICAL SECTION  
 ALF COLEMAN ROAD SIDEWALKS  
 STA 29+63.43 TO STA 32+90.65  
 ALF COLEMAN ROAD POSTED SPEED = 25 MPH

NEW CONSTRUCTION  
 4" CONCRETE SIDEWALK



PAVEMENT SPECIAL DETAIL  
 STA 24+37.88 TO STA 24+72.39  
 STA 29+39.67 TO STA 29+63.43  
 STA 32+90.65 TO STA 33+18.56  
 2" TYPE SP-9.5, TRAFFIC LEVEL C, PG 76-22  
 OPTIONAL BASE GROUP - 4  
 12" TYPE B STABILIZATION

REVISIONS			
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CITY OF PANAMA CITY BEACH

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

TYPICAL SECTION

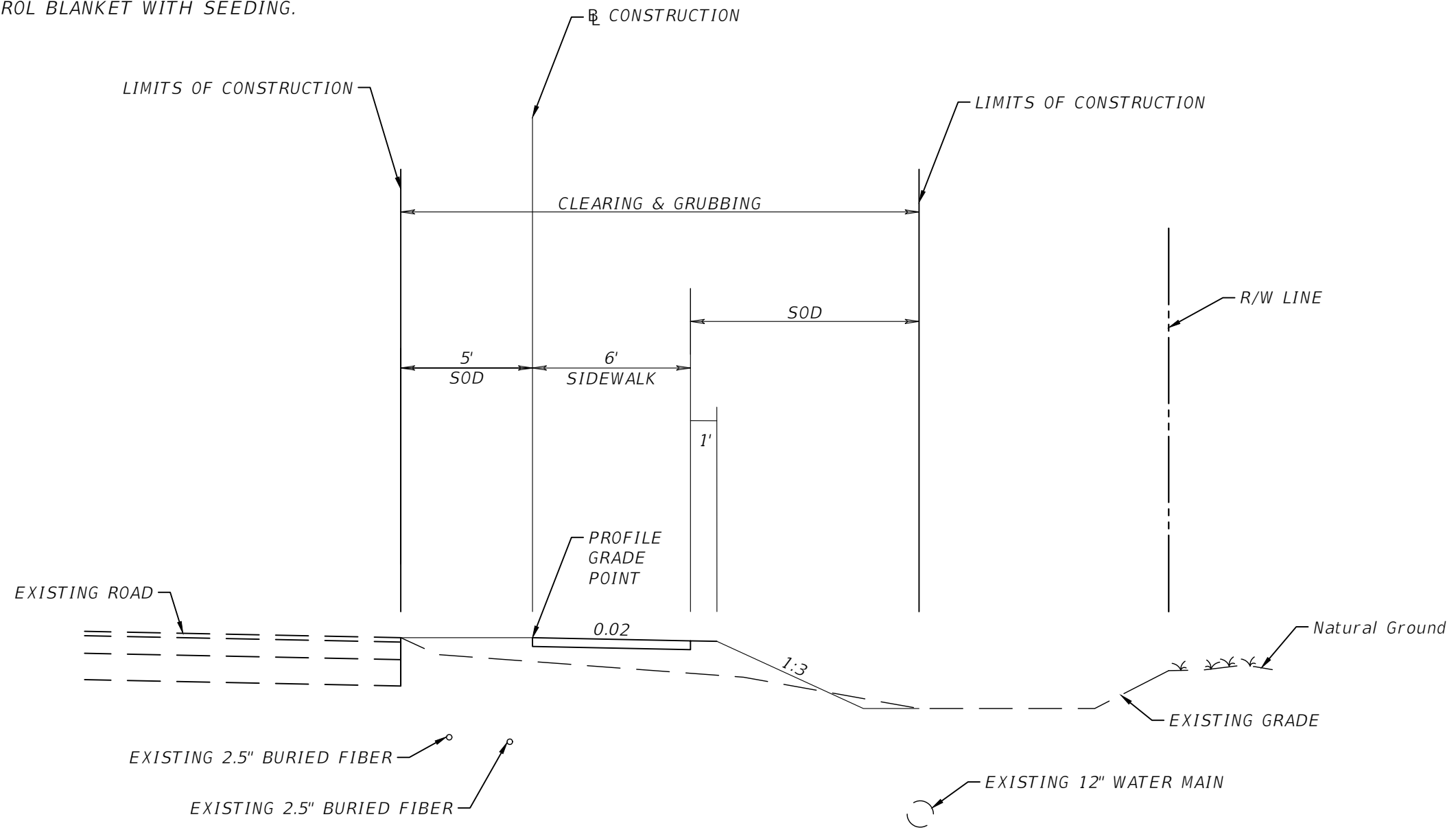
SHEET NO.

4



**NOTES:**

- 1:2 SLOPES SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET WITH SEEDING.

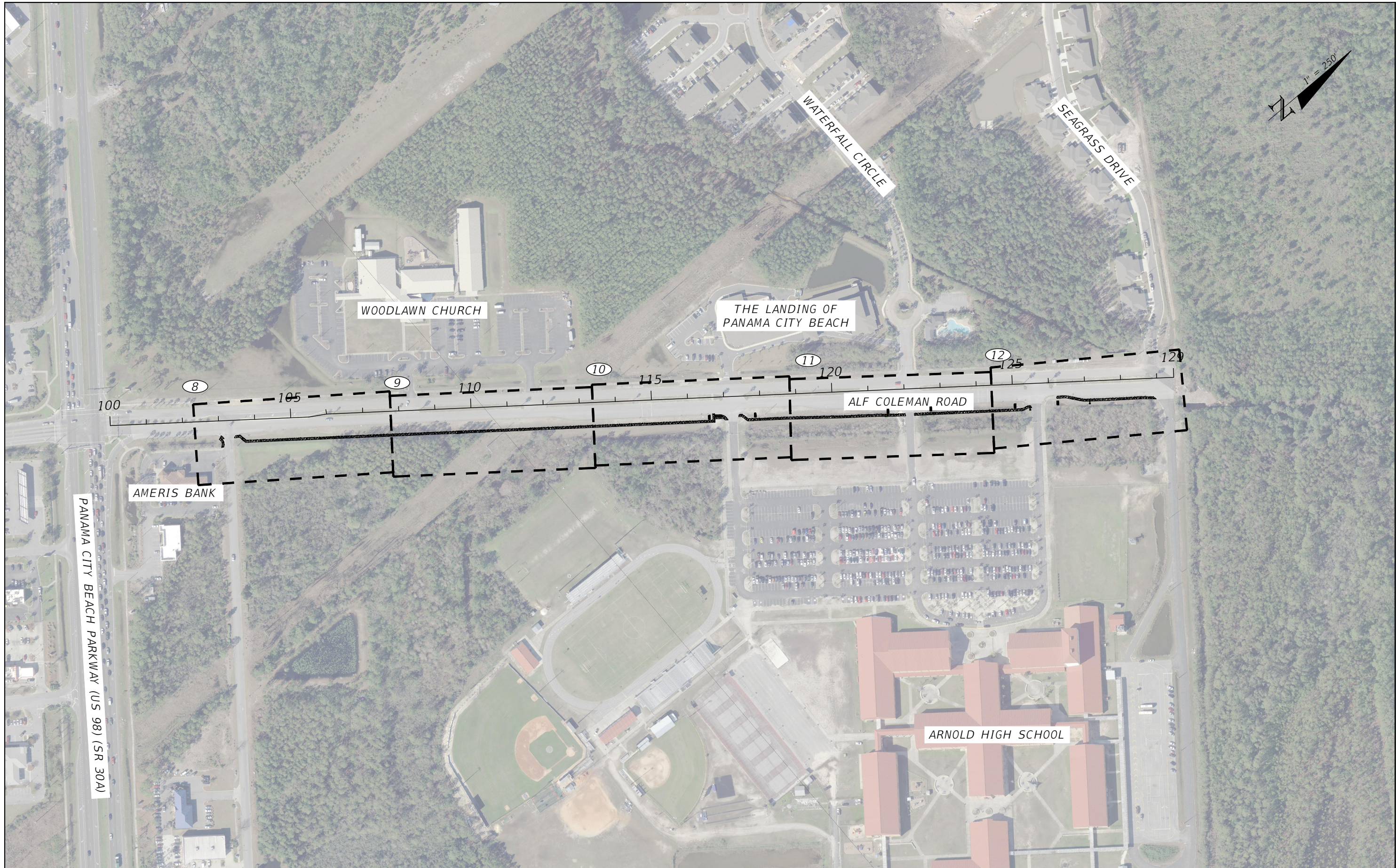


TYPICAL SECTION  
 ALF COLEMAN ROAD SIDEWALKS  
 STA 33+82.41 TO STA 36+49.20  
 ALF COLEMAN ROAD POSTED SPEED = 25 MPH

NEW CONSTRUCTION  
 4" CONCRETE SIDEWALK

REVISIONS				BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH	PROJECT COUNTY PROJECT NO. ALF COLEMAN SIDEWALKS BAY 22-022		SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION					
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 REGISTRY NO. 09505

 <b>CITY OF PANAMA CITY BEACH</b>		
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**PROJECT LAYOUT**

SHEET NO.  
6




**GENERAL NOTES:**

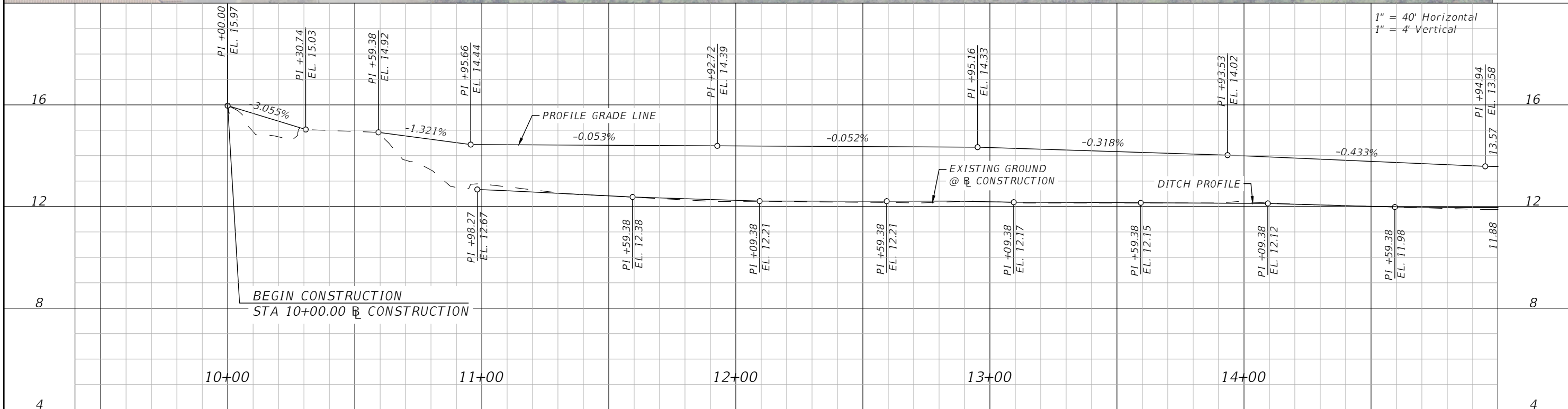
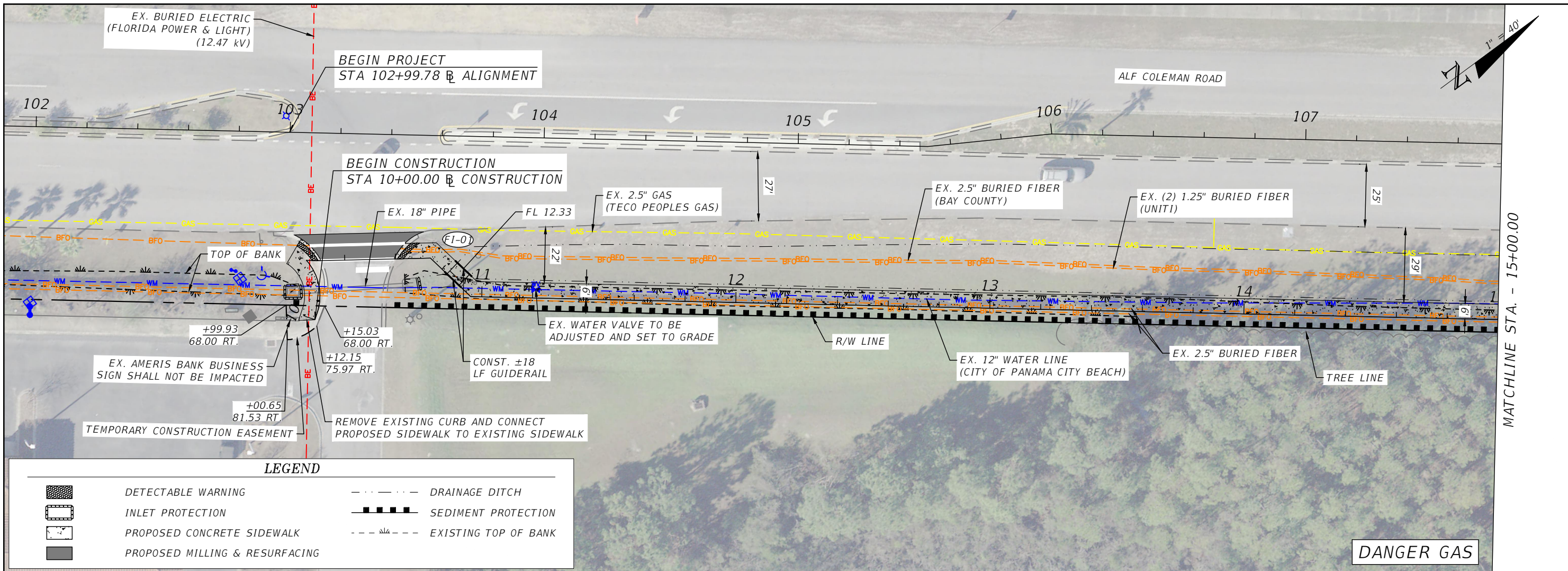
1. THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS IN-HAND PRIOR TO BEGINNING CONSTRUCTION, AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE NECESSARY REGULATORY AGENCIES AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
2. AT LEAST THREE (3) CALENDAR DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT A TENTATIVE BASE CONSTRUCTION SCHEDULE AND A PRE-CONSTRUCTION SURVEY TO THE CITY FOR APPROVAL. NO WORK WILL BEGIN PRIOR TO APPROVAL OF THE CONSTRUCTION SCHEDULE AND THE PRE-CONSTRUCTION SURVEY.
3. THE CONSTRUCTION SCHEDULE SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE CITY AND SHALL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. THE UPDATED SCHEDULE WILL BE SUBMITTED TO THE CITY NO LATER THAN THREE DAYS PRIOR TO EACH SCHEDULED MONTHLY PROGRESS MEETING. PAYMENT FOR PREPARING, UPDATING, AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
4. THE PRE-CONSTRUCTION SURVEY SHALL VERIFY THE CONTROL POINTS AND BENCHMARK ELEVATIONS PROVIDED BY THE ENGINEER AND SHALL ALSO ESTABLISH THE LOCATION AND DESCRIPTION OF ALL ADDITIONAL REFERENCE POINTS AND THE LOCATIONS, DESCRIPTIONS, AND ELEVATIONS OF ALL ADDITIONAL BENCHMARKS TO BE USED IN CONSTRUCTING THE PROJECT. THE SURVEY SHALL BE SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA. SIGNIFICANT INCONSISTENCIES BETWEEN THE FIELD NOTES AND THE CONTROL POINTS AND BENCHMARK ELEVATIONS PROVIDED BY THE ENGINEER SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO ISSUANCE OF THE NOTICE TO PROCEED. PAYMENT WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING ALL PROPERTY CORNERS AND MONUMENTS SHOWN ON THE DRAWINGS OR FOUND DURING CONSTRUCTION. IF A PROPERTY CORNER OR MONUMENT IS DESTROYED OR DISTURBED, THE CONTRACTOR SHALL HAVE IT REPLACED AND CERTIFIED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA. ALL COSTS FOR PRESERVING, REPLACING, AND CERTIFYING PROPERTY CORNERS AND MONUMENTS WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE. THE FOLLOWING UTILITIES SHOULD BE CONTACTED FOR INFORMATION CONCERNING TYPE AND LOCATION OF THEIR FACILITIES. THE LIST MAY NOT INCLUDE ALL UTILITIES IN THE AREA.

UTILITY OWNERS:

<u>COMPANIES</u>	<u>PHONE NUMBERS</u>	<u>CONTACT PERSON</u>
AT&T DISTRIBUTION	(850) 463-5176	TOM MANNING
AT&T	(850) 257-6595	MICHAEL TODD
BAY COUNTY TRAFFIC ENGINEERING	(850) 248-8759	BOB EDMUNDS
CITY OF PANAMA CITY BEACH	(850) 233-5100	MARCIE DOUGLAS
COMCAST COMMUNICATIONS	(850) 815-7797	ROB ADAMS
FLORIDA POWER & LIGHT	(850) 689-4629	JEREMY COON
TECO PEOPLES GAS	(850) 258-5036	TIMOTHY IVEY
UNITY FIBER LLC	(850) 544-1400	JAMES HILL

7. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR SHALL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND PROVIDE A MINIMUM 24-HOUR NOTICE TO ALL AFFECTED PARTIES. IN THE CASE OF A WATER MAIN SHUT DOWN, A MINIMUM 24-HOUR NOTICE SHALL ALSO BE PROVIDED TO THE LOCAL FIRE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC UTILITY PROVIDER A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
8. LIMITS OF CONSTRUCTION ARE DEFINED AS ROADWAY RIGHT-OF-WAY, CITY PROPERTIES, DRAINAGE RIGHT-OF-WAY, EASEMENTS, AND PERMANENT DRAINAGE EASEMENTS.
9. EXISTING CONCRETE AND ASPHALTIC CONCRETE DRIVEWAYS AND SIDEWALKS SHALL BE SAW-CUT AS REQUIRED FOR CONSTRUCTION.
10. ALL SIDEWALKS AND CURB RAMPS CONSTRUCTED SHALL MEET CURRENT ADA STANDARDS.
11. ALL EROSION CONTROL ITEMS SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE CITY.
12. BEFORE FINAL INSPECTION, THE CONTRACTOR SHALL TURN OVER TO THE CITY A SET OF DRAWINGS SHOWING FIELD CHANGES AND ACTUAL INSTALLED CONDITIONS. THE CONTRACTOR SHALL PROVIDE TO THE CITY WITH THREE (3) HARD COPIES AND ONE (1) DIGITAL COPY OF THE AS-BUILT PLANS IN AUTOCAD FORMAT. THE PLANS SHALL BE CERTIFIED BY A P.S.M. REGISTERED IN THE STATE OF FLORIDA.
13. AS-BUILT DRAWINGS ARE TO BE BASED ON THE CONSTRUCTION DRAWINGS PERMITTED BY THE ARMY CORE OF ENGINEERS AND FDEP, AND REVISED AS NECESSARY TO REFLECT ANY CHANGES MADE DURING CONSTRUCTION. BOTH THE ORIGINAL DESIGN AND CONSTRUCTED CONDITION MUST BE CLEARLY SHOWN. THE PLANS NEED TO BE CLEARLY LABELED AS "AS-BUILT" OR "RECORD" DRAWINGS. ALL SURVEYED DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED AND SIGNED, DATED, AND SEALED BY A REGISTERED PROFESSIONAL.
14. THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY PROVIDER A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION IN THE VICINITY OF GAS MAINS. AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUTES, A TECO-PEOPLES GAS INSPECTOR SHALL BE ON SITE WHEN WORK ACTIVITIES TAKE PLACE NEAR GAS MAINS. A MINIMUM OF 72 HOURS NOTICE SHALL BE PROVIDED FOR ANY REQUEST FOR GAS MAIN EXPOSURE OR ADJUSTMENT.
15. WHERE A TRAFFIC SIGN IN CONFLICT WITH CONSTRUCTION IS REMOVED, THE CONTRACTOR SHALL FURNISH AND INSTALL A NEW TRAFFIC SIGN AND SHALL MAINTAIN THE TRAFFIC SIGN THROUGHOUT THE CONTRACT PERIOD.
16. DETECTIBLE WARNING SURFACES SHALL BE YELLOW IN COLOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO EXISTING ROADWAY PAVEMENT OCCURRING DURING CONSTRUCTION ACTIVITIES.
18. UPON COMPLETION OF CONSTRUCTION ALL TERRAIN SHALL BE RESTORED TO ITS ORIGINAL STATUS AND WILL BE SODDED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
19. ALL WORK ASSOCIATED WITH WATER AND SEWER LINES SHALL BE COORDINATED WITH THE CITY OF PANAMA CITY BEACH UTILITIES DEPARTMENT.
20. ALL WORK ASSOCIATED WITH GAS LINES SHALL BE COORDINATED WITH TECO PEOPLES GAS.

REVISIONS				BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH	GENERAL NOTES			SHEET NO.  7				
DATE	DESCRIPTION	DATE	DESCRIPTION										
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PROJECT	COUNTY	PROJECT NO.											
ALF COLEMAN SIDEWALKS	BAY	22-022											



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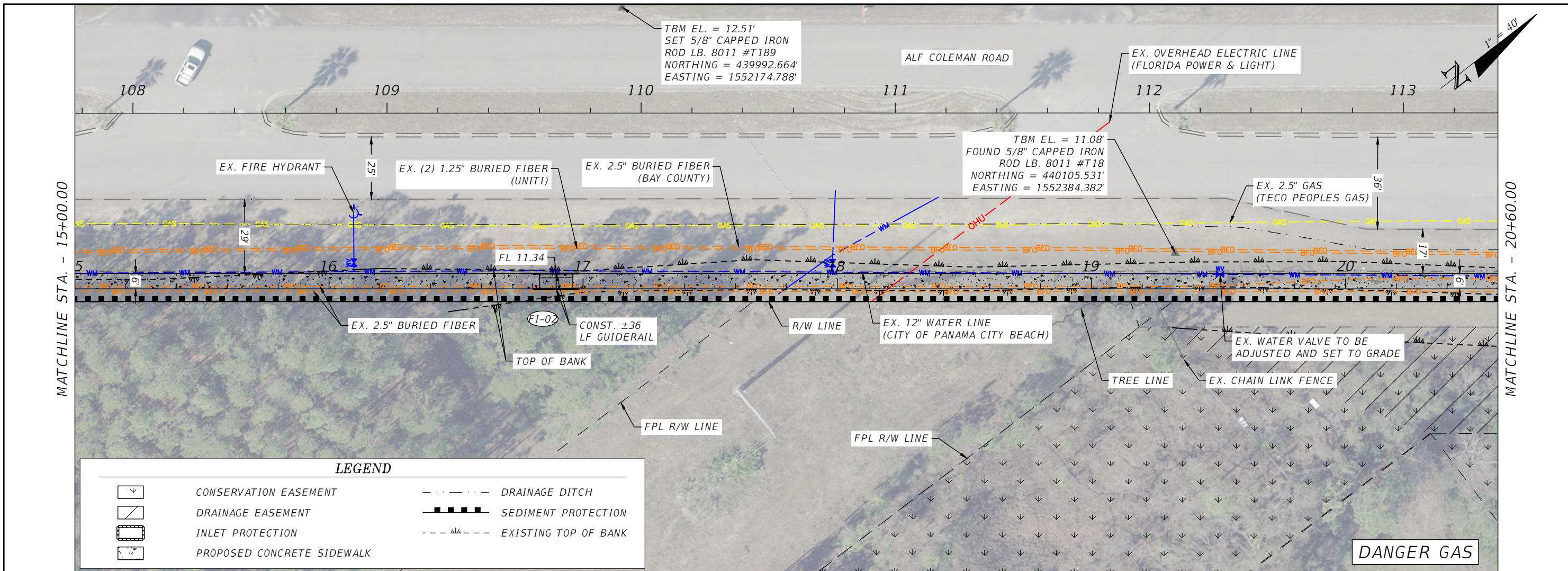
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**PLAN & PROFILE**

SHEET NO. 8

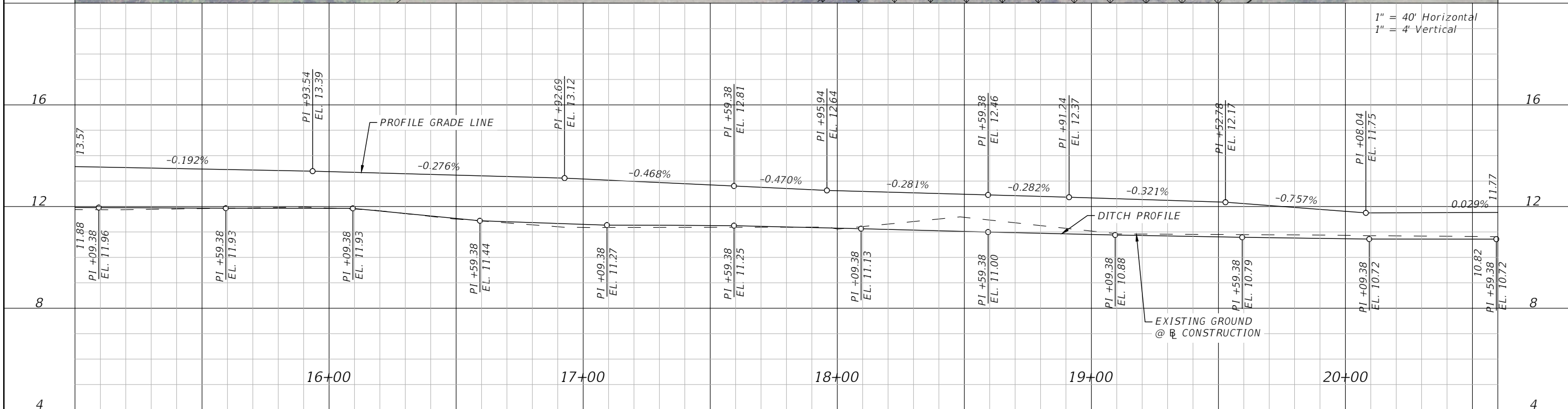
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**LEGEND**

	CONSERVATION EASEMENT		DRAINAGE DITCH
	DRAINAGE EASEMENT		SEDIMENT PROTECTION
	INLET PROTECTION		EXISTING TOP OF BANK
	PROPOSED CONCRETE SIDEWALK		



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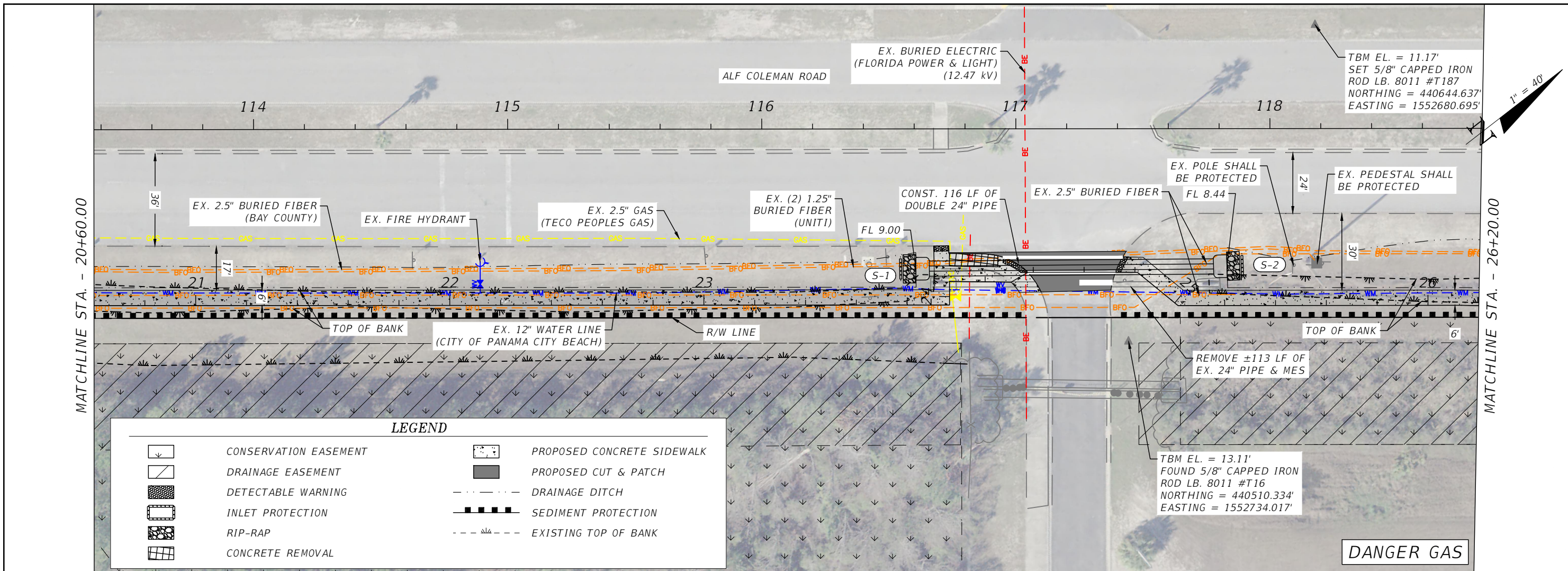
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**PLAN & PROFILE**

SHEET NO. 9

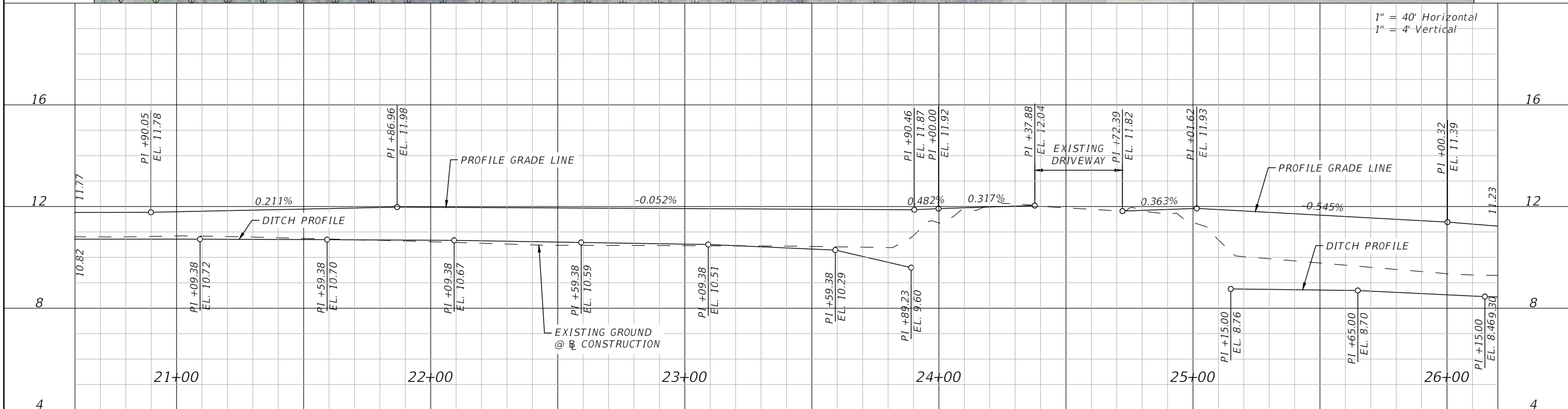
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**LEGEND**

	CONSERVATION EASEMENT		PROPOSED CONCRETE SIDEWALK
	DRAINAGE EASEMENT		PROPOSED CUT & PATCH
	DETECTABLE WARNING		DRAINAGE DITCH
	INLET PROTECTION		SEDIMENT PROTECTION
	RIP-RAP		EXISTING TOP OF BANK
	CONCRETE REMOVAL		



REVISIONS

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ALF COLEMAN SIDEWALKS	BAY	22-022

**PLAN & PROFILE**

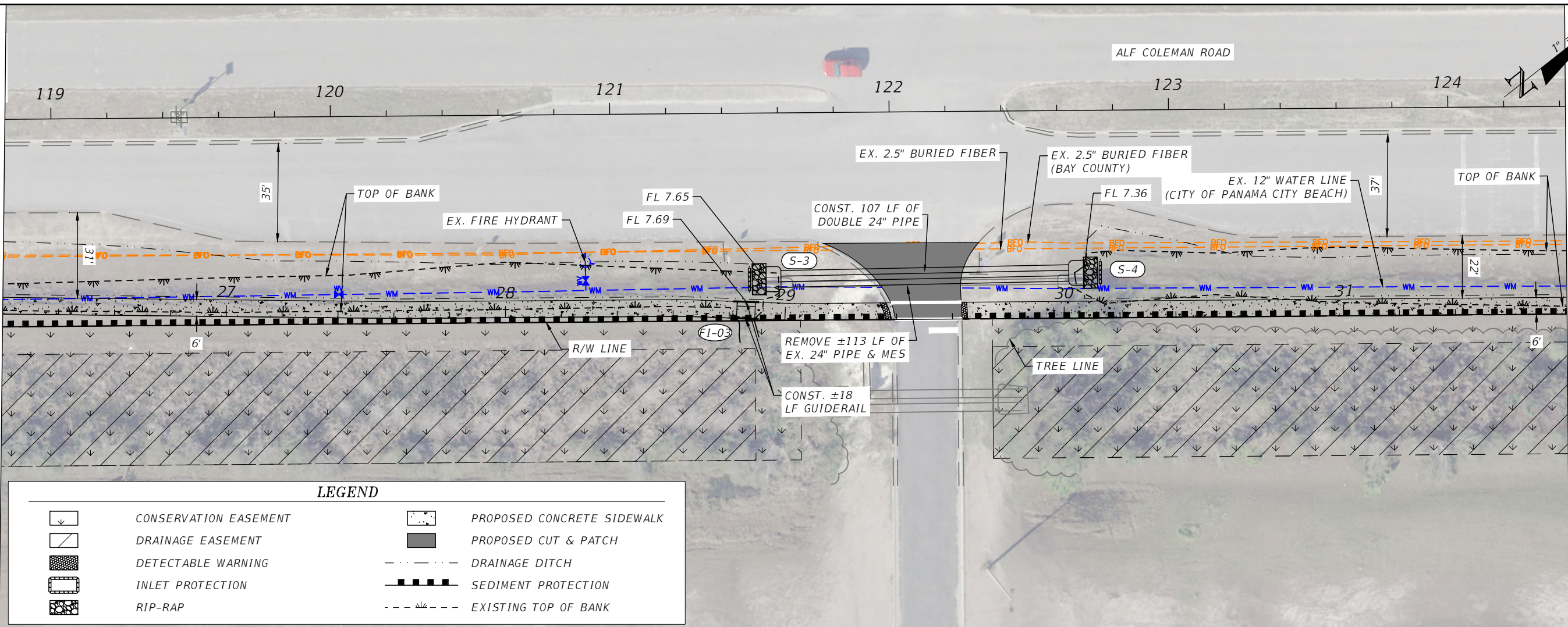
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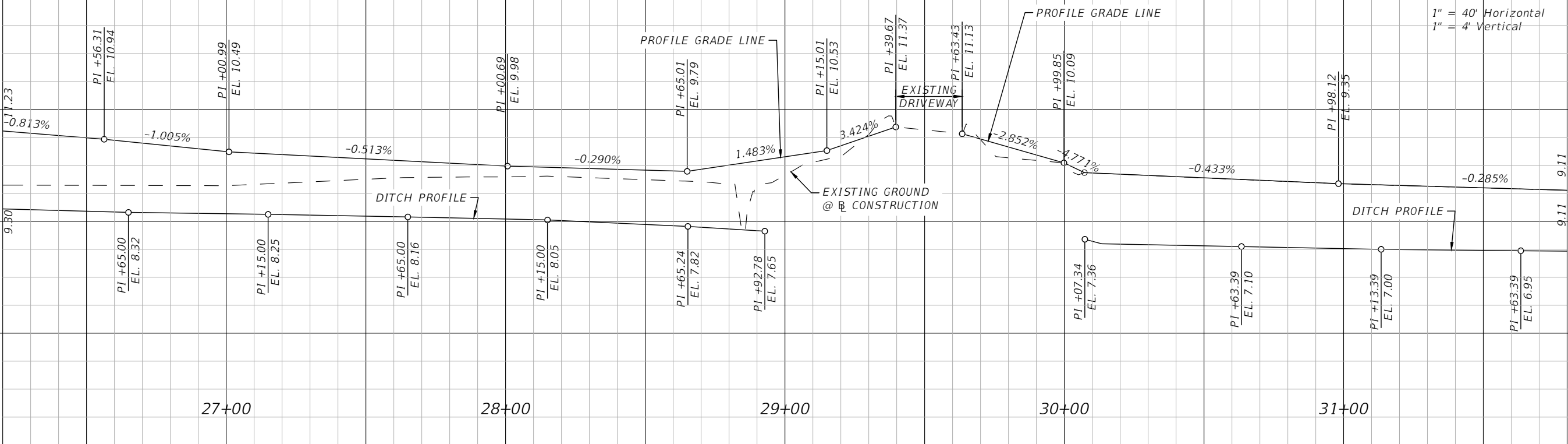
MATCHLINE STA. - 26+20.00

MATCHLINE STA. - 31+80.00



**LEGEND**

	CONSERVATION EASEMENT		PROPOSED CONCRETE SIDEWALK
	DRAINAGE EASEMENT		PROPOSED CUT & PATCH
	DETECTABLE WARNING		DRAINAGE DITCH
	INLET PROTECTION		SEDIMENT PROTECTION
	RIP-RAP		EXISTING TOP OF BANK



1" = 40' Horizontal  
1" = 4' Vertical

REVISIONS			
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

**CITY OF PANAMA CITY BEACH**

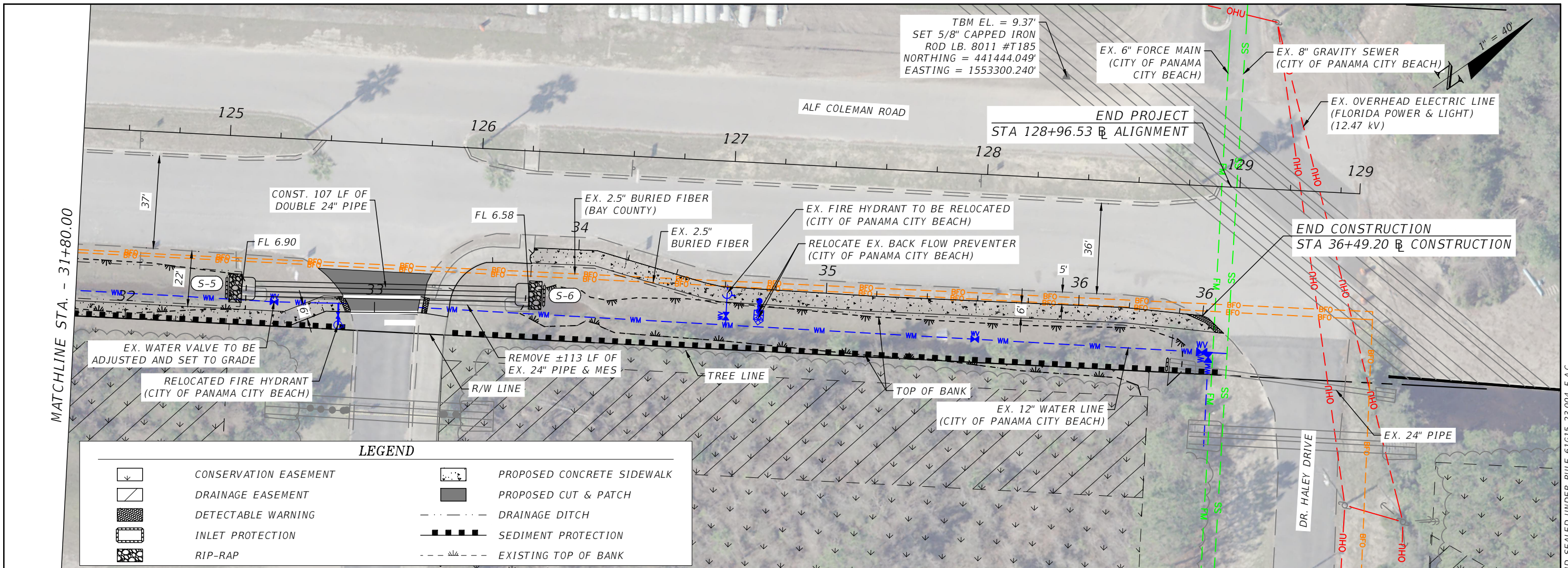
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**PLAN & PROFILE**

SHEET NO.  
**11**

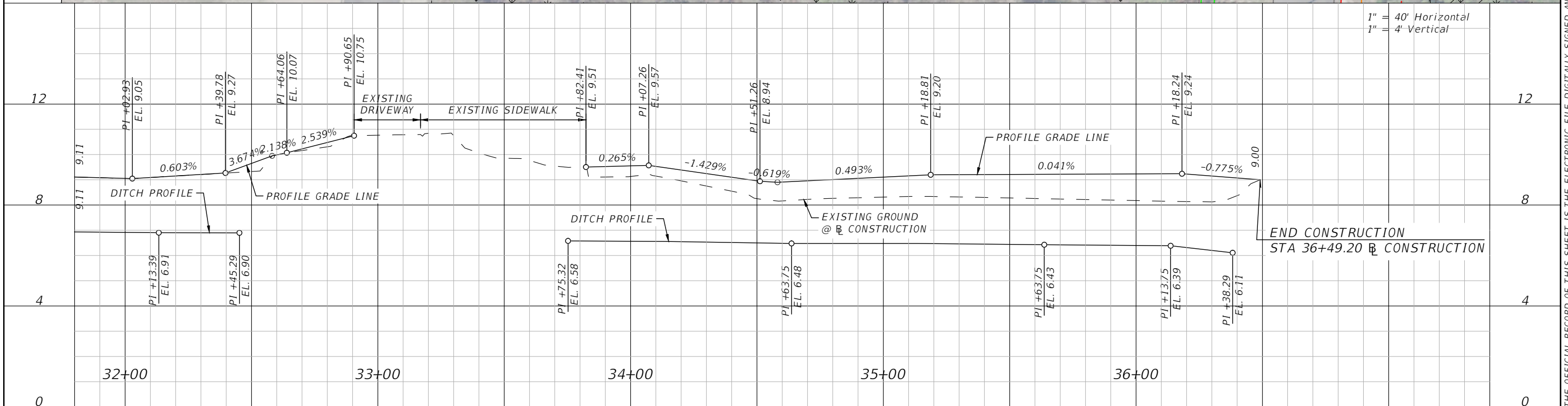
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.





**LEGEND**

	CONSERVATION EASEMENT		PROPOSED CONCRETE SIDEWALK
	DRAINAGE EASEMENT		PROPOSED CUT & PATCH
	DETECTABLE WARNING		DRAINAGE DITCH
	INLET PROTECTION		SEDIMENT PROTECTION
	RIP-RAP		EXISTING TOP OF BANK



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BLAKE R. FURBEE, P.E.  
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 GORTMOLLER ENGINEERING, INC.  
 708 THOMAS DRIVE  
 PANAMA CITY BEACH, FL 32408  
 REGISTRY NO. 09505

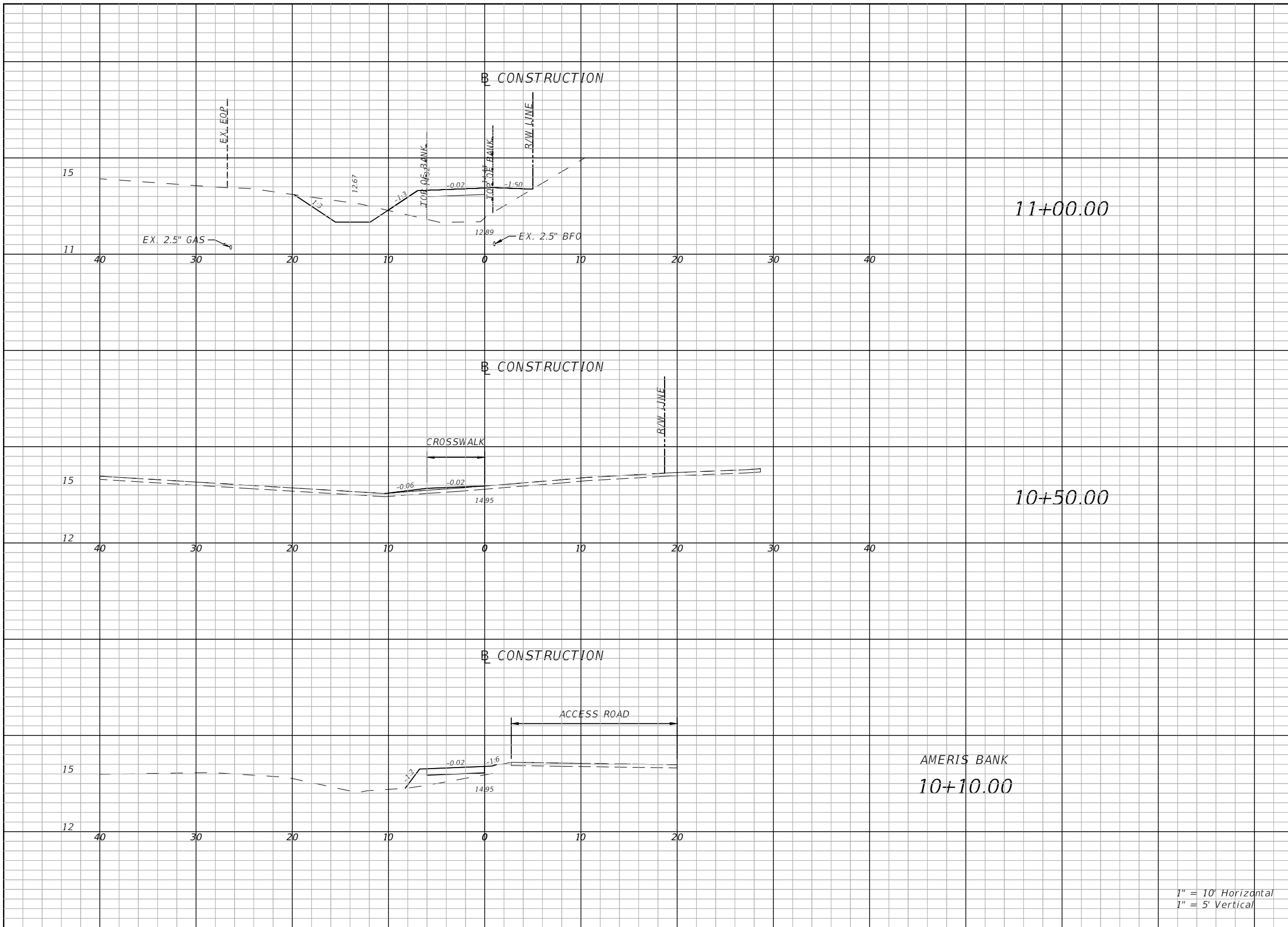
**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**PLAN & PROFILE**

SHEET NO. 12

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

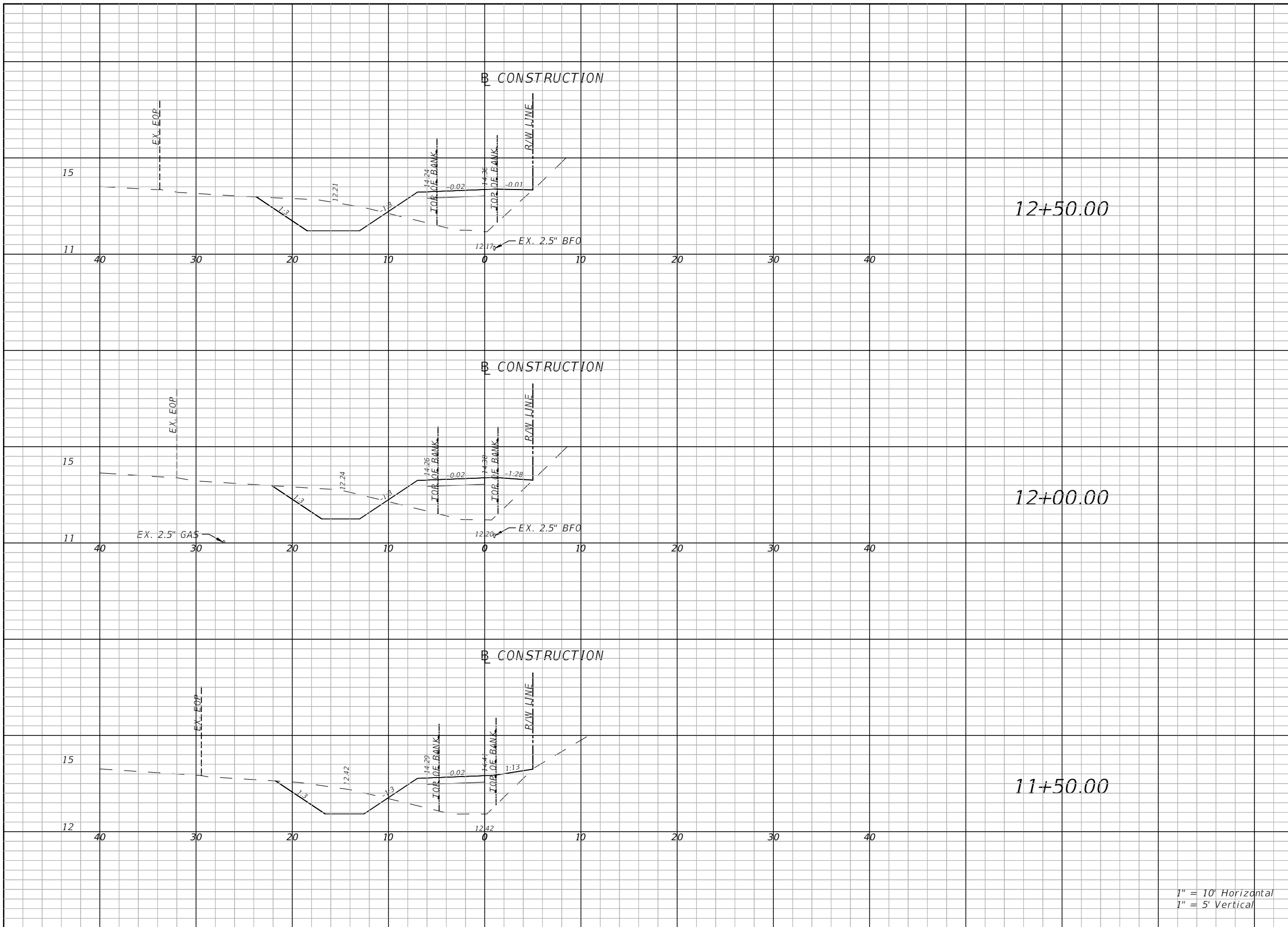
 CITY OF PANAMA CITY BEACH

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**13**

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

 **CITY OF PANAMA CITY BEACH**

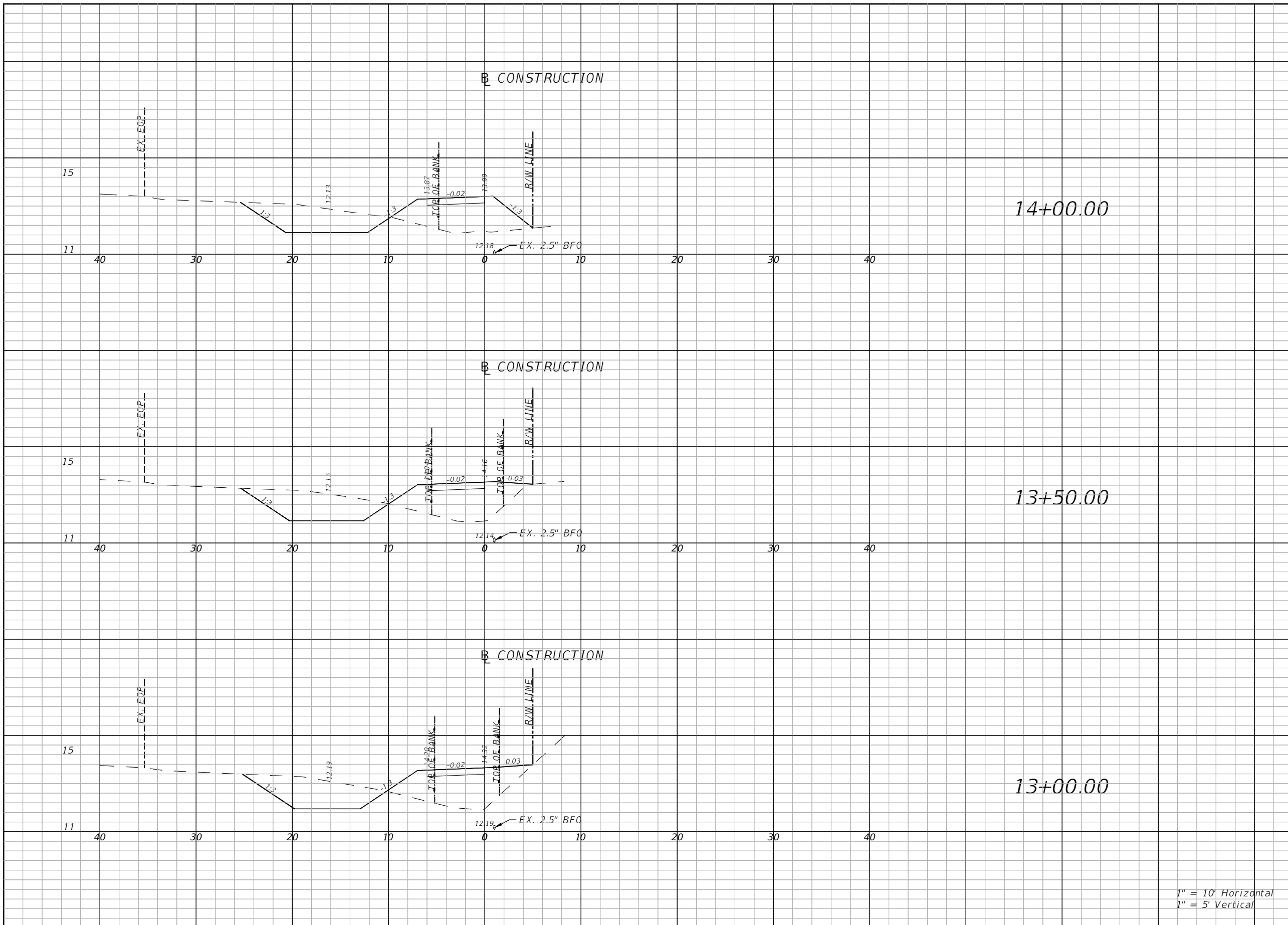
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**14**

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(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505



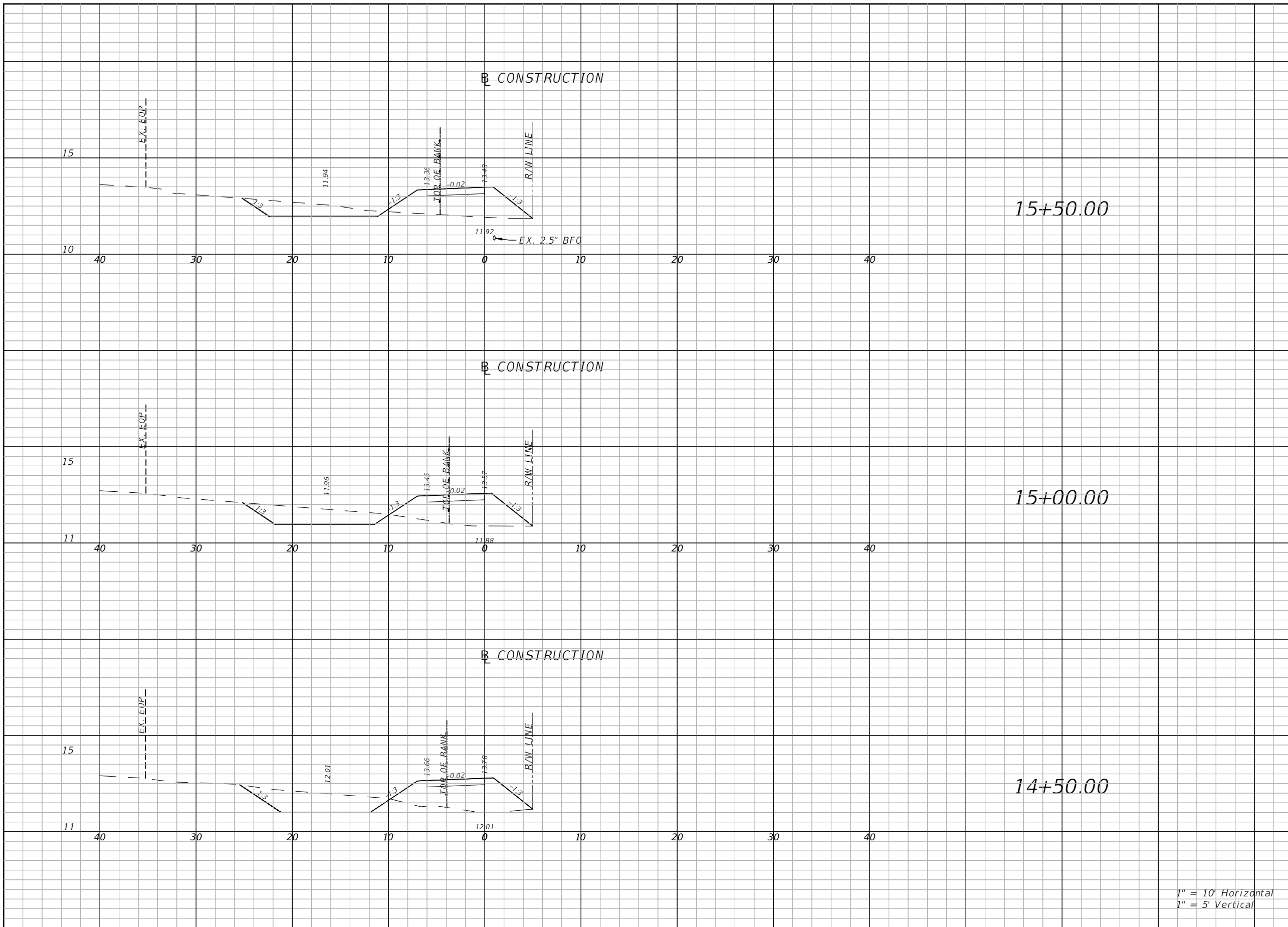
**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**15**

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
 1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

BLAKE R. FURBEE, P.E.  
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 GORTEMOLLER ENGINEERING, INC.  
 708 THOMAS DRIVE  
 PANAMA CITY BEACH, FL 32408  
 REGISTRY NO. 09505

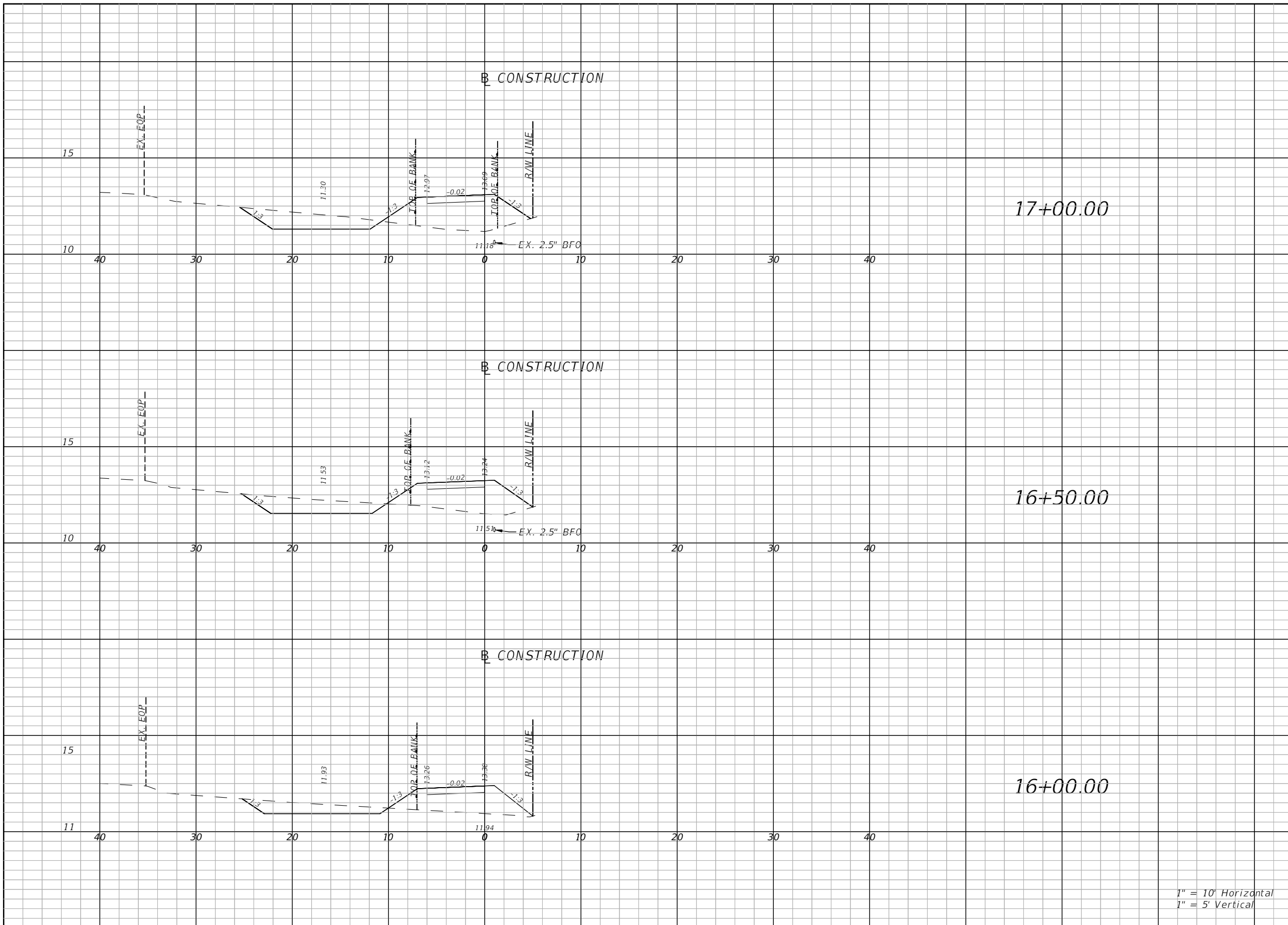
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
 16

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

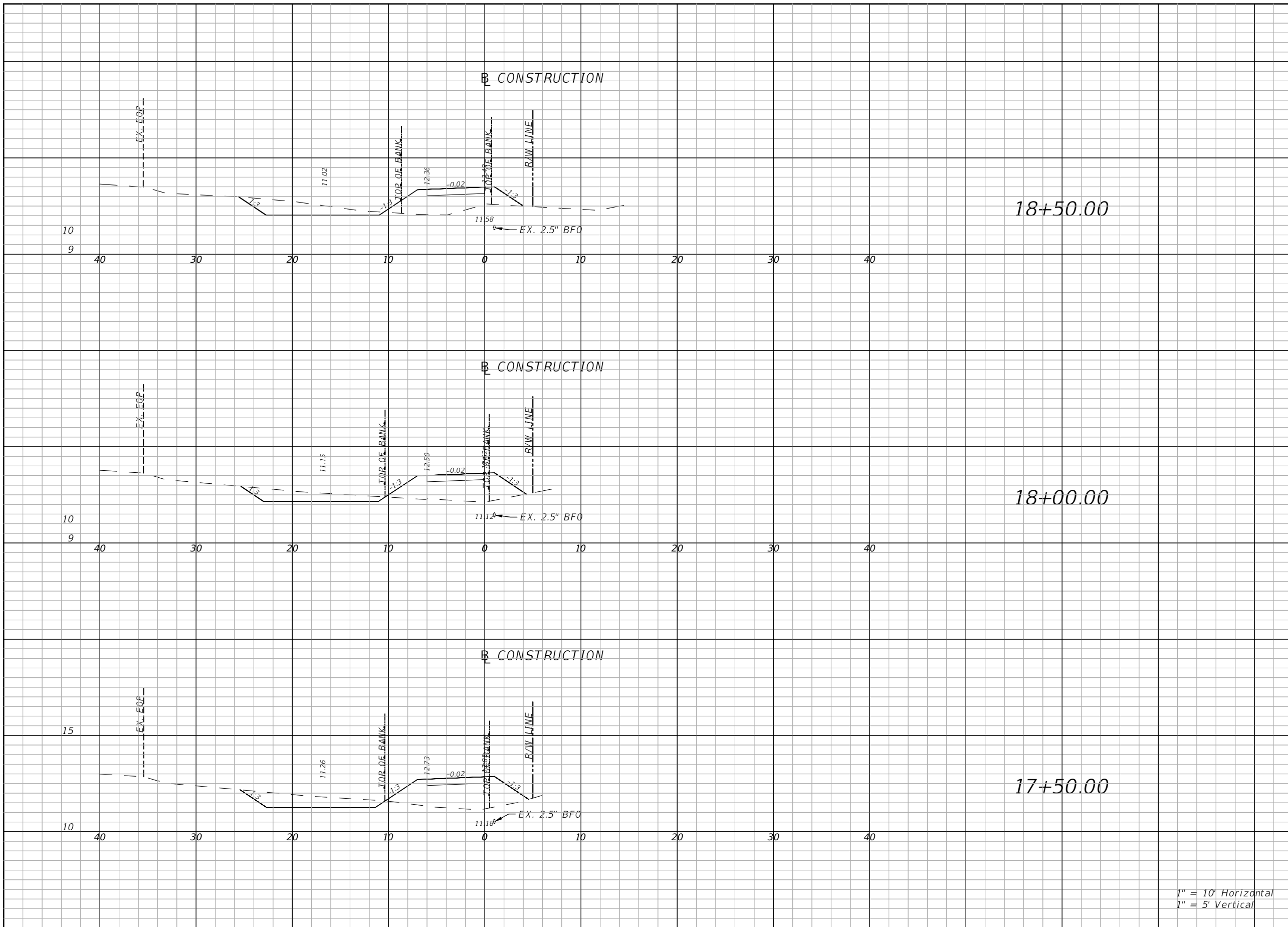
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**17**

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

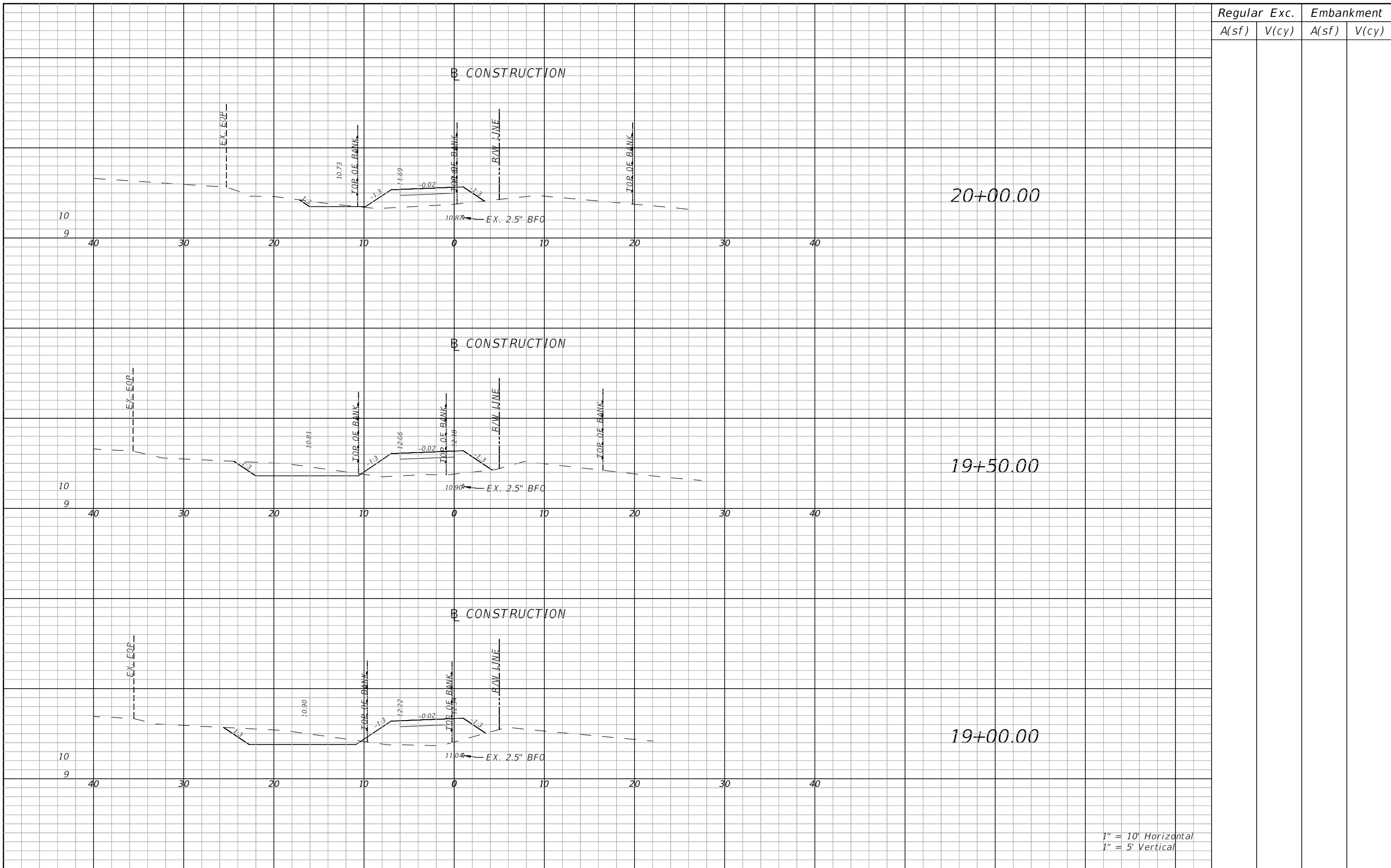
 CITY OF PANAMA CITY BEACH

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

CROSS SECTIONS

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.




Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

BLAKE R. FURBEE, P.E.  
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REGISTRY NO. 09505

 **CITY OF PANAMA CITY BEACH**

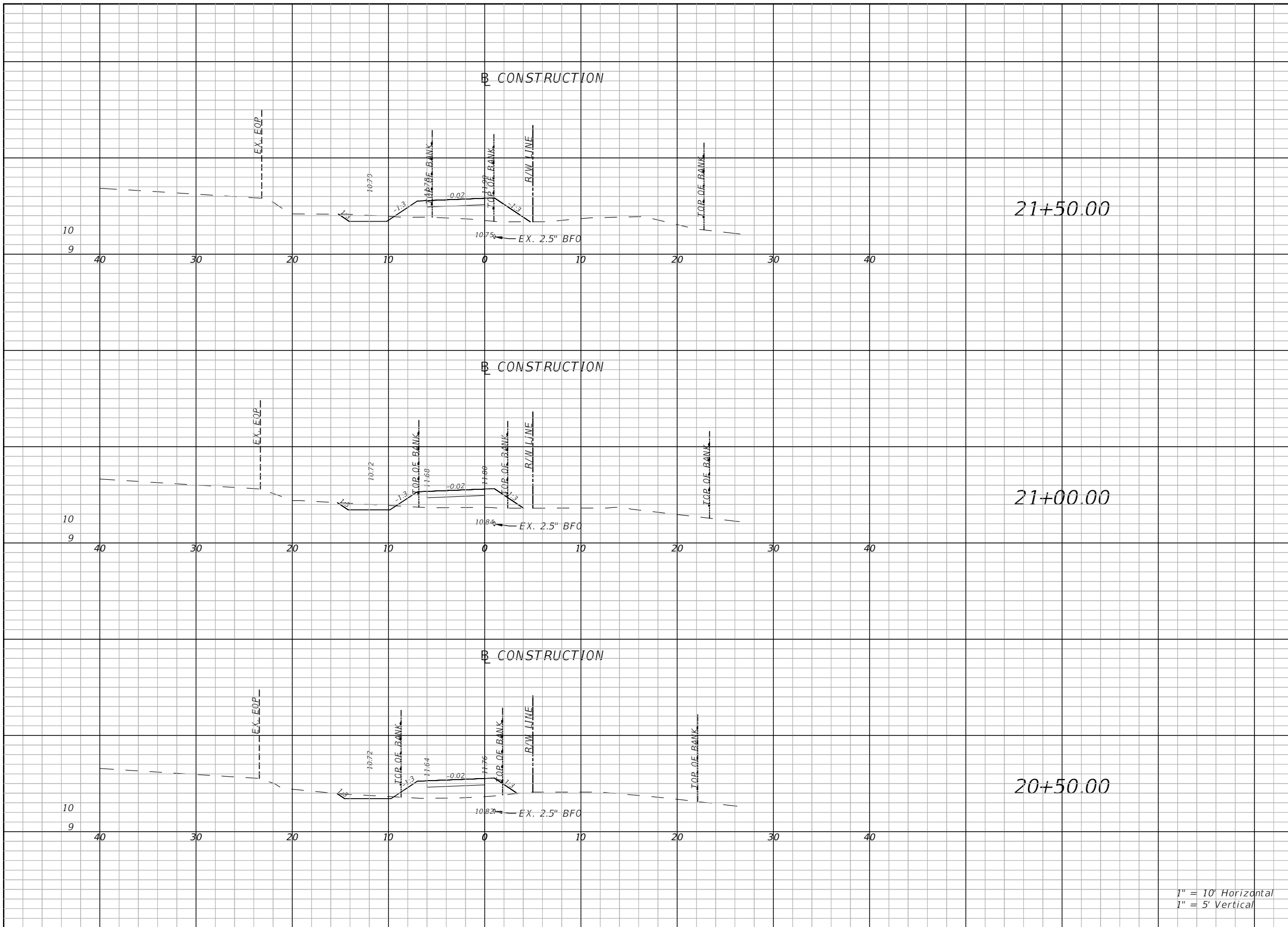
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**19**

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505



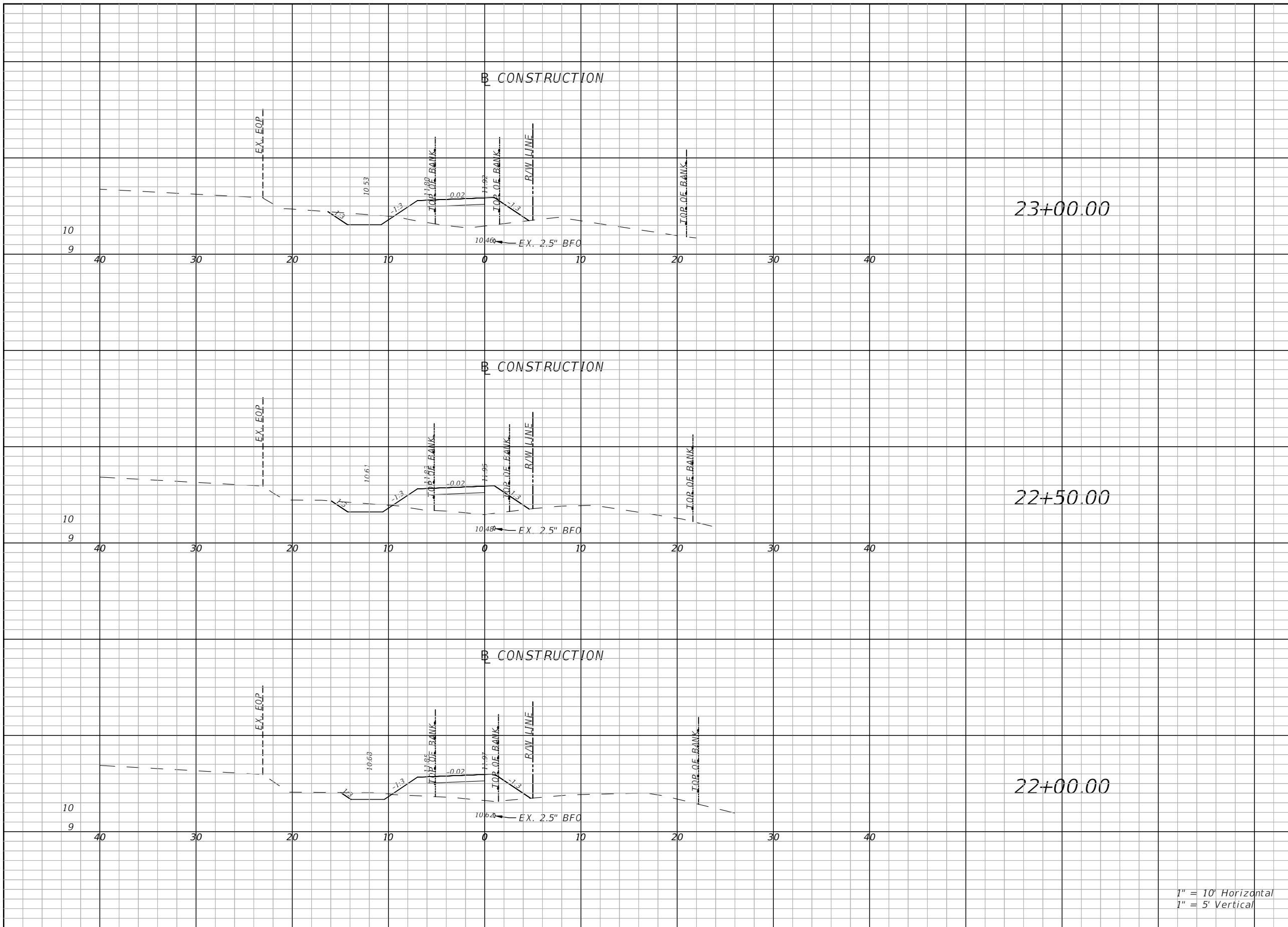
**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
20

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

BLAKE R. FURBEE, P.E.  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505



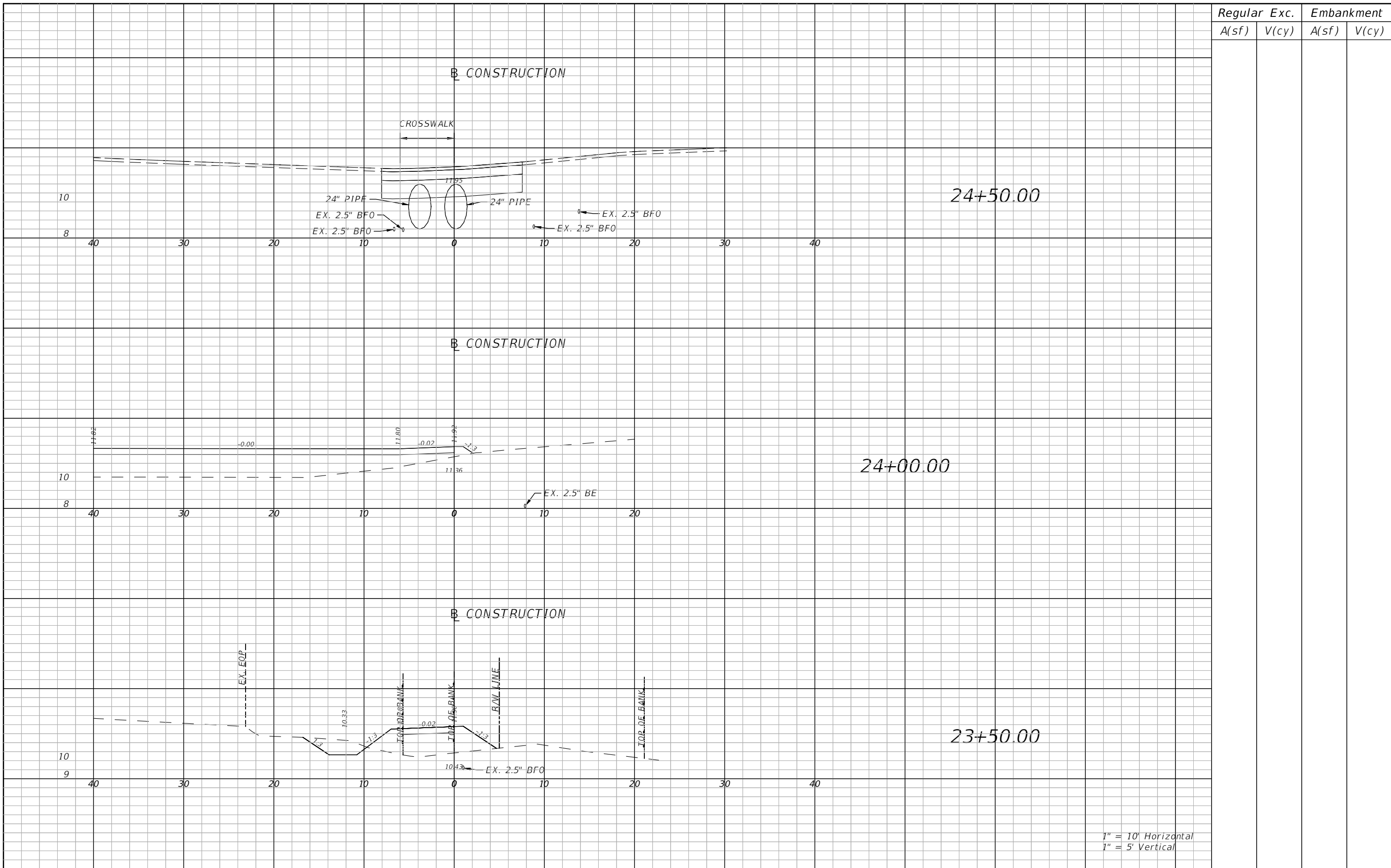
**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**21**

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

24+50.00


24+00.00

23+50.00

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

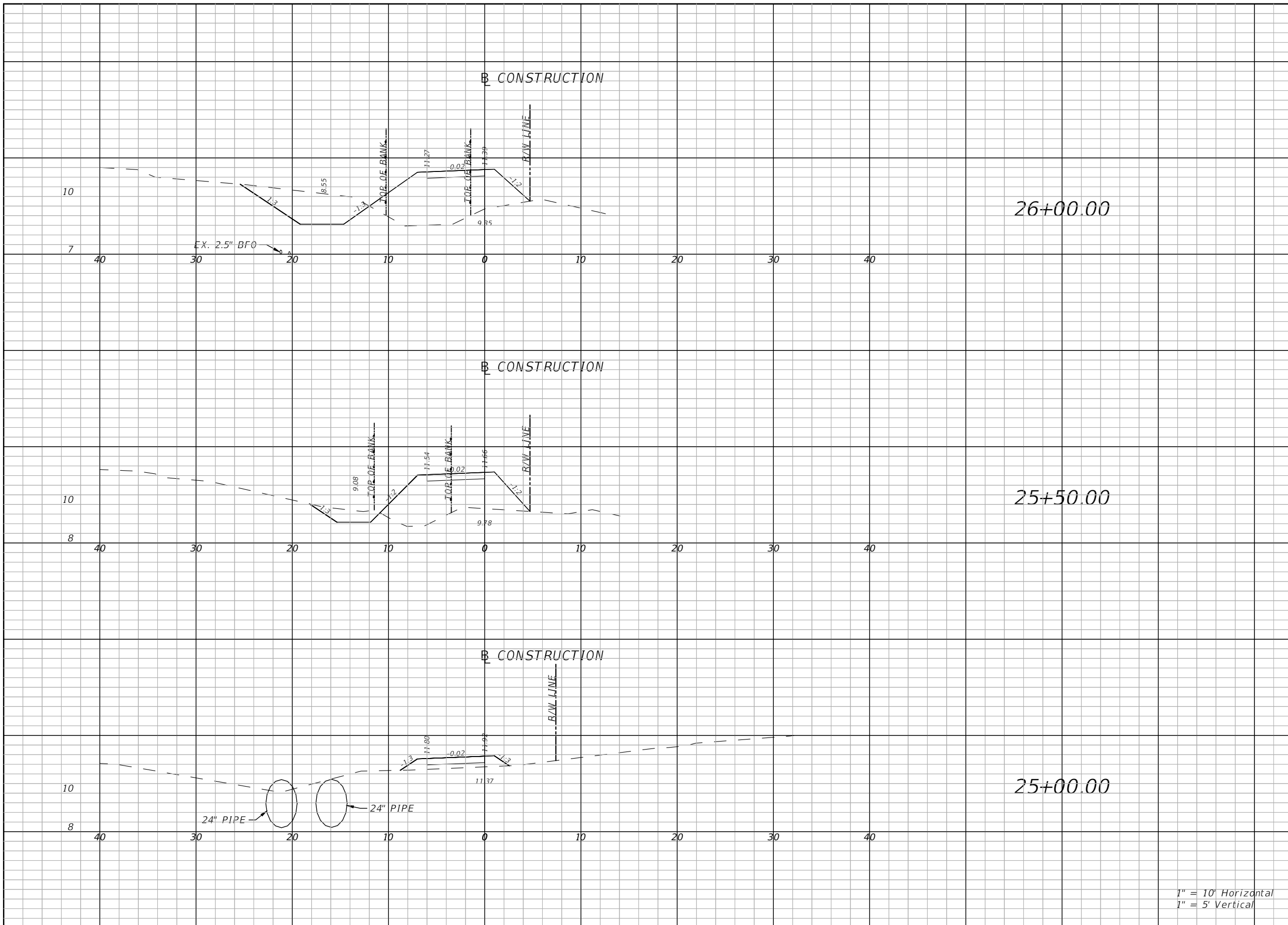
 CITY OF PANAMA CITY BEACH

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

CROSS SECTIONS

SHEET NO.  
22

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(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

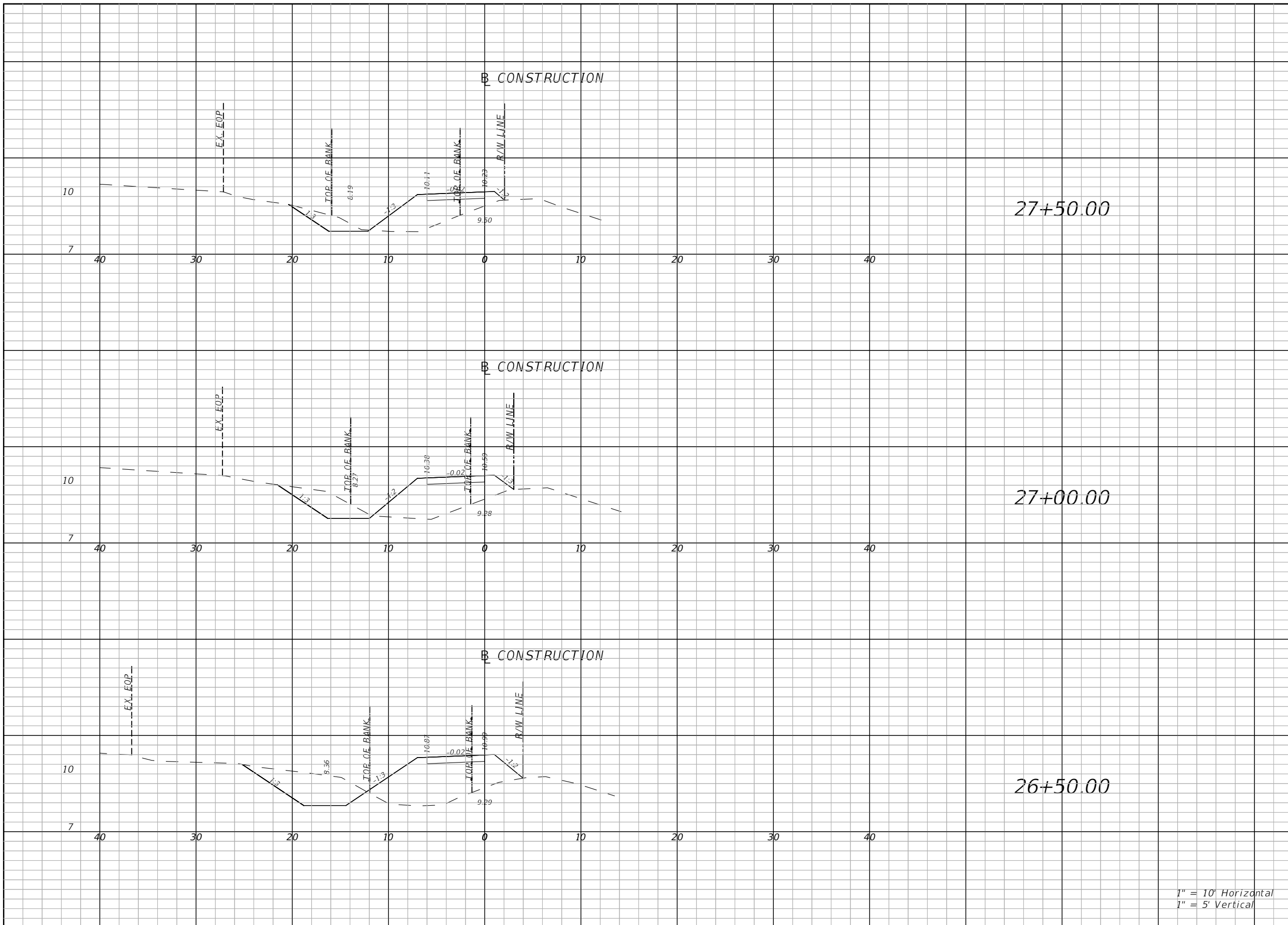
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
23

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
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708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

 **CITY OF PANAMA CITY BEACH**

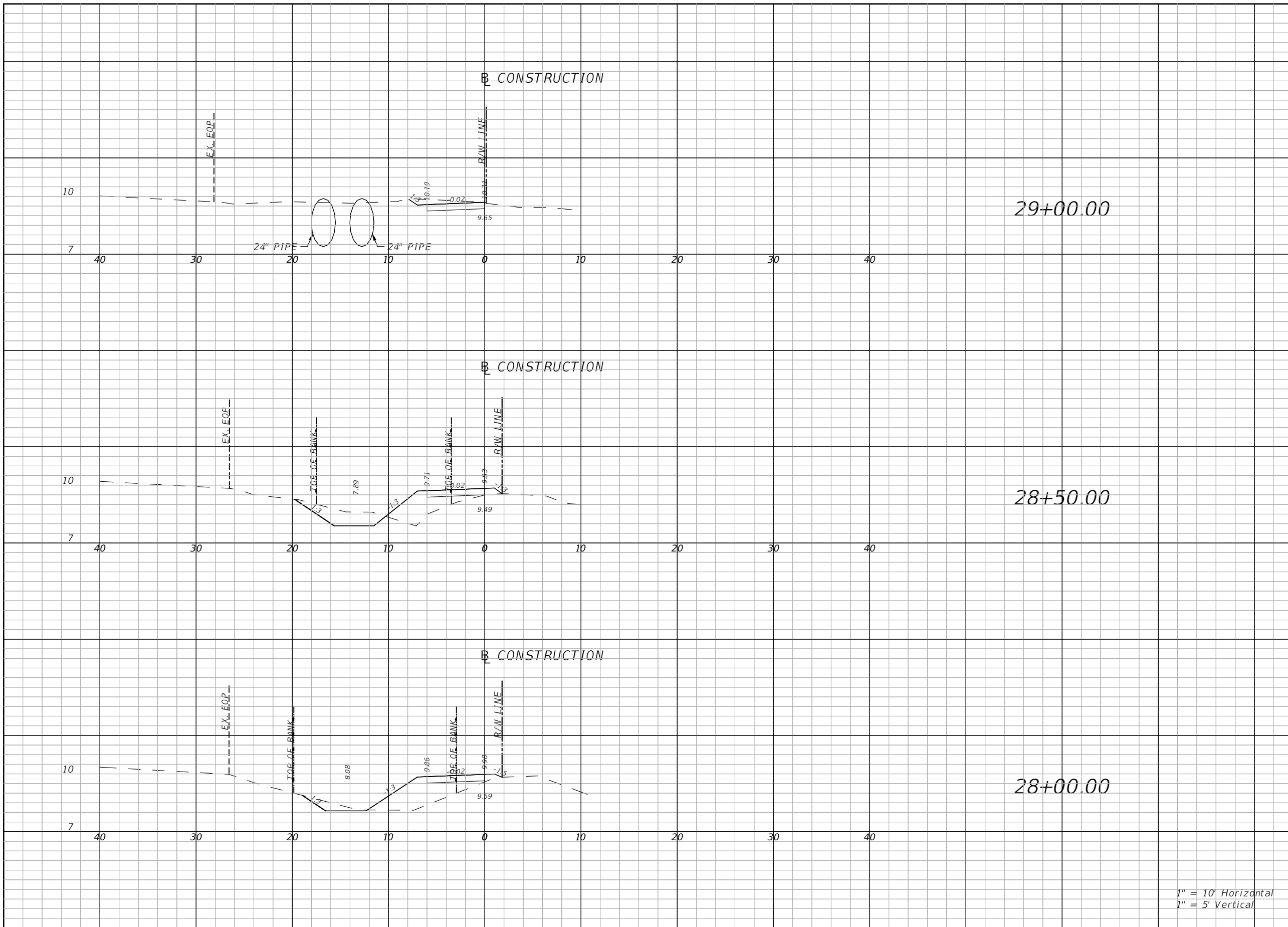
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
24

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(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

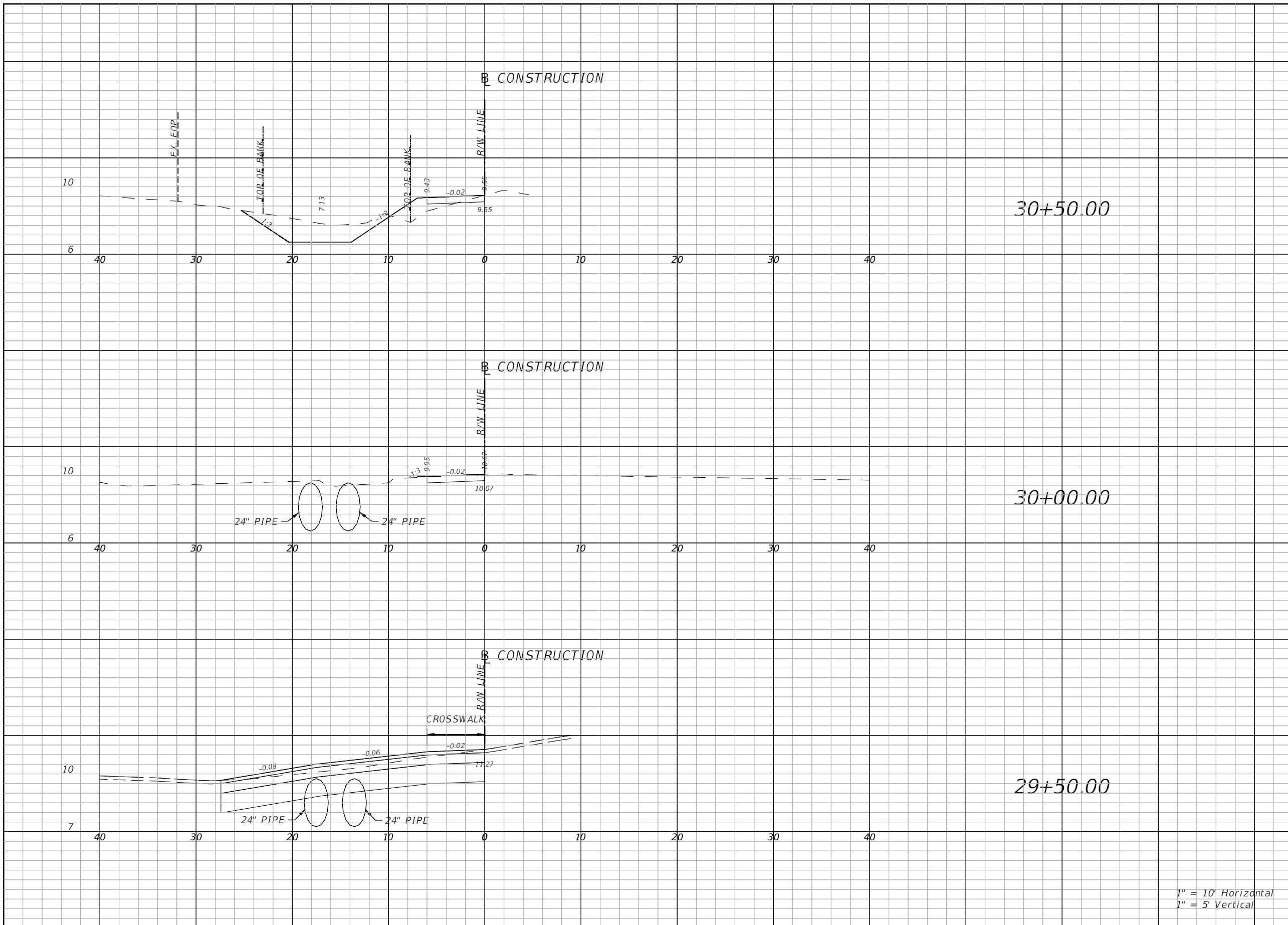
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
25

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

BLAKE R. FURBEE, P.E.  
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PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

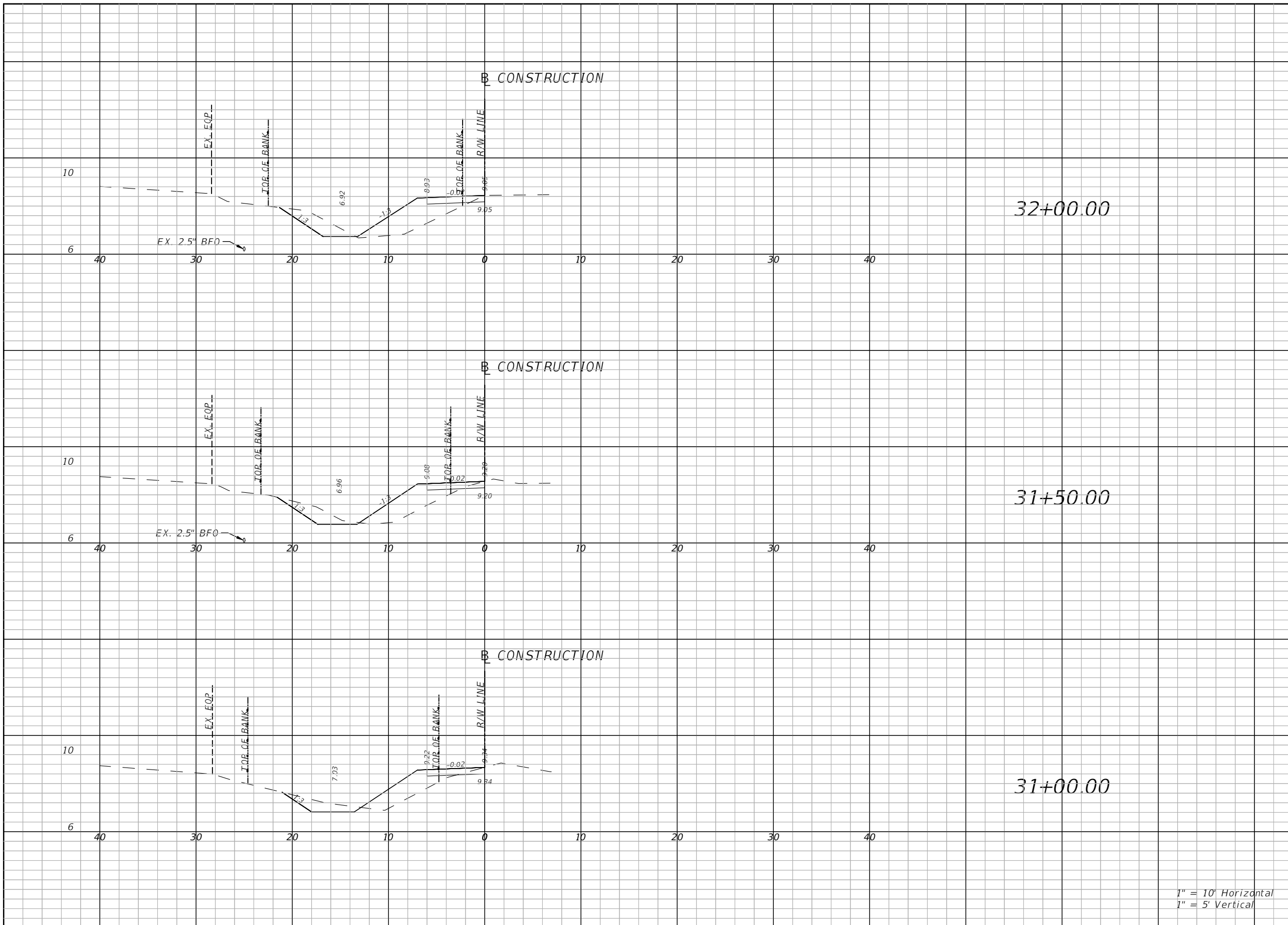
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

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.




Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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PANAMA CITY BEACH, FL 32408  
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**CITY OF PANAMA CITY BEACH**

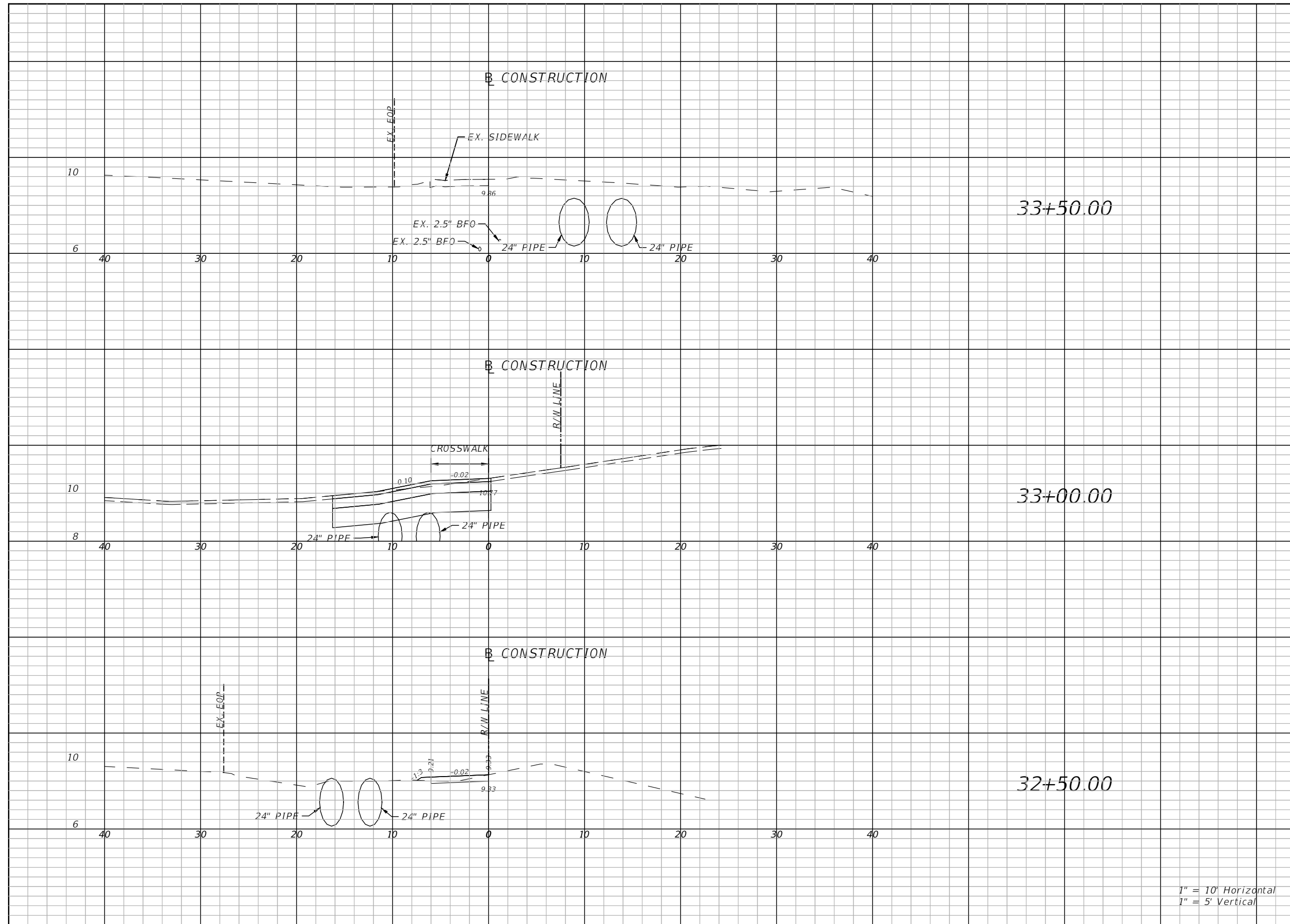
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**27**

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)



1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
---	---	---	---

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REGISTRY NO. 09505

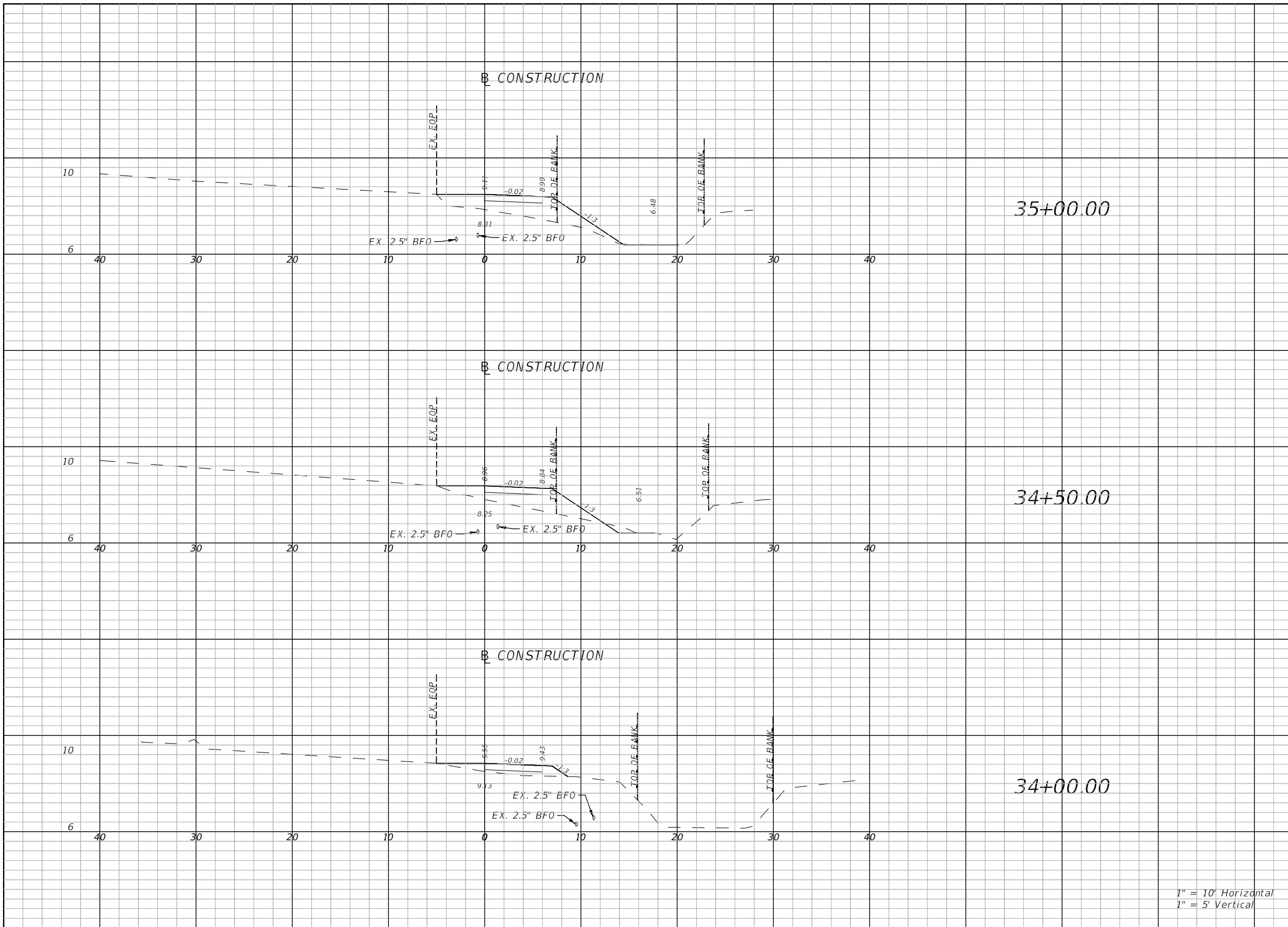
 **CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

SHEET NO.  
**28**

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Regular		Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)	A(sf)	V(cy)

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**CROSS SECTIONS**

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.

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)

B CONSTRUCTION

36+00.00

B CONSTRUCTION

35+50.00

1" = 10' Horizontal  
1" = 5' Vertical

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
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CITY OF PANAMA CITY BEACH

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

CROSS SECTIONS

SHEET NO.

30

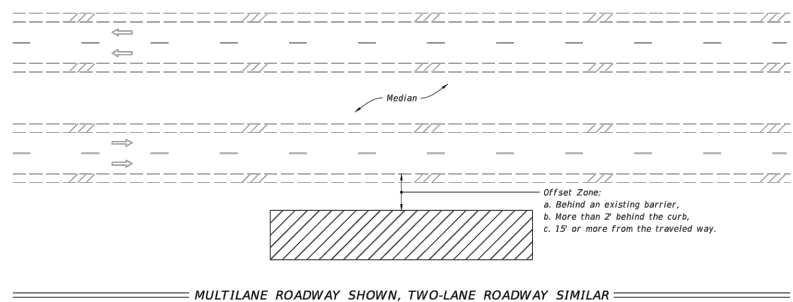
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

1. THE CONTRACTOR SHALL HAVE MOT SIGNAGE IN PLACE PRIOR TO BEGINNING ANY CONSTRUCTION.
2. ALL MAINTENANCE OF TRAFFIC IS TO BE PERFORMED IN ACCORDANCE WITH FDOT STANDARD PLANS 102 SERIES.
3. LANE CLOSURE RESTRICTIONS: FROM 6:00 A.M. TO 8:00 A.M. AND 2:00 P.M. TO 6:30 P.M. - NO LANE CLOSURE. NO LANE CLOSURES WILL BE ALLOWED DURING THE MONTH OF APRIL. AT THE DISCRETION OF THE CITY ENGINEER, IF LANE CLOSURE CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS THE TRAFFIC FLOW HAS RETURNED TO NORMAL. ALL EXISTING LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS DURING AN EVACUATION NOTICE OF A HURRICANE OR ANY OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE SHALL GIVE RESIDENTS AND BUSINESSES LOCATED ON THE PROJECT RIGHT-OF-WAY 48 HOURS NOTICE OF START OF CONSTRUCTION AND HAVE MAINTENANCE OF TRAFFIC SIGNAGE IN PLACE PRIOR TO BEGINNING ANY CONSTRUCTION. THE CITY WILL PROVIDE DOOR HANGER TYPE NOTICES TO THE CONTRACTOR. CONTRACTOR PERSONNEL SHALL DISTRIBUTE TO EACH BUSINESS AND RESIDENT 24 HOURS PRIOR TO STARTING ANY OPERATIONS THAT COULD PREVENT ACCESS TO ANY RESIDENCE OR BUSINESS. THE CONTRACTOR SHOULD INCLUDE THE COST OF THESE NOTIFICATIONS IN THEIR MAINTENANCE OF TRAFFIC (MOT) COSTS.
5. ALL ROAD CLOSURES REQUIRE LAW ENFORCEMENT, EMERGENCY SERVICES AND BAY DISTRICT SCHOOLS TO BE NOTIFIED IN ADVANCE OF THE CLOSURE. ANY ROAD CLOSURES WILL REQUIRE A MINIMUM OF TEN (10) WORKING DAYS NOTICE AND CITY ENGINEER APPROVAL PRIOR TO CLOSURE.
6. IN THE EVENT THAT LAW ENFORCEMENT IS REQUIRED FOR MAINTENANCE OF TRAFFIC, THE CONTRACTOR SHALL INCLUDE THE COST UNDER THE MAINTENANCE OF TRAFFIC LUMP SUM PAY ITEM.
7. THE CONTRACTOR SHALL HAVE A WORK SITE TRAFFIC SUPERVISOR QUALIFIED PER FDOT STANDARD SPECIFICATIONS SECTION 105 WHO SHALL EXECUTE THE DUTIES DESCRIBED IN FDOT STANDARD SPECIFICATIONS 102.
8. IF WORK IS REQUIRED AFTER SUNSET, ALL ELEMENTS OF THE NIGHT REQUIREMENTS FOR TRAFFIC CONTROL THROUGH WORK ZONES ARE SPECIFIED IN THE FDOT STANDARD PLANS SHALL BE IN PLACE PRIOR TO BEGINNING WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A WORK SCHEDULE SO THAT ANY LOCATION UNDER CONSTRUCTION WILL NOT BE LEFT IN A HAZARDOUS CONDITION AT THE END OF ANY WORK PERIOD.
10. THE CONTRACTOR SHALL REMOVE OR COVER ANY EXISTING OR PROPOSED SIGNS OR PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS OR PAVEMENT MARKINGS TO THEIR ORIGINAL POSITION.
11. THE CONTRACTOR SHALL MAINTAIN THE POSTED SPEED LIMIT. SIGNS SHALL BE PROPERLY PLACED IN ACCORDANCE WITH FDOT DESIGN STANDARDS AND SPECIFICATIONS.
12. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO MAINTAIN ADEQUATE TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES.
13. THE CONTRACTOR SHALL COOPERATE WITH LOCAL RESIDENTS IN GAINING ACCESS TO THEIR HOMES AND BUSINESSES DURING WORKING HOURS AND SHALL ASSIST AT ALL TIMES WHEN VEHICLES EXPERIENCE TROUBLE DUE TO CONSTRUCTION ACTIVITIES.
14. THE CONTRACTOR SHALL PUT FORTH EVERY REASONABLE EFFORT TO MINIMIZE DISRUPTION AND DISTURBANCE OF ADJACENT PROPERTIES. ACCESS BY PROPERTY OWNERS TO THEIR PROPERTY SHALL BE MAINTAINED AT ALL TIMES, AND ANY BARRICADING OF ACCESS MUST BE COORDINATED WITH THE AFFECTED PROPERTY OWNERS.
15. SEE SPECIAL PROVISIONS, SECTION 102 (MAINTENANCE OF TRAFFIC) FOR ANY ADDITIONAL REQUIREMENTS.
16. THE CONTRACTOR SHALL USE ANY APPLICABLE INDEXES FROM FDOT STANDARDS, 2023 (INDEX 600 SERIES) PERTAINING TO TRAFFIC CONTROL THROUGH WORK ZONES.
17. WORK REQUIRING CLOSURE OF ARNOLD HIGH SCHOOL ACCESS CONNECTIONS SHALL FOLLOW THE LANE CLOSURE RESTRICTIONS AND SHALL NOT BE PERFORMED DURING SCHOOL HOURS. CLOSURE OF THESE ACCESSES SHALL BE COORDINATED WITH ARNOLD HIGH SCHOOL.

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

REVISIONS				BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH	TEMPORARY TRAFFIC CONTROL NOTES	SHEET NO.  31					
DATE	DESCRIPTION	DATE	DESCRIPTION									
----	----				<table border="1"> <tr> <th>PROJECT</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> <tr> <td>ALF COLEMAN SIDEWALKS</td> <td>BAY</td> <td>22-022</td> </tr> </table>	PROJECT	COUNTY	PROJECT NO.	ALF COLEMAN SIDEWALKS	BAY	22-022	
PROJECT	COUNTY	PROJECT NO.										
ALF COLEMAN SIDEWALKS	BAY	22-022										



**NOTES:**

- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
- Use Index 102-602 when the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.
- Use Index 102-600 when Work Area encroaches a Sidewalk.

**SYMBOLS:**

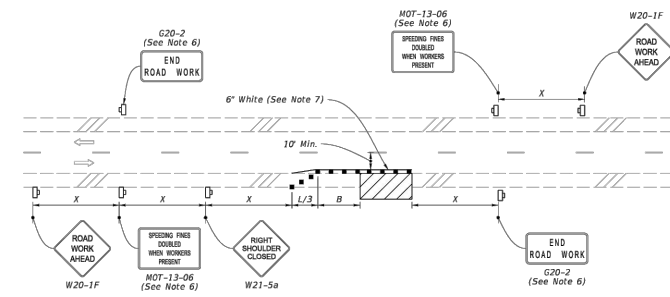
- Work Area
- Lane Identification and Direction of Traffic

LAST REVISION II/01/20	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE ROADWAY, WORK BEYOND THE SHOULDER	INDEX 102-601	SHEET 1 of 1
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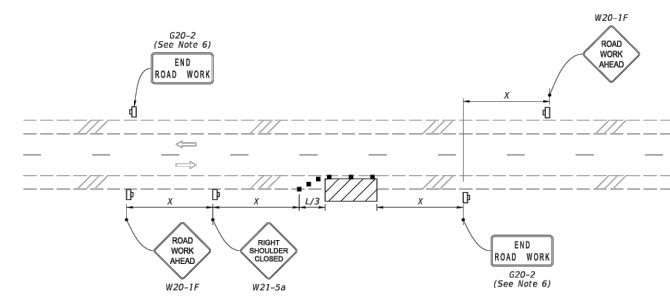
- NOTE:**
- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
  - L = Taper Length  
X = Work Zone Sign Spacing  
B = Buffer Length  
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
  - Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
  - When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
  - For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
  - The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
  - Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
  - Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
  - When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

**SYMBOLS:**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

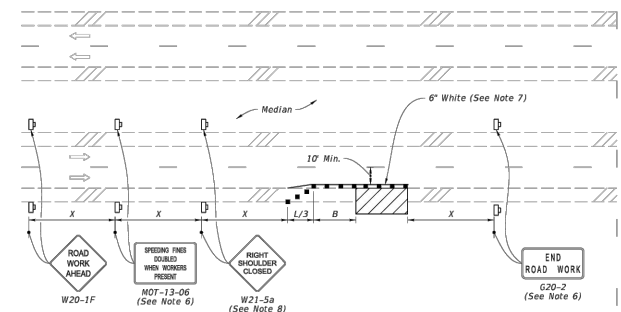


TWO-LANE ROADWAY  
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY  
WITH WORK ZONE SPEED OF 45 MPH OR LESS

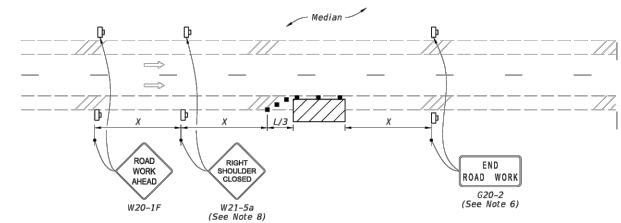


TWO-LANE ROADWAY  
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

LAST REVISION II/01/21	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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MULTILANE ROADWAY  
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY  
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY  
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

**SYMBOLS:**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

LAST REVISION II/01/20	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 2 of 2
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTENOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

**CITY OF PANAMA CITY BEACH**

PROJECT: ALF COLEMAN SIDEWALKS    COUNTY: BAY    PROJECT NO.: 22-022

**TEMPORARY TRAFFIC CONTROL PLAN**

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.



Summary of Lump Sum Items								
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0101-1	Mobilization	LS	1		1			

Summary of Temporary Traffic Control Plan Items								
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0102-1	Maintenance of Traffic	LS	1		1			

Summary of Erosion Control and Sediment Control Devices												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0104-10-3	Sediment Barrier	LF	6.9		2469		Alignment	102+99.78	103+06.72	RT		
			437.6				Alignment	103+39.22	107+77.17	RT		
			560.0				Alignment	107+77.17	113+37.17	RT		
			367.0				Alignment	113+37.17	117+04.17	RT		
			150.2				Alignment	117+37.45	118+87.69	RT		
			312.6				Alignment	118+87.69	122+00.28	RT		
			222.2				Alignment	122+25.52	124+47.71	RT		
			104.9				Alignment	124+47.71	125+52.59	RT		
			307.8				Alignment	125+88.78	128+96.53	RT		
0104-18	Inlet Protection System	EA	1.0		9		Alignment	103+02.51	103+02.51	RT		
			1.0				Alignment	103+52.26	103+52.26	RT		
			1.0				Alignment	116+54.64	116+54.64	RT		
			1.0				Alignment	117+89.06	117+89.06	RT		
			1.0				Alignment	121+49.52	121+49.52	RT		
			1.0				Alignment	122+75.13	122+75.13	RT		
			1.0				Alignment	125+01.63	125+01.63	RT		
			1.0				Alignment	126+27.19	126+27.19	RT		
			1.0				Alignment	128+74.80	128+74.80	RT		

REVISIONS				BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH	SUMMARY OF QUANTITIES			SHEET NO.		
DATE	DESCRIPTION	DATE	DESCRIPTION								
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PROJECT	COUNTY	PROJECT NO.									
ALF COLEMAN SIDEWALKS	BAY	22-022									

Summary of Clearing Grubbing and Removal Items												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0110-1-1	Clearing & Grubbing	AC	0.300		1.49		Alignment	102+97.05	107+77.18	RT		
			0.372				Alignment	107+77.18	113+37.18	RT		
			0.273				Alignment	113+37.18	118+82.66	RT		
			0.314				Alignment	118+82.66	124+42.09	RT		
			0.231				Alignment	124+42.09	128+96.53	RT		
0110-4-10	Removal of Existing Concrete	SY	10.4		10		Alignment	116+73.84	116+92.85	RT		

PAY ITEM 0110-1-1 LUMP SUM PRICE INCLUDES SAW CUTTING, REMOVAL AND DISPOSAL OF CONCRETE DRIVEWAY PAVEMENTS AND DRAINAGE STRUCTURES AND ASPHALT DRIVEWAY PAVEMENTS. INCLUDES REMOVAL AND DISPOSAL OF BUSHES, TREES, OTHER VEGETATION, STUMPS AND ROOT SYSTEMS. INCLUDES SHRUB AND TREE TRIMMING IDENTIFIED IN THE CONTRACT DOCUMENTS.

Summary of Earthwork												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0120-1	Regular Excavation	CY	690.0		690.0		Alignment	102+97.05	128+96.53	RT		
0120-6	Embankment	CY	1237.0		1237.0		Alignment	102+97.05	128+96.53	RT		

Summary of Pavement												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0160-4	Type B Stabilization	SY	64.4		227		Alignment	116+73.64	117+43.49	RT		
			100.4				Alignment	121+76.12	122+31.73	RT		
			61.7				Alignment	125+37.46	125+82.29	RT		
0285-704	Optional Base, Base Group 04	SY	64.4		227		Alignment	116+73.64	117+43.49	RT		
			100.4				Alignment	121+76.12	122+31.73	RT		
			61.7				Alignment	125+37.46	125+82.29	RT		
0327-70-1	Milling Existing Asphalt Pavement, 1" Avg Depth	SY	42.7		43		Alignment	103+02.57	103+53.39	RT		
0334-1-53	Superpave Asphaltic Concrete, SP-9.5, Traffic C, PG76-22	TN	3.52		28.4		Alignment	103+02.57	103+53.39	RT		
			7.08				Alignment	116+73.64	117+43.49	RT		
			11.04				Alignment	121+76.12	122+31.73	RT		
			6.79				Alignment	125+37.46	125+82.29	RT		

Summary of Utility Adjustments												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
1080-22-400	Utility Fixture - Backflow Assembly, Relocate	EA	1.0		1		Alignment	127+12.45	127+12.45	RT		
1080-24-500	Utility Fixture, Valve Assembly, Adjust/Modify	EA	1.0		3		Alignment	103+98.01	103+98.01	RT		
			1.0				Alignment	112+27.85	112+27.85	RT		
			1.0				Alignment	125+20.68	125+20.68	RT		
1644-800	Fire Hydrant, Relocate	EA	1.0		1		Alignment	125+46.32	126+99.47	RT		

REVISIONS				BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH	PROJECT COUNTY PROJECT NO. ALF COLEMAN SIDEWALKS BAY 22-022			SHEET NO. SQ-2	
DATE	DESCRIPTION	DATE	DESCRIPTION							
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**Summary of Drainage**

Pay Item Number	Label	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
				P	F	P	F	Alignment	Begin Station	End Station	Side		
0425-1-910	FI-01	Inlets, Closed Flume	EA	1.0		4		Ⓜ Alignment	103+66.44	103+66.44	RT	FL 12.33	
	FI-02			2.0				Ⓜ Alignment	109+66.54	109+66.54	RT	FL 11.34	
	FI-03			1.0				Ⓜ Alignment	121+48.26	121+48.26	RT	FL 7.69	
0430-174-124		Pipe Culvert, Reinforced Concrete Pipe, Round, 24" SD	LF	232.0		660		Ⓜ Alignment	116+64.08	117+79.62	RT		
				214.0				Ⓜ Alignment	121+58.96	122+65.69	RT		
				214.0				Ⓜ Alignment	125+11.08	126+17.75	RT		
0430-984-129	S-1	Mitered End Section, Round, 24" SD	EA	2.0		12		Ⓜ Alignment	116+64.08	116+64.08	RT	FL 9.00	
	S-2			2.0				Ⓜ Alignment	117+79.62	117+79.62	RT	FL 8.44	
	S-3			2.0				Ⓜ Alignment	121+58.96	121+58.96	RT	FL 7.65	
	S-4			2.0				Ⓜ Alignment	122+65.69	122+65.69	RT	FL 7.36	
	S-5			2.0				Ⓜ Alignment	125+11.08	125+11.08	RT	FL 6.90	
	S-6			2.0				Ⓜ Alignment	126+17.75	126+17.75	RT	FL 6.58	

**Summary of Miscellaneous Drainage Items**

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0530-3-4	Riprap, Rubble, F&I, Ditch Lining	TN	4.47		26.8		Ⓜ Alignment	116+55.58	116+60.58	RT		
			4.47				Ⓜ Alignment	117+82.89	117+88.23	RT		
			4.47				Ⓜ Alignment	121+50.49	121+55.49	RT		
			4.47				Ⓜ Alignment	122+69.11	122+74.15	RT		
			4.47				Ⓜ Alignment	125+02.56	125+07.71	RT		
			4.47				Ⓜ Alignment	126+21.17	126+26.21	RT		
0530-74	Bedding Stone	TN	3.21		19.3		Ⓜ Alignment	116+55.58	116+60.58	RT		
			3.21				Ⓜ Alignment	117+82.89	117+88.23	RT		
			3.21				Ⓜ Alignment	121+50.49	121+55.49	RT		
			3.21				Ⓜ Alignment	122+69.11	122+74.15	RT		
			3.21				Ⓜ Alignment	125+02.56	125+07.71	RT		
			3.21				Ⓜ Alignment	126+21.17	126+26.21	RT		

**Summary of Railing**

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0515-1-2	Pipe Handrail - Guiderail, Aluminum	LF	9.0		72		Ⓜ Alignment	103+61.99	103+68.64	RT		
			9.0				Ⓜ Alignment	103+66.06	103+72.71	RT		
			18.0				Ⓜ Alignment	109+57.53	109+75.53	RT		
			18.0				Ⓜ Alignment	109+57.55	109+75.55	RT		
			9.0				Ⓜ Alignment	121+43.57	121+52.56	RT		
			9.0				Ⓜ Alignment	121+43.84	121+52.83	RT		

**REVISIONS**

DATE	DESCRIPTION	DATE	DESCRIPTION
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BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505



**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

**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 Sidewalk and Detectable Warnings												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0522-1	Concrete Sidewalk and Driveway, 4" Thick	SY	23.8		1662		Ⓡ Alignment	102+99.78	103+13.31	RT		
		SY	292.5				Ⓡ Alignment	103+41.92	107+77.18	RT		
		SY	373.3				Ⓡ Alignment	107+77.18	113+37.18	RT		
		SY	263.6				Ⓡ Alignment	113+37.18	117+09.91	RT		
		SY	97.6				Ⓡ Alignment	117+39.20	118+82.27	RT		
		SY	212.6				Ⓡ Alignment	118+82.27	122+01.76	RT		
		SY	144.5				Ⓡ Alignment	122+25.25	124+42.08	RT		
		SY	72.8				Ⓡ Alignment	124+42.08	125+51.21	RT		
		SY	181.7				Ⓡ Alignment	126+20.94	128+96.53	RT		
0527-2	Detectable Warnings	SF	18.9		156		Ⓡ Alignment	103+03.65	103+12.11	RT		
		SF	17.0				Ⓡ Alignment	103+43.30	103+51.93	RT		
		SF	11.9				Ⓡ Alignment	116+67.64	116+73.58	RT		
		SF	19.6				Ⓡ Alignment	116+94.92	117+04.72	RT		
		SF	13.3				Ⓡ Alignment	117+39.20	117+44.37	RT		
		SF	12.7				Ⓡ Alignment	121+96.16	122+00.28	RT		
		SF	12.0				Ⓡ Alignment	122+25.25	122+27.52	RT		
		SF	13.6				Ⓡ Alignment	125+45.73	125+51.21	RT		
		SF	12.1				Ⓡ Alignment	125+79.08	125+81.96	RT		
		SF	24.8				Ⓡ Alignment	128+81.40	128+96.53	RT		

Summary of Performance Turf												
Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Location				Design Notes	Construction Remarks
			P	F	P	F	Alignment	Begin Station	End Station	Side		
0570-1-2	Performance Turf, Sod	SY	13.2		5256		Ⓡ Alignment	102+97.05	103+14.76	RT		
			1079.6				Ⓡ Alignment	103+41.92	107+77.18	RT		
			1426.7				Ⓡ Alignment	107+77.18	113+37.18	RT		
			590.9				Ⓡ Alignment	113+37.18	117+01.37	RT		
			303.2				Ⓡ Alignment	117+37.40	118+82.66	RT		
			624.1				Ⓡ Alignment	118+82.66	122+00.11	RT		
			437.3				Ⓡ Alignment	122+25.15	124+42.09	RT		
			171.6				Ⓡ Alignment	124+42.09	125+51.21	RT		
			609.4				Ⓡ Alignment	125+89.62	128+96.53	RT		

<p style="text-align: center;">REVISIONS</p> <table border="1"> <thead> <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>				DATE	DESCRIPTION	DATE	DESCRIPTION	----	----			<p>BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505</p>	 <p style="text-align: center;">CITY OF PANAMA CITY BEACH</p> <table border="1"> <thead> <tr> <th>PROJECT</th> <th>COUNTY</th> <th>PROJECT NO.</th> </tr> </thead> <tbody> <tr> <td>ALF COLEMAN SIDEWALKS</td> <td>BAY</td> <td>22-022</td> </tr> </tbody> </table>	PROJECT	COUNTY	PROJECT NO.	ALF COLEMAN SIDEWALKS	BAY	22-022	<p><b>SUMMARY OF QUANTITIES</b></p>	<p>SHEET NO.</p> <p style="text-align: center;">SQ-4</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
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PROJECT	COUNTY	PROJECT NO.																			
ALF COLEMAN SIDEWALKS	BAY	22-022																			

**TABULATION OF QUANTITIES**

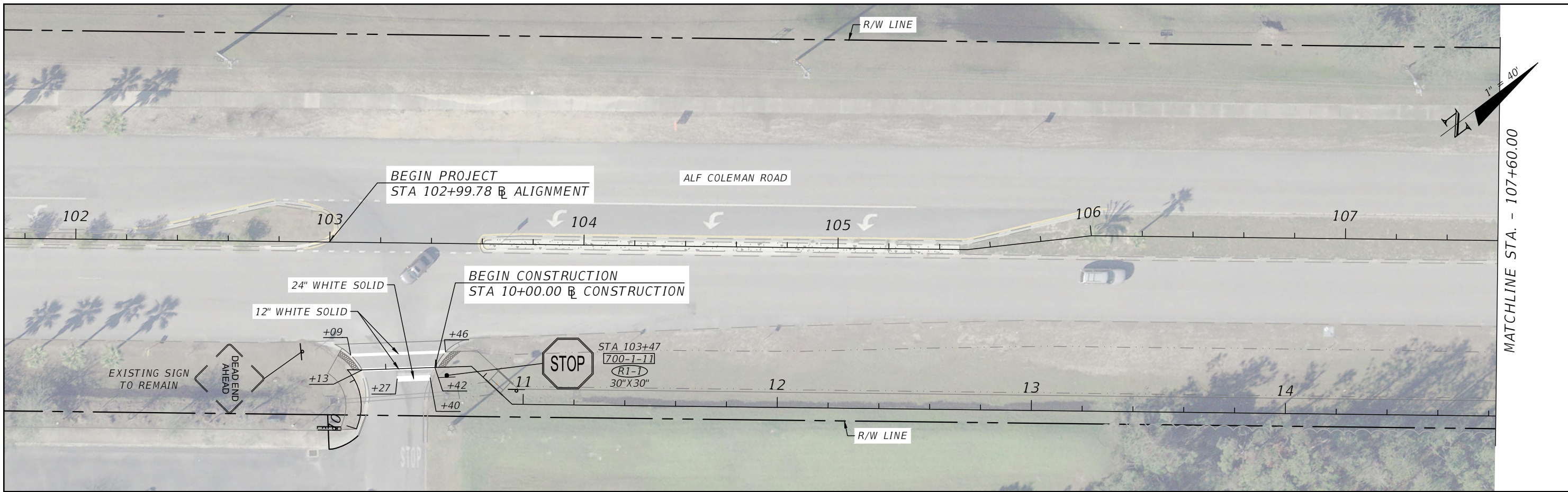
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-2		S-3		S-4										PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0700-1-11	SINGLE POST SIGN, F&I, GROUND MOUNT, UP TO 12 SF	AS	1														1		1	
0700-1-50	SINGLE POST SIGN, RELOCATE	AS			1		1										2		2	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF	66		130		56										252		252	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24"	LF	13		23		12										48		48	
0710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS															1		1	
0711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	66		130		56										252		252	
0711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	13		23		12										48		48	
0711-17-1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS - SURFACE TO REMAIN	SF	13		23		12										48		48	

\*THESE QUANTITIES PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION: SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

<p align="center">REVISIONS</p> <table border="1"> <thead> <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>				DATE	DESCRIPTION	DATE	DESCRIPTION	----	----			BLAKE R. FURBEE, P.E. P.E. LICENSE NUMBER 88505 GORTEMOLLER ENGINEERING, INC. 708 THOMAS DRIVE PANAMA CITY BEACH, FL 32408 REGISTRY NO. 09505	 CITY OF PANAMA CITY BEACH PROJECT: ALF COLEMAN SIDEWALKS    COUNTY: BAY    PROJECT NO.: 22-022	<p align="center"><b>TABULATION OF QUANTITIES</b></p>	SHEET NO. S-1
DATE	DESCRIPTION	DATE	DESCRIPTION												
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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.





MATCHLINE STA. - 107+60.00



MATCHLINE STA. - 107+60.00

MATCHLINE STA. - 113+20.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BLAKE R. FURBEE, P.E.  
 P.E. LICENSE NUMBER 88505  
 GORTEMOLLER ENGINEERING, INC.  
 708 THOMAS DRIVE  
 PANAMA CITY BEACH, FL 32408  
 REGISTRY NO. 09505

**CITY OF PANAMA CITY BEACH**

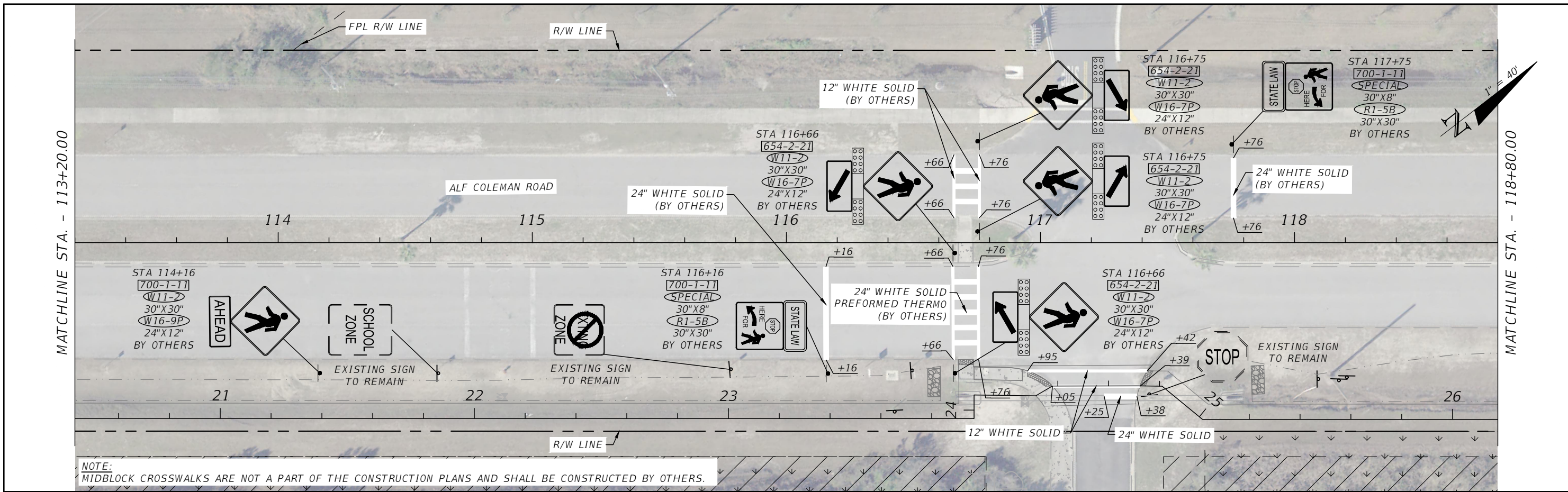
PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

SIGNING & PAVEMENT  
MARKING PLAN

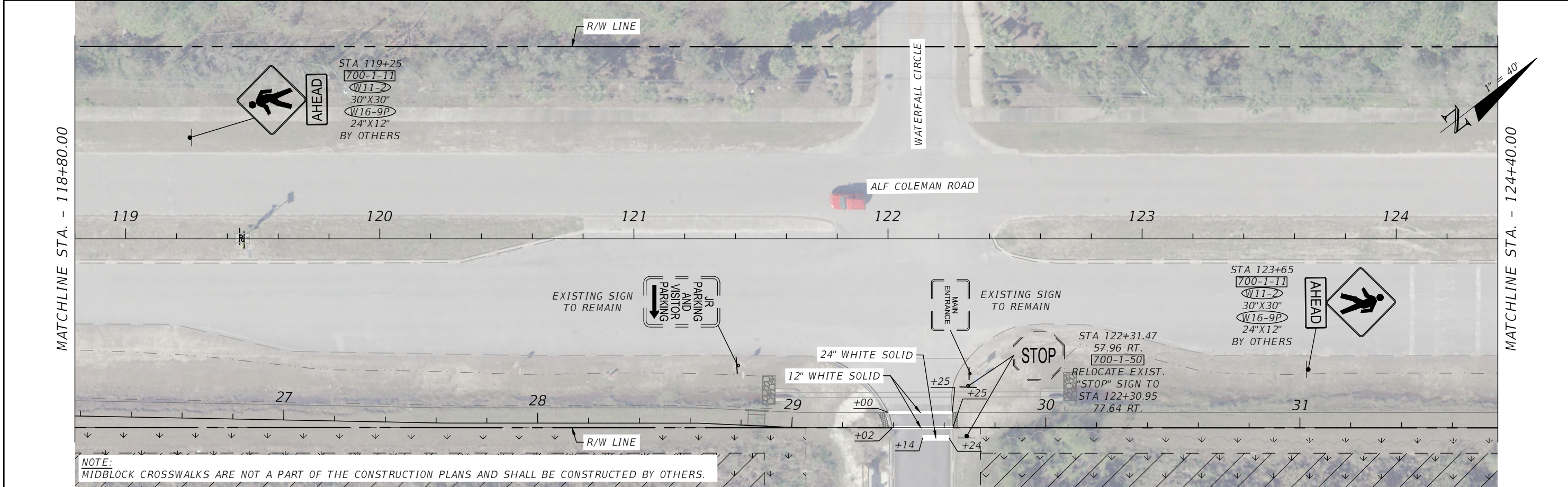
SHEET  
NO.  
  
S-2

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NOTE: MIDBLOCK CROSSWALKS ARE NOT A PART OF THE CONSTRUCTION PLANS AND SHALL BE CONSTRUCTED BY OTHERS.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

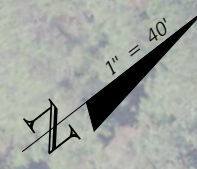
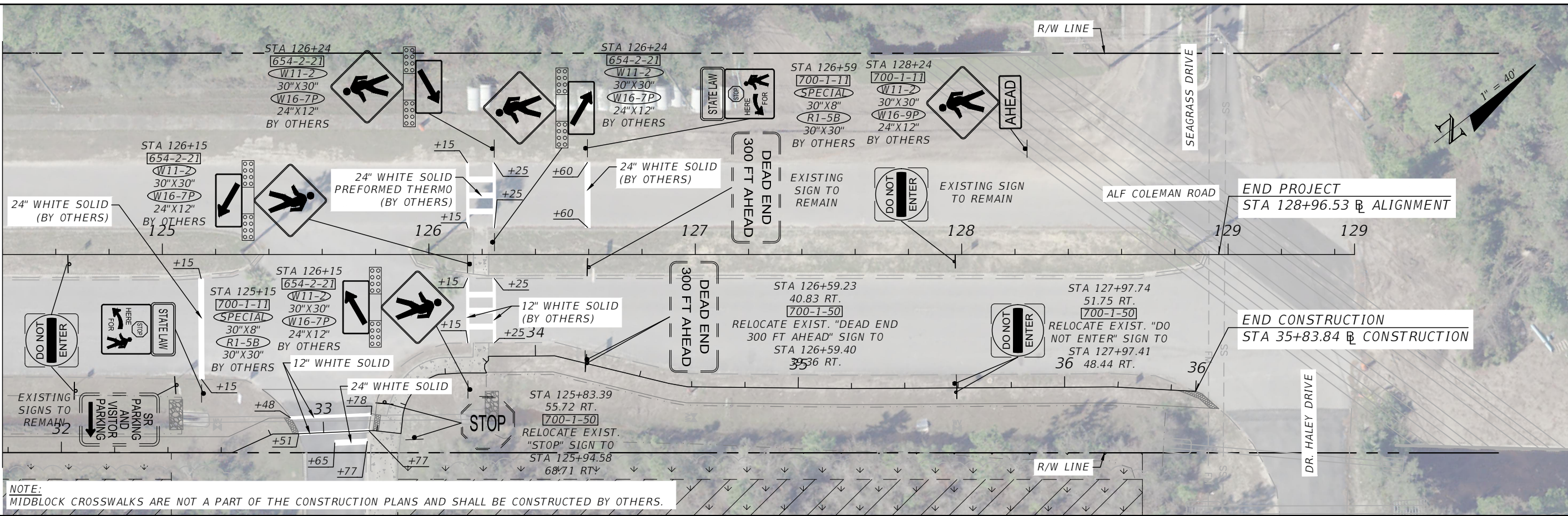
**SIGNING & PAVEMENT MARKING PLAN**

SHEET NO.  
**5-3**

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MATCHLINE STA. - 124+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			
DATE	DESCRIPTION	DATE	DESCRIPTION

BLAKE R. FURBEE, P.E.  
P.E. LICENSE NUMBER 88505  
GORTMOLLER ENGINEERING, INC.  
708 THOMAS DRIVE  
PANAMA CITY BEACH, FL 32408  
REGISTRY NO. 09505

**CITY OF PANAMA CITY BEACH**

PROJECT	COUNTY	PROJECT NO.
ALF COLEMAN SIDEWALKS	BAY	22-022

SIGNING & PAVEMENT  
MARKING PLAN

SHEET  
NO.  
  
S-4