

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA

-FOR-

FLORIDA POWER AND LIGHT

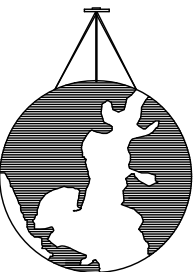
JUNE 2, 2010

COMMISSION NUMBER: 5009.92

PREPARED BY:

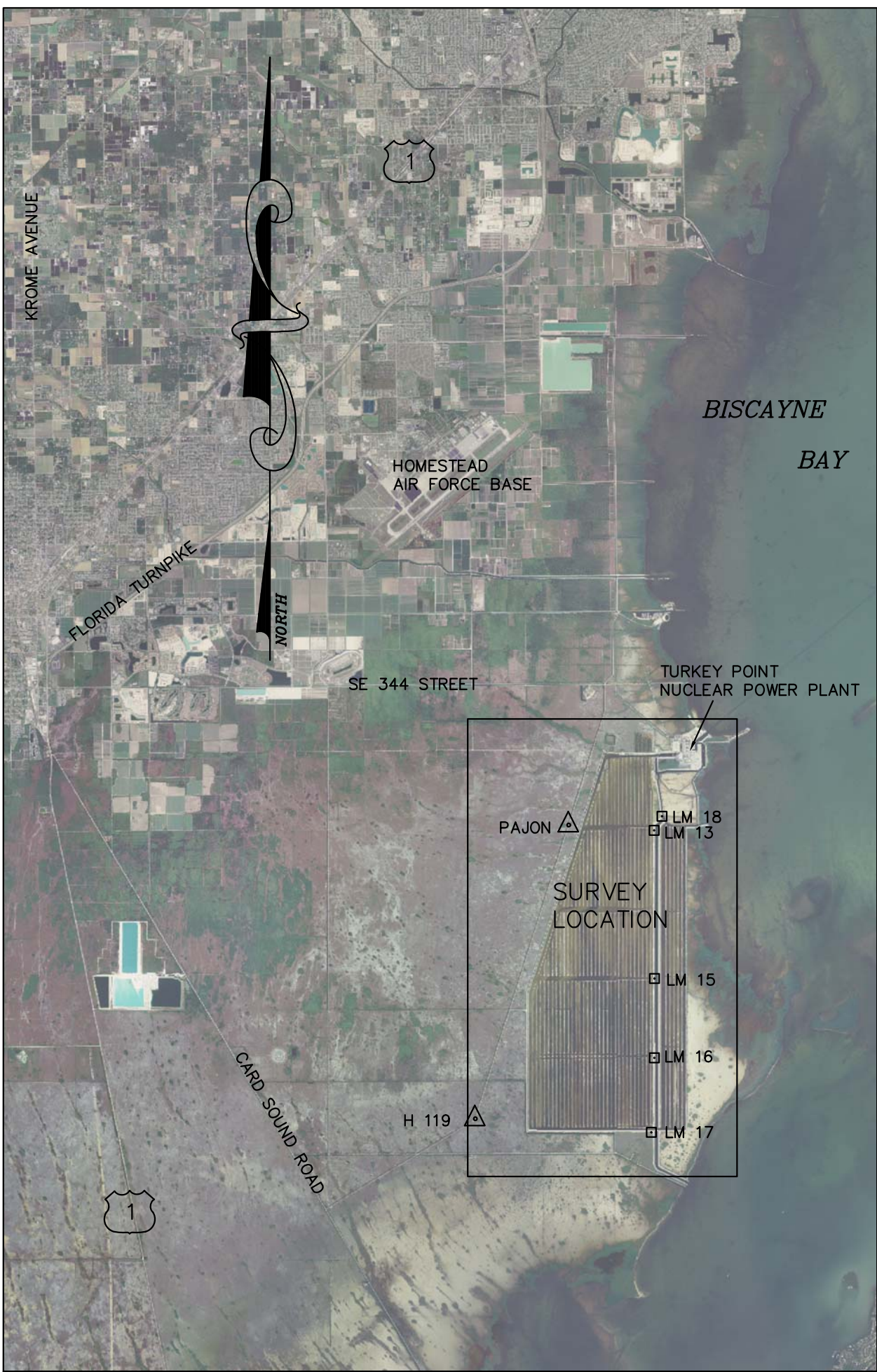
MORGAN & EKLUND, INC.

PROFESSIONAL SURVEY CONSULTANTS



8745 US HIGHWAY #1  
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SUITE 110  
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LOCATION MAP  
1" INCH = 10,000 FEET



SURVEY NOTES:

- GRID COORDINATES SHOWN ARE IN FEET, AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, NGS ADJUSTMENT OF 1990 (NAD 83/90).
- GRID COORDINATES ARE BASED ON CONTROL MONUMENTS AS SHOWN IN THE CONTROL TABLE.
- ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- ELEVATIONS ARE BASED ON CONTROL MONUMENTS AS SHOWN IN THE CONTROL TABLE.
- TOPOGRAPHIC INFORMATION DEPICTED ON THIS SURVEY REPRESENTS THE EXISTING CONDITIONS ON THE DATE OF THE FIELD SURVEY.
- AERIAL IMAGERY WAS TAKEN IN 2006 AND WAS PROVIDED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- AERIAL IMAGERY IS DISPLAYED HEREON FOR INFORMATION PURPOSES ONLY, NO PHOTOGRAPHIC ACCURACY IS IMPLIED BY THIS MAP.
- NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- UNDERGROUND UTILITIES AND IMPROVEMENTS NOT LOCATED.
- SOUNDINGS WERE OBTAINED USING AN ODOM CVM DIGITAL SURVEY ECHO SOUNDER WITH A RESOLUTION 0.1'AND OPERATING AT A FREQUENCY OF 200 kHz.
- HORIZONTAL POSITIONING UTILIZED A TRIMBLE DSM 232 REAL TIME KINEMATIC (RTK) DUAL FREQUENCY GPS RECEIVER WITH REAL TIME CORRECTIONS APPLIED FROM A TRIMBLE 5700 DUAL FREQUENCY BASE STATION OCCUPYING THE CONTROL MONUMENTS AS SHOWN IN THE CONTROL TABLE.
- ADDITIONS OR DELETIONS TO THIS SURVEY MAP ARE PROHIBITED WITHOUT WRITTEN CONSENT.

CONTROL TABULATION

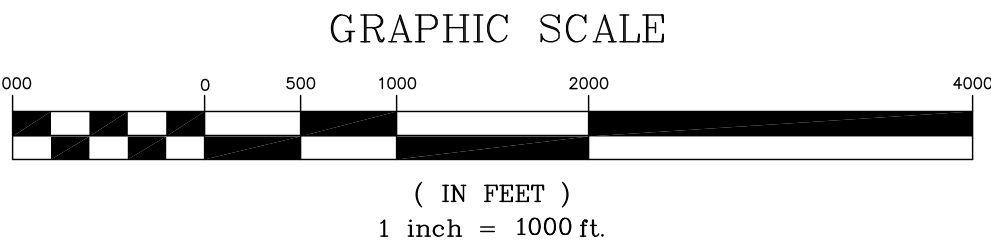
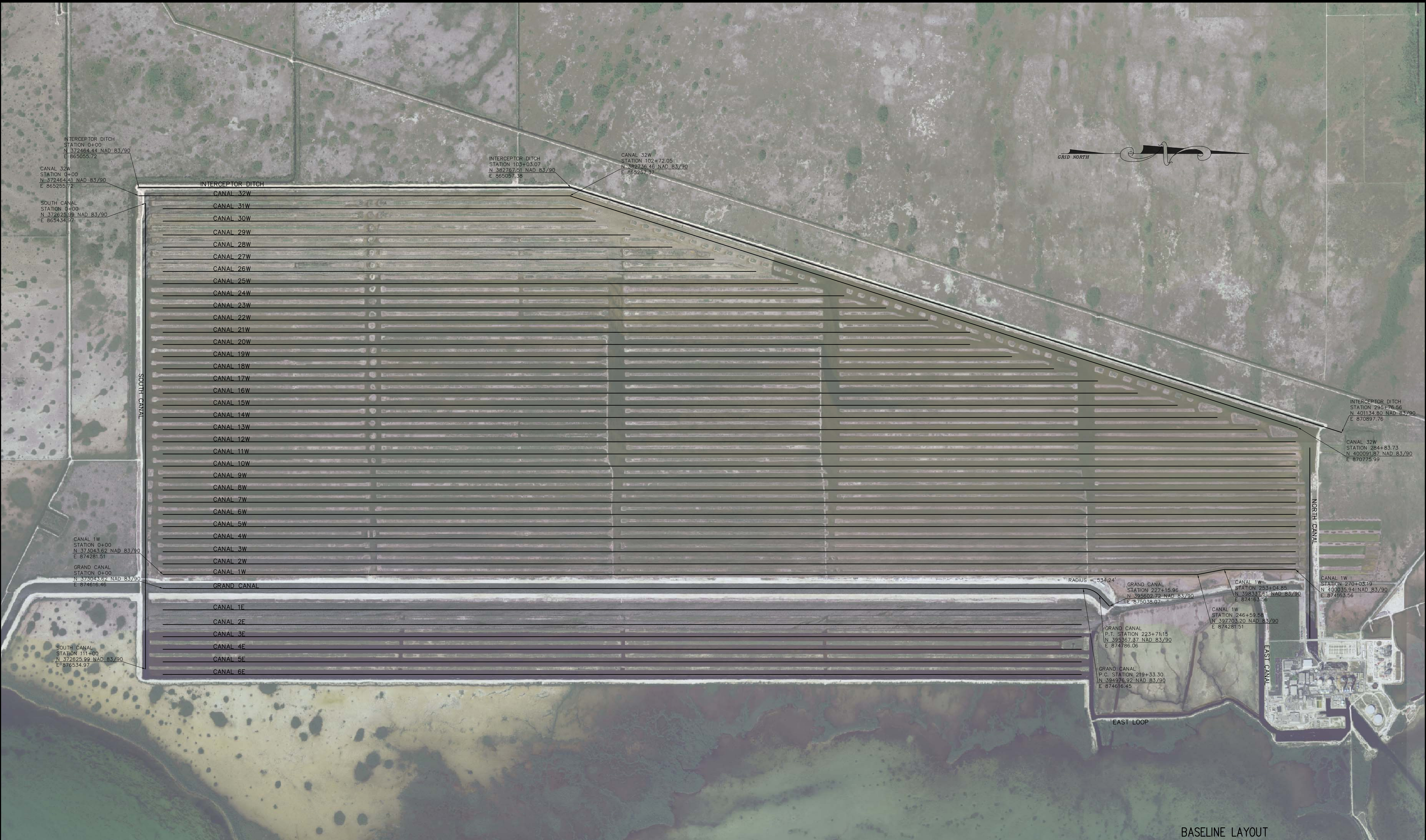
NAD 83/90	SPCS 0901	NAVD 88	US SURVEY FEET
NDRTHING	EASTING	ELEVATION	DESIGNATION
373439.93	861181.98	----	H 119
395272.30	868119.31	----	PAJON
395922.52	875049.87	3.70	LM 18 316 FLPCD
394875.67	874464.82	5.58	LM 13 316 FLPCD
377968.99	874480.05	6.62	LM 16 316 FLPCD
372433.12	874257.73	8.62	LM 17 316 FLPCD
383863.14	874487.73	6.60	LM 15 316 FLPCD

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	BASILINE LAYOUT
4	VOLUME AREAS (REVISED DECEMBER 15, 2011)
5-14	CONTOUR MAPS
15-78	CROSS SECTION VIEWS

FIELD BOOKS: DADE COUNTY BOOKS 59-63  
TURKEY POINT BOOKS 1-4





SEE SHEET 1 FOR NOTES



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LB # 4298

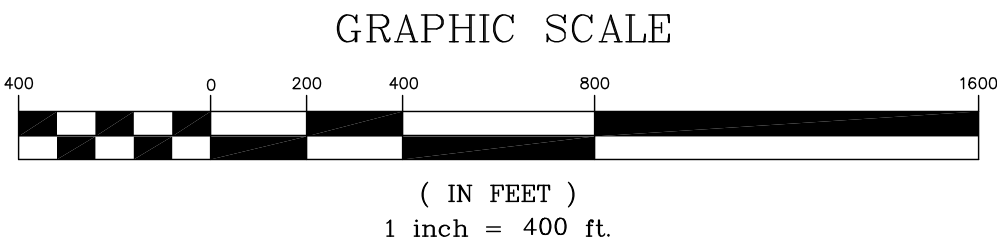
CERTIFICATE OF SURVEYOR — I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.  
  
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

BASELINE LAYOUT					COMMISSION NO.
TOPOGRAPHIC & BATHYMETRIC SURVEY					5009.92
TURKEY POINT COOLING CANALS					SCALE
MIAMI-DADE COUNTY, FLORIDA					1" = 1,000'
— FOR —					DATE
FLORIDA POWER AND LIGHT					6/14/10
DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY	SHEET 2 OF 78
CAG	JRM	PAGE NO.	COVER	6/2/10	



BASELINE ENDPOINT TABULATION

CANAL	BEGINNING COORDINATES		ENDING COORDINATES	
	NORTHING	EASTING	NORTHING	EASTING
2W	373043.62	874030.37	400035.94	874030.37
3W	373043.62	873740.37	400035.94	873740.37
4W	373043.62	873430.37	400035.94	873430.37
5W	373043.62	873140.37	400035.94	873140.37
6W	373043.62	872850.37	400035.94	872850.37
7W	373043.62	872560.37	400035.94	872560.37
8W	373043.62	872270.37	400035.94	872270.37
9W	373043.62	871980.37	400035.94	871980.37
10W	373043.62	871700.37	400035.94	871700.37
11W	373043.62	871410.37	400035.94	871410.37
12W	373043.62	871120.37	400035.94	871120.37
13W	373043.62	870830.37	399120.78	870830.37
14W	373043.62	870540.37	398170.78	870540.37
15W	373043.62	870250.37	397220.78	870250.37
16W	373043.62	869960.37	396270.78	869960.37
17W	373043.62	869670.37	395320.78	869670.37
18W	373043.62	869380.37	394273.03	869380.37
19W	373043.62	869090.37	393273.03	869090.37
20W	373043.62	868800.37	392273.03	868800.37
21W	373043.62	868510.37	392273.03	868510.37
22W	373043.62	868220.37	391273.03	868220.37
23W	373043.62	867930.37	390273.03	867930.37
24W	373043.62	867640.37	389273.03	867640.37
25W	373043.62	867350.37	388176.03	867350.37
26W	373043.62	867060.37	387176.03	867060.37
27W	373043.62	866770.37	386176.03	866770.37
28W	373043.62	866480.37	385176.03	866480.37
29W	373043.62	866190.37	384176.03	866190.37
30W	373043.62	865859.92	383353.60	865861.58
31W	373043.62	865563.82	383013.33	865565.42
1E	373043.62	875125.20	394932.84	875125.20
2E	373043.62	875475.20	394932.84	875475.20
3E	373043.62	875765.20	394932.84	875765.20
4E	373043.62	876065.20	394932.84	876065.20
5E	373043.62	876365.20	394932.84	876365.20
6E	373043.62	876665.20	394932.84	876665.20



SEE SHEET 1 FOR NOTES



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LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

BASELINE LAYOUT

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

CHECKED BY  
JRM

FIELD BOOK  
PAGE NO.

SEE  
COVER

DATE OF SURVEY  
6/2/10

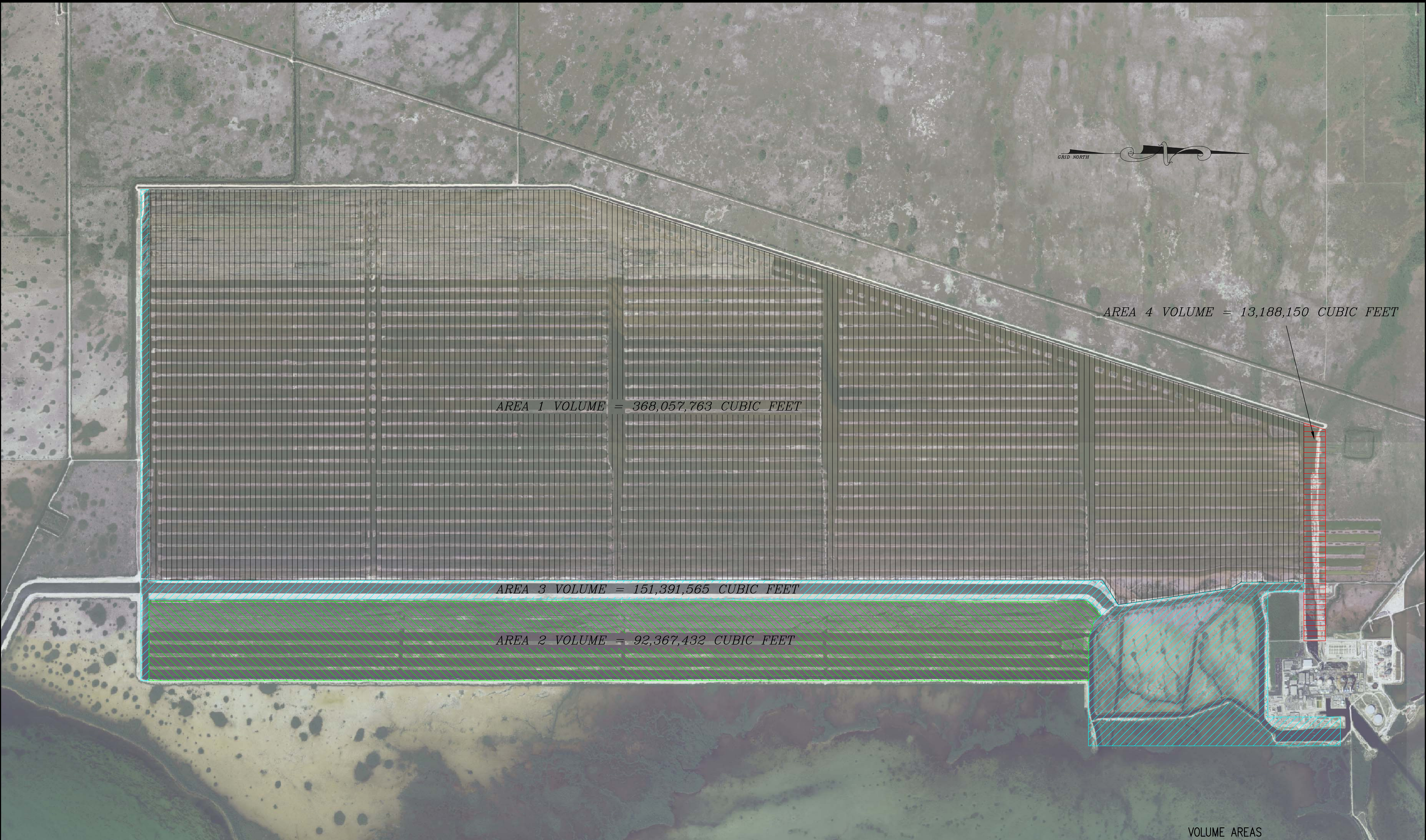
COMMISSION NO.  
5009.92

SCALE  
1" = 400'

DATE  
6/14/10

SHEET 3 OF 78





AREA 1 VOLUME = 368,057,763 CUBIC FEET

AREA 4 VOLUME = 13,188,150 CUBIC FEET

AREA 3 VOLUME = 151,391,565 CUBIC FEET

AREA 2 VOLUME = 92,367,432 CUBIC FEET

GRAPHIC SCALE

( IN FEET )

1 inch = 1000 ft.

LEGEND

AREA 1		32 CANALS WEST OF THE GRAND CANAL
AREA 2		6 CANALS EAST OF THE GRAND CANAL
AREA 3		CANALS RELATED TO INFLOW
AREA 4		CANALS RELATED TO OUTFLOW

VOLUMES REVISED DECEMBER 15, 2011

SEE SHEET 1 FOR NOTES

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STATE OF FLORIDA

VOLUME AREAS

TOPOGRAPHIC & BATHYMETRIC SURVEY

TURKEY POINT COOLING CANALS

MIAMI-DADE COUNTY, FLORIDA

- FOR -

FLORIDA POWER AND LIGHT

DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY
CAG	JRM	PAGE NO.	COVER	6/2/10

COMMISSION NO.	5009.92
SCALE	1" = 1,000'
DATE	6/14/10
SHEET	4 OF 78



MATCH LINE

SHEET 6  
SHEET 5

GRID NORTH

CANAL 32W  
CANAL 31W  
CANAL 30W  
CANAL 29W  
CANAL 28W  
CANAL 27W  
CANAL 26W  
CANAL 25W  
CANAL 24W  
CANAL 23W  
CANAL 22W  
CANAL 21W  
CANAL 20W  
CANAL 19W  
CANAL 18W  
CANAL 17W  
CANAL 16W  
CANAL 15W  
CANAL 14W  
CANAL 13W  
CANAL 12W  
CANAL 11W  
CANAL 10W  
CANAL 9W  
CANAL 8W  
CANAL 7W  
CANAL 6W  
CANAL 5W  
CANAL 4W  
CANAL 3W  
CANAL 2W  
CANAL 1W  
GRAND CANAL  
CANAL 1E  
CANAL 2E  
CANAL 3E  
CANAL 4E  
CANAL 5E  
CANAL 6E

GRAPHIC SCALE



( IN FEET )  
1 inch = 400 ft.

LEGEND				
Color	Range	Beg.	Range	EndPercent
Blue	-40.00	-30.00	0.1	175675.72
Dark Blue	-30.00	-20.00	2.0	5627591.43
Light Blue	-20.00	-10.00	1.7	4750321.22
Green	-10.00	-5.00	0.7	1854910.42
Yellow	-5.00	-4.00	5.6	15625462.83
Orange	-4.00	-3.00	19.0	53500168.58
Red	-3.00	-2.00	36.8	103592447.51
Dark Red	-2.00	-1.00	7.1	2011871.01
Light Red	-1.00	0.00	4.0	11355233.84
White	0.00	5.00	21.8	61445829.39
Dark Green	5.00	10.00	1.2	3438607.05

SEE SHEET 1 FOR NOTES



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STATE OF FLORIDA

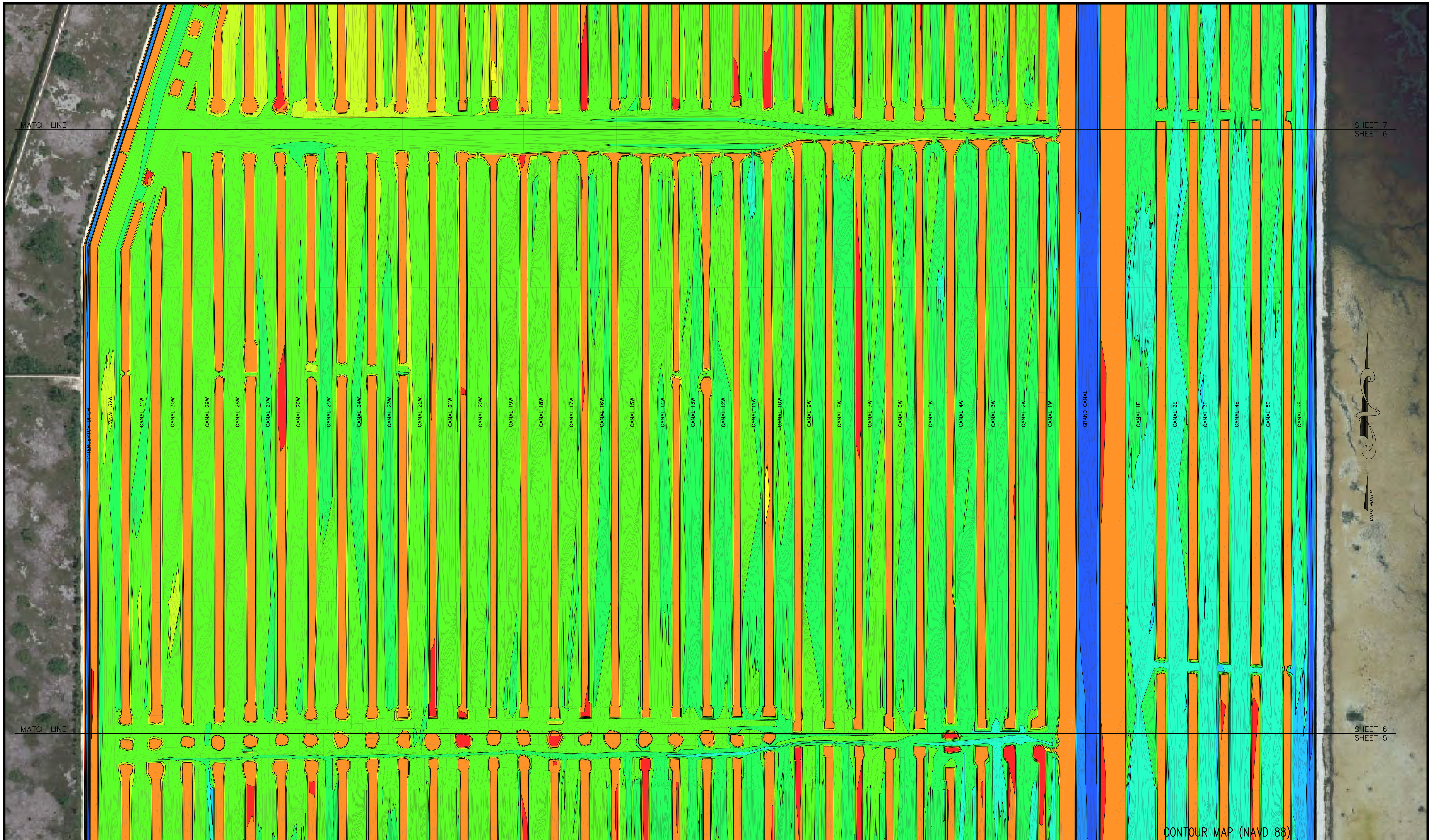
CONTOUR MAP (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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COMMISSION NO. 5009.92
SCALE 1" = 400'
DATE 6/14/10
SHEET 5 OF 78





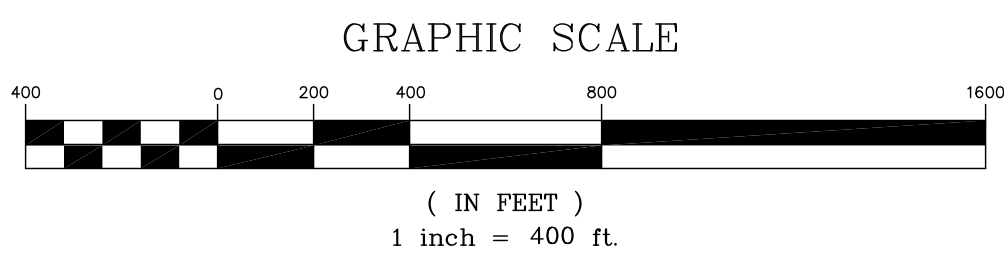
MATCH LINE

SHEET 7  
SHEET 6

MATCH LINE

SHEET 6  
SHEET 5

CONTOUR MAP (NAVD 88)



LEGEND				
Color	Range	Beg.	Range End	Percent
Blue	-40.00	-30.00	0.1	175675.72
Blue	-30.00	-20.00	2.0	5627591.43
Blue	-20.00	-10.00	1.7	4750321.22
Blue	-10.00	-5.00	0.7	1854910.42
Blue	-5.00	-4.00	5.6	15625462.83
Blue	-4.00	-3.00	19.0	53500168.58
Blue	-3.00	-2.00	36.8	103592447.51
Blue	-2.00	-1.00	7.1	2011871.01
Blue	-1.00	0.00	4.0	11355233.84
Blue	0.00	5.00	21.8	61445829.39
Blue	5.00	10.00	1.2	3438607.05

SEE SHEET 1 FOR NOTES

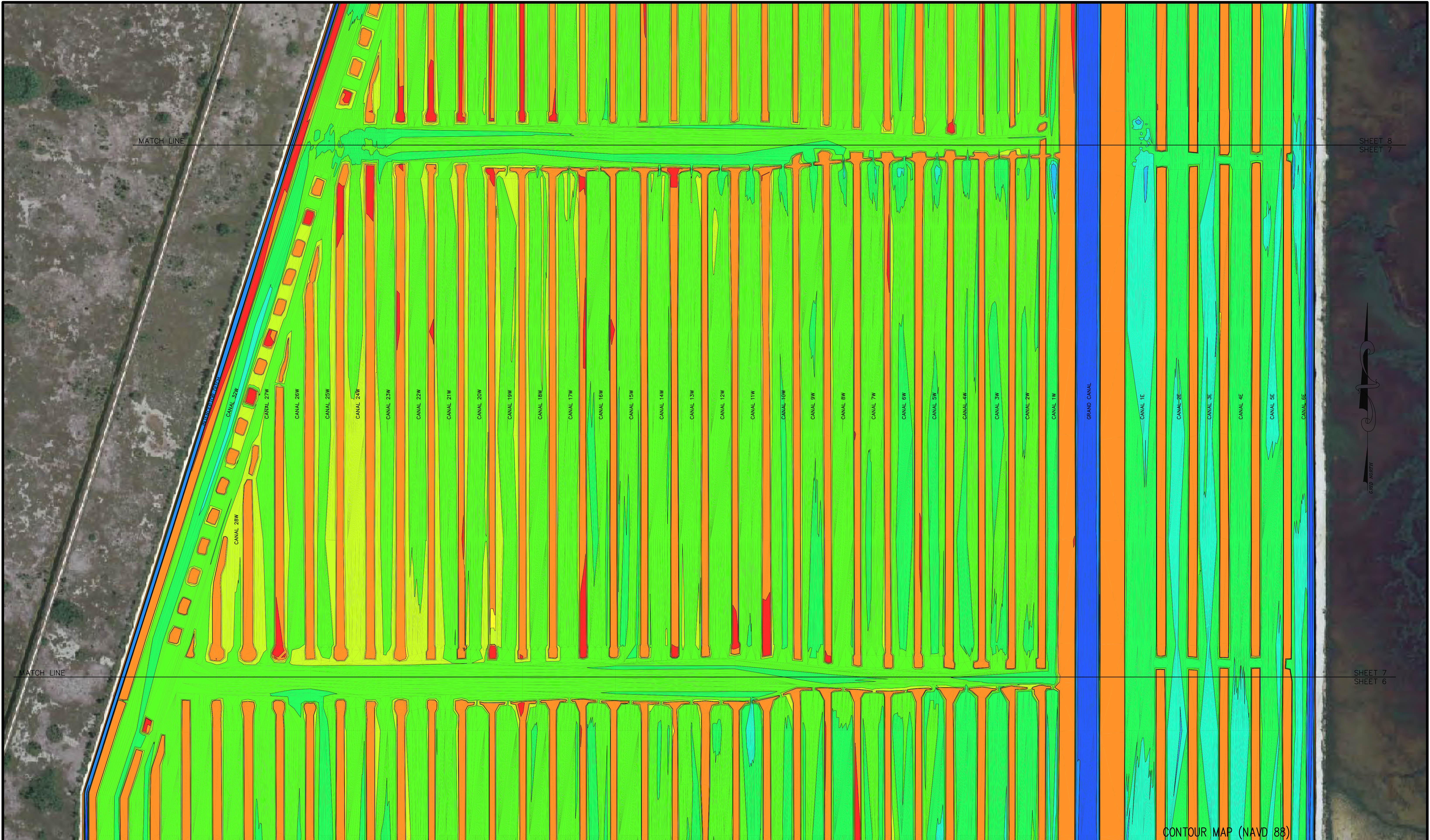


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STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				COMMISSION NO. 5009.92
DRAWN BY CAG				SCALE 1" = 400'
CHECKED BY JRM				DATE 6/14/10
FIELD BOOK PAGE NO.				SHEET 6 OF 78
SEE COVER				
DATE OF SURVEY 6/2/10				



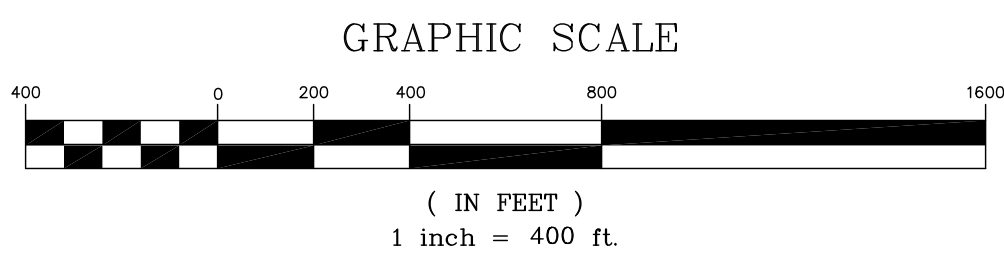


SHEET 8  
SHEET 7

SHEET 7  
SHEET 6



CONTOUR MAP (NAVD 88)



LEGEND					
Color	Range	Beg.	Range	End	Percent
Blue	-40.00	-30.00	0.1	175675.72	
Blue	-30.00	-20.00	2.0	5627591.43	
Blue	-20.00	-10.00	1.7	4750321.22	
Blue	-10.00	-5.00	0.7	1854910.42	
Blue	-5.00	-4.00	5.6	15625462.83	
Blue	-4.00	-3.00	19.0	53500168.58	
Blue	-3.00	-2.00	36.8	103592447.51	
Blue	-2.00	-1.00	7.1	2011871.01	
Blue	-1.00	0.00	4.0	11355233.84	
Blue	0.00	5.00	21.8	61445829.39	
Blue	5.00	10.00	1.2	3438607.05	

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STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT					COMMISSION NO. 5009.92
					SCALE 1" = 400'
					DATE 6/14/10
DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	SHEET 7 OF 78



MATCH LINE

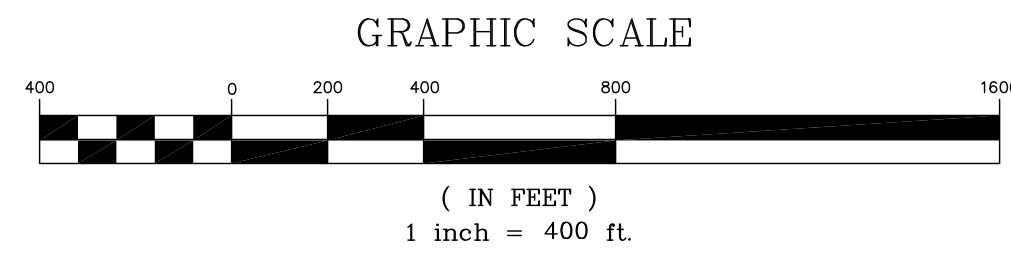
SHEET 9  
SHEET 8

MATCH LINE

SHEET 8  
SHEET 7

GRID NORTH

CONTOUR MAP (NAVD 88)



LEGEND			
Color	Range	Beg. Range	EndPercent
Blue	-40.00	-30.00	0.1
Blue	-30.00	-20.00	2.0
Blue	-20.00	-10.00	1.7
Blue	-10.00	-5.00	0.7
Blue	-5.00	-4.00	5.6
Blue	-4.00	-3.00	19.0
Blue	-3.00	-2.00	36.8
Blue	-2.00	-1.00	7.1
Blue	-1.00	0.00	4.0
Blue	0.00	5.00	21.8
Blue	5.00	10.00	1.2
Area			
175675.72			
5627591.43			
4750321.22			
1854910.42			
15625462.83			
53500168.58			
103592447.51			
2011871.01			
11355233.84			
61445829.39			
3438607.05			

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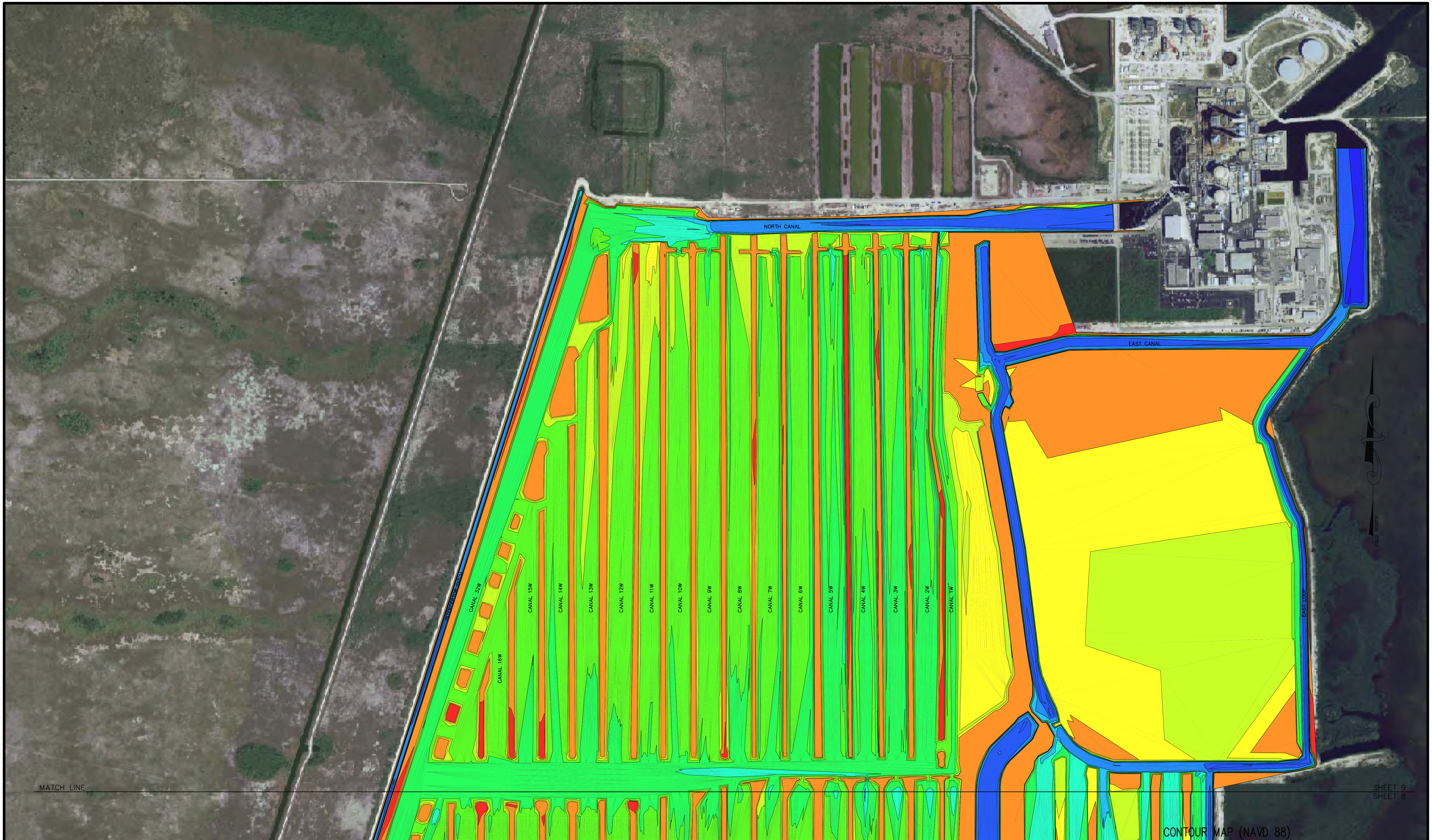
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TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY
CAG	JRM	PAGE NO.	COVER	6/2/10

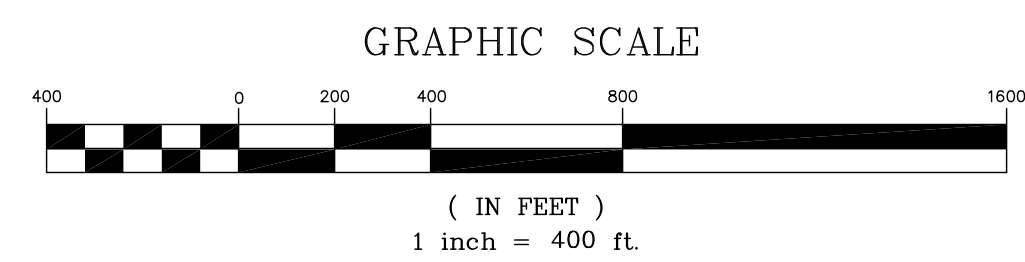
COMMISSION NO. 5009.92
SCALE 1" = 400'
DATE 6/14/10
SHEET 8 OF 78





MATCH LINE

SHEET 9  
SHEET 8



LEGEND				
Color	Range	Beg.	Range	EndPercent
Blue	-40.00	-30.00	0.1	175675.72
Blue	-30.00	-20.00	2.0	5627591.43
Blue	-20.00	-10.00	1.7	4750321.22
Blue	-10.00	-5.00	0.7	1854910.42
Blue	-5.00	-4.00	5.6	15625462.83
Blue	-4.00	-3.00	19.0	53500168.58
Blue	-3.00	-2.00	36.8	103592447.51
Blue	-2.00	-1.00	7.1	2011871.01
Blue	-1.00	0.00	4.0	11355233.84
Blue	0.00	5.00	21.8	61445829.39
Blue	5.00	10.00	1.2	3438607.05

SEE SHEET 1 FOR NOTES



## MORGAN & EKLUND, INC.

### PROFESSIONAL SURVEY CONSULTANTS

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1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

## CONTOUR MAP (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

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JRM

FIELD BOOK  
PAGE NO.

SEE  
COVER

DATE OF SURVEY  
6/2/10

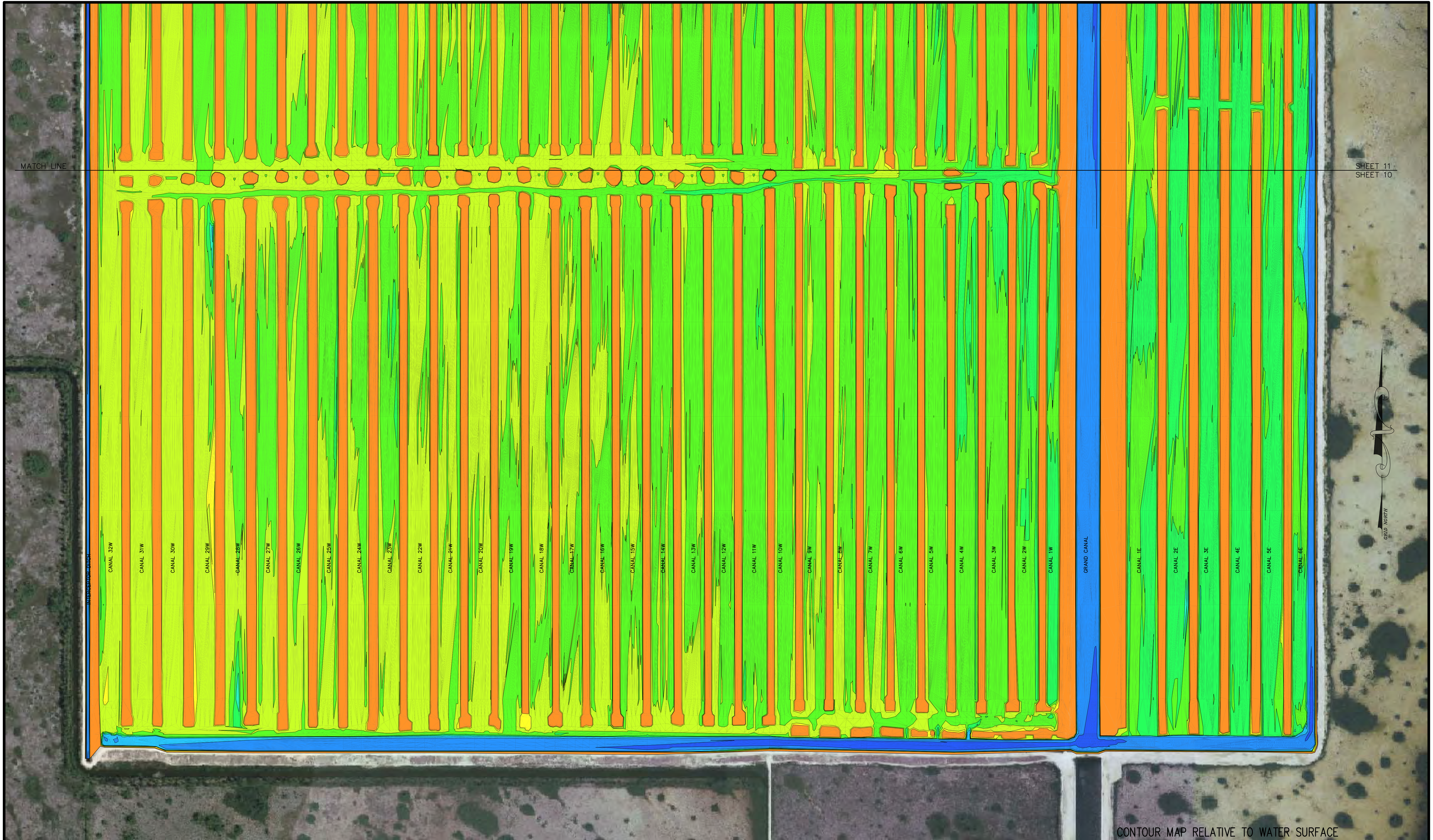
COMMISSION NO.  
5009.92

SCALE  
1" = 400'

DATE  
6/14/10

SHEET 9 OF 78

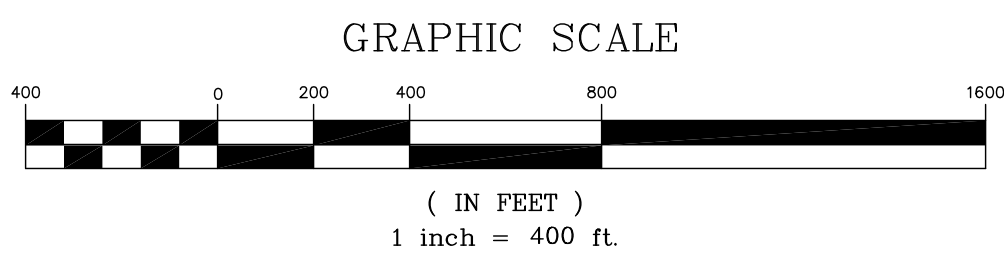




SHEET 11  
SHEET 10

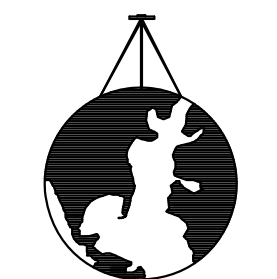


CONTOUR MAP RELATIVE TO WATER SURFACE



CONTOURS RELATIVE TO WATER SURFACE				
Color	Range	Beg.	Range	EndPercent
Blue	-40.00	-30.00	0.0	65764.70
Blue	-30.00	-20.00	1.4	3813323.84
Blue	-20.00	-10.00	2.3	6321450.48
Blue	-10.00	-5.00	0.5	1306448.63
Blue	-5.00	-4.00	0.4	1147039.13
Blue	-4.00	-3.00	7.7	21568918.01
Blue	-3.00	-2.00	40.1	112504756.56
Blue	-2.00	-1.00	17.9	50216324.15
Blue	-1.00	0.00	3.5	9774490.82
Blue	0.00	10.00	26.4	74168681.19
Blue	10.00	20.00	0.0	35.42

SEE SHEET 1 FOR NOTES

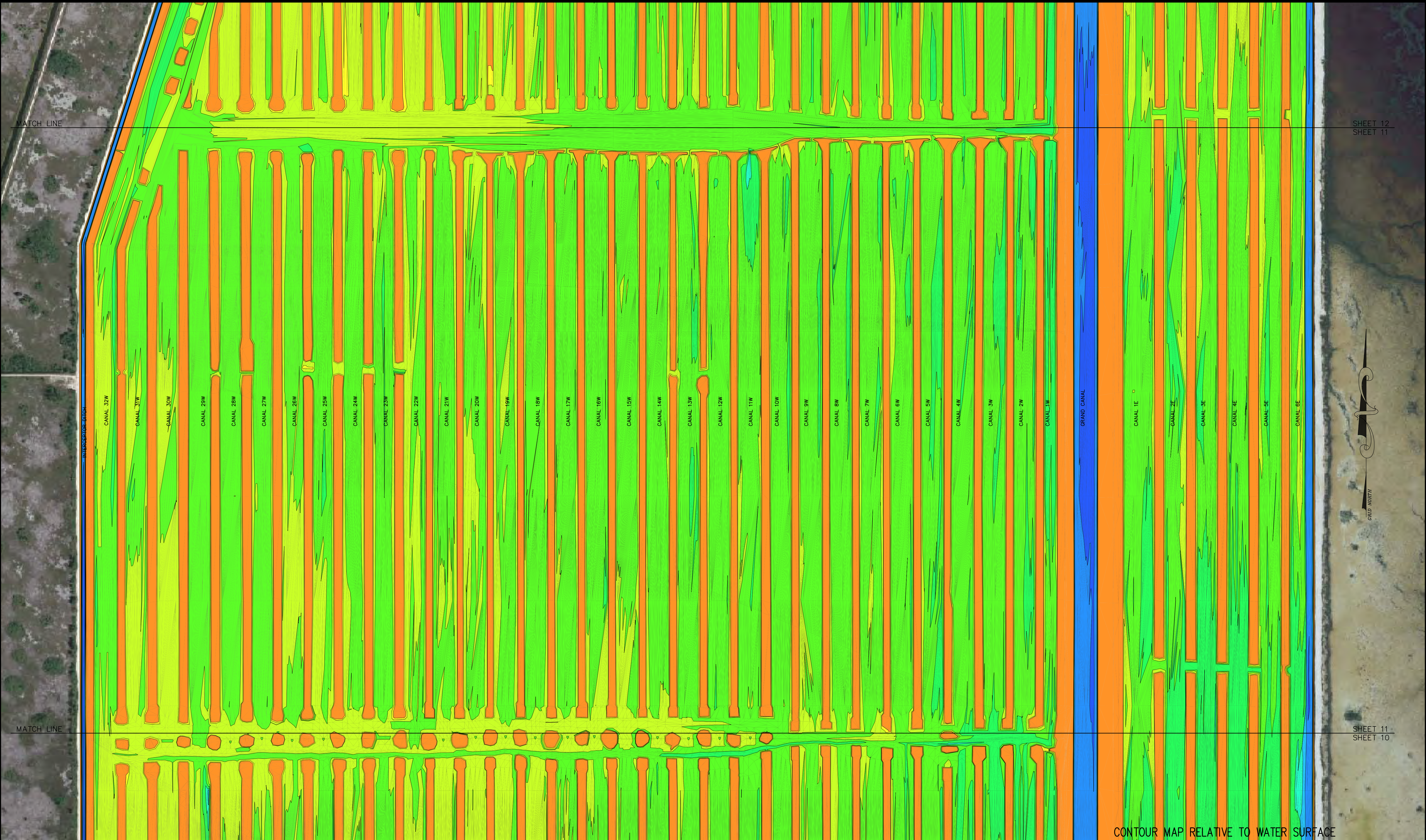


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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY					COMMISSION NO.
TURKEY POINT COOLING CANALS					5009.92
MIAMI-DADE COUNTY, FLORIDA					SCALE
- FOR -					1" = 400'
FLORIDA POWER AND LIGHT					DATE
					6/14/10
DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY	SHEET 10 OF 78
CAG	JRM	PAGE NO.	COVER	6/2/10	





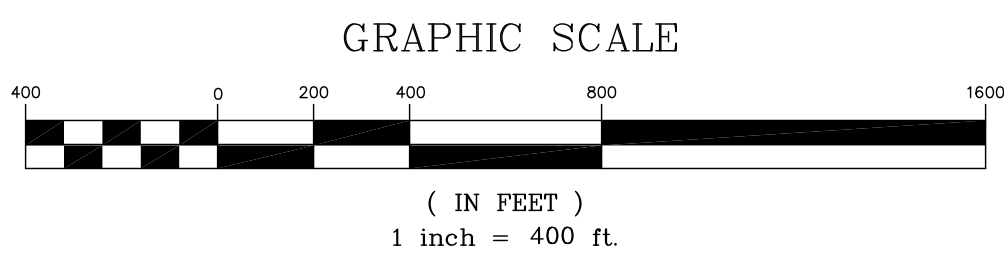
MATCH LINE

SHEET 12  
SHEET 11

MATCH LINE

SHEET 11  
SHEET 10

CONTOUR MAP RELATIVE TO WATER SURFACE



CONTOURS RELATIVE TO WATER SURFACE			
Color	Range	Beg. Range	EndPercent
Blue	-40.00	-30.00	0.0
Blue	-30.00	-20.00	1.4
Blue	-20.00	-10.00	2.3
Blue	-10.00	-5.00	0.5
Blue	-5.00	-4.00	0.4
Blue	-4.00	-3.00	7.7
Blue	-3.00	-2.00	40.1
Blue	-2.00	-1.00	17.9
Blue	-1.00	0.00	3.5
Blue	0.00	10.00	26.4
Blue	10.00	20.00	0.0

SEE SHEET 1 FOR NOTES



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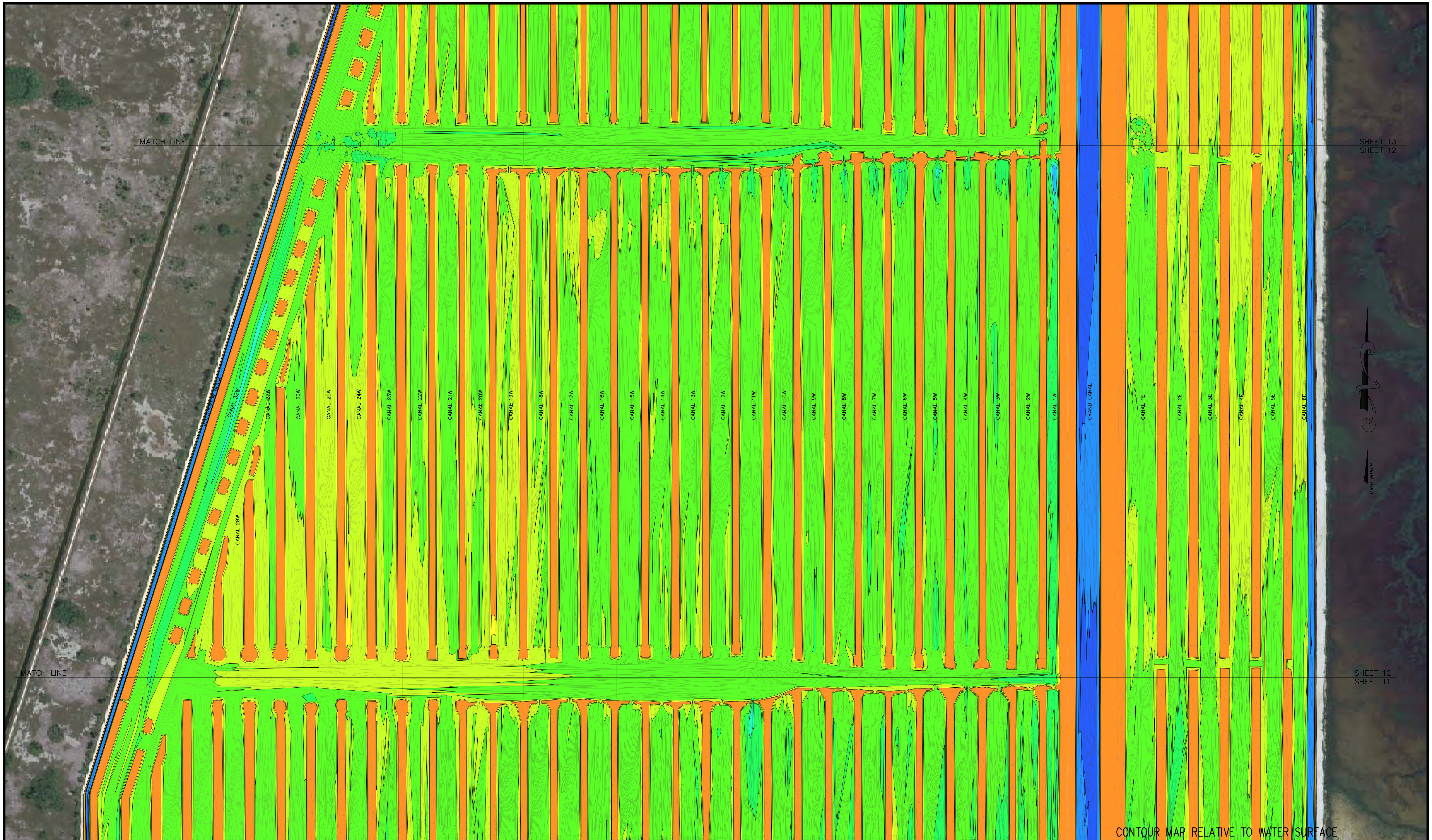
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**TOPOGRAPHIC & BATHYMETRIC SURVEY**  
**TURKEY POINT COOLING CANALS**  
**MIAMI-DADE COUNTY, FLORIDA**  
**- FOR -**  
**FLORIDA POWER AND LIGHT**

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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COMMISSION NO. 5009.92
SCALE 1" = 400'
DATE 6/14/10
SHEET 11 OF 78

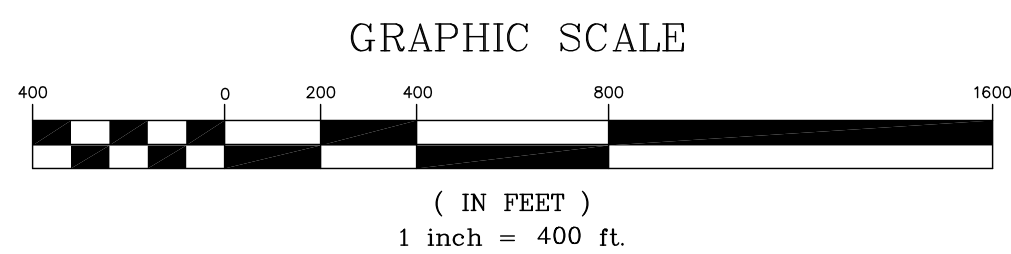




SHEET 13  
SHEET 12

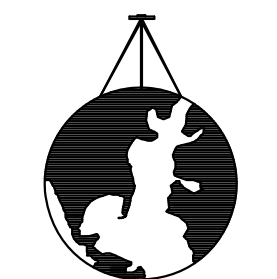
SHEET 12  
SHEET 11

CONTOUR MAP RELATIVE TO WATER SURFACE



CONTOURS RELATIVE TO WATER SURFACE					
Color	Range	Beg.	Range	End	Percent
Blue	-40.00	-30.00	0.0	65764.70	
Blue	-30.00	-20.00	1.4	3813323.84	
Blue	-20.00	-10.00	2.3	6321450.48	
Blue	-10.00	-5.00	0.5	1306448.63	
Blue	-5.00	-4.00	0.4	1147039.13	
Blue	-4.00	-3.00	7.7	21568918.01	
Blue	-3.00	-2.00	40.1	112504796.56	
Blue	-2.00	-1.00	17.9	50216324.15	
Blue	-1.00	0.00	3.5	9774490.82	
Blue	0.00	10.00	26.4	74168681.19	
Blue	10.00	20.00	0.0	35.42	

SEE SHEET 1 FOR NOTES

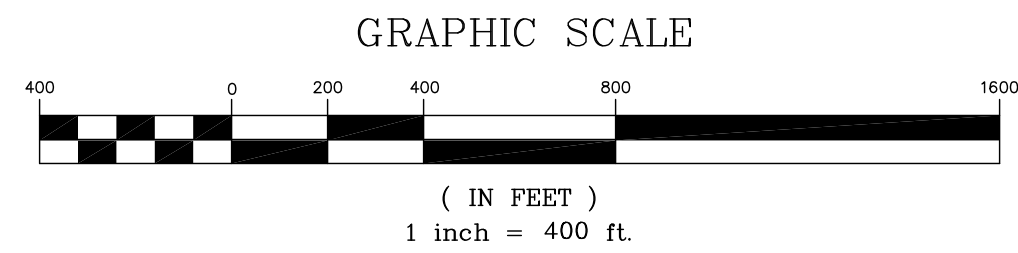
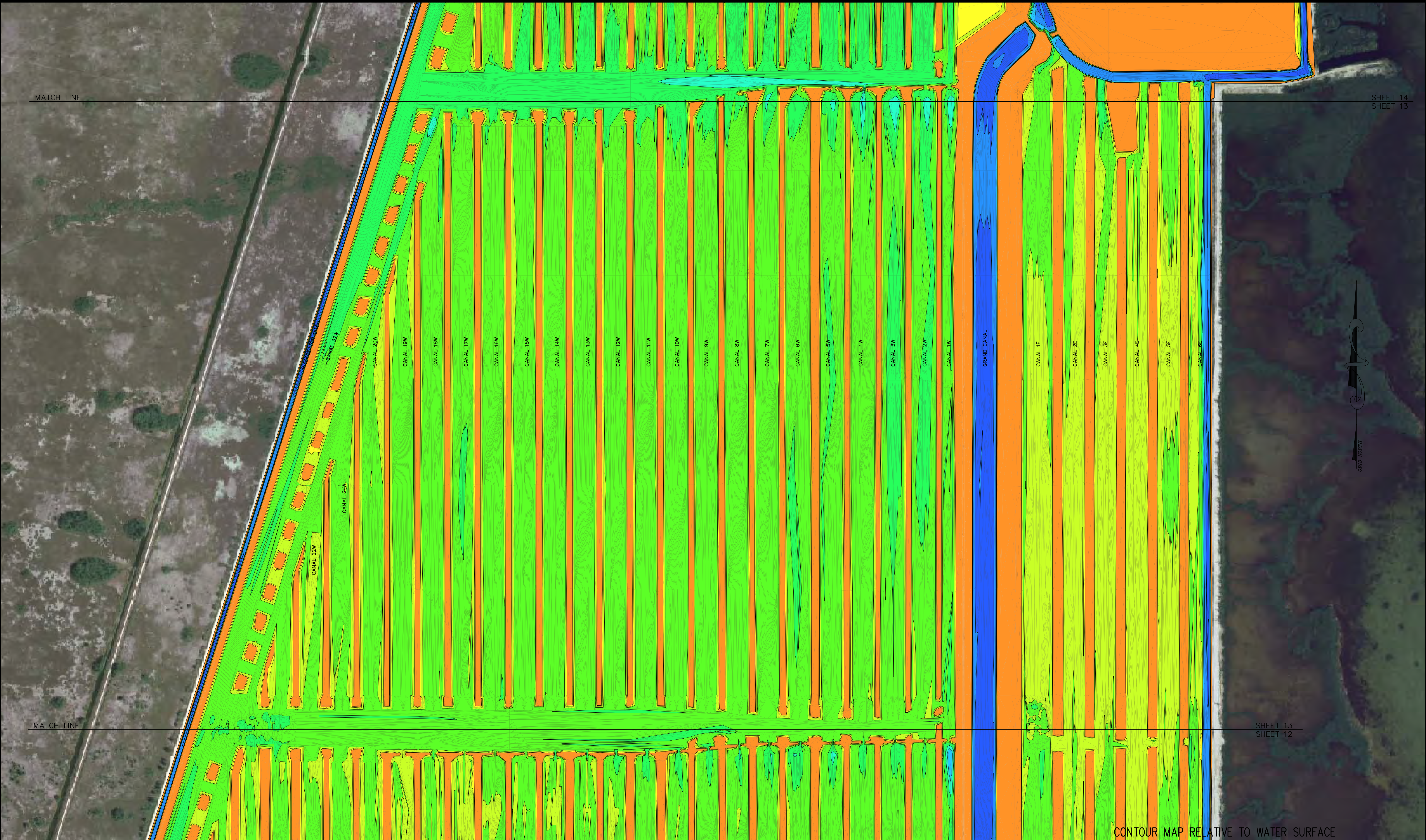


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LB # 4298  
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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				COMMISSION NO. 5009.92
DRAWN BY CAG				SCALE 1" = 400'
CHECKED BY JRM				DATE 6/14/10
FIELD BOOK PAGE NO.				SHEET 12 OF 78
SEE COVER				
DATE OF SURVEY 6/2/10				





CONTOURS RELATIVE TO WATER SURFACE				
Color	Range	Beg.	Range	EndPercent
Blue	-40.00	-30.00	0.0	65764.70
Green	-30.00	-20.00	1.4	3813323.84
Yellow	-20.00	-10.00	2.3	6321450.48
Orange	-10.00	-5.00	0.5	1306448.63
Red	-5.00	-4.00	0.4	1147039.13
Light Blue	-4.00	-3.00	7.7	21568918.01
Light Green	-3.00	-2.00	40.1	112504756.56
Light Yellow	-2.00	-1.00	17.9	50216324.15
Light Orange	-1.00	0.00	3.5	9774490.82
Light Red	0.00	10.00	26.4	74168681.19
Dark Red	10.00	20.00	0.0	35.42

SEE SHEET 1 FOR NOTES



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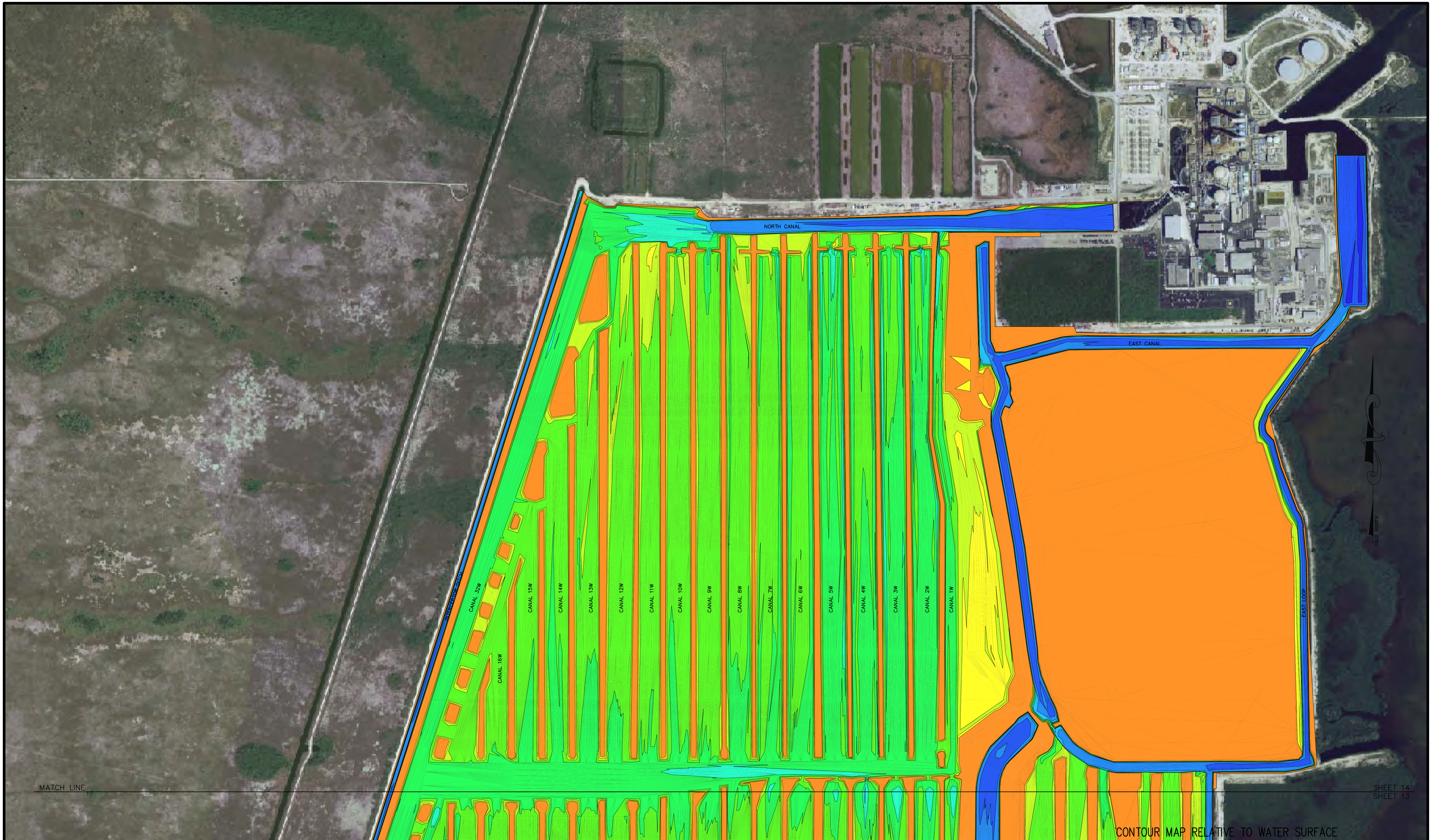
LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY					COMMISSION NO.
TURKEY POINT COOLING CANALS					5009.92
MIAMI-DADE COUNTY, FLORIDA					SCALE
- FOR -					1" = 400'
FLORIDA POWER AND LIGHT					DATE
					6/14/10
DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY	SHEET 13 OF 78
CAG	JRM	PAGE NO.	COVER	6/2/10	

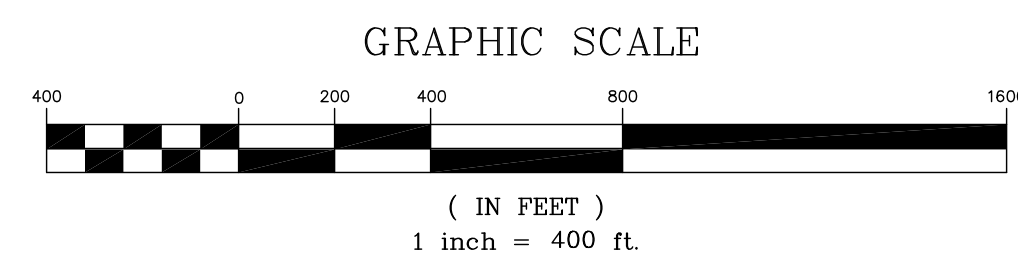




MATCH LINE

SHEET 14  
SHEET 13

CONTOUR MAP RELATIVE TO WATER SURFACE



CONTOURS RELATIVE TO WATER SURFACE					Area
Color	Range	Beg.	Range	End	Percent
Blue	-40.00	-30.00	0.0	65764.70	
Blue	-30.00	-20.00	1.4	3813323.84	
Blue	-20.00	-10.00	2.3	6321450.48	
Blue	-10.00	-5.00	0.5	1306448.63	
Blue	-5.00	-4.00	0.4	1147039.13	
Blue	-4.00	-3.00	7.7	21568918.01	
Blue	-3.00	-2.00	40.1	112504756.56	
Blue	-2.00	-1.00	17.9	50216324.15	
Blue	-1.00	0.00	3.5	9774490.82	
Blue	0.00	10.00	26.4	74168681.19	
Blue	10.00	20.00	0.0	35.42	

SEE SHEET 1 FOR NOTES



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JOHN R. MORGAN, II, PLS  
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STATE OF FLORIDA

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

CHECKED BY  
JRM

FIELD BOOK  
PAGE NO.

SEE  
COVER

DATE OF SURVEY  
6/2/10

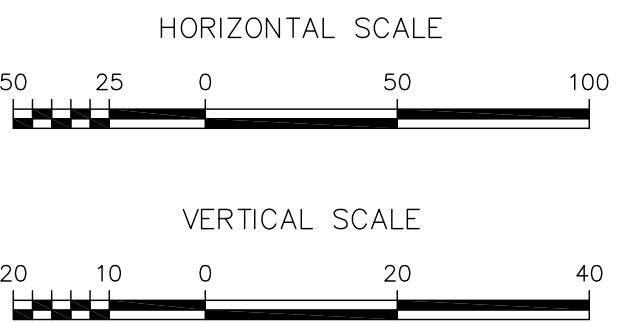
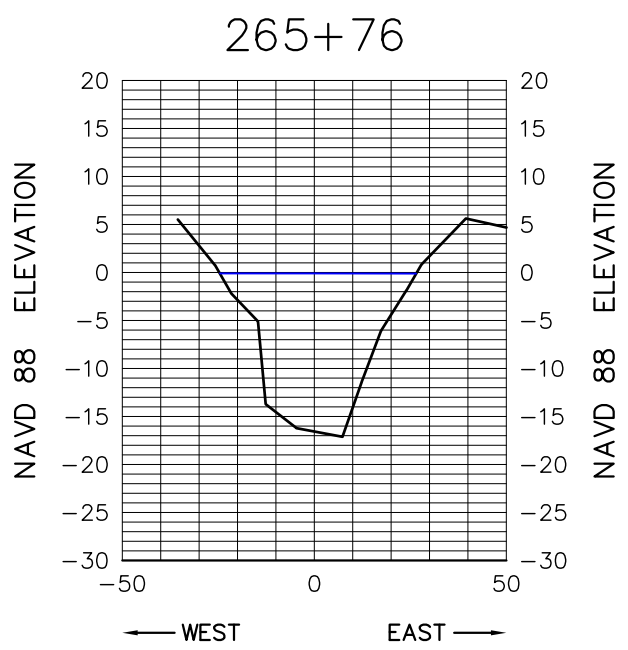
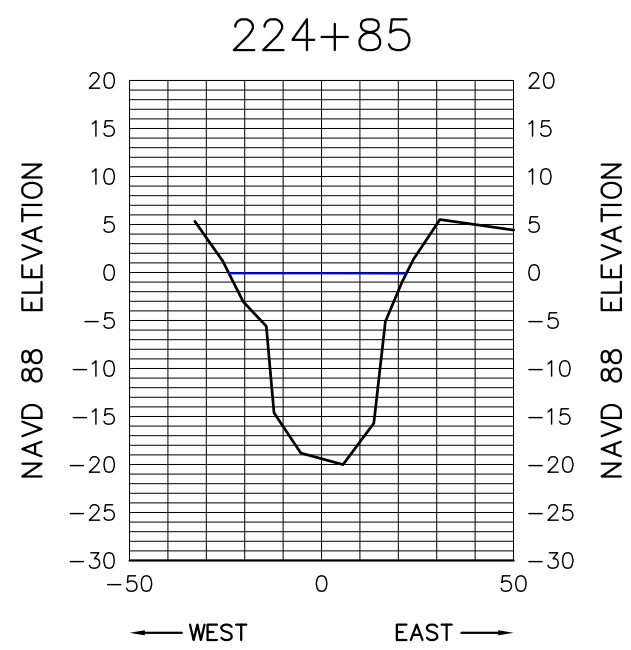
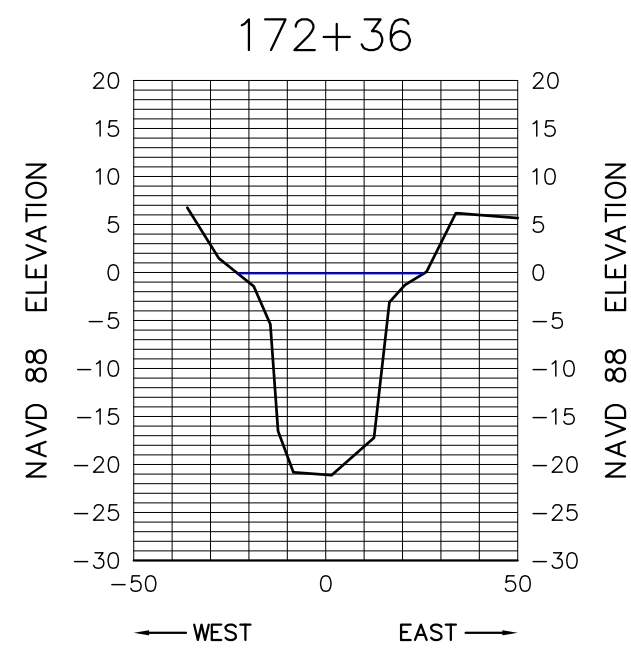
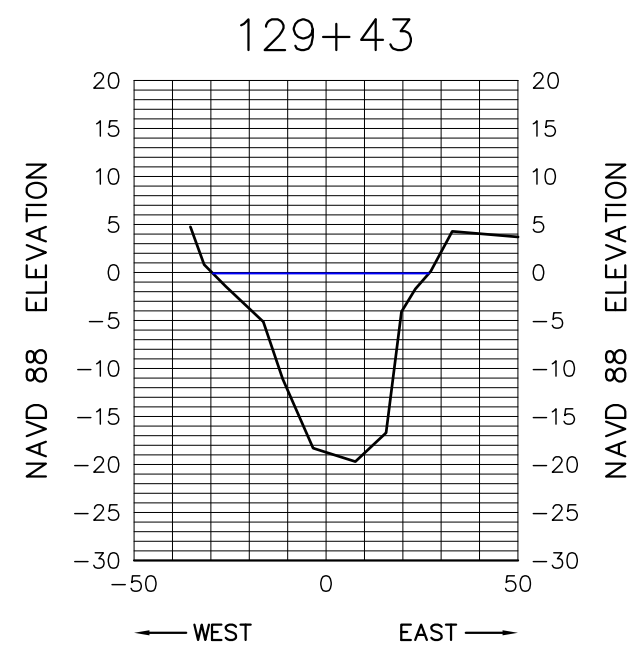
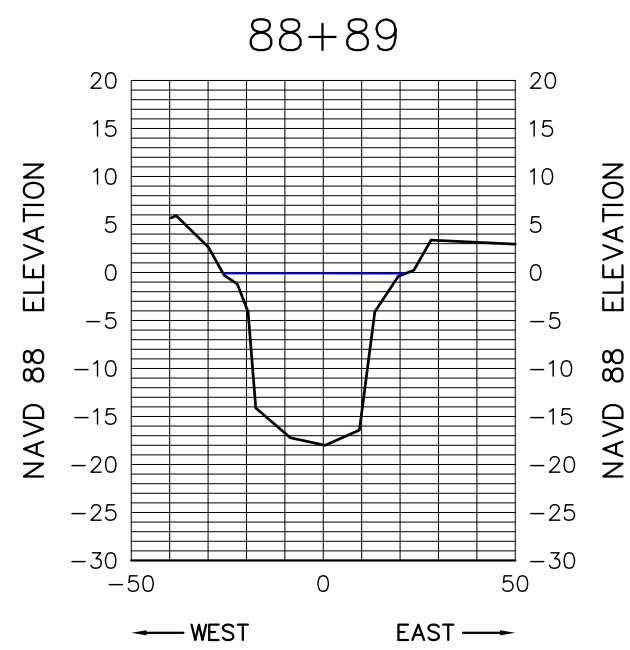
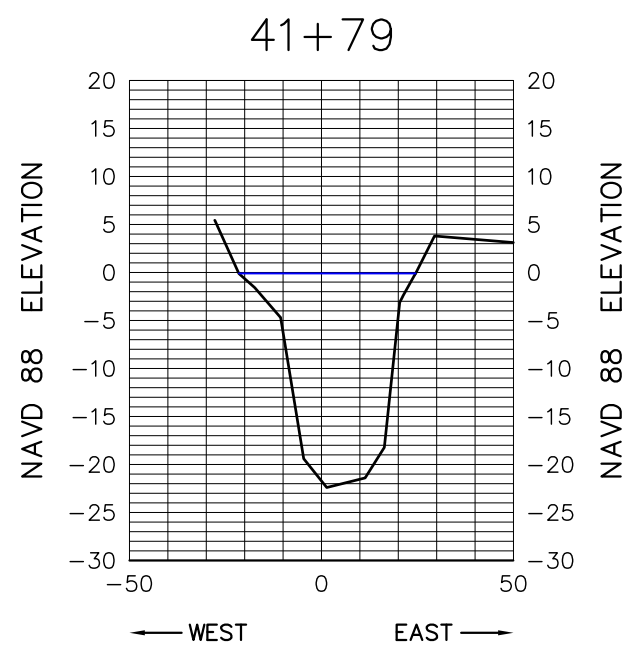
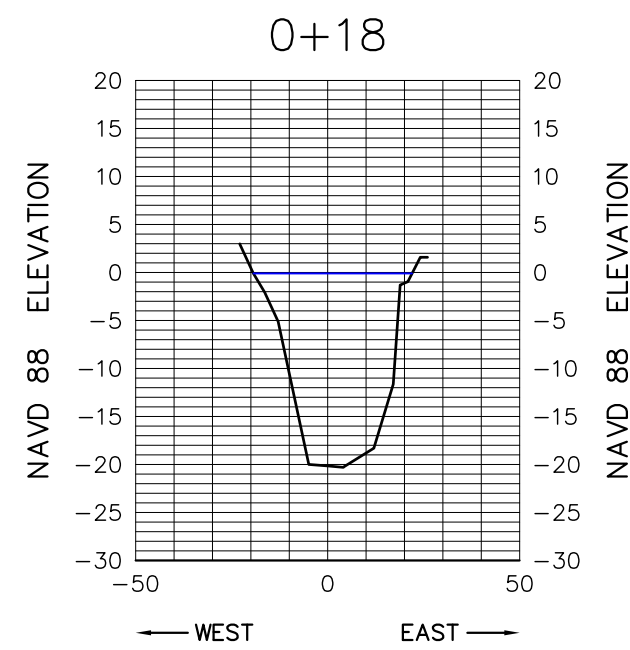
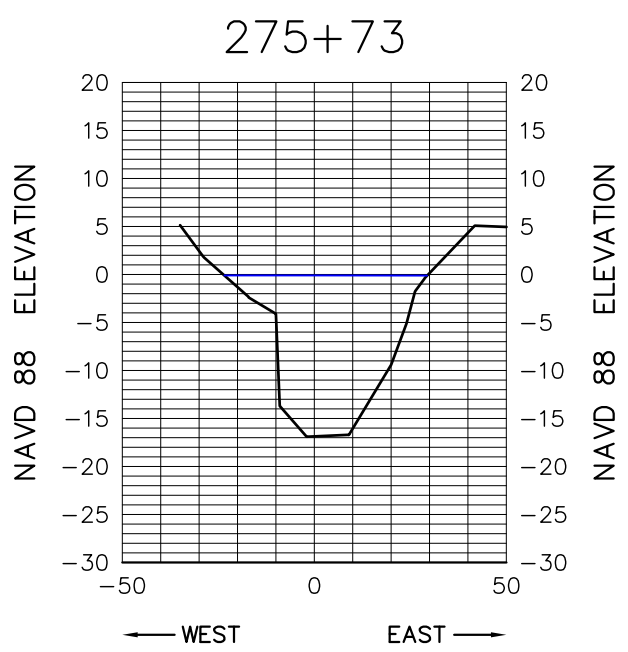
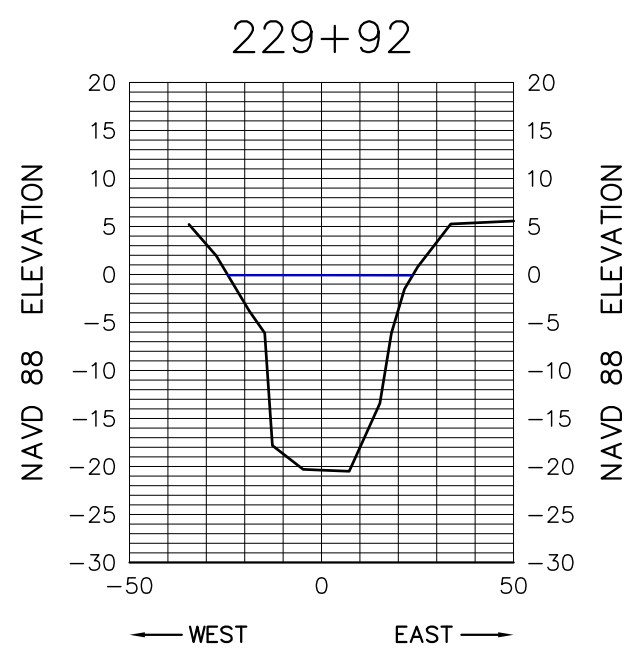
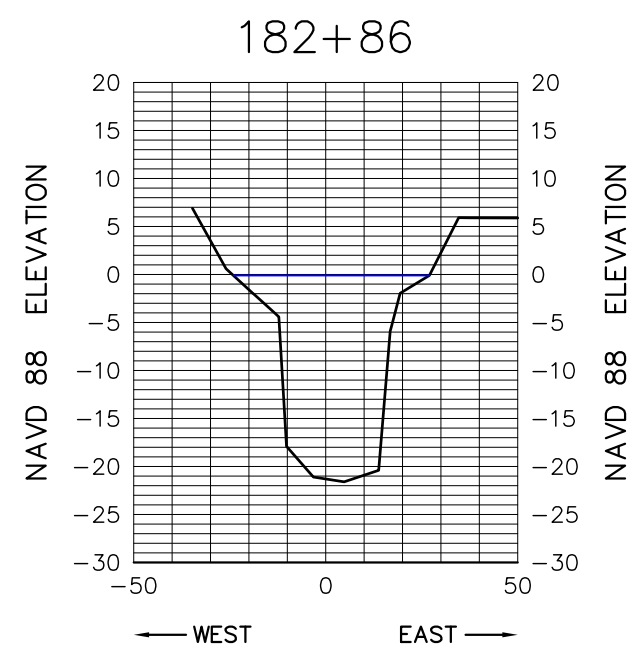
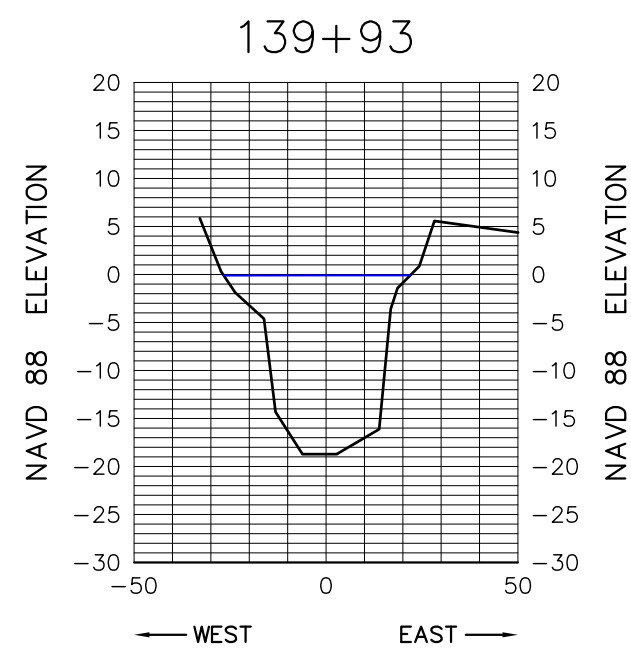
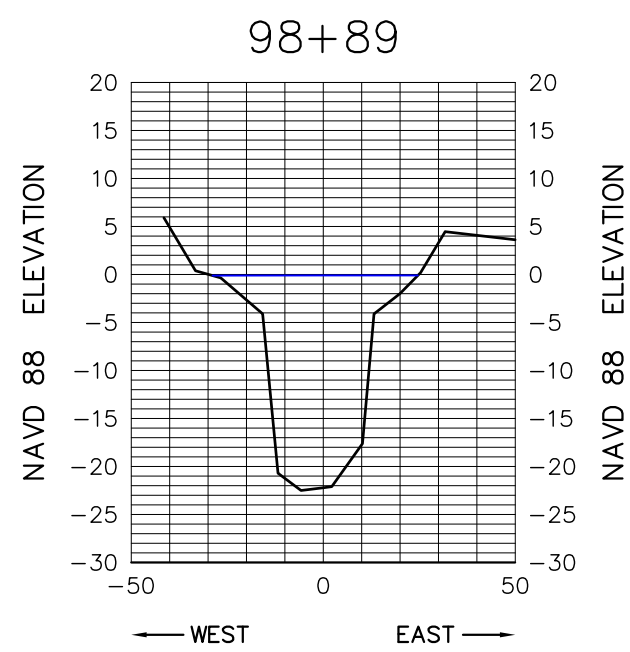
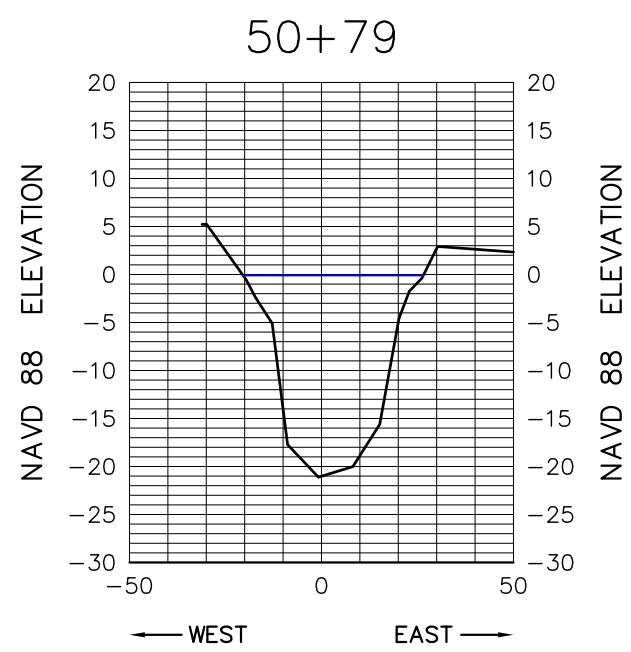
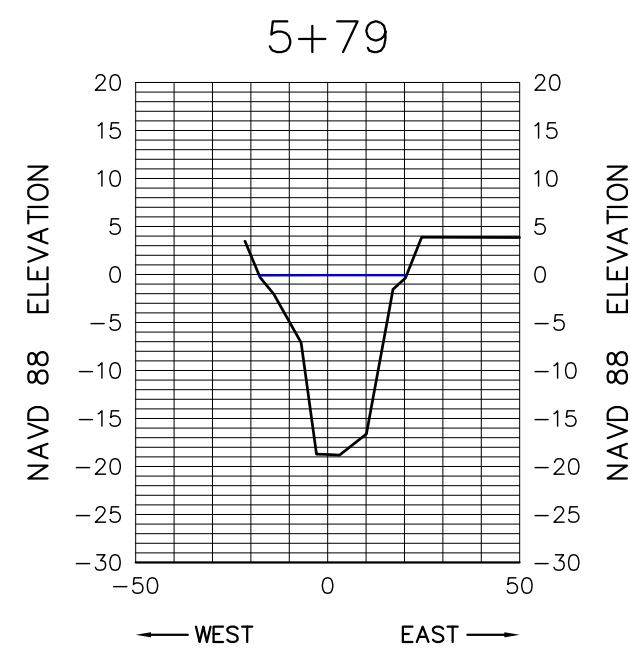
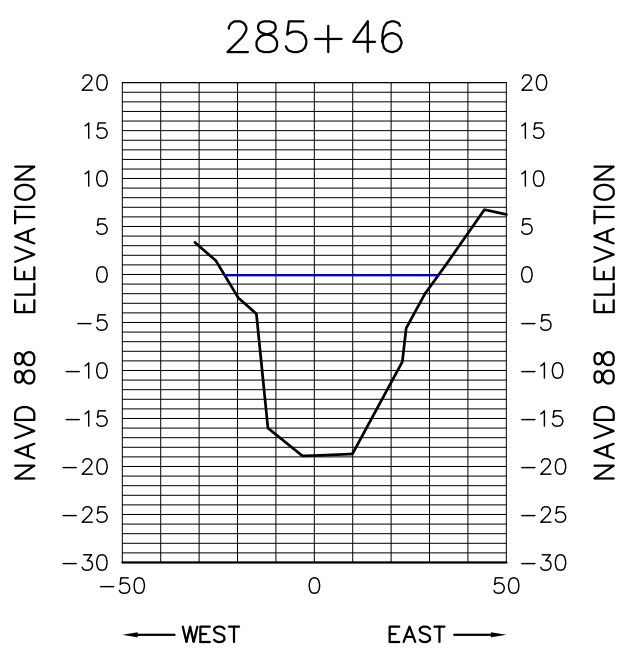
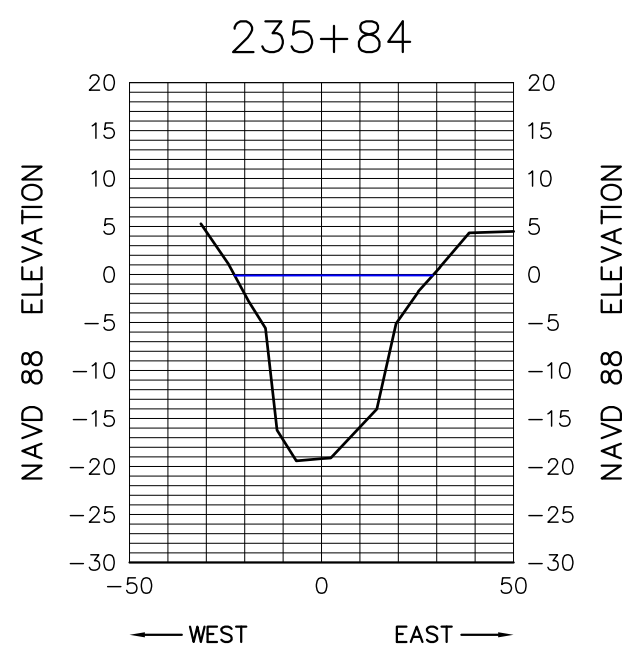
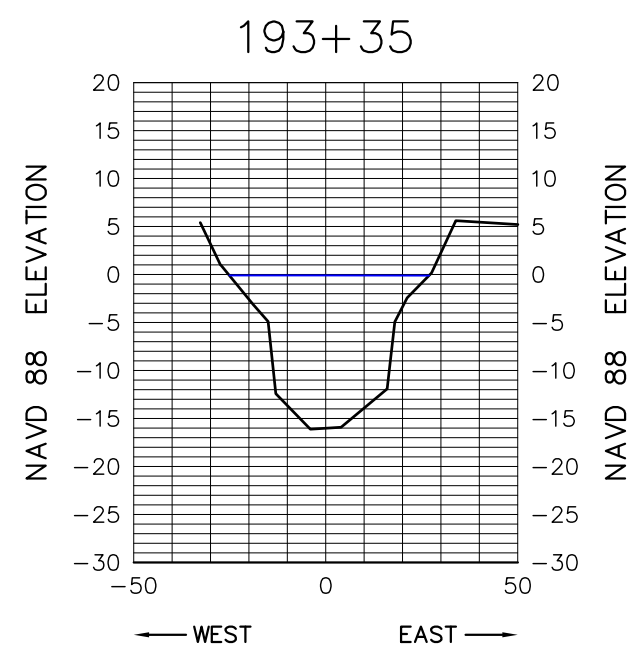
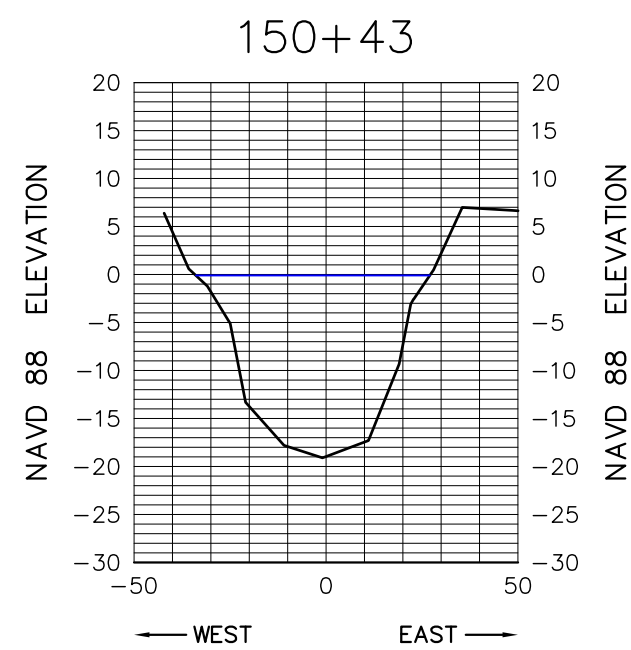
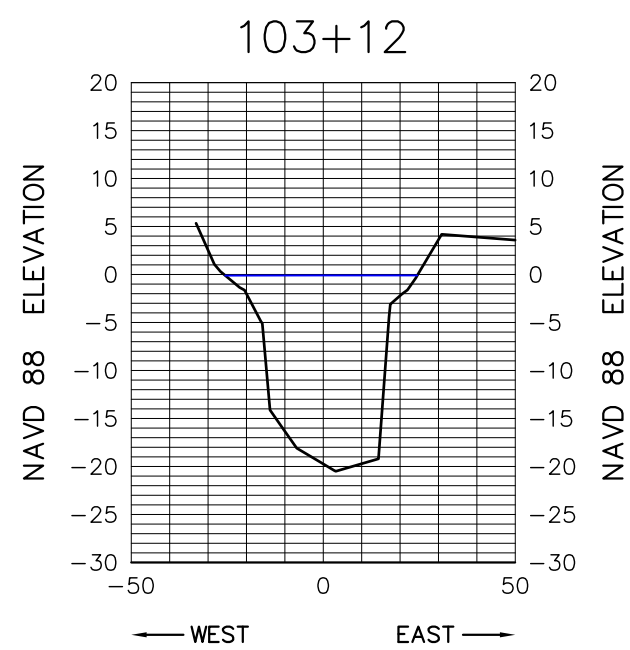
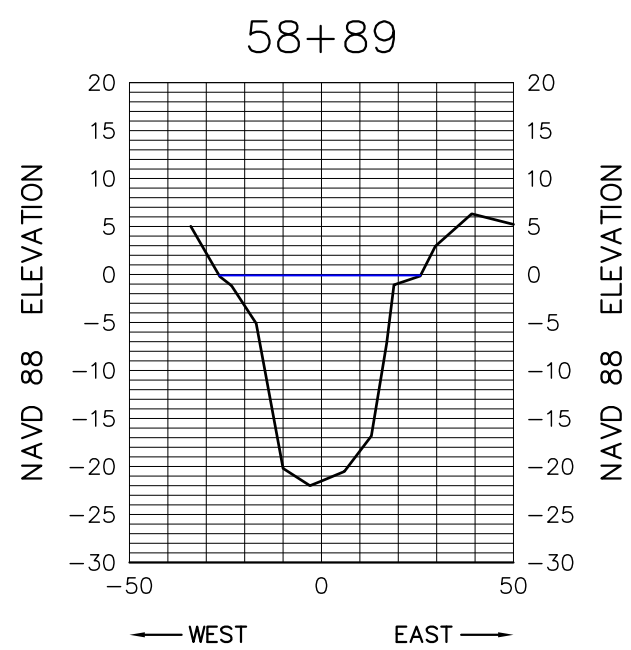
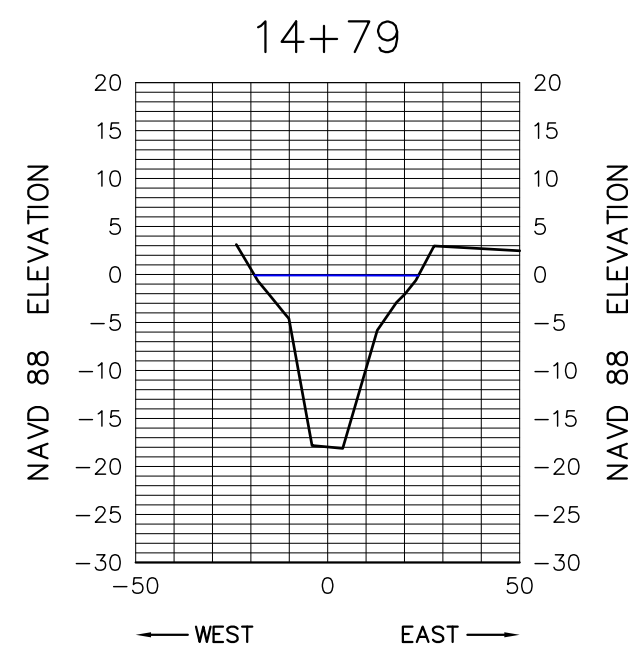
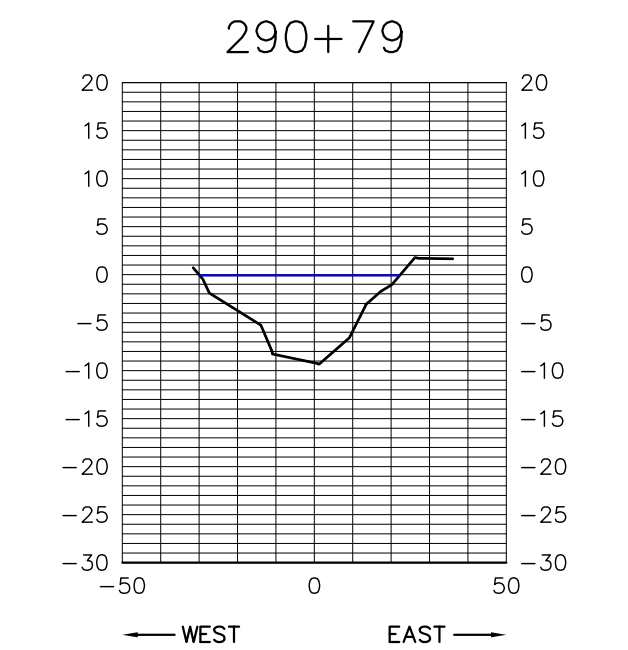
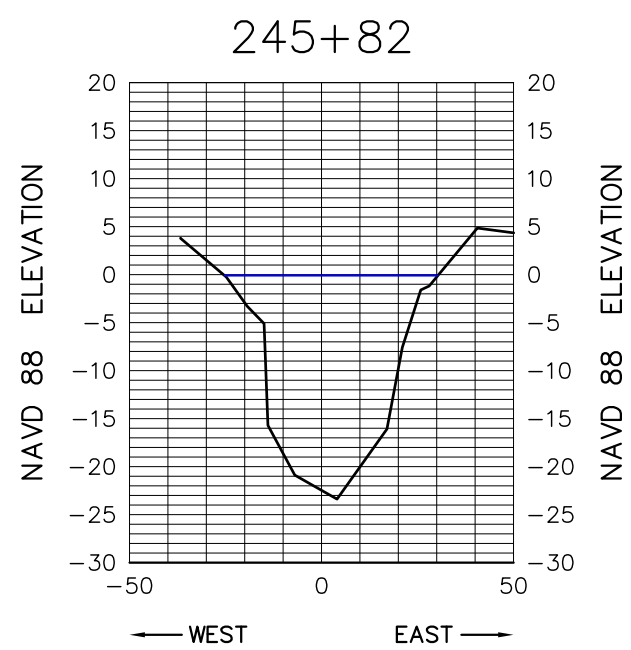
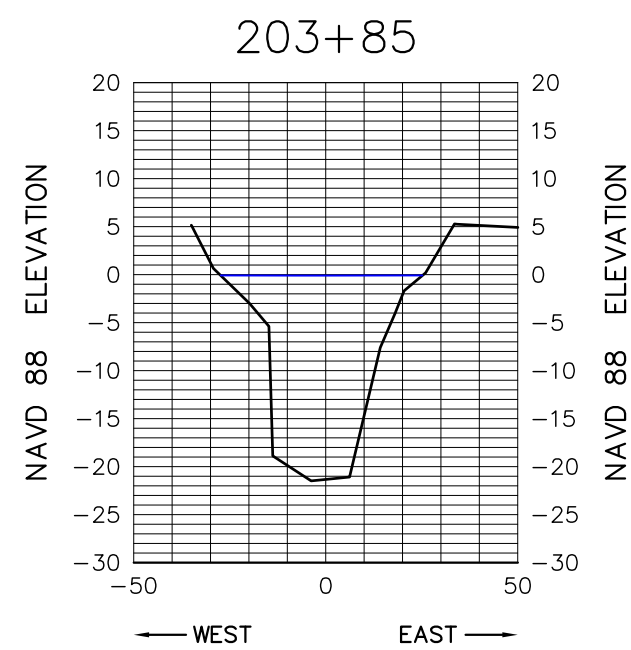
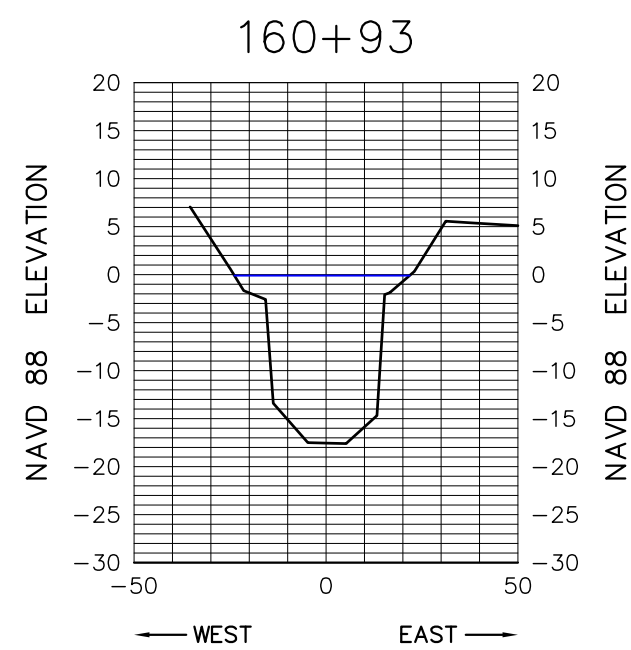
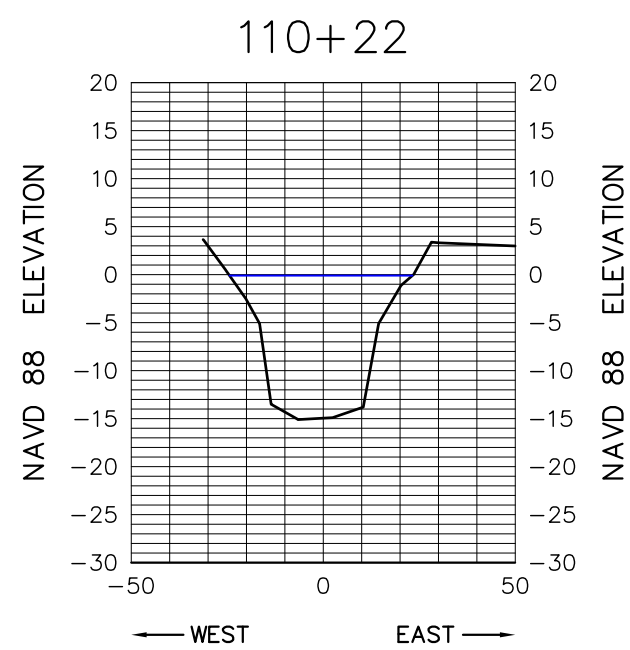
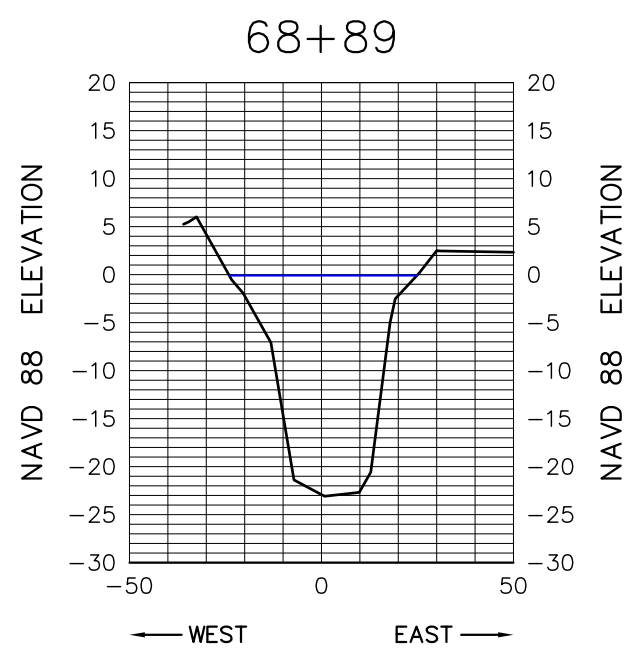
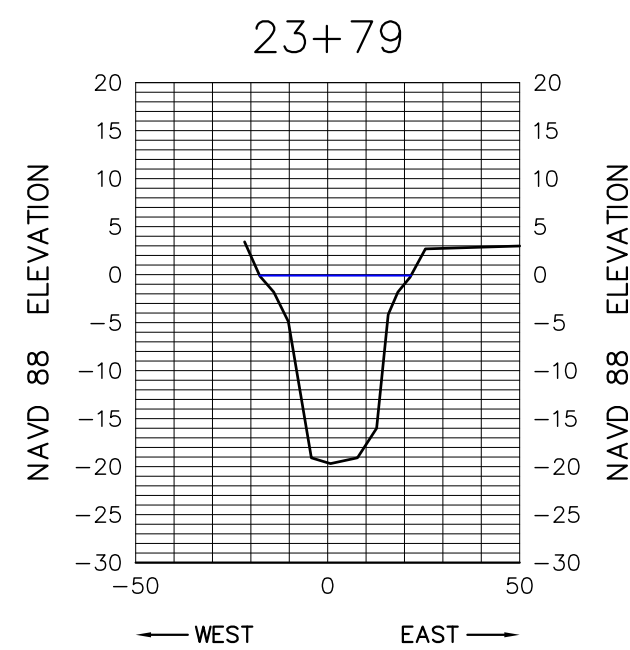
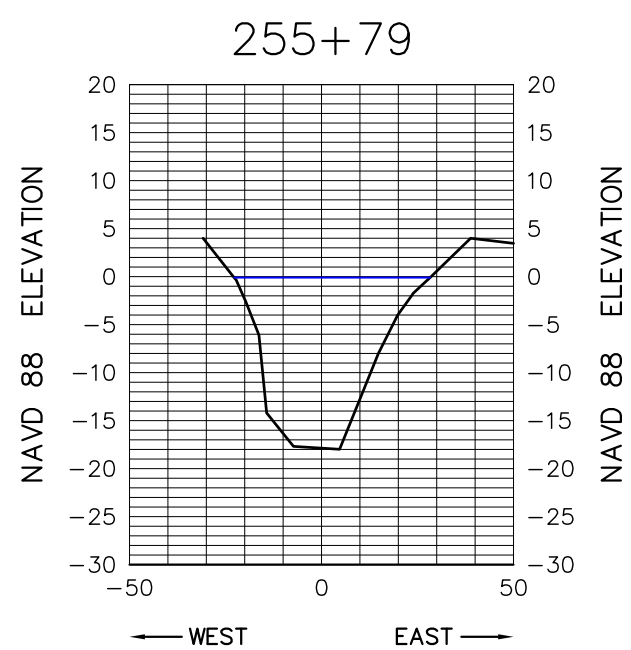
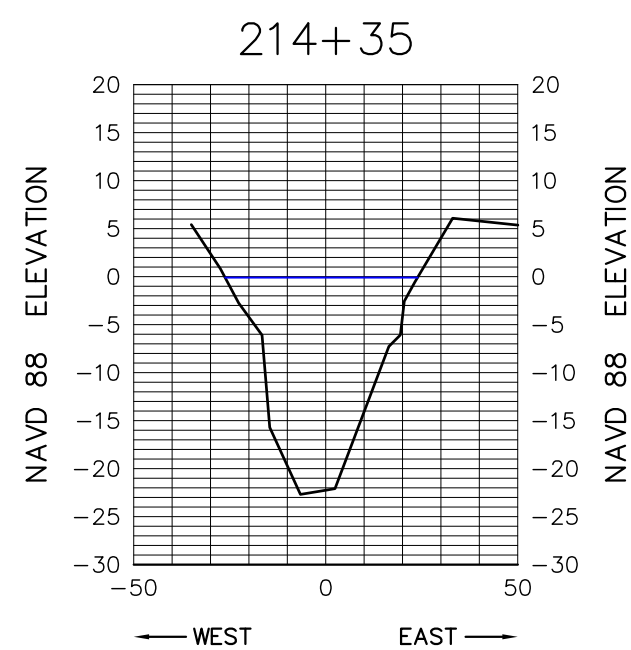
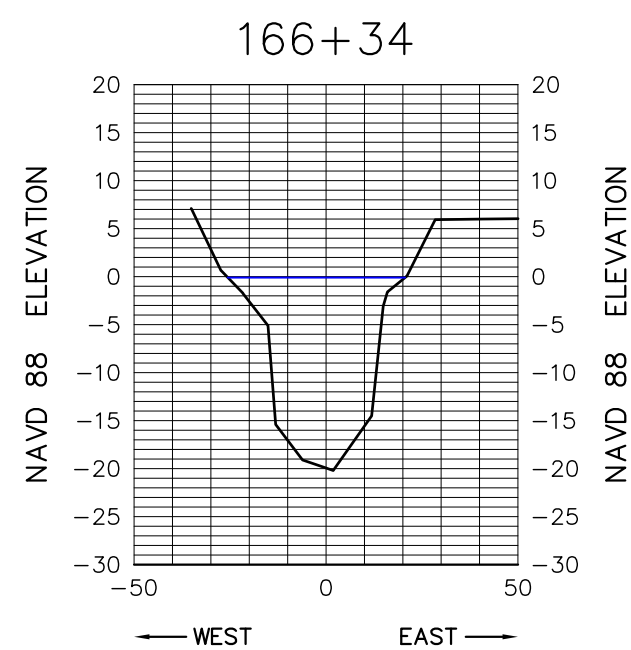
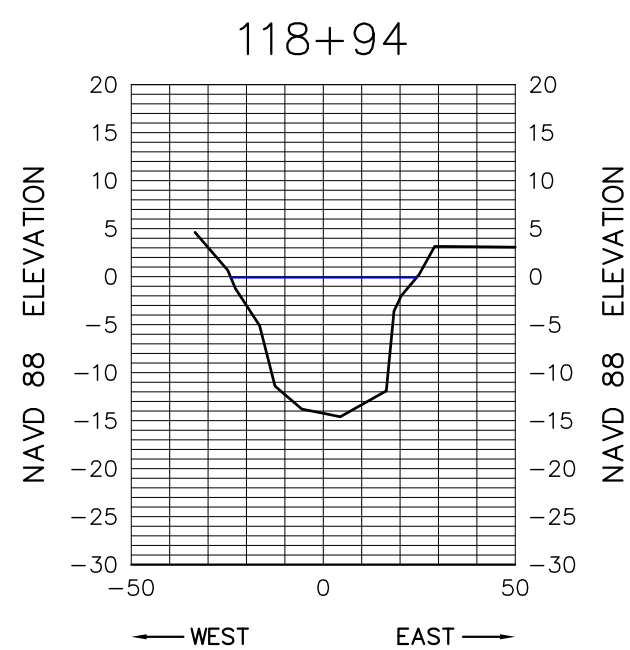
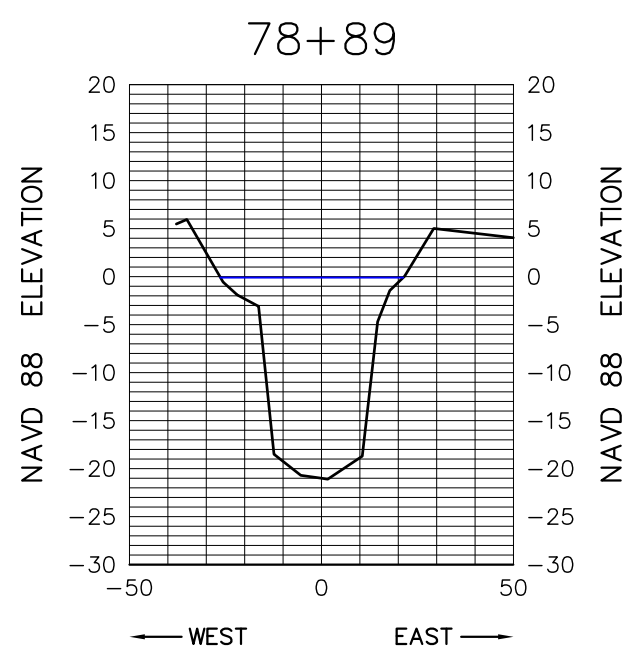
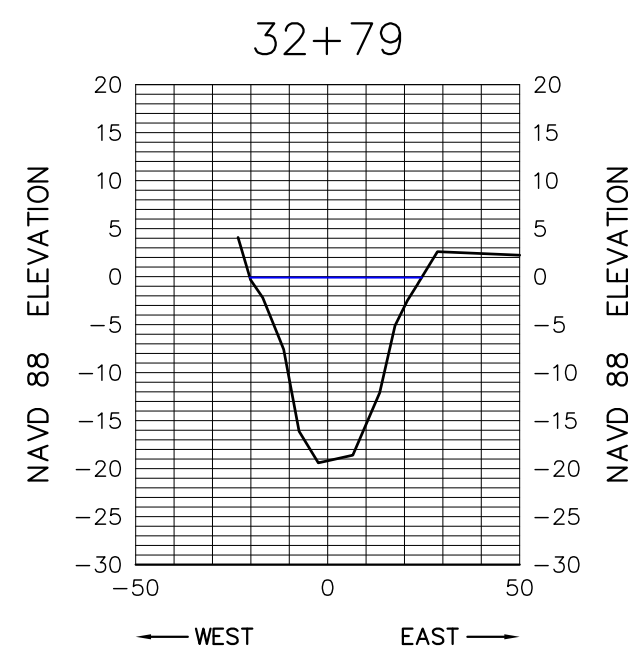
COMMISSION NO.  
5009.92

SCALE  
1" = 400'


DATE  
6/14/10

SHEET 14 OF 78





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
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1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

INTERCEPTOR DITCH CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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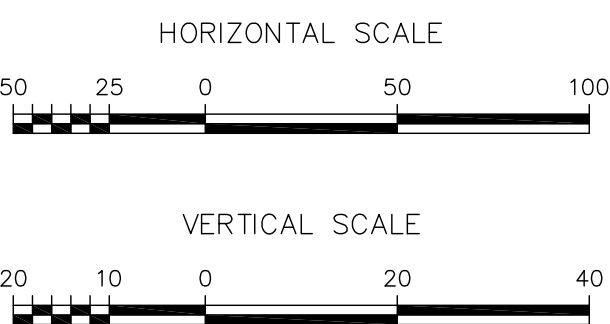
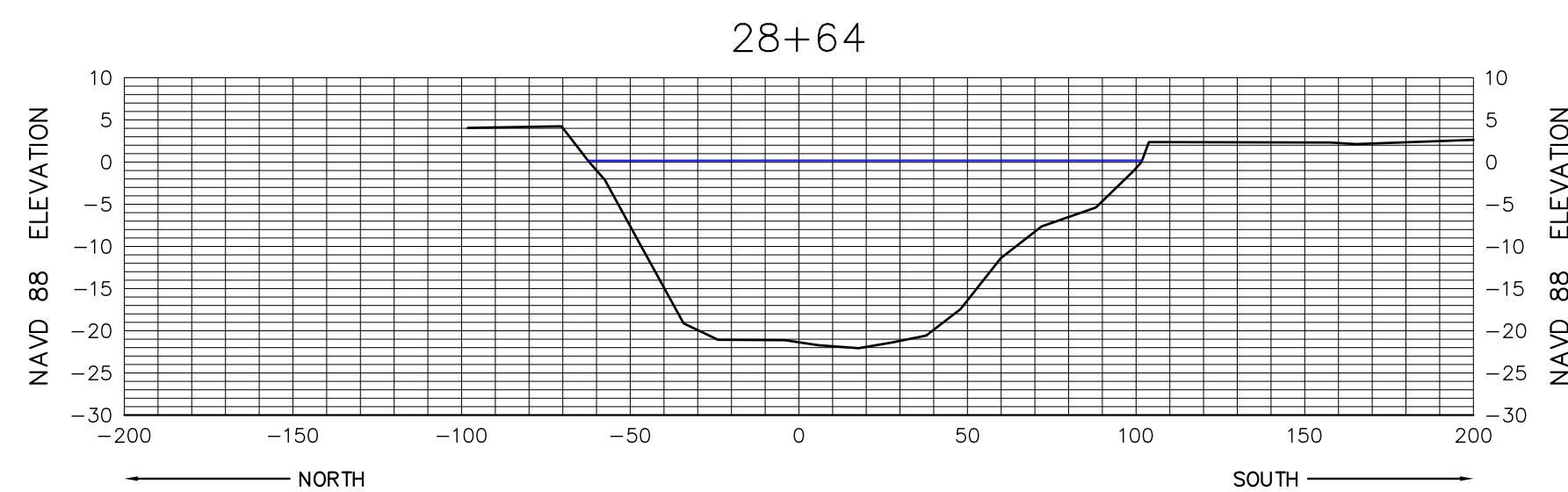
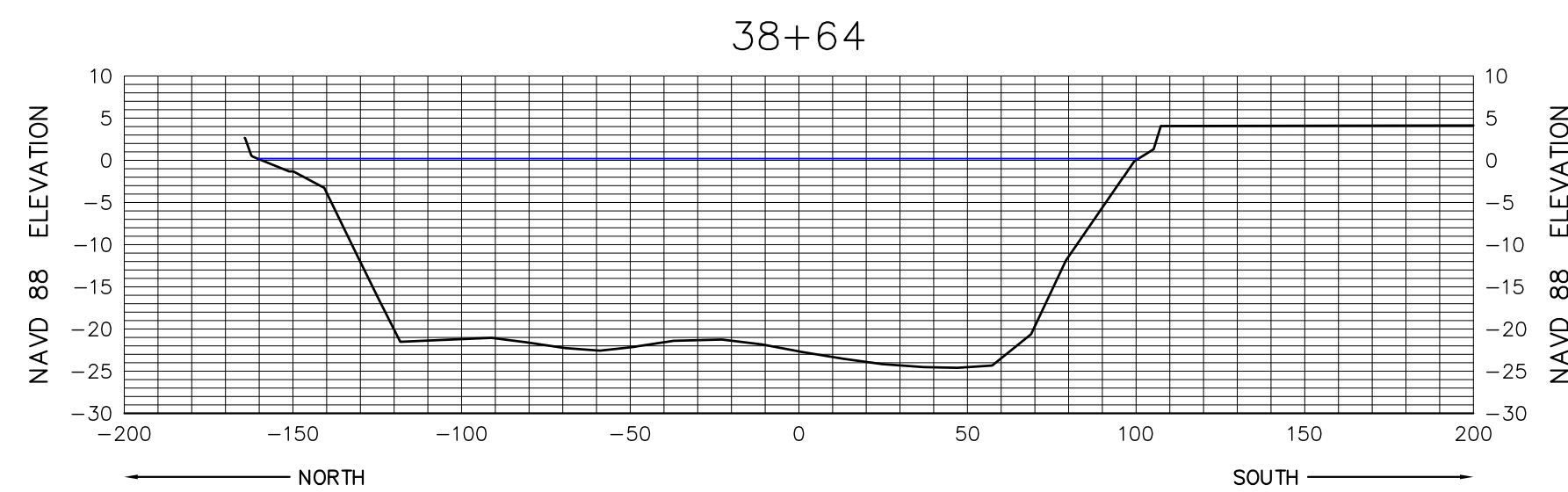
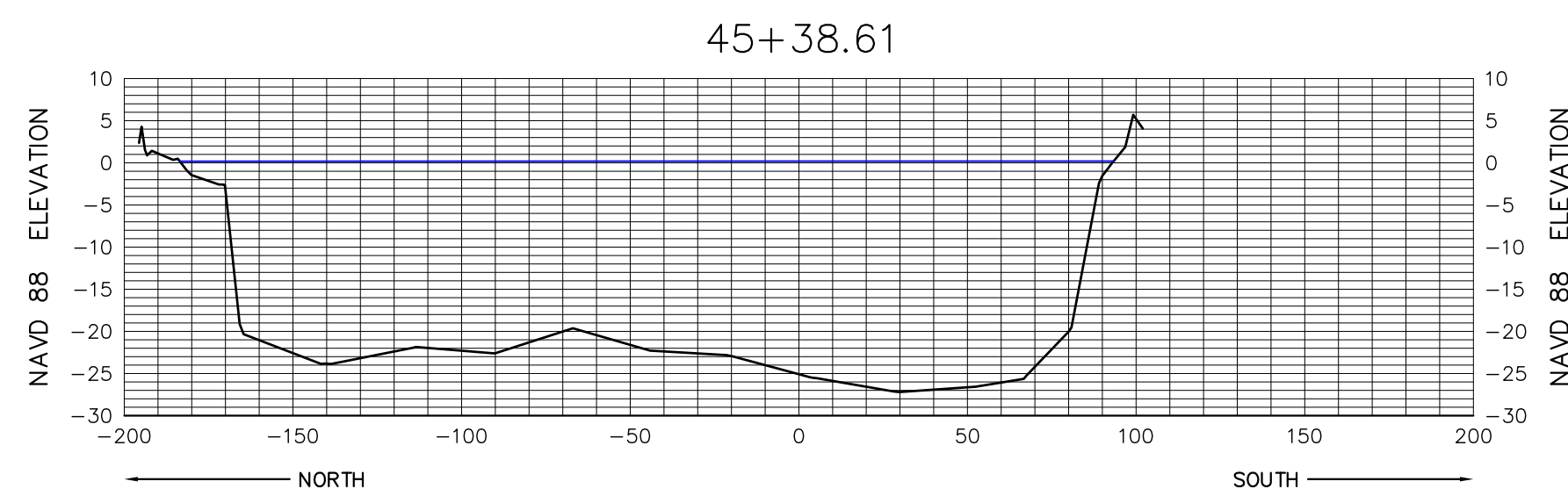
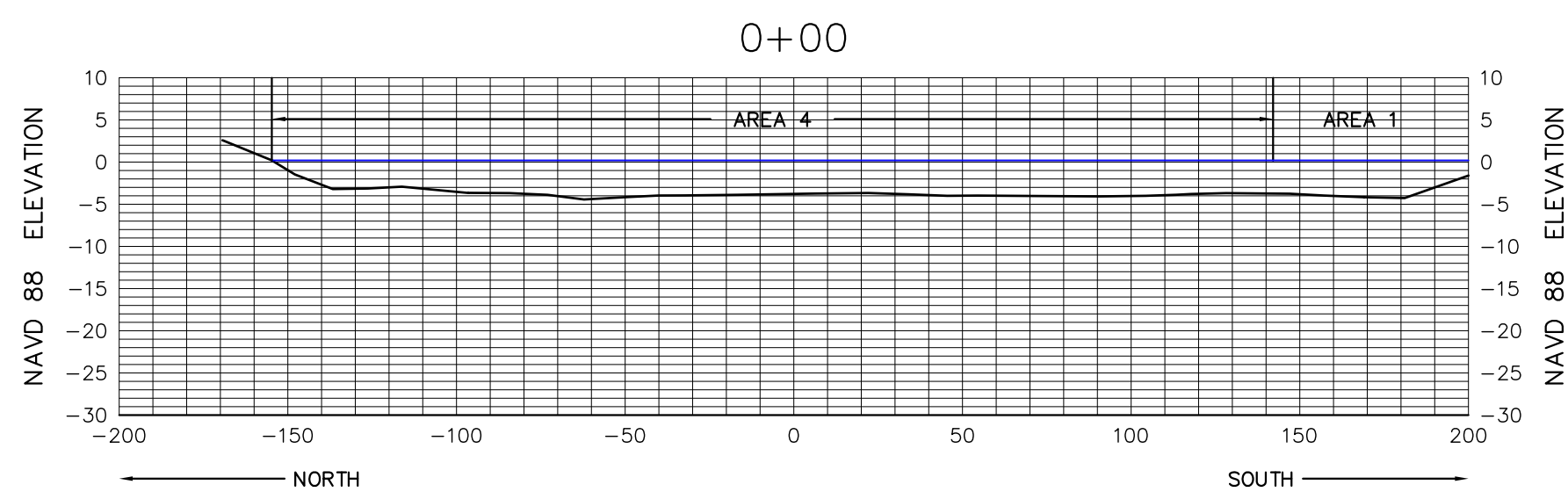
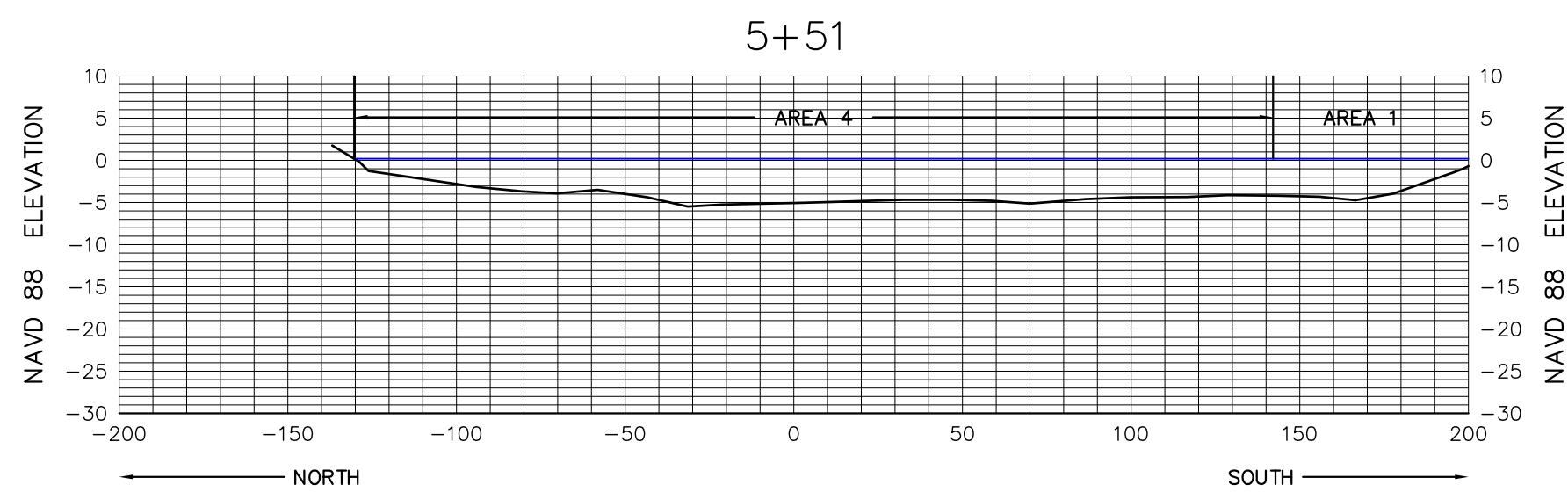
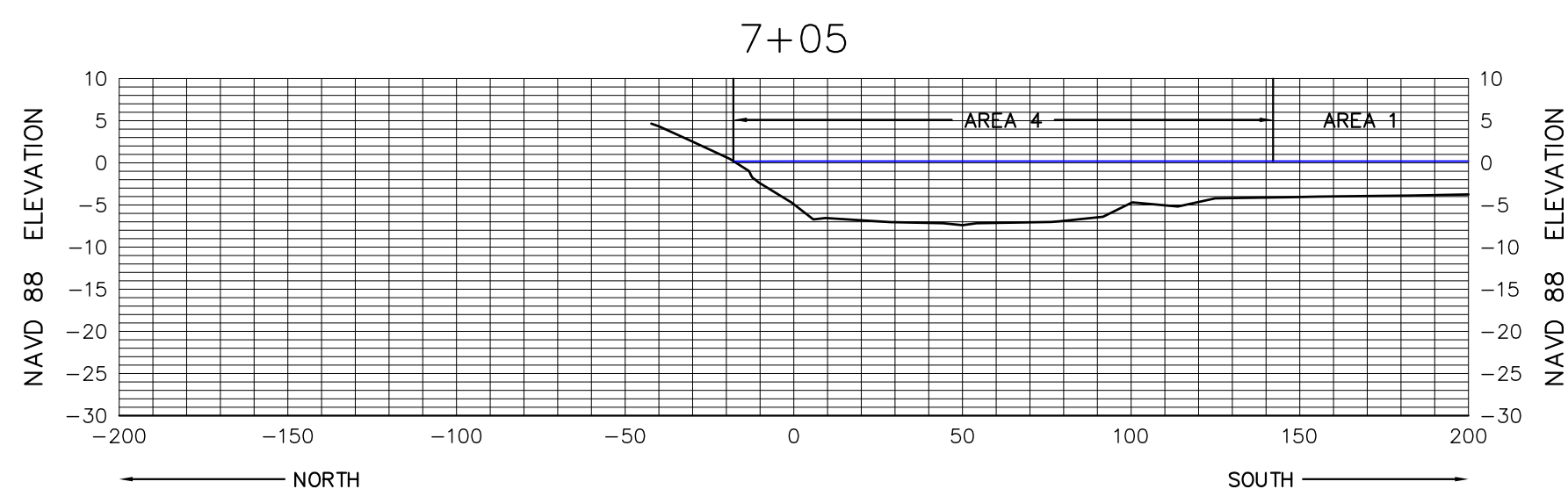
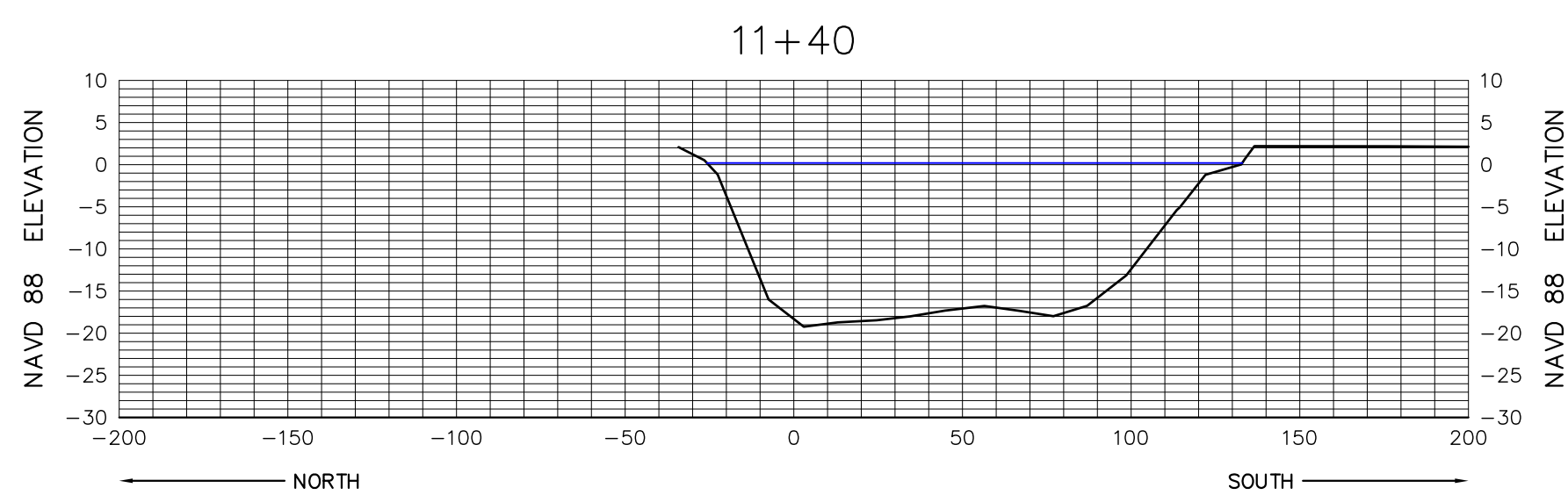
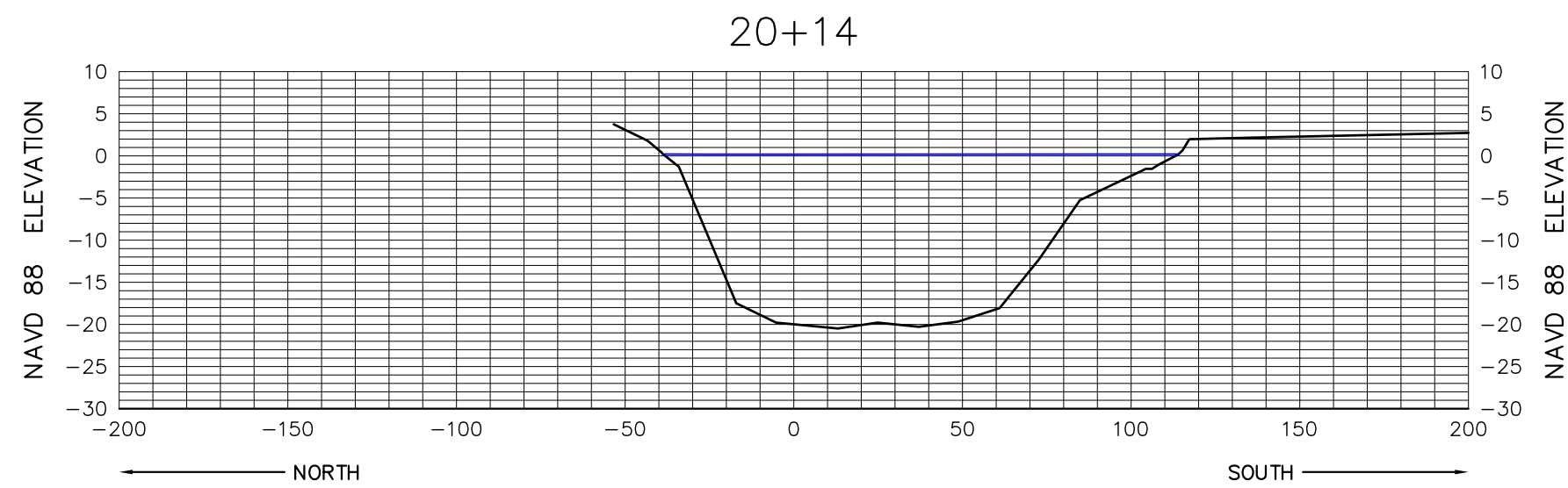
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN


DATE  
6/14/10

SHEET 15 OF 78





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

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LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**NORTH CANAL CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY**  
**TURKEY POINT COOLING CANALS**  
**MIAMI-DADE COUNTY, FLORIDA**  
**- FOR -**  
**FLORIDA POWER AND LIGHT**

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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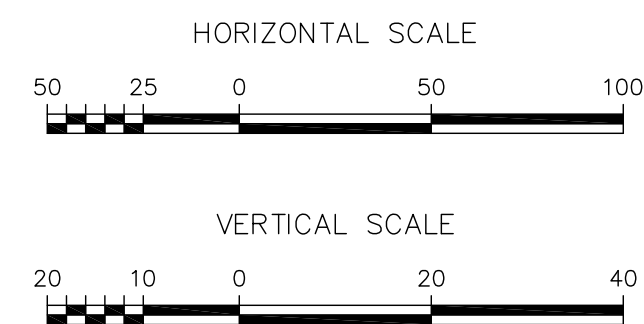
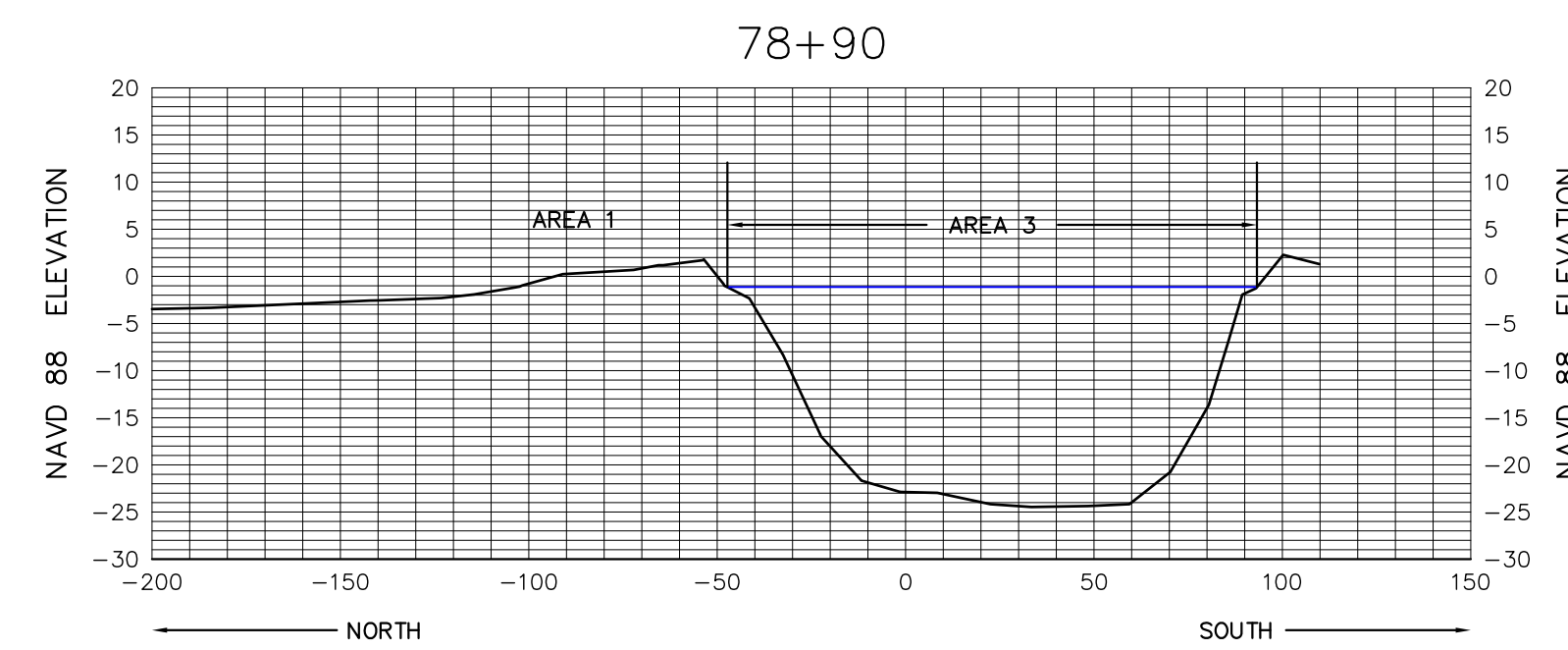
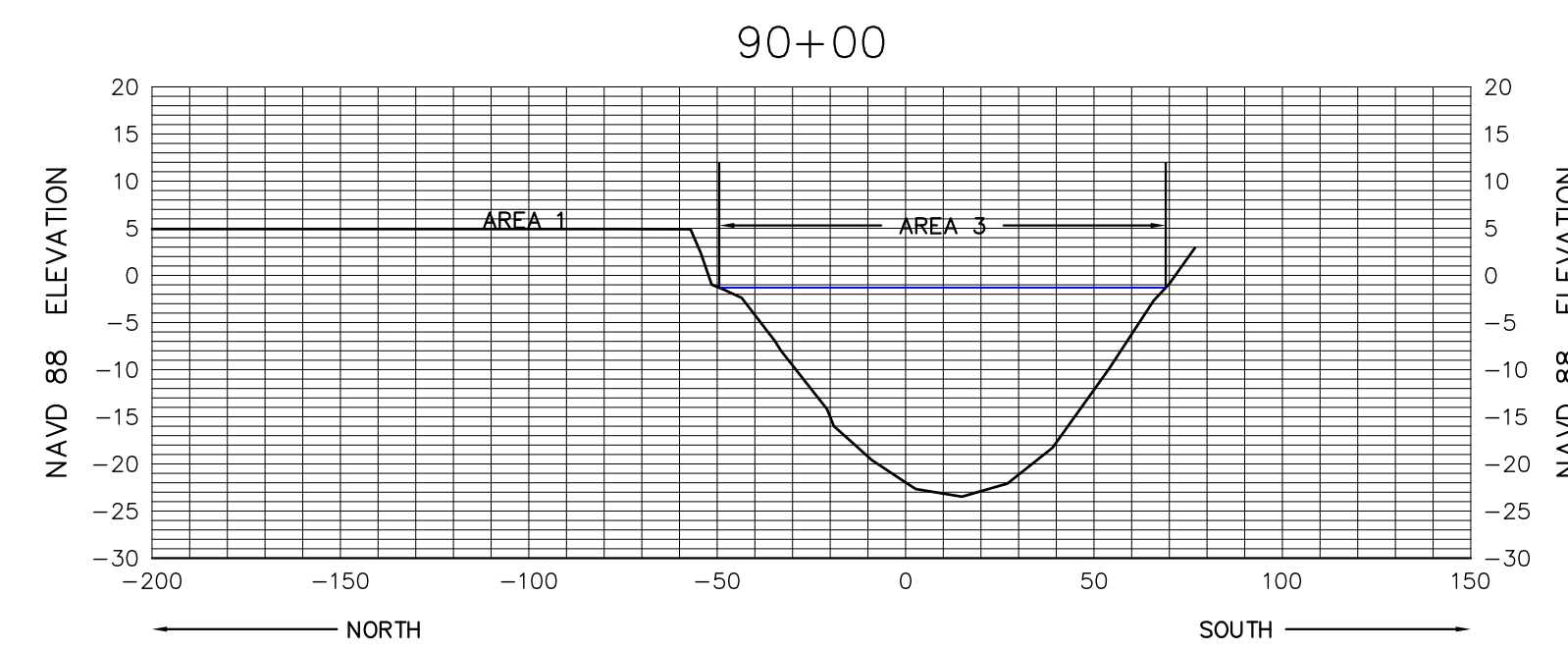
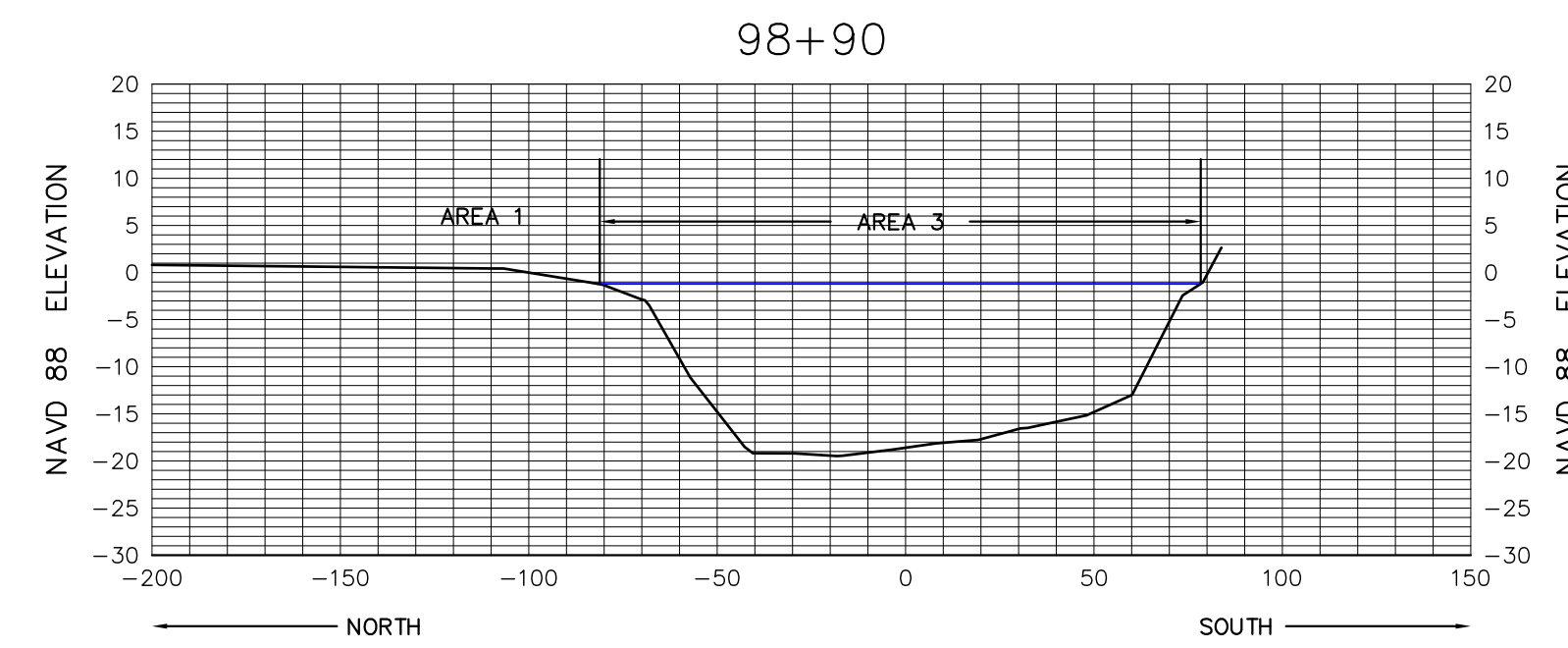
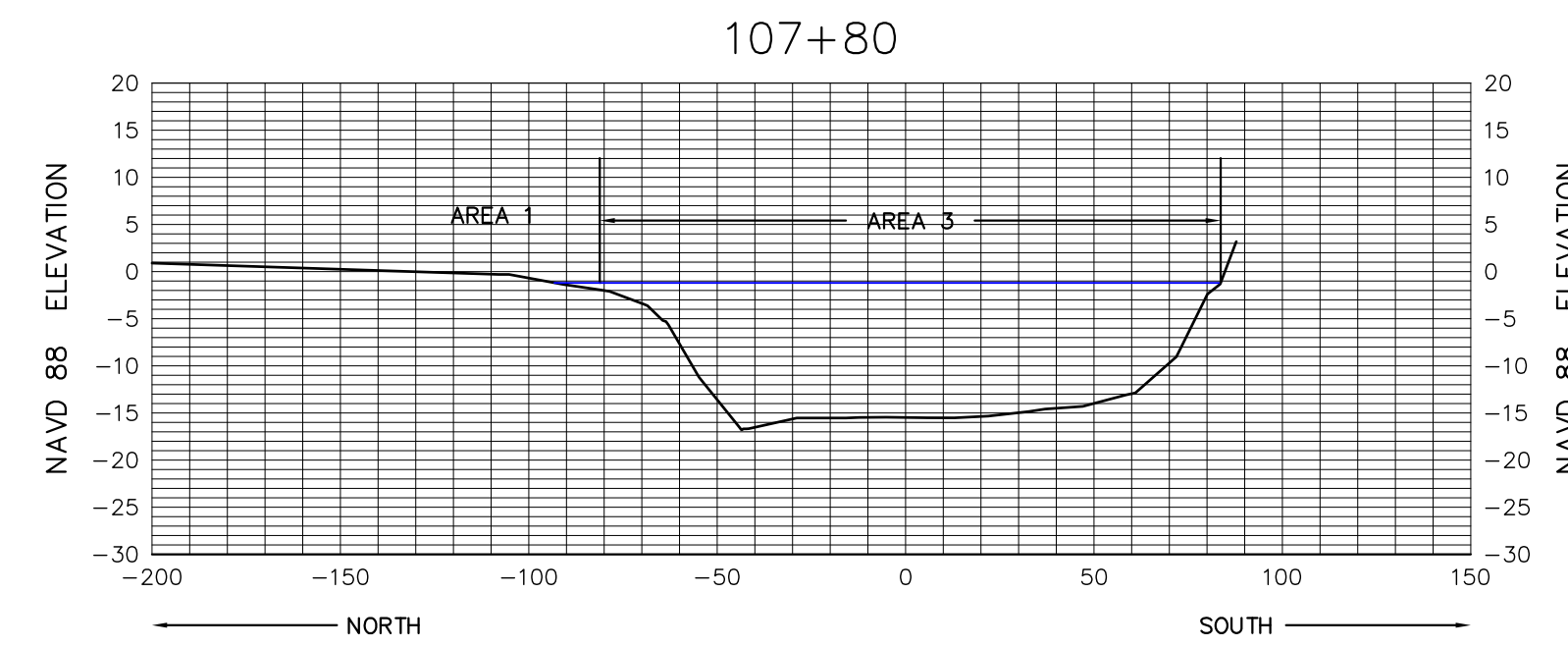
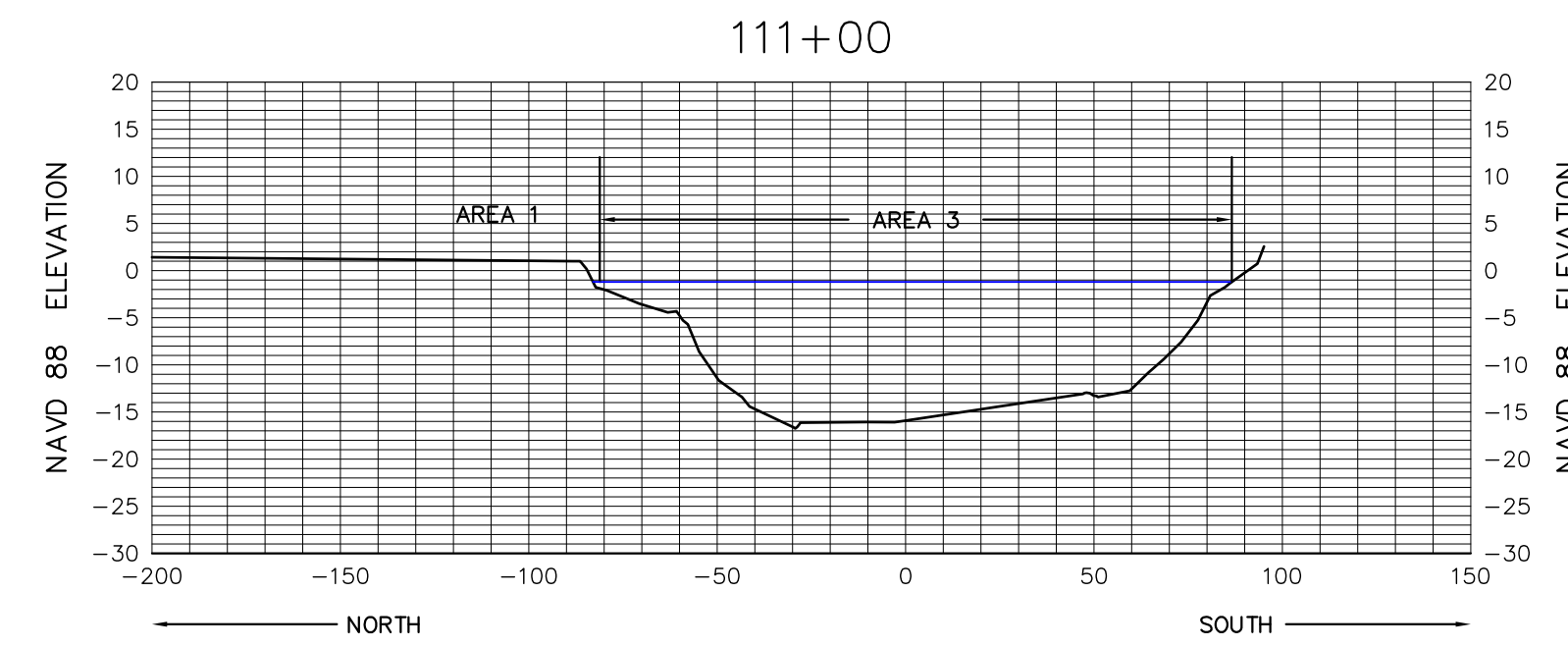
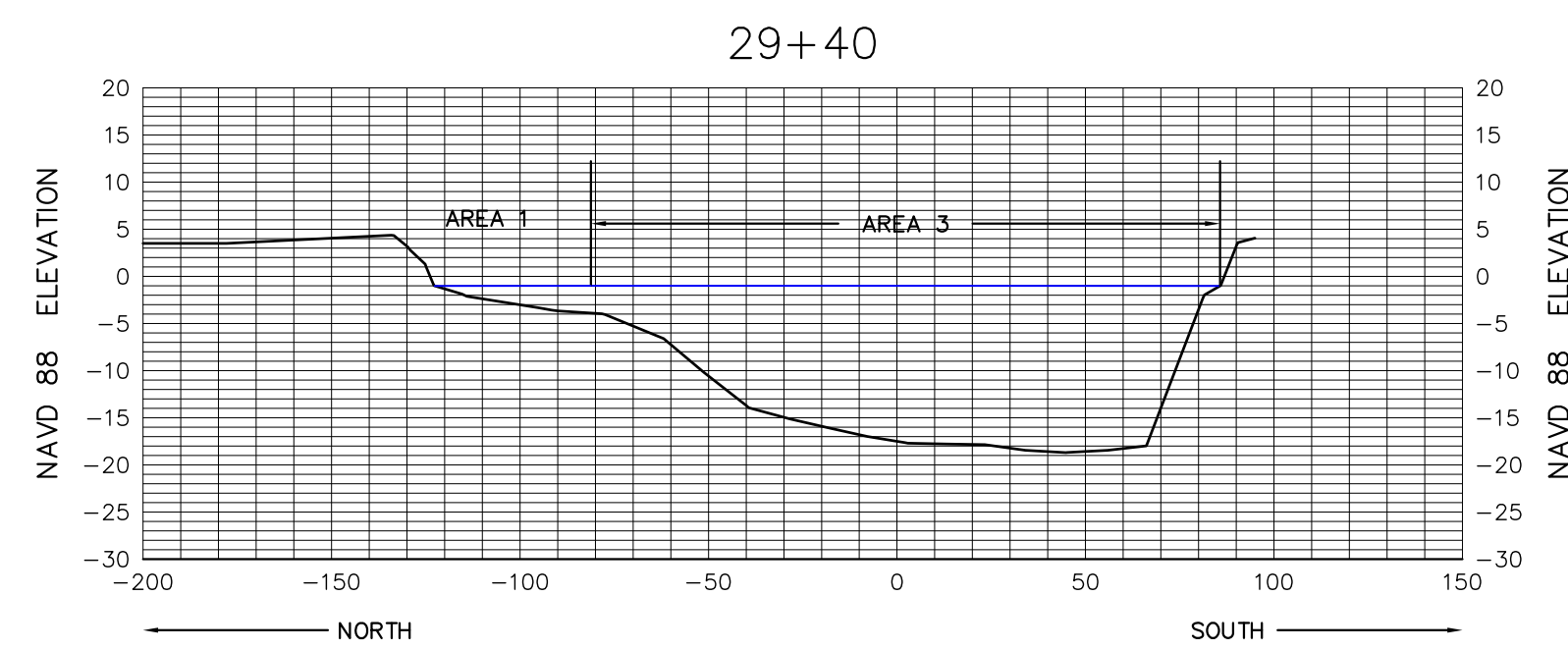
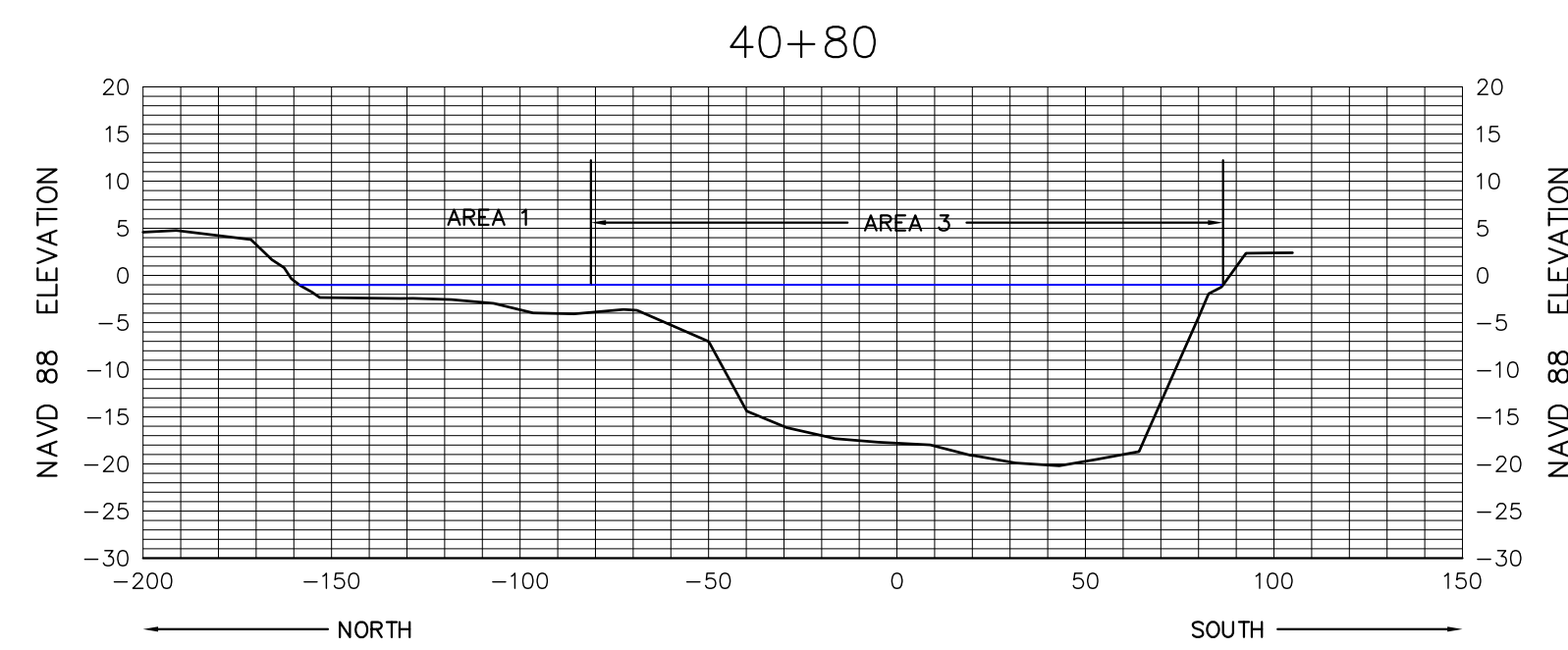
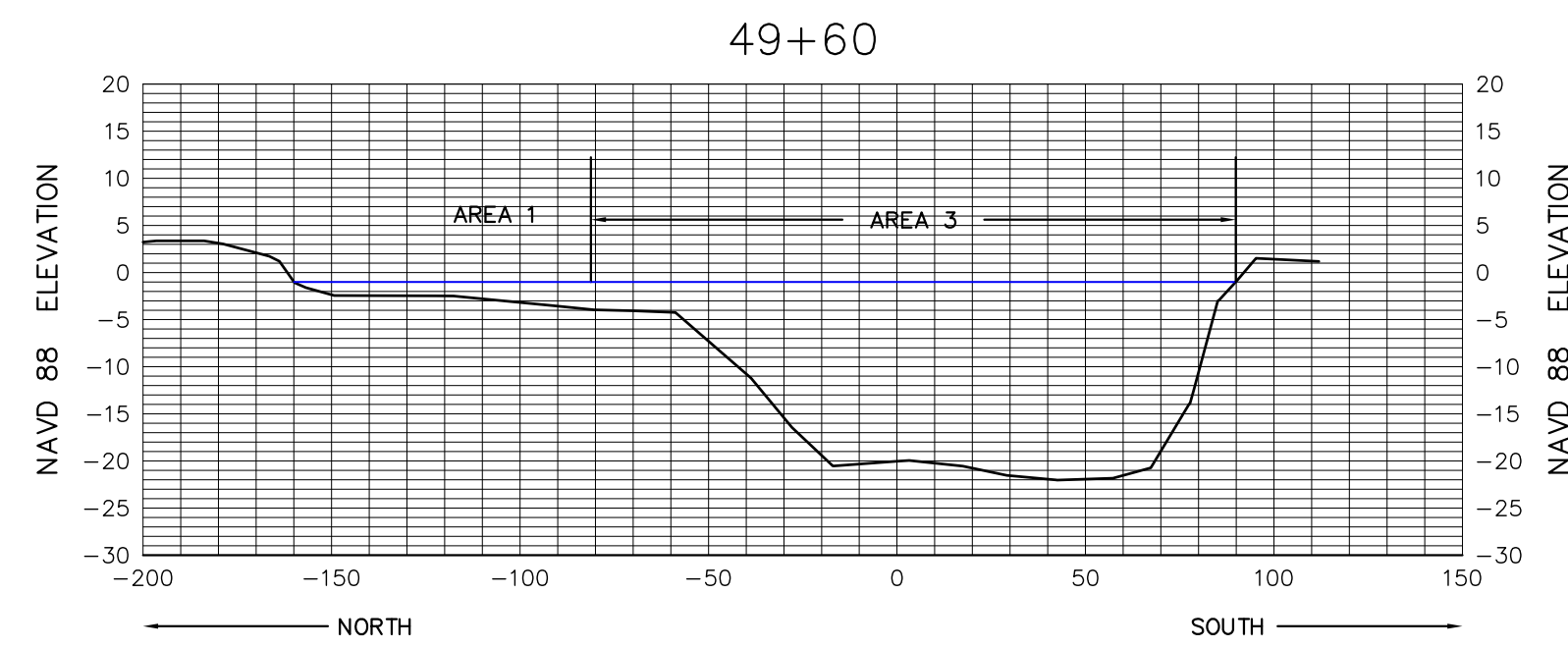
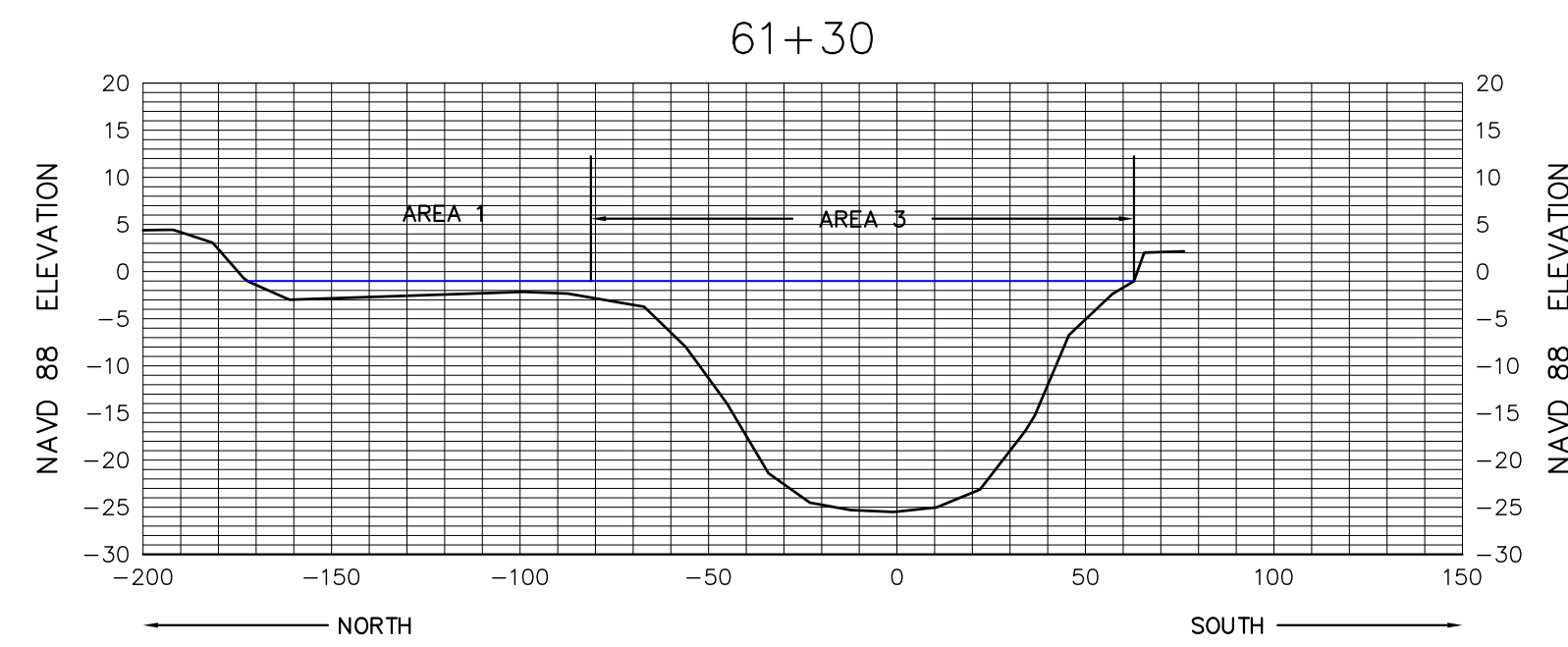
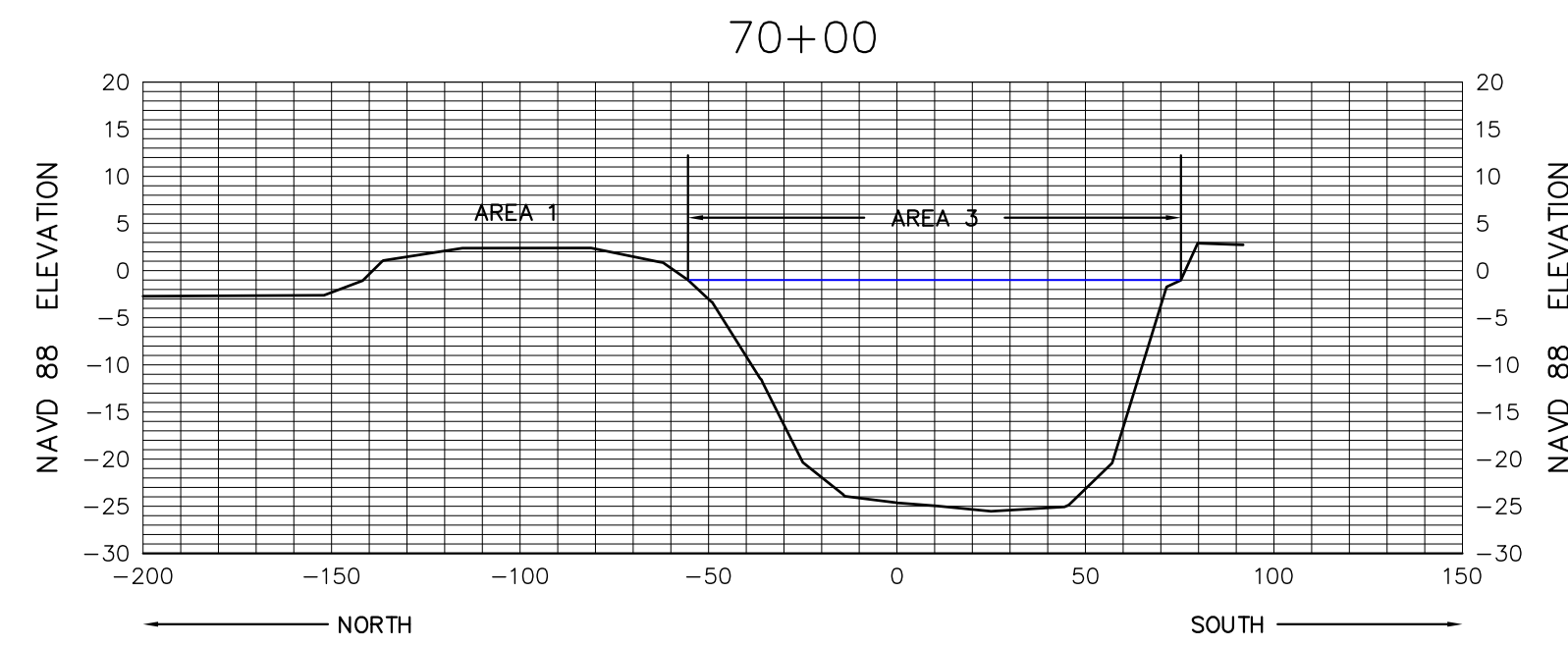
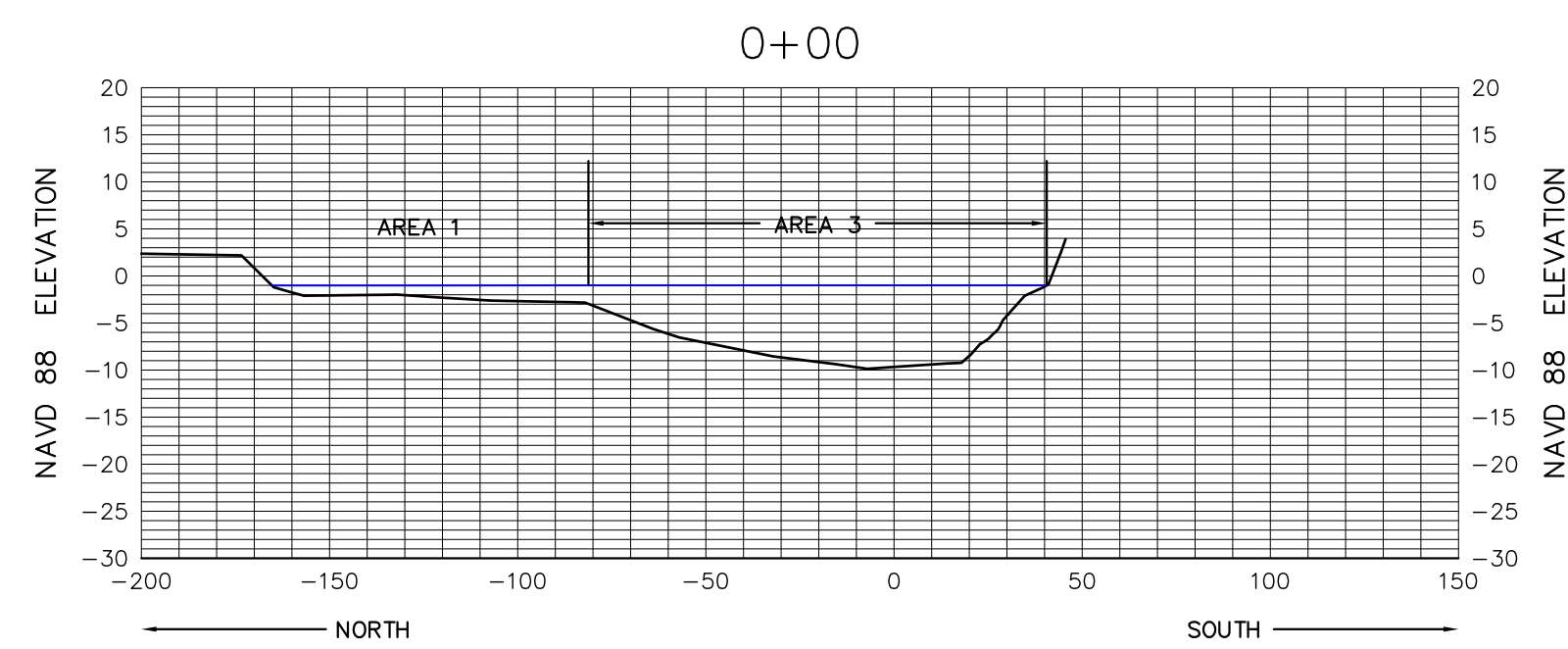
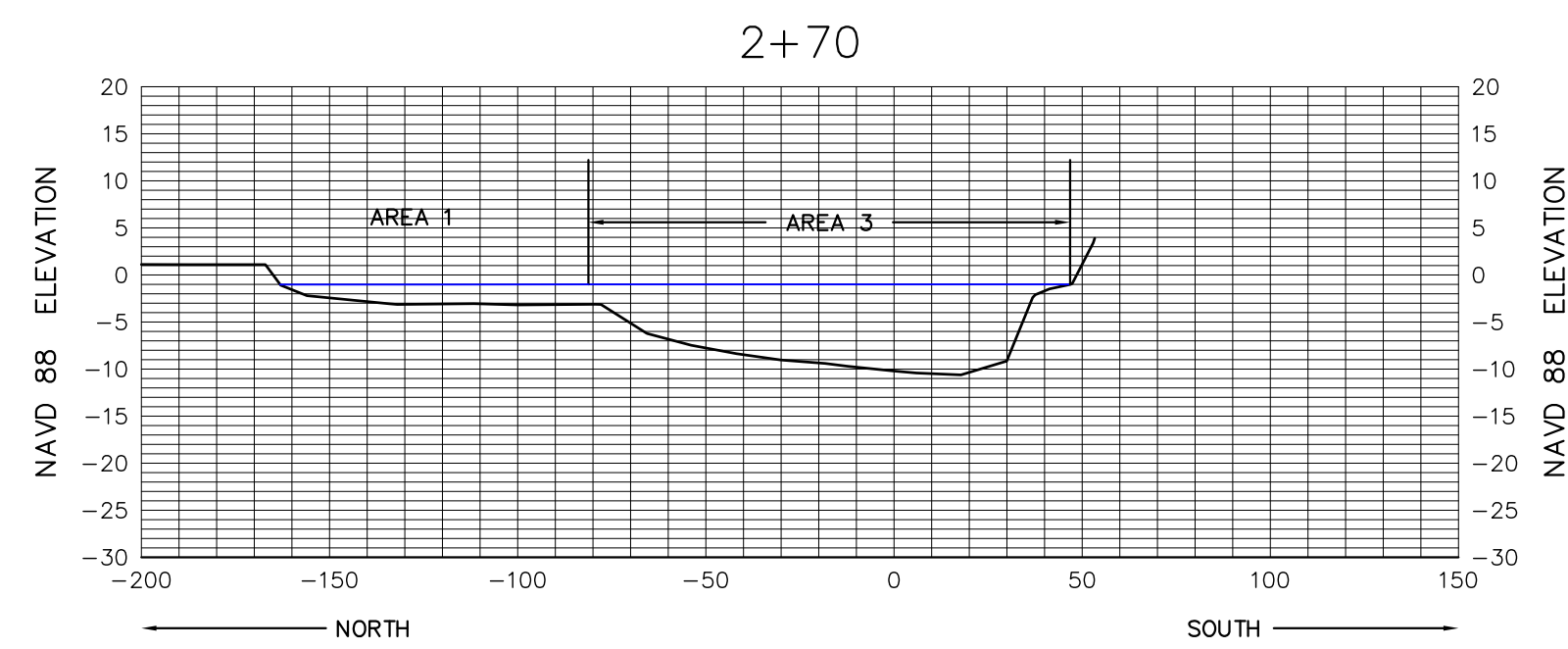
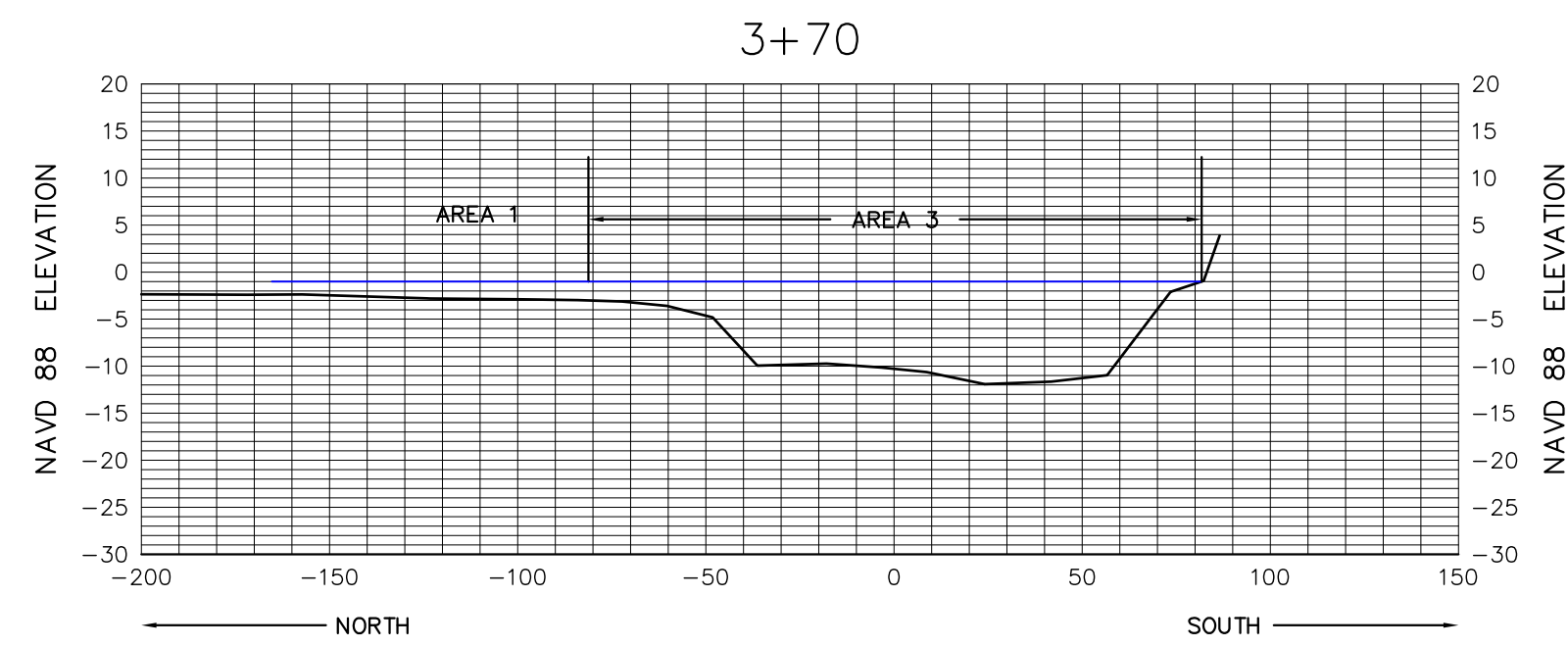
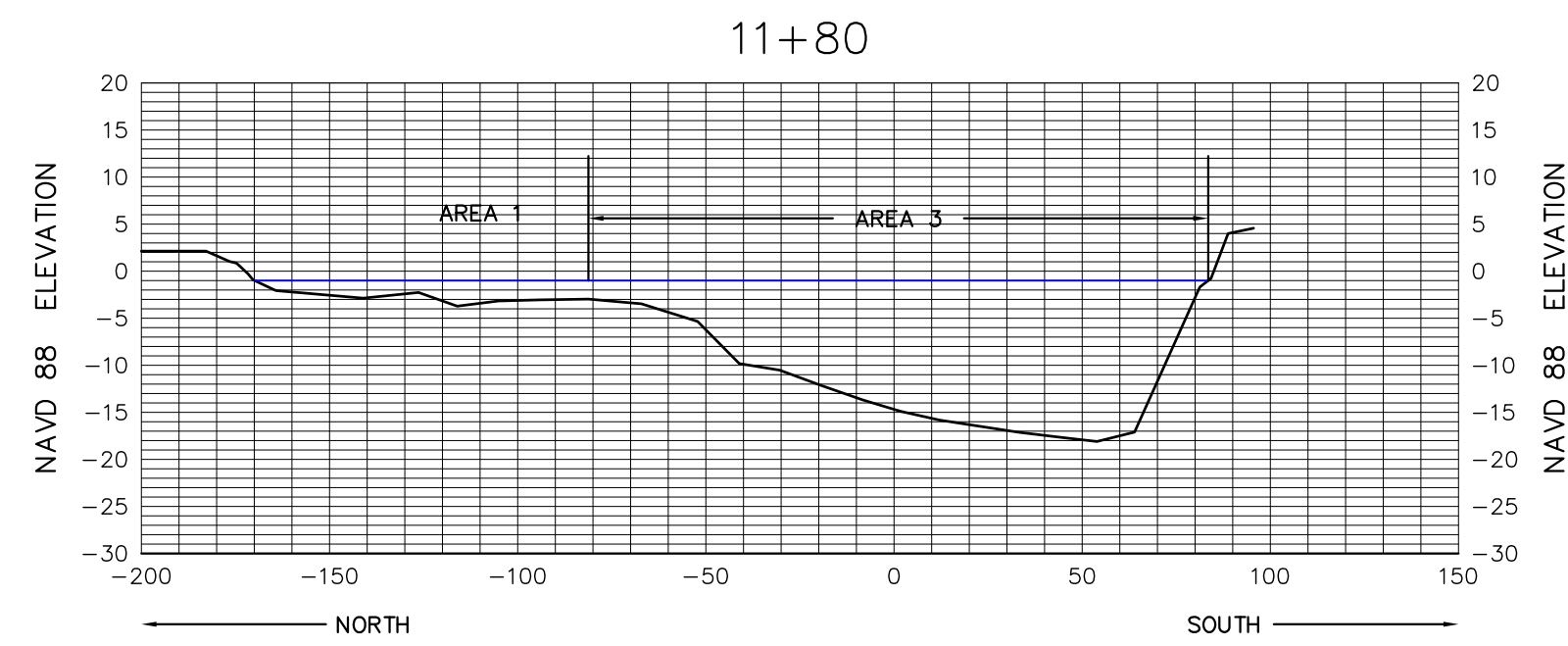
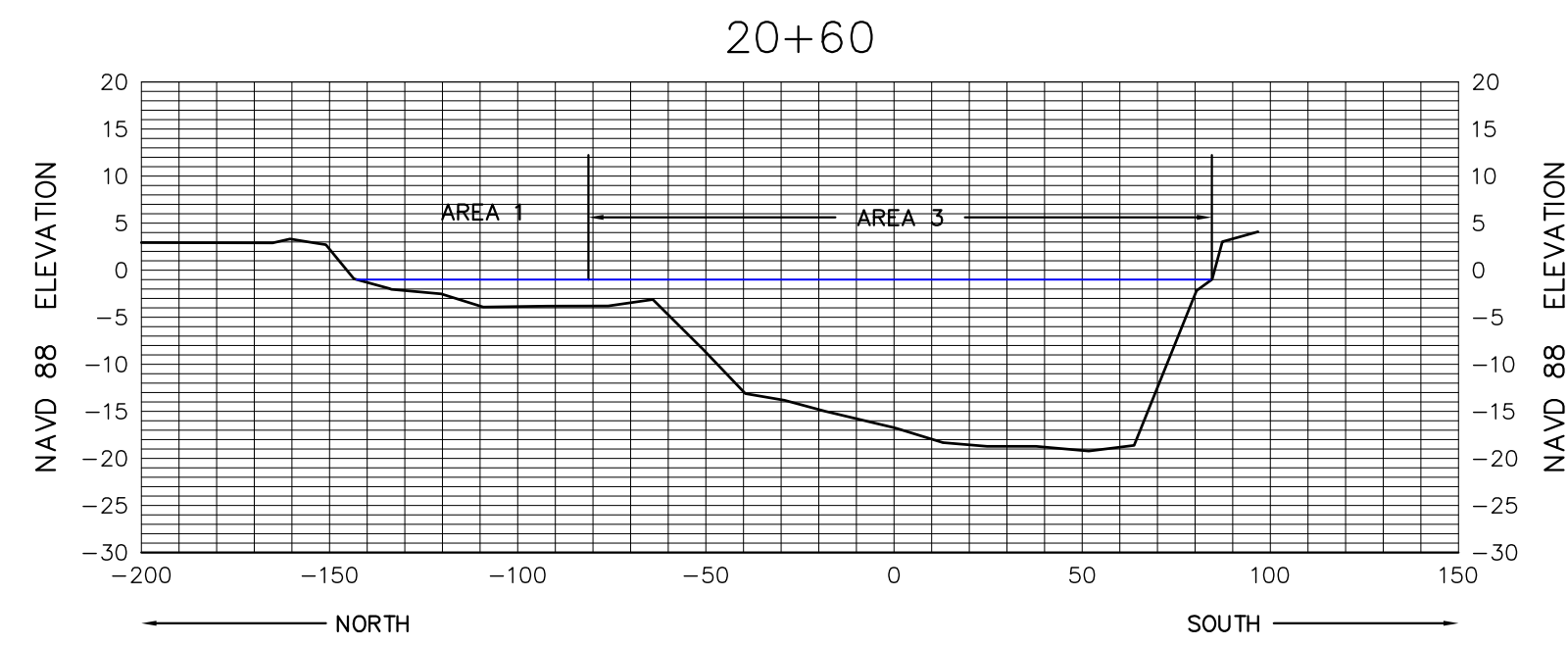
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN

DATE  
6/14/10

SHEET 16 OF 78





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
 8745 US HIGHWAY #1  
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 WABASSO, FL 32970  
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 FAX: (772) 388-3165  
 1500 S.E. 3RD COURT  
 SUITE 110  
 DEERFIELD BEACH, FL 33441  
 PHONE: (954) 421-6882  
 FAX: (954) 421-0451  
 LB # 4298

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JOHN R. MORGAN, II, PLS  
 PROFESSIONAL LAND SURVEYOR # 3520  
 STATE OF FLORIDA

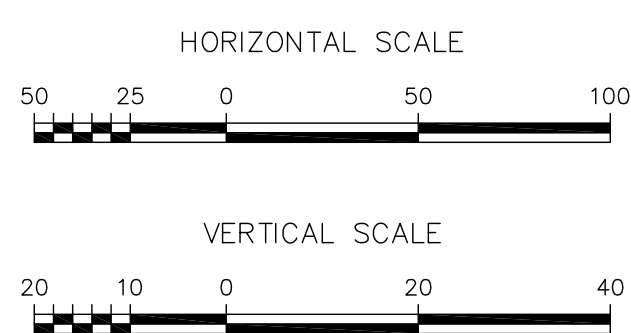
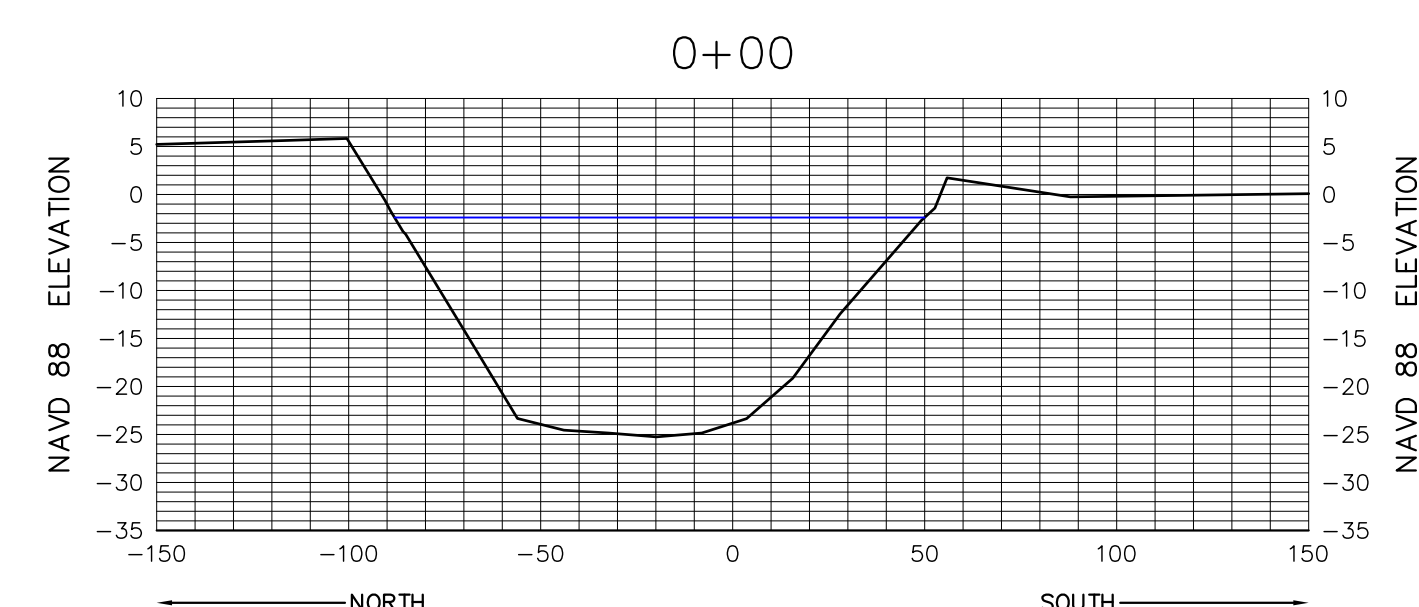
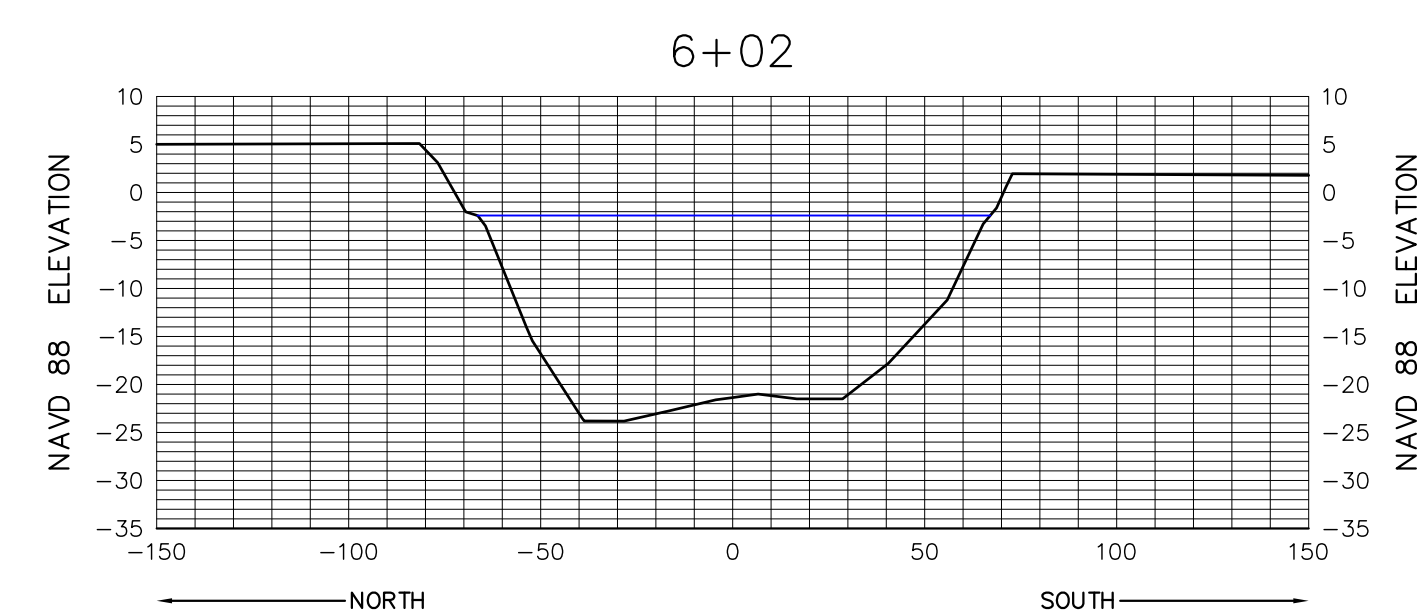
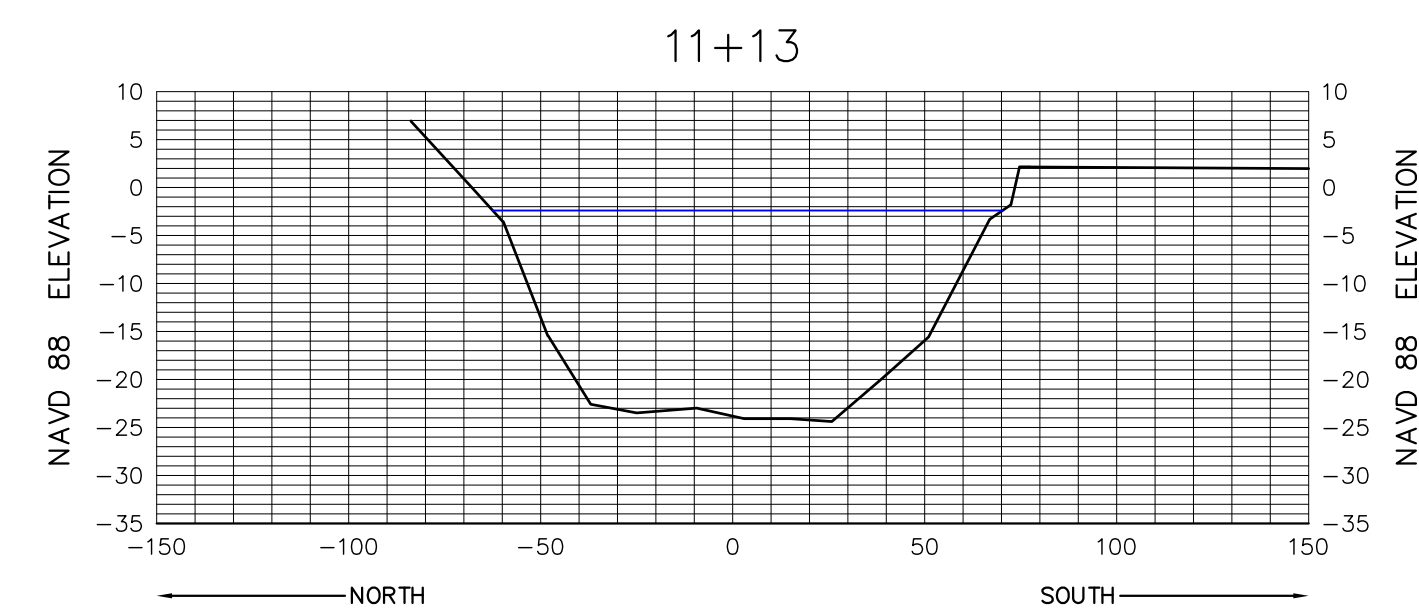
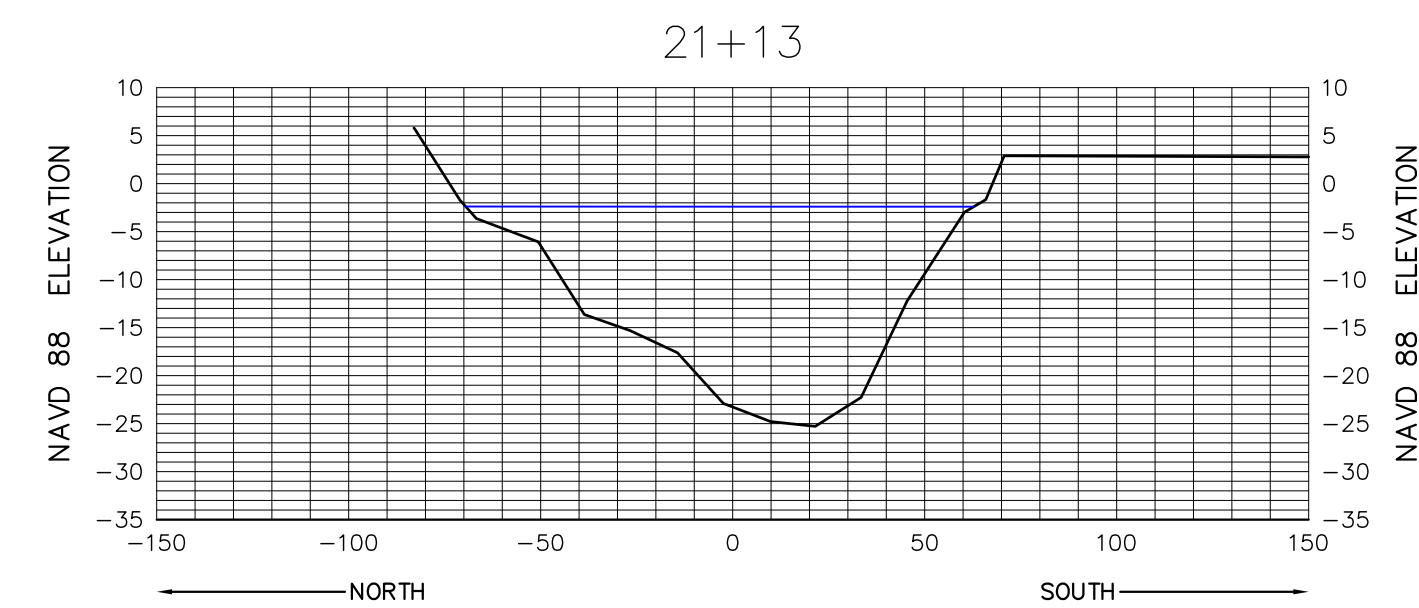
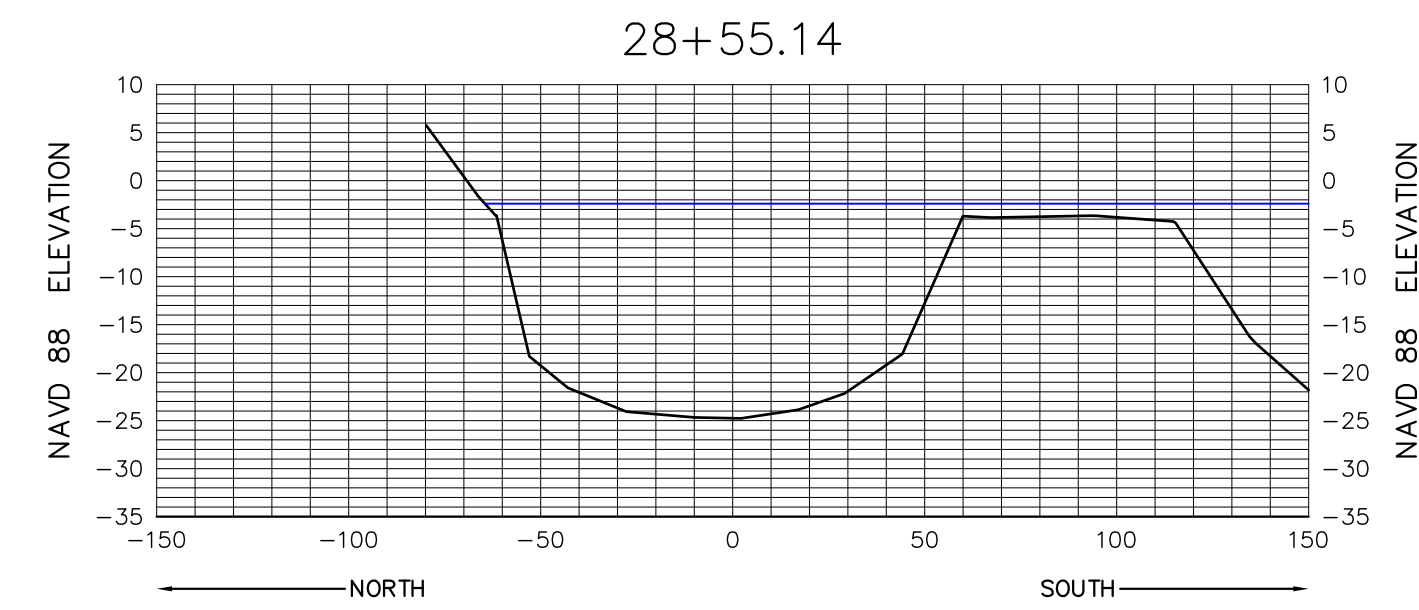
SOUTH CANAL CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
 TURKEY POINT COOLING CANALS  
 MIAMI-DADE COUNTY, FLORIDA  
 - FOR -  
 FLORIDA POWER AND LIGHT

DRAWN BY: CAG  
 CHECKED BY: JRM  
 FIELD BOOK: SEE  
 PAGE NO.: COVER  
 DATE OF SURVEY: 6/2/10

COMMISSION NO.  
 5009.92  
 SCALE  
 AS SHOWN  
 DATE  
 6/14/10  
 SHEET 17 OF 78





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# MORGAN & EKLUND, INC.

## PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
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SUITE 110  
DEERFIELD BEACH, FL 33441  
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FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

## EAST CANAL CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

COMMISSION NO.  
5009.92

SCALE  
AS SHOWN

DATE  
6/14/10

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CAG

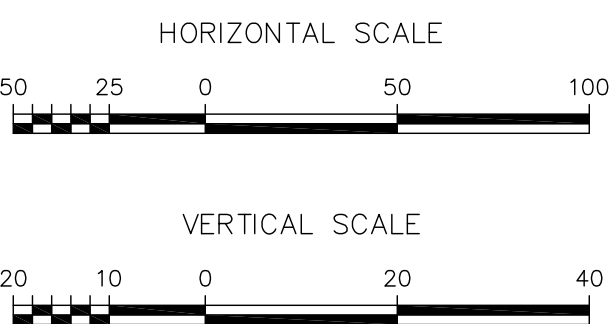
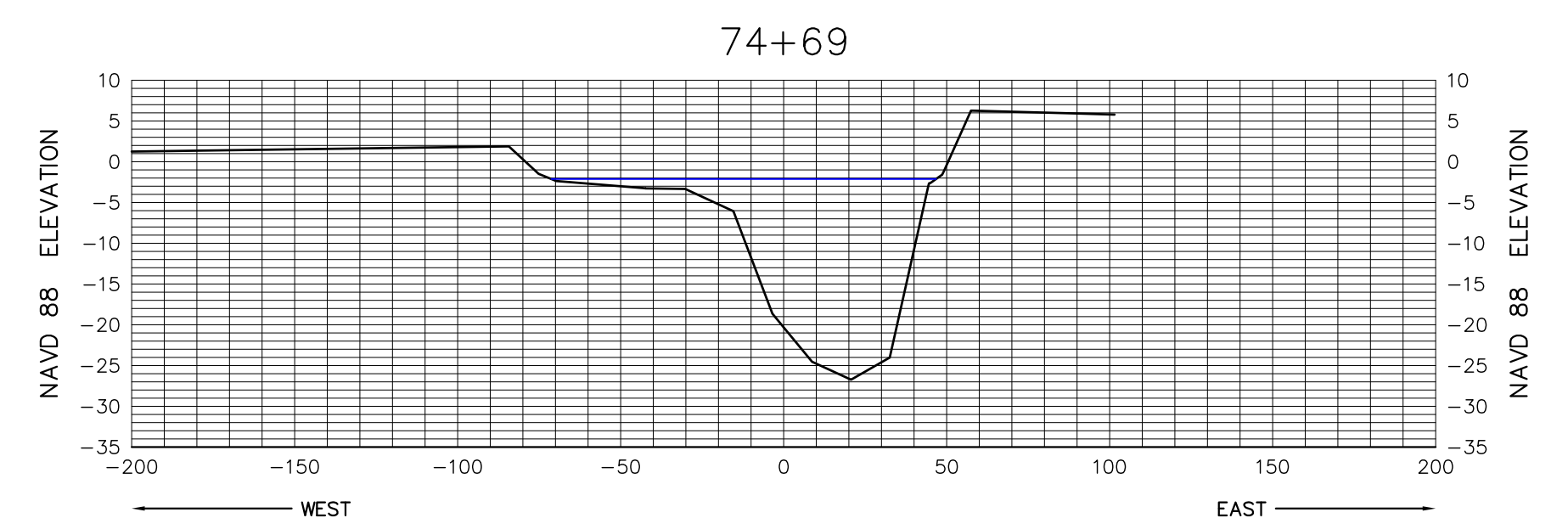
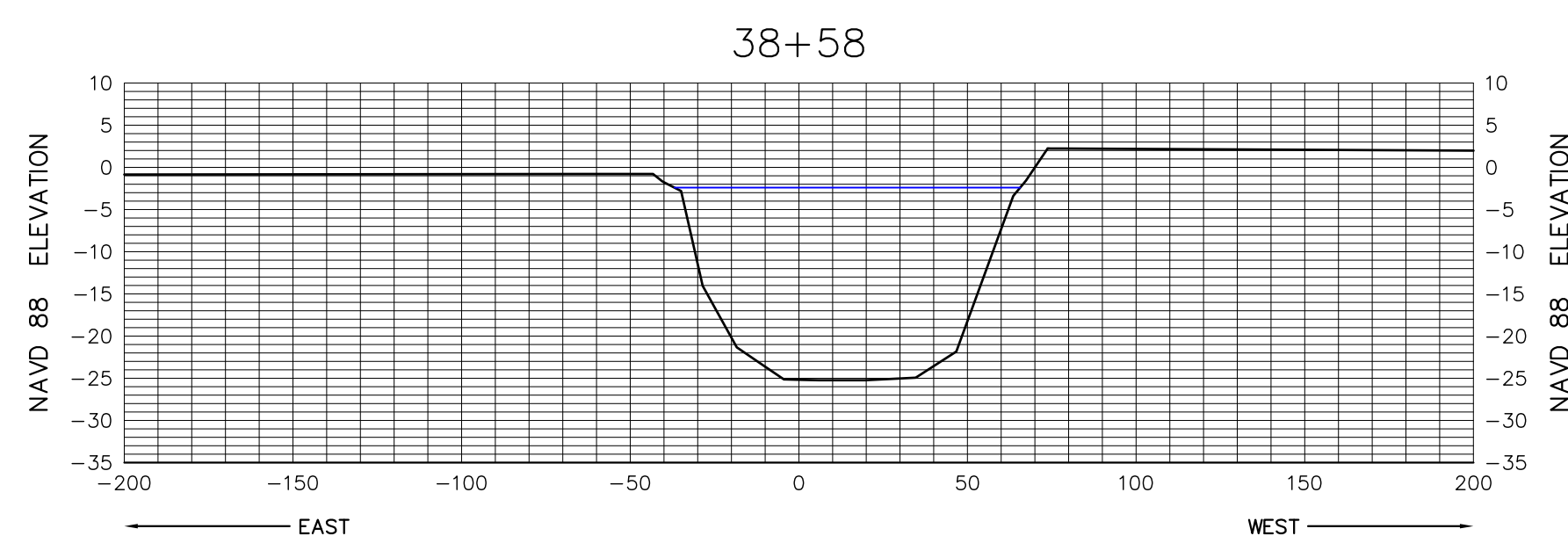
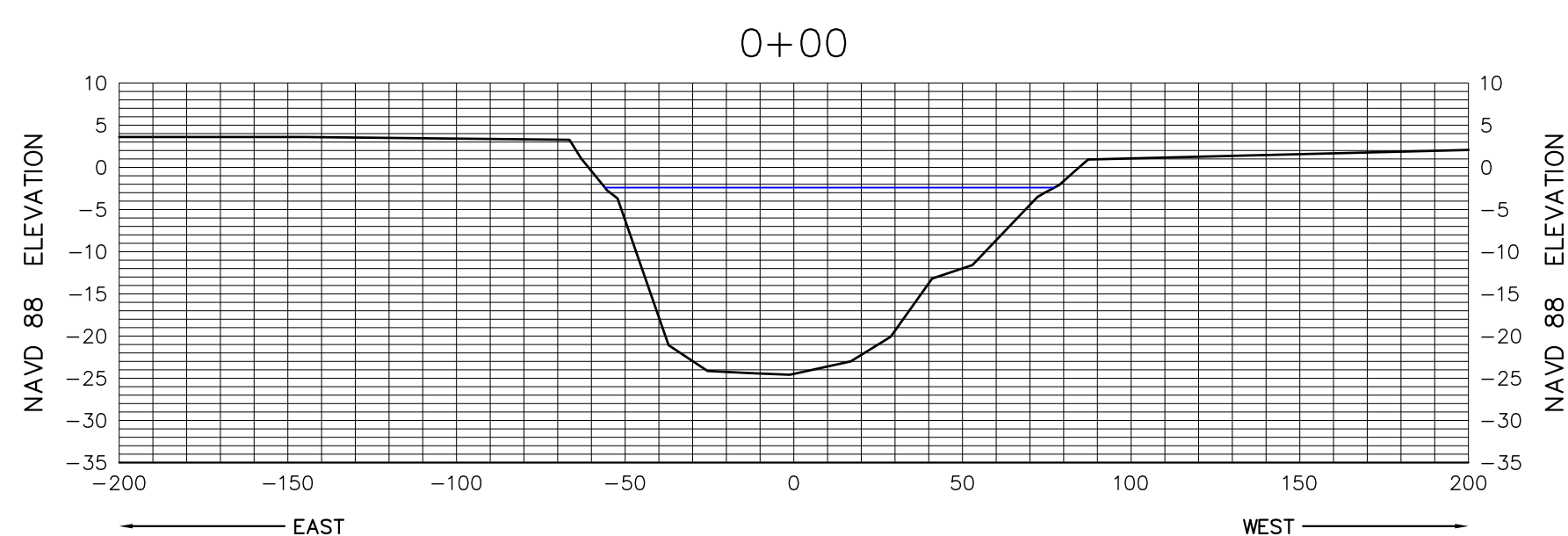
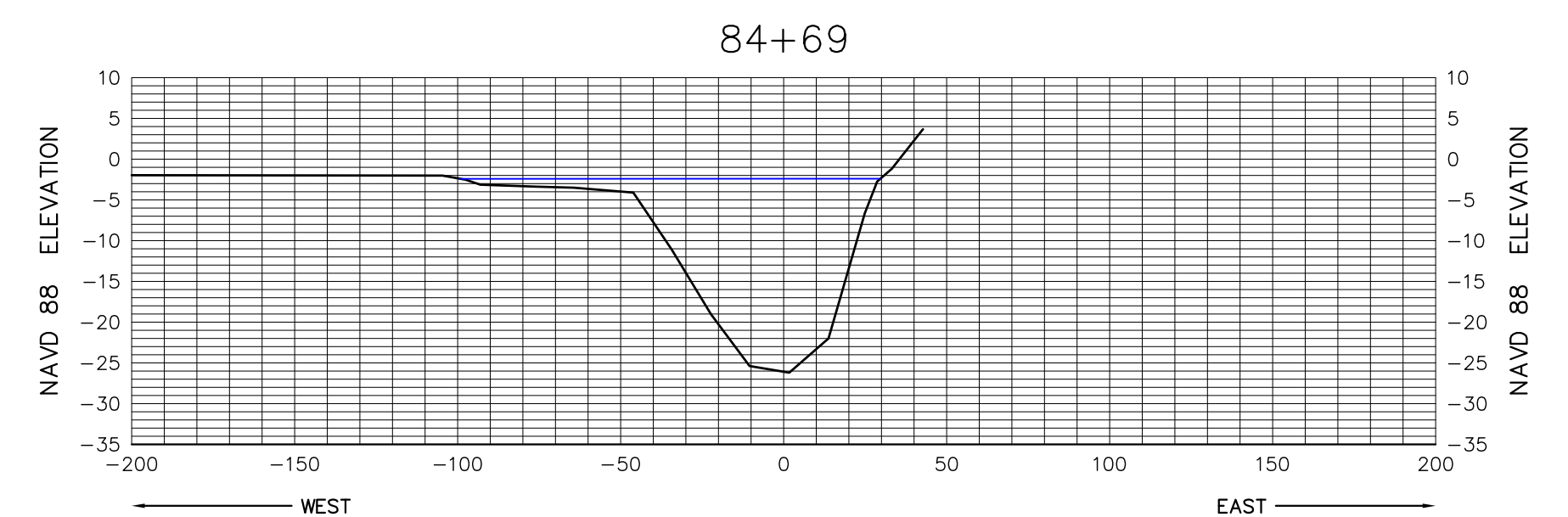
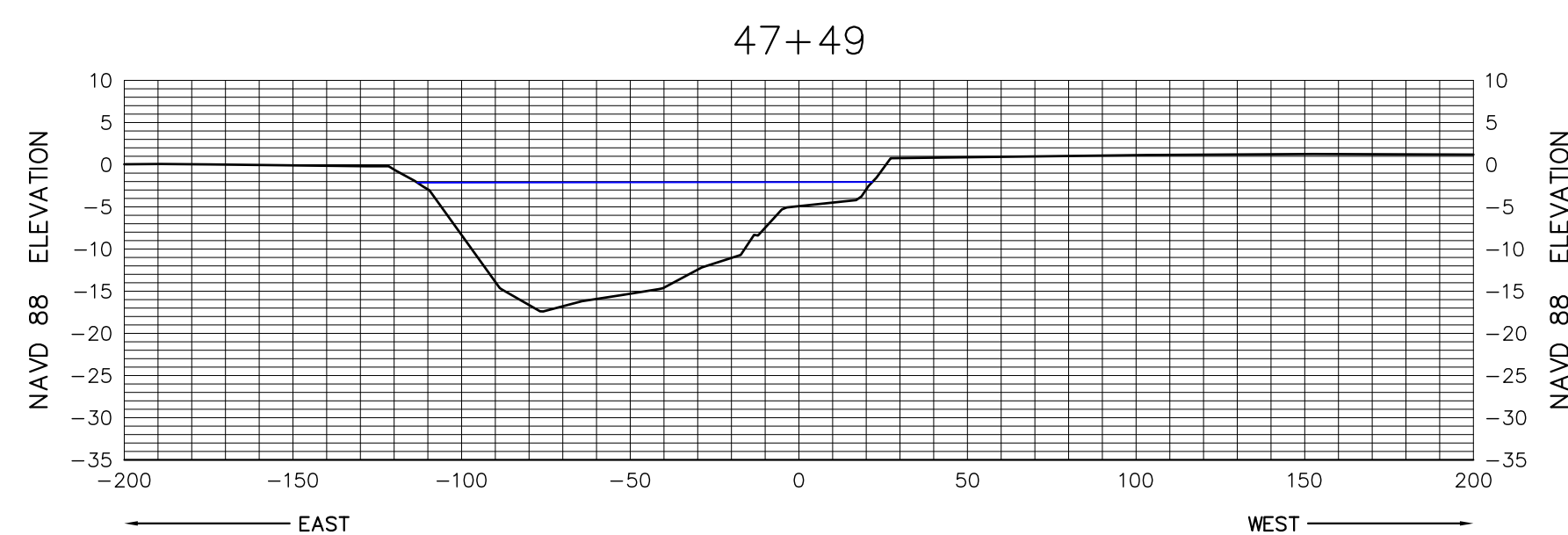
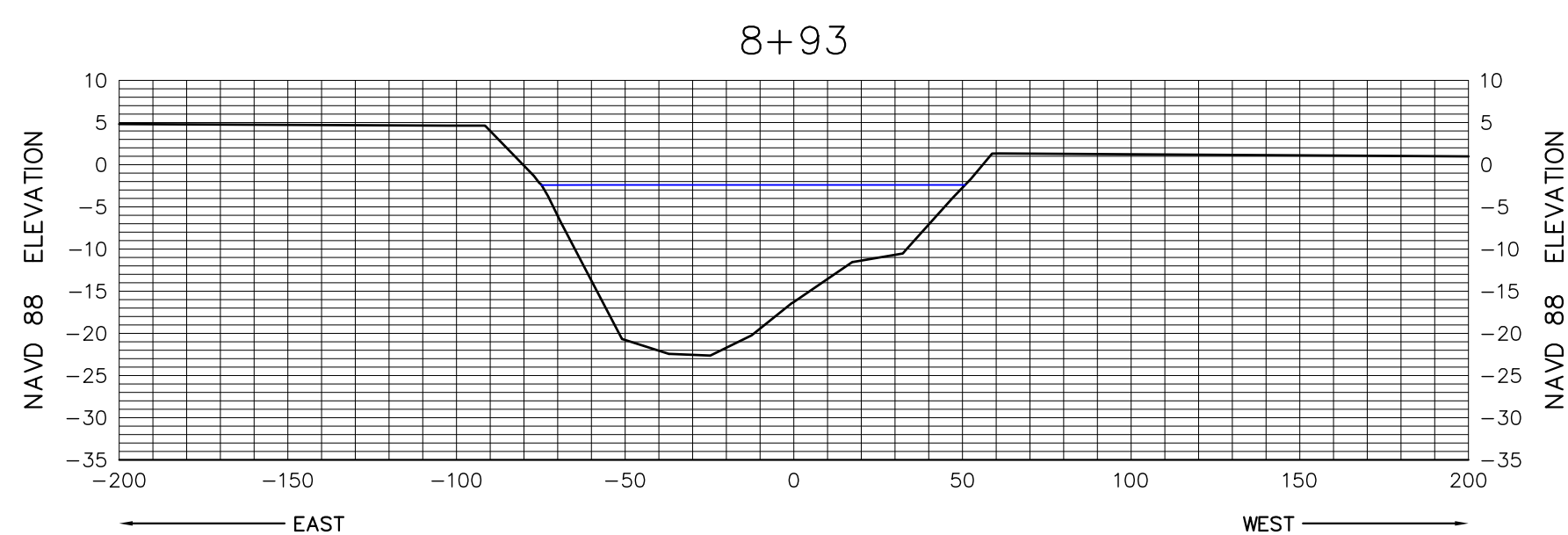
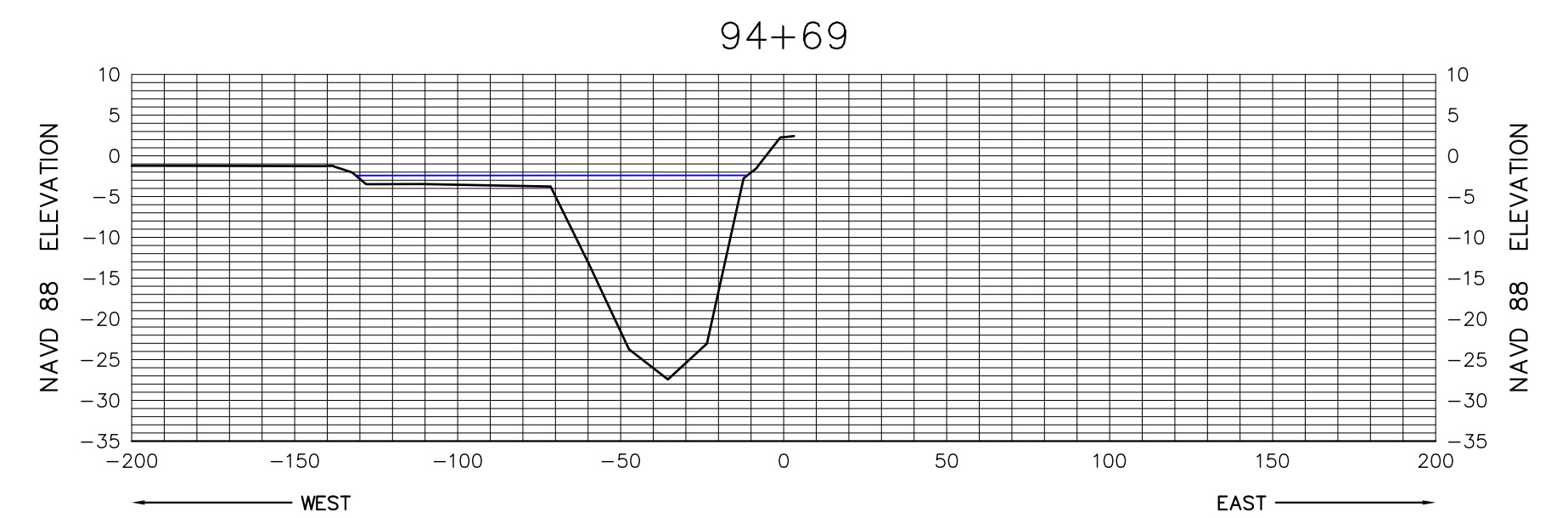
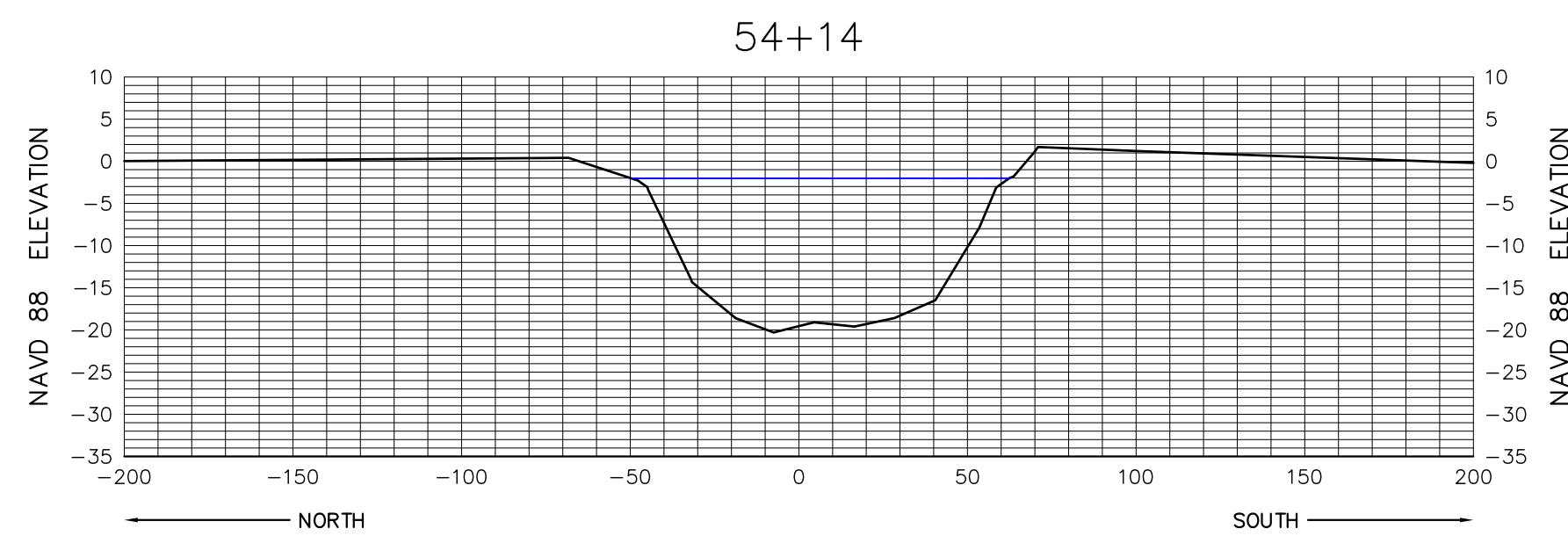
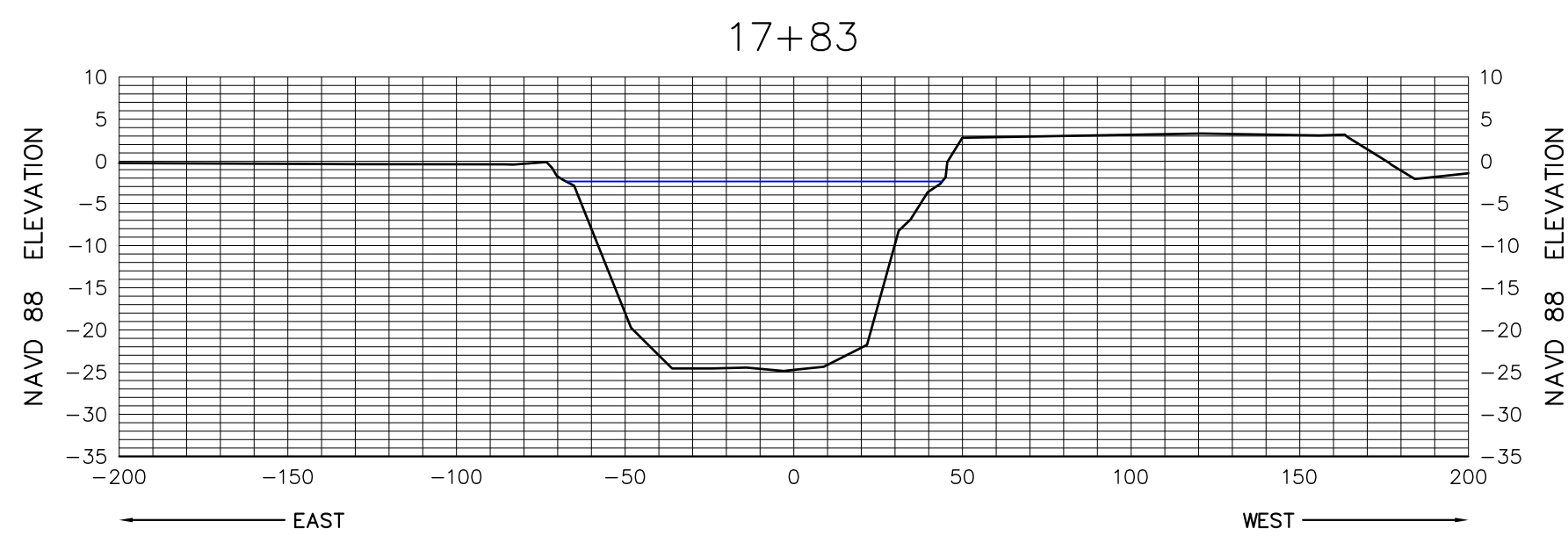
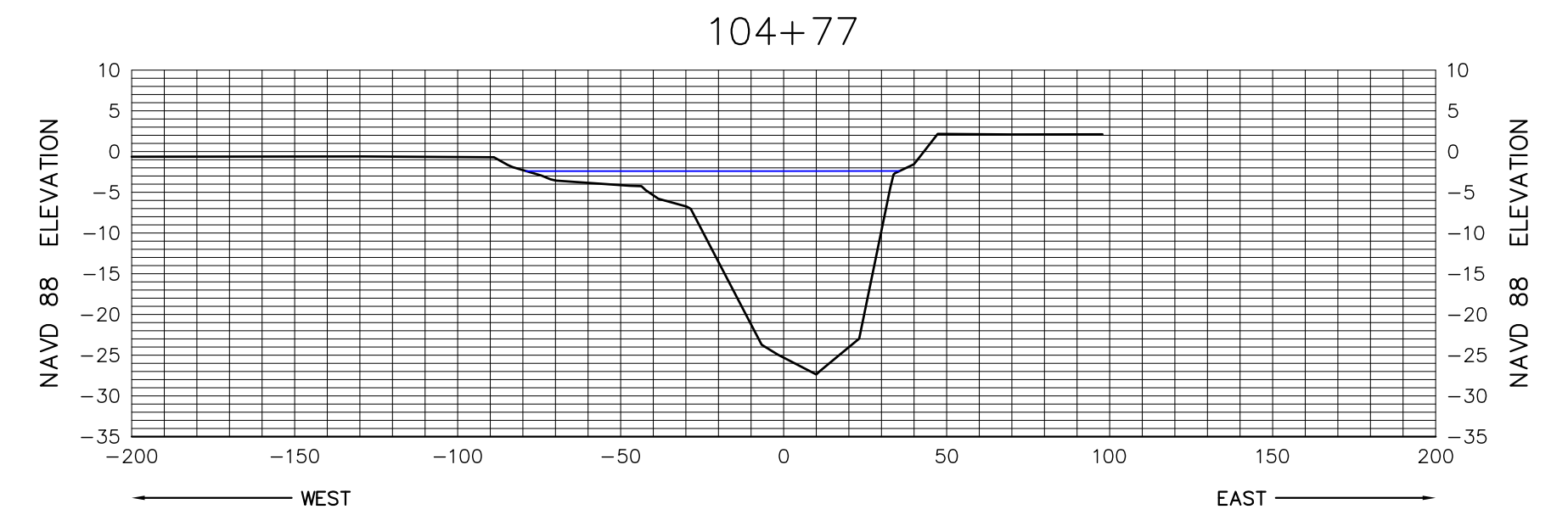
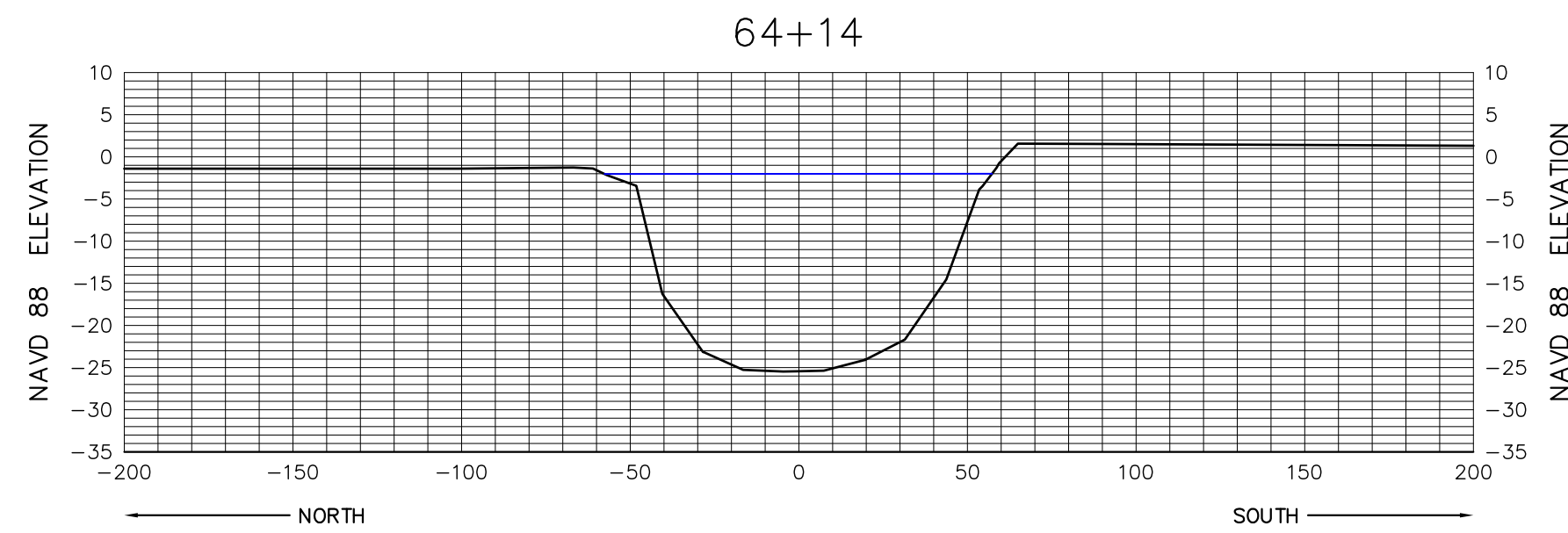
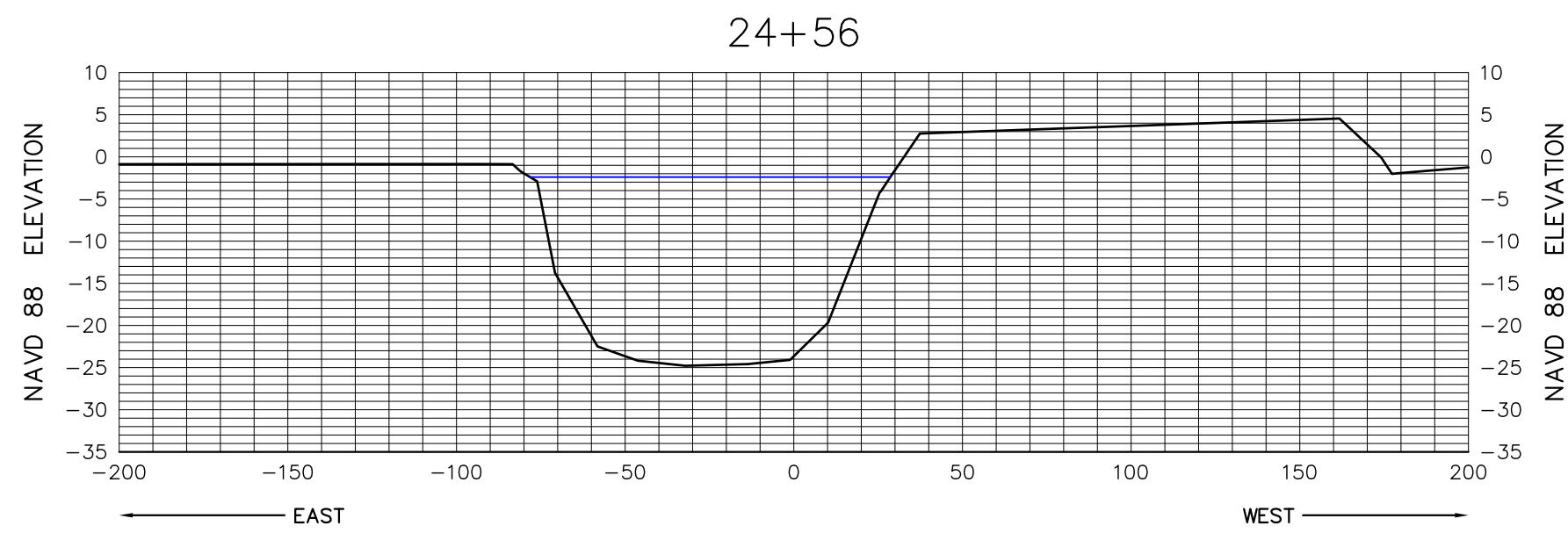
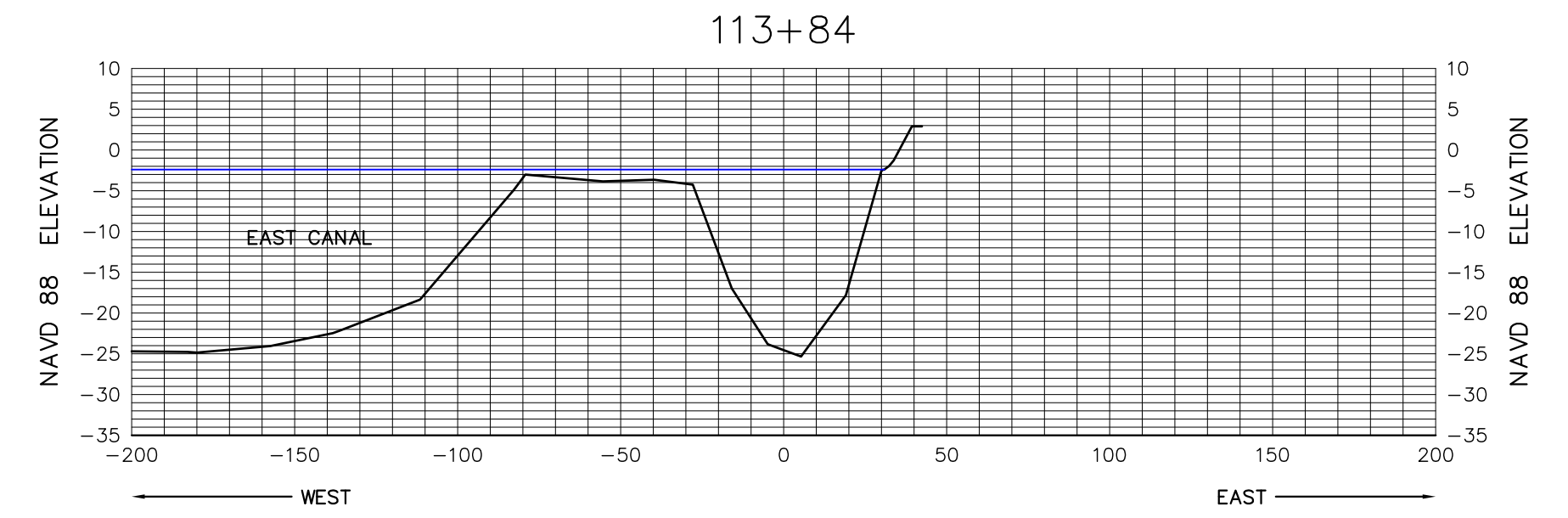
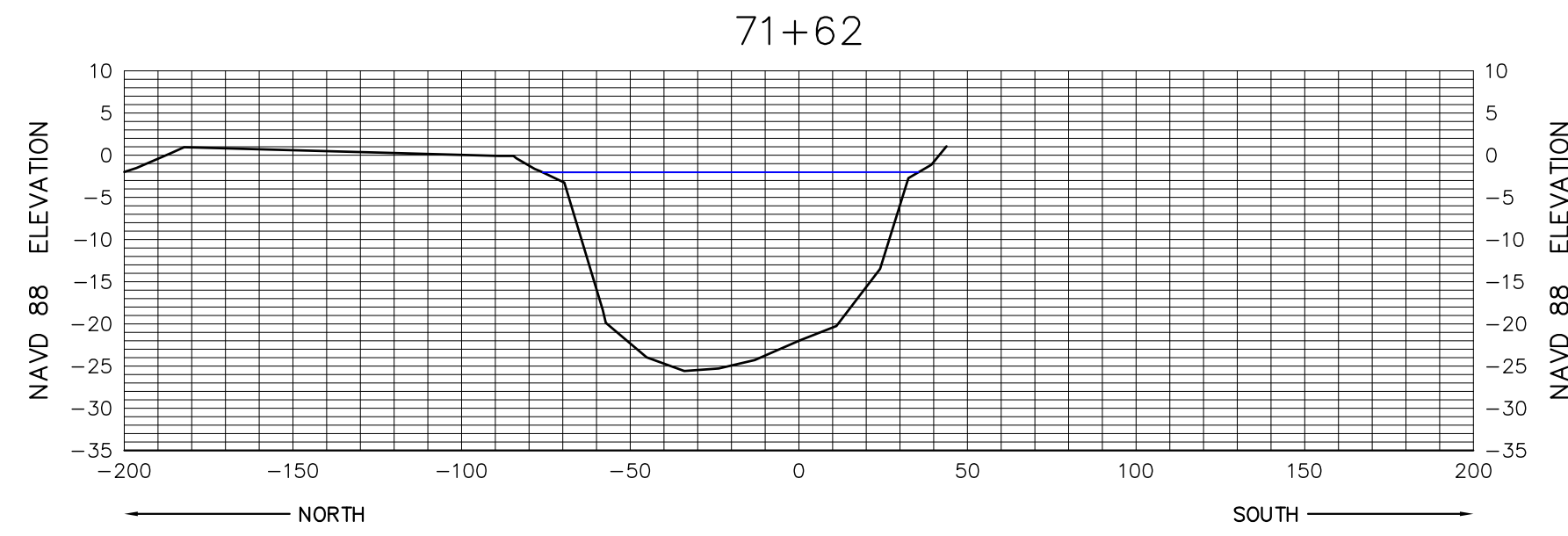
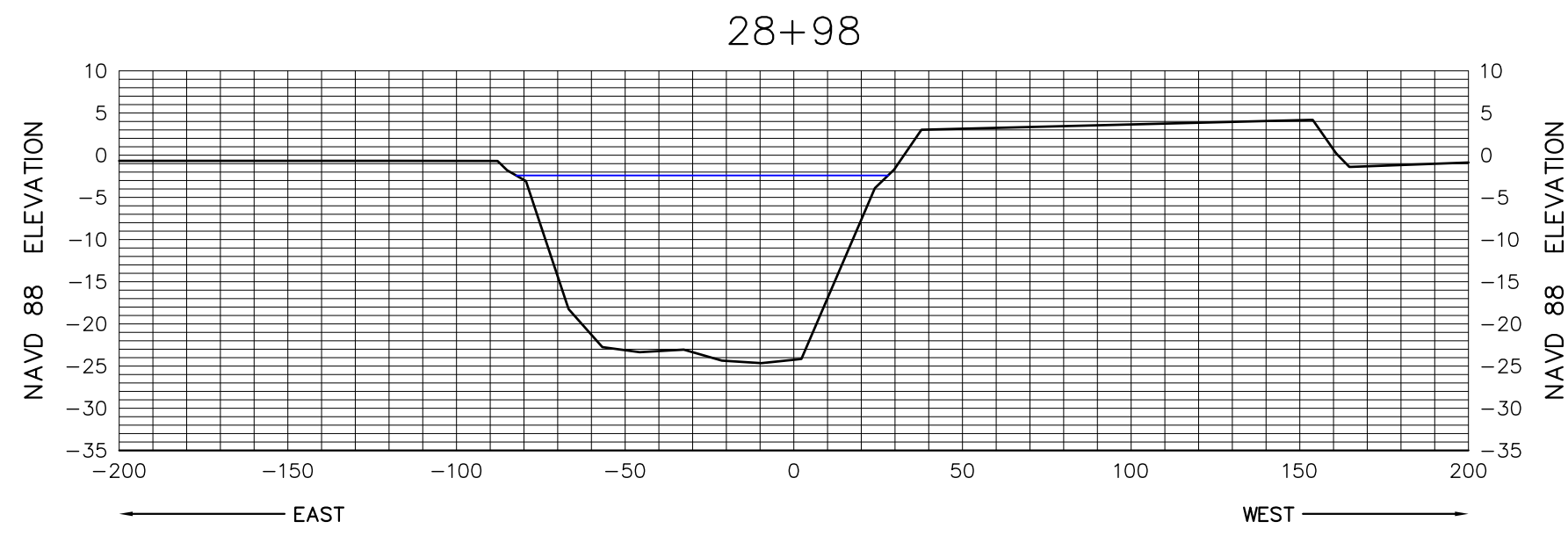
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JRM

FIELD BOOK SEE  
PAGE NO. COVER

DATE OF SURVEY  
6/2/10

SHEET 18 OF 78





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
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LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

EAST LOOP CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

CHECKED BY  
JRM

FIELD BOOK  
PAGE NO. SEE  
COVER

DATE OF SURVEY  
6/2/10

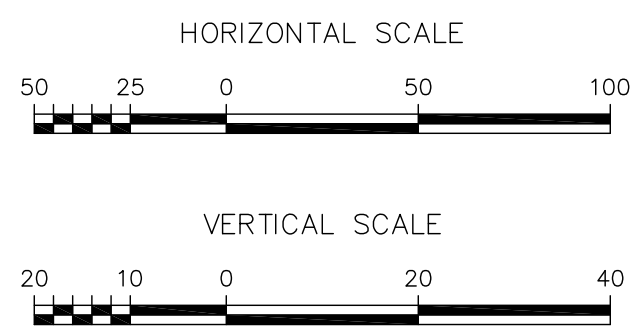
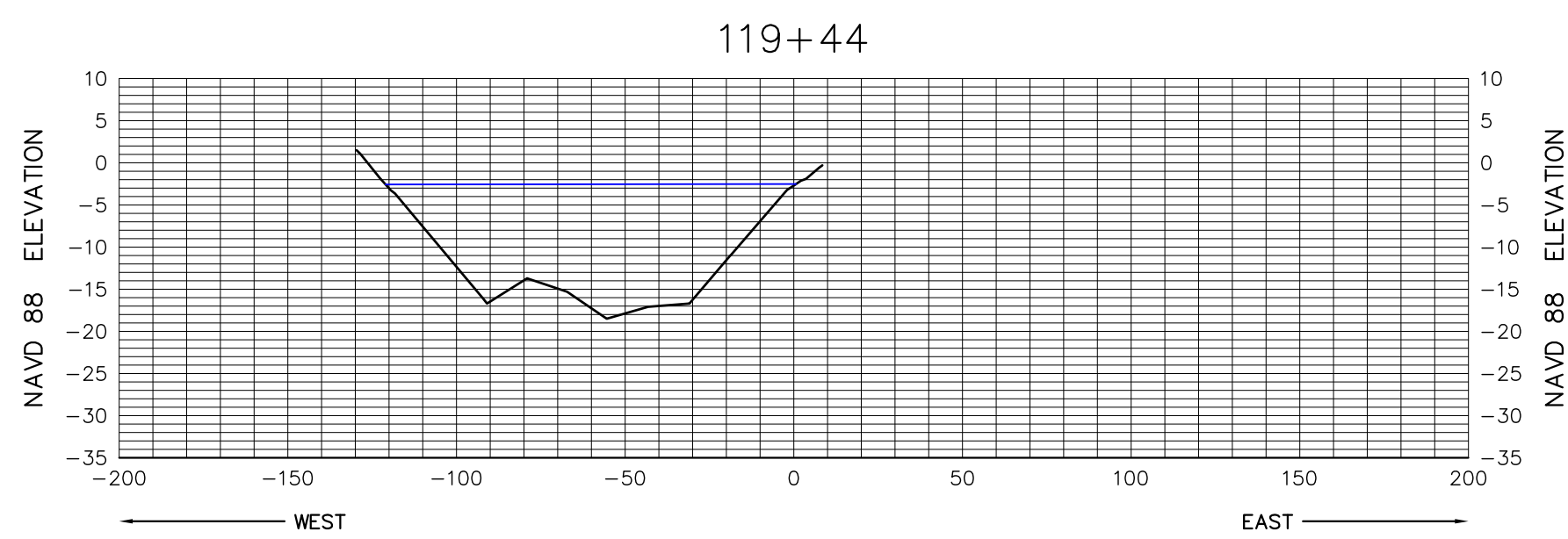
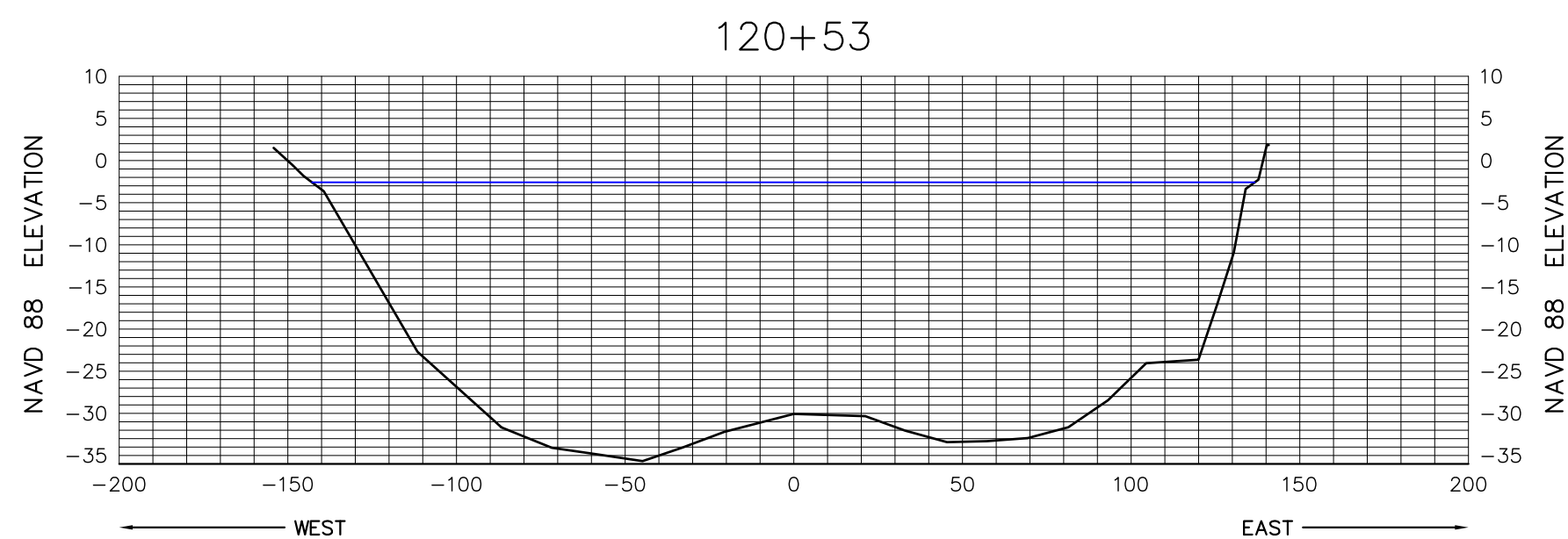
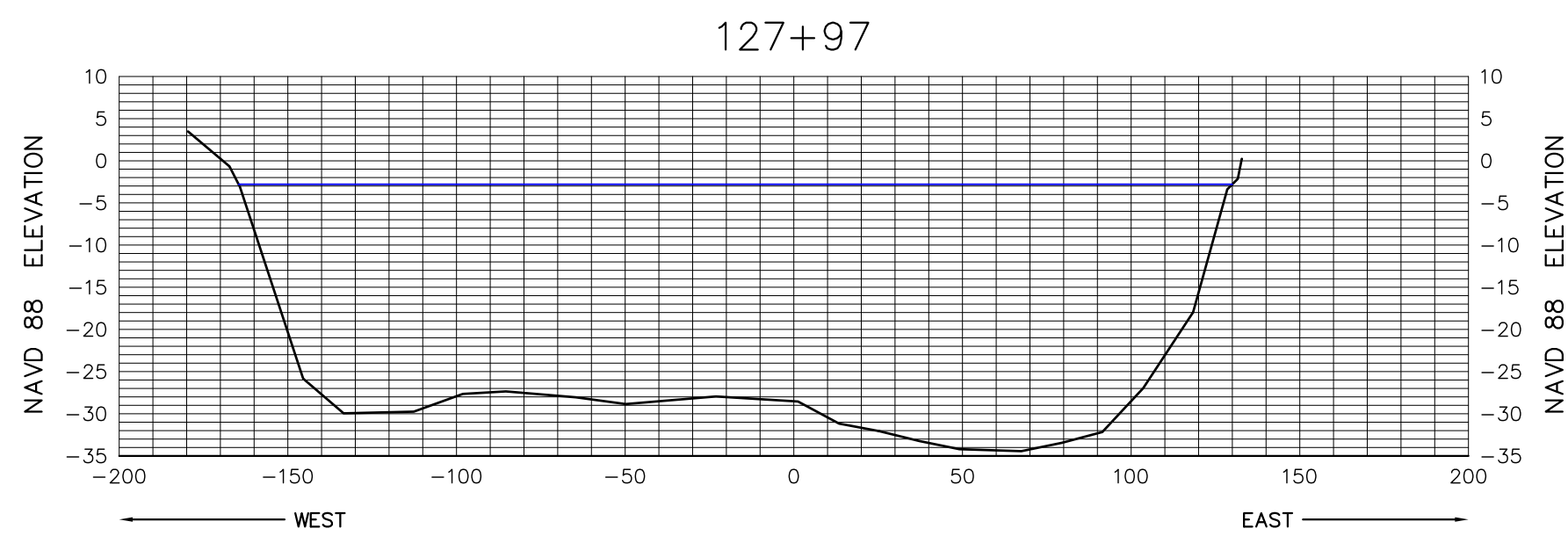
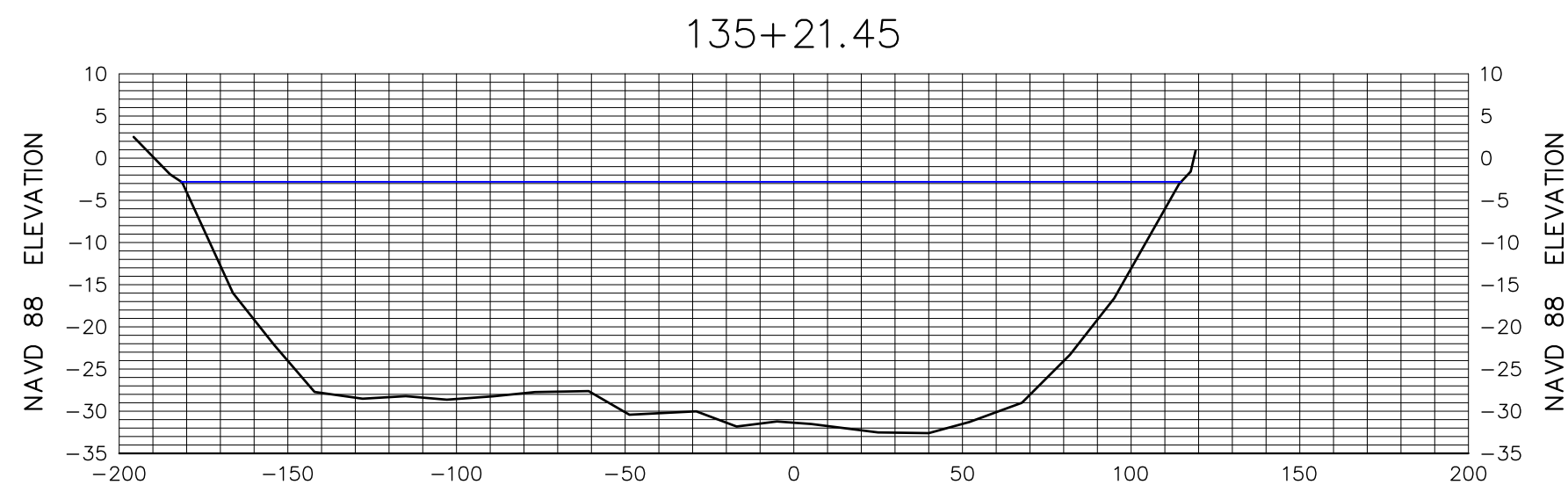
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN


DATE  
6/14/10

SHEET 19 OF 78





SEE SHEET 1 FOR NOTES

	<b>MORGAN &amp; EKLUND, INC.</b>		EAST LOOP CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92								
	<b>PROFESSIONAL SURVEY CONSULTANTS</b>						SCALE AS SHOWN								
	8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165		1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451		TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				DATE 6/14/10						
	LB # 4298		JOHN R. MORGAN, R. PLS. PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA						DRAWN BY CAG		CHECKED BY JRM		FIELD BOOK PAGE NO. 1		SEE CDVER

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

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CAG

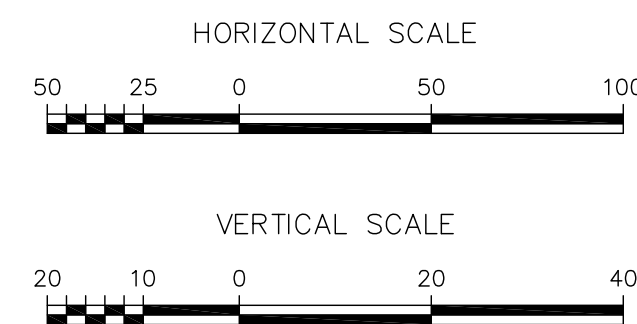
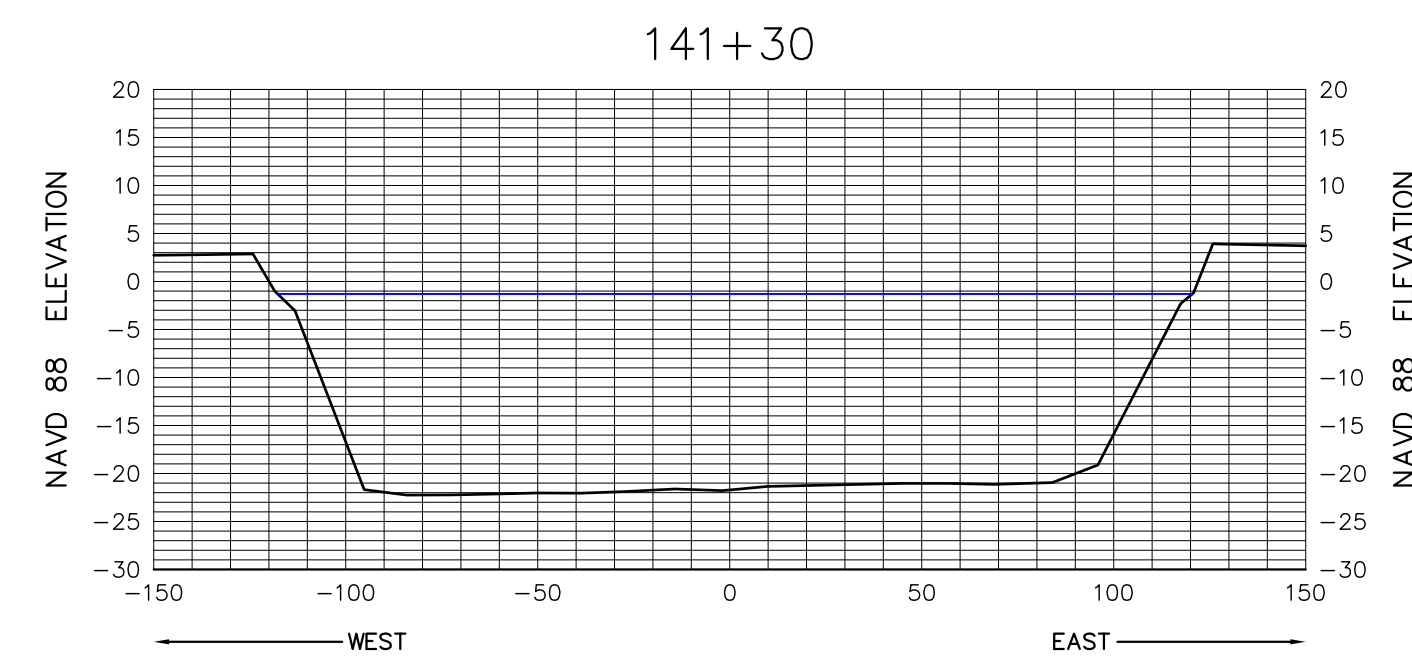
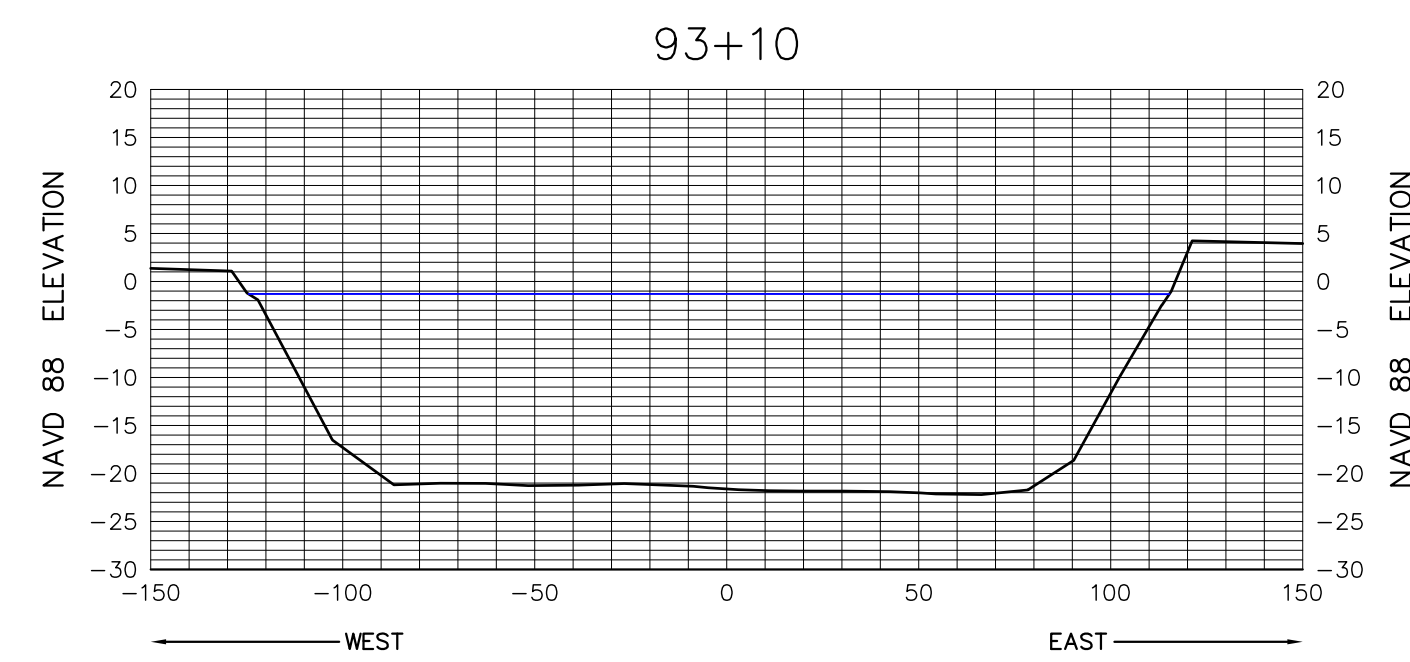
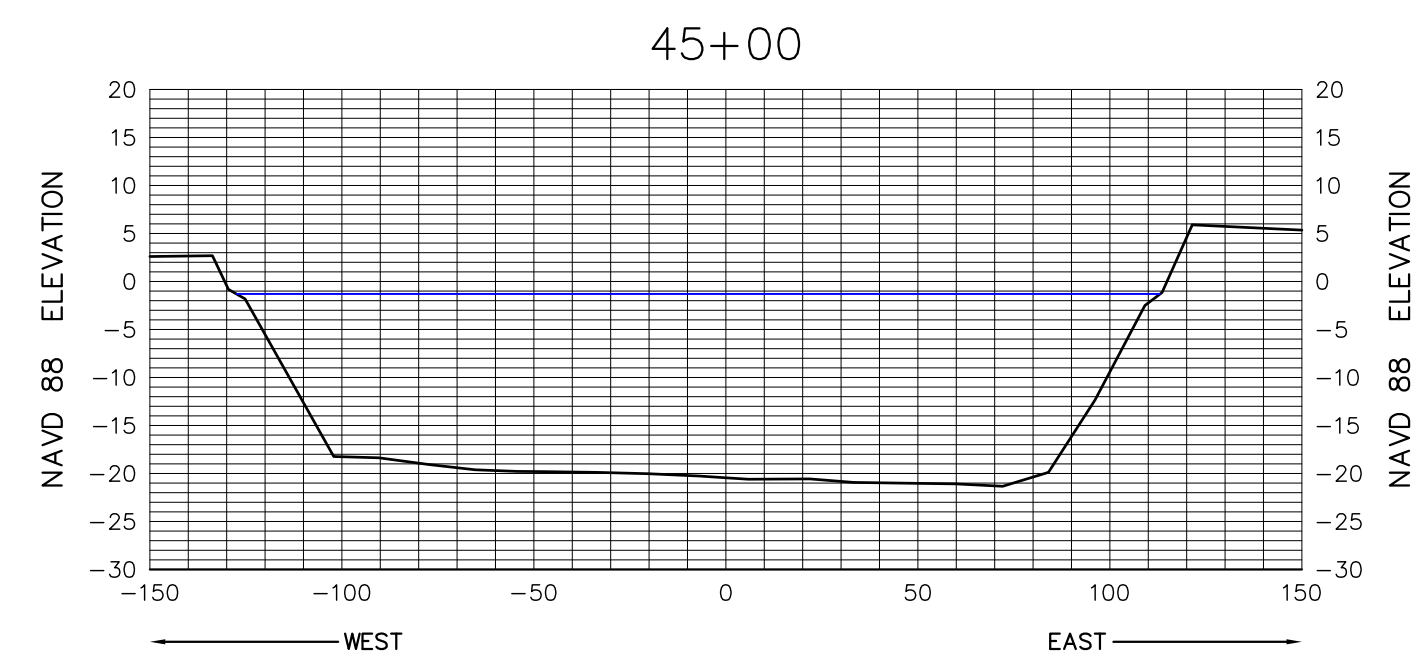
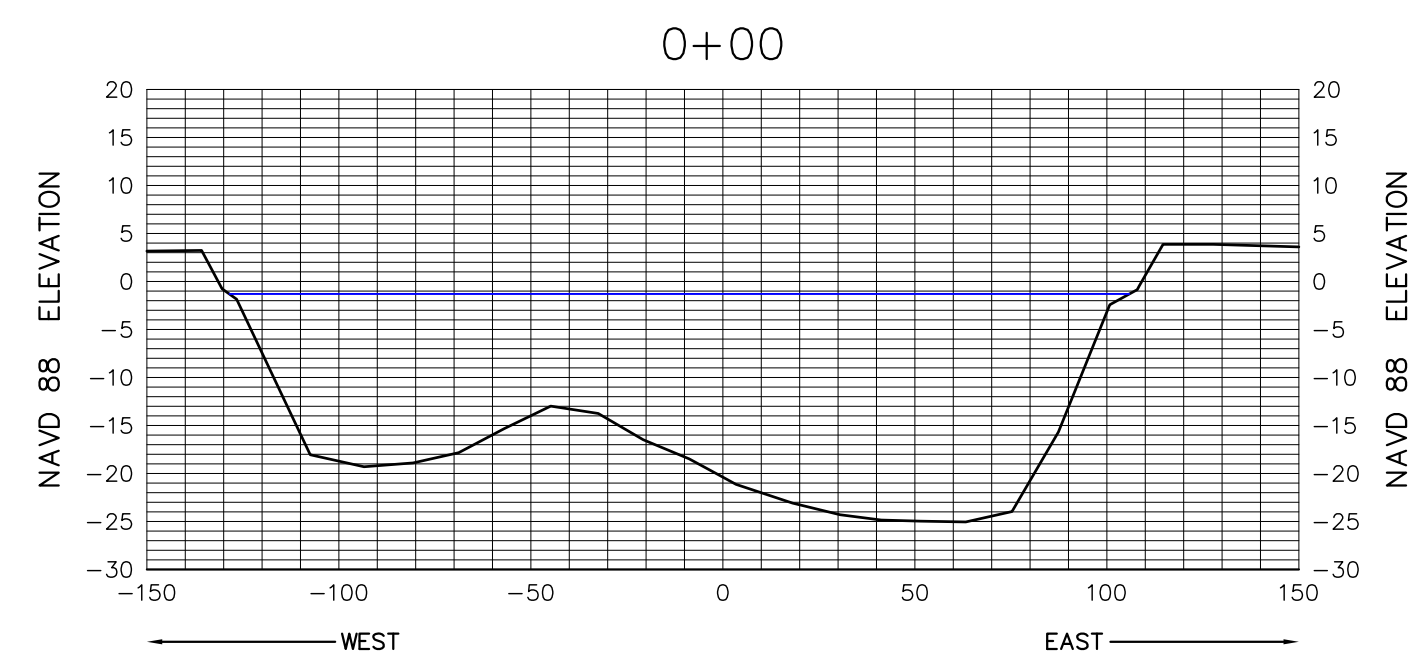
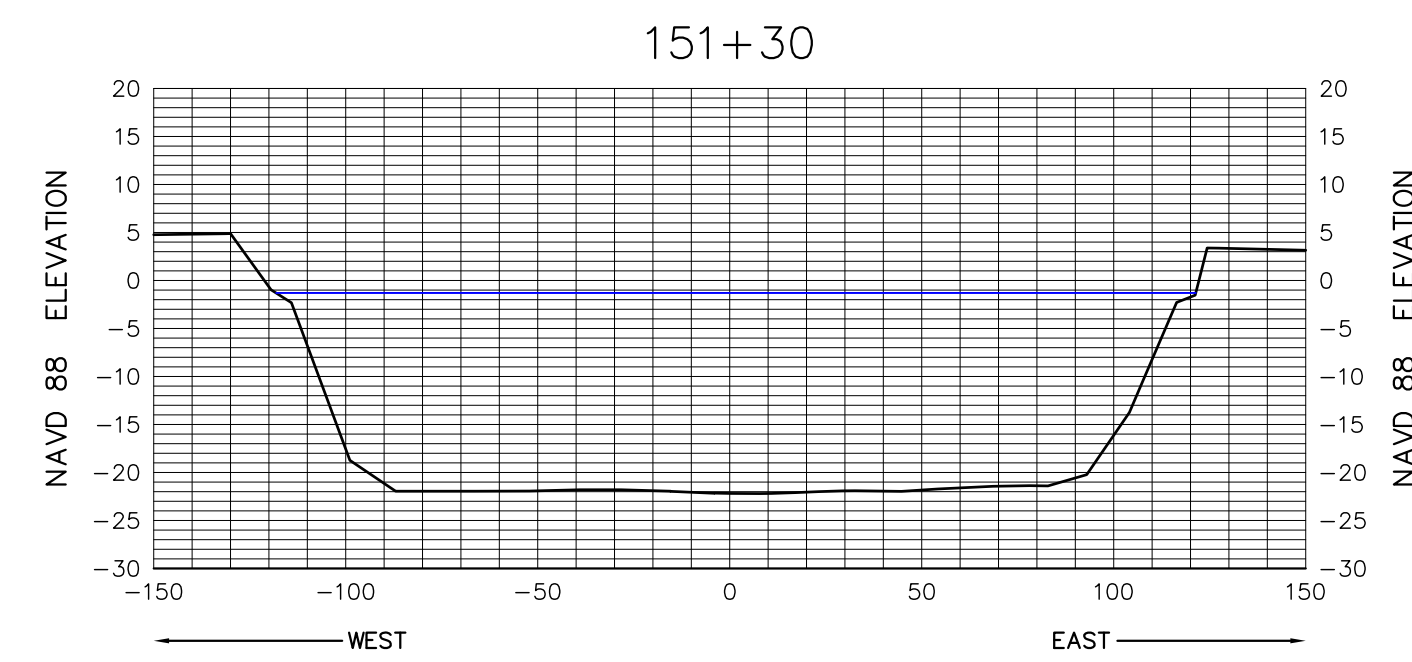
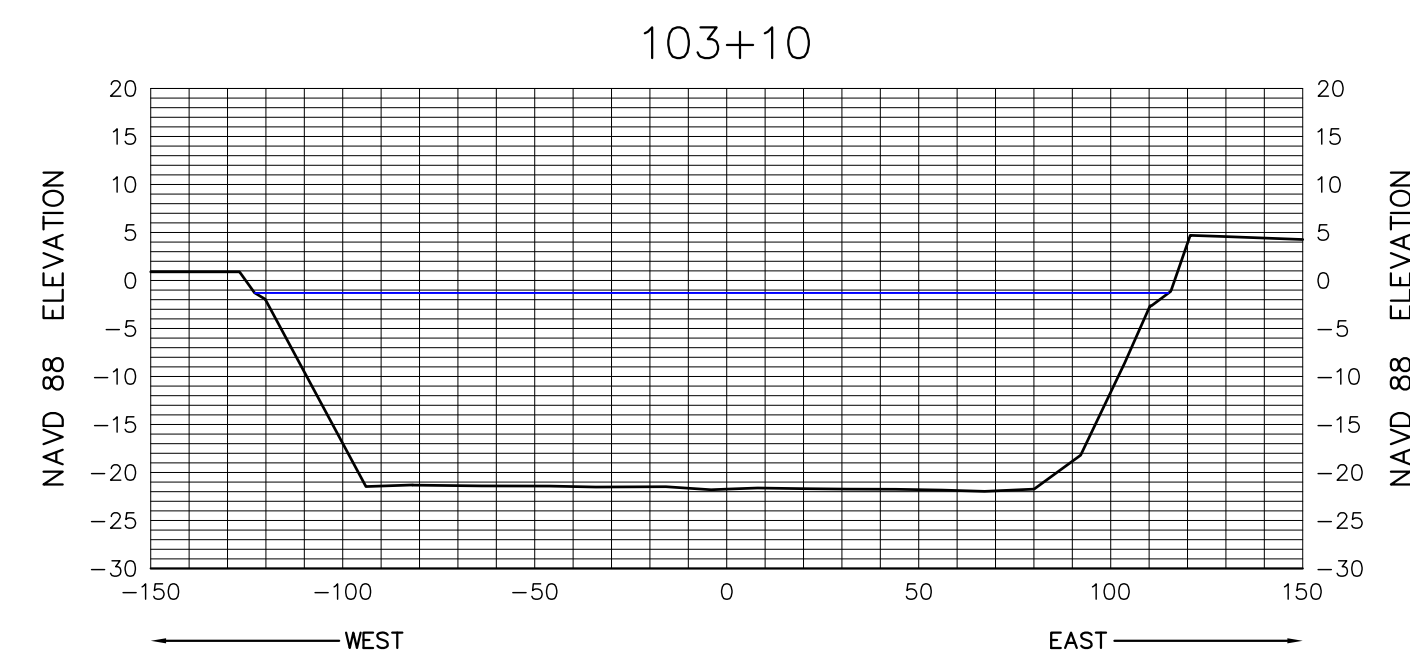
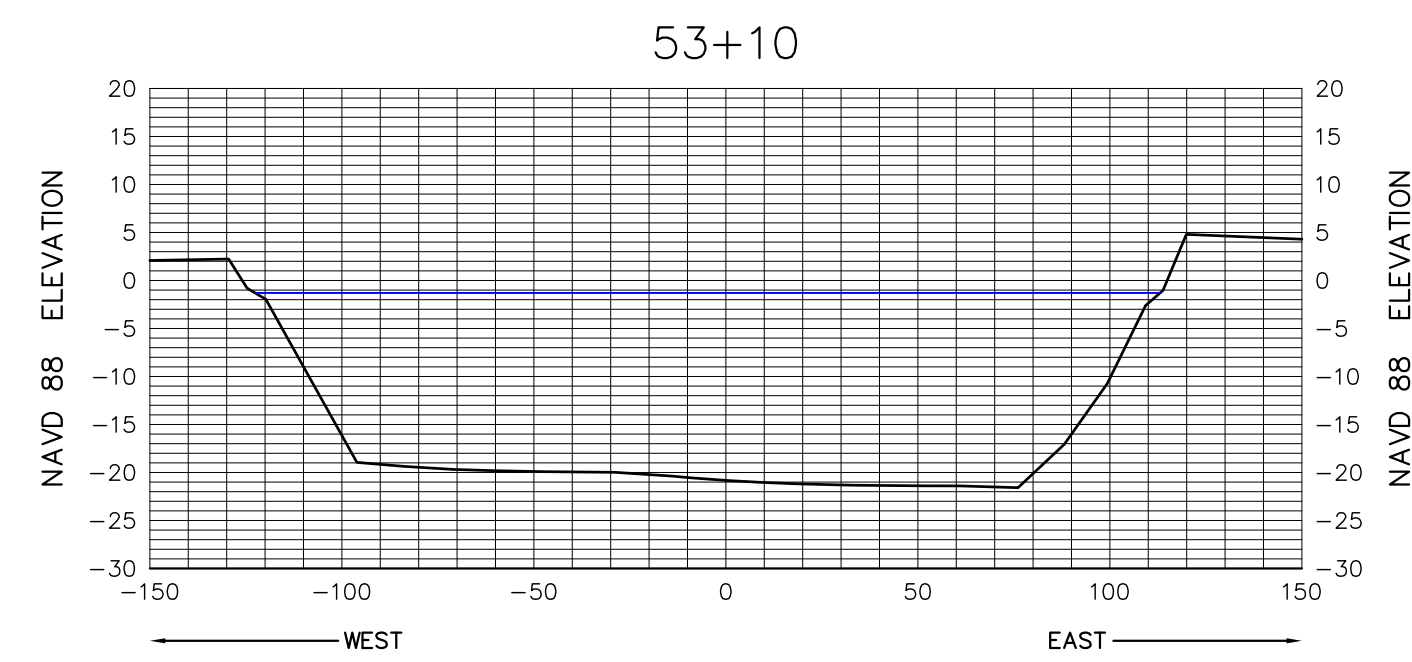
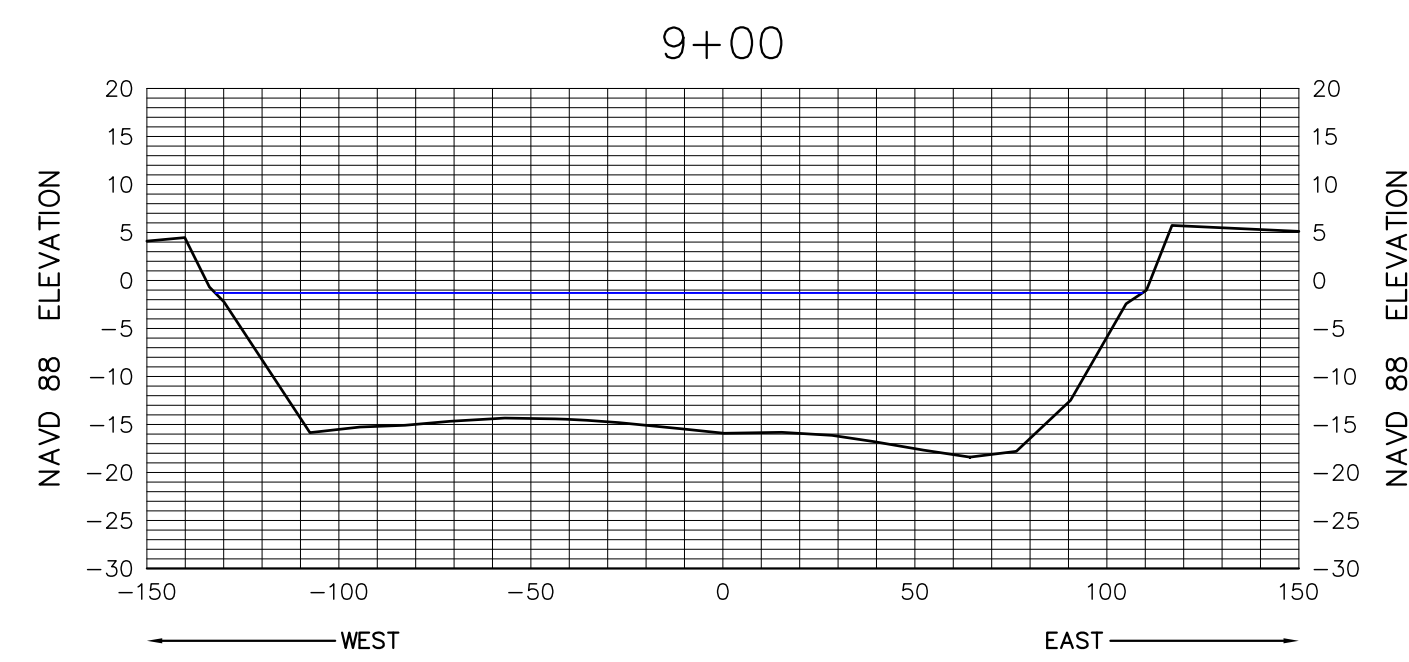
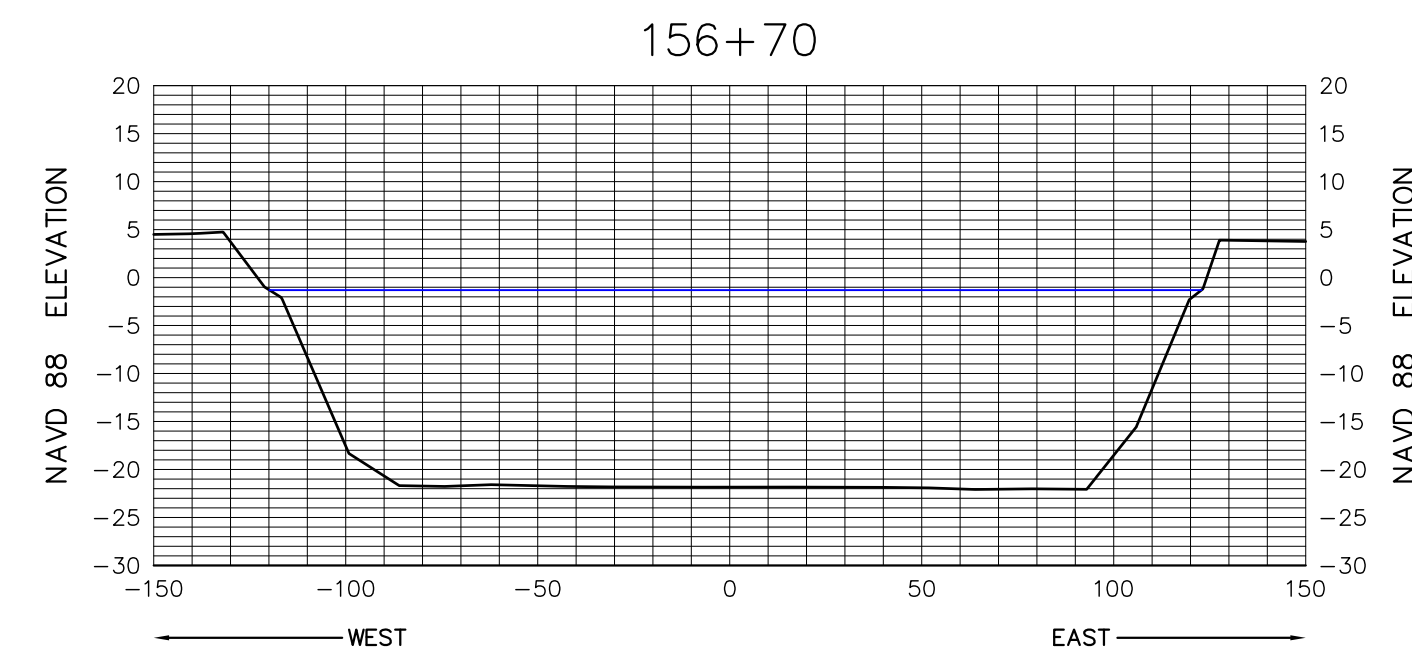
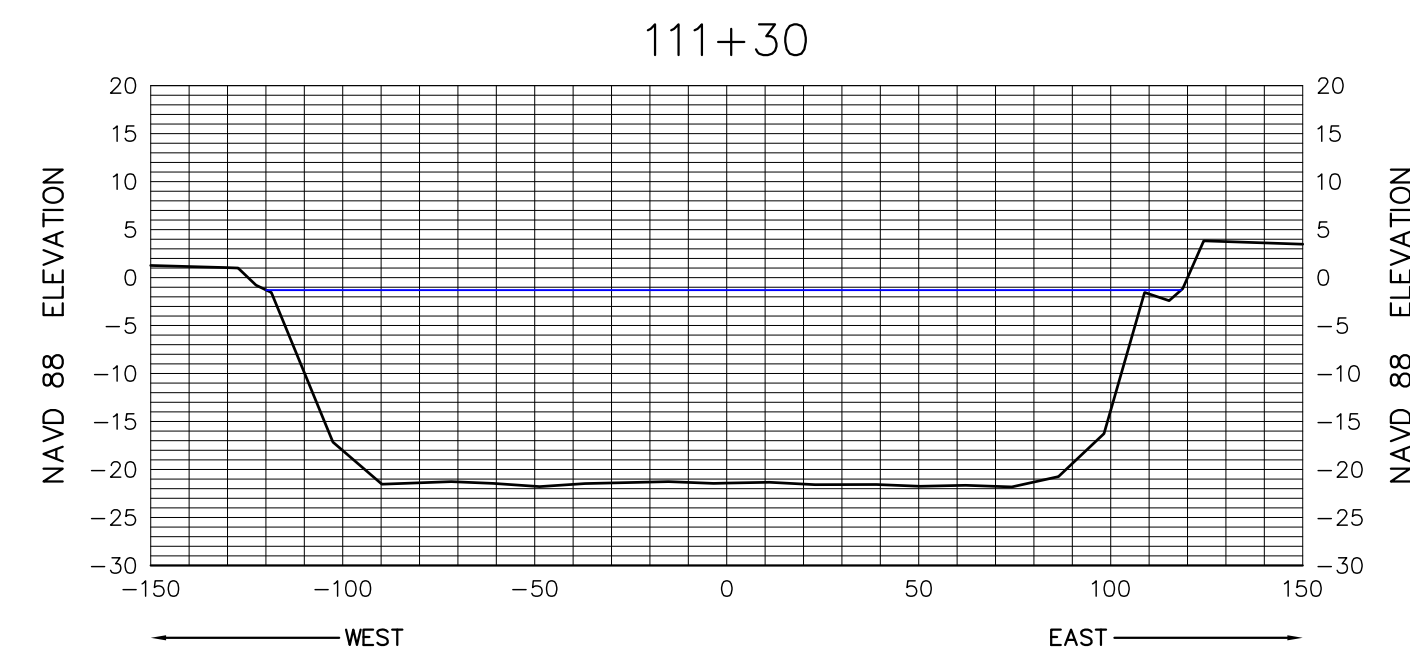
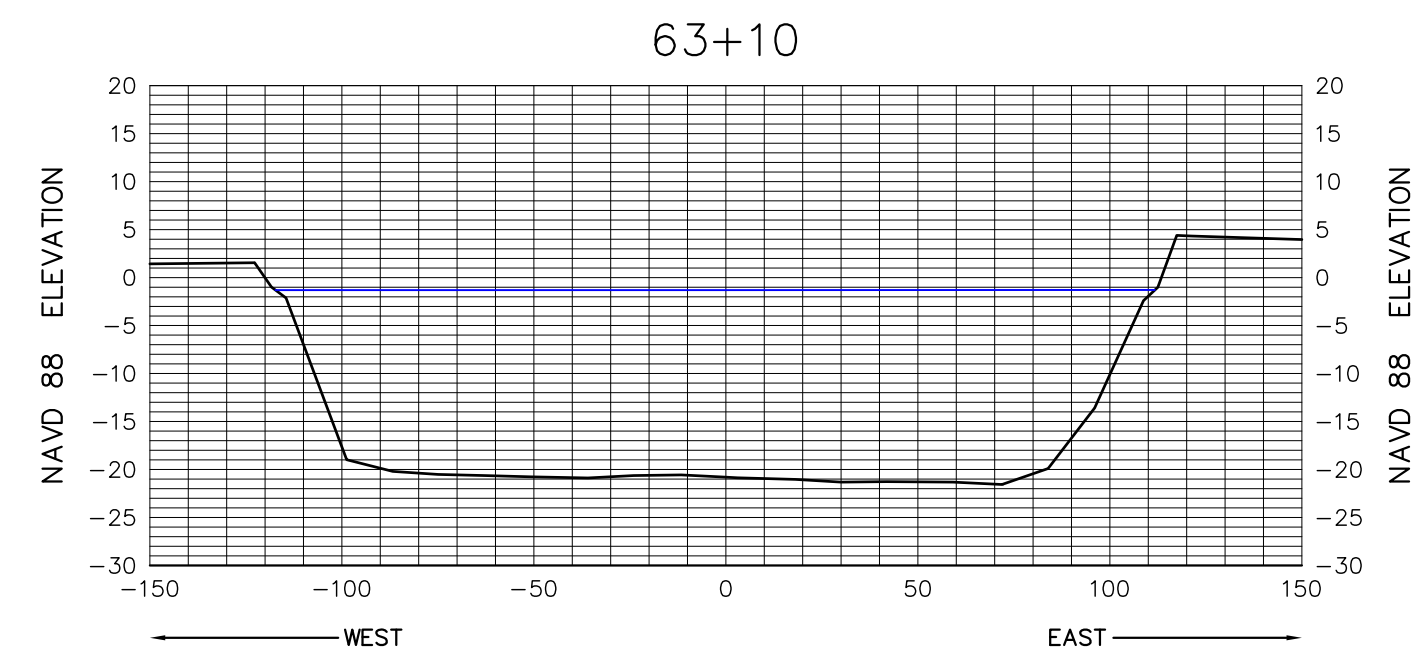
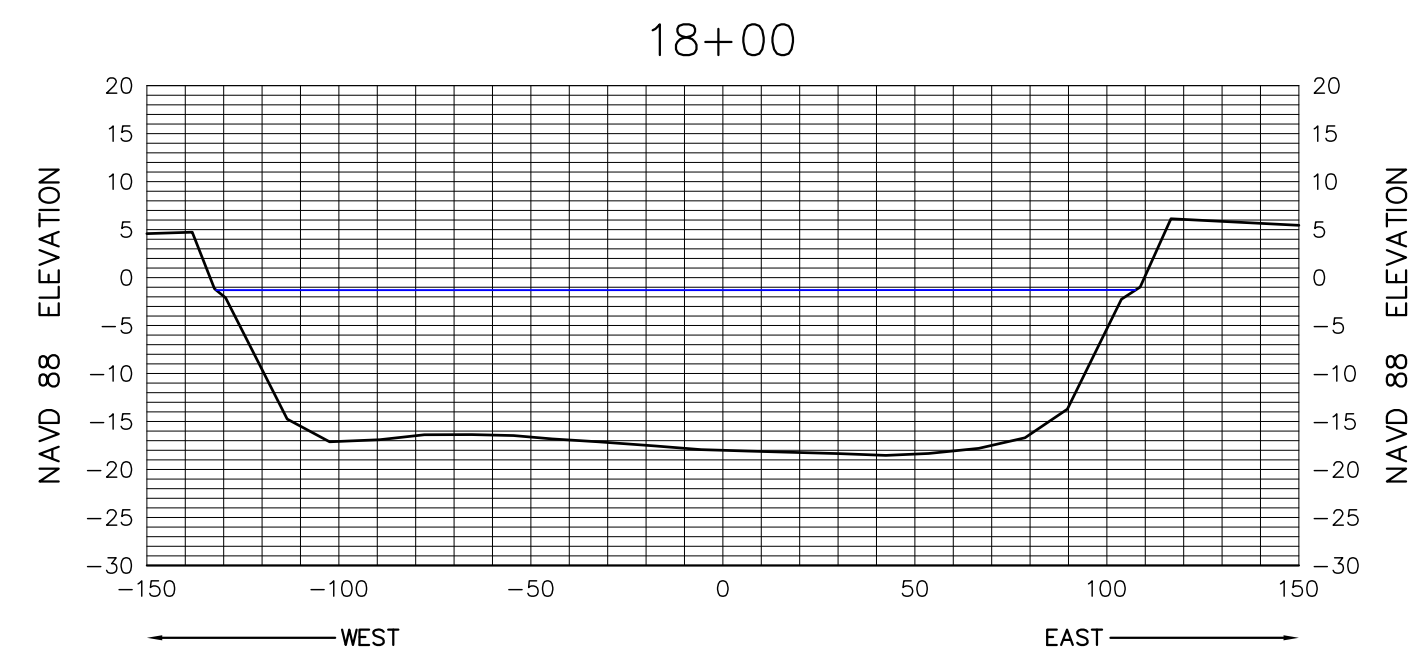
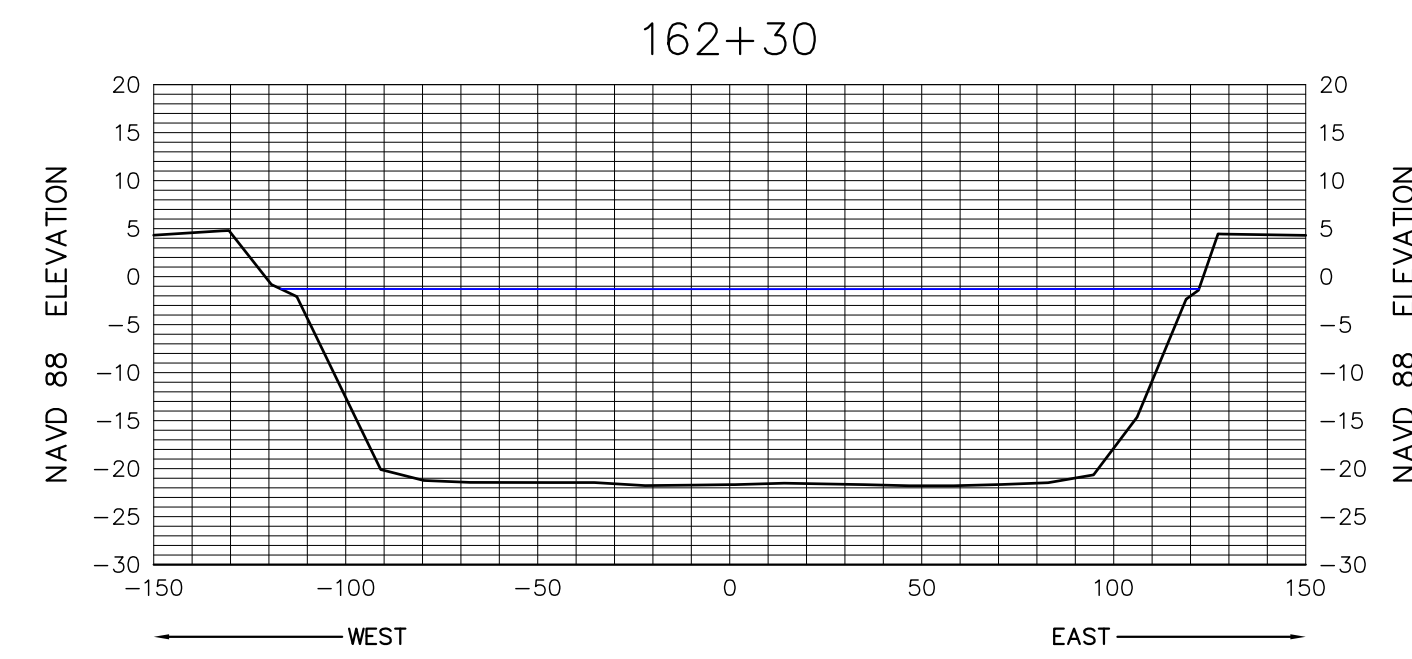
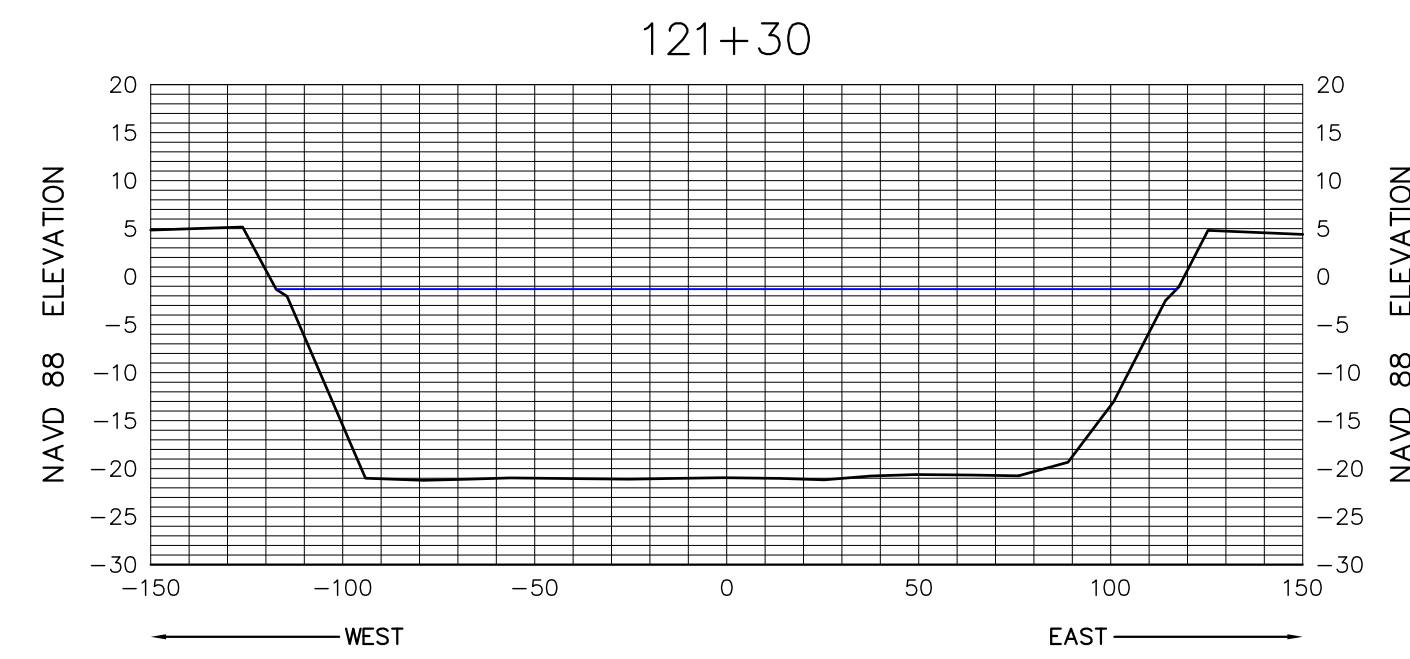
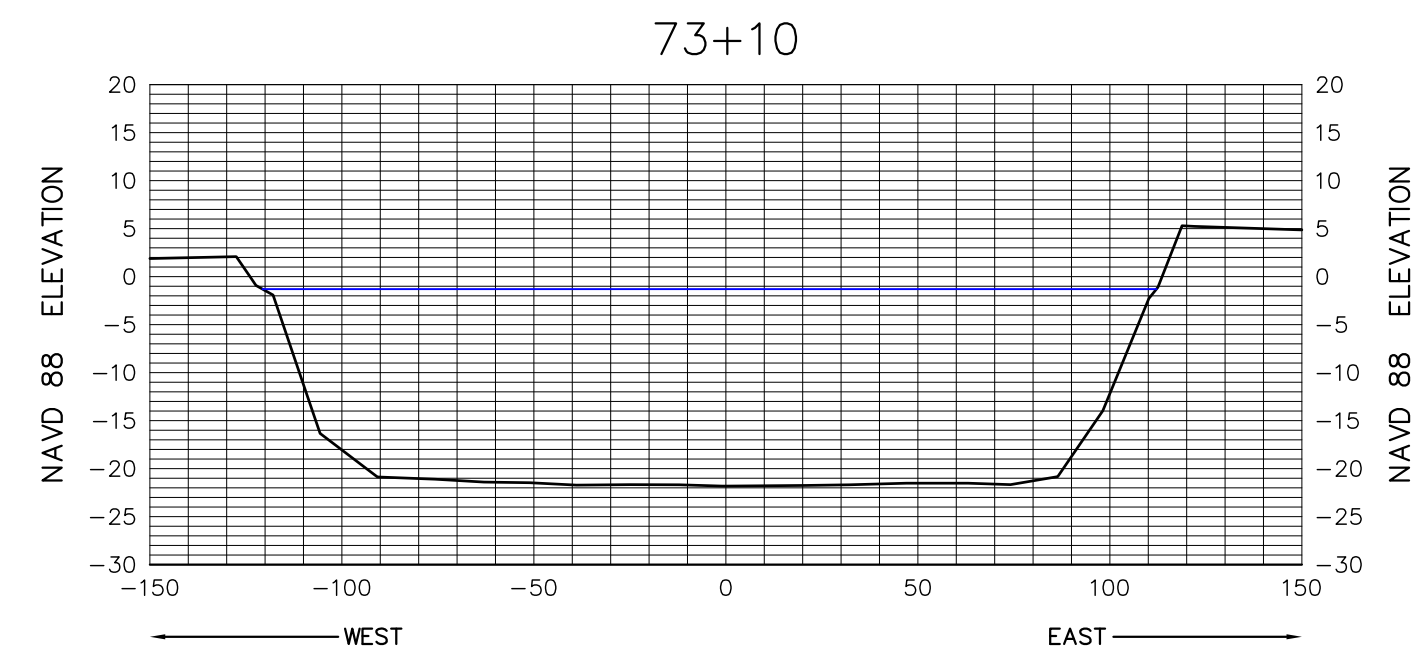
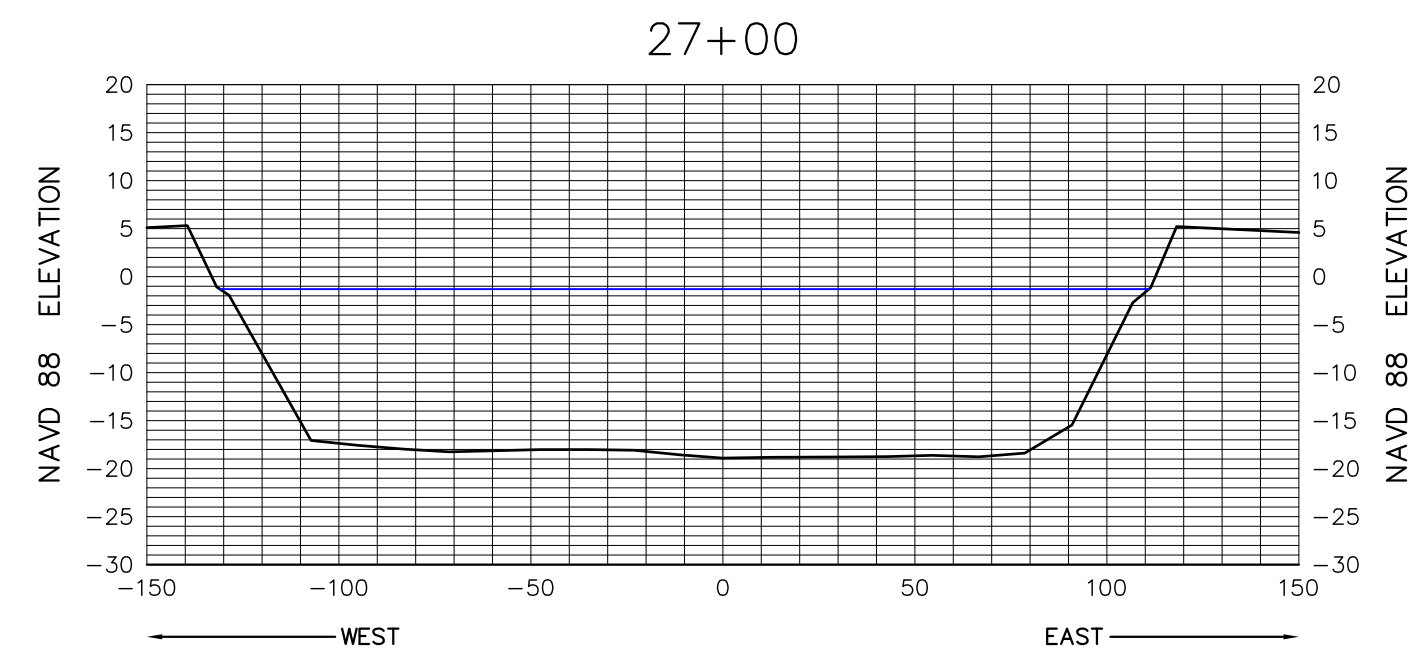
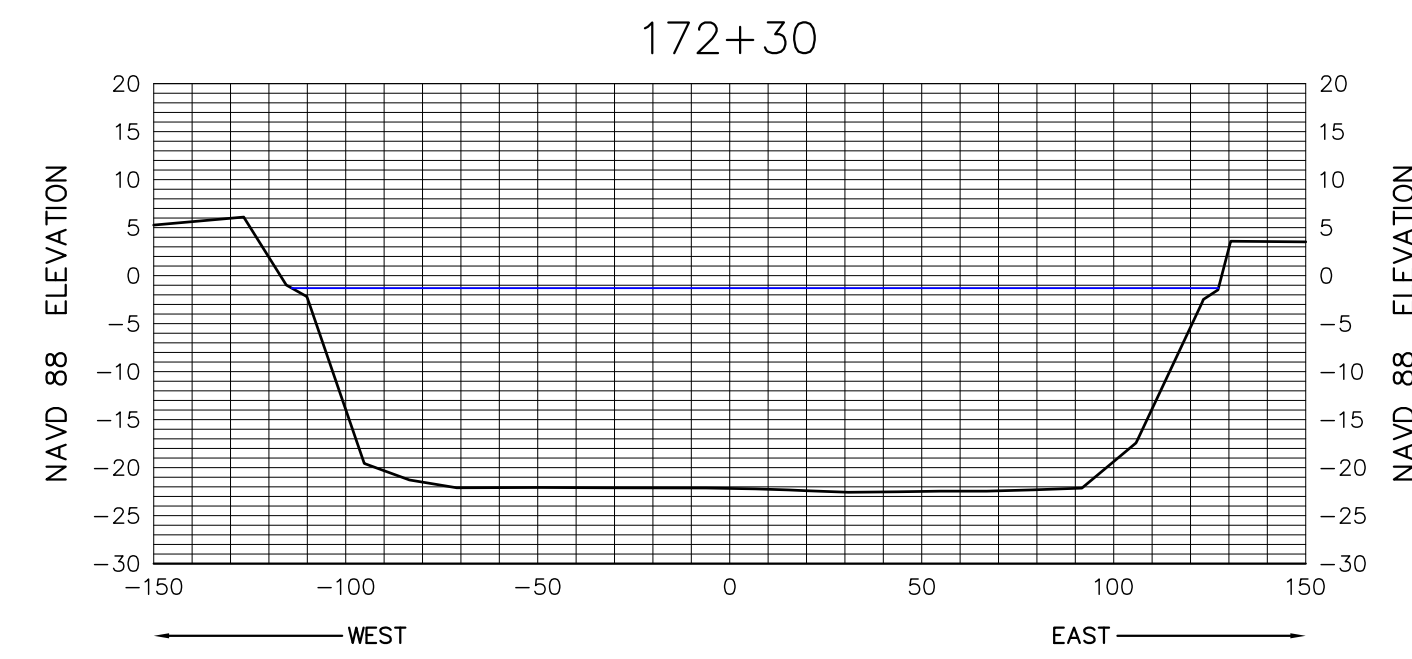
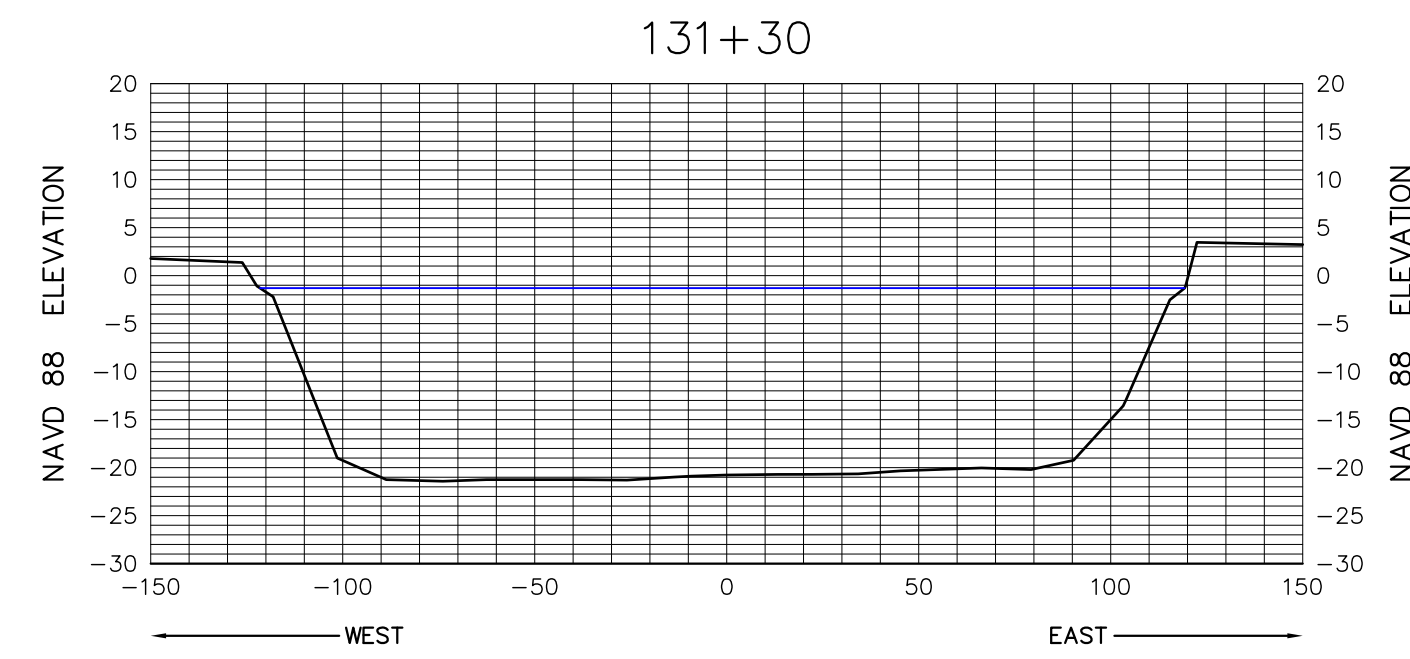
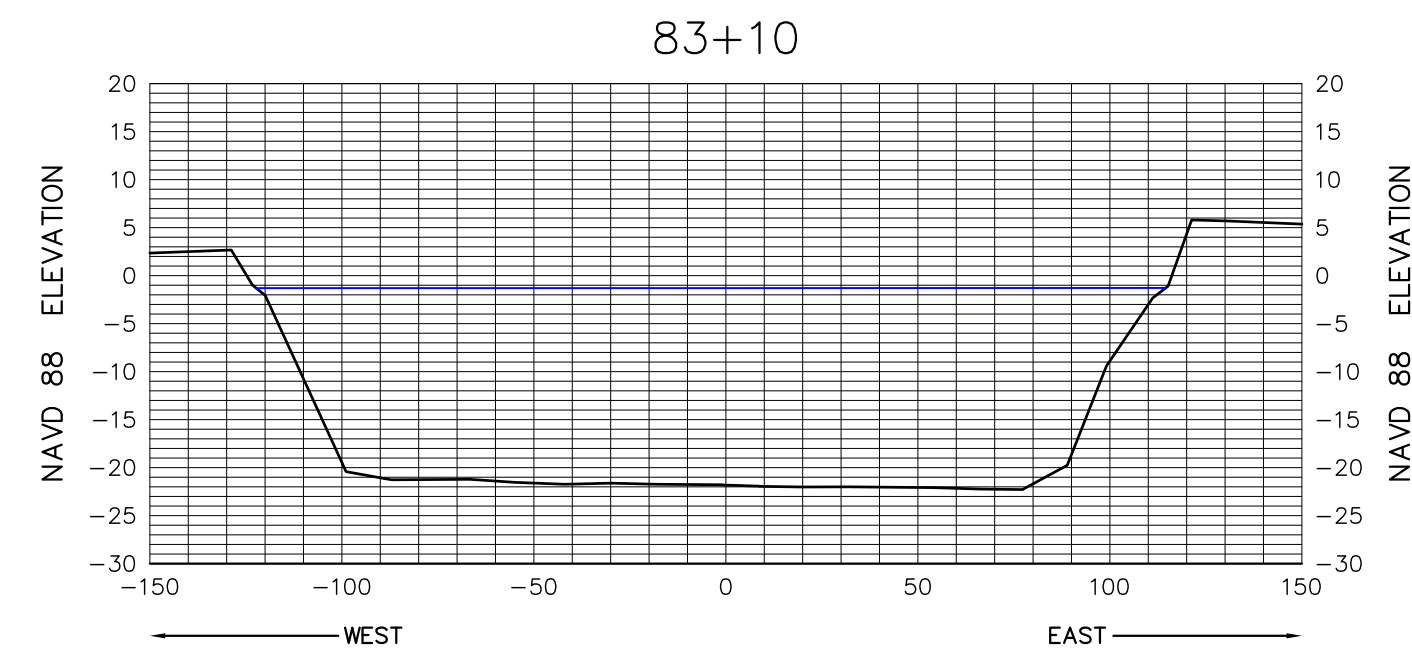
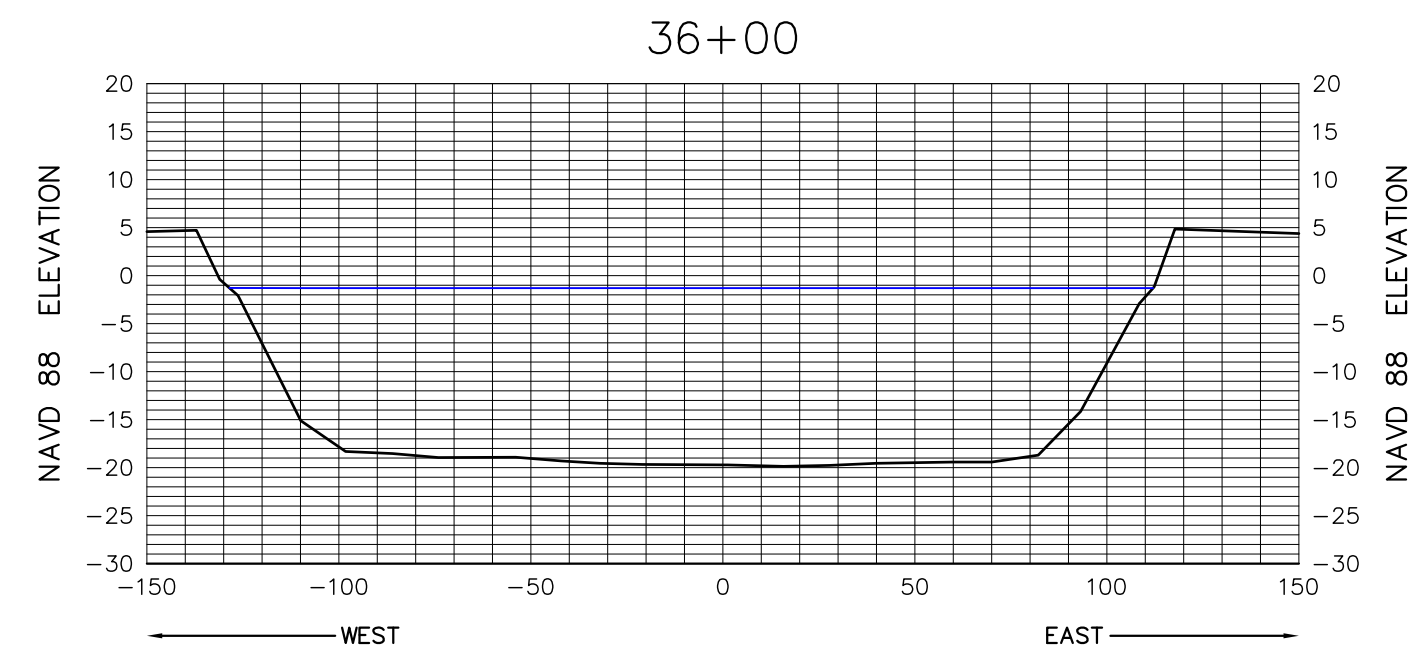
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**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
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1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451  
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61B17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

GRAND CANAL CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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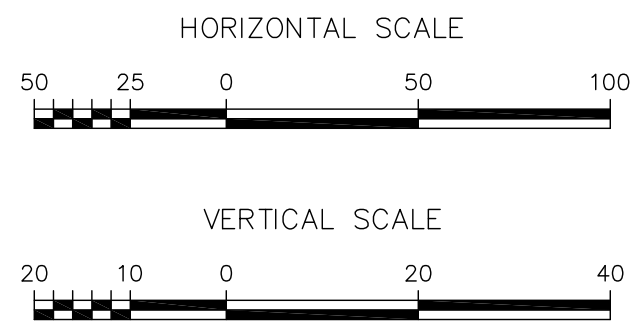
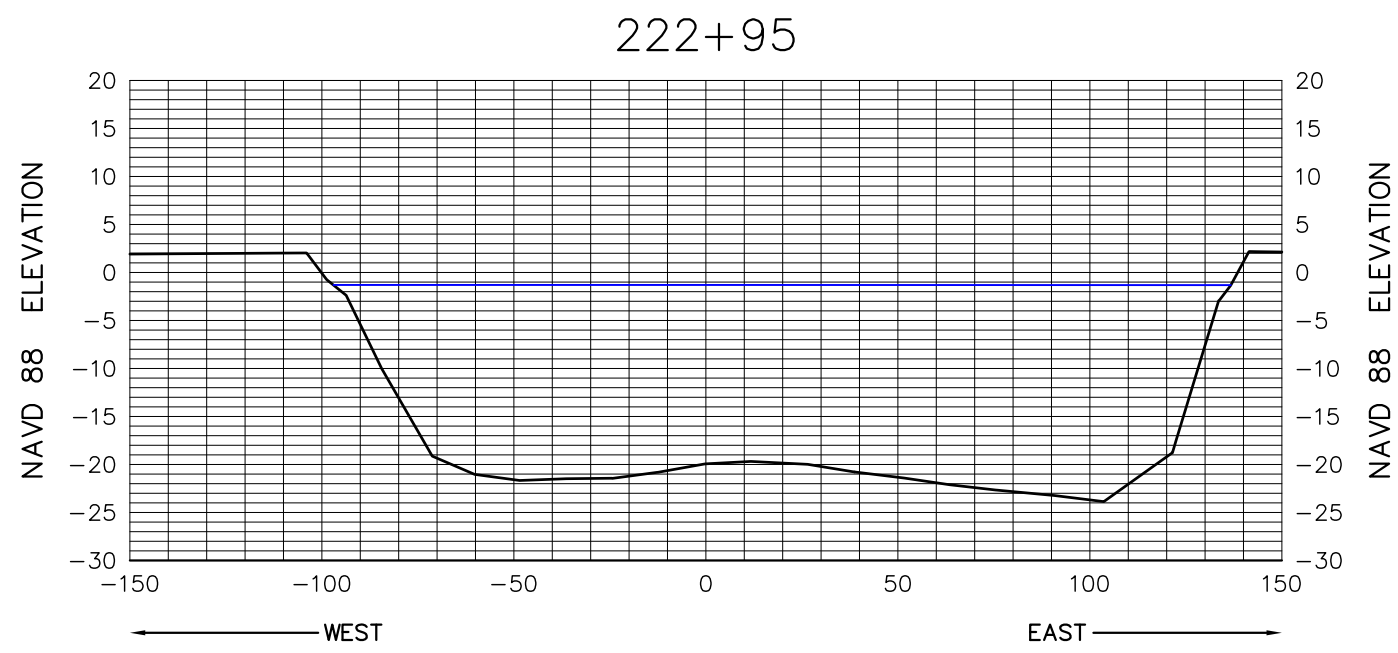
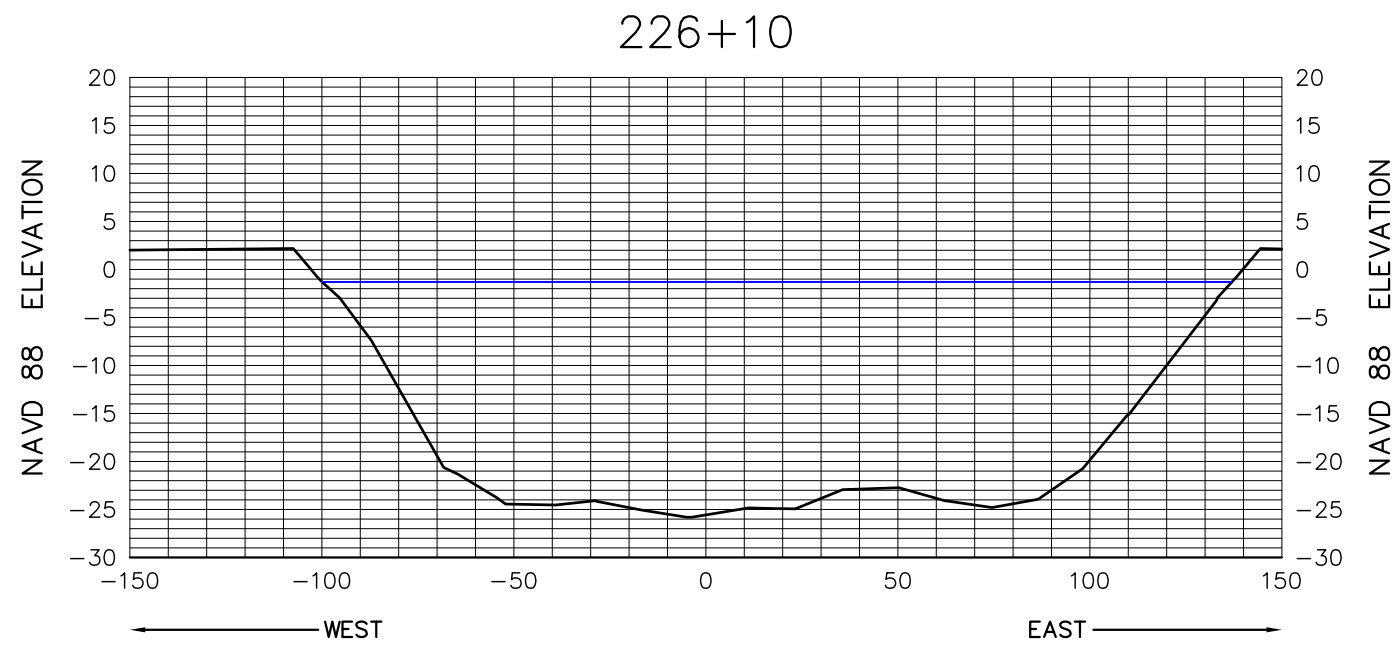
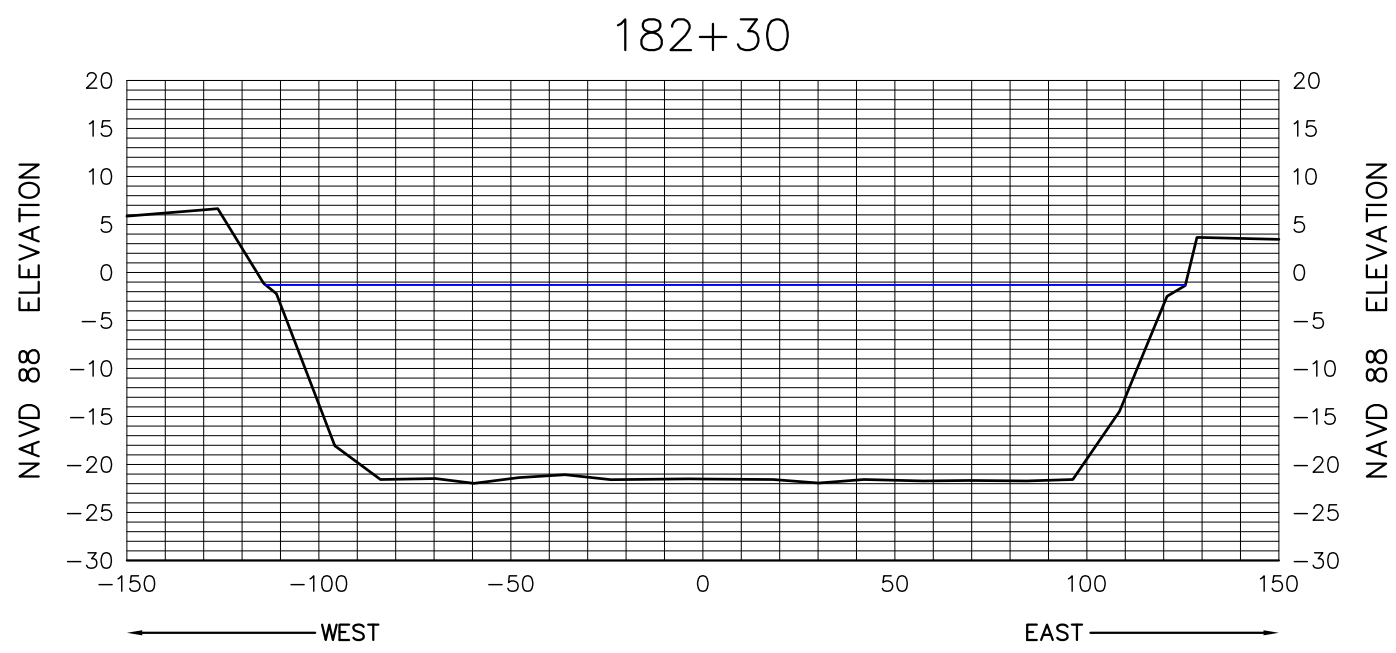
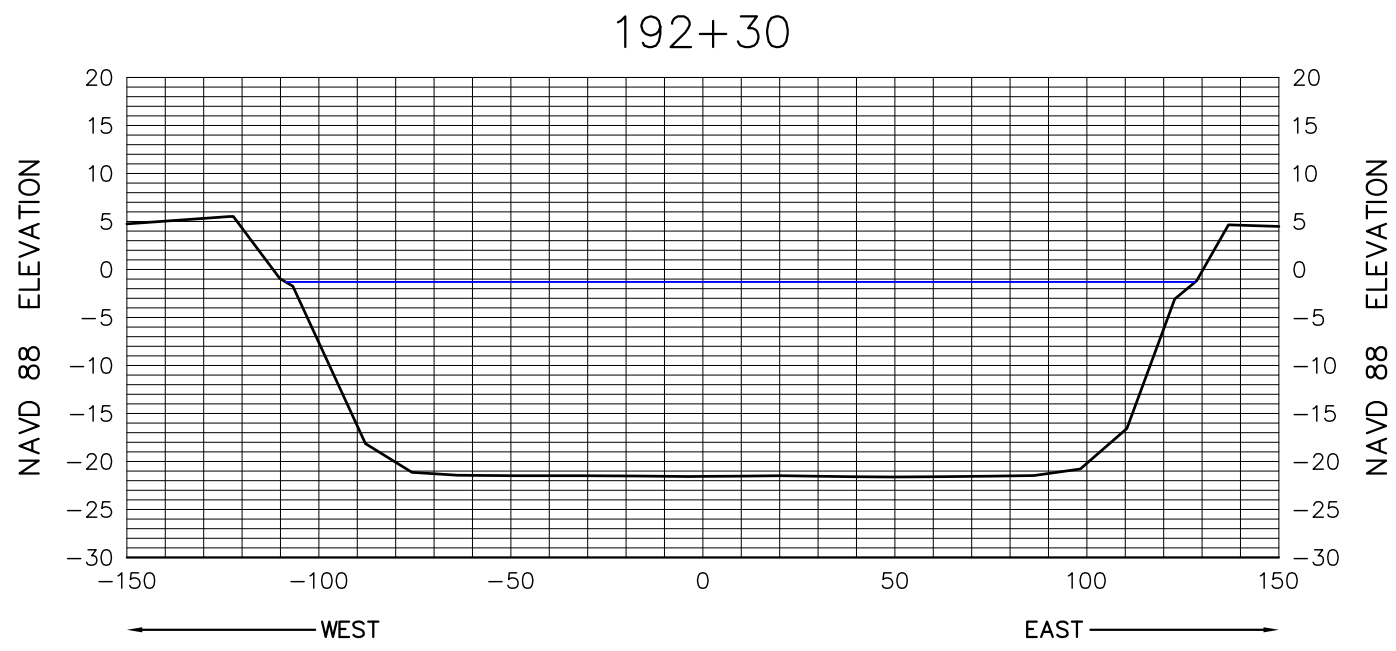
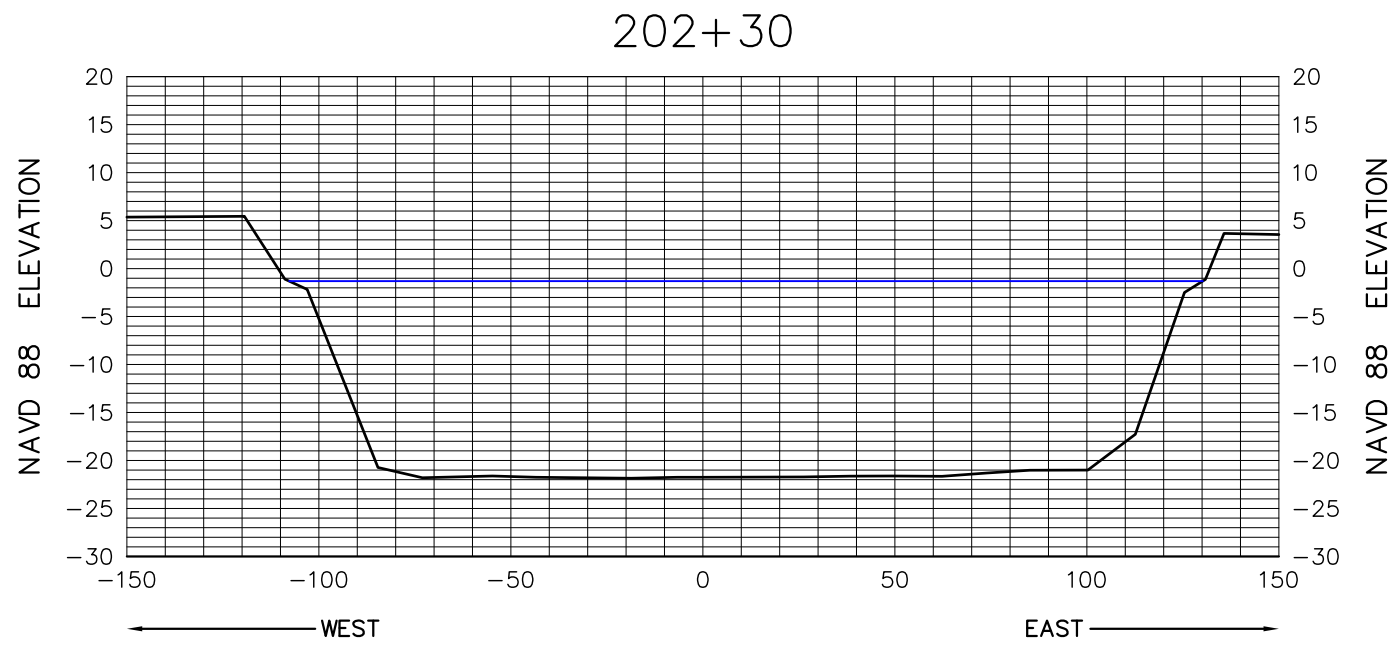
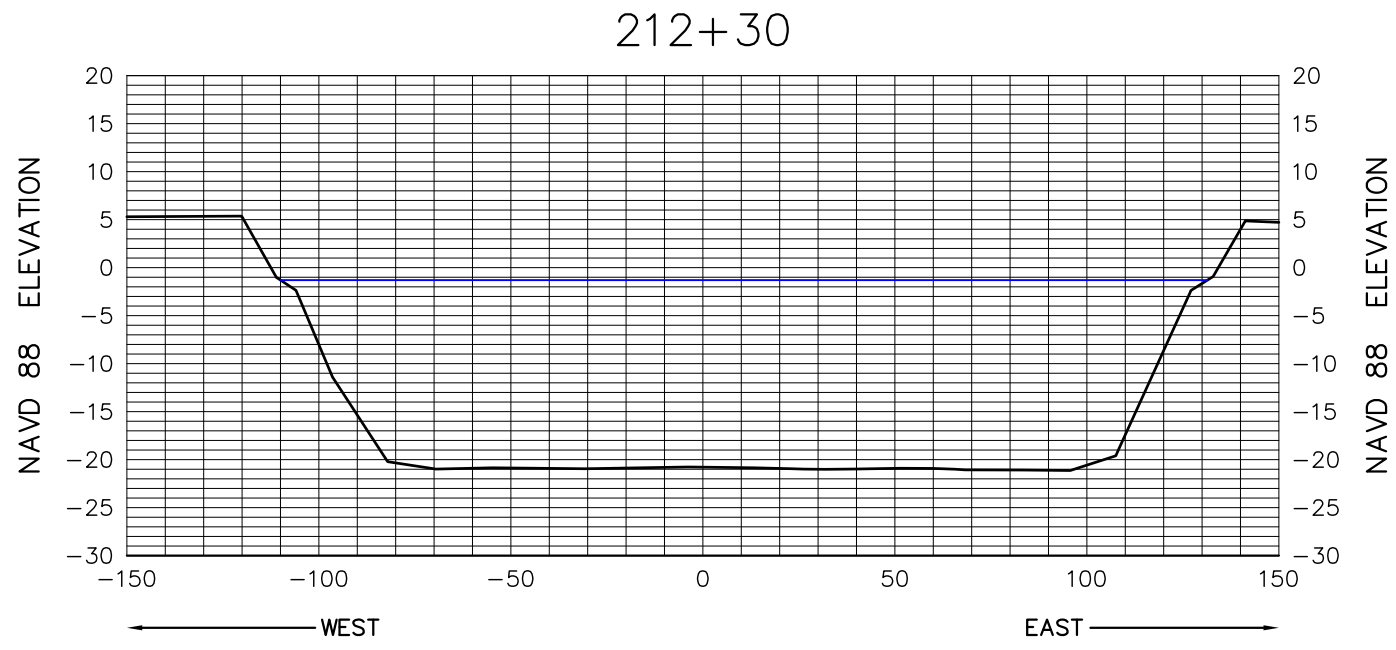
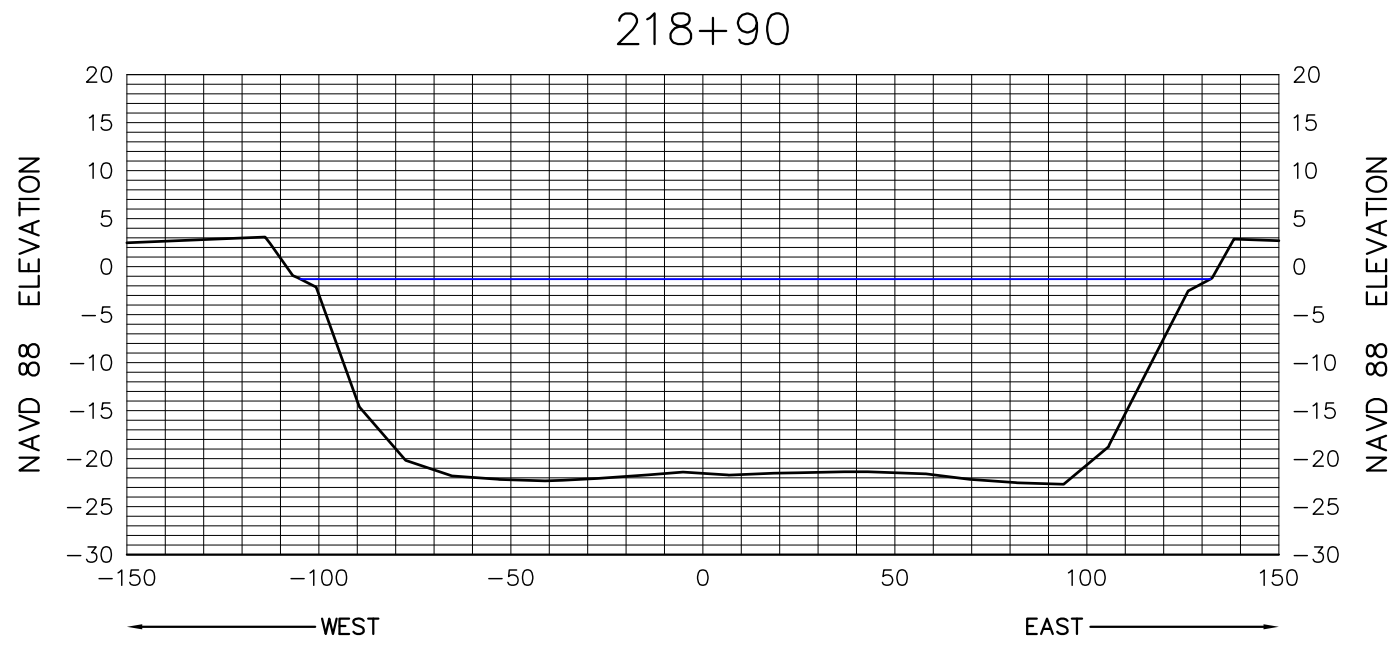
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SCALE  
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SHEET 21 OF 78





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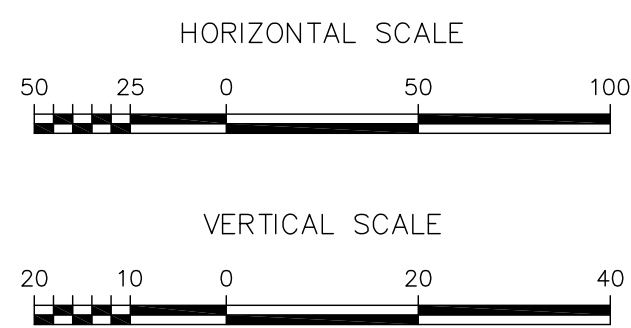
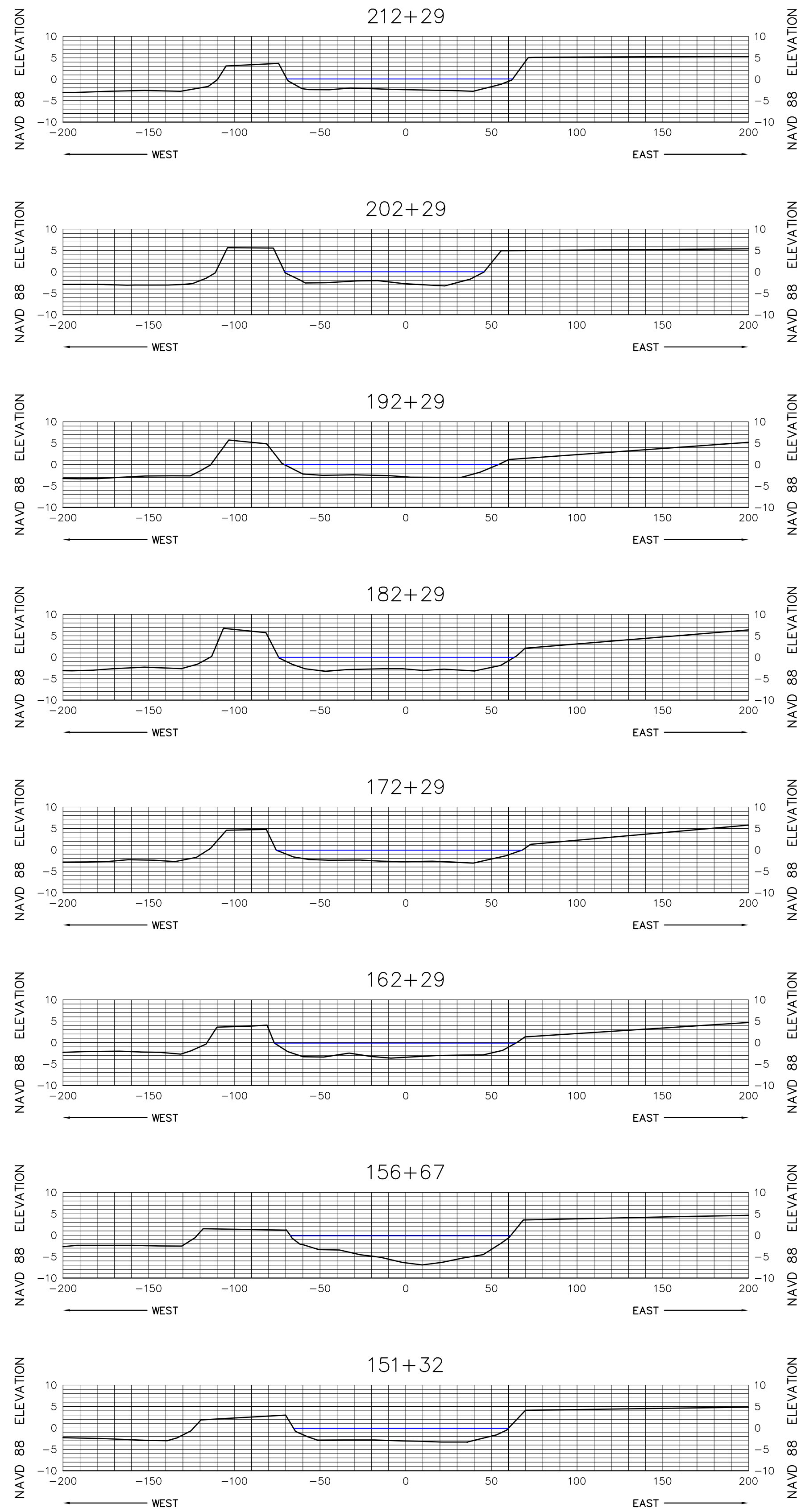
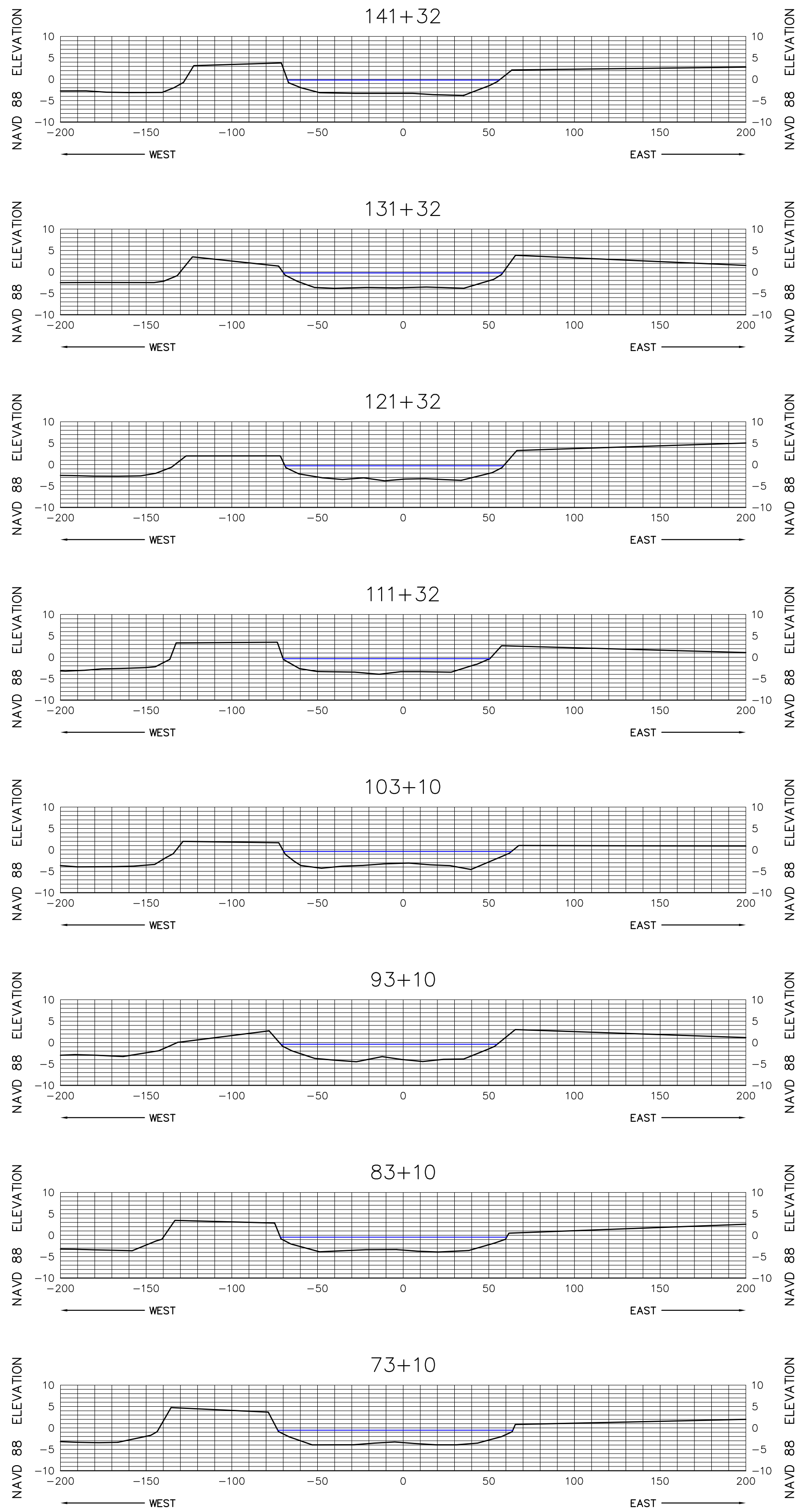
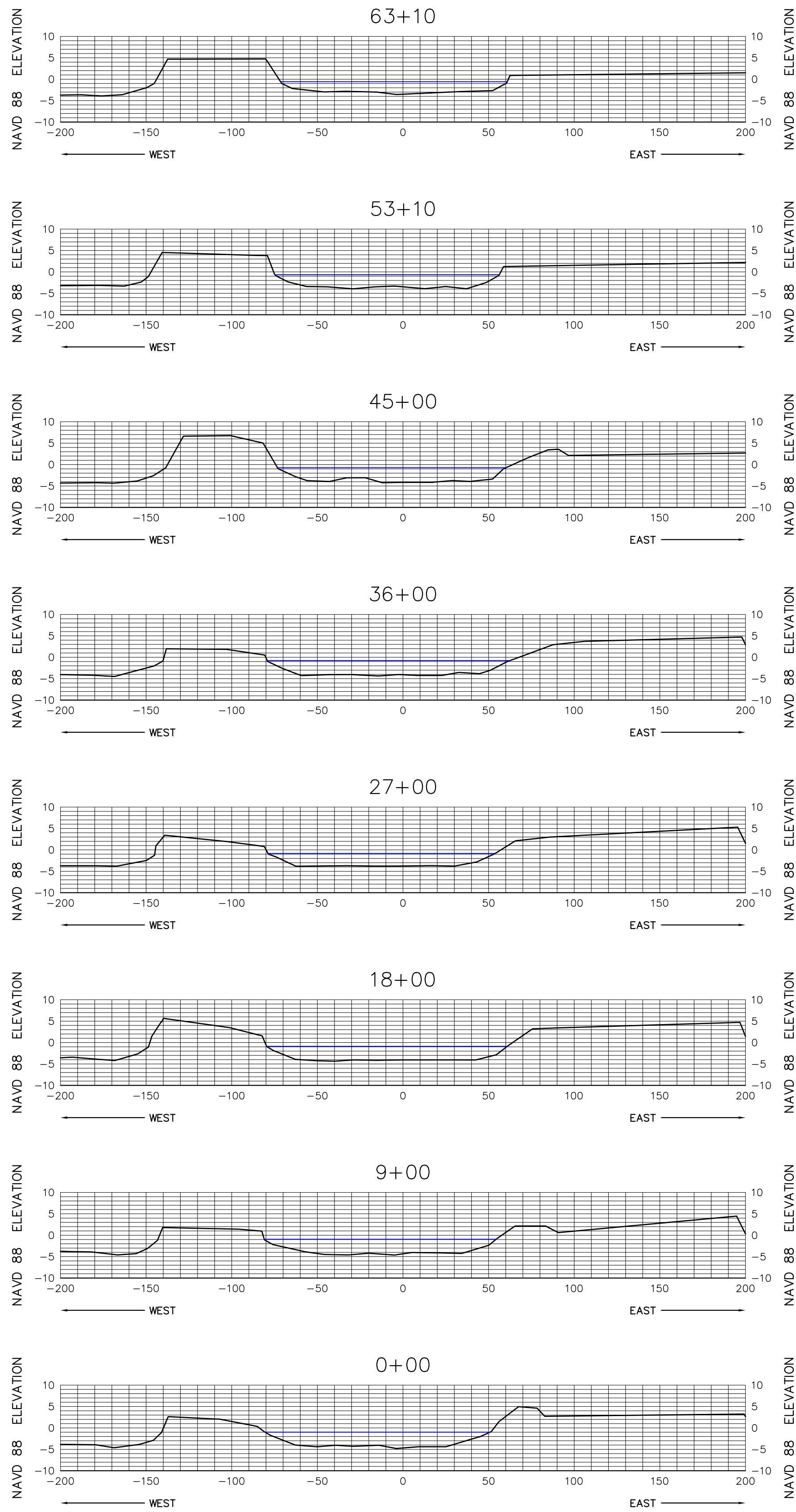
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

GRAND CANAL CROSS SECTION VIEW (NAVD 88)


TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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					SCALE AS SHOWN
					DATE 6/14/10
					SHEET 22 OF 78





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JOHN R. MORGAN, II, PLS  
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STATE OF FLORIDA

CANAL 1W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
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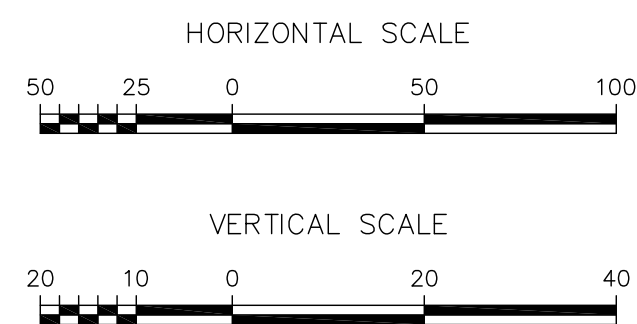
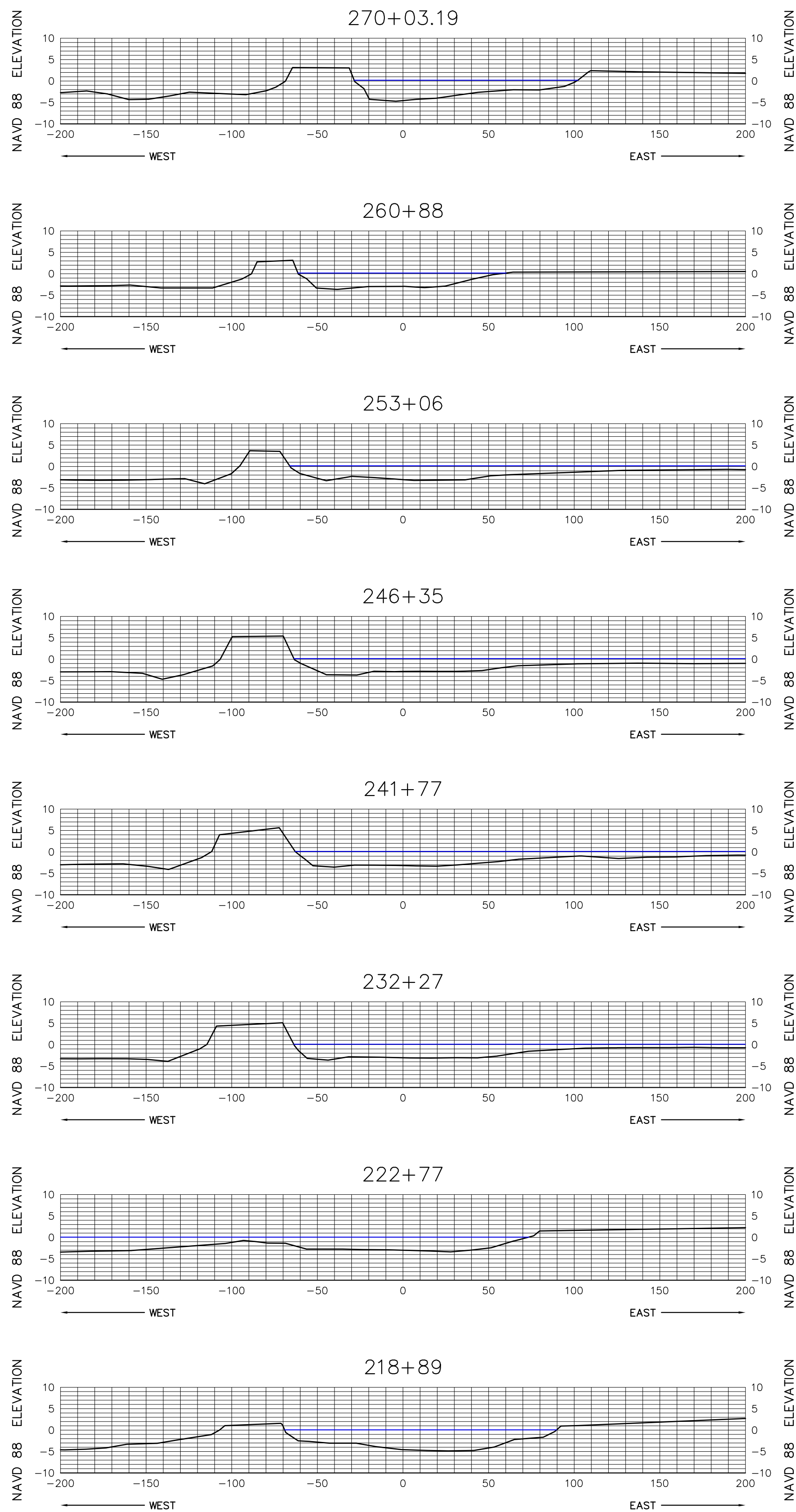
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SCALE  
AS SHOWN

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6/14/10

SHEET 23 OF 78





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PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 1W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
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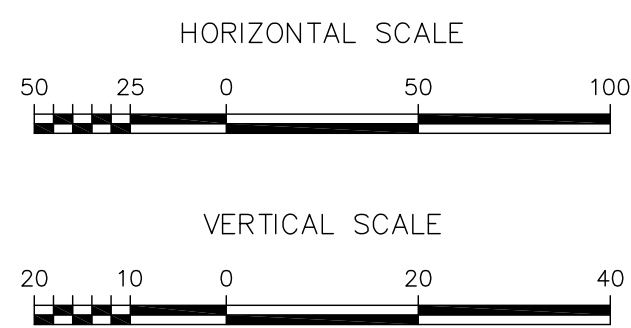
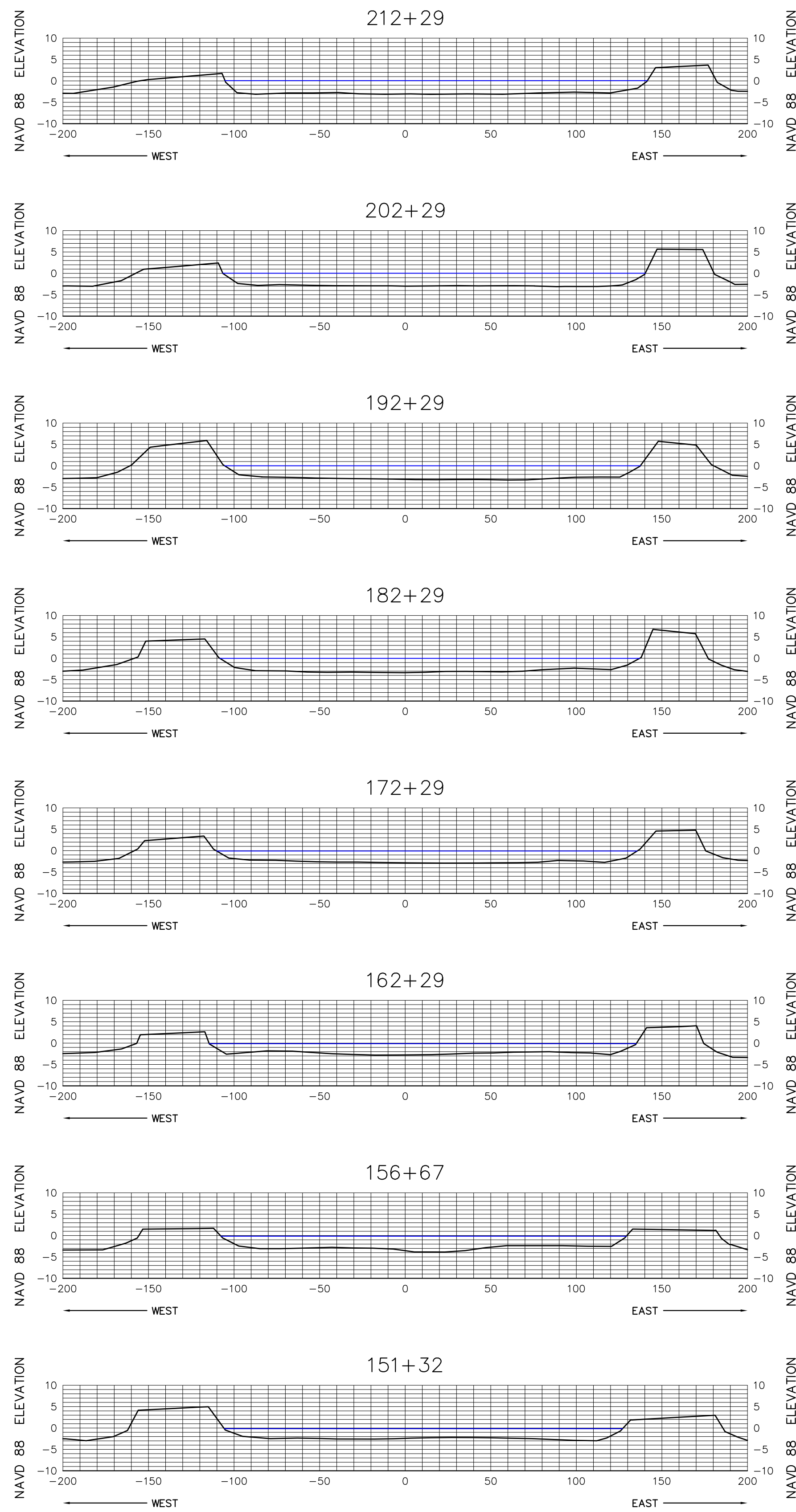
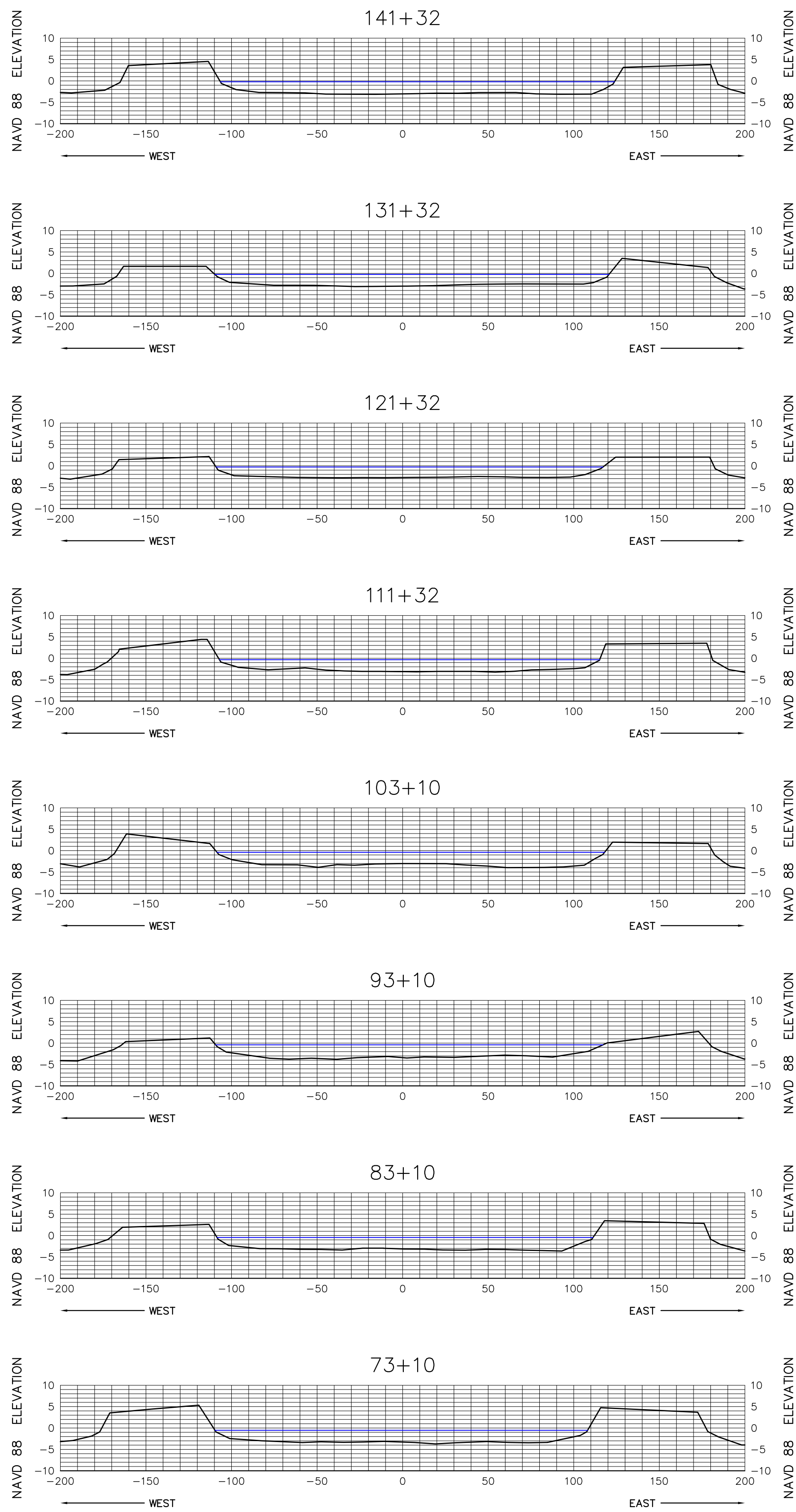
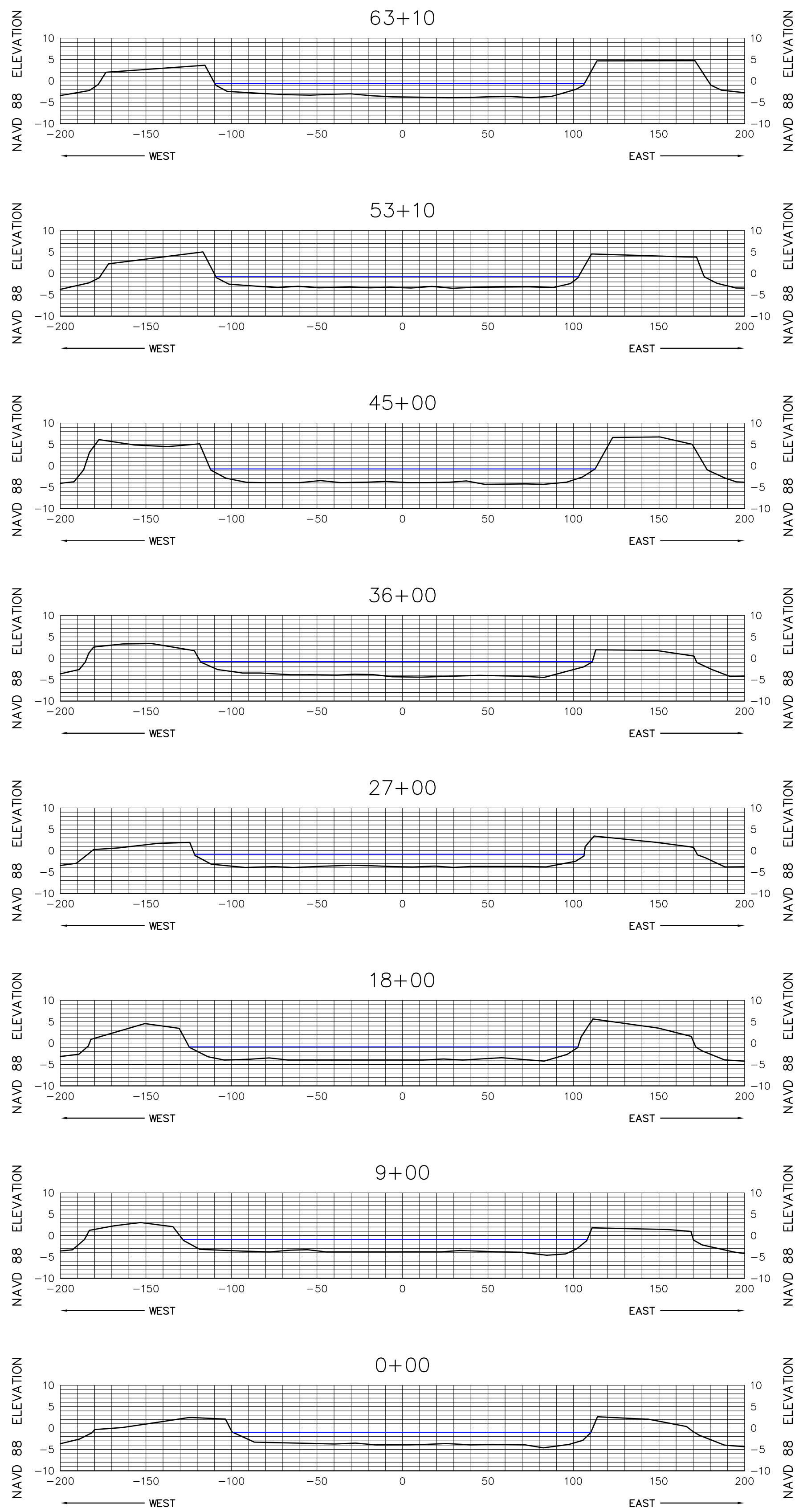
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PAGE NO. COVER


DATE OF SURVEY  
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SHEET 24 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 2W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
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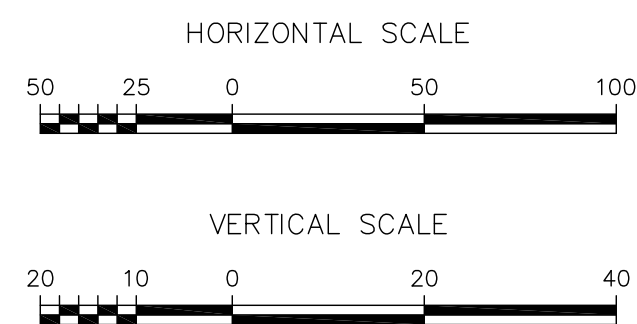
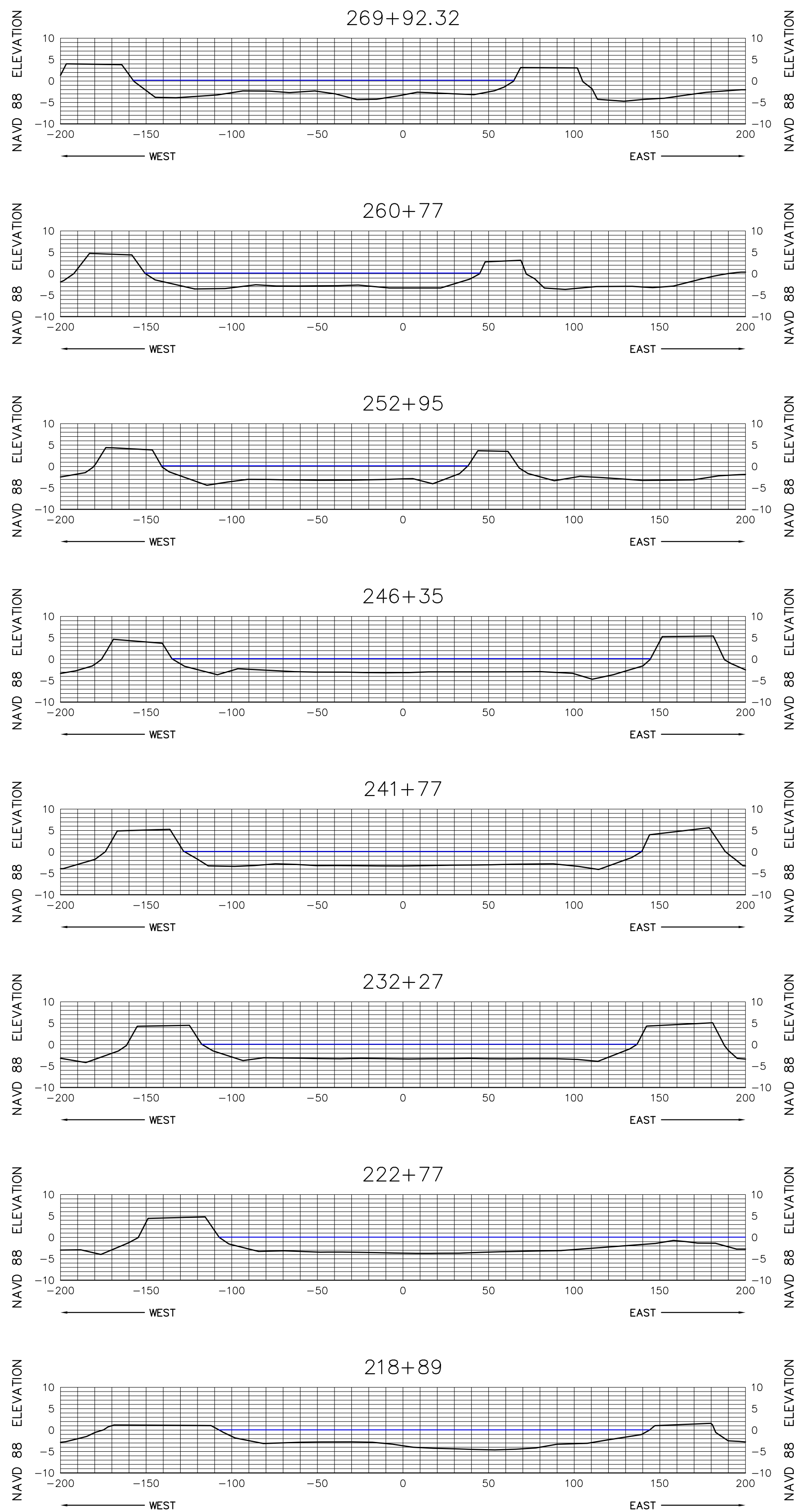
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SHEET 25 OF 78





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PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 2W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
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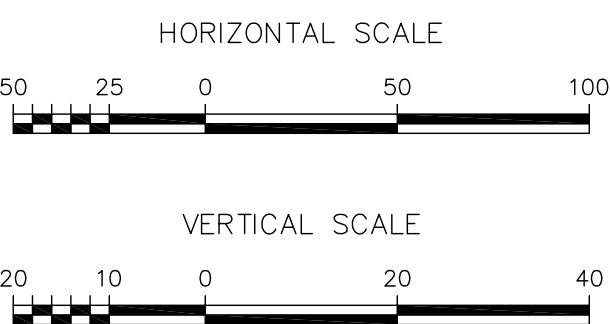
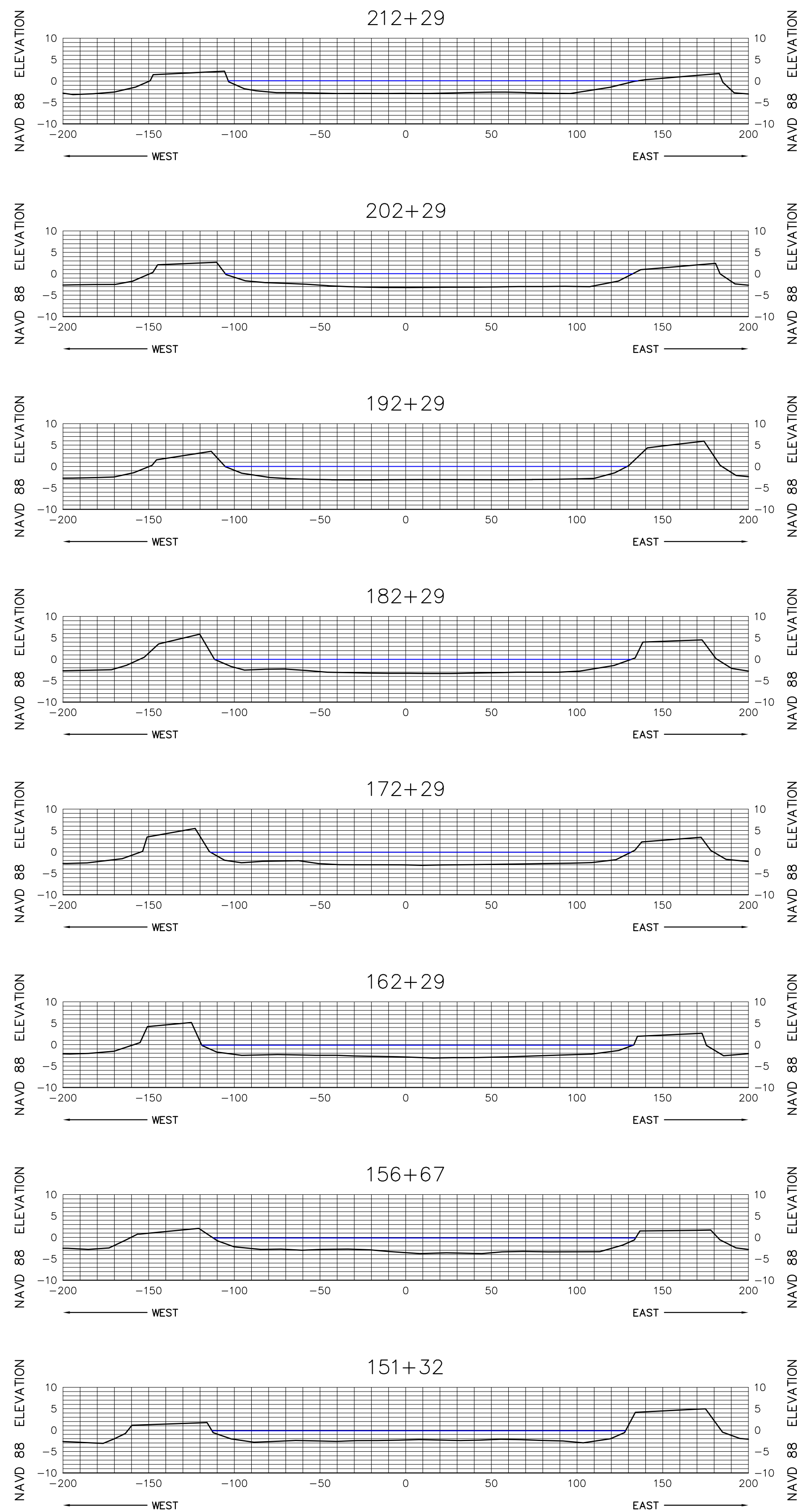
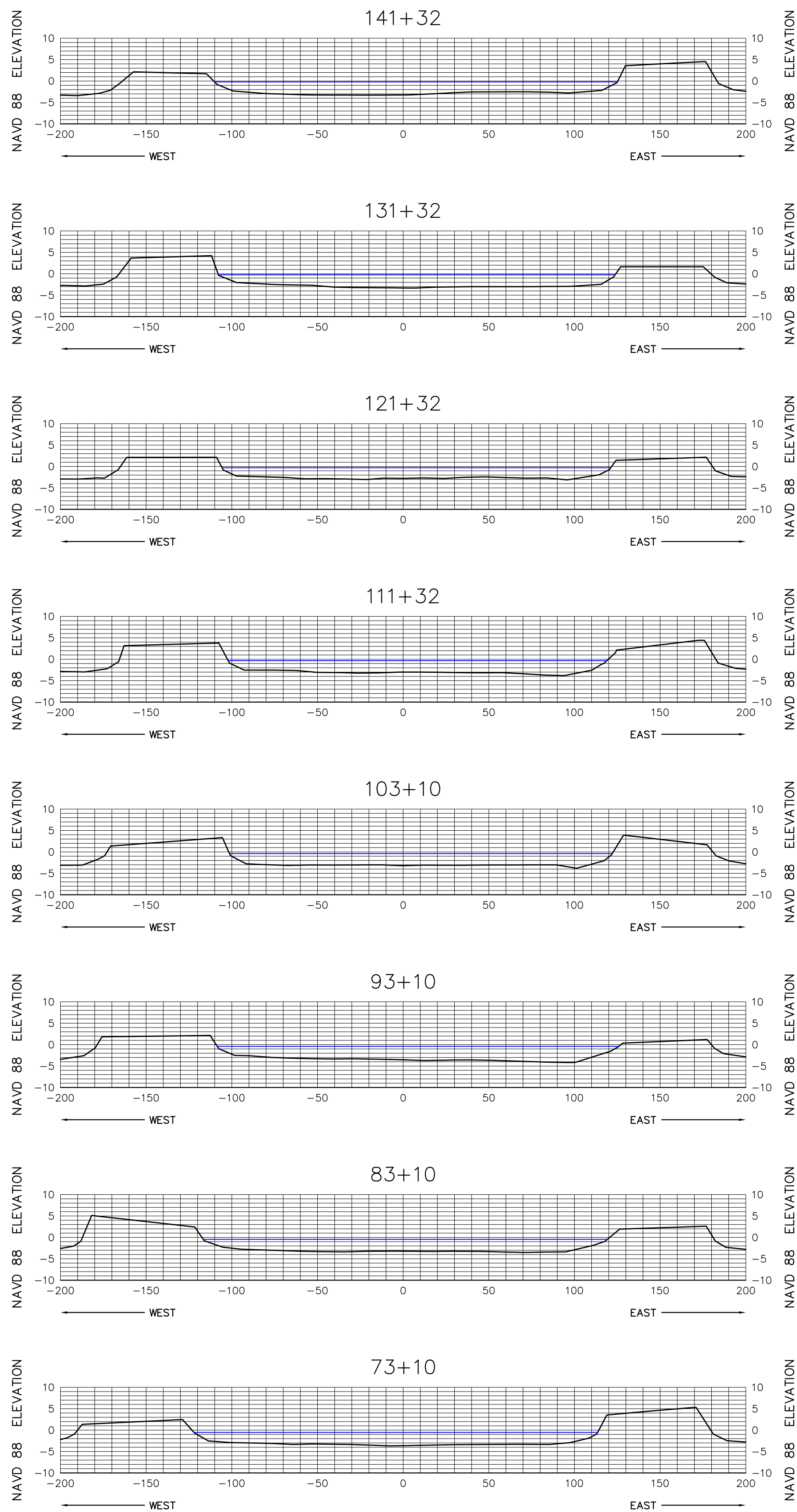
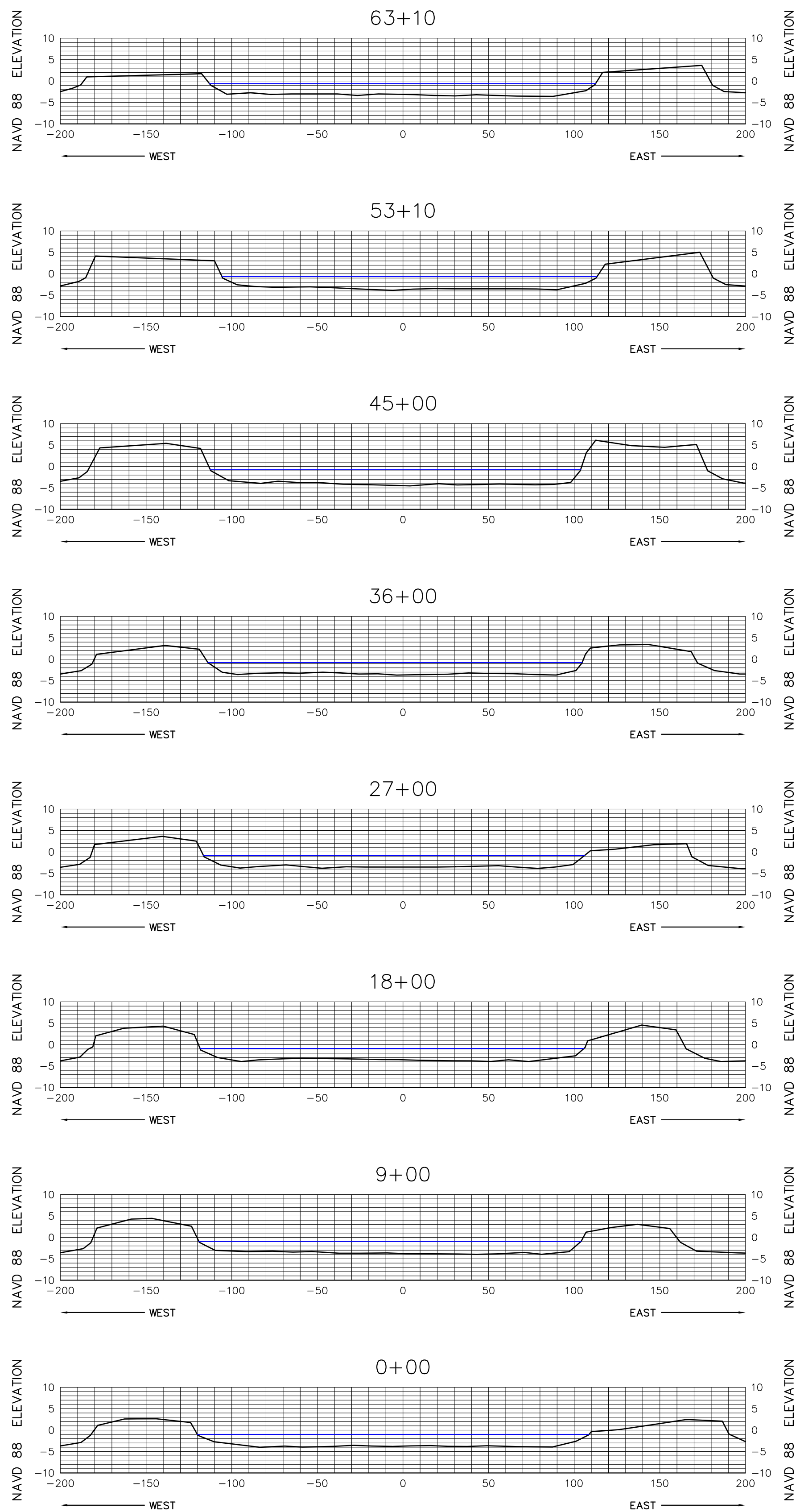
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DATE OF SURVEY  
6/2/10

SHEET 26 OF 78





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PROFESSIONAL SURVEY CONSULTANTS

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STATE OF FLORIDA

CANAL 3W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
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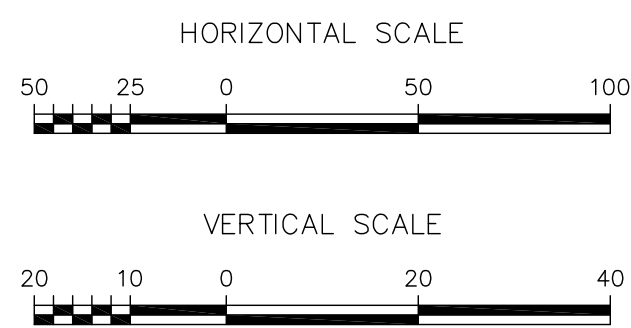
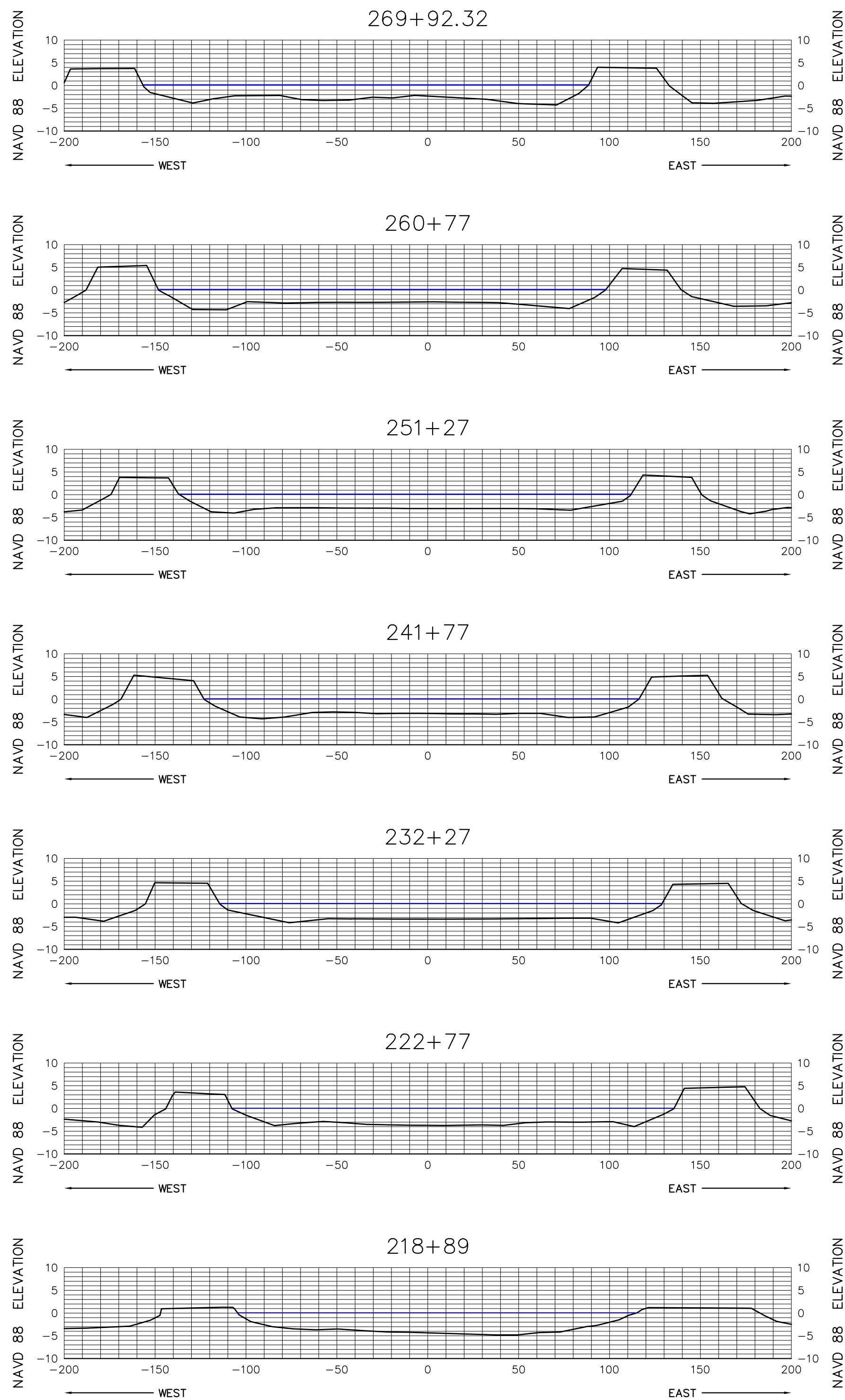
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SHEET 27 OF 78

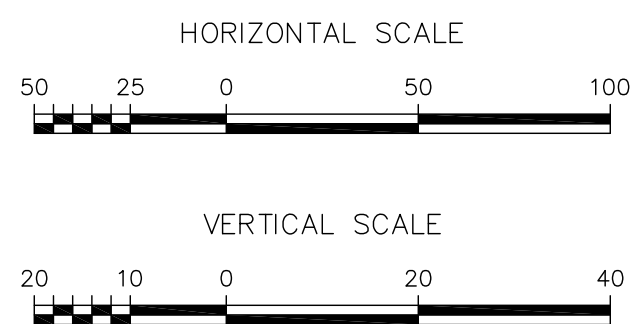
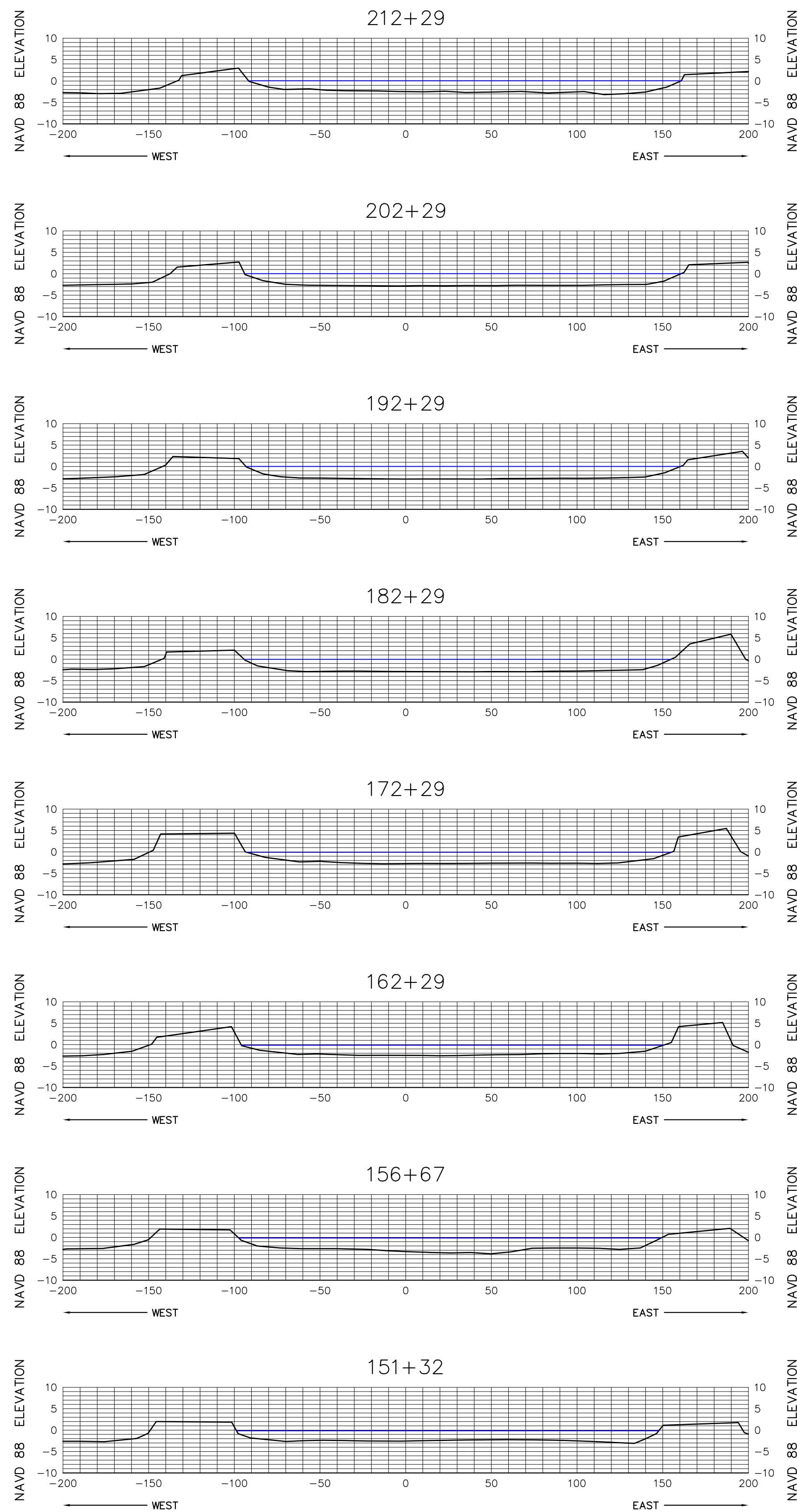
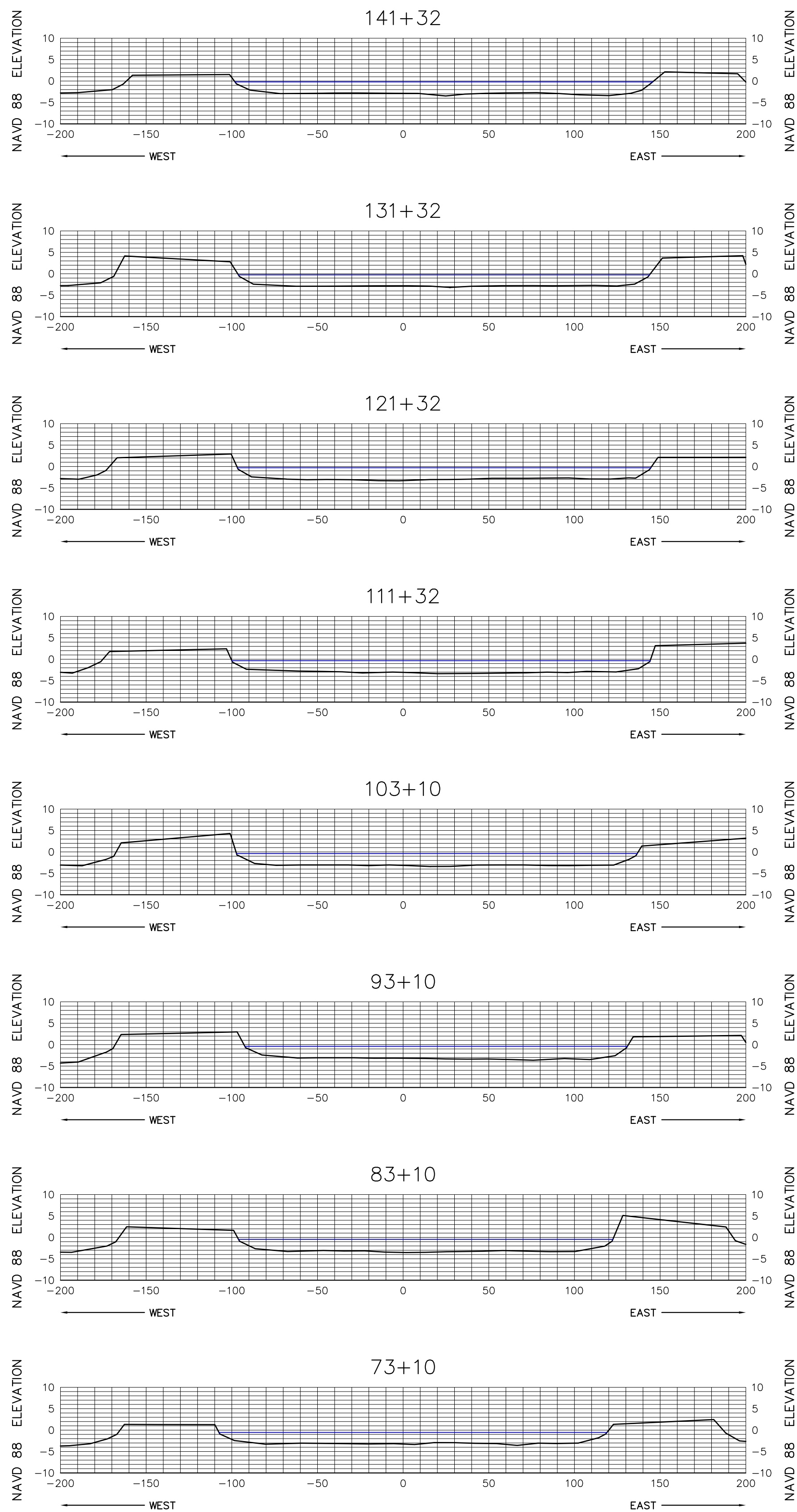
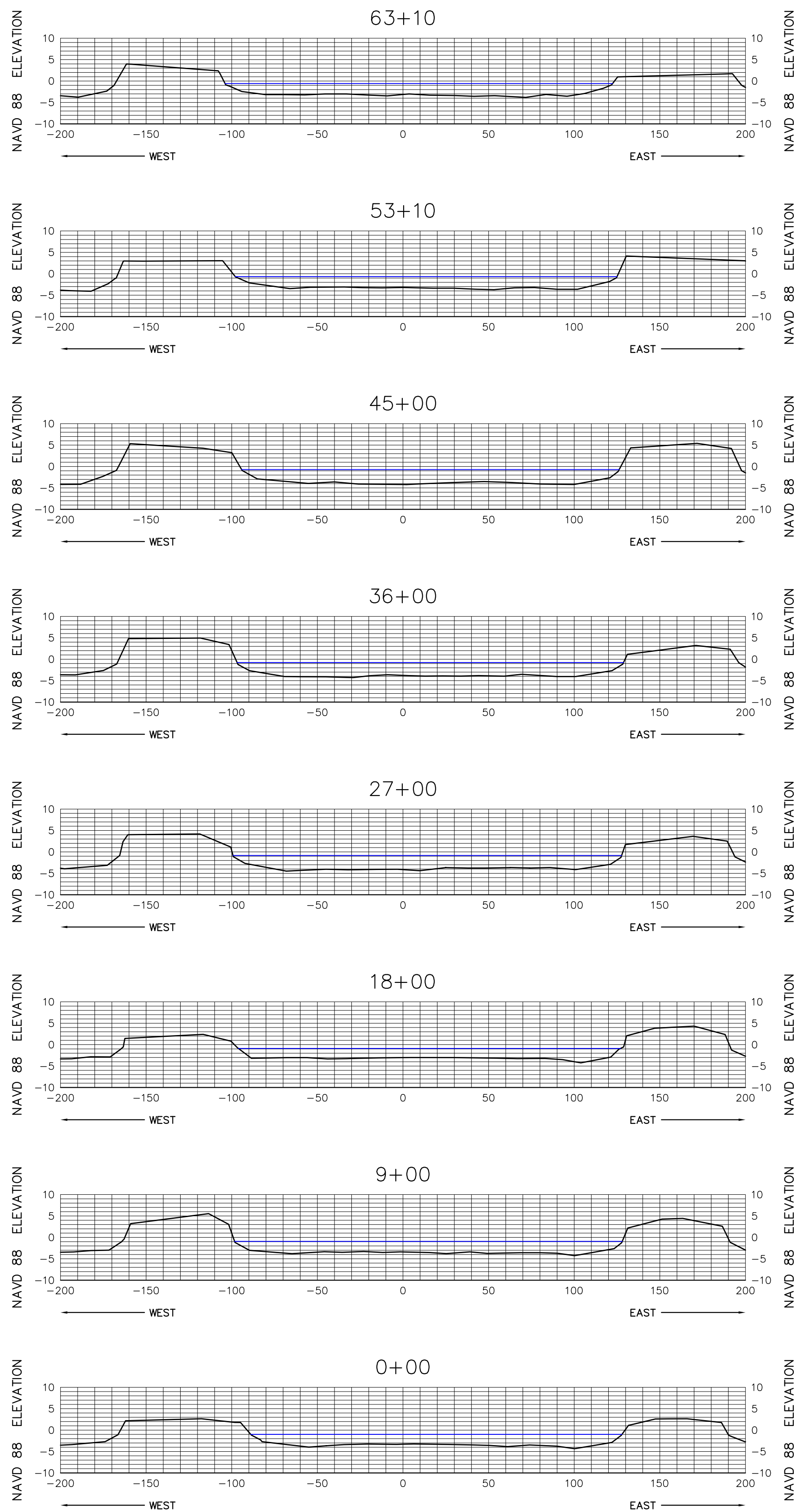




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	<b>PROFESSIONAL SURVEY CONSULTANTS</b>						<b>TURKEY POINT COOLING CANALS</b>				<small>SCALE</small> AS SHOWN				
							<b>MIAMI-DADE COUNTY, FLORIDA</b>								
8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165		1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451		<b>- FOR -</b>				<small>DATE</small> 6/14/10							
LB # 4298		JOHN R. MORGAN, II, P.L.S. PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA		DRAWN BY CAG		CHECKED BY JRM		FIELD BOOK PAGE NO.		SEE COVER		<small>DATE OF SURVEY</small> 6/2/10		<small>SHEET</small> 28 <small>OF</small> 78	





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**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
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FAX: (772) 388-3165  
1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451  
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 4W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

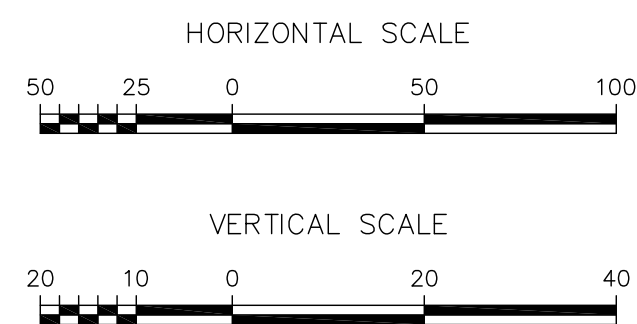
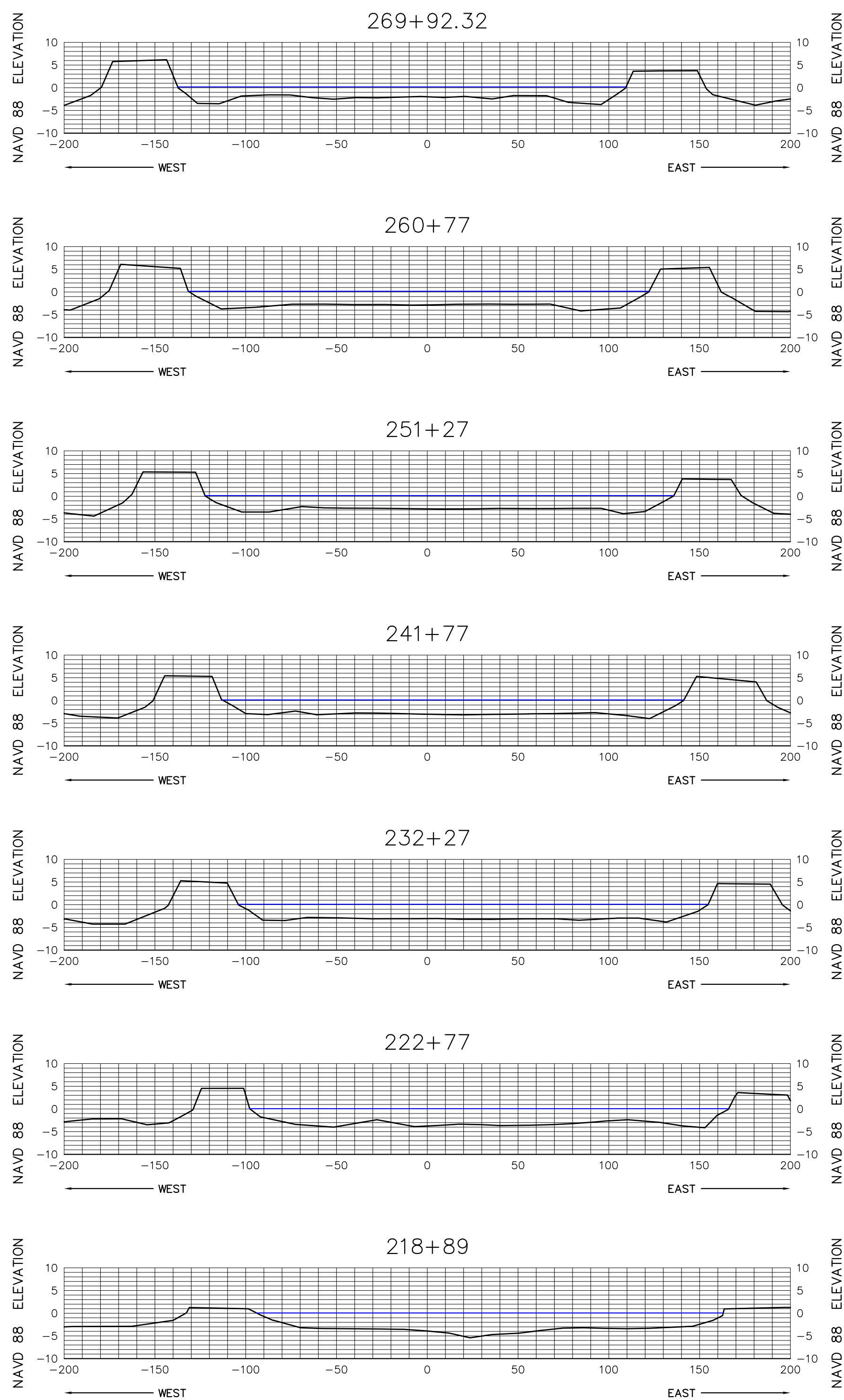
CHECKED BY  
JRM

FIELD BOOK  
PAGE NO. COVER


DATE OF SURVEY  
6/2/10

COMMISSION NO.  
5009.92  
SCALE  
AS SHOWN  
DATE  
6/14/10  
SHEET 29 OF 78

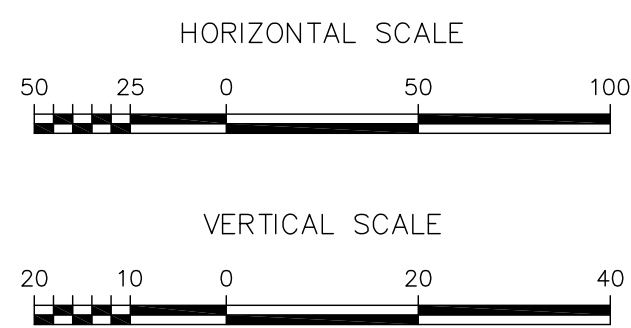
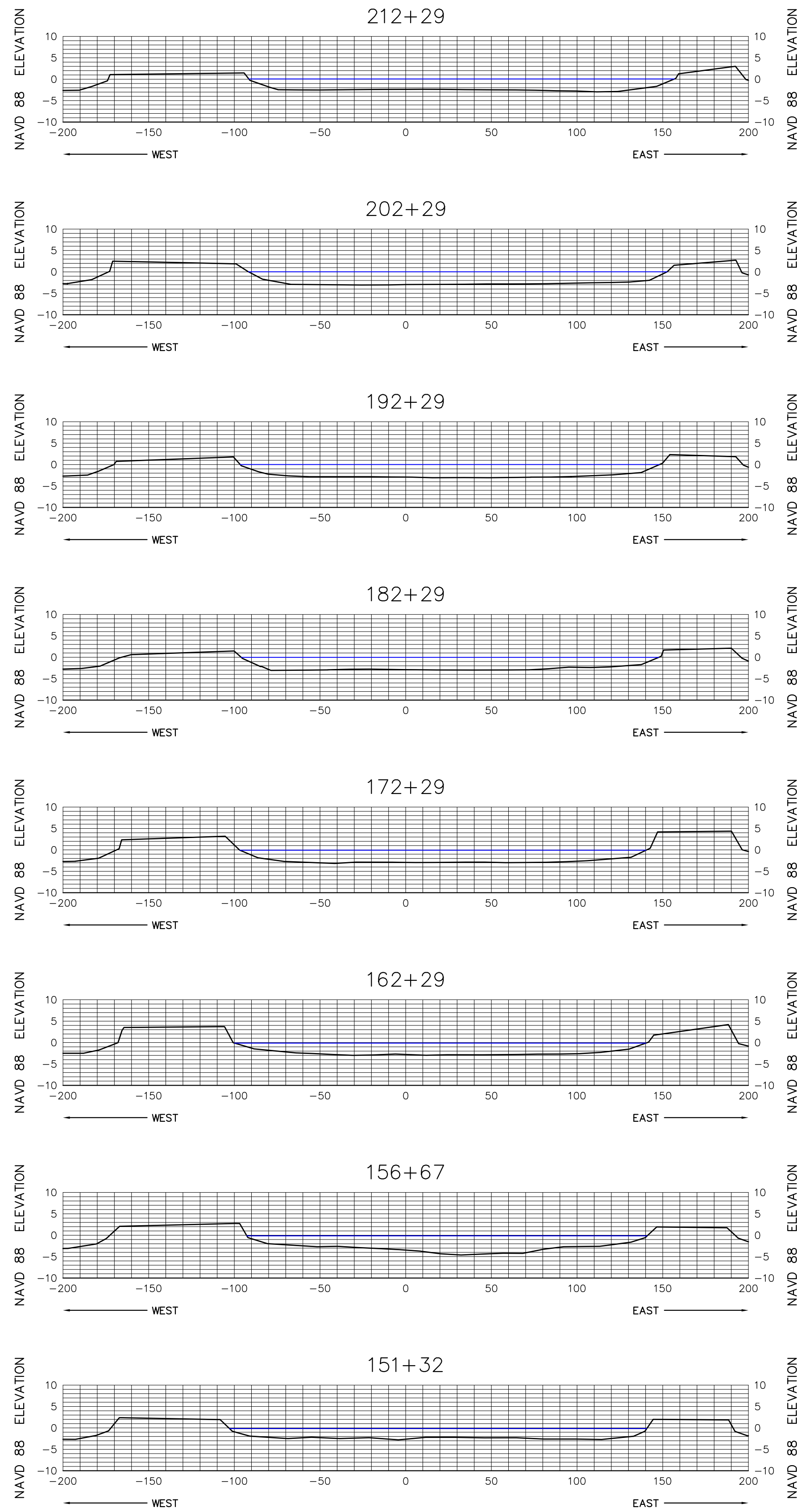
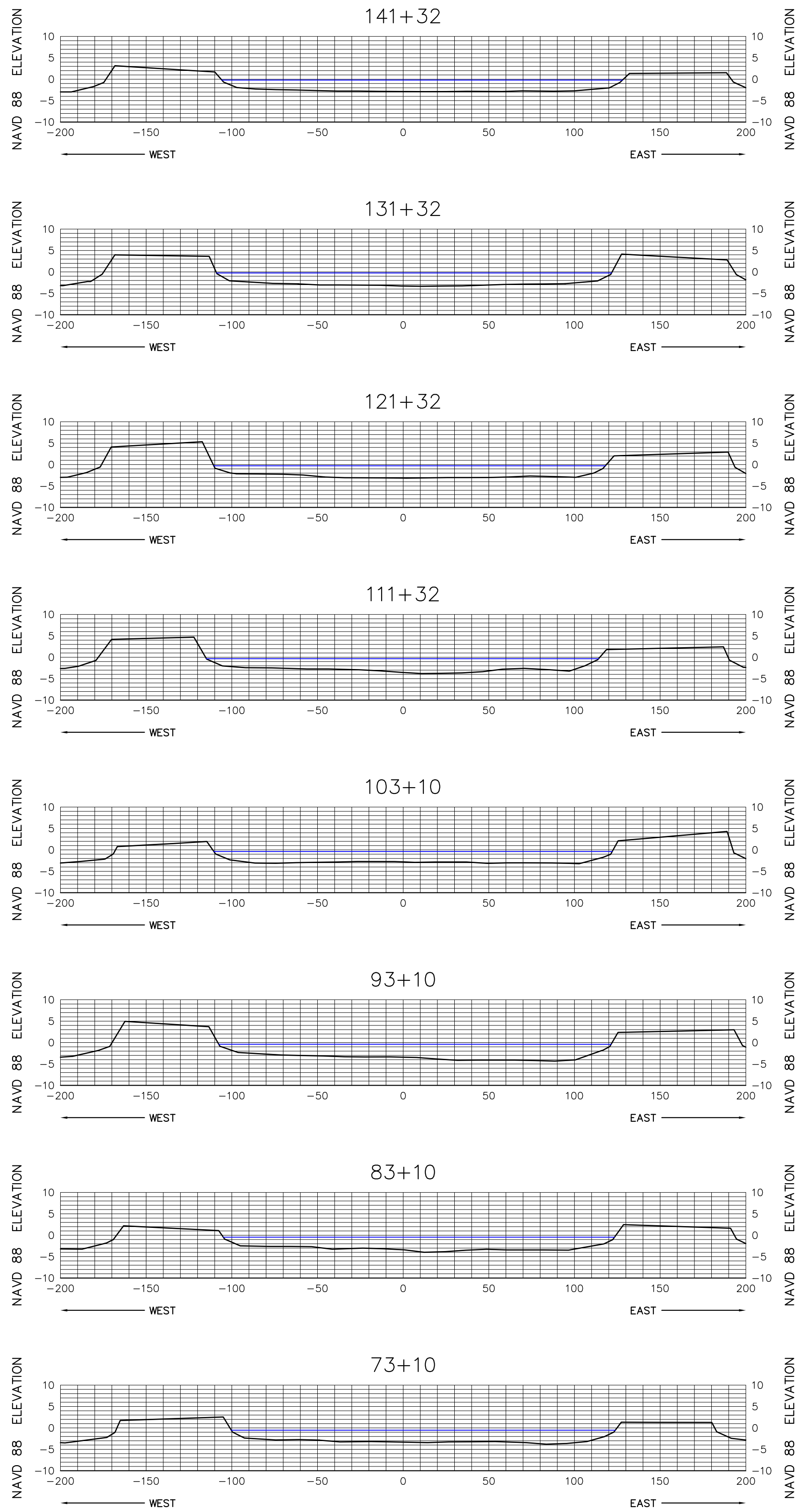
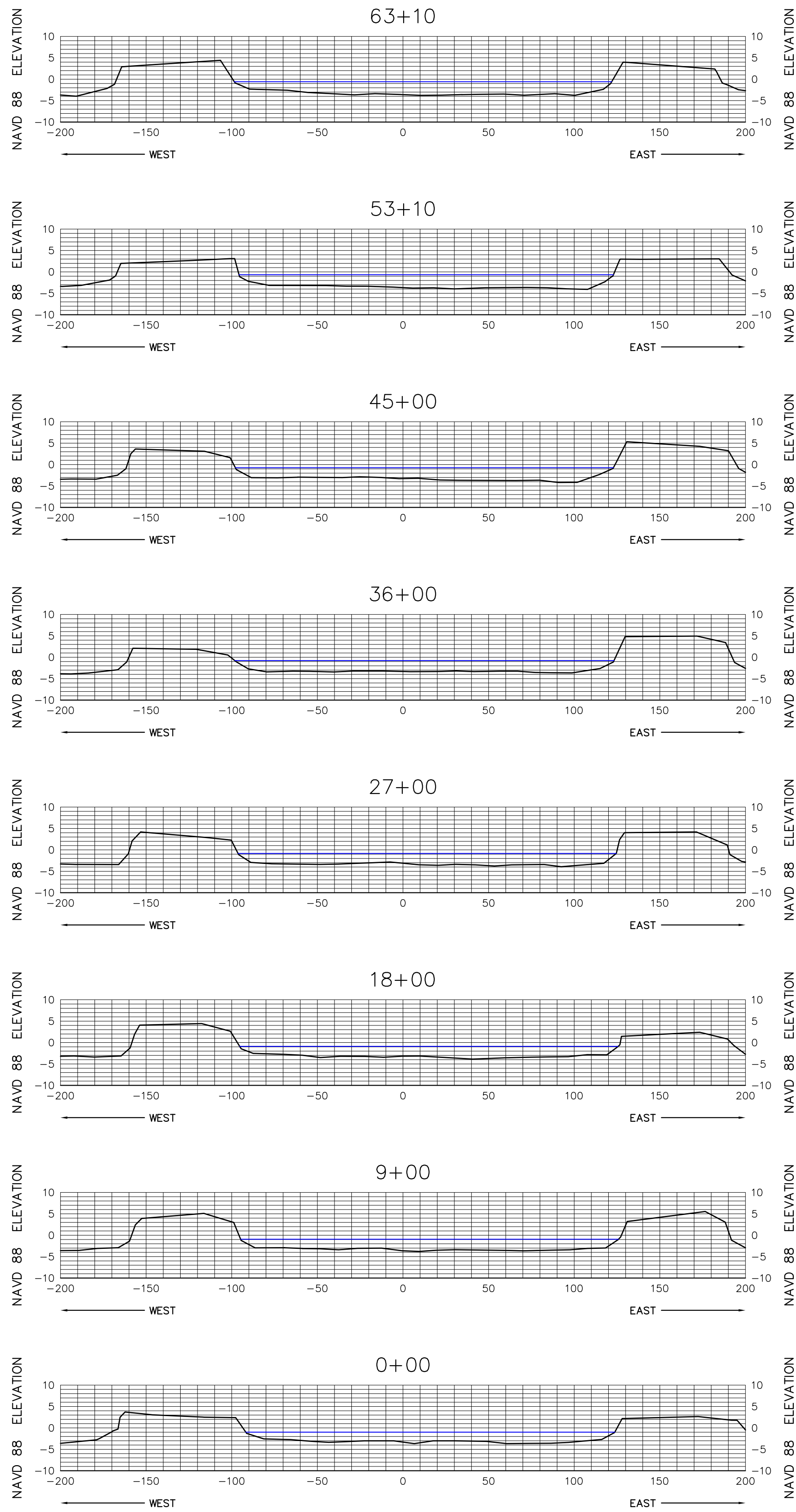




SEE SHEET 1 FOR NOTES

	<b>MORGAN &amp; EKLUND, INC.</b>		CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				TOPOGRAPHIC & BATHYMETRIC SURVEY				COMMISSION NO. 5009.92		
	<b>PROFESSIONAL SURVEY CONSULTANTS</b>						TURKEY POINT COOLING CANALS				AS SHOWN		
	8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165		1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451		MIAMI-DADE COUNTY, FLORIDA				DATE 6/14/10				
	LB # 4298		JOHN R. MORGAN, II, PLS PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA		FLORIDA POWER AND LIGHT				SHEET 30 of 78				
				DRAWN BY CAG		CHECKED BY JRM		FIELD BOOK PAGE NO.		SEE COVER		DATE OF SURVEY 6/2/10	





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**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

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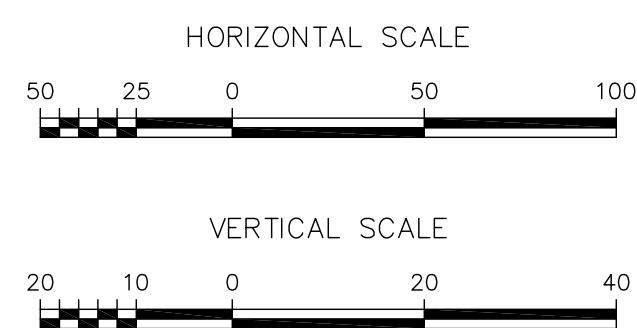
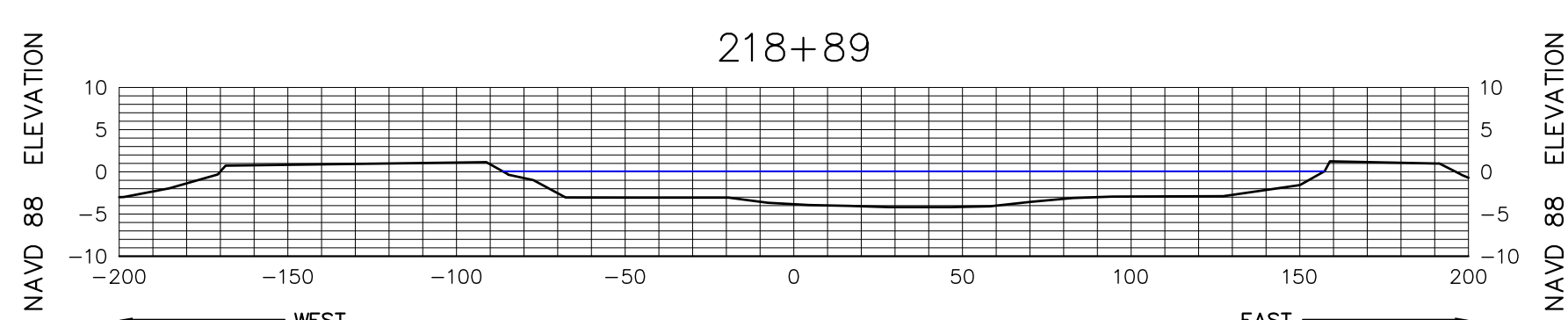
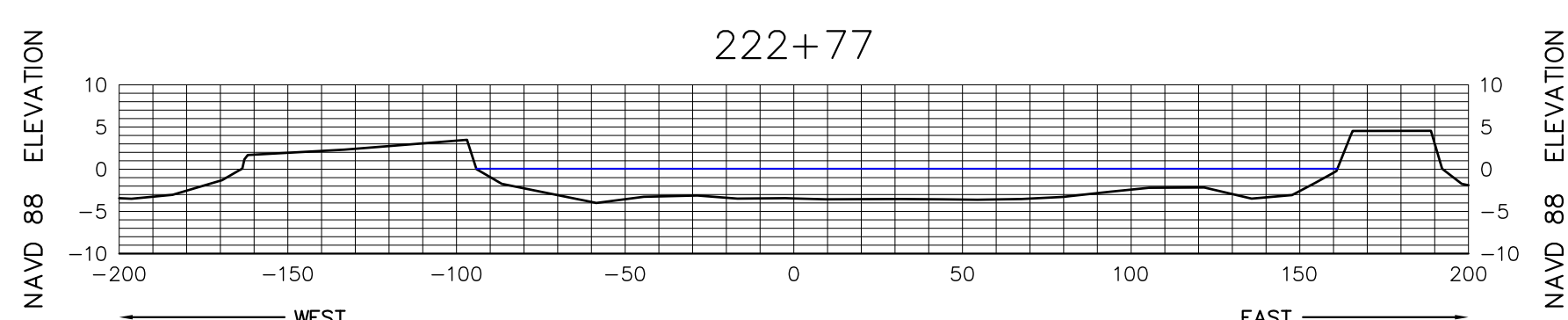
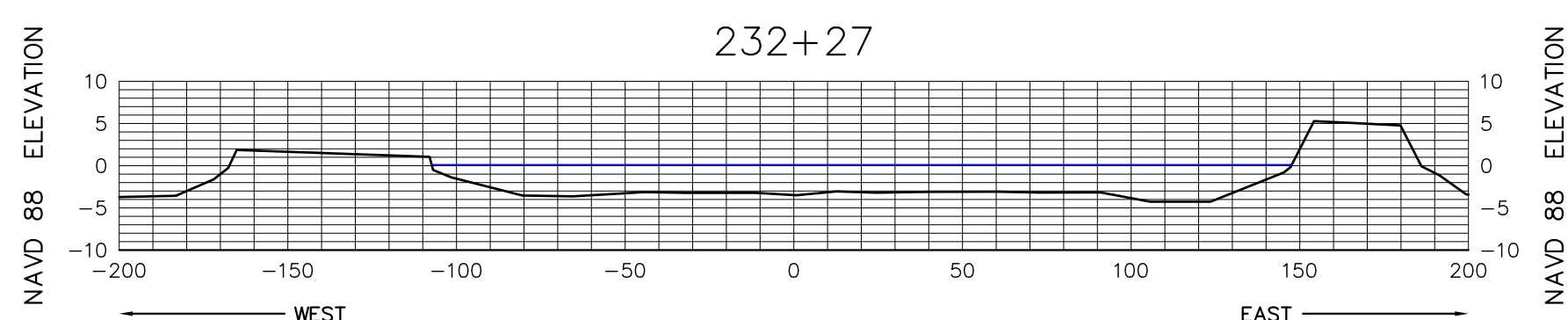
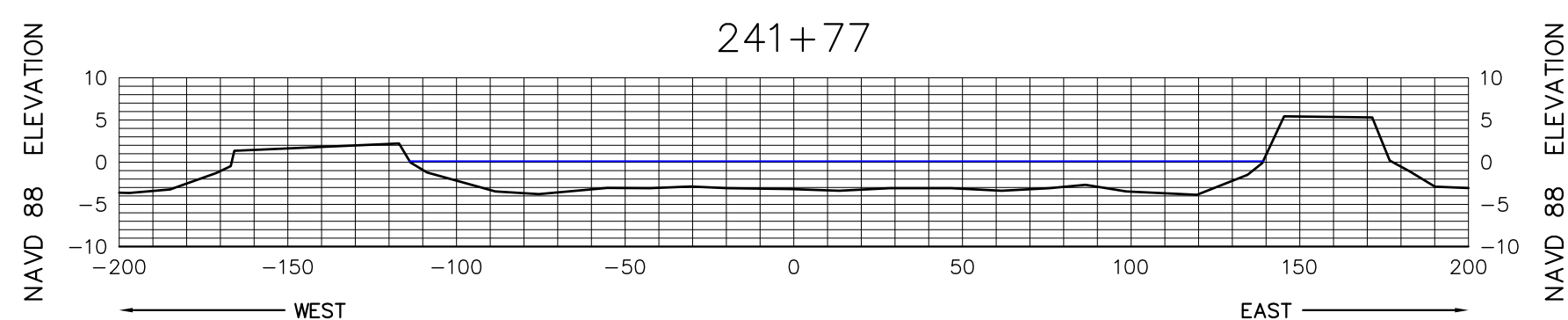
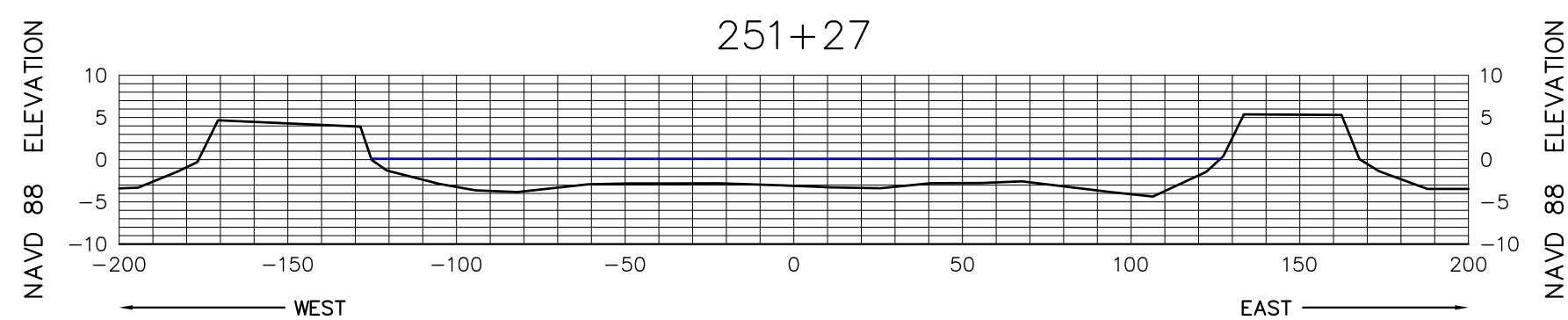
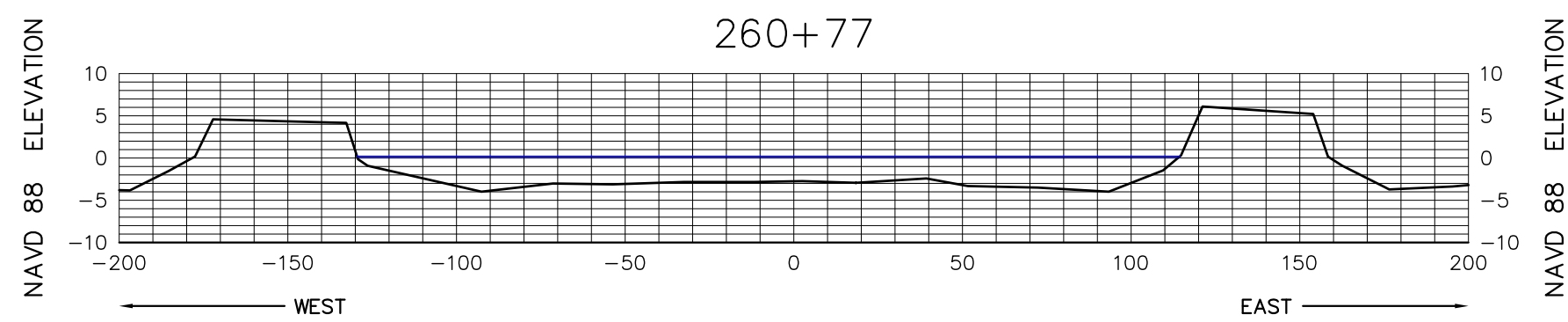
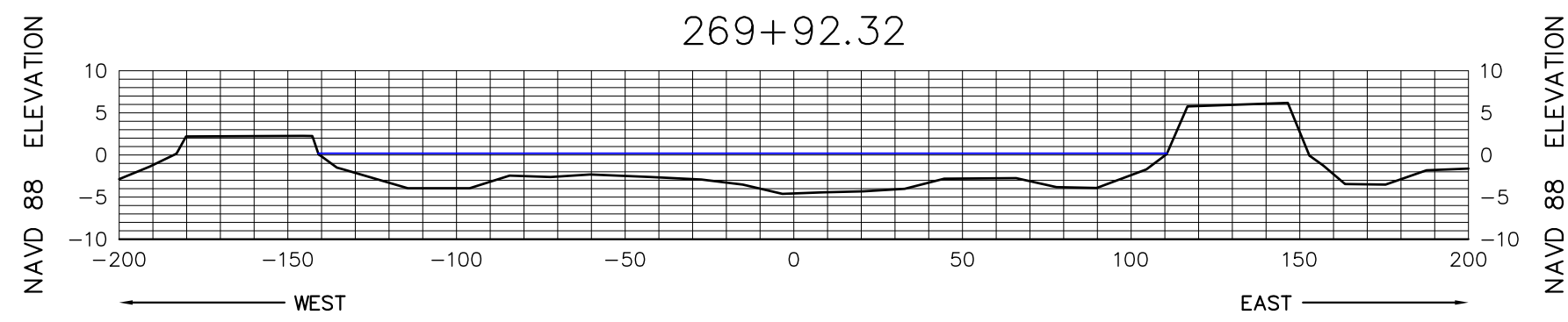
LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 5W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92
TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN
				DATE 6/14/10
DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
				SHEET 31 OF 78





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**PROFESSIONAL SURVEY CONSULTANTS**  
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FAX: (954) 421-0451  
LB # 4298

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 5W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

COMMISSION NO.  
5009.92

SCALE  
AS SHOWN

DATE  
6/14/10

DRAWN BY  
CAG

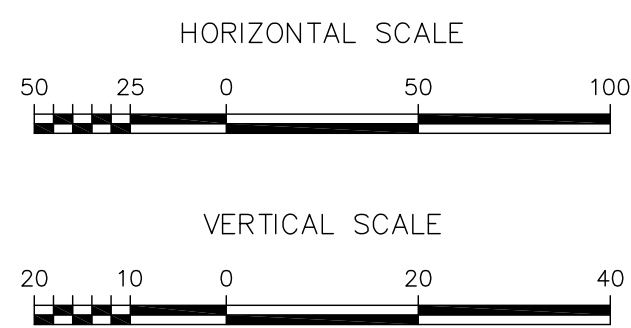
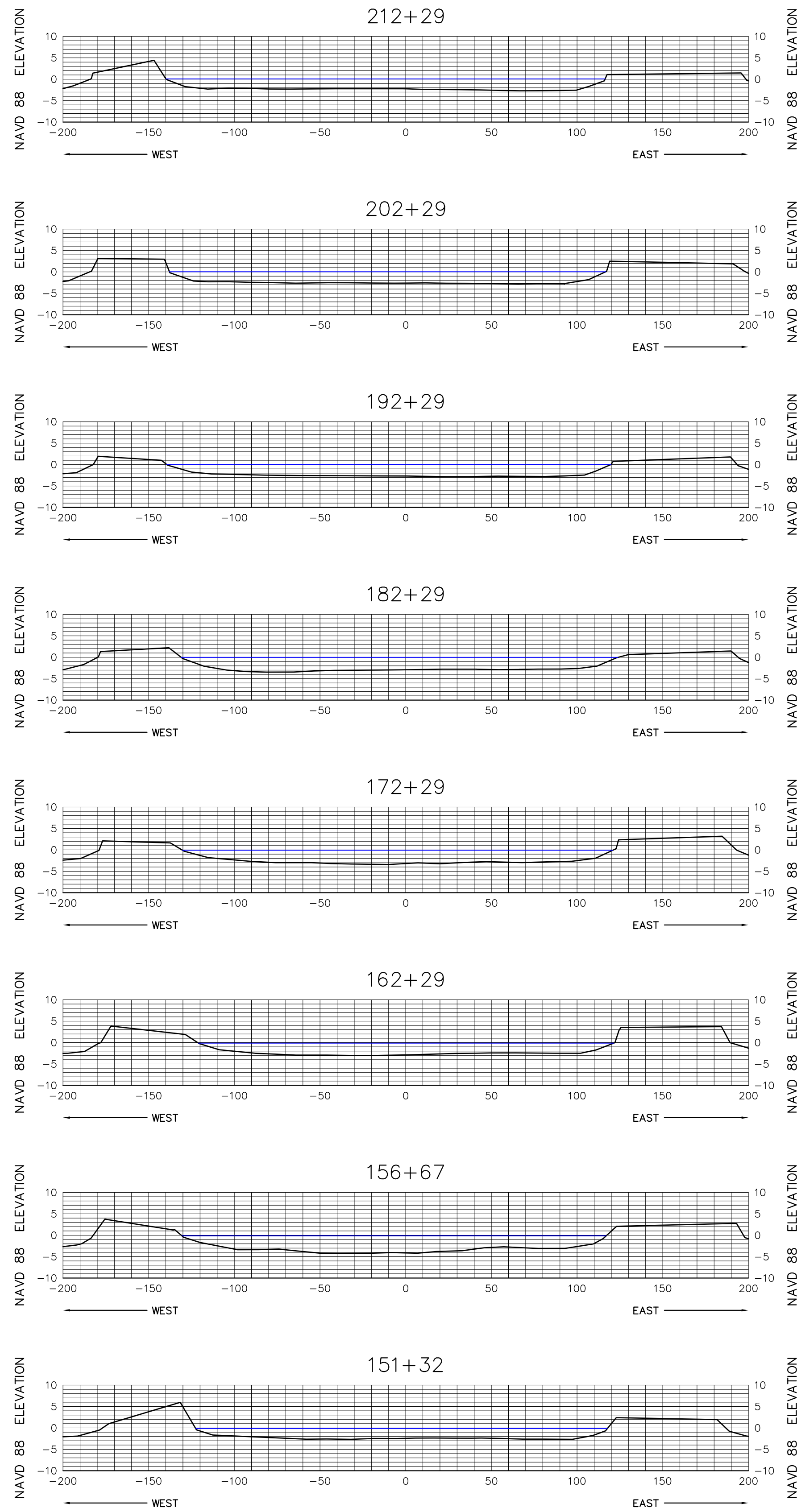
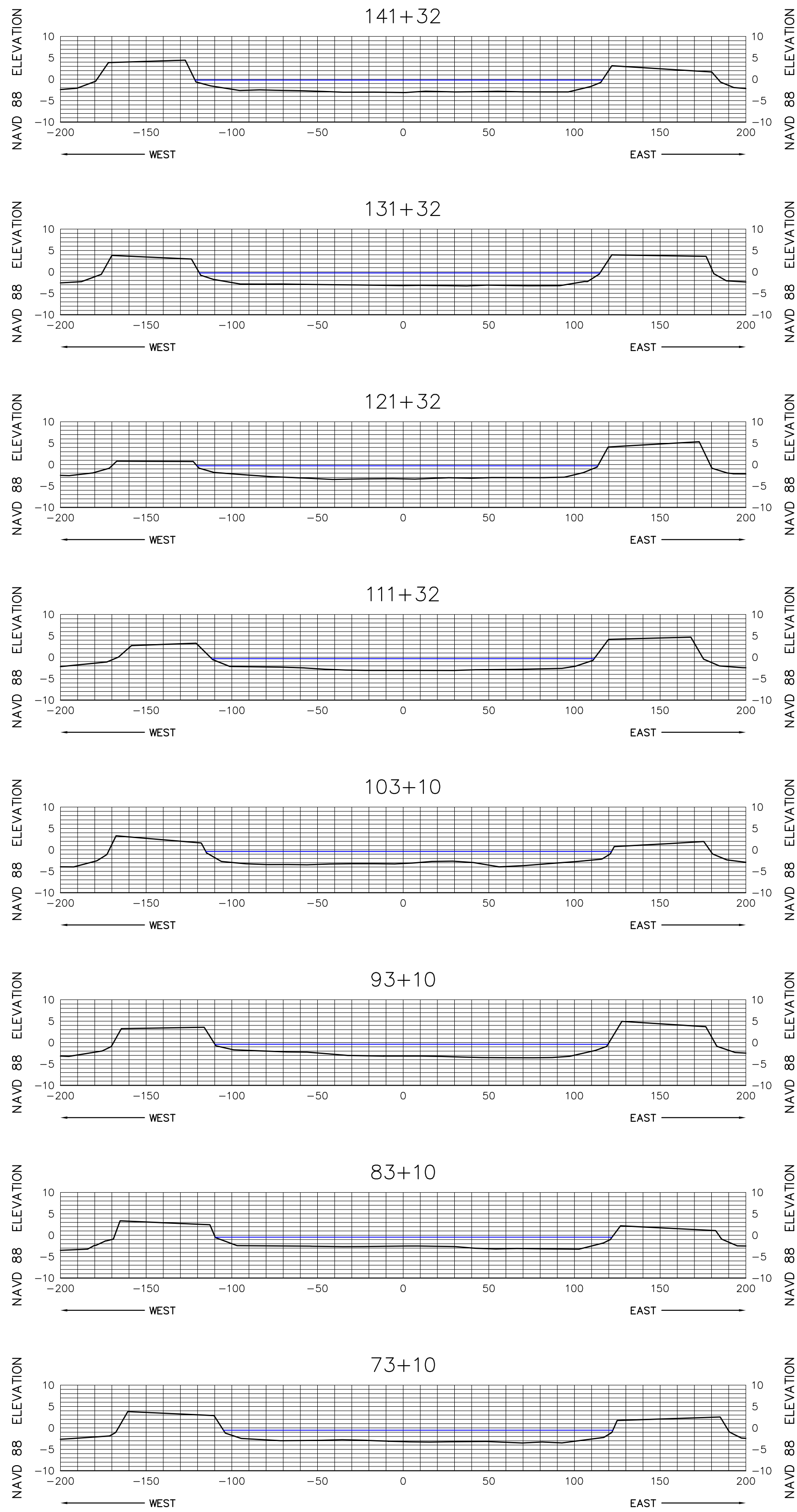
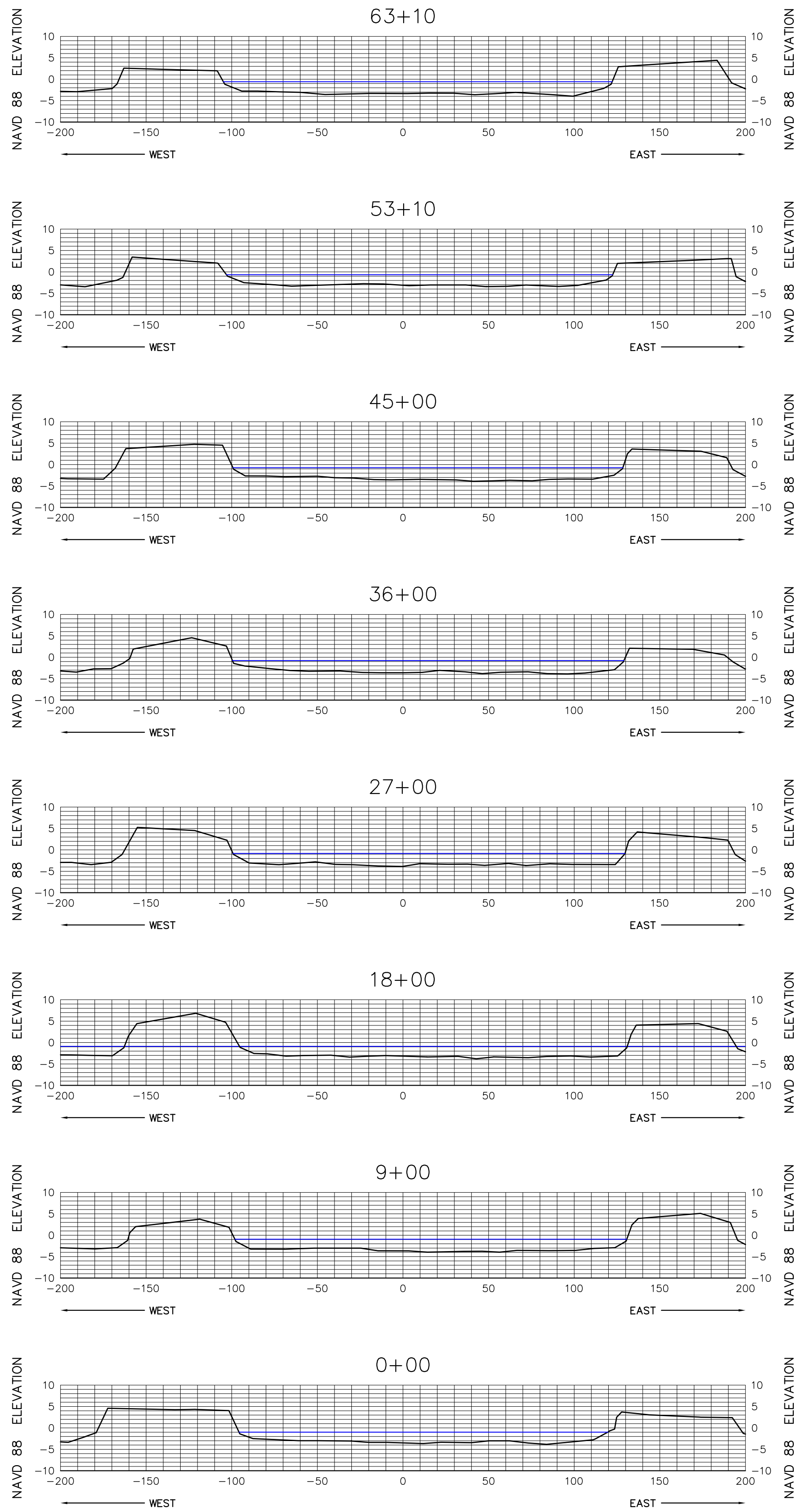
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DATE OF SURVEY  
6/2/10

SHEET 32 OF 78





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**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

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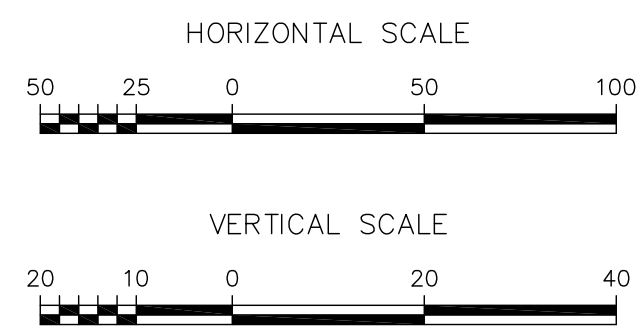
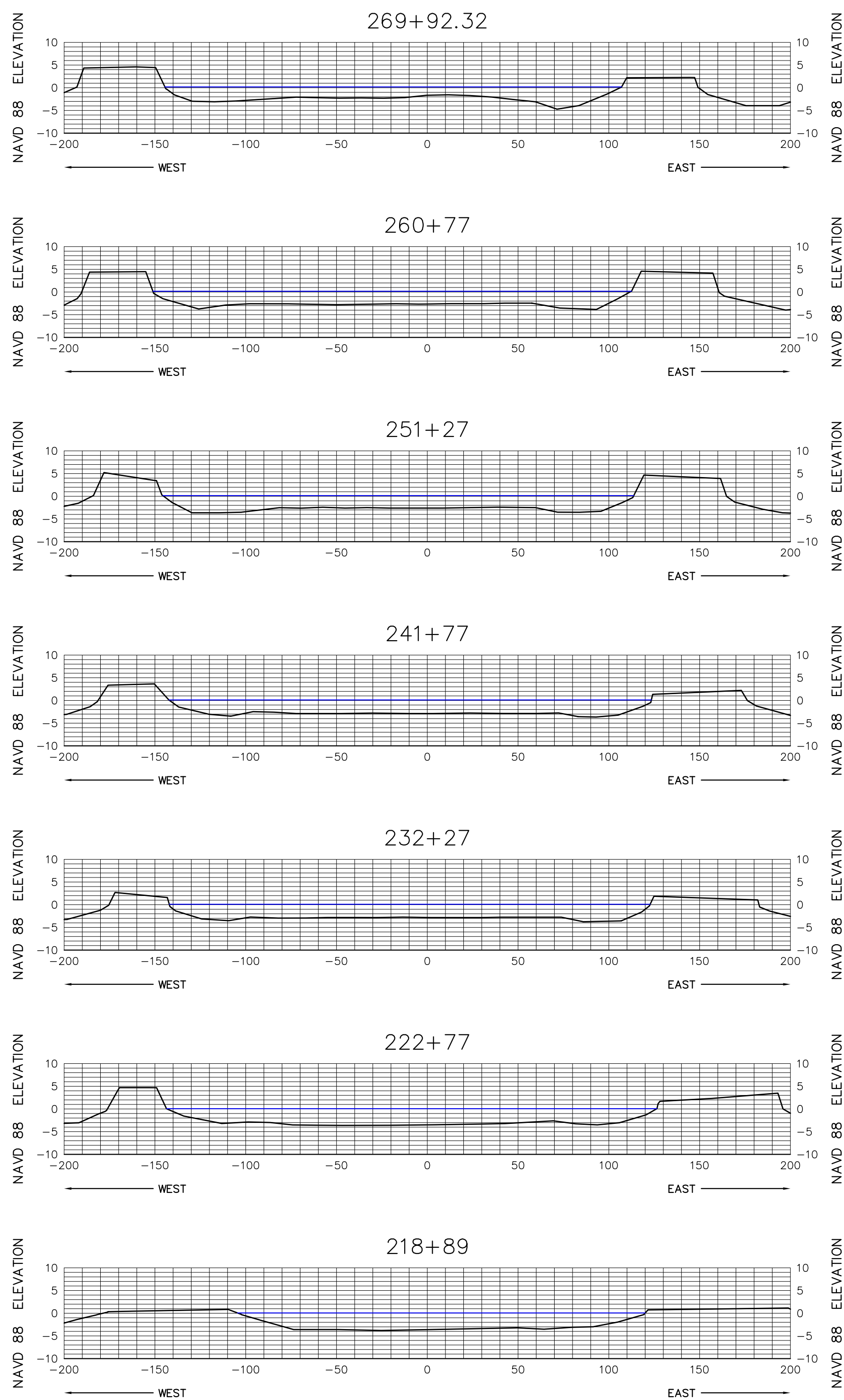
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.


JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 6W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92	
TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN	
				DATE 6/14/10	
				SHEET 33 OF 78	
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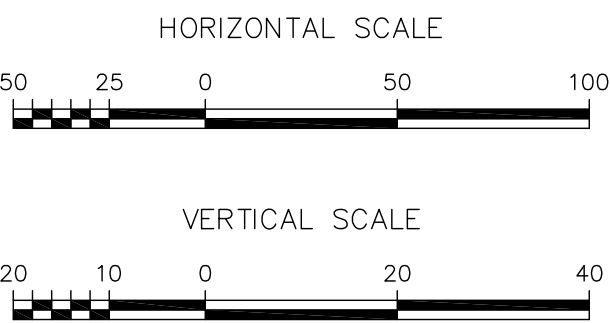
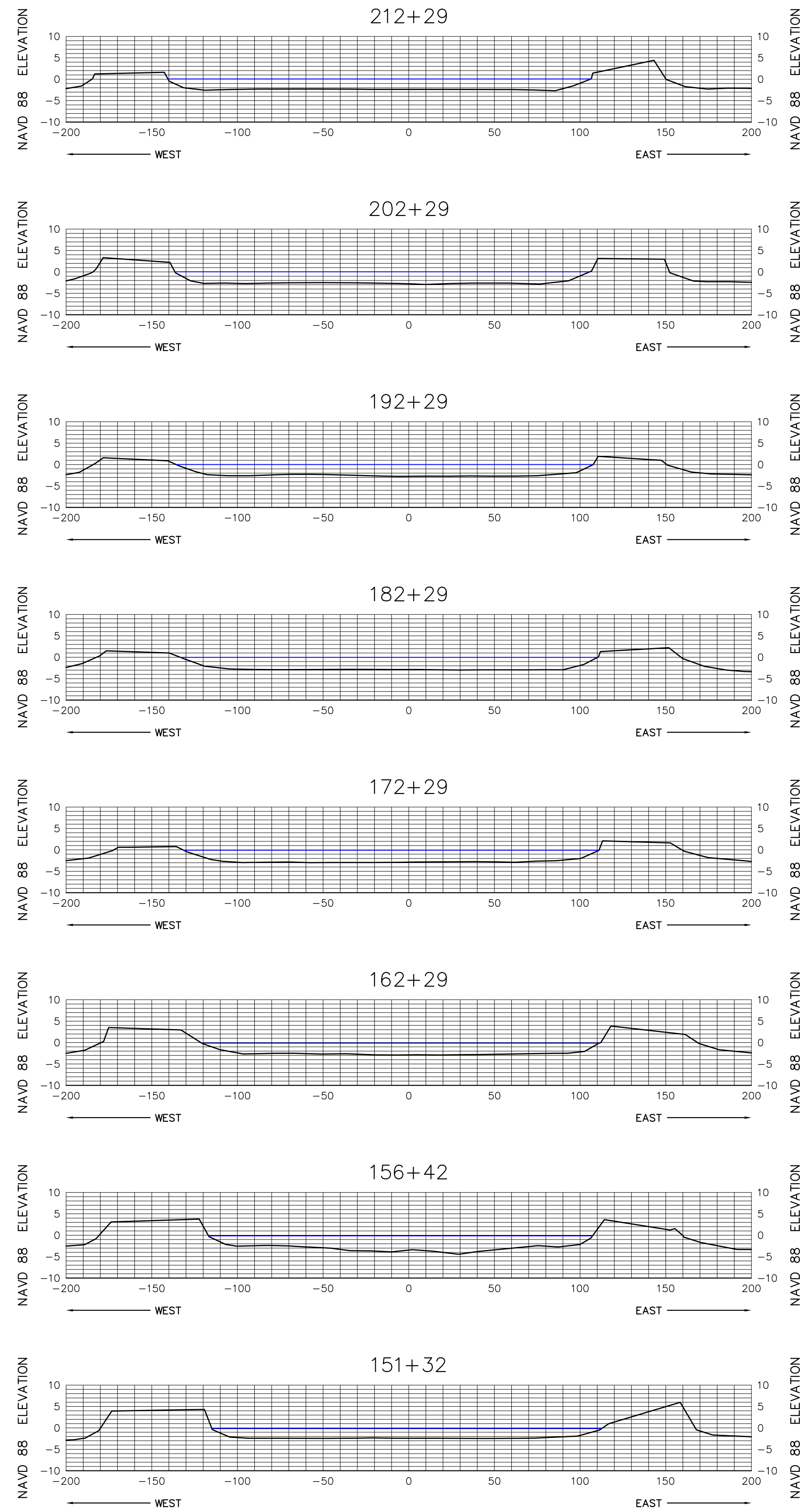
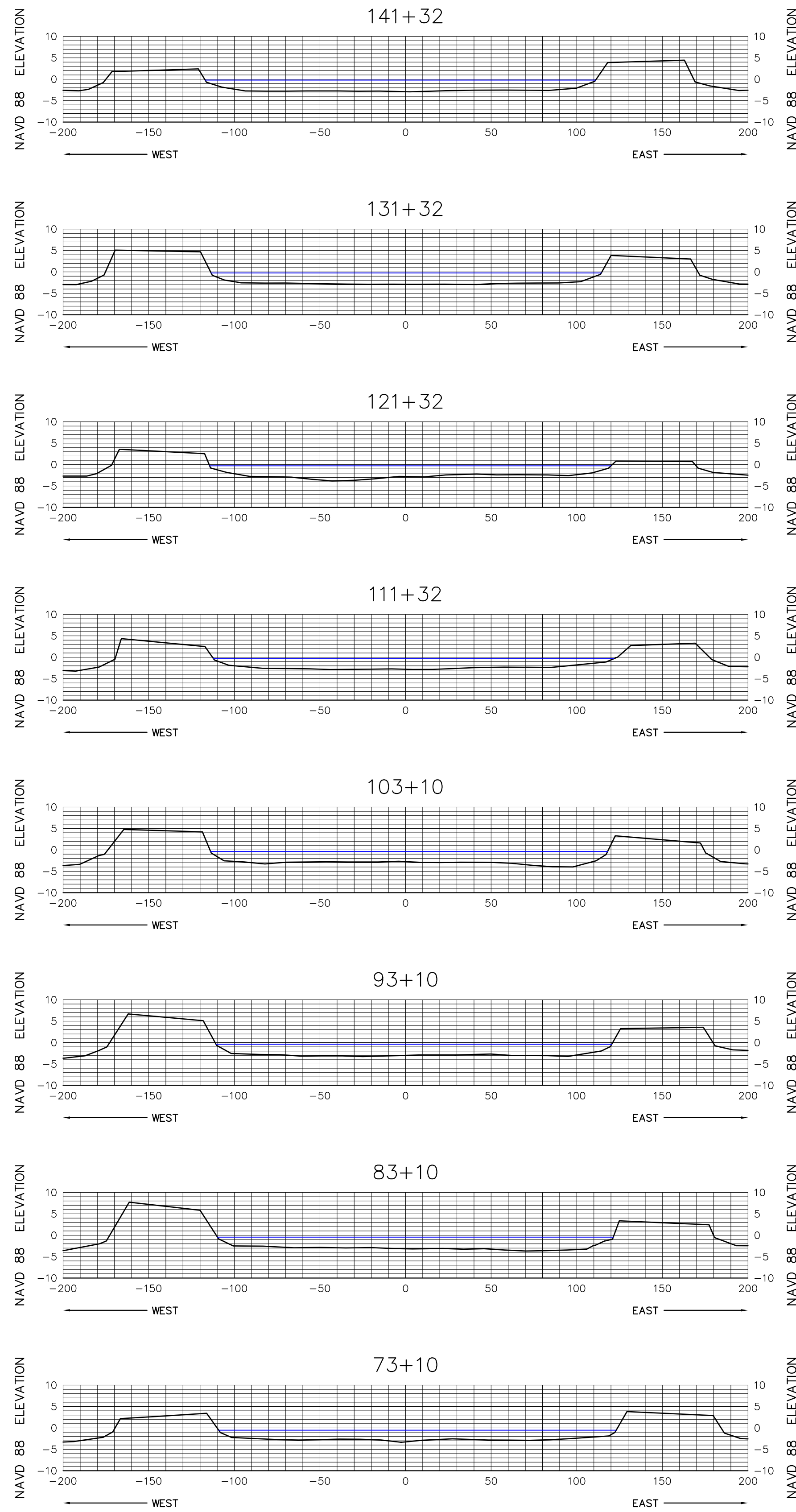
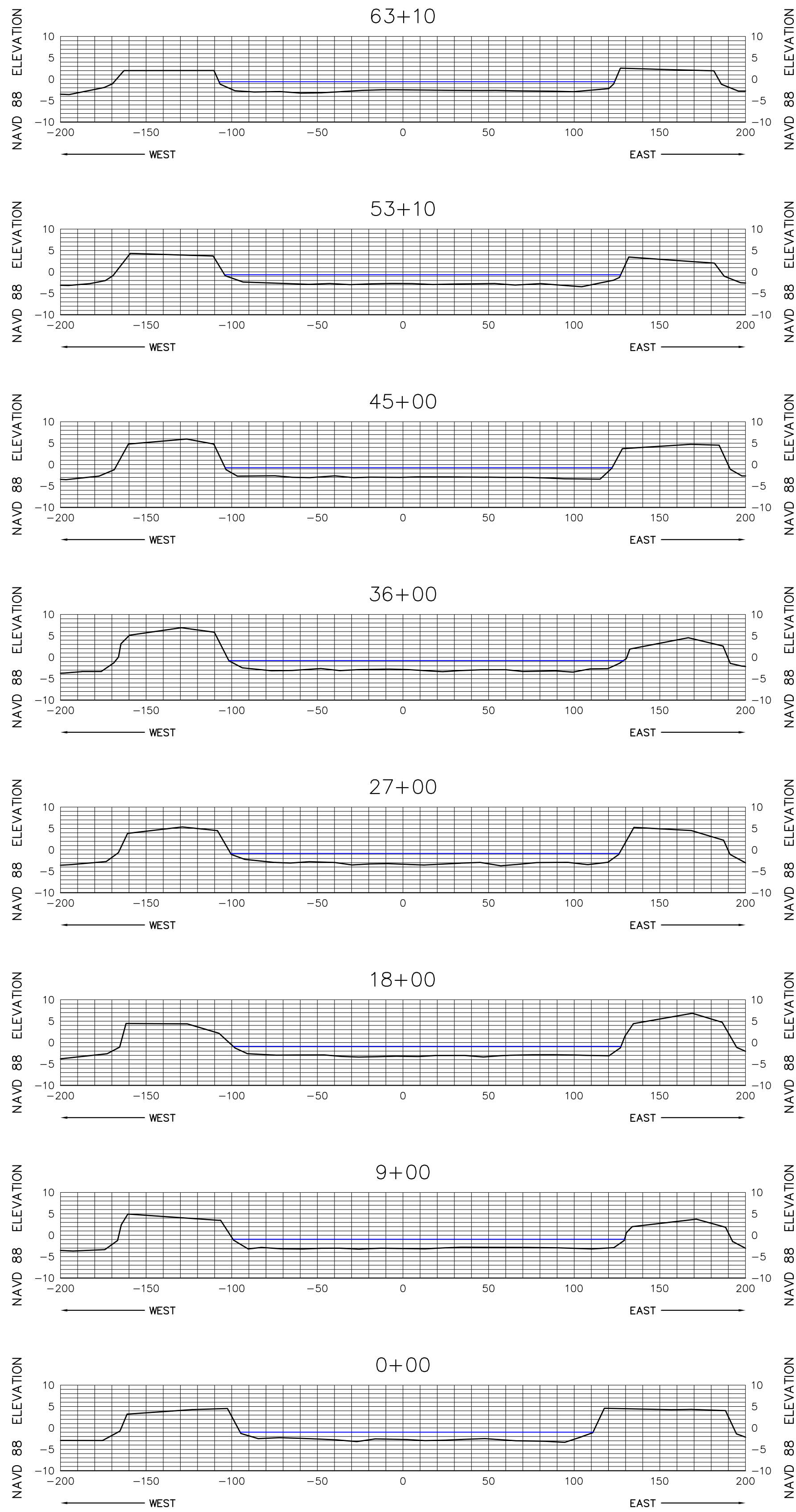


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 <b>MORGAN &amp; EKLUND, INC.</b> <b>PROFESSIONAL SURVEY CONSULTANTS</b> 8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165 1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451 LB # 4298	CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				COMMISSION NO. 5009.92	
	TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN	
	DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	DATE 6/14/10 SHEET 34 OF 78

CANAL 6W CROSS SECTION VIEW (NAVD 88)





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**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

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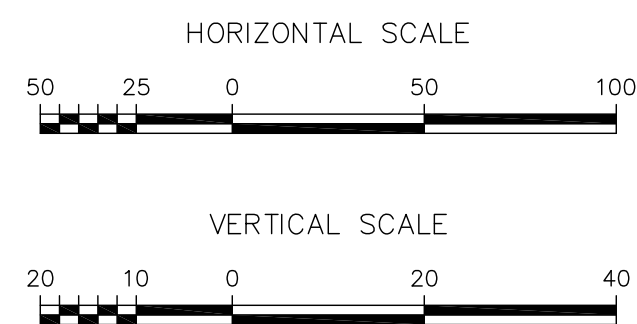
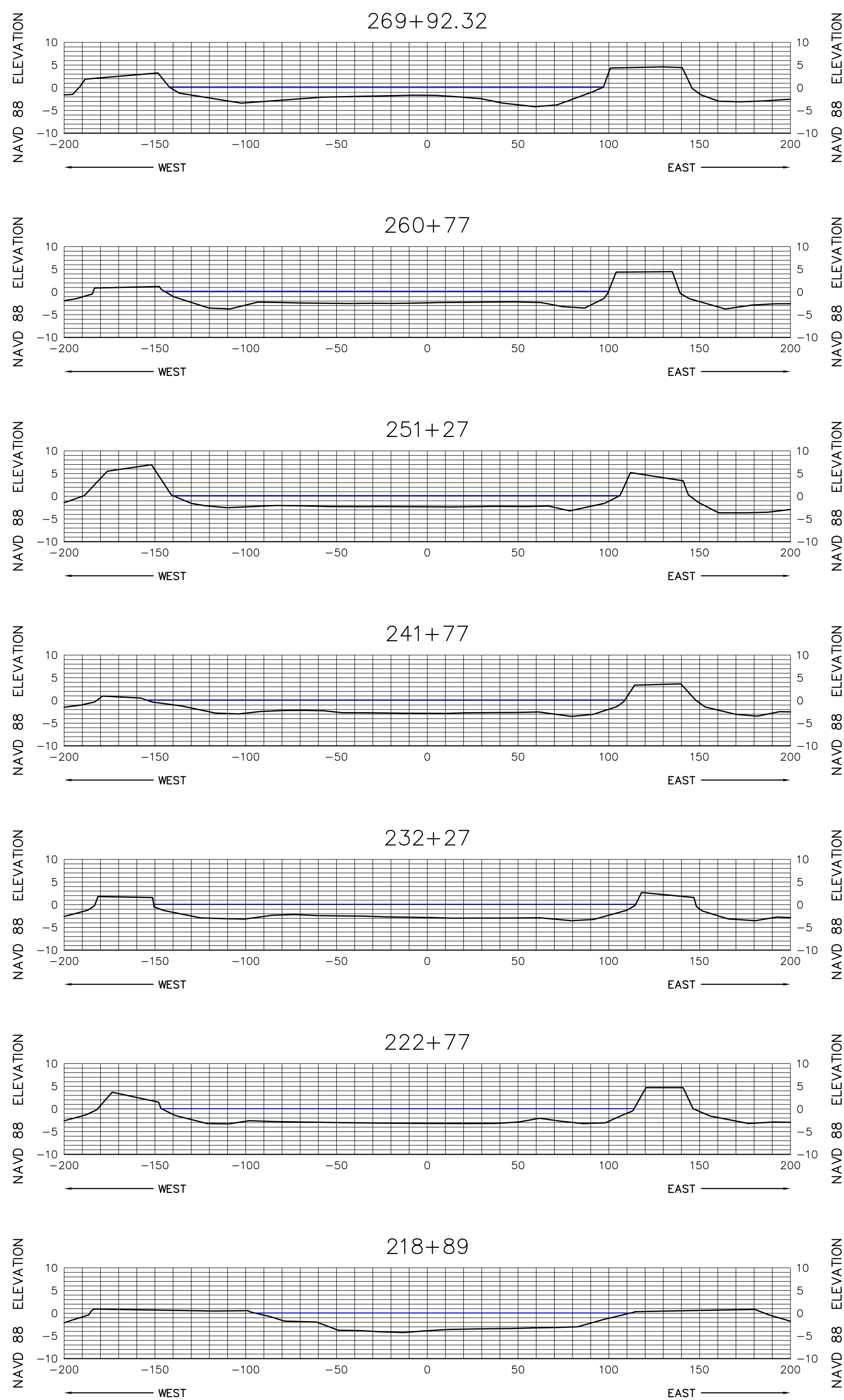
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 7W CROSS SECTION VIEW (NAVD 88)


TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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SCALE AS SHOWN					DATE 6/14/10
SHEET 35 OF 78					

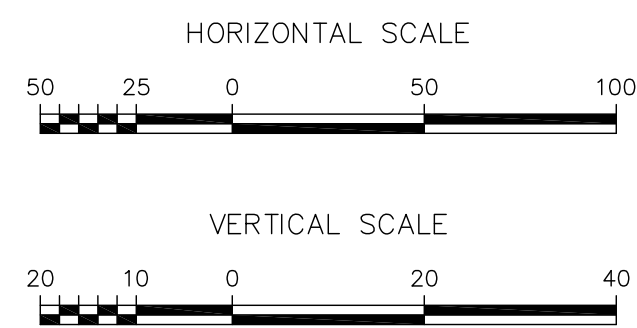
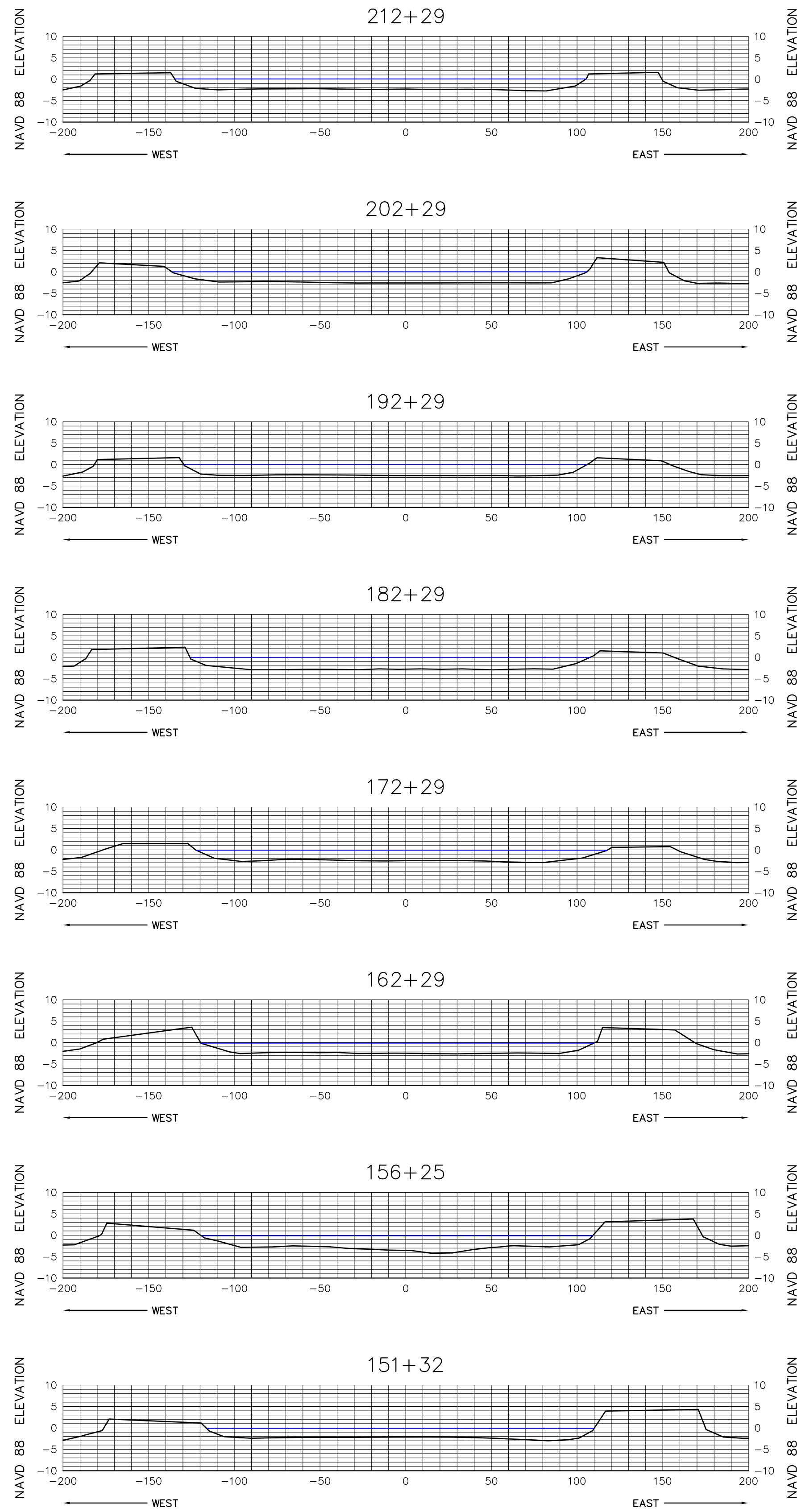
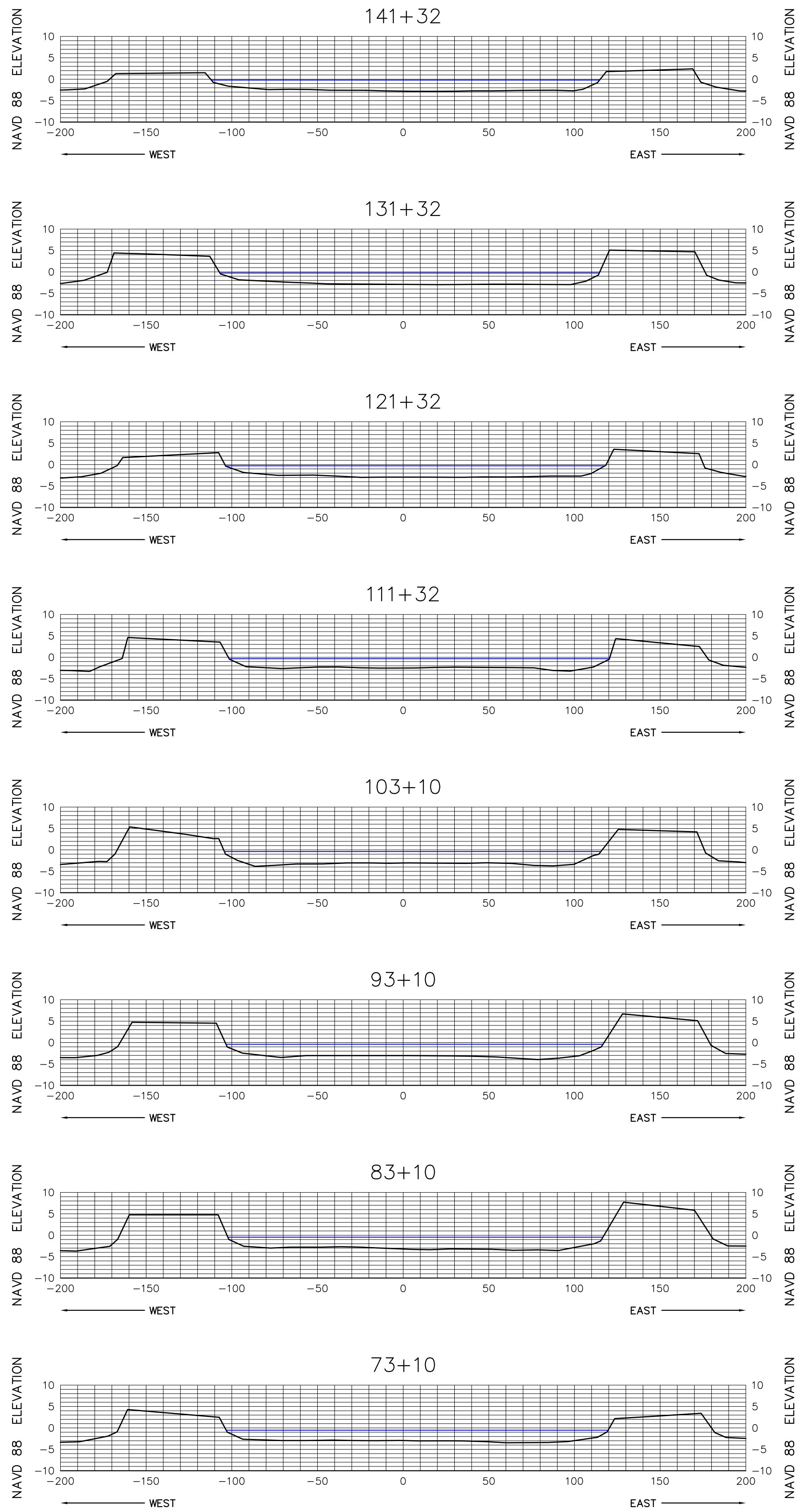
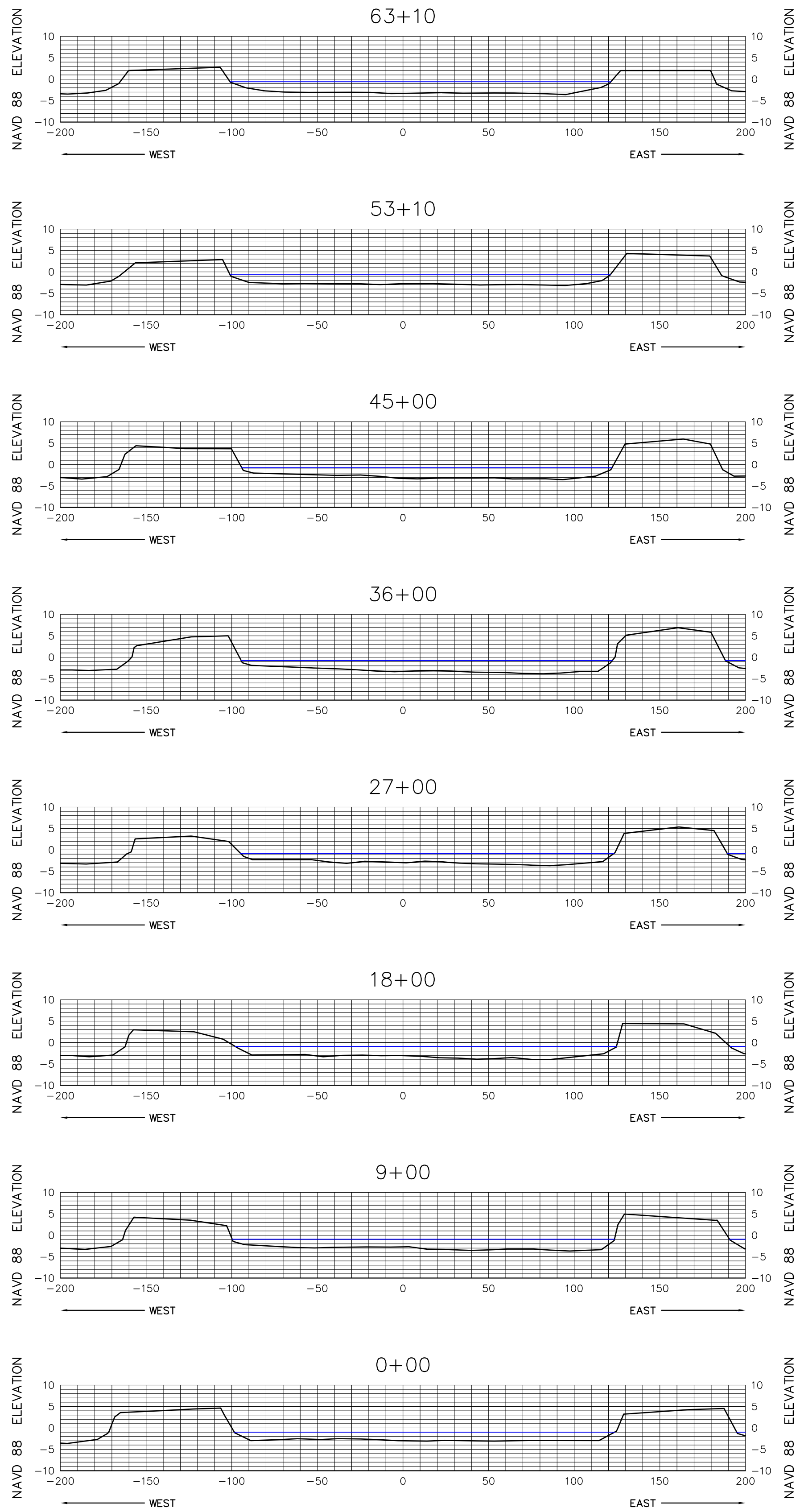





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 <div><b>MORGAN &amp; EKLUND, INC.</b> <b>PROFESSIONAL SURVEY CONSULTANTS</b> 8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165 1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451 LB # 4298</div>	<small>CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.</small>  <small>JOHN R. MORGAN, II, PLS PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA</small>				CANAL 7W CROSS SECTION VIEW (NAVD 88)		
	TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.
	COMMISSION NO. 5009.92 SCALE AS SHOWN DATE 6/14/10				SEE COVER	DATE OF SURVEY 6/2/10	SHEET 36 OF 78





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**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 8W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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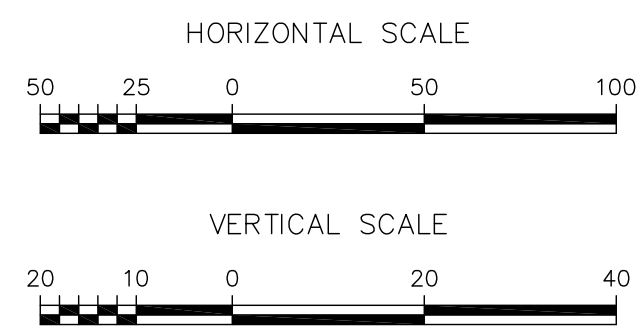
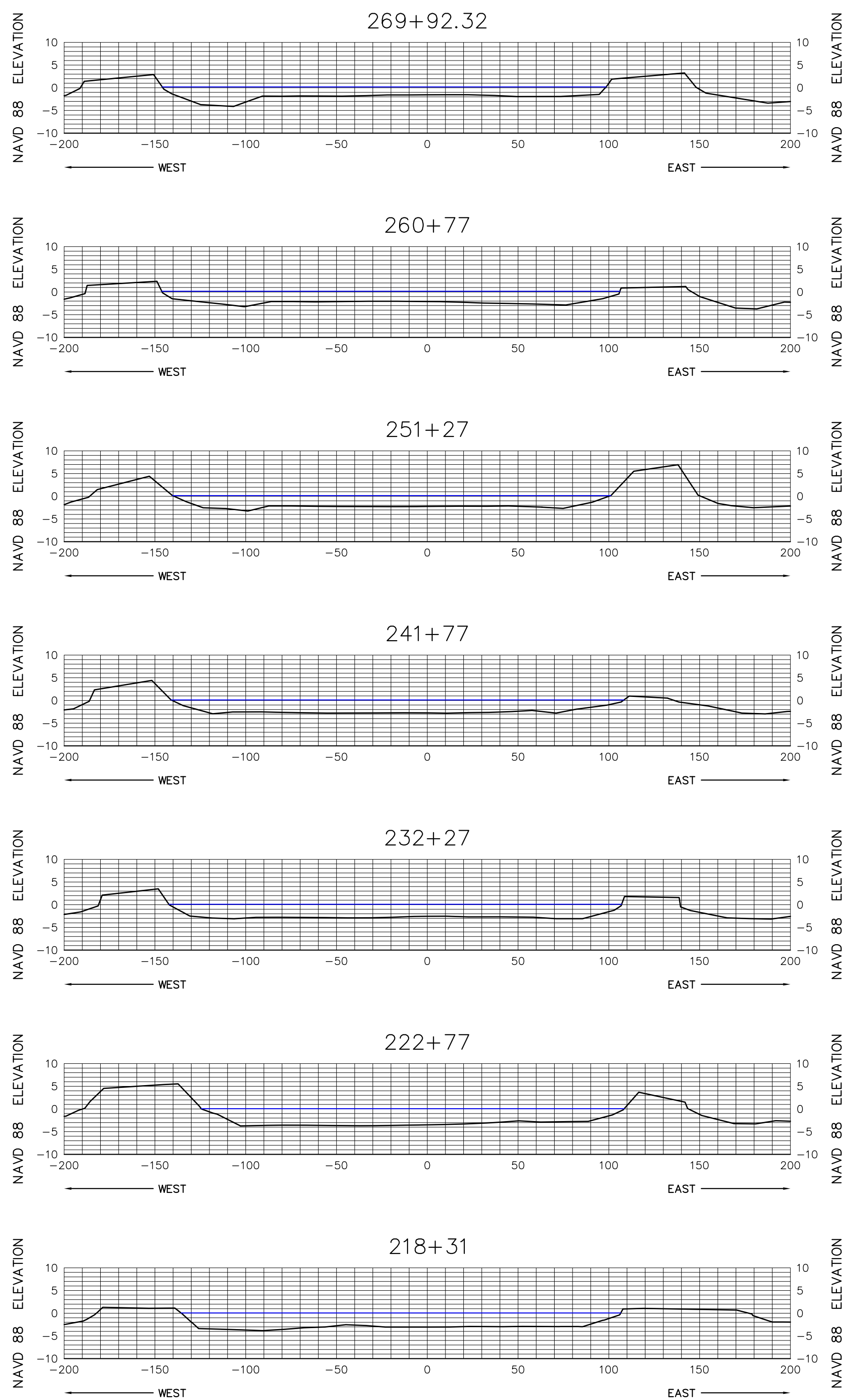
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SCALE  
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DATE  
6/14/10

SHEET 37 OF 78





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**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 8W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT**

COMMISSION NO.  
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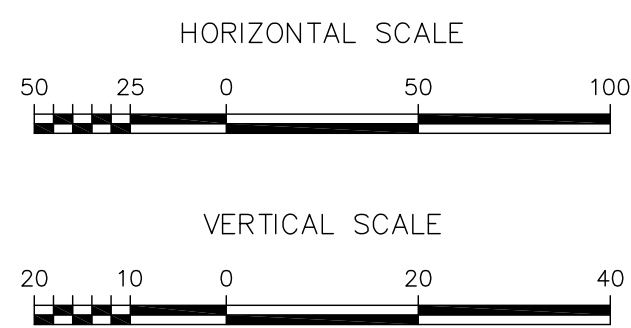
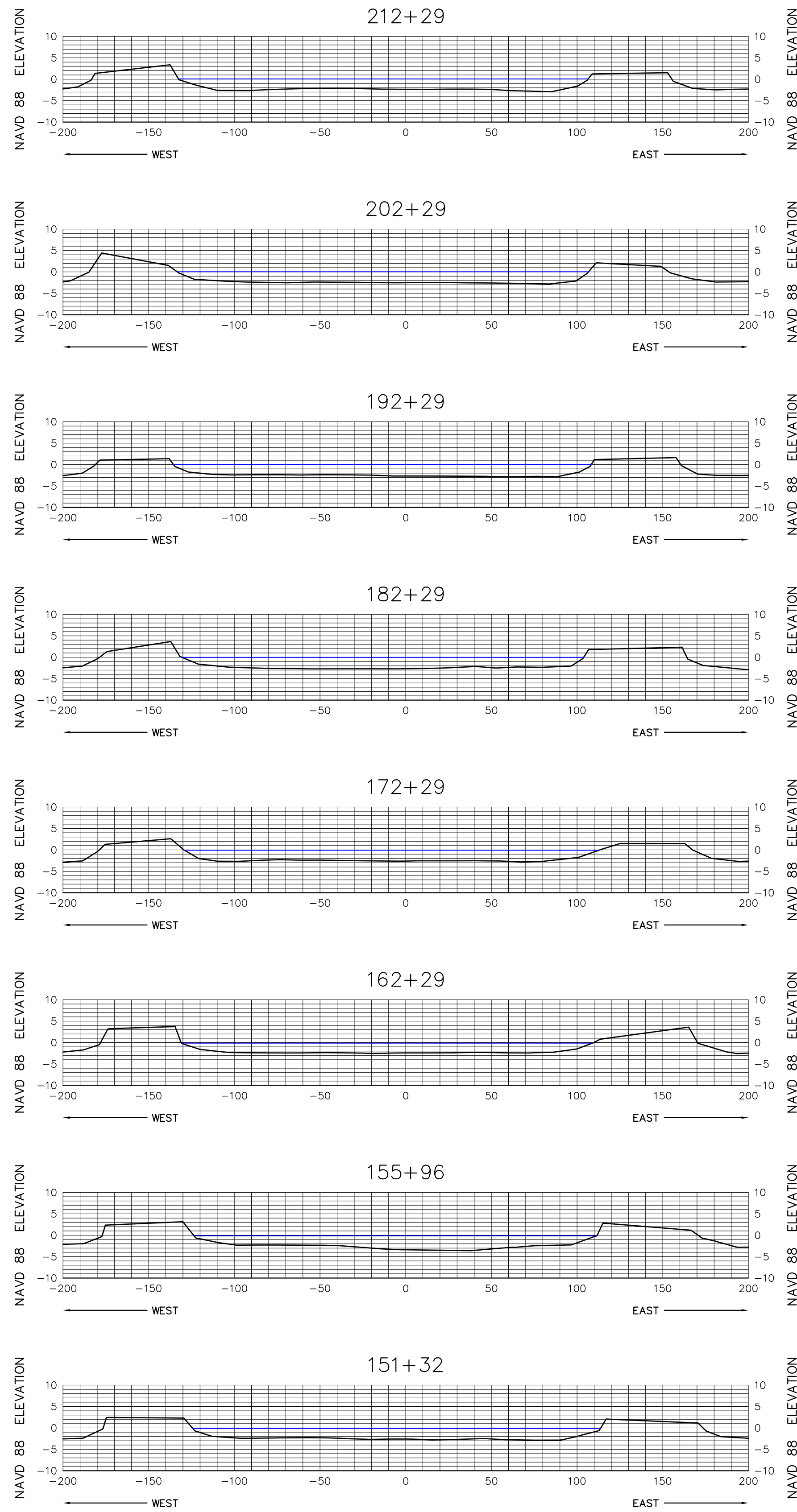
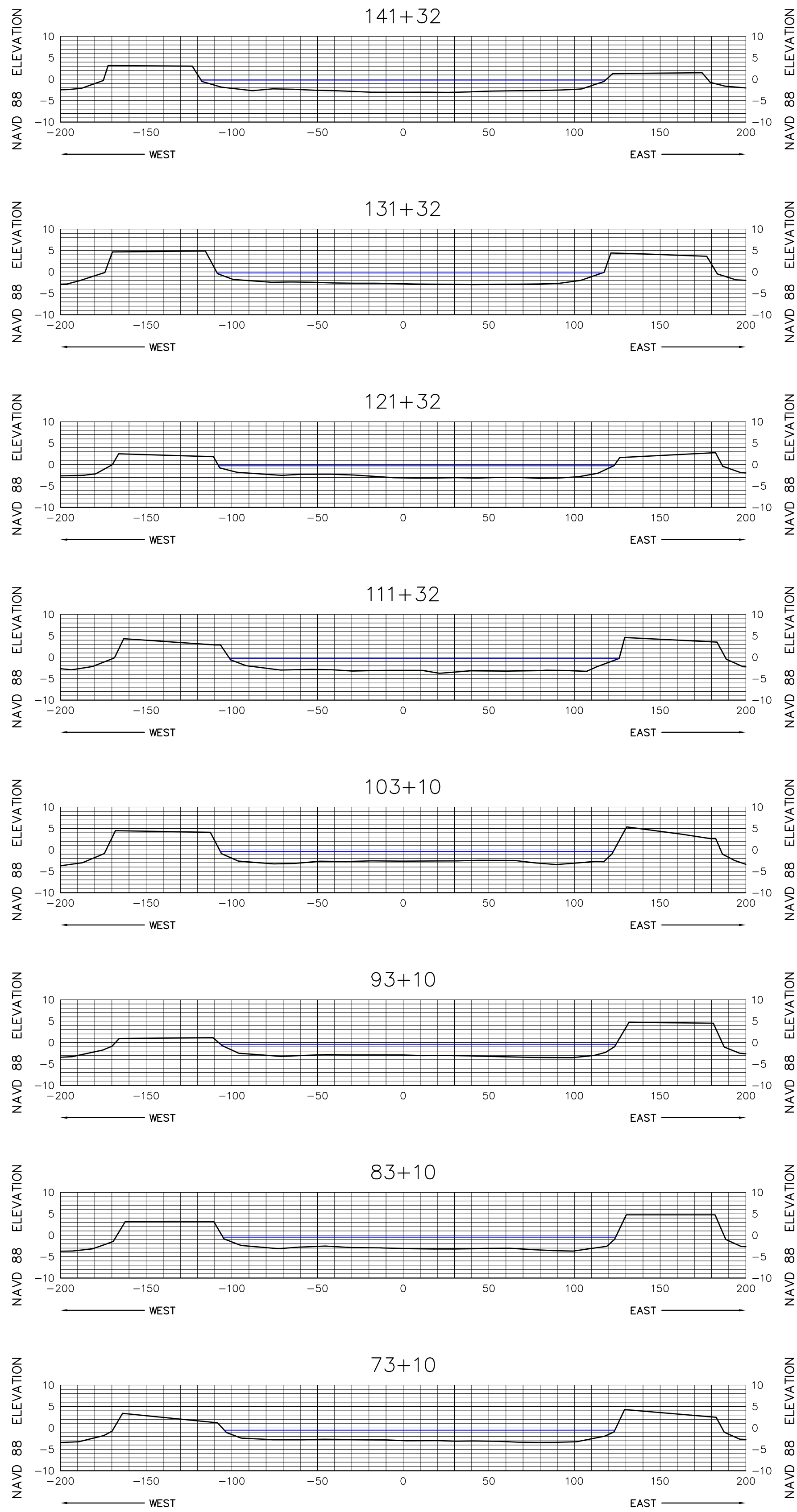
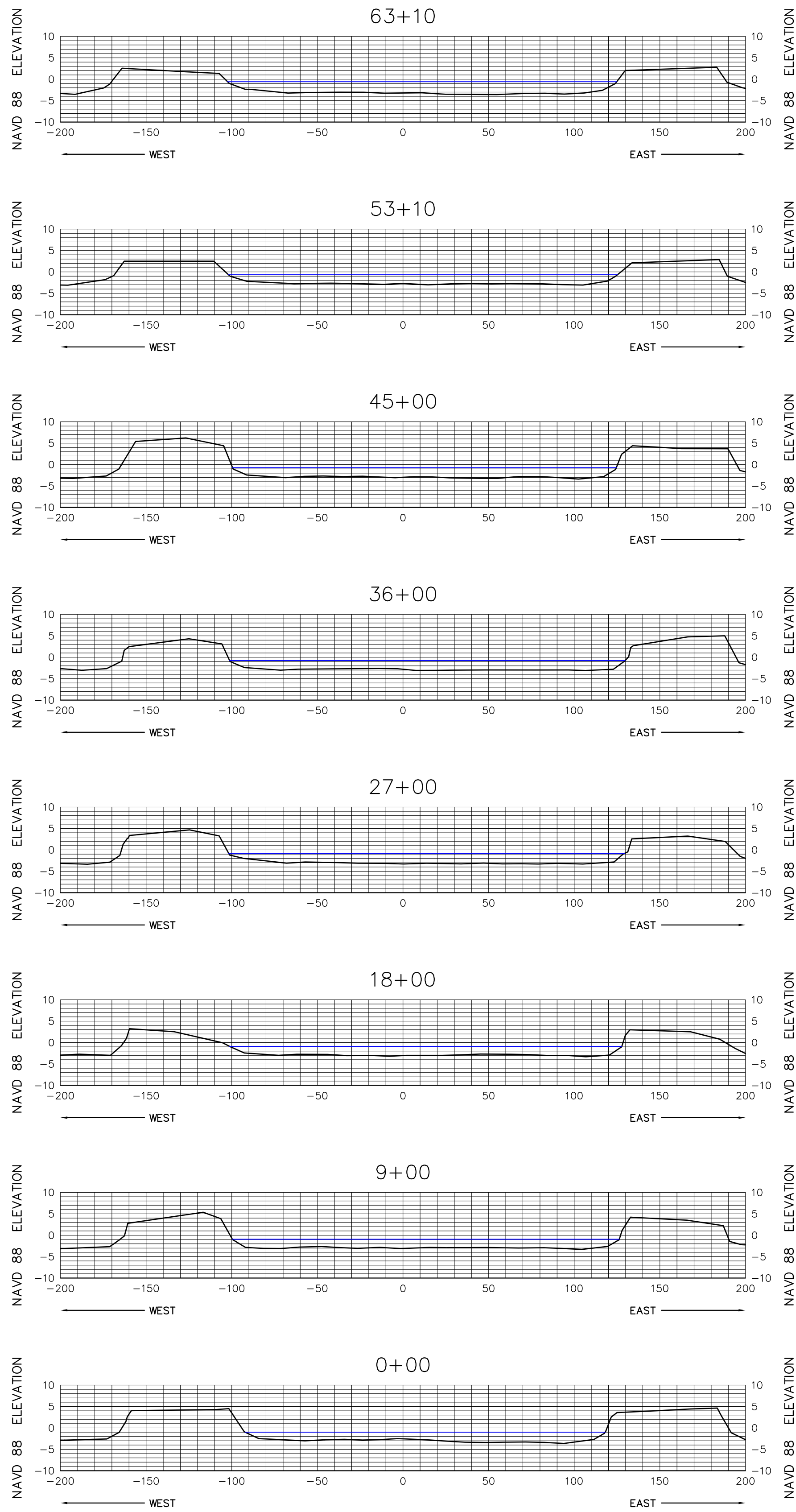
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6/2/10

SHEET 38 OF 78





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**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

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LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

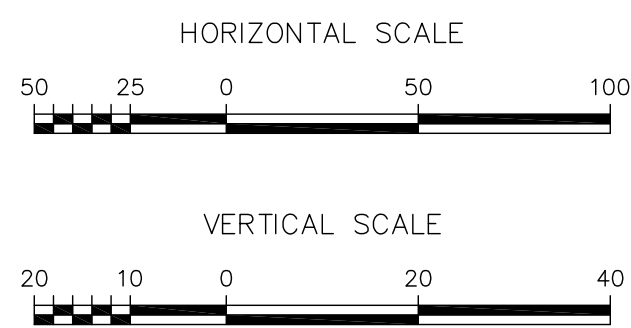
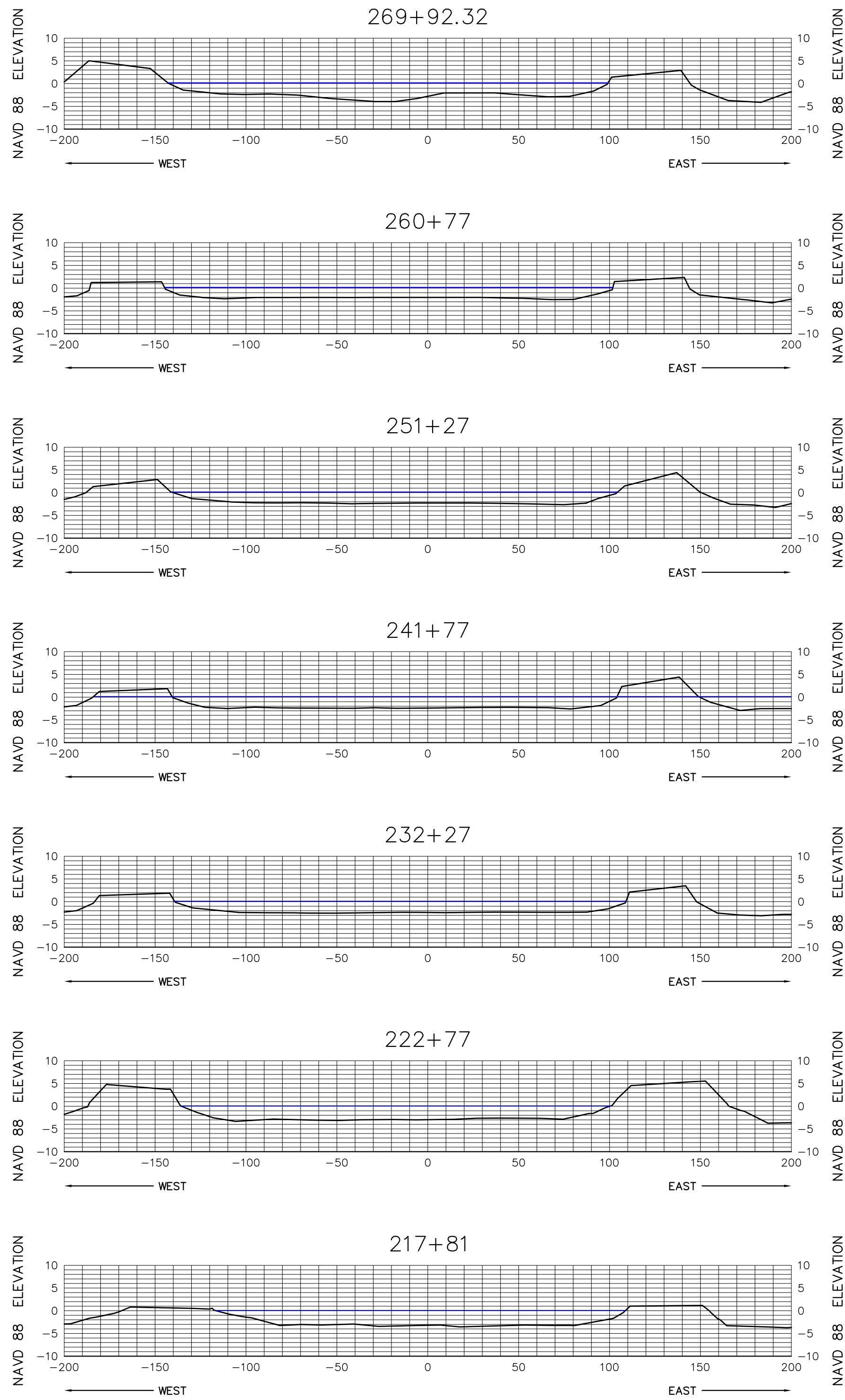
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 9W CROSS SECTION VIEW (NAV 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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					SCALE AS SHOWN
					DATE 6/14/10
					SHEET 39 OF 78





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**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
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FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 9W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
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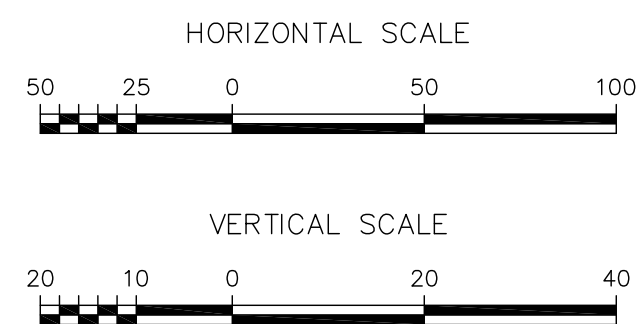
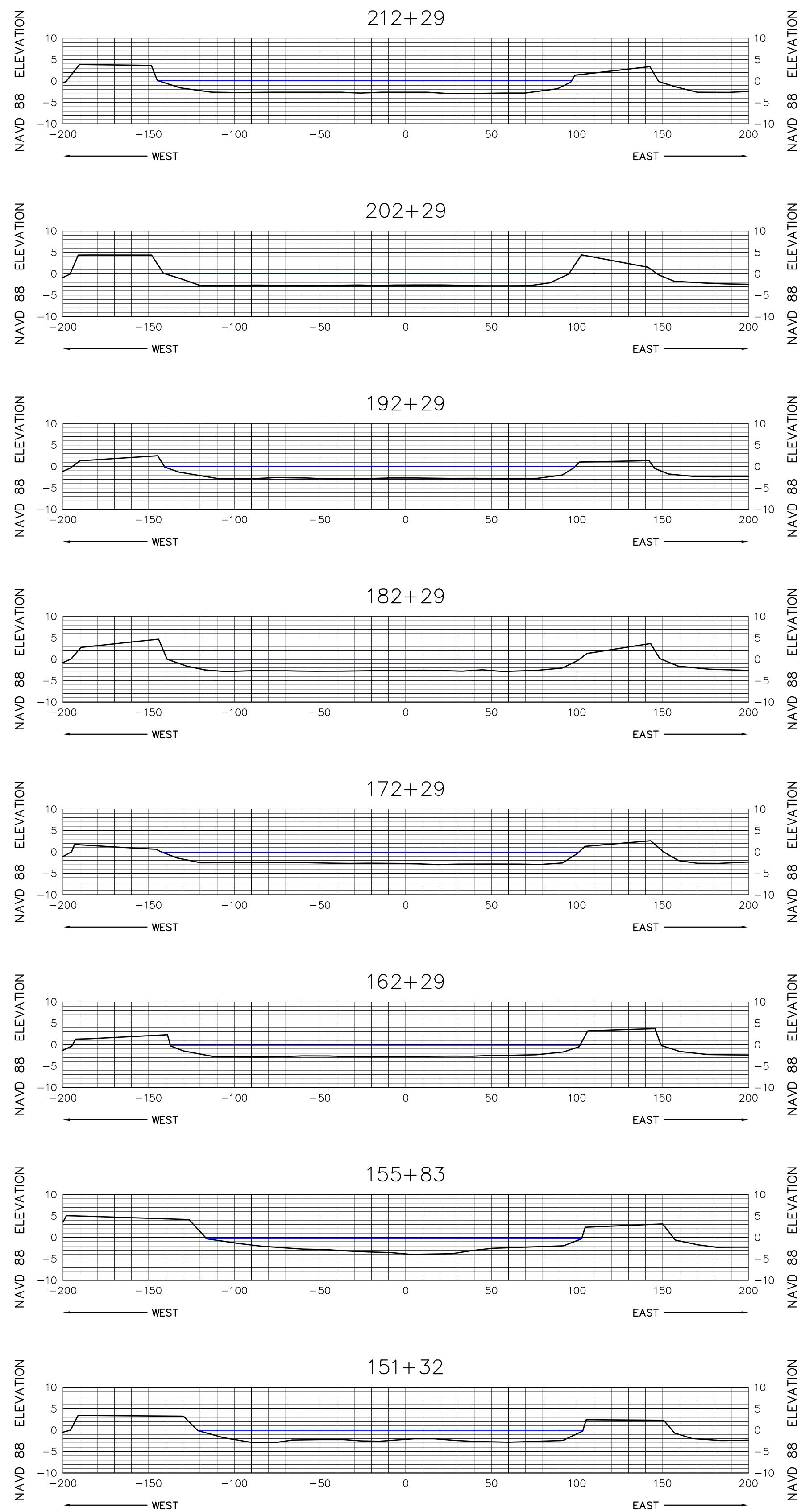
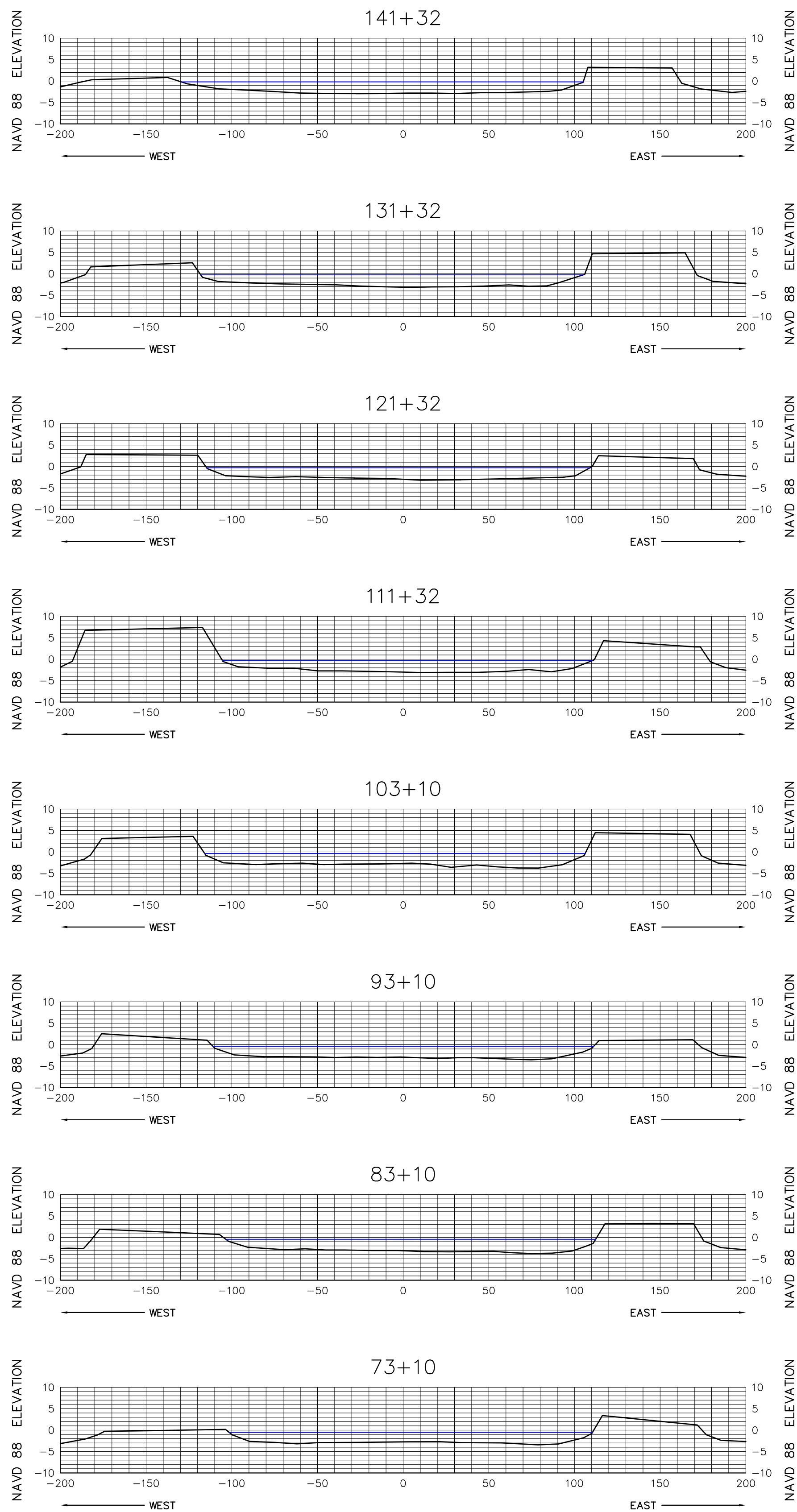
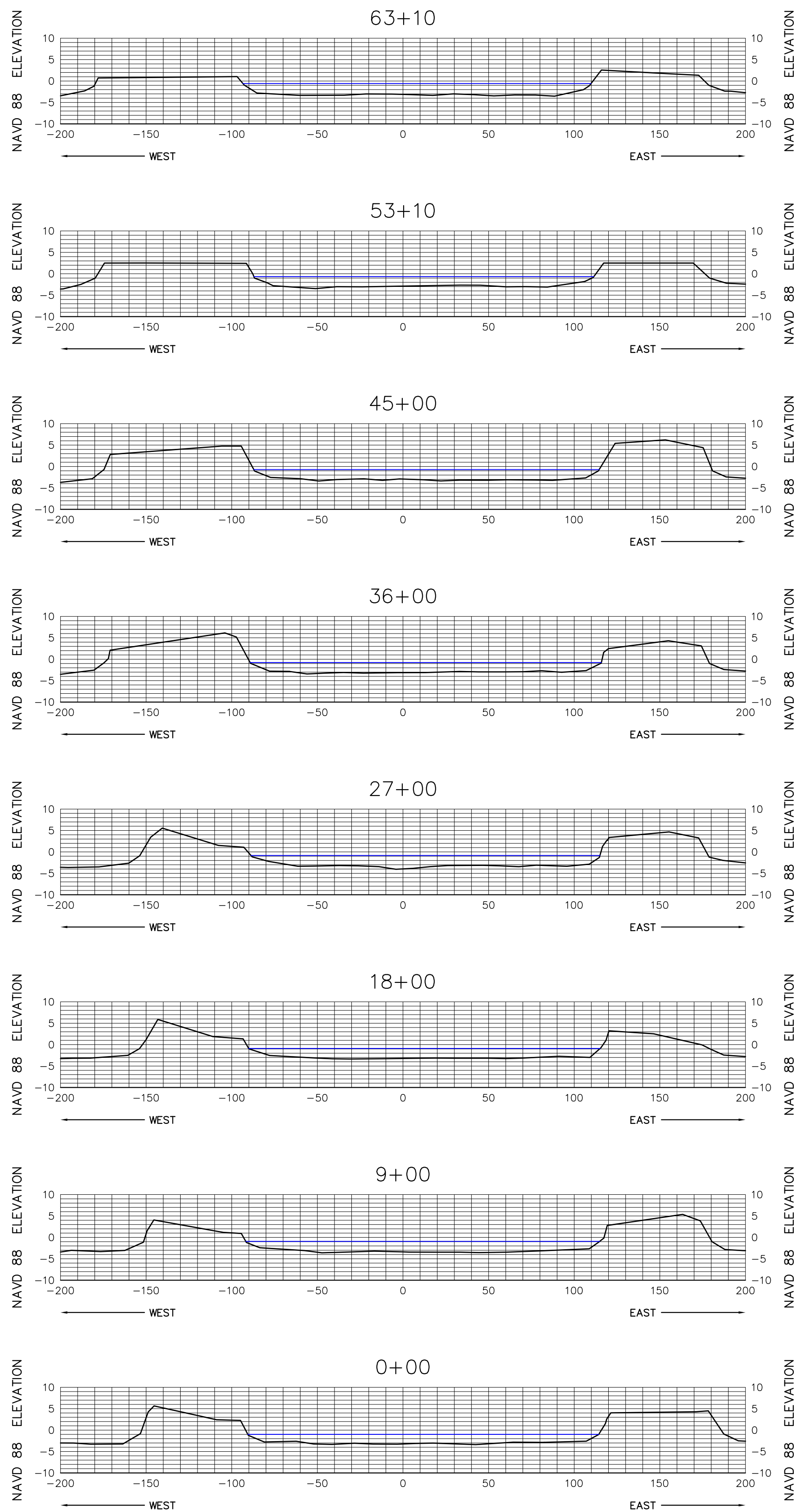
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JRM

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6/2/10

SHEET 40 OF 78





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**MORGAN & EKLUND, INC.**

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STATE OF FLORIDA

CANAL 10W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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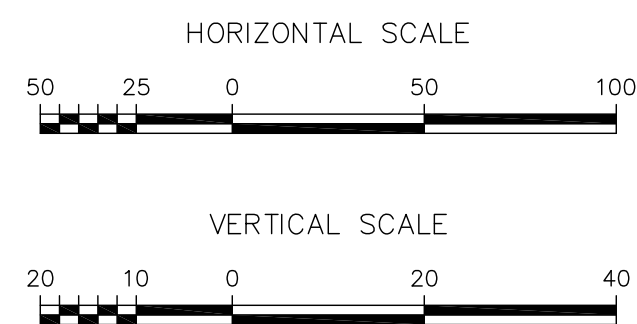
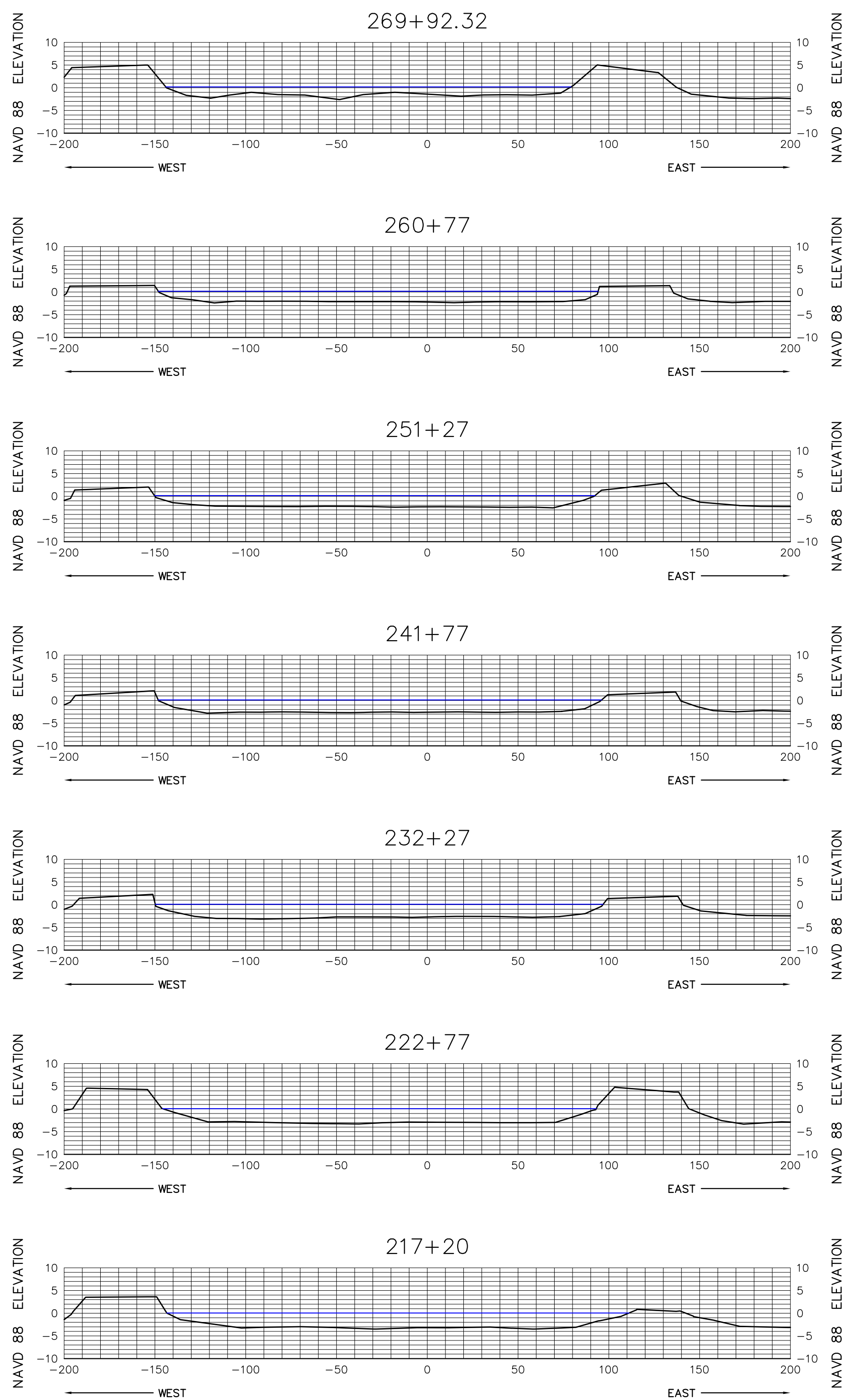
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DATE  
6/14/10

SHEET 41 OF 78





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PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 10W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT**

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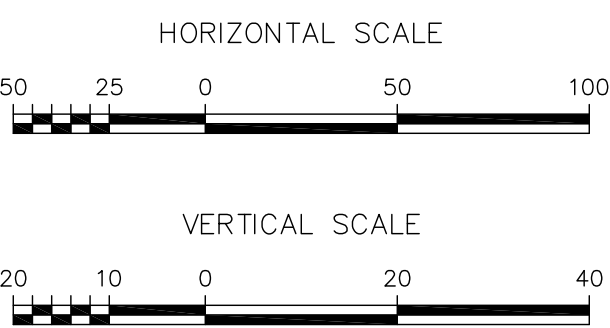
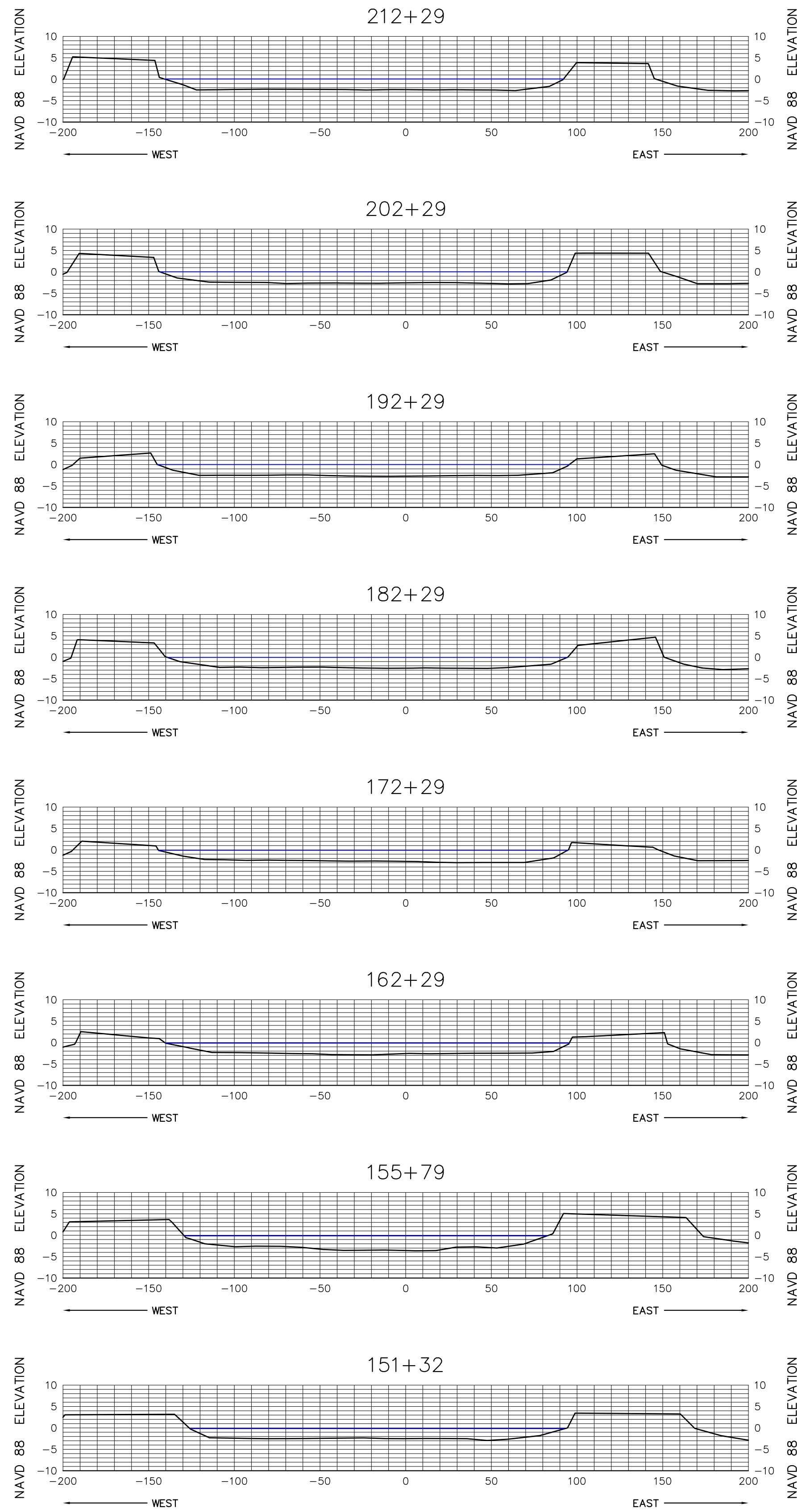
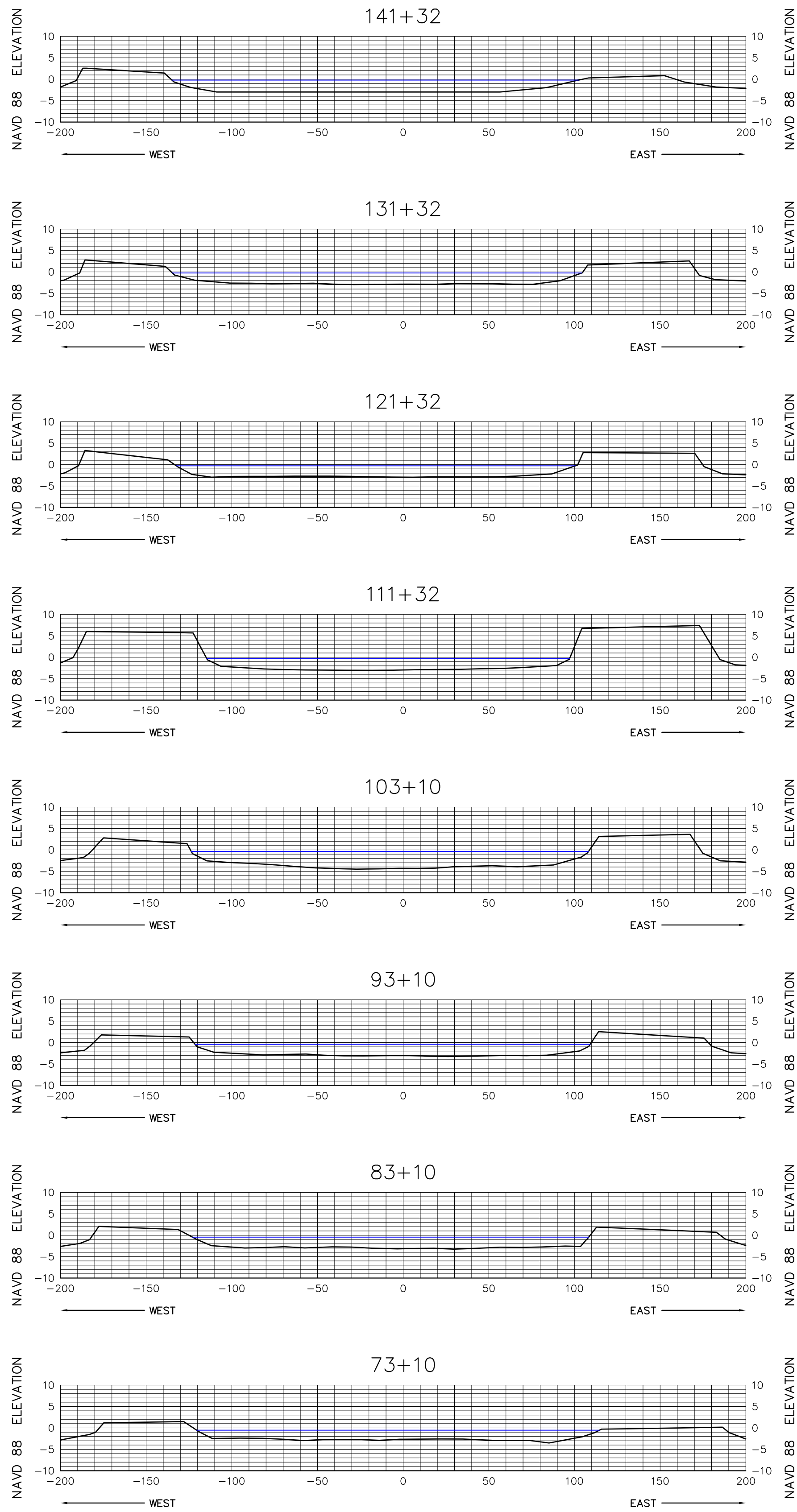
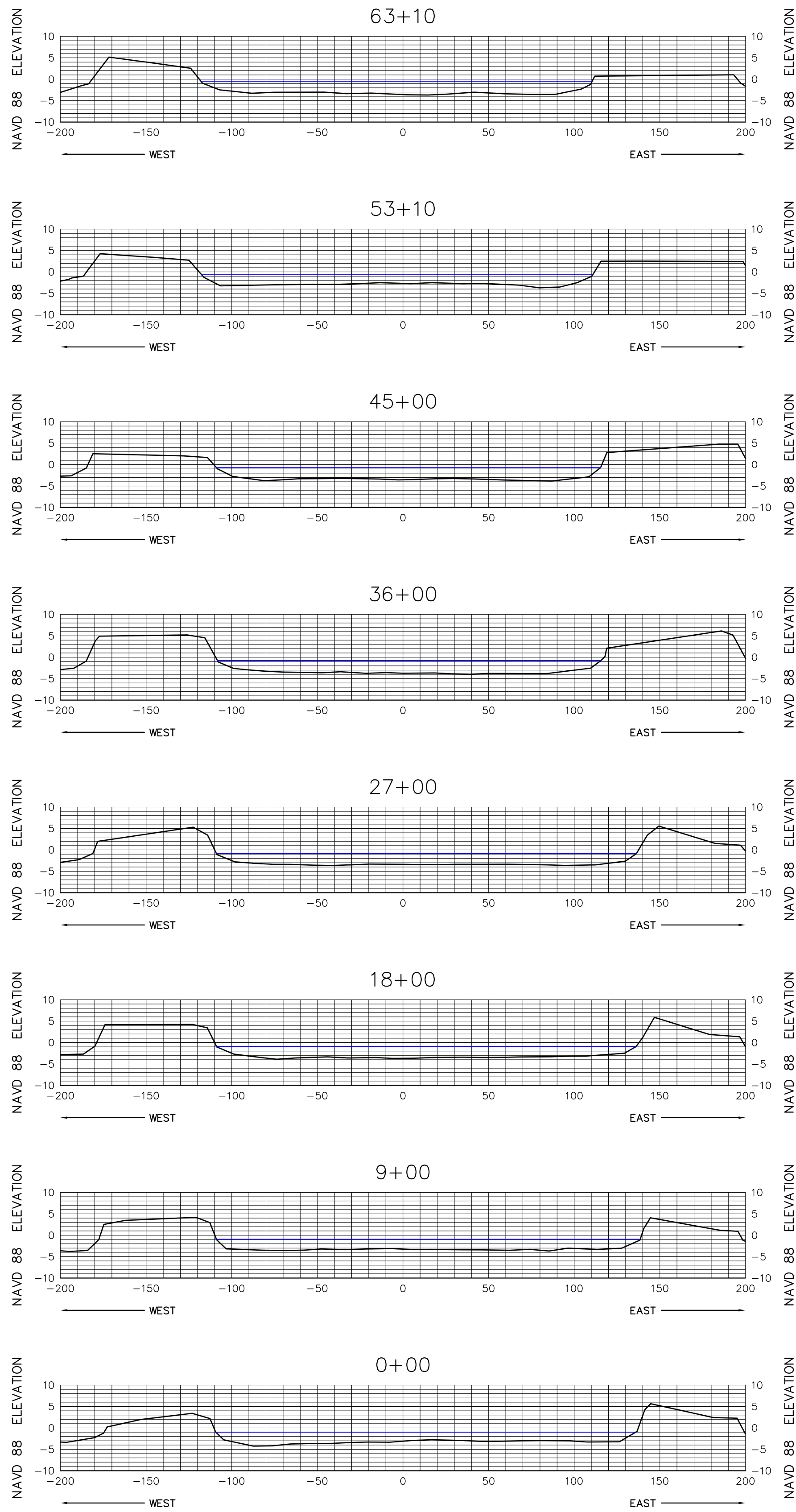
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6/2/10

SHEET 42 OF 78





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PROFESSIONAL SURVEY CONSULTANTS

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JOHN R. MORGAN, II, PLS  
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STATE OF FLORIDA

CANAL 11W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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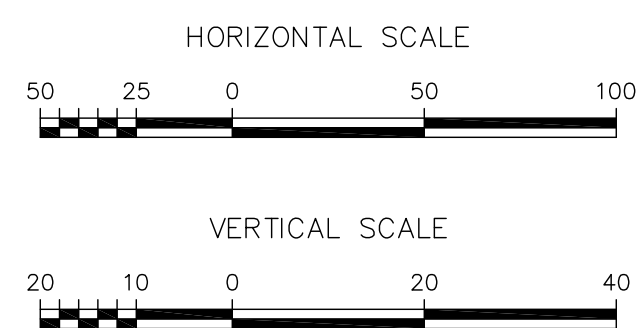
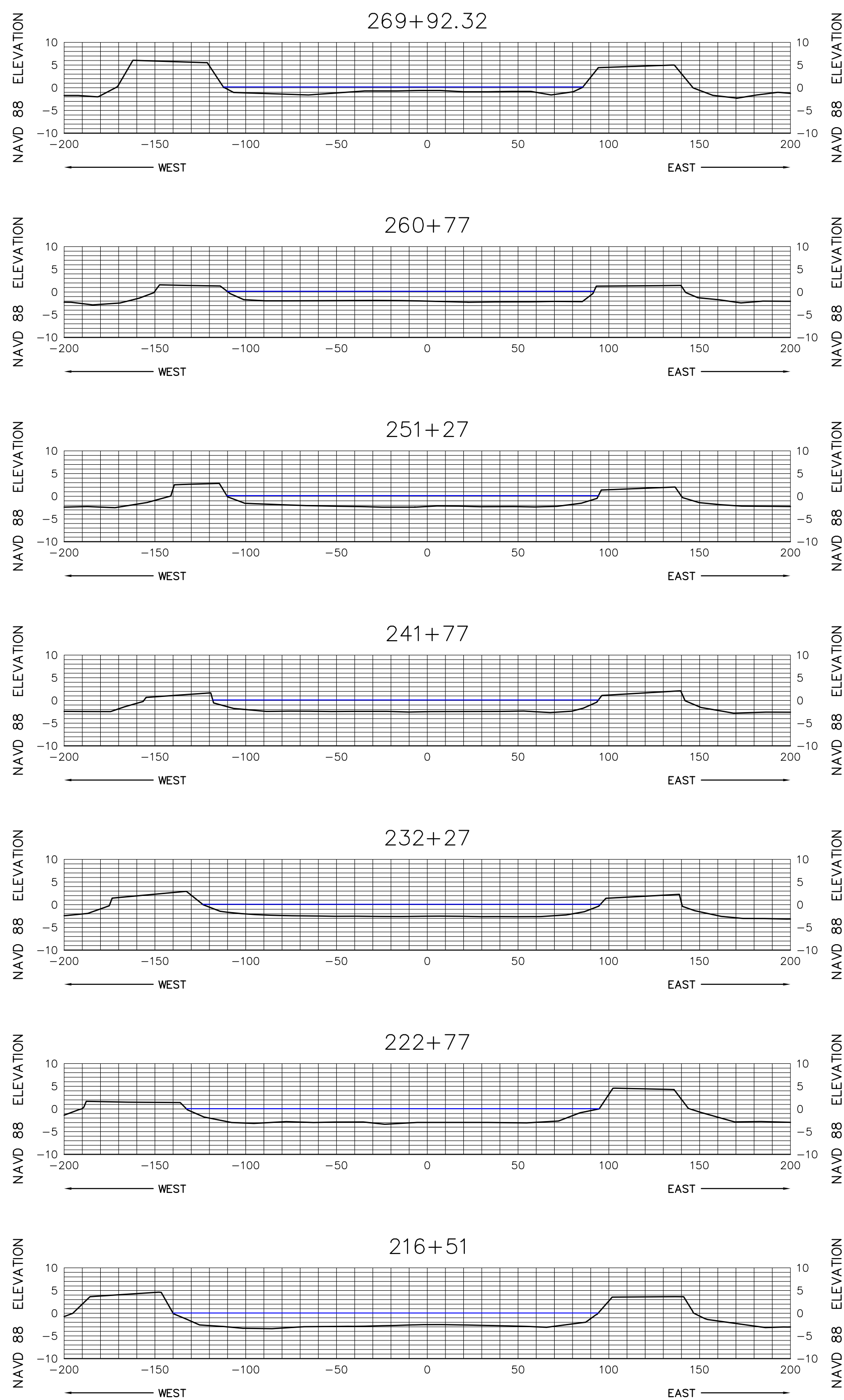
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SHEET 43 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 11W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT**

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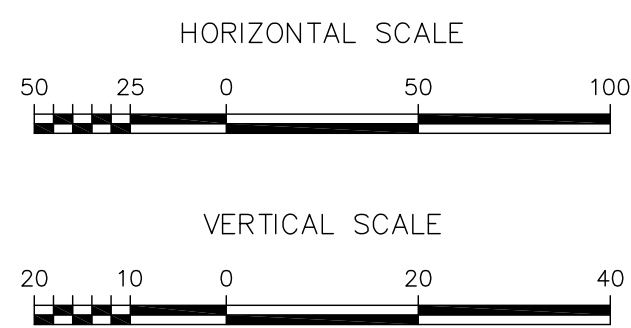
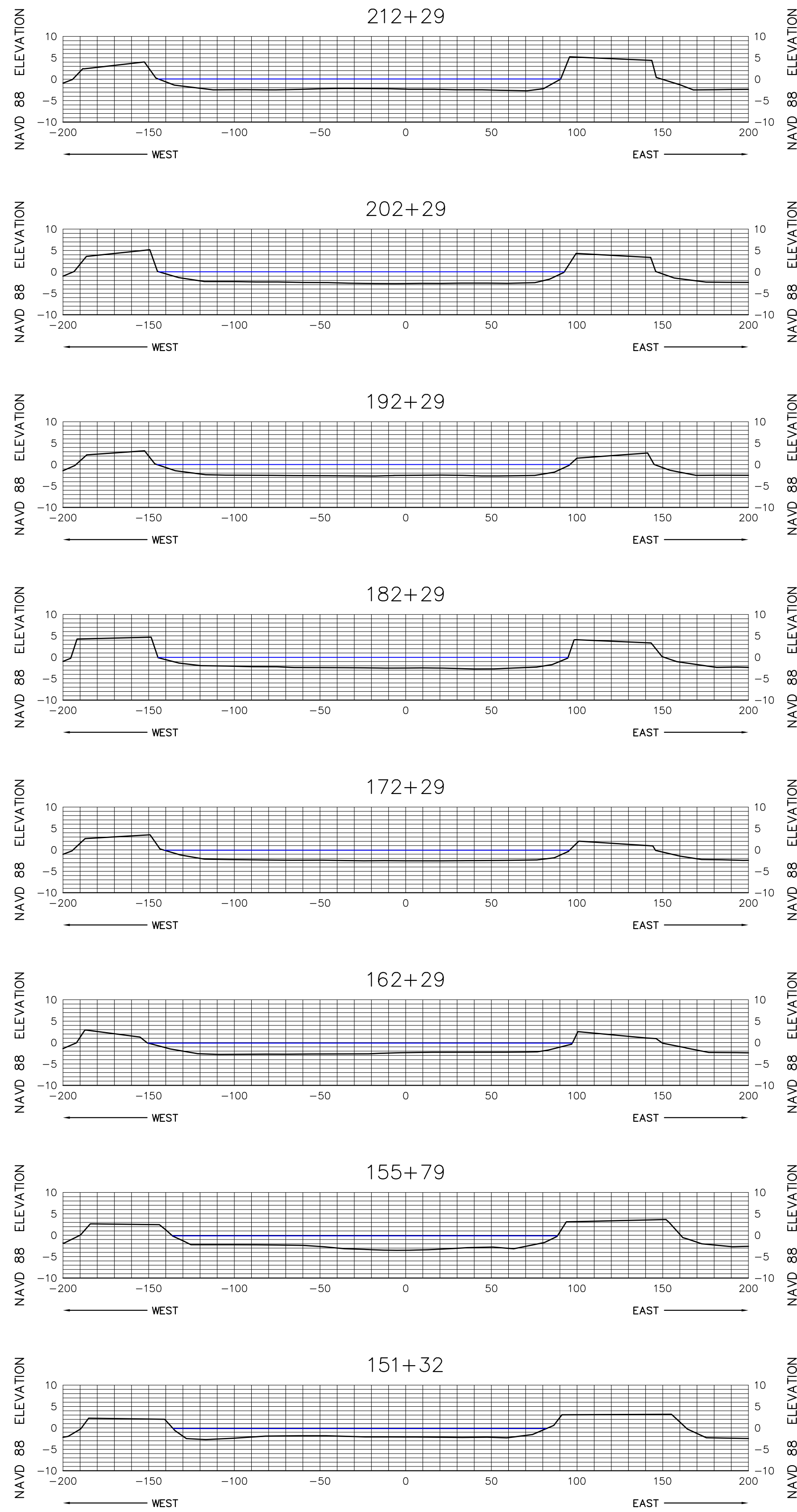
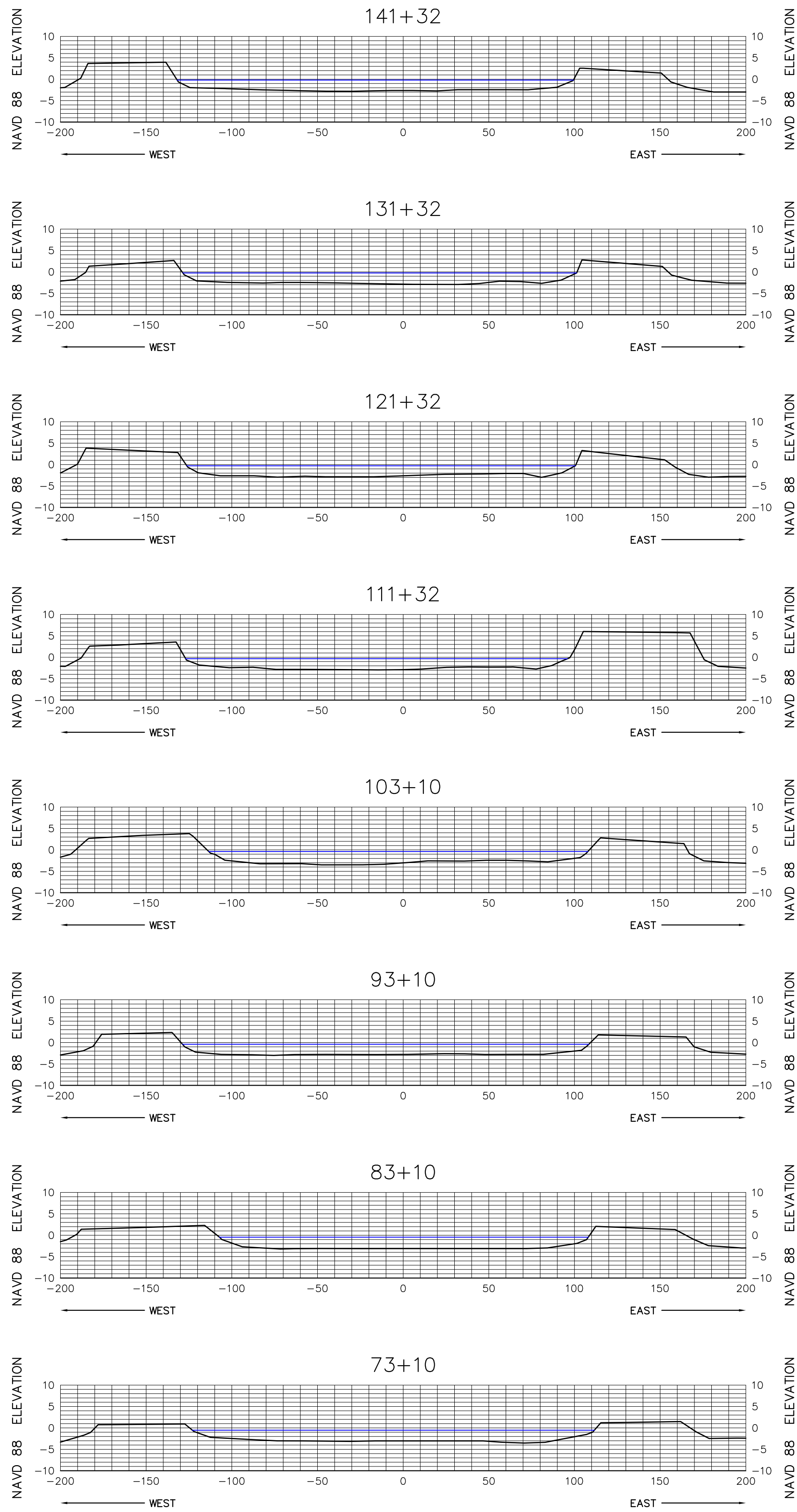
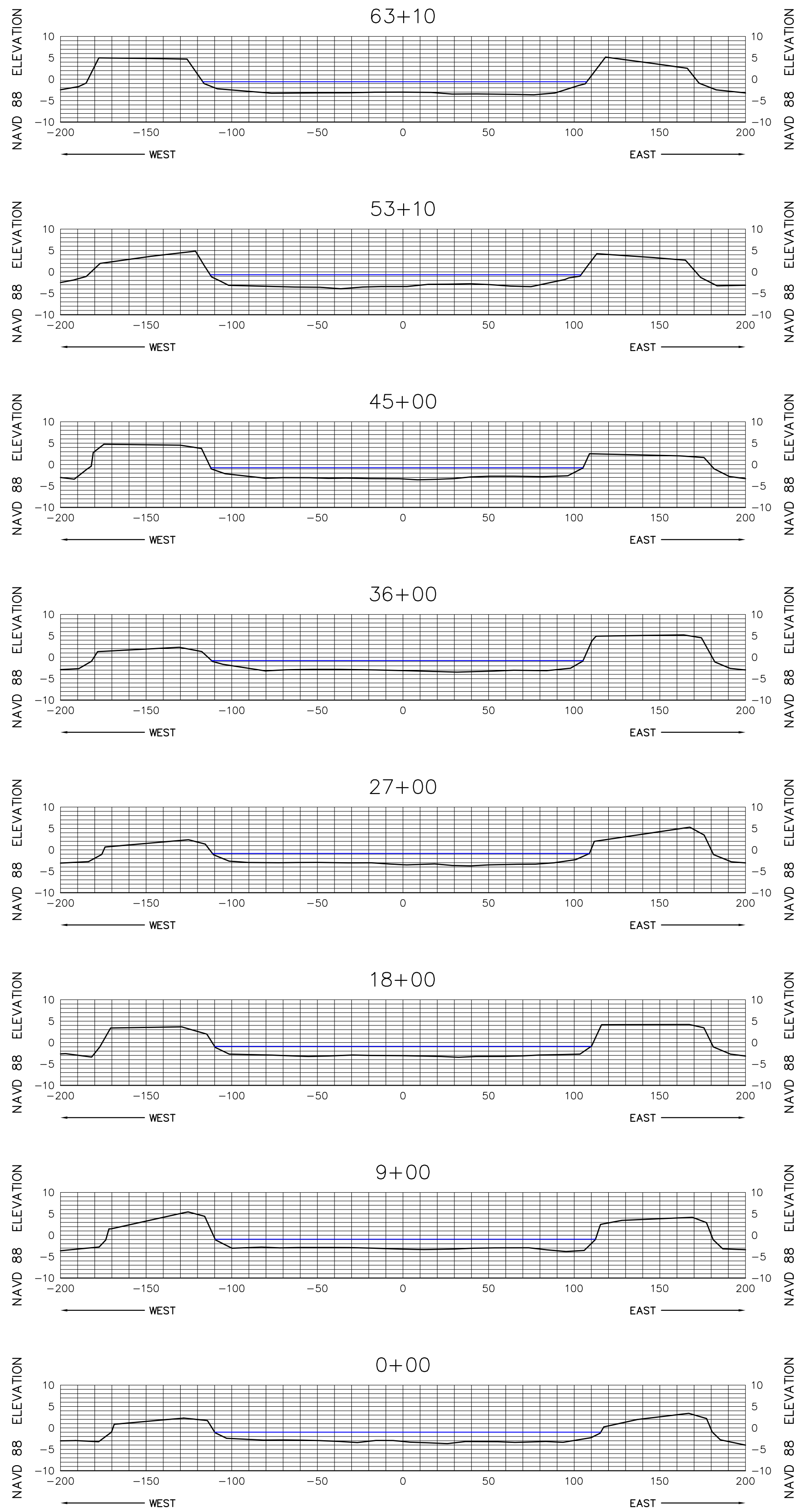
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DATE OF SURVEY  
6/2/10

SHEET 44 OF 78





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**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 12W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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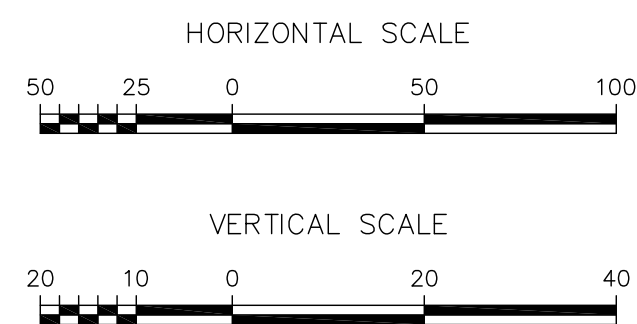
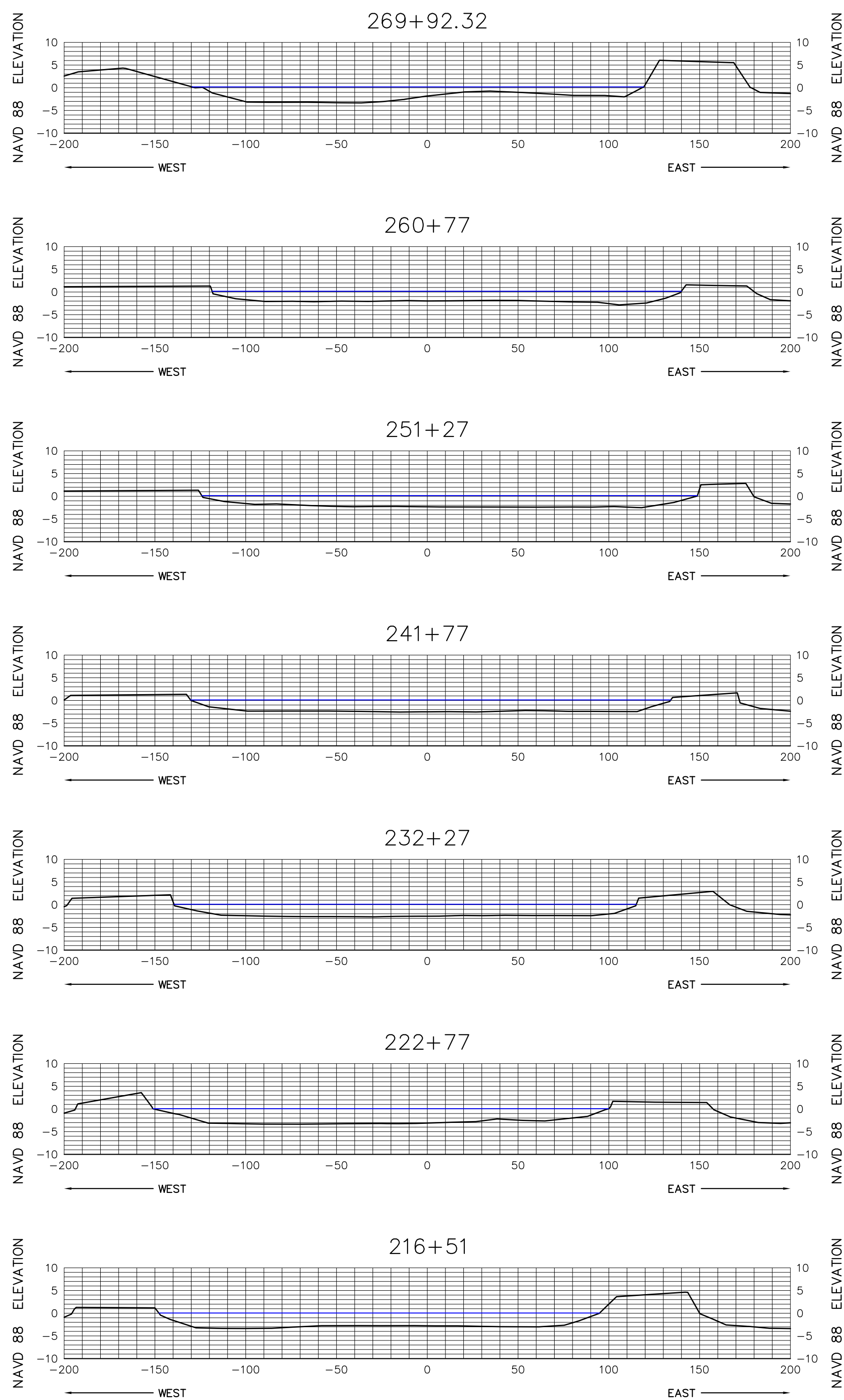
COMMISSION NO.  
5009.92

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AS SHOWN

DATE  
6/14/10

SHEET 45 OF 78





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**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 12W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
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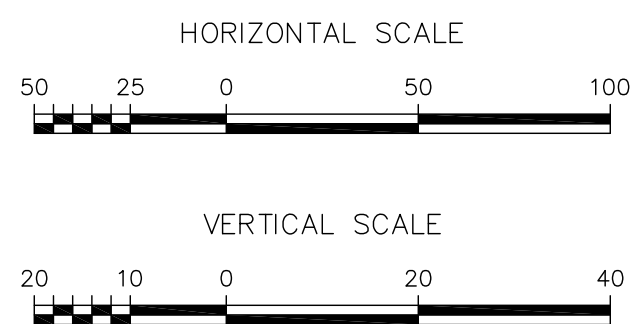
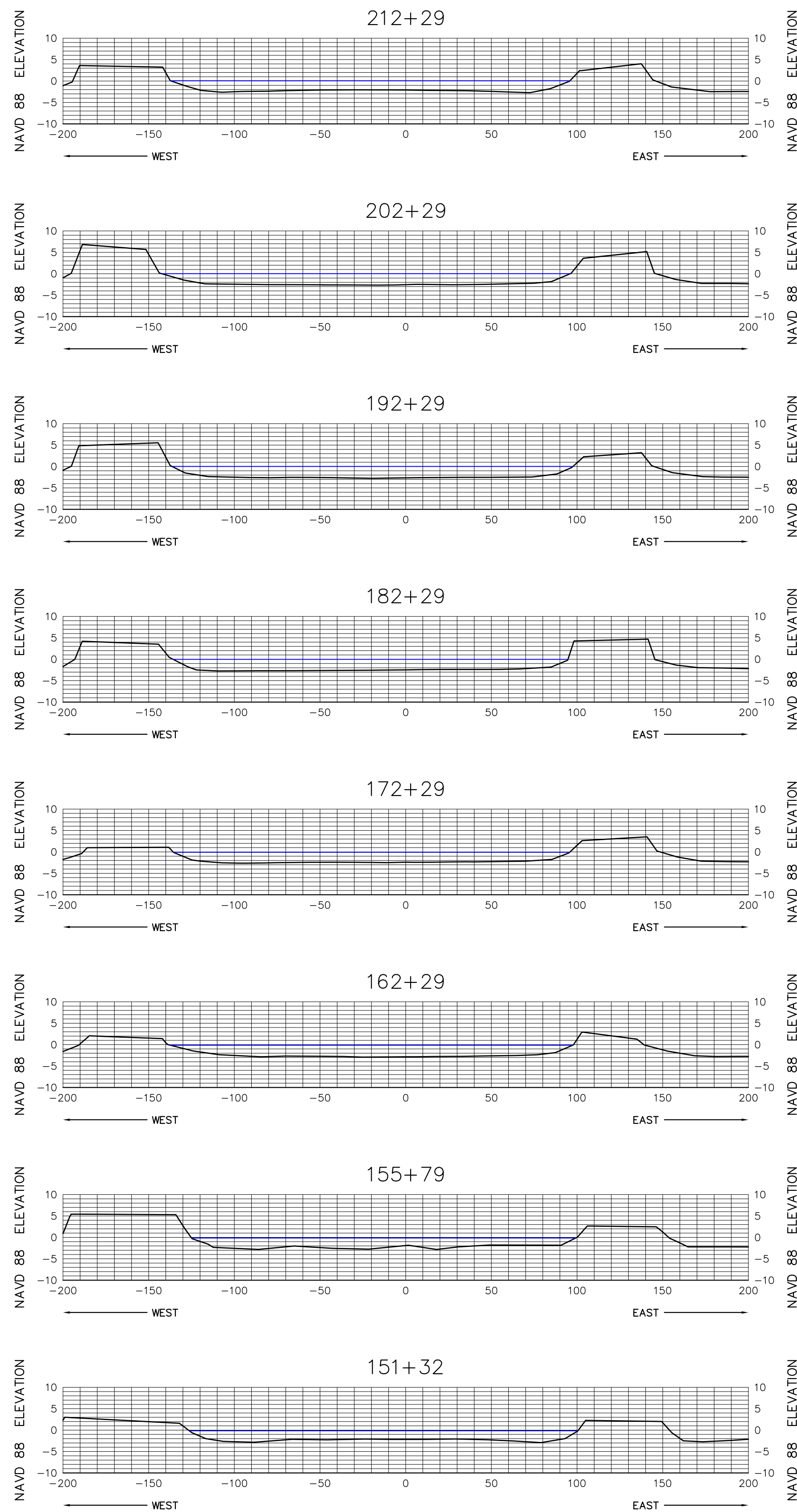
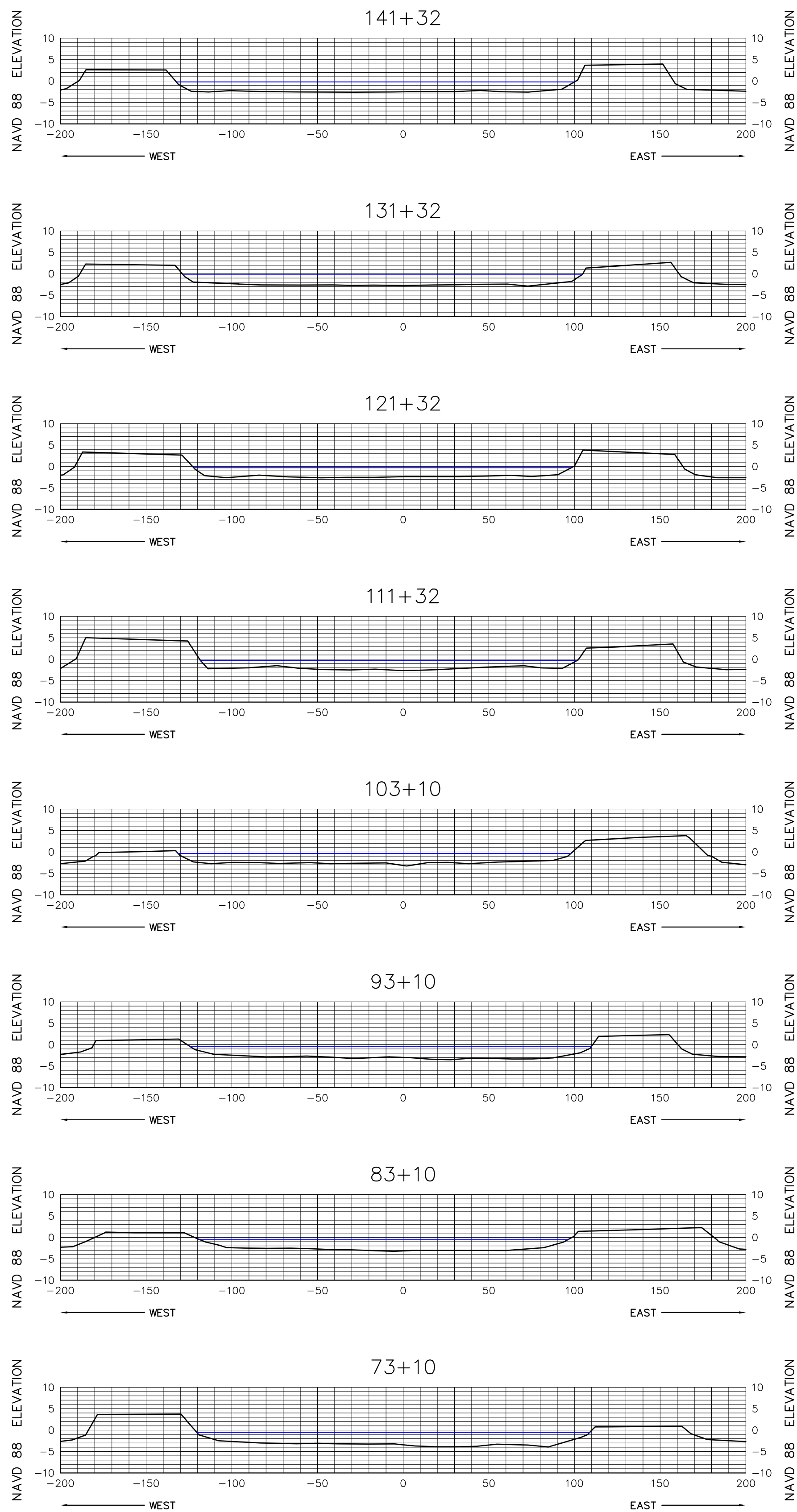
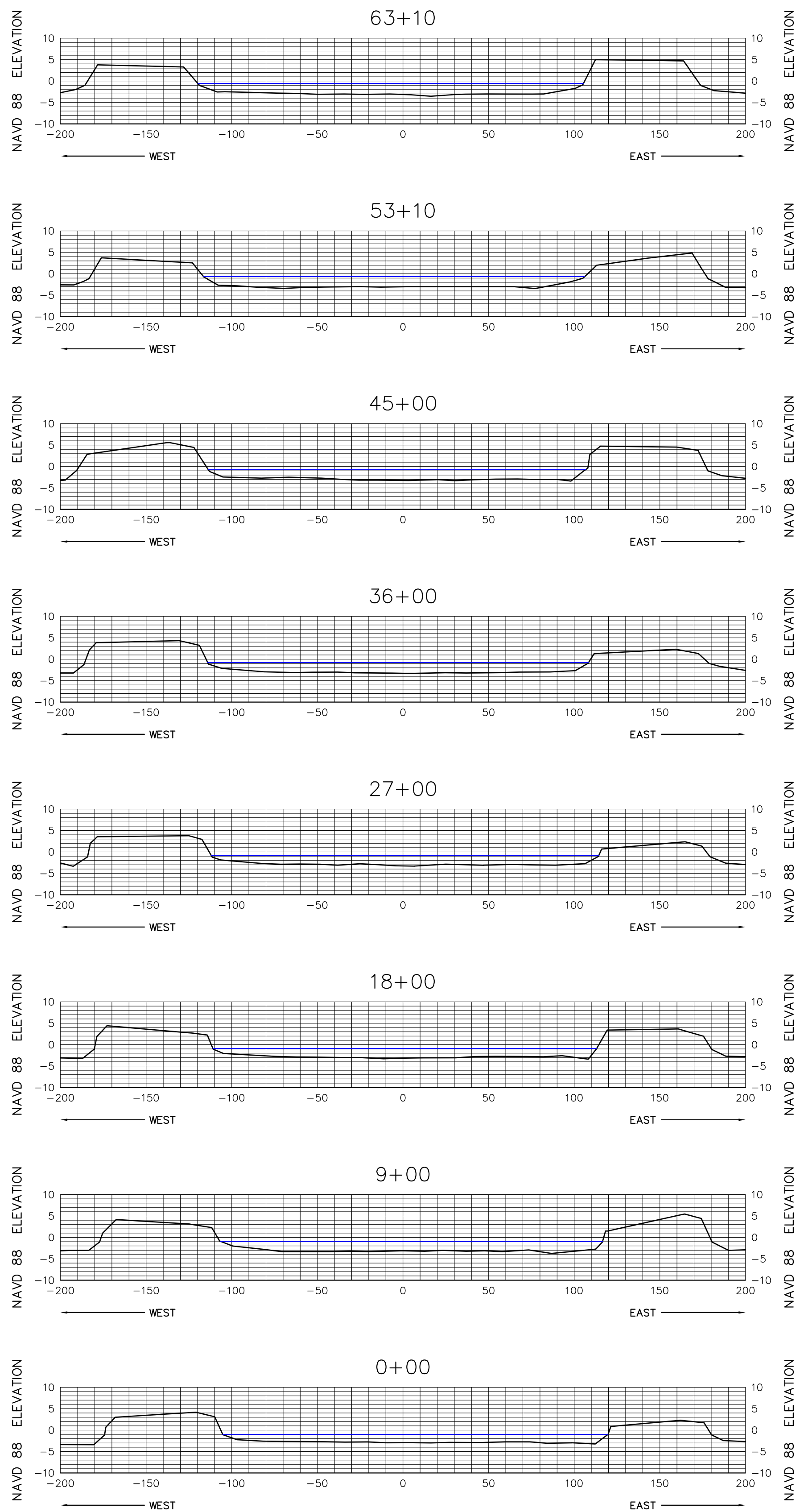
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6/2/10

SHEET 46 OF 78





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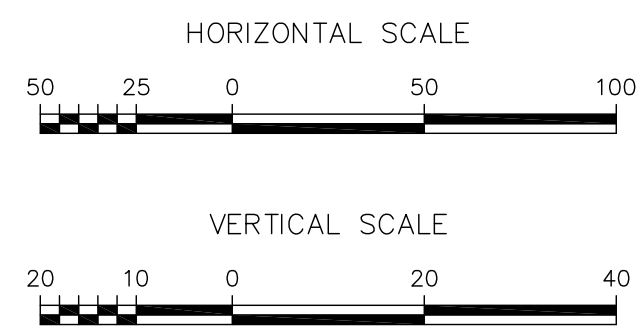
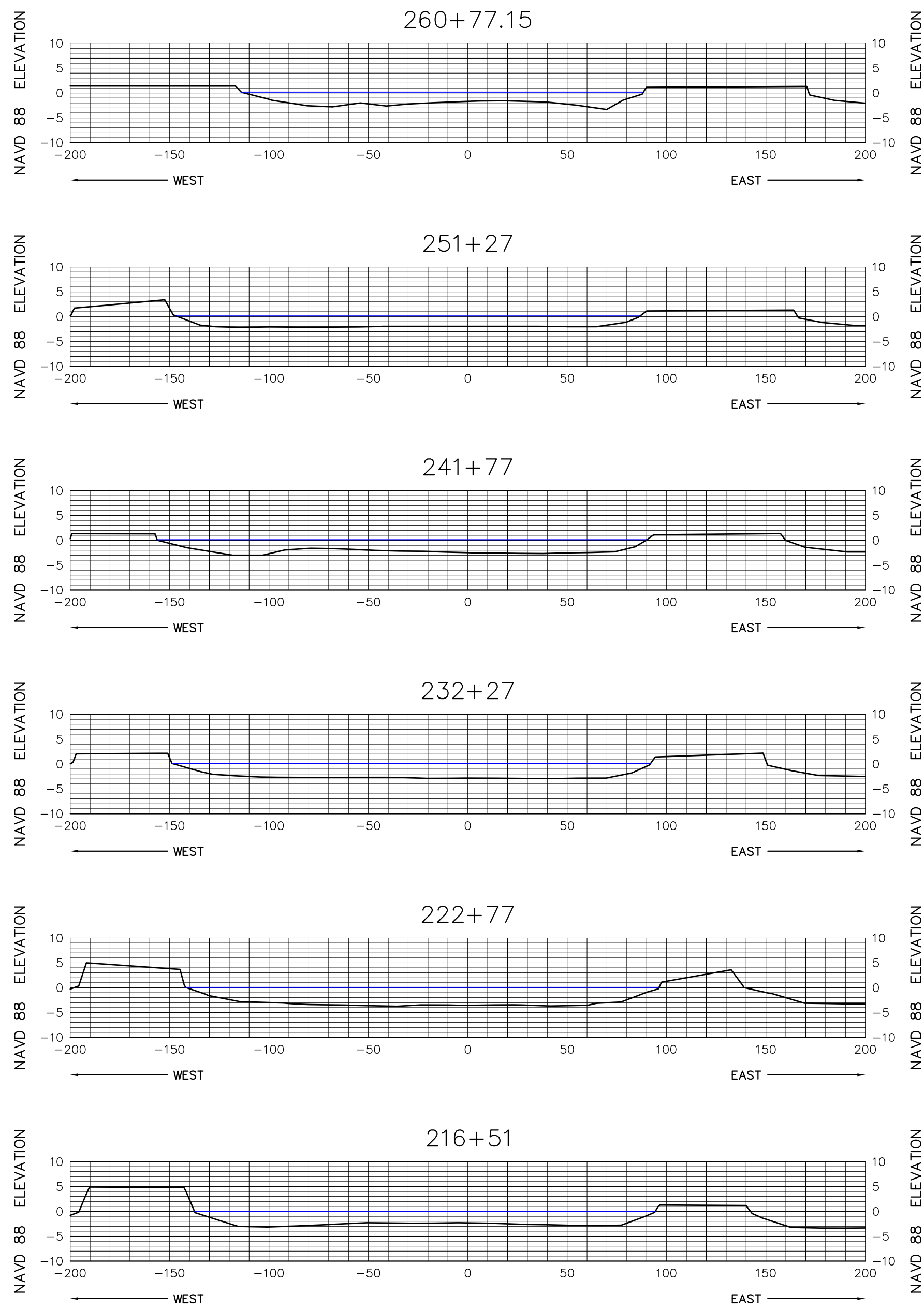
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 13W CROSS SECTION VIEW (NAVD 88)


TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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					DATE 6/14/10
					SHEET 47 OF 78



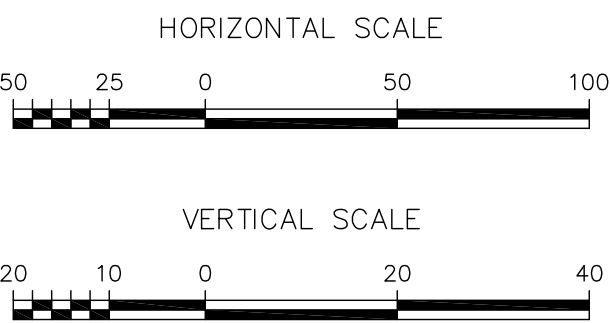
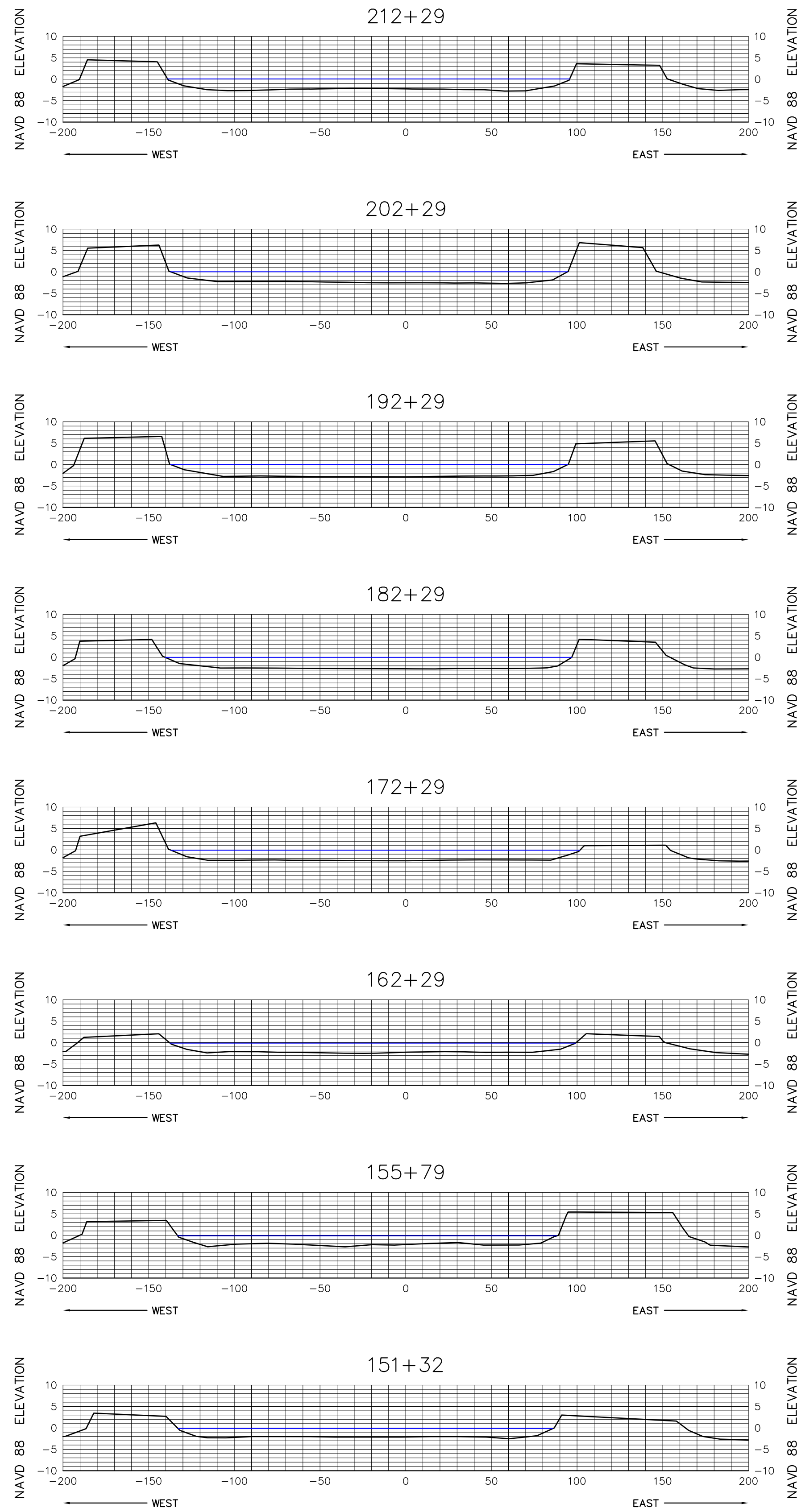
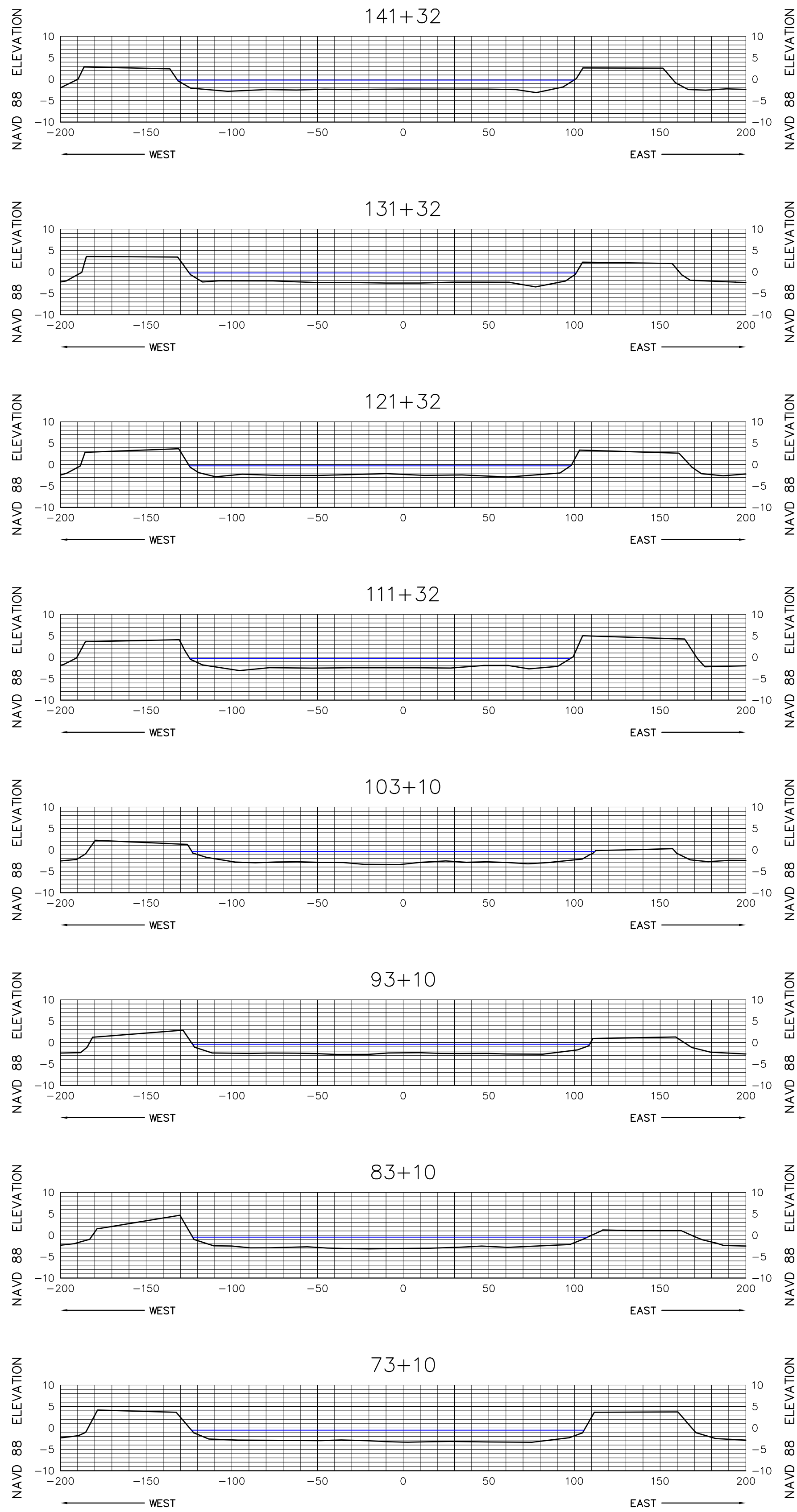
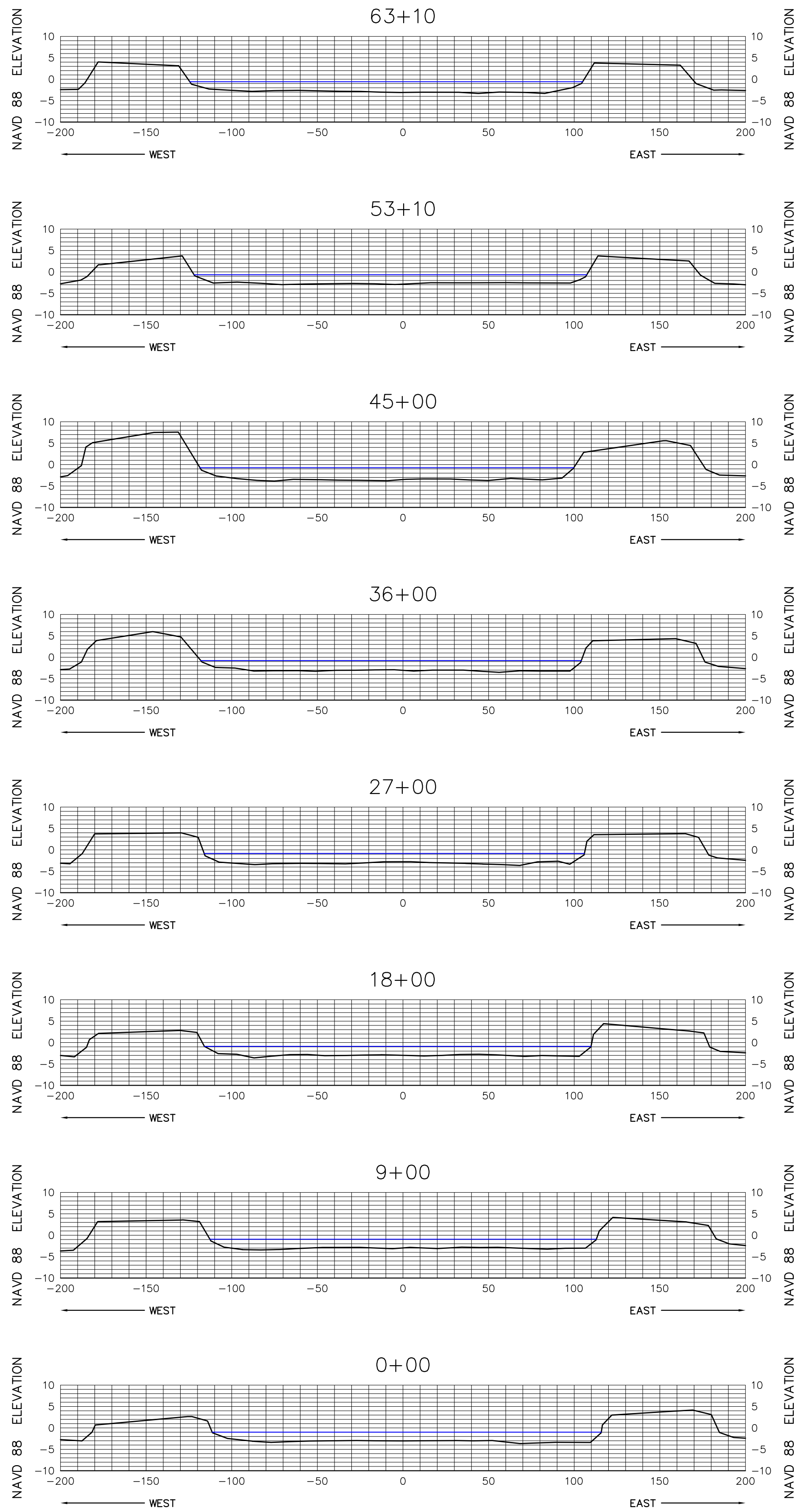


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	<b>MORGAN &amp; EKLUND, INC.</b>		CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.						COMMISSION NO. 5009.92		
	<b>PROFESSIONAL SURVEY CONSULTANTS</b>								TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT		SCALE AS SHOWN
	8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165	1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451							DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.

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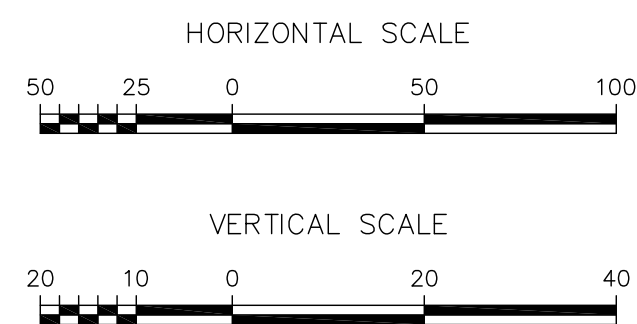
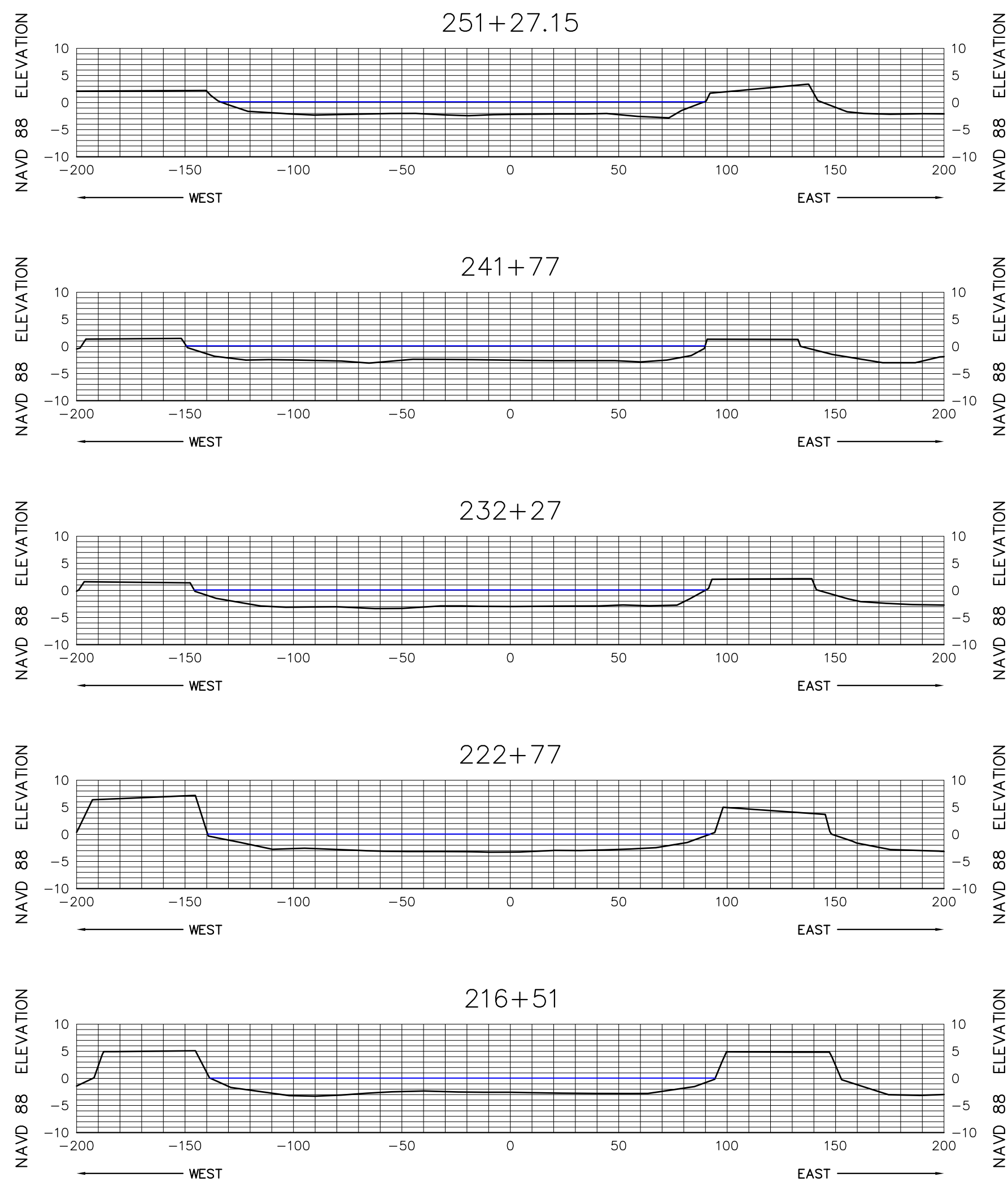
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 14W CROSS SECTION VIEW (NAVD 88)


TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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					SHEET 49 OF 78

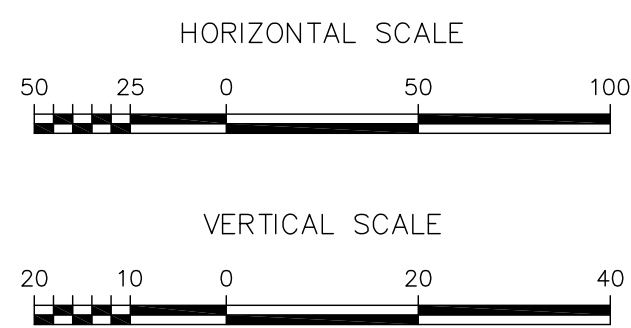
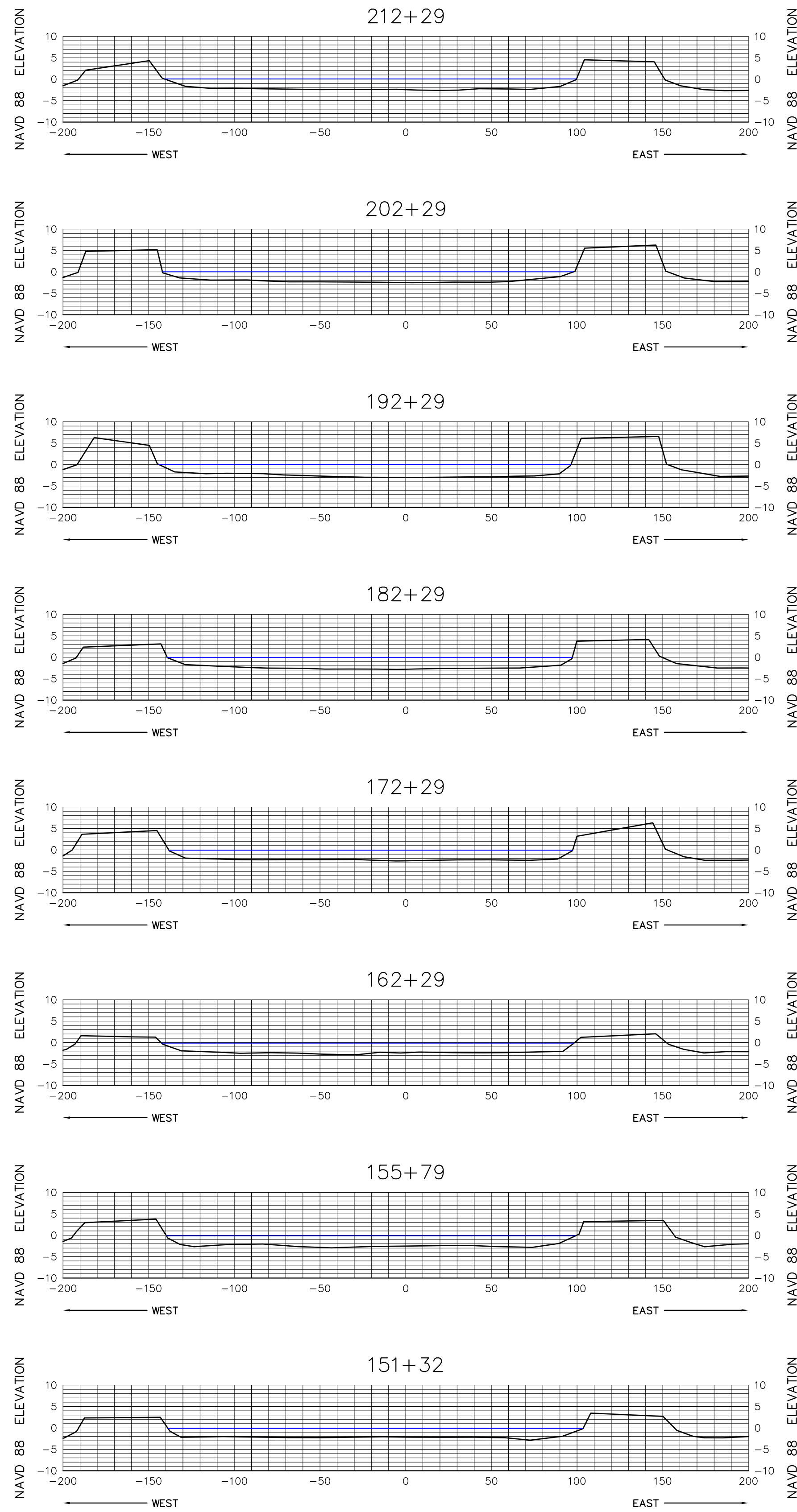
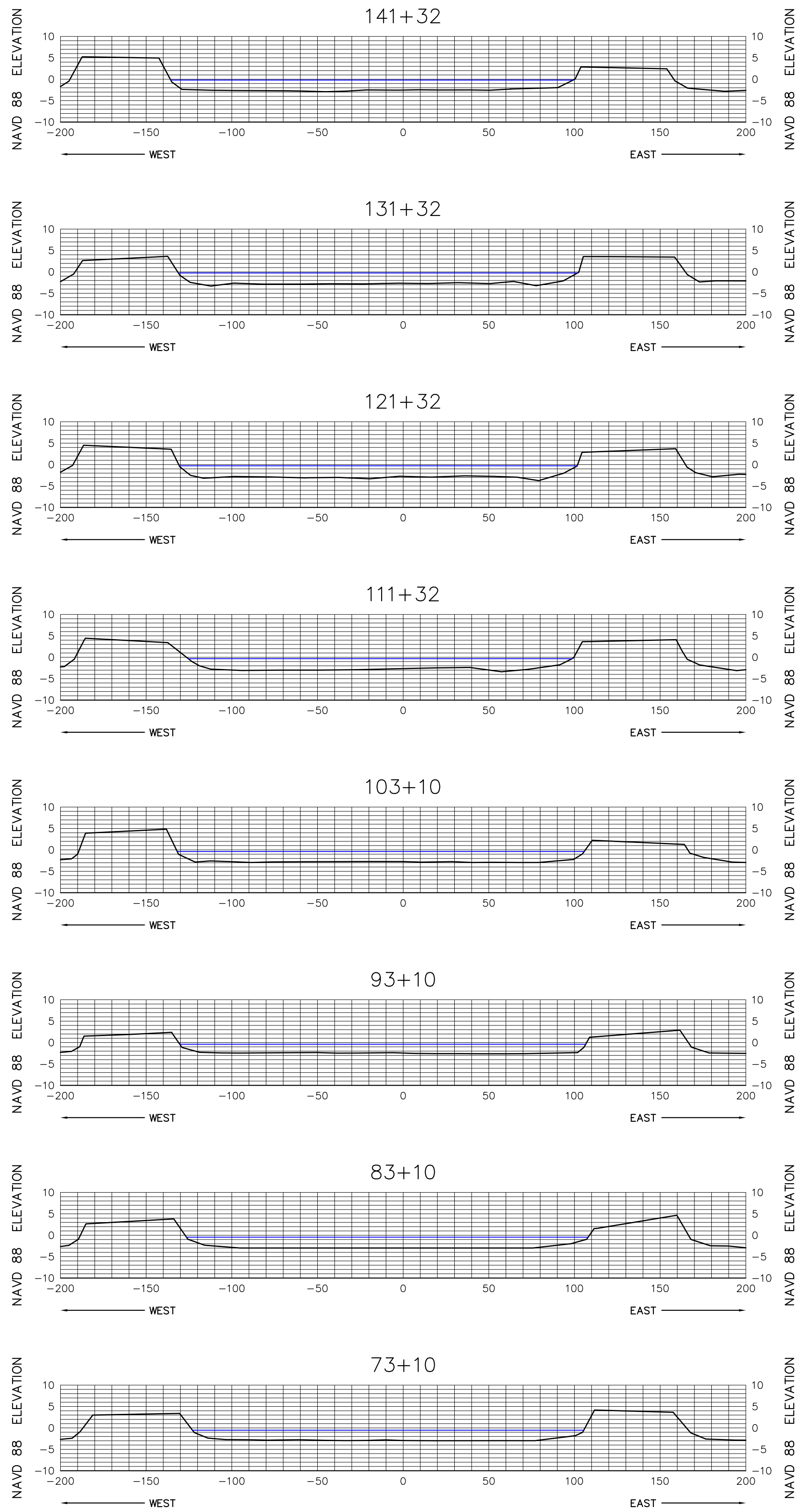
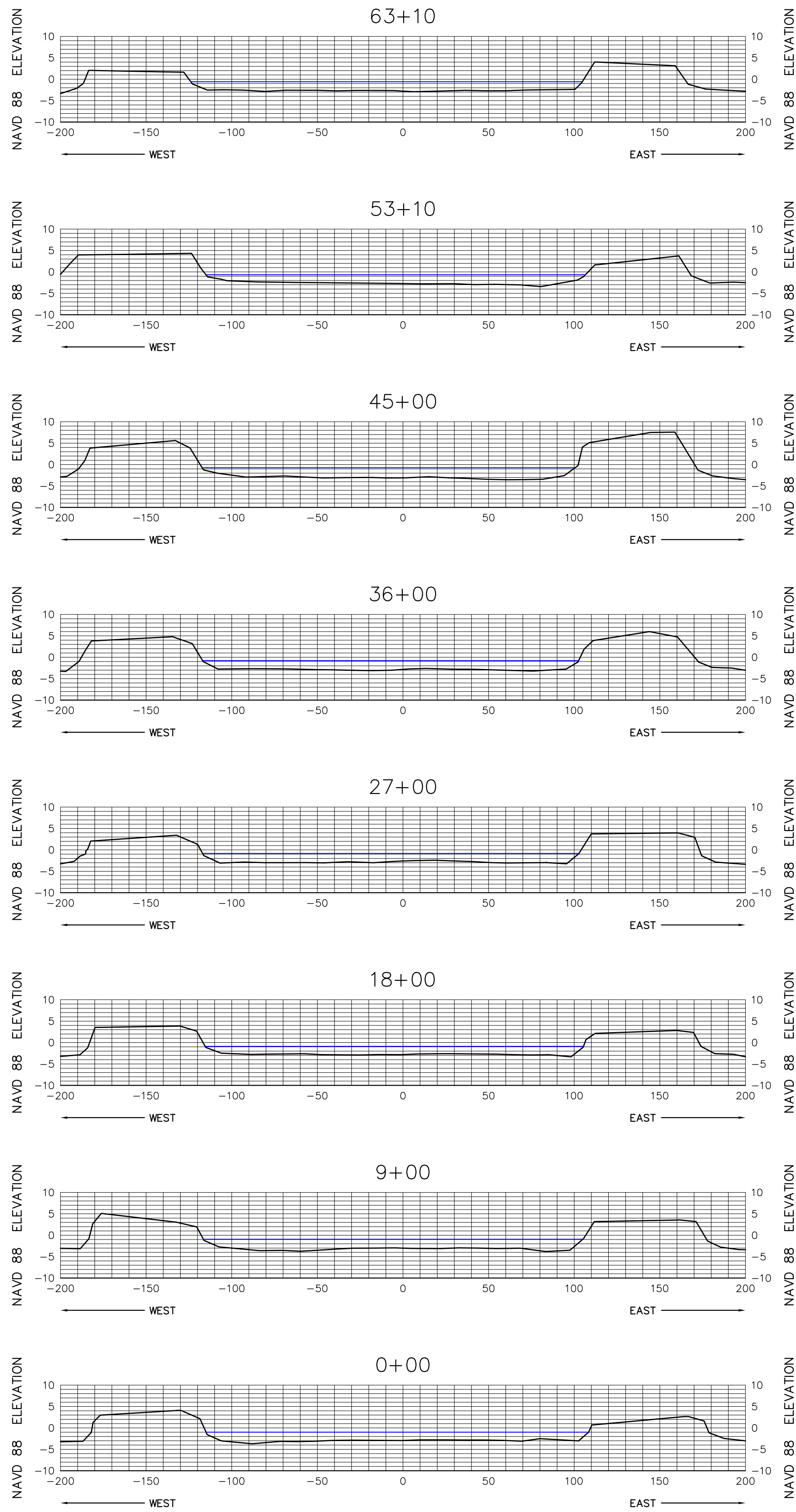





SEE SHEET 1 FOR NOTES

 <div><b>MORGAN &amp; EKLUND, INC.</b> <b>PROFESSIONAL SURVEY CONSULTANTS</b> 8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165 1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451 LB # 4298</div>	CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				CANAL 14W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92
	TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN				DATE 6/14/10
	DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	SHEET 50 OF 78			





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 15W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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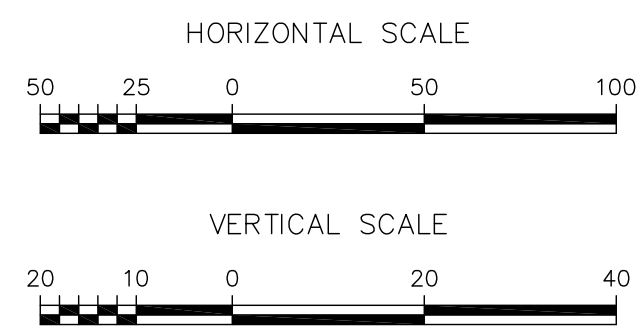
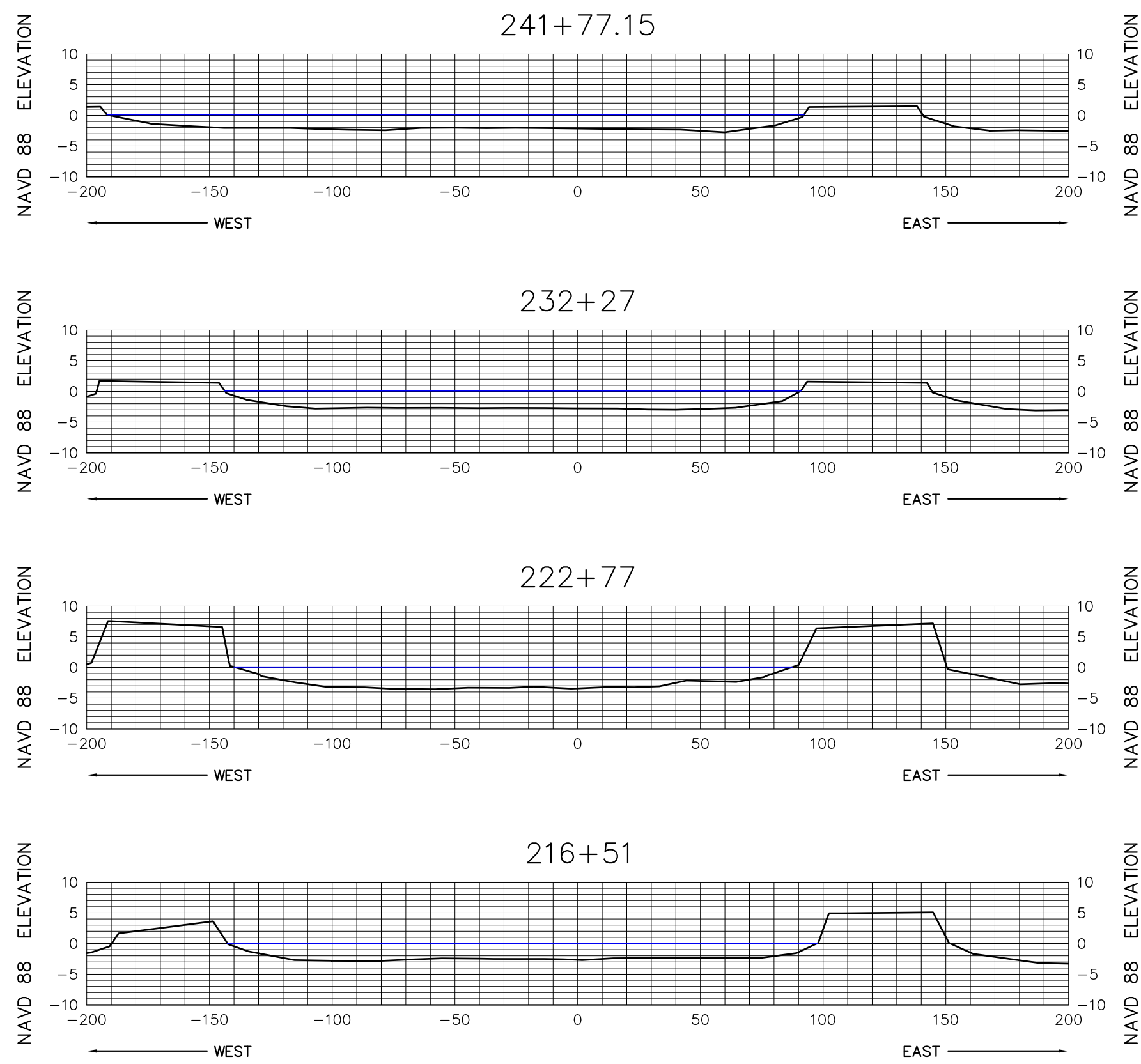
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN


DATE  
6/14/10

SHEET 51 OF 78

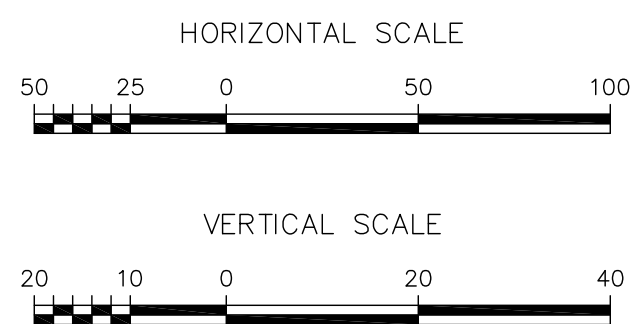
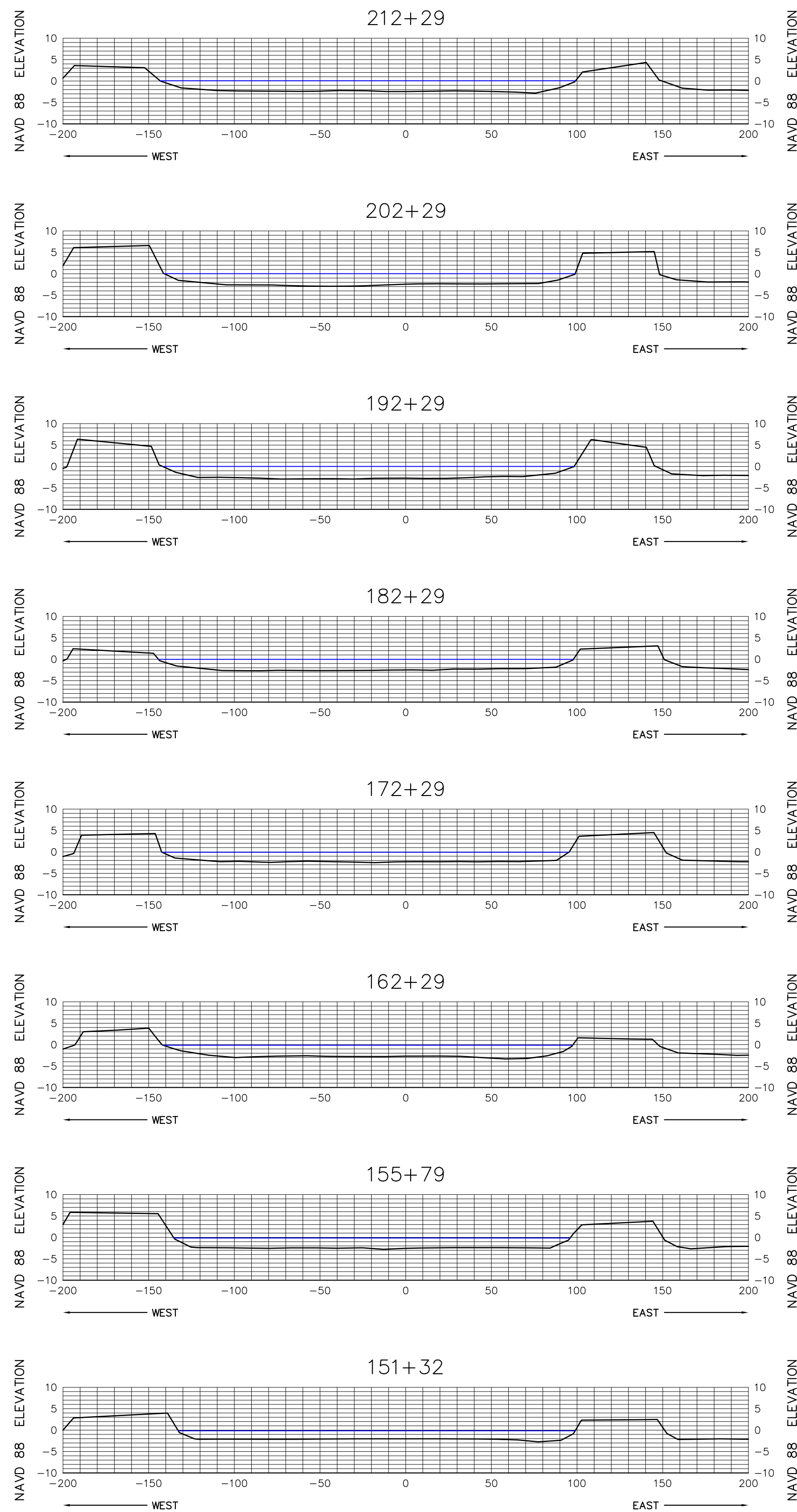
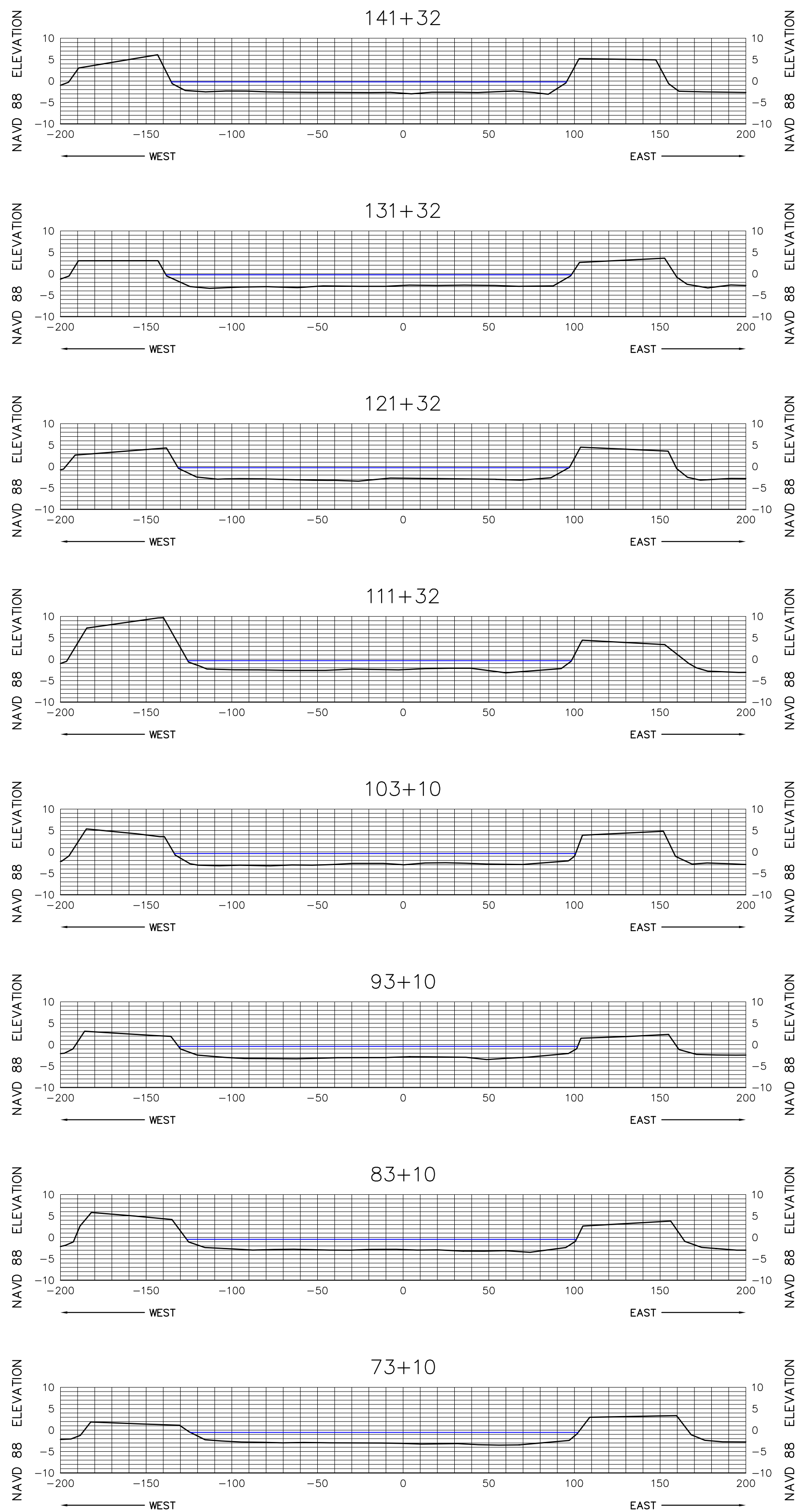
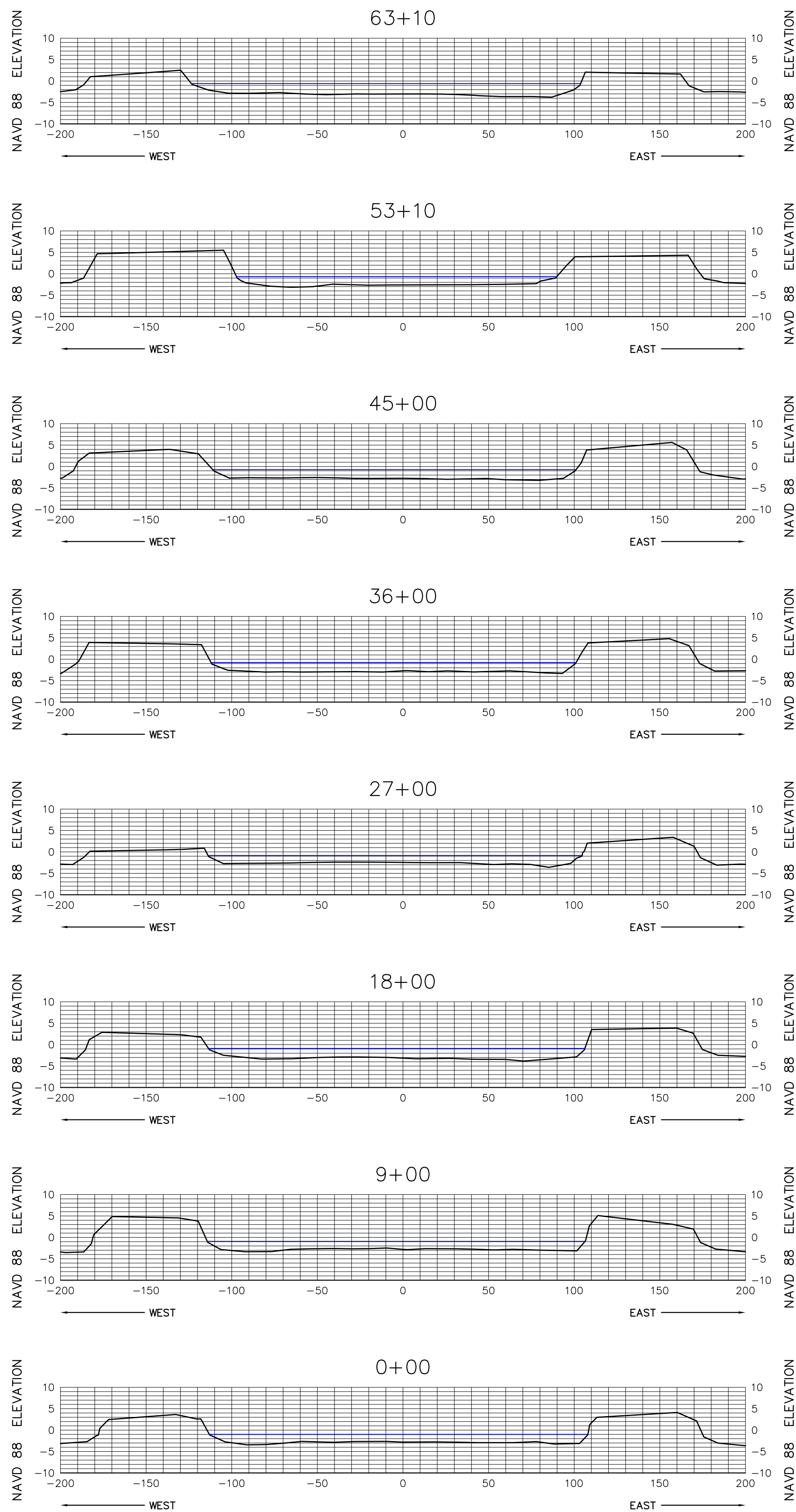




SEE SHEET 1 FOR NOTES

	<b>MORGAN &amp; EKLUND, INC.</b>		<b>CERTIFICATE OF SURVEYOR</b> - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				<b>TOPOGRAPHIC &amp; BATHYMETRIC SURVEY</b>		COMMISSION NO. 5009.92			
	<b>PROFESSIONAL SURVEY CONSULTANTS</b>						<b>TURKEY POINT COOLING CANALS</b>		<b>MIAMI-DADE COUNTY, FLORIDA</b>		SCALE AS SHOWN	
	8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165		1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451		<b>- FOR -</b>				DATE 6/14/10			
	LB # 4298		JOHN R. MORGAN, II, P.L.S. PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA		<b>FLORIDA POWER AND LIGHT</b>		DRAWN BY CAG		CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10





SEE SHEET 1 FOR NOTES

**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

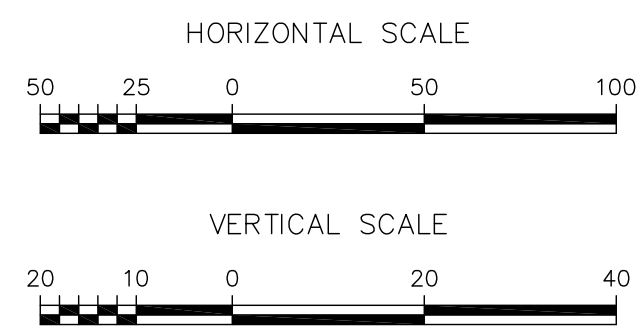
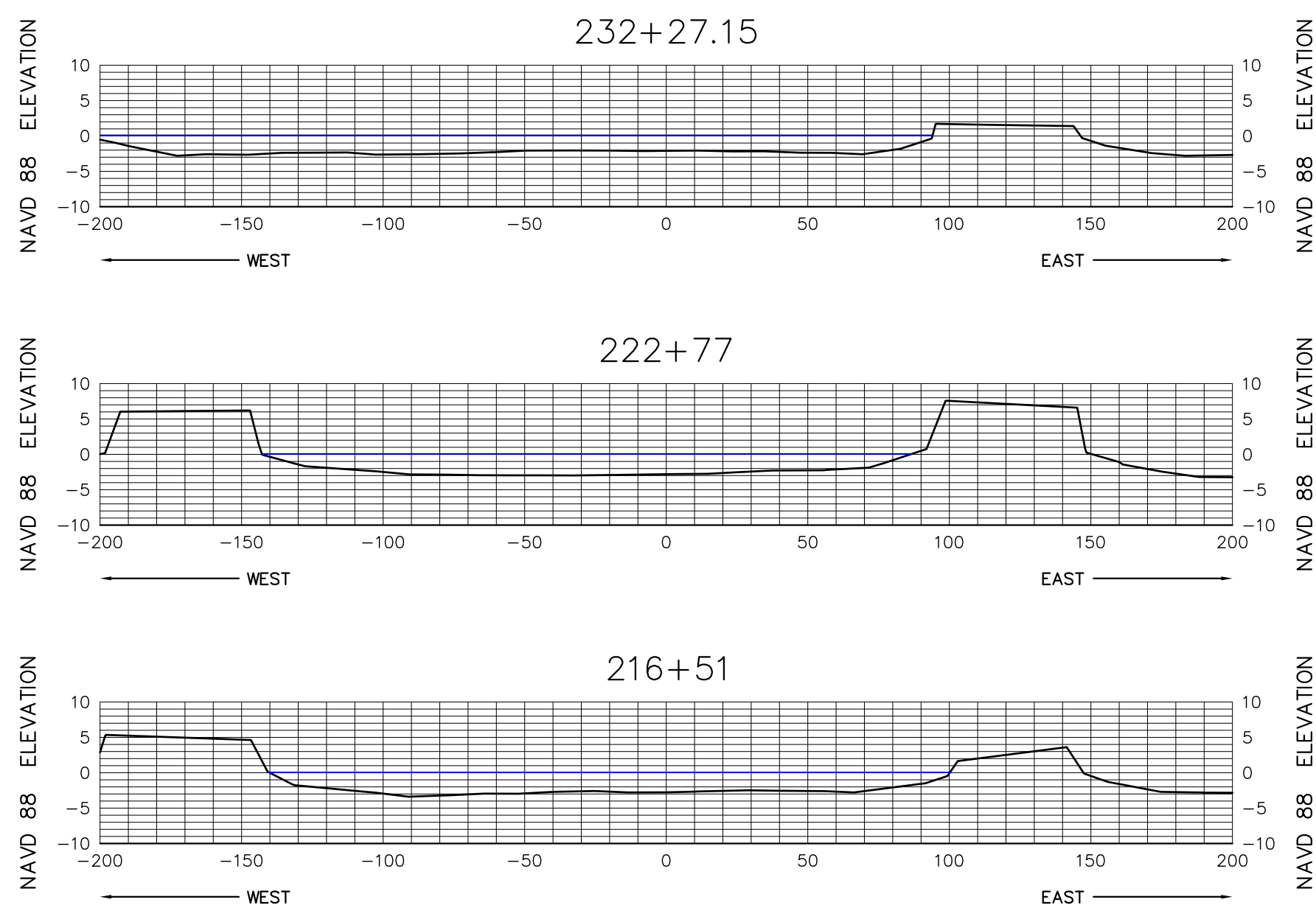
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 16W CROSS SECTION VIEW (NAVD 88)


TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	COMMISSION NO. 5009.92
SCALE AS SHOWN					DATE 6/14/10
SHEET 53 OF 78					

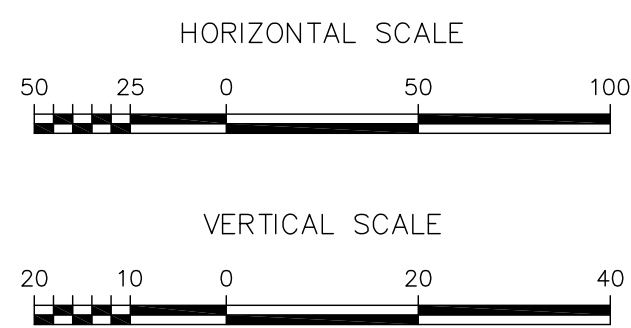
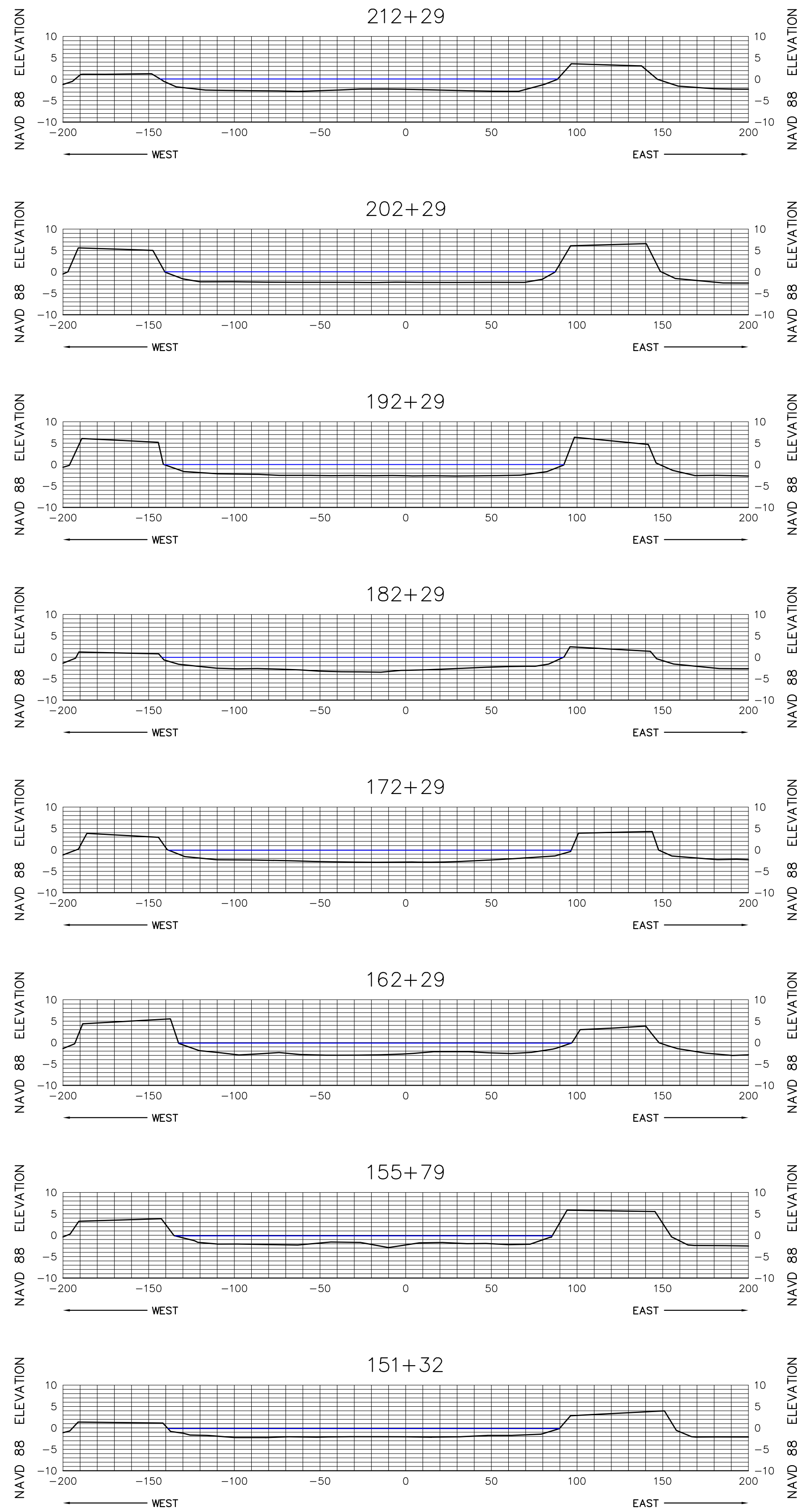
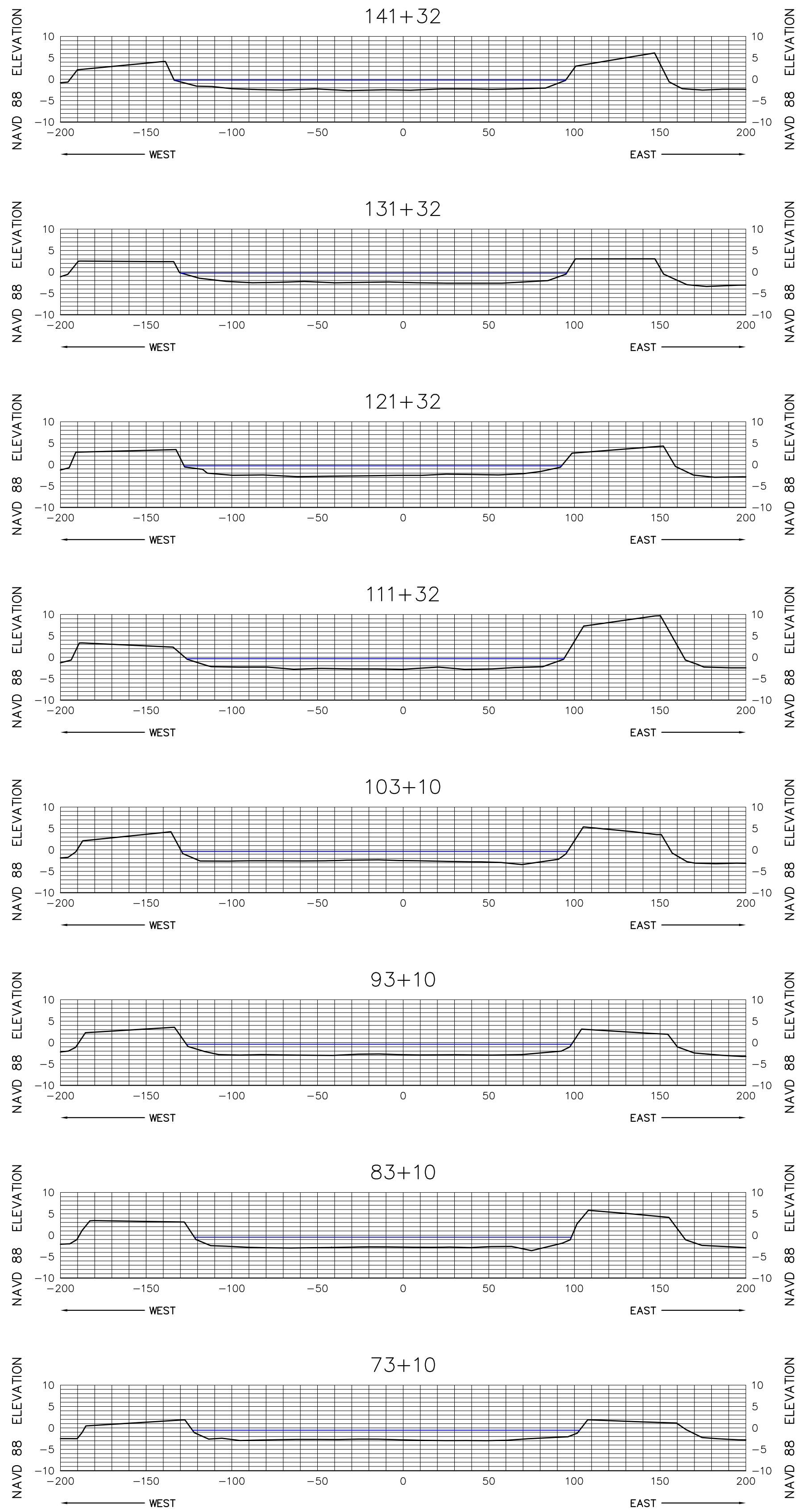
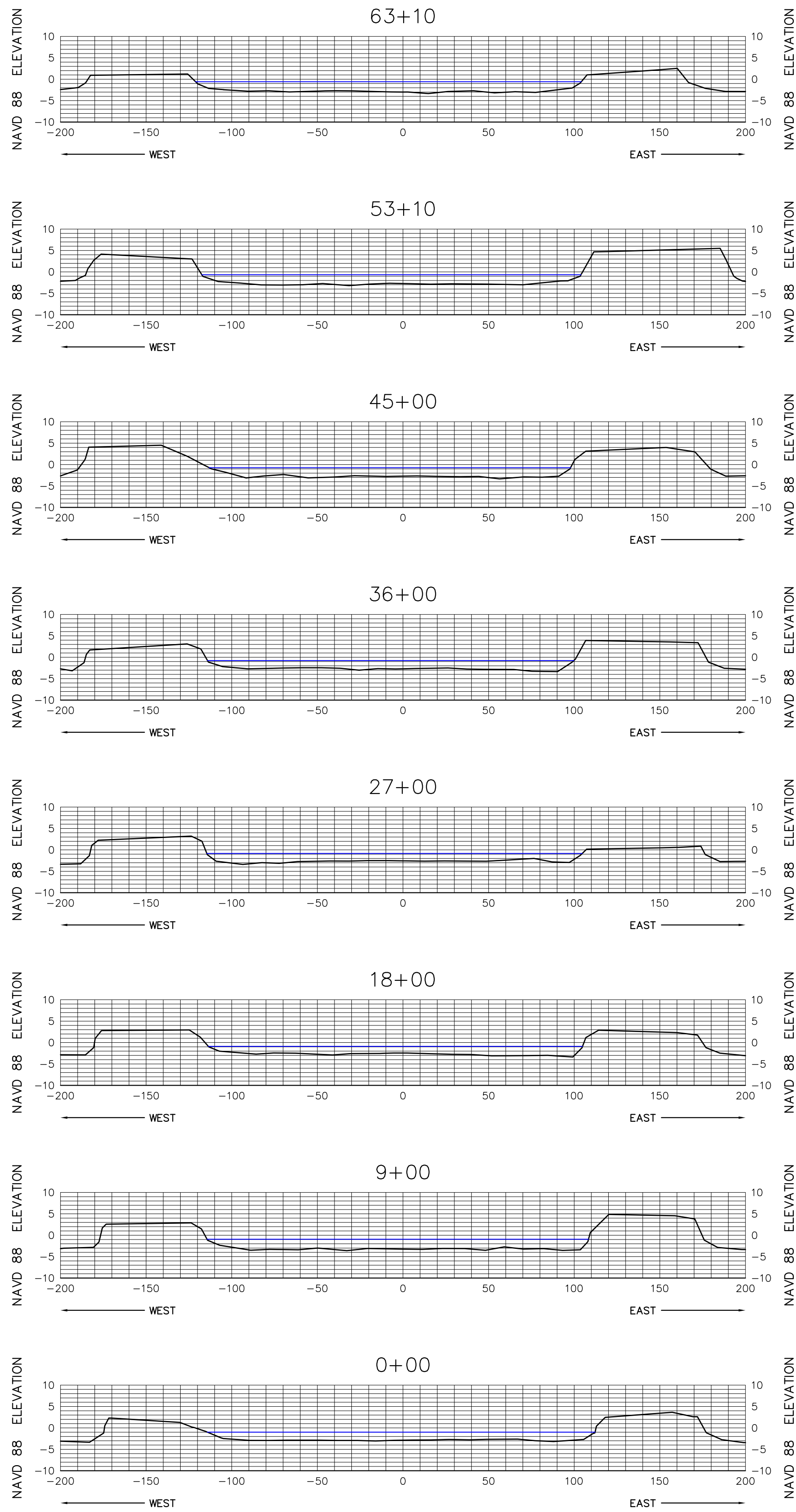





SEE SHEET 1 FOR NOTES

 <div><b>MORGAN &amp; EKLUND, INC.</b> <b>PROFESSIONAL SURVEY CONSULTANTS</b> 8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165 1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451 LB # 4298</div>	CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				CANAL 16W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92
	TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN				DATE 6/14/10
	DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	SHEET 54 OF 78			





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
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FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 17W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
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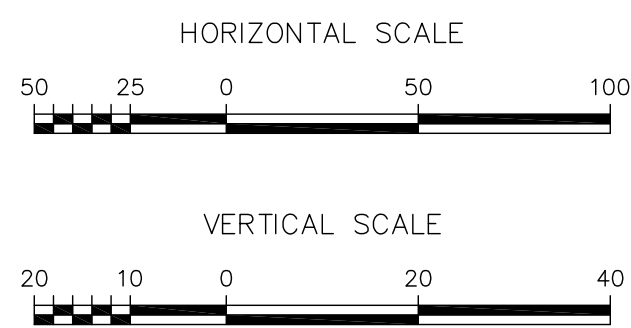
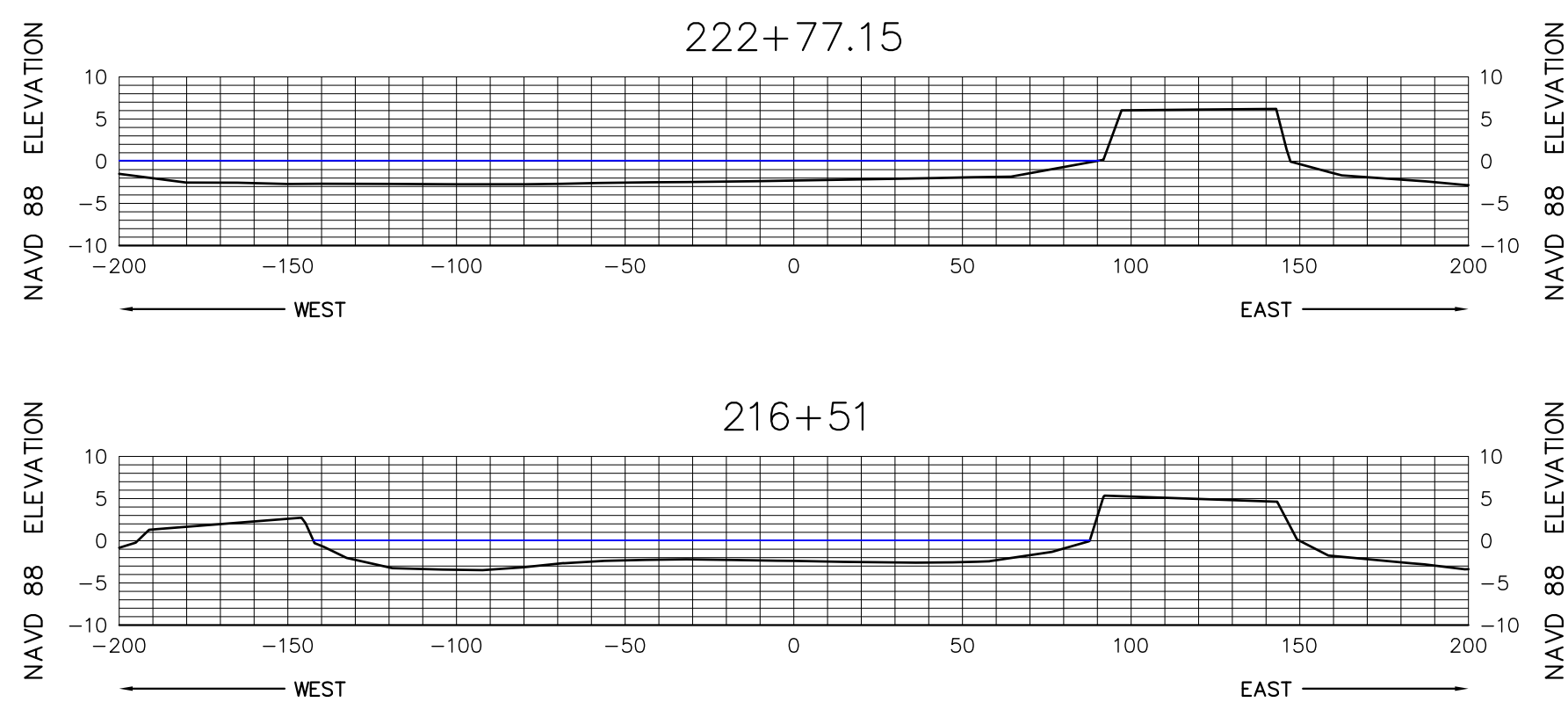
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN


DATE  
6/14/10

SHEET 55 OF 78

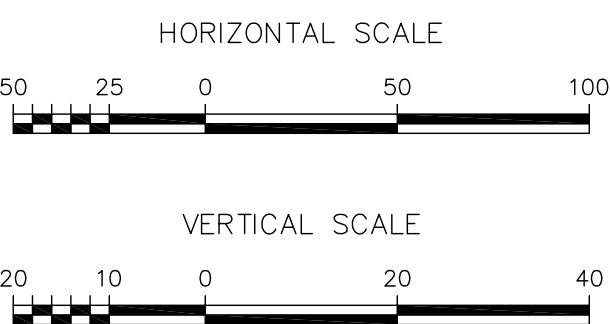
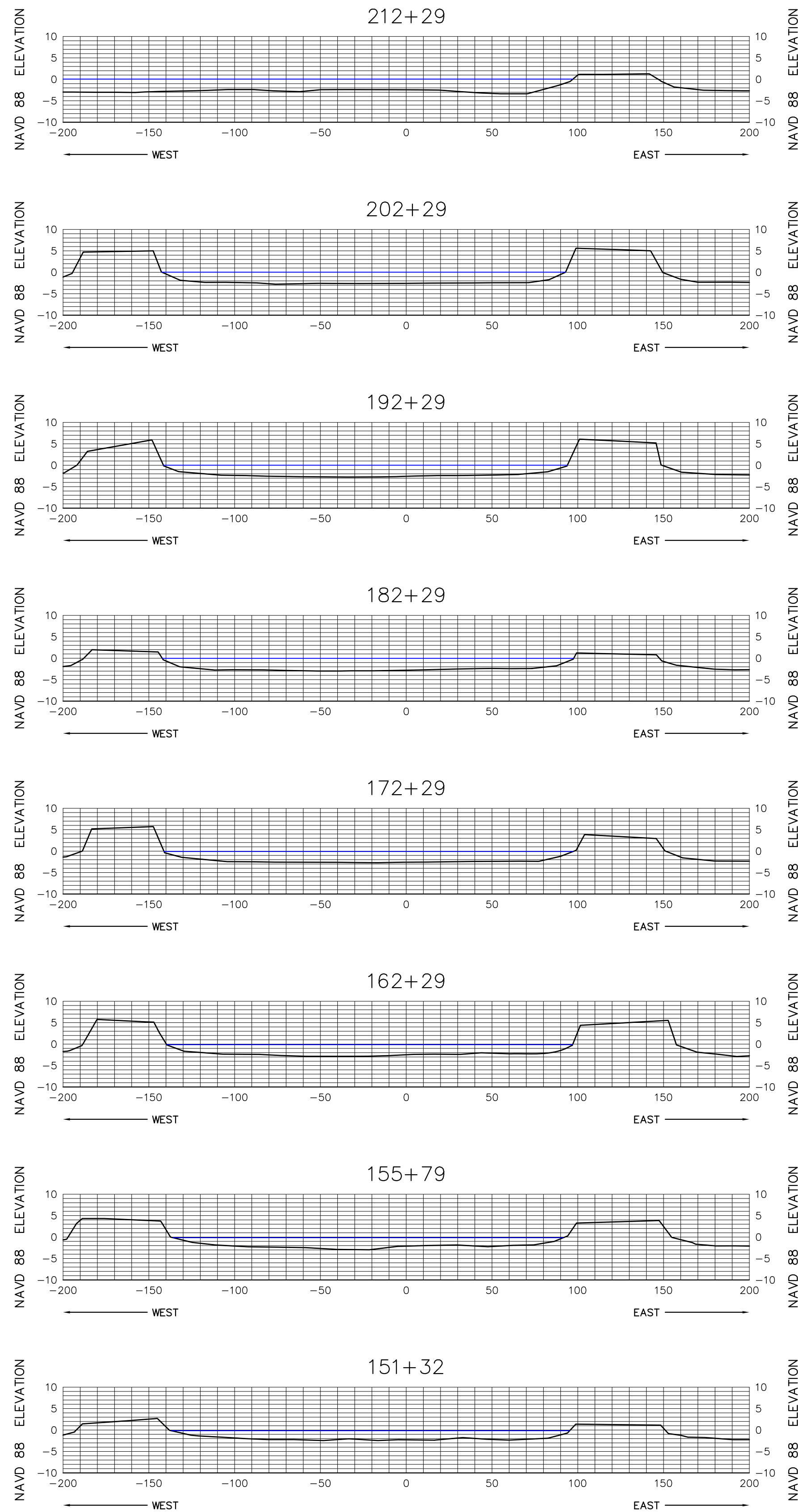
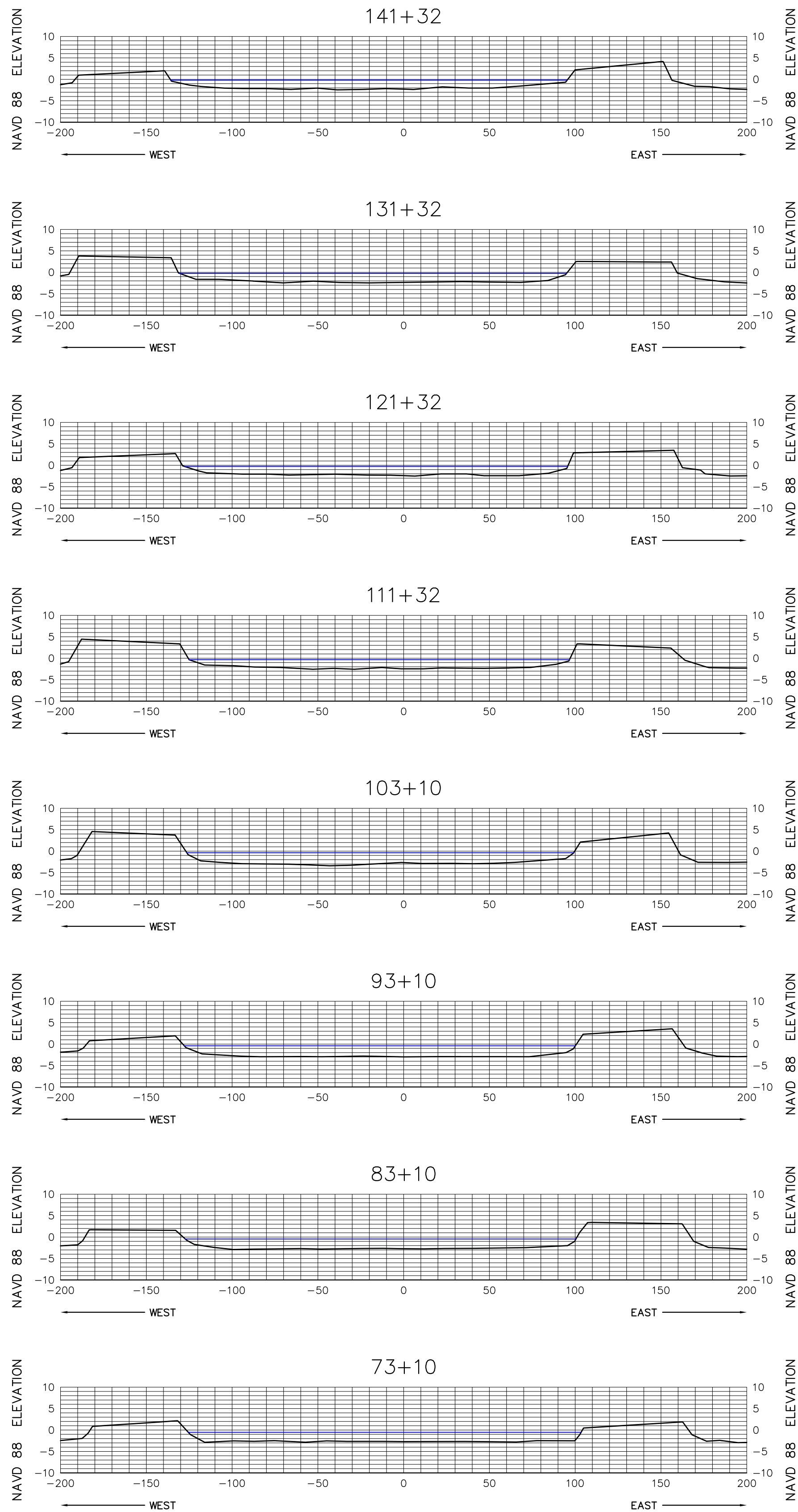
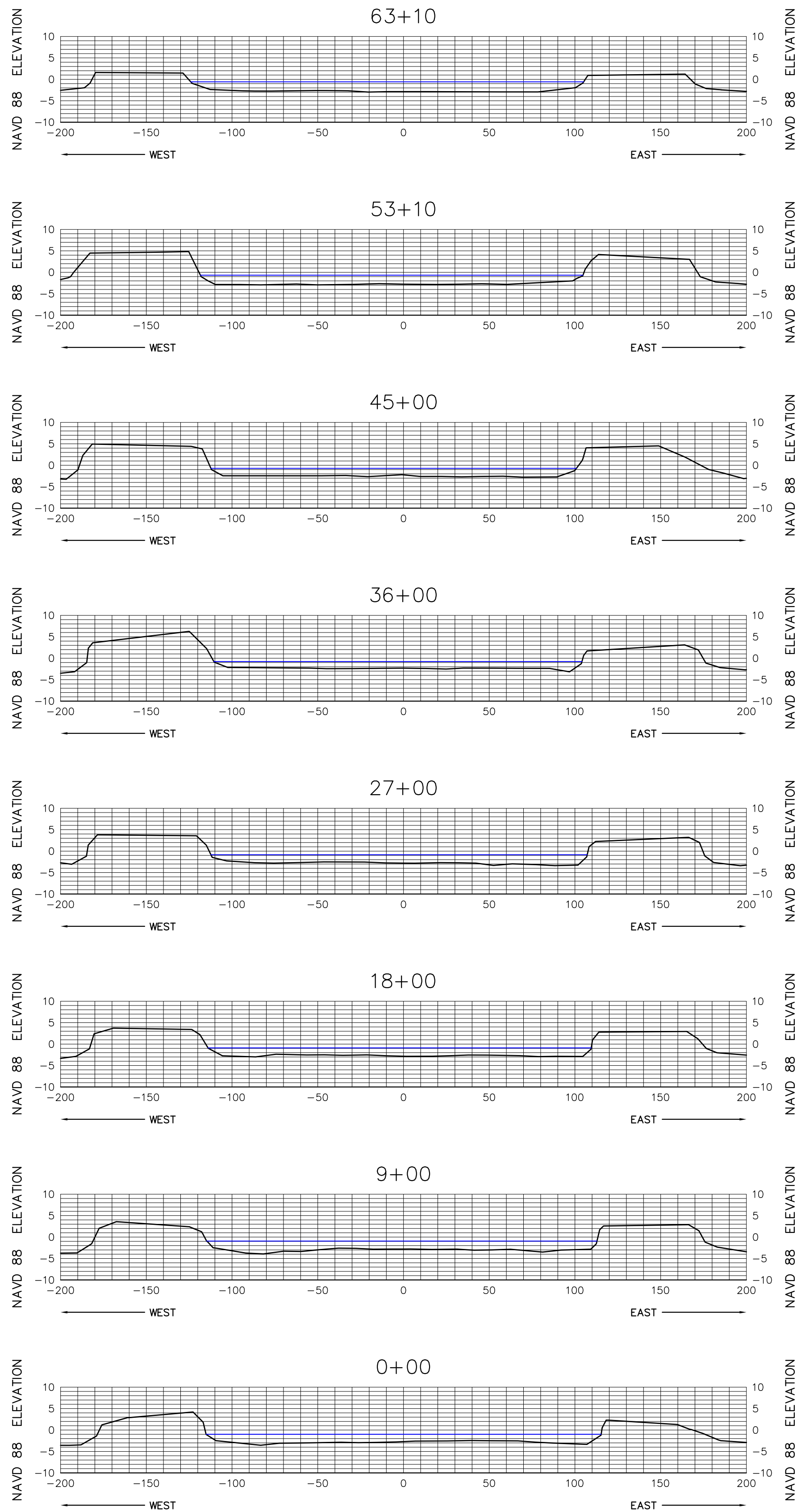




SEE SHEET 1 FOR NOTES

 <div><b>MORGAN &amp; EKLUND, INC.</b> <b>PROFESSIONAL SURVEY CONSULTANTS</b> 8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165 LB # 4298</div> <div><div>1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451</div><div><small>CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.</small>  <small>JOHN R. MORGAN, II, PLS PROFESSIONAL LAND SURVEYOR # 3520 STATE OF FLORIDA</small></div></div>	CANAL 17W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92	
	TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN	
	DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	DATE 6/14/10 SHEET 56 OF 78





SEE SHEET 1 FOR NOTES

**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

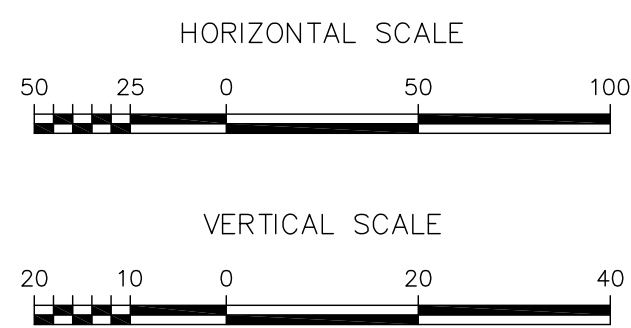
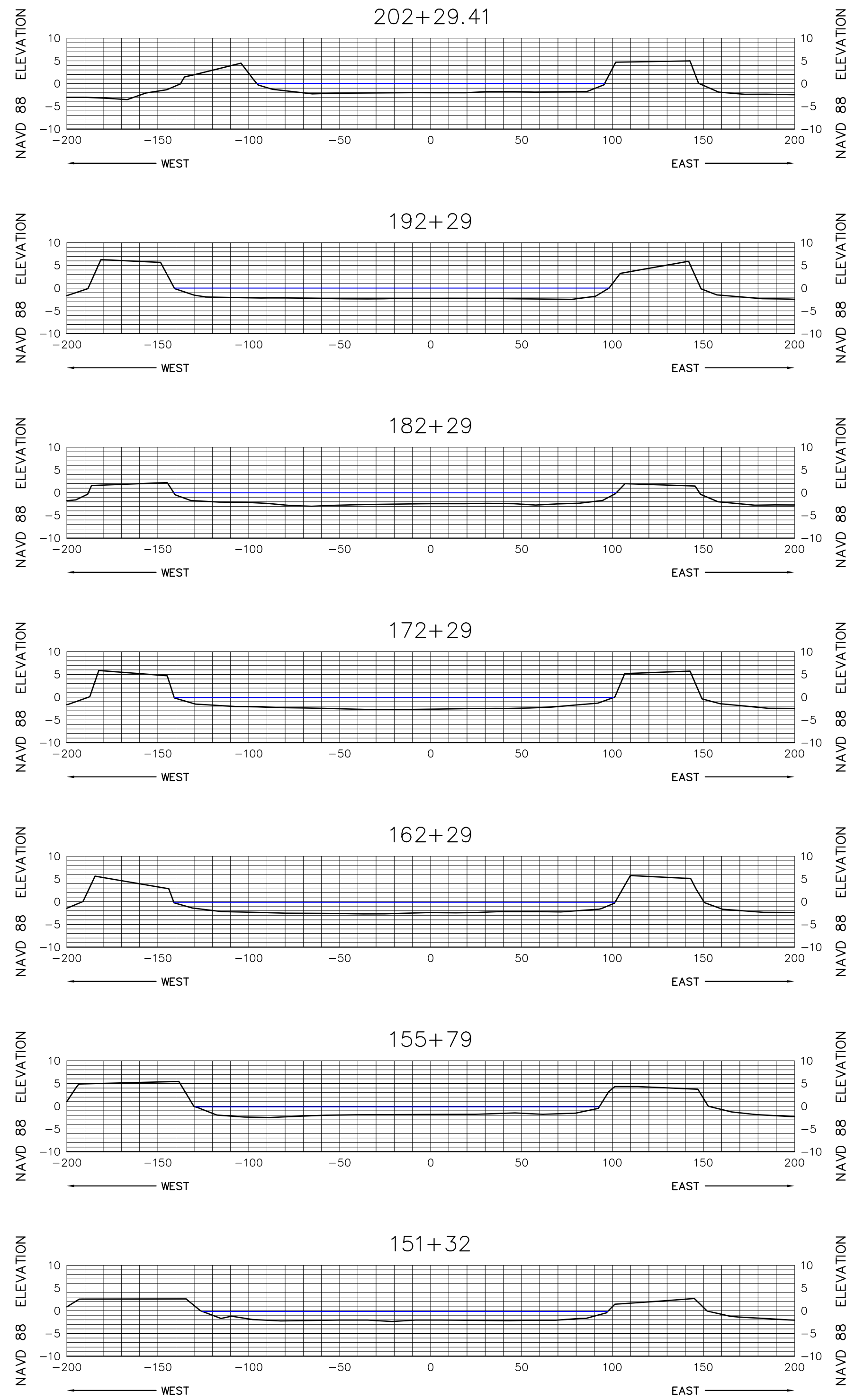
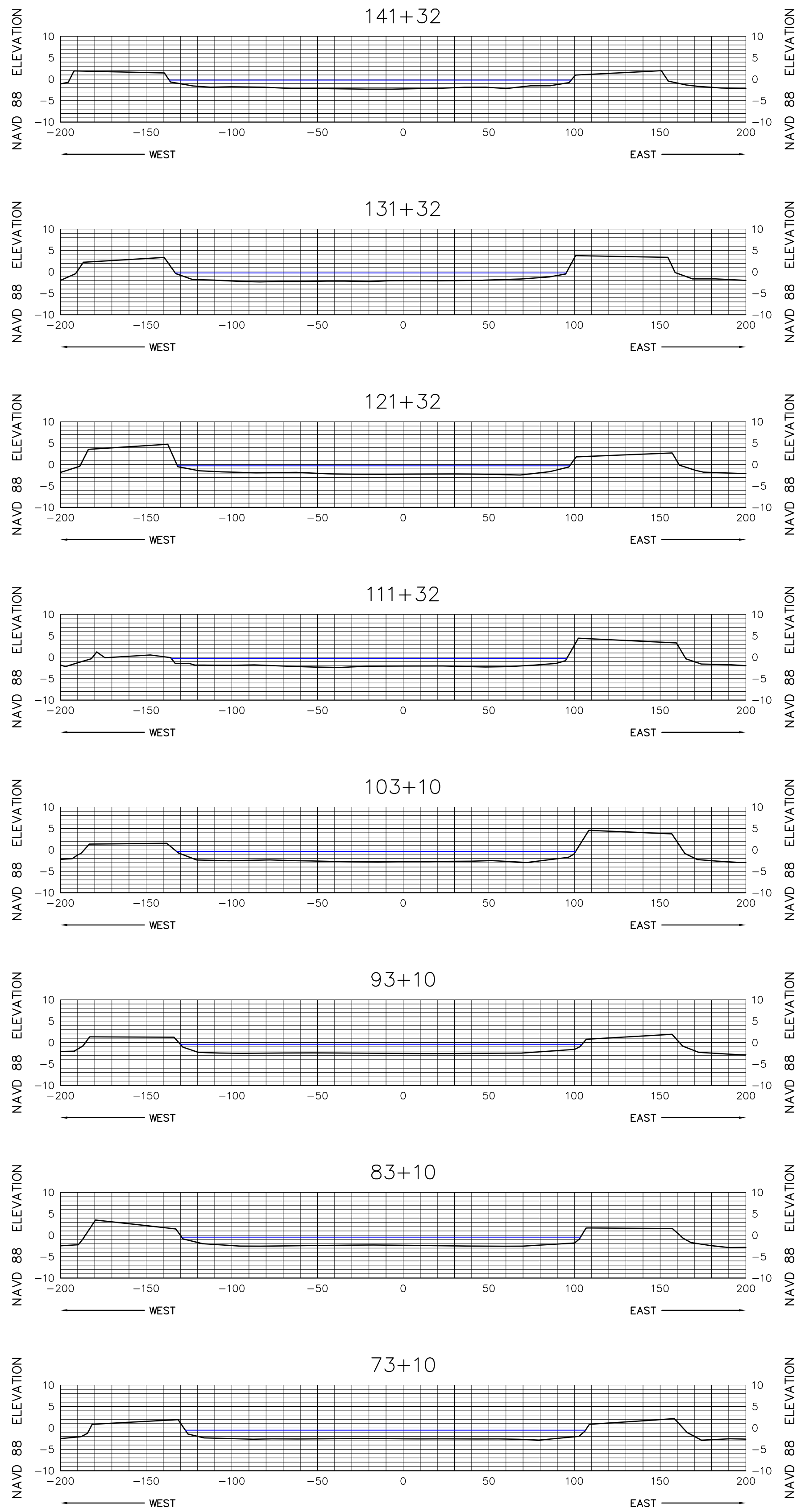
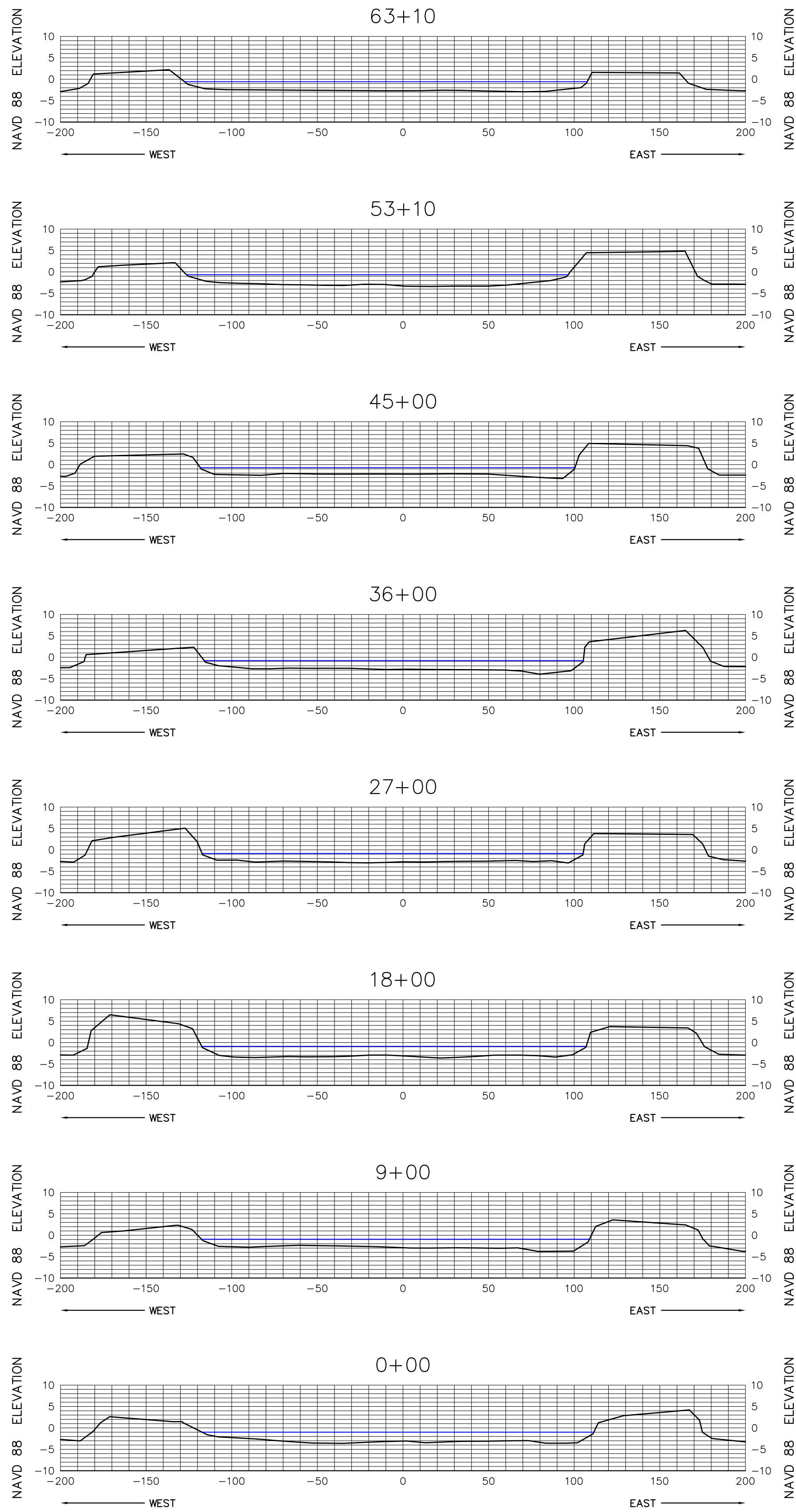
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 18W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	COMMISSION NO. 5009.92
SCALE AS SHOWN					DATE 6/14/10
SHEET 57 OF 78					





SEE SHEET 1 FOR NOTES



**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165  
1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451  
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 19W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

CHECKED BY  
JRM

FIELD BOOK  
PAGE NO. COVER

DATE OF SURVEY  
6/2/10

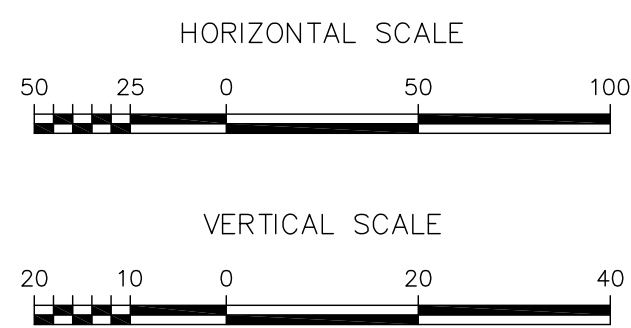
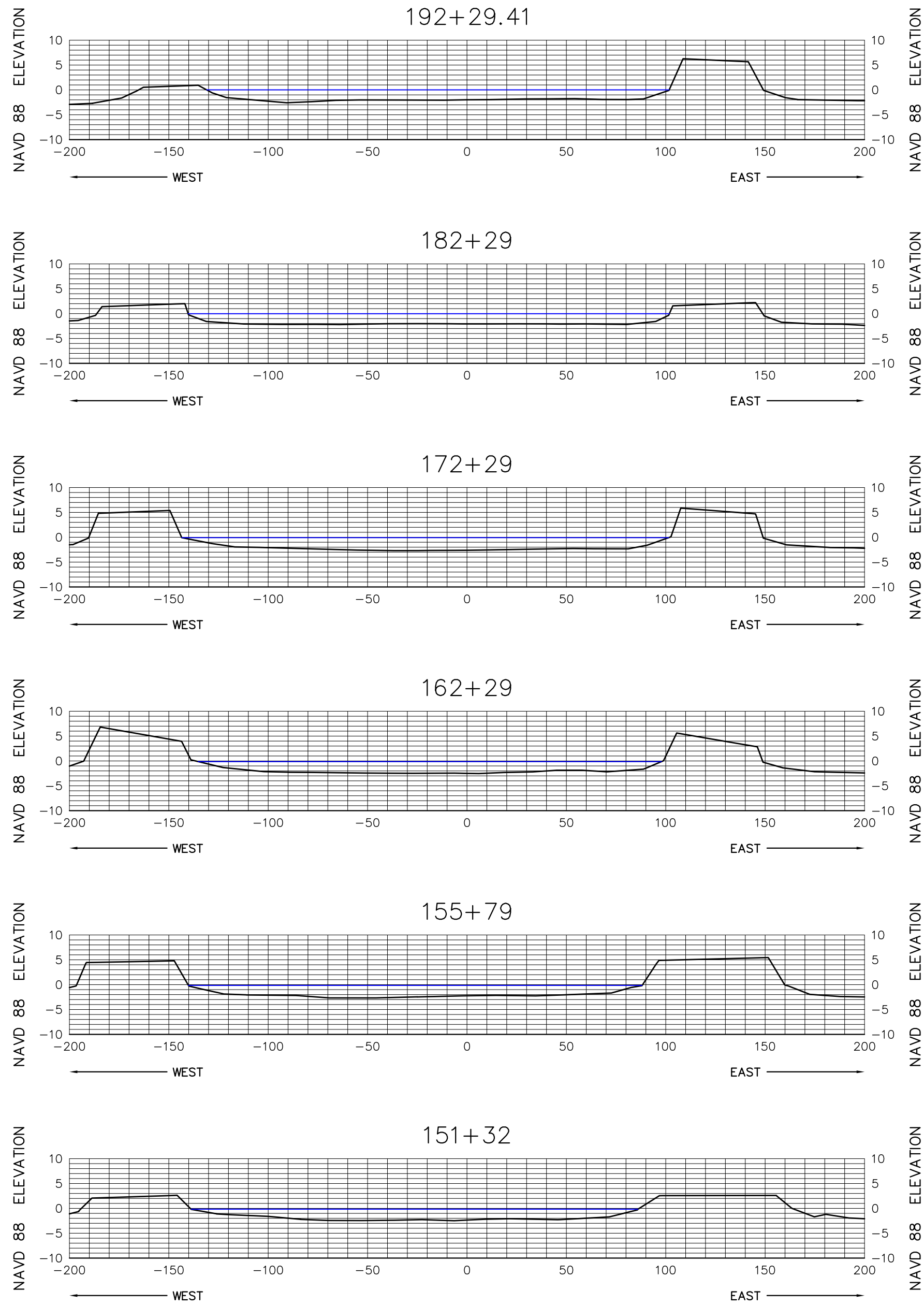
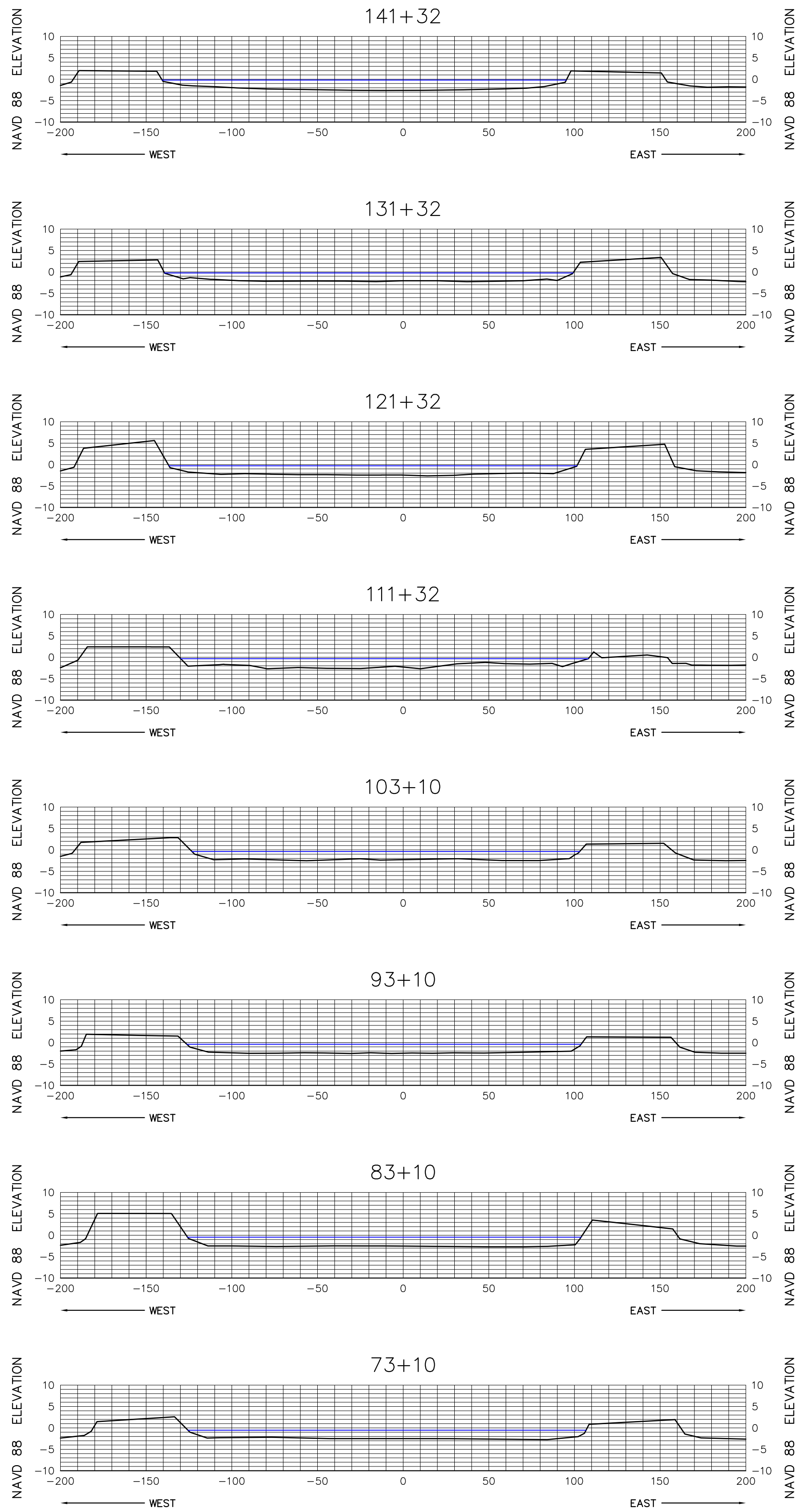
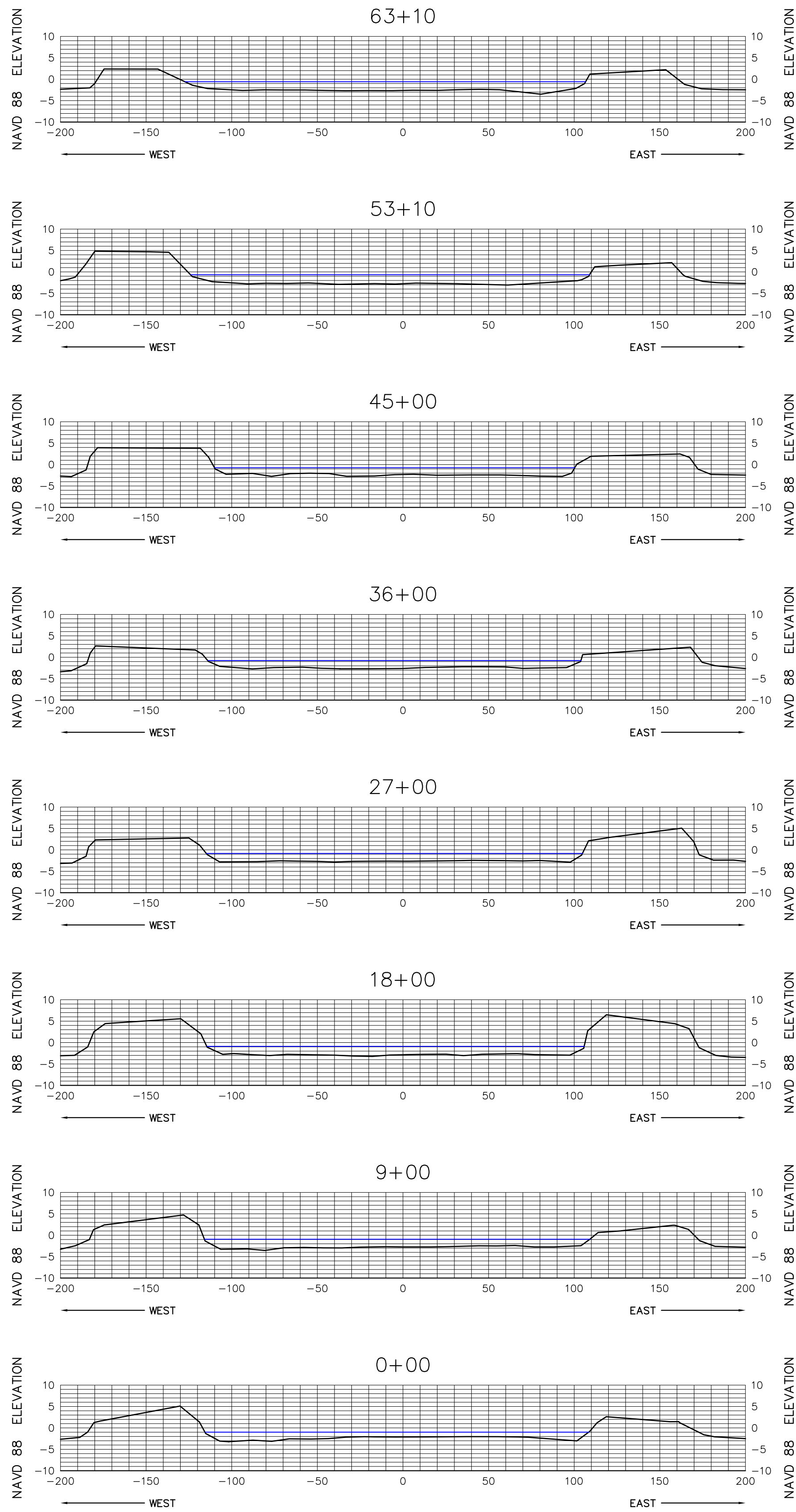
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN

DATE  
6/14/10

SHEET 58 OF 78





SEE SHEET 1 FOR NOTES

**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

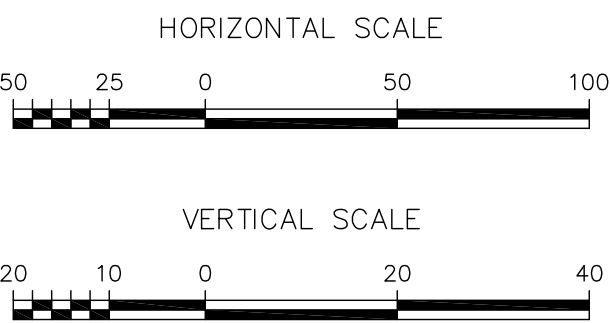
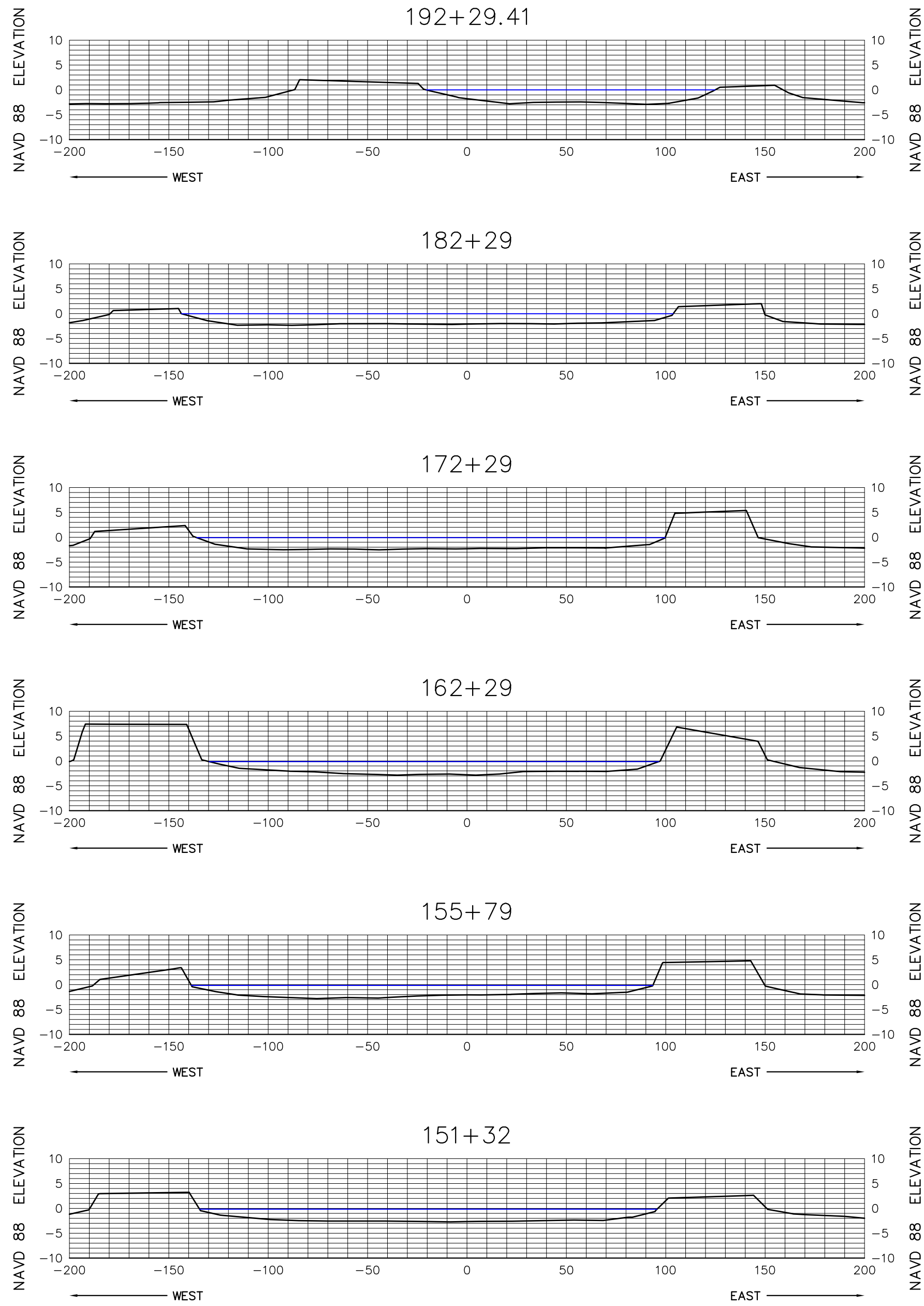
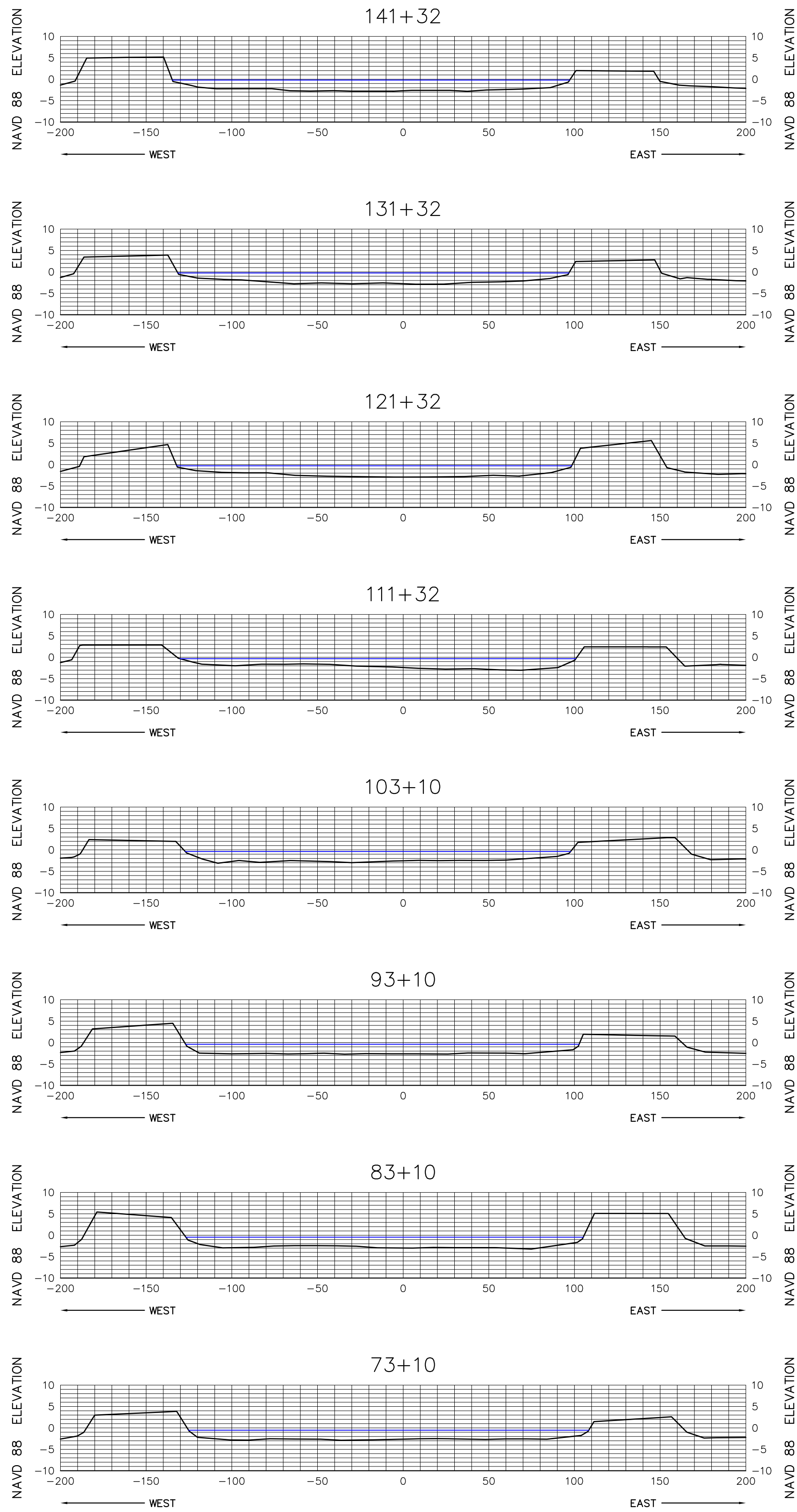
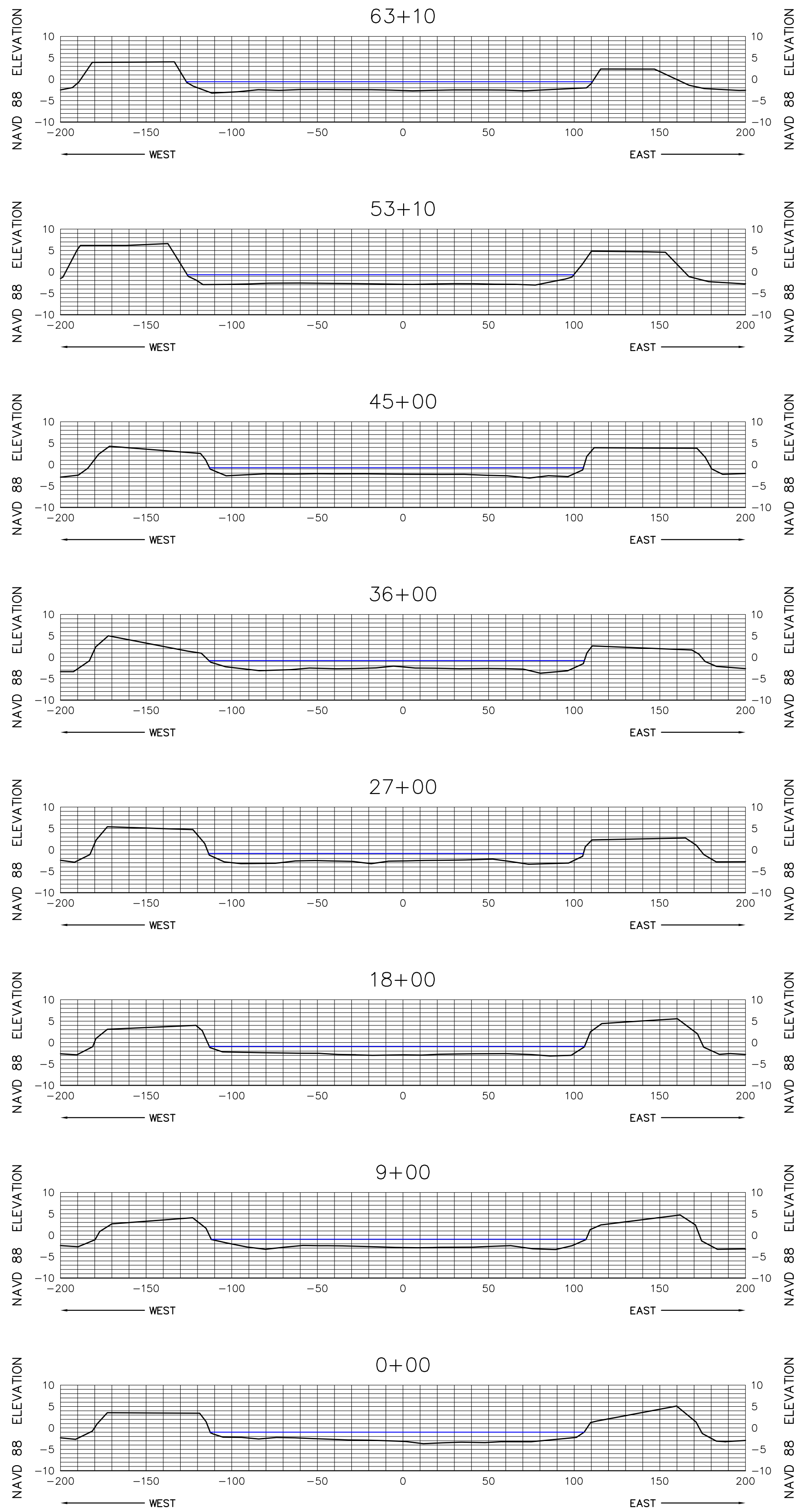
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 20W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92	
TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN	
				DATE 6/14/10	
DRAWN BY CAG	CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	SHEET 59 OF 78





SEE SHEET 1 FOR NOTES

**MORGAN & EKLUND, INC.**

PROFESSIONAL SURVEY CONSULTANTS

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
PHONE: (772) 388-5364  
FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

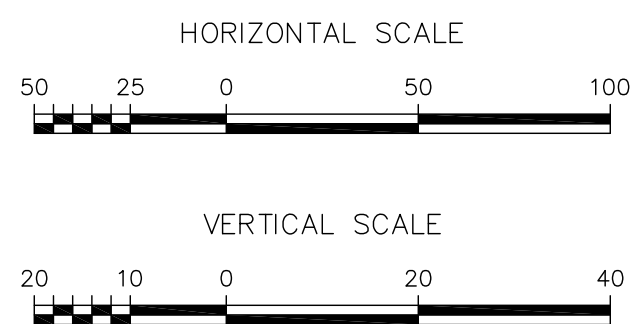
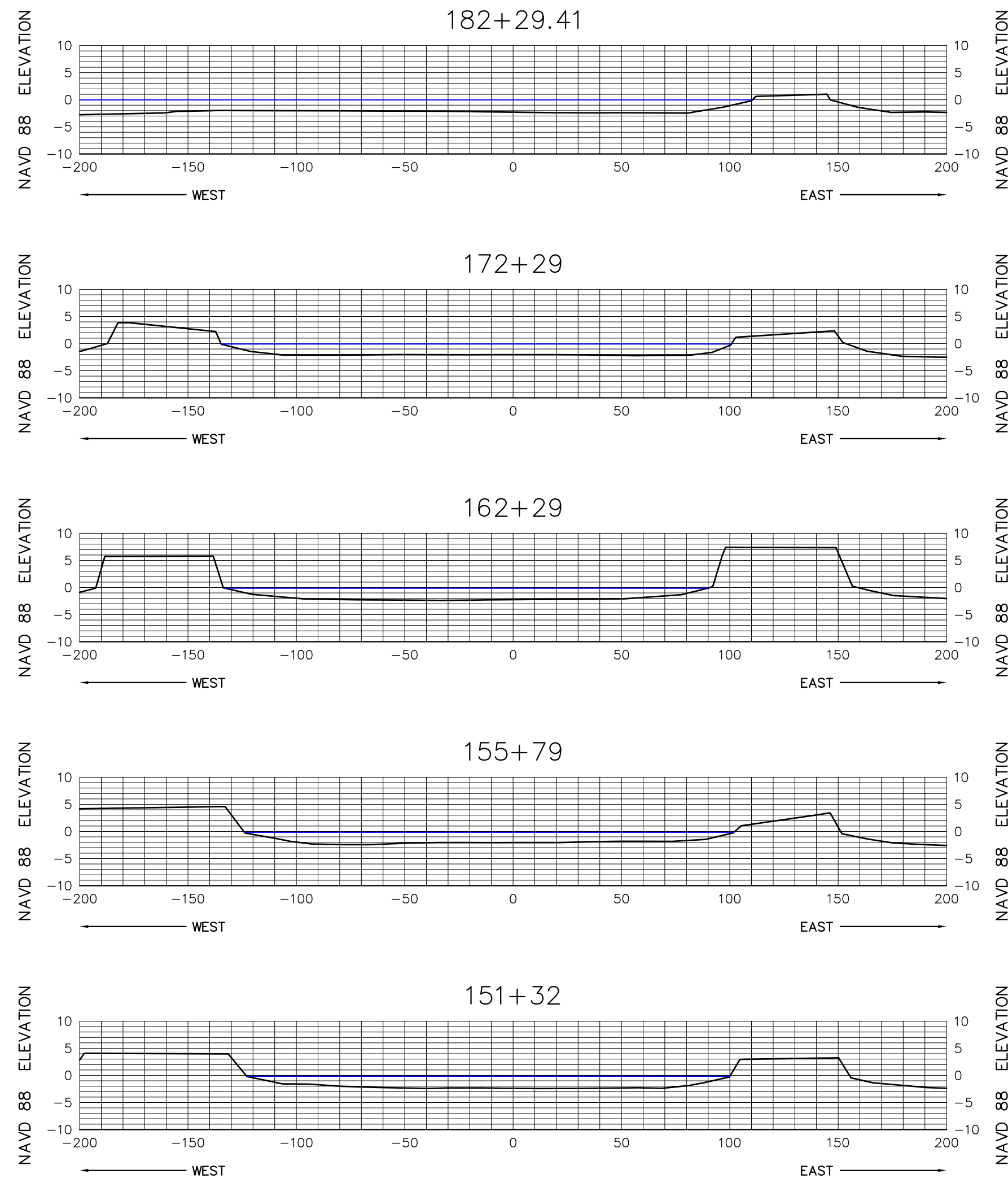
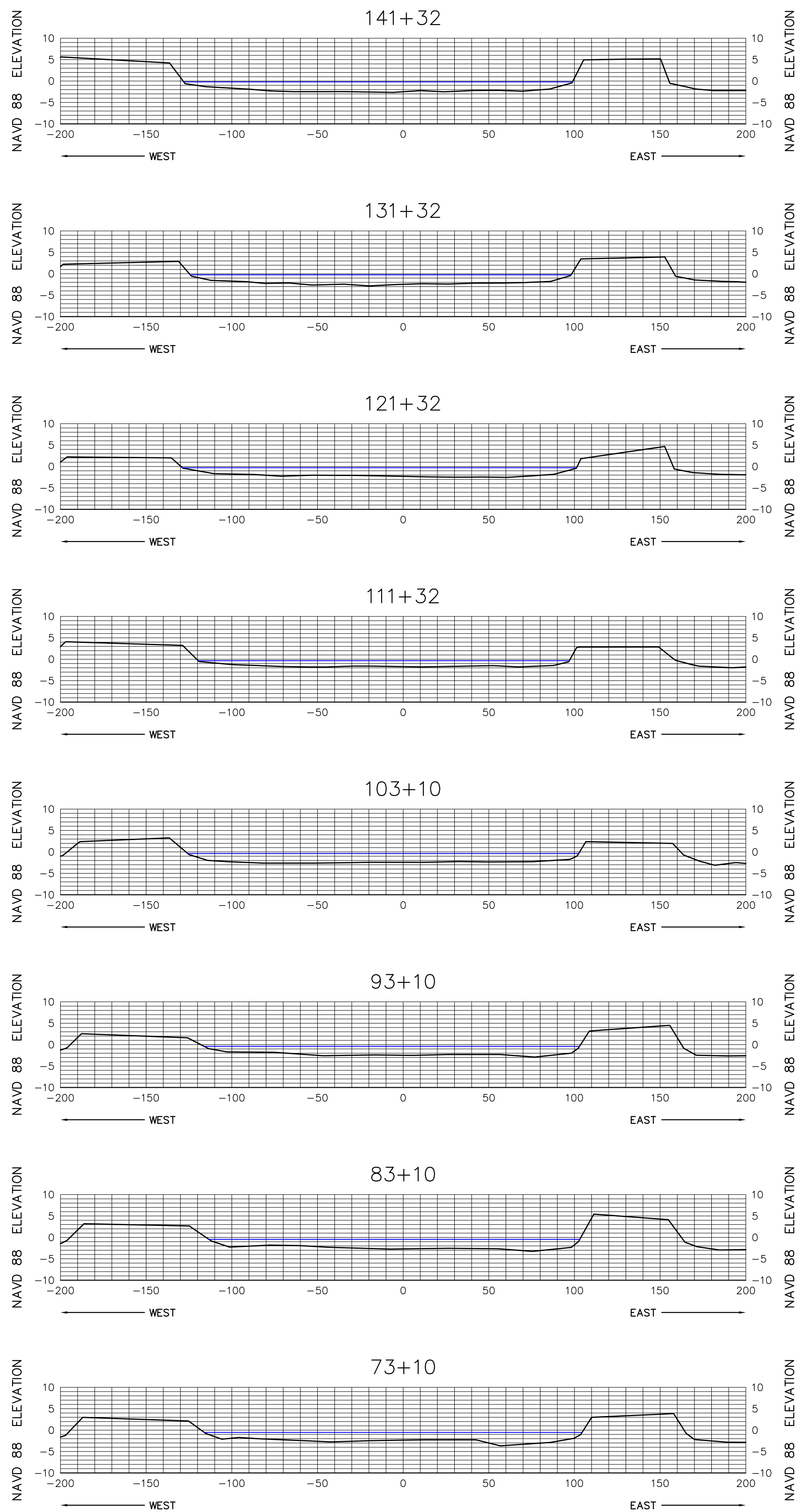
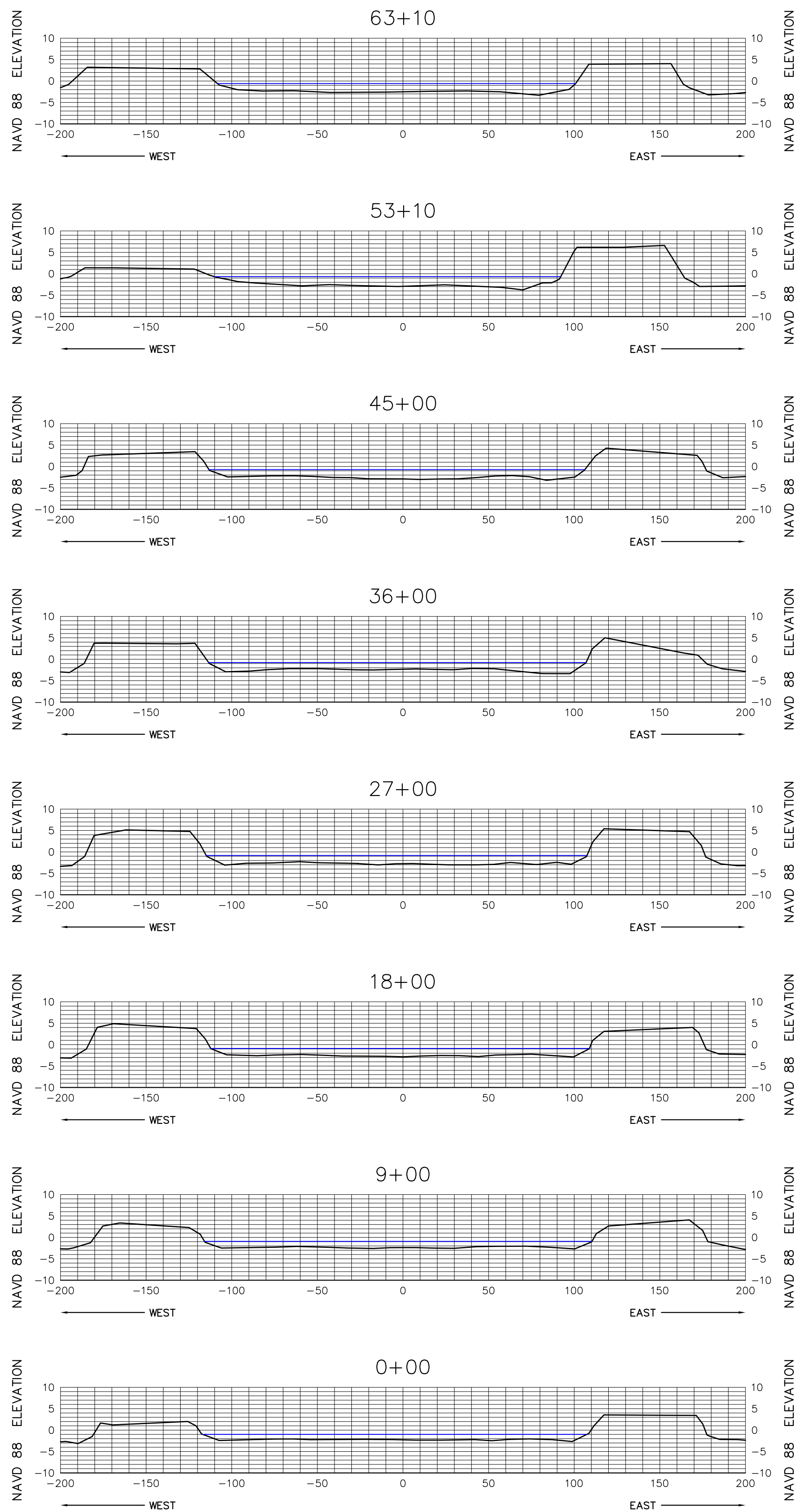
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 21W CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92	
TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN	
				DATE 6/14/10	
				SHEET 60 OF 78	
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**MORGAN & EKLUND, INC.**

**PROFESSIONAL SURVEY CONSULTANTS**

8745 US HIGHWAY #1  
P.O. BOX 701420  
WABASSO, FL 32970  
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FAX: (772) 388-3165

1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451

LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 22W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT**

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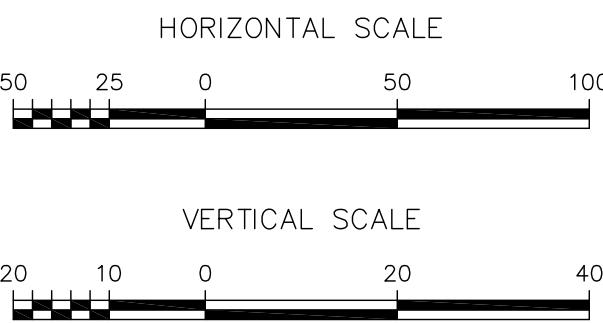
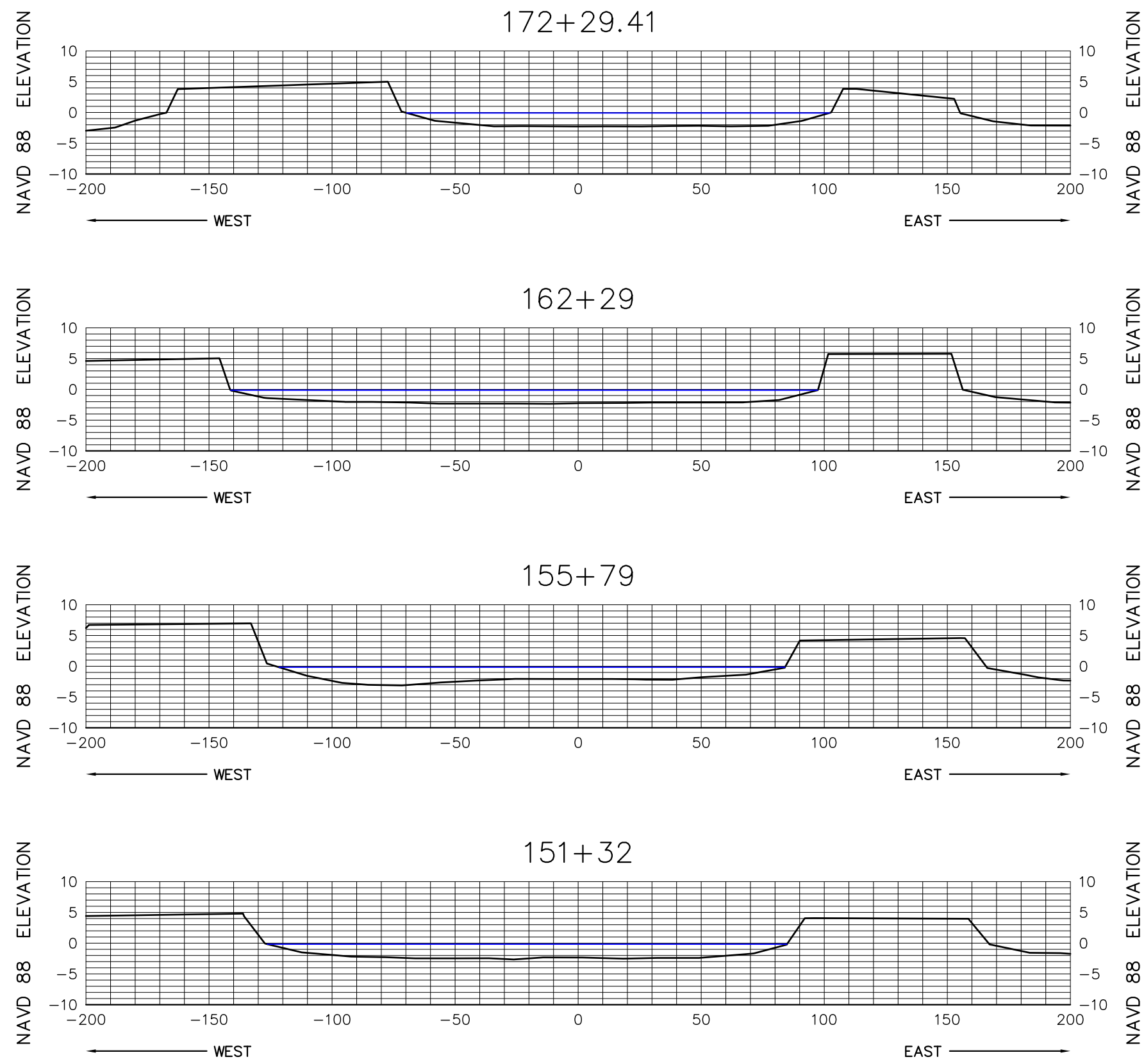
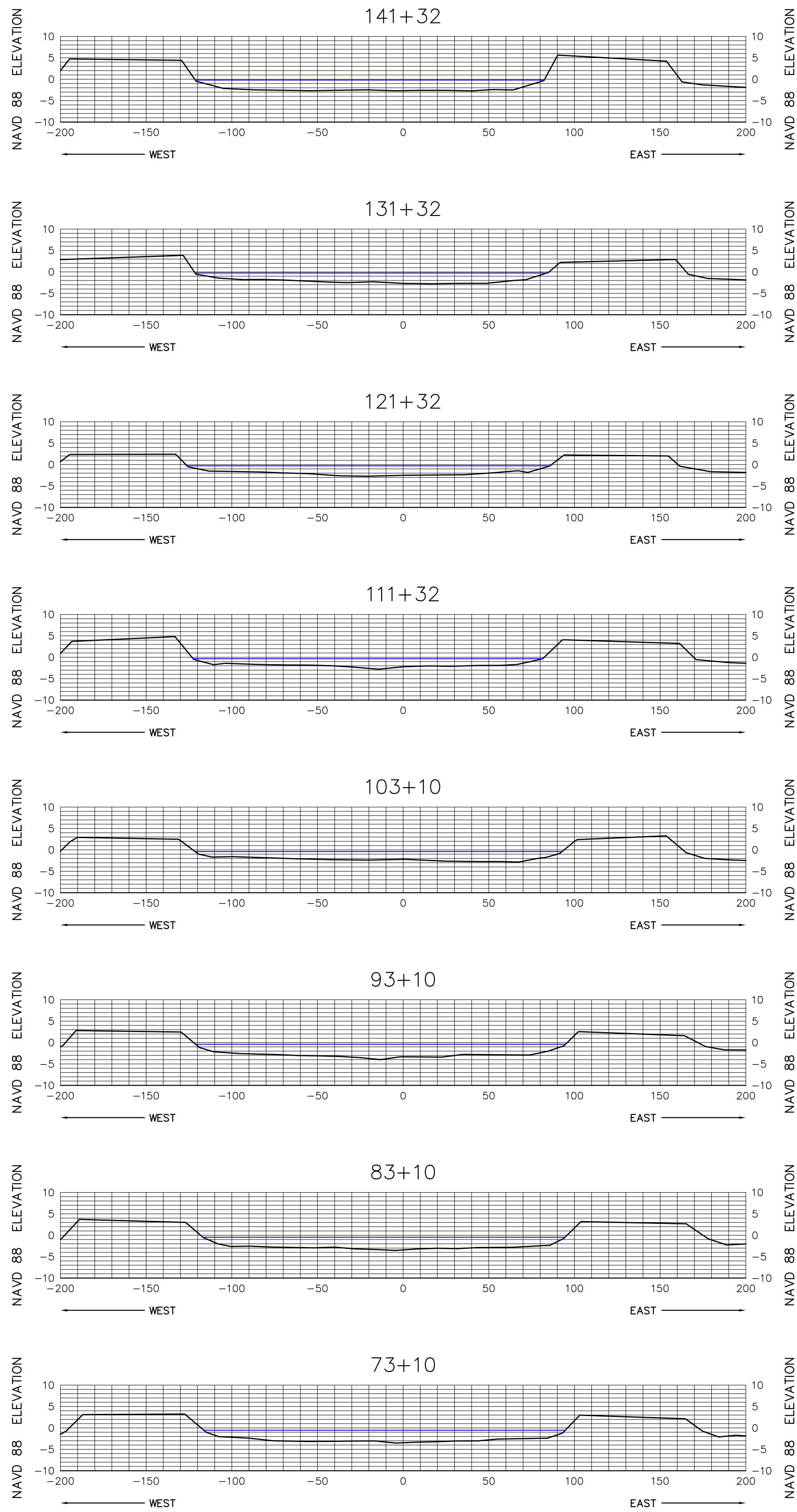
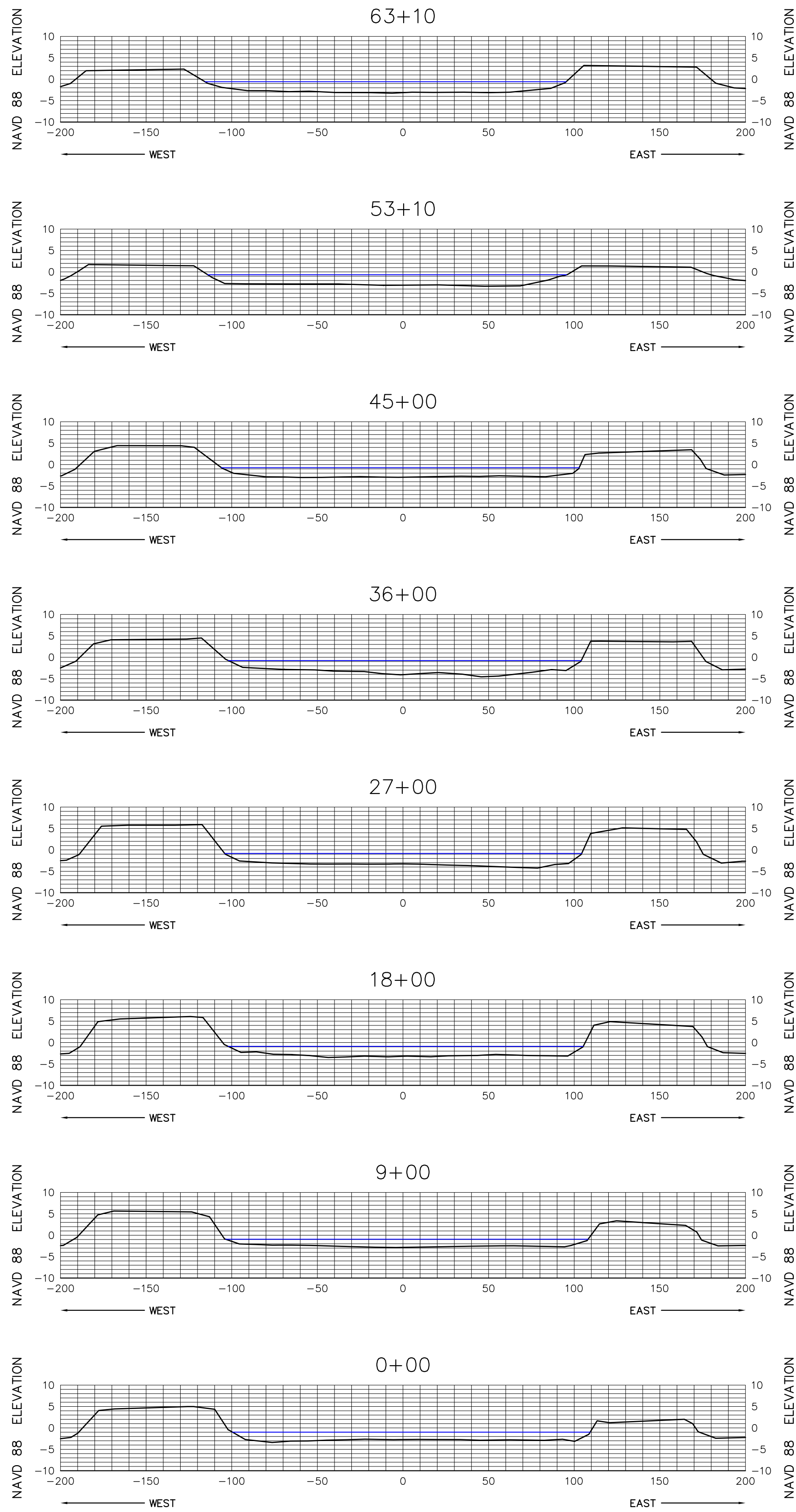
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SHEET 61 OF 78





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STATE OF FLORIDA

**CANAL 23W CROSS SECTION VIEW (NAVD 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY**  
**TURKEY POINT COOLING CANALS**  
**MIAMI-DADE COUNTY, FLORIDA**  
**- FOR -**  
**FLORIDA POWER AND LIGHT**

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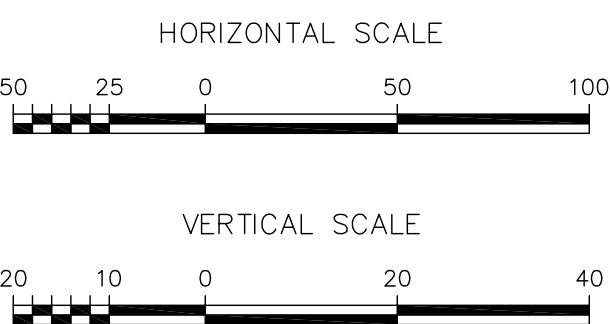
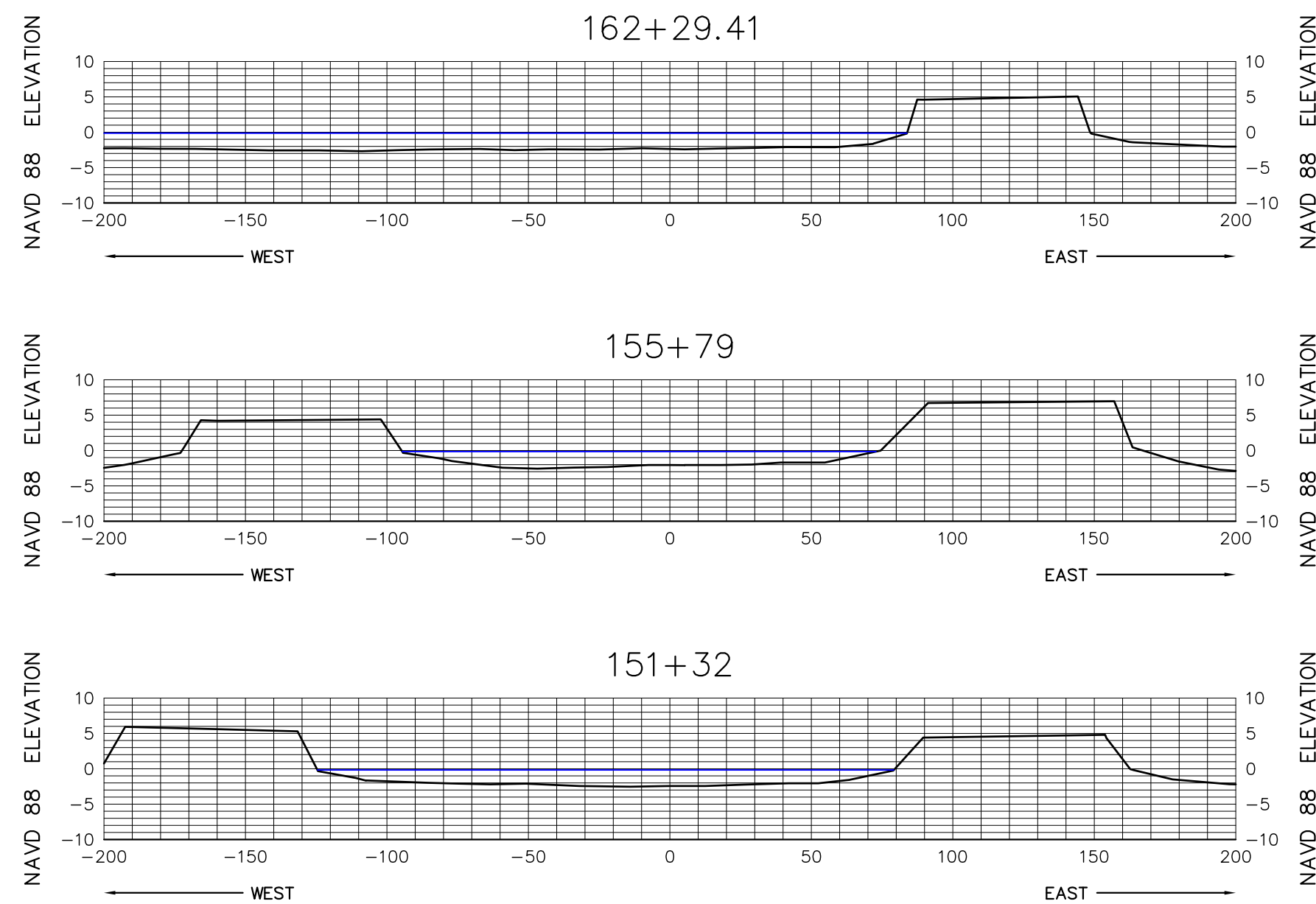
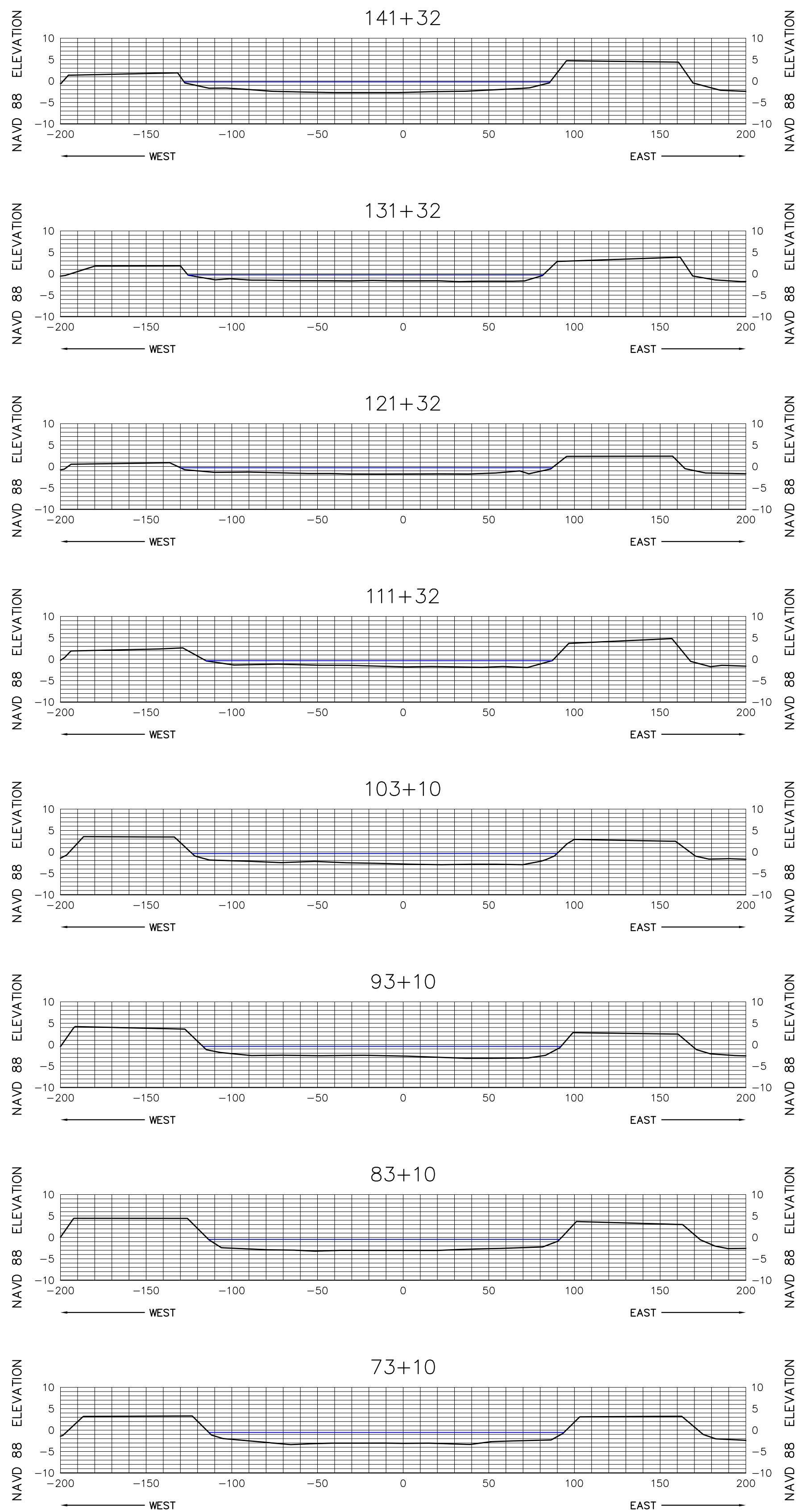
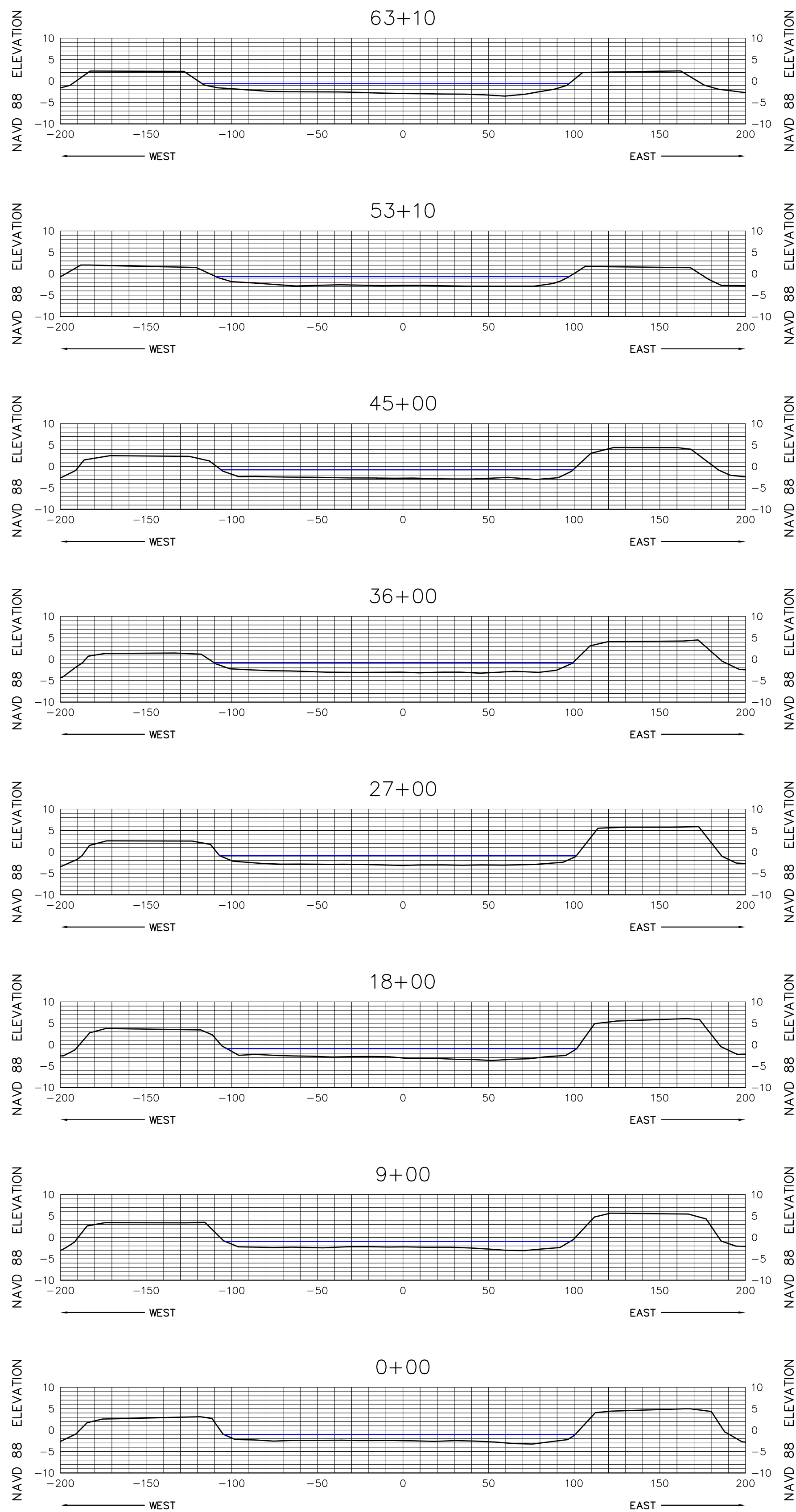
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SHEET 62 OF 78





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PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 24W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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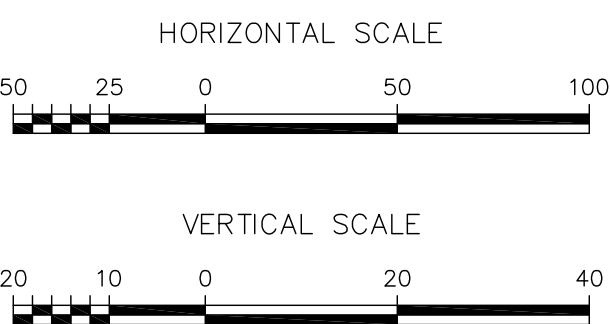
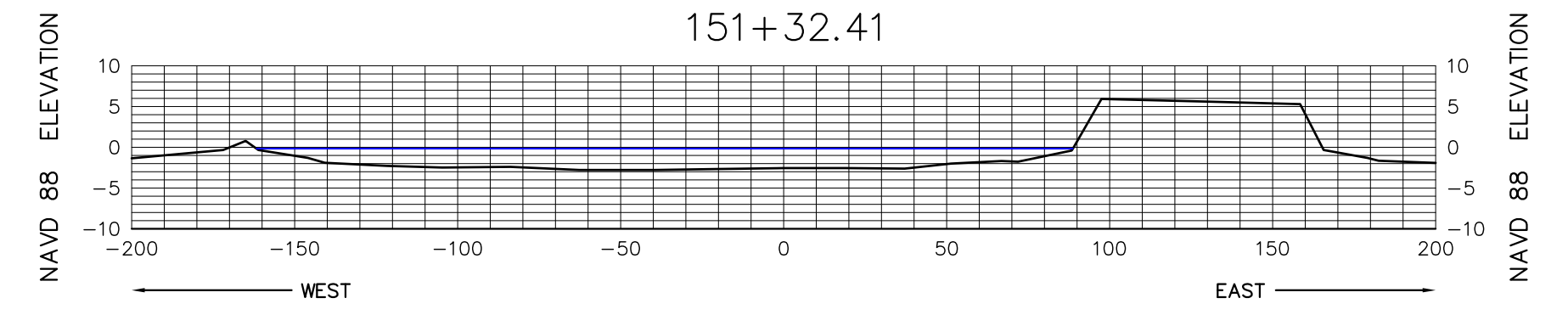
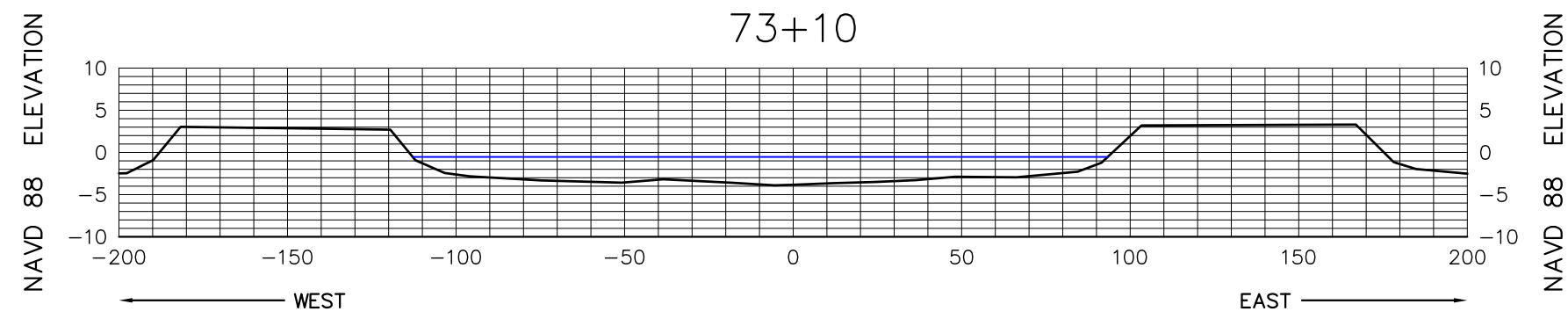
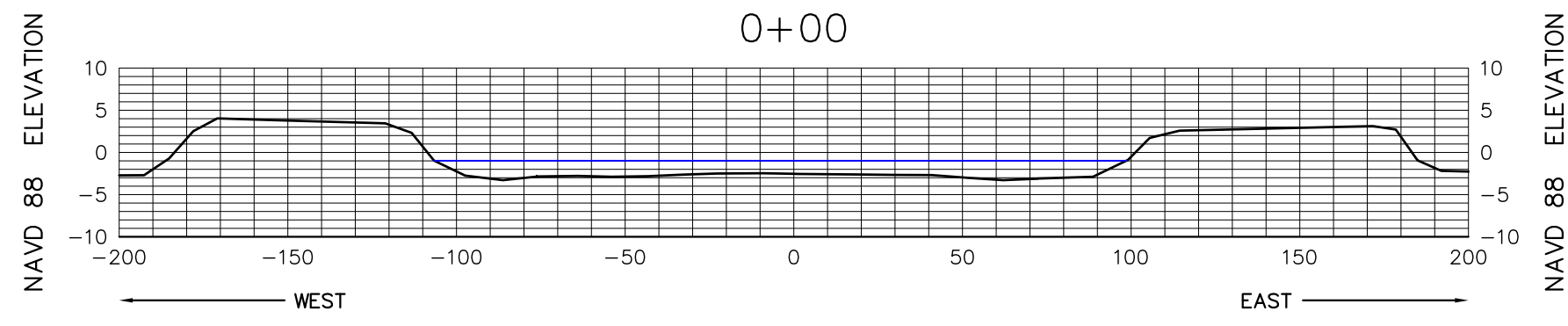
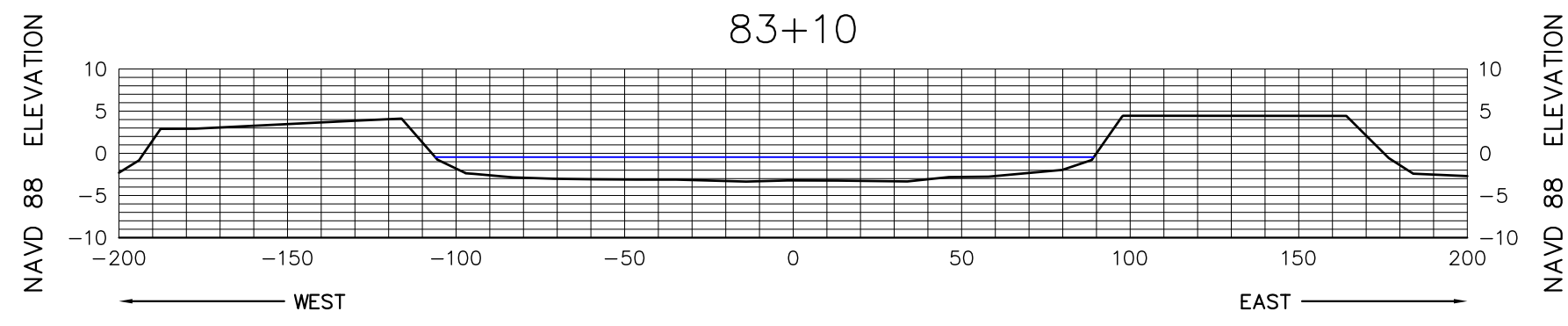
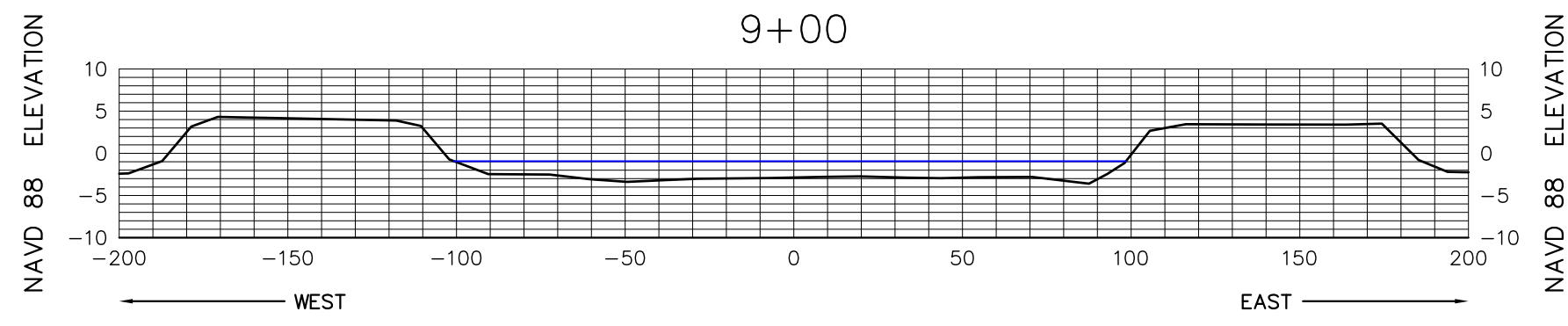
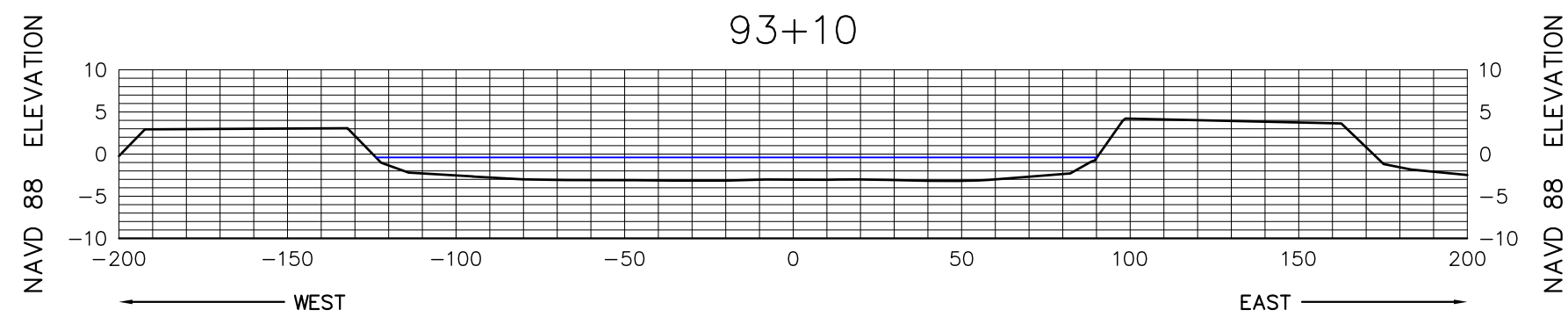
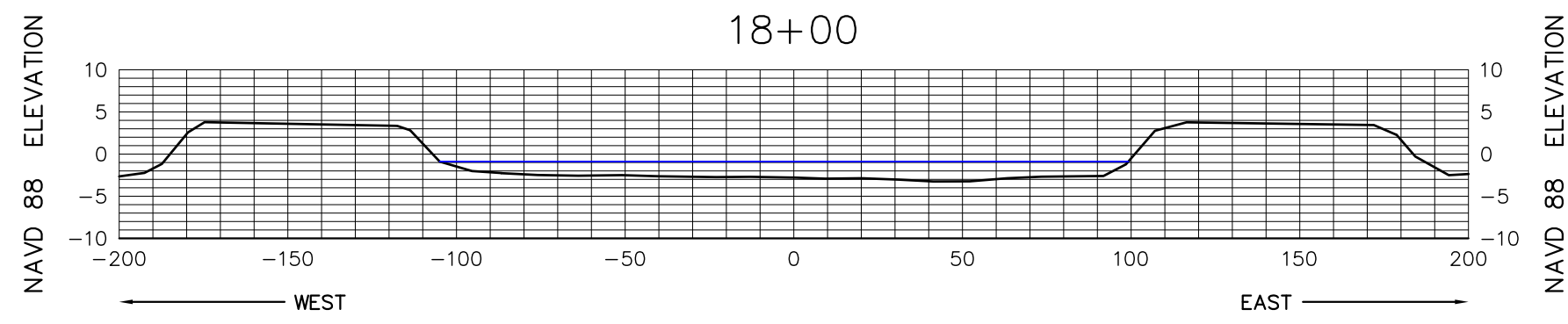
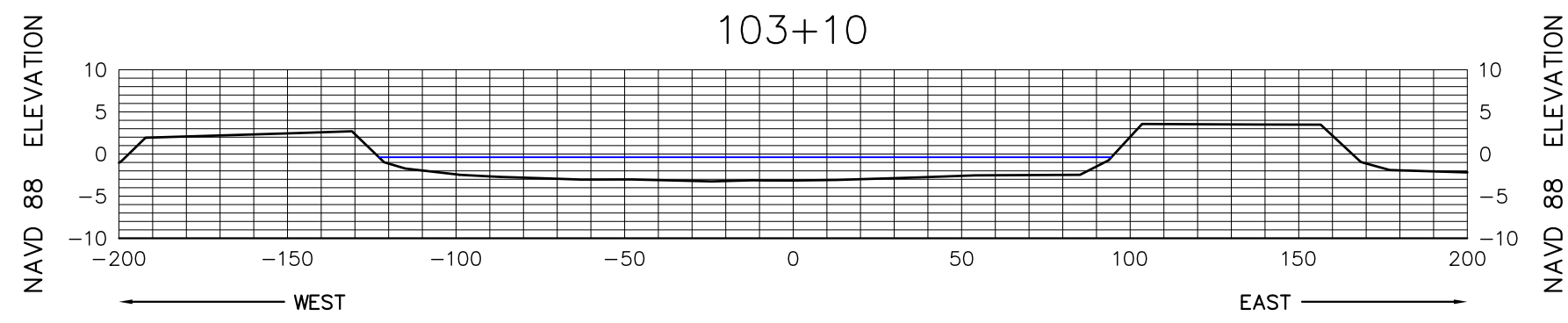
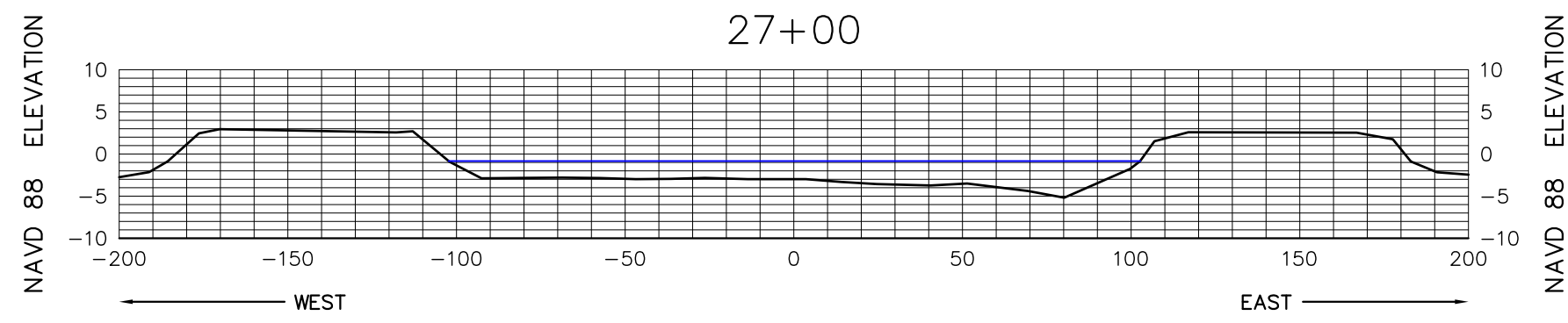
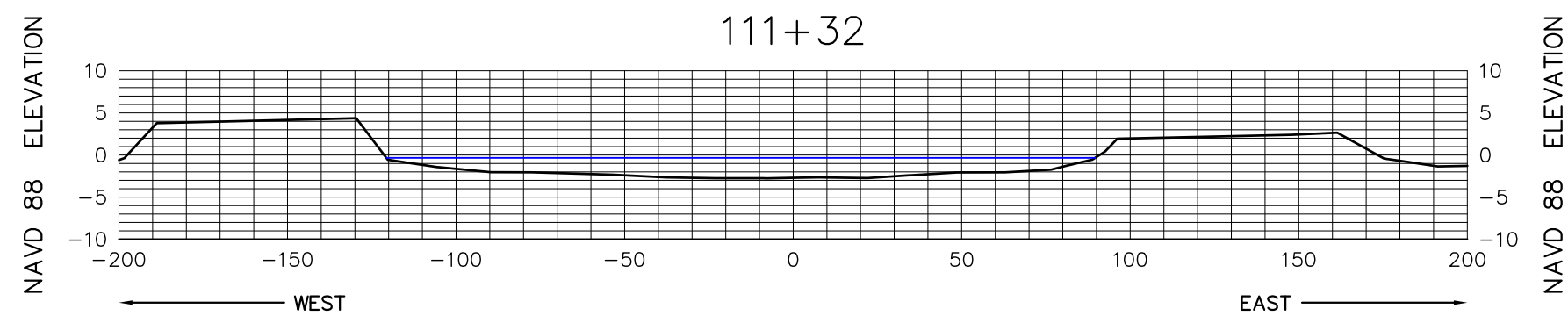
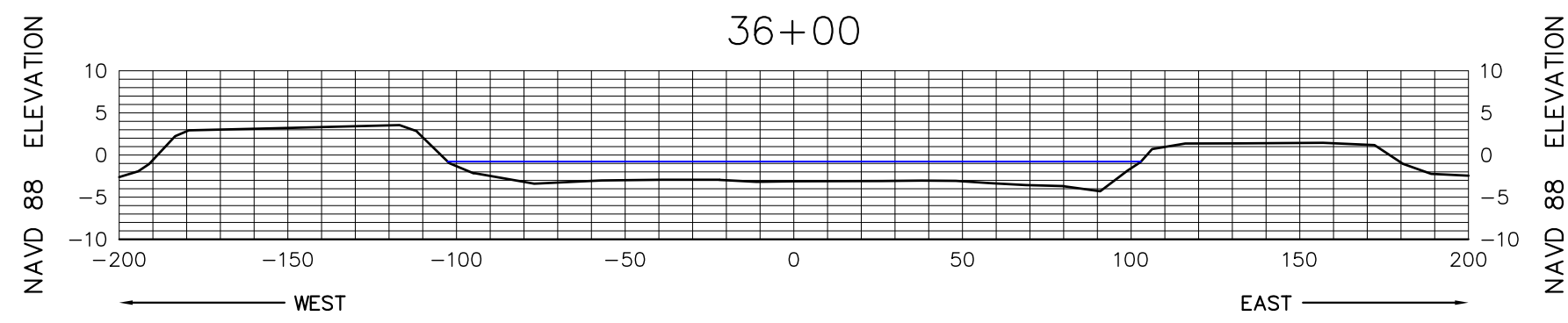
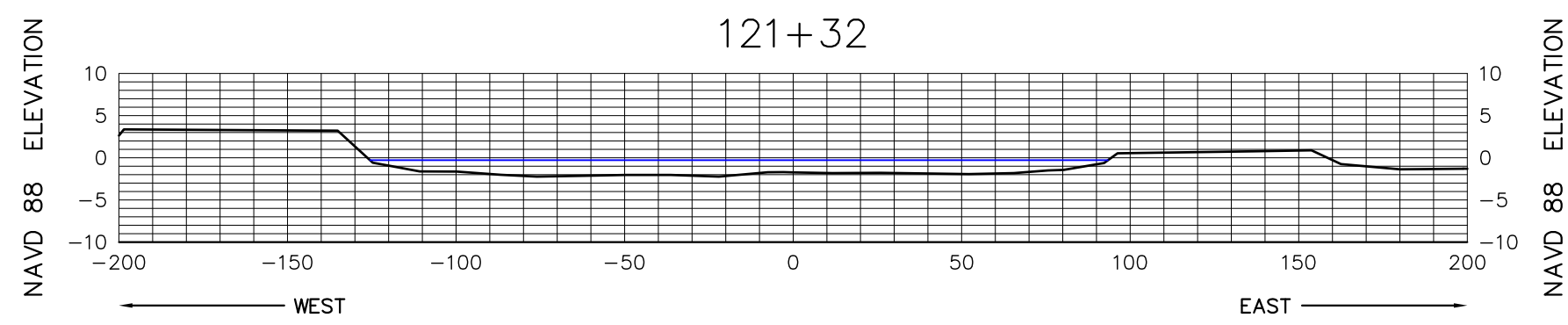
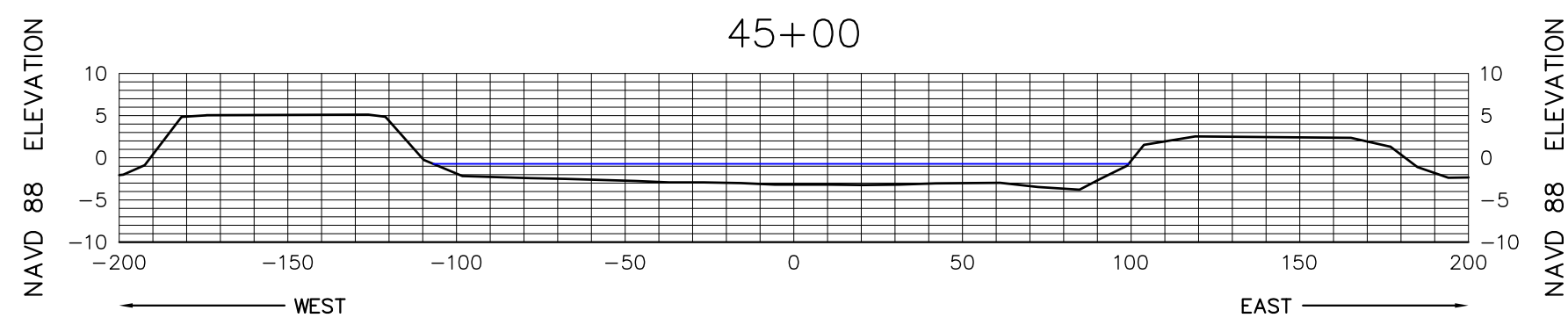
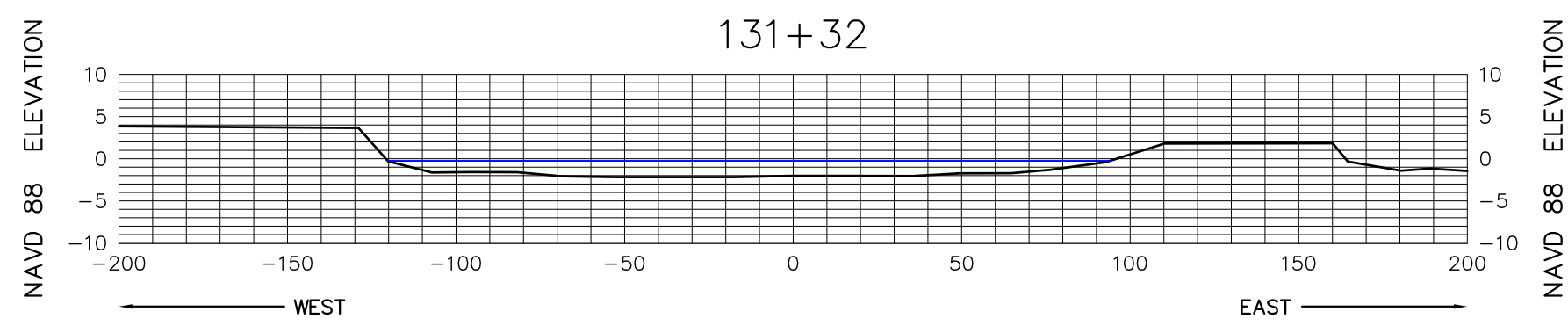
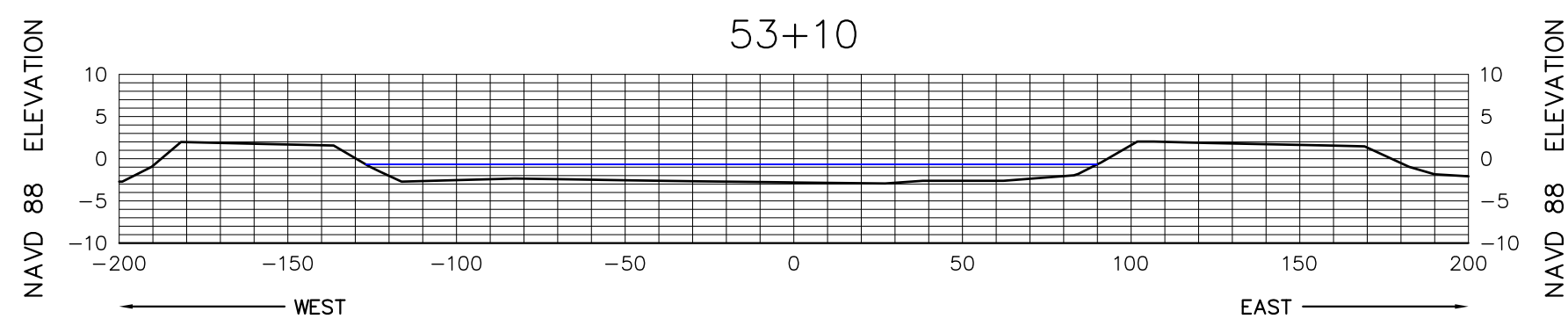
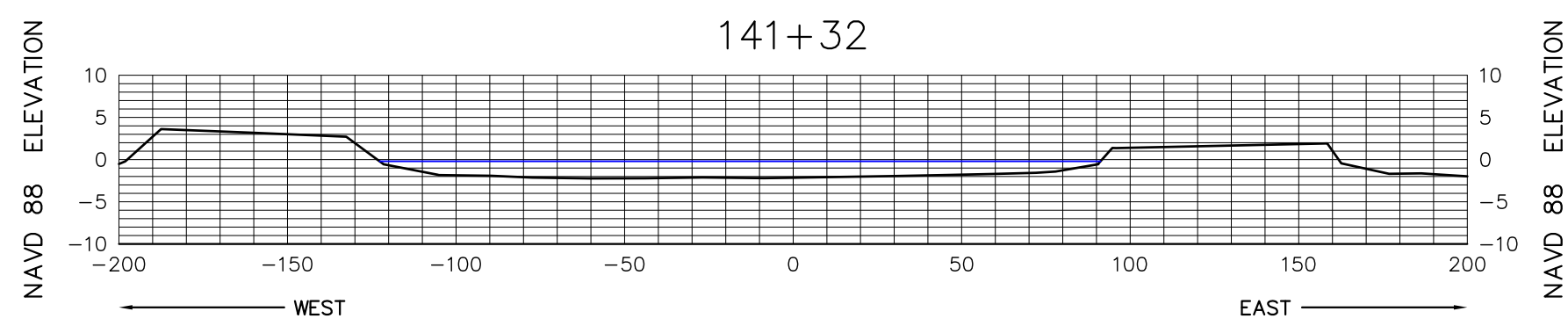
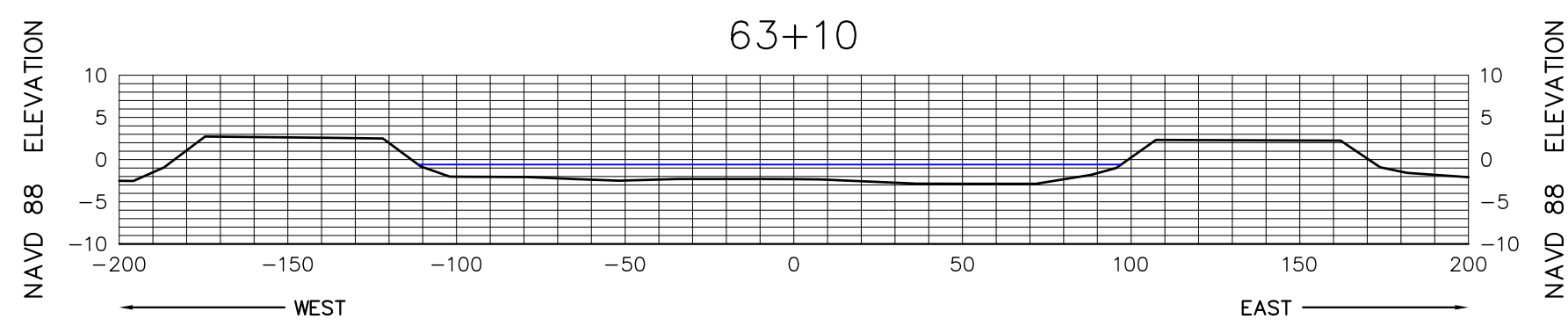
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SHEET 63 OF 78





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**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
8745 US HIGHWAY #1  
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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 25W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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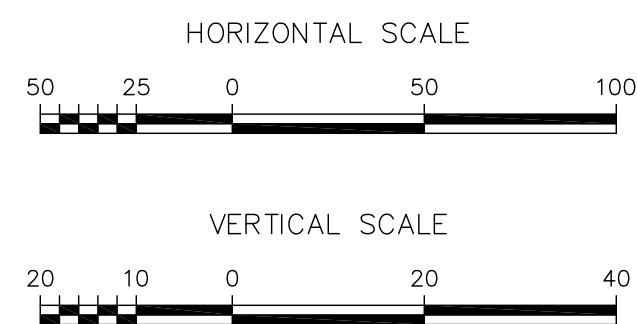
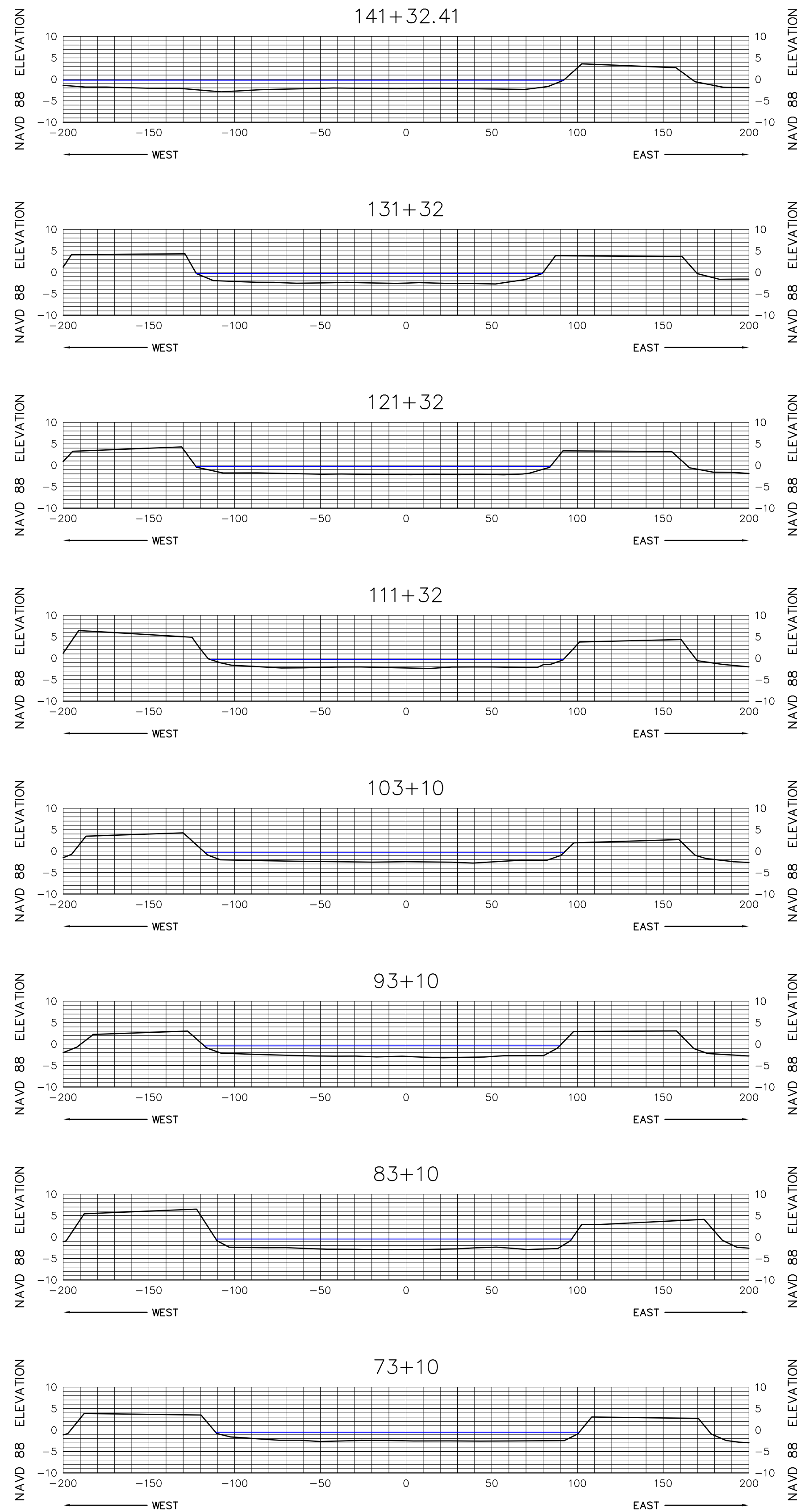
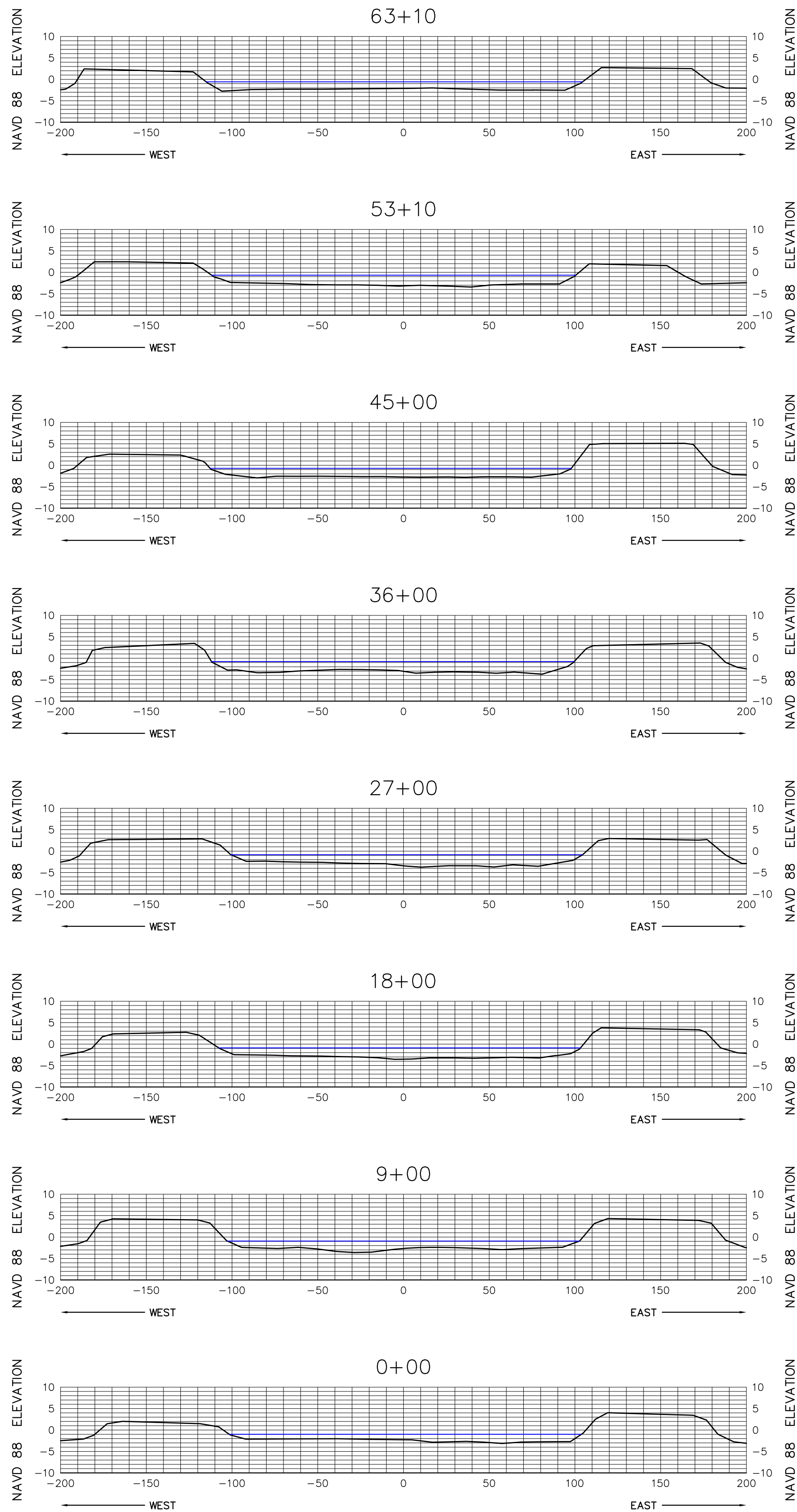
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SHEET 64 OF 78





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STATE OF FLORIDA

CANAL 26W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
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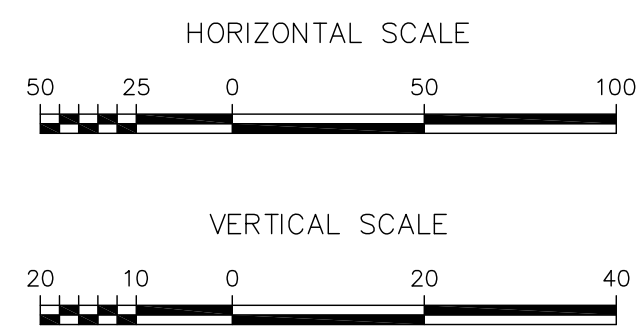
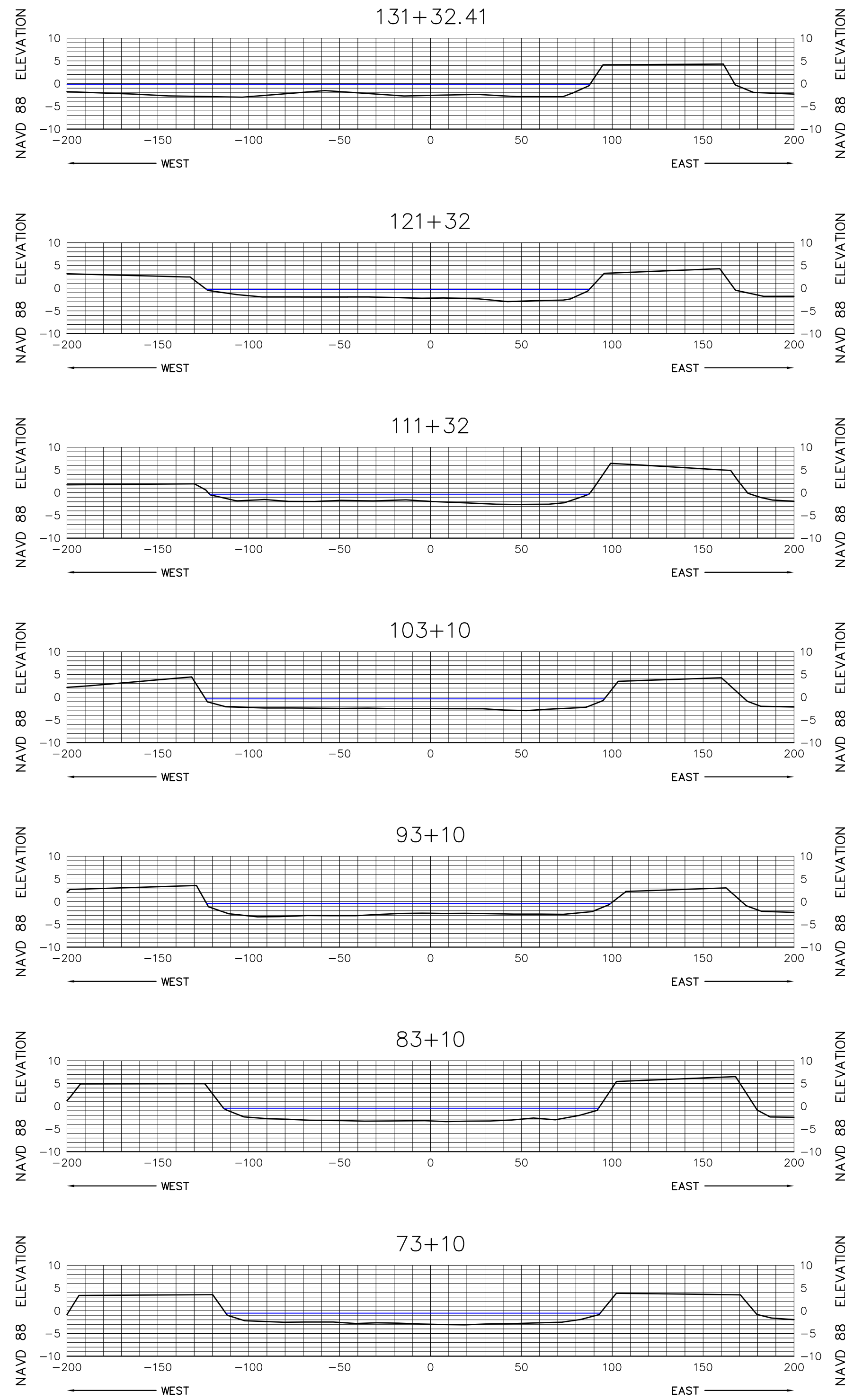
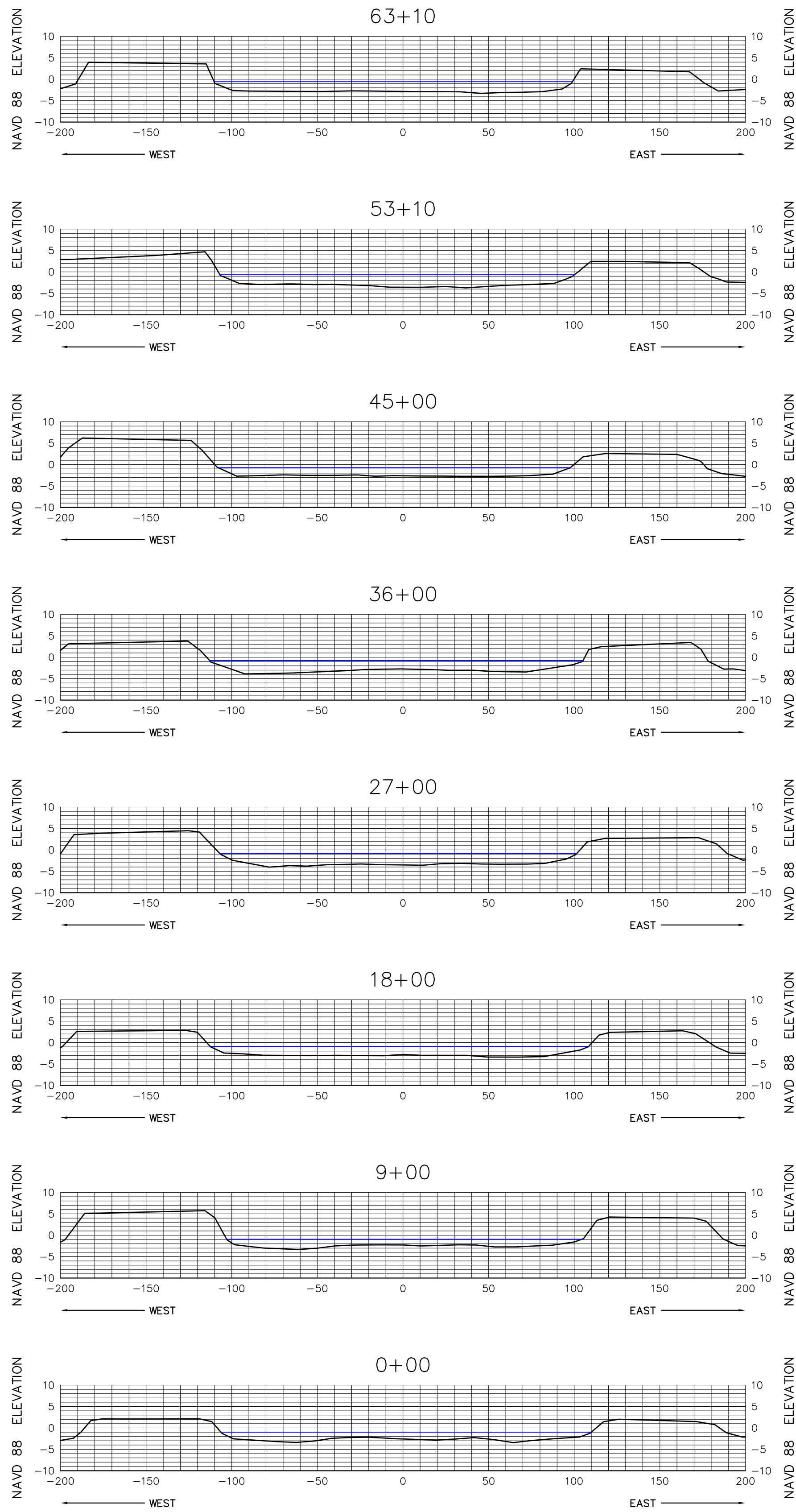
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STATE OF FLORIDA

CANAL 27W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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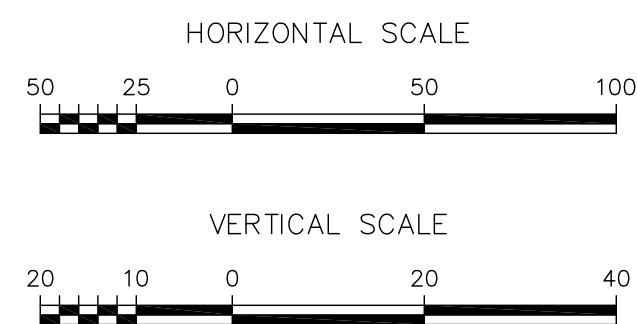
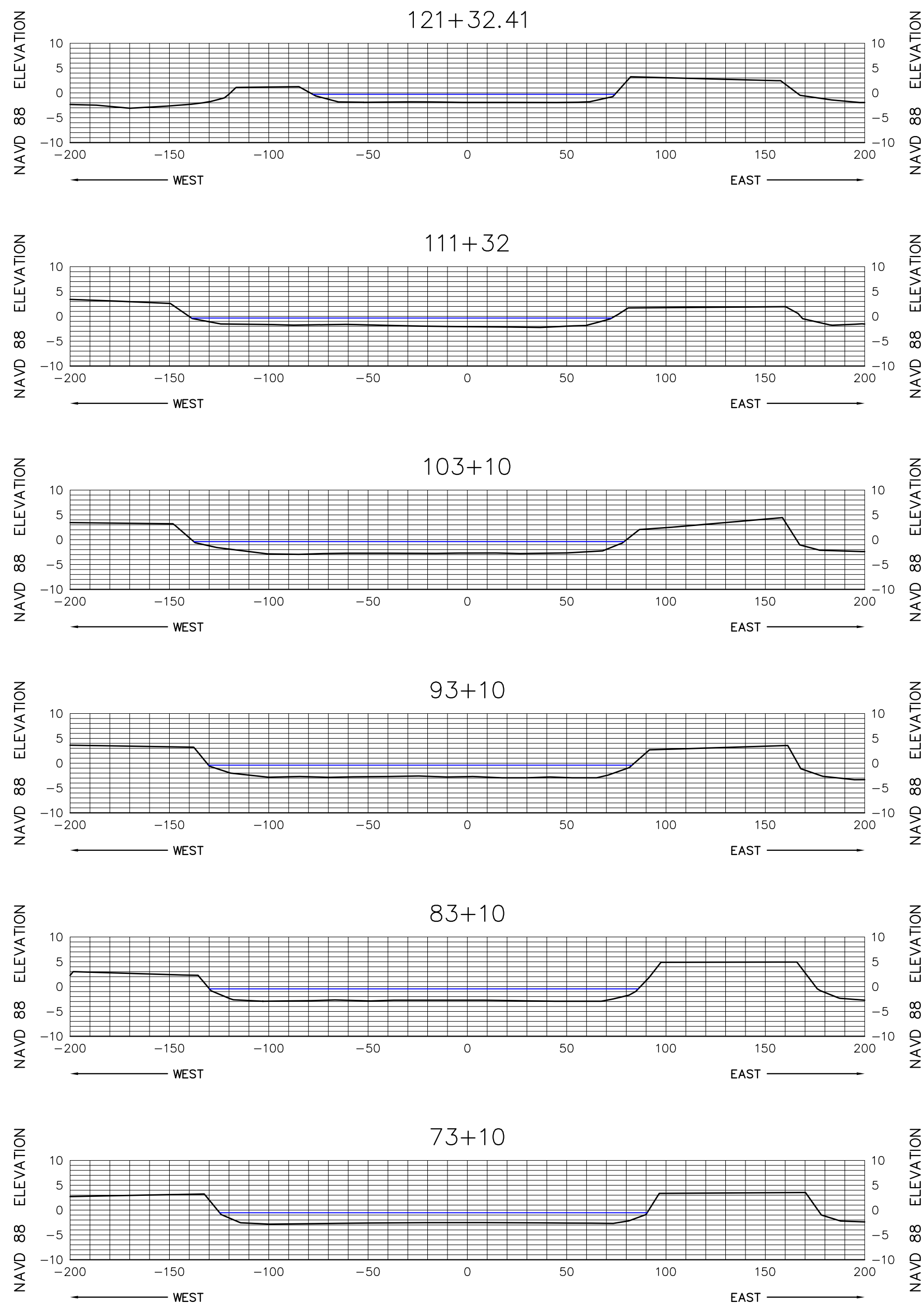
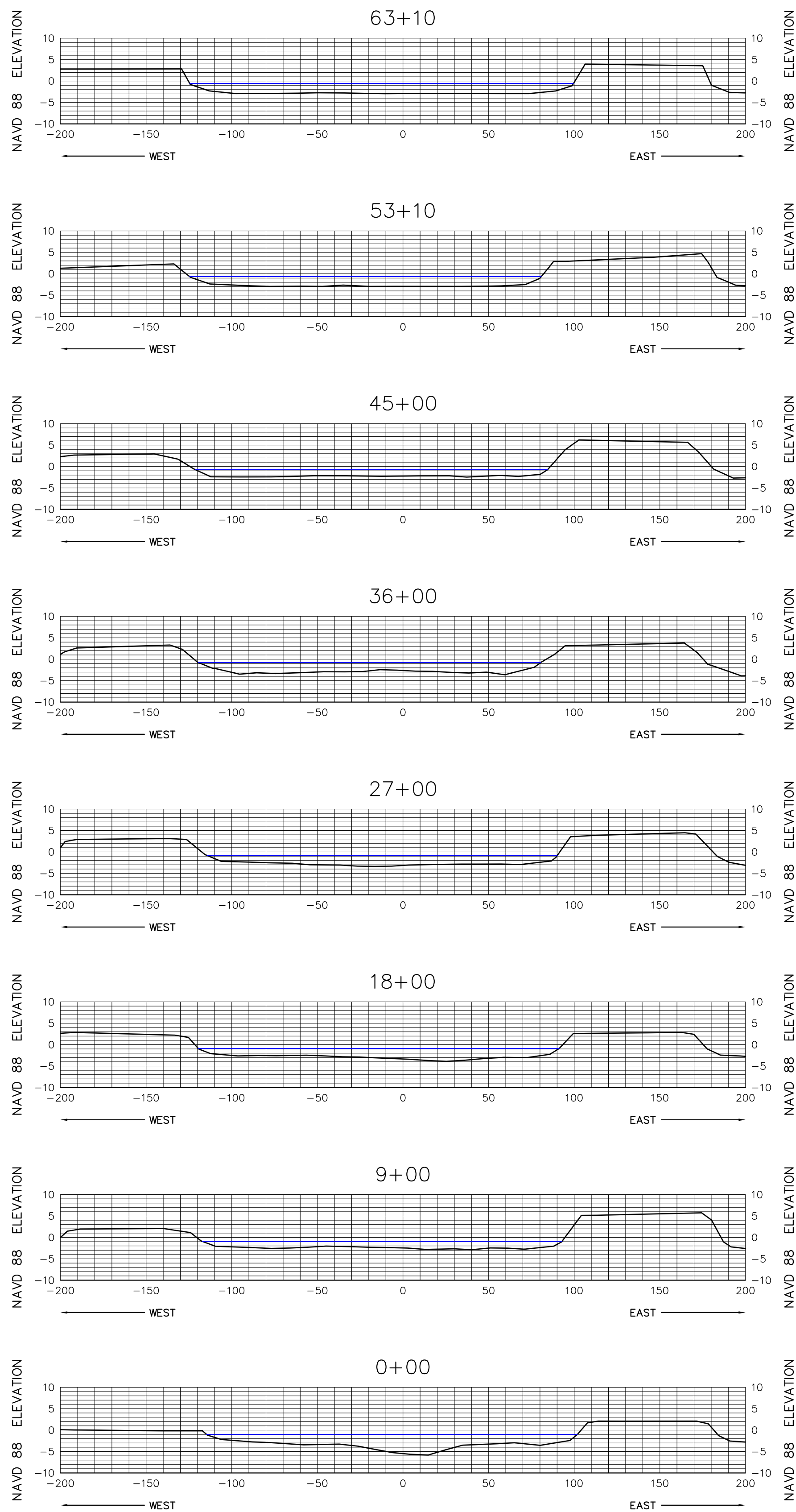
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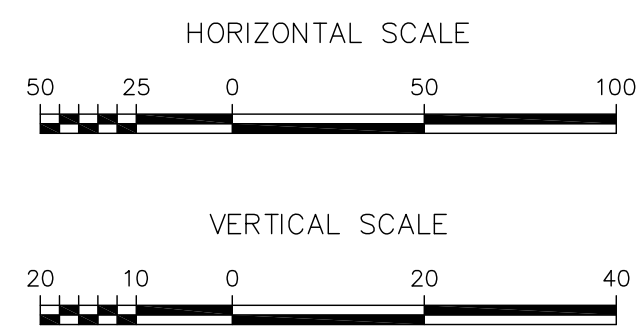
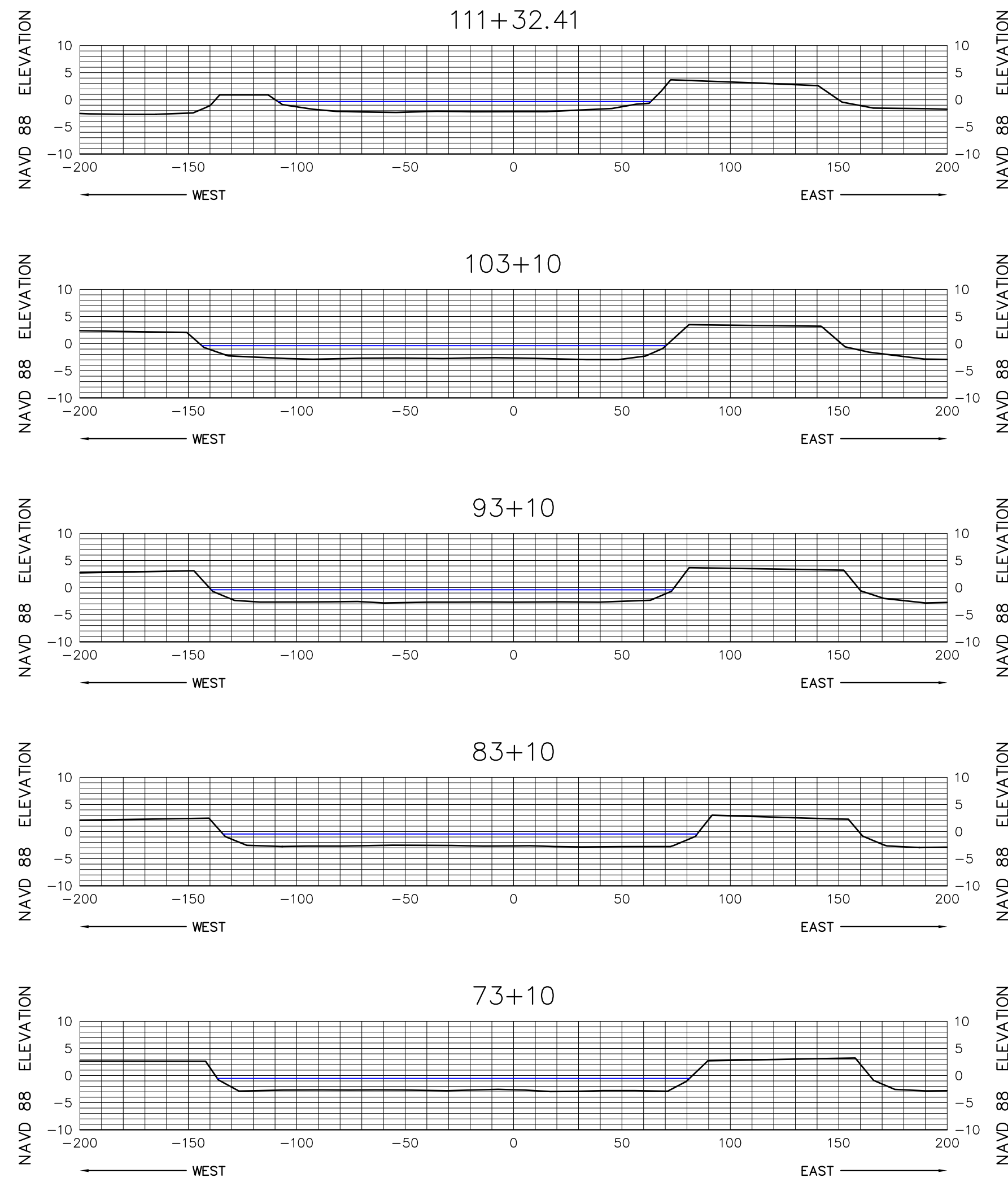
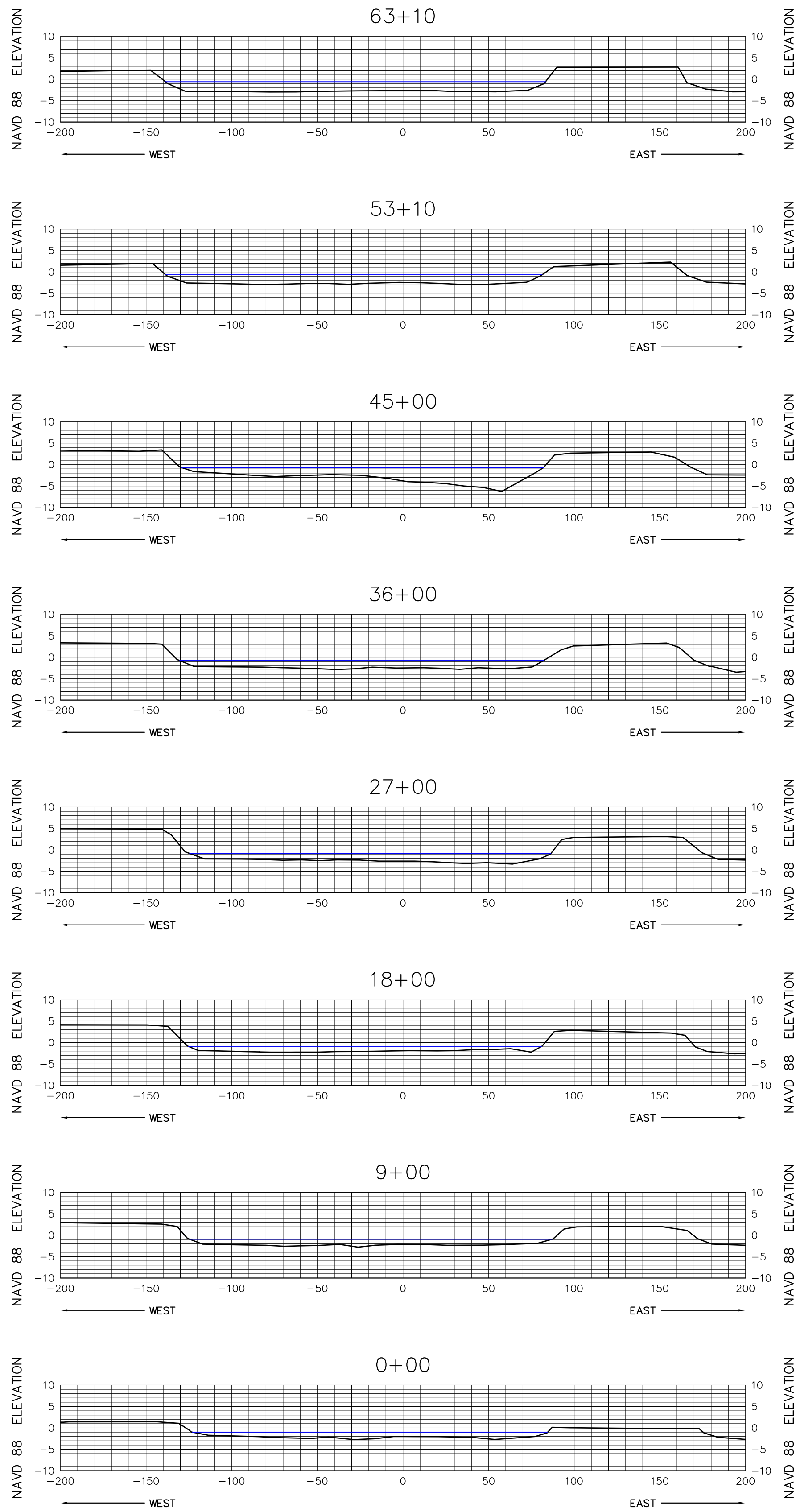
JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 28W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

COMMISSION NO. 5009.92	SCALE AS SHOWN	DATE 6/14/10
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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 29W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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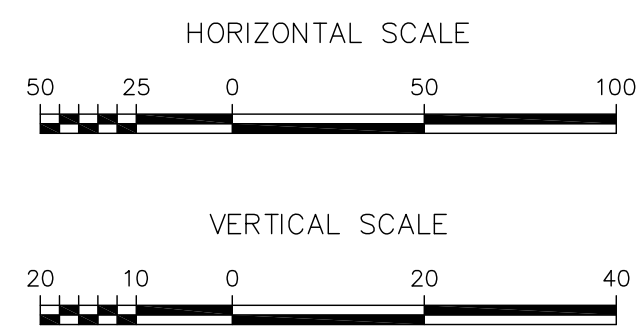
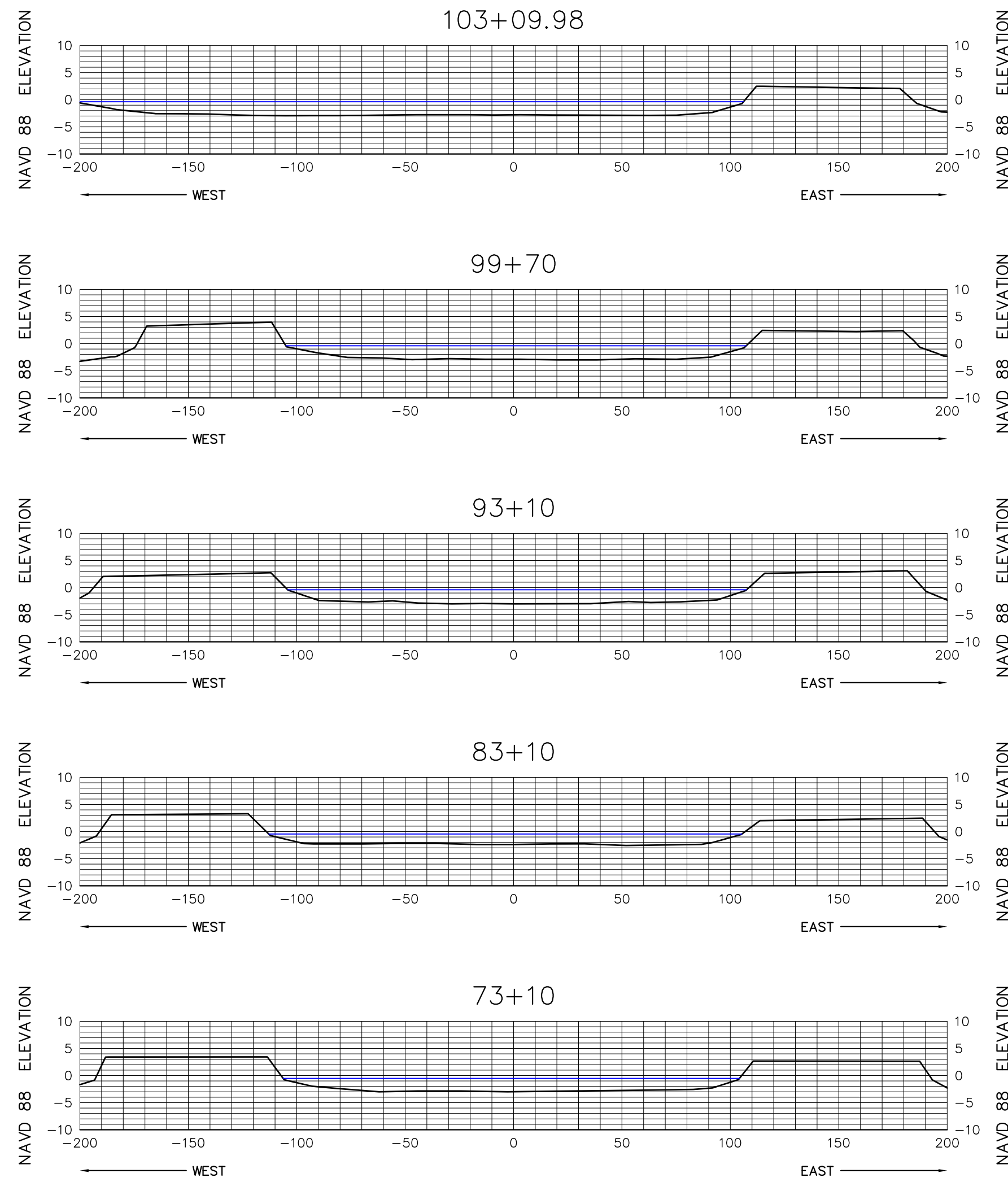
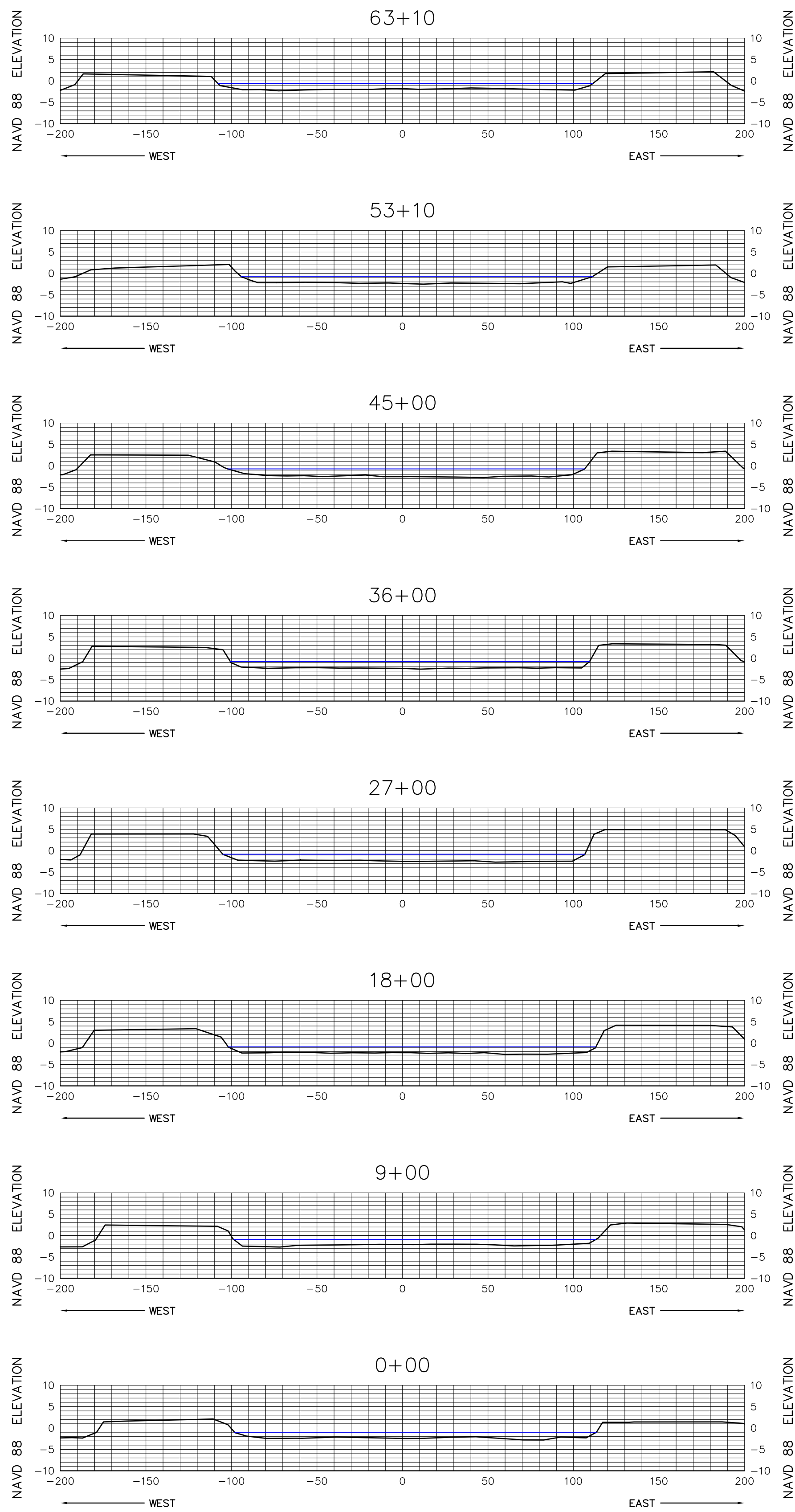
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SHEET 68 OF 78





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STATE OF FLORIDA

CANAL 30W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
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- FOR -  
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6/2/10

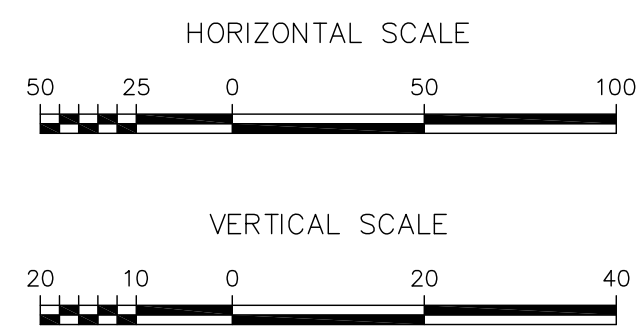
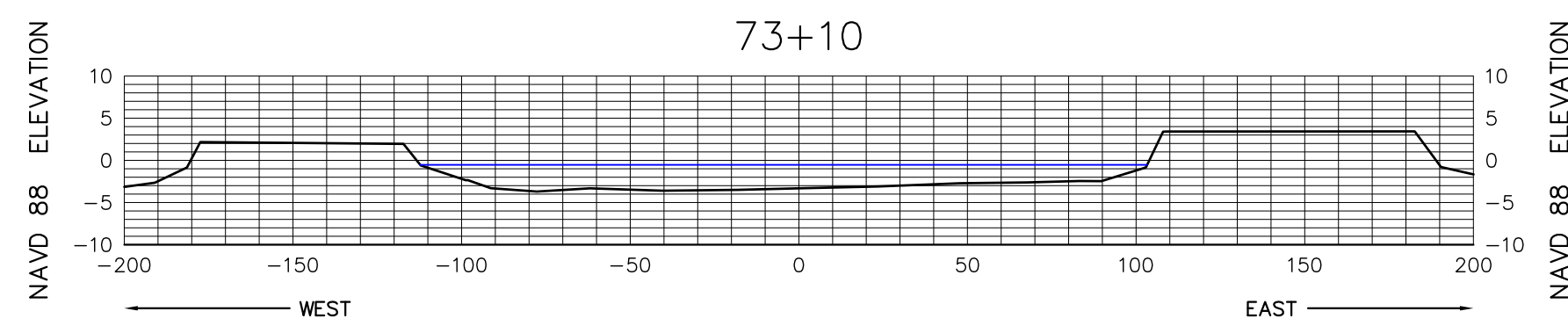
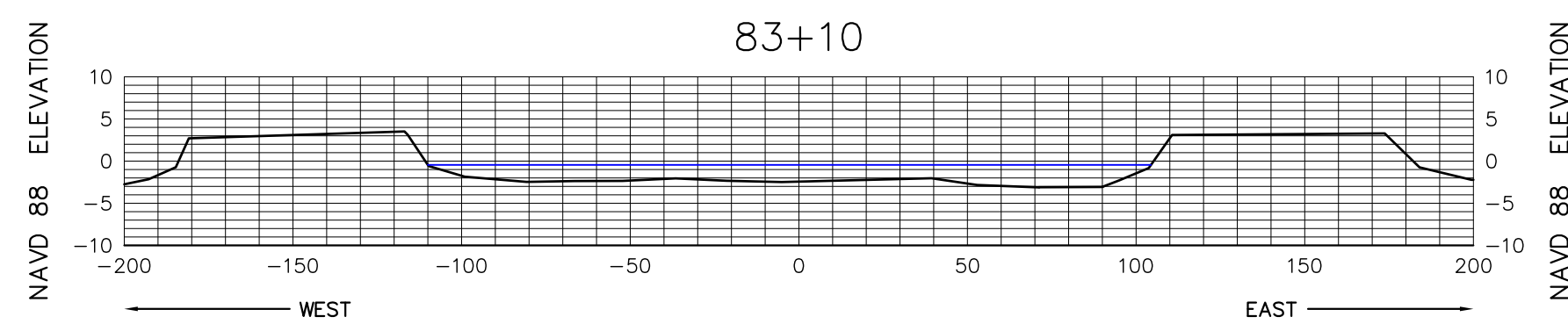
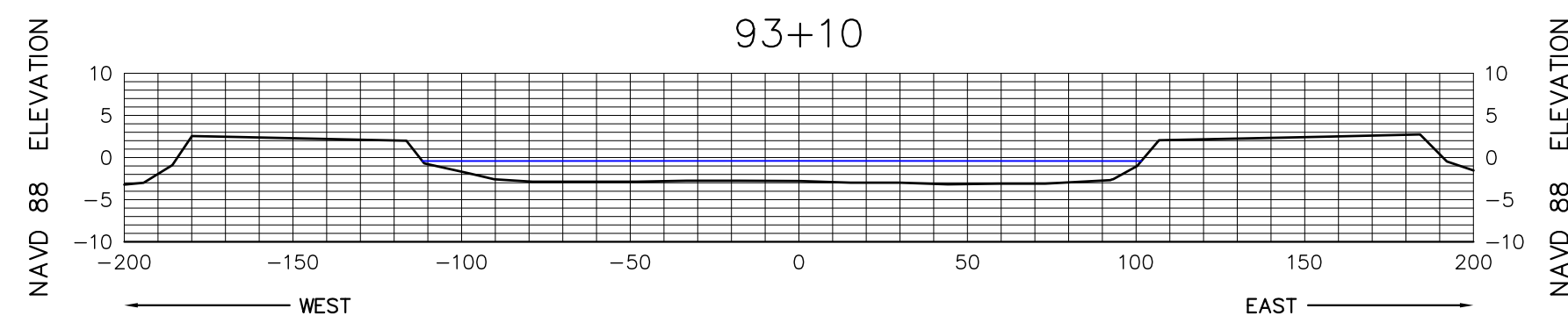
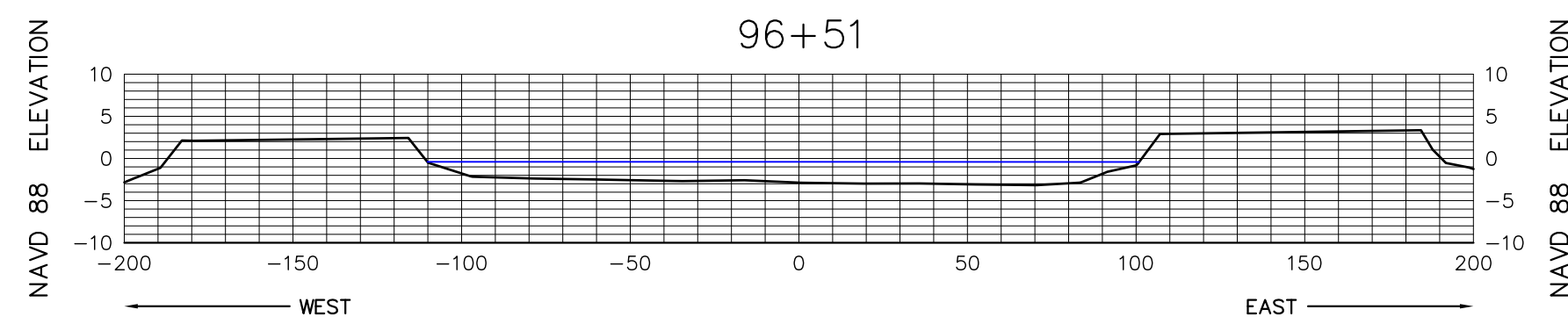
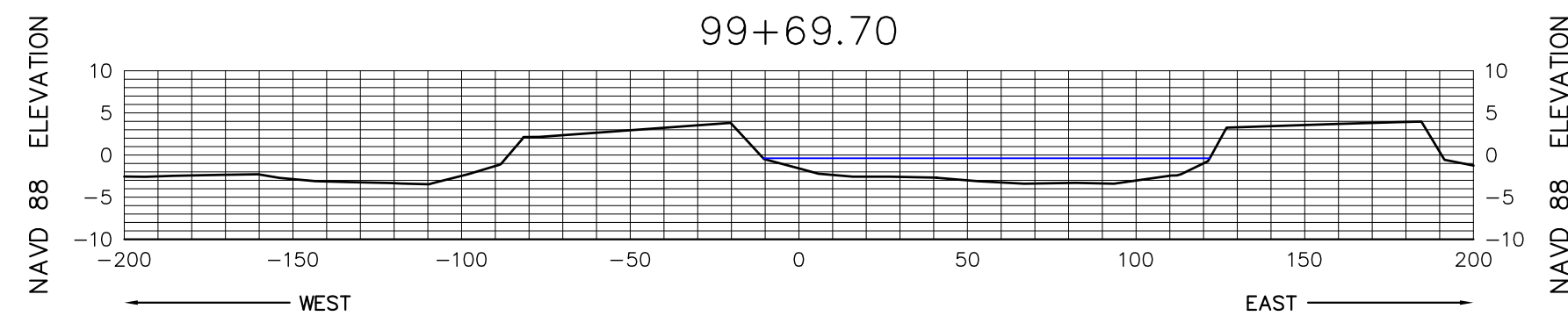
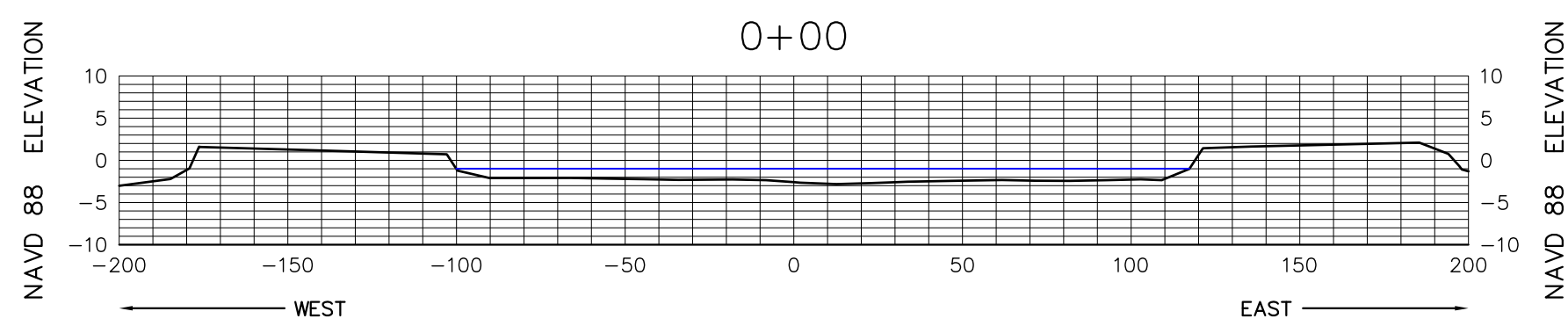
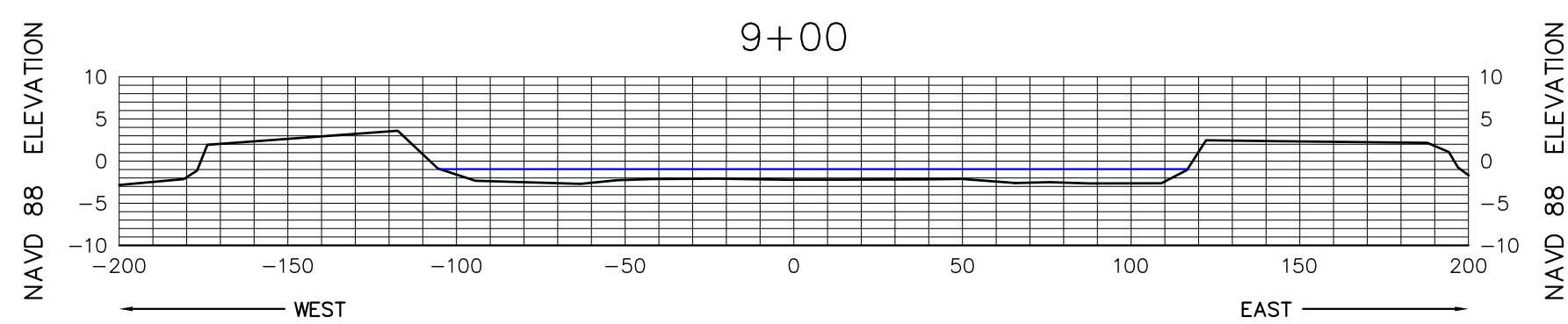
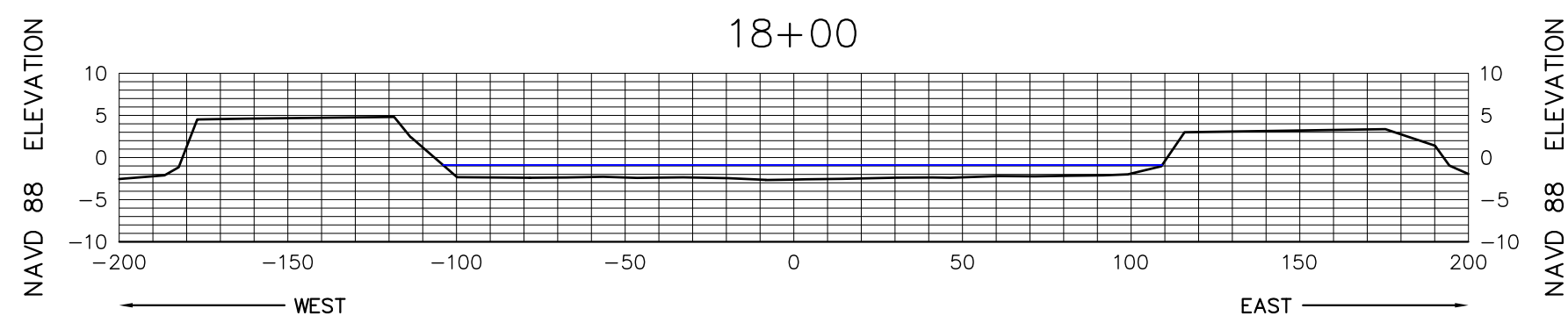
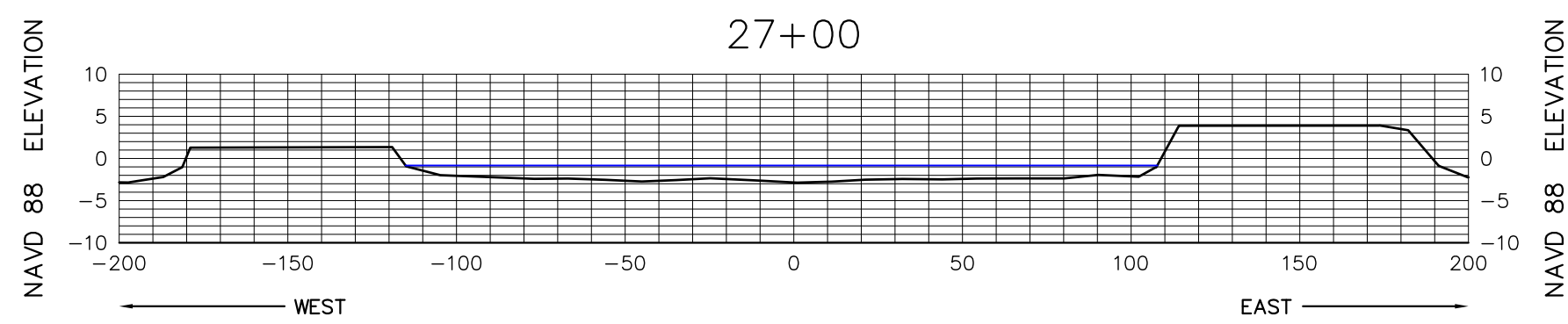
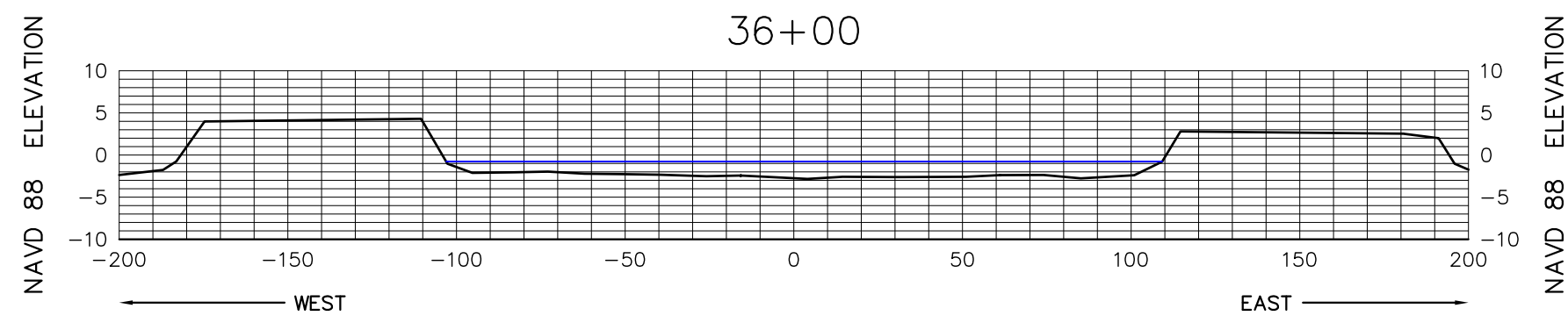
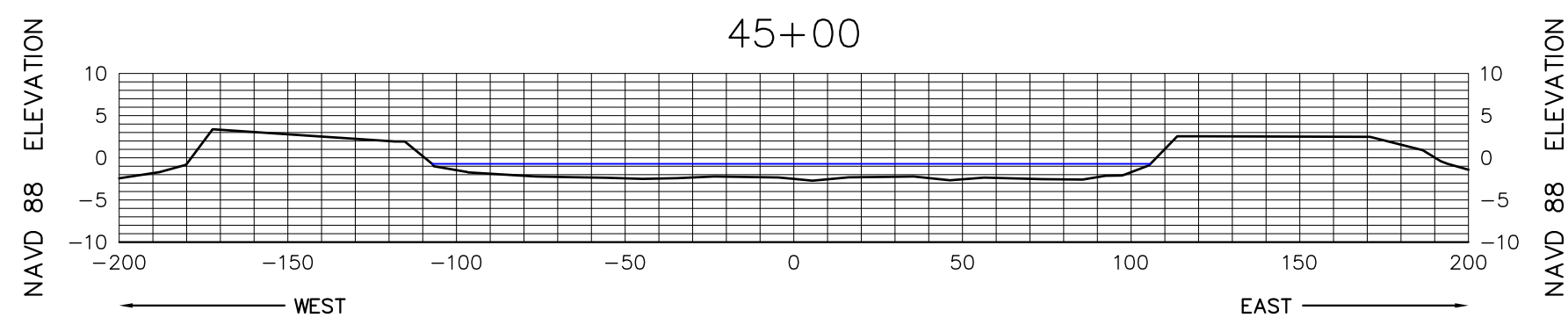
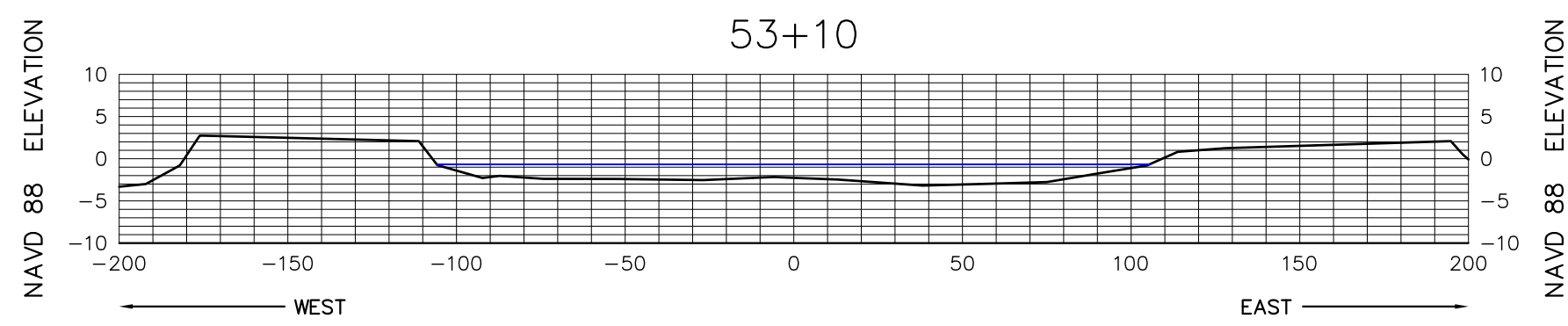
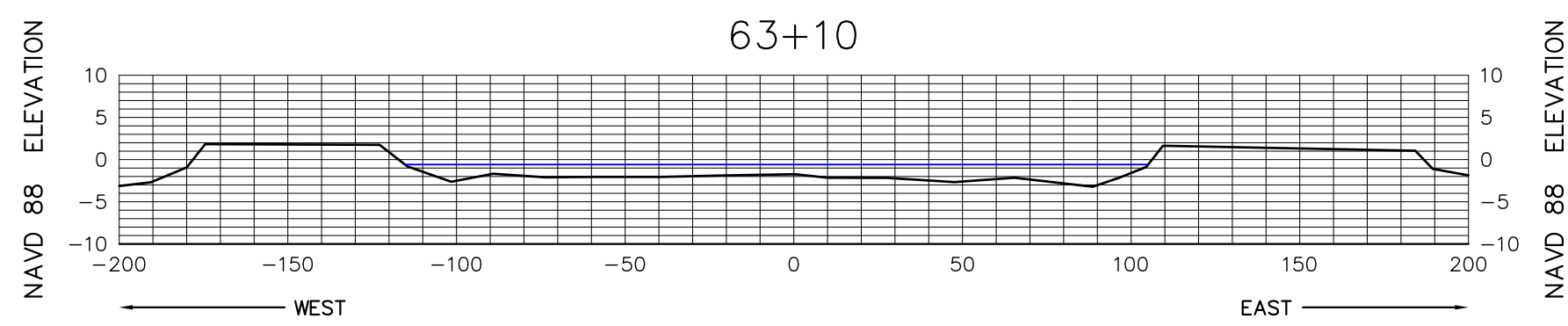
COMMISSION NO.  
5009.92

SCALE  
AS SHOWN

DATE  
6/14/10

SHEET 69 OF 78





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**MORGAN & EKLUND, INC.**  
**PROFESSIONAL SURVEY CONSULTANTS**  
8745 US HIGHWAY #1  
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FAX: (772) 388-3165  
1500 S.E. 3RD COURT  
SUITE 110  
DEERFIELD BEACH, FL 33441  
PHONE: (954) 421-6882  
FAX: (954) 421-0451  
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 31W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

COMMISSION NO.  
5009.92

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6/14/10

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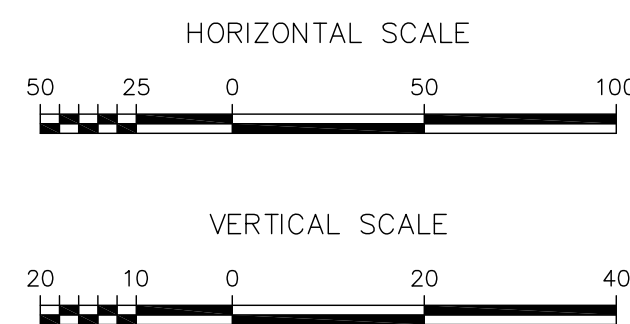
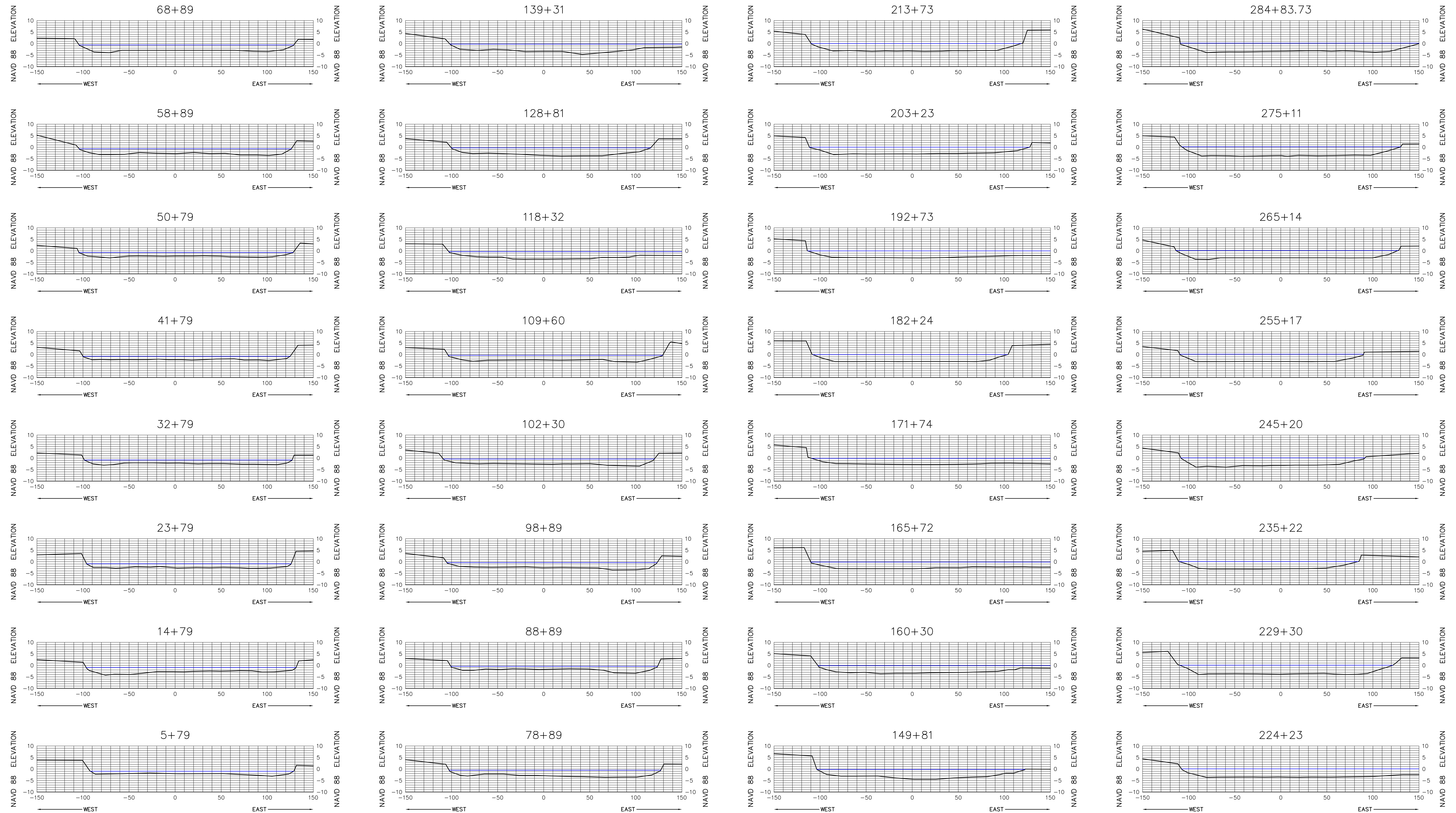
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PAGE NO.

SEE  
COVER

DATE OF SURVEY  
6/2/10

SHEET 70 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

## CANAL 32W CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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PAGE NO. COVER

DATE OF SURVEY  
6/2/10

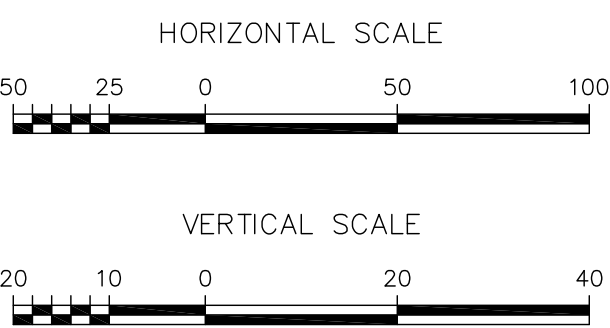
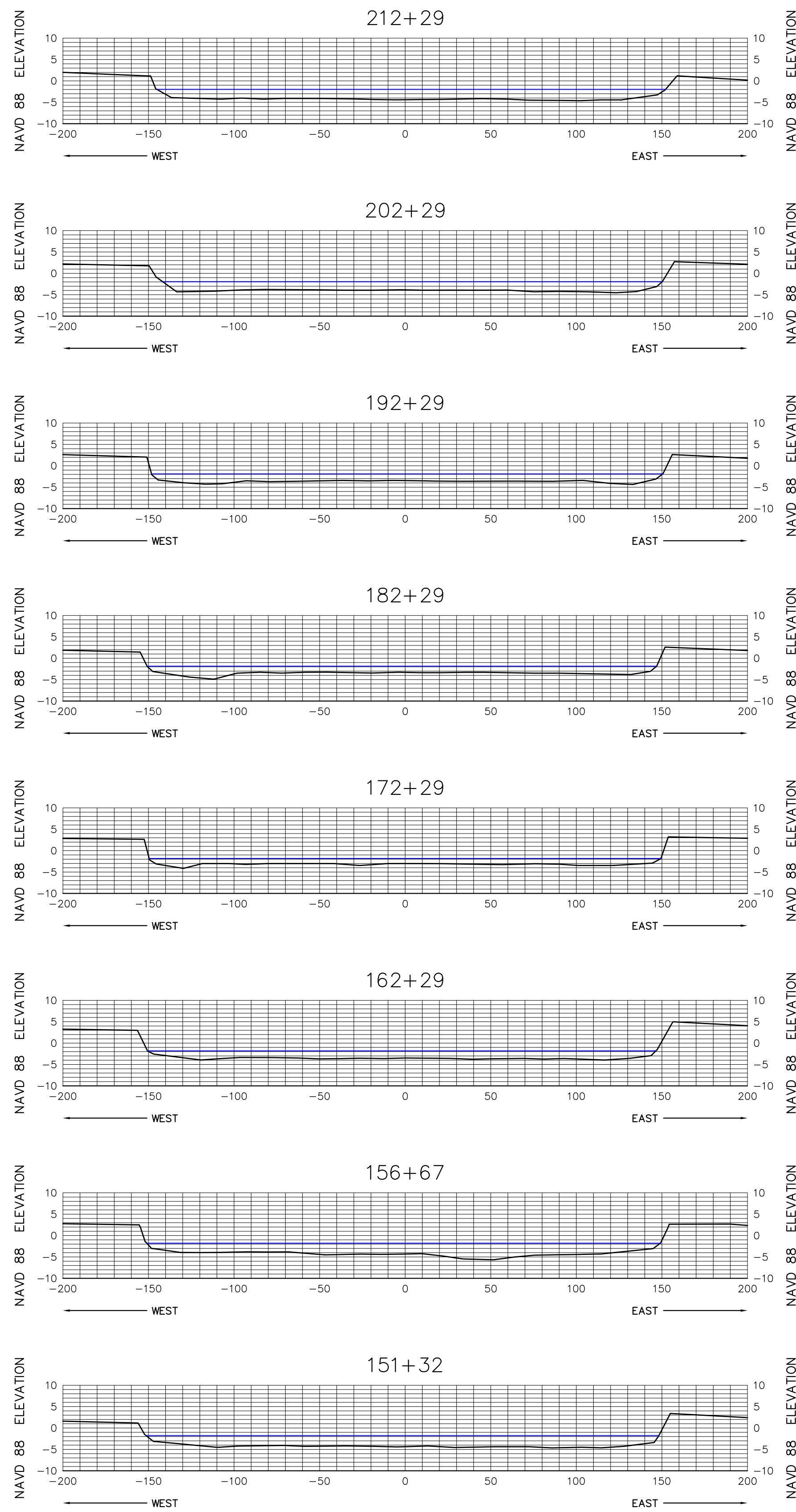
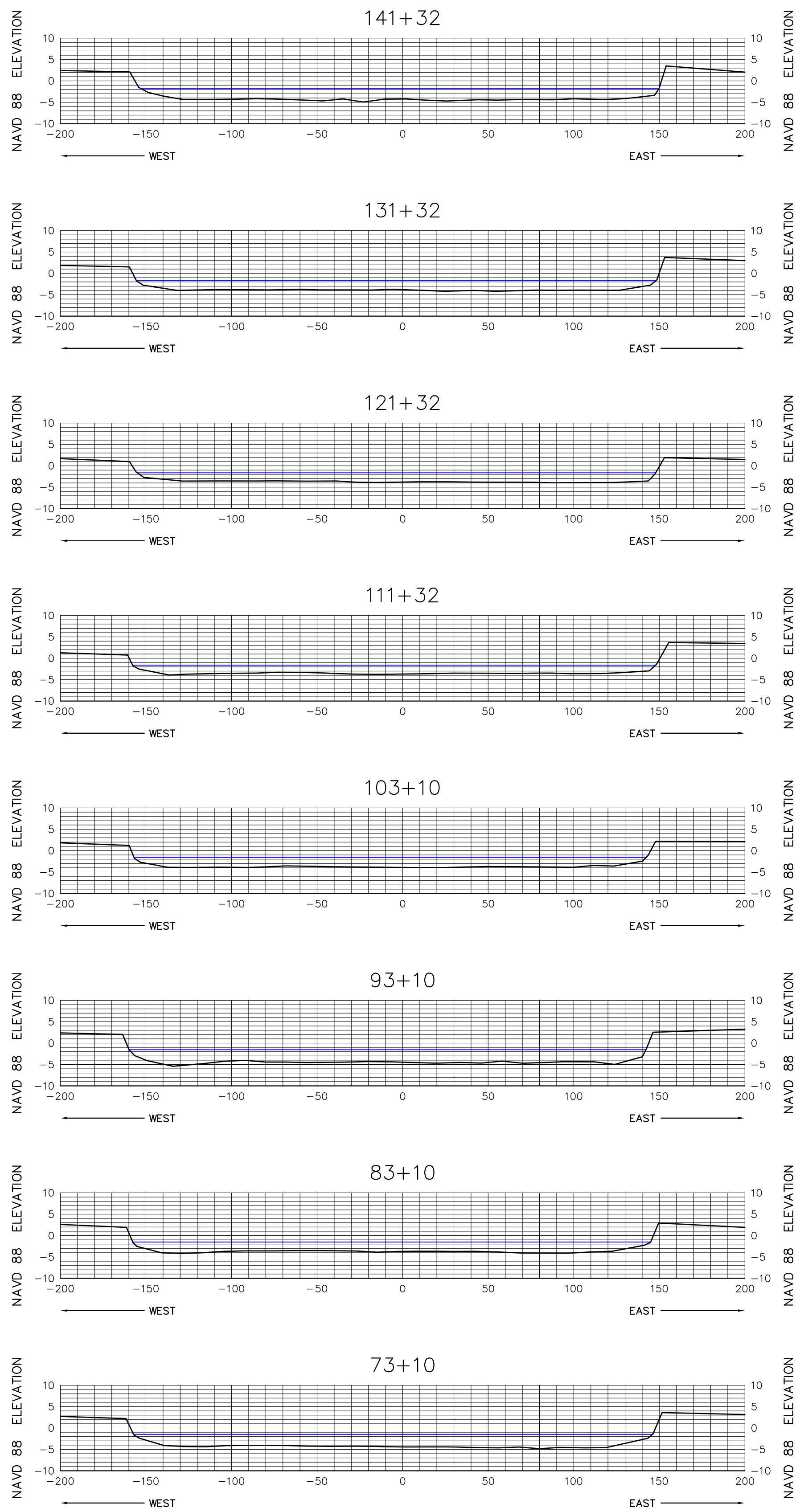
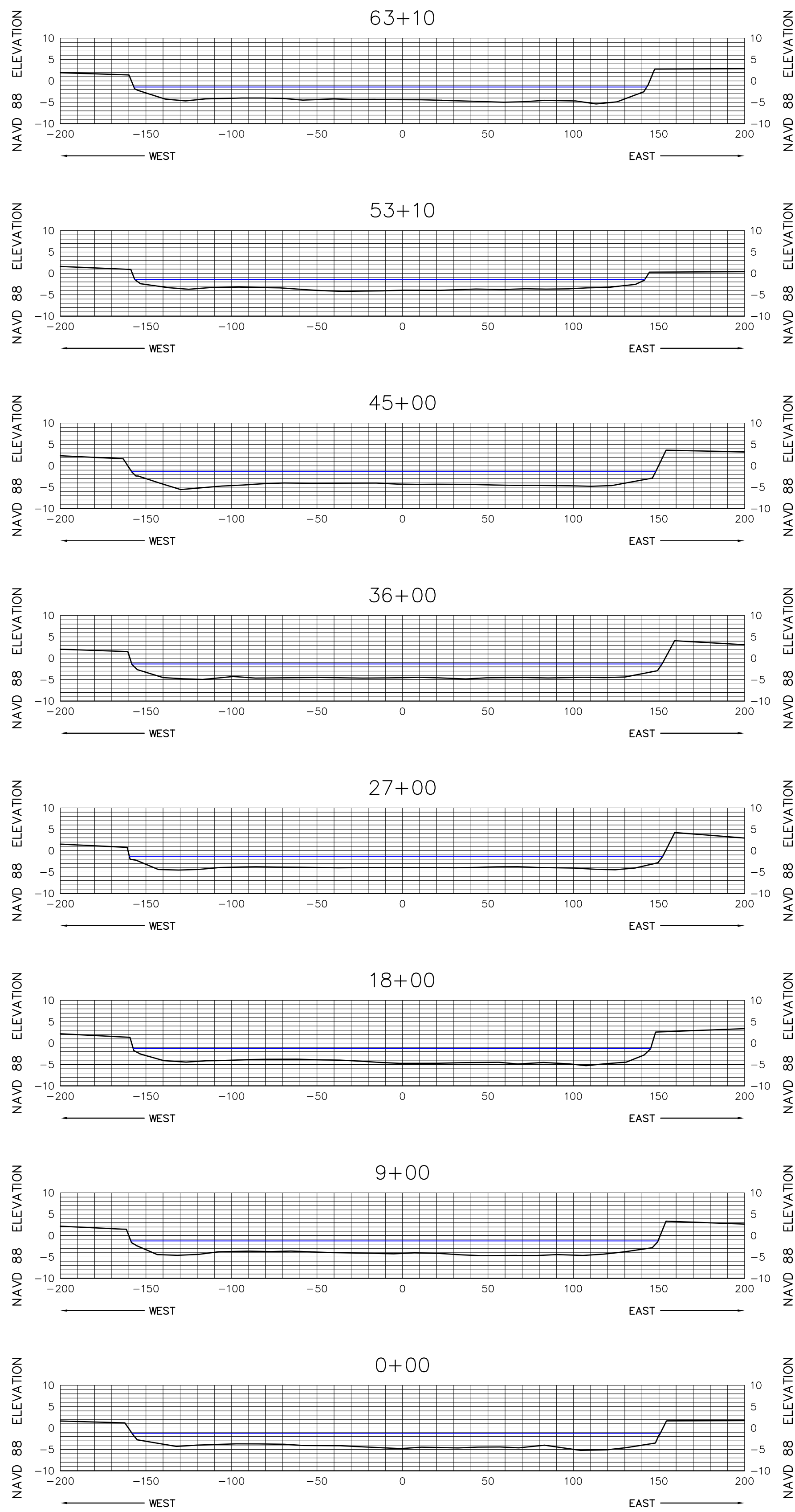
COMMISSION NO.  
5009.92

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DATE  
6/14/10

SHEET 71 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

**CANAL 1E CROSS SECTION VIEW (NAV 88)**

**TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT**

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JRM

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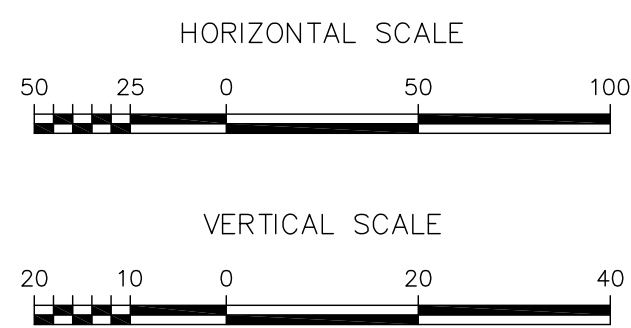
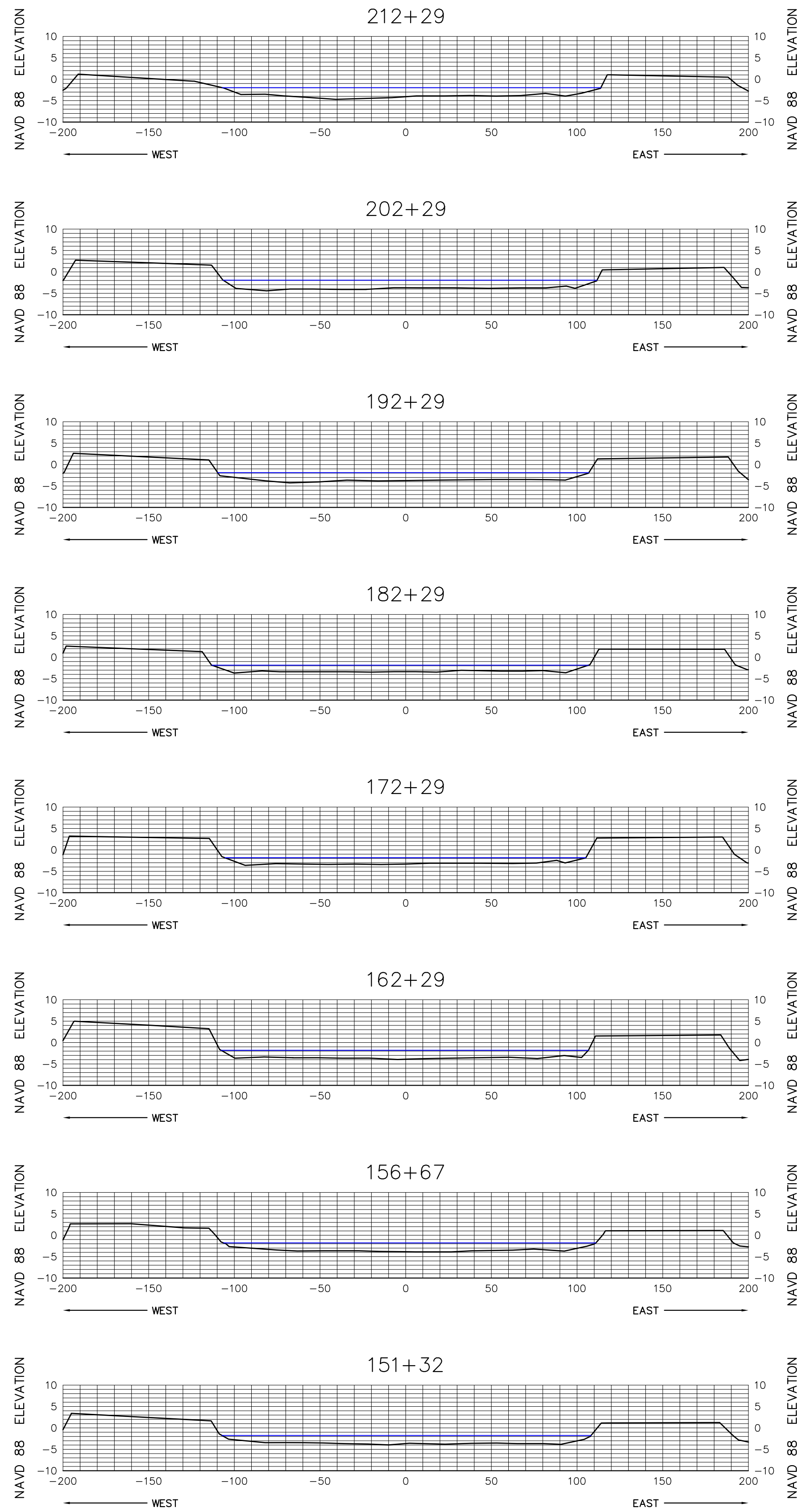
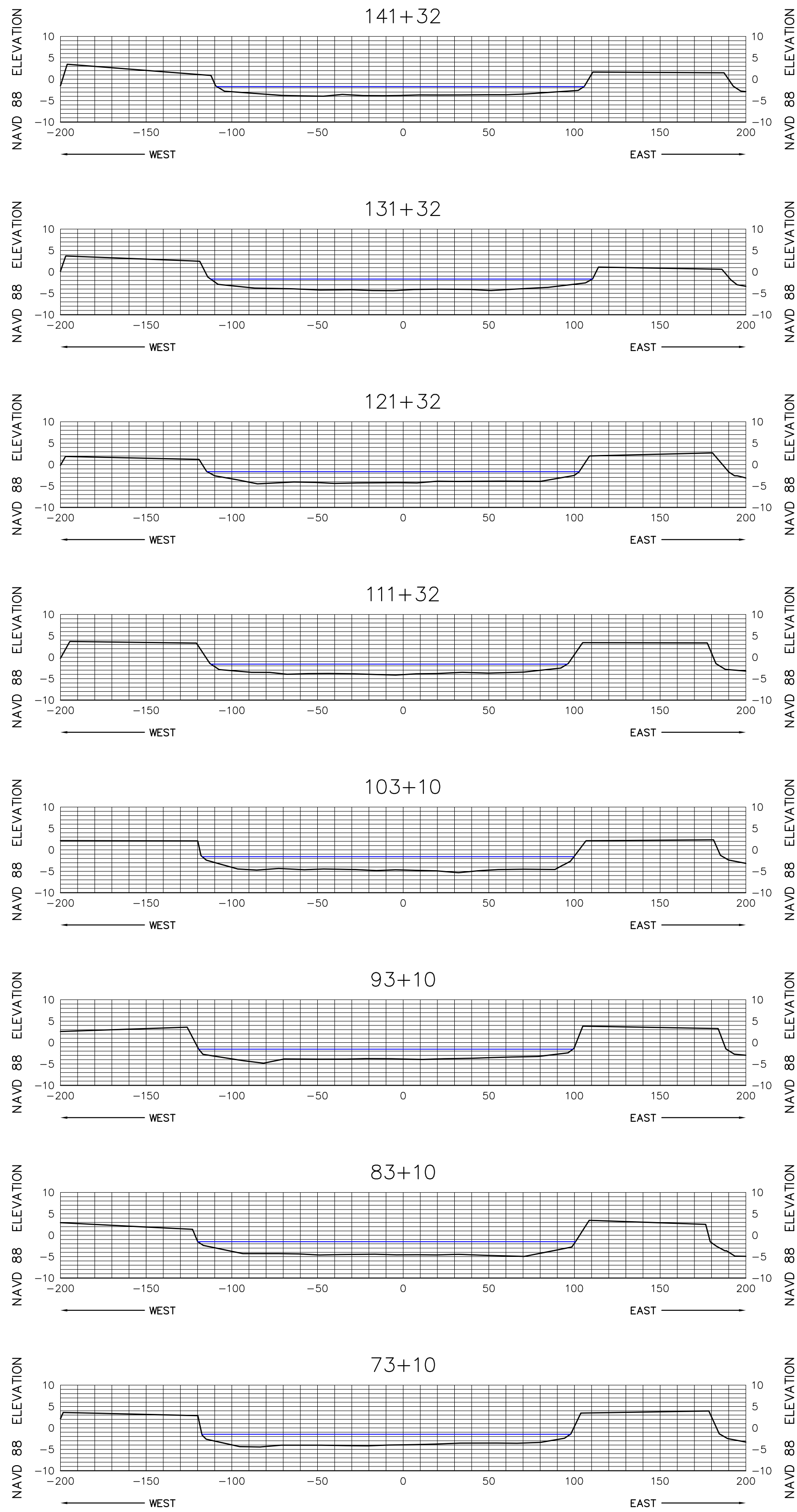
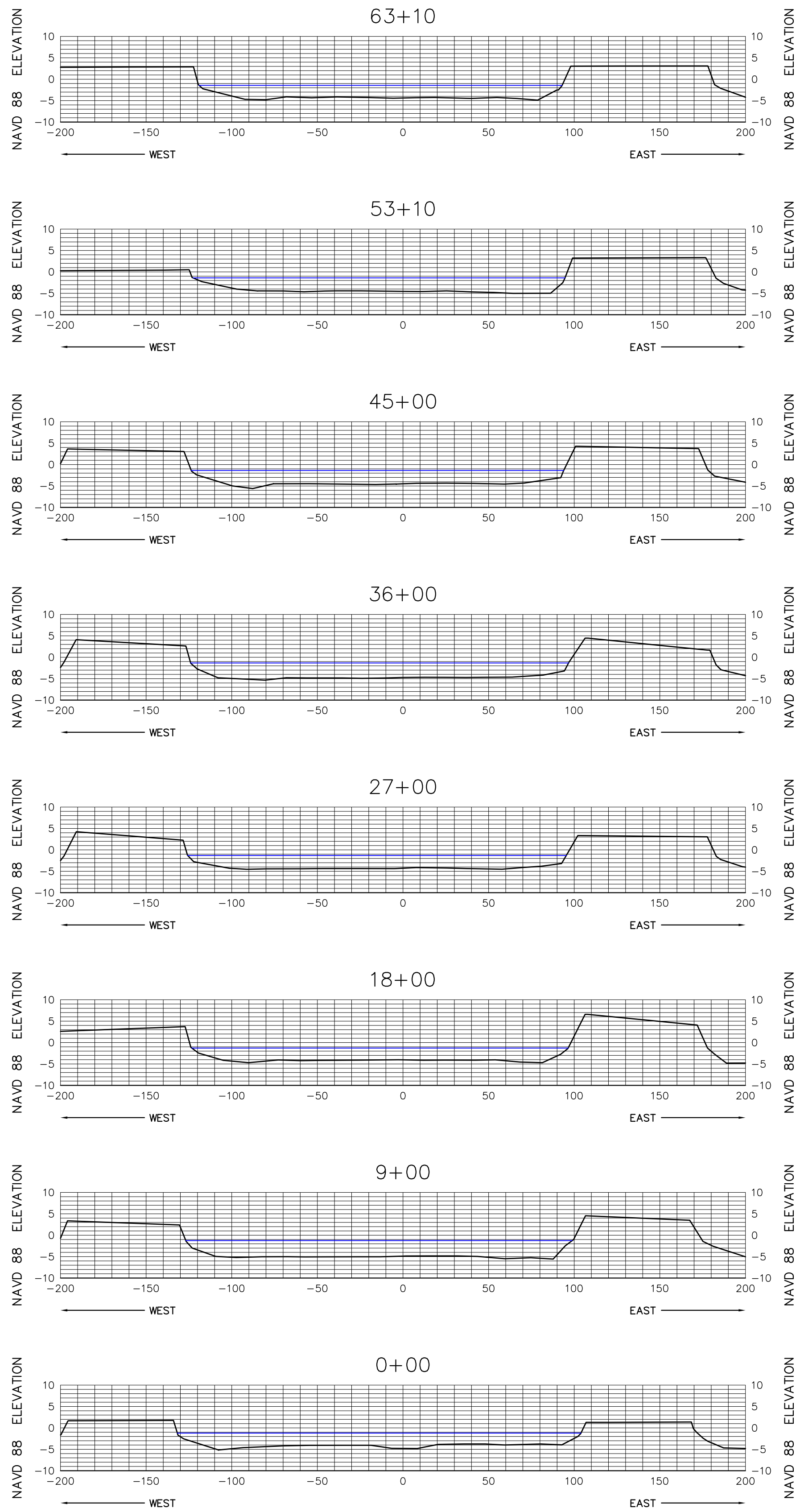
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SHEET 72 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 2E CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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JRM

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DATE OF SURVEY  
6/2/10

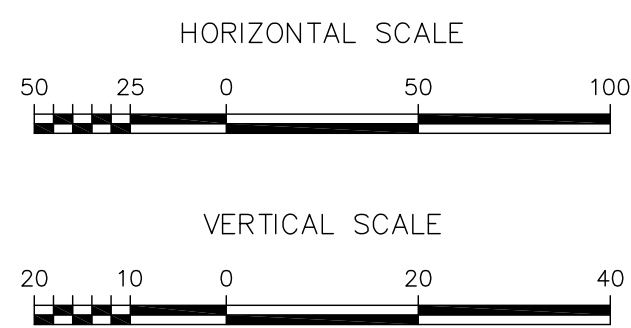
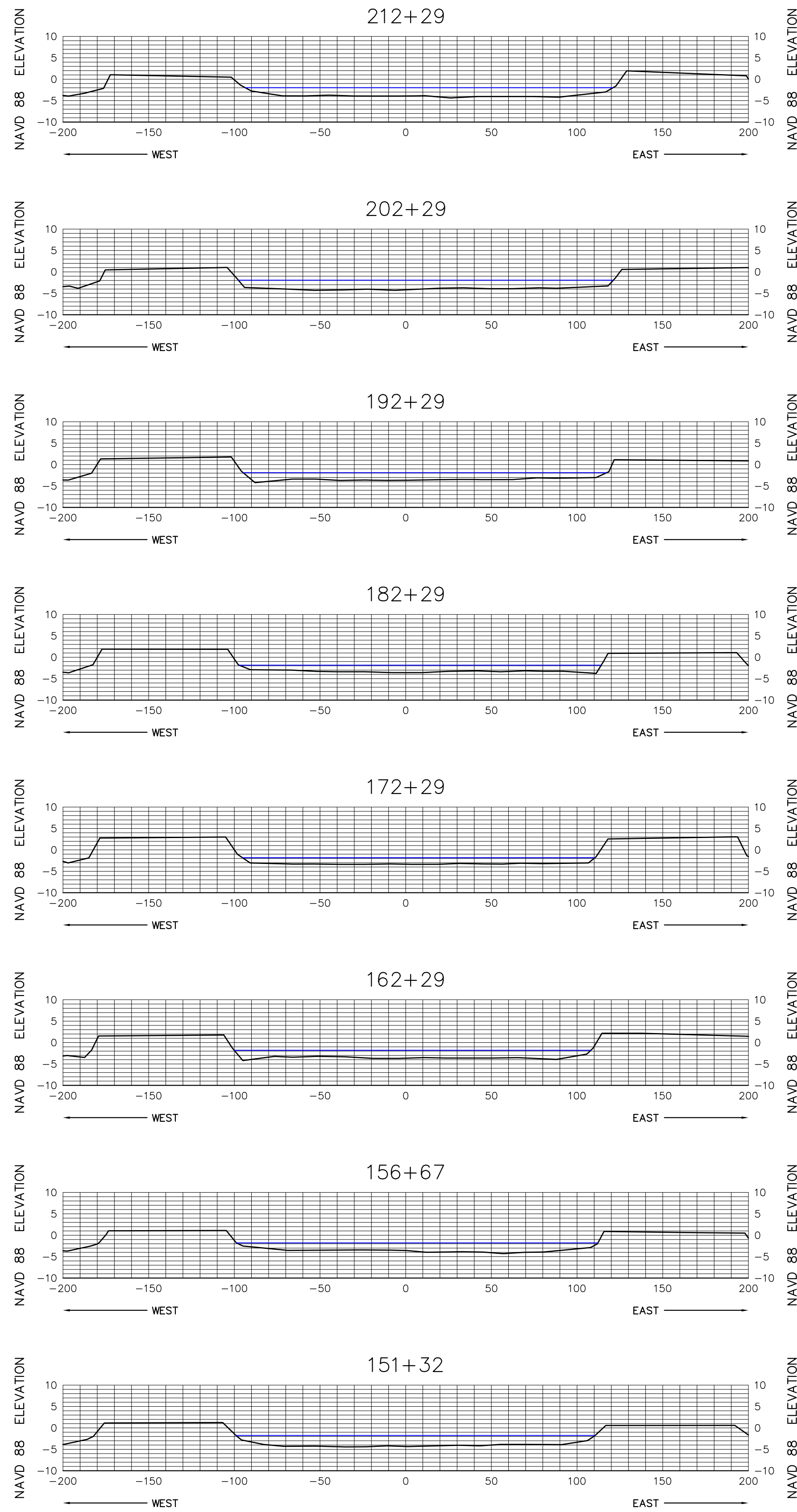
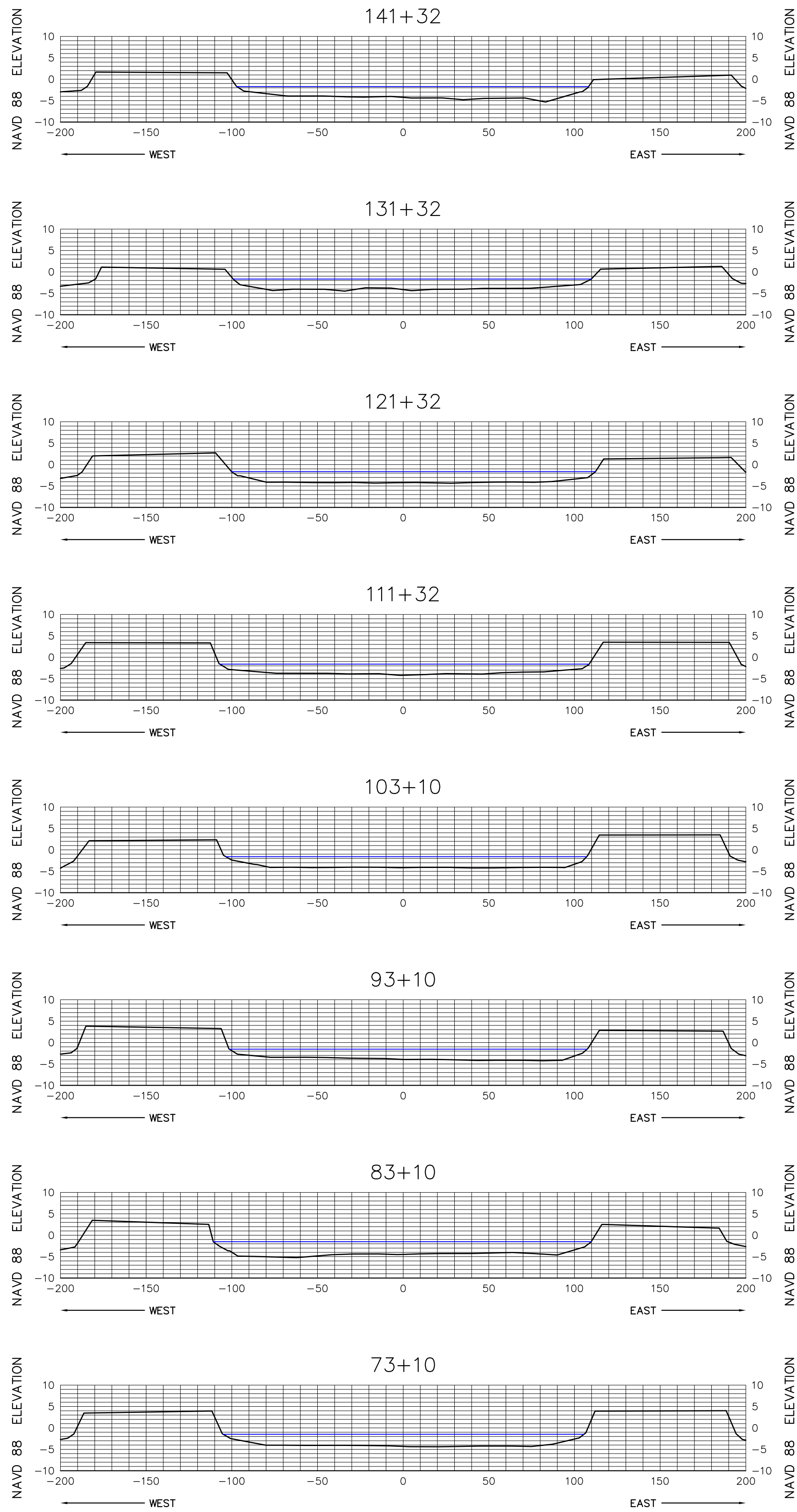
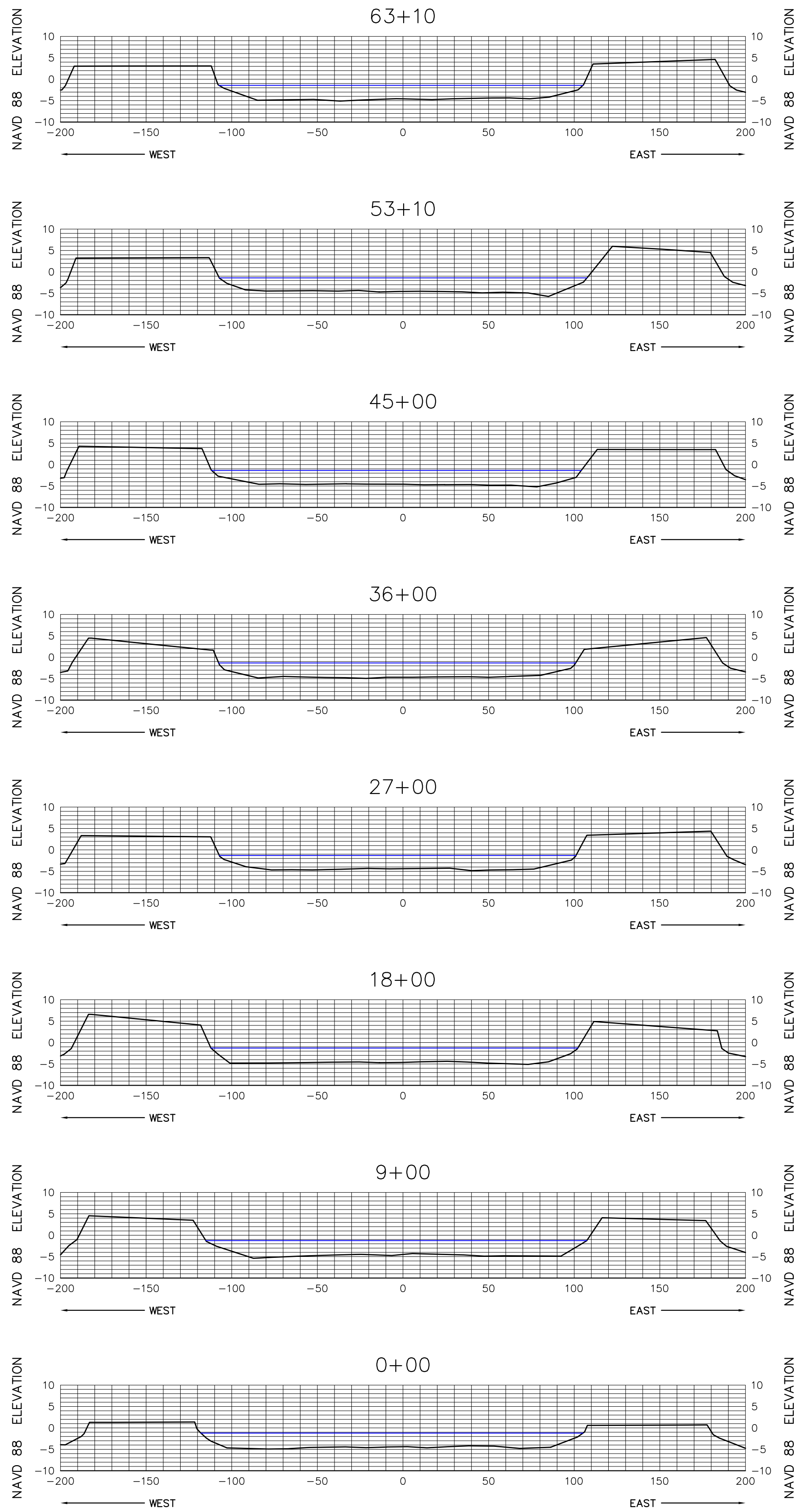
COMMISSION NO.  
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6/14/10

SHEET 73 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 3E CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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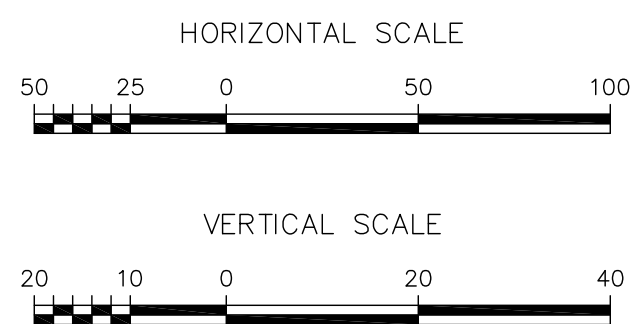
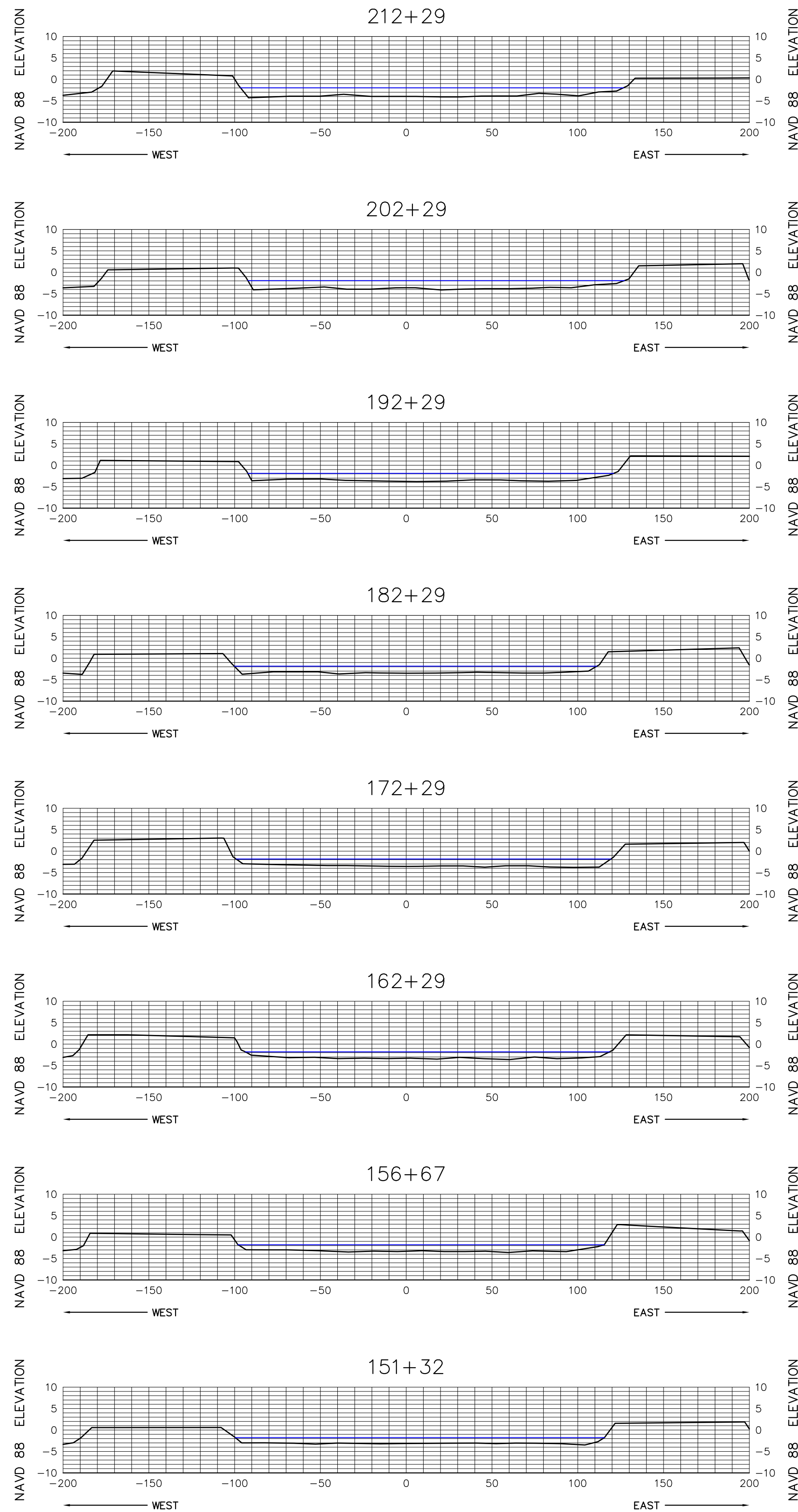
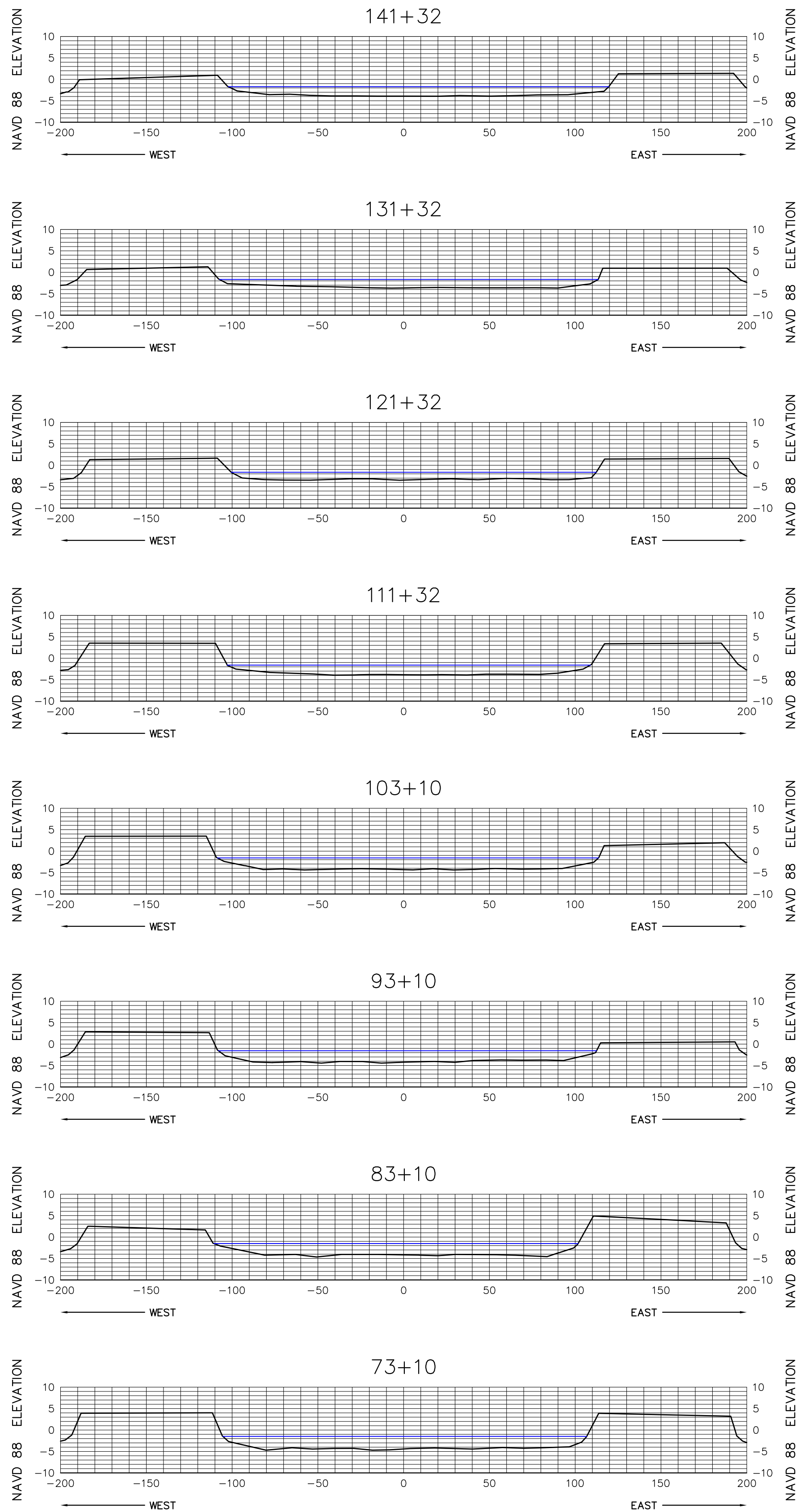
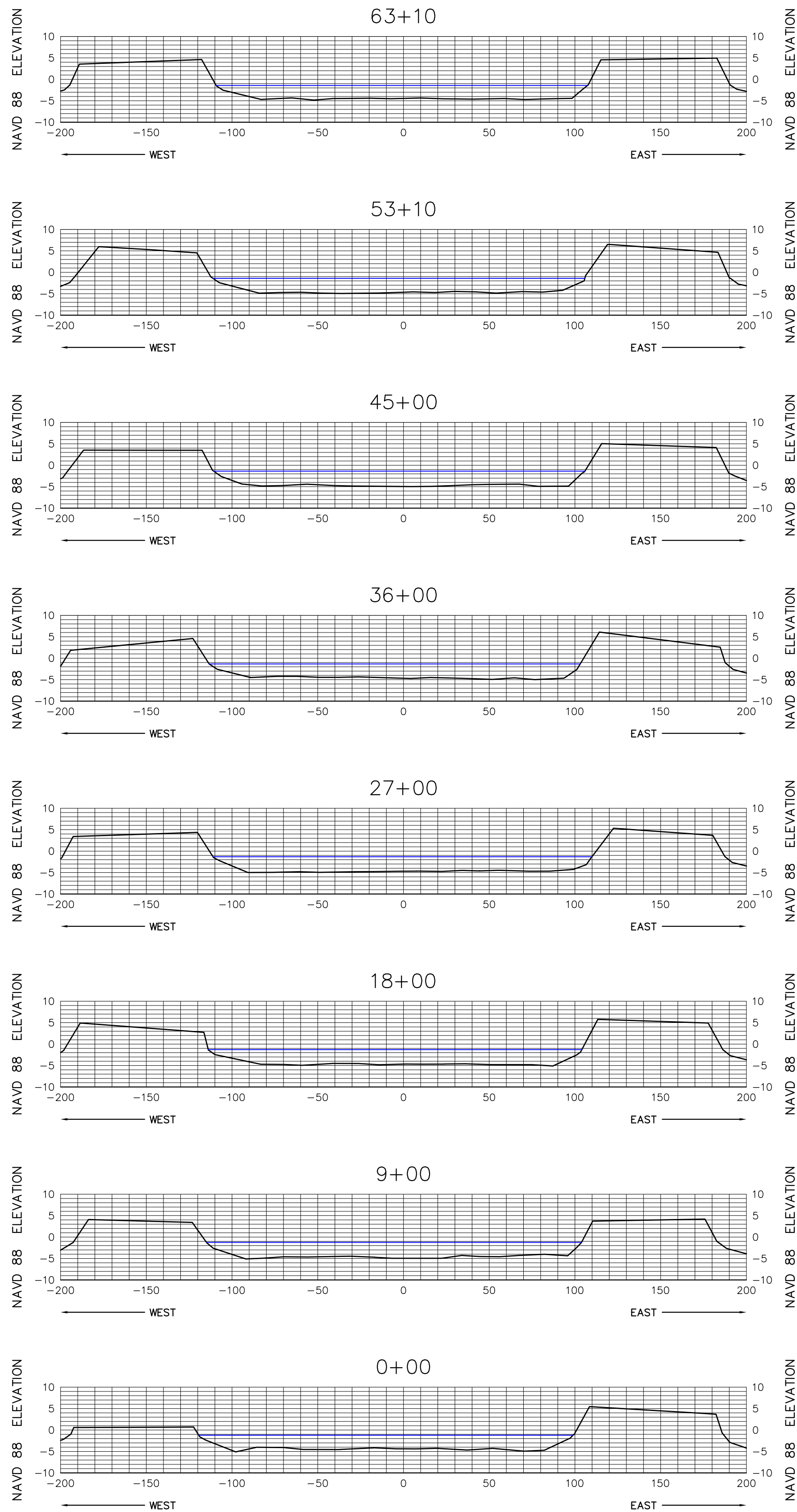
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SHEET 74 OF 78





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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 4E CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

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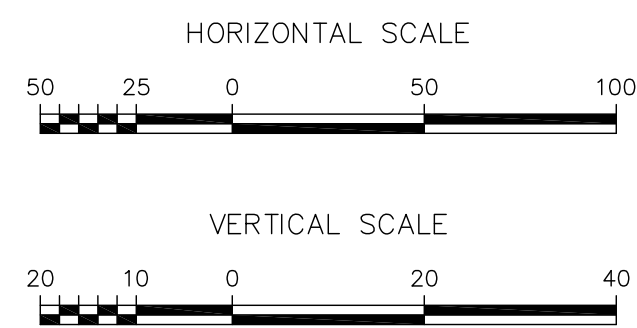
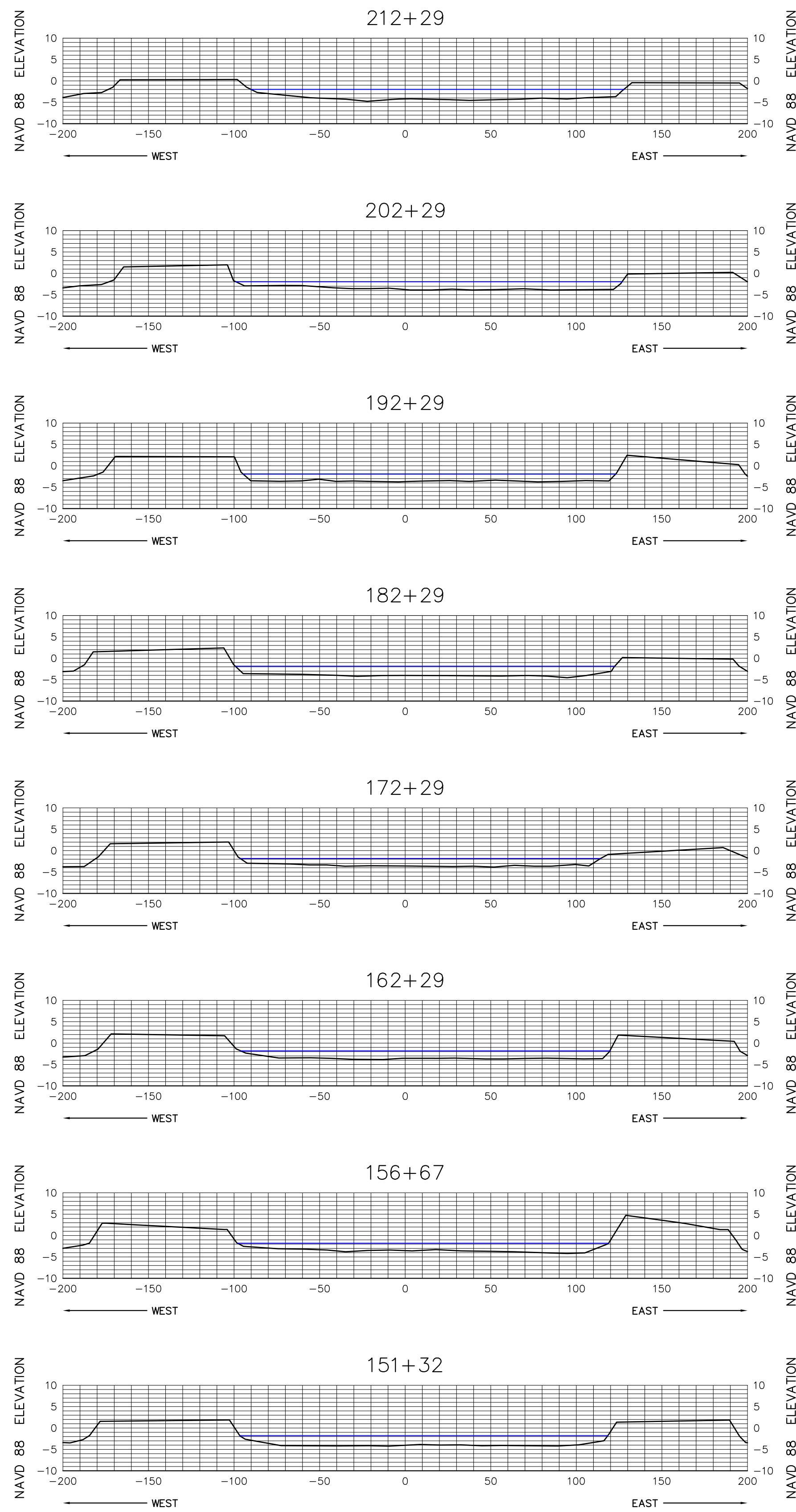
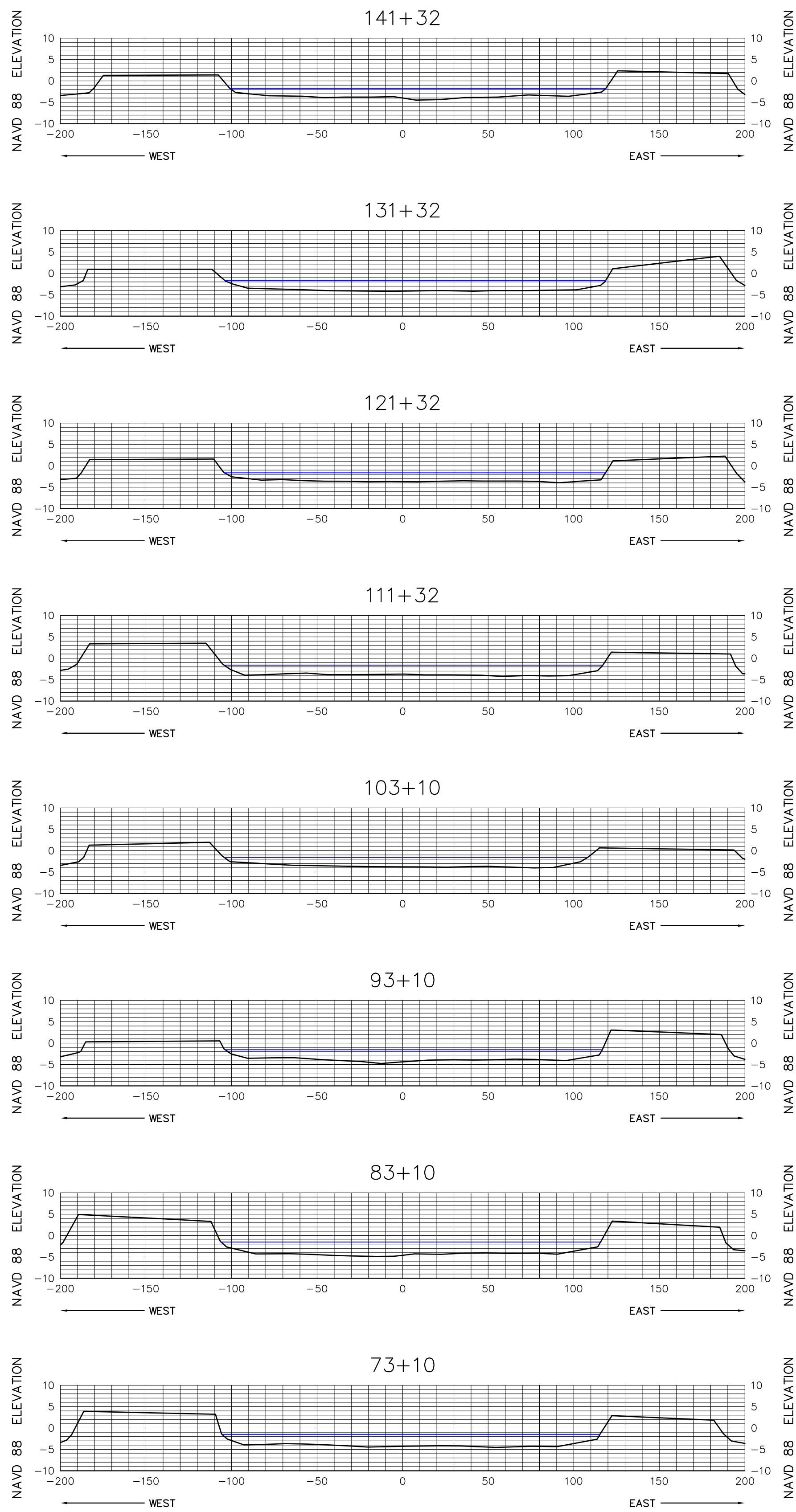
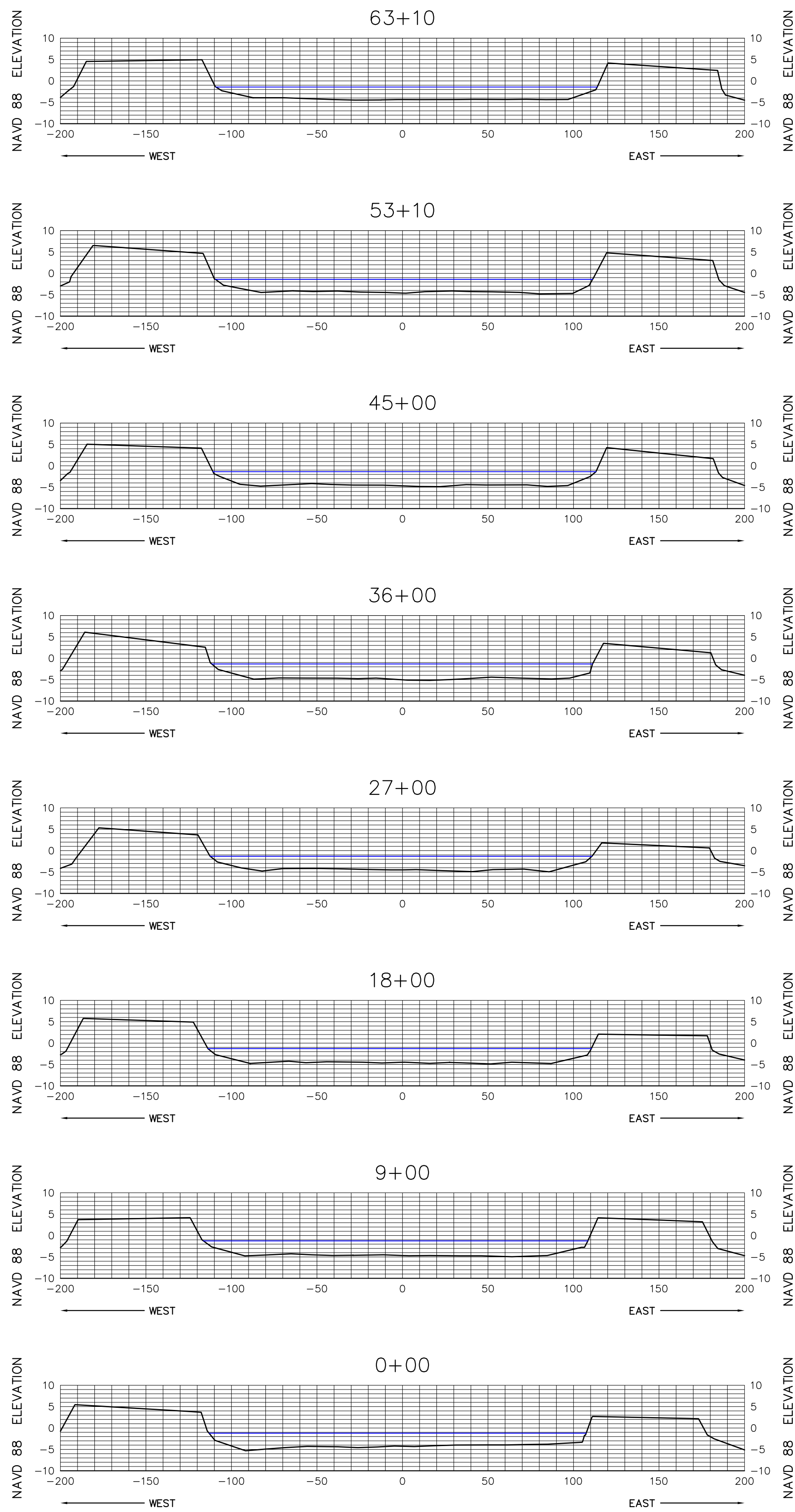
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SHEET 75 OF 78





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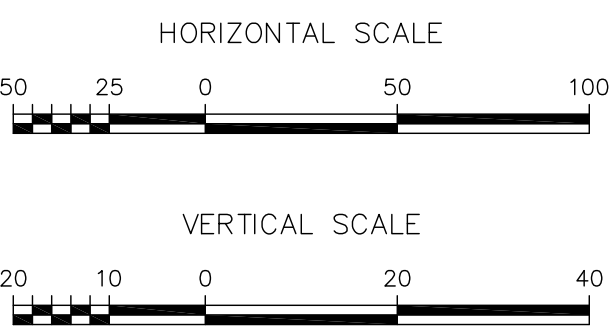
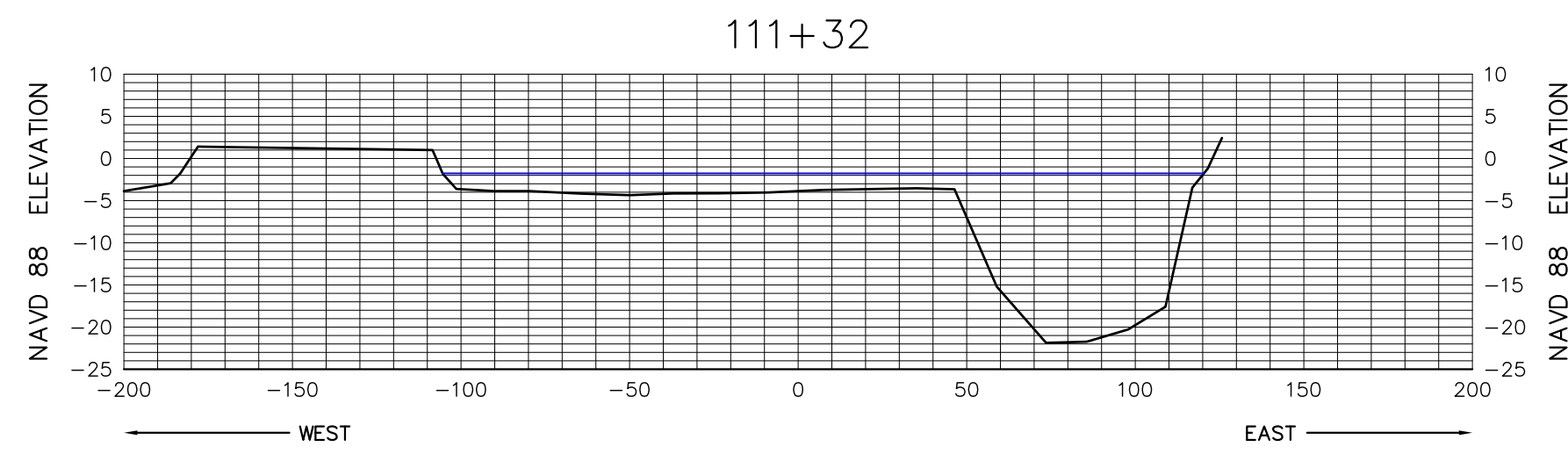
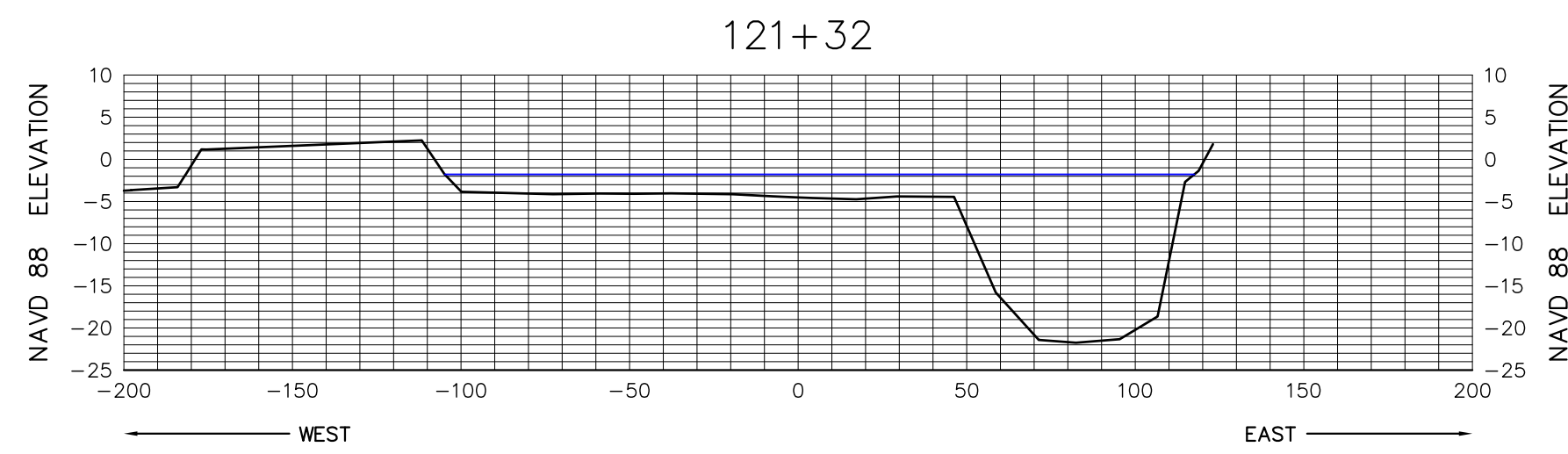
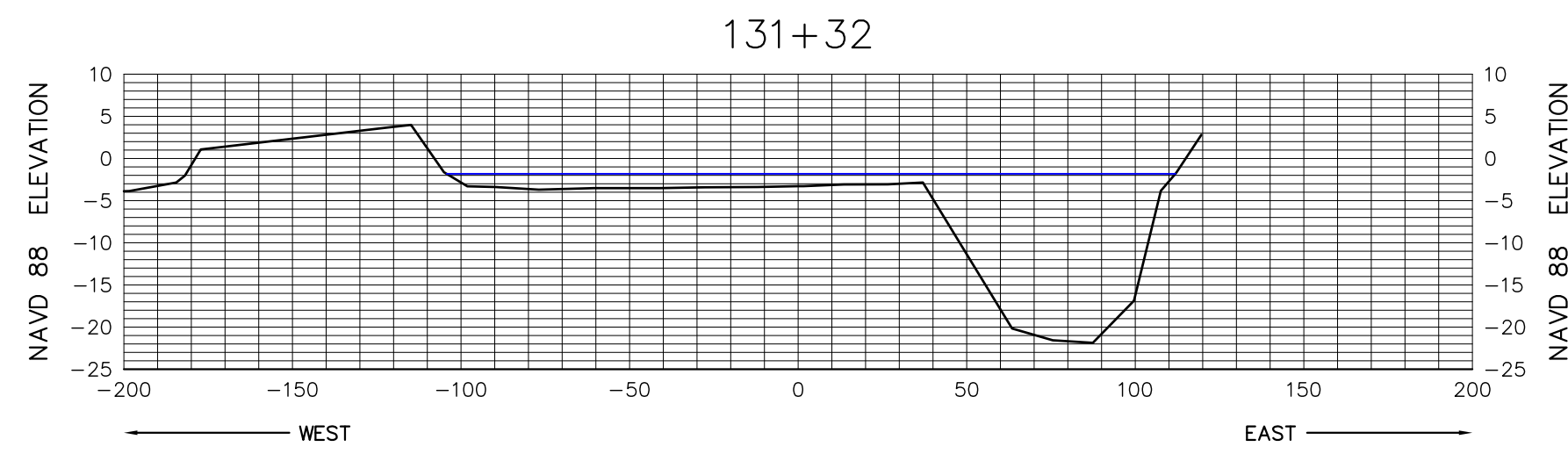
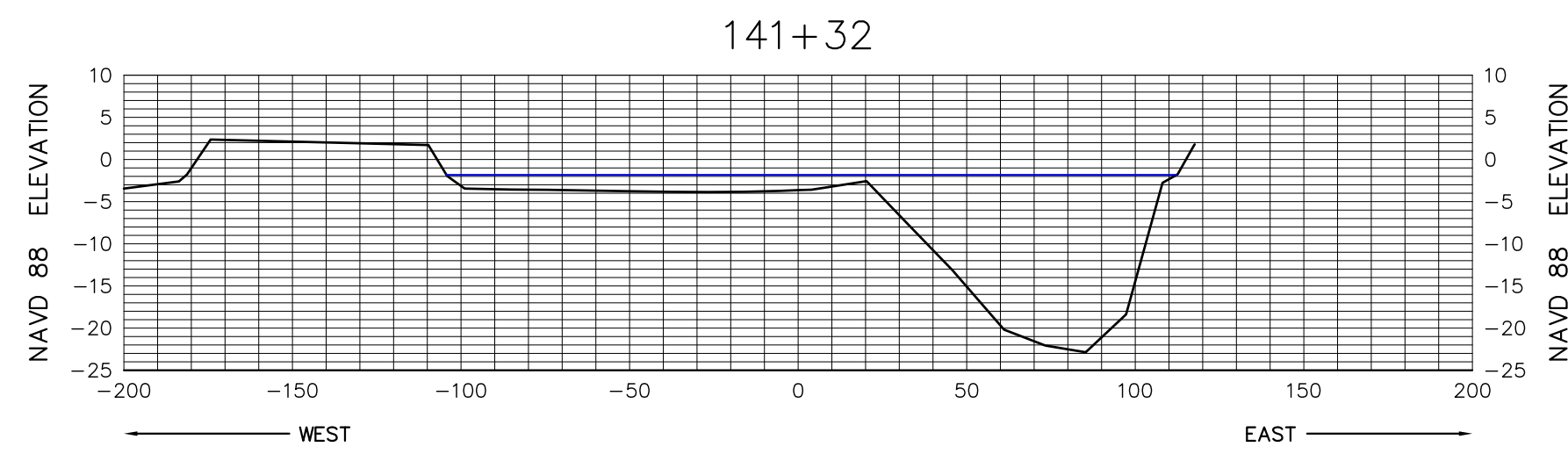
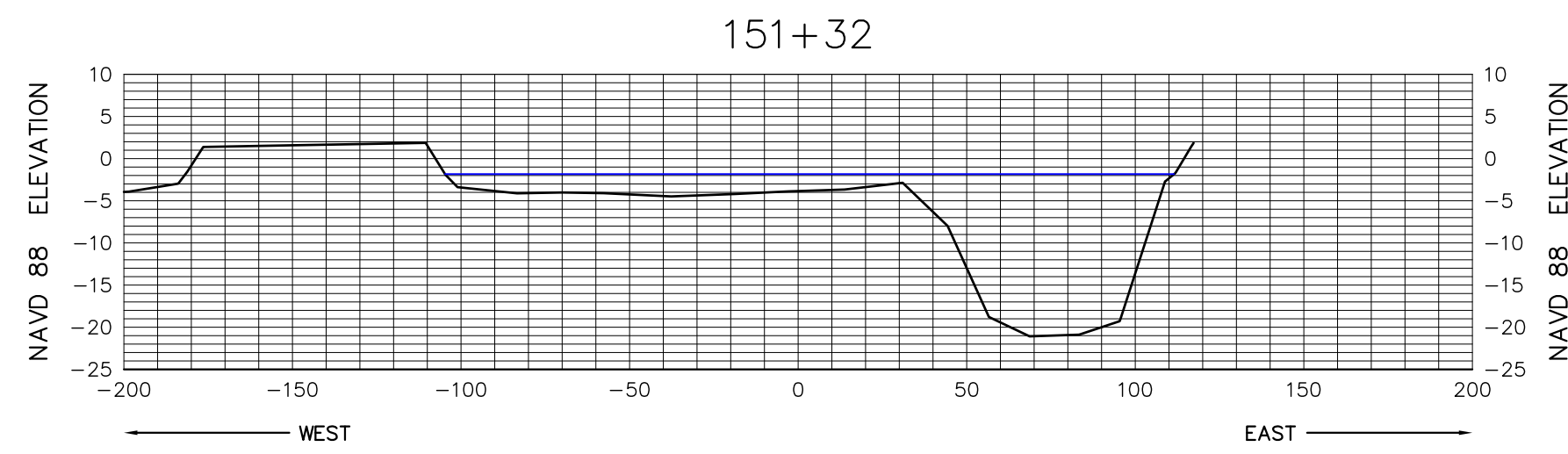
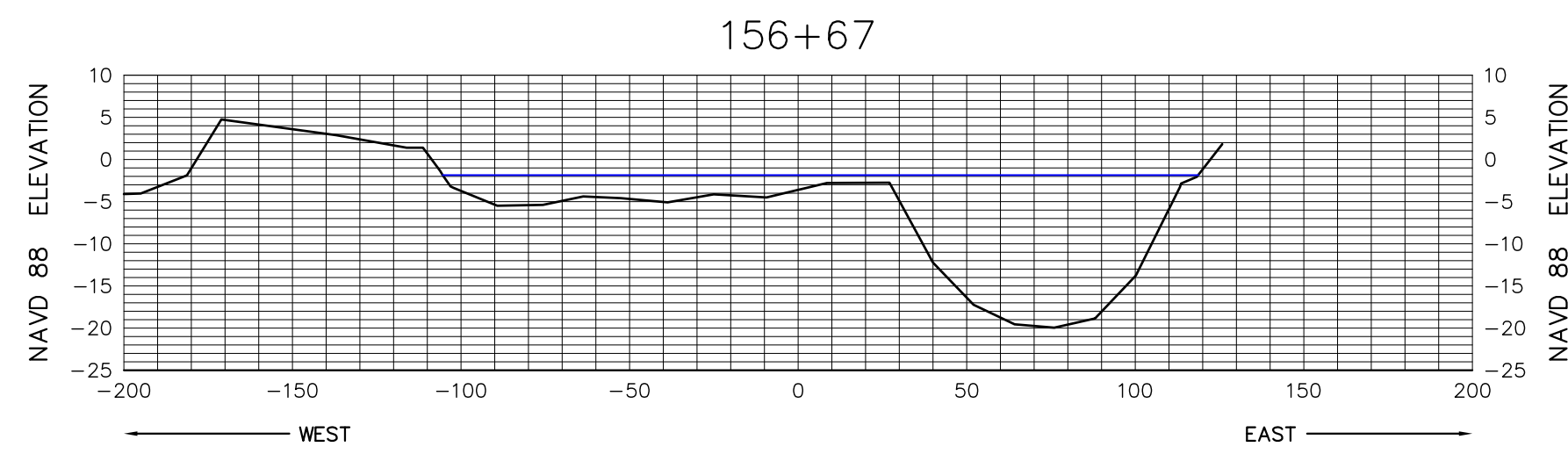
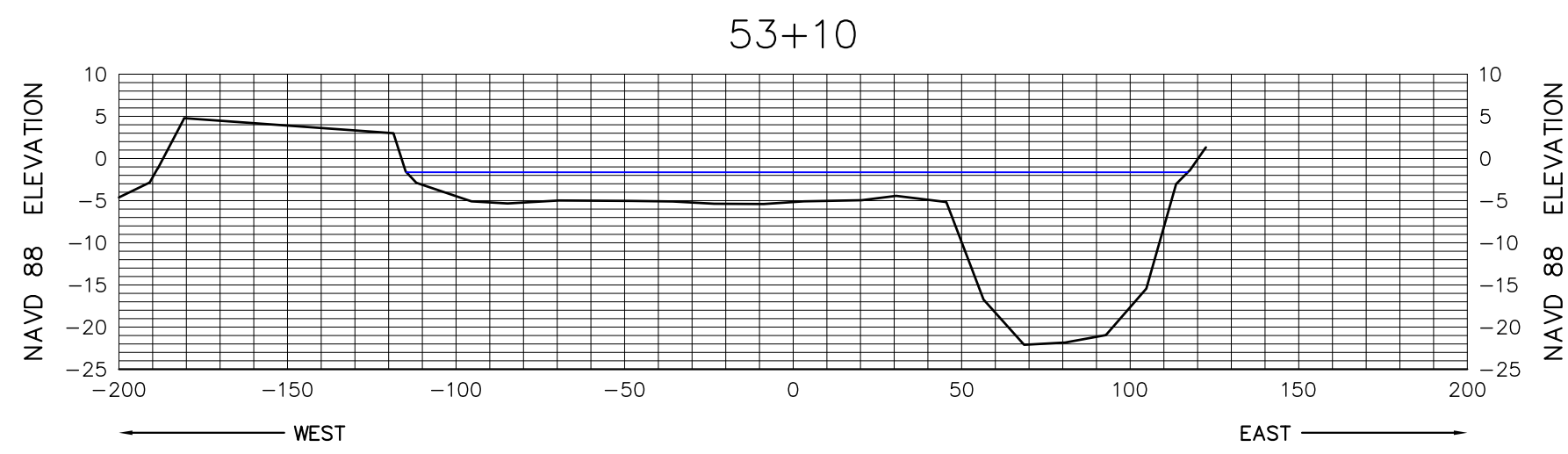
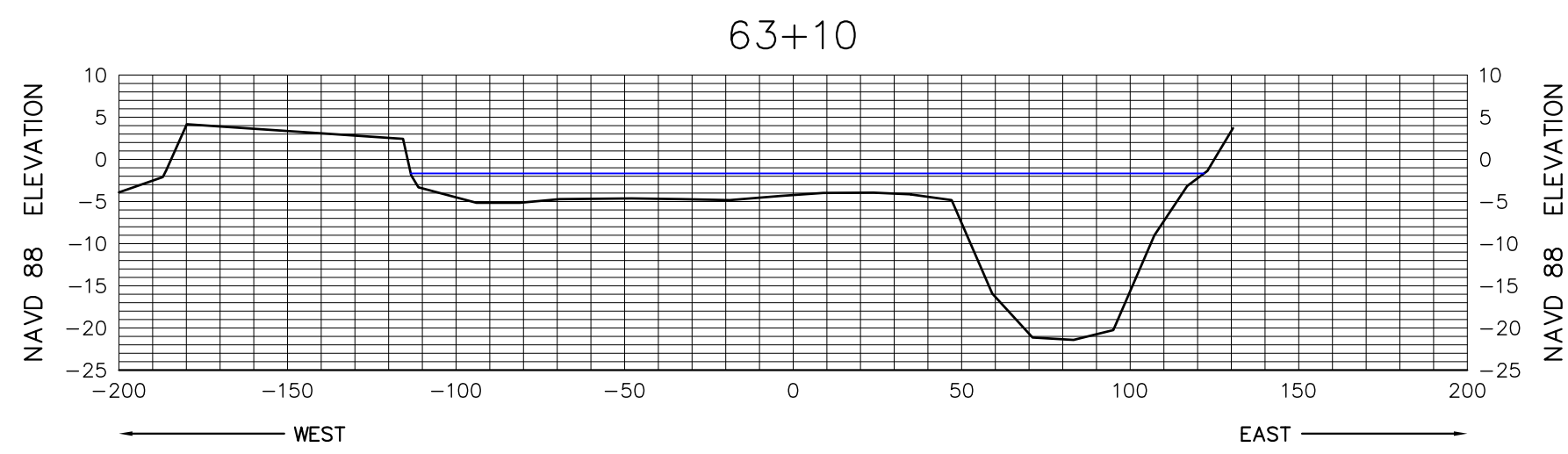
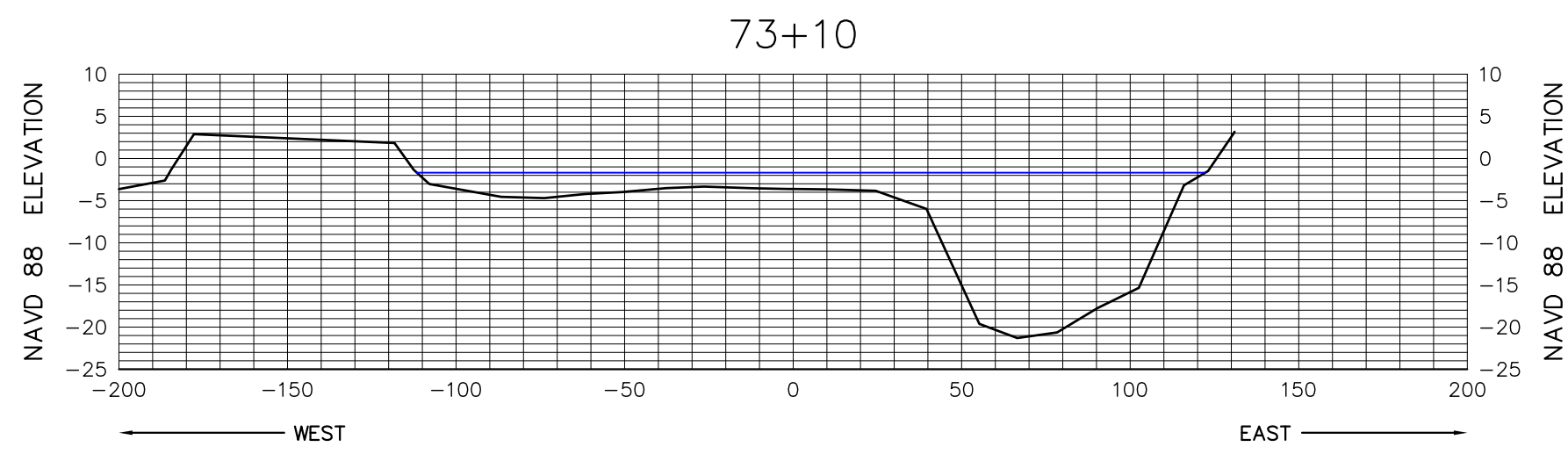
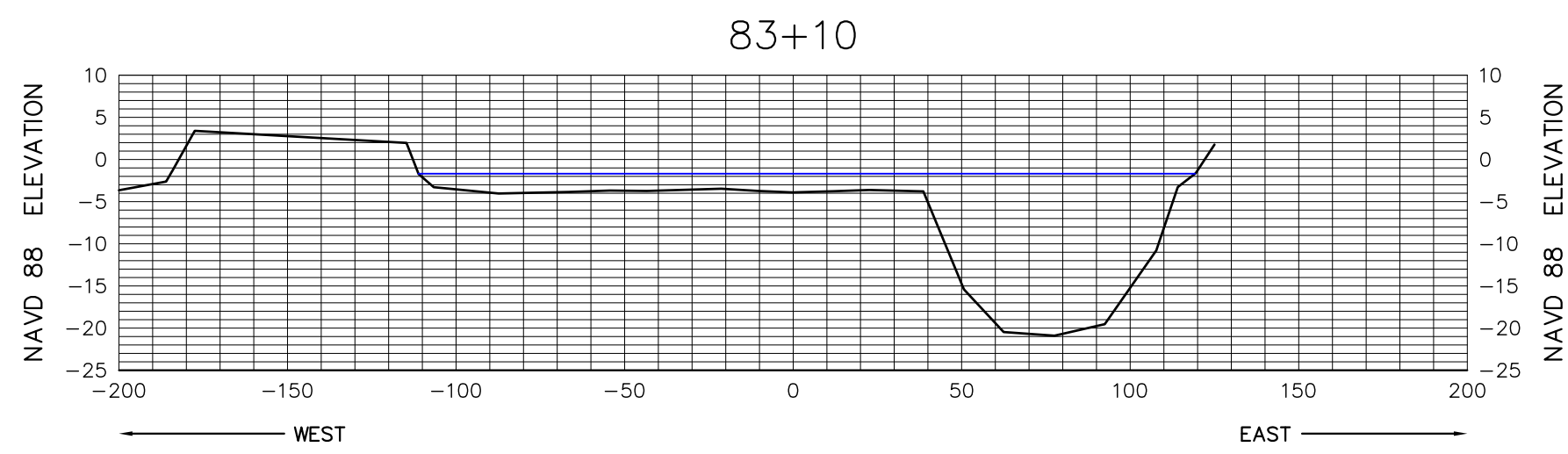
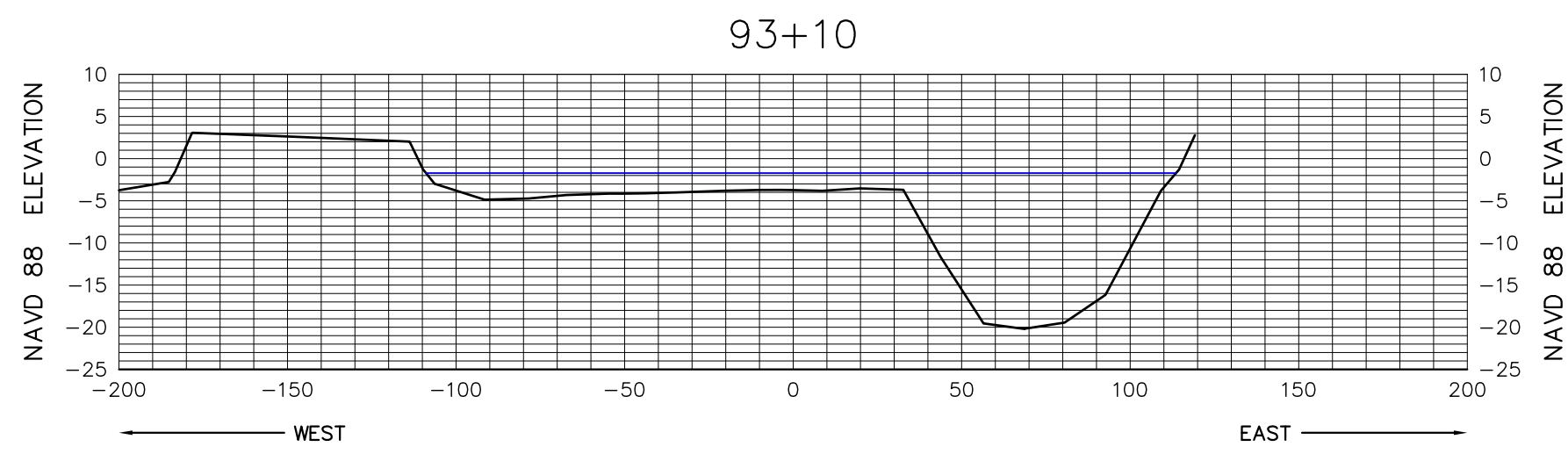
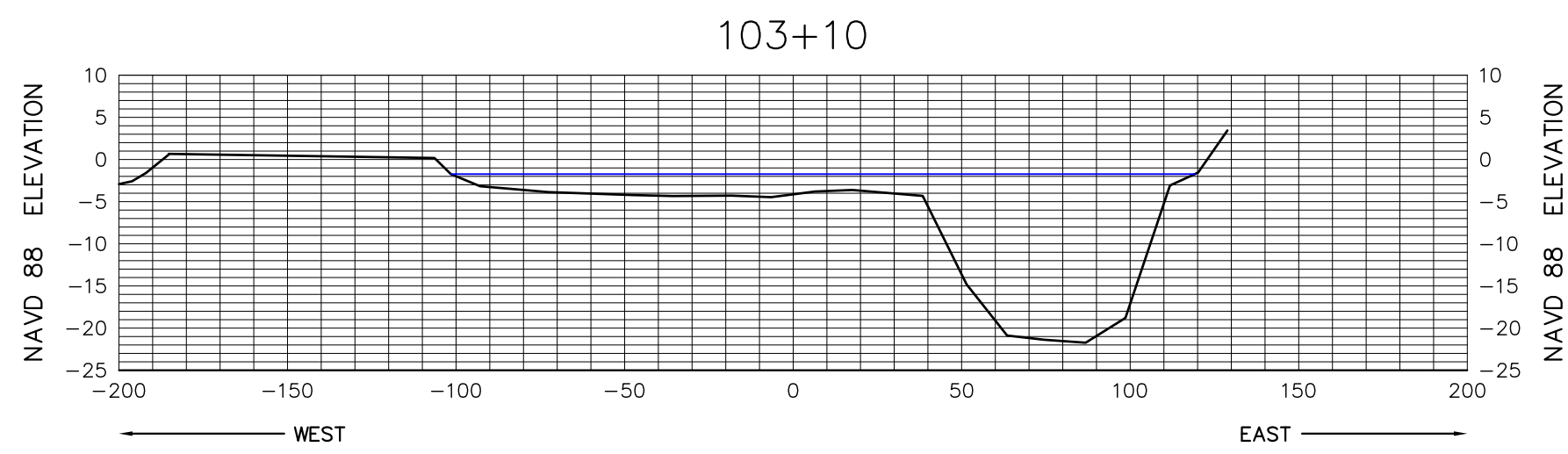
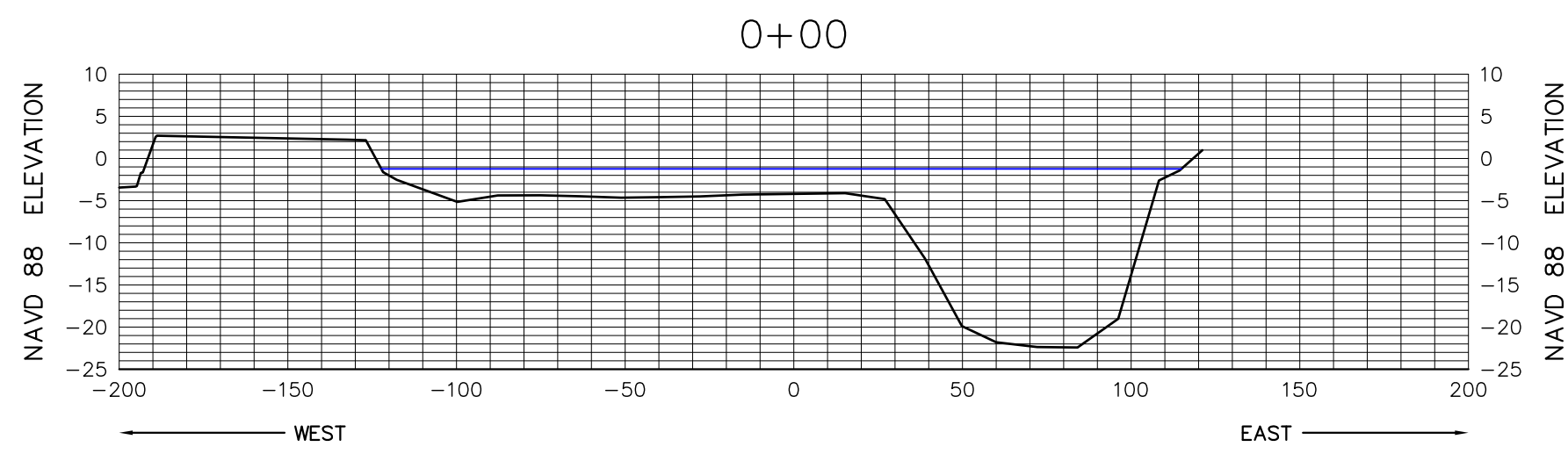
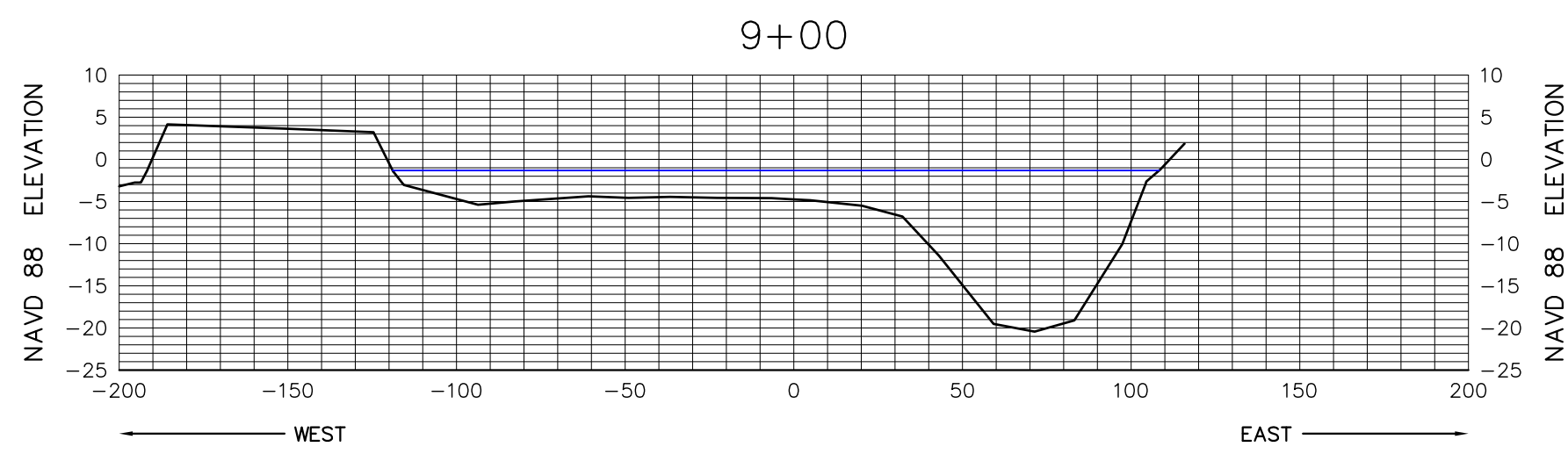
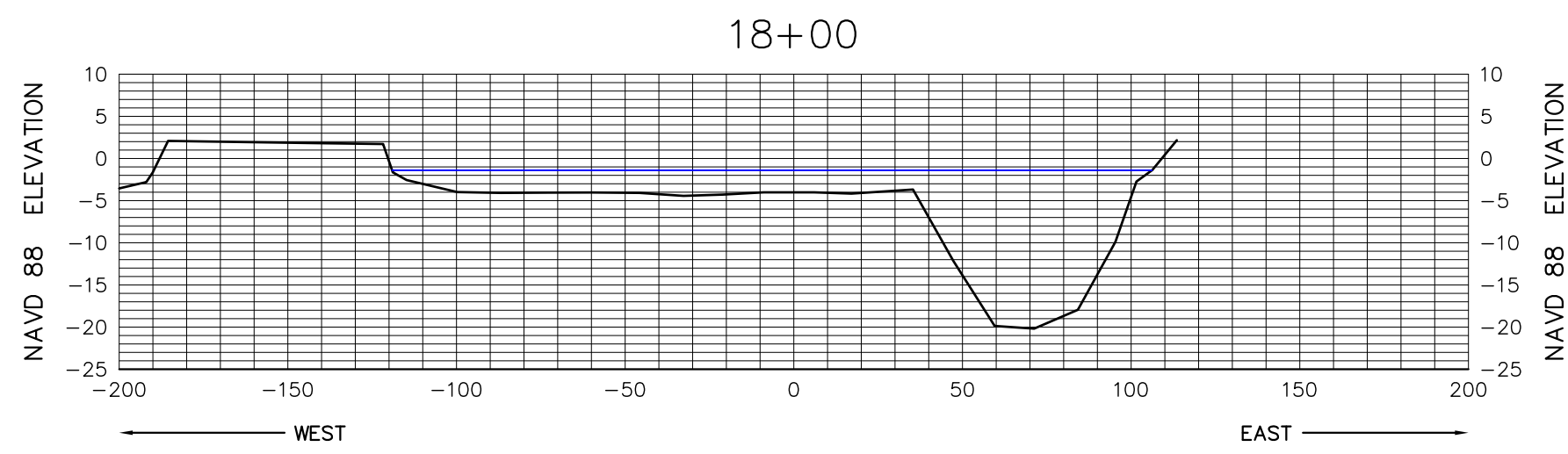
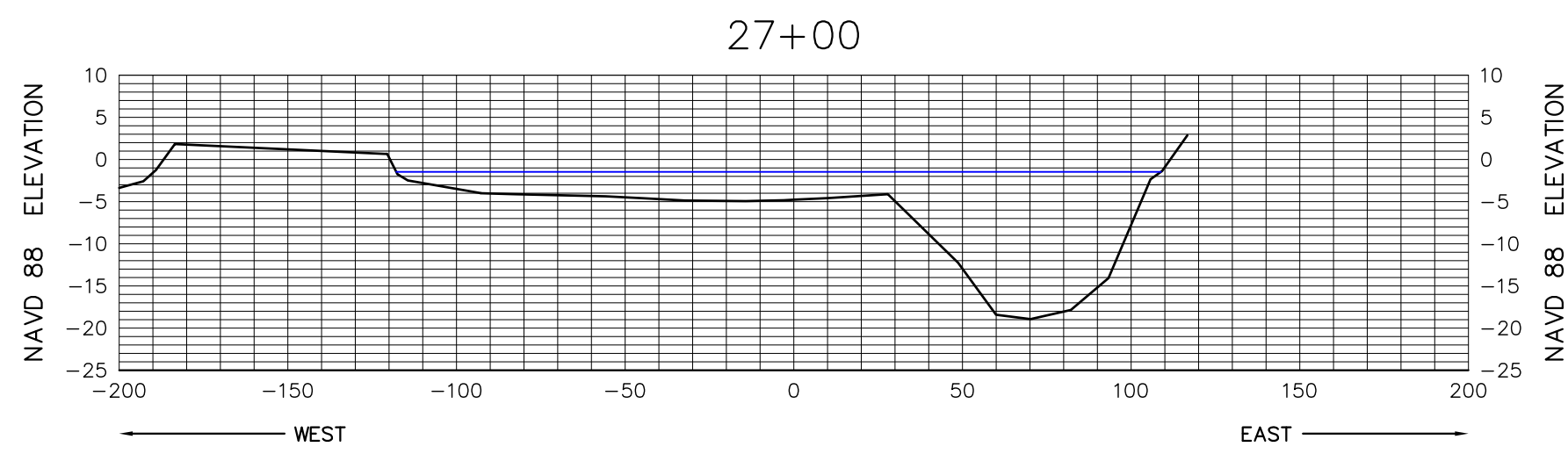
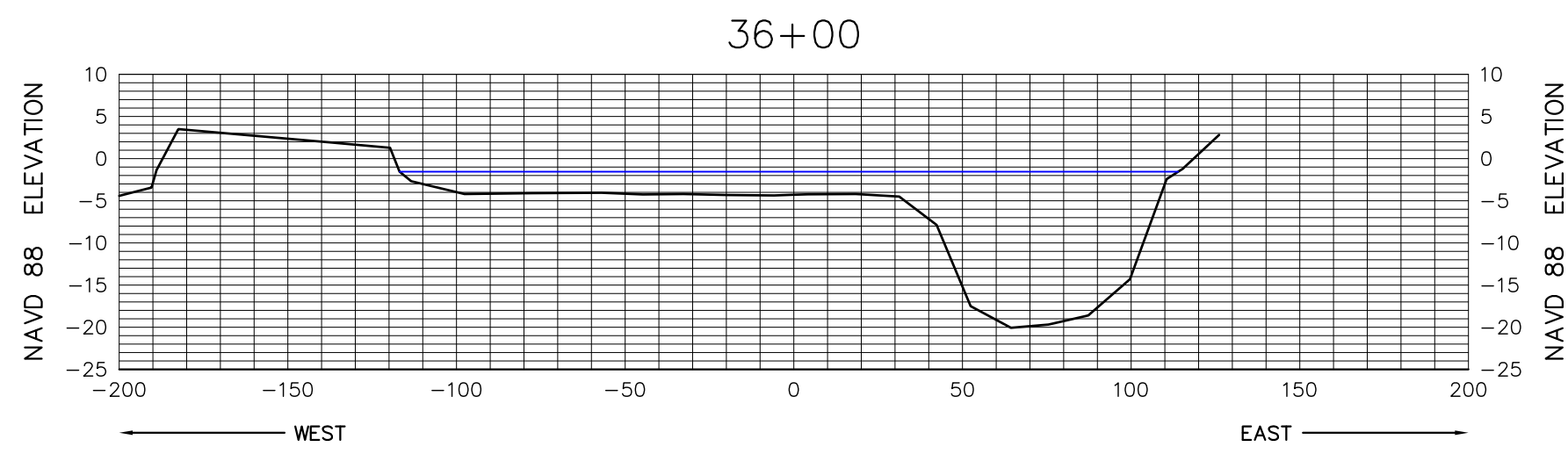
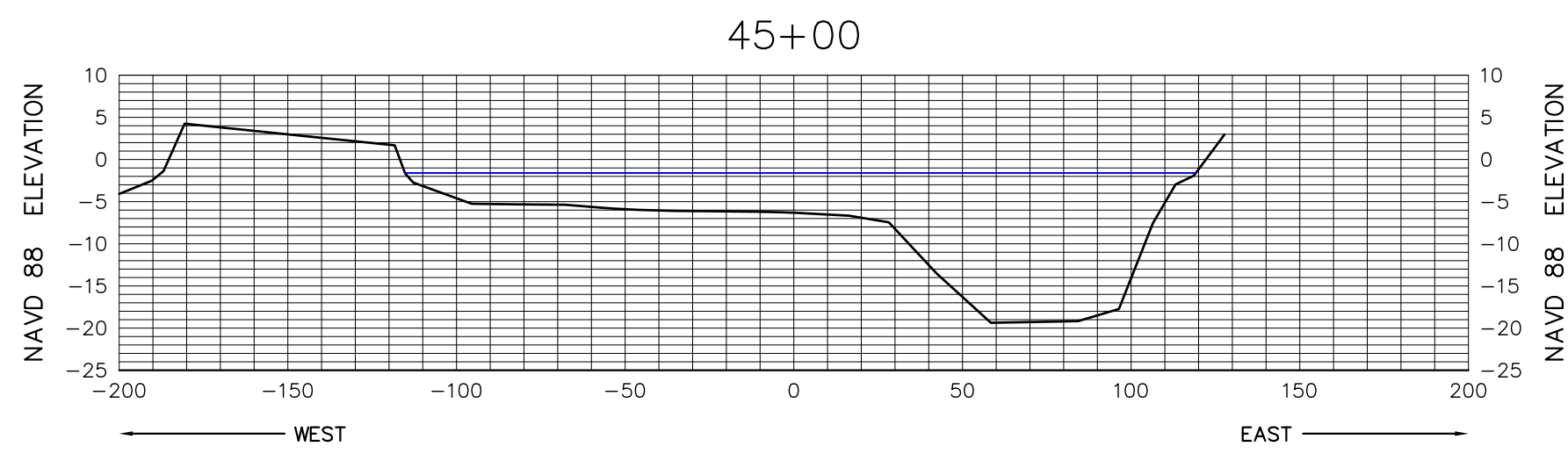
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JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 5E CROSS SECTION VIEW (NAVD 88)				COMMISSION NO. 5009.92
TOPOGRAPHIC & BATHYMETRIC SURVEY TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				SCALE AS SHOWN
DRAWN BY CAG				DATE 6/14/10
CHECKED BY JRM		FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10
				SHEET 76 OF 78





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SUITE 110  
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PHONE: (954) 421-6882  
FAX: (954) 421-0451  
LB # 4298

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, II, PLS  
PROFESSIONAL LAND SURVEYOR # 3520  
STATE OF FLORIDA

CANAL 6E CROSS SECTION VIEW (NAVD 88)

TOPOGRAPHIC & BATHYMETRIC SURVEY  
TURKEY POINT COOLING CANALS  
MIAMI-DADE COUNTY, FLORIDA  
- FOR -  
FLORIDA POWER AND LIGHT

DRAWN BY  
CAG

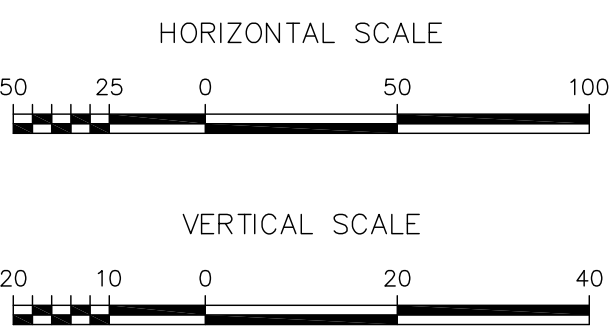
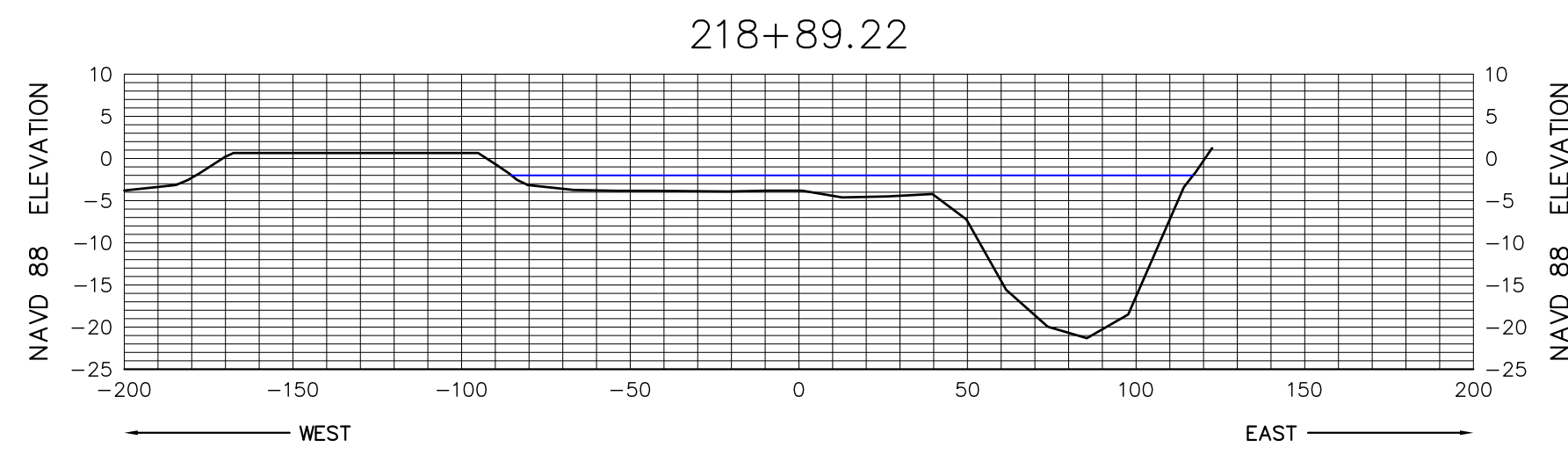
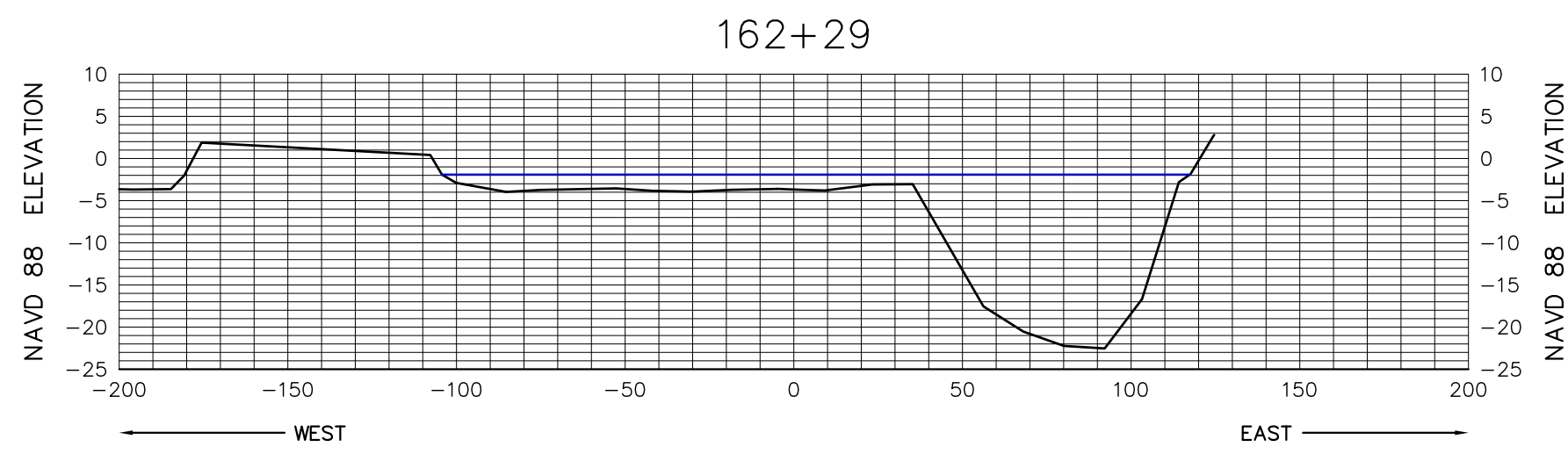
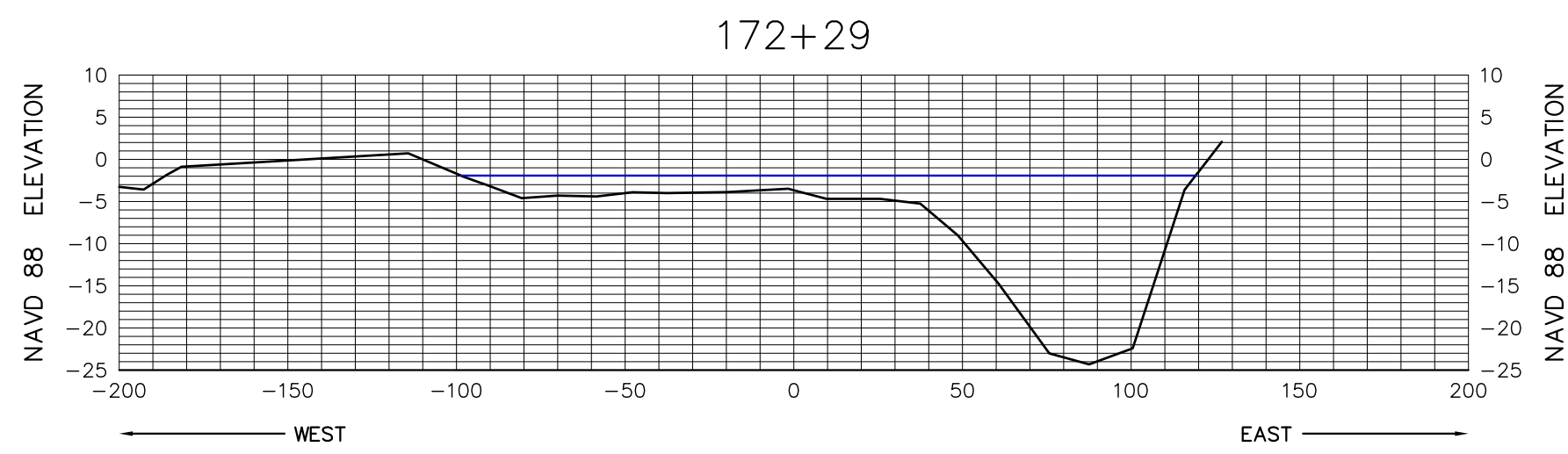
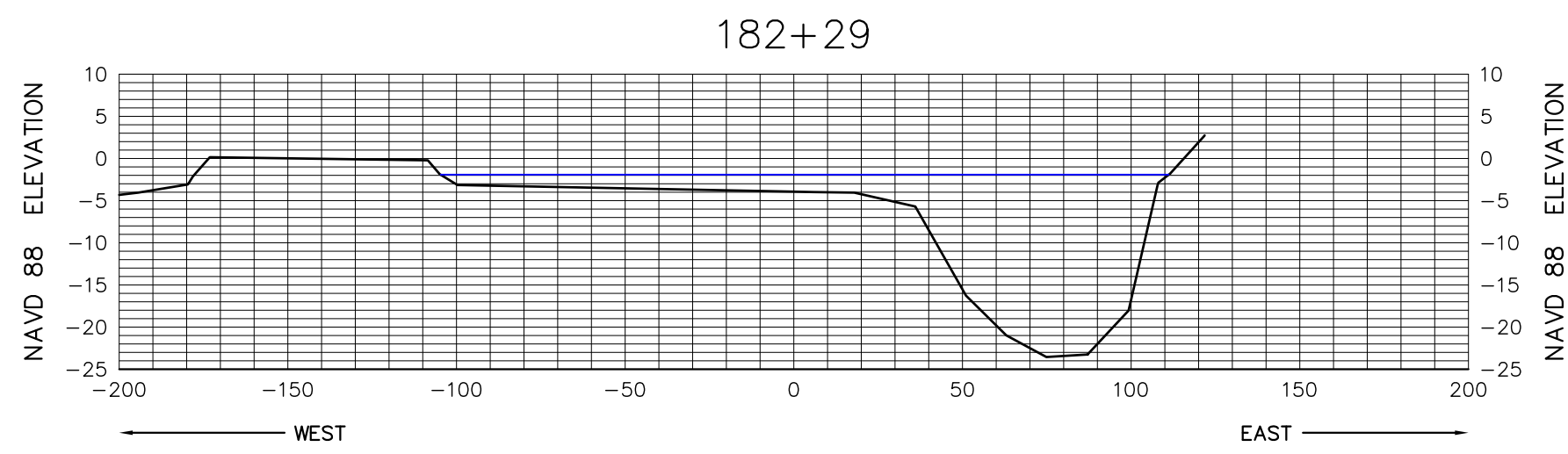
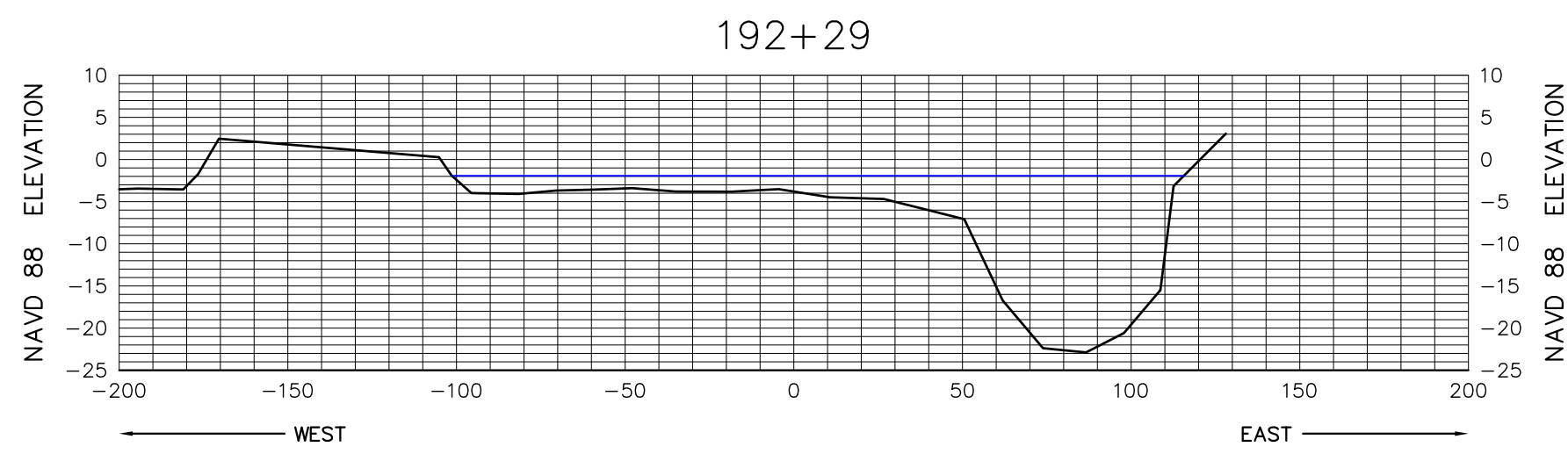
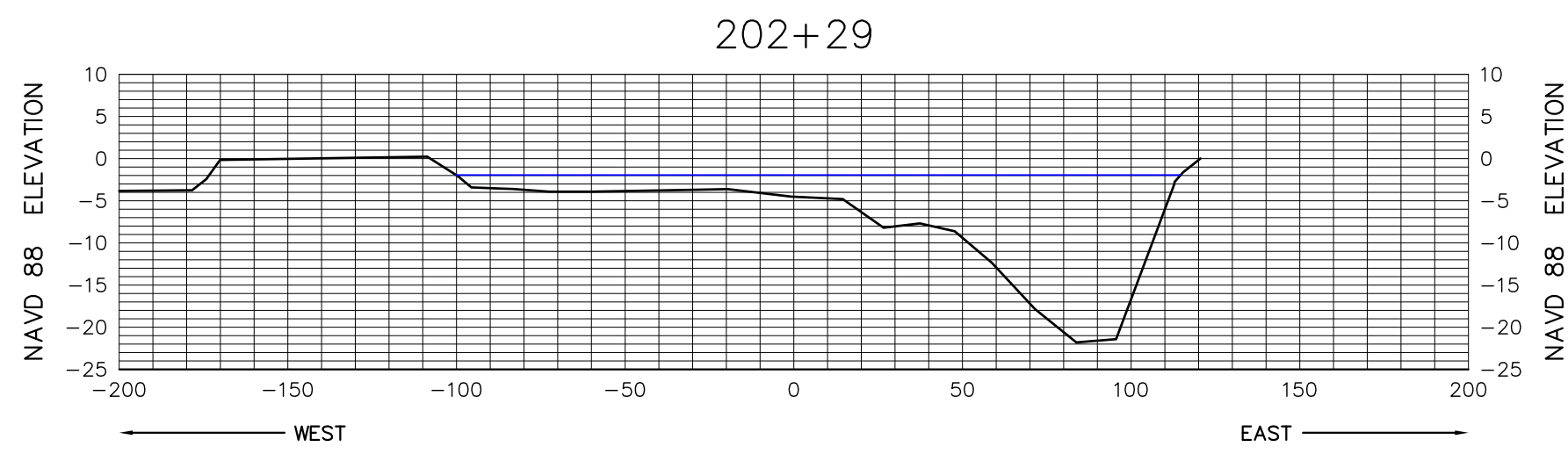
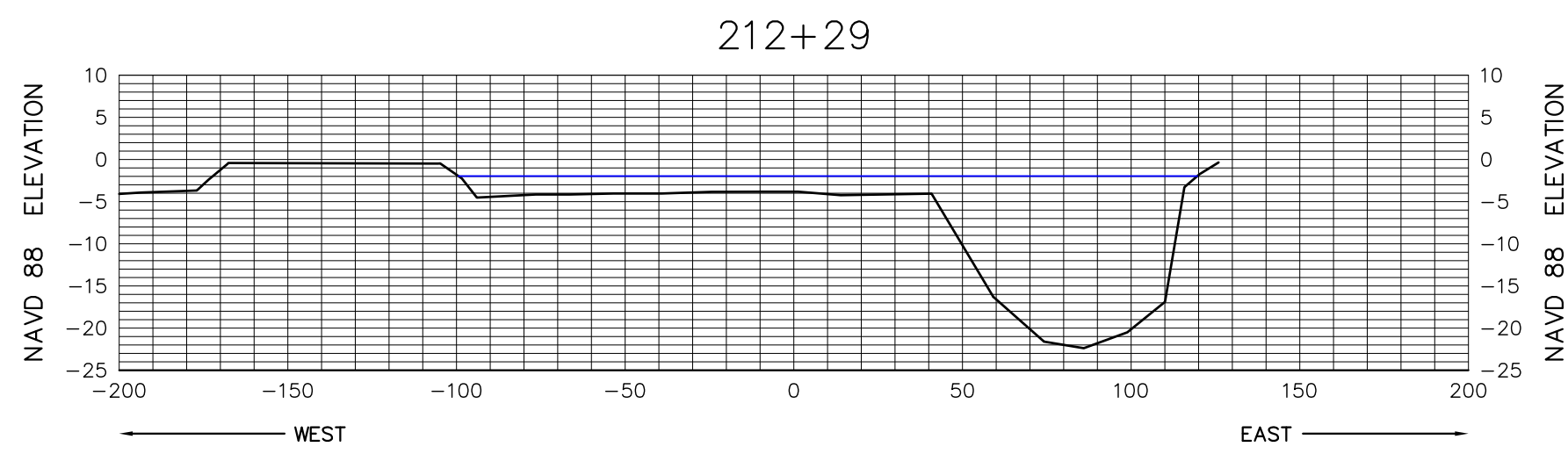
CHECKED BY  
JRM

FIELD BOOK  
PAGE NO.  
SEE  
COVER

DATE OF SURVEY  
6/2/10

COMMISSION NO.  
5009.92  
SCALE  
AS SHOWN  
DATE  
6/14/10  
SHEET 77 OF 78





SEE SHEET 1 FOR NOTES

	<b>MORGAN &amp; EKLUND, INC.</b>		CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.				CANAL 6E CROSS SECTION VIEW (NAVD 88)			
	PROFESSIONAL SURVEY CONSULTANTS						TOPOGRAPHIC & BATHYMETRIC SURVEY			
	8745 US HIGHWAY #1 P.O. BOX 701420 WABASSO, FL 32970 PHONE: (772) 388-5364 FAX: (772) 388-3165		1500 S.E. 3RD COURT SUITE 110 DEERFIELD BEACH, FL 33441 PHONE: (954) 421-6882 FAX: (954) 421-0451		TURKEY POINT COOLING CANALS MIAMI-DADE COUNTY, FLORIDA - FOR - FLORIDA POWER AND LIGHT				COMMISSION NO. 5009.92	
	LB # 4298				DATE 6/14/10				SHEET 78 OF 78	
				DRAWN BY CAG		CHECKED BY JRM	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 6/2/10	