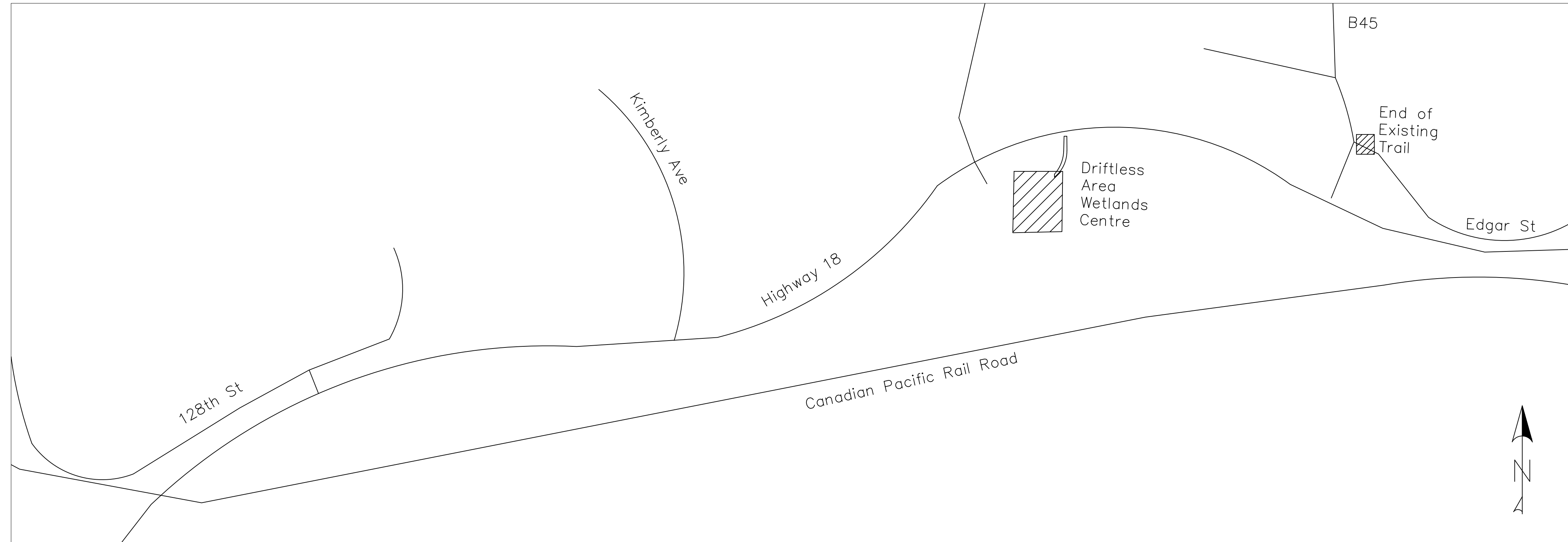


City of Marquette Iowa

Plans for Proposed Trail Construction

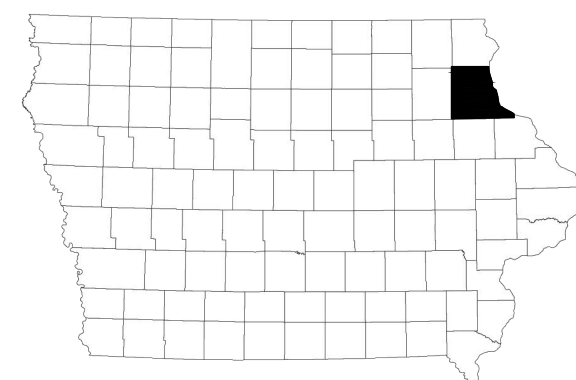


Site Location Map

DESIGN STANDARDS:

THE PROPOSED WORK INCLUDED IN THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS.

Sheet No	Index of Sheets
A.1	Title Sheet
B.1	Typical Cross Sections
C.1	Quantities
D.1-D.9	Plan and Profile
W.1-W.6	Cross Sections



PROJECT:	CEE: 4850
DATE :	4/7/2023
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REVISION:	

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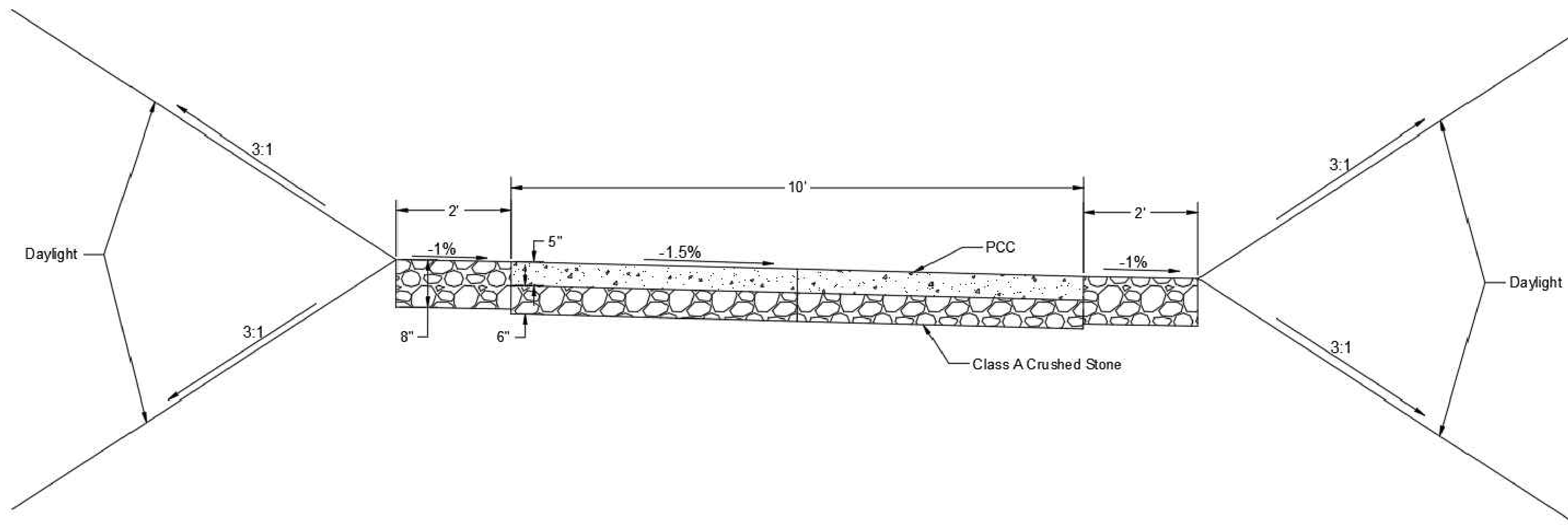
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SHEET NAME
Plan and Profile

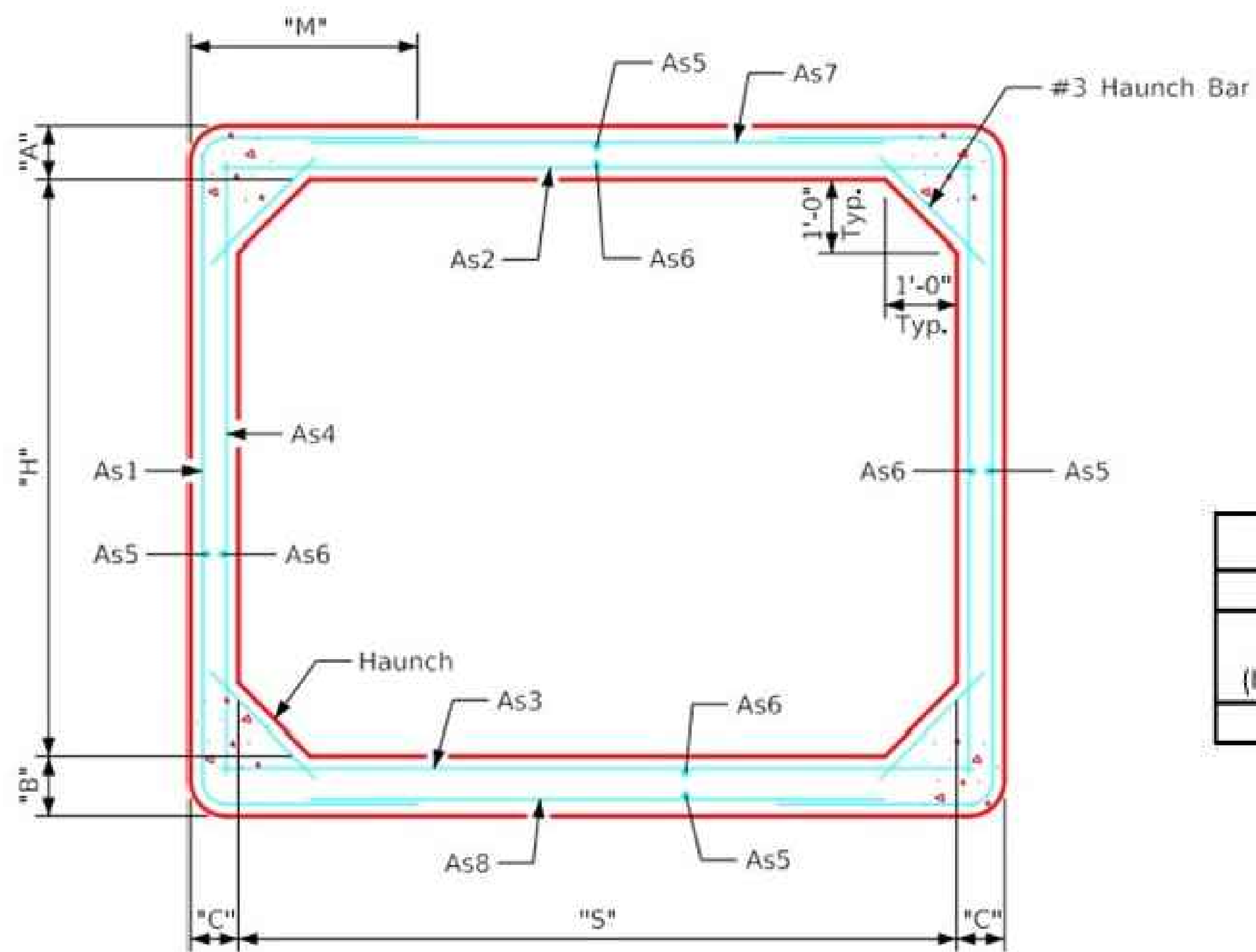
SHEET NO.
A.1

Typical Sections

Typical Trail Cross Section



Culvert Details



Dimensions							
Size	f' _c (KSI)	Fill (FT)	S (IN)	H (FT)	A (IN)	B (IN)	C (IN)
10'x10'	5	2-11	10	10	9	10	8

Reinforcement Requirements												
As1			As2		As3		As4		As5/As6		As7/As8	
Area (IN ² /FT)	Length	M	Area (IN ² /FT)	Length	Area (IN ² /FT)	Length	Area (IN ² /FT)	Length	Area (IN ² /FT)	Length	Area (IN ² /FT)	Length
0.54	16'-7"	2'-10"	1.04	10'-6"	1.13	10'-6"	0.2	10'-6"	0.12	10'	0.24	9'-4"

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SHEET NAME
 Typical Sections

SHEET NO.
B.1

Quantities

Material	Amount
Cut/Fill (CY)	4649
5" PCC (SY)	4650
6" Class A Crushed Stone (Tons)	2050
Pavement Paint (FT)	385
Split Rail Wooden Fence (FT)	262
5" Corrugated Metal Culvert (LF)	28
Precast Concrete Box Culvert (LF)	60
Culvert Straight End Section, 10FT X 10FT	2
Excavation (CY)	250
Steel Guardrail (LF)	200

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Quantities

SHEET NO.

C.1

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CEE: 4850

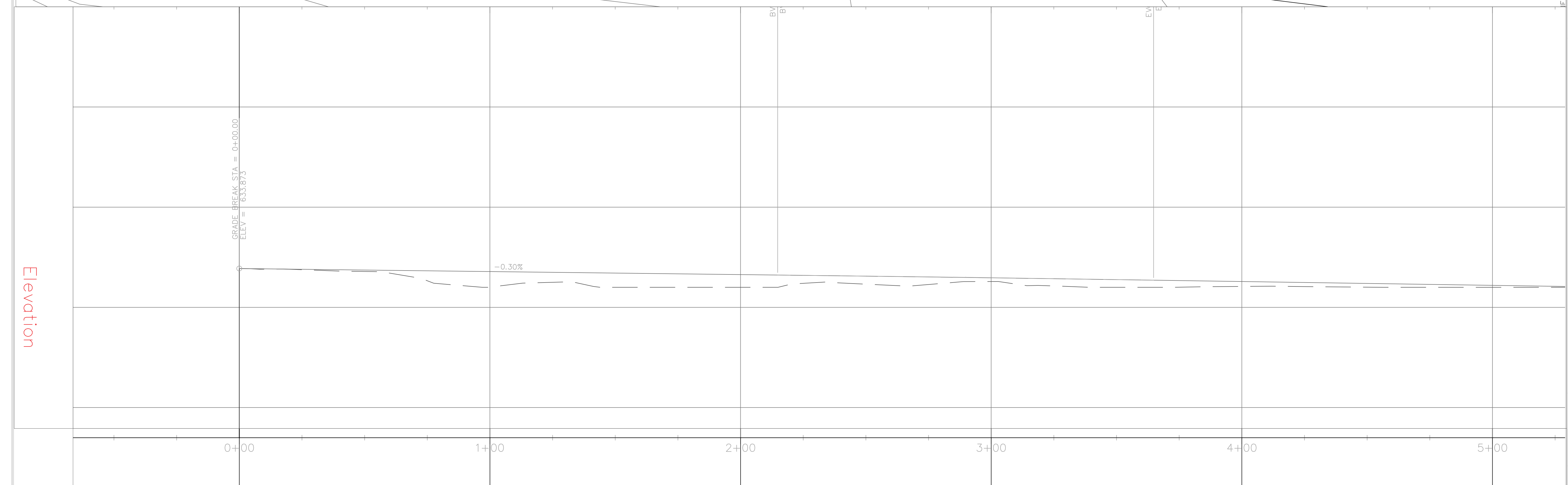
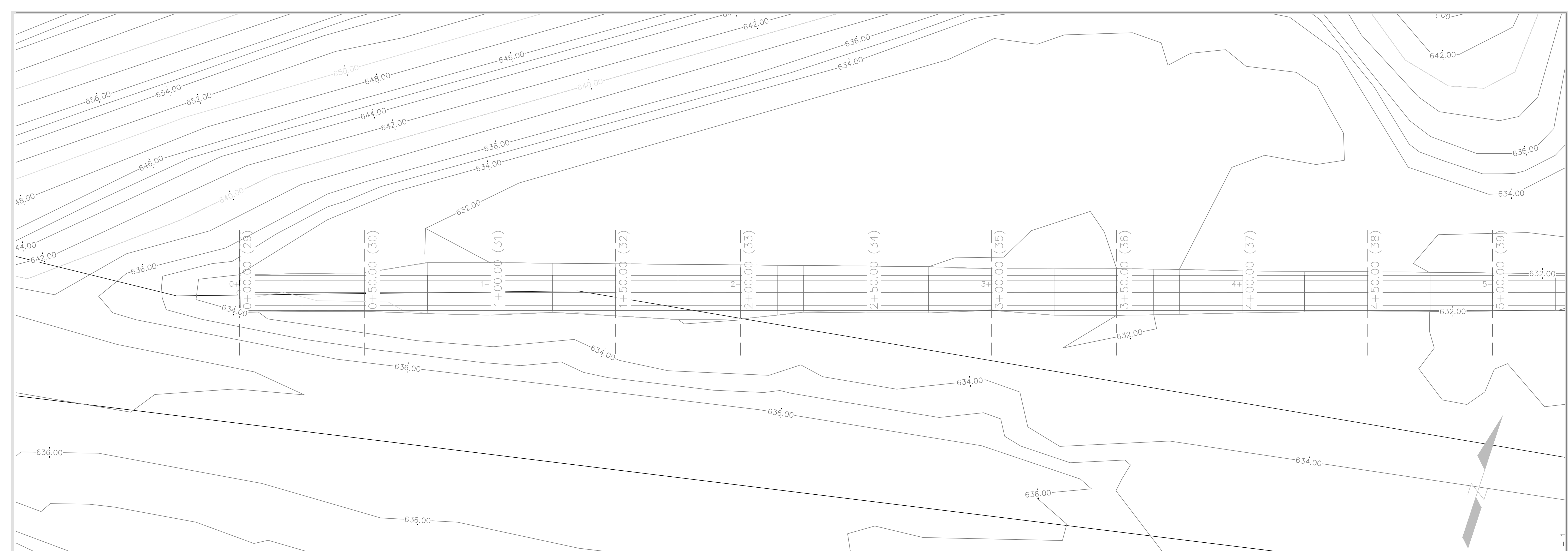
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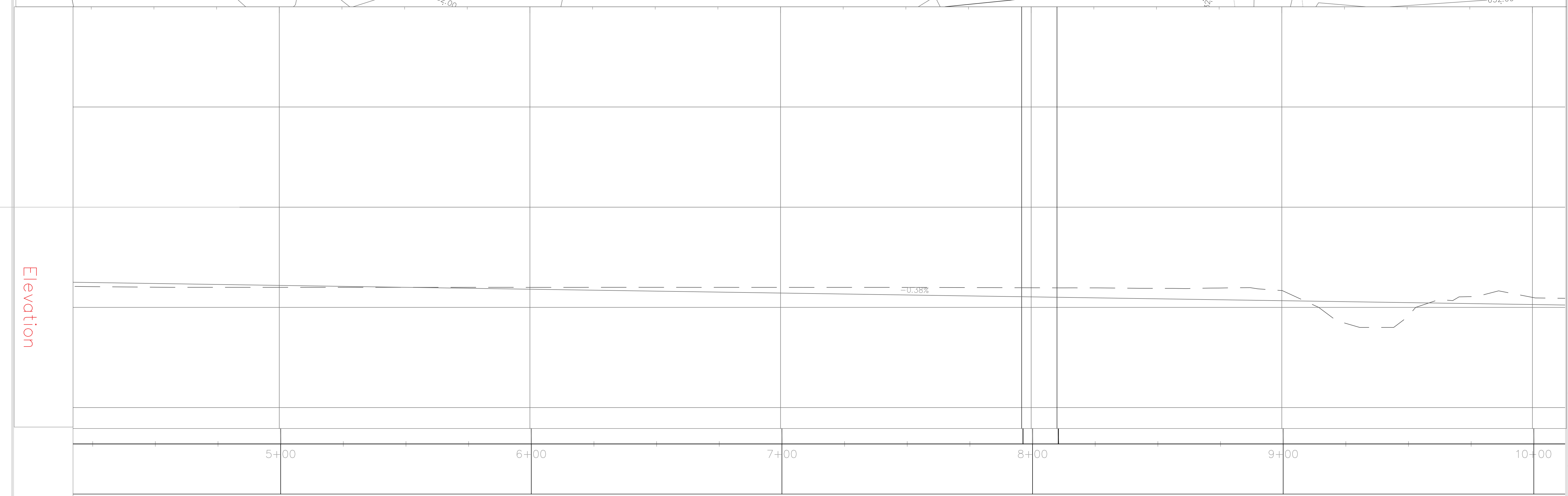
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 Plan and Profile

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D.1



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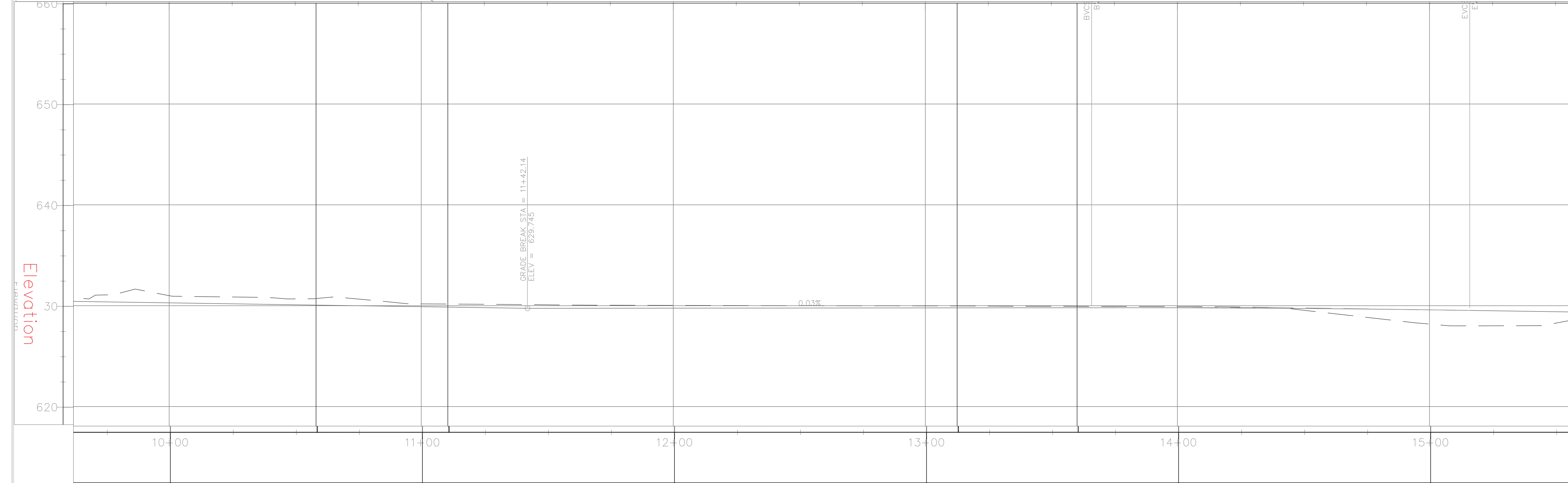
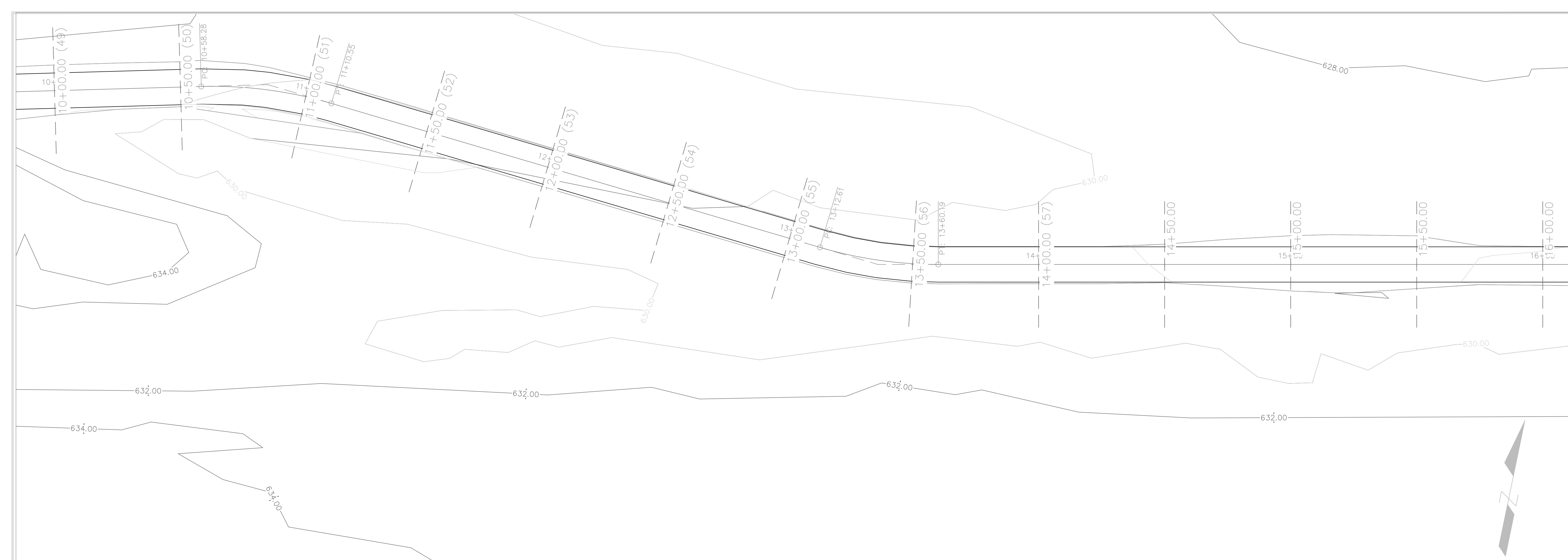
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D.2



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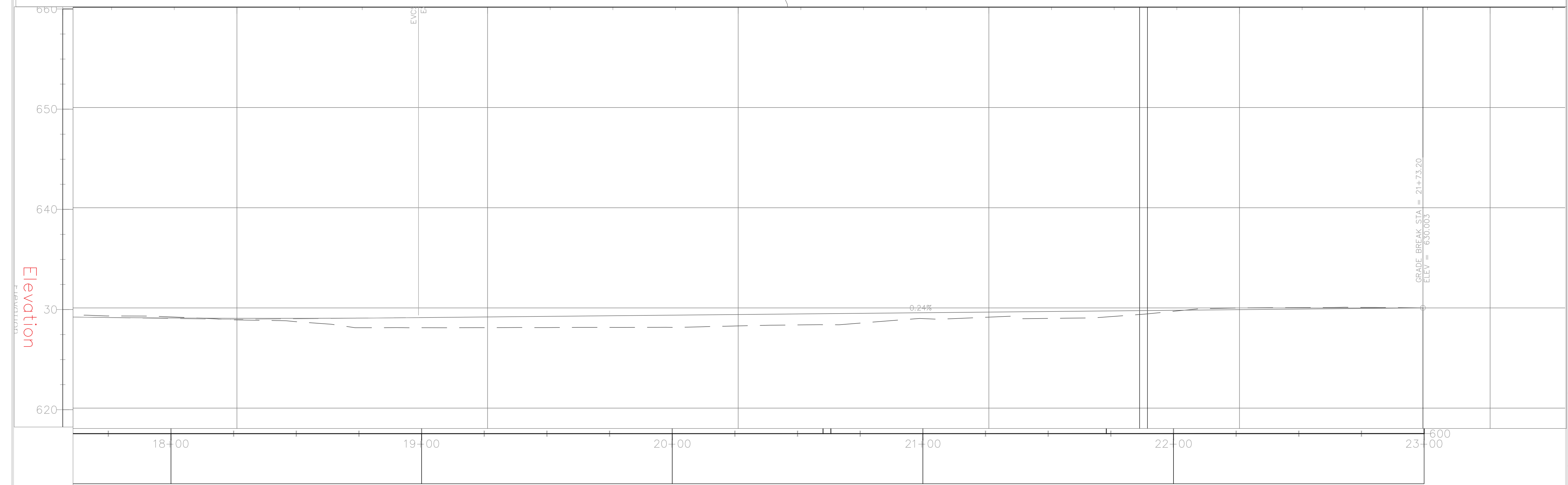
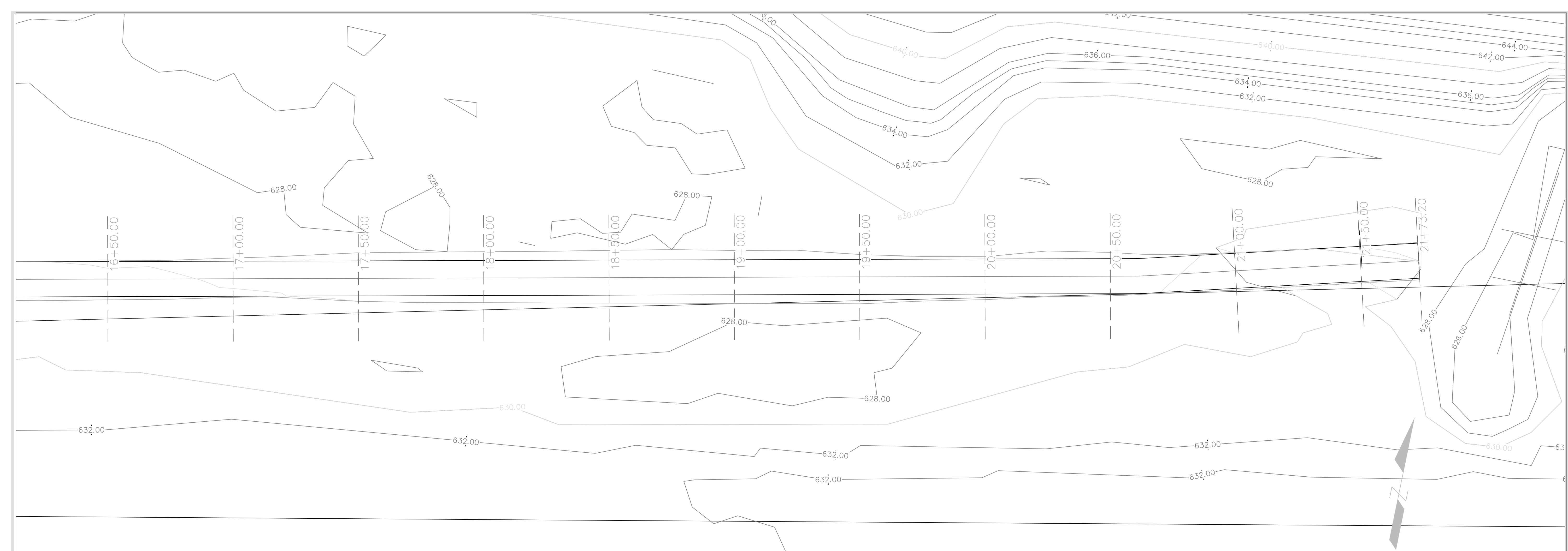
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SHEET NAME
Plan and Profile

SHEET NO.
D.3

Station

Elevation



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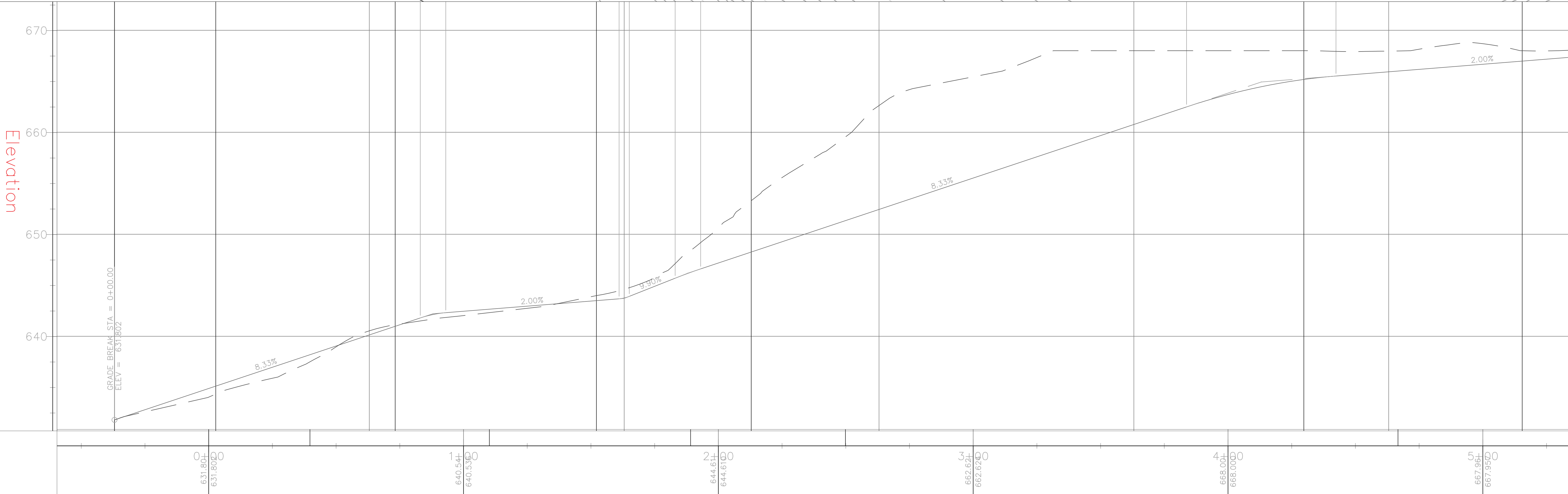
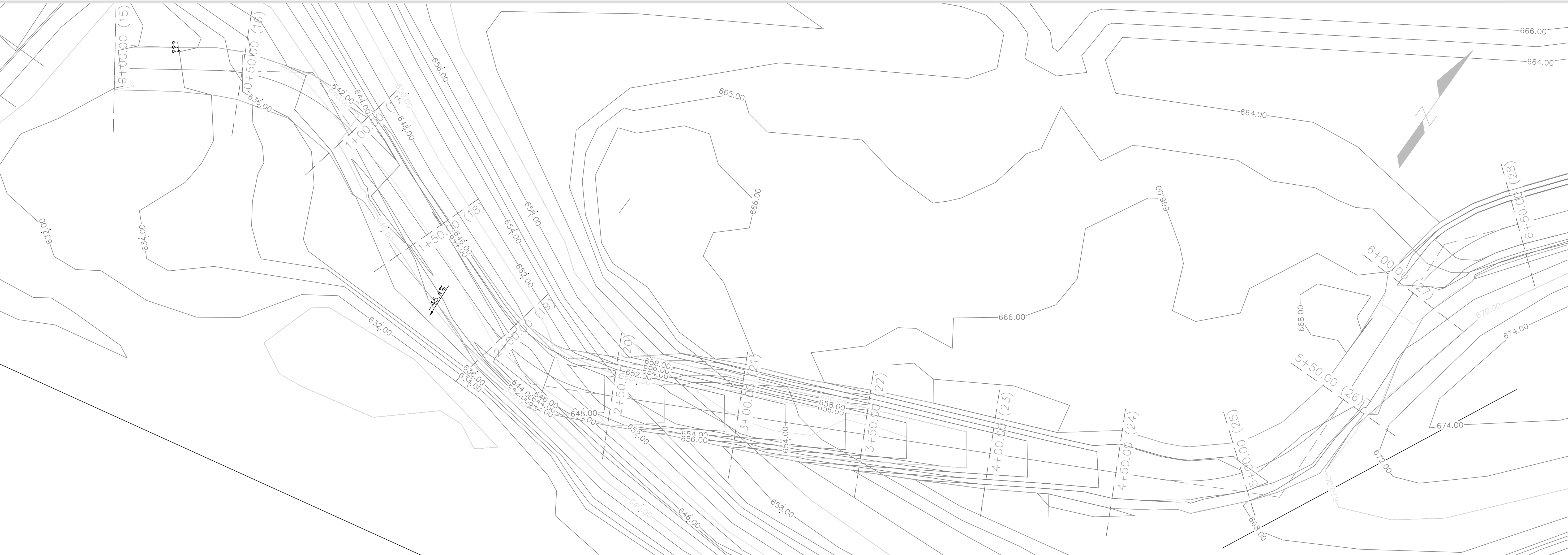
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SHEET NAME
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D.4

Station

Elevation



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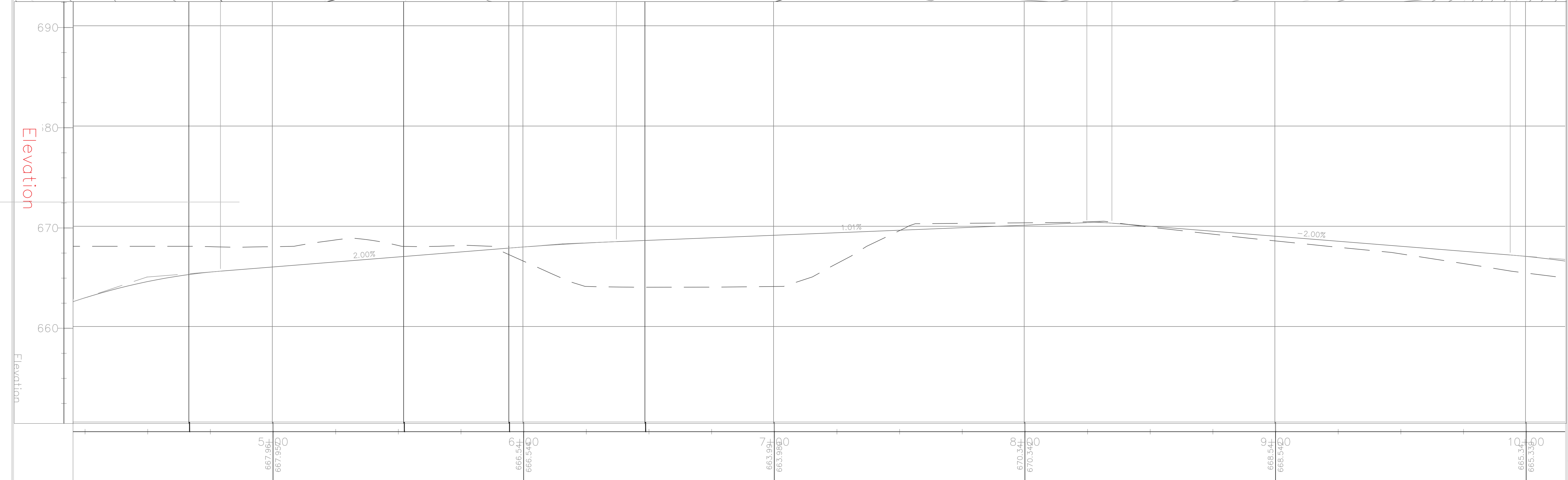
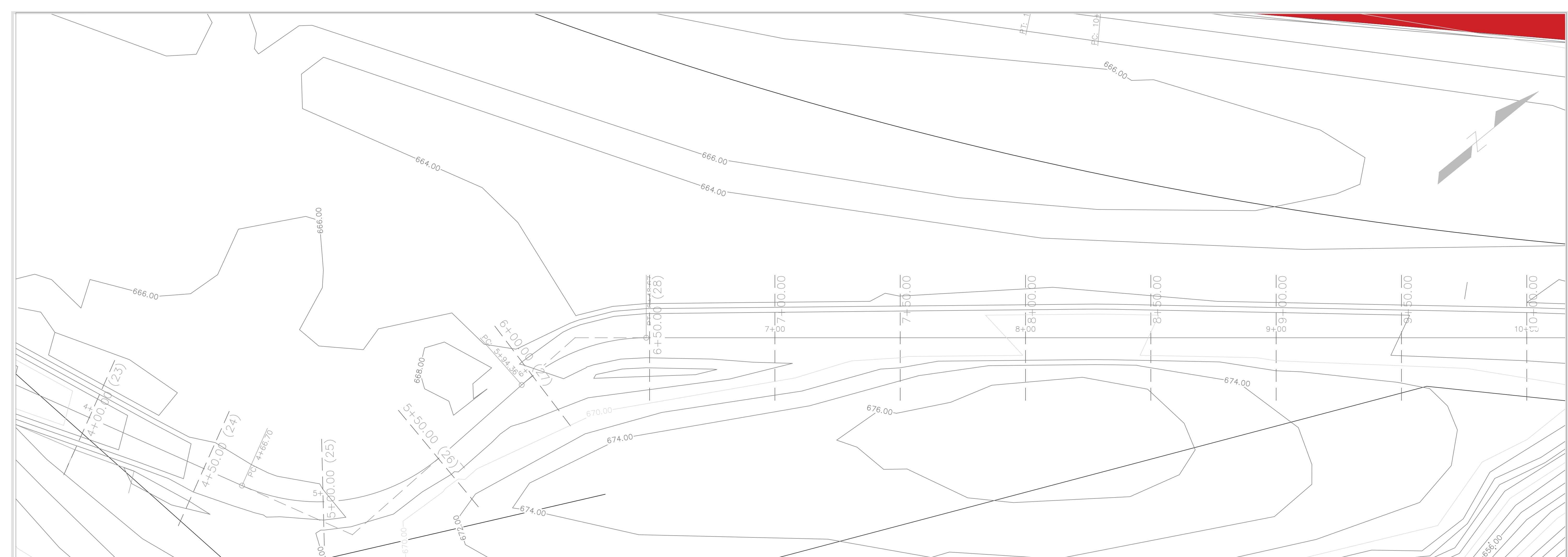
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SHEET NAME
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SHEET NO.
D.5



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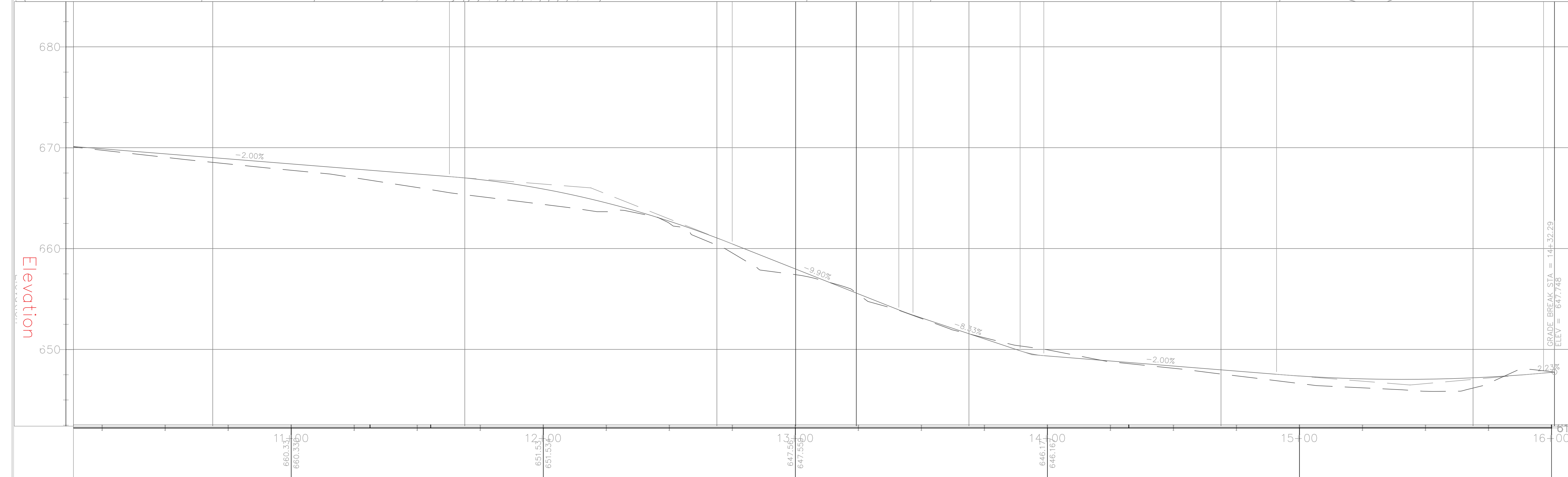
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SHEET NAME
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SHEET NO.
D.6



11+00
660.33
660.33

12+00
651.53
651.53

13+00
647.56
647.56

14+00
646.17
646.17

15+00

16+00
646.17
646.17

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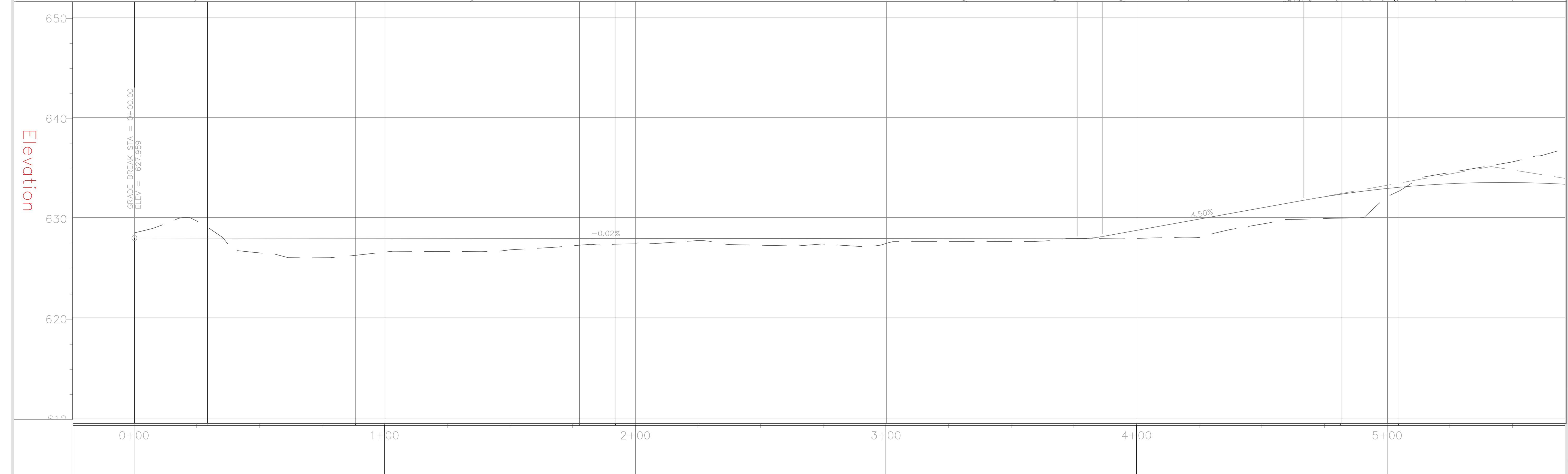
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SHEET NAME
Plan and Profile

SHEET NO.
D.7

Station

Elevation



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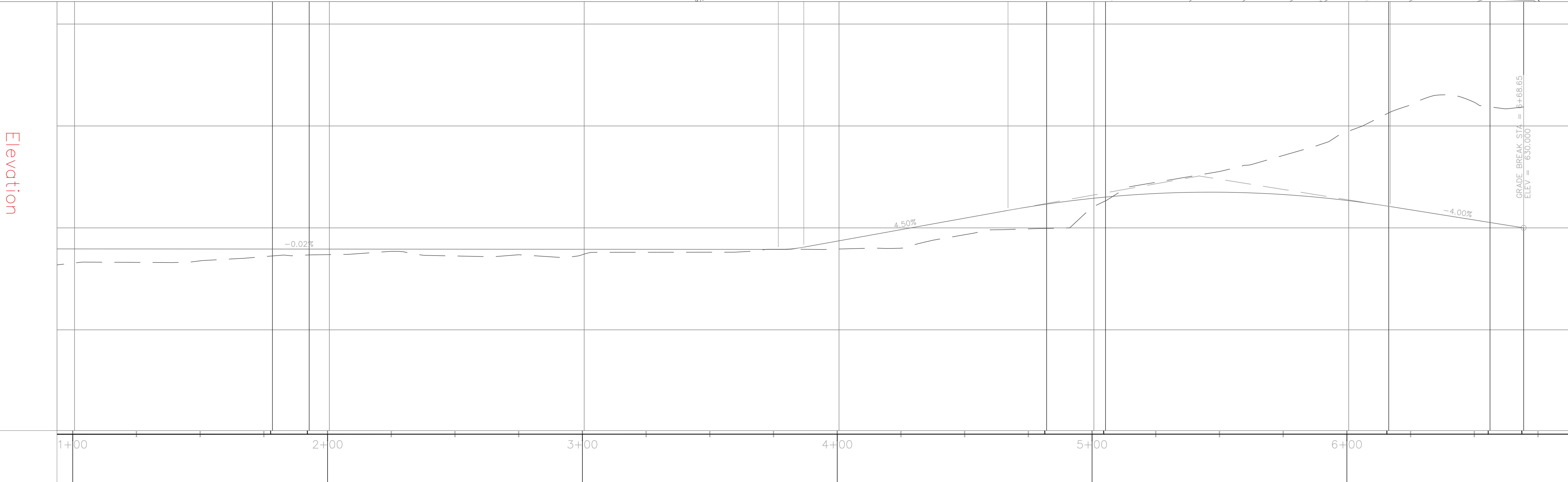
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D.8



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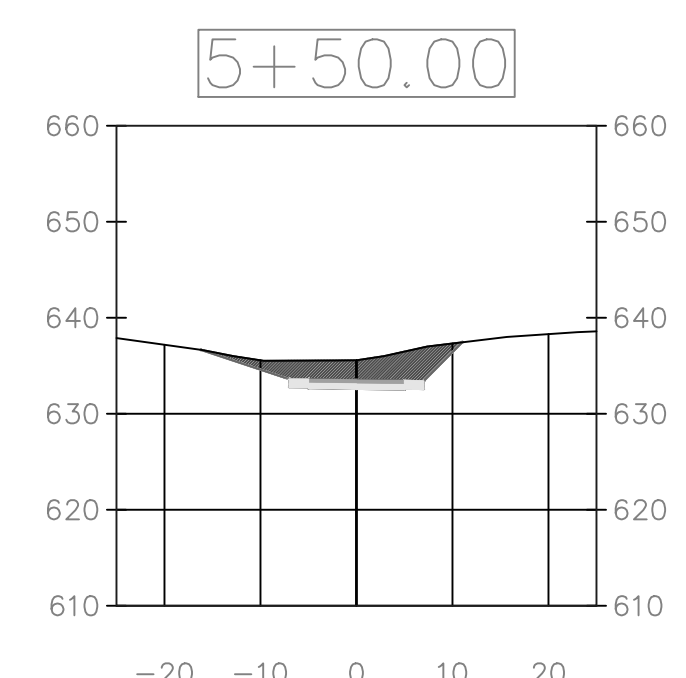
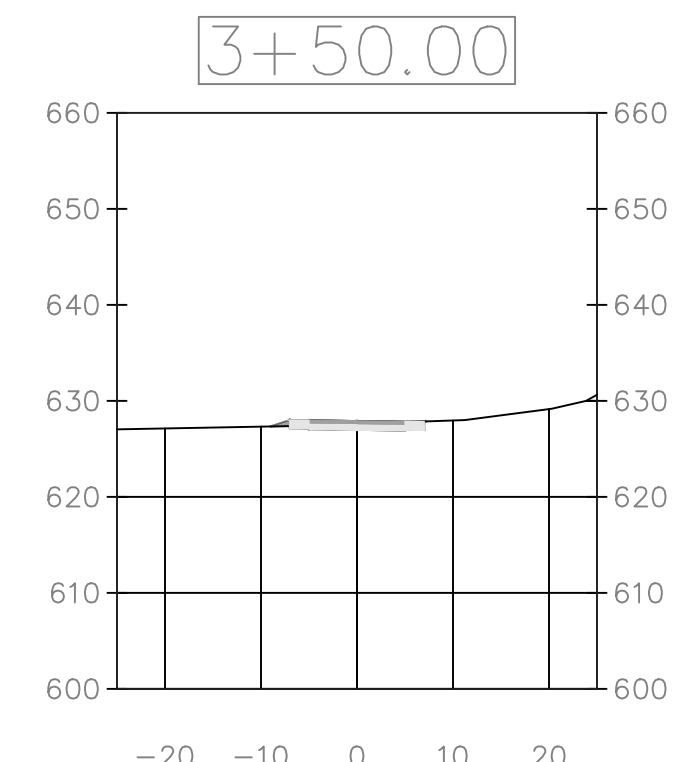
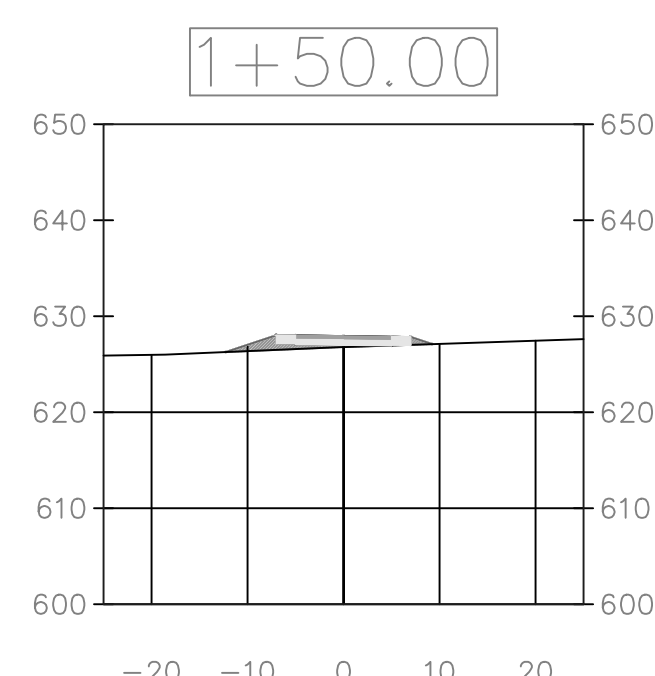
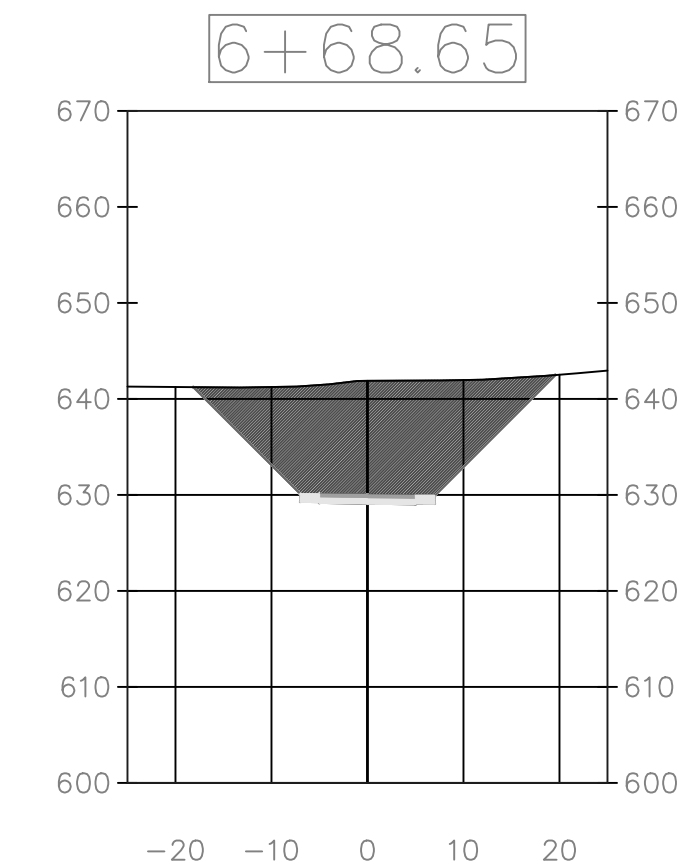
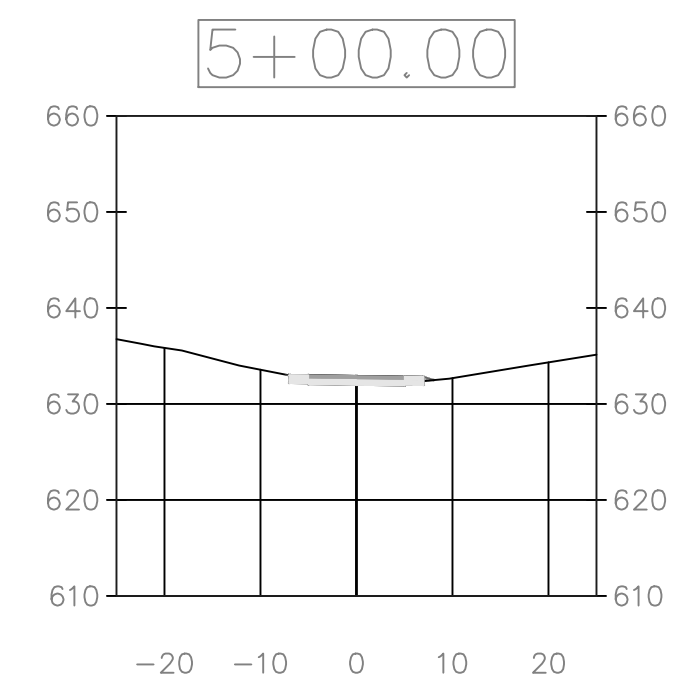
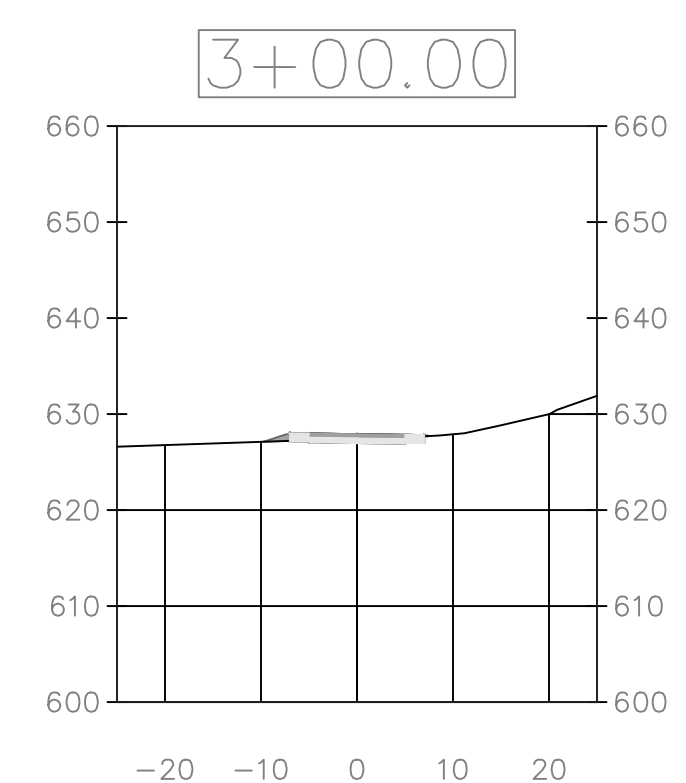
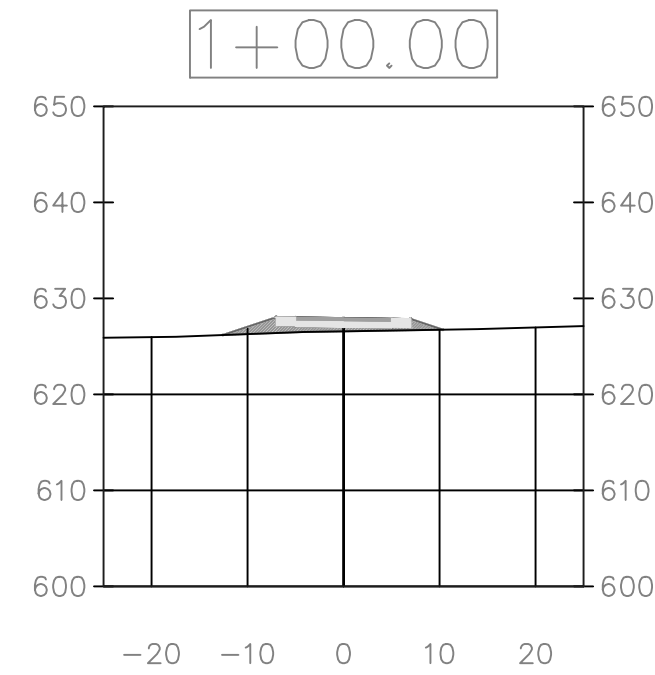
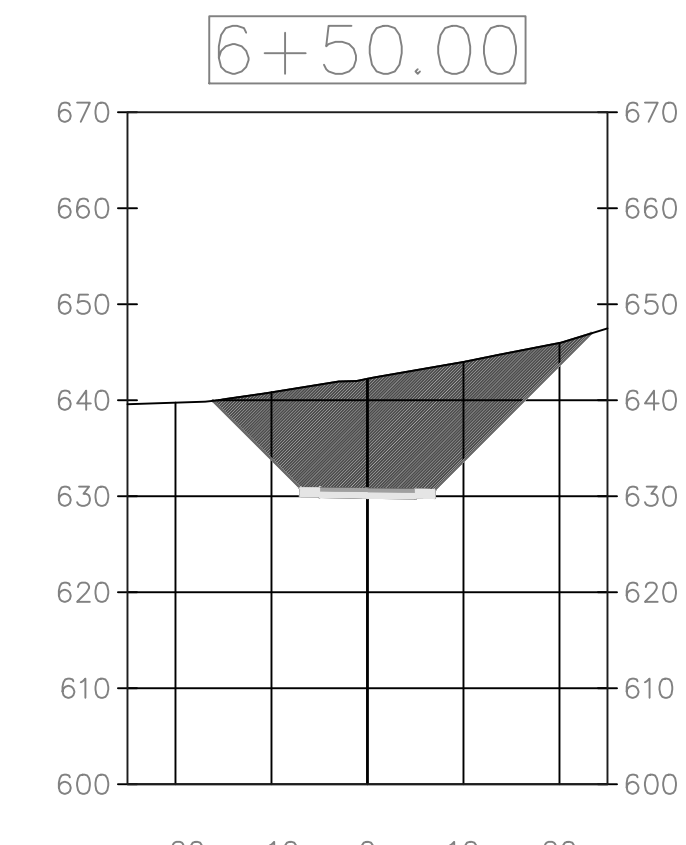
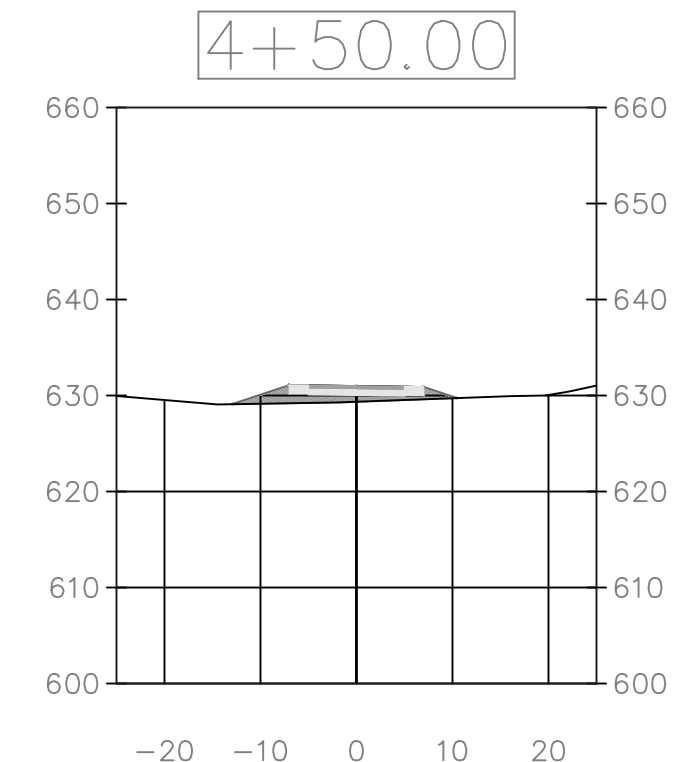
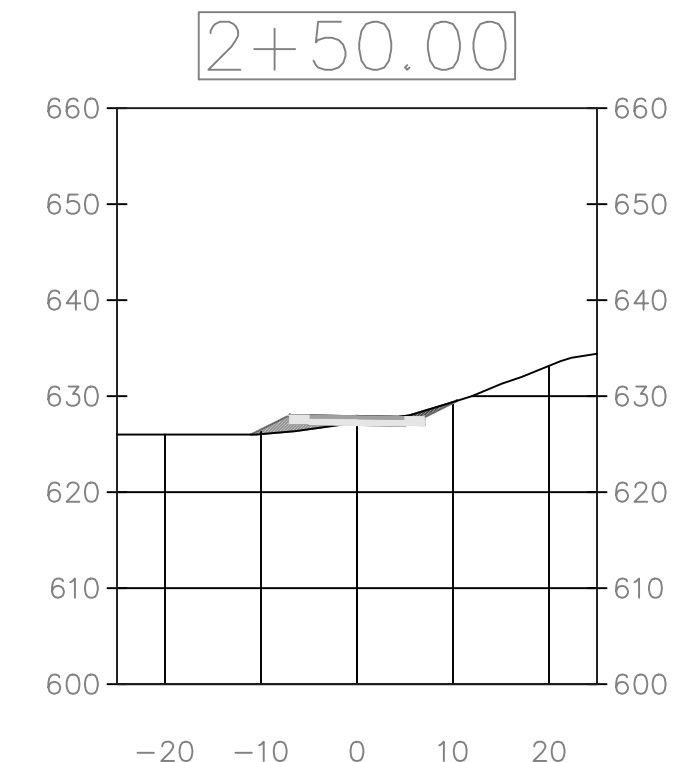
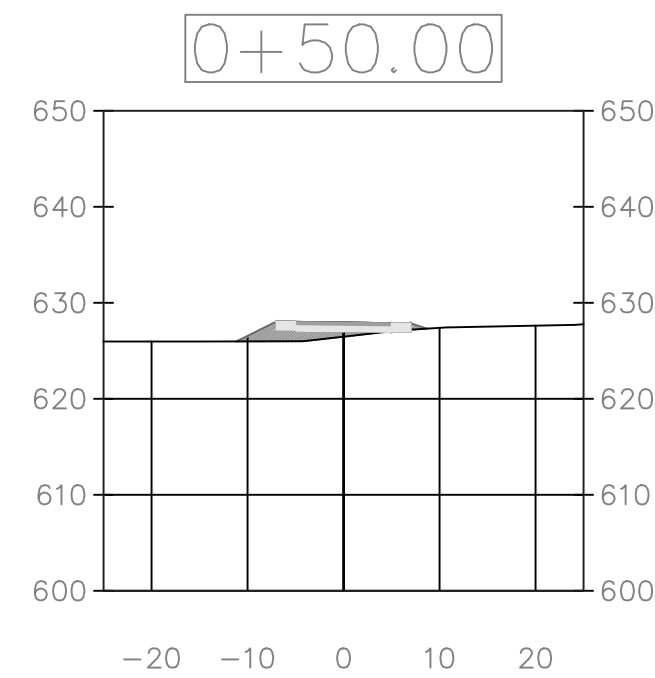
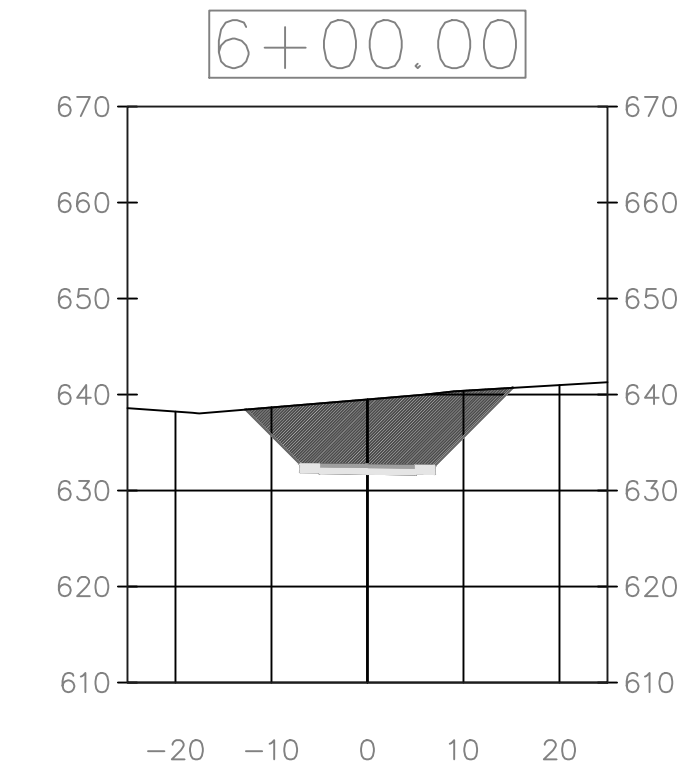
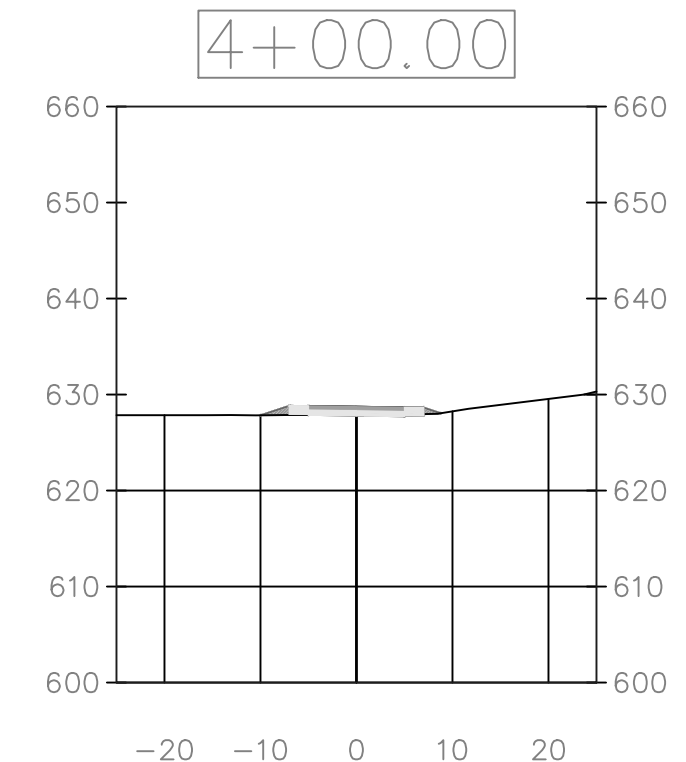
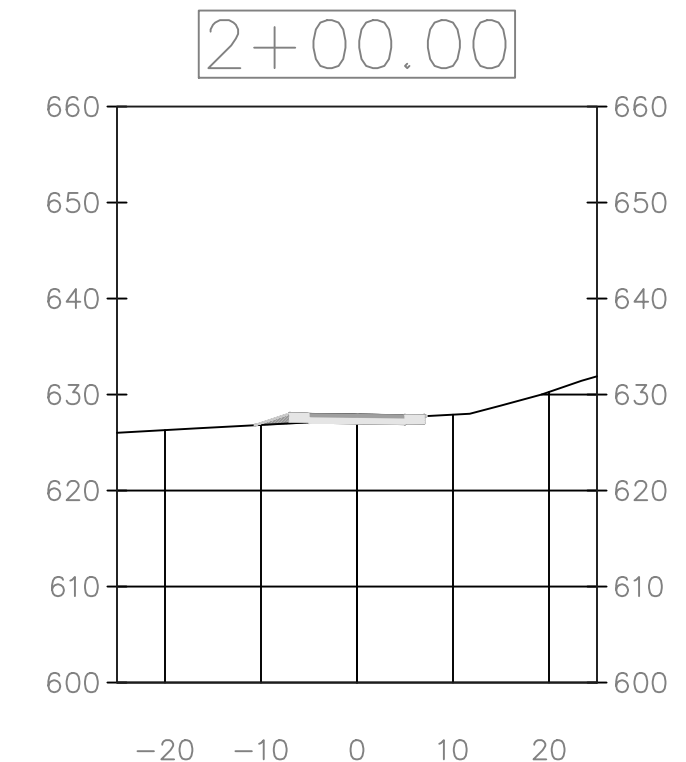
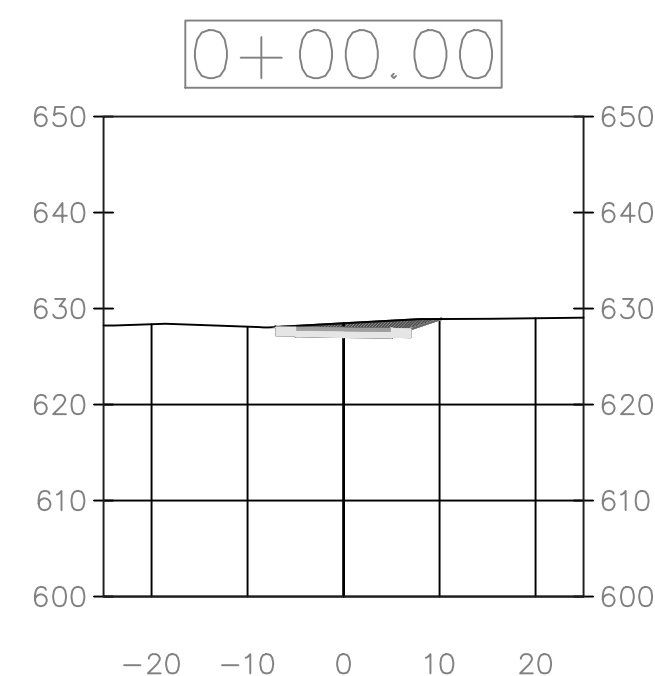
Marquette City Underpass

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SHEET NAME
 Plan and Profile

SHEET NO.
D.9

Station



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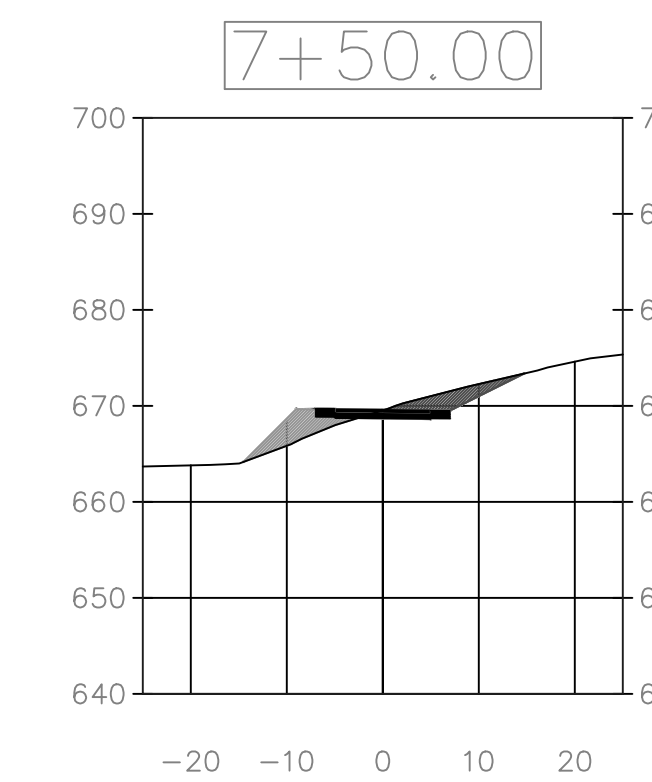
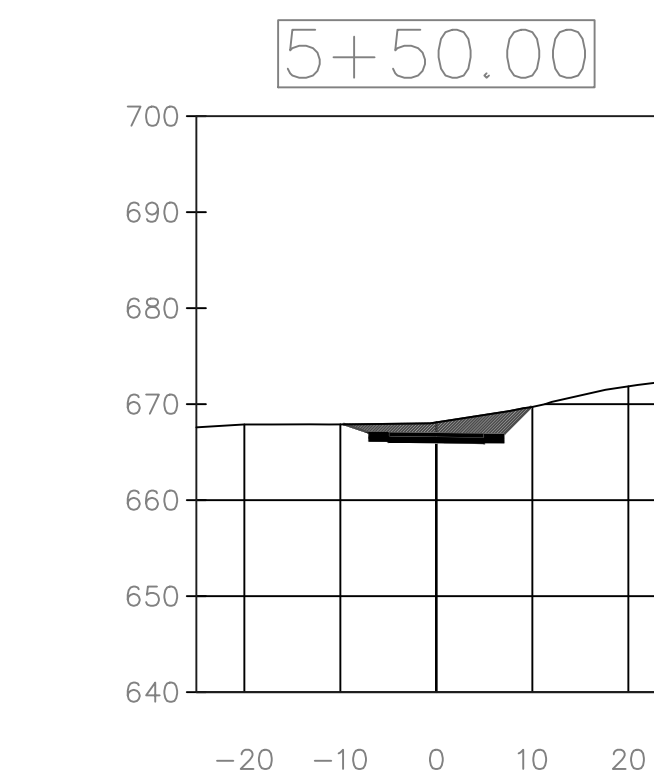
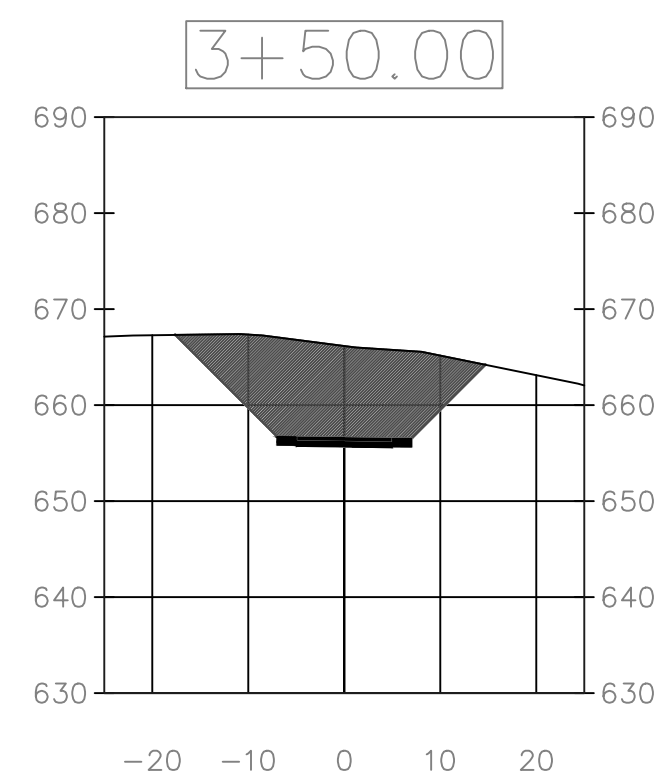
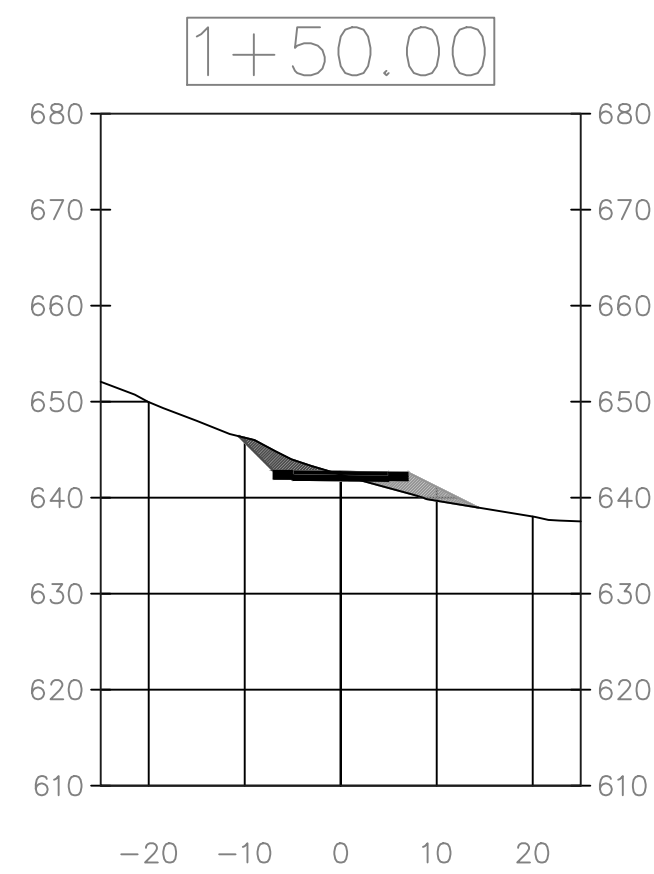
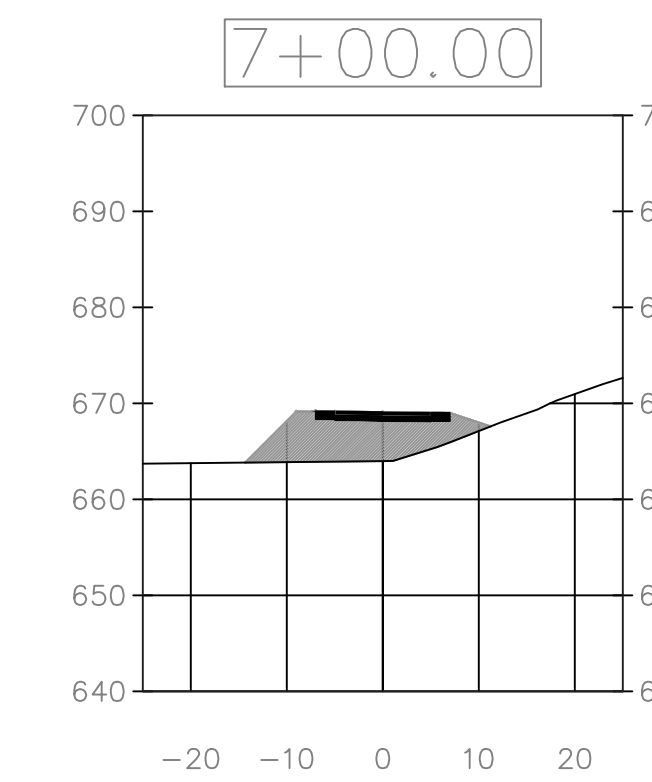
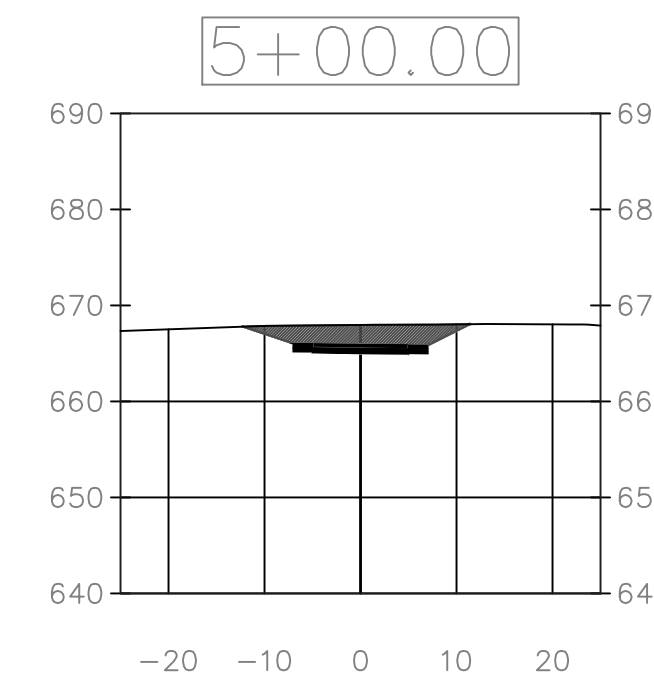
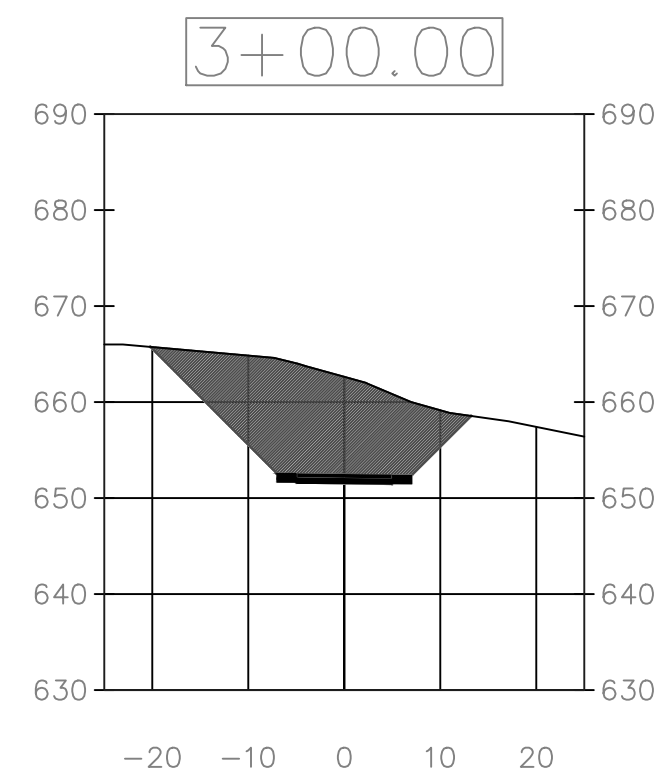
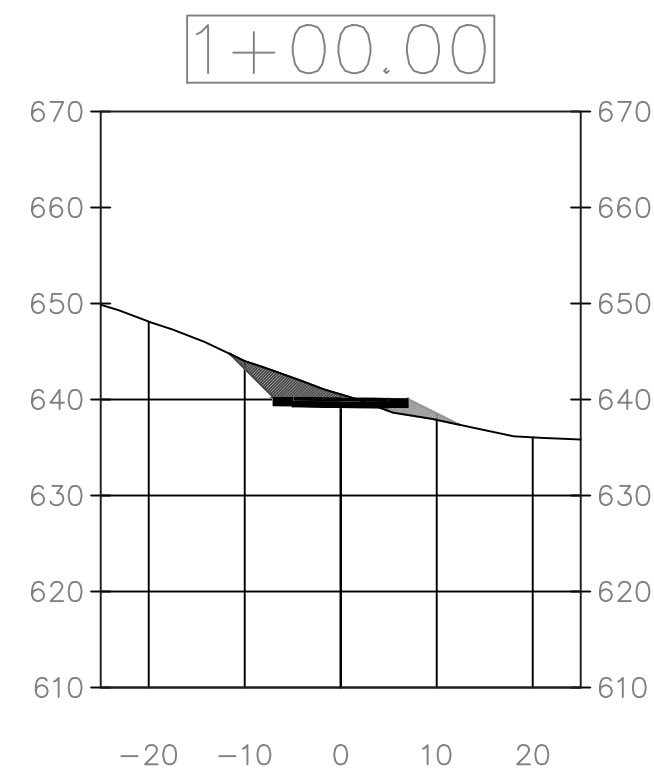
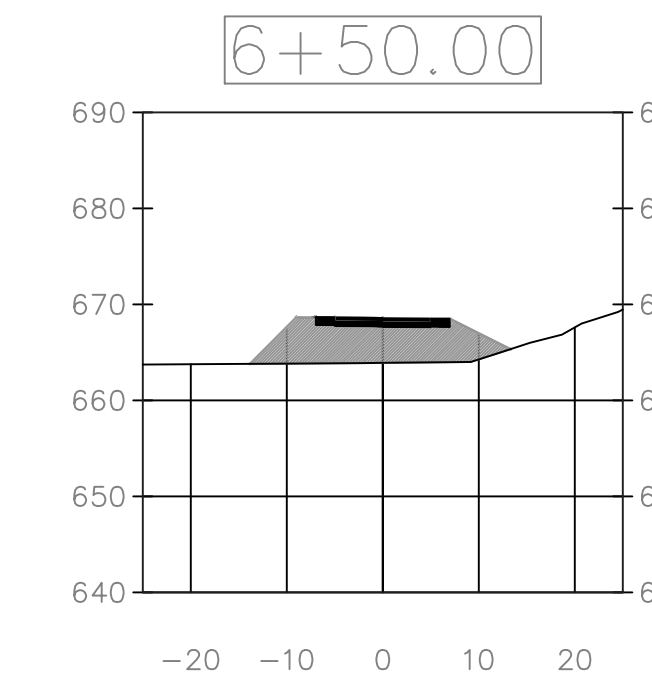
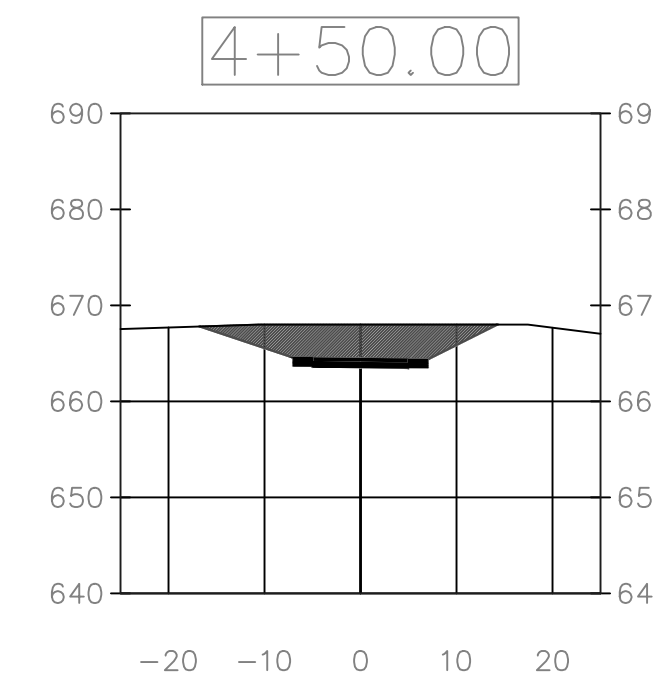
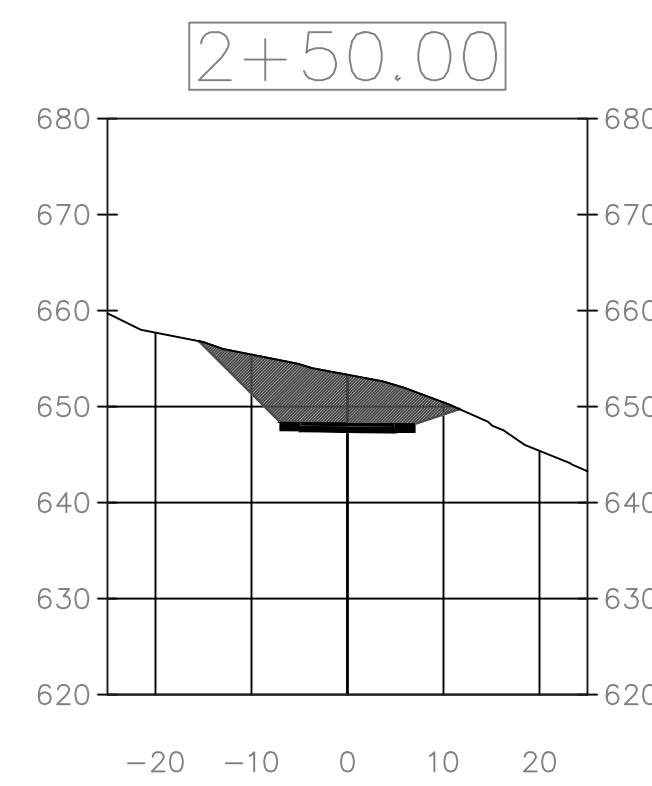
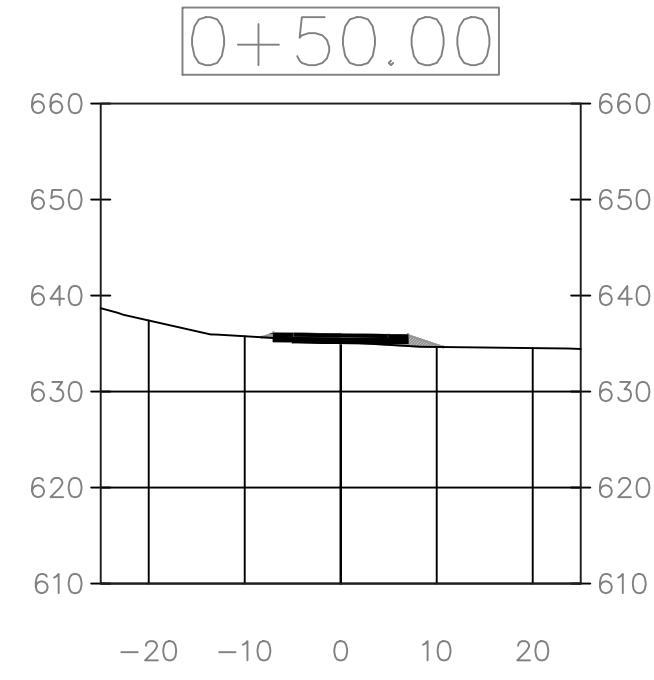
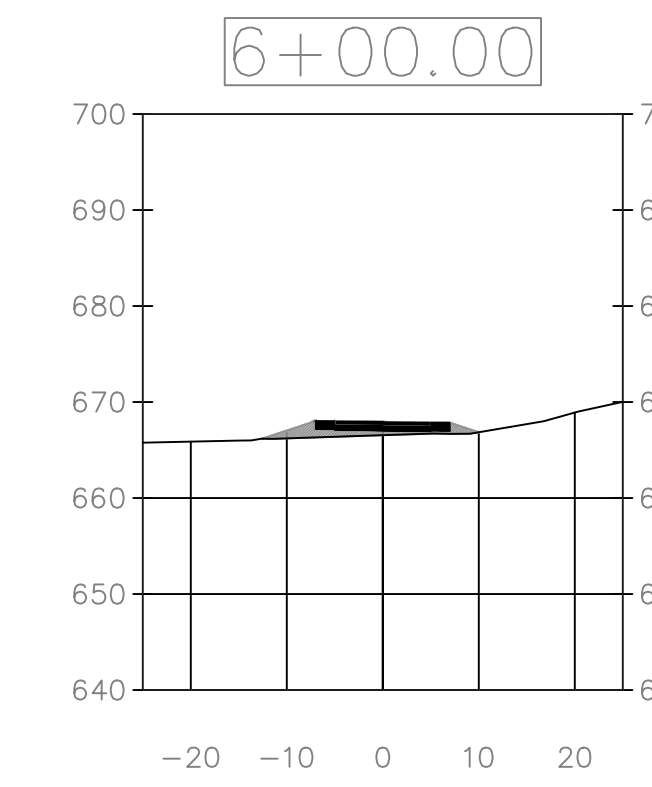
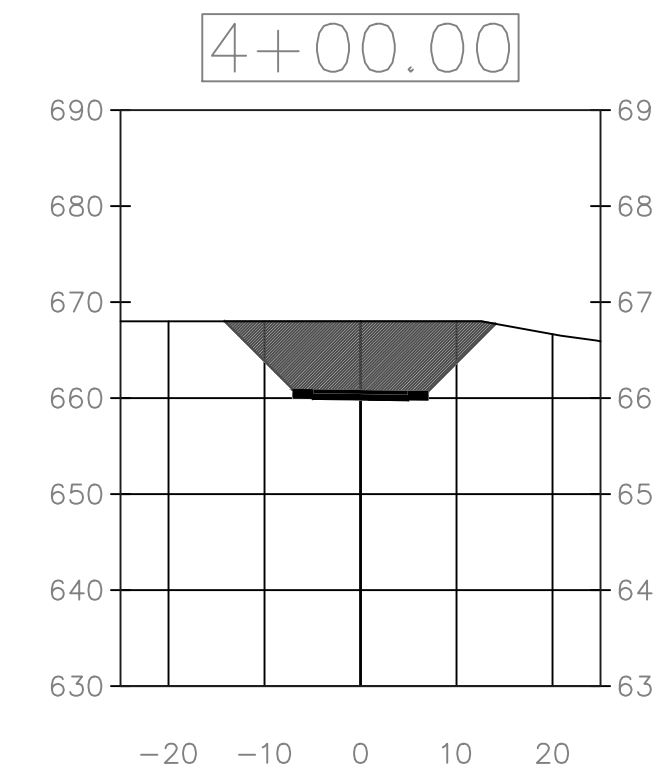
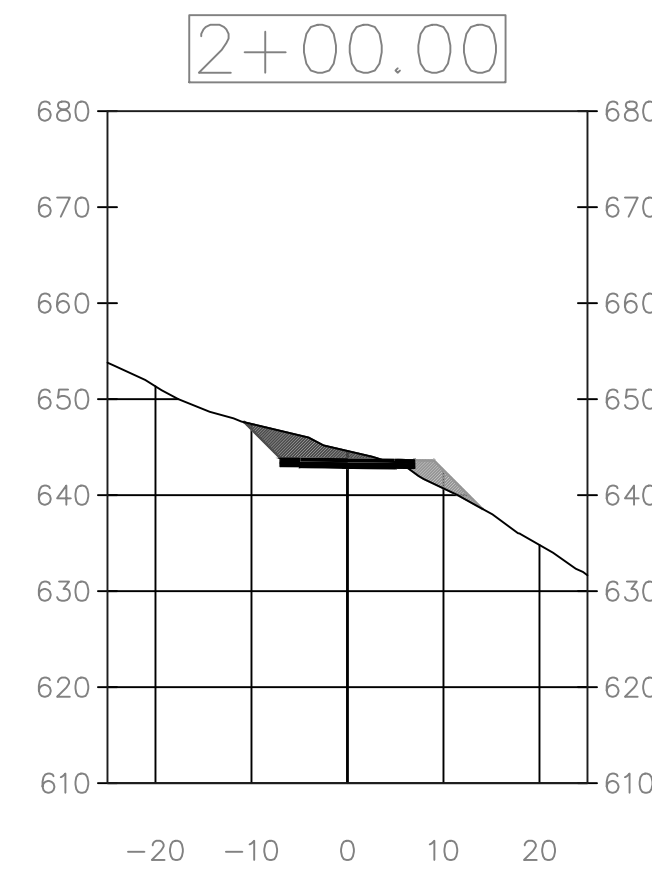
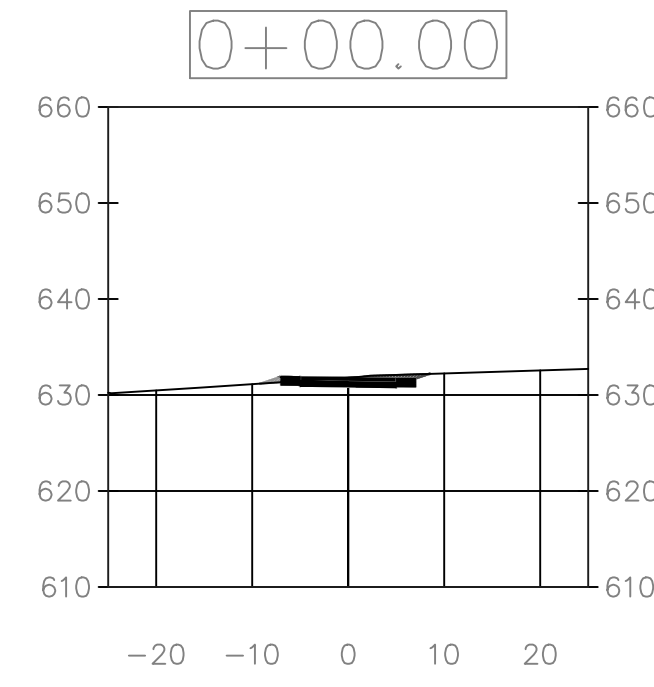
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SHEET NAME
 NE Cross Sections

SHEET NO.
W.1



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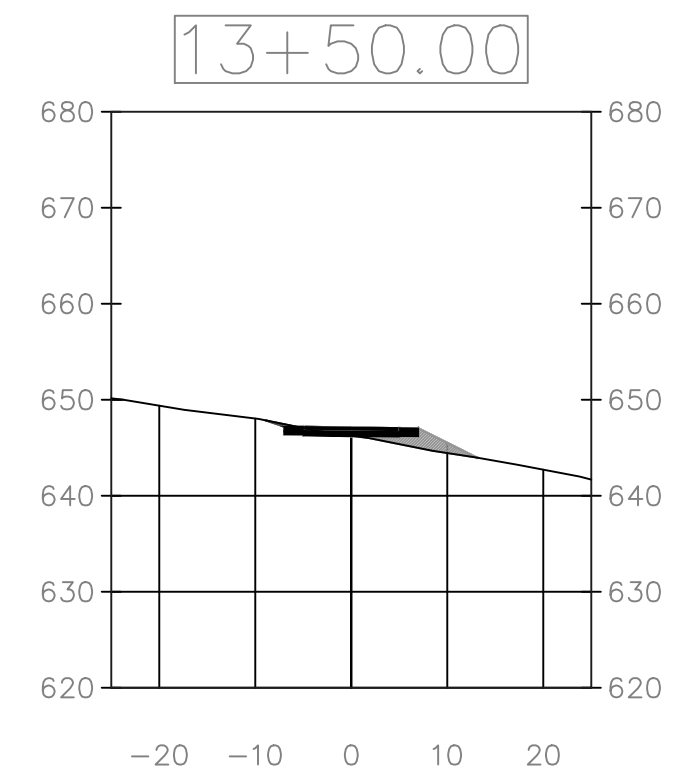
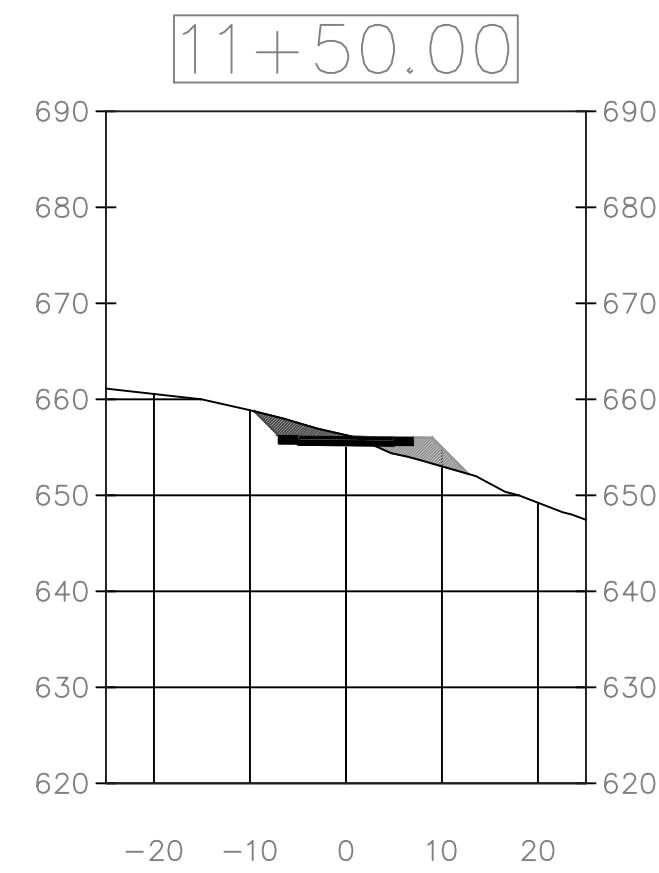
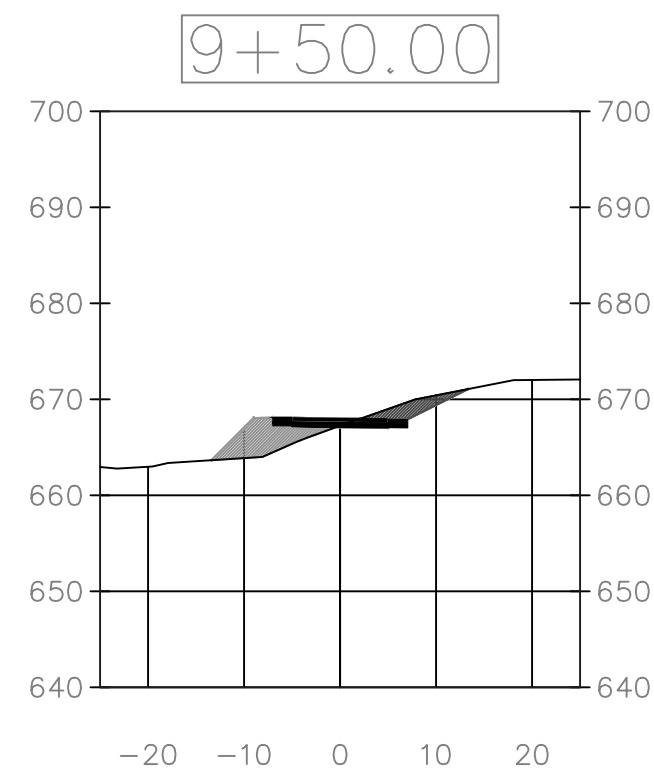
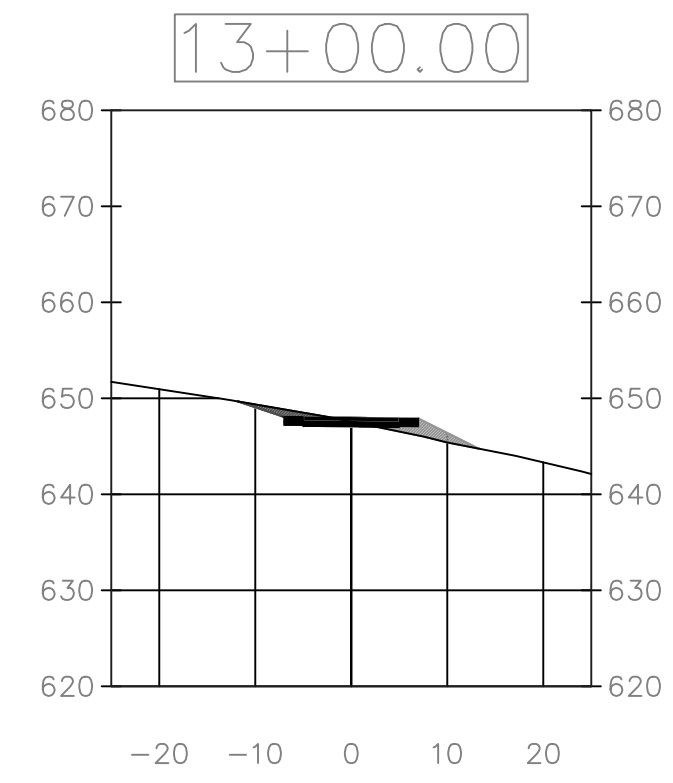
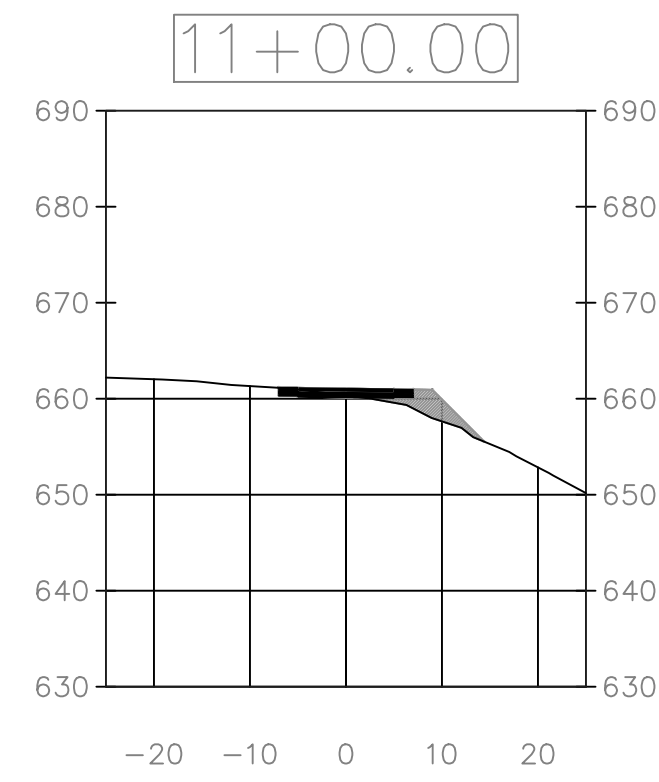
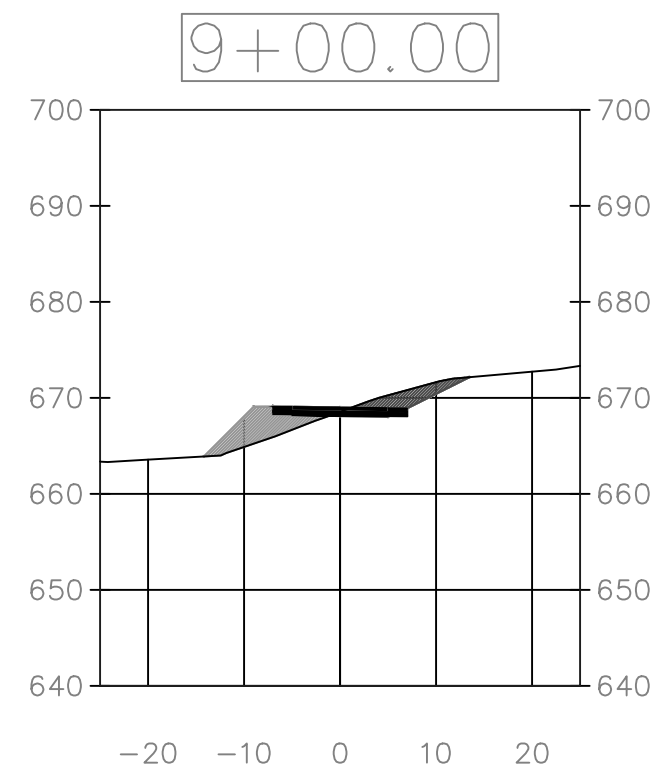
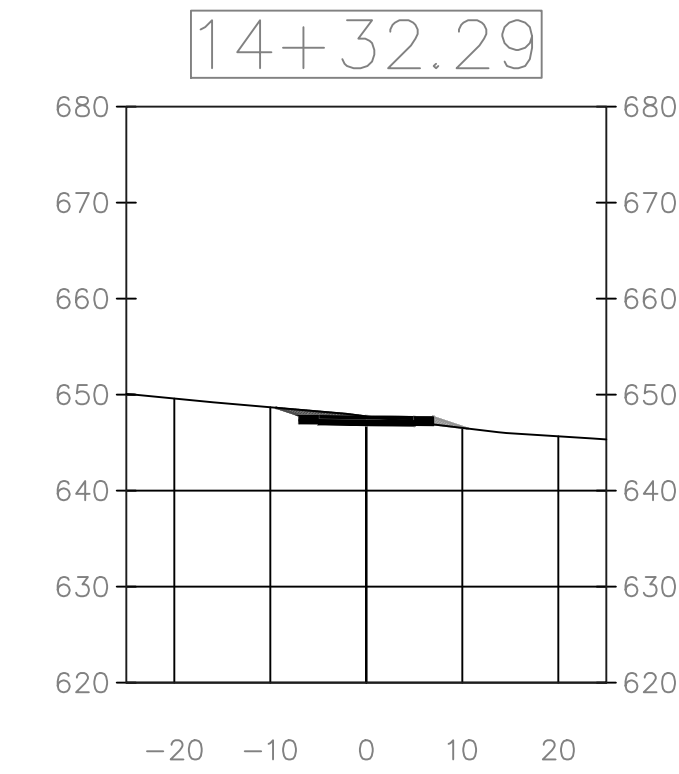
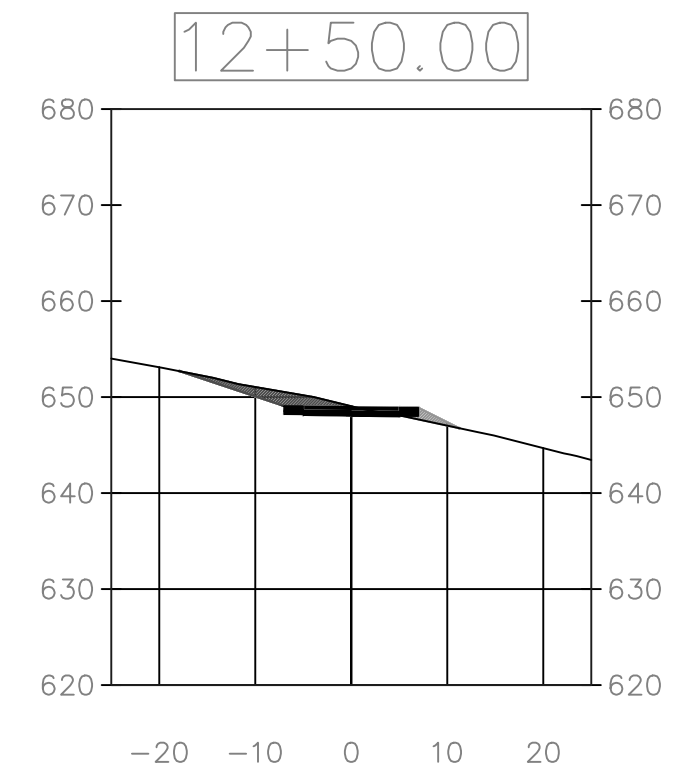
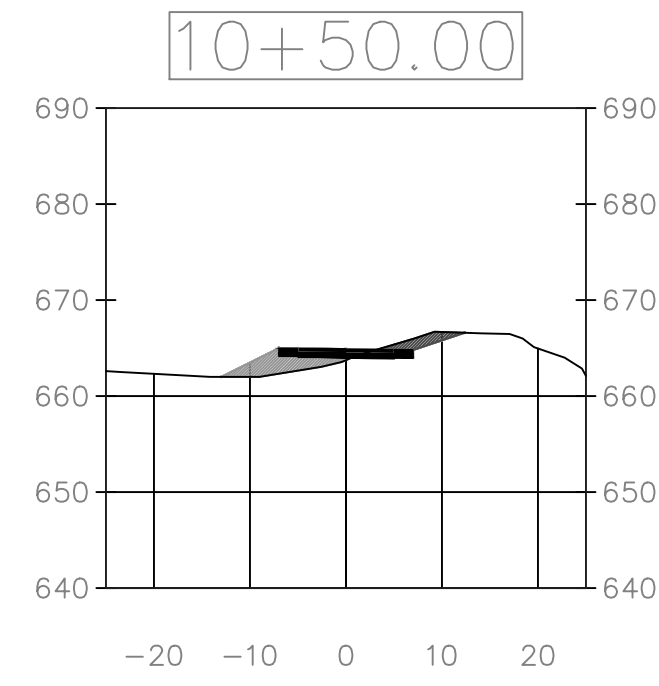
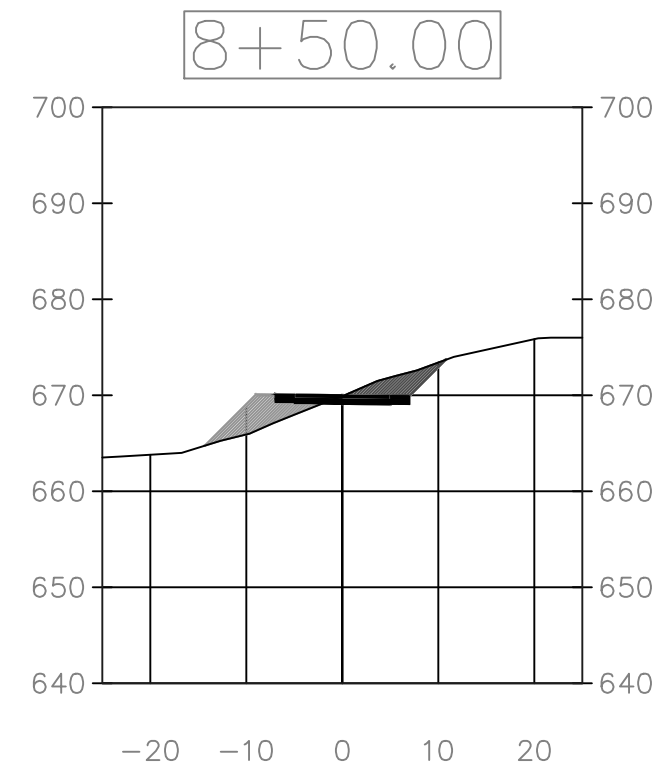
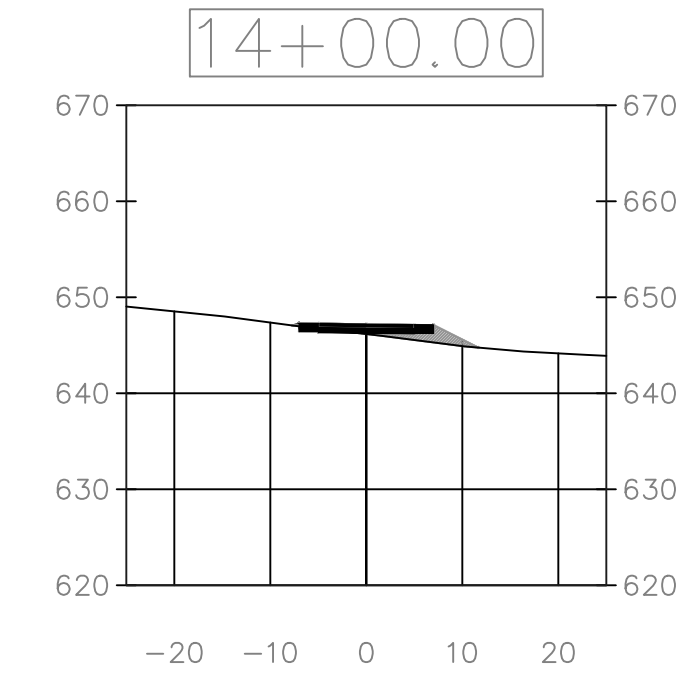
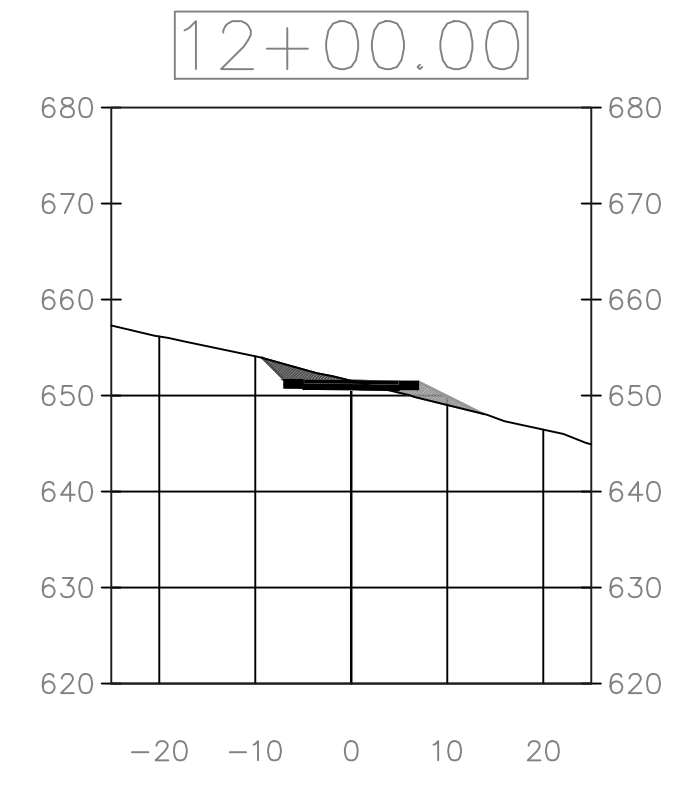
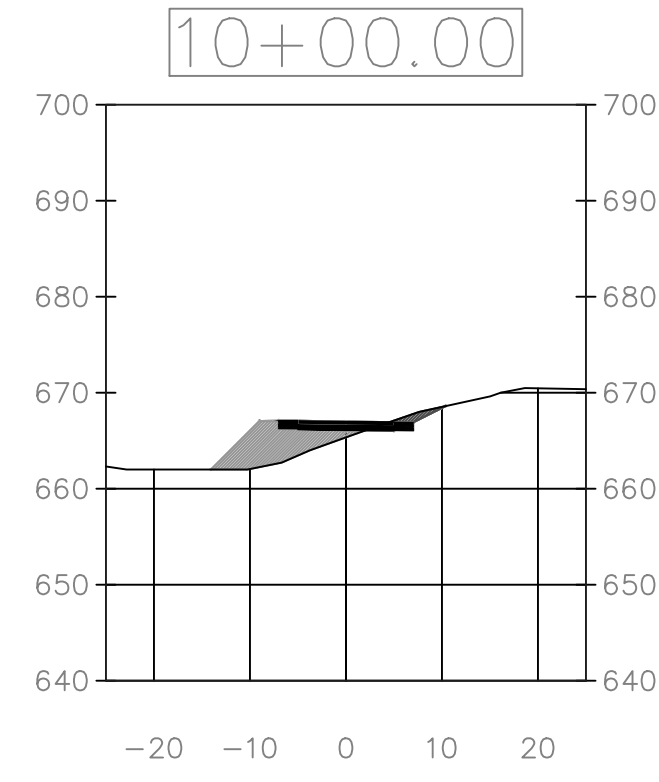
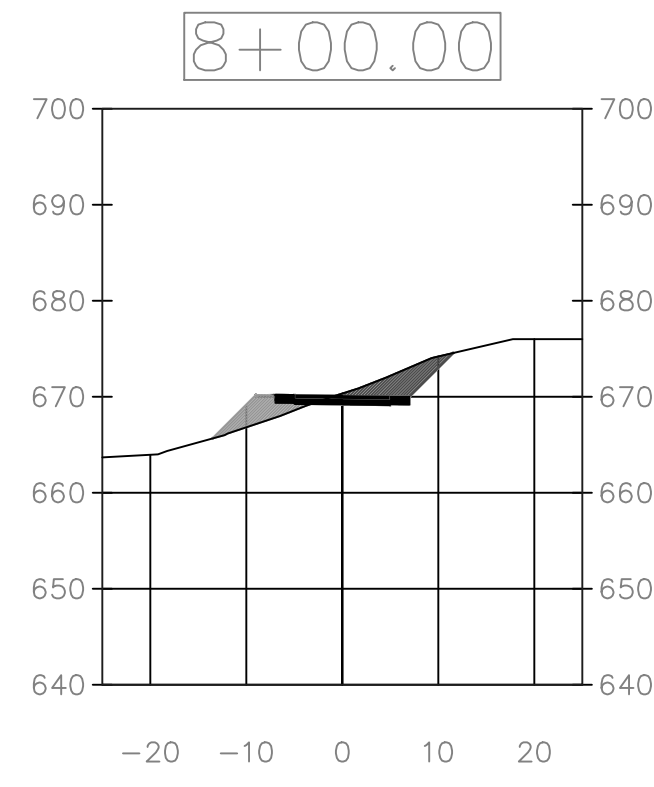
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 509 US-18, Marquette, IA 52158

SHEET NAME
 SC Cross Sections

SHEET NO.
W.2



PROJECT: CEE: 4850

DATE: 5/4/23

DRAWN BY: BDW

REVISION:

THE UNIVERSITY OF IOWA

CIVIL AND ENVIRONMENTAL ENGINEERING

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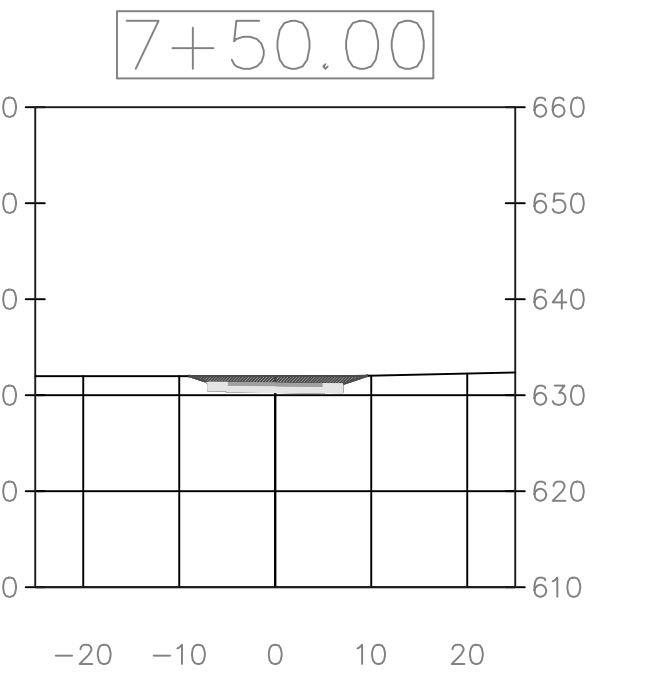
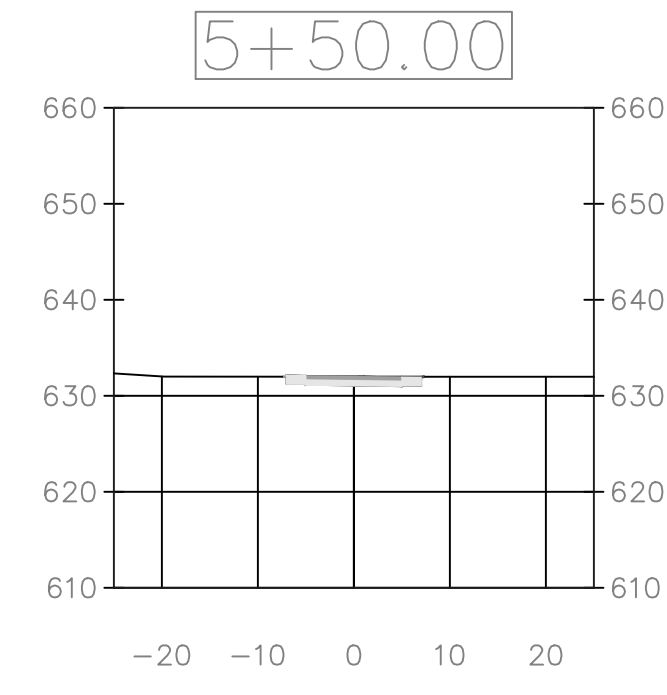
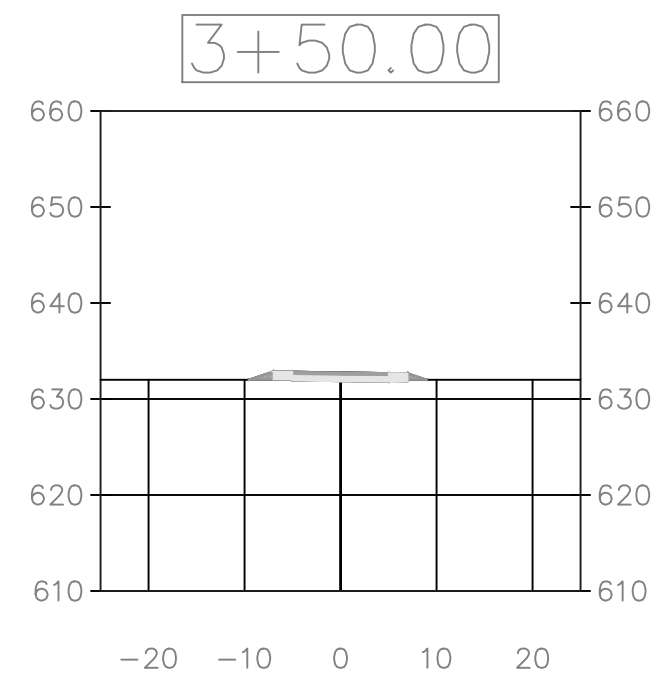
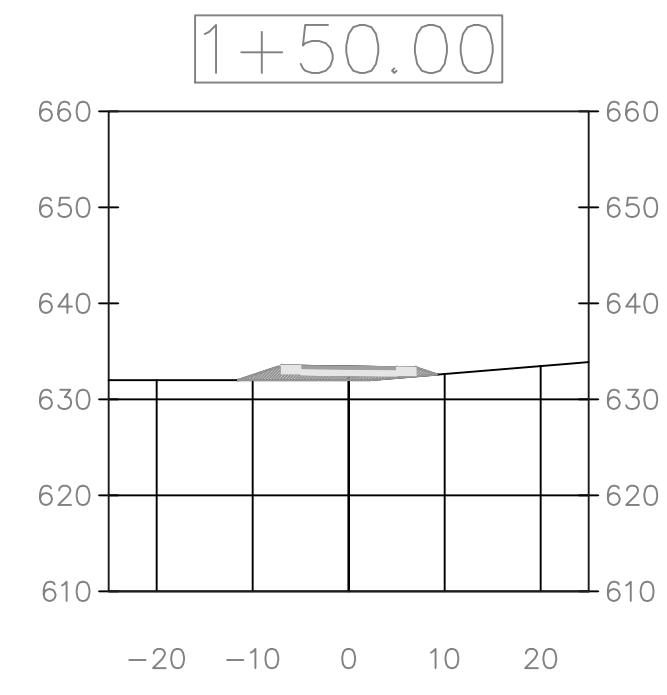
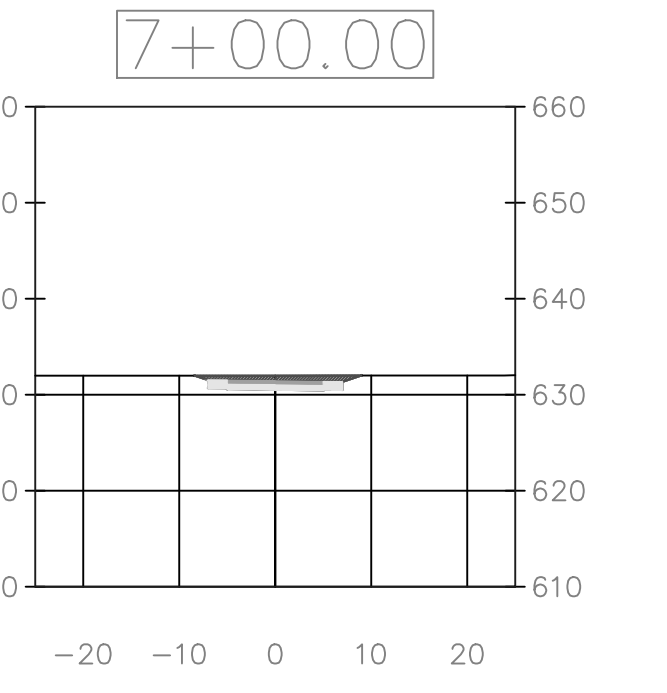
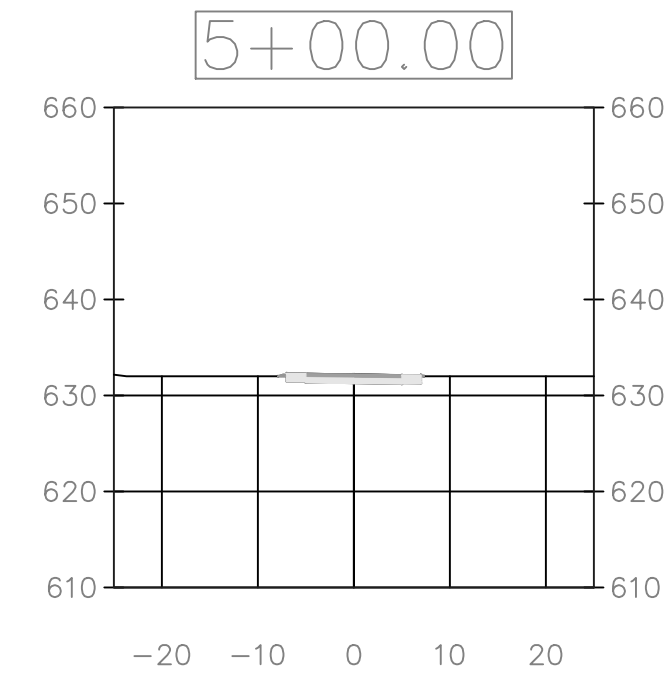
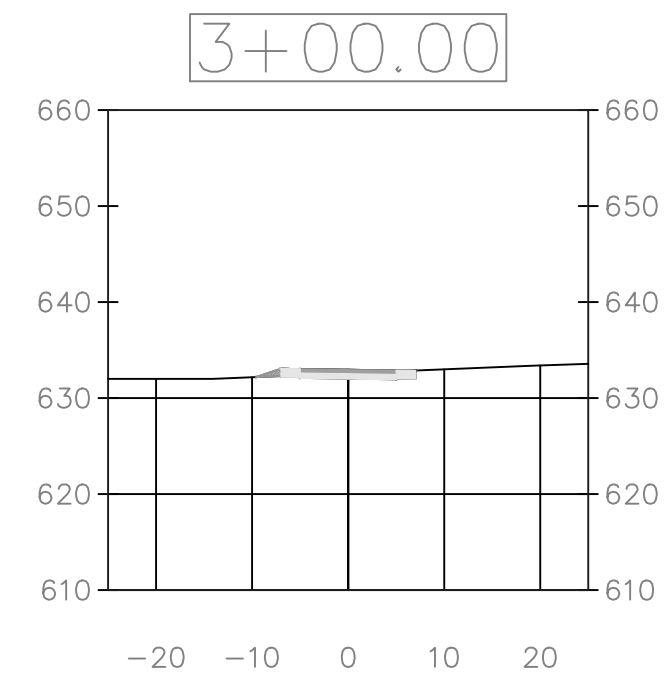
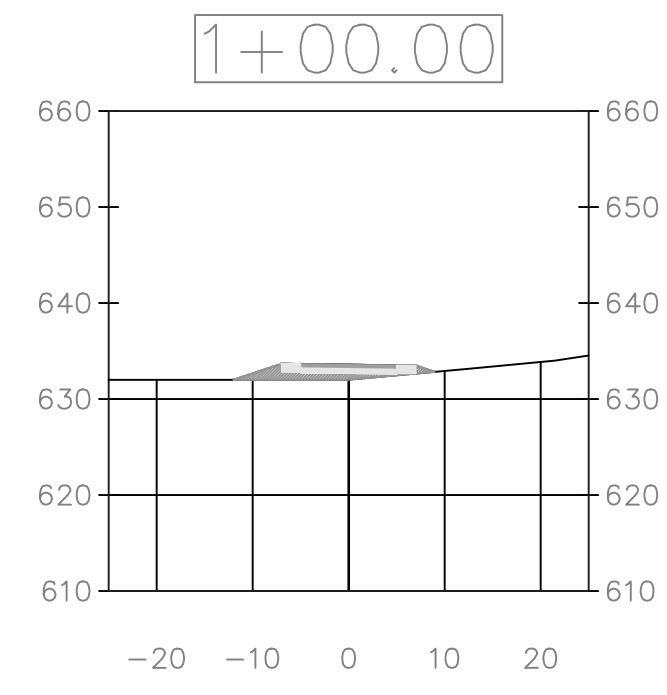
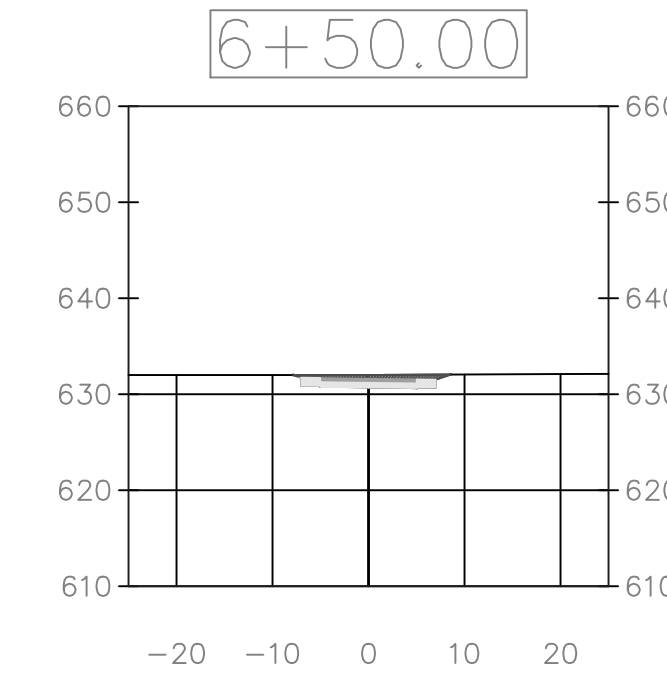
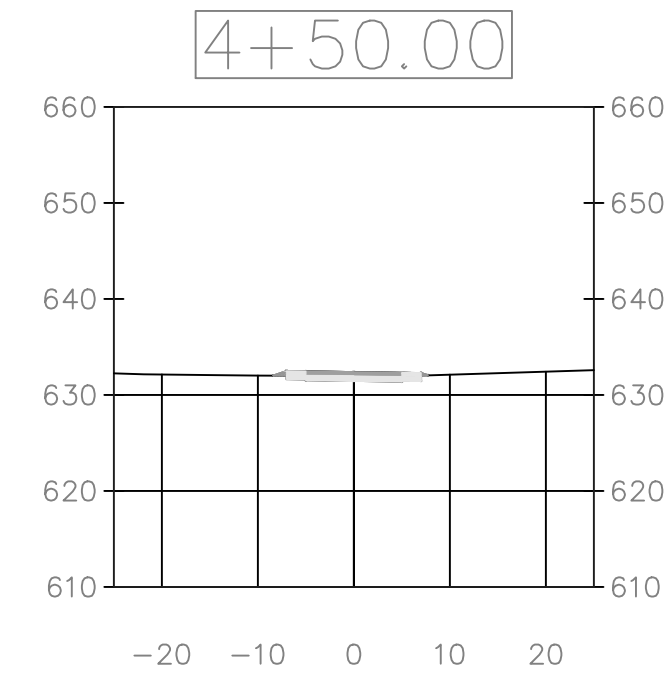
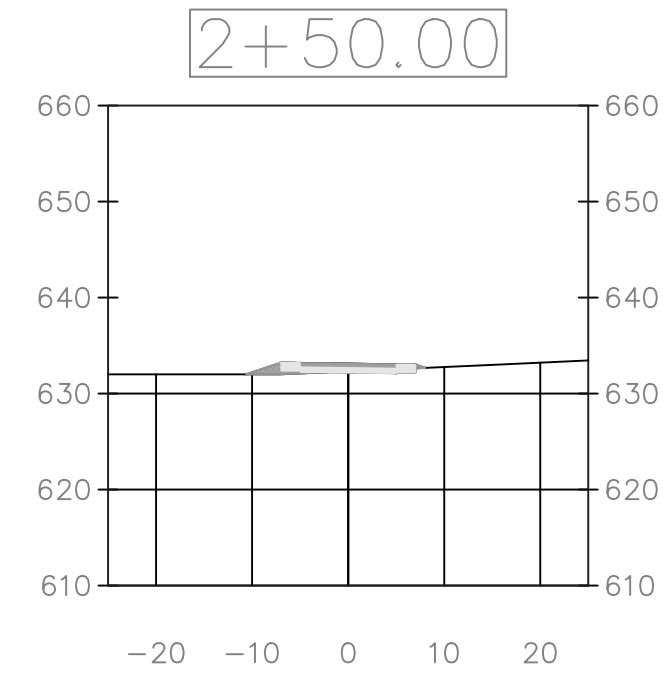
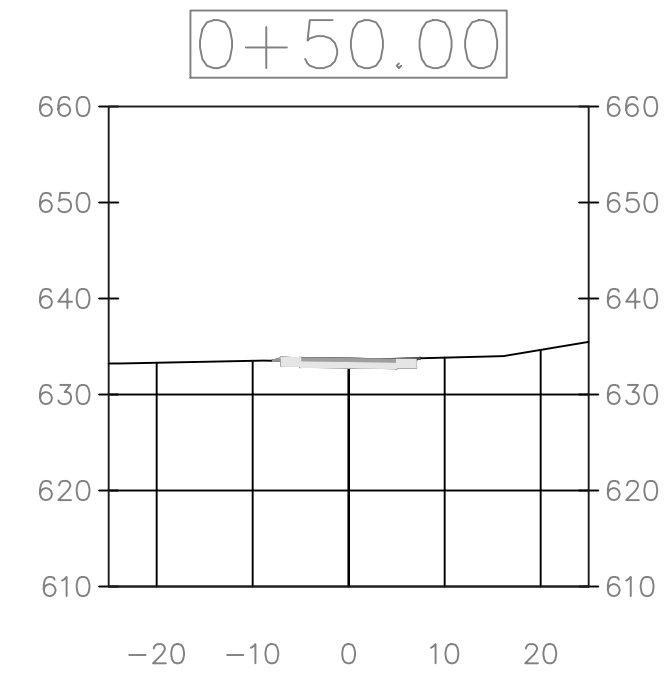
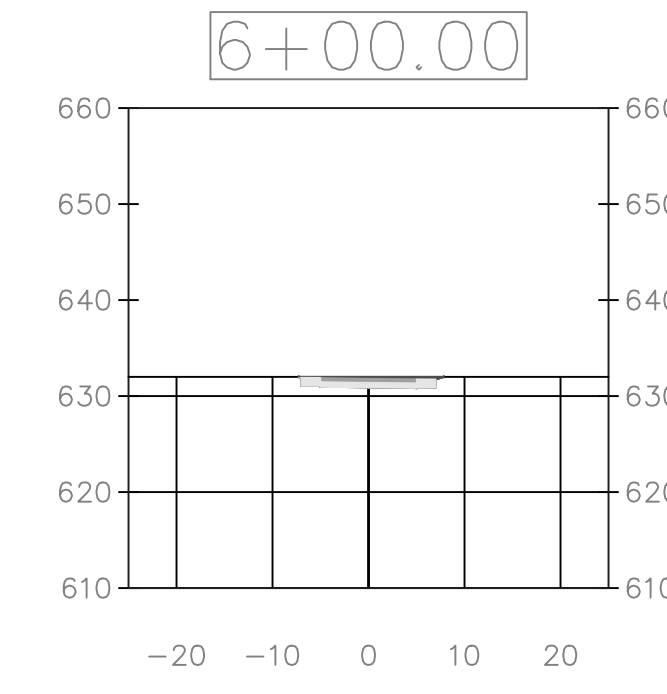
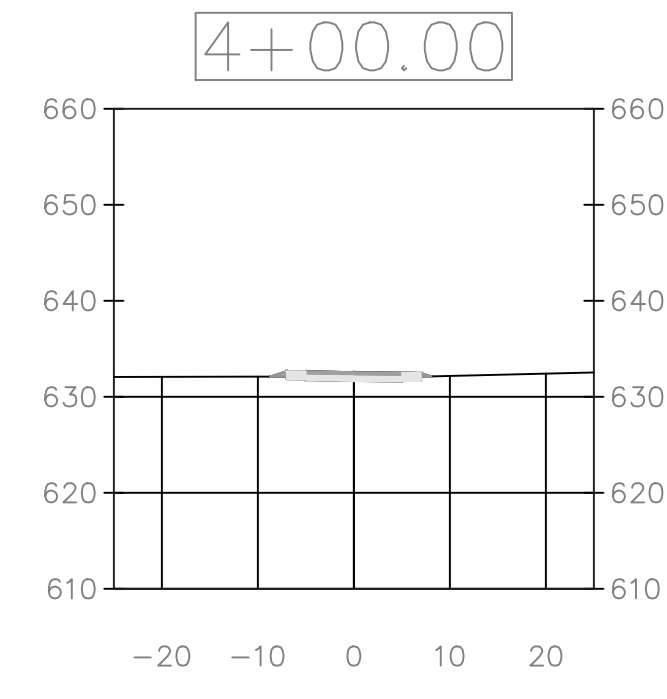
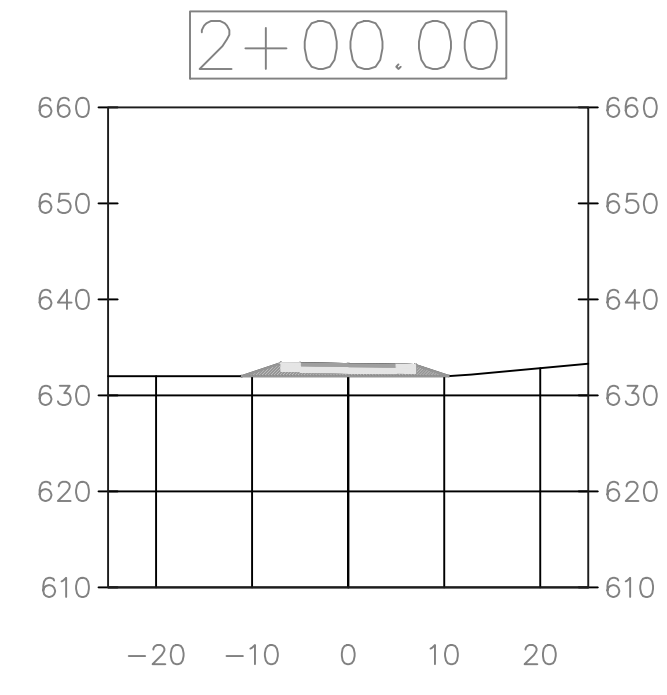
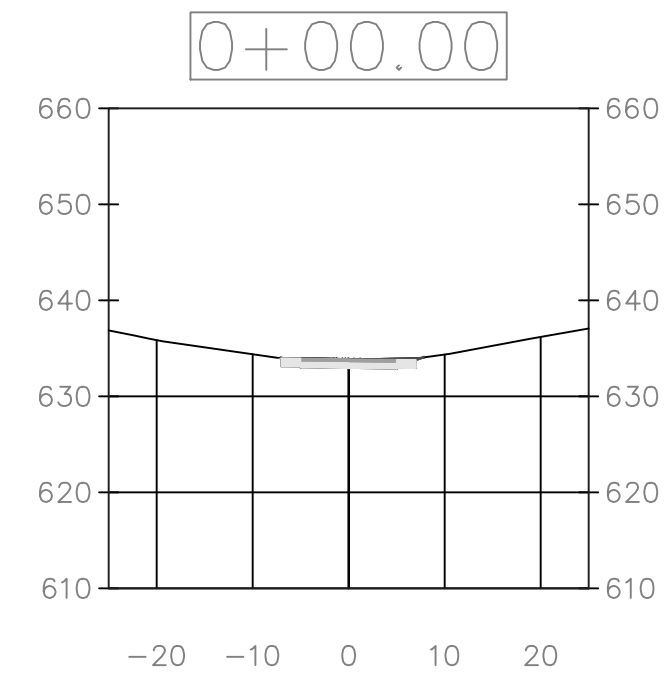
509 US-18, Marquette, IA 52158

SHEET NAME

SC Cross Sections

SHEET NO.

W.3



PROJECT: CEE: 4850
 DATE: 5/4/23
 DRAWN BY: BDW
 REVISION:

THE UNIVERSITY OF IOWA
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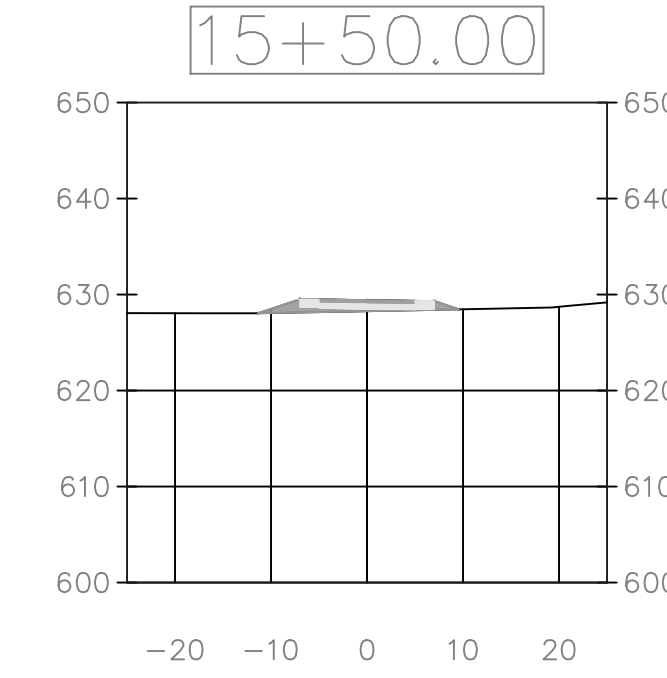
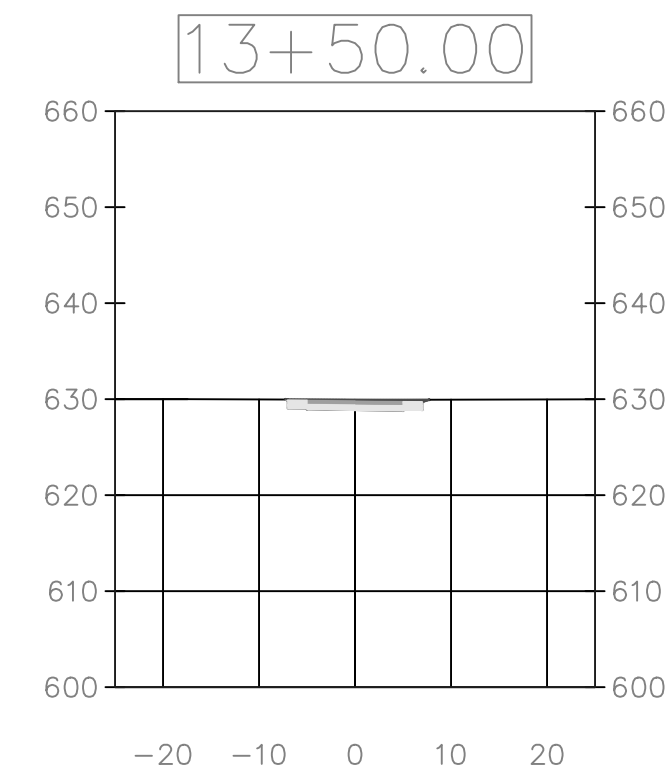
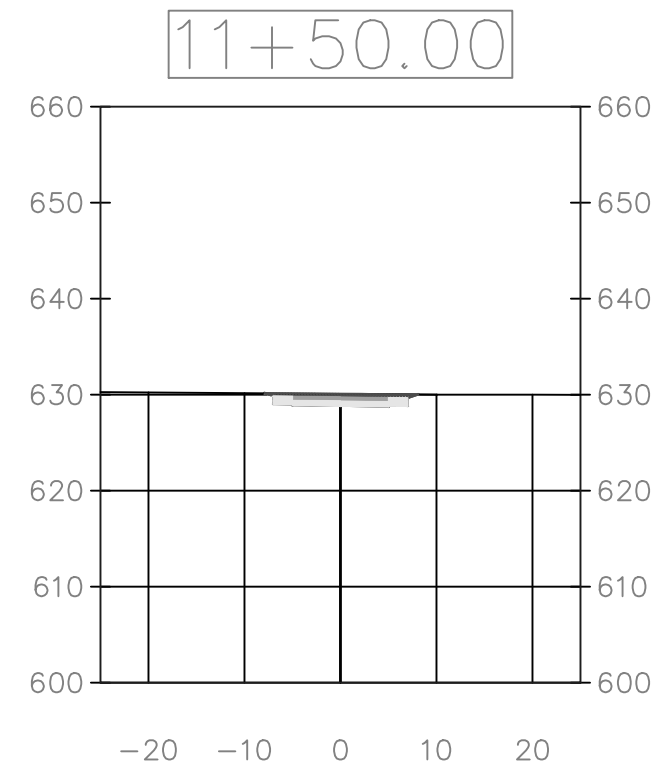
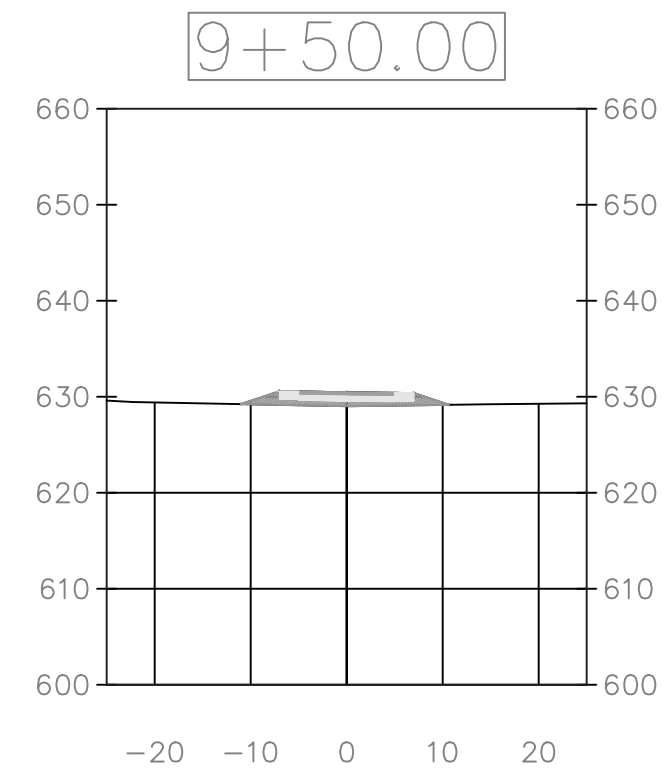
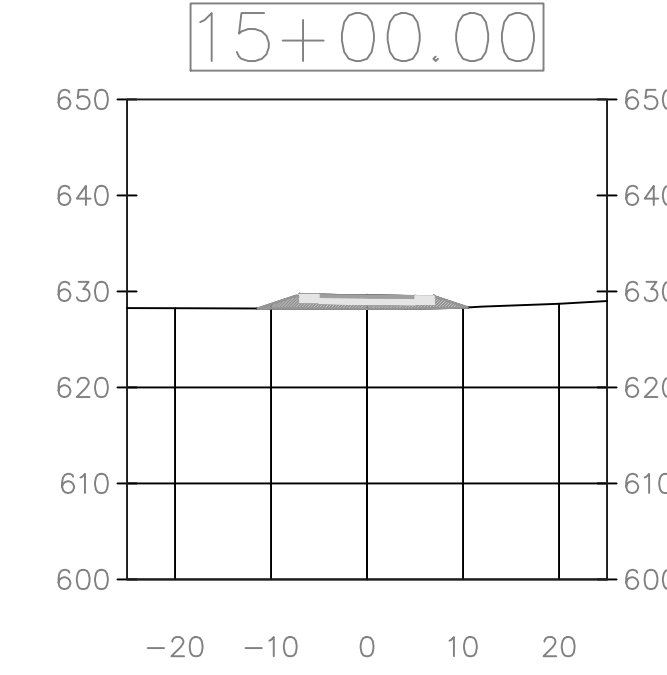
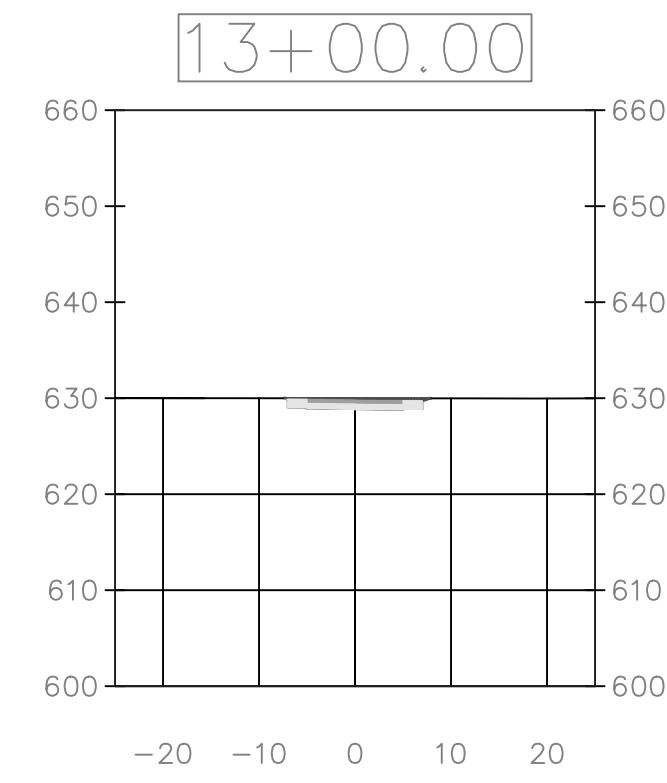
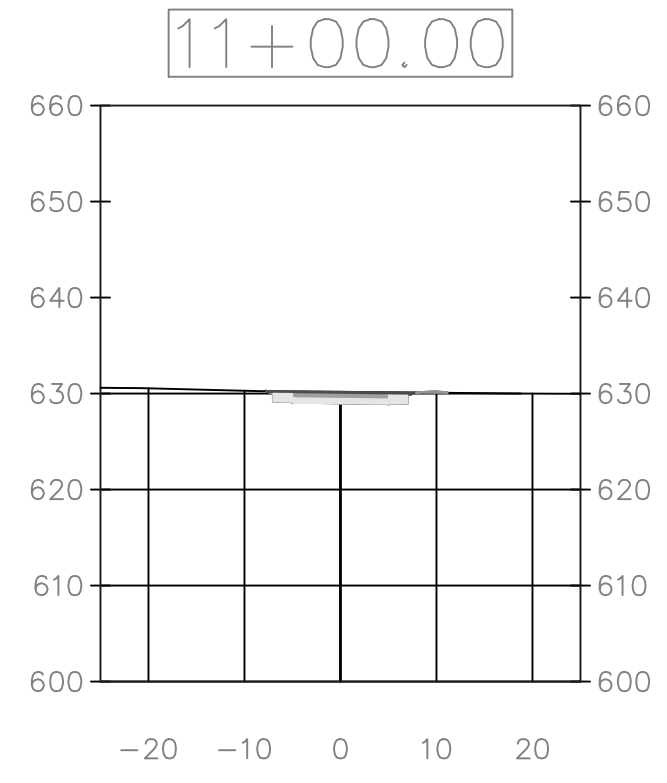
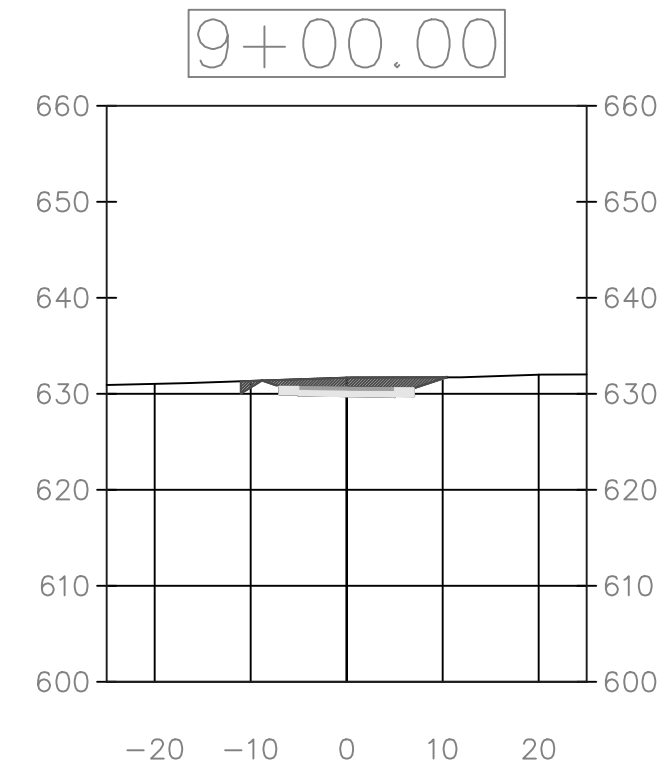
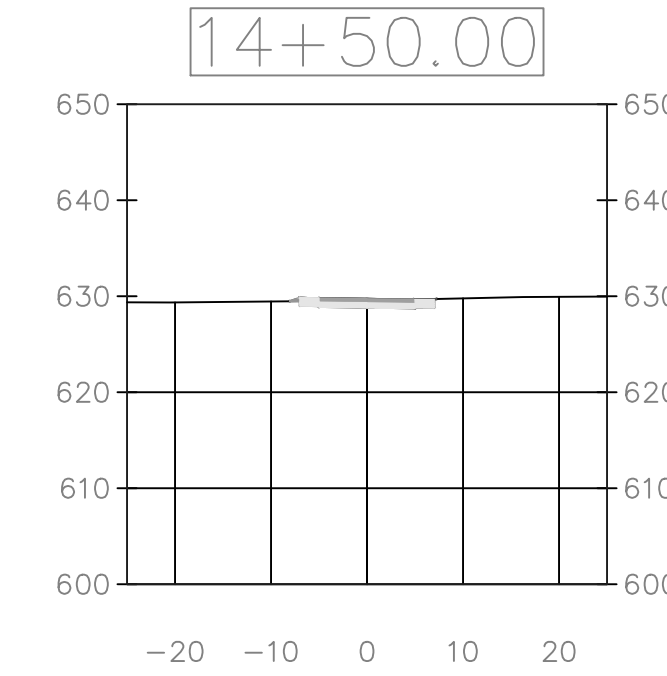
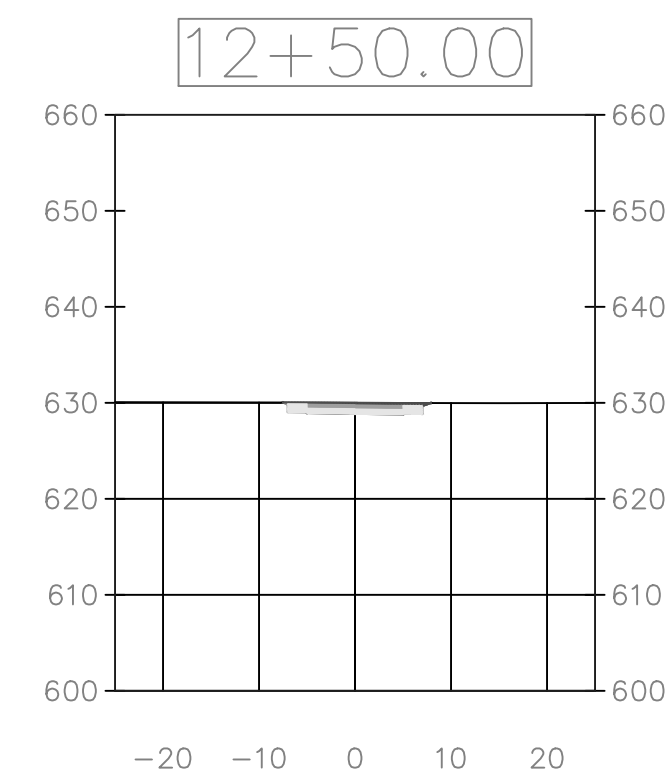
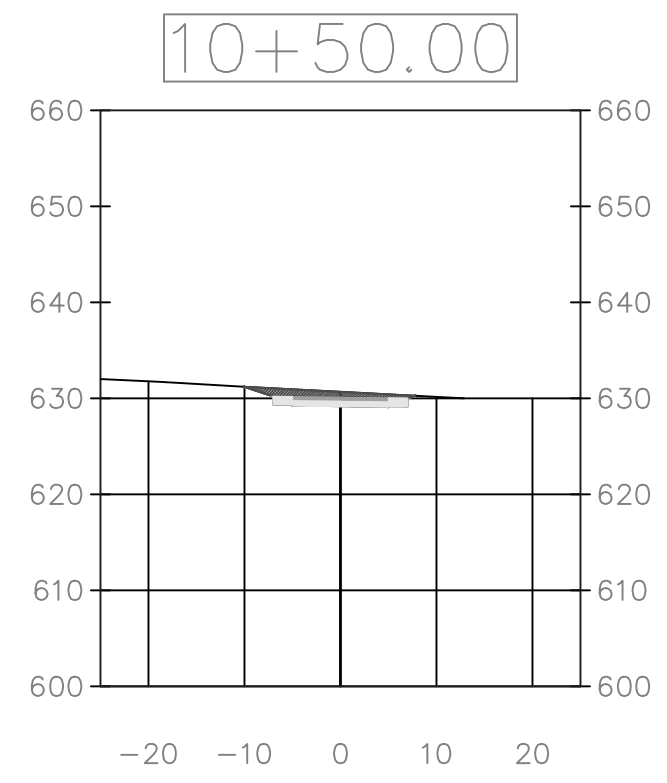
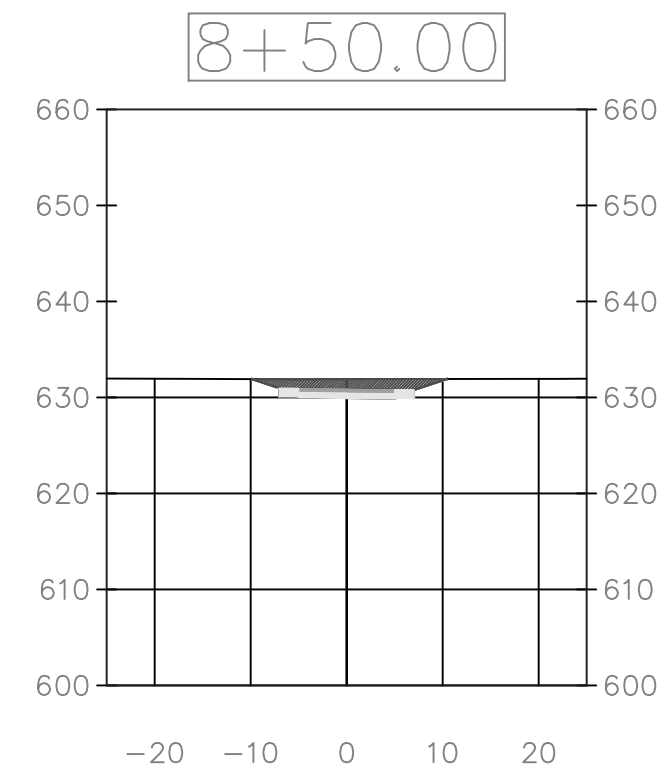
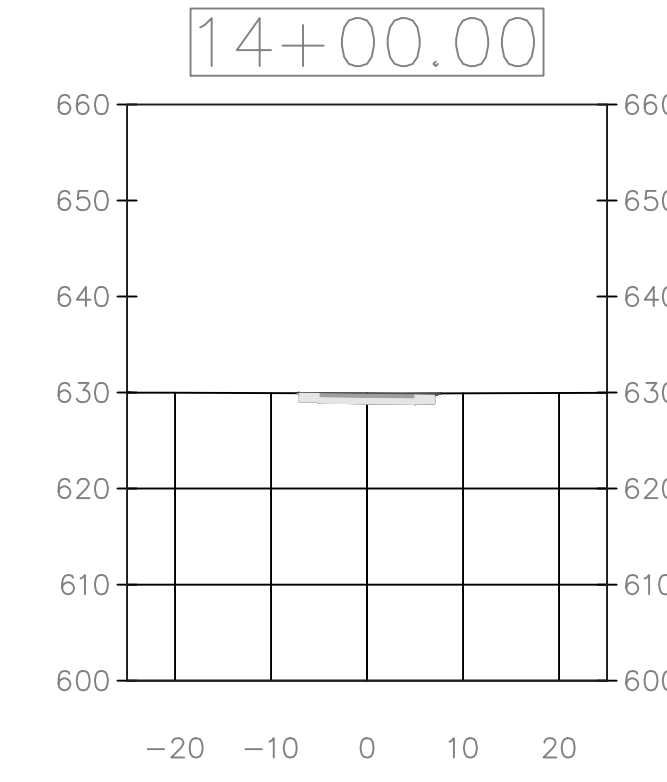
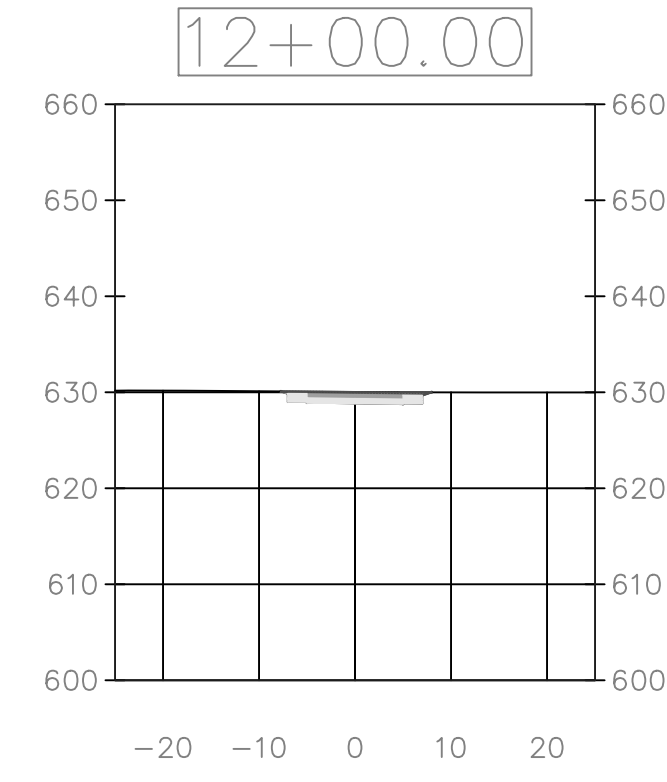
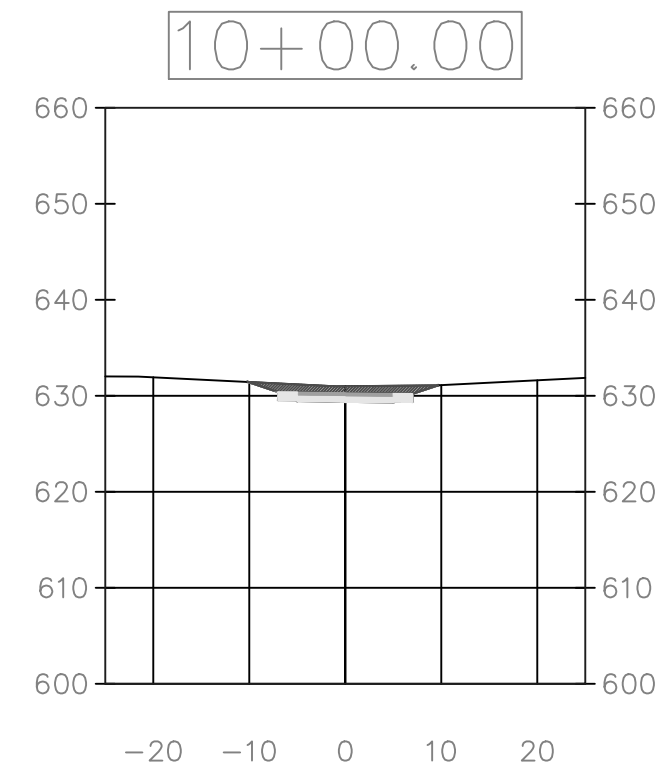
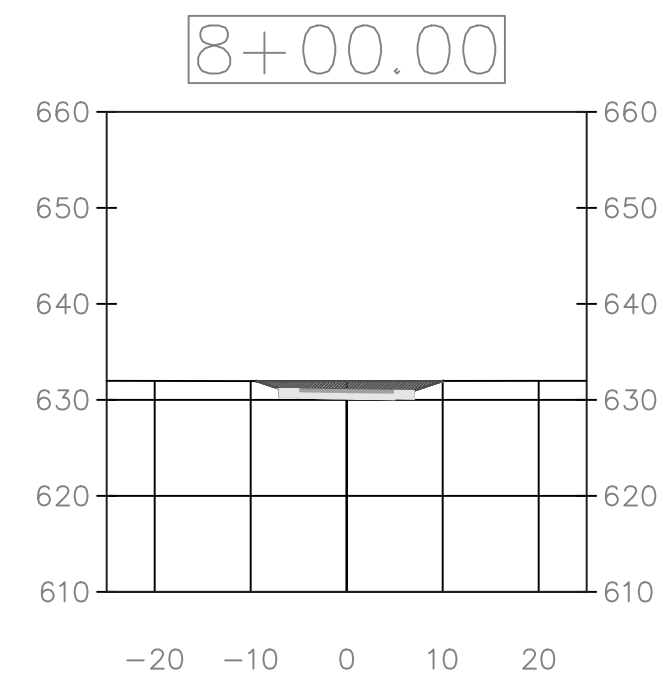
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SHEET NAME
 SW Cross Sections

SHEET NO.
W.4



PROJECT: CEE: 4850
 DATE: 5/4/23
 DRAWN BY: BDW
 REVISION:

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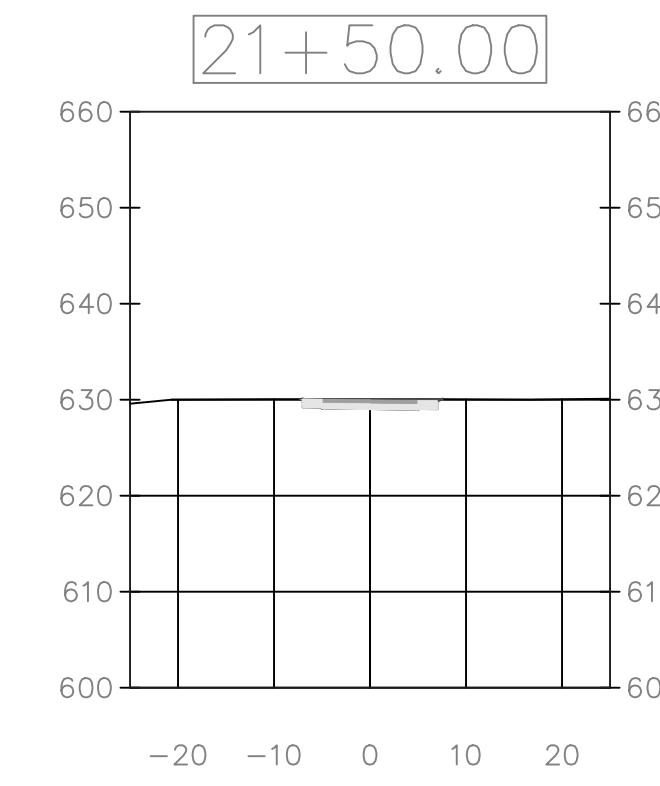
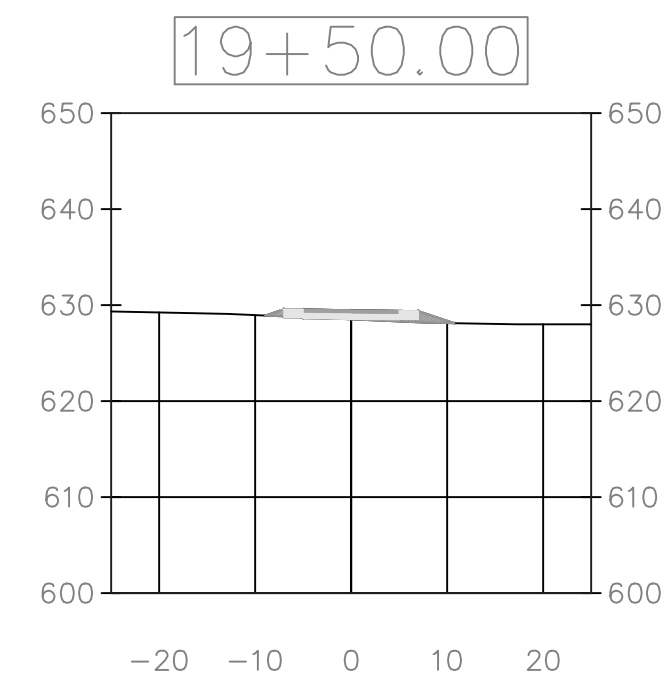
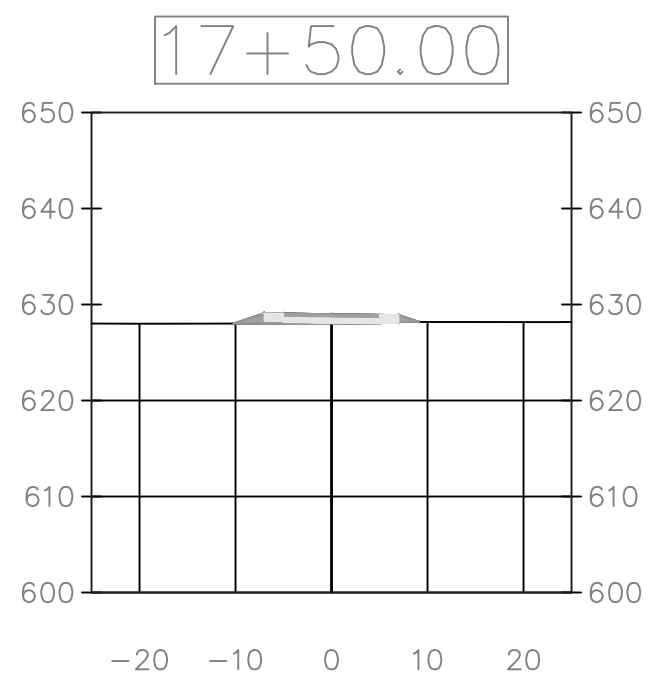
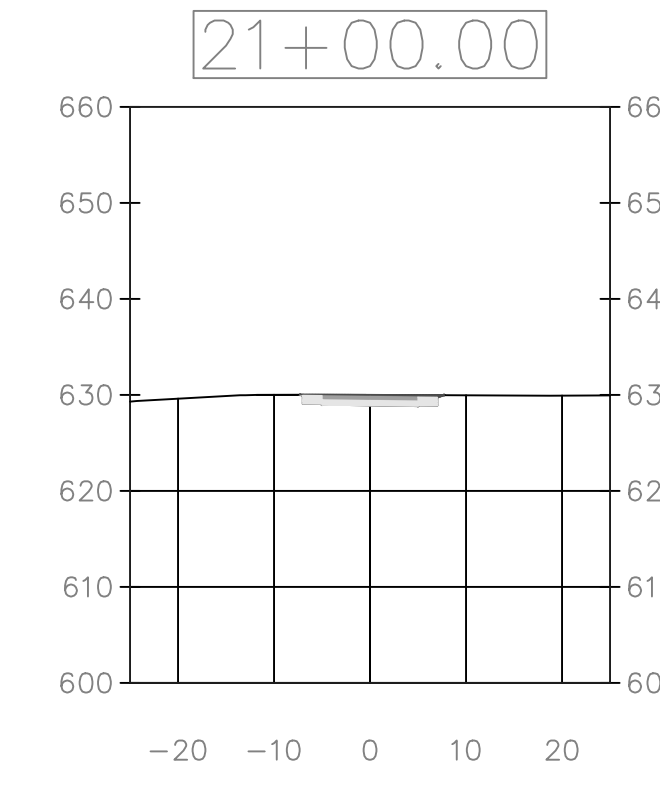
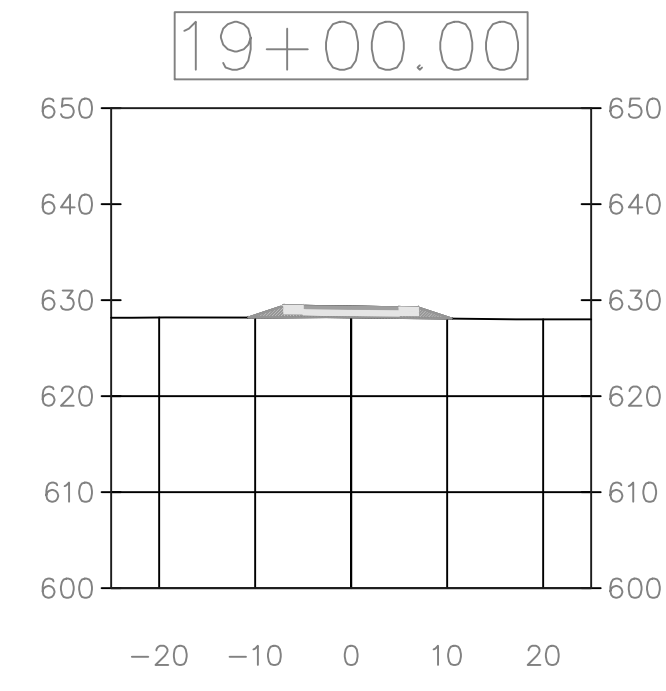
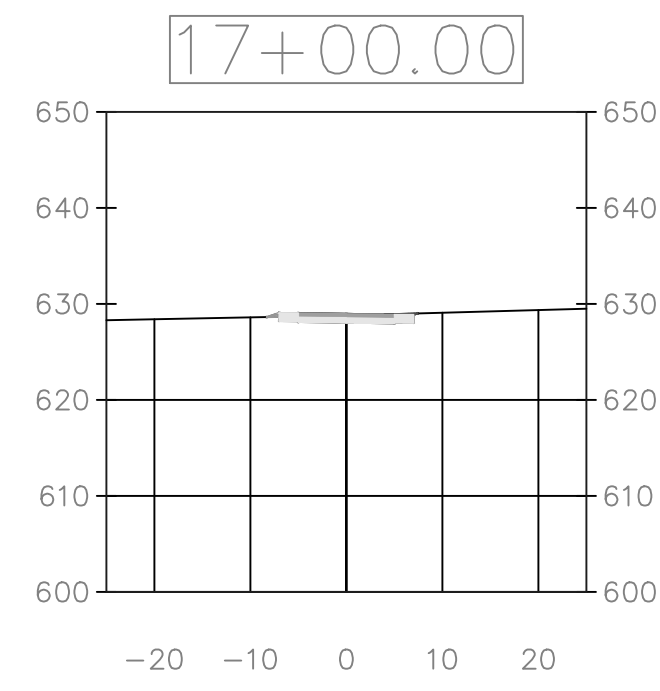
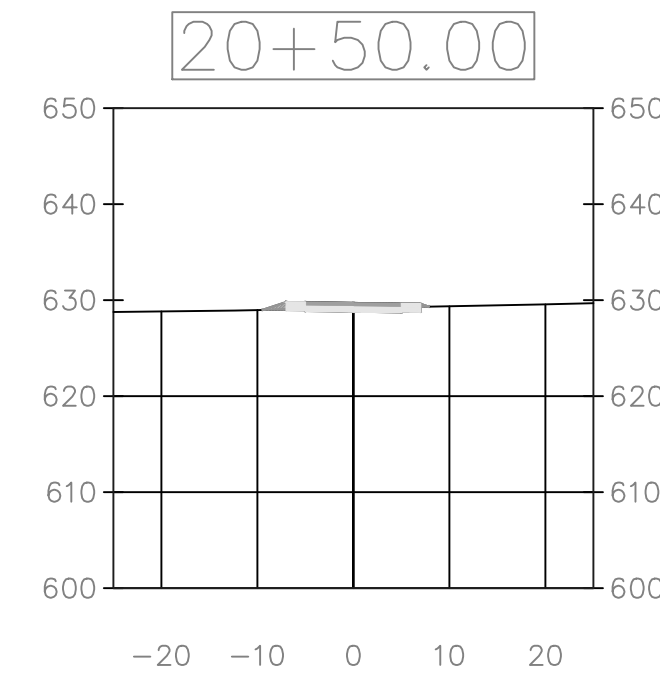
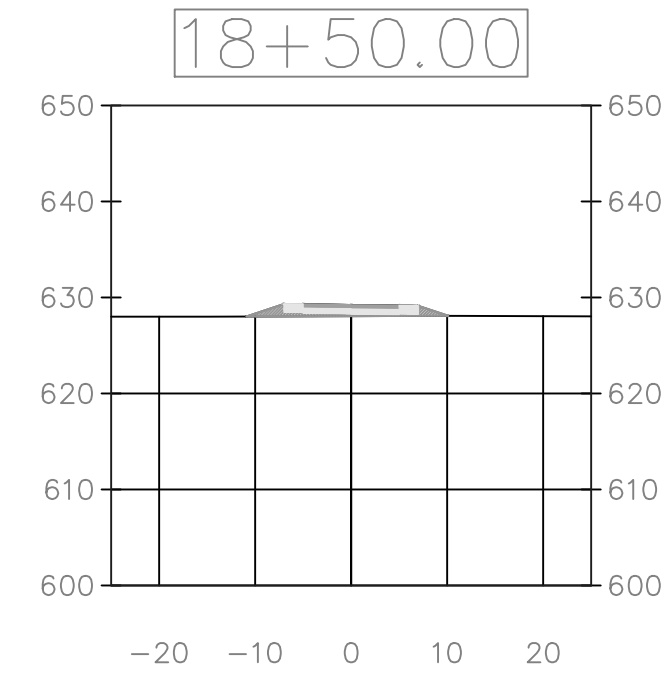
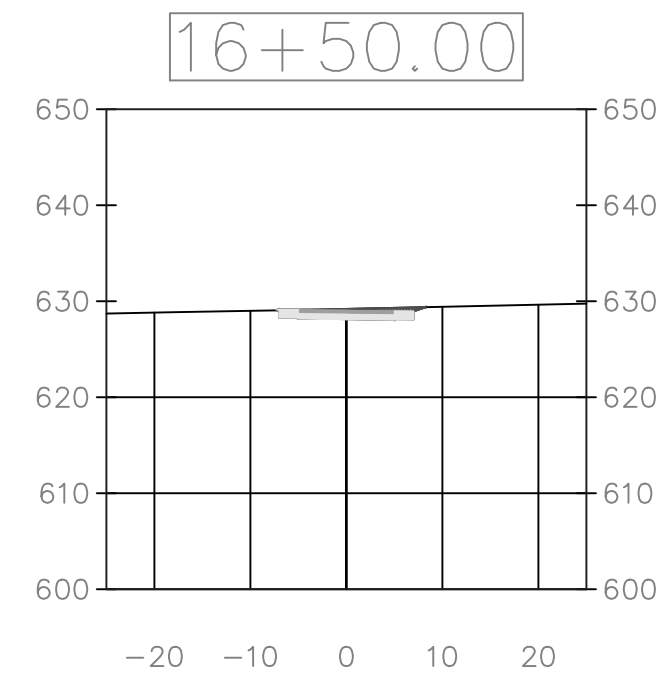
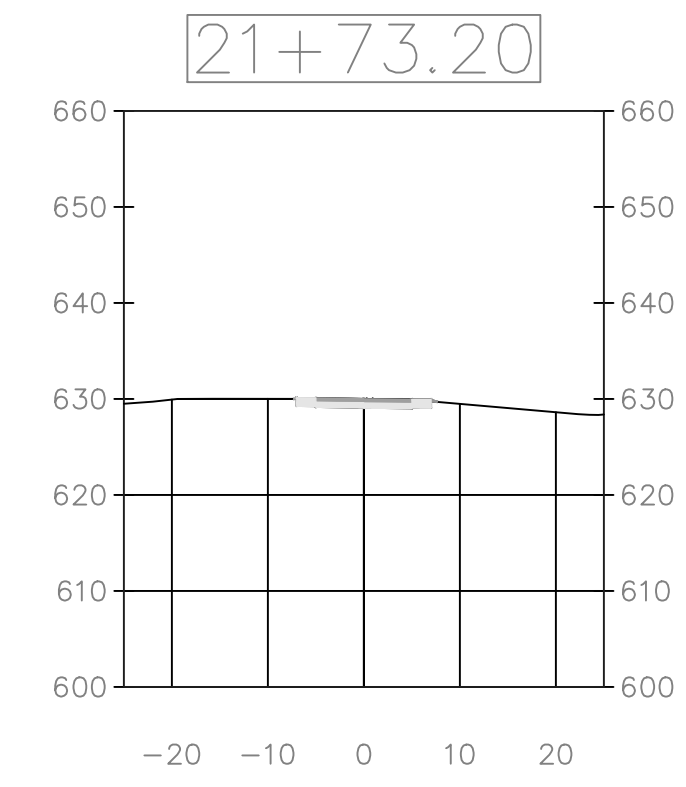
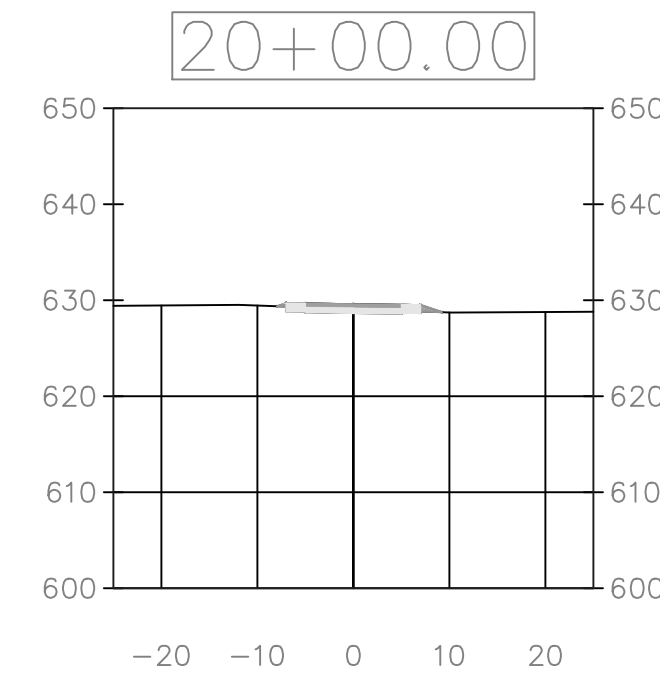
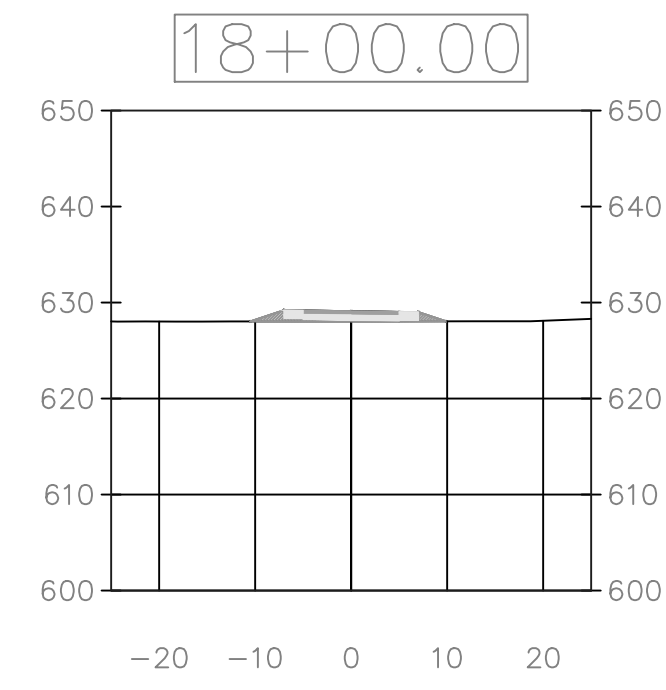
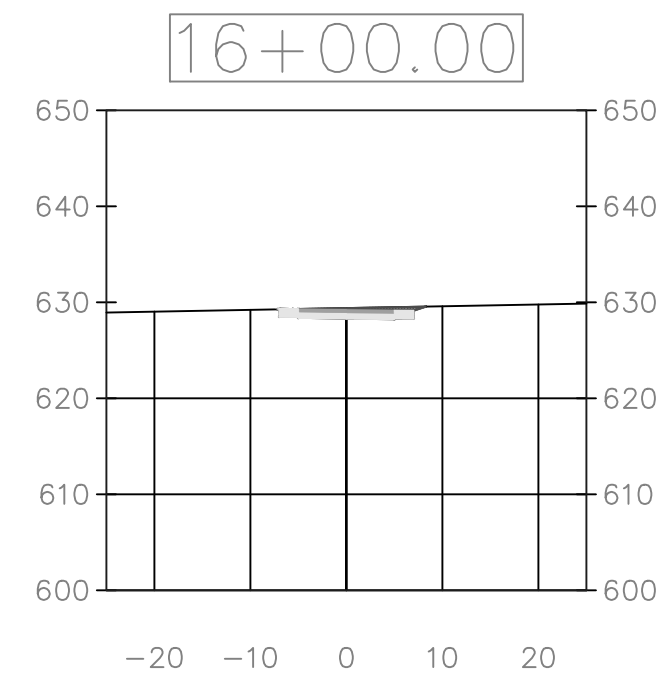
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 509 US-18, Marquette, IA 52158

SHEET NAME
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SHEET NO.
W.5



PROJECT: CEE: 4850

DATE : 5/4/23

DRAWN BY: BDW

REVISION:

THE UNIVERSITY OF IOWA
CIVIL AND ENVIRONMENTAL ENGINEERING

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SW Cross Sections

SHEET NO.

W.6