

CONTRACT PLANS COMPONENTS

ROADWAY PLANS

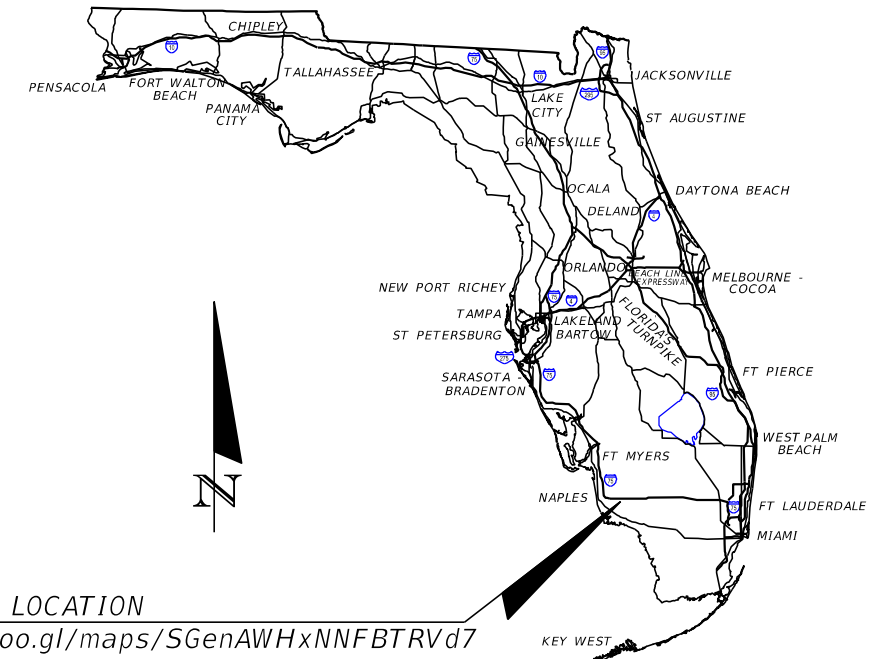
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**COLLIER COUNTY
GROWTH MANAGEMENT DEPARTMENT**

CONTRACT PLANS

**COLLIER COUNTY
CRA GATEWAY TRIANGLE
LINWOOD WAY & BAYSIDE ST. STORMWATER IMPROVEMENTS
COLLIER COUNTY PROJECT NO. 50203.1.1**



BEGIN PROJECT
BEGIN CONST.
☒ CONST. LINWOOD WAY
STA. 5+00.00

BEGIN PROJECT
BEGIN CONST.
☒ SURVEY BAYSIDE ST.
STA. 5+50.00

PROJECT LOCATION
<https://goo.gl/maps/SGenAWHxNNFBTRVd7>

T-49-S
T-50-S

TO
FT. LAUDERDALE

END PROJECT
END CONST.
☒ CONST. LINWOOD WAY
STA. 15+06.60

T-50-S
T-51-S

TO
MIAMI

END PROJECT
END CONST.
☒ SURVEY BAYSIDE ST.
STA. 15+52.00

TO
MARCO ISLAND

**PHASE 1 SUBMITTAL
MAY 2023**

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 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>

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>

**ROADWAY PLANS
ENGINEER OF RECORD:**

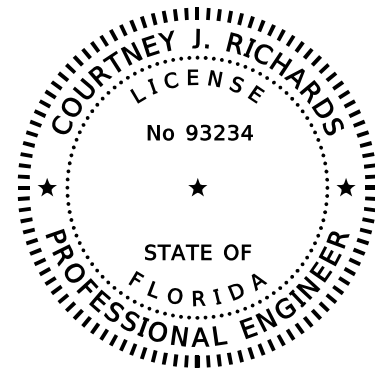
COURTNEY J. RICHARDS, P.E.
P.E. NO.: 93234
KISINGER CAMPO AND ASSOCIATES CORP.
13461 PARKER COMMONS BLVD., STE. 104
FORT MYERS, FLORIDA 33912
PHONE: (239) 278-5999
CONTRACT NO.: CCNA-18-7432-CE
VENDOR NO.: F59-1677145

**COLLIER COUNTY
PROJECT MANAGER:**

RICHARD ORTH SR., P.G.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	24	1

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



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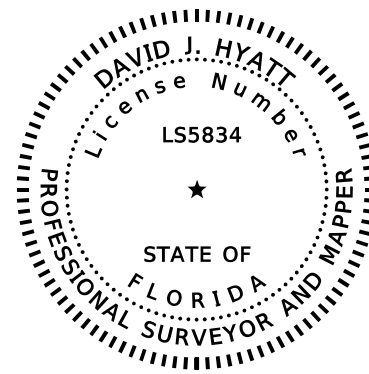
ON THE DATE ADJACENT TO THE SEAL

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KISINGER CAMPO & ASSOCIATES CORP.
13461 PARKER COMMONS BLVD., STE. 104
FORT MYERS, FL 33912
COURTNEY J. RICHARDS, P.E.
P.E. NO.: 93234

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
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JOHNSON ENGINEERING, INC.
2350 STANFORD COURT
NAPLES, FL 34112
DAVID J. HYATT, P.E.
P.S.M. NO.: 5834

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
12 - 13	PROJECT CONTROL

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO
& ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY
GROWTH MANAGEMENT DEPARTMENT

ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1


SIGNATURE SHEET

SHEET
NO.

2

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT PROJECT SUMMARY OF PAY ITEMS GATEWAY TRIANGLE			
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY,
ROADWAY ITEMS			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
107-1	LITTER REMOVAL AND DISPOSAL	AC	1
107-2	MOWING	AC	1
110-1-1	CLEARING & GRUBBING	AC	1
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	1
110-7-1	MAILBOX, F&I Single	EA	1
120-1	REGULAR EXCAVATION	CY	1
120-6	EMBANKMENT	CY	1
160-4	TYPE B STABILIZATION	SY	1
285-706	OPTIONAL BASE GROUP 6 (TYPE B-12.5 ONLY)	SY	1
337-7-81	ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22 (1 1/2")	TN	1
337-7-83	ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 (2 1/2")	TN	1
520-6	SHOULDER GUTTER - CONCRETE	LF	1
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1
570-1-2	PERFORMANCE TURF, SOD	SY	1

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT PROJECT SUMMARY OF PAY ITEMS GATEWAY TRIANGLE			
ITEM NO.	ITEM DESCRIPTION	UNIT	QTY,
DRAINAGE ITEMS			
104-10-3	SEDIMENT BARRIER	LF	1
104-12	STAKED TURBIDITY BARRIER - NYLON REINFORCED PVC	LF	1
425-1541	INLETS, DT BOT, TYPE D, <10'	EA	1
425-1701	INLETS, GUTTER, TYPE S, <10'	EA	1
425-241	MANHOLES, P-7, <10'	EA	1
430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" SD	LF	1
430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" SD	LF	1
430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE-ELLIPSE/ARCH, 18" SD	LF	1
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD	LF	1
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD	LF	1
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE-ELIP/ARCH, 24" S/CD	LF	1
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1
430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1
430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	1
430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	1
430-984-625	MITERED END SECT., OPTIONAL-ELLIPTICAL/ARCH, 18" SD	EA	1

REVISIONS				 KCA KISINGER CAMPO & ASSOCIATES 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			SUMMARY OF PAY ITEMS	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID		
				BAYSIDE ST.	COLLIER	50203.3.1.1			

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103	104	105	108	107	110	111	113	114	115	117	119	121	122	123
CATCH BASIN 12"X15" RCP GRATE 3.53 FL 1.78 W FL 2.51 S FL 2.51 N	CATCH BASIN GRATE 4.19 FL 2.46 W (9" PVC) FL 1.92 S (15" HDPE) FL 2.19 N (15" HDPE)	CATCH BASIN 9" PVC GRATE 5.54 SLOT 2.74 W FL 3.62 E BLEEDER 3.76 N	MES 8" PVC FL 4.39 S FL 4.34 N	MES 15" HDPE FL 2.79 N	MES 15" HDPE FL 3.05 S FL 2.94 N	MES 8" PVC FL 4.23 S FL ??? N	MES 18" RCP FL 3.00 S	CATCH BASIN GRATE 5.00 FL 2.97 S (18" RCP) FL 2.90 N (12"X18" ERCP)	MES 12"X18" RCP FL 2.92 N	MES 18" RCP FL 2.97 S FL 3.04 N	MES 18" RCP FL 3.15 S FL 3.14 N	MES 12"X18" RCP FL 3.71 S	CATCH BASIN 12"X18" ERCP GRATE 5.72 FL 3.45 S FL 3.68 N	CATCH BASIN 12"X18" ERCP GRATE 5.62 FL 3.85 S SLOT 4.48 N



BEGIN PROJECT
BEGIN CONST.
@ SURVEY BAYSIDE ST.
STA. 5+50.00

BEGIN @ BAYSIDE ST.
STA. 5+00.00

END PROJECT
END CONST.
@ SURVEY BAYSIDE ST.
STA. 15+52.00

END @ SURVEY BAYSIDE ST.
STA. 15+85.11

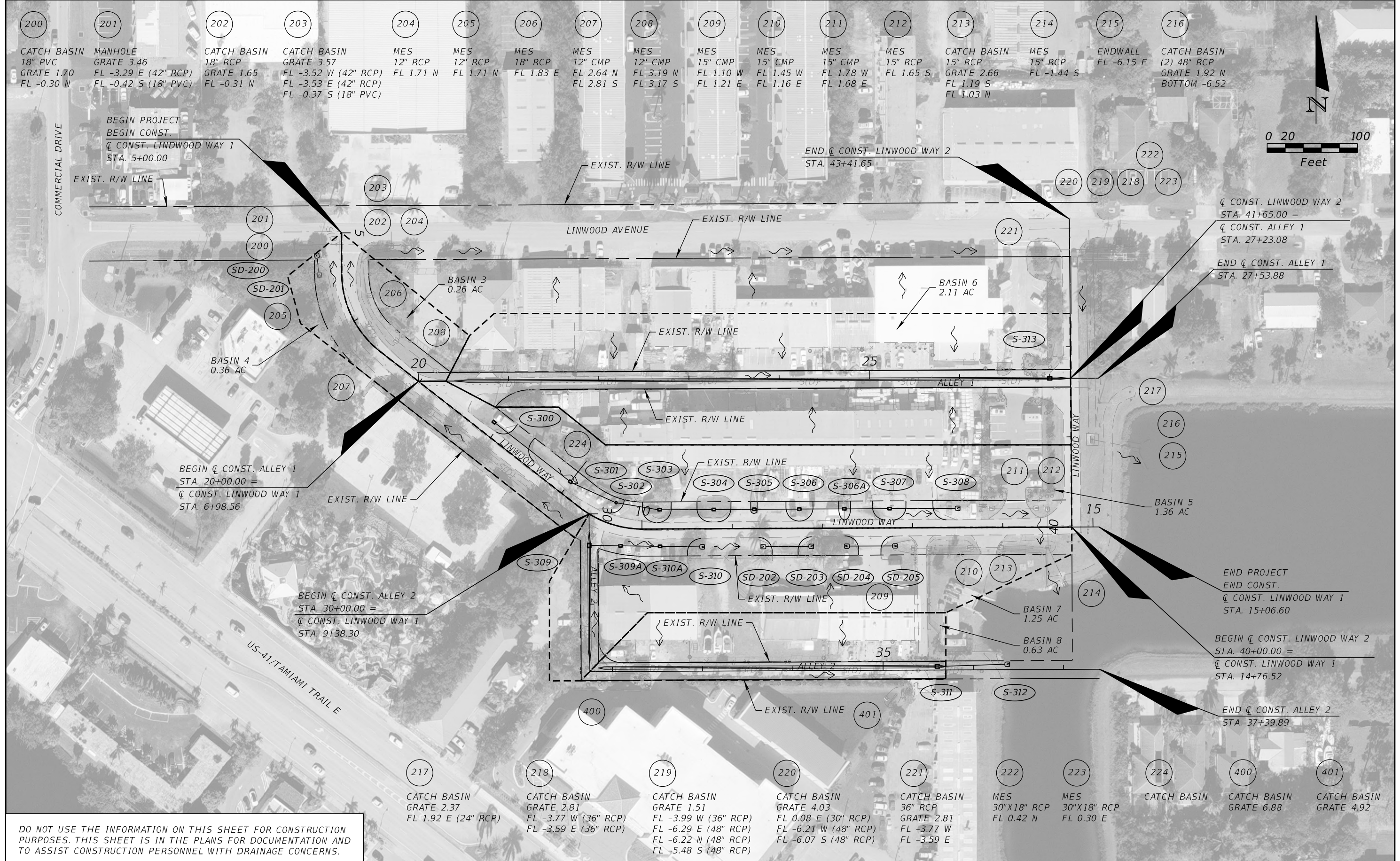


100	101	102	106	109	112	116	118	120
CATCH BASIN 24" RCP GRATE 3.52 SLOT 2.96 N FL -0.31 S	MES 18" RCP FL 2.47 S FL 2.44 N	CATCH BASIN 12"X15" RCP GRATE 3.53 FL 1.78 W FL 2.51 S FL 2.51 N	MES 18" RCP FL 2.97 S FL 2.97 N	MES 18" RCP FL 2.97 S FL 2.97 N	MES 18" RCP FL 2.85 S FL 3.09 N	MES 18" RCP FL 3.26 S FL 3.27 N	MES 18" RCP FL 4.03 S FL 3.98 N	MES 18" RCP FL 3.97 S FL 4.00 N

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

REVISIONS					COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			<p style="text-align: center;">DRAINAGE MAP (1)</p>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID		
				<p>13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234</p>	BAYSIDE ST.	COLLIER	50203.3.1.1	4	

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200	CATCH BASIN 18" PVC GRATE 1.70 FL -0.30 N	201	MANHOLE GRATE 3.46 FL -3.29 E (42" RCP) FL -0.42 S (18" PVC)	202	CATCH BASIN 18" RCP GRATE 1.65 FL -0.31 N	203	CATCH BASIN GRATE 3.57 FL -3.52 W (42" RCP) FL -3.53 E (42" RCP) FL -0.37 S (18" PVC)	204	MES 12" RCP FL 1.71 N	205	MES 12" RCP FL 1.71 N	206	MES 18" RCP FL 1.83 E	207	MES 12" CMP FL 2.64 N FL 2.81 S	208	MES 12" CMP FL 3.19 N FL 3.17 S	209	MES 15" CMP FL 1.10 W FL 1.21 E	210	MES 15" CMP FL 1.45 W FL 1.16 E	211	MES 15" CMP FL 1.78 W FL 1.68 E	212	MES 15" RCP FL 1.65 S	213	CATCH BASIN 15" RCP GRATE 2.66 FL 1.19 S FL 1.03 N	214	MES 15" RCP FL -1.44 S	215	ENDWALL FL -6.15 E	216	CATCH BASIN (2) 48" RCP GRATE 1.92 N BOTTOM -6.52
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BEGIN PROJECT
BEGIN CONST.
Q CONST. LINWOOD WAY 1
STA. 5+00.00

EXIST. R/W LINE

END Q CONST. LINWOOD WAY 2
STA. 43+41.65



Q CONST. LINWOOD WAY 2
STA. 41+65.00 =
Q CONST. ALLEY 1
STA. 27+23.08

END Q CONST. ALLEY 1
STA. 27+53.88

BEGIN Q CONST. ALLEY 1
STA. 20+00.00 =
Q CONST. LINWOOD WAY 1
STA. 6+98.56

BEGIN Q CONST. ALLEY 2
STA. 30+00.00 =
Q CONST. LINWOOD WAY 1
STA. 9+38.30

END PROJECT
END CONST.
Q CONST. LINWOOD WAY 1
STA. 15+06.60

BEGIN Q CONST. LINWOOD WAY 2
STA. 40+00.00 =
Q CONST. LINWOOD WAY 1
STA. 14+76.52

END Q CONST. ALLEY 2
STA. 37+39.89

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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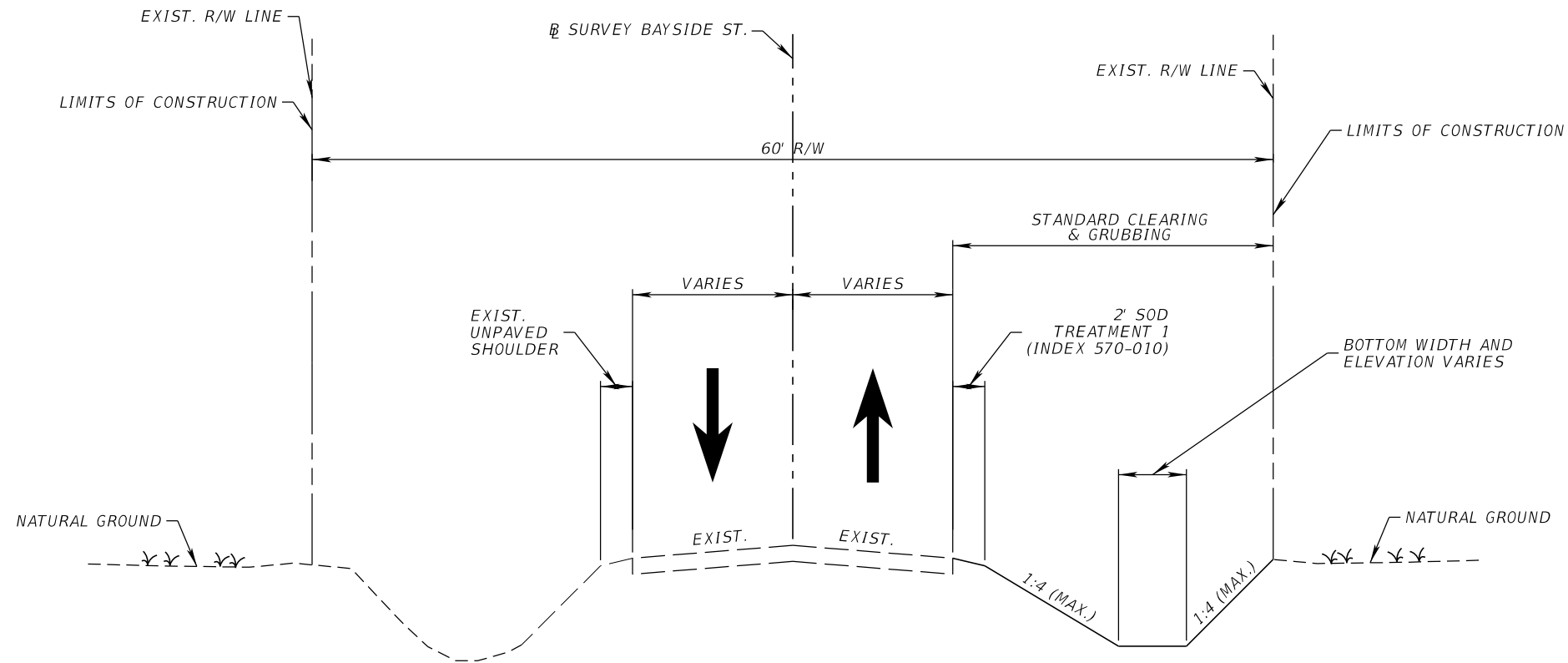
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRAINAGE MAP (2)

SHEET NO.
5

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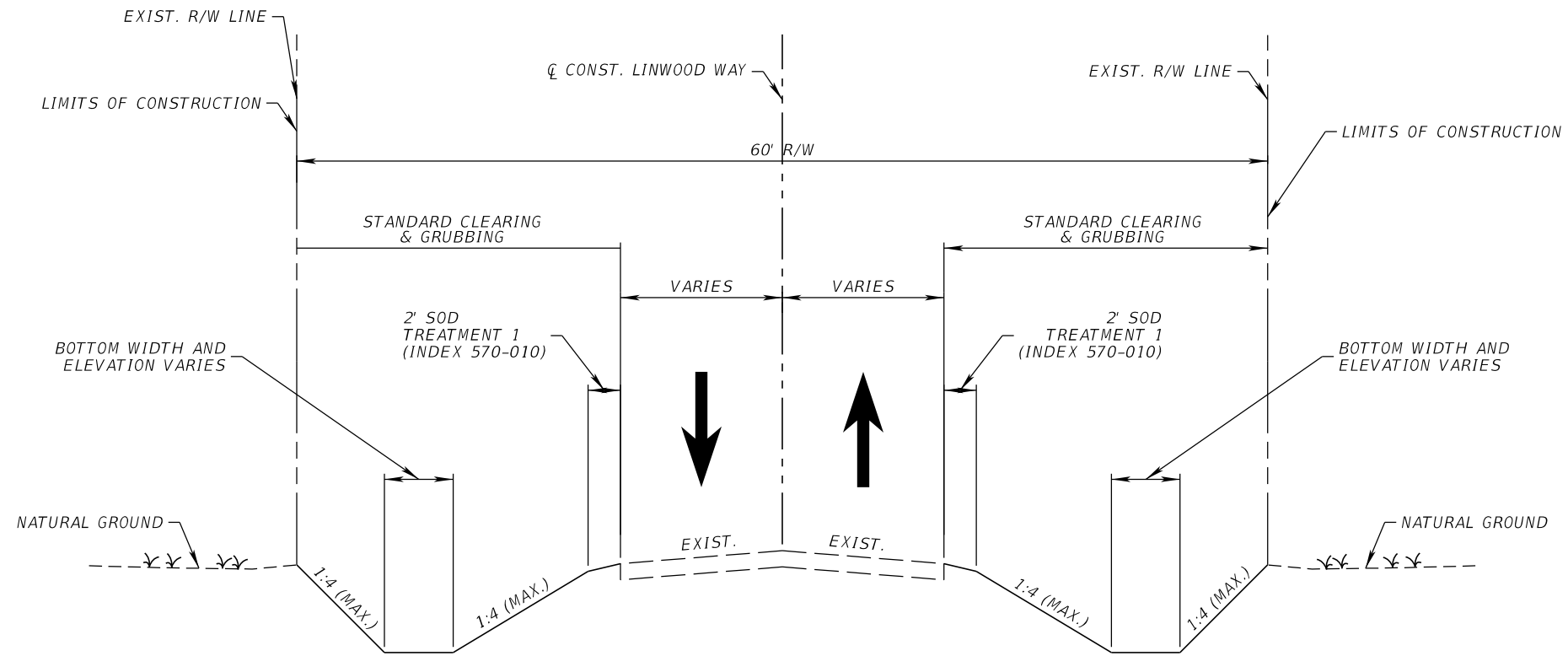
N.T.S.
BAYSIDE ST.
TYPICAL SECTION
 STA. 11+49.80 TO STA. 15+52.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 KISINGER CAMPO
 & ASSOCIATES
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 Engineer of Record: Courtney J. Richards
 P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

TYPICAL SECTION (1)	SHEET NO. 6
----------------------------	-----------------------



N.T.S.
LINWOOD WAY
TYPICAL SECTION
 STA. 5+00.00 TO STA. 15+06.60

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

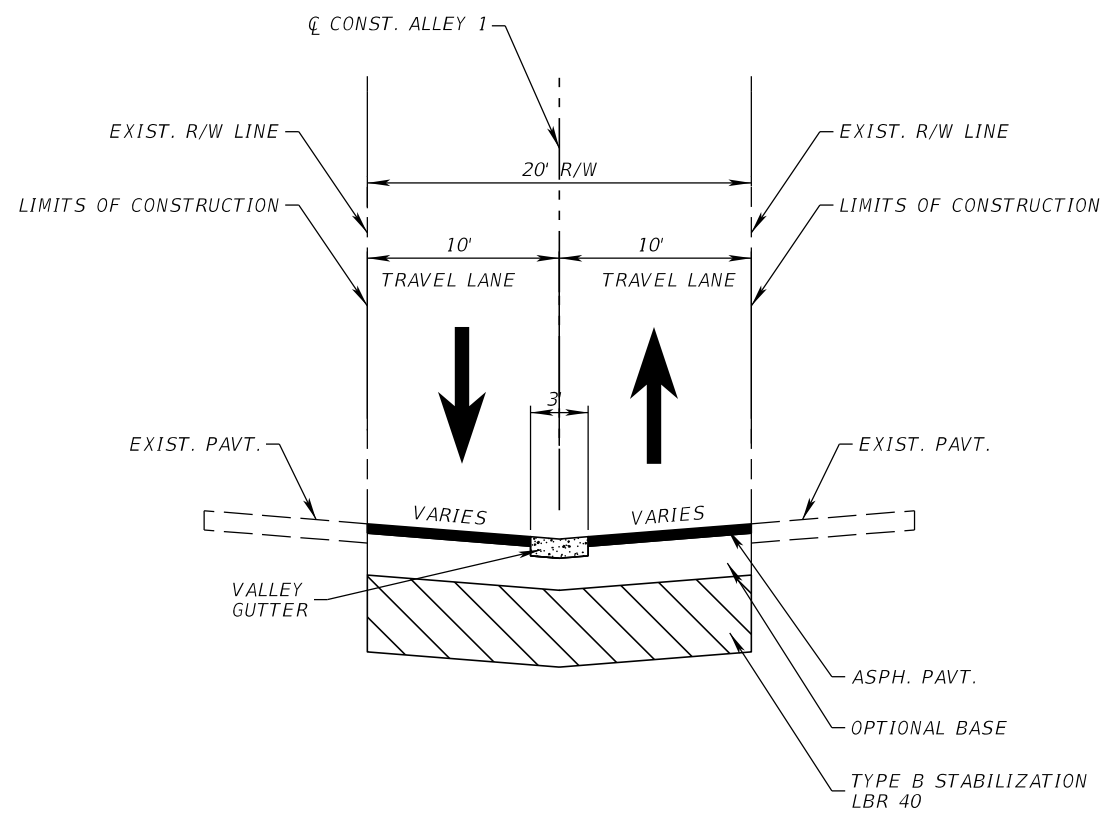
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 Fort Myers, Florida 33912
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COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

TYPICAL SECTION (2)

SHEET NO.
7

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N.T.S.
ALLEY 1
TYPICAL SECTION
 STA. 20+40.00 TO STA. 27+23.08

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

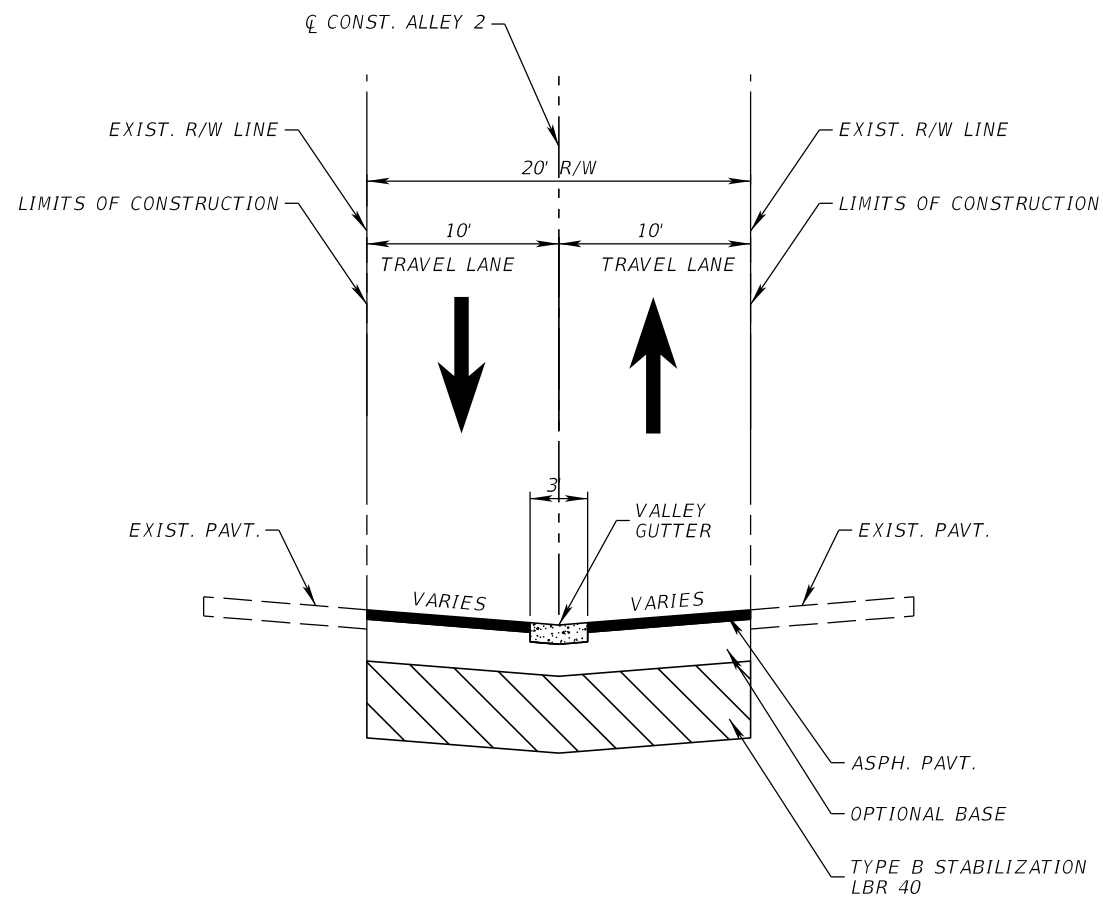
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 KISINGER CAMPO & ASSOCIATES P.E. No.: 93234
 13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 Engineer of Record: Courtney J. Richards

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

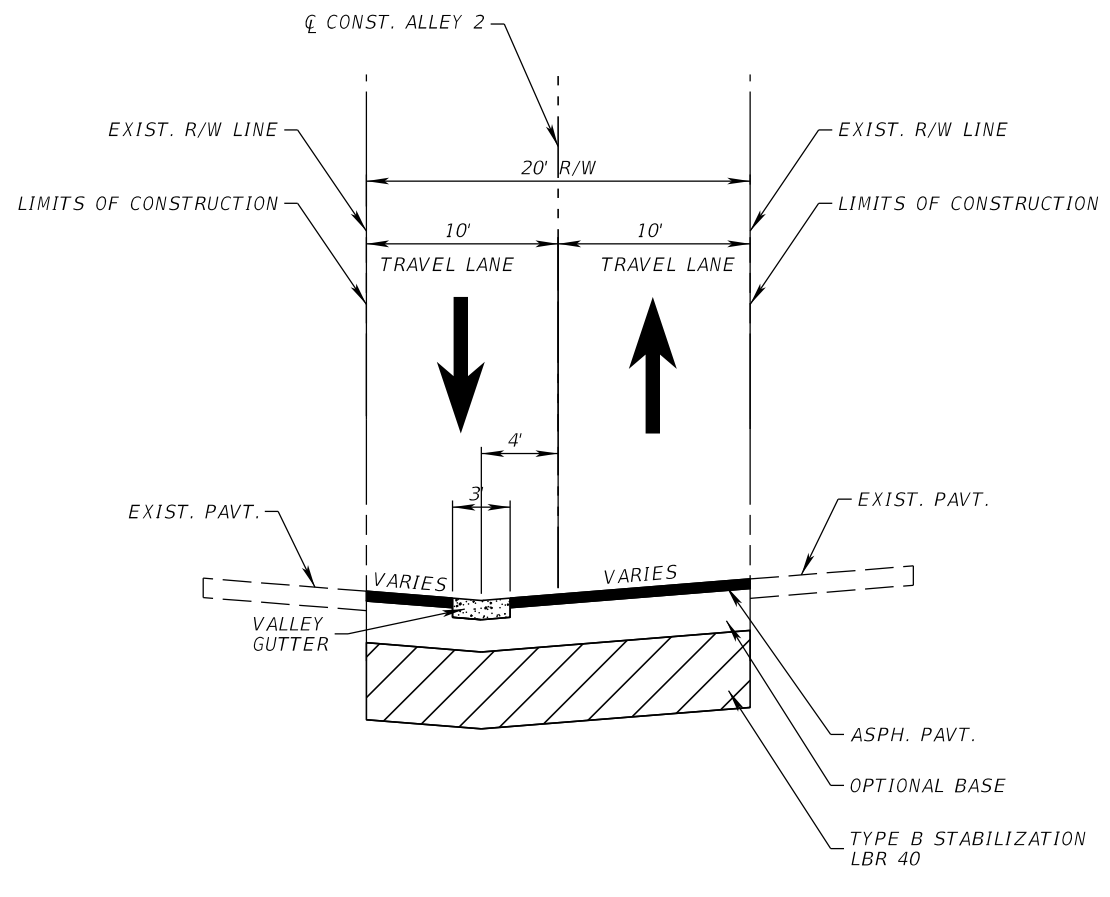
TYPICAL SECTION (3)

SHEET NO.

8



N.T.S.
 ALLEY 2
 TYPICAL SECTION
 STA. 30+20.00 TO STA. 31+60.00



N.T.S.
 ALLEY 2
 TYPICAL SECTION
 STA. 31+85.00 TO STA. 35+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
 KISINGER CAMPO & ASSOCIATES P.E. No.: 93234

13461 Parker Commons Blvd, Suite 104
 Fort Myers, Florida 33912
 Engineer of Record: Courtney J. Richards

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

TYPICAL SECTION (4)

SHEET NO.
9

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

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN AND CROSSDRAIN OPTIONAL TYPE					DITCH BOTTOM INLET	GUTTER INLET	MANHOLE		MITERED END SECTION		REMARKS		
						ROUND			ELLIPTICAL				D	V	P-7	P-8		ROUND	
						12"	18"	24"	12"X18"	14"X23"			<10'	<10'	<10'	<10'		18"	24"
P	SD-100	12+12.45	RT	MES, PIPE	1														
F																			
P	SD-101	12+42.45	RT	MES, PIPE	1														
F																			
P	SD-102	13+13.58	RT	MES, PIPE	1														
F																			
P	SD-103	13+45.52	RT	MES, PIPE	1														
F																			
P	SD-104	13+82.06	RT	MES, PIPE	1														
F																			
P	SD-105	14+15.99	RT	MES, PIPE	1														
F																			
P	SD-106	14+83.87	RT	MES, PIPE	1														
F																			
P	SD-107	15+17.81	RT	MES, PIPE	1														
F																			
P	SD-200	5+25.70	RT	MES, PIPE	1														
F																			
P	SD-201	5+45.76	RT	MES, PIPE	1														
F																			
P	S-300	7+92.68	LT	INLET, PIPE	1														
F																			
P	S-301	9+00.00	LT	INLET, PIPE															
F																			
P	S-302	9+62.64	LT	MANHOLE, PIPE	1														
F																			
P	S-309A	9+80.00	RT	INLET, PIPE	1														
F																			
P	S-303	10+19.68	LT	INLET, PIPE	1														
F																			
P	S-310A	10+20.00	RT	INLET, PIPE	1														
F																			
P	S-310	10+66.29	RT	MES, PIPE	1														
F																			
P	S-304	10+79.68	LT	INLET, PIPE	1														
F																			
P	S-305	11+24.68	LT	INLET, PIPE	1														
F																			
P	SD-202	11+34.83	RT	MES, PIPE	1														
F																			
P	S-306	11+74.56	LT	INLET, PIPE	1														
F																			
P	SD-203	11+87.20	RT	MES, PIPE	1														
F																			
P	S-306A	12+24.56	LT	INLET, PIPE	1														
F																			
P	SD-204	12+27.63	RT	MES, PIPE	1														
F																			
P	S-307	12+74.68	LT	INLET, PIPE	1														
F																			
P	SD-205	12+80.00	RT	MES, PIPE	1														
F																			
P	S-308	13+50.00	LT	INLET, PIPE	1														
F																			
P	S-309	30+35.00	LT	INLET, PIPE	1														
F																			
P	S-311	35+60.22	LT	INLET, PIPE	1														
F																			
P	S-312	36+37.30	LT	MES, PIPE	1														
F																			
P	S-313	27+00.00	LT	INLET, PIPE	1														
F																			
SUMMARY					PLAN QUANTITY	P													
					FINAL QUANTITY	F													

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO
& ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

SUMMARY OF DRAINAGE	
10	

SHEET NO.
10

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

GENERAL NOTES AND ROADWAY DETAILS

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

DAVID J. HYATT, P.S.M.
P.S.M. No. 5834
JOHNSON ENGINEERING, INC.
2350 STANFORD COURT
NAPLES, FL 34112
CERTIFICATE OF AUTHORIZATION No. EB642
3. ALL DRAINAGE STRUCTURES AND PIPES WITHIN CONSTRUCTION LIMITS TO REMAIN UNLESS OTHERWISE NOTED.
5. PRIOR TO CONSTRUCTION, CONTRACTOR TO COORDINATE WITH UTILITY OWNER/AGENCIES ON ANY EXISTING UTILITY LOCATION AND UTILITY RELOCATION.
6. CONTRACTOR TO DESILT ALL EXISTING CULVERTS ALONG BAYSIDE ST. AND LINWOOD WAY WITHIN PROJECT LIMITS.

SINGLE FAMILY & DUPLEX DRIVEWAY

NOTES

1. TURNOUT (DIMENSIONS X-1&X-2) SHALL BE REQUIRED WHEN USING CONCRETE UNLESS OTHERWISE APPROVED
2. WHERE GUTTER IS USED THE DIMENSIONS SHOWN SHALL BE AS PROJECTED FROM EDGE OF PAVEMENT
3. FLORIDA D.O.T. PRIMARY AND SECONDARY AND COUNTY ARTERIAL STREETS REQUIRE MINIMUM DIMENSIONS OF 12 FOOT DRIVE WIDTH WITH A MINIMUM RADIUS OF 15 FOOT. (REGARDLESS OF DRIVE WIDTH—A 15 FOOT RADIUS WILL BE REQUIRED)

DRIVEWAY WIDTH	MINIMUM DRIVEWAY DIMENSION COMBINATION		TURNOUT		
	RADIUS	FILLET TOTAL WIDTH	X-1	X-2	TOTAL WIDTH
10'	10'	30'	10'	8'	30'
12'	9'	30'	9'	7'	30'
13'	8.5'	30'	8.5'	6.5'	30'
14'	8'	30'	8'	6'	30'
15'	7.5'	30'	7.5'	5.5'	30'
16'	7'	30'	7'	5'	30'
17'	6.5'	30'	6.5'	4.5'	30'
18'	6'	30'	6'	4'	30'
19'	5.5'	30'	5.5'	4'	30'
20'	5'	30'	5'	4'	30'
21'	4.5'	30'	4.5'	3'	30'
22'	4'	30'	4'	3'	30'
24'	3'	30'	3'	3'	30'

NOTES

THESE DIMENSION ARE NOT APPLICABLE TO DRIVEWAYS CONSTRUCTED AROUND CUL-DE-SACS AND SHARP RADIUS. CONTACT THE ENGINEERING DEPARTMENT FOR DETAILS CONCERNING VARIANCES.

plotdate 04/10/03

COLLIER COUNTY TRANSPORTATION OPERATIONS DEPARTMENT	REVISION APPROVED	TITLE: RESIDENTIAL DRIVEWAYS AND VARIOUS JOINTS	SHEET 1 of 31
---	----------------------	---	------------------

plotdate 04/10/03

SUBDIVISION _____
BLOCK _____
LOT _____
ADDRESS _____
OWNER _____

TYPICAL SECTION - ALLEY

TYPICAL ALLEY DETAIL

Asphaltic Conc. Type S-1 or Type II

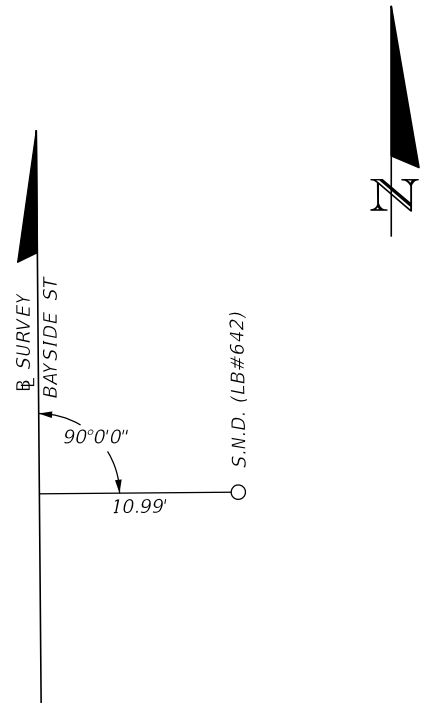
plotdate 04/10/03

COLLIER COUNTY TRANSPORTATION OPERATIONS DEPARTMENT	REVISION APPROVED	TITLE: RESIDENTIAL DRIVEWAYS AND VARIOUS JOINTS	SHEET 1 of 31
---	----------------------	---	------------------

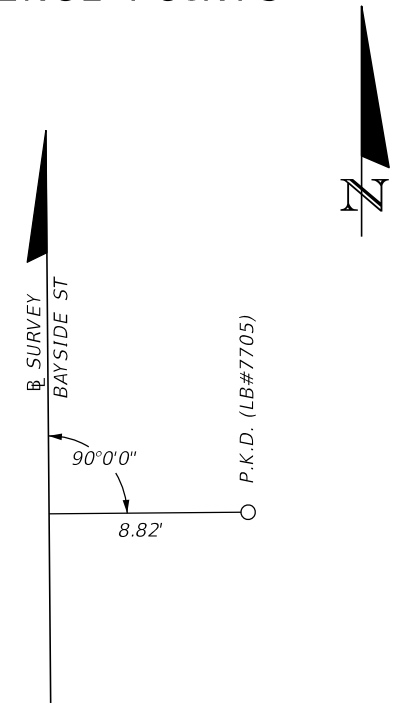
REVISIONS				13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID		11
					BAYSIDE ST.	COLLIER	50203.3.1.1		

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

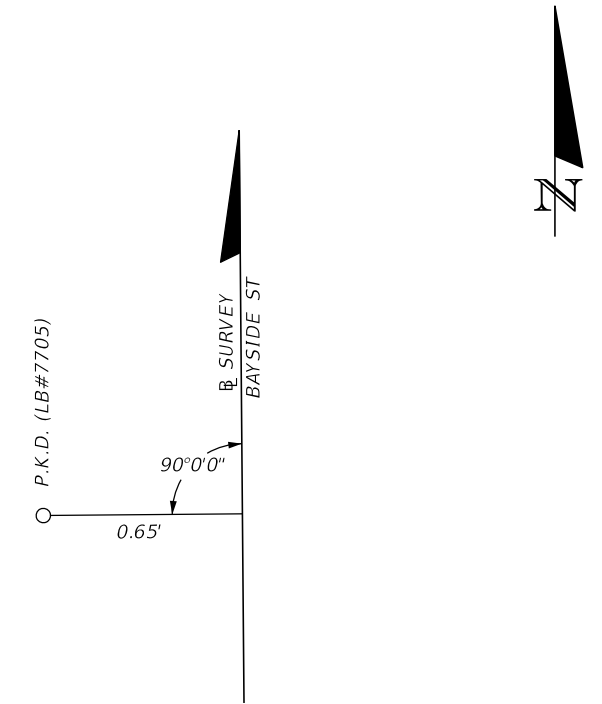
REFERENCE POINTS



STA 5+67.74



STA 10+41.04



STA 15+63.43

BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION (Z)	STATION (B Survey BAYSIDE ST)	OFFSET (B Survey BAYSIDE ST)
1003	SET NAIL AND DISK "LB#642"	653468.633	403681.001	4.66 (NAVD88)	5+67.74	10.99' RT.
2015	FOUND PK NAIL AND DISK "MSM BM 863" LB#7705	653941.932	403677.612	5.75 (NAVD88)	10+41.04	8.82' RT.
1005	FOUND PK NAIL AND DISK "MSM BM 862" LB#7705	654464.29	403666.806	5.66 (NAVD88)	15+63.43	0.65' LT.

LEGEND

S.N.D. = SET NAIL AND DISC
 P.K.D. = FOUND PK NAIL AND DISC

PROJECT CONTROL NOTES

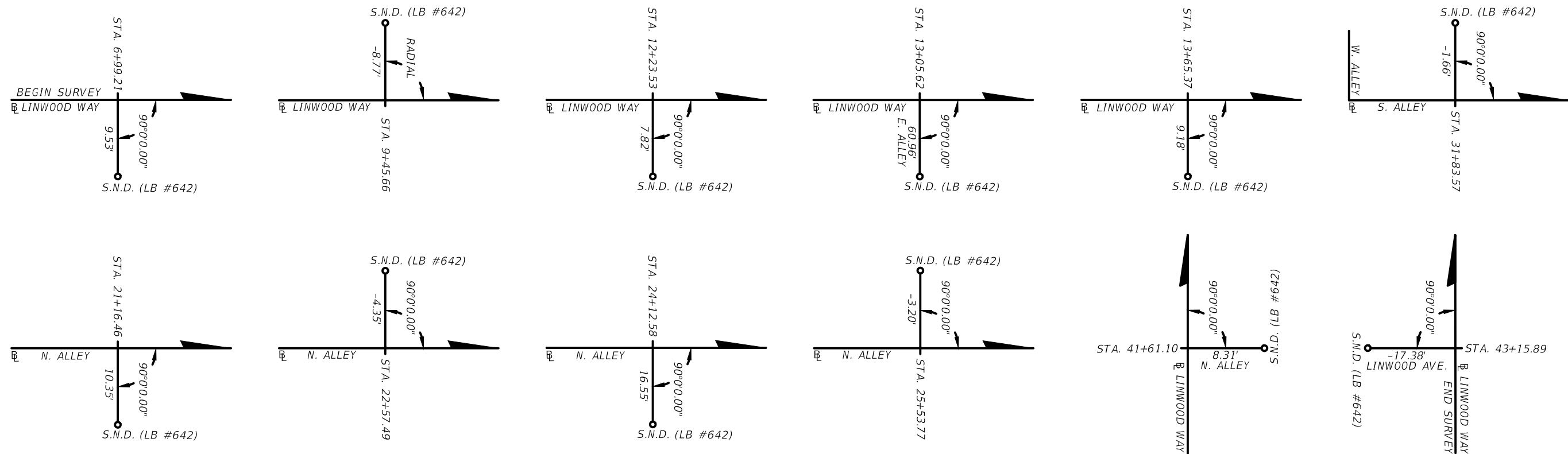
- PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, OF THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT (NAD83/2011).
- ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).

REVISIONS				 DAVID J. HYATT, P.S.M. 5834 JOHNSON ENGINEERING, INC. 2350 STANFORD COURT • NAPLES, FL 34112 CERTIFICATE OF AUTHORIZATION NO. 642	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID	
					BAYSIDE ST	COLLIER		

PROJECT CONTROL

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

REFERENCE POINTS (NOT TO SCALE)

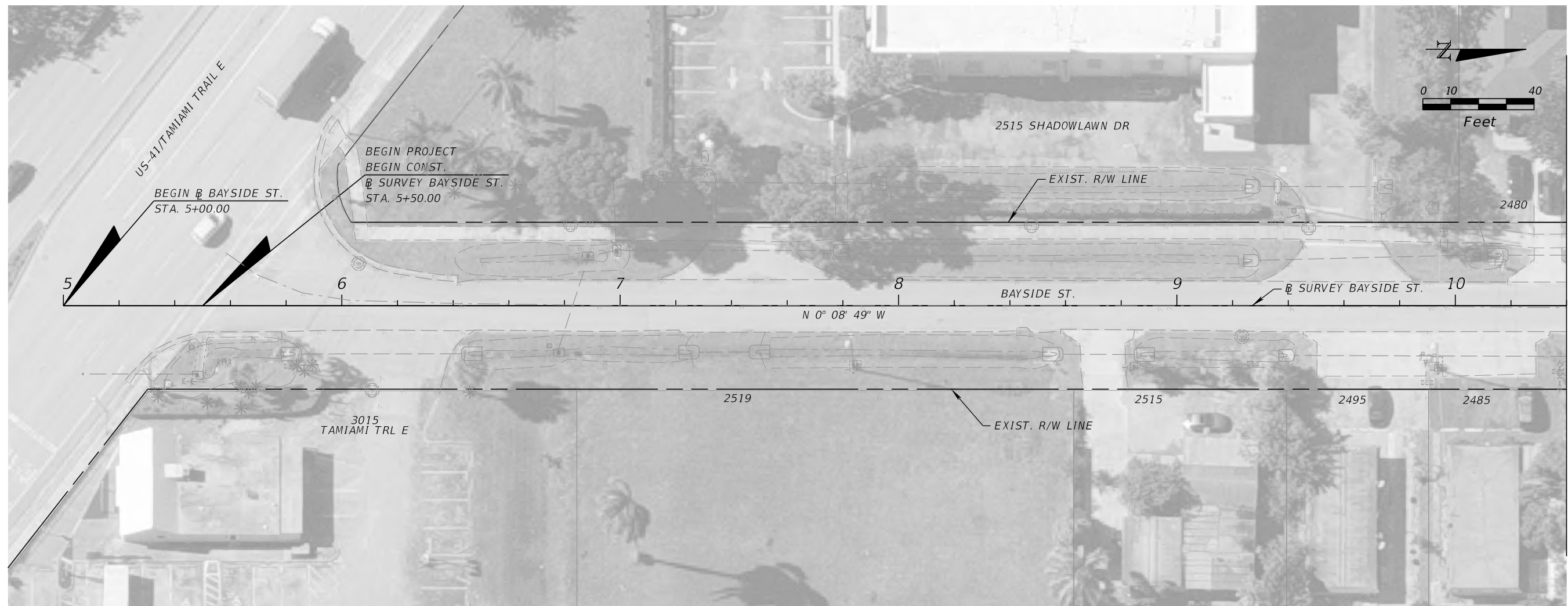


HORIZONTAL AND VERTICAL CONTROL						
Point #	Survey Station	Offset	(Z) Elevation	Description	(Y) NORTHING	(X) EASTING
3007	6+99.21	9.53'	3.90'	SET NAIL AND DISK "LB #642"	655739.639	401231.521
3008	9+45.66	-8.77	3.95'	SET NAIL AND DISK "LB #642"	655604.607	401436.657
3222	12+23.53	7.82'	3.69'	SET NAIL AND DISK "LB #642"	655576.925	401708.334
3513	13+05.62	60.96'	3.95'	SET NAIL AND DISK "LB #642"	655524.164	401790.667
10773	13+65.37	9.18'	3.65'	SET NAIL AND DISK "LB #642"	655576.219	401850.182
3009	31+83.57	-1.66	5.25'	SET NAIL AND DISK "LB #642"	655427.296	401435.653
10729	21+16.46	10.35'	3.74'	SET NAIL AND DISK "LB #642"	655737.741	401353.378
10561	22+57.49	-4.35	3.56'	SET NAIL AND DISK "LB #642"	655753.102	401494.335
10292	24+12.58	16.55	3.70'	SET NAIL AND DISK "LB #642"	655732.923	401649.522
10277	25+53.77	-3.20	3.42'	SET NAIL AND DISK "LB #642"	655758.604	401789.270
3012	41+61.10	8.31'	2.22'	SET NAIL AND DISK "LB #642"	655747.080	401968.279
3013	43+15.89	-17.38	3.25'	SET NAIL AND DISK "LB #642"	655901.661	401941.332

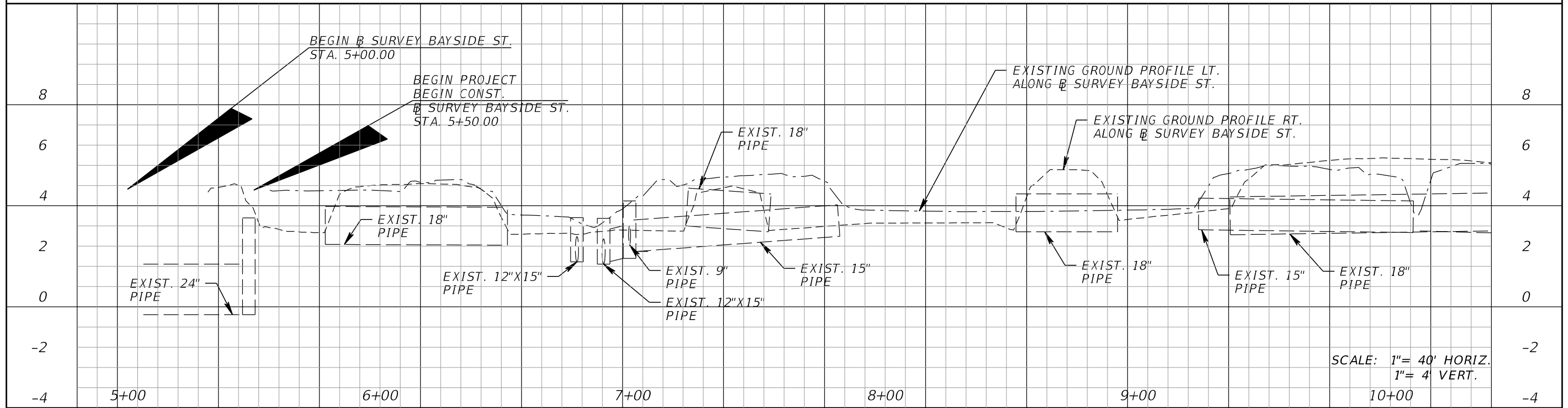
PROJECT CONTROL NOTES:

1. PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983 / 2011 HORIZONTAL DATUM.
2. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)

REVISIONS				<small>DAVID J. HYATT, P.S.M. NO. 5834 JOHNSON ENGINEERING, INC. 2350 STANFORD COURT NAPLES, FL 34112 CERTIFICATE OF AUTHORIZATION NO. 642</small>	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID		13



STA. 10+40.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

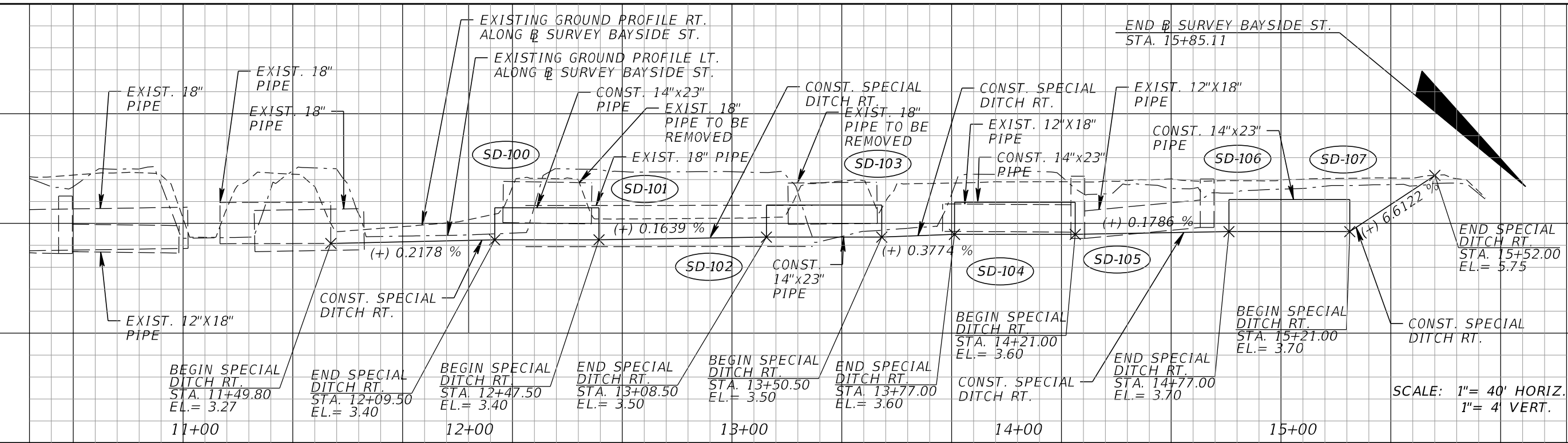
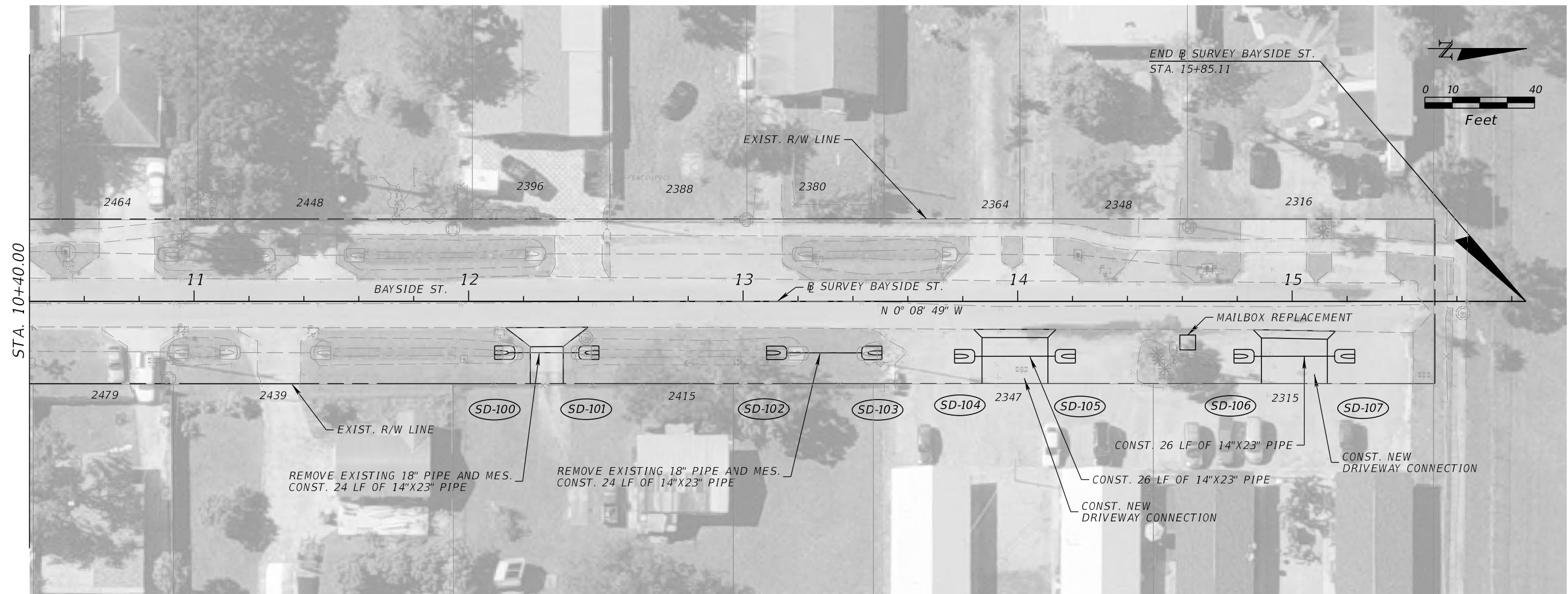
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (1)

SHEET NO.
14

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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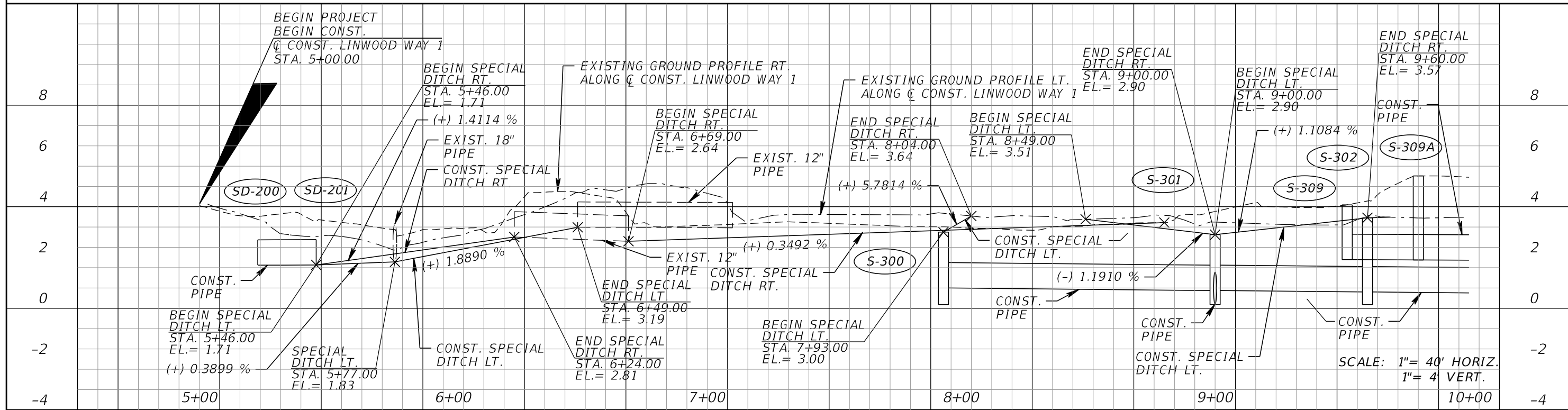
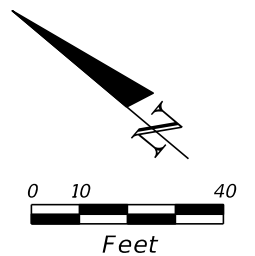
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (2)

SHEET NO. 15

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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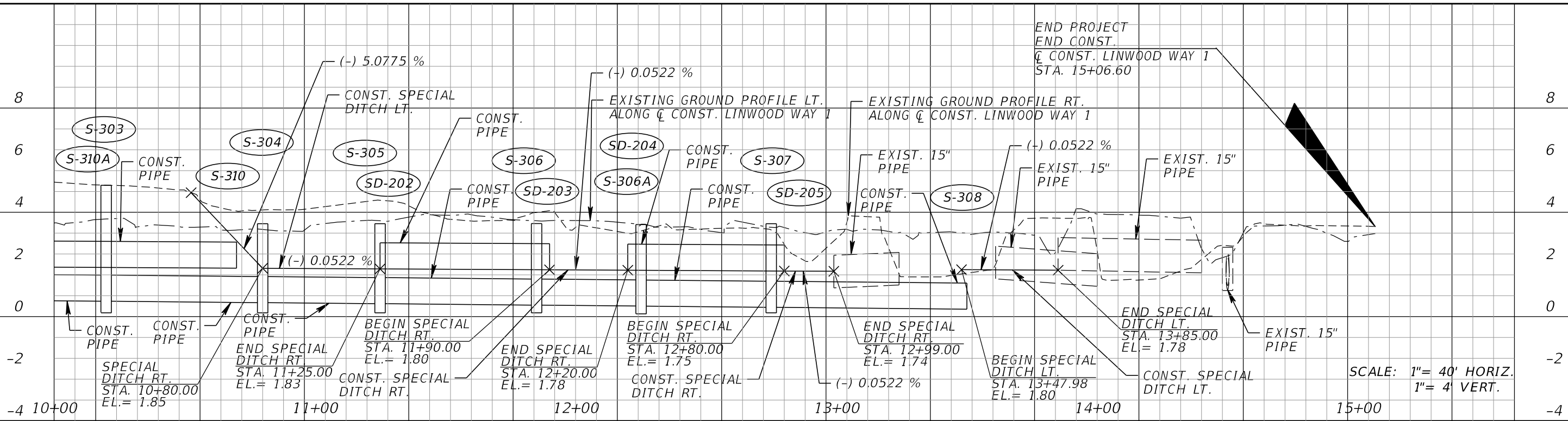
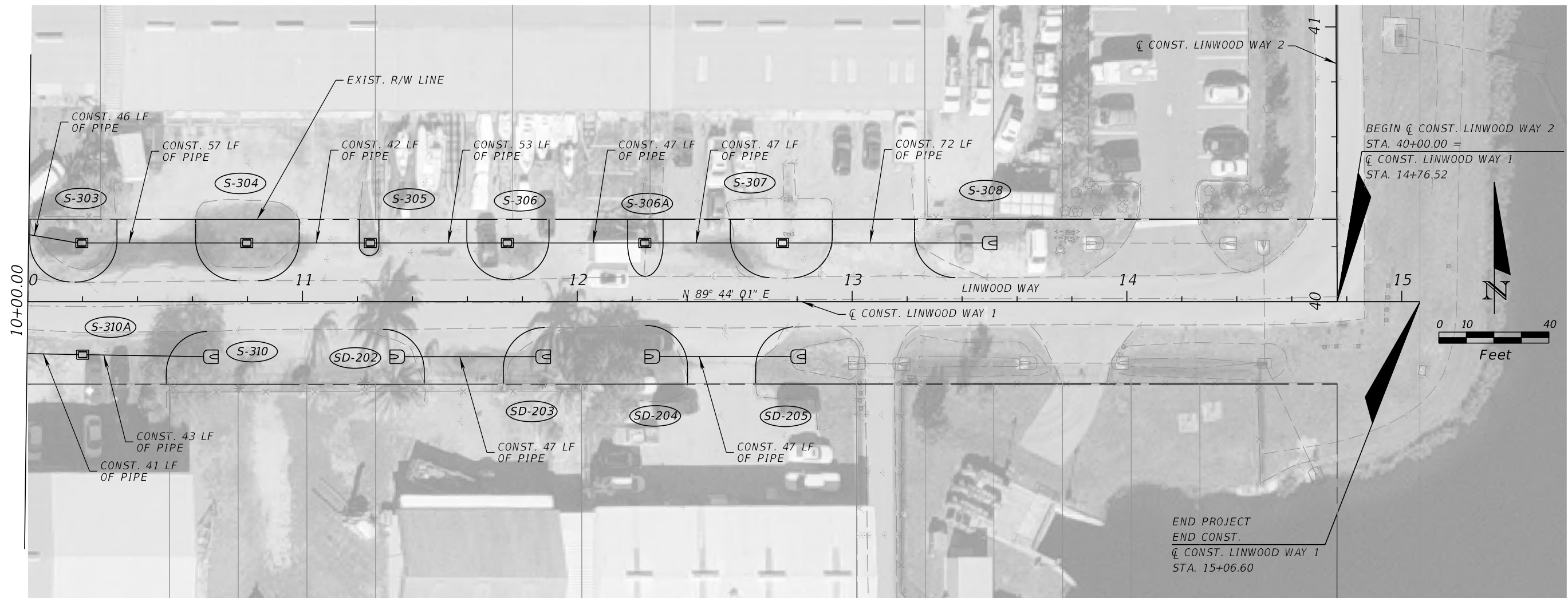
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (3)

SHEET NO.
16

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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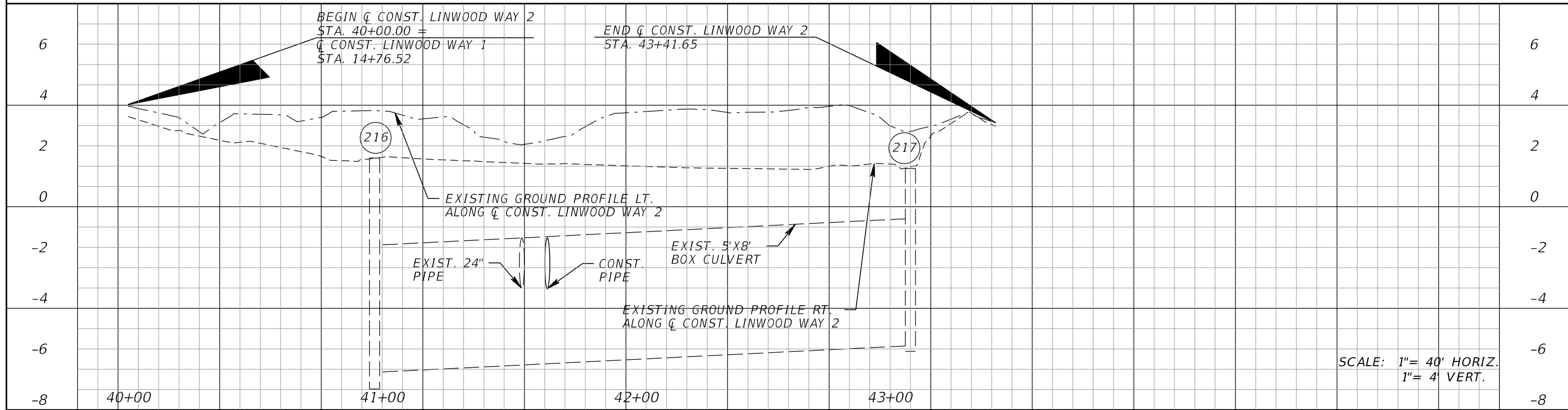
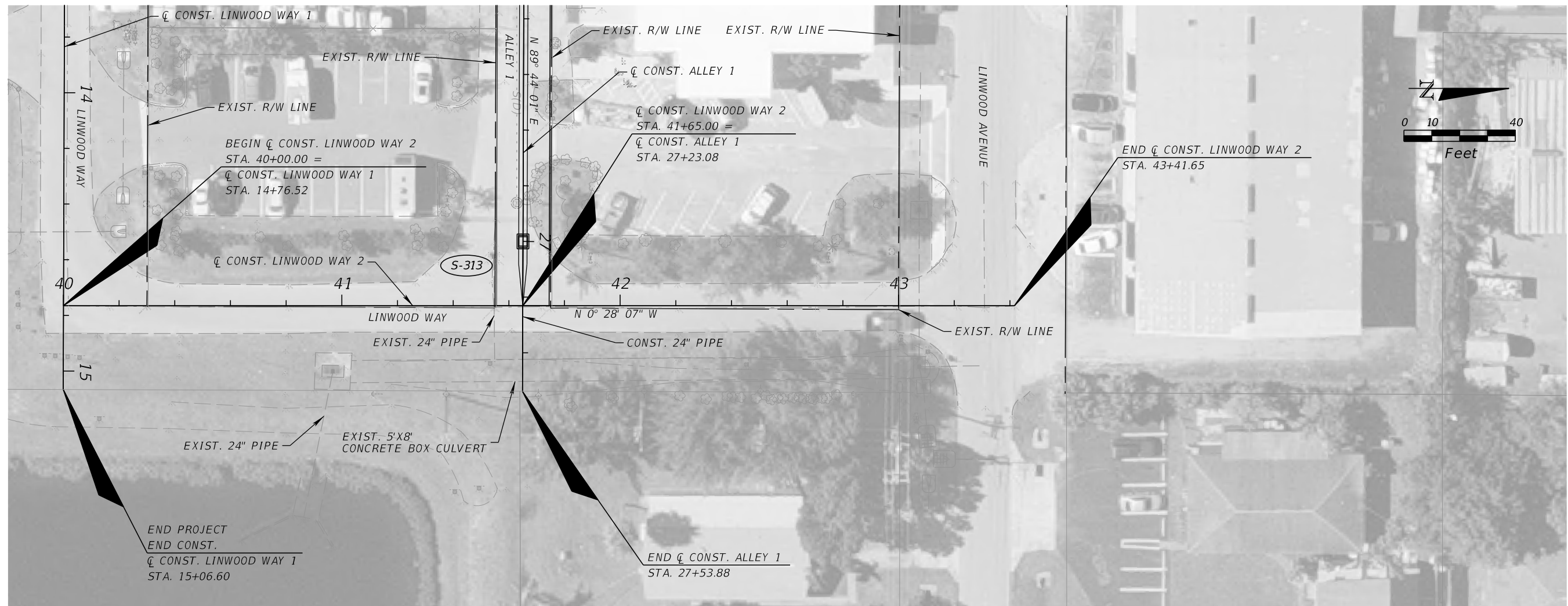
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (4)

SHEET NO.	17
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SCALE: 1"= 40' HORIZ.
1"= 4' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

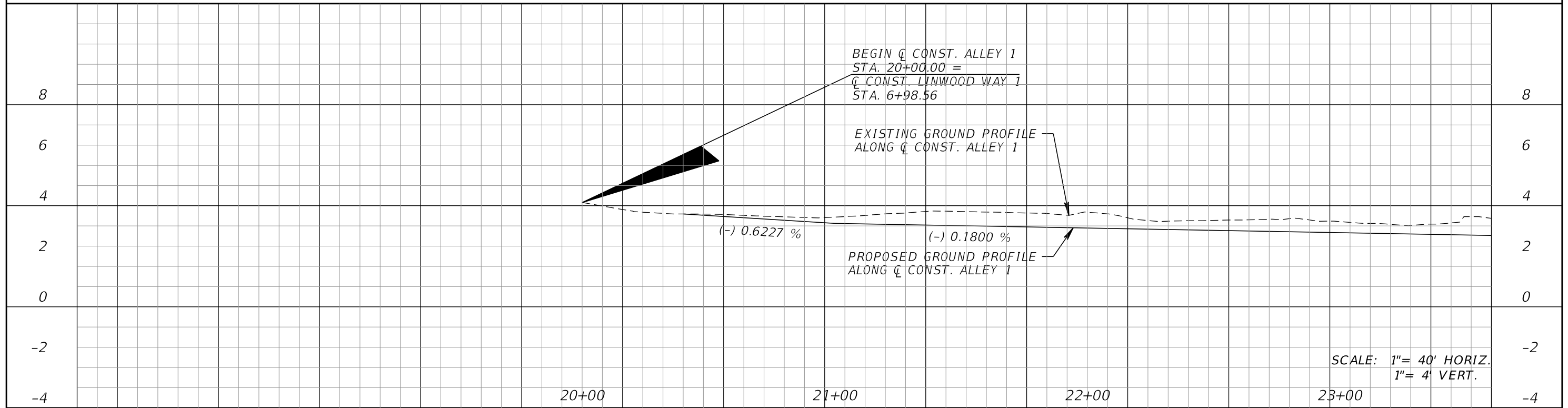
ROADWAY PLAN PROFILE (5)

SHEET NO. 18

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23+60.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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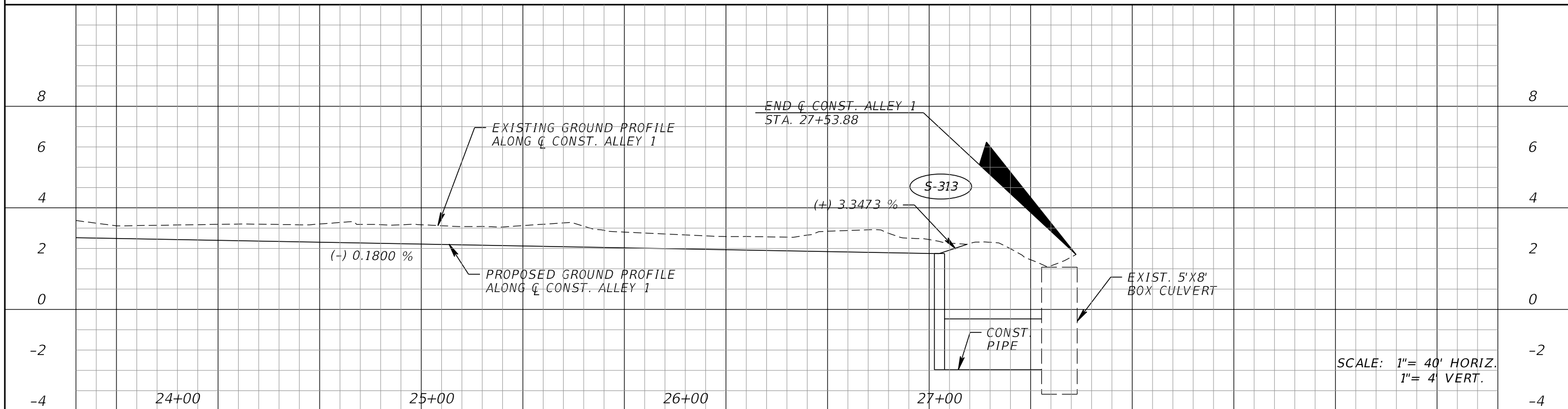
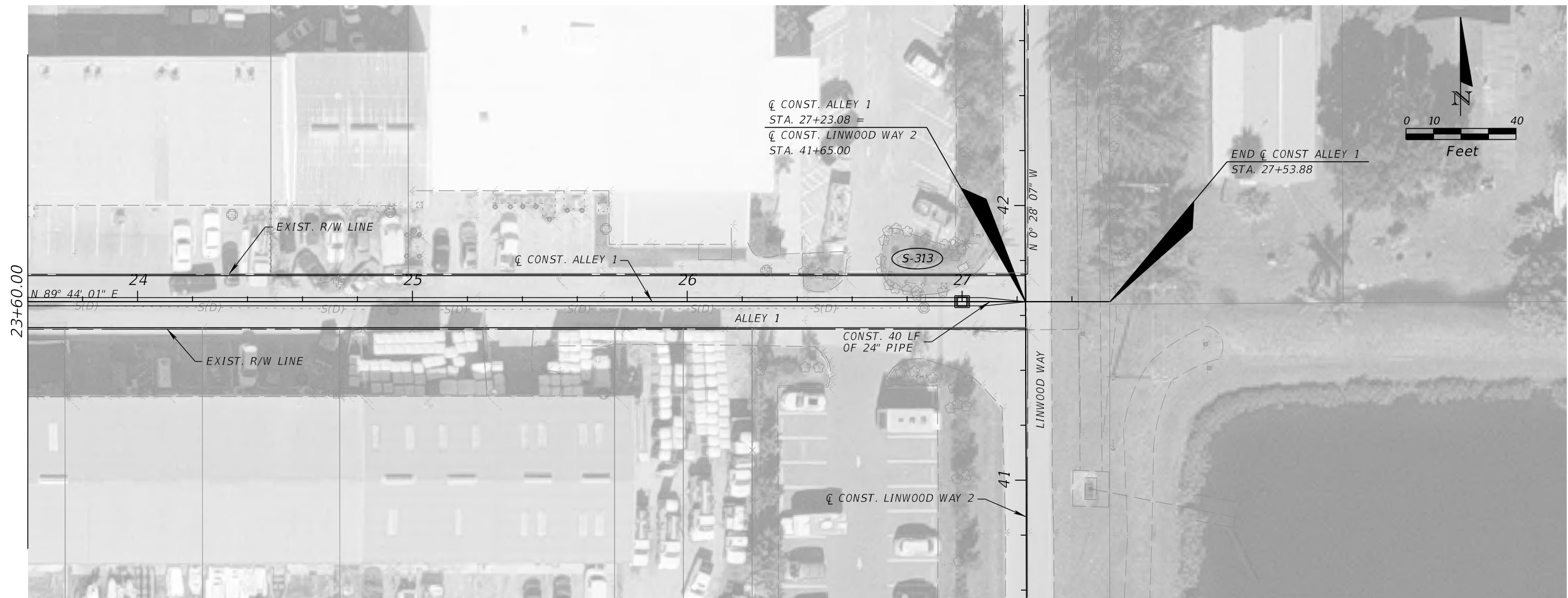
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (6)

SHEET NO.
19

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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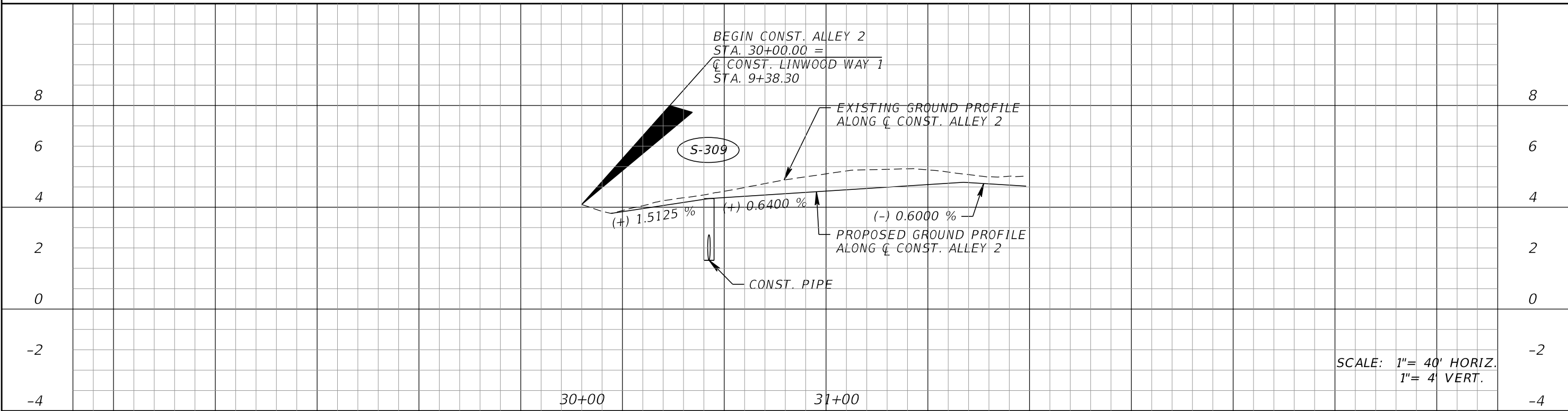
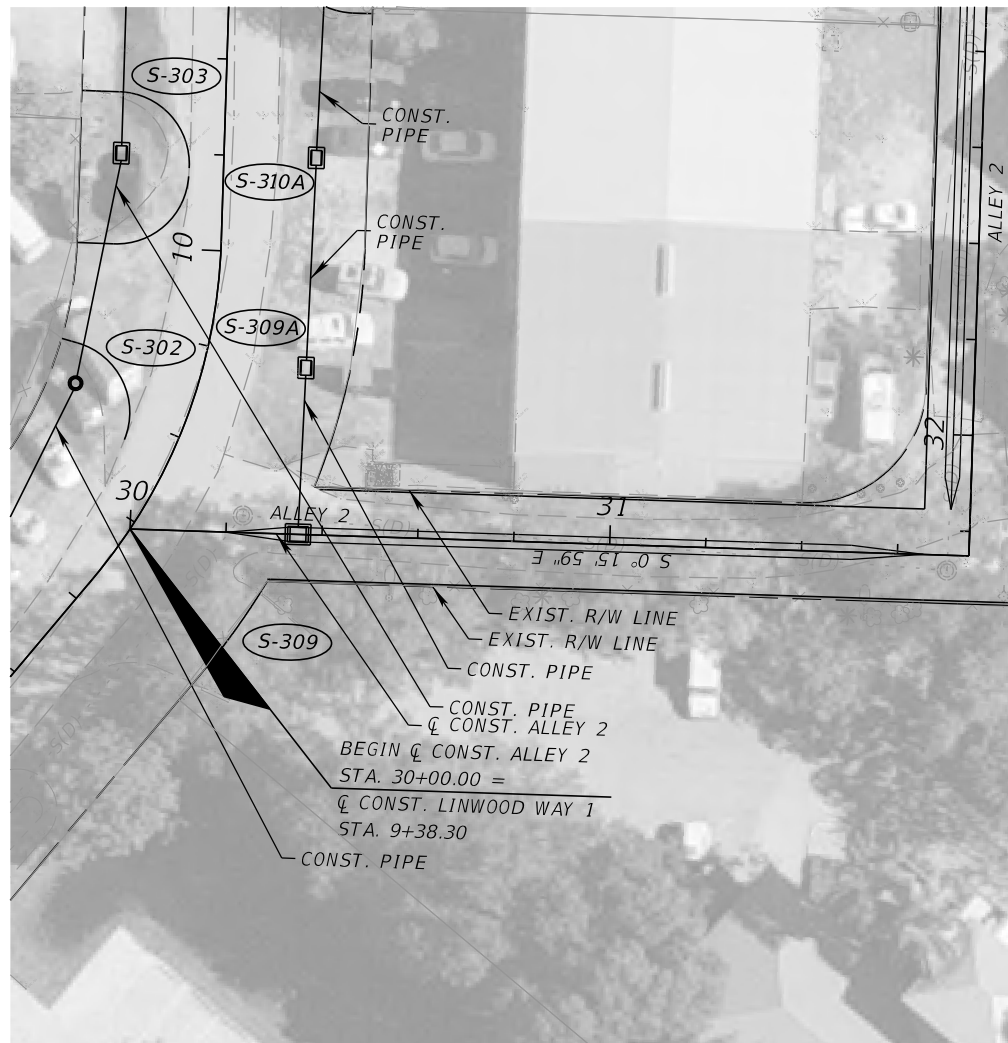
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (7)

SHEET NO. 20

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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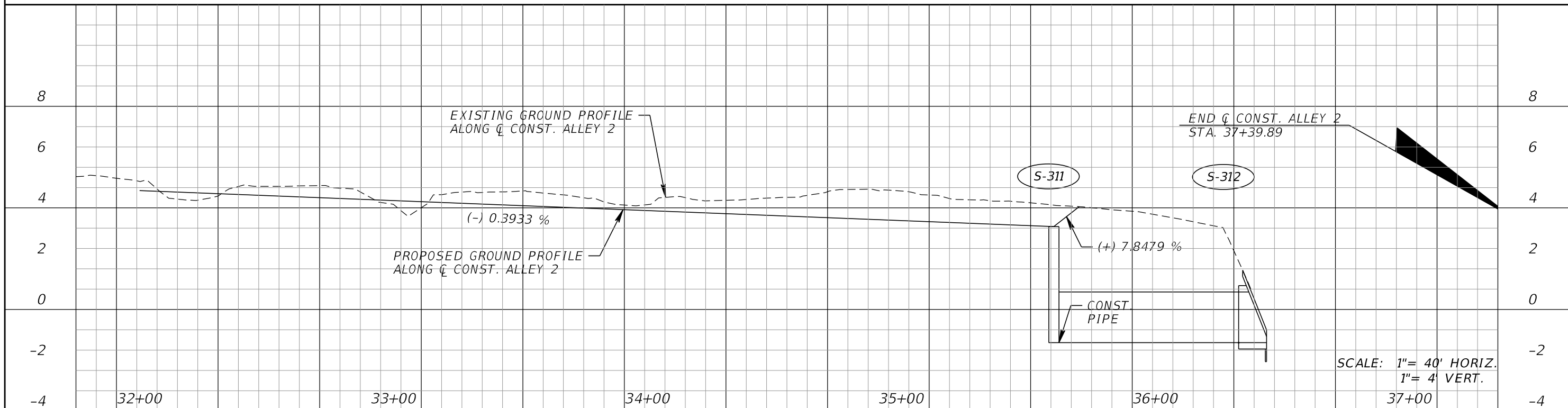
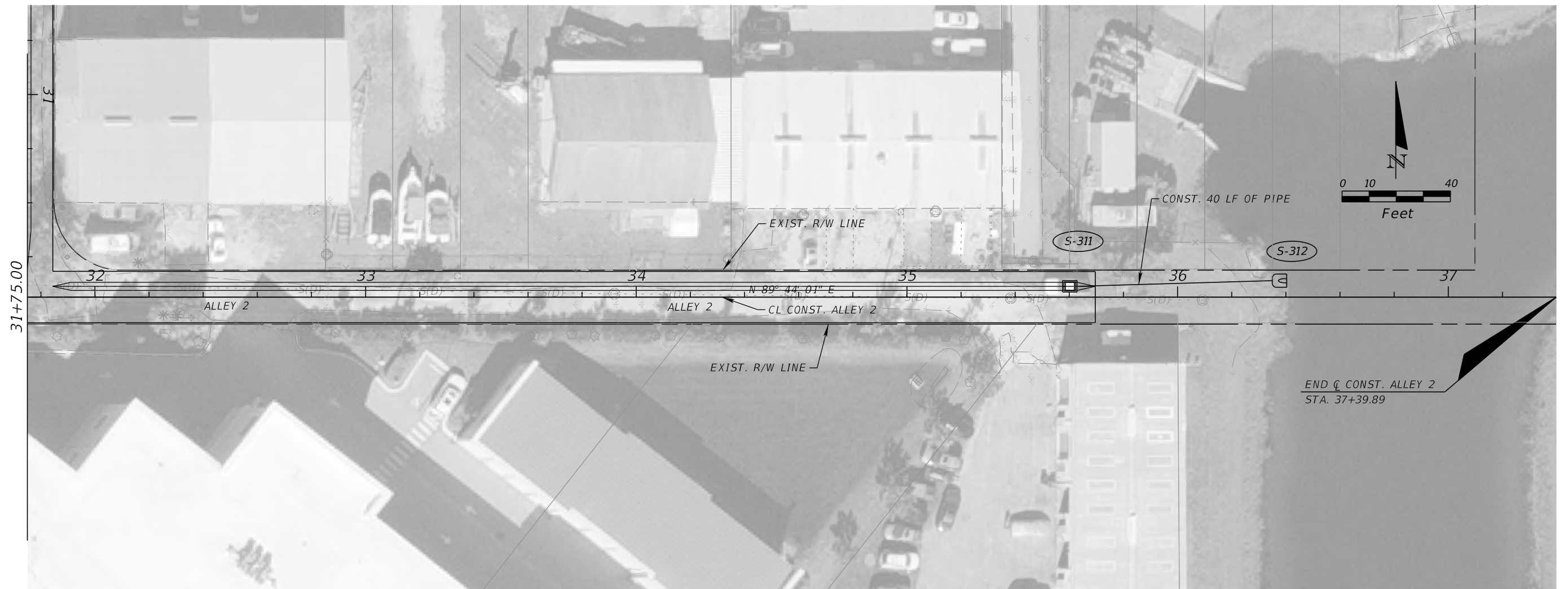
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (8)

SHEET NO.
21

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

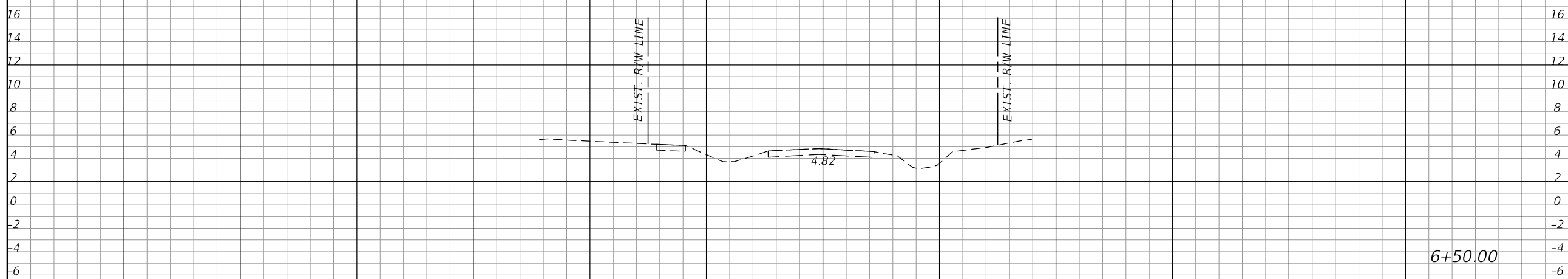
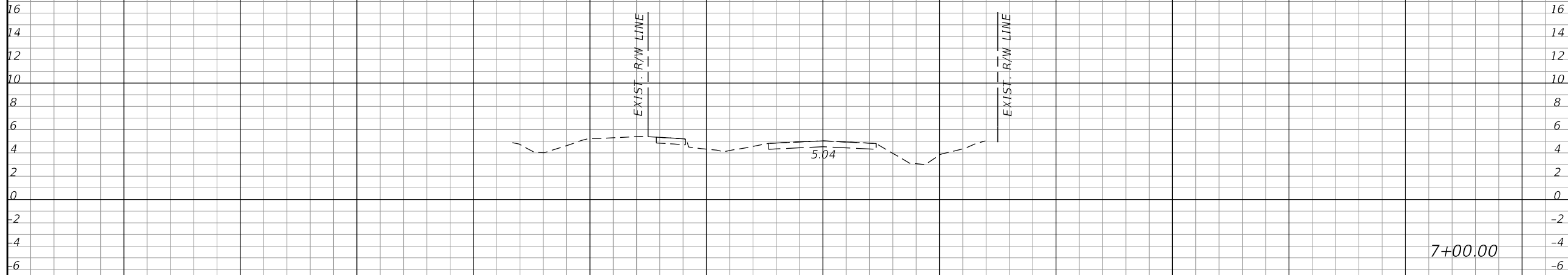
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

ROADWAY PLAN PROFILE (9)

SHEET NO.
22

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Ⓟ SURVEY BAYSIDE ST.



Ⓟ SURVEY BAYSIDE ST.

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 93234

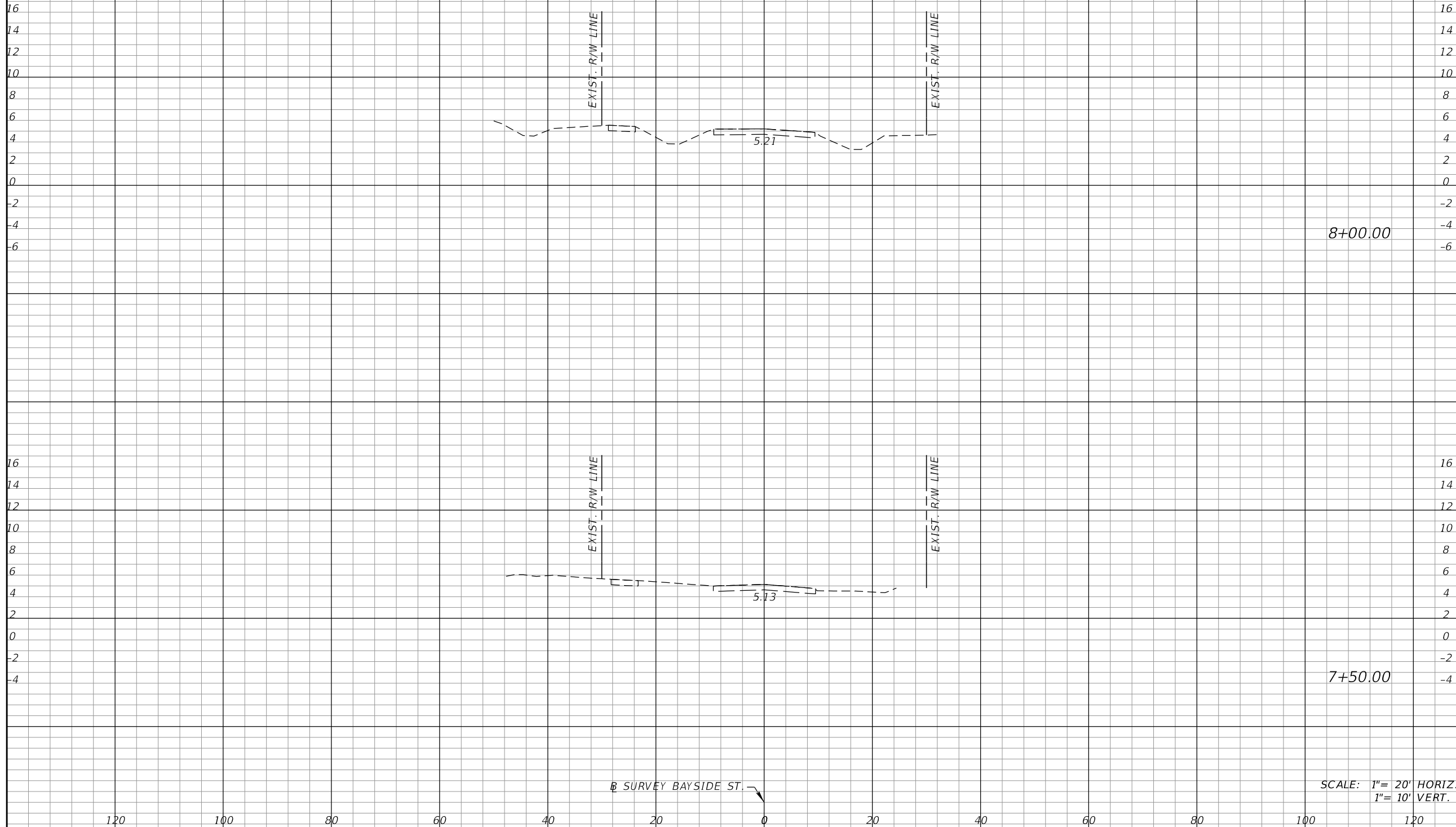
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (2)

SHEET NO.
24

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Ⓟ SURVEY BAYSIDE ST.



Ⓟ SURVEY BAYSIDE ST.

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
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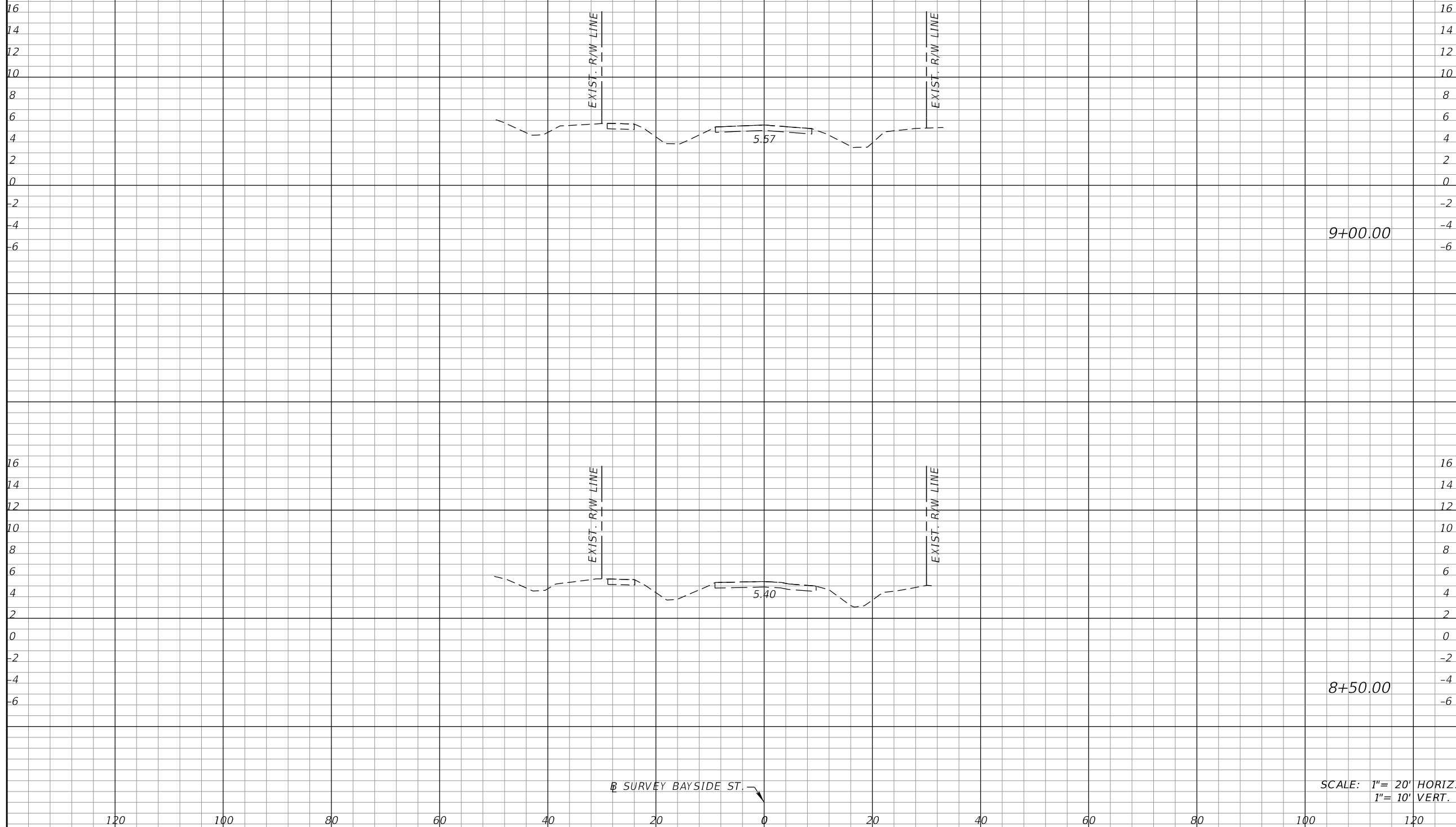
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (3)

SHEET NO.
25

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Ⓟ SURVEY BAYSIDE ST.



Regular		Exc.		Embankment	
A	V	A	V	A	V

Ⓟ SURVEY BAYSIDE ST.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

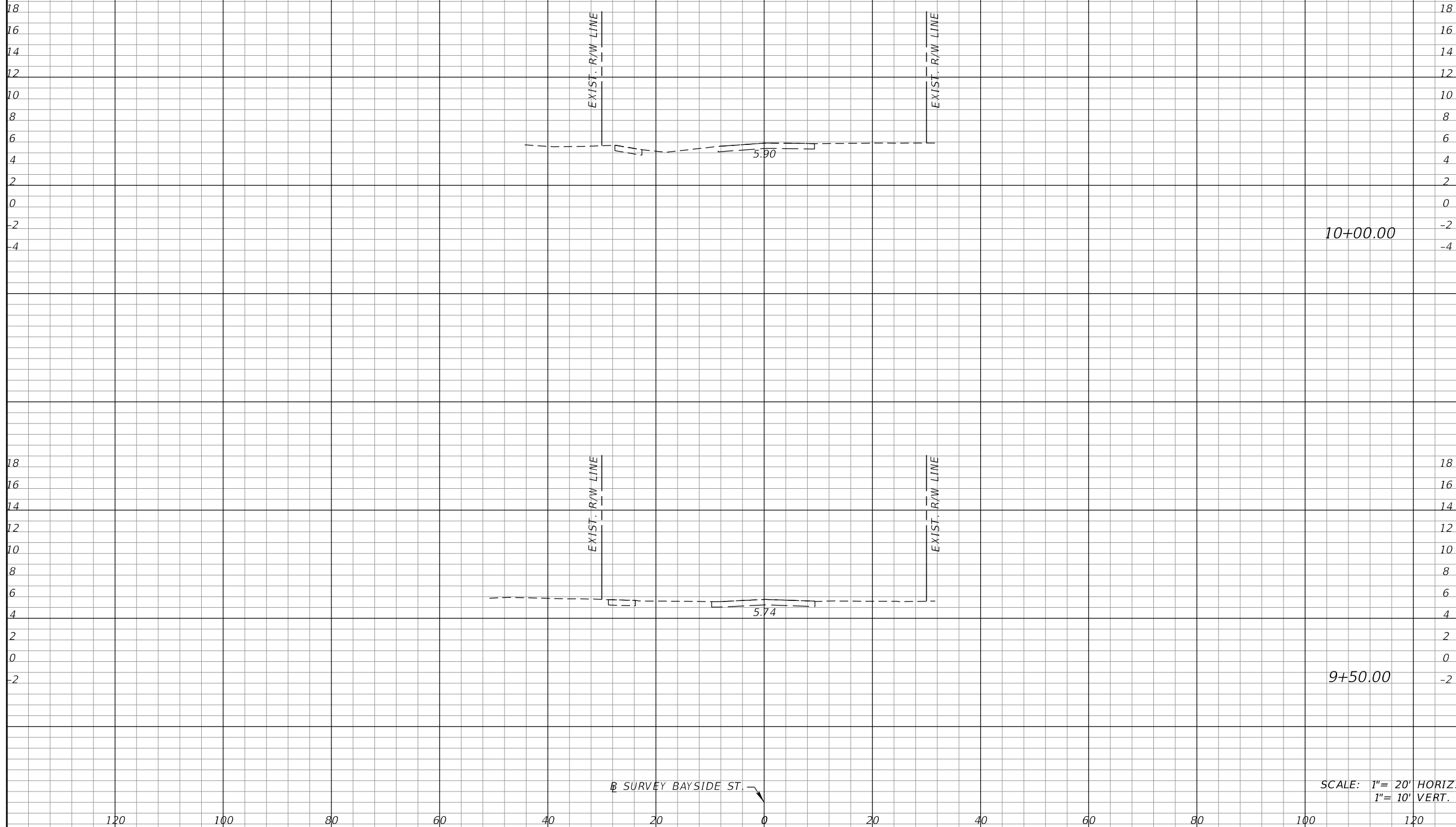
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (4)

SHEET NO.
26

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Ⓟ SURVEY BAYSIDE ST.



10+00.00

9+50.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

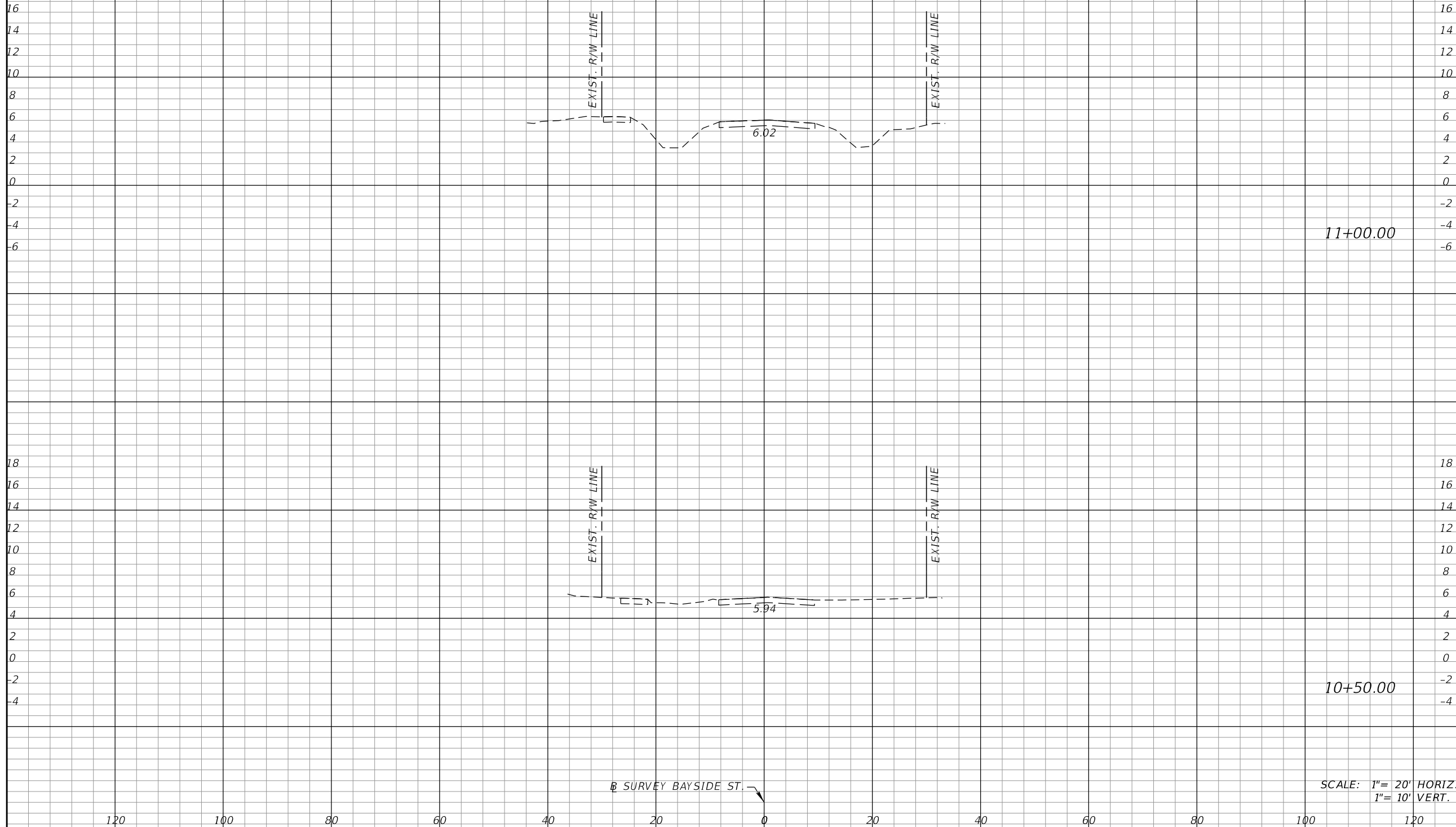
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (5)

SHEET NO.
27

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

Ⓟ SURVEY BAYSIDE ST.



11+00.00

10+50.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

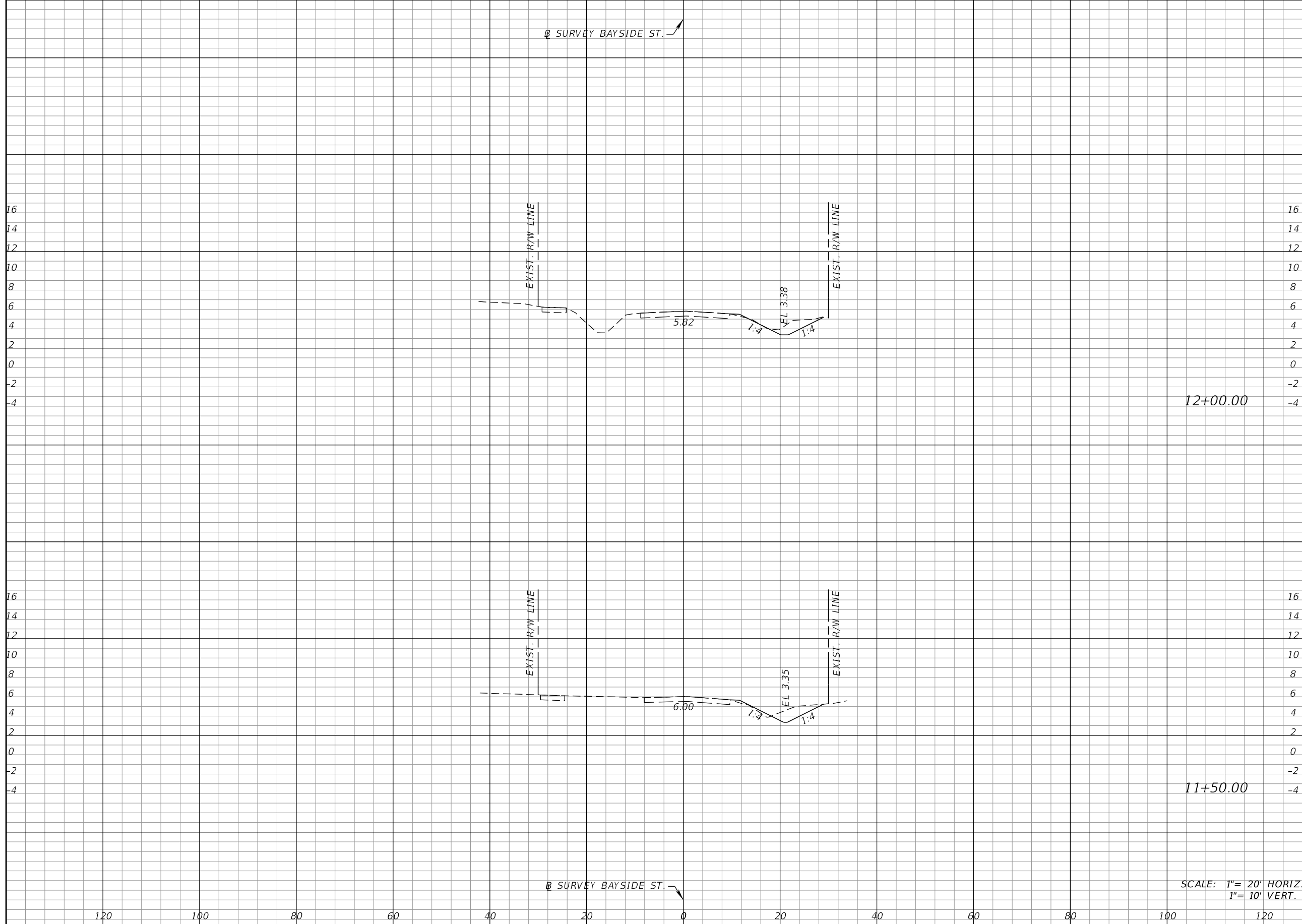
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (6)

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.

Ⓟ SURVEY BAYSIDE ST.



12+00.00

11+50.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
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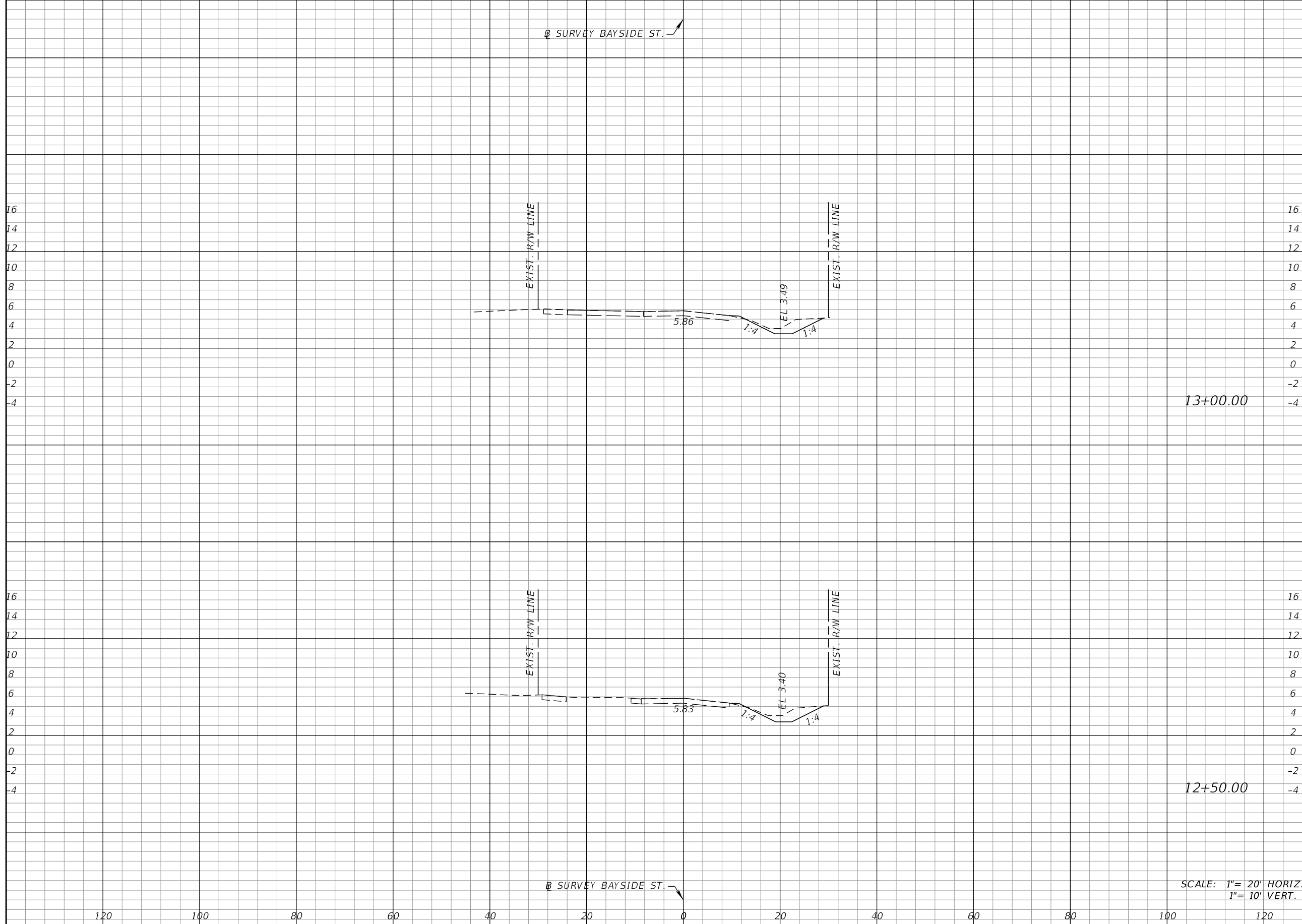
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (7)

SHEET NO.
29

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Ⓟ SURVEY BAYSIDE ST.



13+00.00

12+50.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
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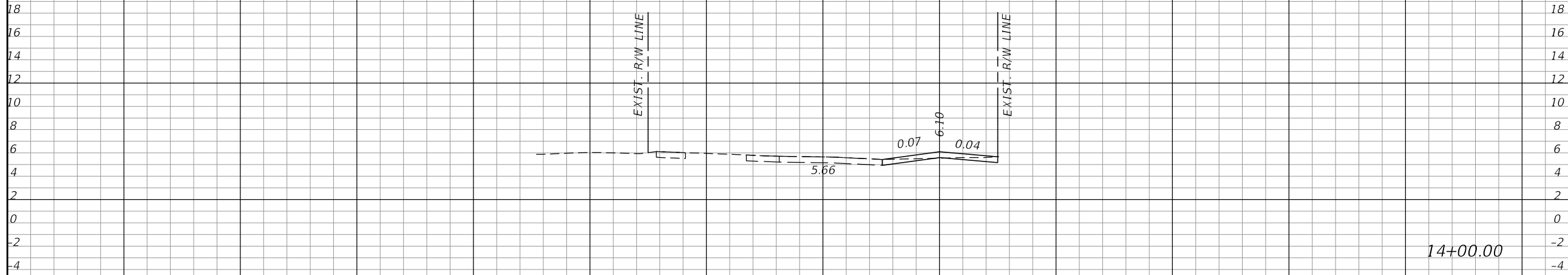
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (8)

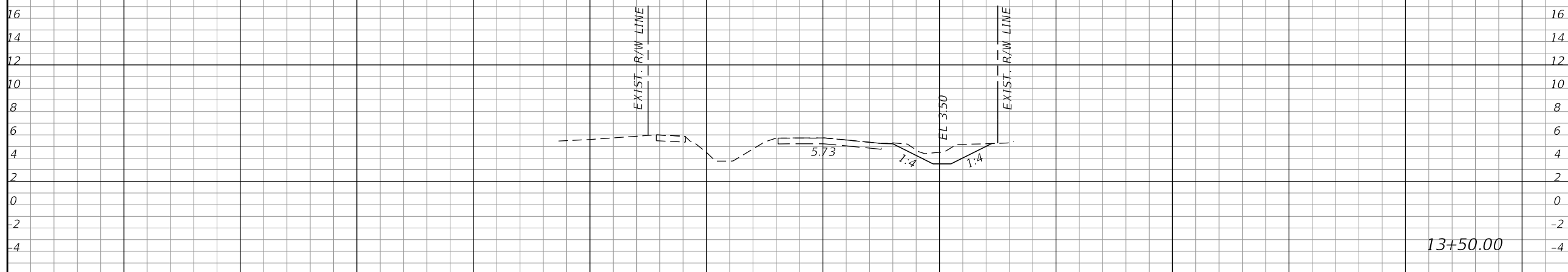
SHEET NO.
30

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

Ⓟ SURVEY BAYSIDE ST.



14+00.00



13+50.00

Ⓟ SURVEY BAYSIDE ST.

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

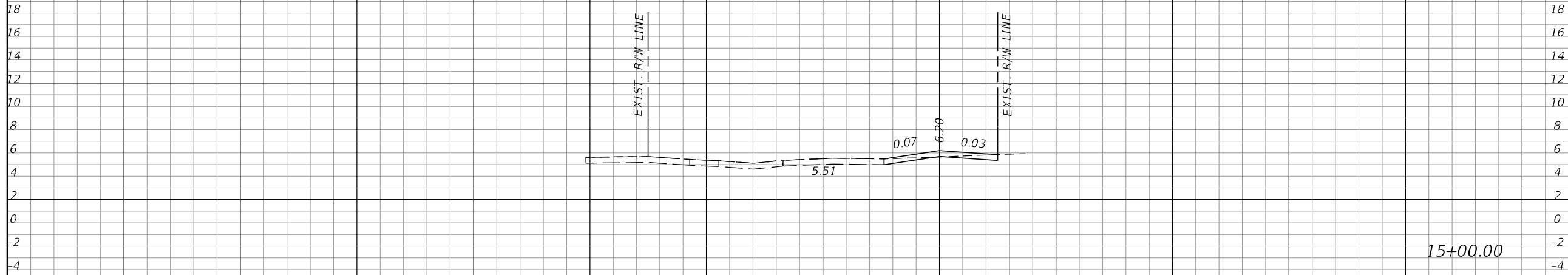
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (9)

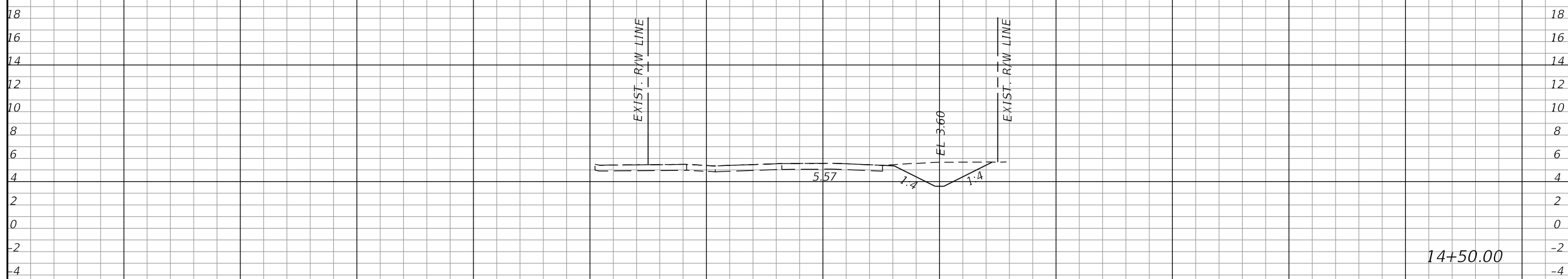
SHEET NO.
31

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

Ⓟ SURVEY BAYSIDE ST.



15+00.00



14+50.00

Ⓟ SURVEY BAYSIDE ST.

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

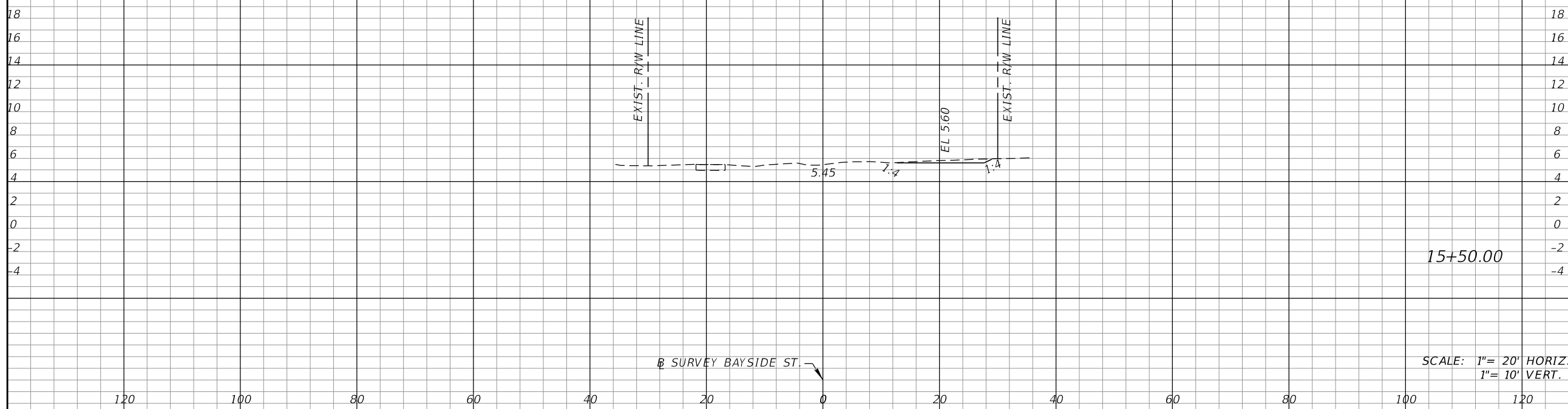
CROSS SECTIONS (10)

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.

Ⓟ SURVEY BAYSIDE ST.

Regular Exc.		Embankment	
A	V	A	V



Ⓟ SURVEY BAYSIDE ST.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

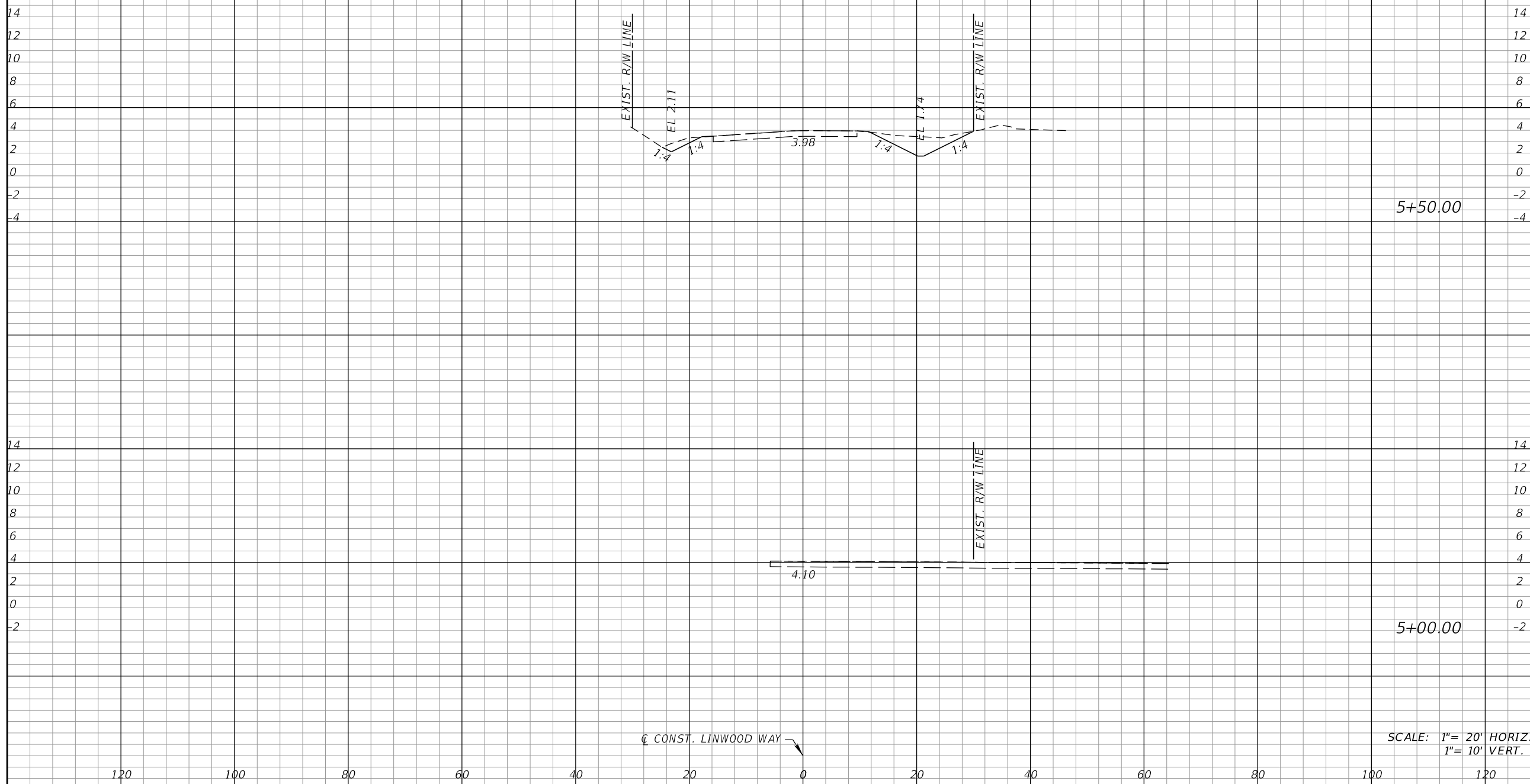
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

CROSS SECTIONS (11)

SHEET NO.
33

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

CL CONST. LINWOOD WAY



5+50.00

5+00.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

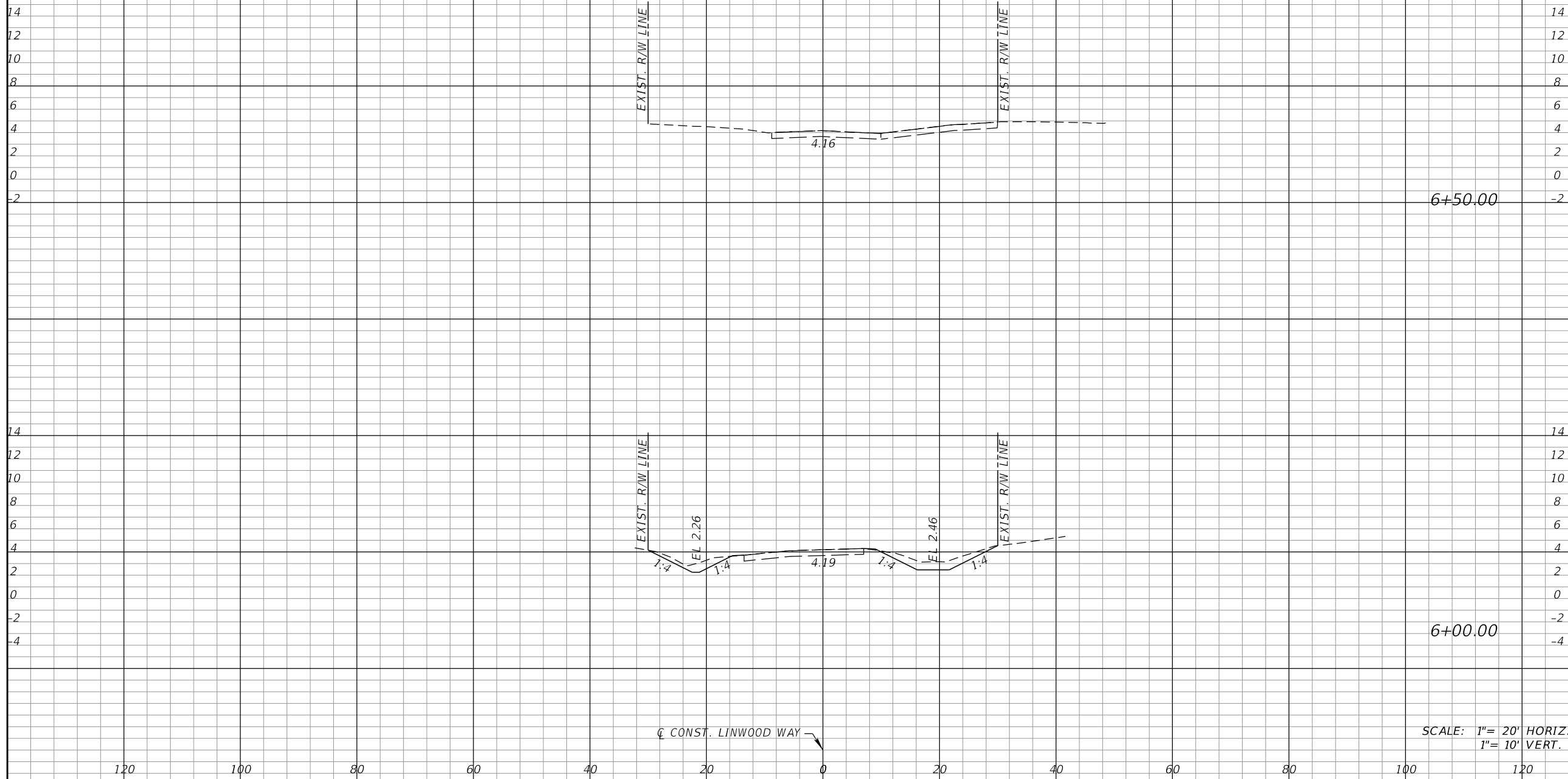
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (12)

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.

☐ CONST. LINWOOD WAY ↗



☐ CONST. LINWOOD WAY ↘

6+50.00

6+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

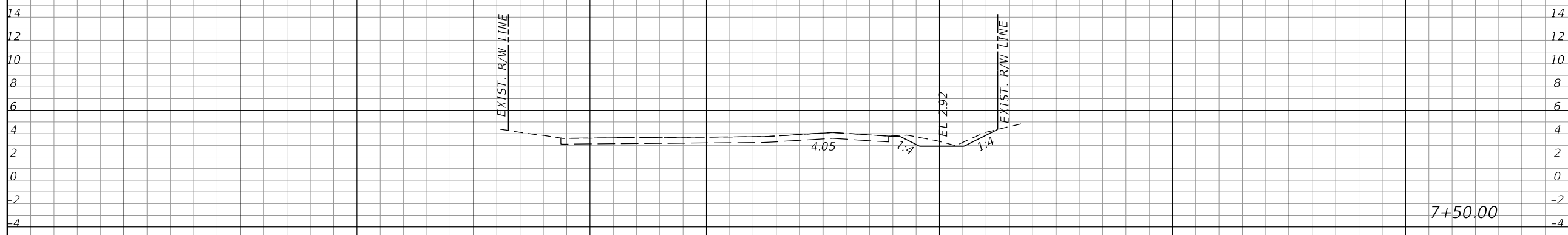
CROSS SECTIONS (13)

SHEET NO.
35

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

☐ CONST. LINWOOD WAY ↘

Regular		Exc.		Embankment	
A	V	A	V	A	V



7+50.00



7+00.00

☐ CONST. LINWOOD WAY ↘

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
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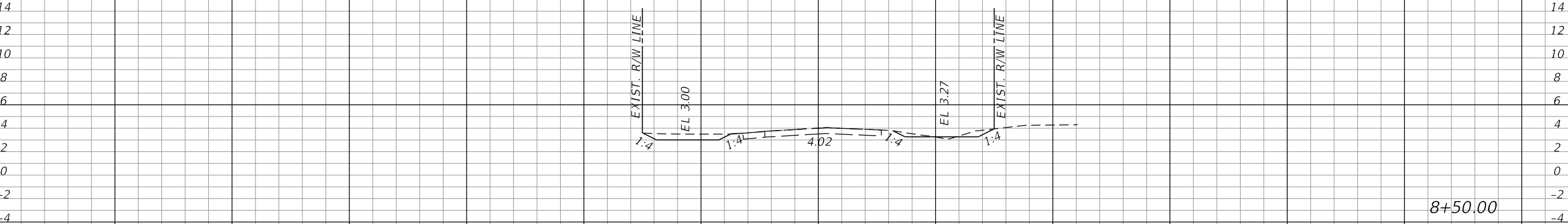
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (14)

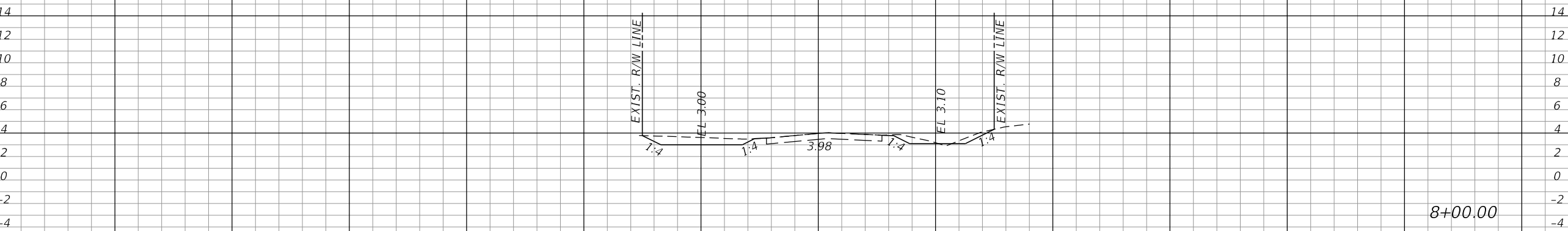
SHEET NO.
36

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

CL CONST. LINWOOD WAY



8+50.00



8+00.00

CL CONST. LINWOOD WAY

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

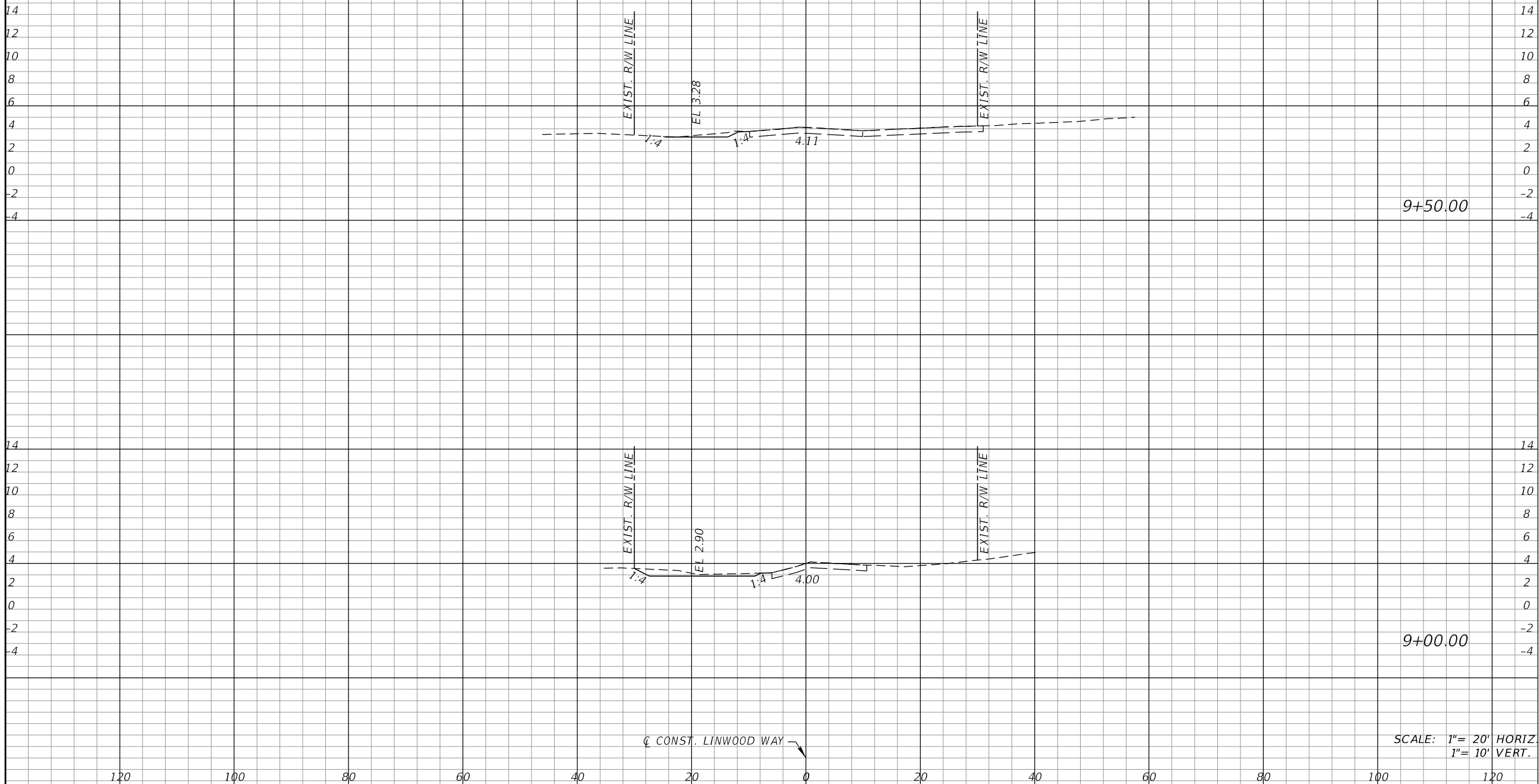
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (15)

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.

CL CONST. LINWOOD WAY



9+50.00

9+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

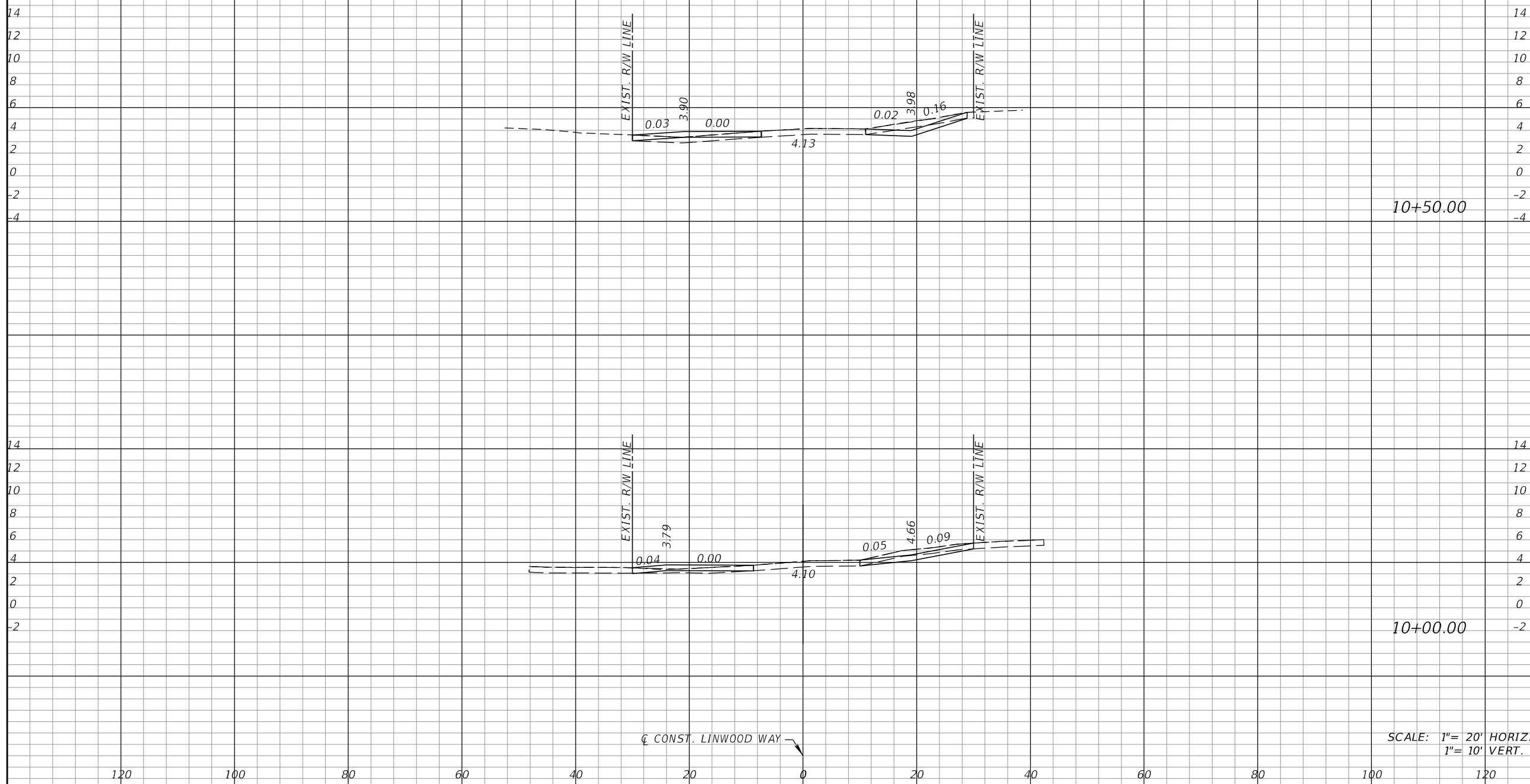
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (16)

SHEET NO.
38

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

CL CONST. LINWOOD WAY



10+50.00

10+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

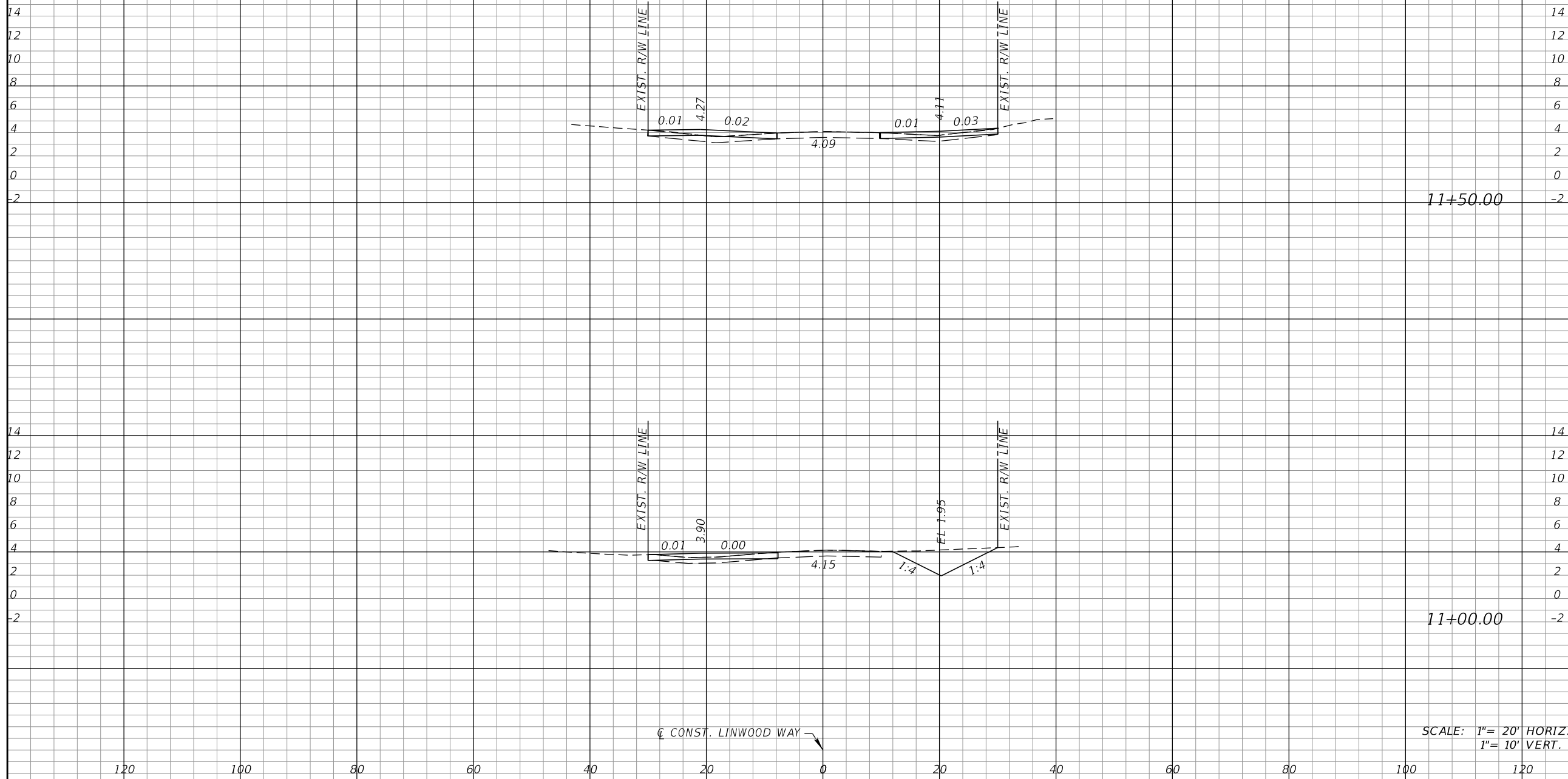
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (17)

SHEET NO.
39

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CL CONST. LINWOOD WAY



11+50.00

11+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

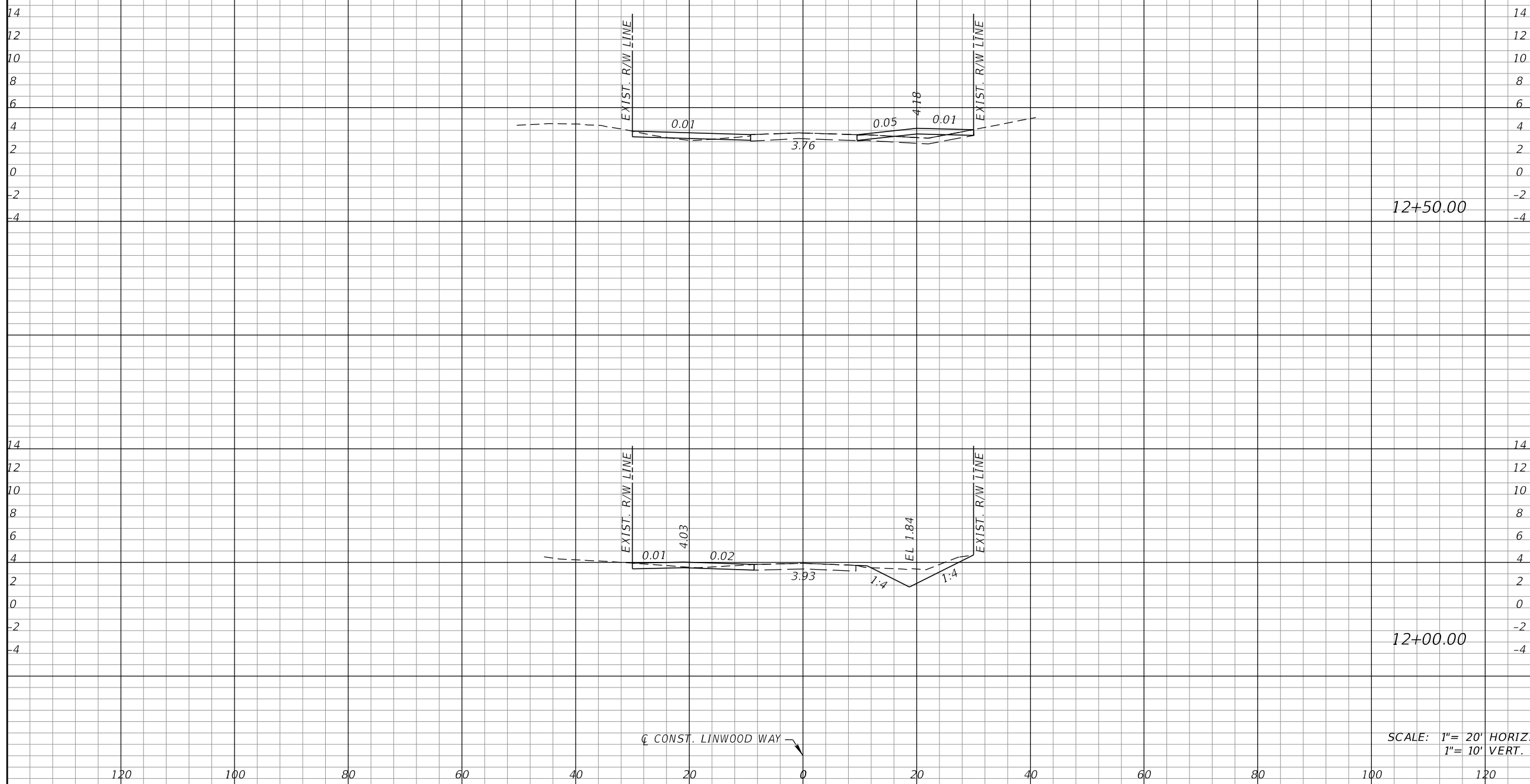
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (18)

SHEET NO.
40

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

CL CONST. LINWOOD WAY



12+50.00

12+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (19)

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.

CL CONST. LINWOOD WAY



13+50.00

13+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

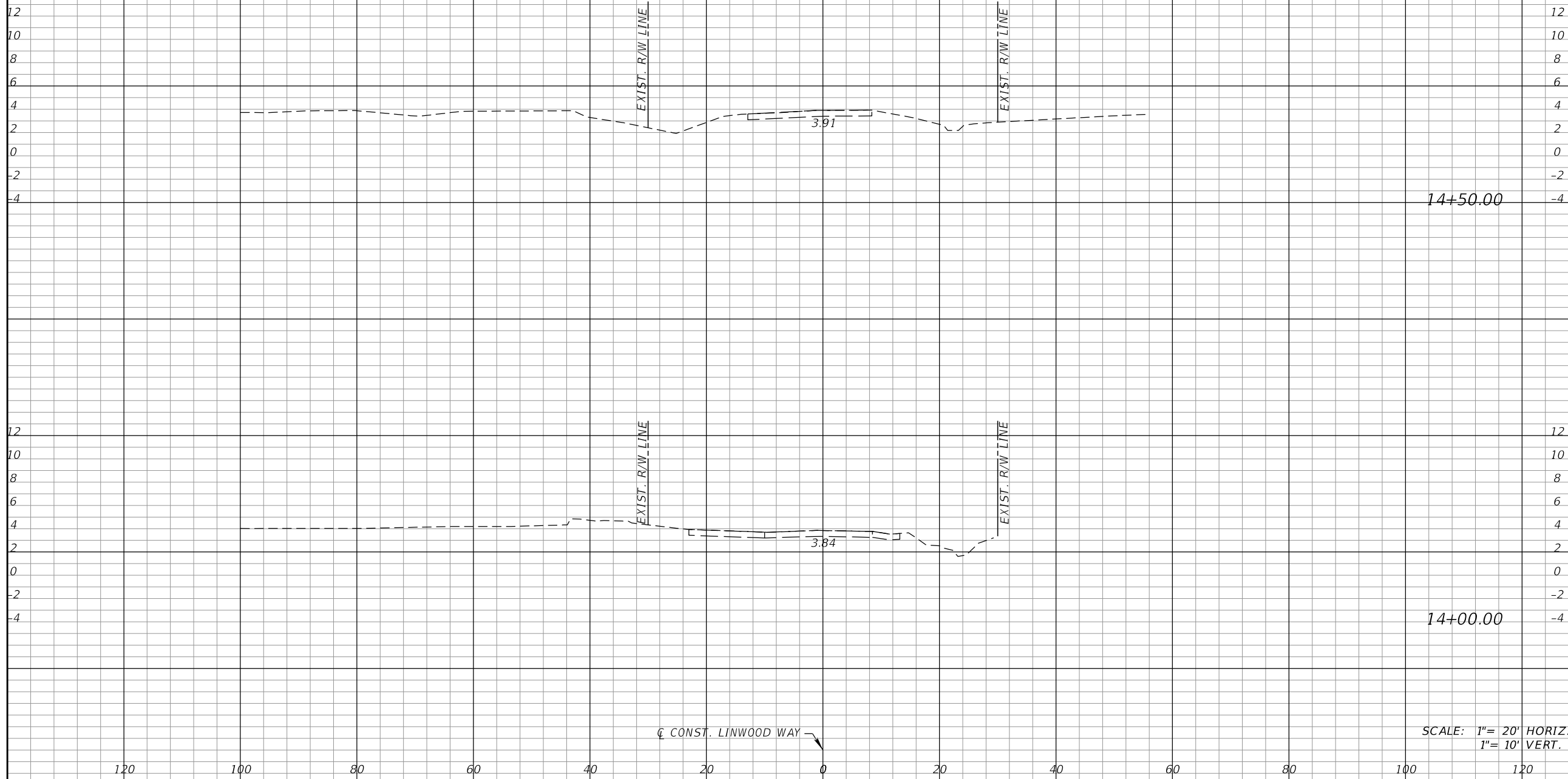
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (20)

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.

CL CONST. LINWOOD WAY ↗



14+50.00

14+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

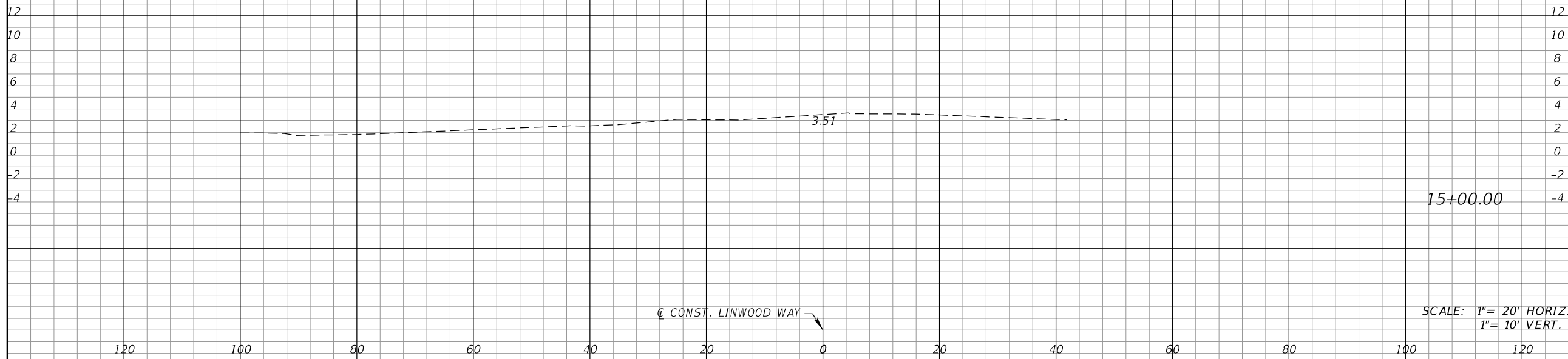
CROSS SECTIONS (21)

SHEET NO.
43

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

CL CONST. LINWOOD WAY ↗

Regular Exc.		Embankment	
A	V	A	V



CL CONST. LINWOOD WAY ↘

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

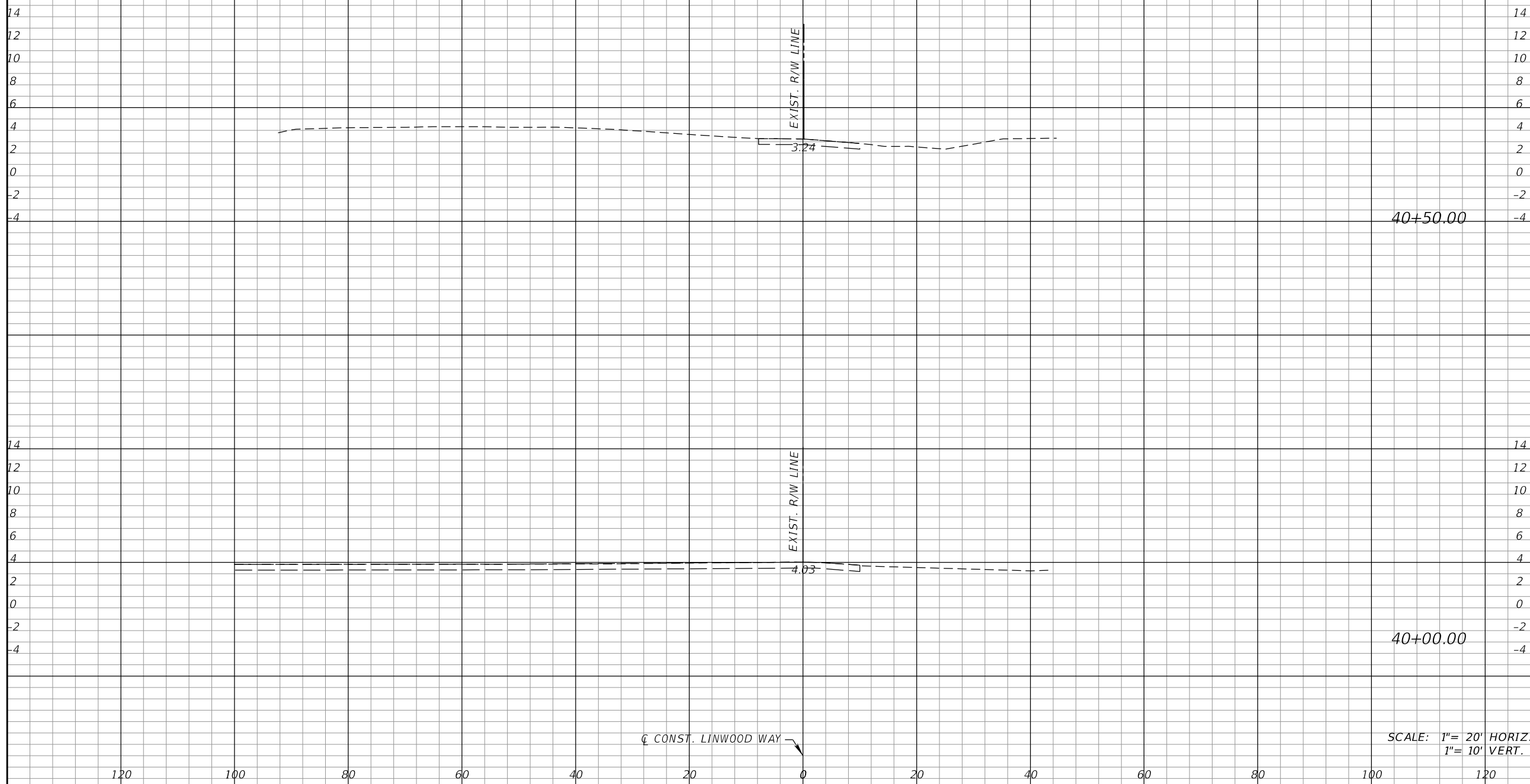
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

CROSS SECTIONS (22)

SHEET NO.
44

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

CL CONST. LINWOOD WAY ↘



40+50.00

40+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

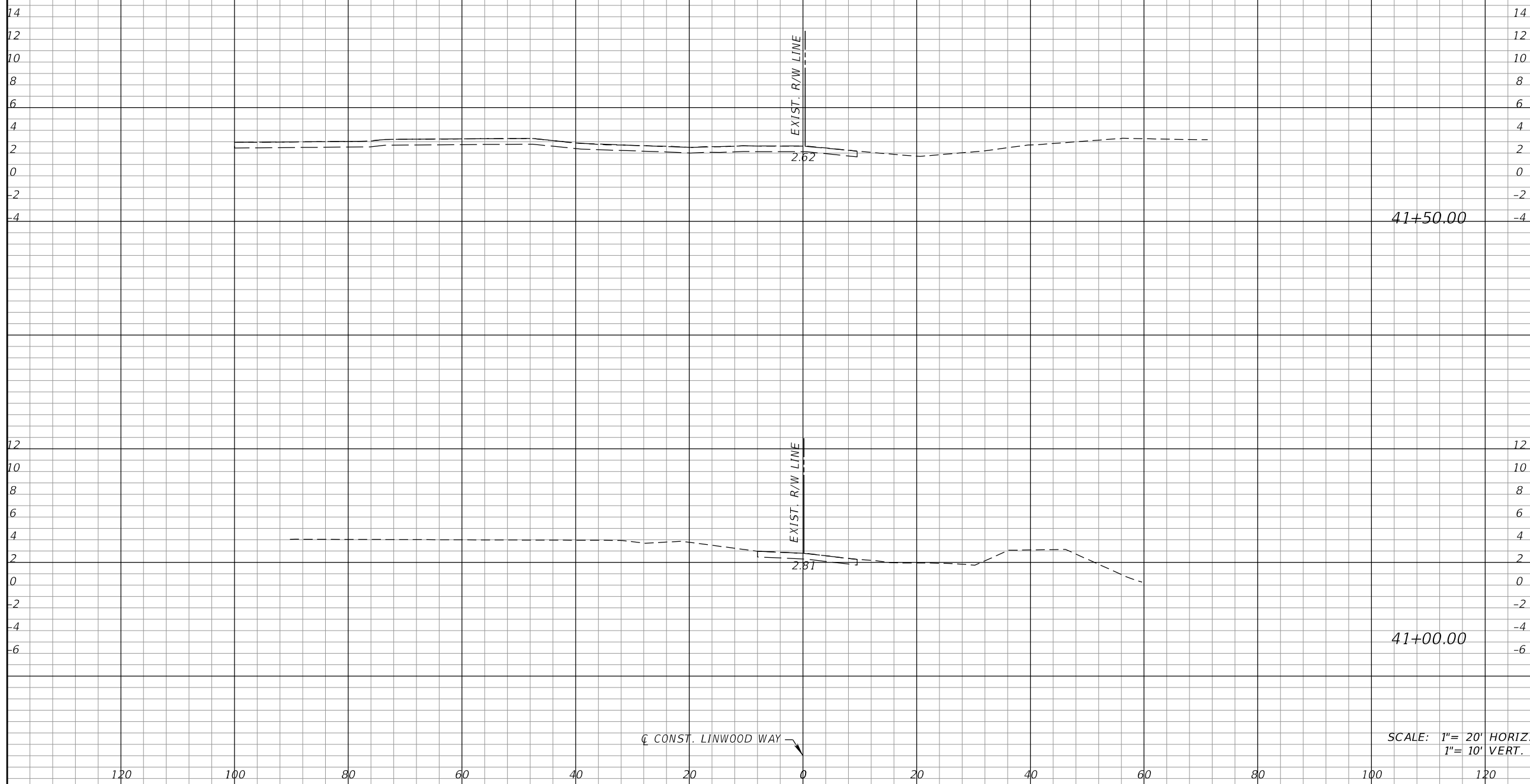
CROSS SECTIONS (23)

SHEET NO.
45

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

CL CONST. LINWOOD WAY

Regular		Exc.		Embankment	
A	V	A	V	A	V



41+50.00

41+00.00

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

CL CONST. LINWOOD WAY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

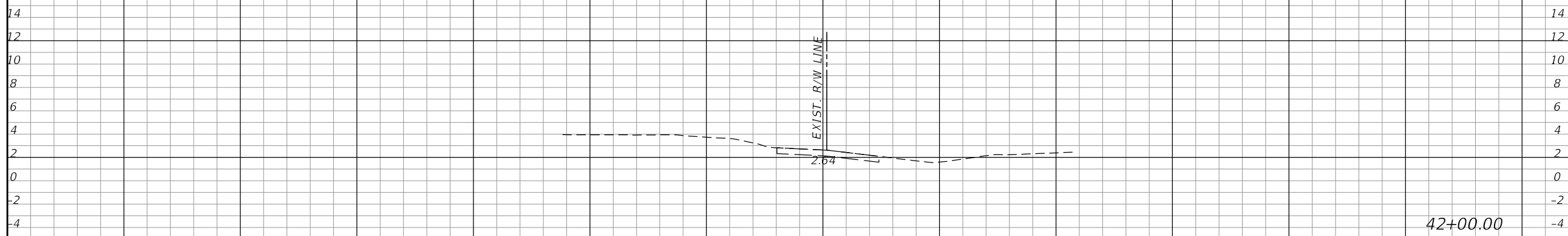
CROSS SECTIONS (24)

SHEET NO.
46

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

CL CONST. LINWOOD WAY

Regular		Exc.		Embankment	
A	V	A	V	A	V



CL CONST. LINWOOD WAY

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

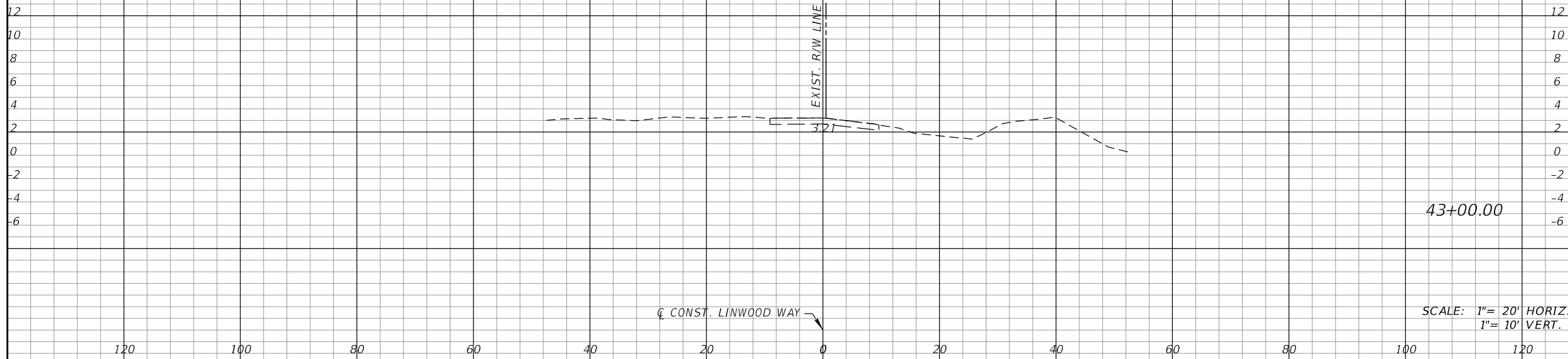
CROSS SECTIONS (25)

SHEET NO.
47

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

CL CONST. LINWOOD WAY ↘

Regular Exc.		Embankment	
A	V	A	V



CL CONST. LINWOOD WAY ↘

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

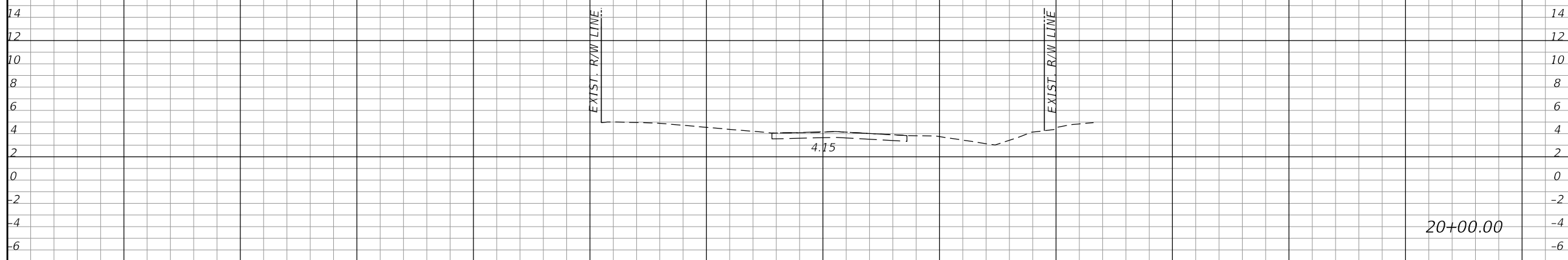
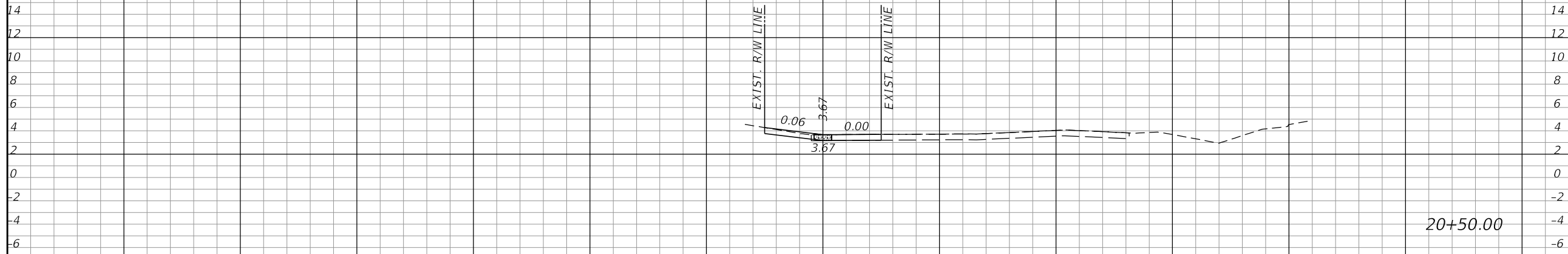
CROSS SECTIONS (26)

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.

☐ CONST. ALLEY 1

Regular Exc.		Embankment	
A	V	A	V



☐ CONST. ALLEY 1

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

120 100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES
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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

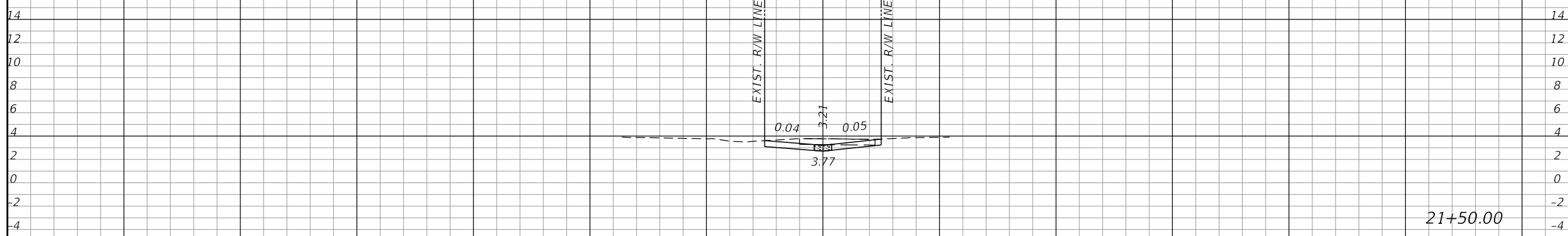
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (23)

SHEET NO.
49

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

☐ CONST. ALLEY 1 ↗



☐ CONST. ALLEY 1 ↗

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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13461 Parker Commons Blvd, Suite 104
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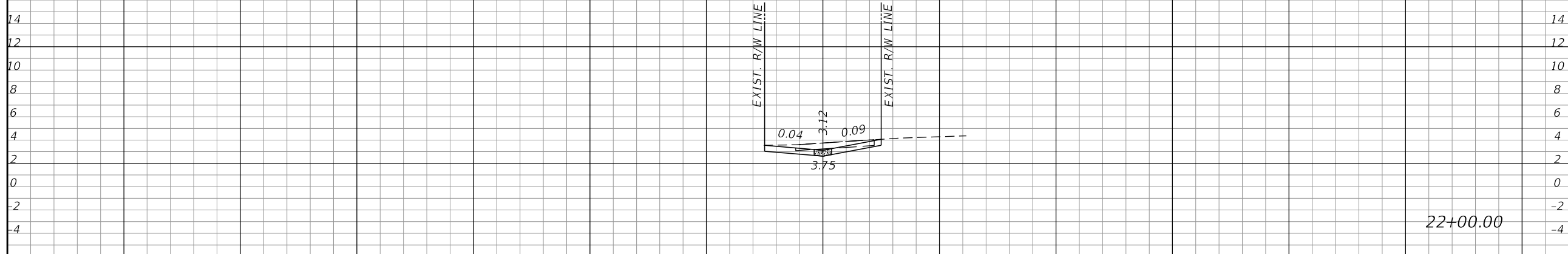
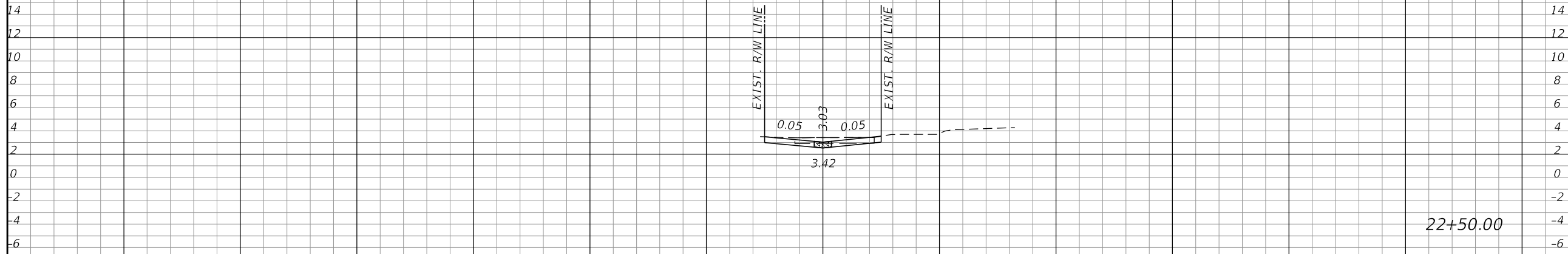
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (24)

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.

☐ CONST. ALLEY 1



☐ CONST. ALLEY 1

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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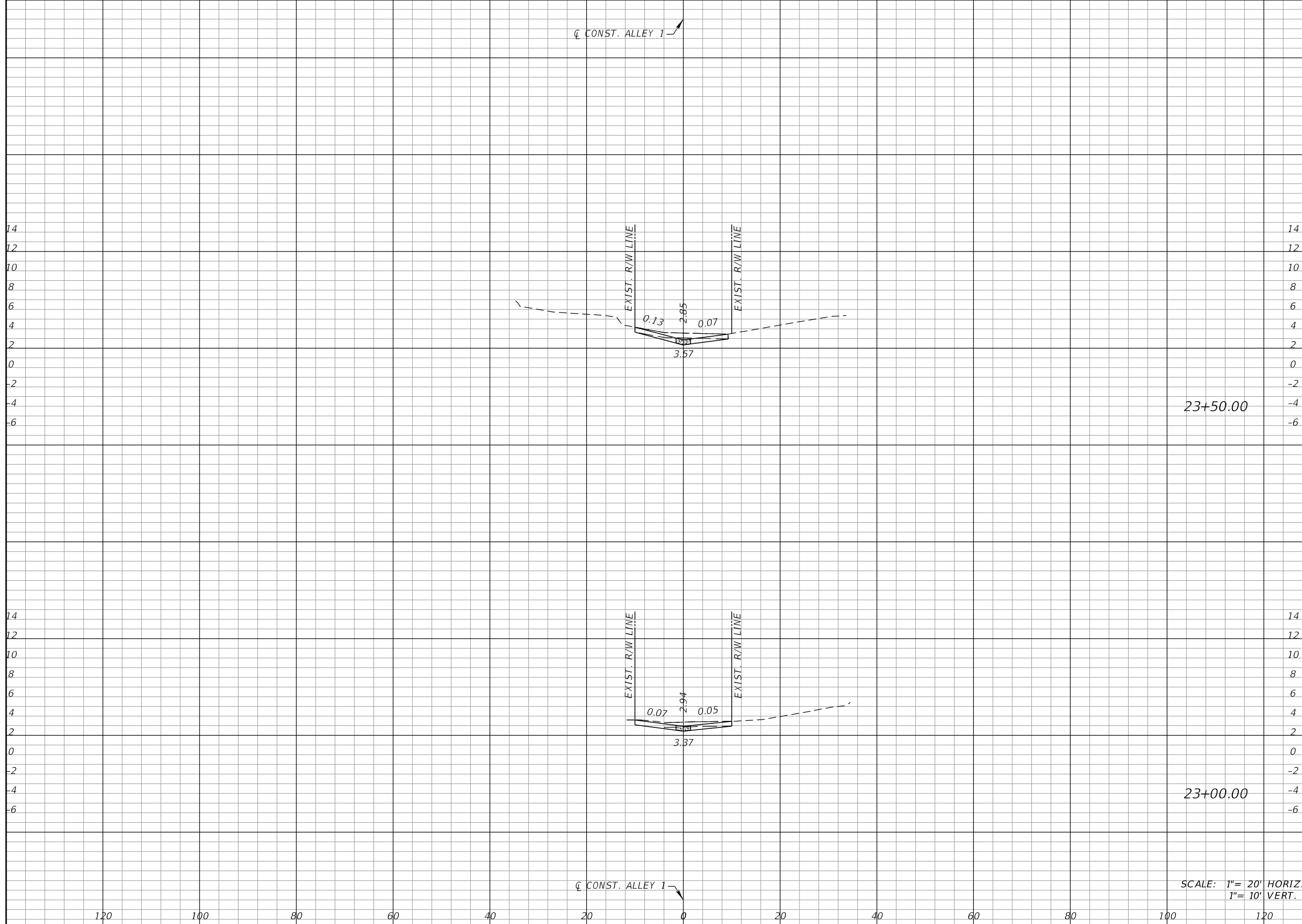
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (25)

SHEET NO.
51

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

☉ CONST. ALLEY 1



23+50.00

23+00.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Engineer of Record: Courtney J. Richards
P.E. No.: 93234

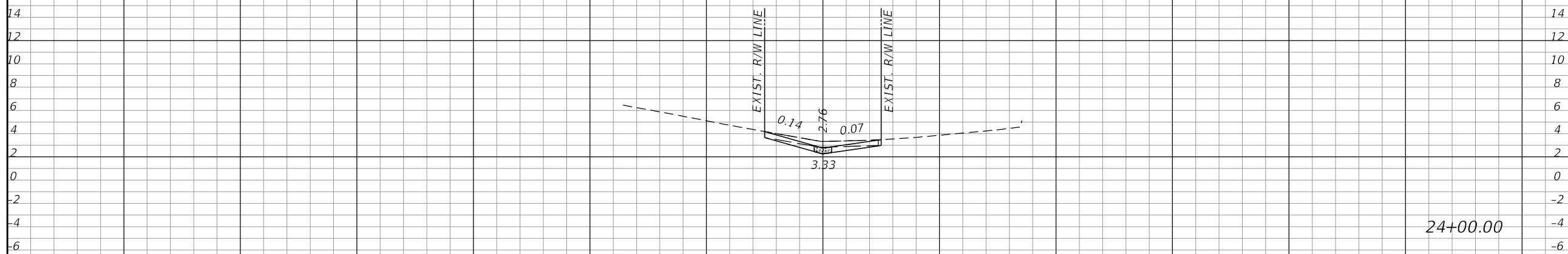
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (26)

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.

☐ CONST. ALLEY 1 ↘



☐ CONST. ALLEY 1 ↘

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

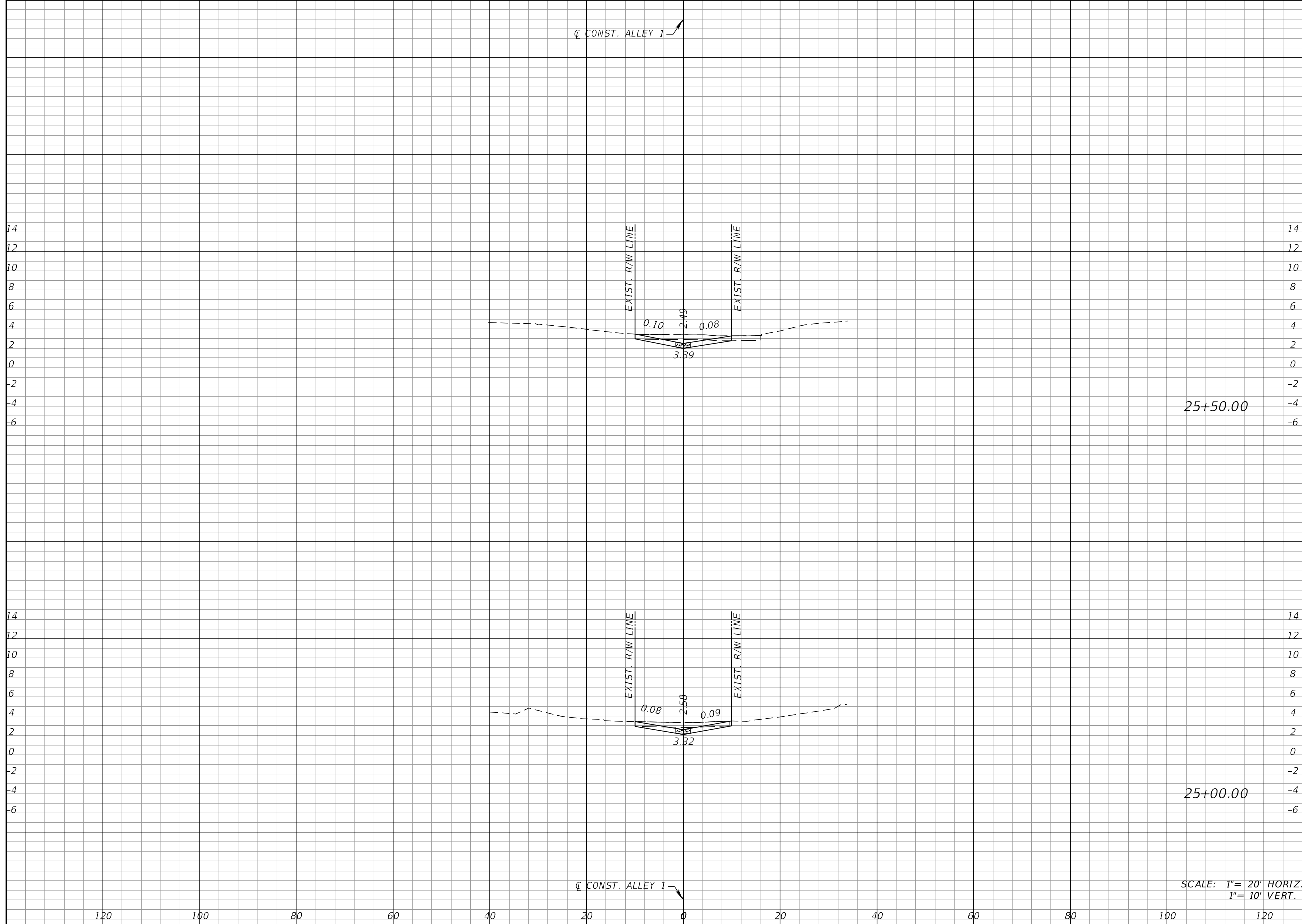
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (27)

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.

☐ CONST. ALLEY 1



25+50.00

25+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

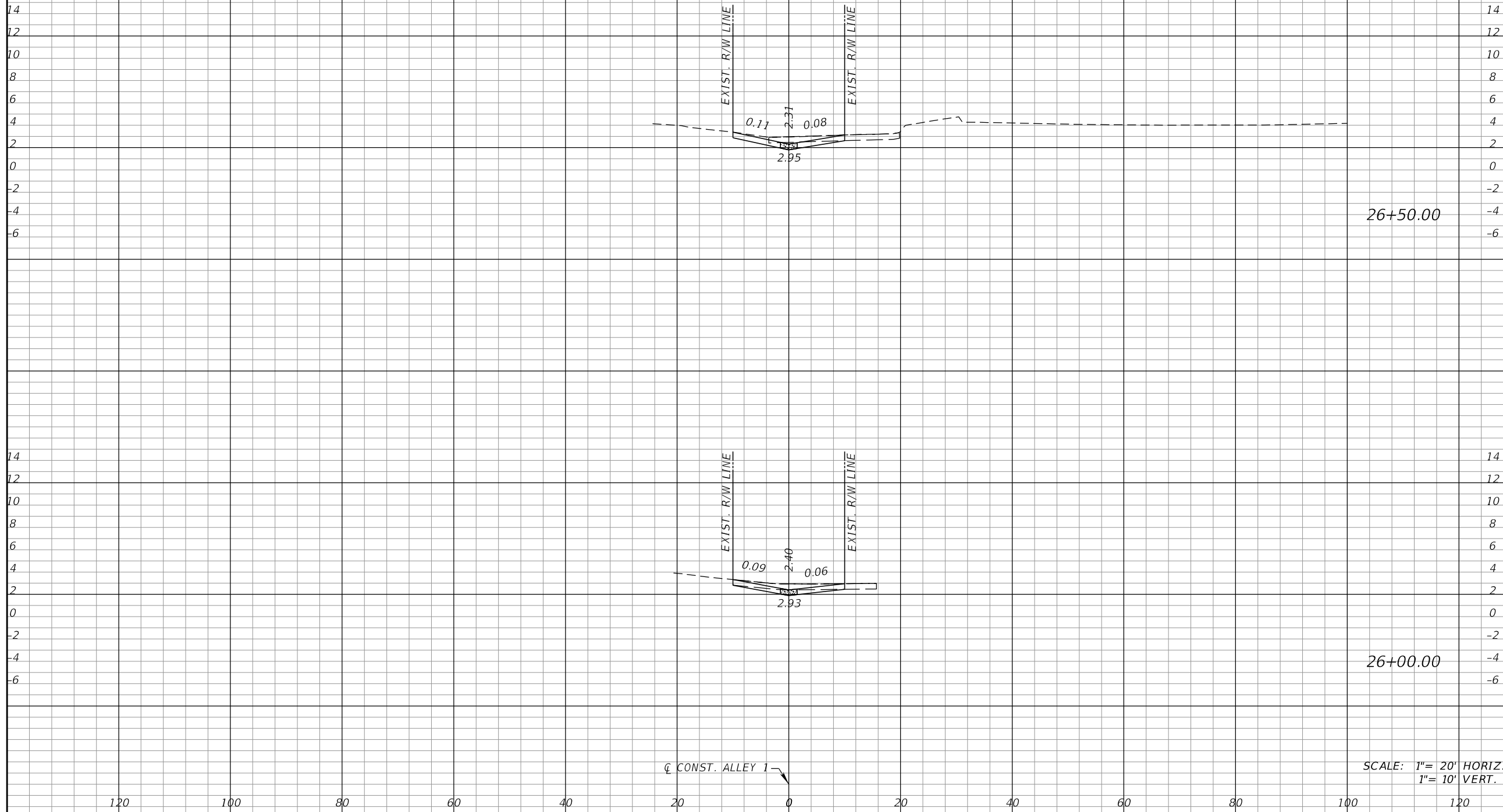
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (28)

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.

☐ CONST. ALLEY 1



26+50.00

26+00.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

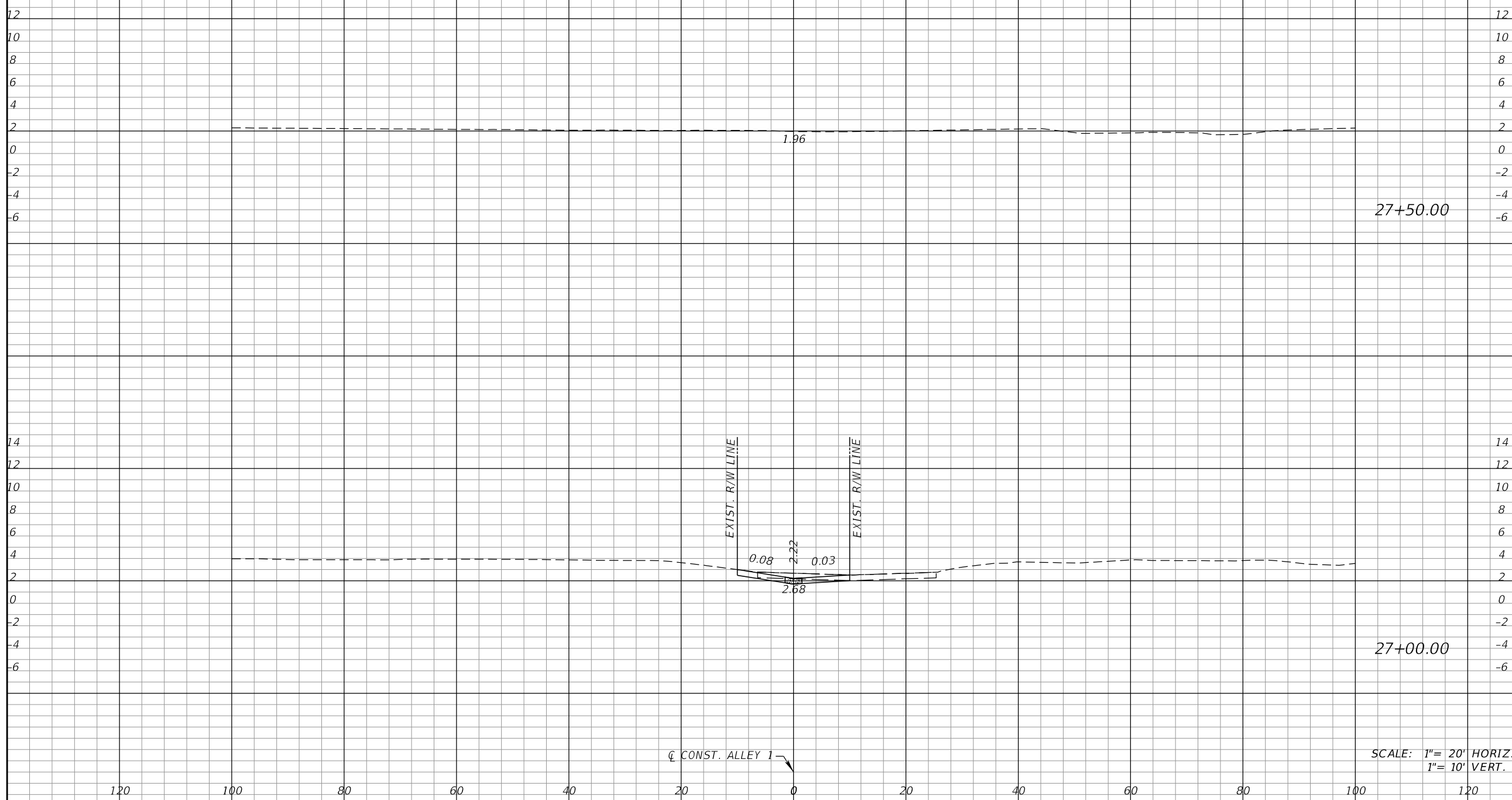
CROSS SECTIONS (29)

SHEET NO.
55

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

☉ CONST. ALLEY 1 ↘

Regular Exc.		Embankment	
A	V	A	V



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

☉ CONST. ALLEY 1 ↘

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

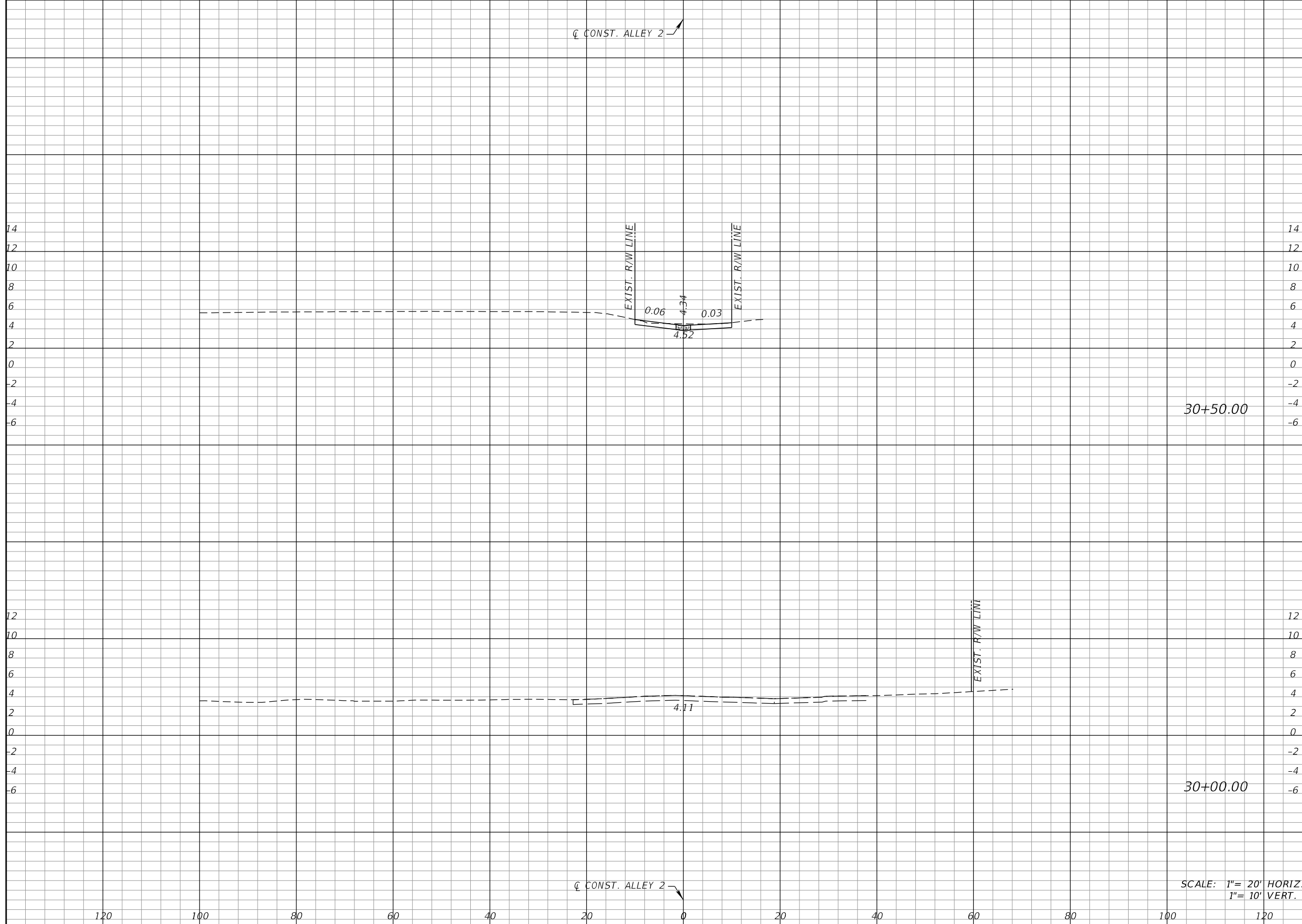
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 1	COLLIER	50203.3.1.1

CROSS SECTIONS (30)

SHEET NO.
56

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

☐ CONST. ALLEY 2



Regular		Exc.		Embankment	
A	V	A	V	A	V

30+50.00

30+00.00

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

☐ CONST. ALLEY 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

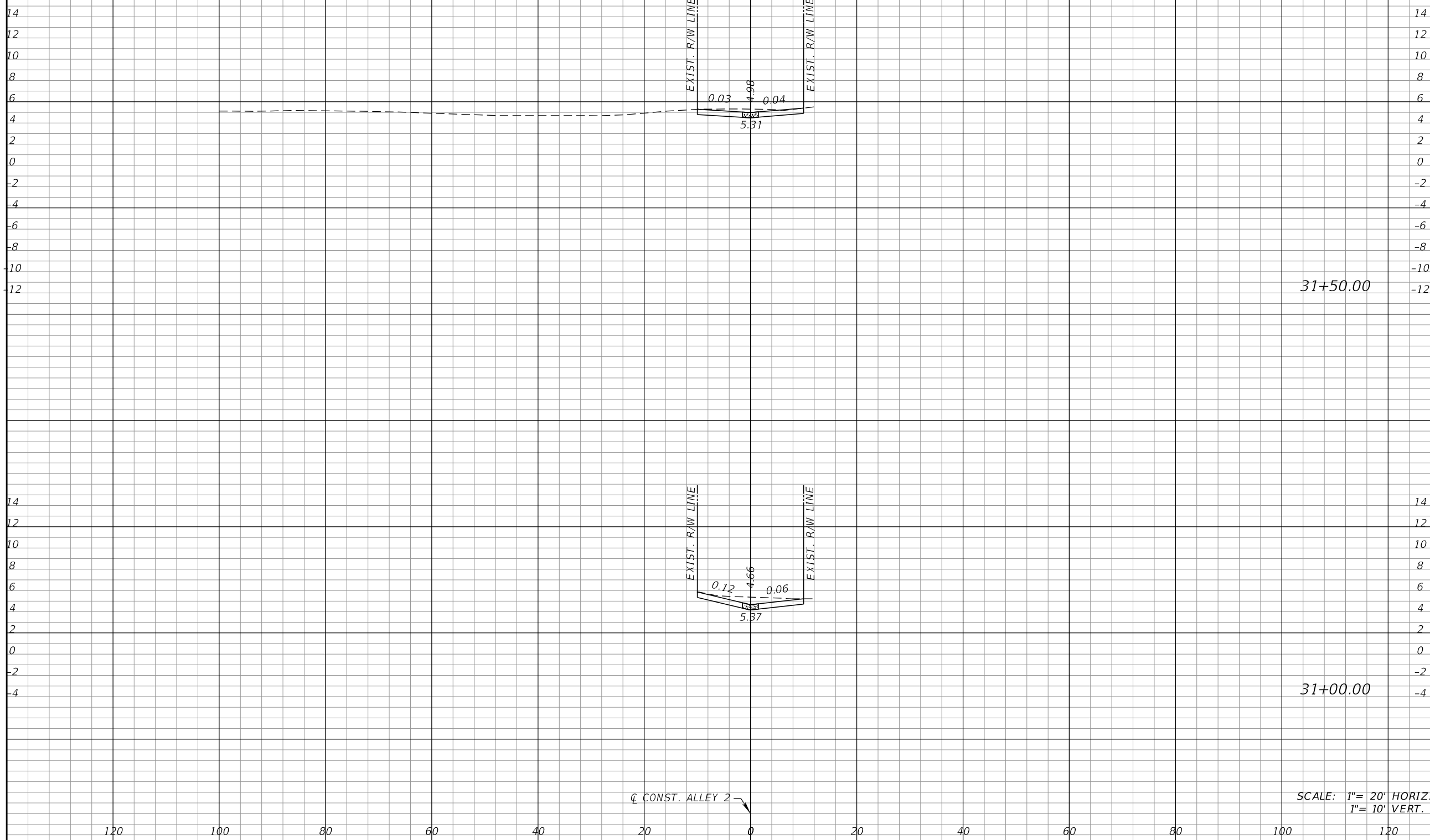
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (31)

SHEET NO.
57

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

☐ CONST. ALLEY 2



31+50.00

31+00.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
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13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

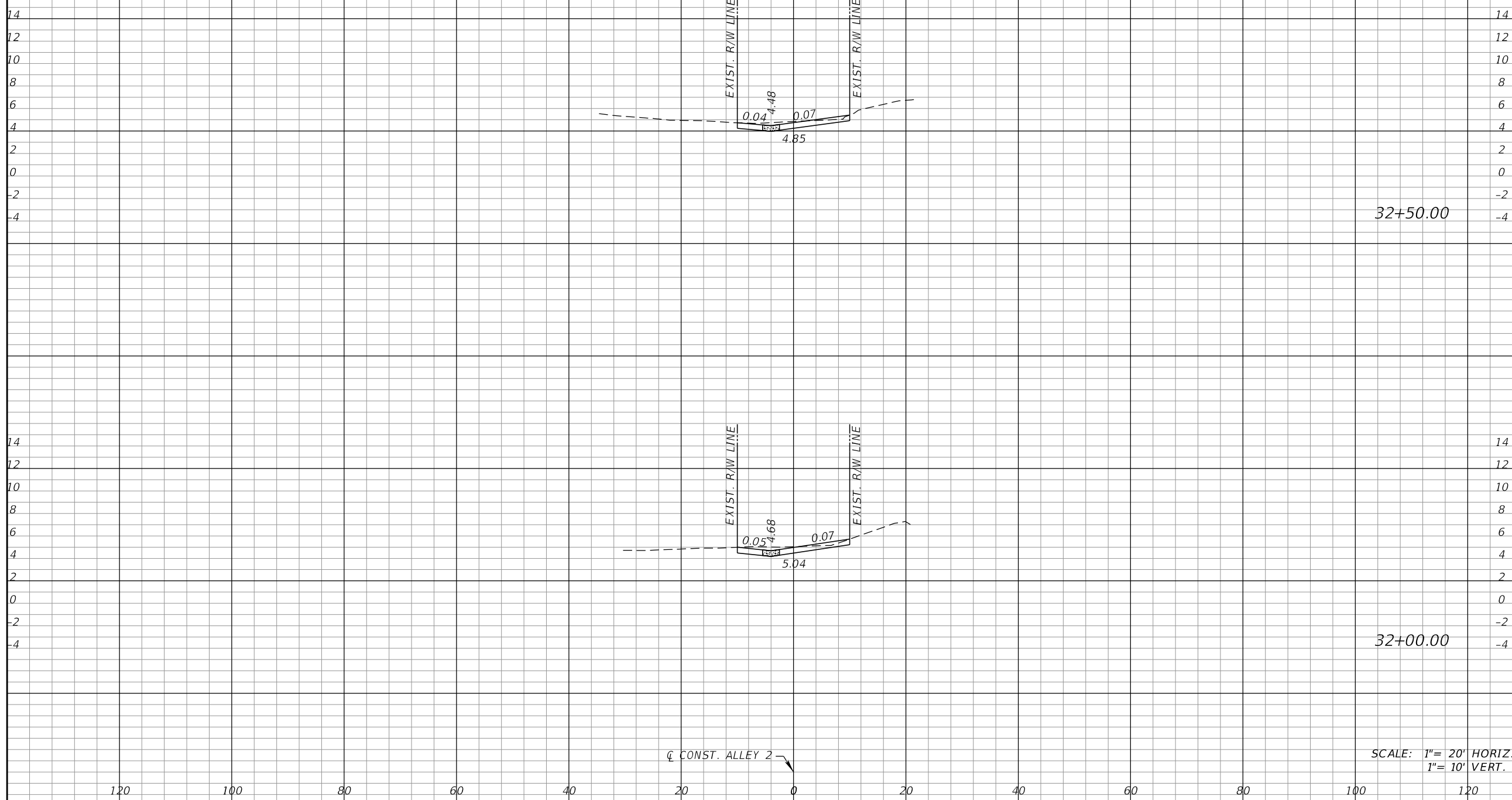
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (32)

SHEET NO.
58

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

☐ CONST. ALLEY 2



32+50.00

32+00.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

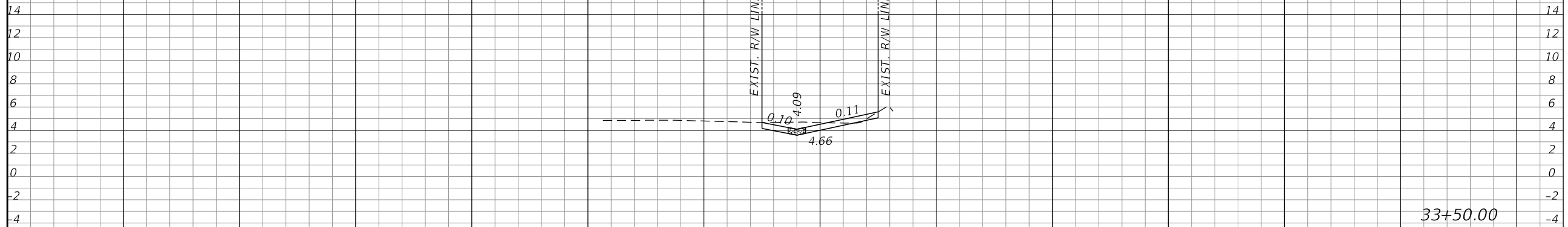
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (33)

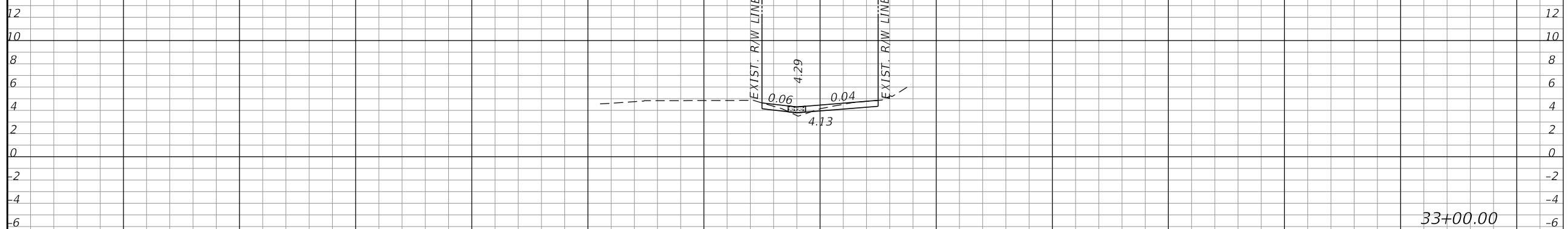
SHEET NO.
59

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

☐ CONST. ALLEY 2 ↗



33+50.00



33+00.00

☐ CONST. ALLEY 2 ↗

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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13461 Parker Commons Blvd, Suite 104
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Engineer of Record: Courtney J. Richards
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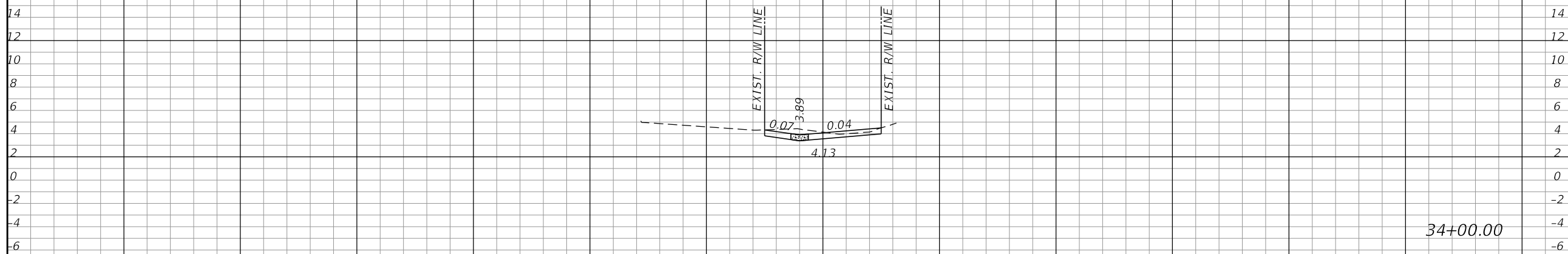
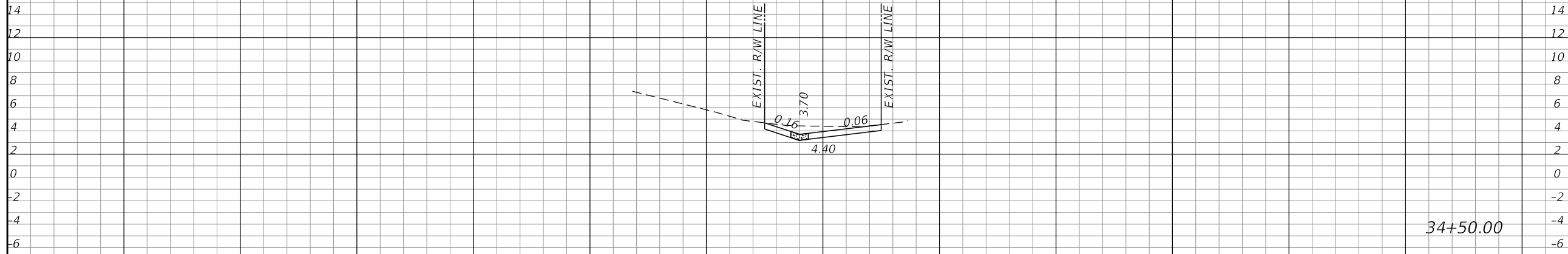
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (34)

SHEET NO.
60

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

☐ CONST. ALLEY 2



☐ CONST. ALLEY 2

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

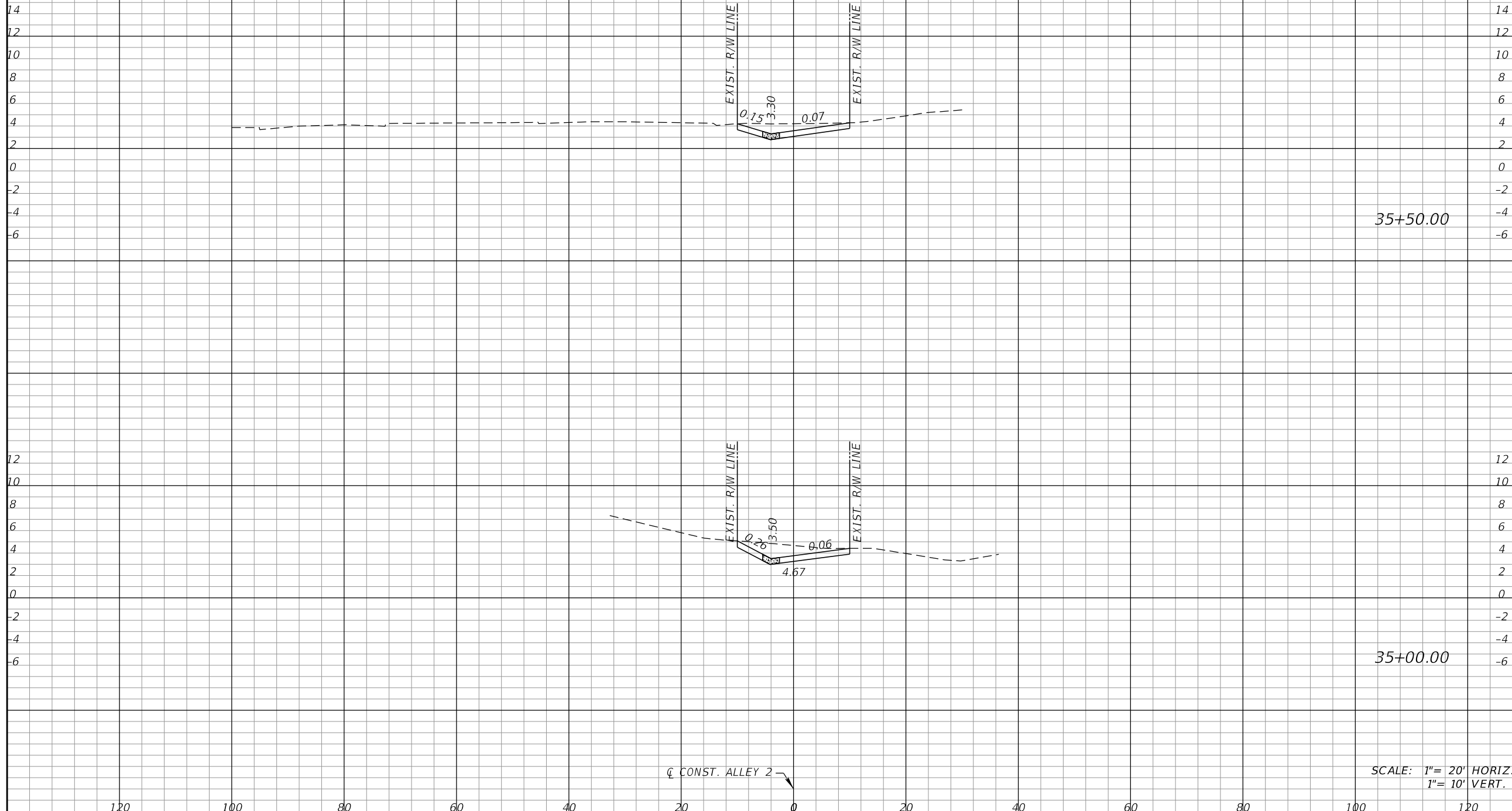
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (35)

SHEET NO.
61

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

☐ CONST. ALLEY 2



35+50.00

35+00.00

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

Regular Exc.		Embankment	
A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

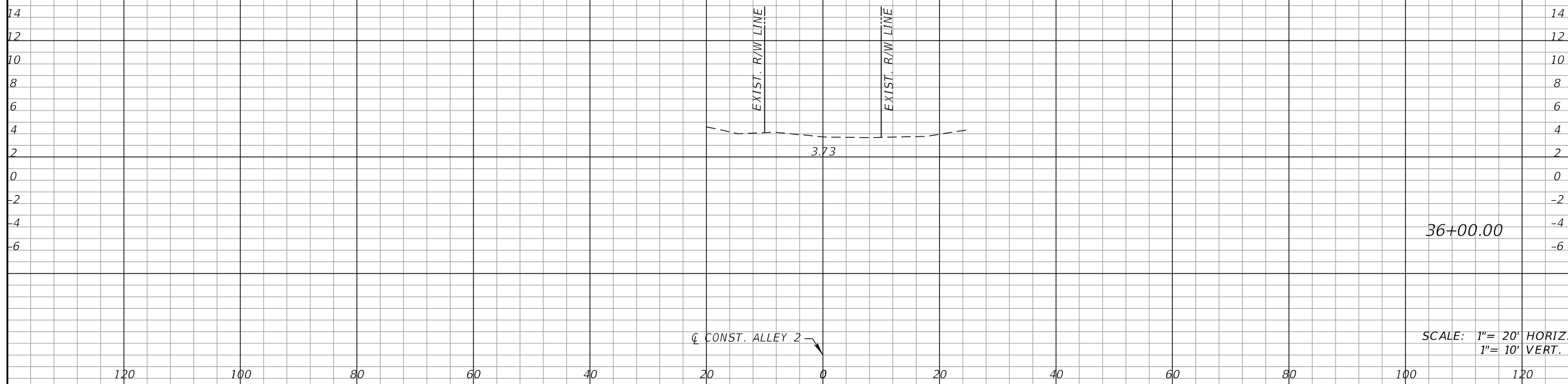
CROSS SECTIONS (36)

SHEET NO.
62

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

☐ CONST. ALLEY 2 ↗

Regular Exc.		Embankment	
A	V	A	V



☐ CONST. ALLEY 2 ↗

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

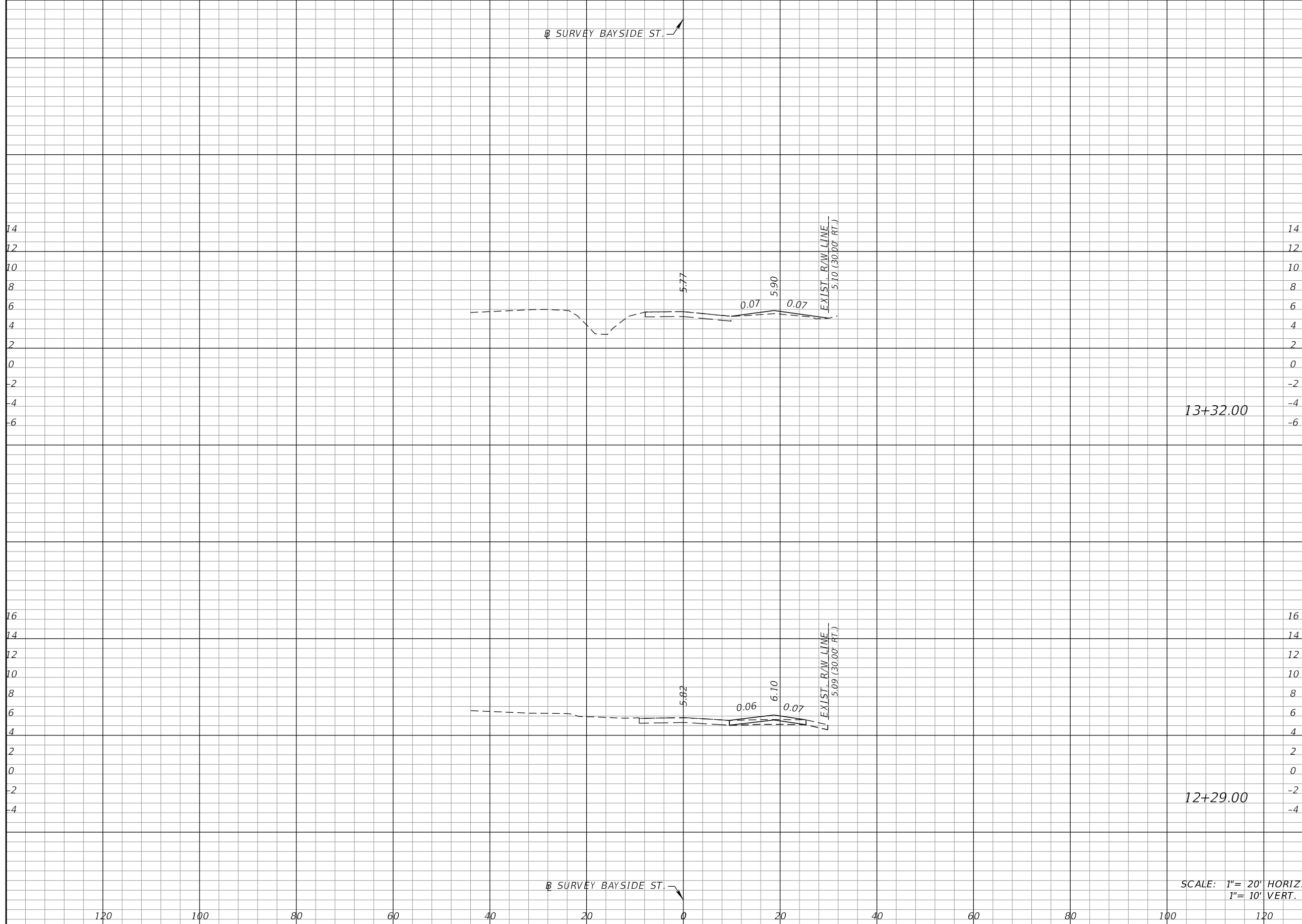
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
ALLEY 2	COLLIER	50203.3.1.1

CROSS SECTIONS (37)

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.

Ⓟ SURVEY BAYSIDE ST.



13+32.00

12+29.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

Ⓟ SURVEY BAYSIDE ST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

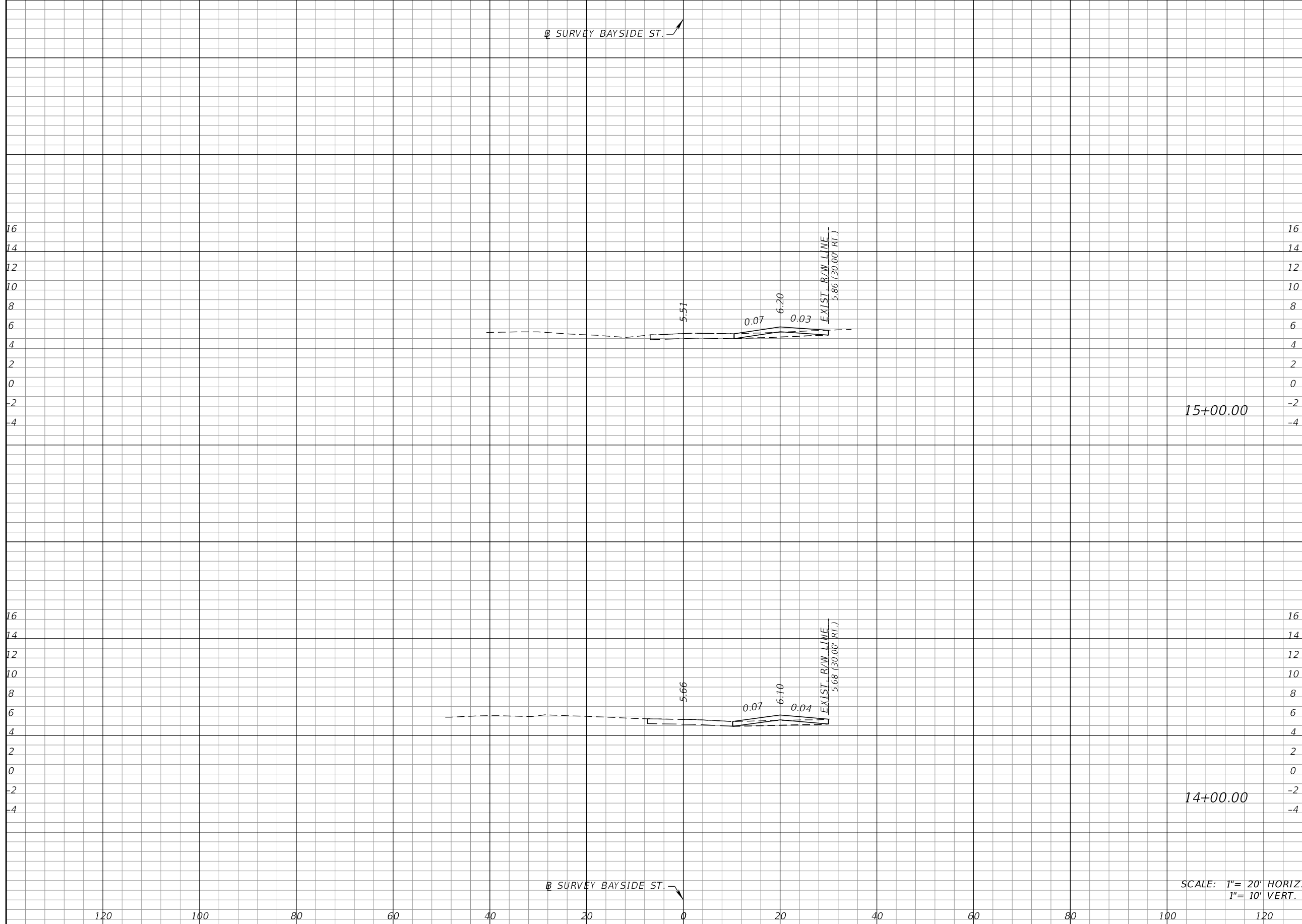
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (1)

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.

Ⓟ SURVEY BAYSIDE ST.



Regular		Exc.		Embankment	
A	V	A	V	A	V

15+00.00

14+00.00

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

Ⓟ SURVEY BAYSIDE ST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

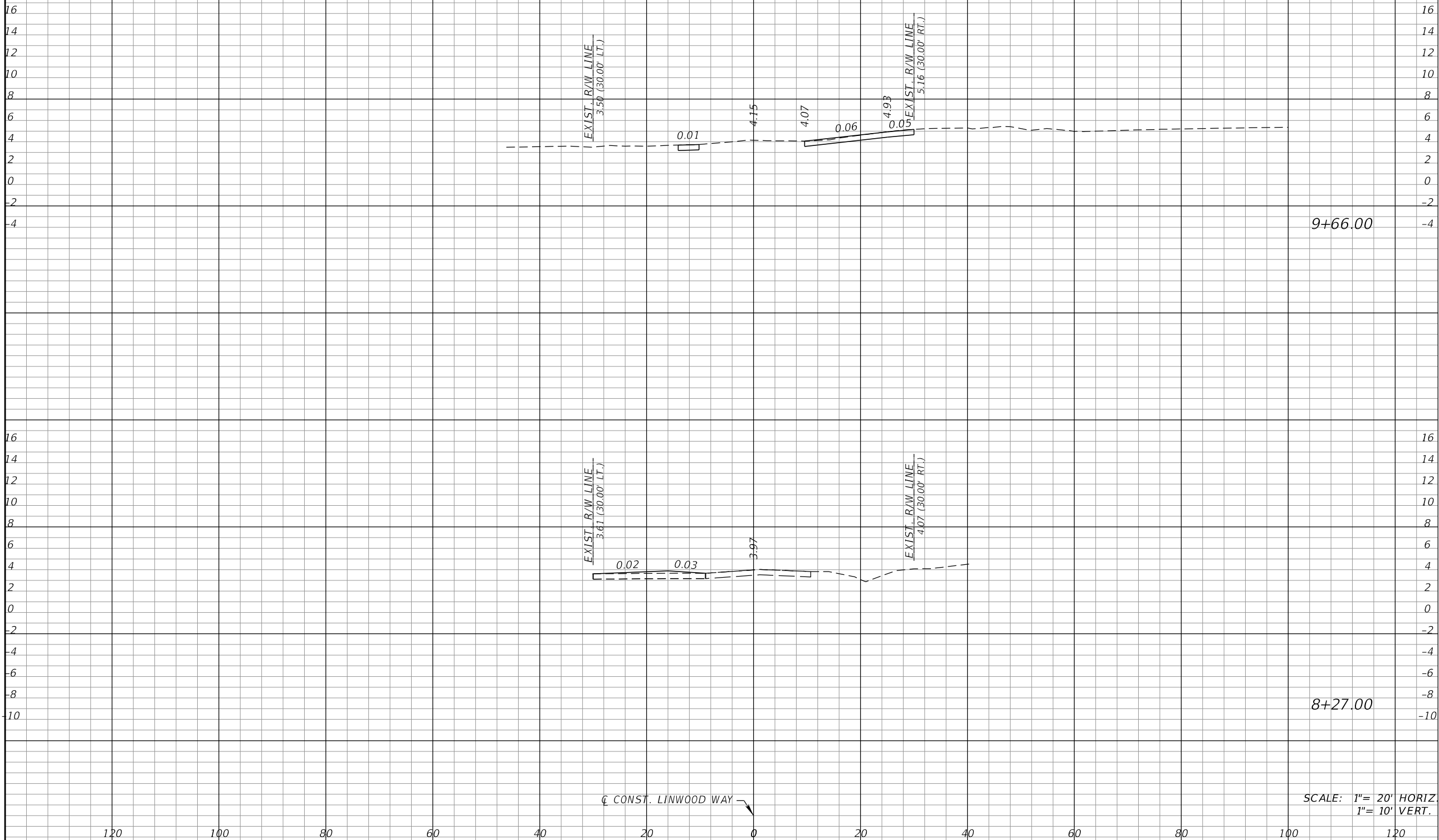
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
BAYSIDE ST.	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (2)

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.

☉ CONST. LINWOOD WAY ↗



9+66.00

8+27.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

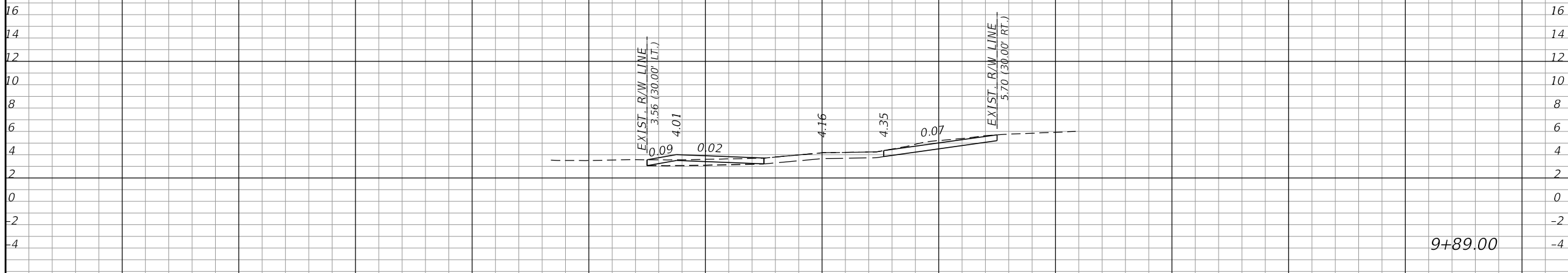
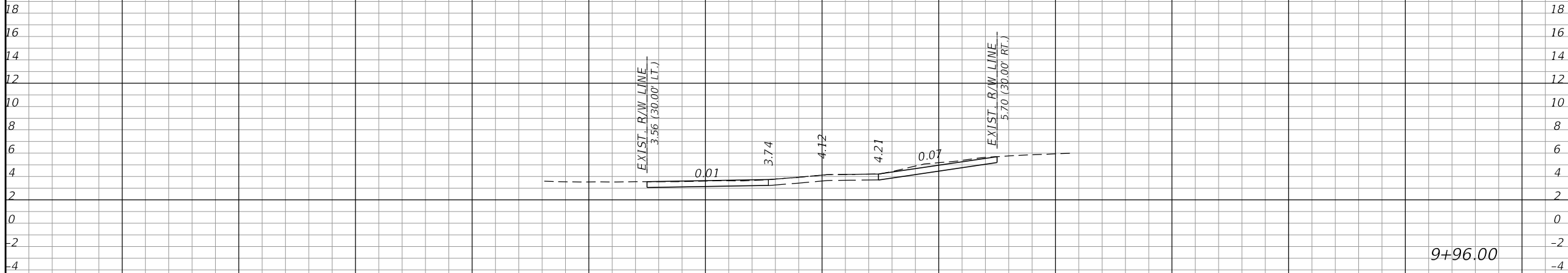
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (3)

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.

☉ CONST. LINWOOD WAY ↗



☉ CONST. LINWOOD WAY ↘

9+96.00

9+89.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

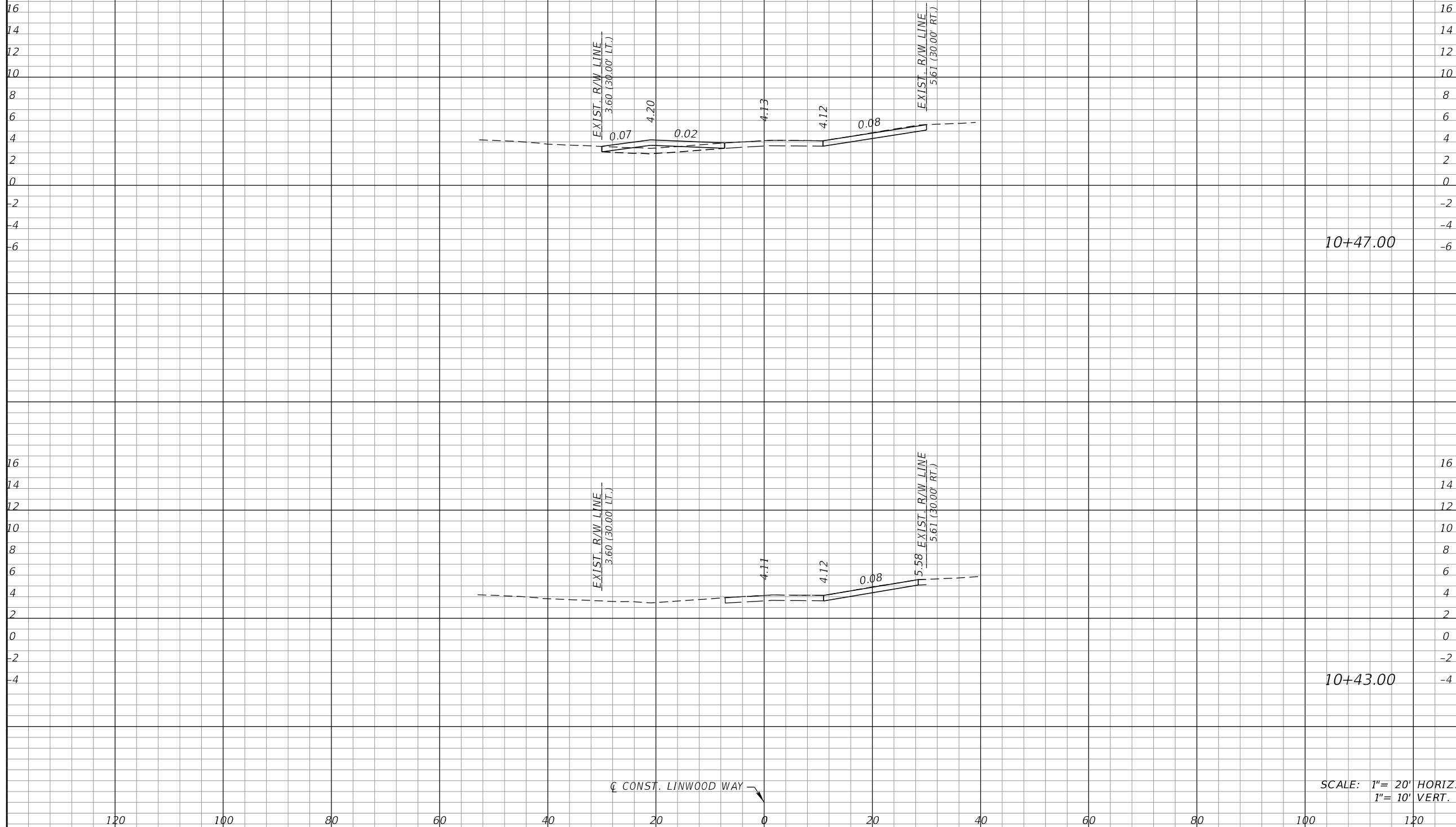
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (4)

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.

CL CONST. LINWOOD WAY



10+47.00

10+43.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

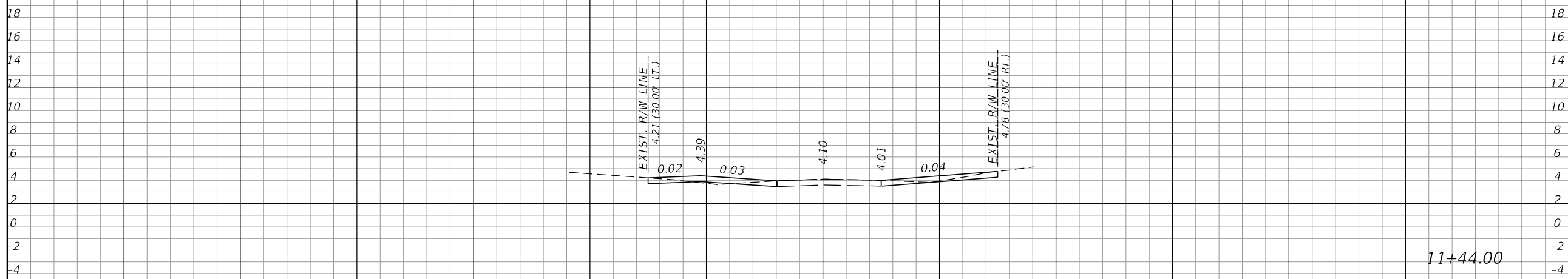
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (5)

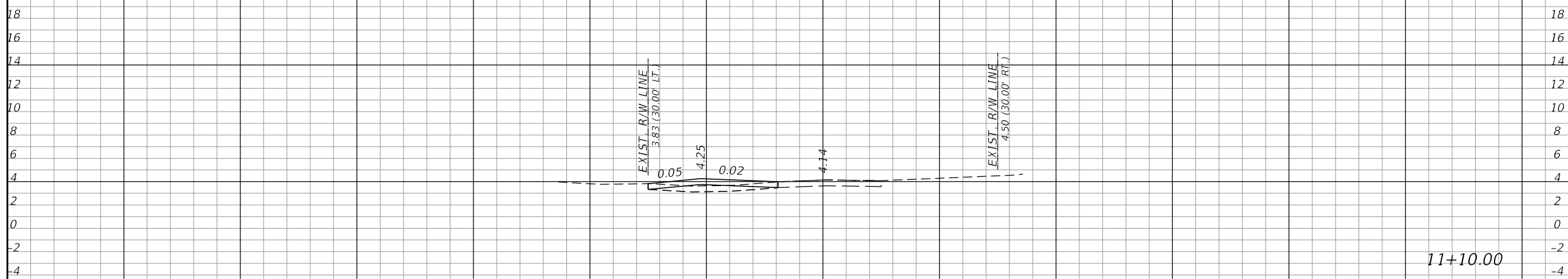
SHEET NO.
68

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

CONST. LINWOOD WAY



11+44.00



11+10.00

CONST. LINWOOD WAY

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

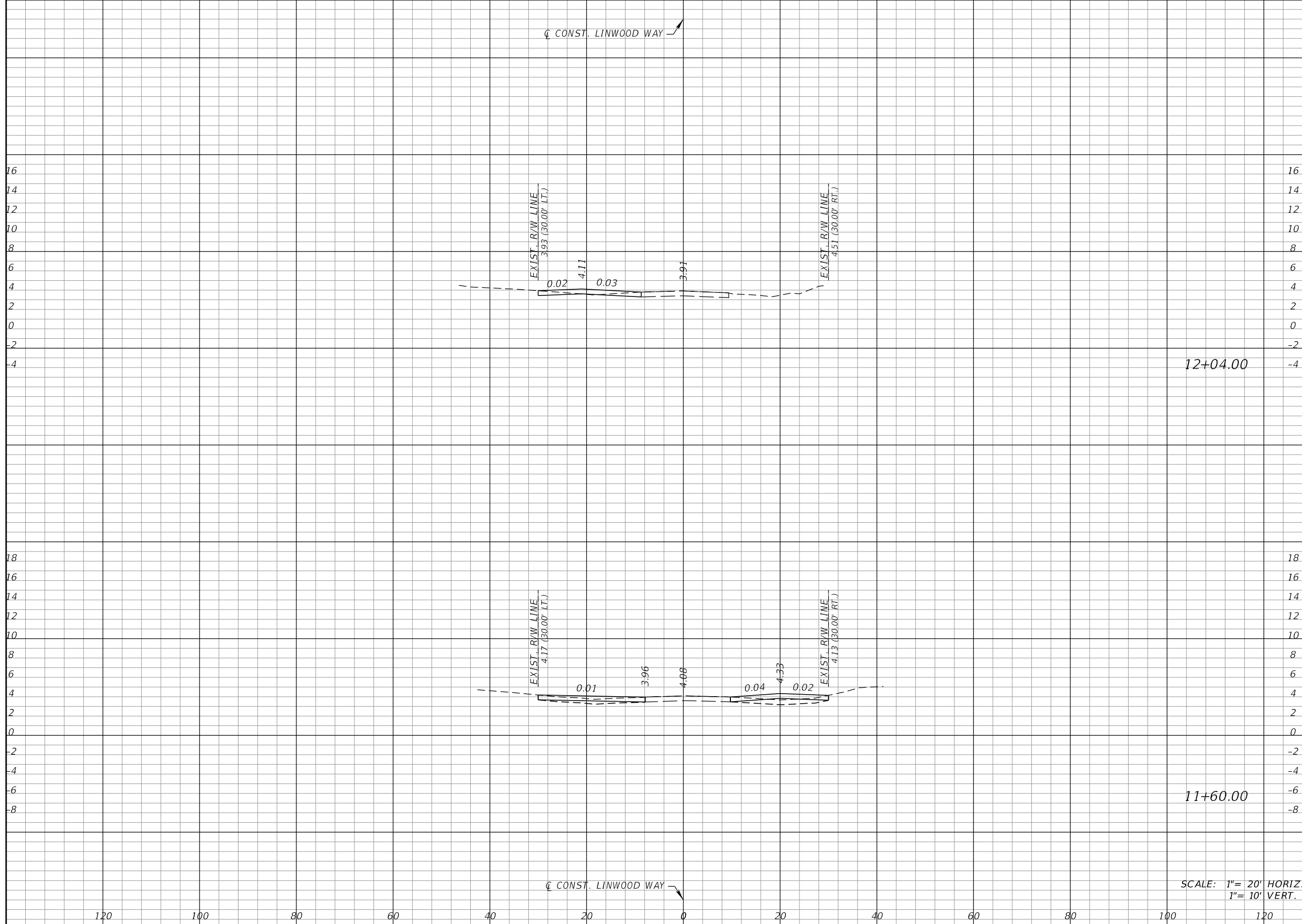
13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (6)

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.



Regular		Exc.		Embankment	
A	V	A	V	A	V

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
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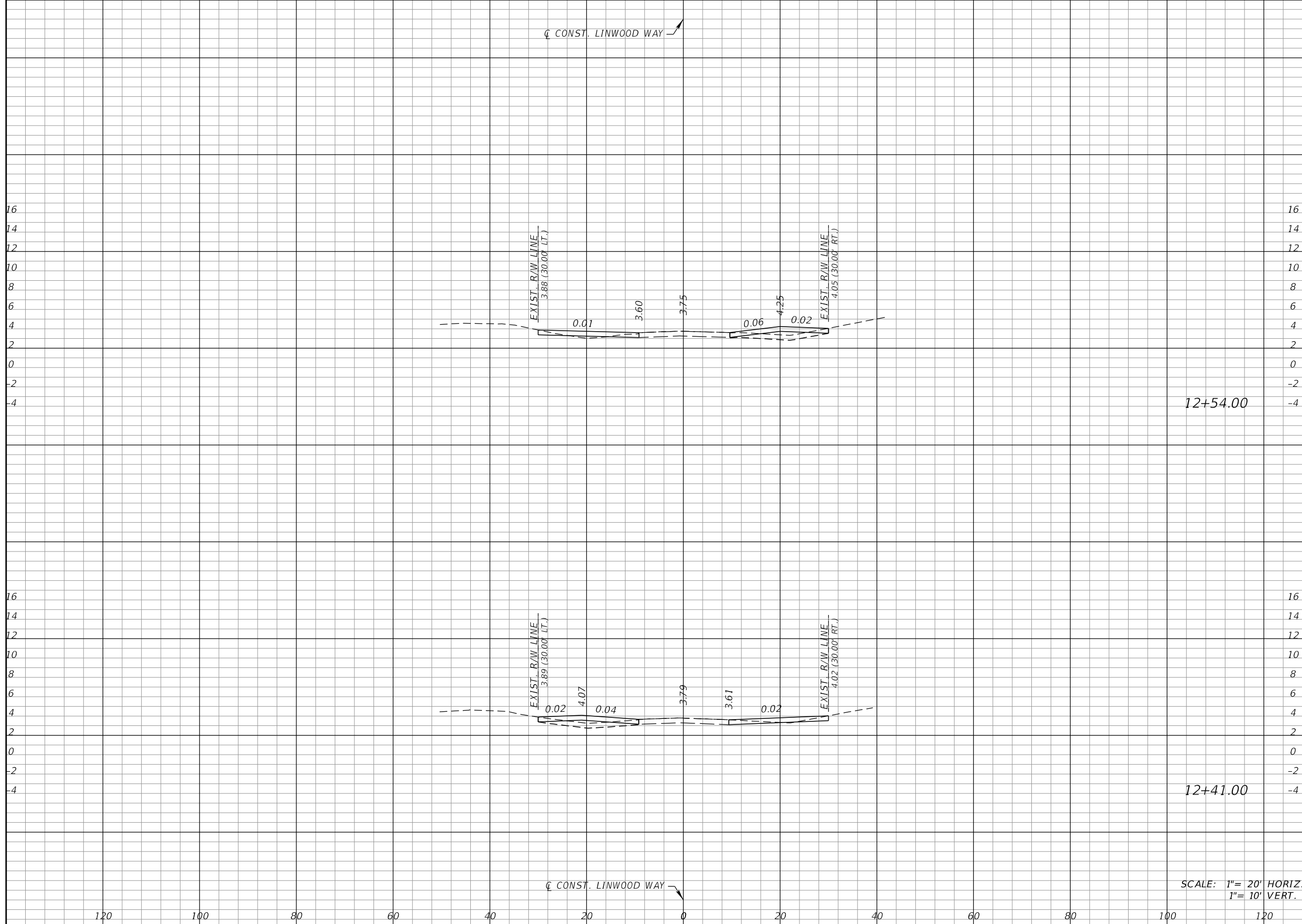
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (7)

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.

☉ CONST. LINWOOD WAY ↗



12+54.00

12+41.00

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

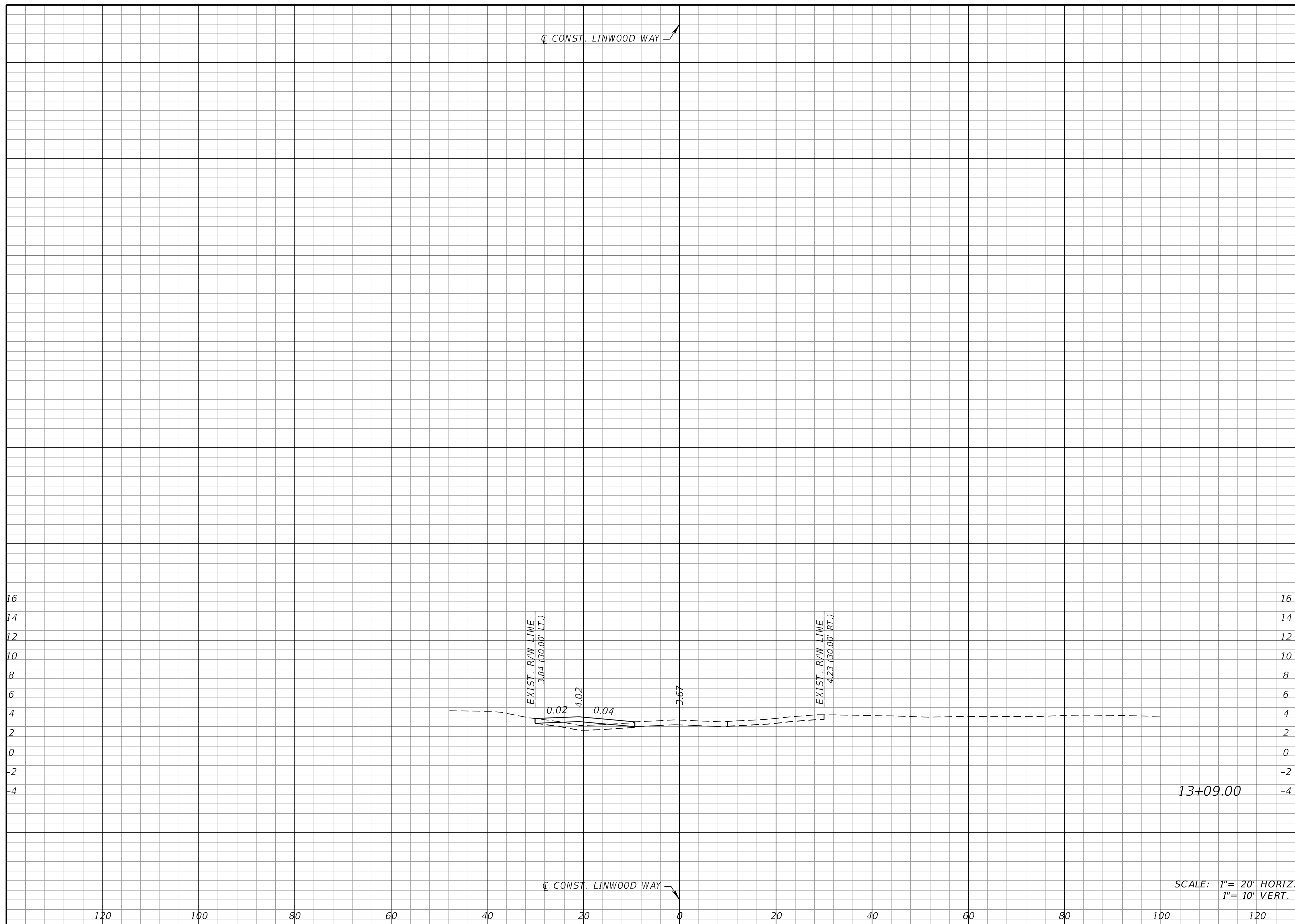
COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (8)

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.

CL CONST. LINWOOD WAY



CL CONST. LINWOOD WAY

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

Regular		Exc.		Embankment	
A	V	A	V	A	V

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KCA
KISINGER CAMPO & ASSOCIATES

13461 Parker Commons Blvd, Suite 104
Fort Myers, Florida 33912
Engineer of Record: Courtney J. Richards
P.E. No.: 93234

COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT		
ROAD NAME	COUNTY	FINANCIAL PROJECT ID
LINWOOD WAY	COLLIER	50203.3.1.1

DRIVEWAY SECTIONS (9)

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.

STORM WATER POLLUTION PREVENTION PLAN
 CRA GATEWAY TRIANGLE LINWOOD WAY & BAYSIDE ST. STORMWATER IMPROVEMENTS
 COLLIER COUNTY

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

COLLIER COUNTY IS PROPOSING ROADWAY IMPROVEMENTS ALONG BAYSIDE ST. AND LINWOOD WAY IN THE GATEWAY TRIANGLE CRA. IN ADDITION, WE WILL BE RECONSTRUCTING TWO ALLEY WAYS AND INSTALLING CONVEYANCE SYSTEMS TO IMPROVE THE DRAINAGE WITHIN THESE LOCATIONS.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS BEFORE CLEARING AND GRUBBING.

REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

- (A) CLEARING AND GRUBBING, EARTHWORK.
- (B) STORM DRAIN AND BRIDGE CONSTRUCTION.
- (C) EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY SHOULDER, SUBGRADE, BASE, PAVEMENT, SIDEWALK, DITCHES AND SIDEDRAINS.

(3) GENERAL NOTES:

- (A) ALL EROSION & SEDIMENT CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO BEGINNING WORK, OR AS A FIRST STEP IN CONSTRUCTION.
- (B) INSTALL EROSION & SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION & SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
- (C) PROVIDE SEDIMENT BARRIERS WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION & SEDIMENT CONTROL PLAN FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.
- (D) PROVIDE INLET PROTECTION SYSTEM TO PROTECT DITCH BOTTOM INLETS.
- (E) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE BUT, IN NO CASE SHALL MORE THAN 7 DAYS PASS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.
- (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 ALL UPSTREAM AREAS ARE FULLY STABILIZED & PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 10.2 ACRES.
 THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 10.2 ACRES.

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

RUNOFF COEFFICIENT FOR: GRASSED AREAS ADJACENT TO ROADWAY: C=0.25
 IMPERVIOUS ROADWAYS & PAVED SHOULDER: C=0.95
 DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.40

WEIGHTED RUNOFF COEFFICIENT:
 BEFORE: Cw (B) = 0.45 DURING: Cw (D) = 0.38 AFTER: Cw (A) = 0.55

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:
 THE SOIL WITHIN THE PROJECT VARIES, SEE LIST BELOW.

SOIL TYPE	HYDROLOGIC SOIL GROUP	DEPTH TO SHGWT
32 - URBAN LAND	UNRANKED	UNKOWN
118 - IMMOKALEE - OLDSMAR, LIMESTONE SUBSTRATUM URBAN LAND ASSOCIATION	B/D	0.5' - 1.5'

(7) SITE MAP:

- (A) SITE MAP: THE KEY SHEET OF THE CONSTRUCTION PLANS IS USED AS THE SITE MAP.
- (B) DRAINAGE PATTERNS: DRAINAGE PATTERNS ARE SHOWN IN THE DRAINAGE MAPS OF THE CONSTRUCTION PLANS.
- (C) AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED IN THE CONSTRUCTION PLANS.
- (D) LOCATIONS OF THE CONTROLS: THE LOCATIONS OF THE CONTROLS ARE LISTED IN THE CONSTRUCTION PLANS.
- (E) AREAS TO BE STABILIZED: PERMANENT STABILIZATION PRACTICES ARE SHOWN IN THE CONSTRUCTION PLANS.
- (F) WETLANDS: NONE

(8) RECEIVING WATERS:


BAYSIDE ST. RUNOFF IS GENERALLY CONVEYED SOUTH TO US 41 VIA ROADSIDE SWALES ULTIMATELY FLOWING TO HALDEMAN CREEK. RUNOFF FROM LINWOOD WAY IS GENERALLY CONVEYED EAST TO THE STORMWATER POND ULTIMATELY FLOWING TO NAPLES BAY.

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

- (A) PRESENTLY, EXISTING DRAINAGE FLOWS ARE TYPICALLY CONVEYED VIA ROADSIDE SWALES & STORMWATER PIPES WHICH ULTIMATELY FLOW TO THE HALDEMAN CREEK OR THE NAPLES BAY OVERALL DRAINAGE PATTERNS WILL BE MAINTAINED.
- (B) TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

(10) OUTFALL LOCATIONS: (TEMPORARY & PERMANENT)

OUTFALL IDENTIFICATION	STRUCTURE #	PIPE SIZE	LATITUDE / LONGITUDE	ULTIMATE RECEIVING WATER
OUTFALL 1	EX-100	24"	26° 14' 47"/ 81° 34' 28"	HALDEMAN CREEK
OUTFALL 2	EX-200	18"	26° 14' 48"/ 81° 34' 28"	NAPLES BAY
OUTFALL 3	EX-202	18"	26° 14' 47"/ 81° 34' 28"	NAPLES BAY
OUTFALL 4	S-311	24"	26° 14' 48"/ 81° 34' 28"	NAPLES BAY
OUTFALL 5	EX-214	15"	26° 14' 53"/ 81° 34' 28"	NAPLES BAY
OUTFALL 6	S-313	24"	26° 14' 53"/ 81° 34' 28"	NAPLES BAY

REVISIONS				 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN (1)	SHEET NO. 73
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	FINANCIAL PROJECT ID		
					BAYSIDE ST.	COLLIER	50203.3.1.1		

II. CONTROLS:

SEDIMENT & EROSION CONTROLS

(1) STABILIZATION PRACTICES:

- (A) STABILIZATION MEASURES DIRECTED OFF-SITE. PARTICULAR CARE WILL BE USED WHEN THERE ARE WETLANDS OR WATERS OF THE U.S. ARE INVOLVED. SEDIMENT BARRIERS SHOULD BE USED AROUND THE PERIMETER OF STOCKPILE AREAS. SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING & USING VEGETATION, APPLYING MULCHES, SODS, SEEDING, BMP'S & THE USE OF ROLLED EROSION CONTROL PRODUCTS. WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SIDE SLOPES WILL BE STABILIZED WITH PERFORMANCE SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION & SEDIMENT CONTROL DESIGNER & REVIEW MANUAL (E&SC MANUAL).
- (B) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN SEVEN (7) DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.
- (C) ALL EROSION CONTROL DEVICES WILL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS & THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN.
- (D) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION & SEDIMENT CONTROL DURING CONSTRUCTION WILL BE REMOVED AT THE COMPLETION OF THE PROJECT & FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.
- (E) SEDIMENT BARRIERS WILL BE USED ALONG THE LENGTH OF THE PROJECT WHERE THE GROUND SLOPES AWAY FROM THE RIGHT-OF-WAY OR WHERE THERE IS POTENTIAL FOR SEDIMENT TO BE DIRECTED OFFSITE.
- (F) SPACING OF SEDIMENT BARRIERS USED AS DITCH OR SWALE CHECKS/DAMS WILL BE BASED UPON THE HEIGHT OF THE BARRIER & THE SLOPE OF THE DITCH OR SWALE.

(2) STRUCTURAL PRACTICES FOR EROSION & SEDIMENT CONTROL:

(A) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)

PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.

- (1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES. COULD INCLUDE NATURAL OR SYNTHETIC FIBER MATS, PLASTIC SHEETING OR NETS.
- (2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED. COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR IN DITCHES.
- (3) USED TO STABILIZE DRAINAGE CHANNELS. CONSULT E&SC MANUAL TO DETERMINE THE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.

(B) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP'S)

PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.

- (1) THESE CONSTRUCTION BMP'S CAN INCLUDE SYNTHETIC BALES, STAKED SEDIMENT BARRIER, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.
- (2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET & RILL EROSION, BELOW THE TOE OF EXPOSED & ERODIBLE SLOPES, ALONG THE TOE OF STREAM & CHANNEL BANKS, AROUND DRAINS & INLETS LOCATED IN LOWPOINTS.
- (3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

(C) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

- (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME & FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB & GUTTER SEDIMENT CONTAINMENT SYSTEM.
- (2) ARE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING & ONLY WHERE SUMP CONDITIONS EXIST.
- (3) ARE NOT BE USED WHEN CONSTRUCTION IS COMPLETE & SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCROACH INTO THE TRAVEL LANES.

(D) SOIL TRACKING PREVENTION DEVICE

PURPOSE: TEMPORARY STRUCTURES TO ASSIST WITH THE REMOVAL OF SOIL MATERIAL CAPTURED ON VEHICLE TIRES BEFORE THE VEHICLES ENTER THE ROADWAY.

- (1) USE ONE DEVICE PER MILE WITH A MINIMUM OF ONE (1) FOR THIS PROJECT.
- (2) USE ADDITIONAL DEVICES FOR CONSTRUCTION AREAS THAT ARE NOT ADJACENT TO THE ROAD RIGHT OF WAY AND NO ACCESS IS PROVIDED THROUGH A SOIL TRACKING PREVENTION DEVICE.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL:

- (A) PROVIDE LITTER CONTROL & COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (B) ALL FERTILIZER & CHEMICAL CONTAINERS WILL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (C) NO SOLID MATERIALS, INCLUDING BUILDING & CONSTRUCTION MATERIALS, WILL 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 & FEDERAL REGULATIONS:

THIS PROJECT WILL REQUIRE AN ENVIRONMENTAL RESOURCE PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD).

(4) NON-STORMWATER (INCLUDING SPILL REPORTING):

PROVIDE THE COUNTY WITH AN EROSION & SEDIMENT CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, & RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES & CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (FUEL, LUBRICANTS, HERBICIDES, ETC.) FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS.

IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE ENGINEER AND COLLIER COUNTY.

REVISIONS				 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN (2)	SHEET NO. 74
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IV. MAINTENANCE:

PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING.

- * SEDIMENT BARRIER - SILT FENCE: THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.
- * SEDIMENT BARRIER - SYNTHETIC BALES: REMOVE SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF SEDIMENT BARRIER OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS. REPLACE WHEN APPROPRIATE.
- * SEDIMENT CONTAINMENT SYSTEM CLEAN OUT SHALL INCLUDE REMOVAL OF SEDIMENT.

V. INSPECTION:

CONTRACTOR'S CERTIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER AND SUBMIT THE FORM TO THE ENGINEER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS WILL BE CONDUCTED AT LEAST ONCE EVERY MONTH. ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.


- * POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4'S).
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROLS.
- * STORMWATER MANAGEMENT SYSTEMS.
- * LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

VI. TRACKING & REPORTING:

- (1) SUBMIT A WEEKLY REPORT TO THE COUNTY DOCUMENTING THE DAILY INSPECTIONS & MAINTENANCE OR REPAIRS TO THE EROSION & SEDIMENT CONTROL DEVICES. MAINTAIN ALL REQUIRED REPORTS & COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE & REPAIRS REQUIRED FOR THE CONTROL & ABATEMENT OF EROSION & WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION & SEDIMENT CONTROL DEVICES.
- (3) USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03, FOR WEEKLY INSPECTIONS OR FOR INSPECTION AFTER A RAINFALL EVENT OF 0.5 INCHES OR MORE.

REVISIONS				 KISINGER CAMPO & ASSOCIATES 13461 Parker Commons Blvd, Suite 104 Fort Myers, Florida 33912 Engineer of Record: Courtney J. Richards P.E. No.: 93234	COLLIER COUNTY GROWTH MANAGEMENT DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN (3)	SHEET NO.
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