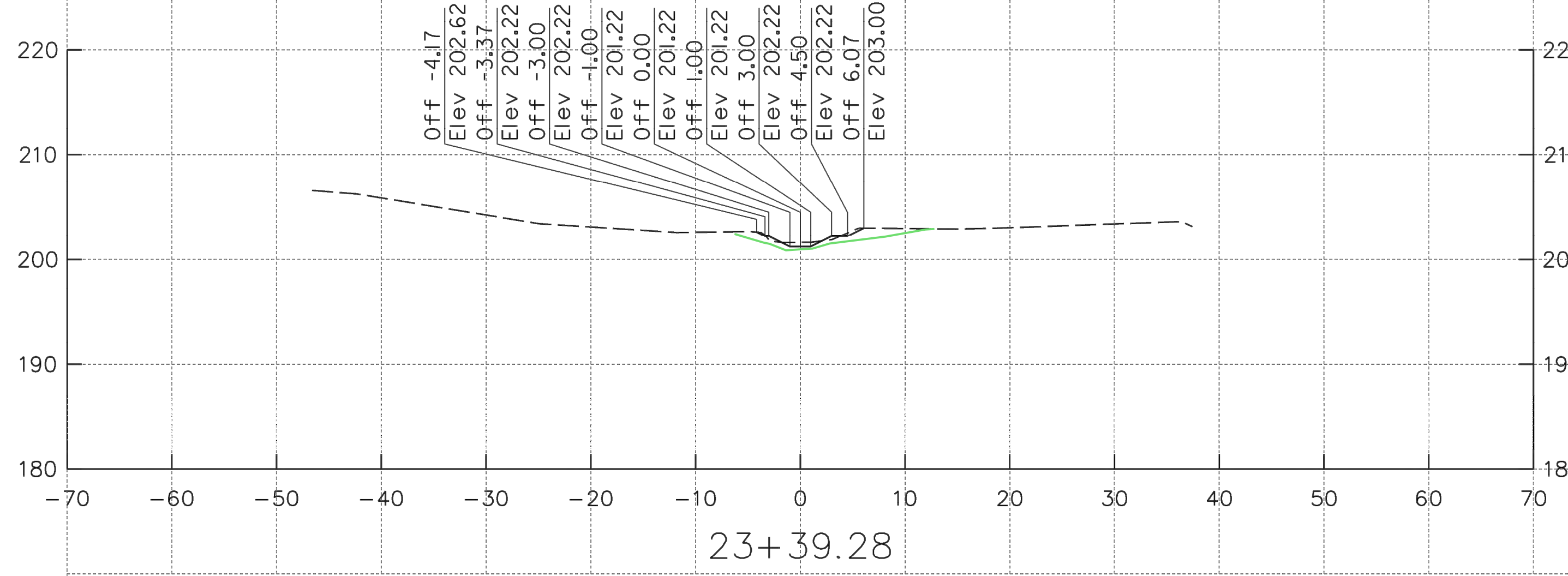
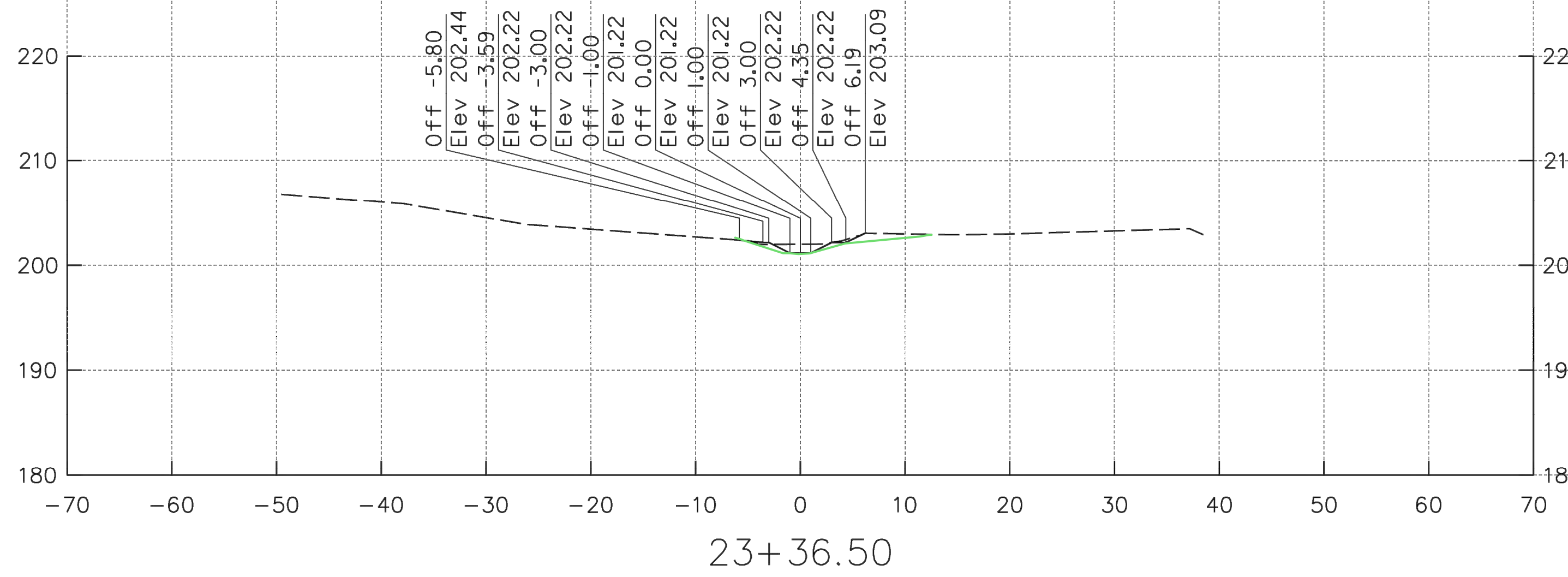


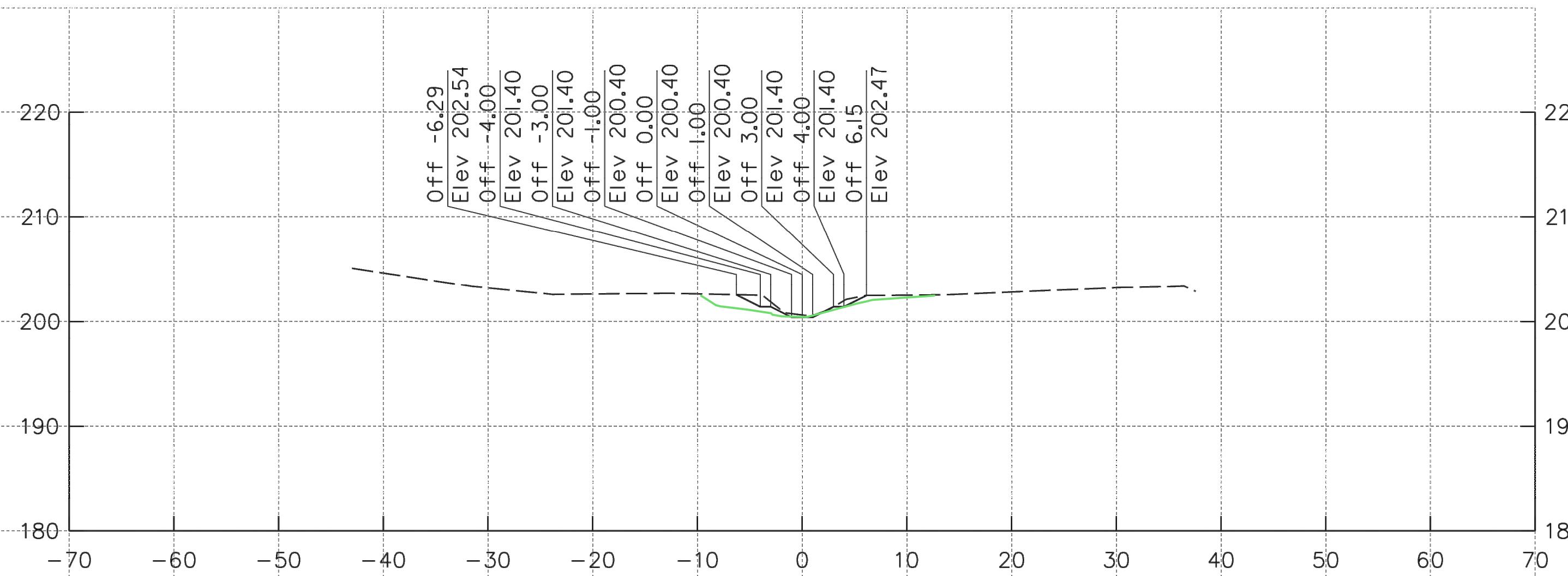
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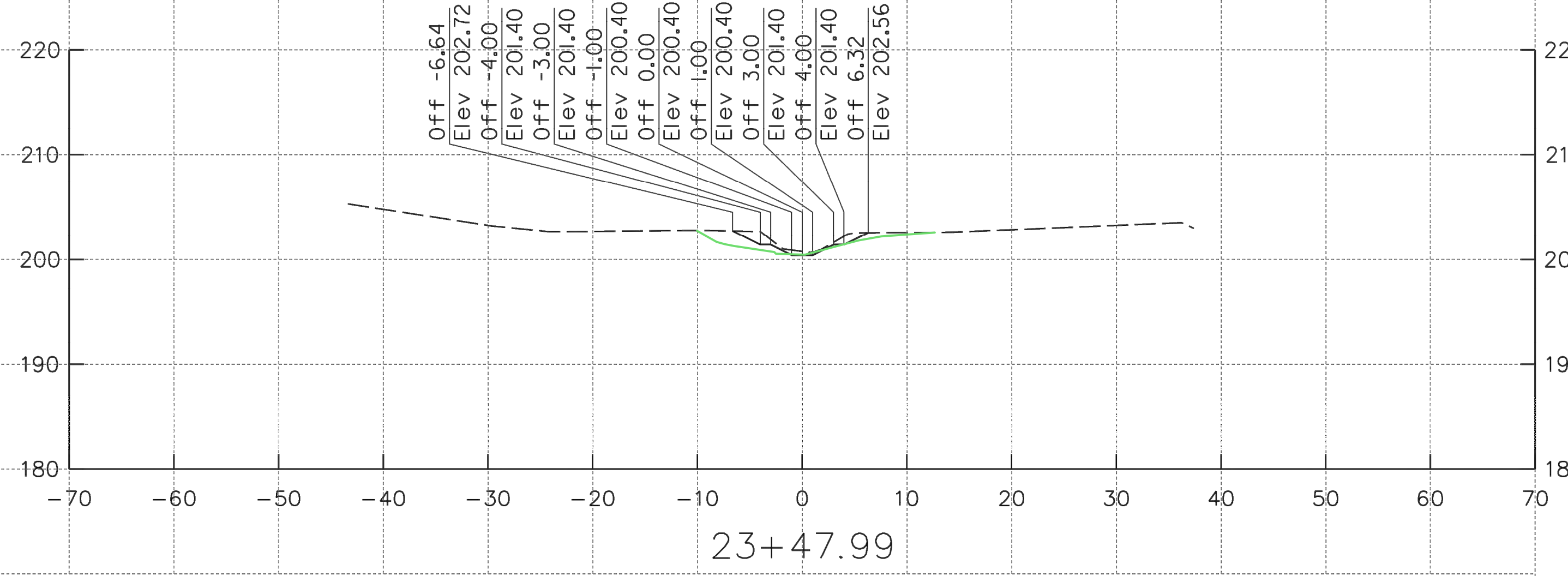
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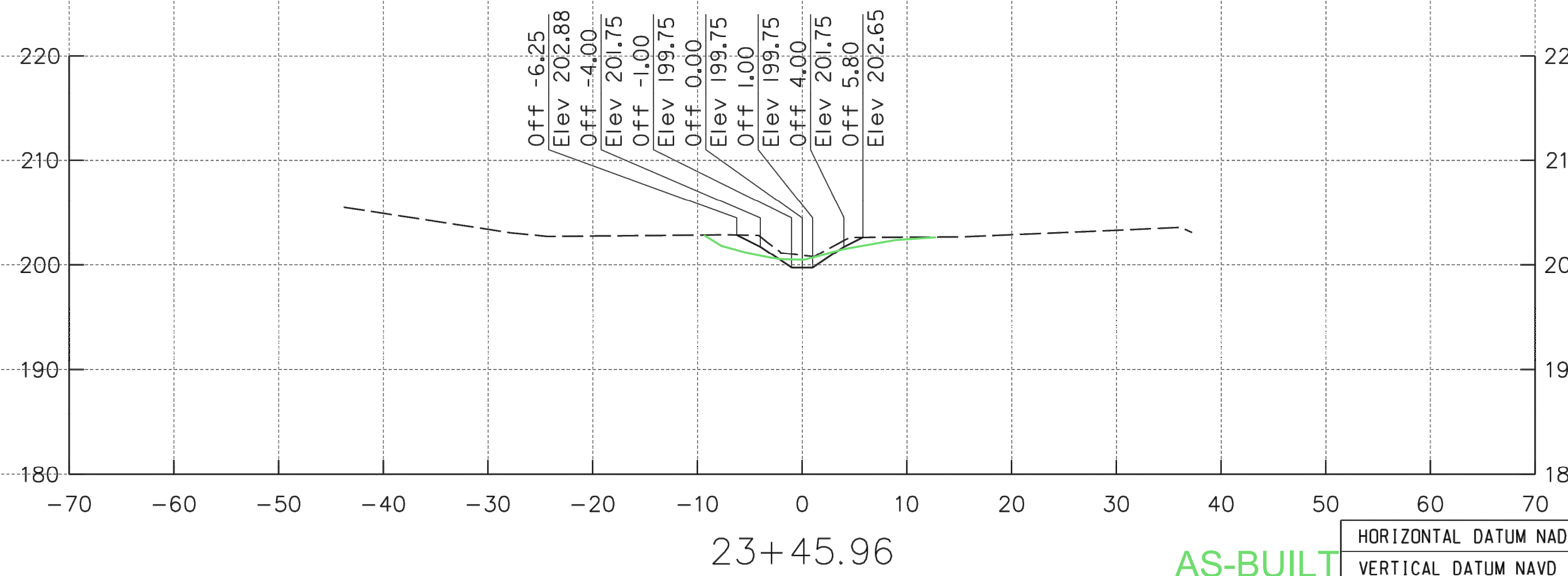
23+36.50



23+50.00



23+47.99



23+45.96

AS-BUILT
HORIZONTAL DATUM NAD 83/91
VERTICAL DATUM NAVD 88

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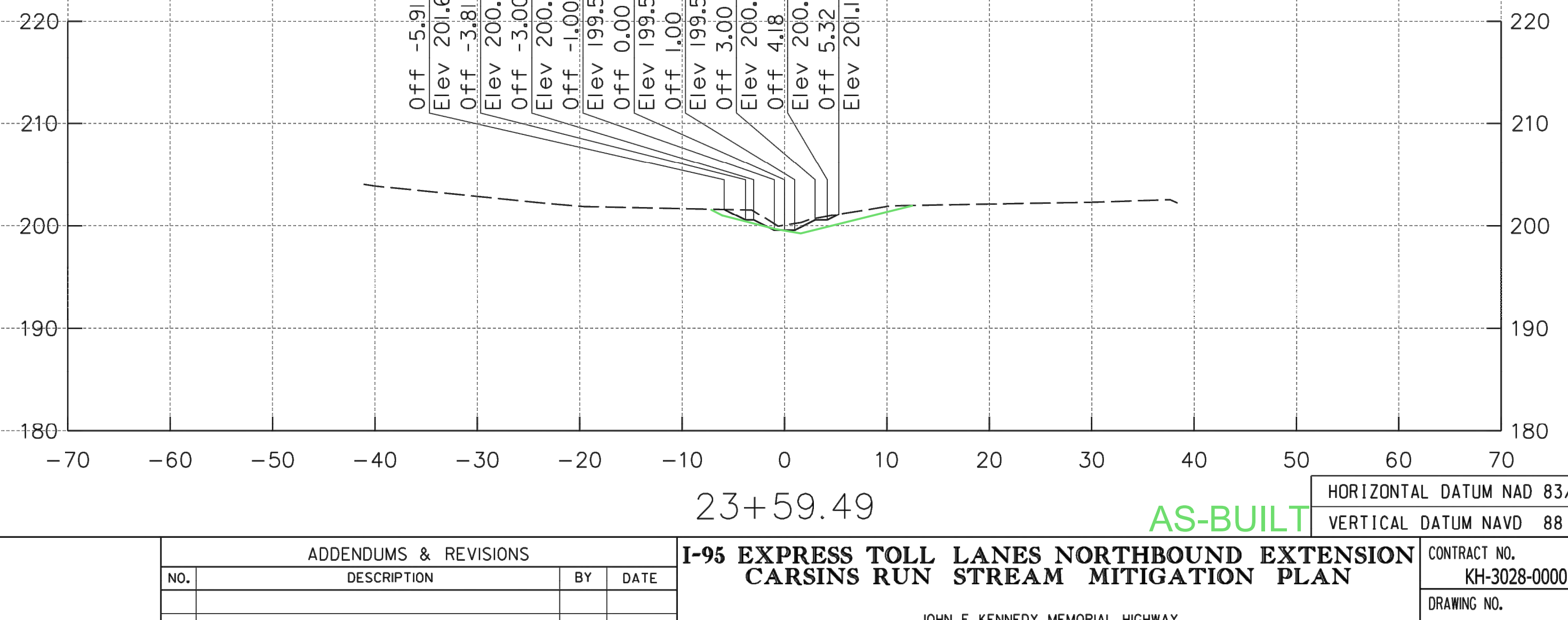
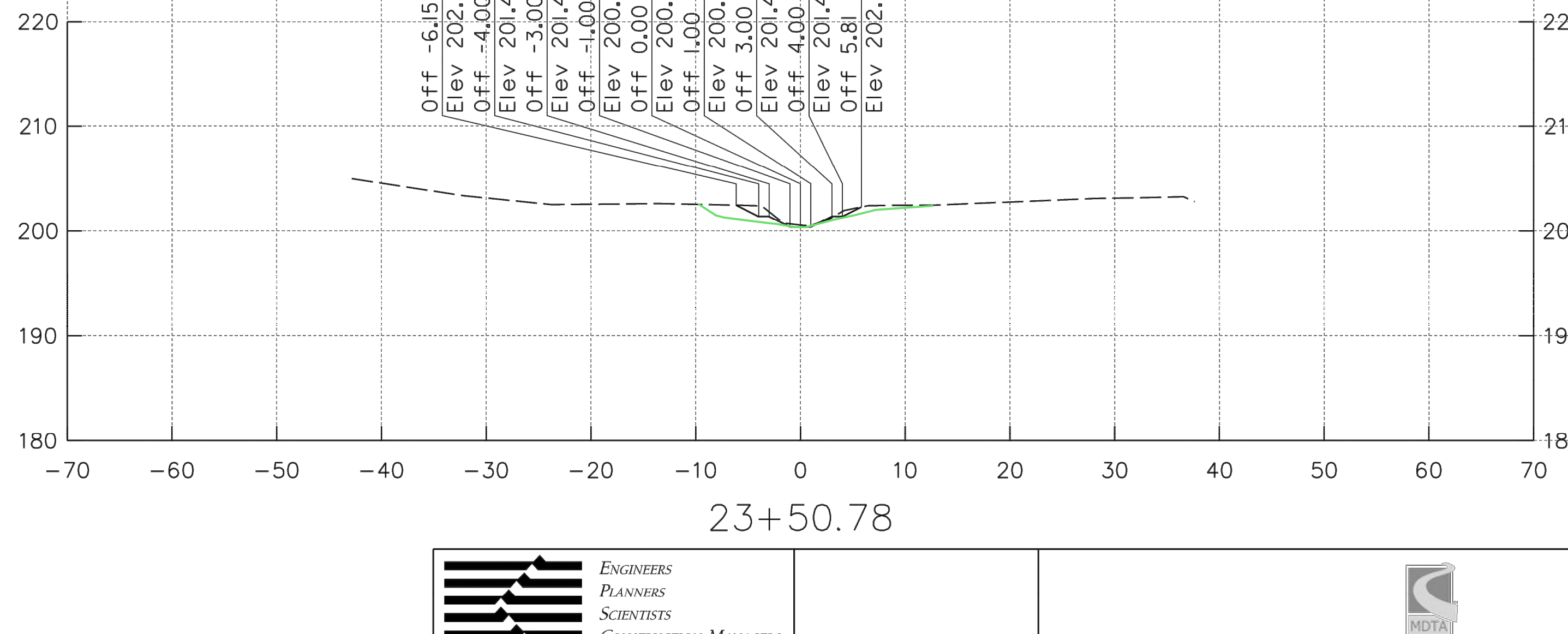
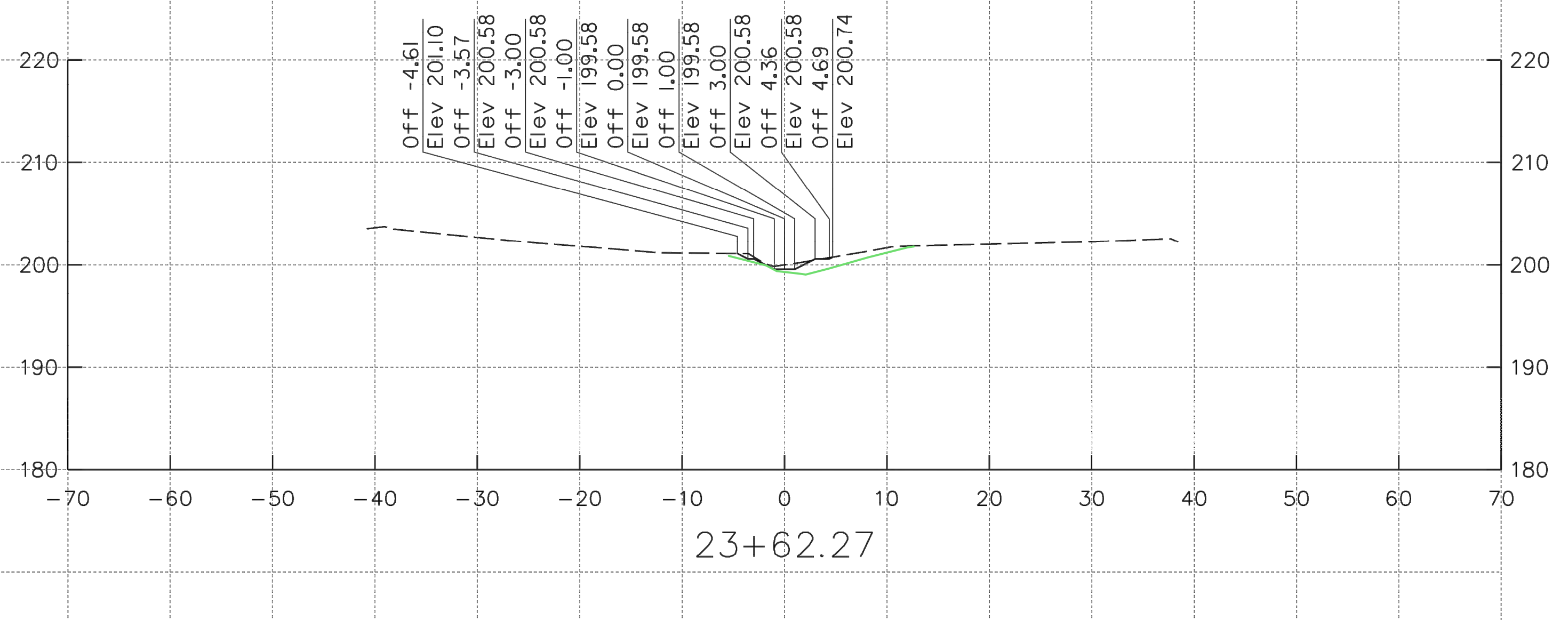
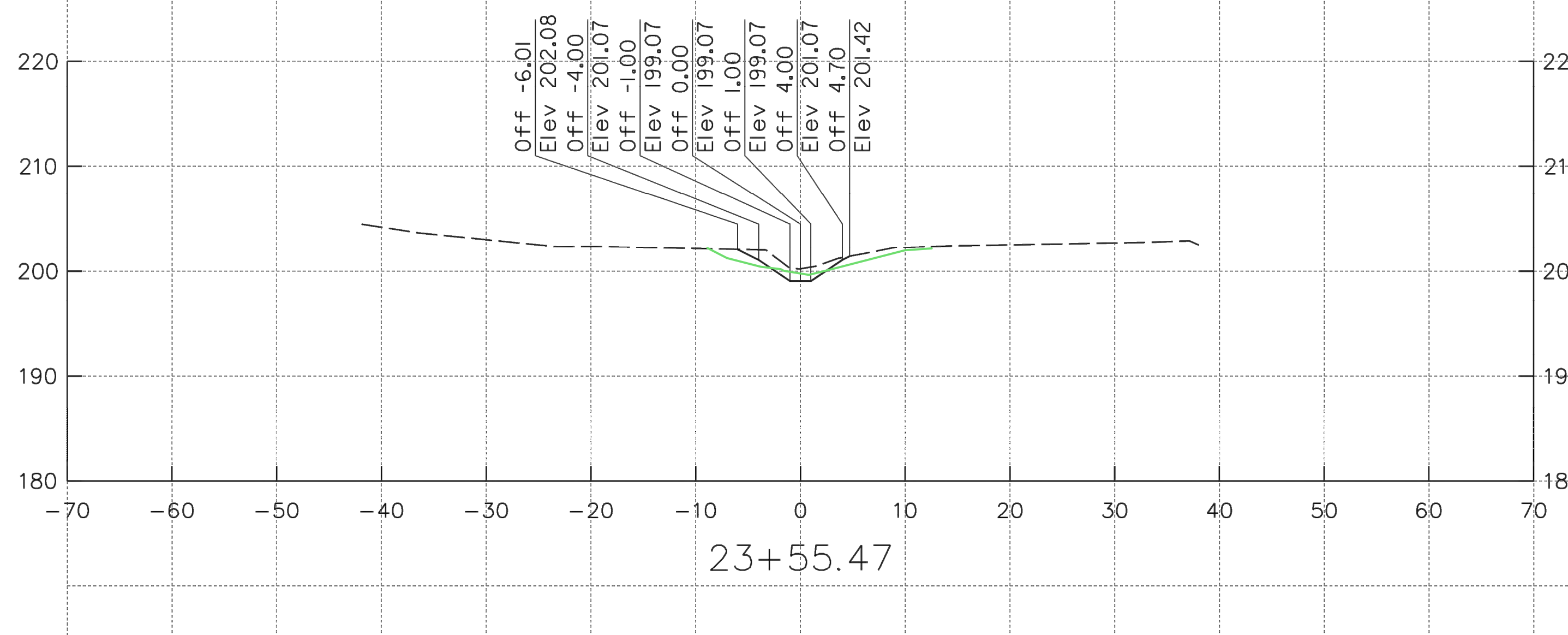
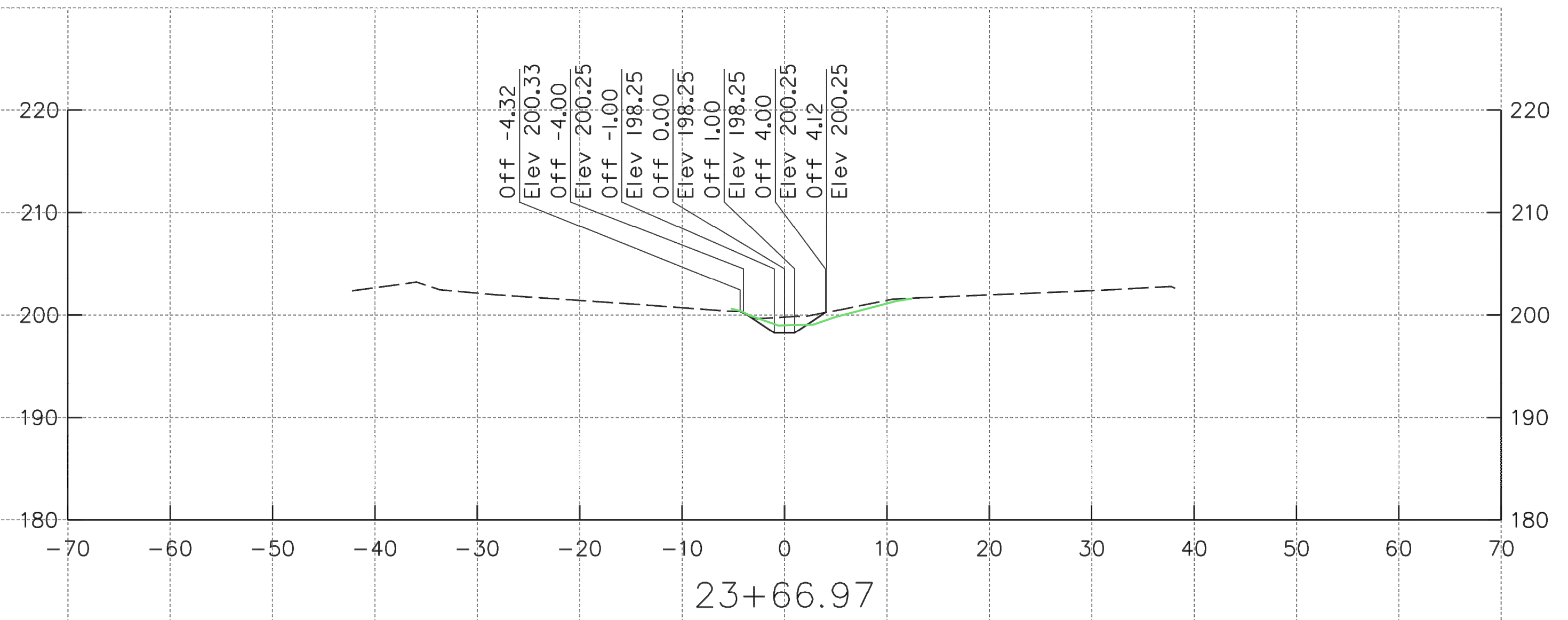
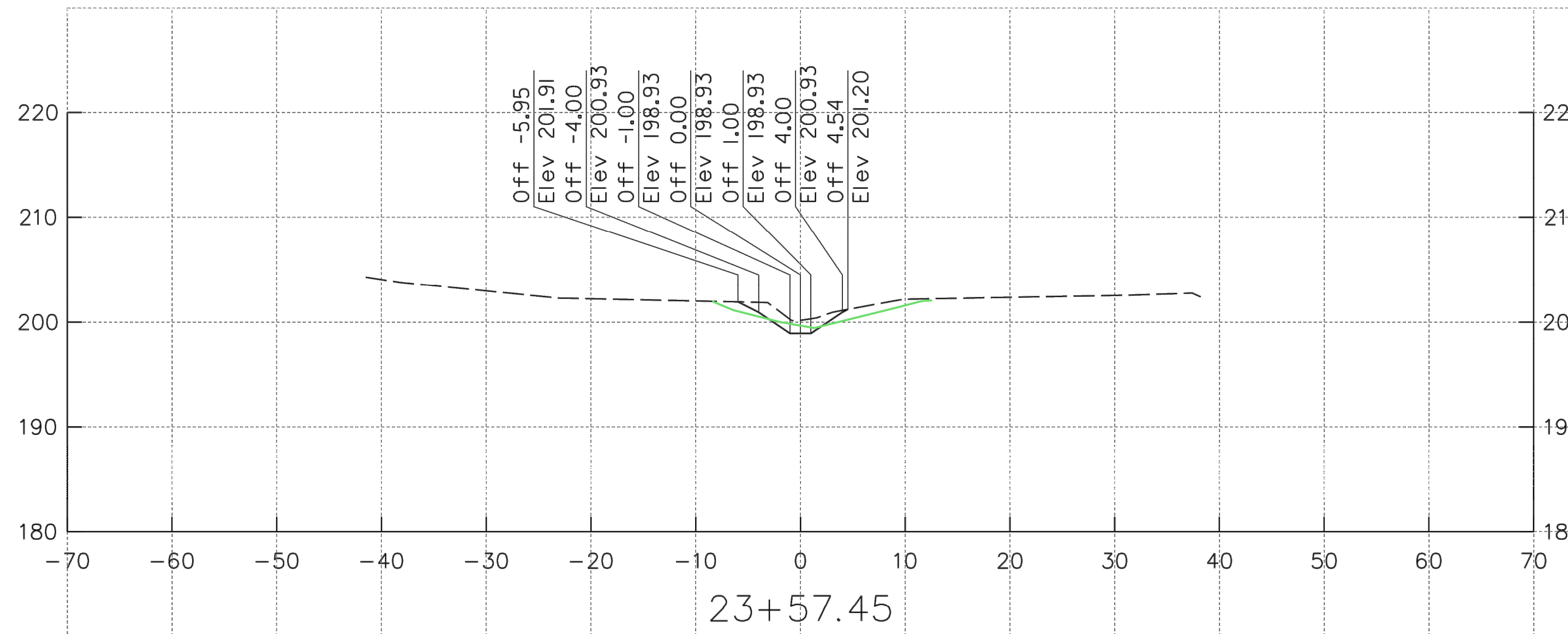
Maryland Transportation Authority
Engineering Division

ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARSINS RUN STREAM MITIGATION PLAN
JOHN F. KENNEDY MEMORIAL HIGHWAY
HARFORD COUNTY
STREAM CROSS SECTIONS

DESIGNED BY SL DRAWN BY JS CHECKED BY SL
CONST. REVIEW BY _____ DATE OCTOBER, 2019 SCALE 1" = 10'

CONTRACT NO.
KH-3028-0000
DRAWING NO.
HC-09
SHEET NO.
48 OF 87



AS-BUILT
 HORIZONTAL DATUM NAD 83/91
 VERTICAL DATUM NAVD 88

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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

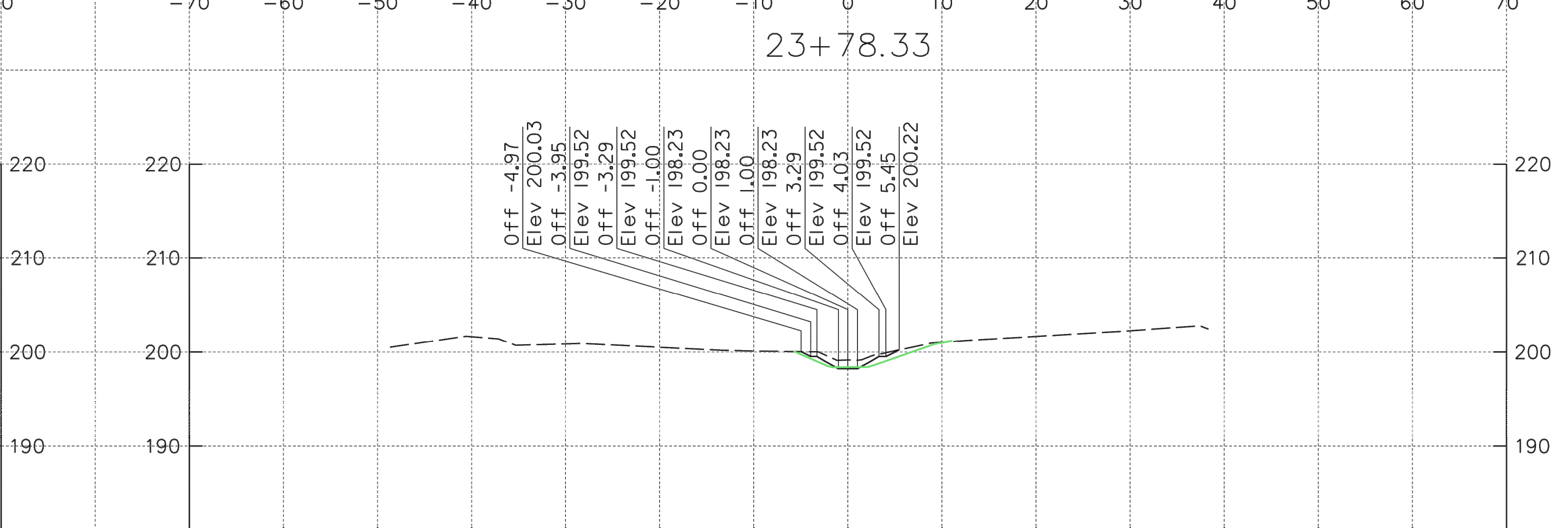
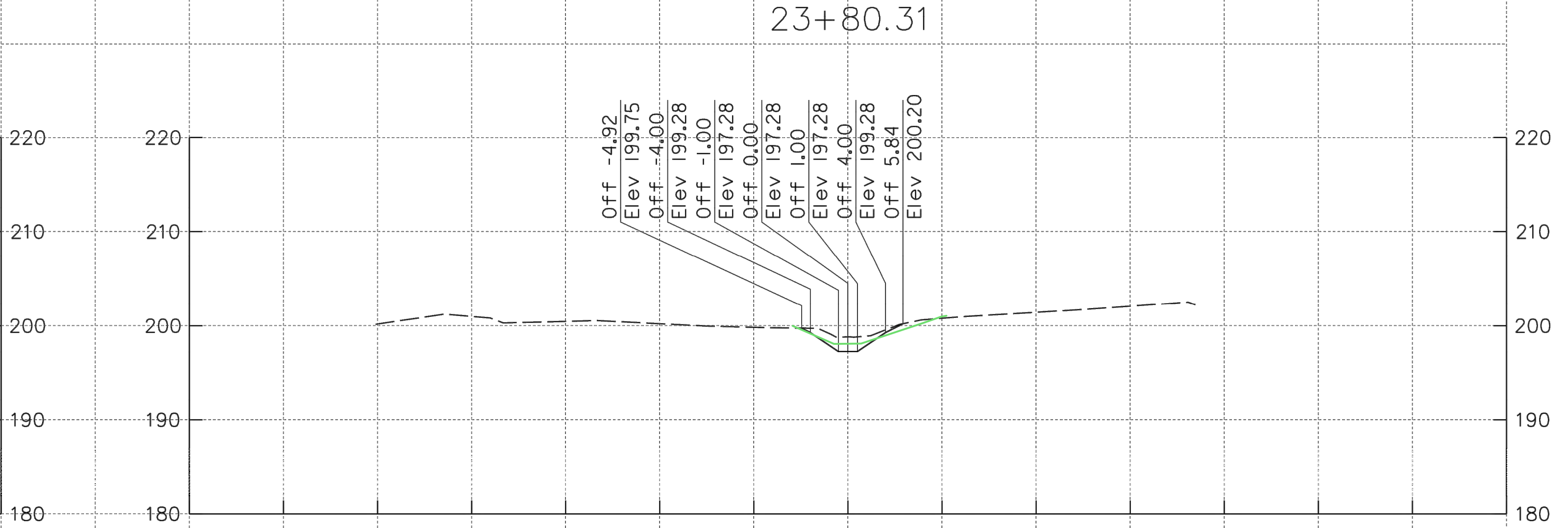
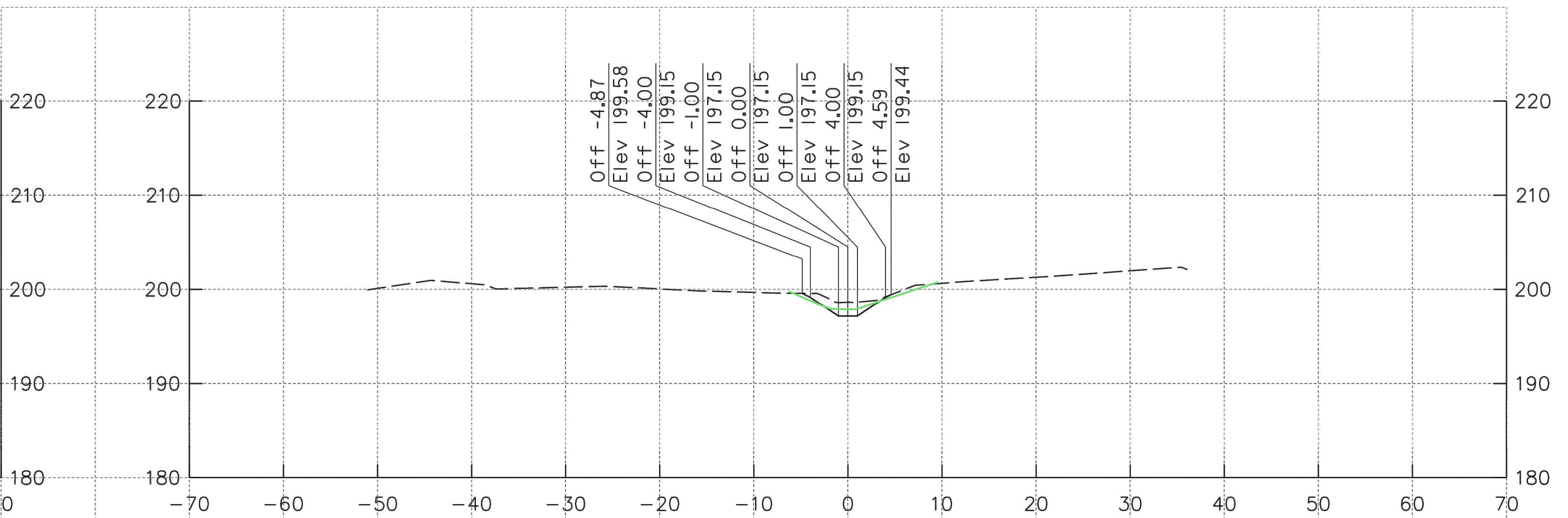
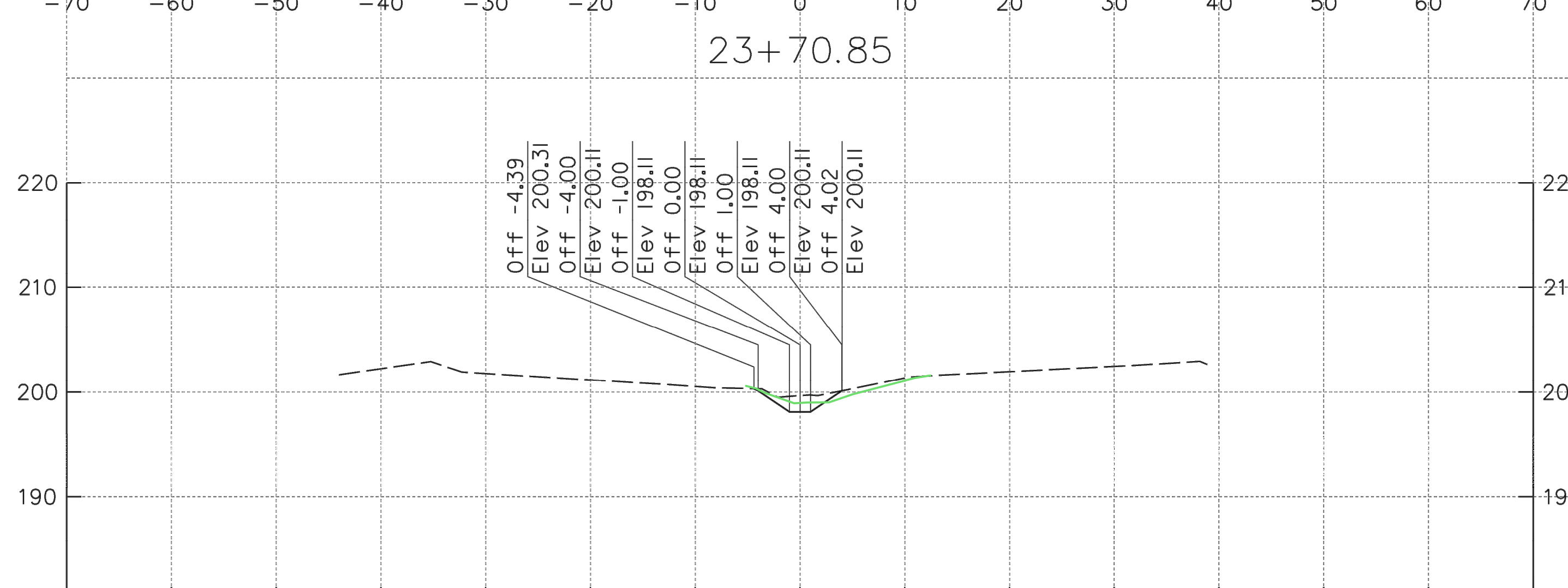
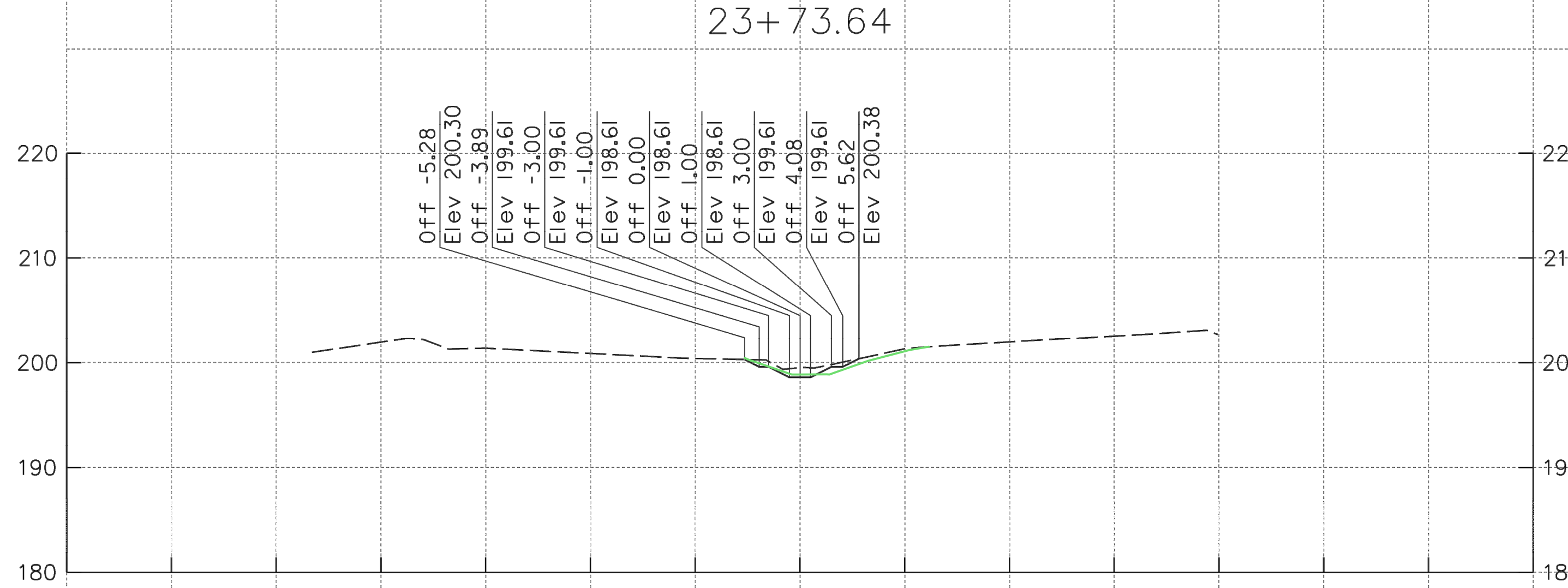
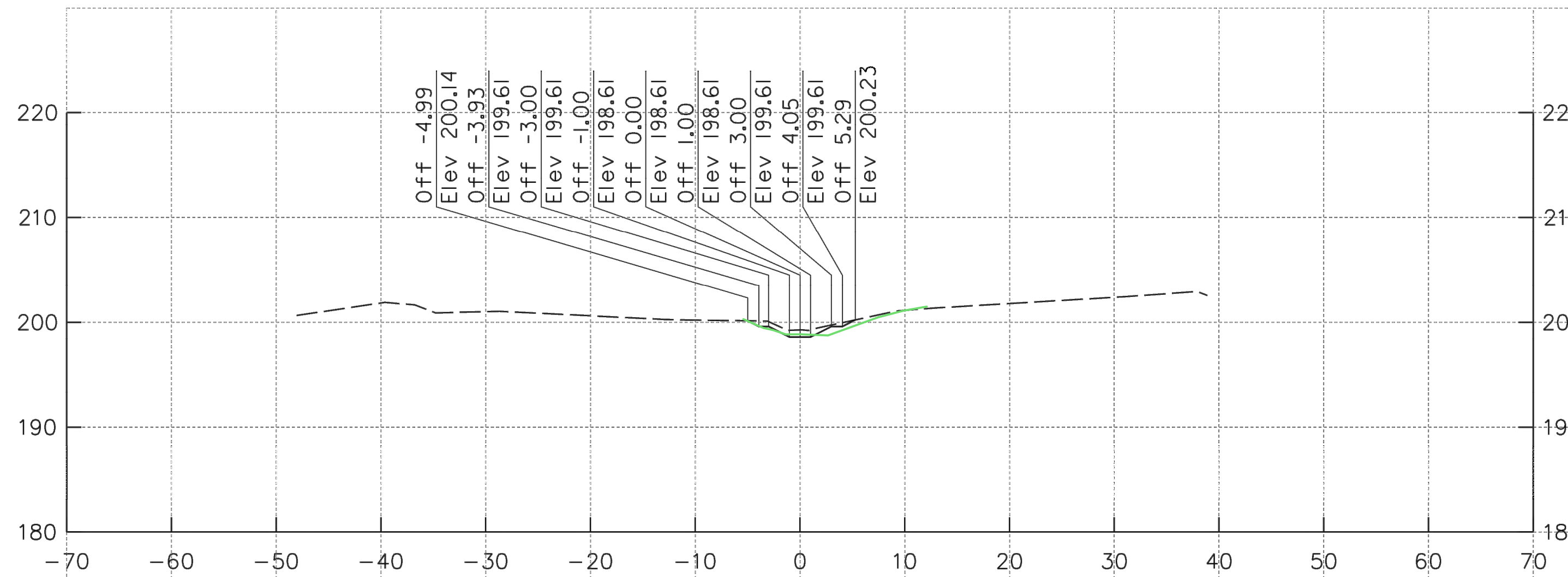
**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY

STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL	SHEET NO.
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'	49 OF 87

CONTRACT NO. KH-3028-0000
 DRAWING NO. **HC-10**
 UPDATED: 31JUL18



AS-BUILT
 HORIZONTAL DATUM NAD 83/91
 VERTICAL DATUM NAVD 88

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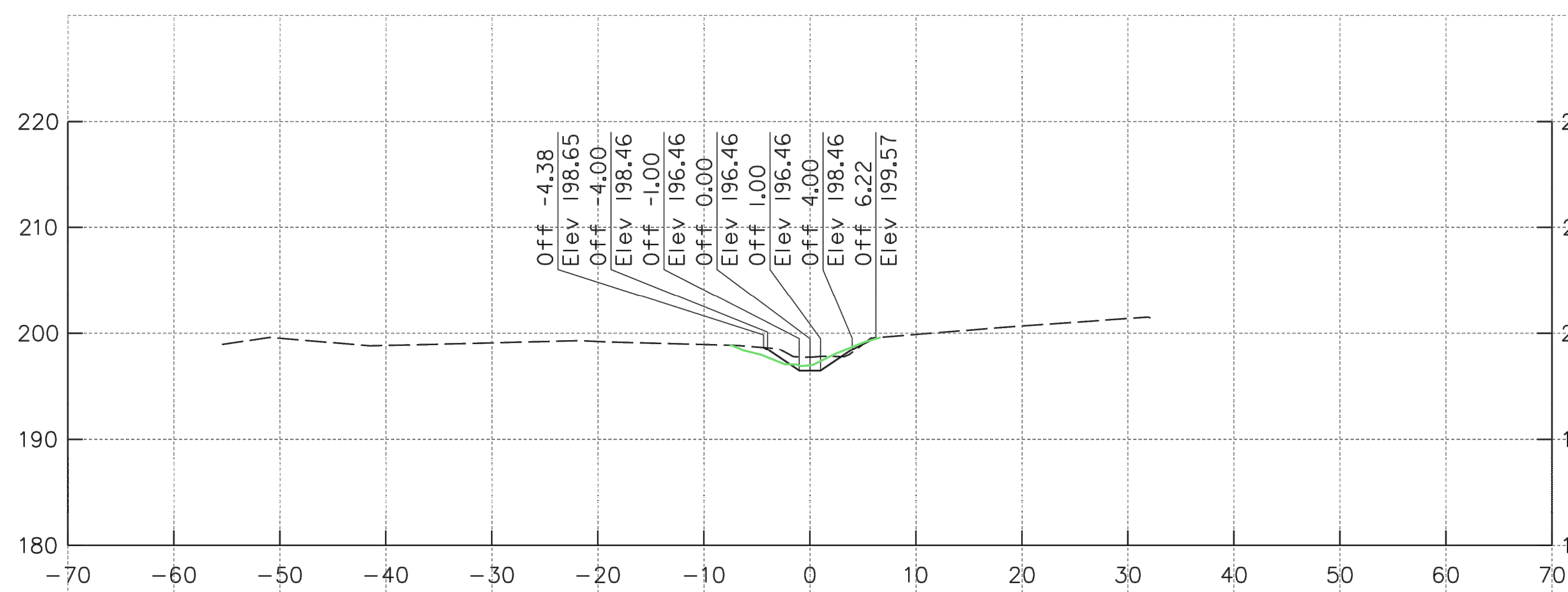
ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**

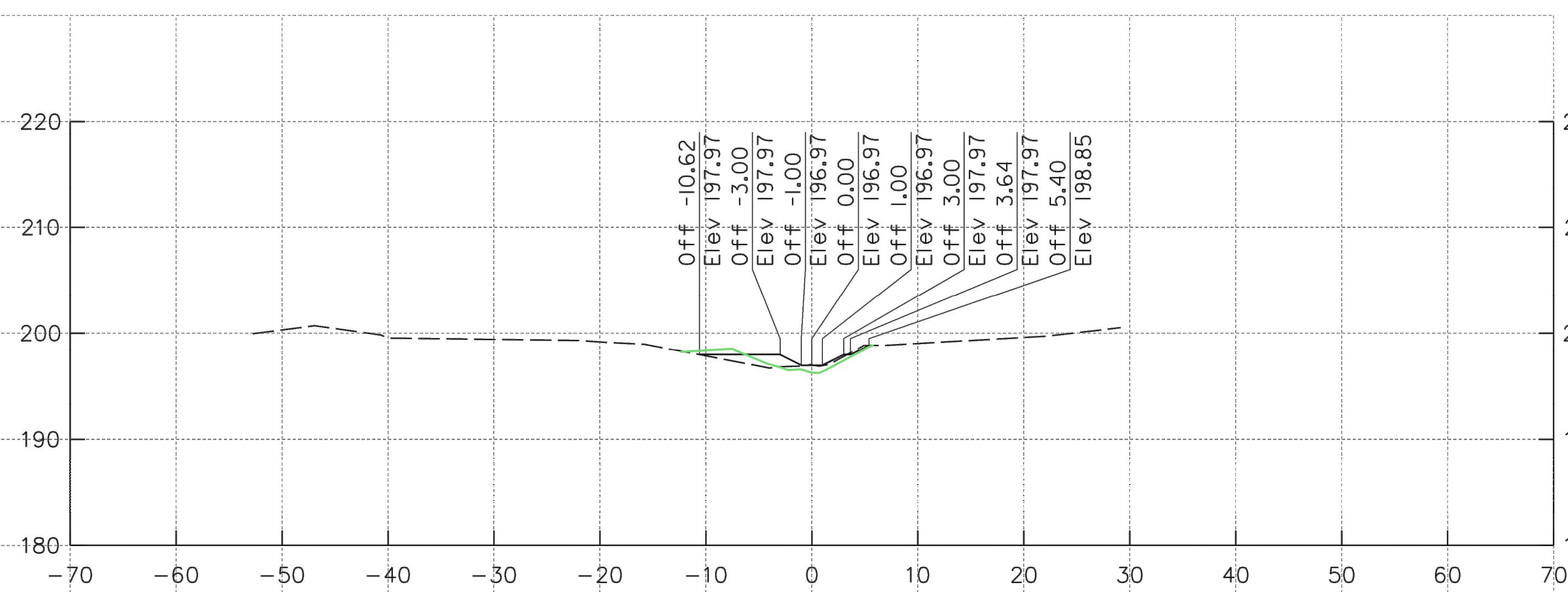
JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY
 STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'

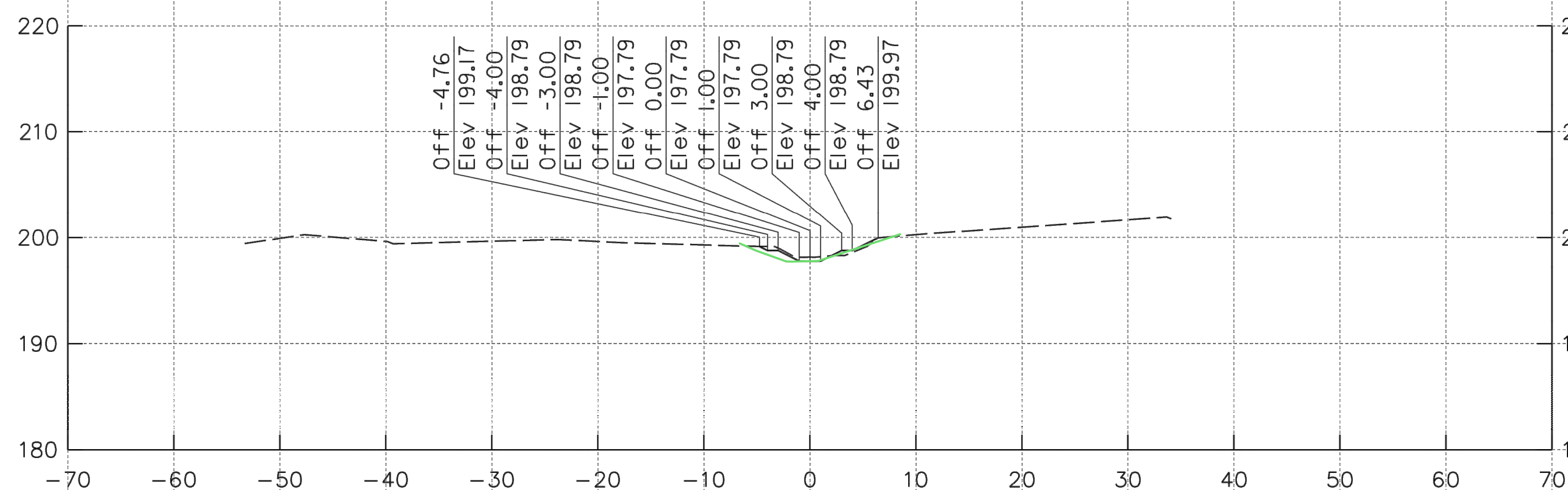
CONTRACT NO. KH-3028-0000
 DRAWING NO. **HC-11**
 SHEET NO. 50 OF 87



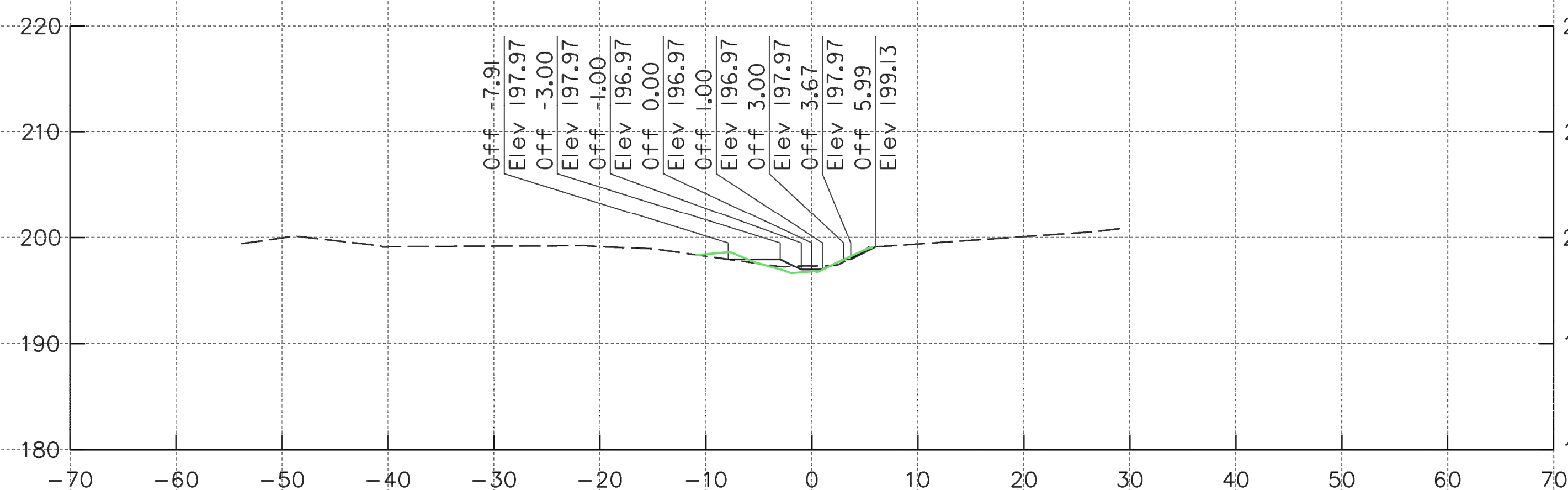
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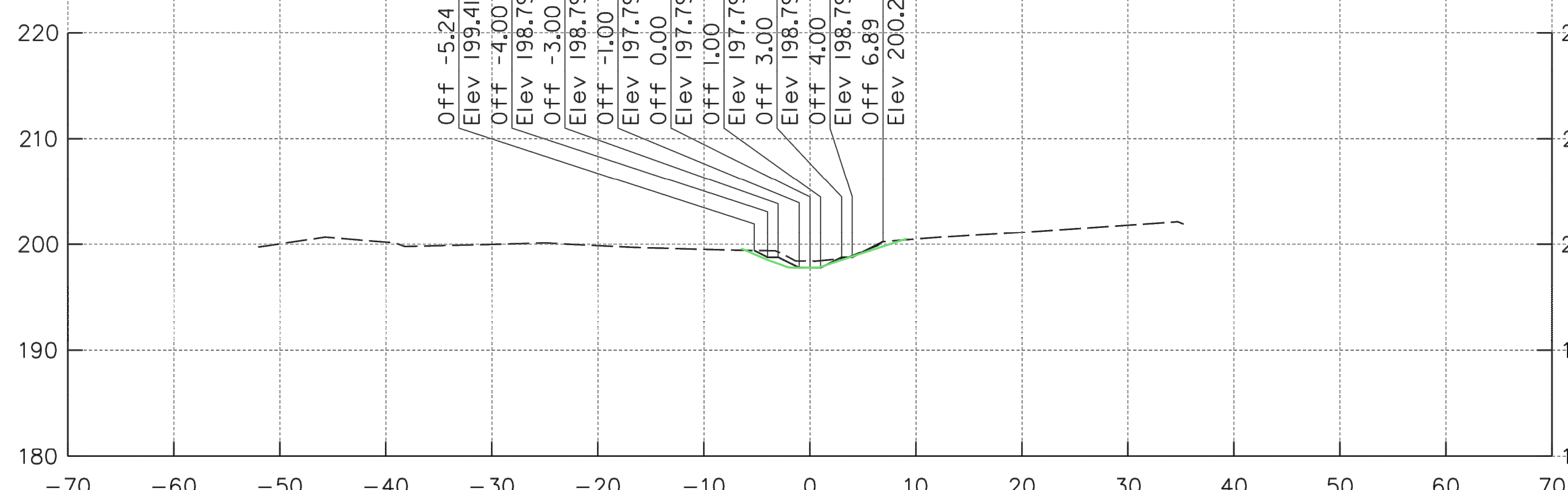
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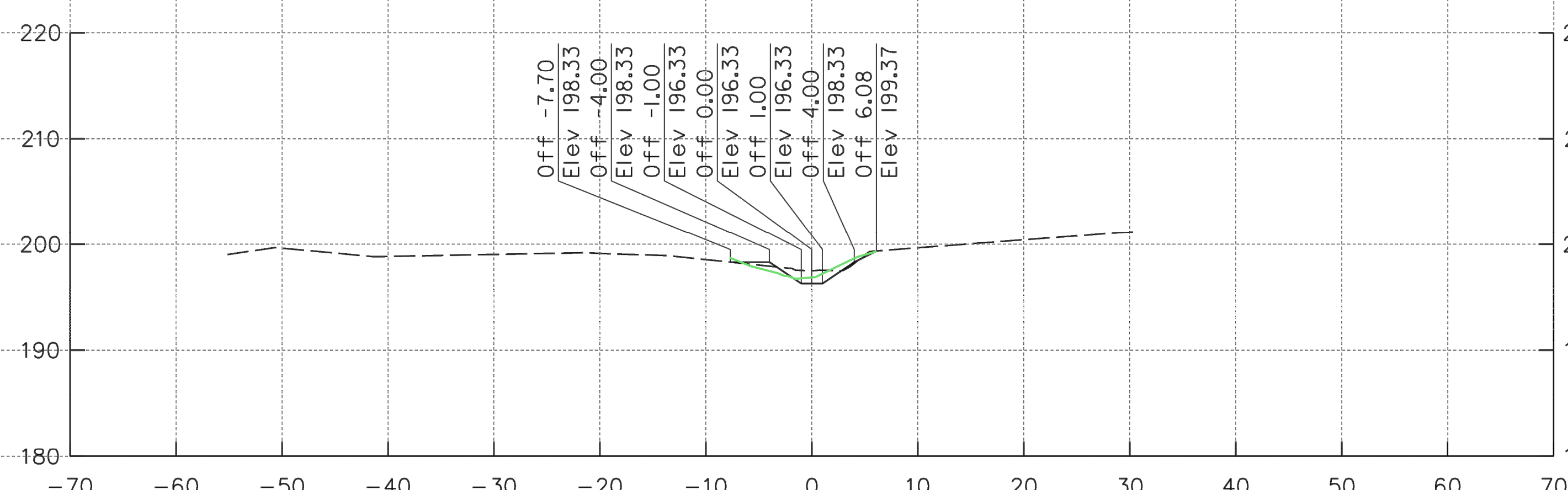
23+85.13



23+93.84



23+82.35



23+91.91

AS-BUILT
HORIZONTAL DATUM NAD 83/91
VERTICAL DATUM NAVD 88

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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

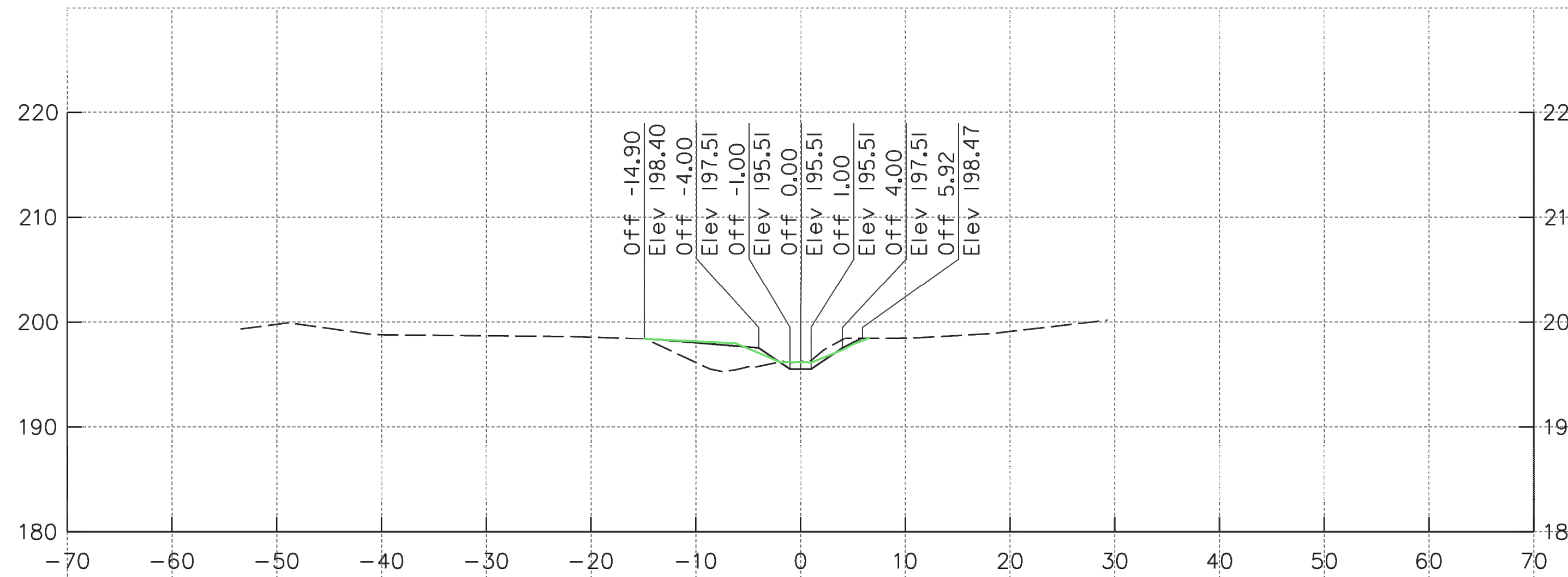
**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARSINS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
HARFORD COUNTY

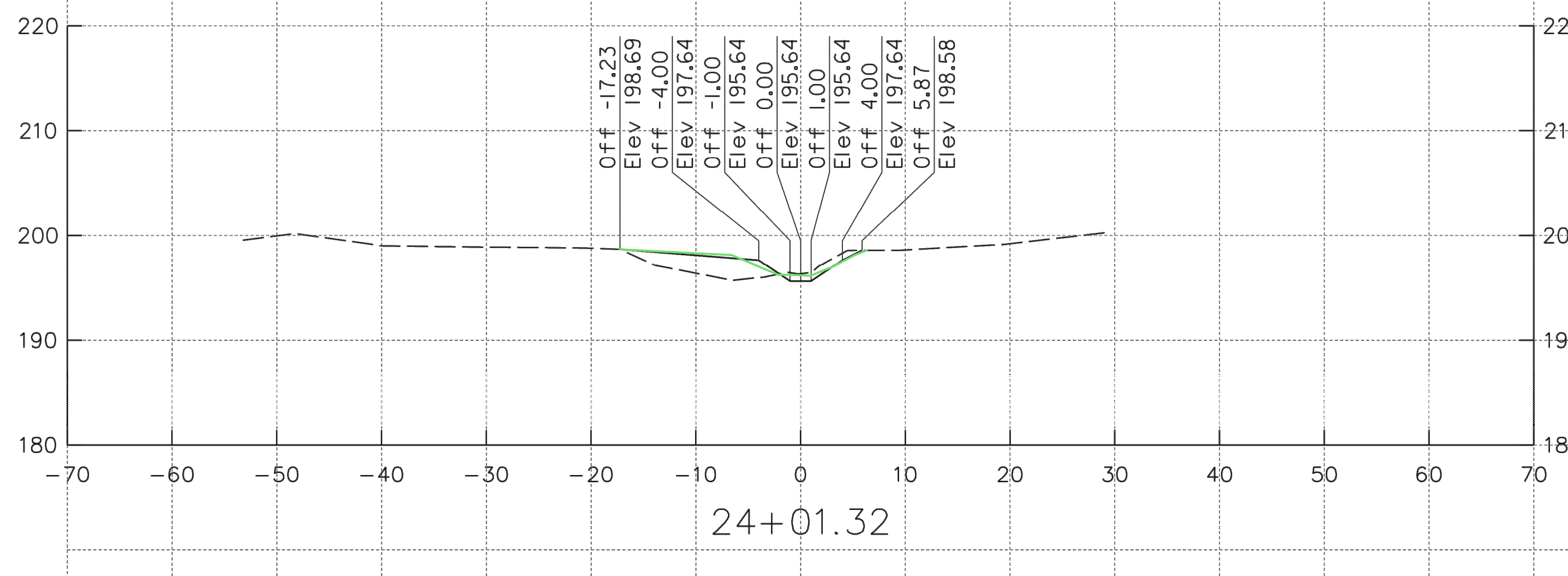
STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'

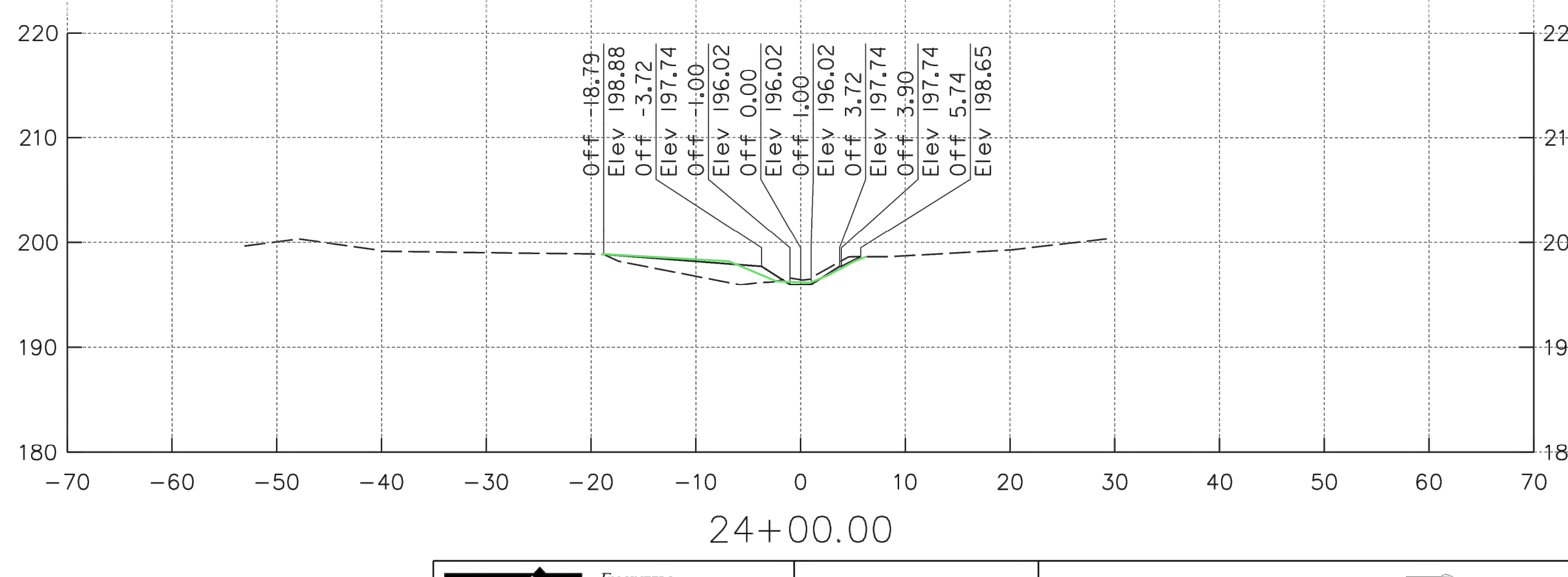
CONTRACT NO. KH-3028-0000
DRAWING NO. **HC-12**
SHEET NO. 51 OF 87



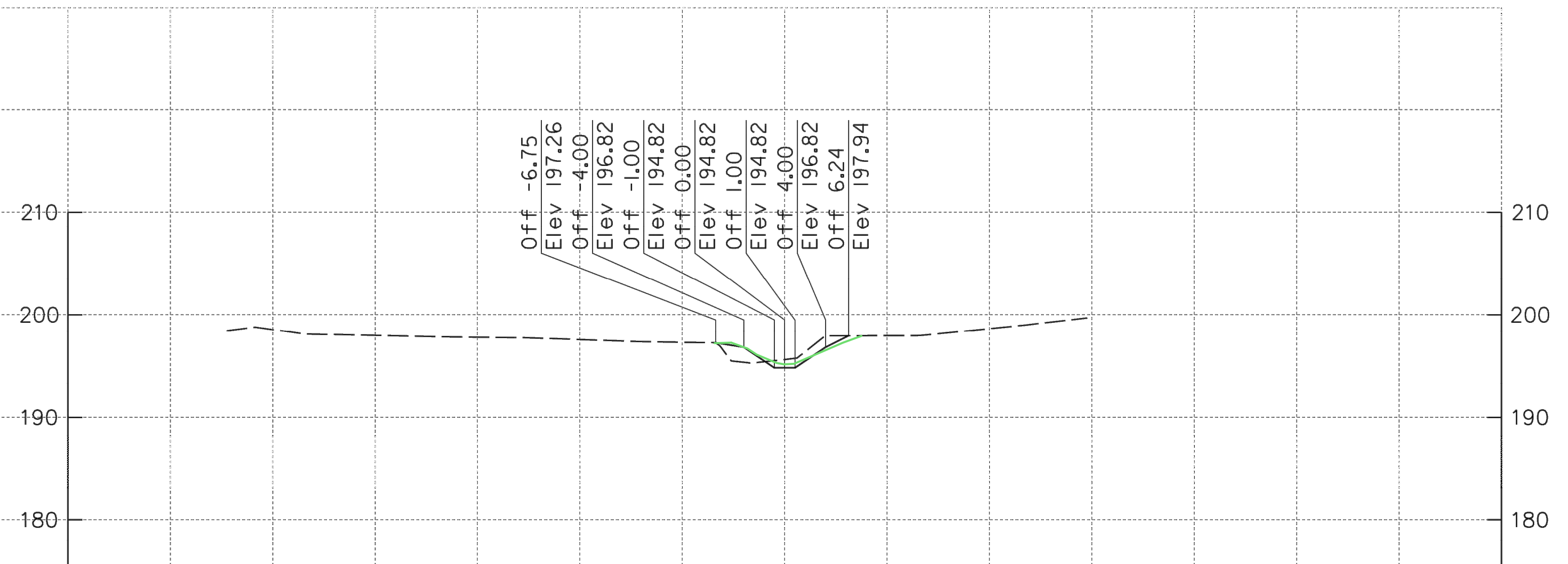
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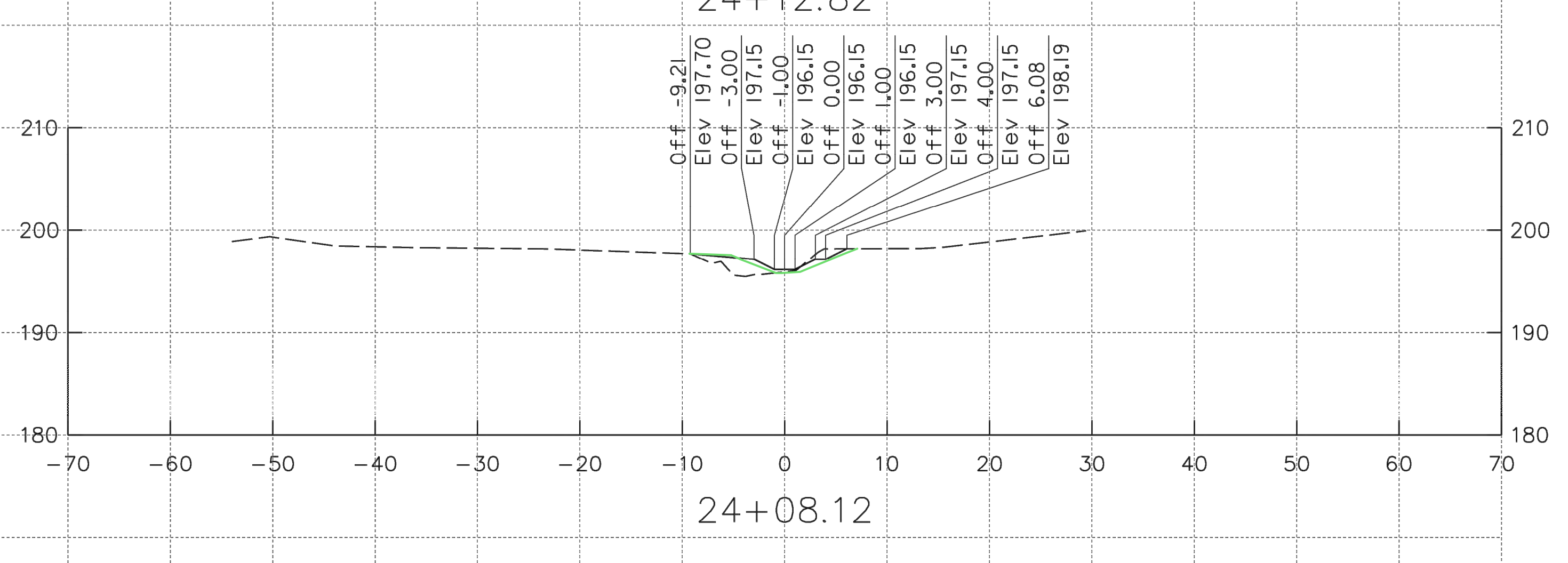
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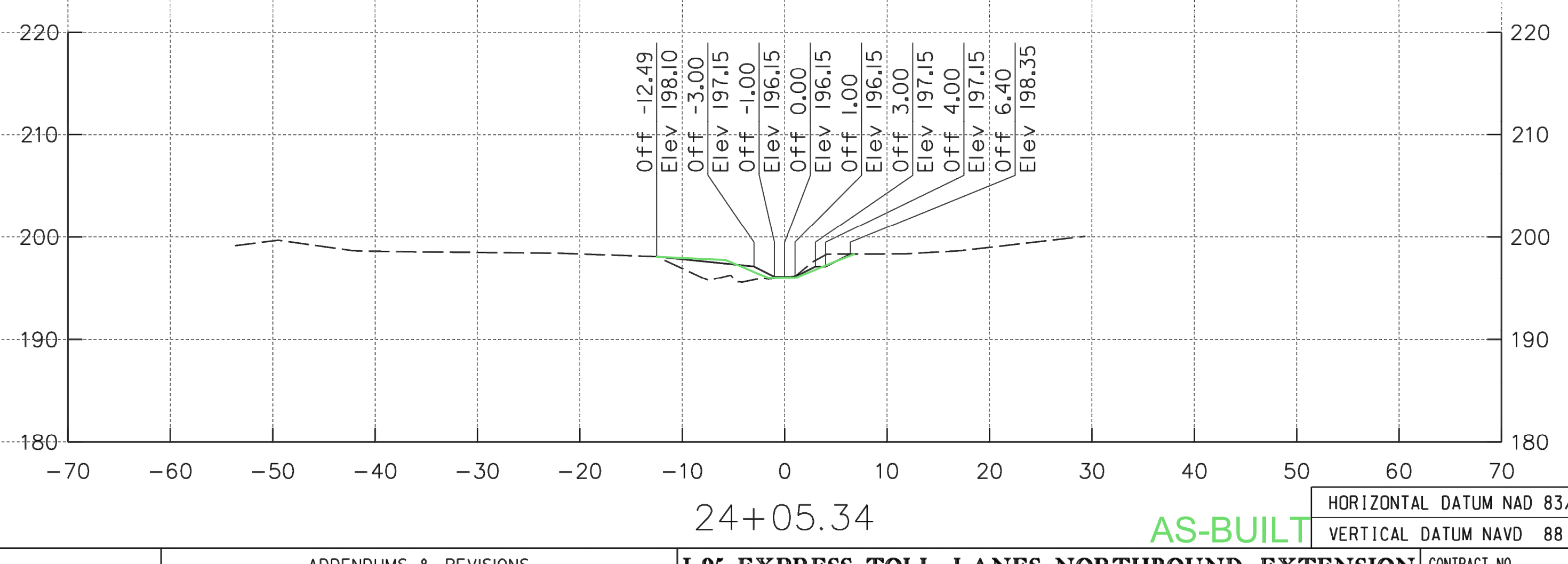
24+00.00



24+12.82



24+08.12



24+05.34

AS-BUILT


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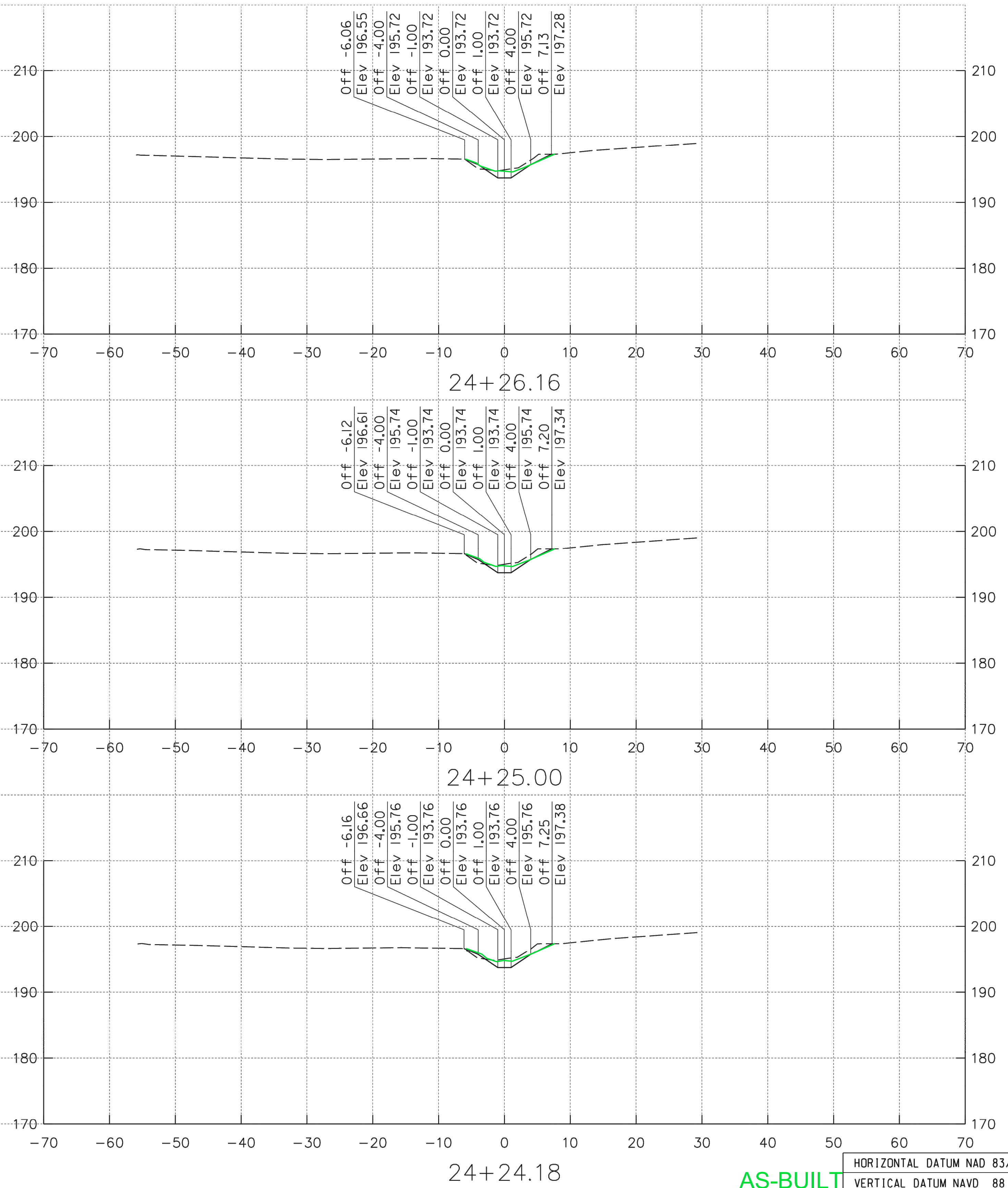
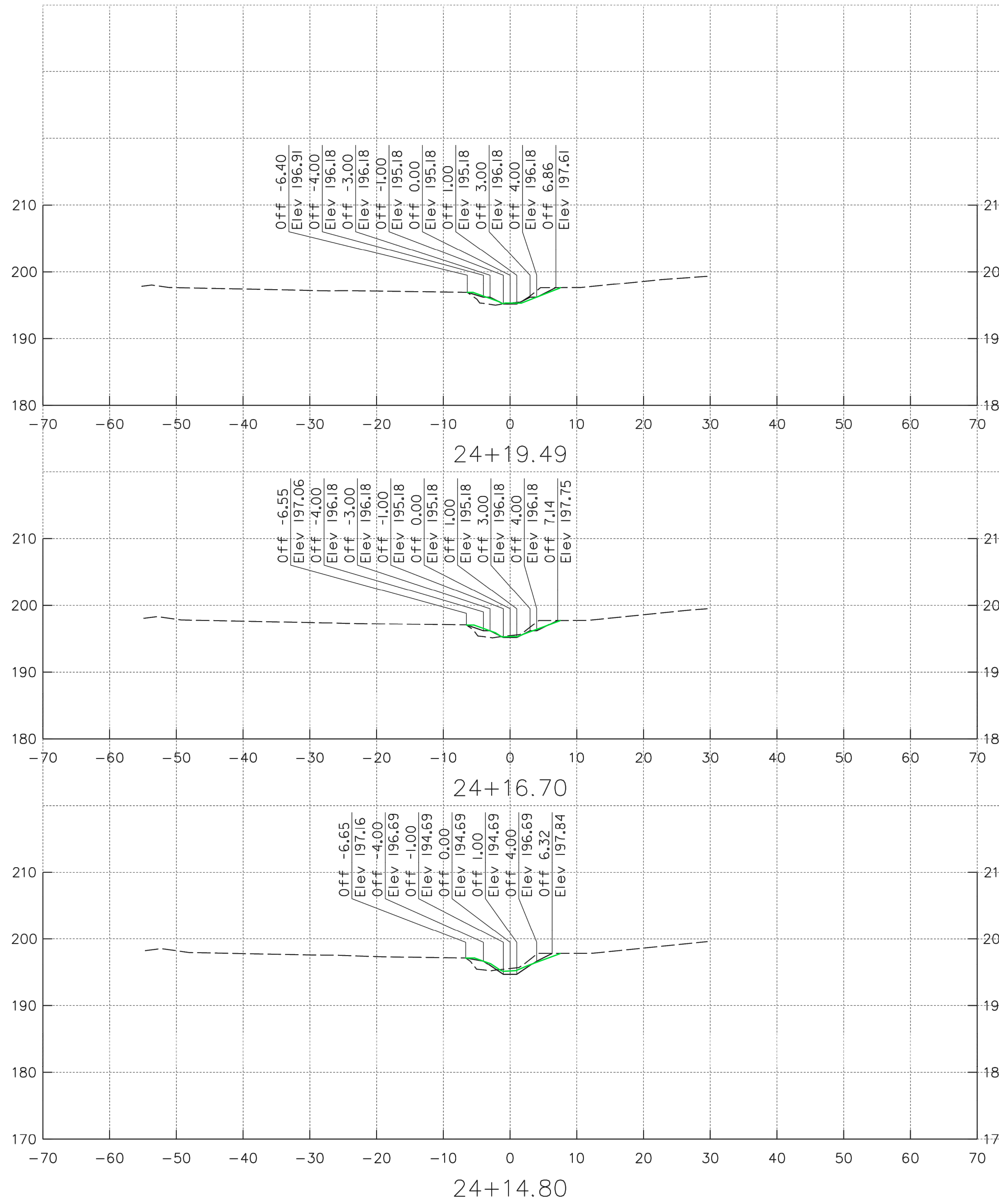

Maryland Transportation Authority
 Engineering Division

ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARSINS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY HARFORD COUNTY STREAM CROSS SECTIONS			CONTRACT NO. KH-3028-0000
DESIGNED BY <u>SL</u>	DRAWN BY <u>JS</u>	CHECKED BY <u>SL</u>	SHEET NO. 52 OF 87
CONST. REVIEW BY _____	DATE <u>OCTOBER, 2019</u>	SCALE <u>1" = 10'</u>	DRAWING NO. HC-13

HORIZONTAL DATUM NAD 83/91
VERTICAL DATUM NAVD 88



AS-BUILT HORIZONTAL DATUM NAD 83/91
VERTICAL DATUM NAVD 88

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Maryland Transportation Authority
Engineering Division

ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARAINS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
HARFORD COUNTY

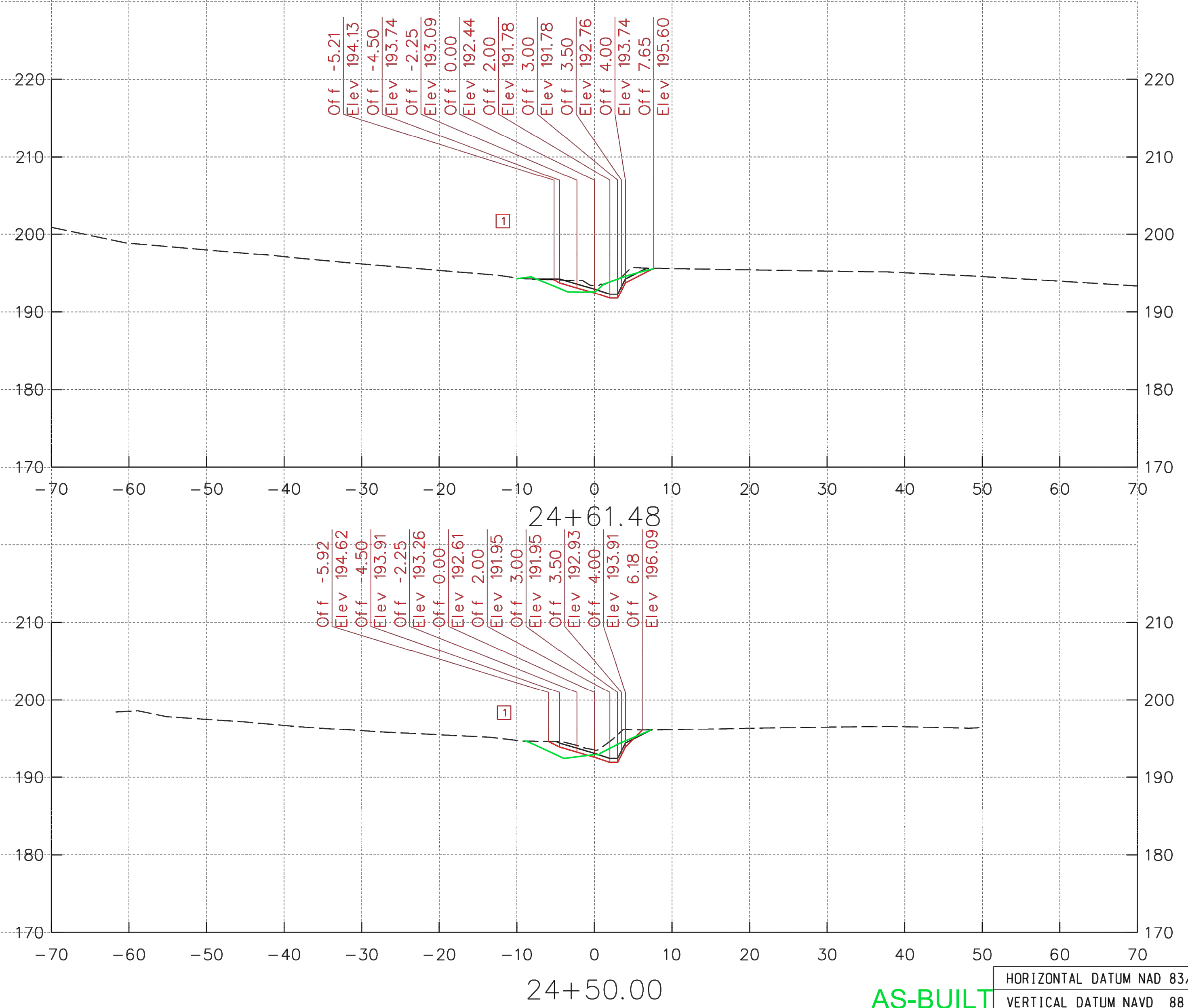
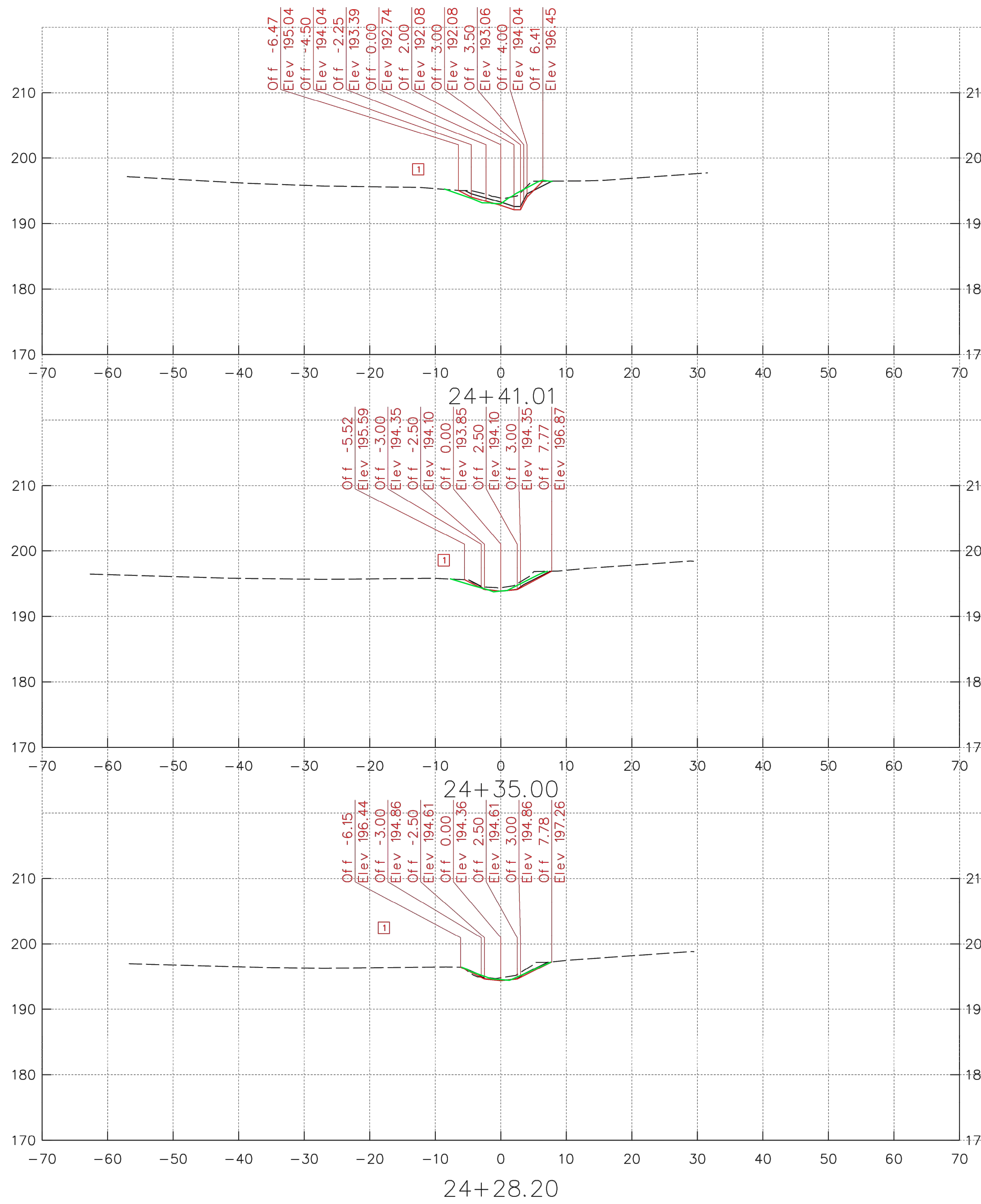
STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'

CONTRACT NO.
KH-3028-0000

DRAWING NO.
HC-14

SHEET NO.
53 OF 87



AS-BUILT
 HORIZONTAL DATUM NAD 83/91
 VERTICAL DATUM NAVD 88

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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY

STREAM CROSS SECTIONS

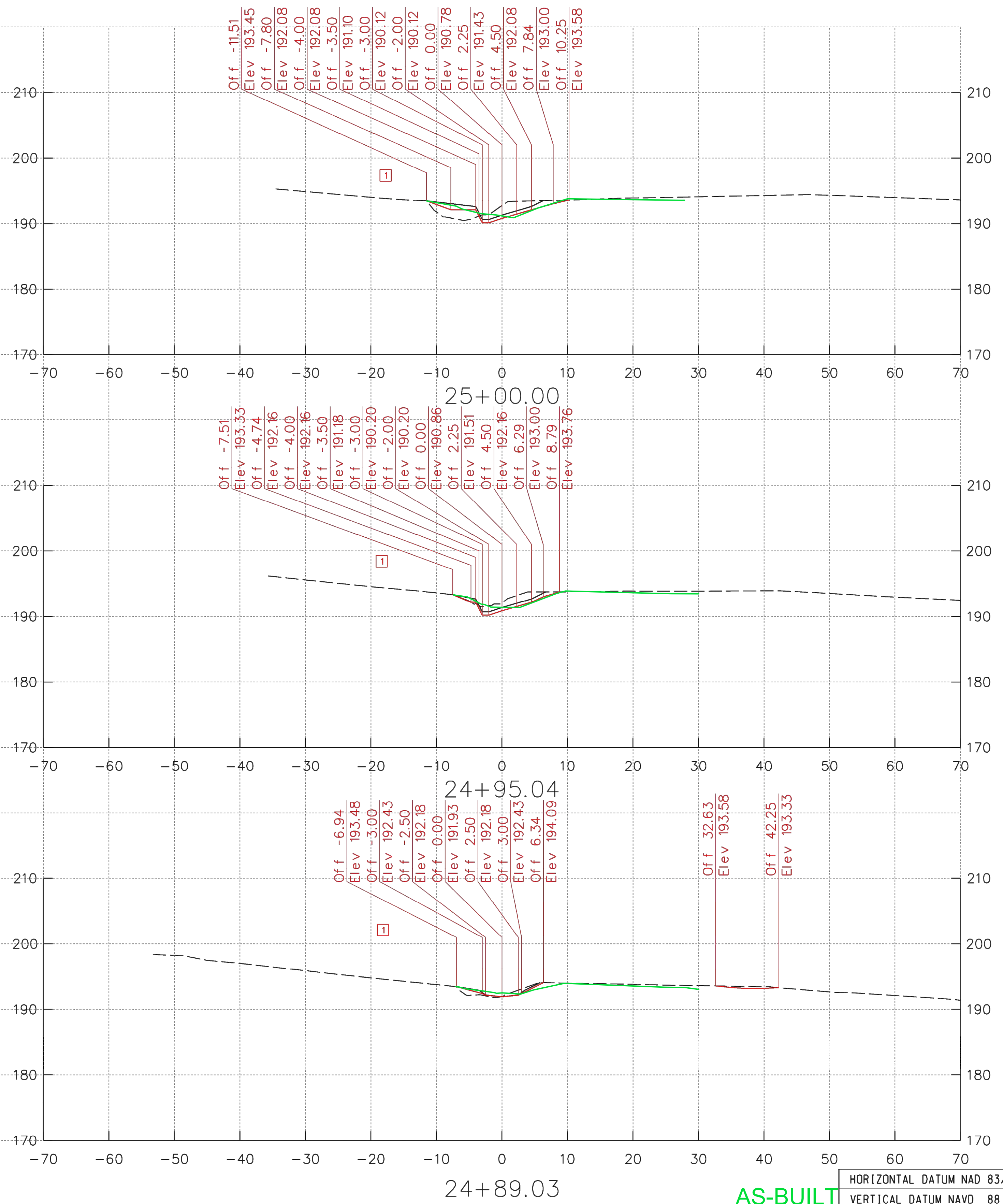
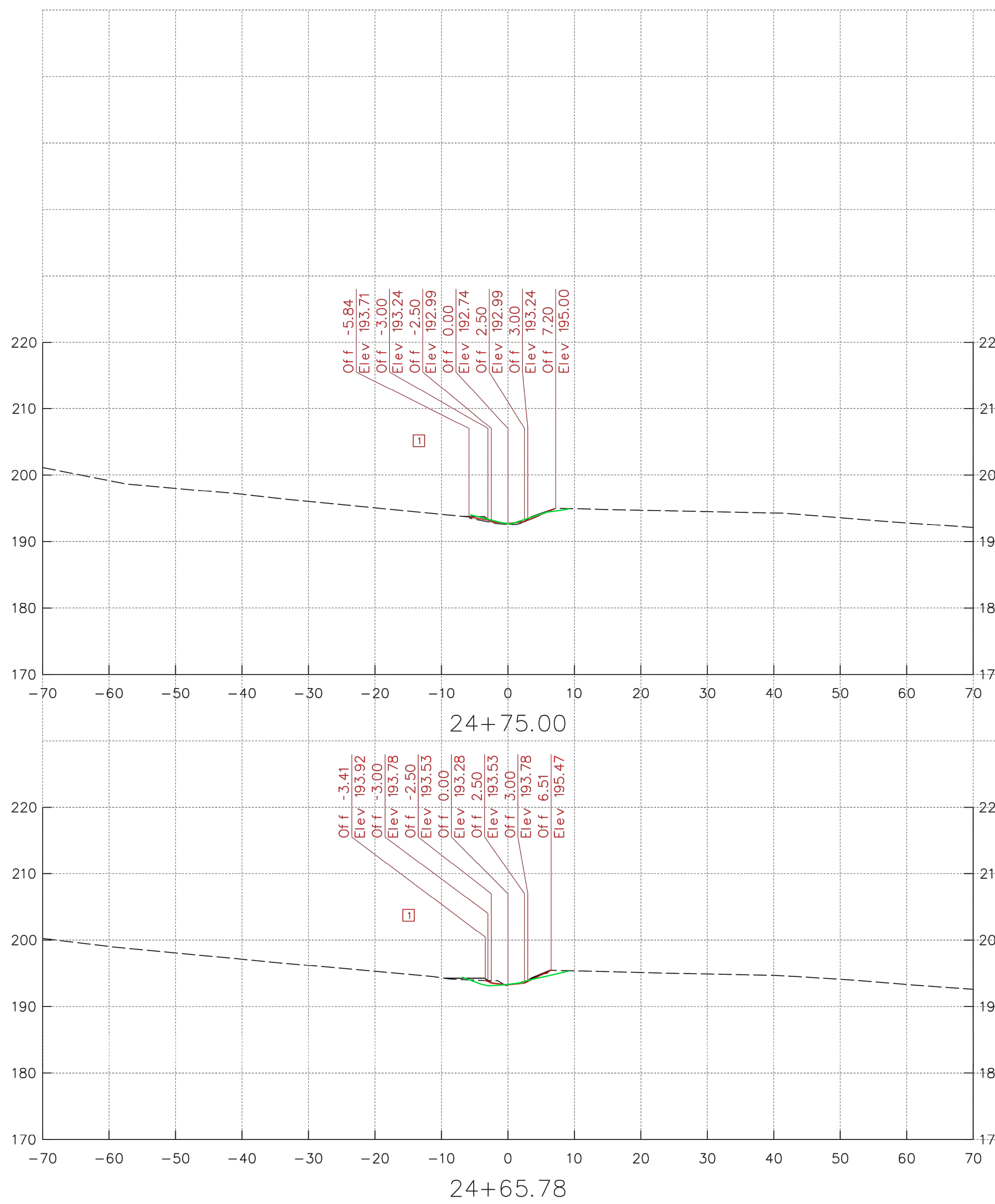
DESIGNED BY SL
 DRAWN BY JS
 CHECKED BY SL

CONST. REVIEW BY _____
 DATE OCTOBER, 2019
 SCALE 1" = 10'

CONTRACT NO.
KH-3028-0000

DRAWING NO.
HC-15

SHEET NO.
54 OF 87



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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY

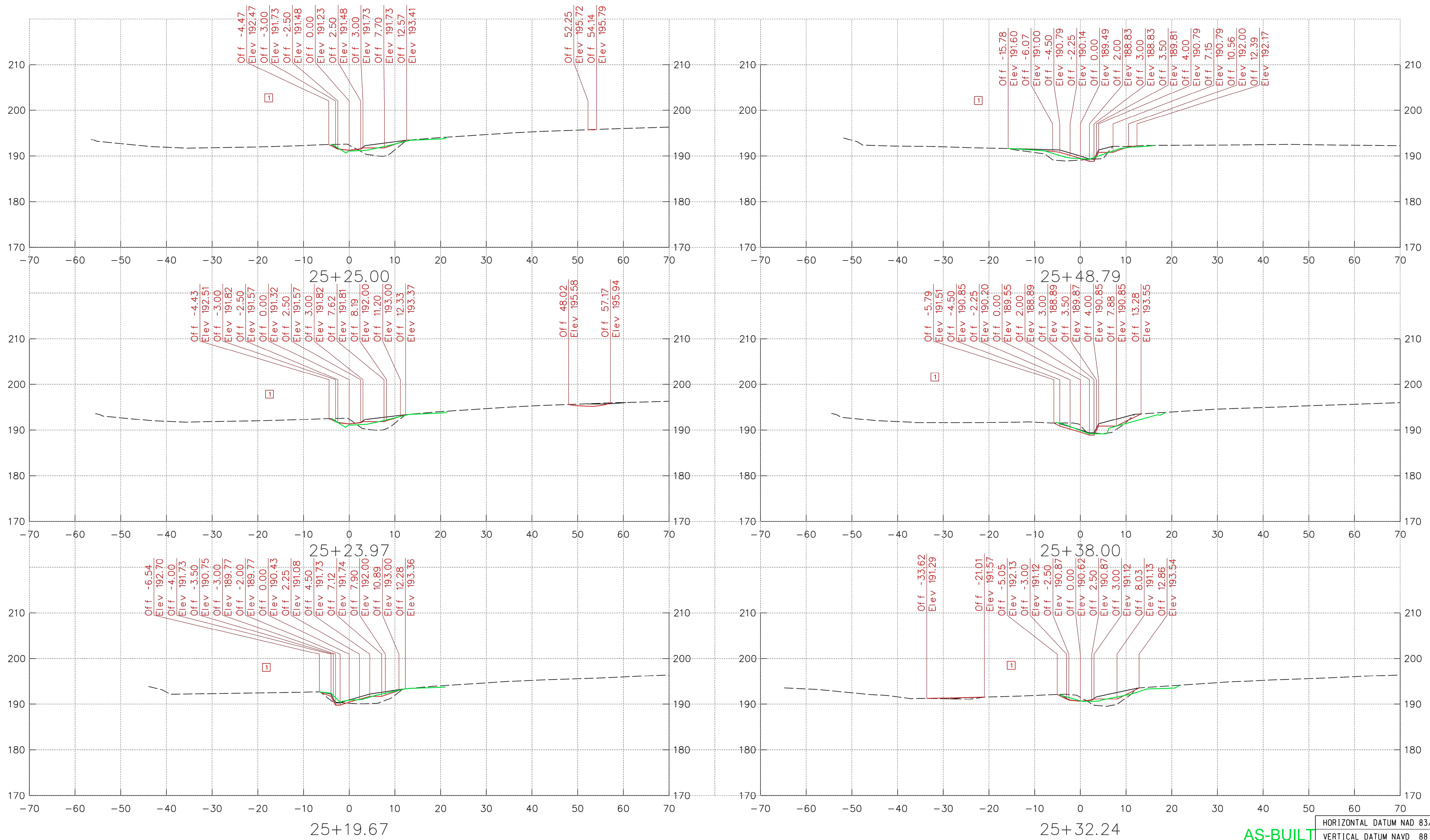
STREAM CROSS SECTIONS

DESIGNED BY SL DRAWN BY JS CHECKED BY SL

CONST. REVIEW BY DATE OCTOBER, 2019 SCALE 1" = 10'

HORIZONTAL DATUM NAD 83/91
 VERTICAL DATUM NAVD 88

CONTRACT NO. KH-3028-0000
 DRAWING NO. **HC-16**
 SHEET NO. 55 OF 87



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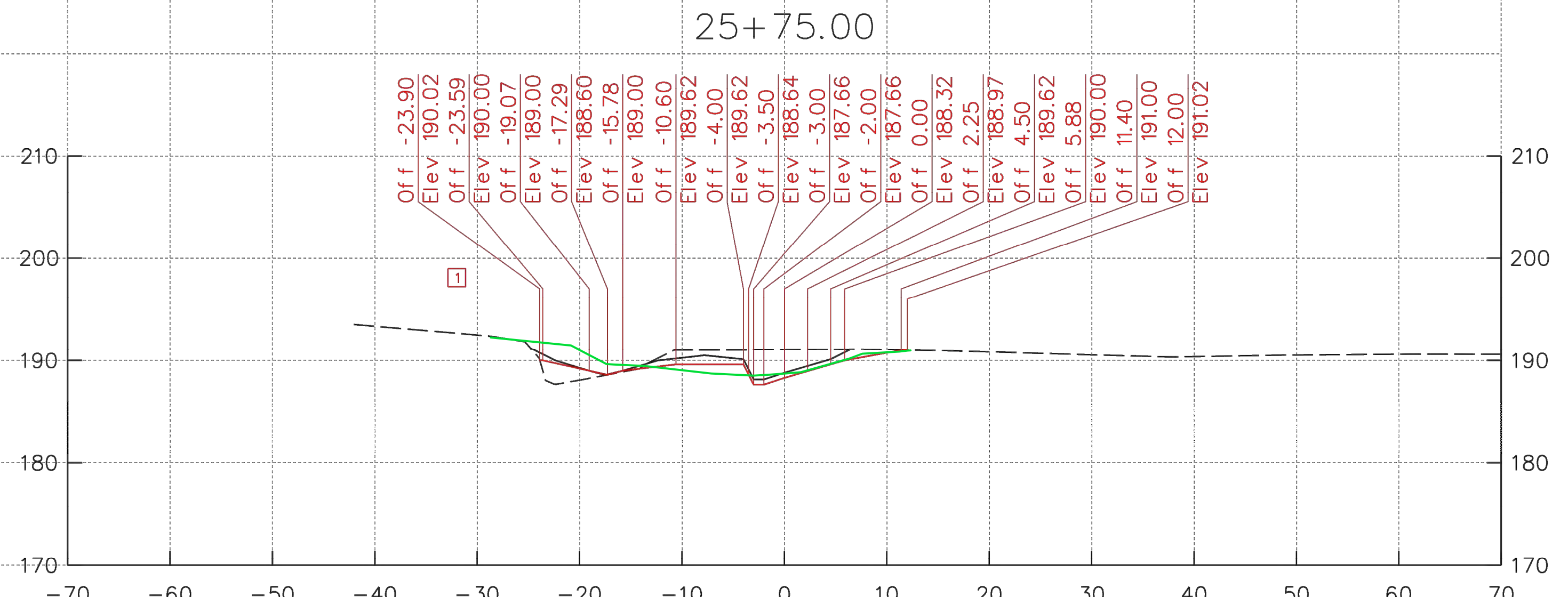
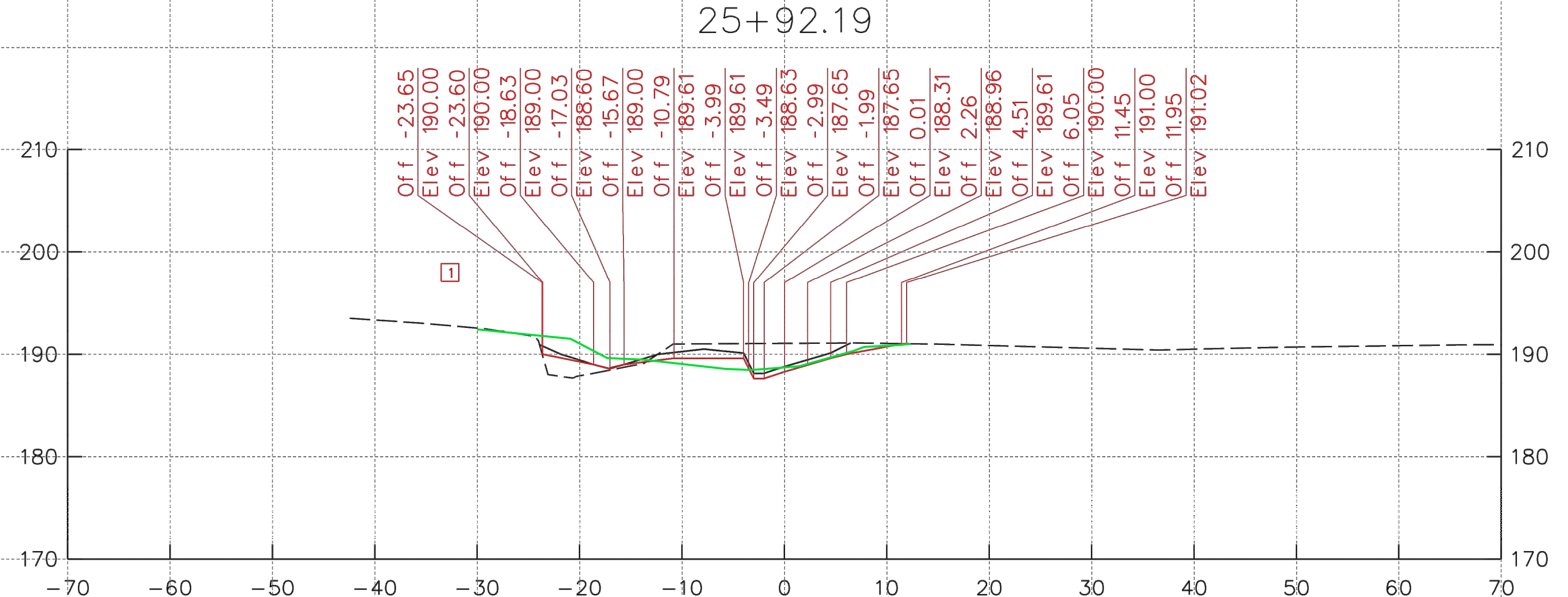
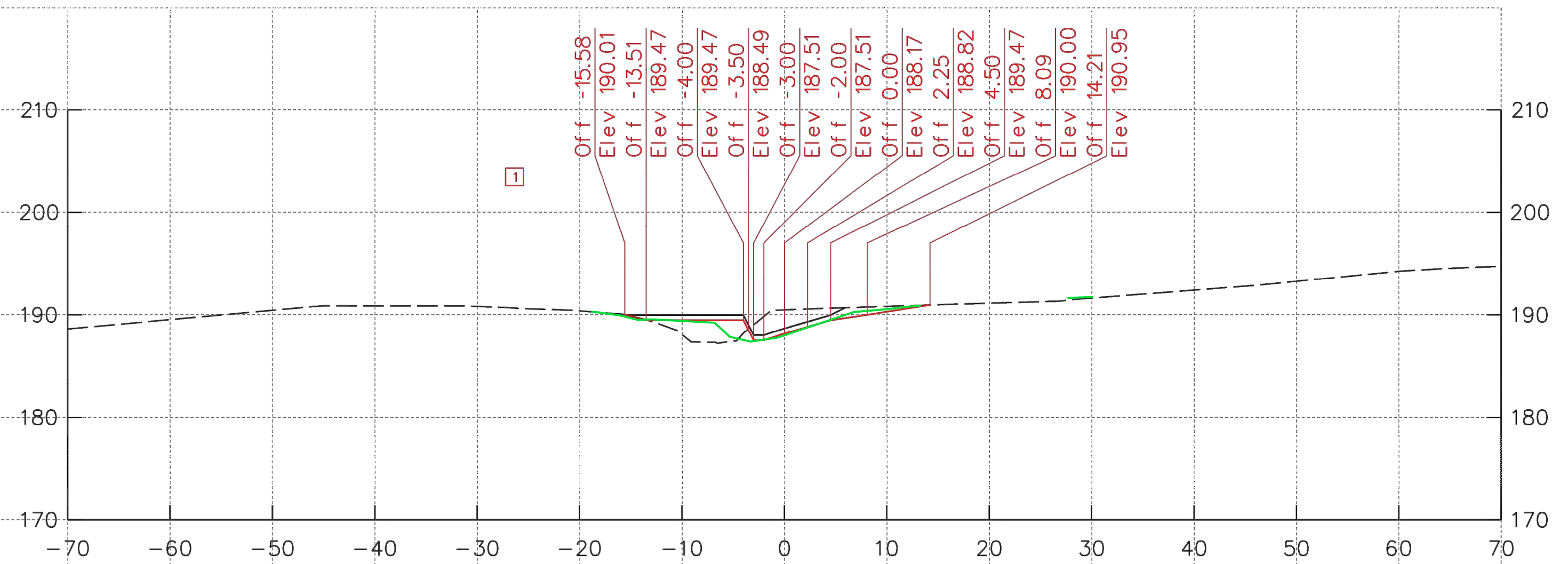
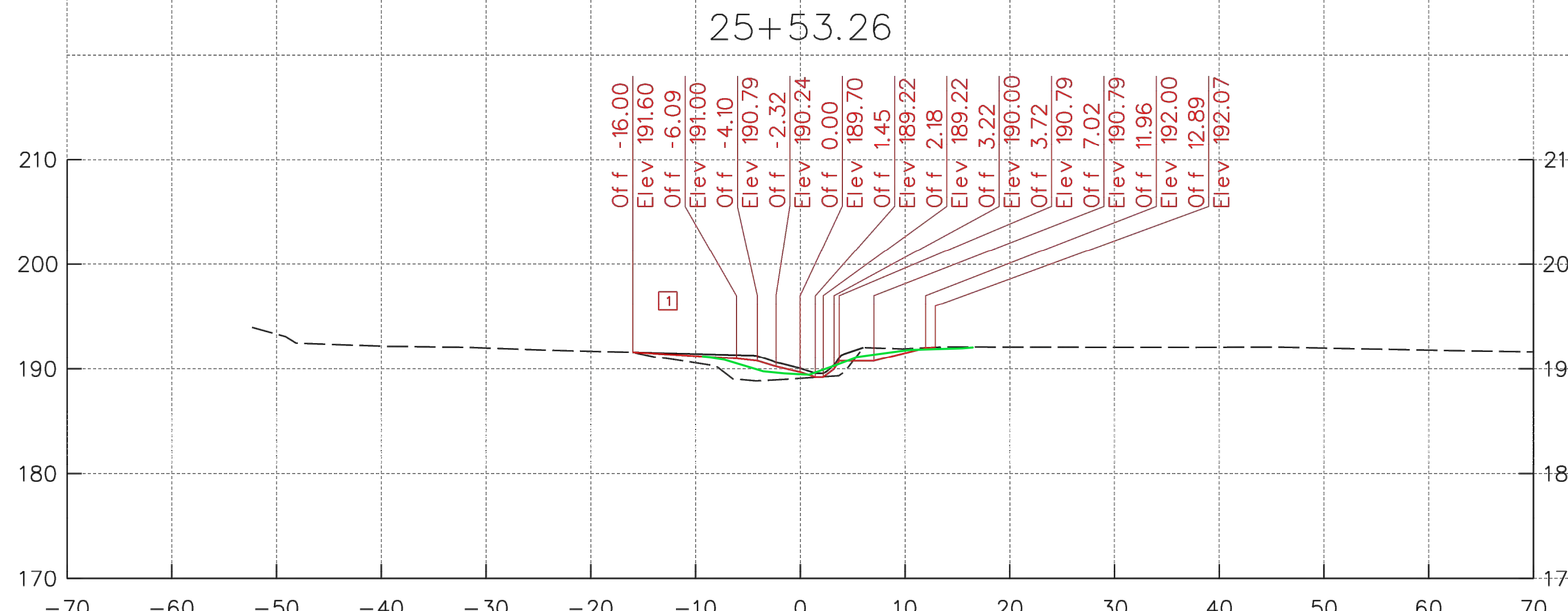
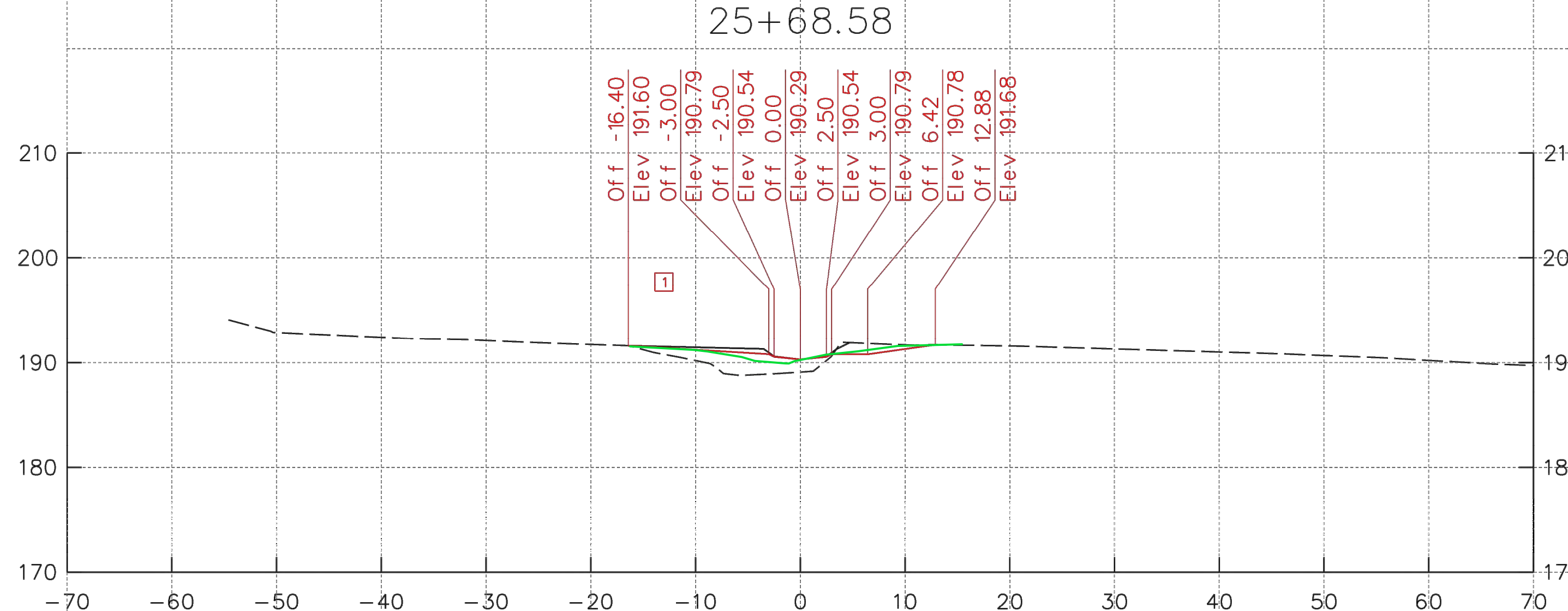
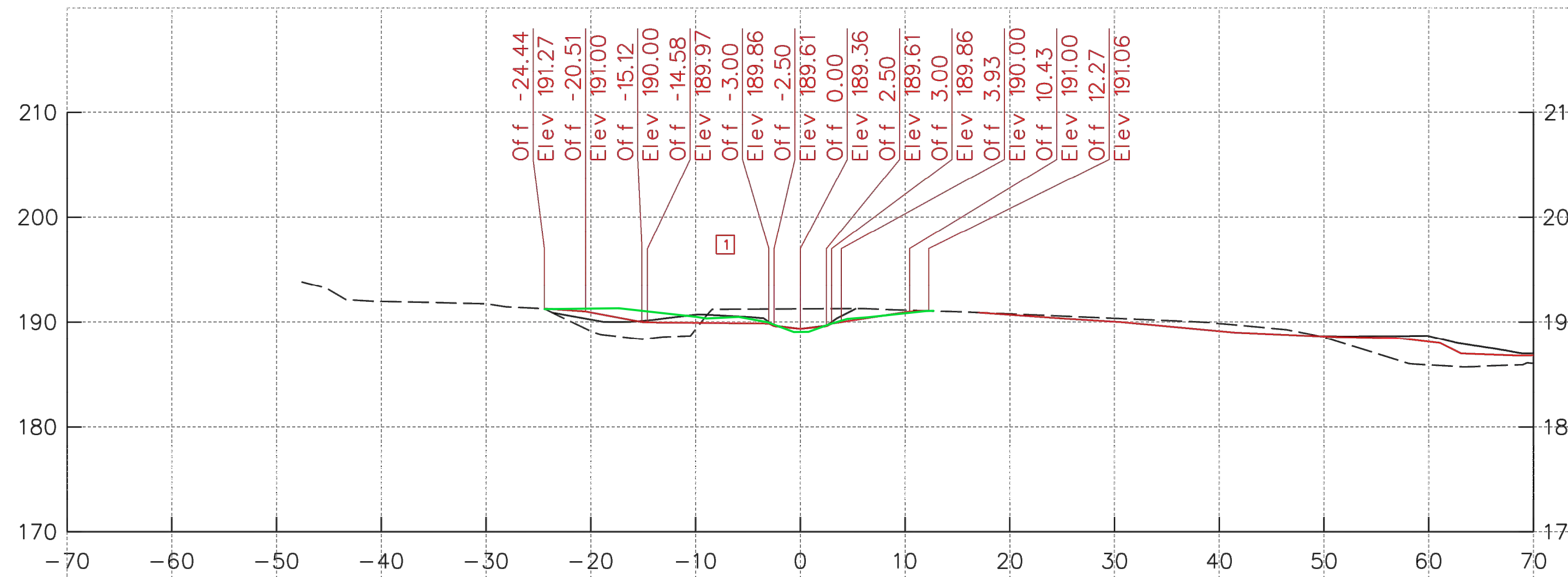
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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**
 AS-BUILT
 JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY
 STREAM CROSS SECTIONS

DESIGNED BY SL DRAWN BY JS CHECKED BY SL
 CONST. REVIEW BY DATE OCTOBER, 2019 SCALE 1" = 10'

HORIZONTAL DATUM NAD 83/91 VERTICAL DATUM NAVD 88	CONTRACT NO. KH-3028-0000
DRAWING NO. HC-17	SHEET NO. 56 OF 87



AS-BUILT
 HORIZONTAL DATUM NAD 83/91
 VERTICAL DATUM NAVD 88

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ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

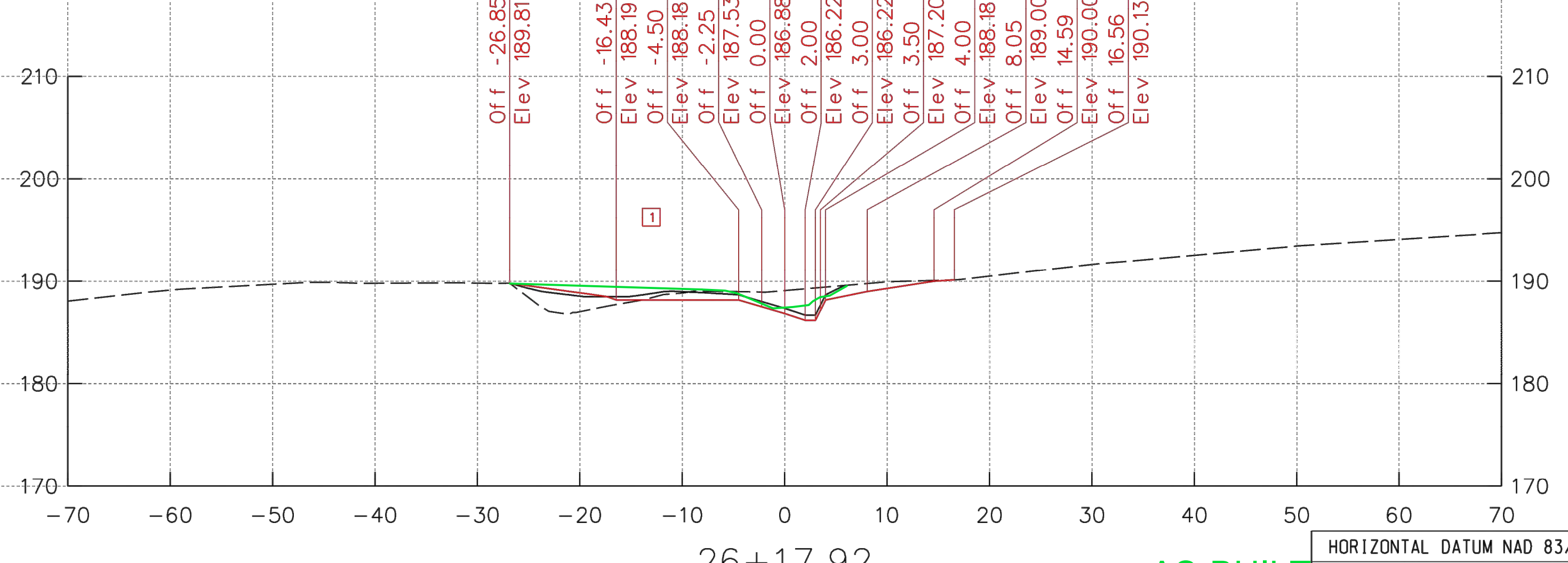
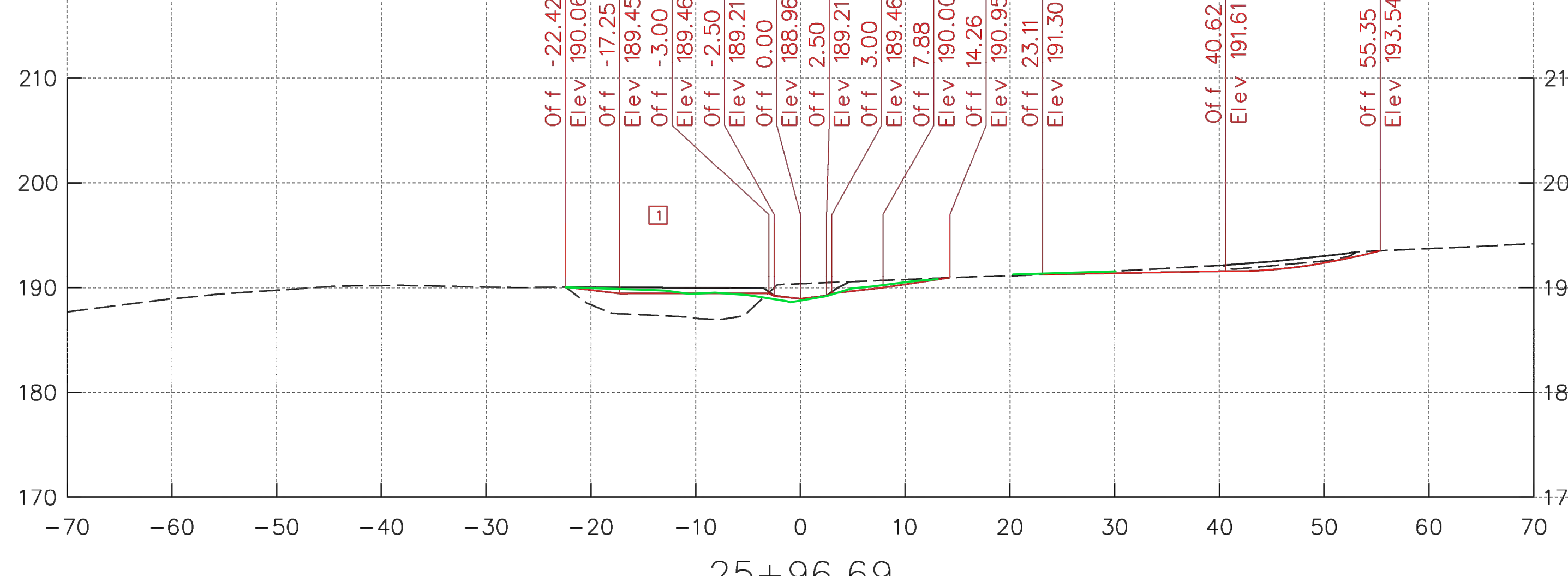
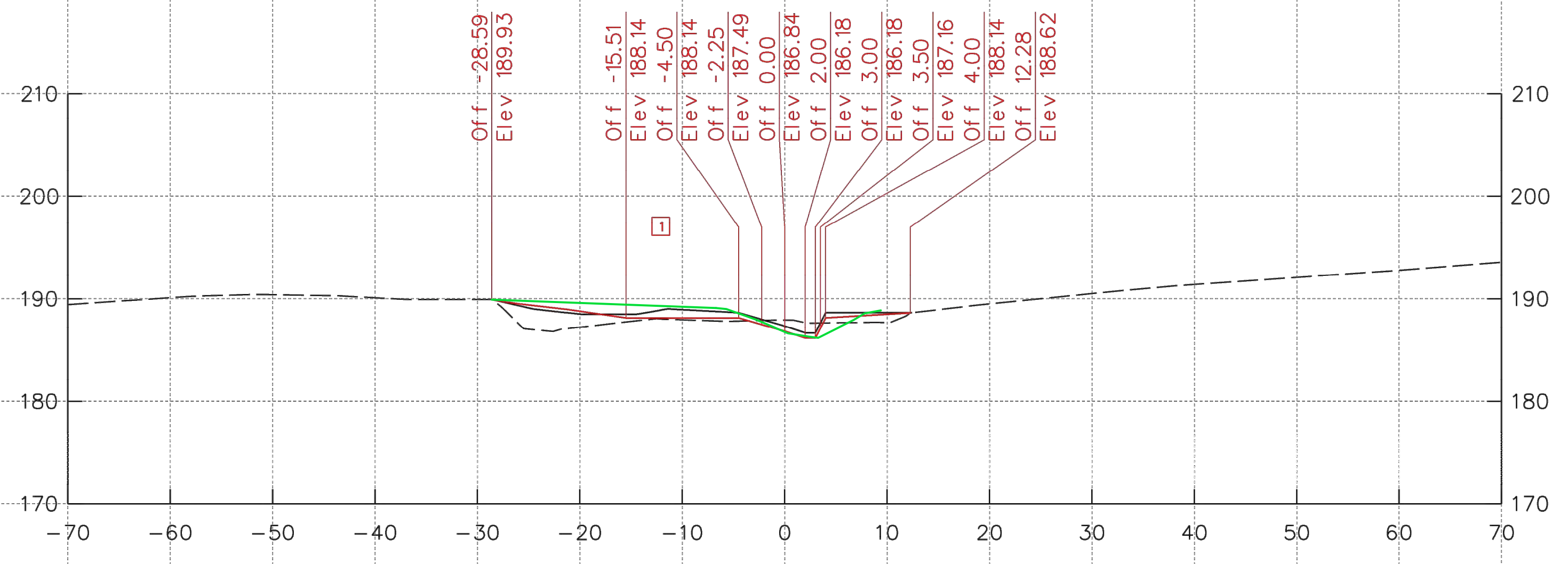
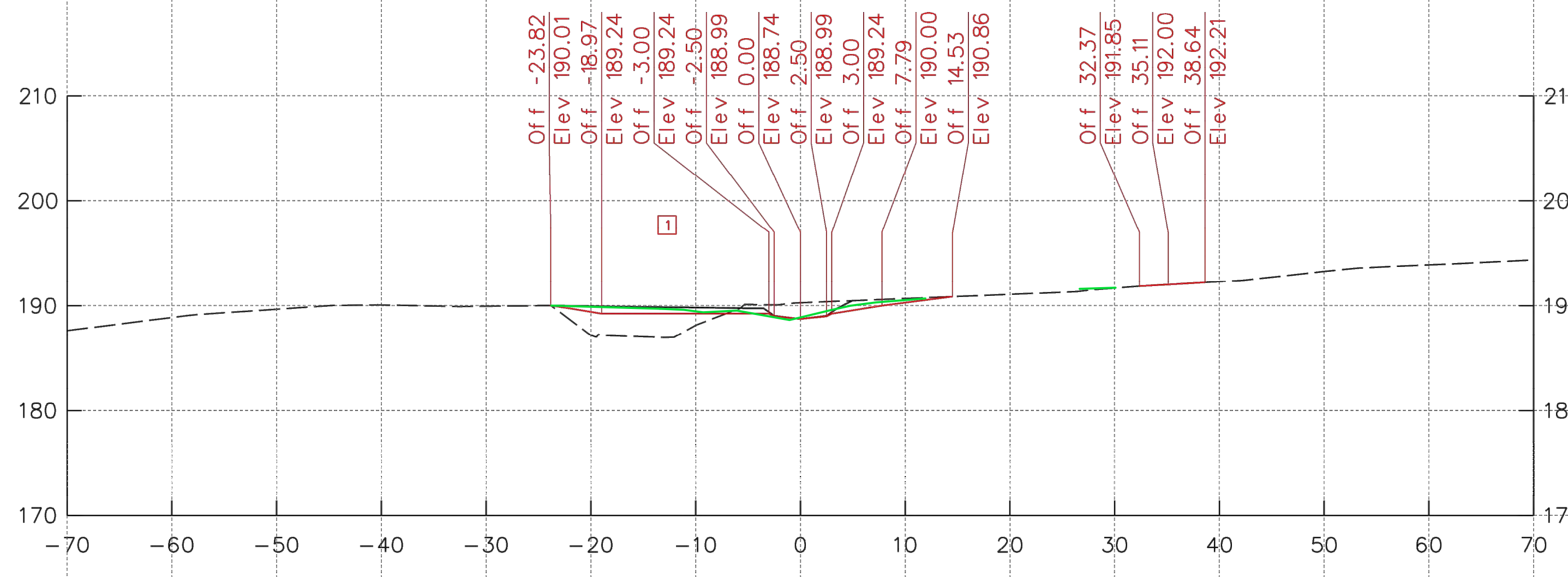
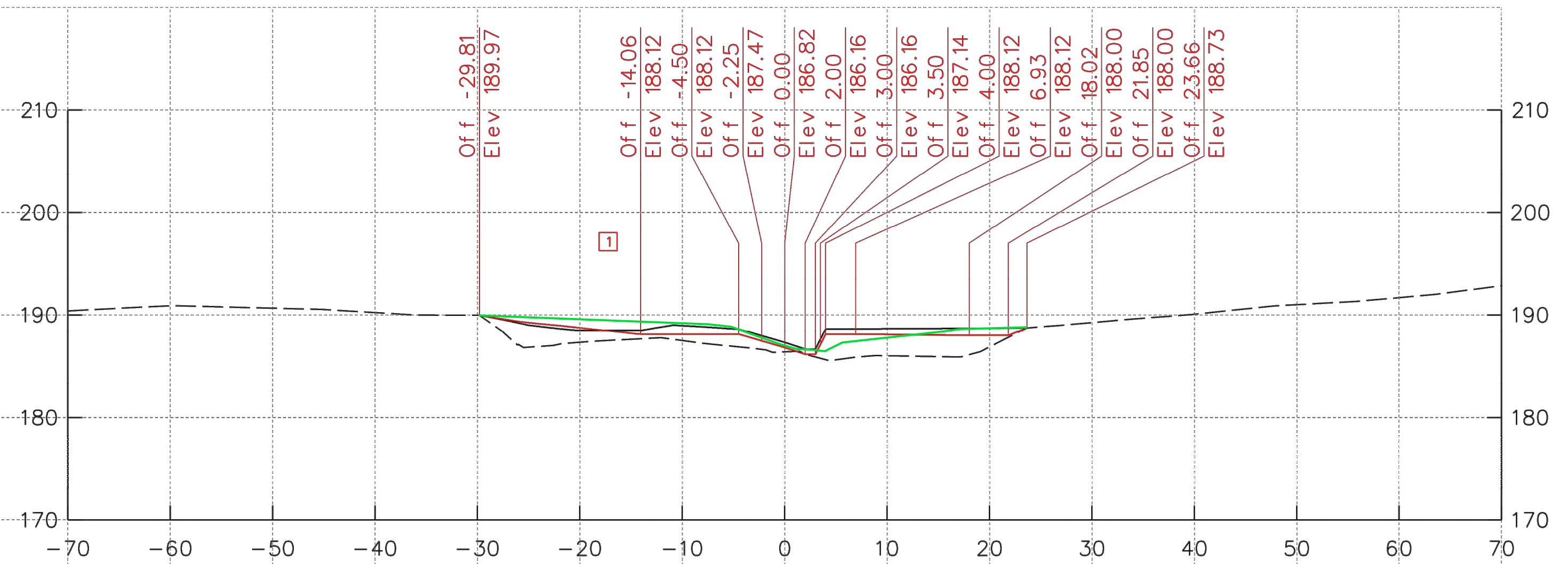
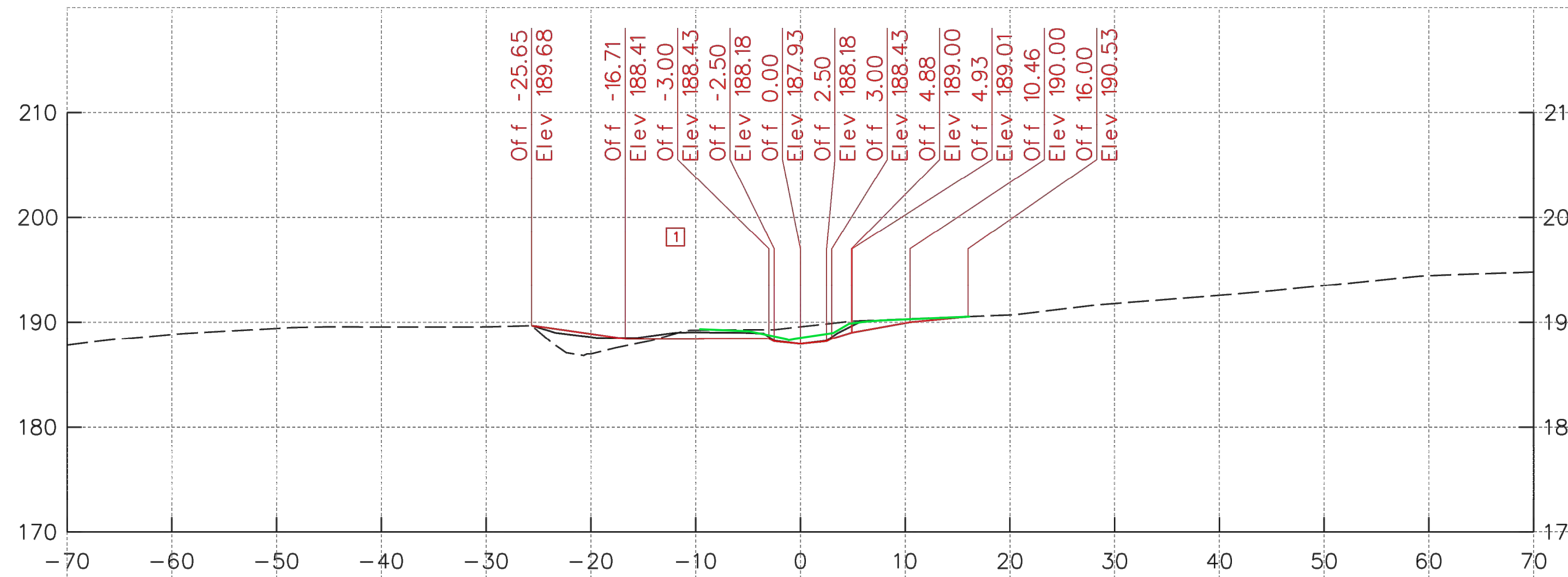
**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
 CARSENS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY

STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'

CONTRACT NO. KH-3028-0000
DRAWING NO. HC-18
SHEET NO. 57 OF 87



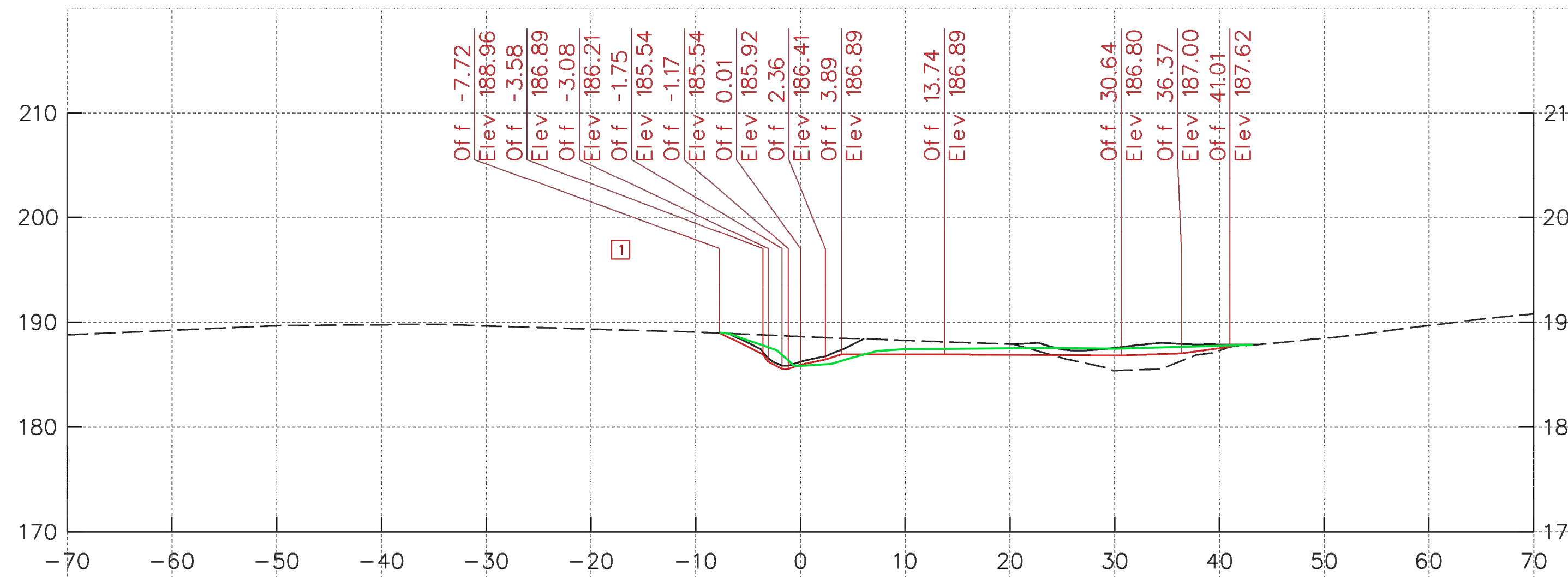

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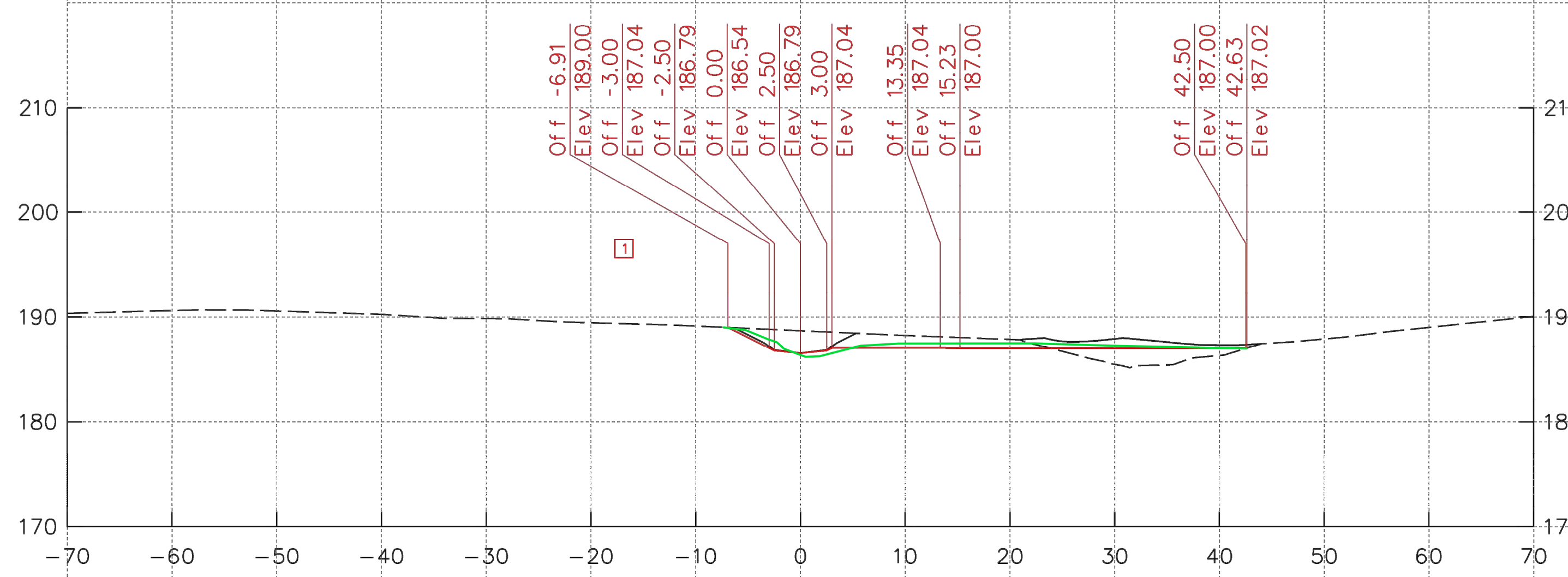
ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARSINS RUN STREAM MITIGATION PLAN
 JOHN F. KENNEDY MEMORIAL HIGHWAY
 HARFORD COUNTY
STREAM CROSS SECTIONS
 DESIGNED BY SL DRAWN BY JS CHECKED BY SL
 CONST. REVIEW BY DATE OCTOBER, 2019 SCALE 1" = 10'
AS-BUILT

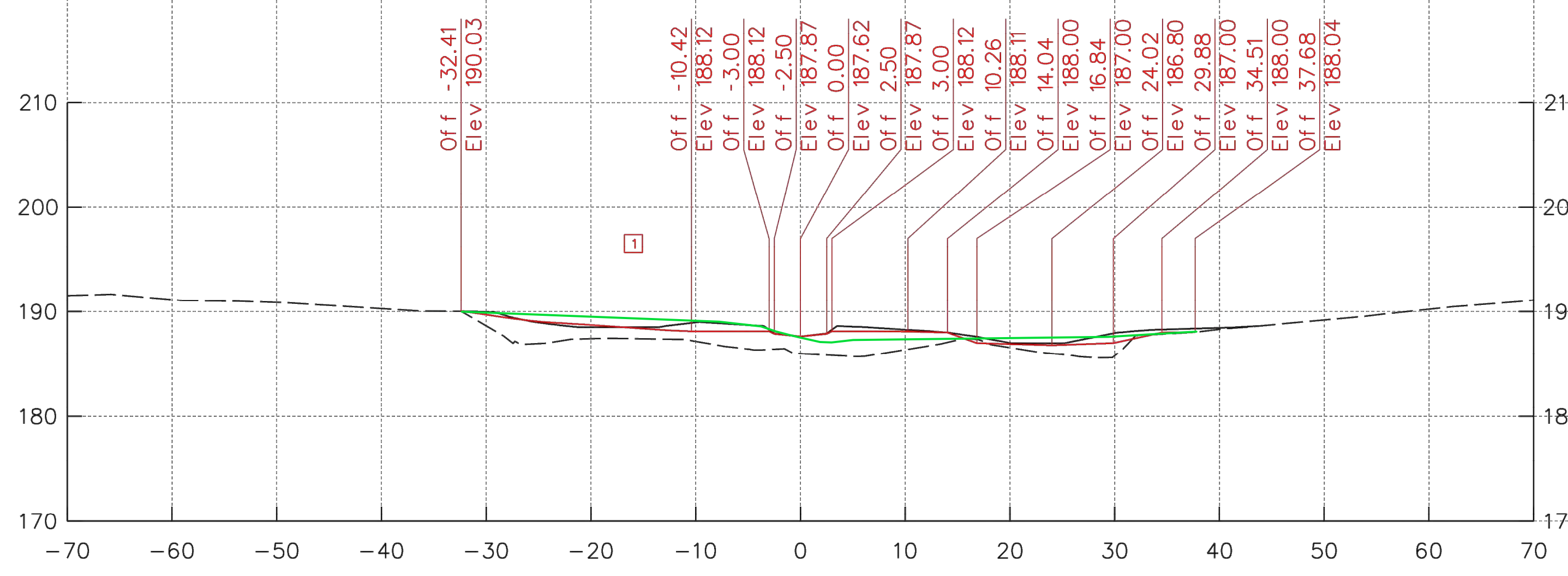
HORIZONTAL DATUM NAD 83/91	CONTRACT NO. KH-3028-0000
VERTICAL DATUM NAVD 88	DRAWING NO. HC-19
SHEET NO. 58 OF 87	UPDATED: 31JUL18



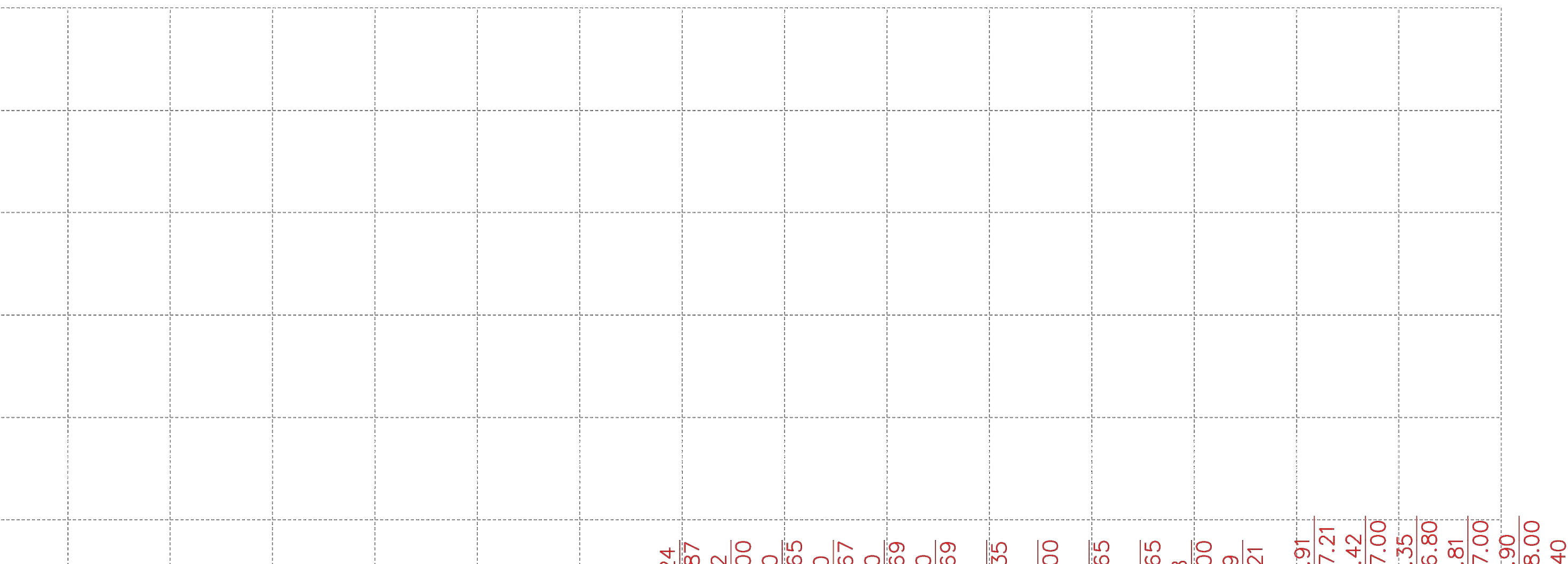
26+50.00



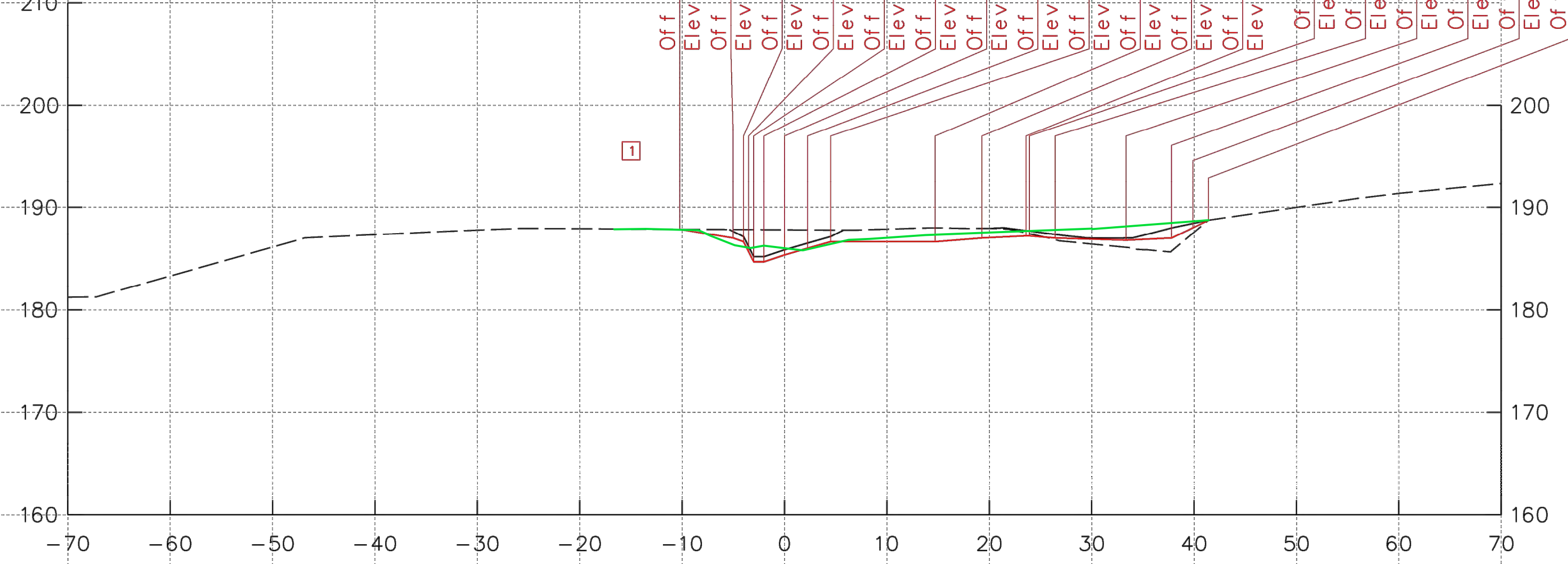
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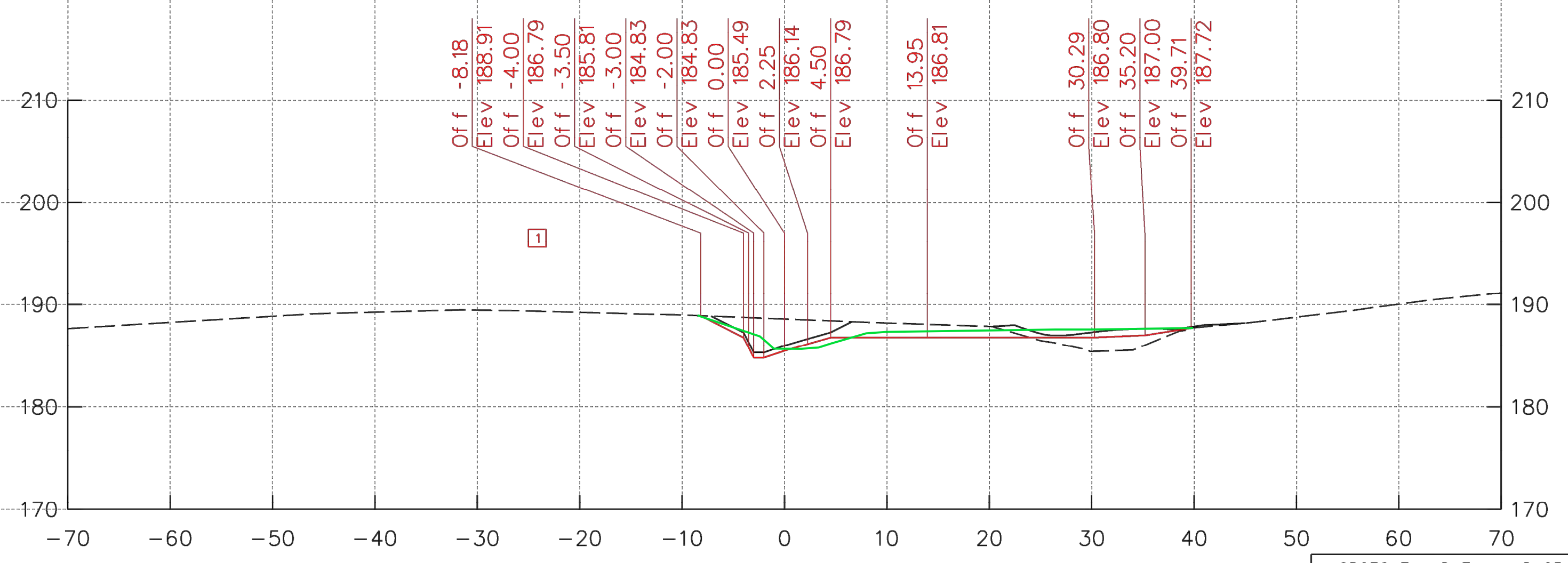
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26+69.69



26+52.40



26+52.40

AS-BUILT
HORIZONTAL DATUM NAD 83/91
VERTICAL DATUM NAVD 88

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Engineering Division

ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	REVISE CROSS SECTION	JS	6/16/20

**I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION
CARSENS RUN STREAM MITIGATION PLAN**

JOHN F. KENNEDY MEMORIAL HIGHWAY
HARFORD COUNTY

STREAM CROSS SECTIONS

DESIGNED BY SL	DRAWN BY JS	CHECKED BY SL
CONST. REVIEW BY	DATE OCTOBER, 2019	SCALE 1" = 10'

CONTRACT NO. KH-3028-0000
DRAWING NO. HC-20
SHEET NO. 59 OF 87