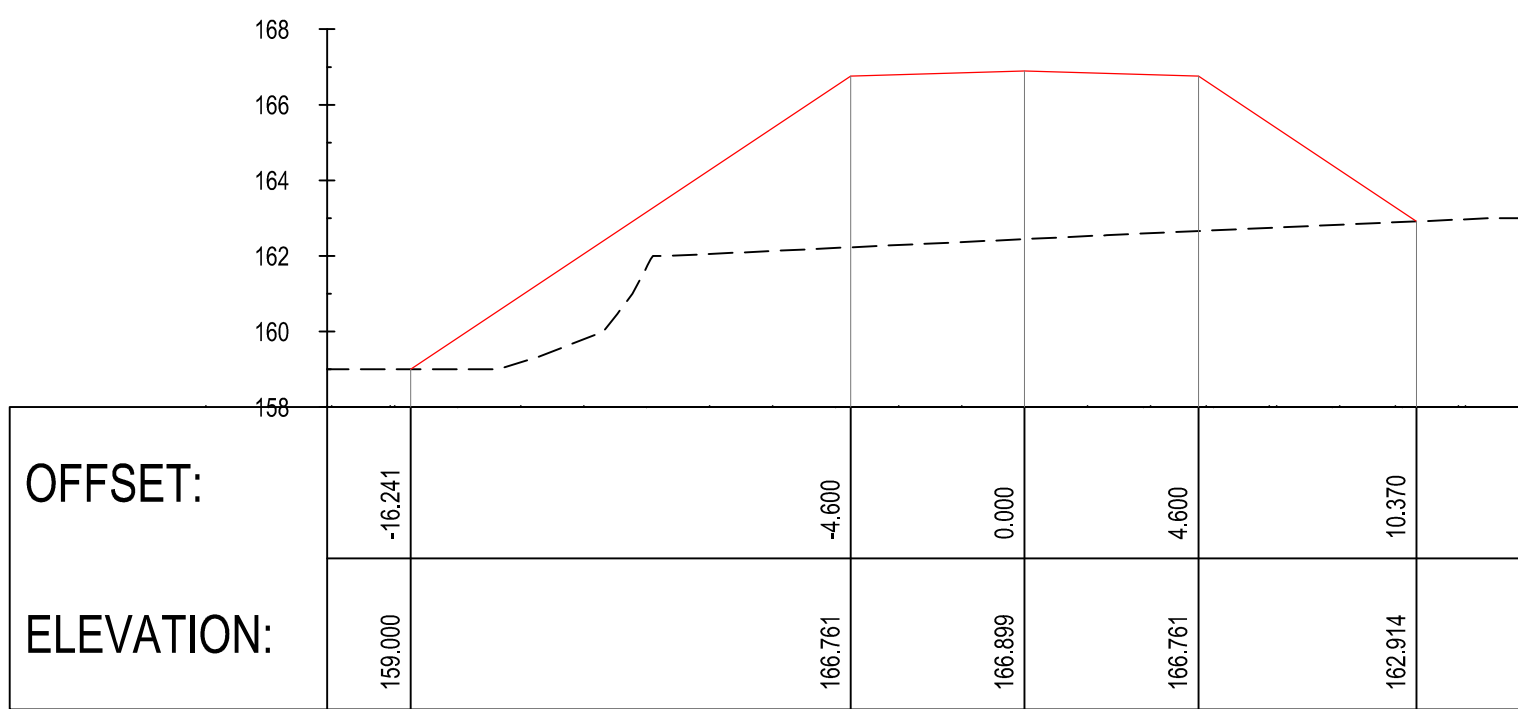
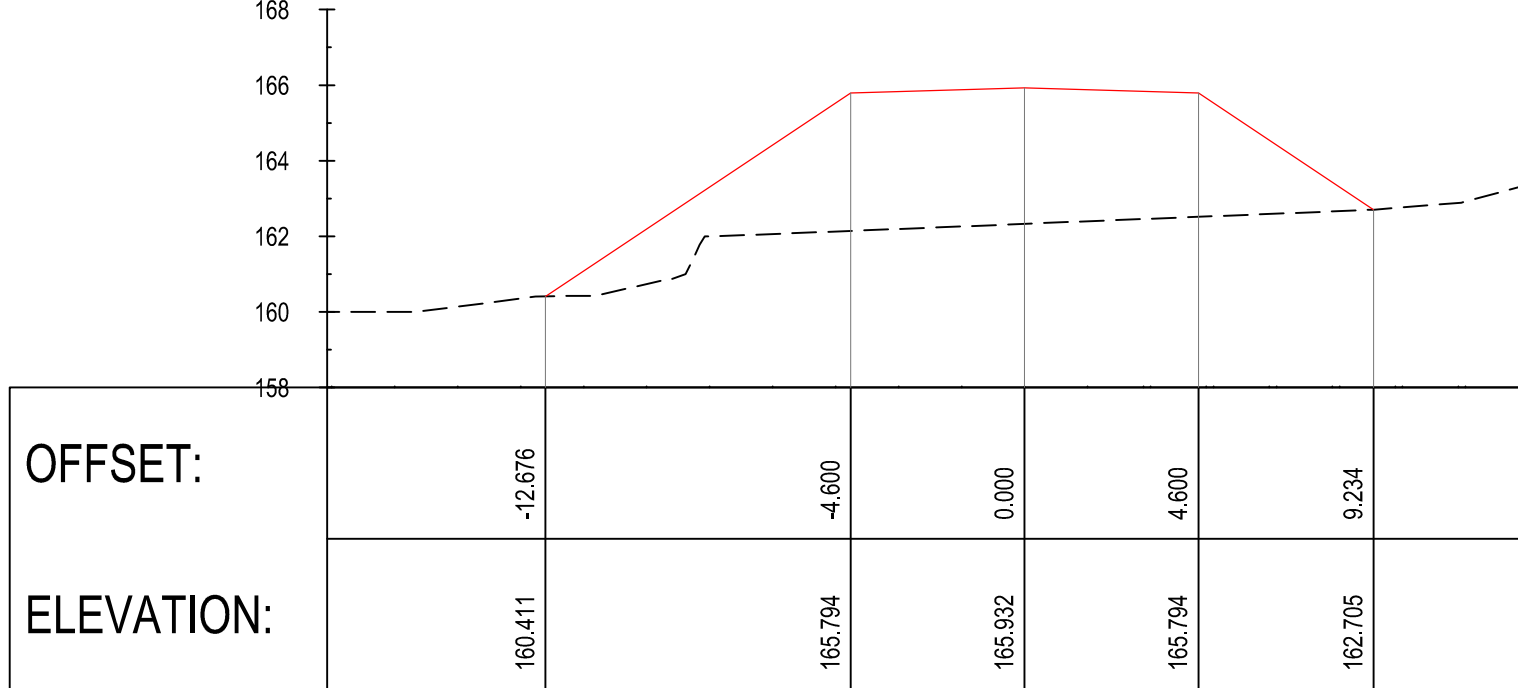


HATCH		Baffinland	
DRAFTSPERSON: A. VAN NIEKERK		BAFFINLAND IRON MINES LP	
DESIGNER: A. VAN NIEKERK		MARY RIVER PROJECT	
CHECKER: G. JOHNSTONE		TOTE ROAD	
DESIGN COORD: G. JOHNSTONE		GRADE CROSSING (RAIL CH. 12+000)	
RESP. ENG: R. HALL		CROSS SECTIONS CH. 0 TO 840	
LEAD DISC. ENG: F. VAN BILJON		SCALE: 1:200	
AREA LEAD: F. VAN BILJON		DWG. No: H353004-30000-224-273-0022-0001	
ENG. MANAGER: F. VAN BILJON		SHEET SIZE: A0	
AREA MANAGER: F. VAN BILJON		REV: 2	
ROLE: F. VAN BILJON		DATE: 2019/04/10	
SIGNATURE: F. VAN BILJON		DATE: 2019/04/10	
DATE: 2019/04/10		DATE: 2019/04/10	

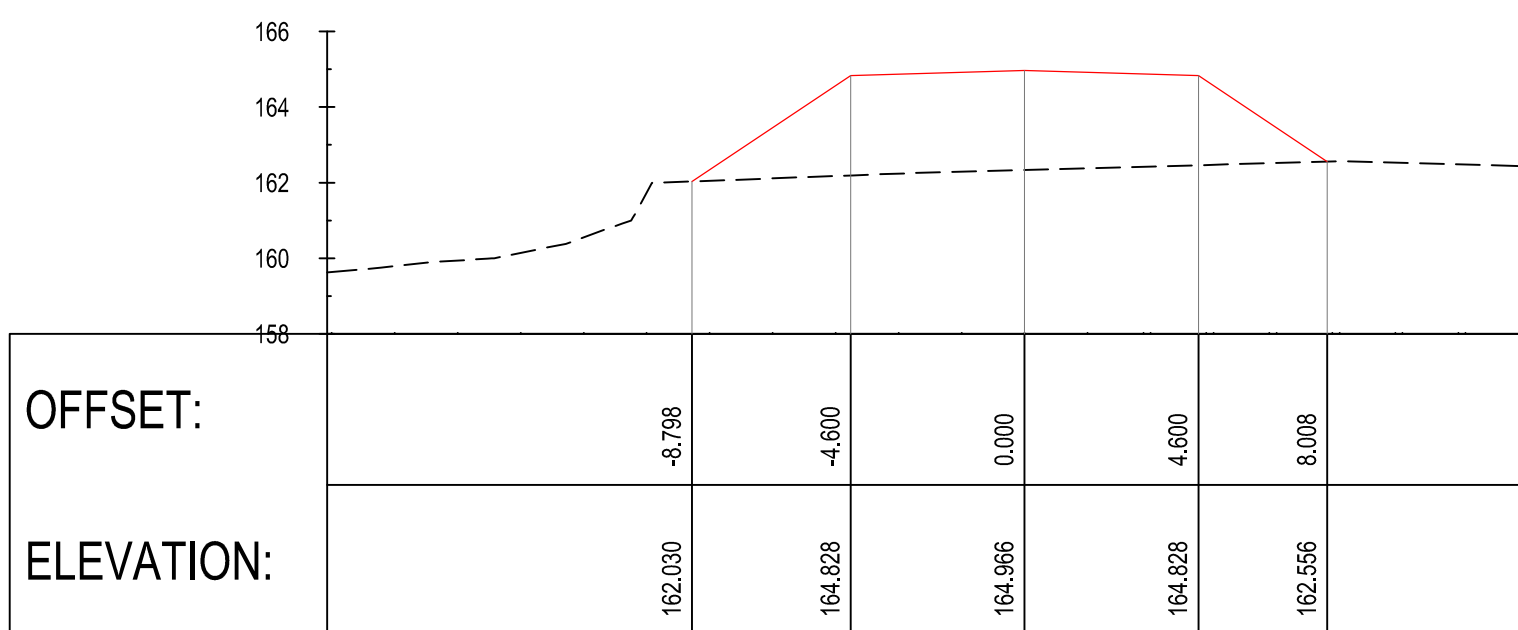
A
B
C
D
E
F



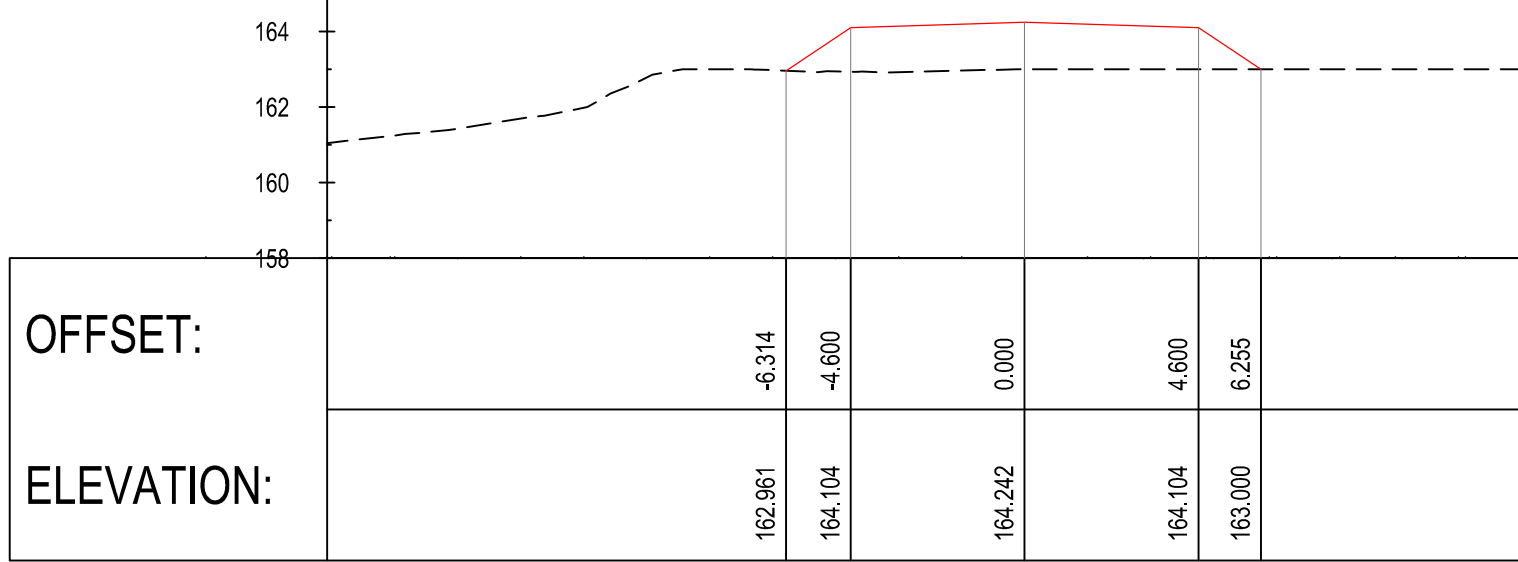
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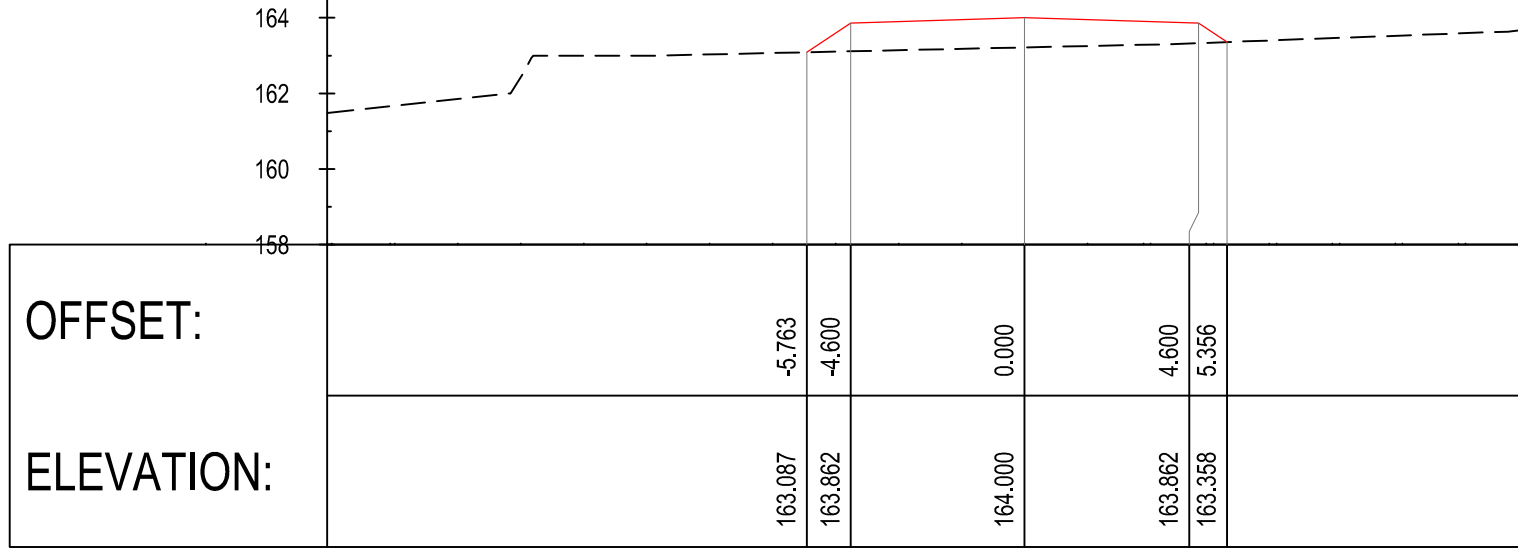
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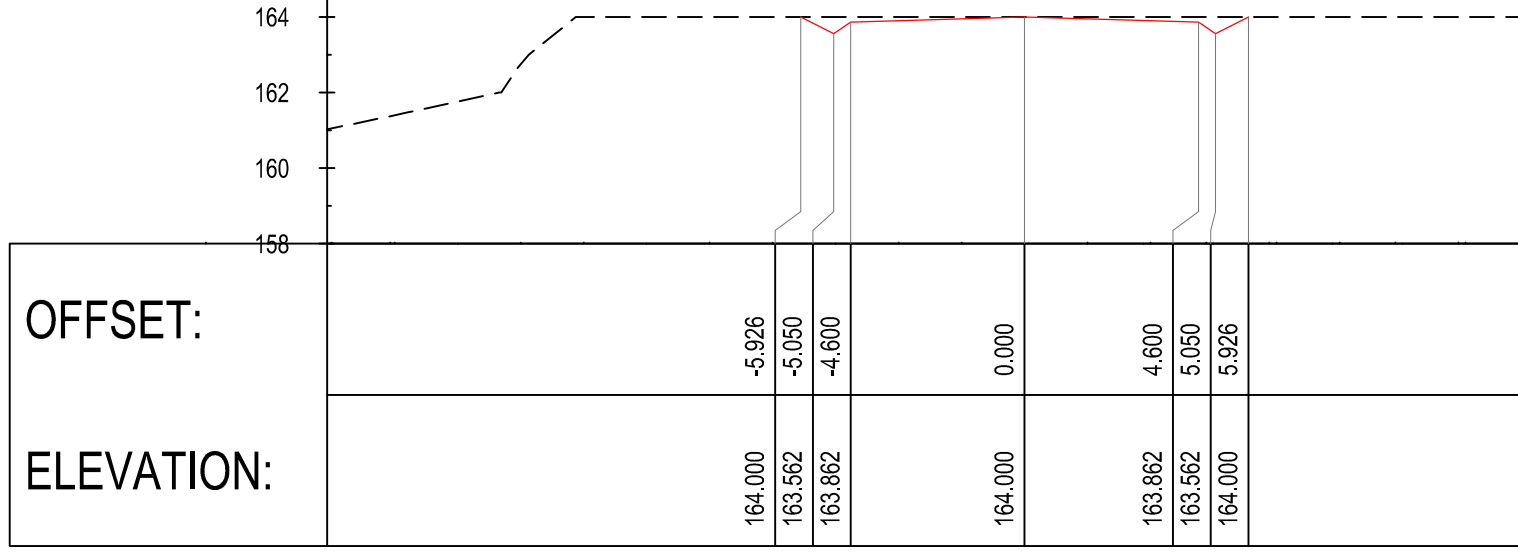
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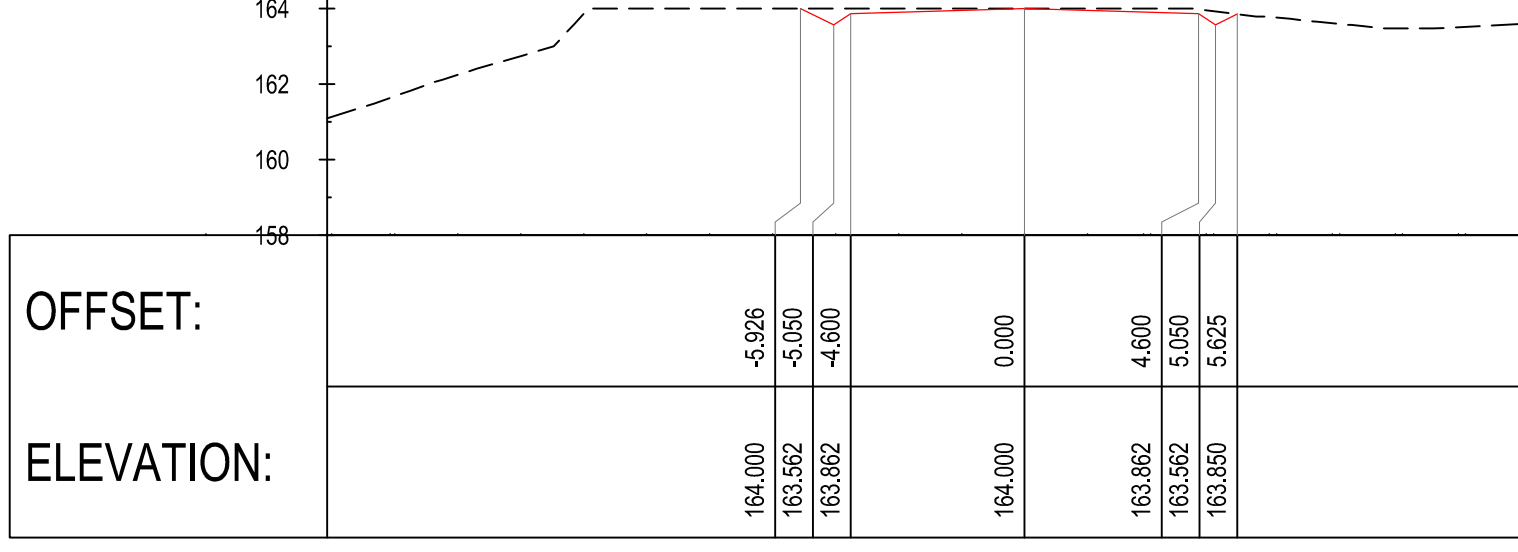
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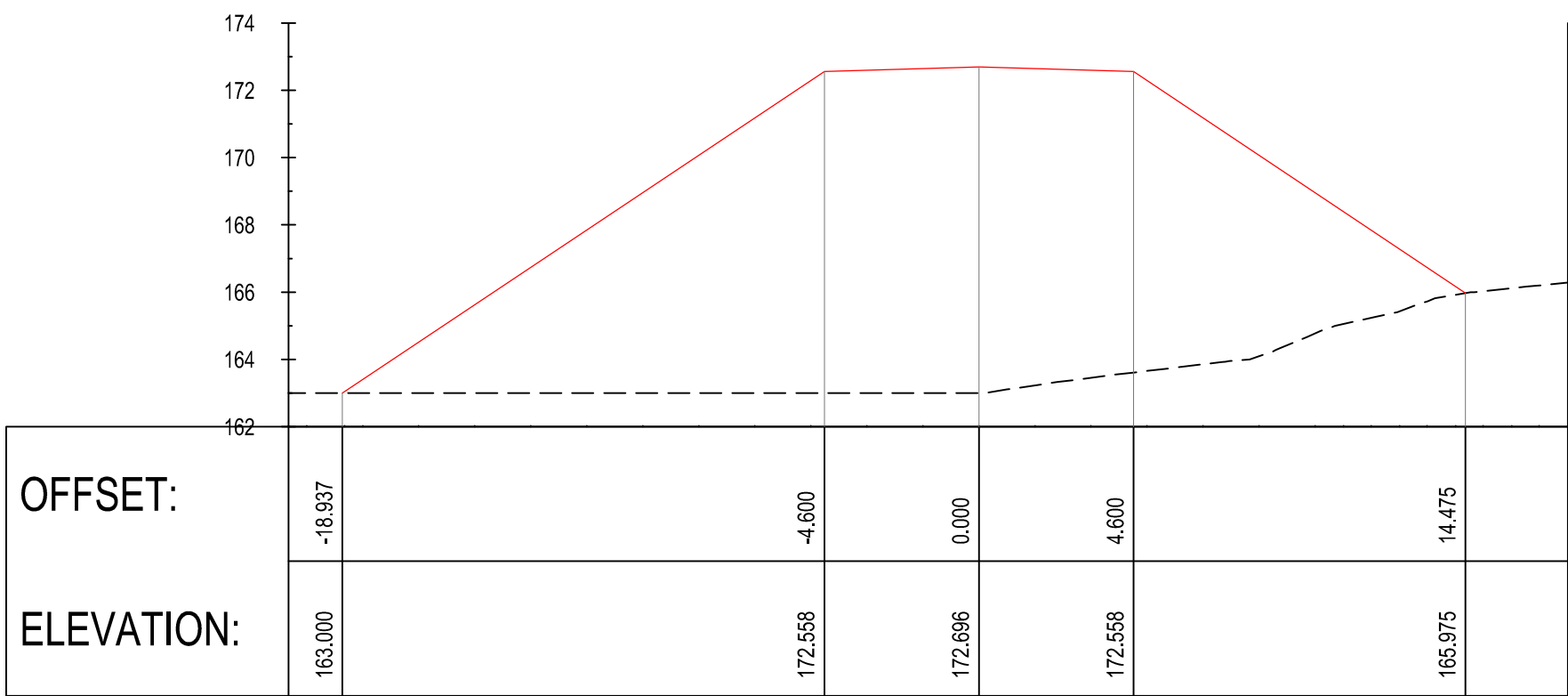
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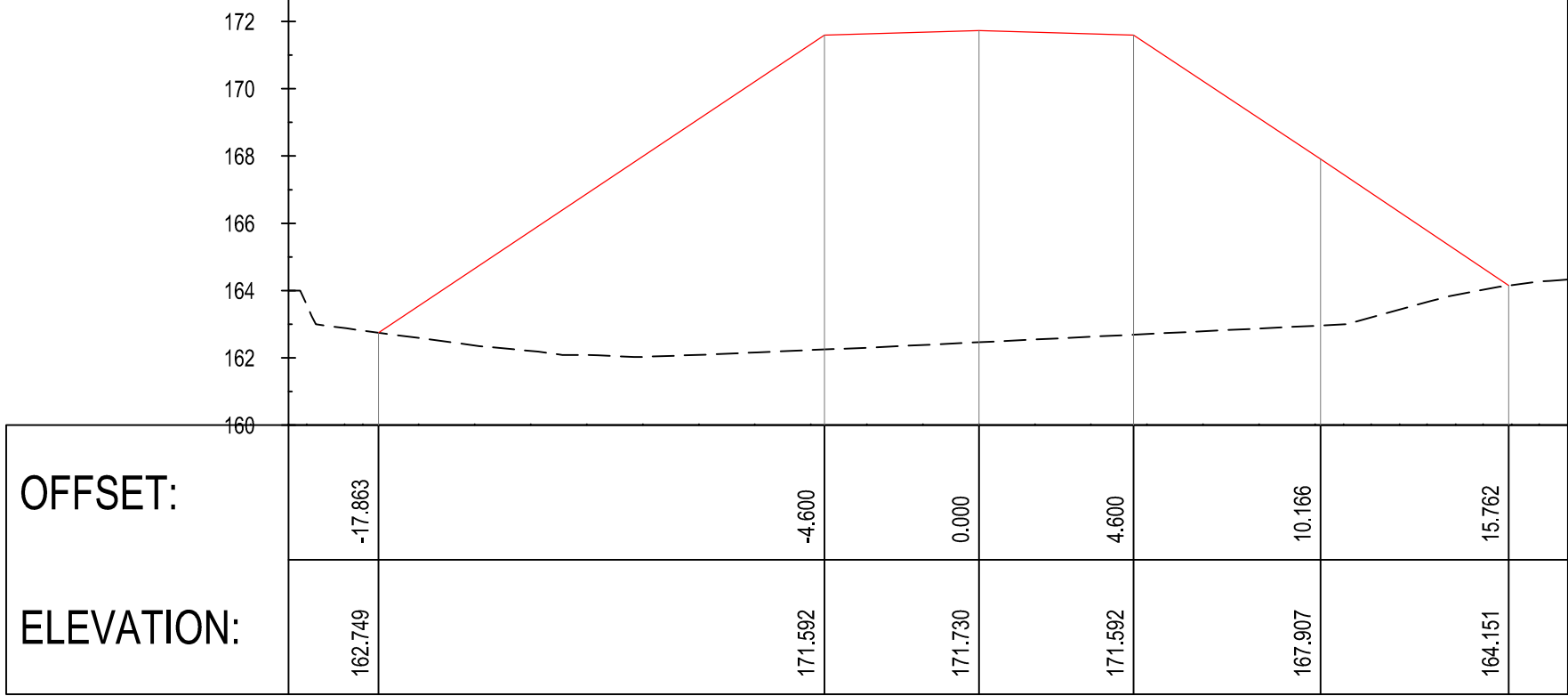
CH. 20



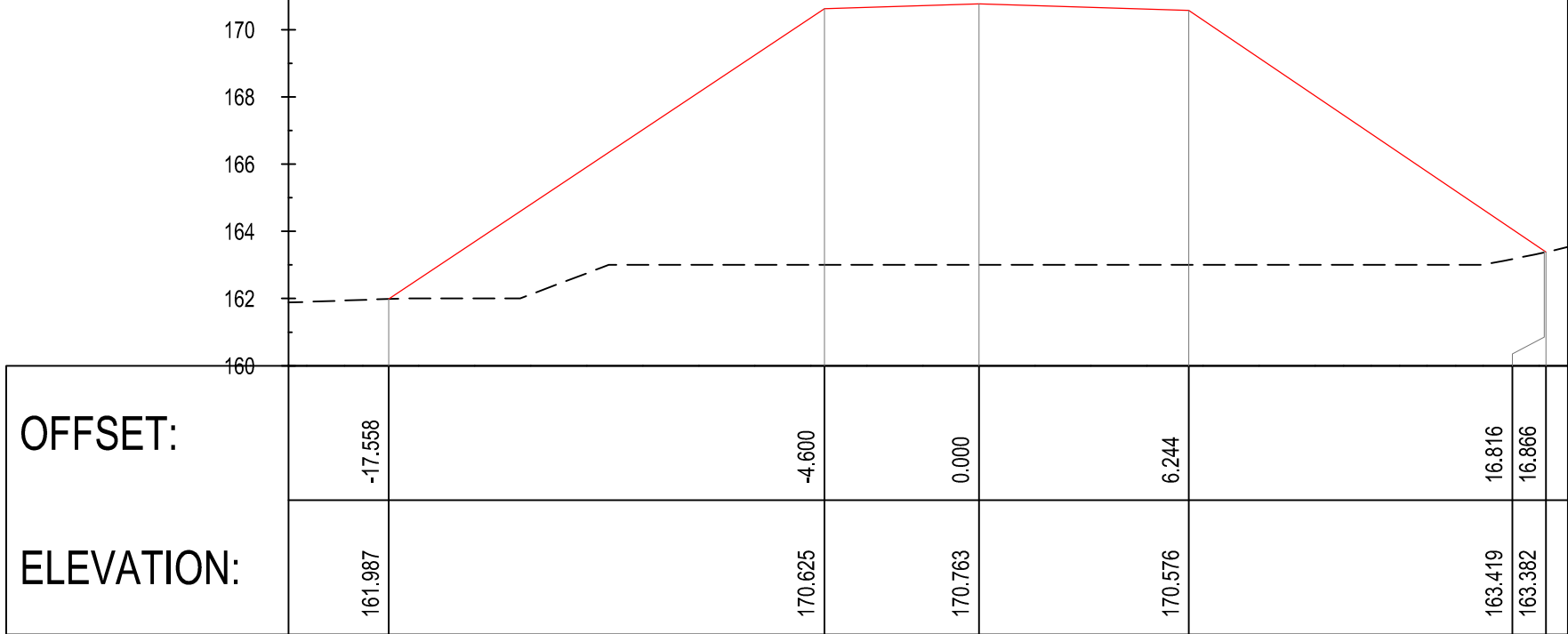
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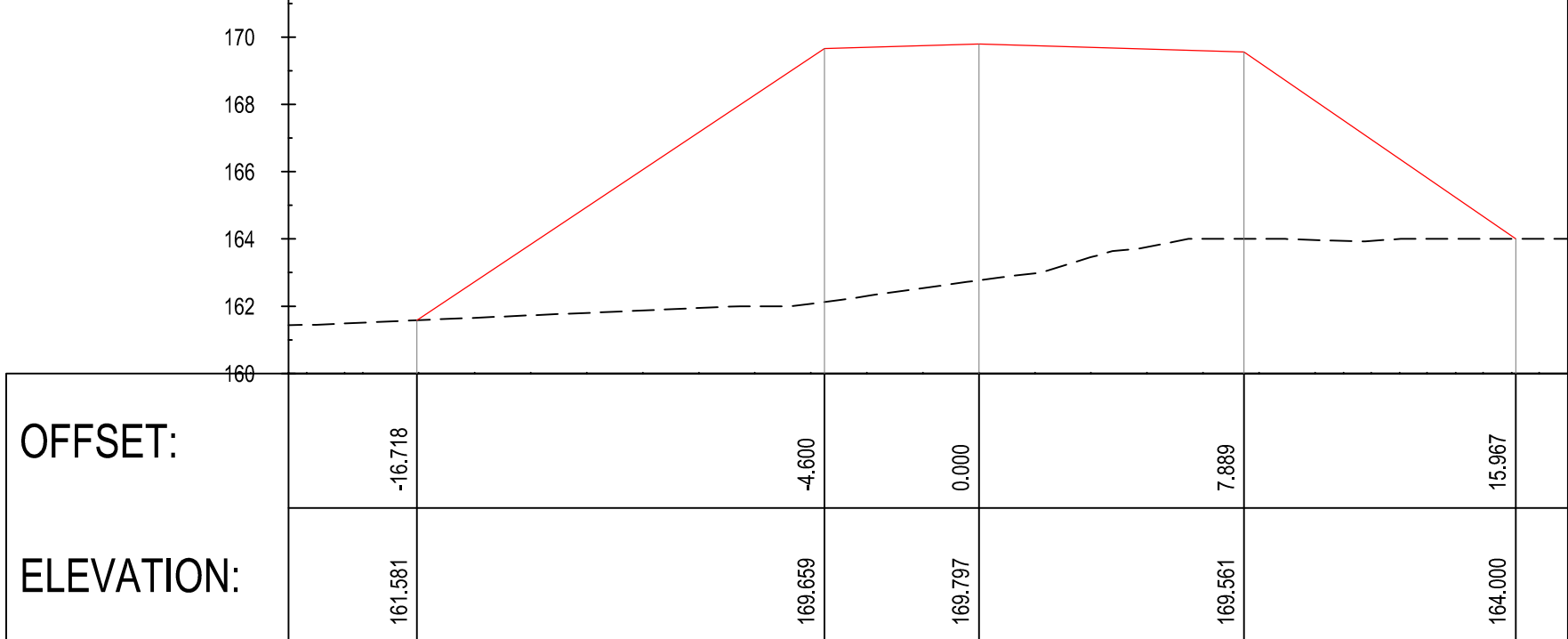
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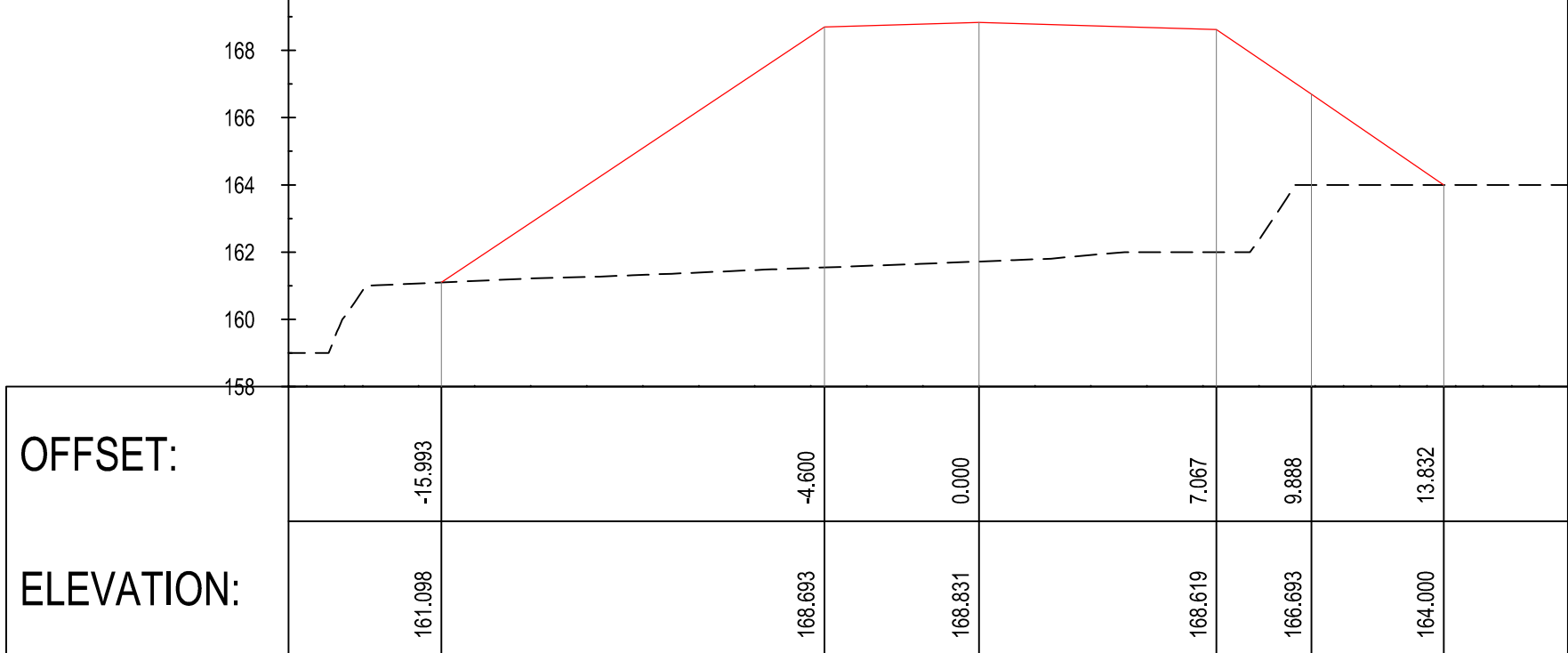
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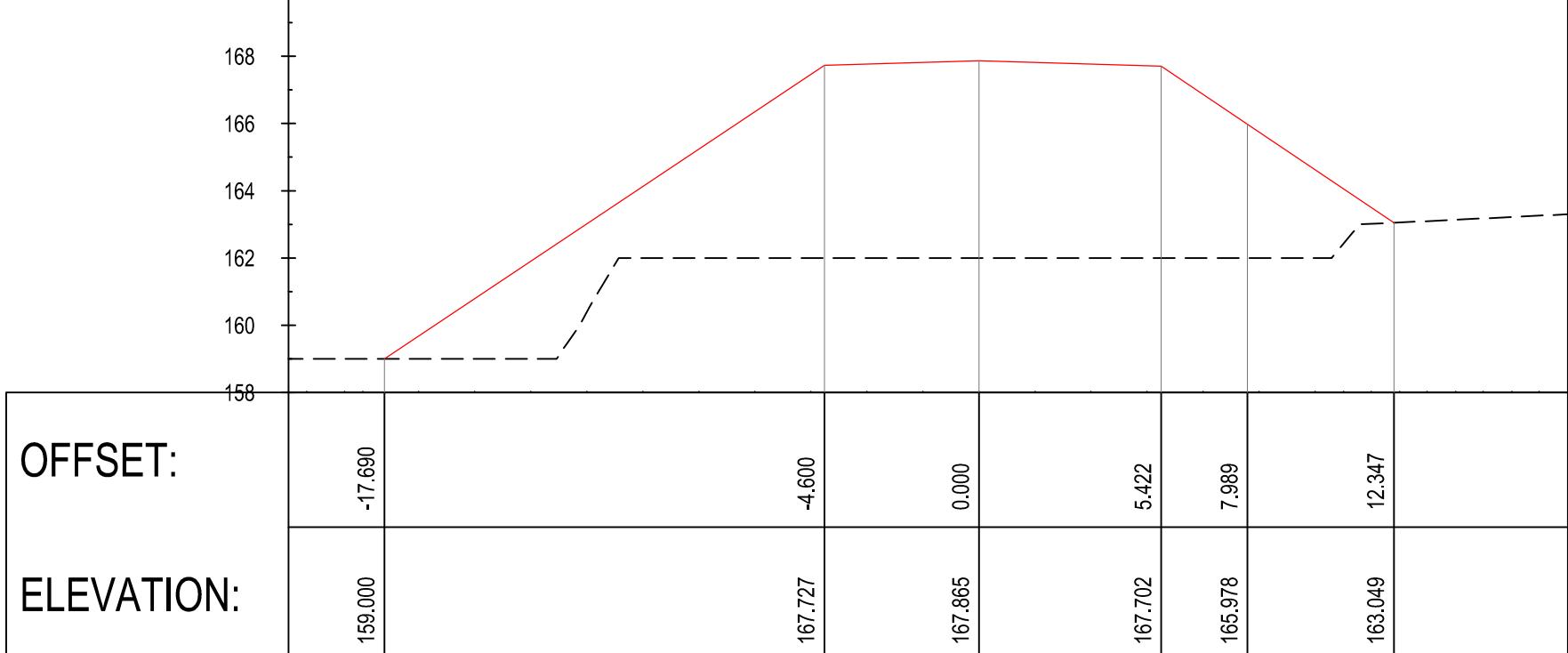
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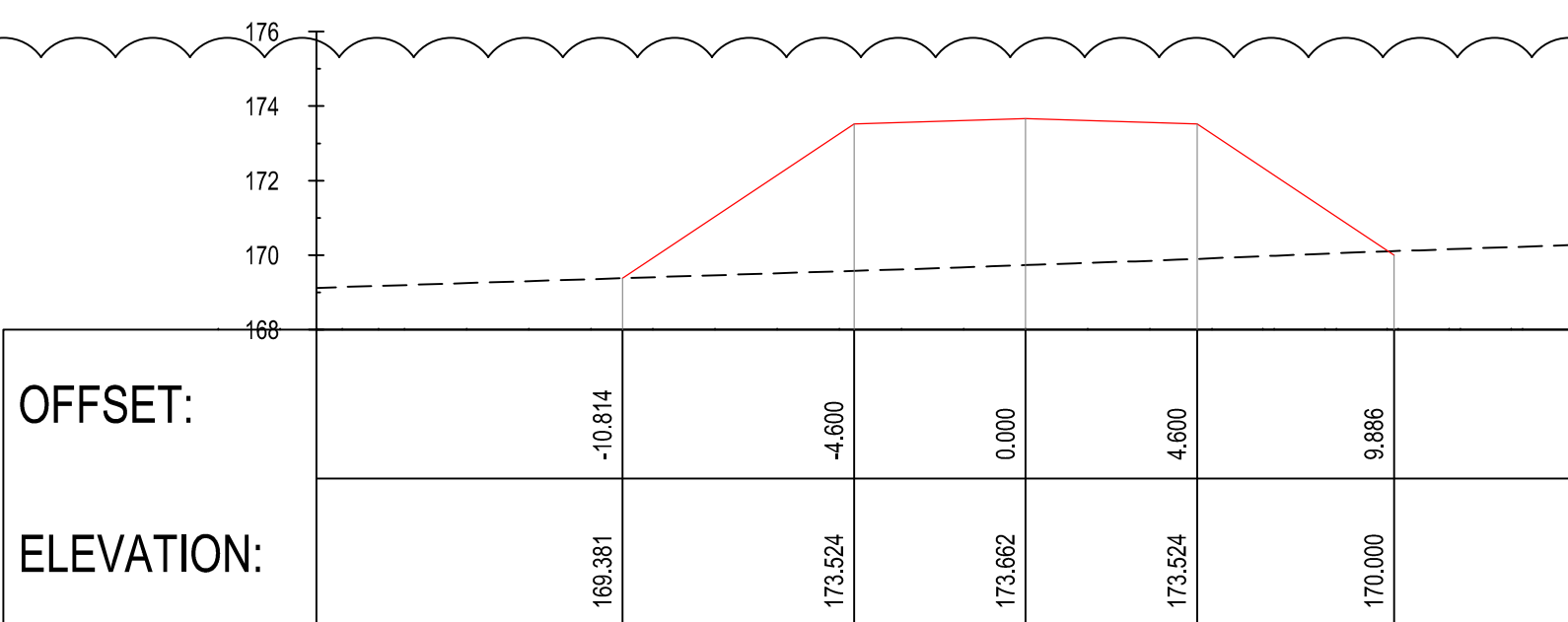
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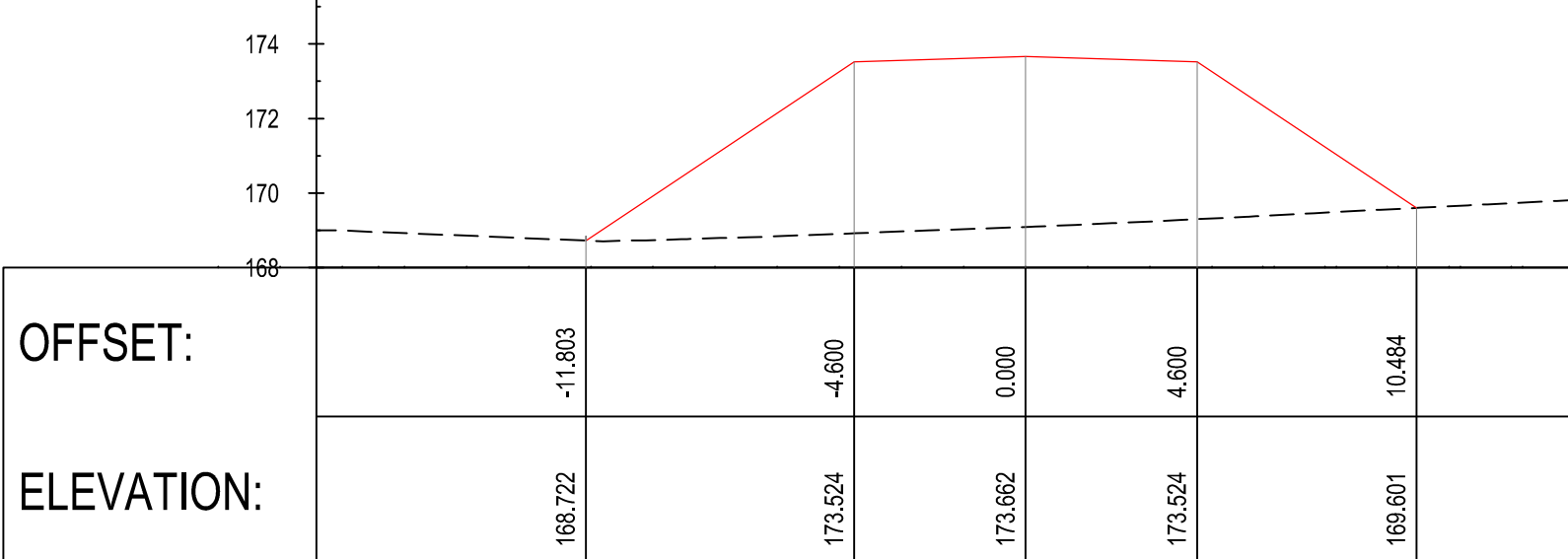
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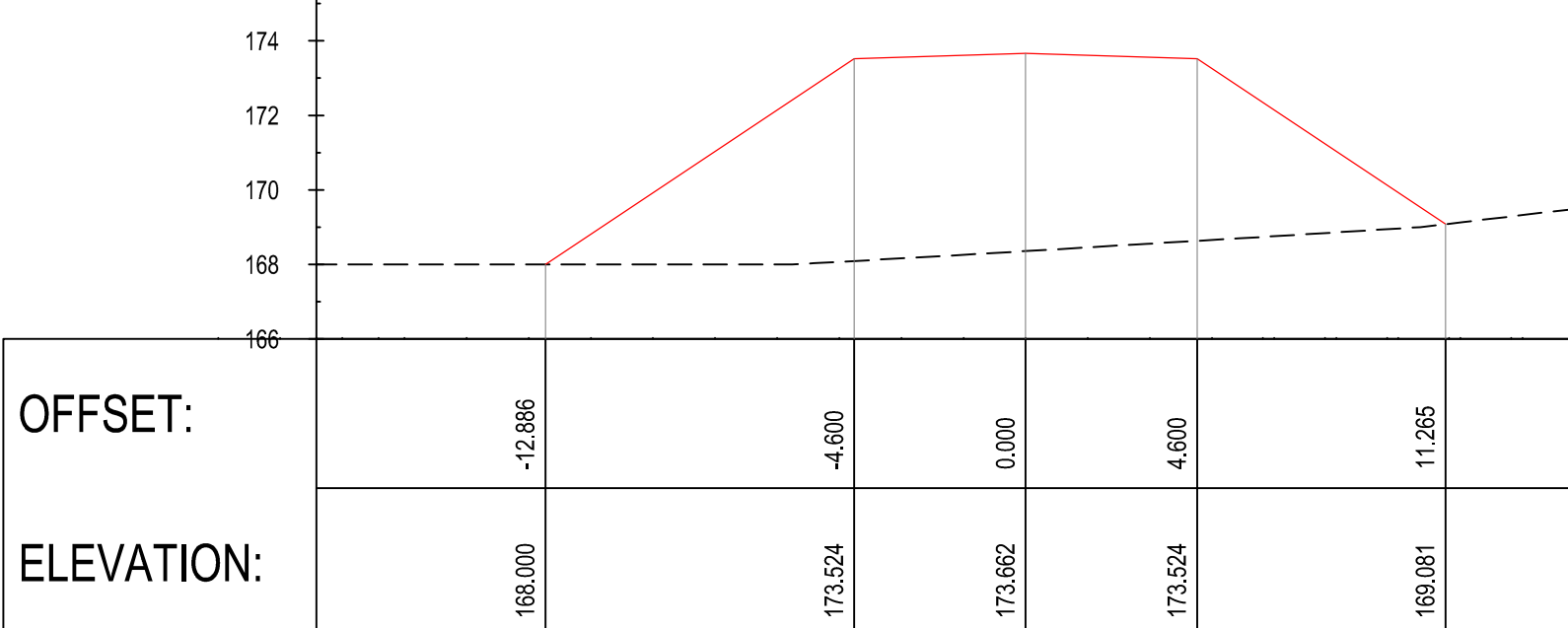
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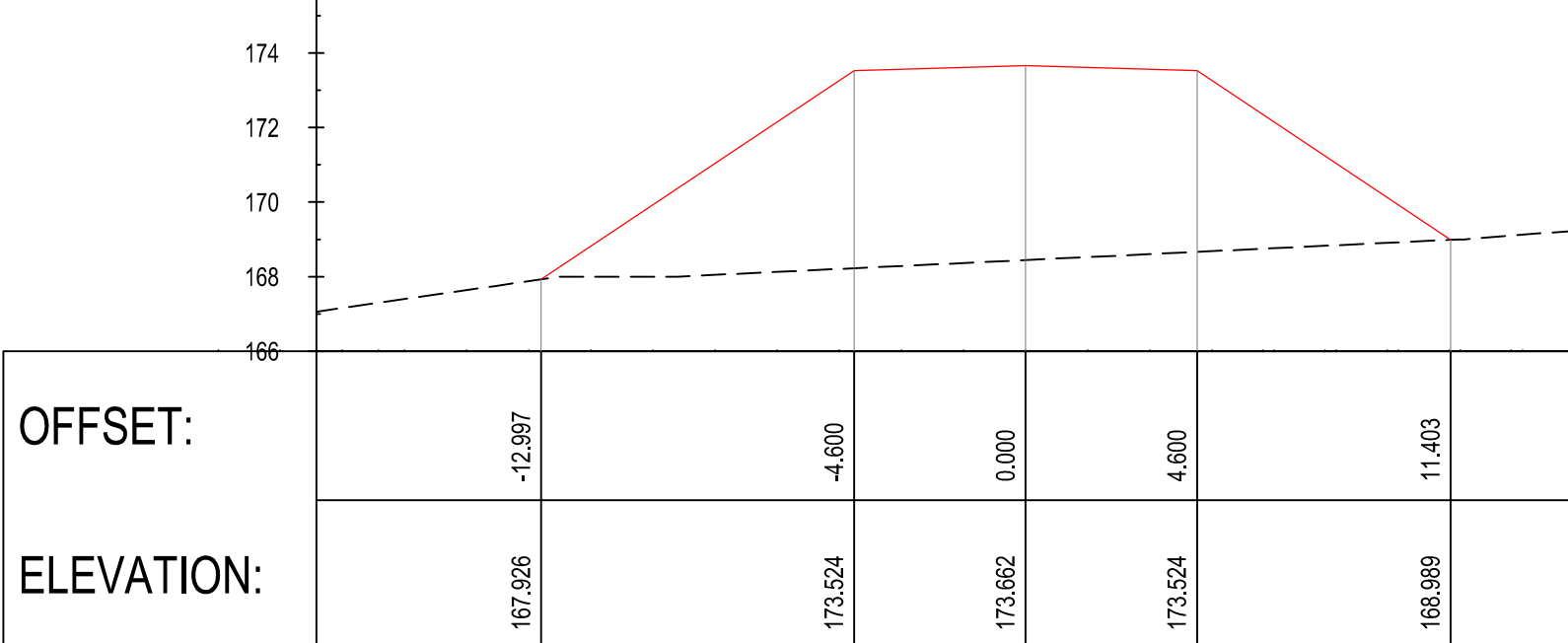
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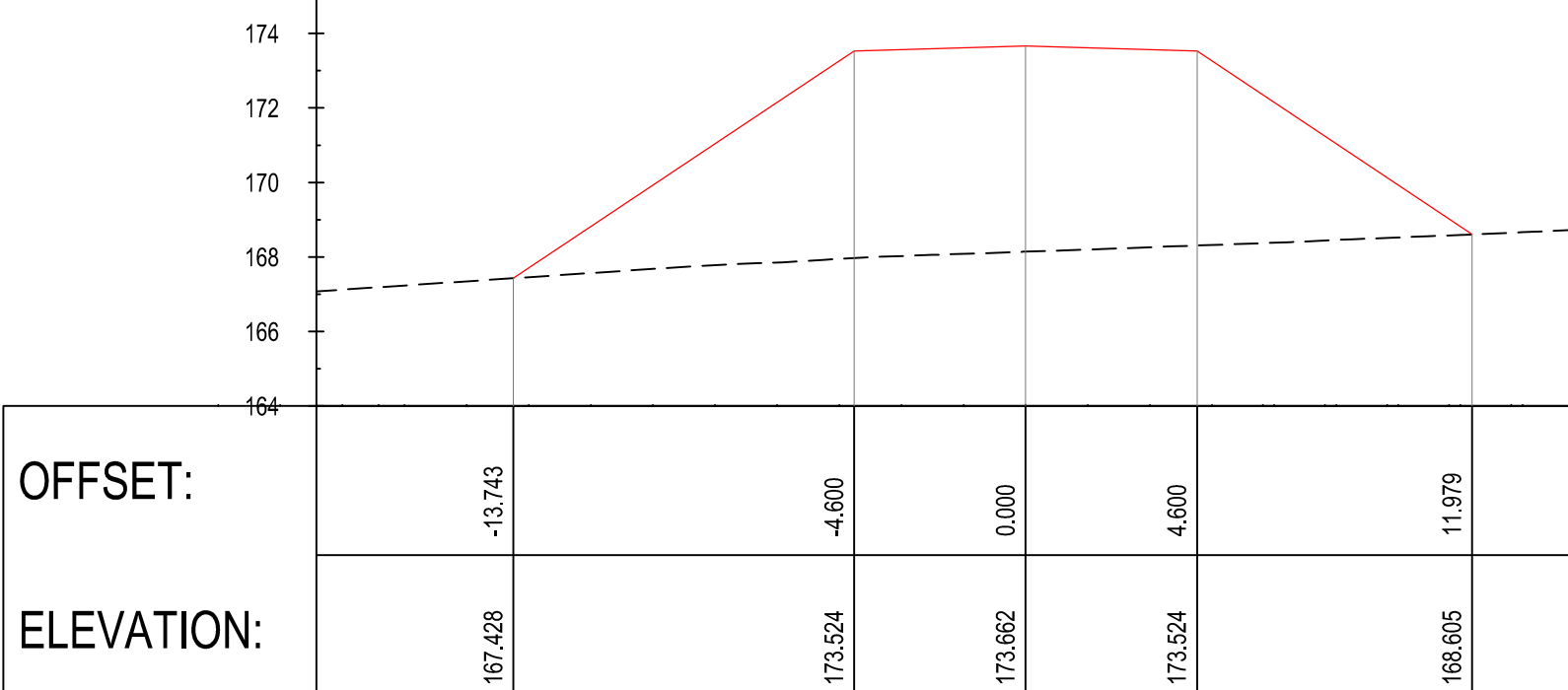
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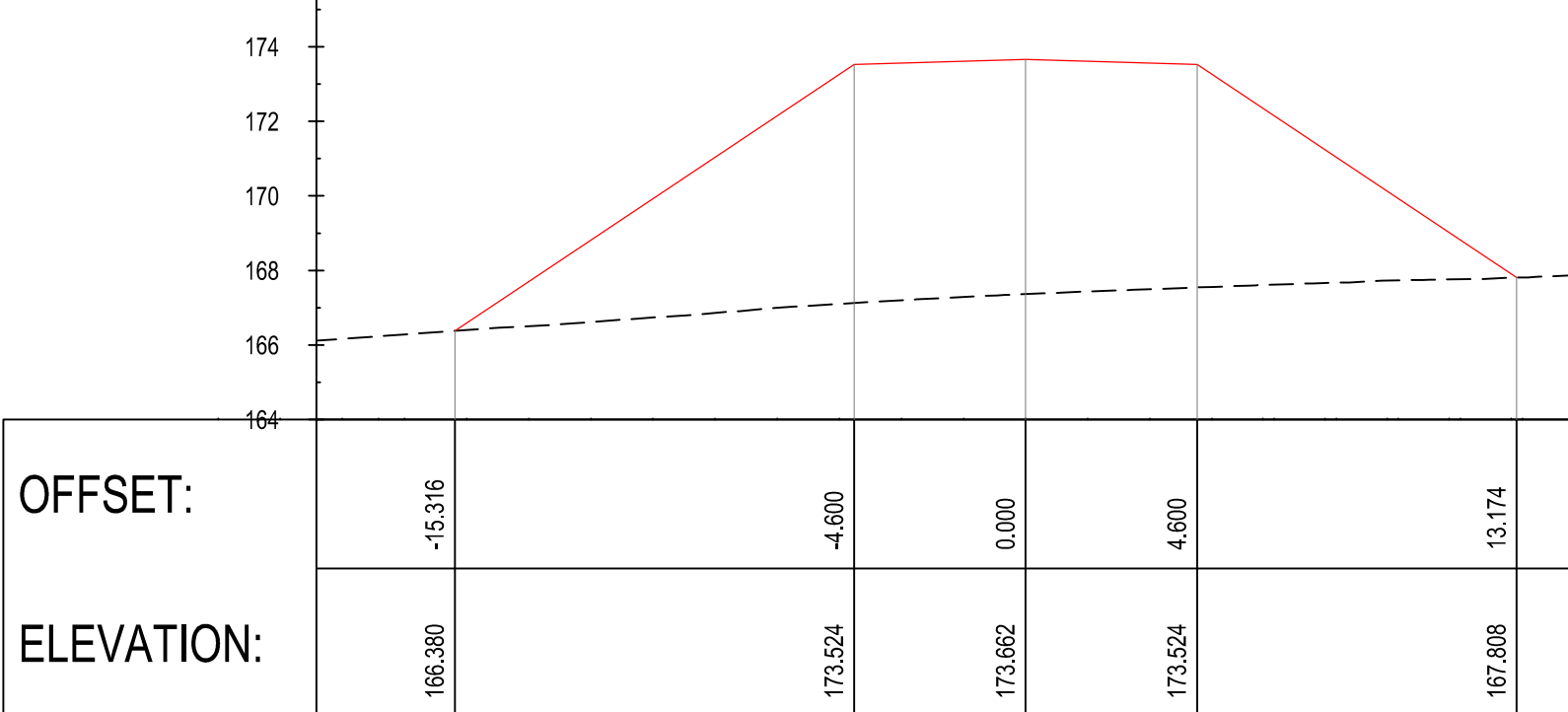
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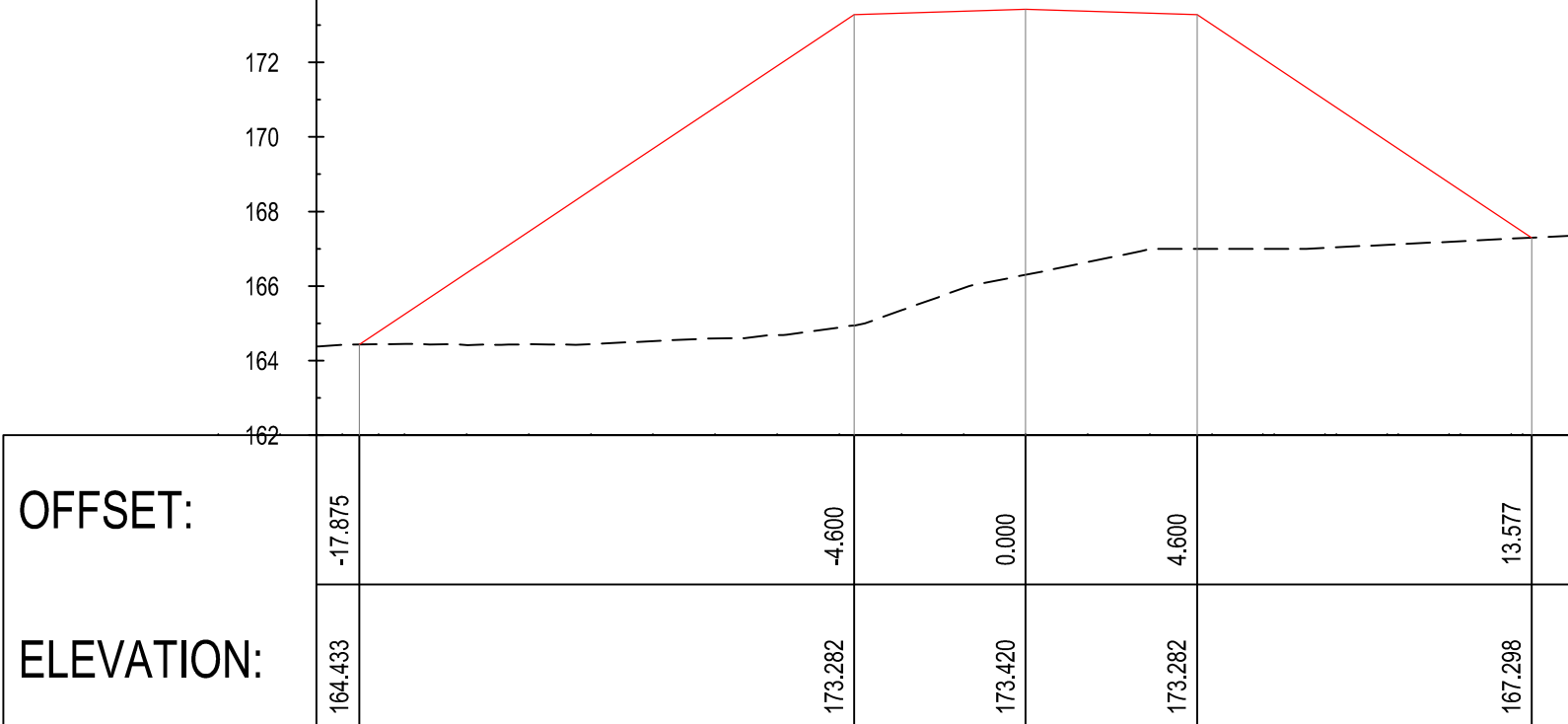
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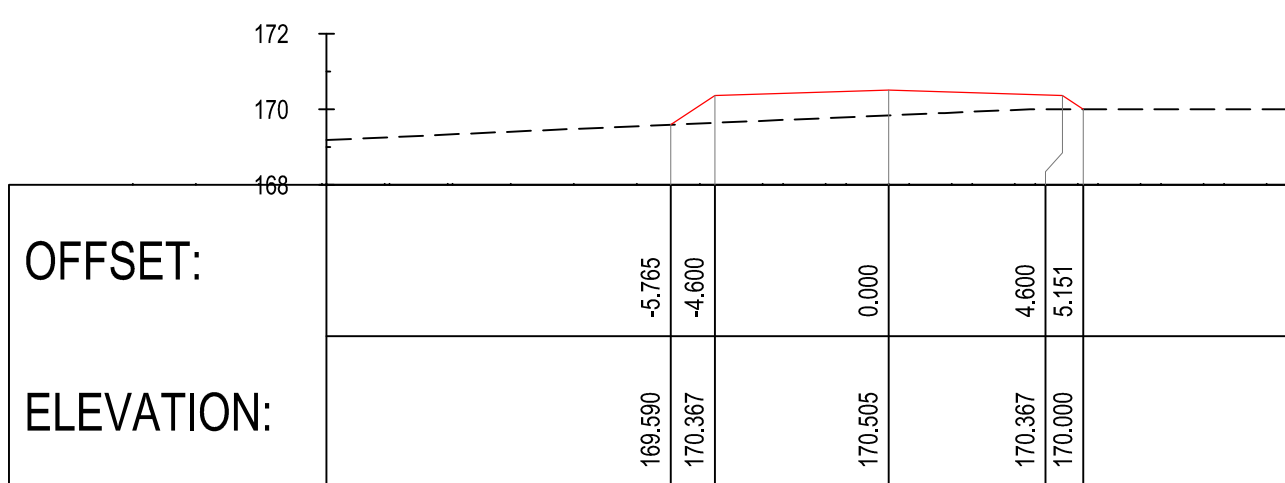
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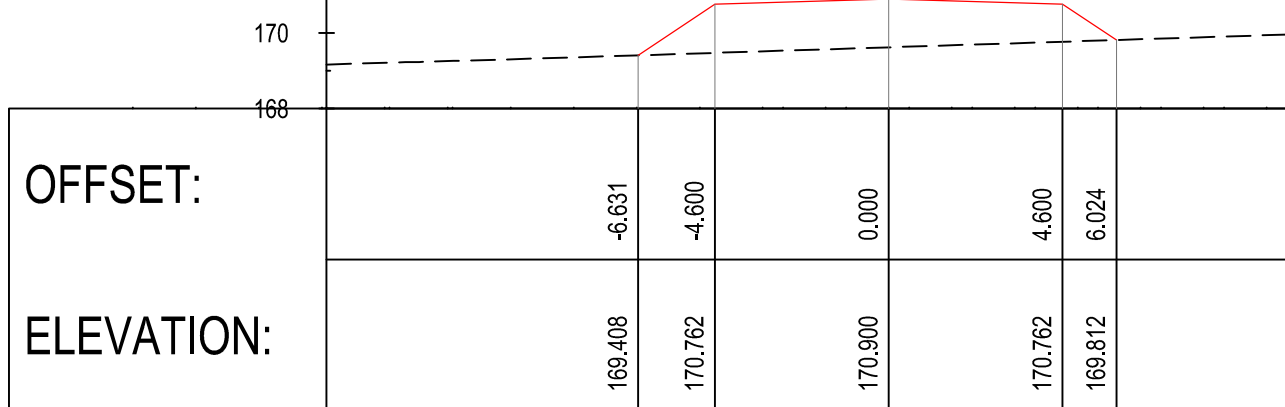
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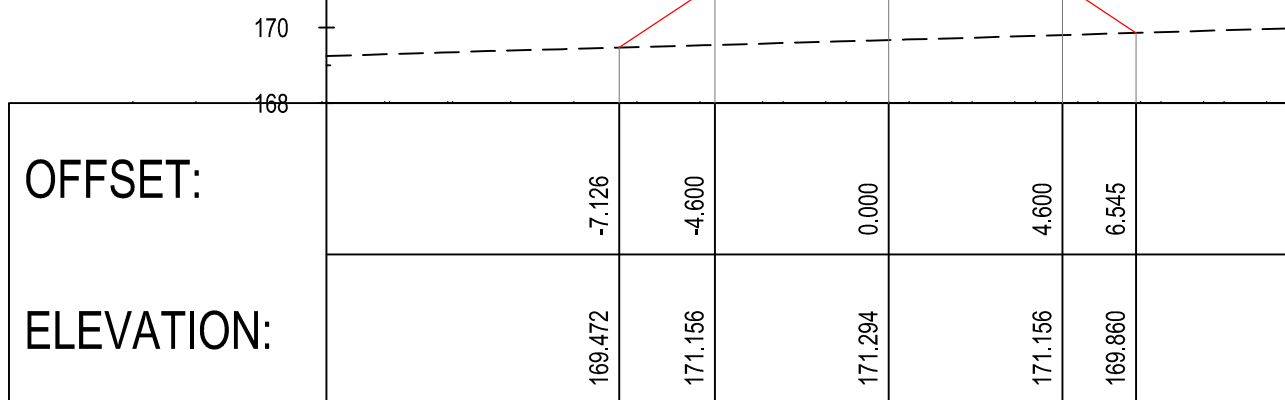
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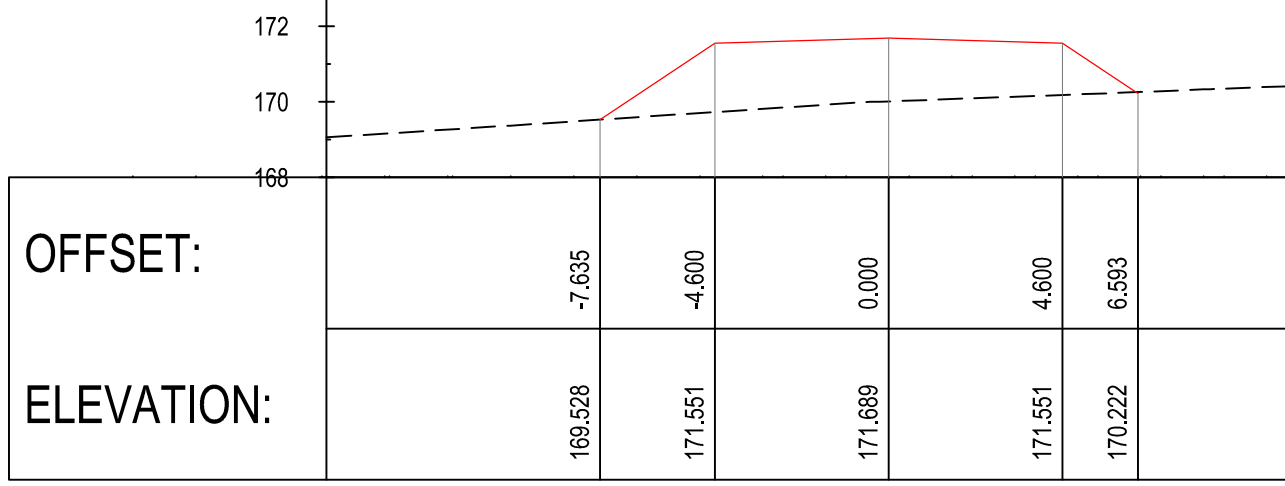
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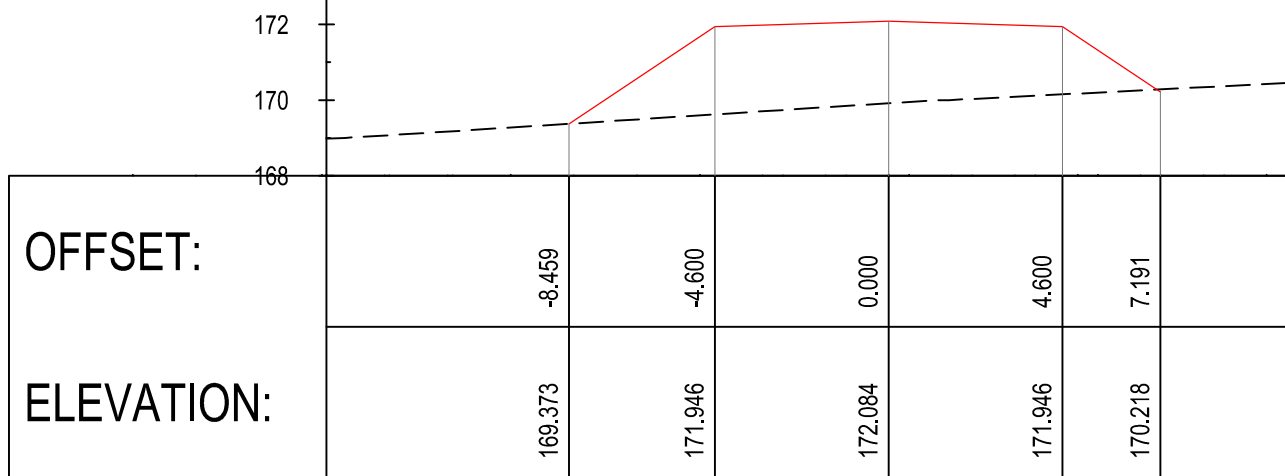
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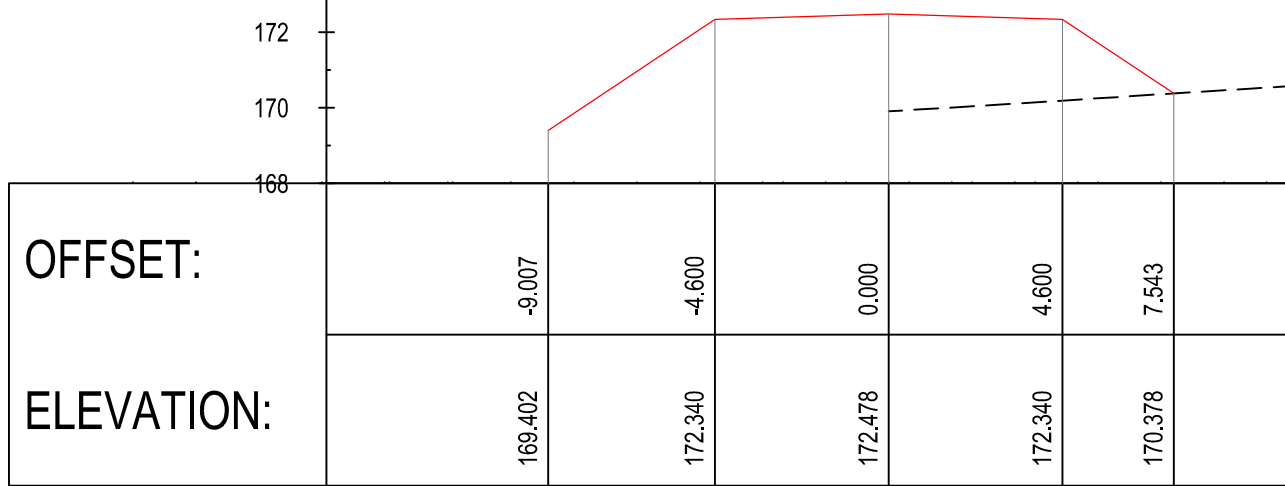
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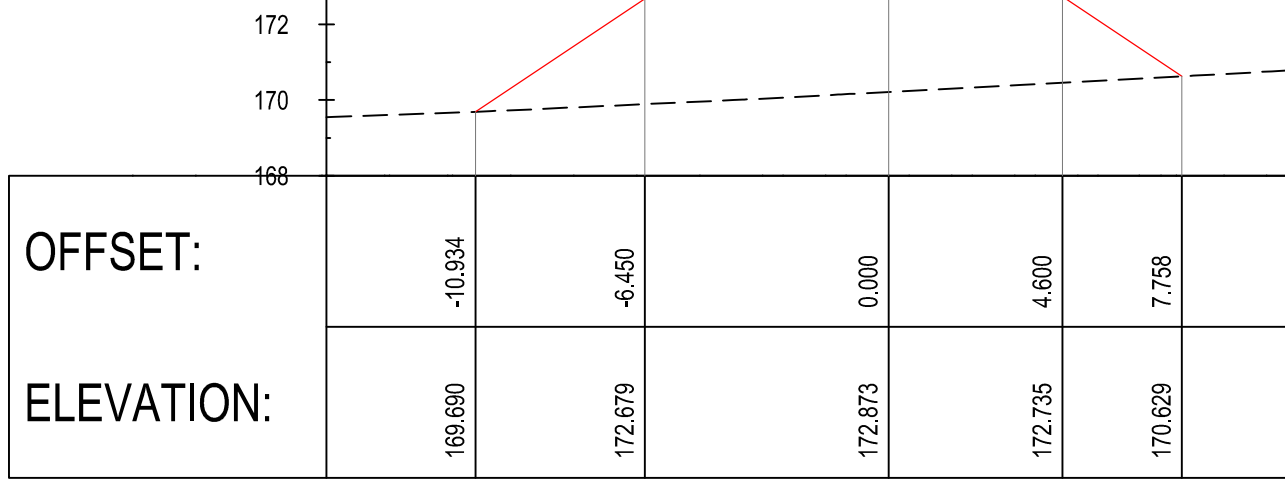
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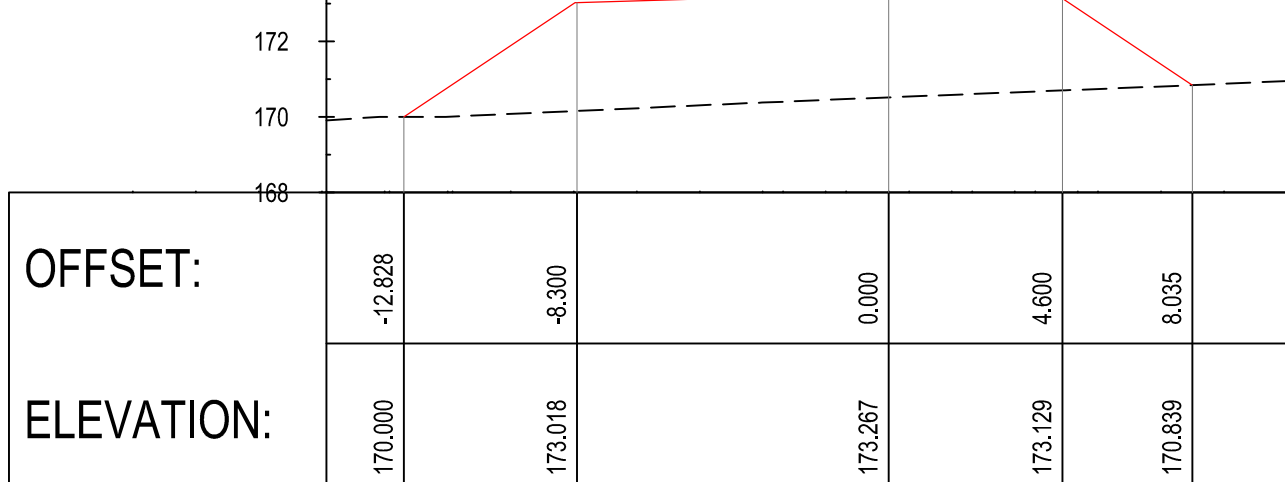
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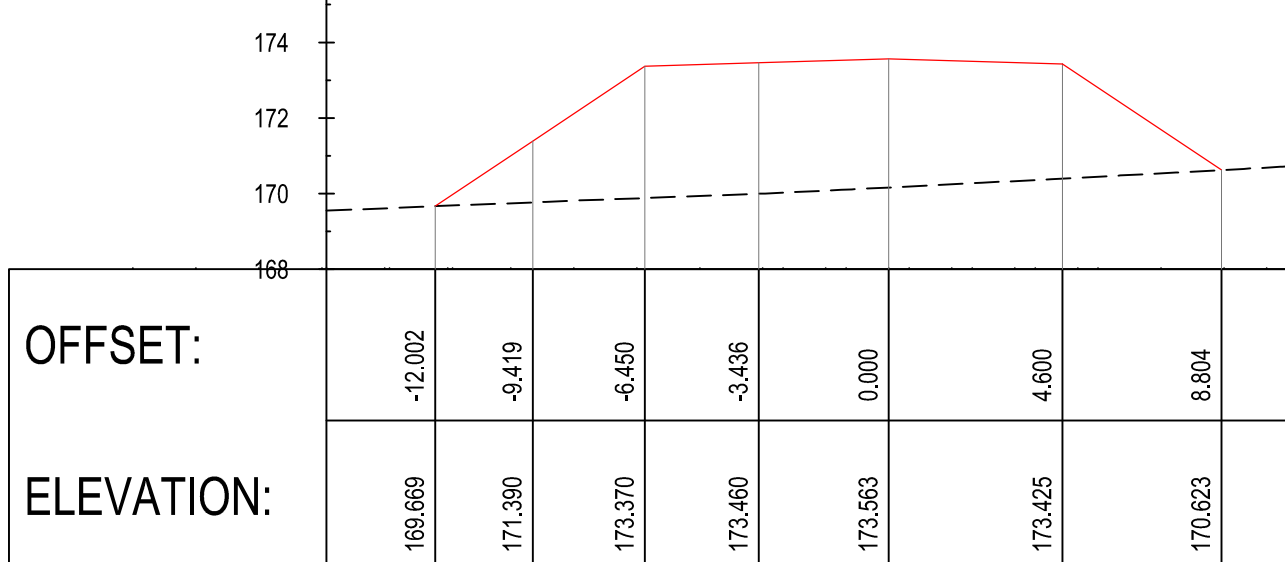
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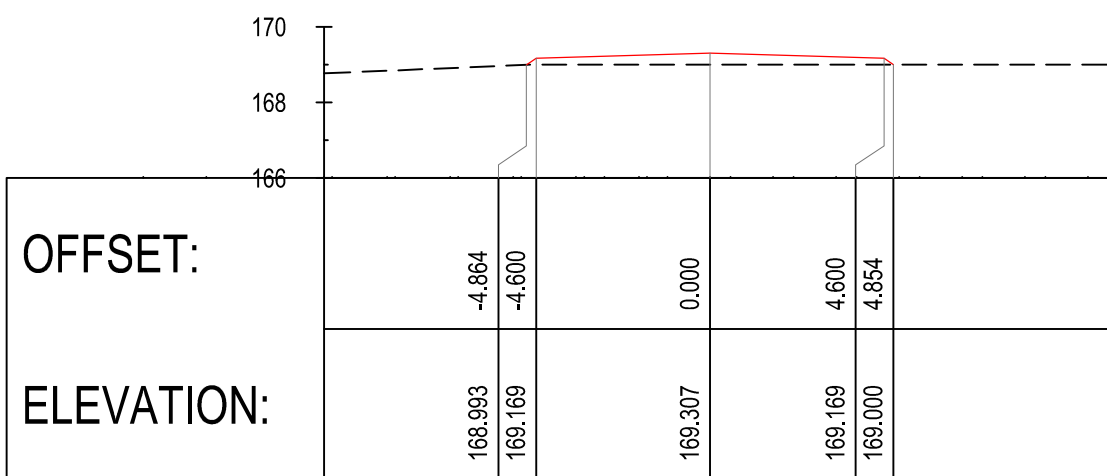
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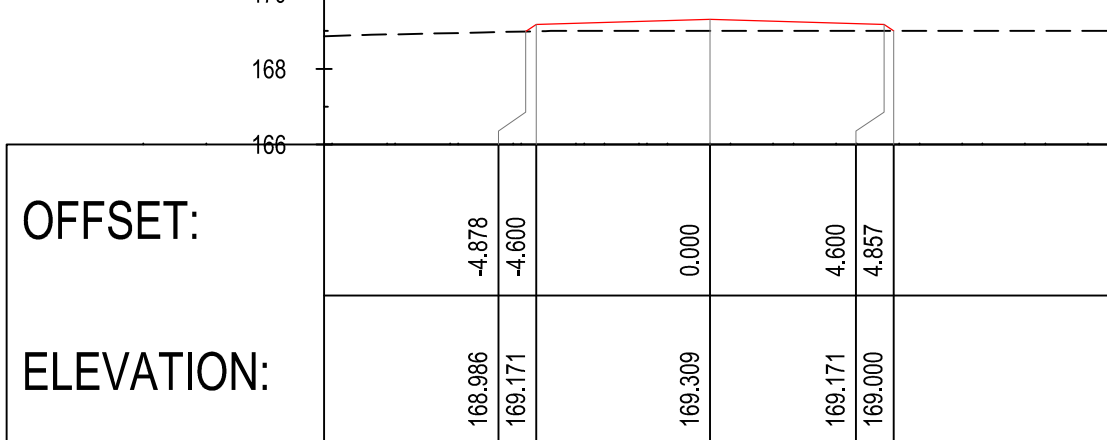
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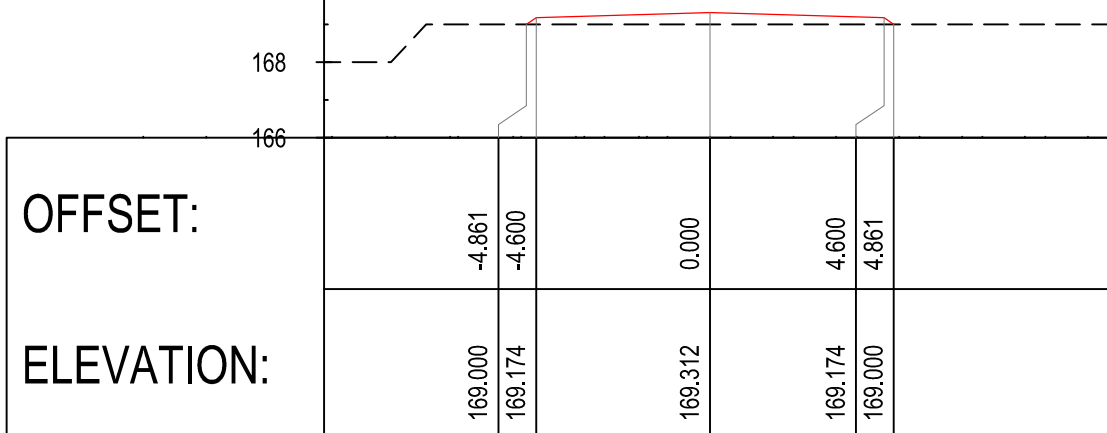
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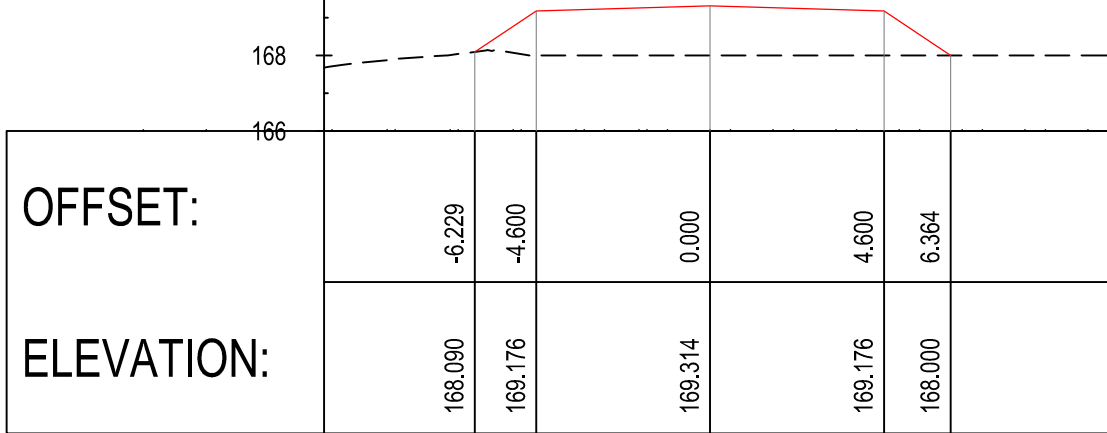
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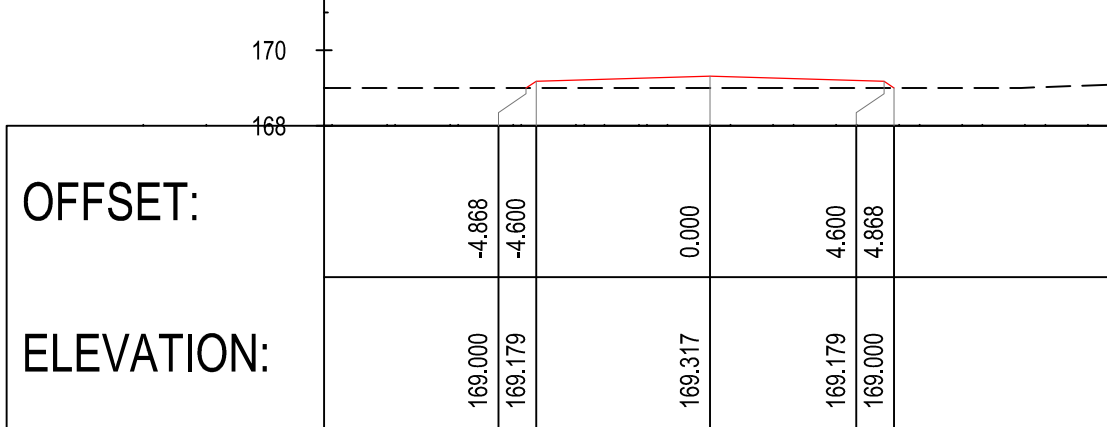
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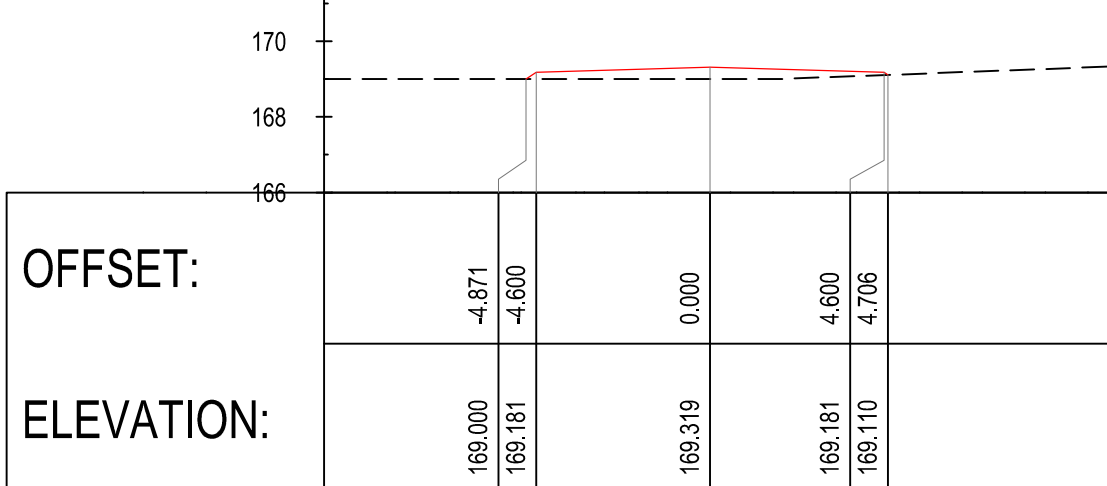
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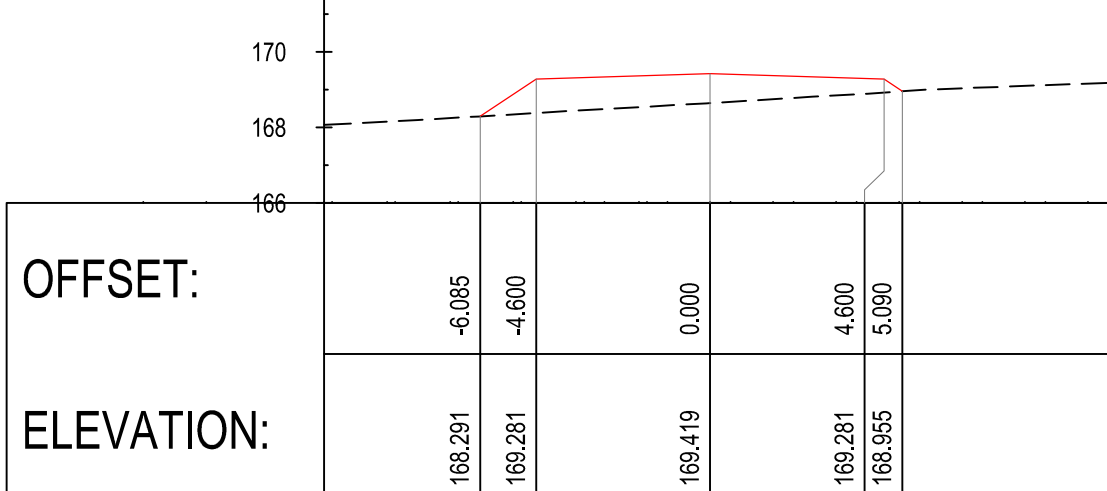
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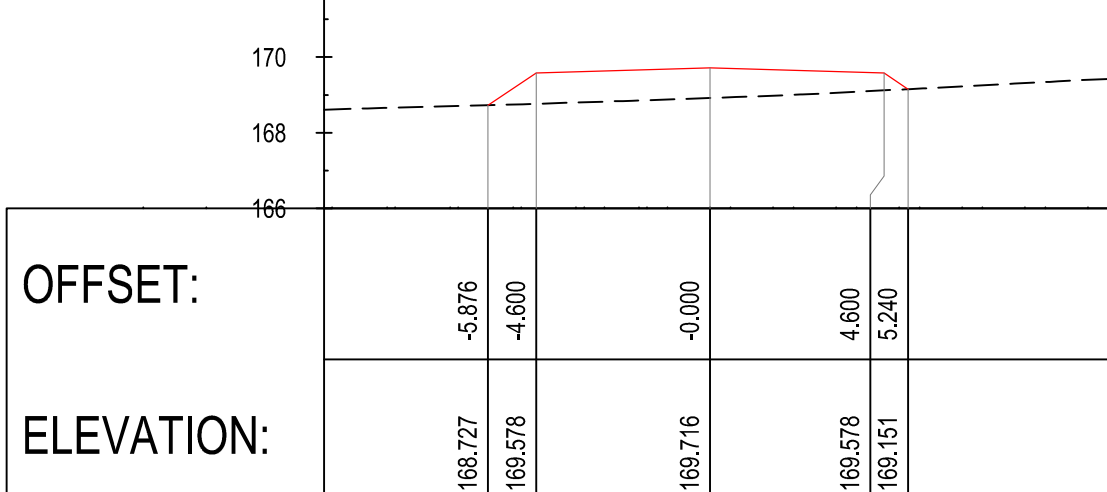
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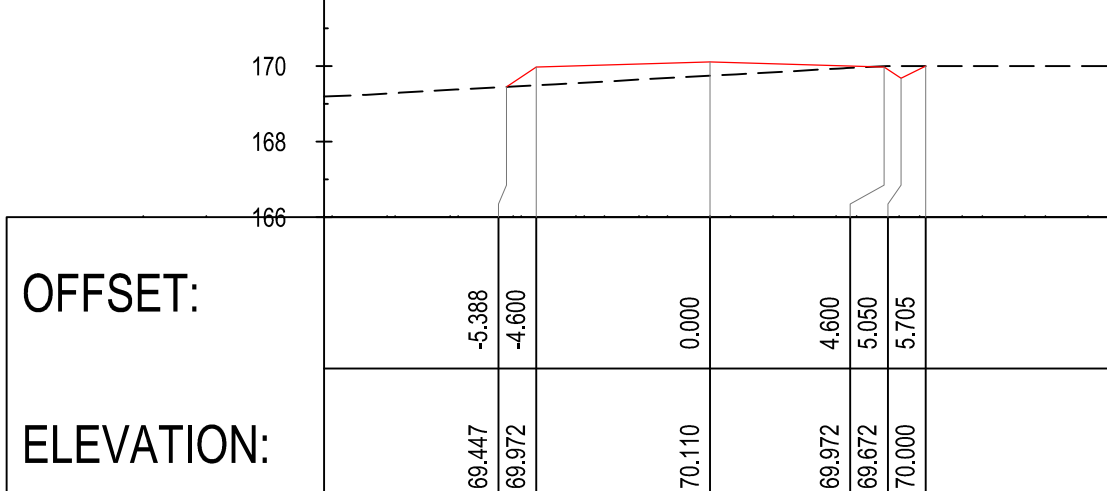
CH. 640



CH. 620



CH. 600



CH. 580

GENERAL NOTES:

1. THIS DRAWING WAS PREVIOUSLY ISSUED AS: H353004-00000-224-260-0020-0001

LEGEND :
FORMATION
NGL

PERMIT TO PRACTICE
HATCH LTD.
Signature
Date
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geoscientists and Geographers (APREG)

APPROVED FOR CONSTRUCTION

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HATCH

Baffinland

BAFFINLAND IRON MINES LP
MARY RIVER PROJECT

TOTE ROAD
GRADE CROSSING (RAIL CH 92.649km)
CROSS SECTIONS CH. 0.000m TO CH. 740.000m

H353004-30000-224-273-0046-0001	CROSS SECTIONS CH. 760+000 TO CH. 1+040
H353004-30000-224-294-0010-0001	TYPICAL HAUL ROAD CROSS SECTION
H353004-30000-224-294-0009-0001	TYPICAL LEVEL CROSSING LAYOUT
H353004-30000-224-271-0036-0001	GRADE CROSSING AT 92+649

DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	

No.	DESCRIPTION	BY	CHK'D	DATE
3	CROSS SECTIONS ALTERED TO SUIT NEW TRACK ALIGNMENT. RAIL CHAINAGE UPDATED.	AJVN		2021/03/02
2	ROAD CROSS SECTIONS ALTERED TO SUITE RELOCATED GRADE CROSSING.	AJVN		2019/04/11
1	ROAD CROSS SECTIONS ALTERED TO SUITE CHANGED RAIL ALIGNMENT.	AJVN		2018/11/15
0	APPROVED FOR CONSTRUCTION	AJVN		2017/02/13

DRAFTSPERSON	AREA LEAD	DATE
A VAN NIEKERK	NR	2017/02/13
A VAN NIEKERK	NR	2017/02/13
G JOHNSTONE		
C JOHNSTONE		
RESP. ENG.	R HALIM	
LEAD DISC. ENG.	F VAN BILJON	
AREA LEAD	F VAN BILJON	
ENG. MANAGER	F VAN BILJON	
AREA MANAGER	F PITTMAN	

DRAWING APPROVAL STATUS:	Approved for Construction
--------------------------	---------------------------

SCALE	DWG. No.	REV
1:200 OR AS NOTED	H353004-30000-224-273-0026-0001	3

1
H353004-30000-224-273-0046-0001
DWG. No.

2

3

4

5

6

7

8

A

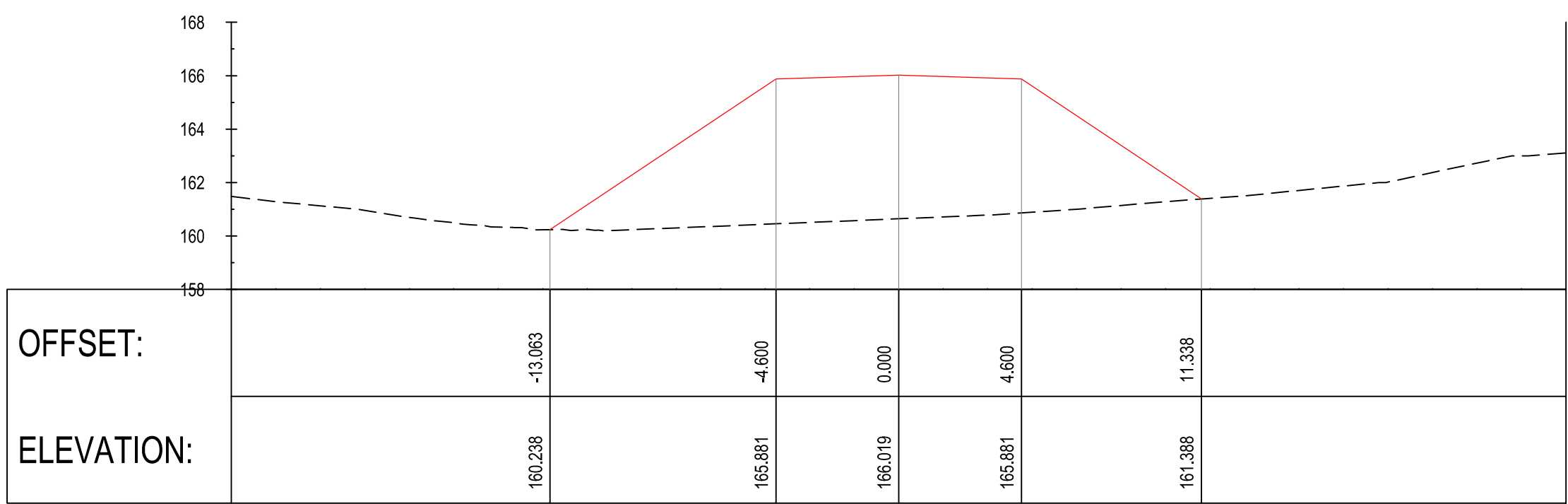
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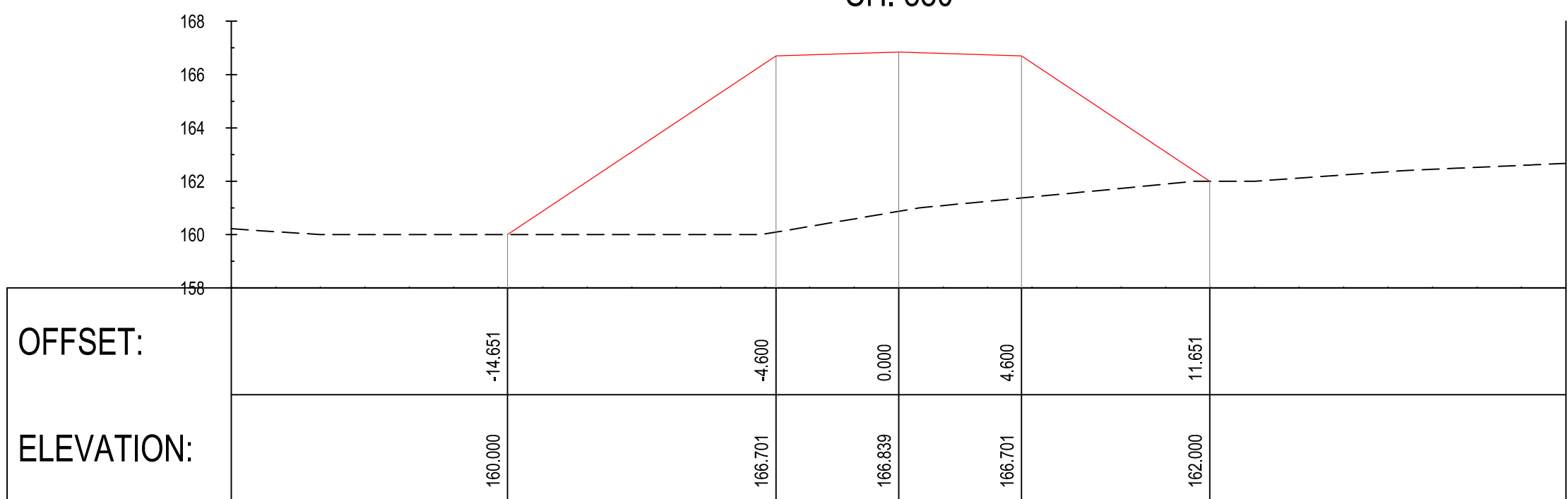
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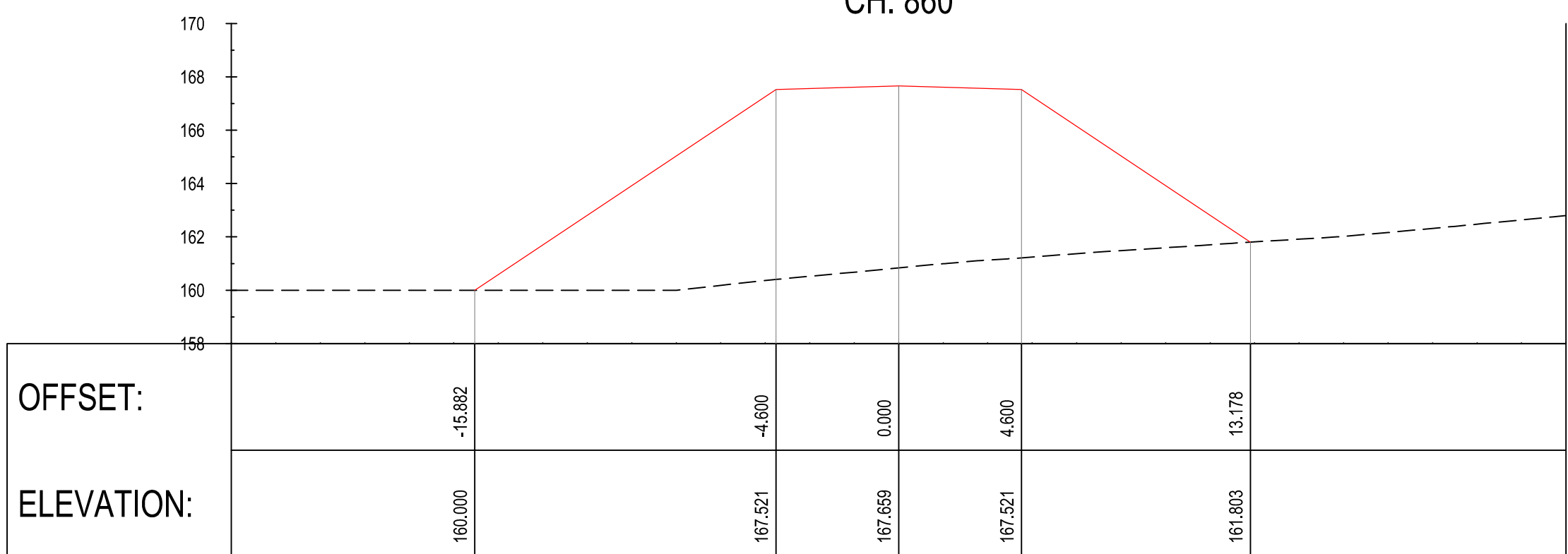
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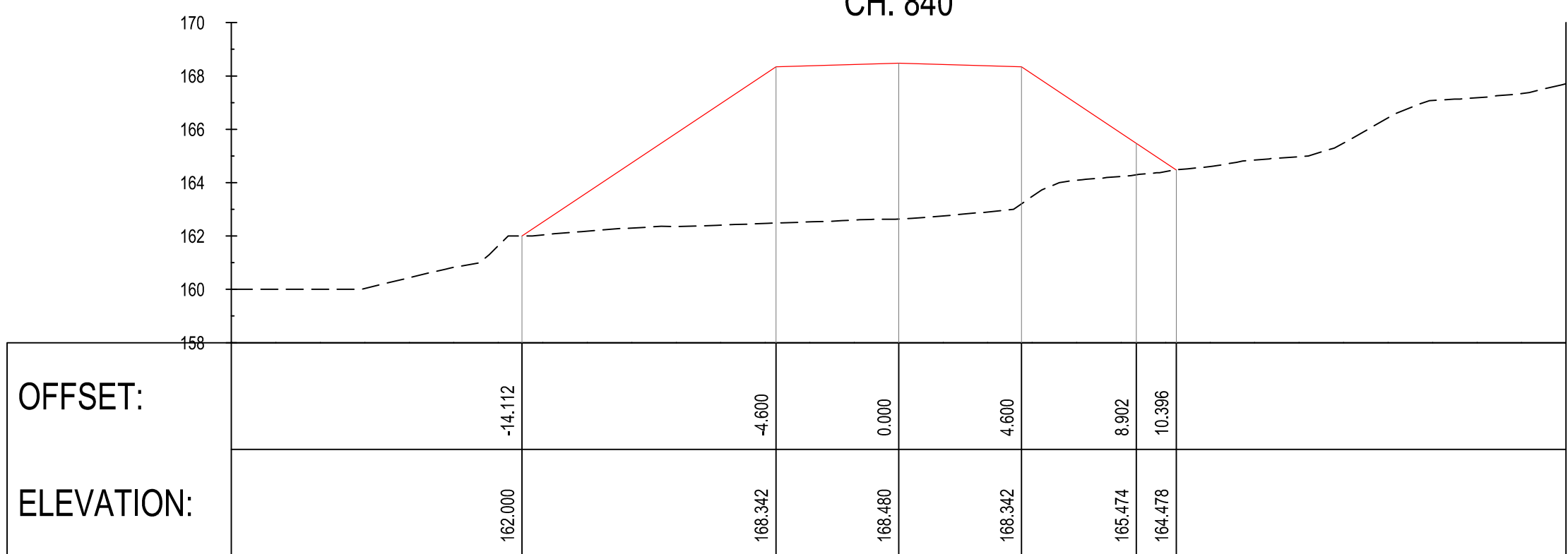
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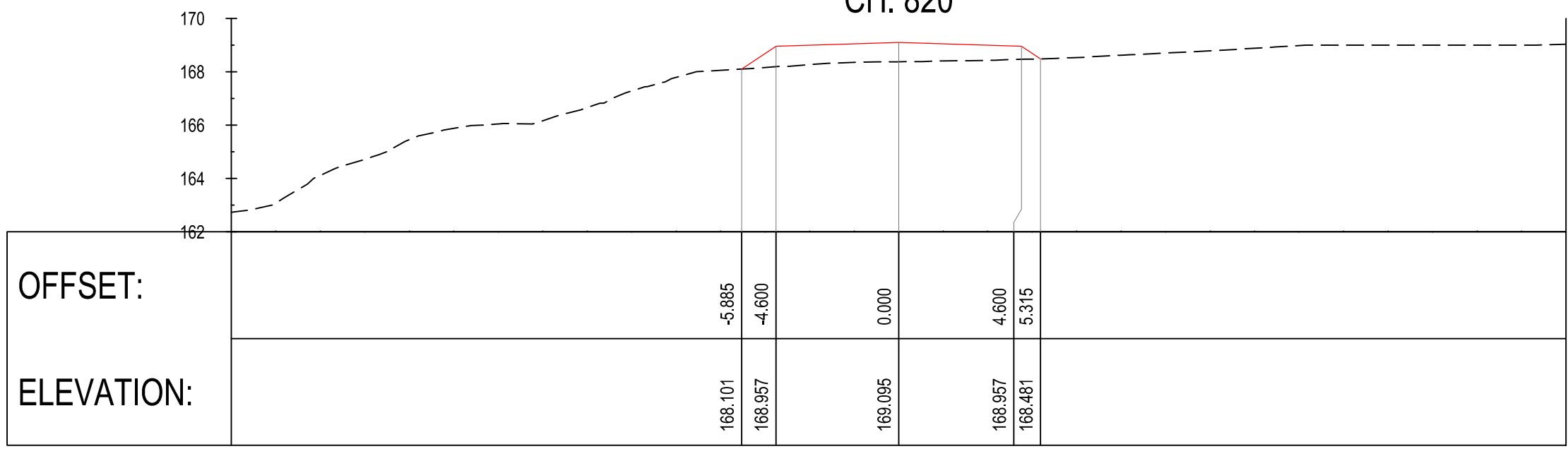
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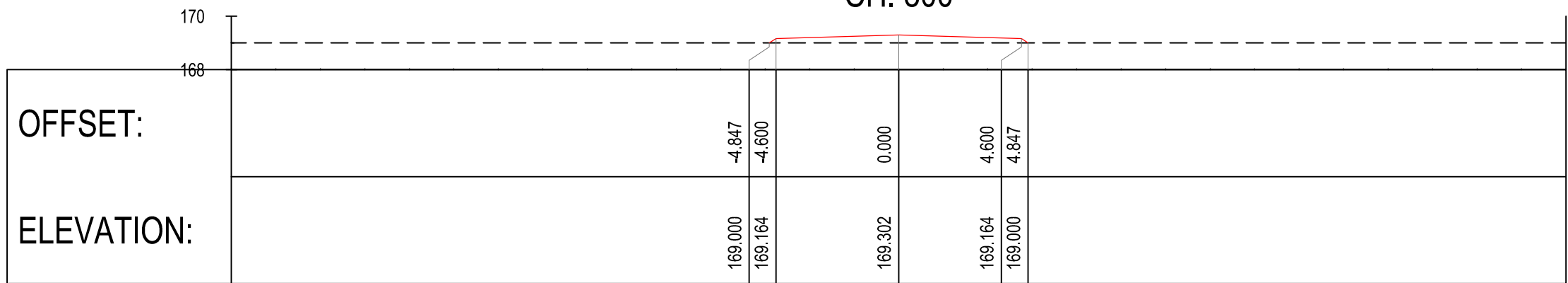
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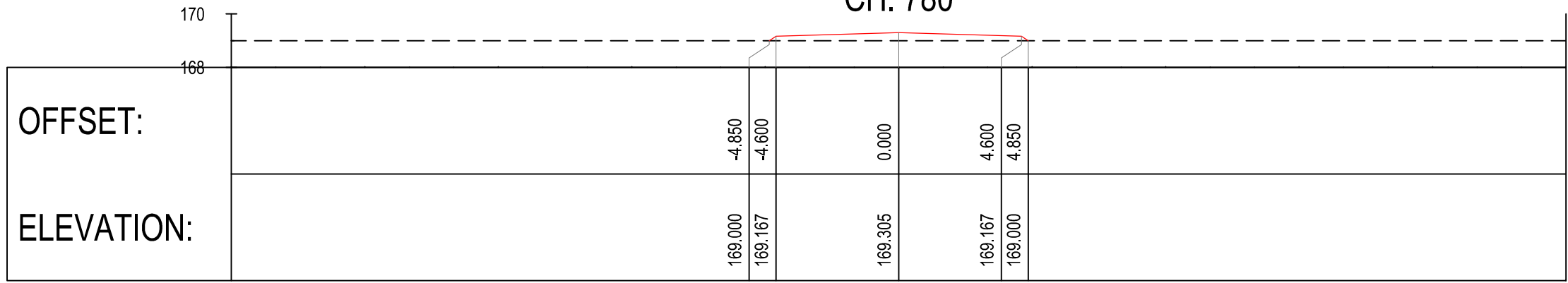
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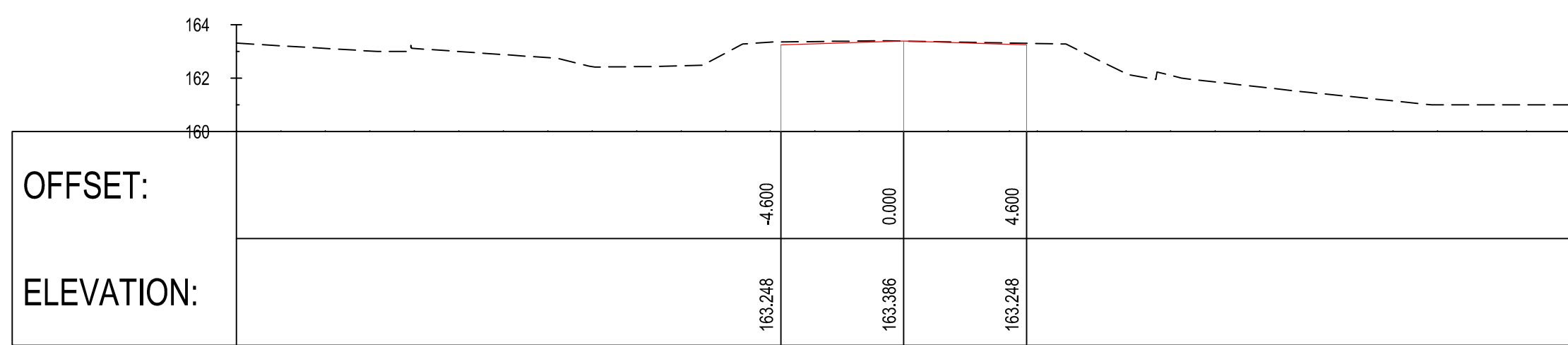
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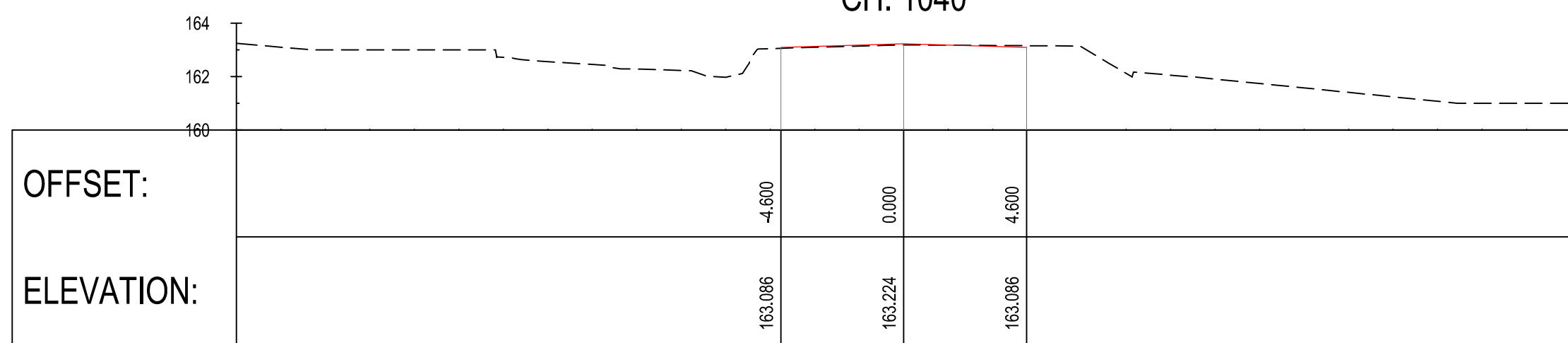
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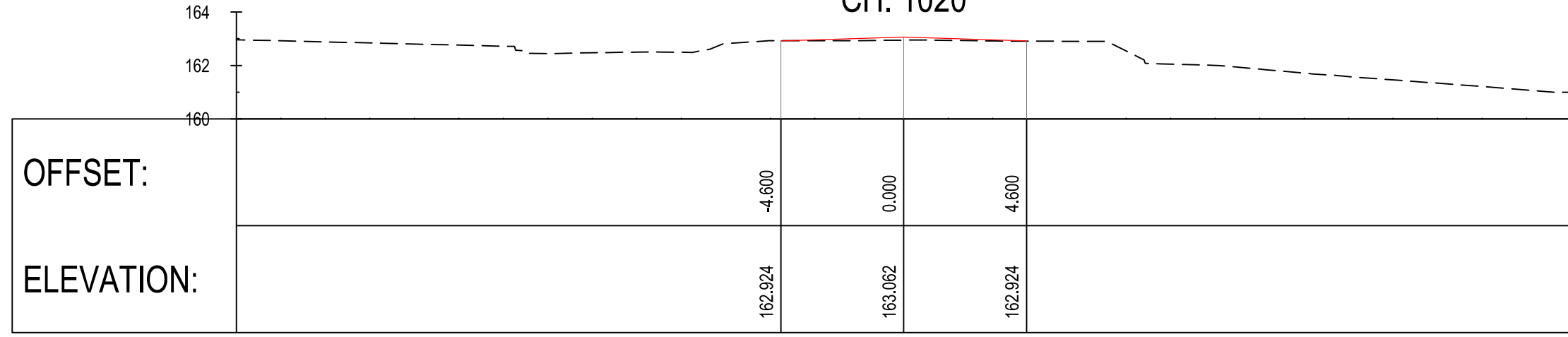
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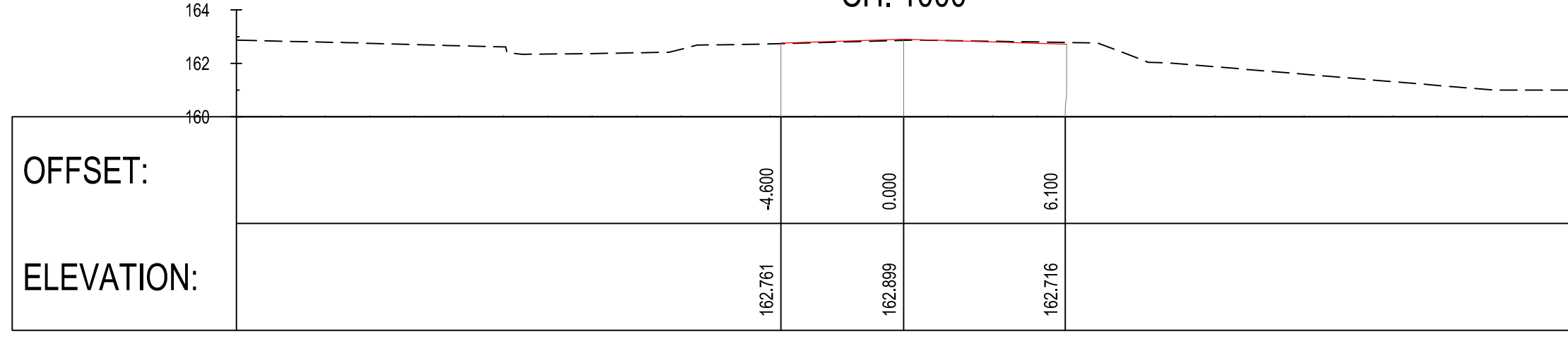
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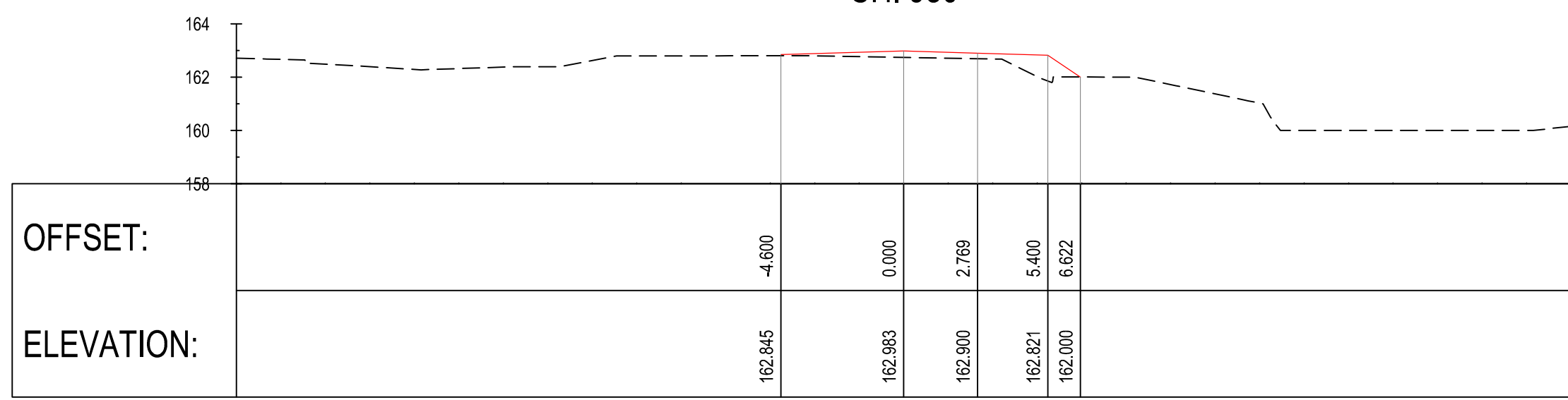
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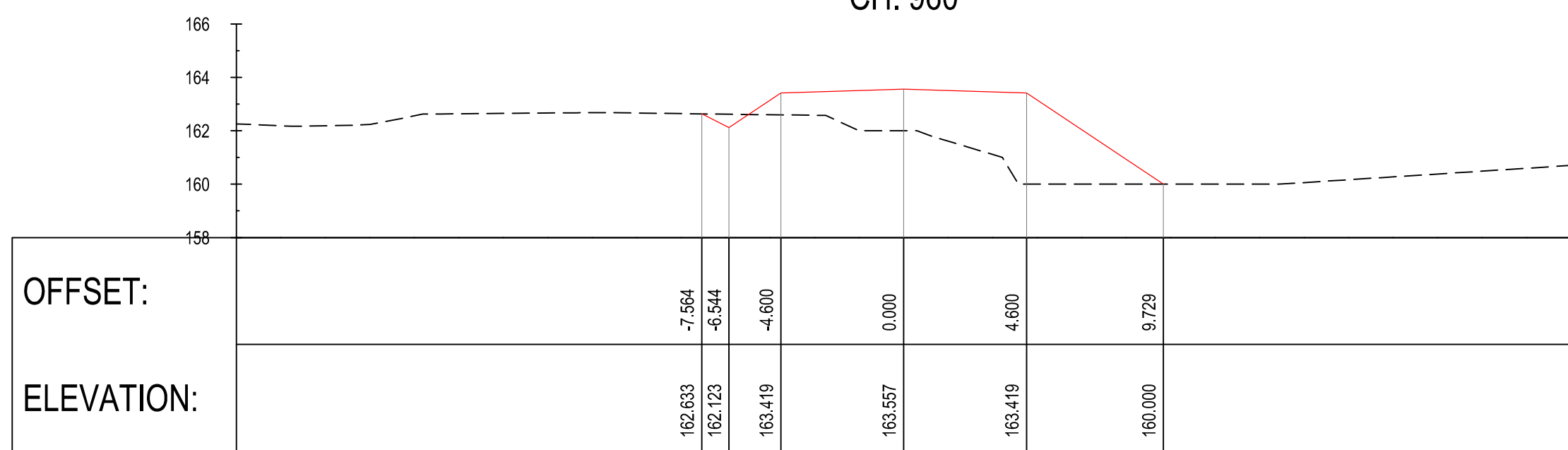
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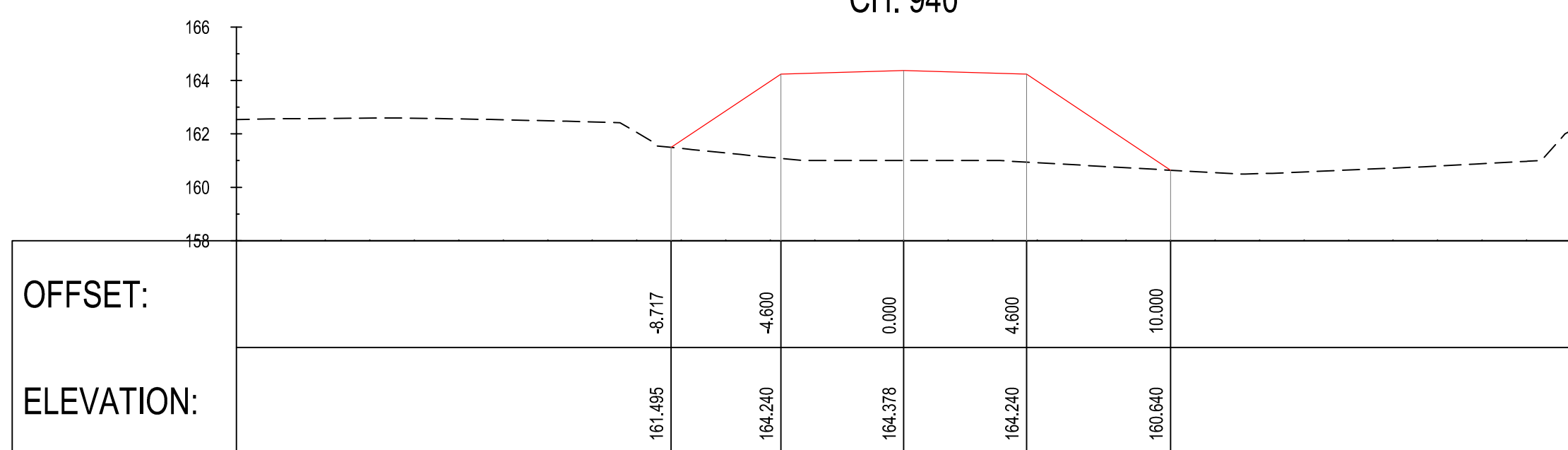
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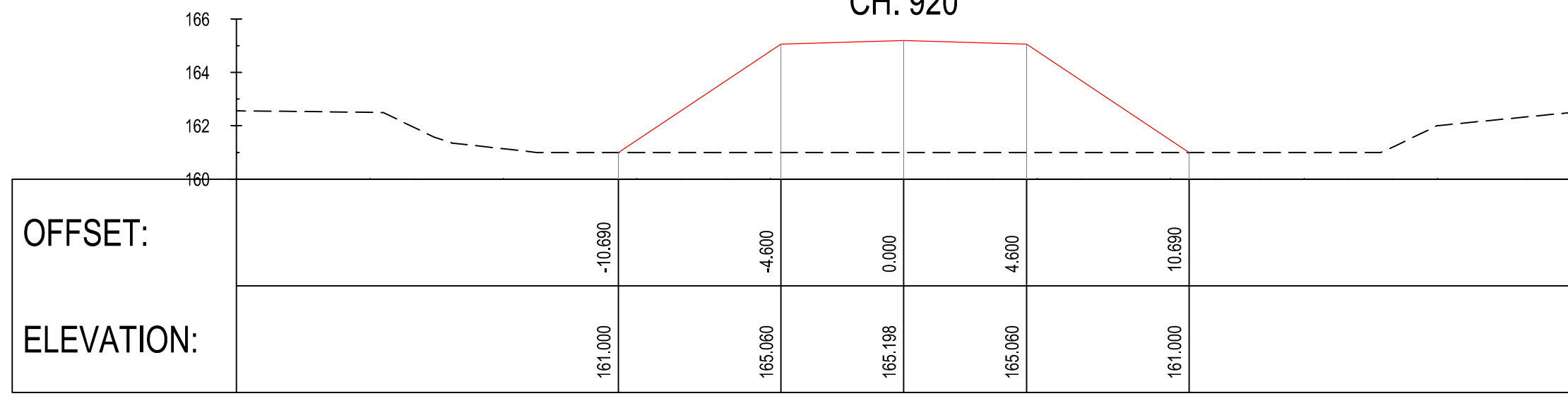
CH. 960



CH. 940



CH. 920



CH. 900

LEGEND :
— FORMATION
--- NGL

PERMIT TO PRACTICE
HATCH LTD.
Signature
Date
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NORTHERN

APPROVED FOR CONSTRUCTION

HATCH

Baffinland

BAFFINLAND IRON MINES LP
MARY RIVER PROJECT

TOTE ROAD
GRADE CROSSING (RAIL CH 92.649)
CROSS SECTIONS CH.760+000 TO CH. 1040+000

SCALE 1:200
DWG. No. H353004-30000-224-273-0046-0001
REV 1

H353004-30000-224-273-0026-0001	CROSS SECTIONS CH. 0+000 TO CH. 0+740
H353004-30000-224-294-0010-0001	TYPICAL HAUL ROAD CROSS SECTION
H353004-30000-224-294-0009-0001	TYPICAL LEVEL CROSSING LAYOUT
H353004-30000-224-271-0036-0001	GRADE CROSSING AT 92+640
DRAWING No.	DRAWING TITLE
REFERENCE DRAWINGS	

1 RAIL CHAINAGE UPDATED TO SUIT NEW TRACK ALIGNMENT.

0 APPROVED FOR CONSTRUCTION

BY CHKD DATE DESCRIPTION

REG. PROFESSIONAL REVISIONS

DRAFTSPERSON	A VAN NIEKERK	NR	2017/02/13
DESIGNER	A VAN NIEKERK	NR	2017/02/13
CHECKER	G JOHNSTONE		
DESIGN COORD.	G JOHNSTONE		
RESP. ENG.	R HALIM		
LEAD DISC. ENG.	F VAN BILJON		
AREA LEAD	F VAN BILJON		
ENG. MANAGER	F VAN BILJON		
AREA MANAGER	F PITTMAN		

ROLE NAME SIGNATURE DATE

DRAWING APPROVAL STATUS: Approved for Construction