

SS 189 - Itinerario Agrigento Palermo
Sistemazione e messa in sicurezza dello svincolo al Km 24 della SS 189
(Svincolo San Giovanni Gemini in località Tumarrano)

PROGETTO ESECUTIVO

COD. PA-884

R.T.I. di PROGETTAZIONE:



Via Artemide n°3
92100 Agrigento
Tel. 0922 421007
email: deltaingegneria@pec.it

MANDATARIA



Servizi integrati d'ingegneria - Progettazioni
Computer Aided Design - Drafting
Sviluppo soluzioni software - hardware - dedicato

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ING. ANDREA MILANO

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PROGETTISTI:

*Ing. Nicola D'Alessandro - Responsabile delle prestazioni specialistiche
Delta Ingegneria srl - Ordine Ing. di Agrigento n. A995*



AREE SPECIALISTICHE:

GEOLOGIA <i>Dott. Geol. Massimo Carlino - Delta Ingegneria srl Albo Geol. di Sicilia n. 1328</i>	PROGETTAZIONE IDRAULICA <i>Ing. Maurizio Carlino - Delta Ingegneria srl Ordine Ing. di Agrigento n. A628</i>
PROGETTAZIONE STRADALE E GEOTECNICA <i>Ing. Domenico D'Alessandro - Delta Ingegneria srl Ordine Ing. di Agrigento n. A634</i>	IMPIANTI <i>Ing. Andrea Milano Ordine Ing. di Agrigento n. A789</i>
AMBIENTE E PAESAGGIO <i>Ing. Raimondo D'Alessandro - Delta Ingegneria srl Ordine Ing. di Agrigento n. A2254 Dott. Agr. Floriana Di Leonardo Albo degli Agronomi e Forestali Provincia di Palermo n. 1250</i>	STRUTTURE <i>Ing. Antonio Alparone - Alisea srl Ordine Ing. di Palermo n. A9349 Ing. Giuseppe Ferraro - Delta Ingegneria srl Ordine Ing. di Agrigento n. A203</i>
COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE <i>Ing. Nicola D'Alessandro - Delta Ingegneria srl Ordine Ing. di Agrigento n. A995</i>	<i>Ing. Claudio Orsini - TCE srl Ordine Ing. di Napoli n. 9080</i>
VISTO: IL RESP. DEL PROCEDIMENTO <i>Ing. Luigi Mupo</i>	ACUSTICA <i>Ing. Antonio Orlando - TCE srl Ordine Ing. di Salerno n. 3817</i>

STUDI ED INDAGINI

Idrologia ed Idraulica

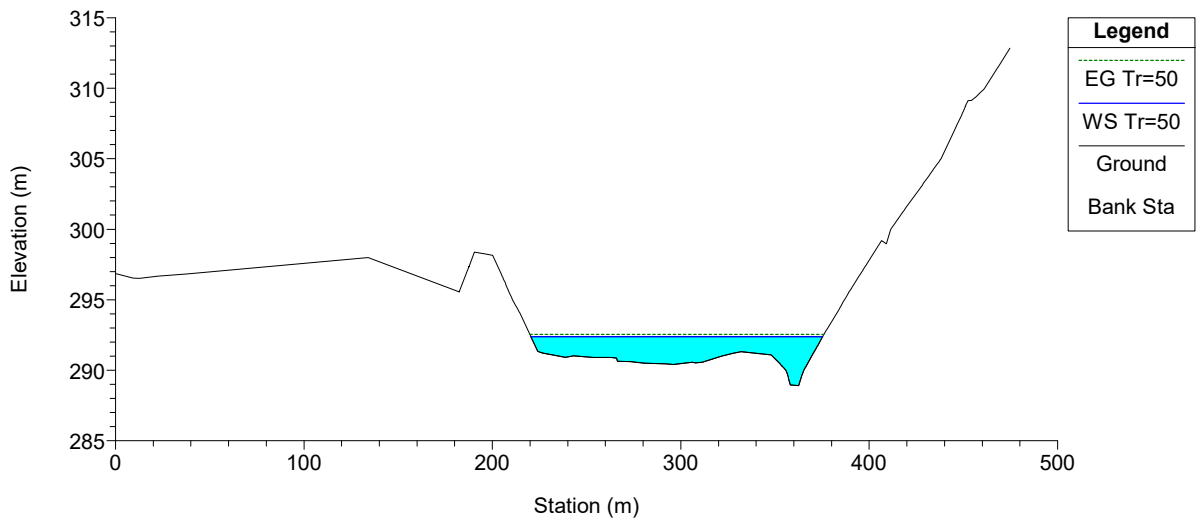
Quaderno delle sezioni idrauliche Ante e Post Operam

CODICE PROGETTO			NOME FILE		REVISIONE	SCALA
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DPPA0884	E	23	CODICE ELAB. T00ID00IDRSZ01		A	
D						
C						
B						
A	Consegna Progetto Esecutivo		Ottobre 2023	Ing.M.CARLINO	Ing.N. D'ALESSANDRO	Ing.N. D'ALESSANDRO
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO	APPROVATO

SEZIONI IDRAULICHE ANTE OPERAM
TR 50 ANNI

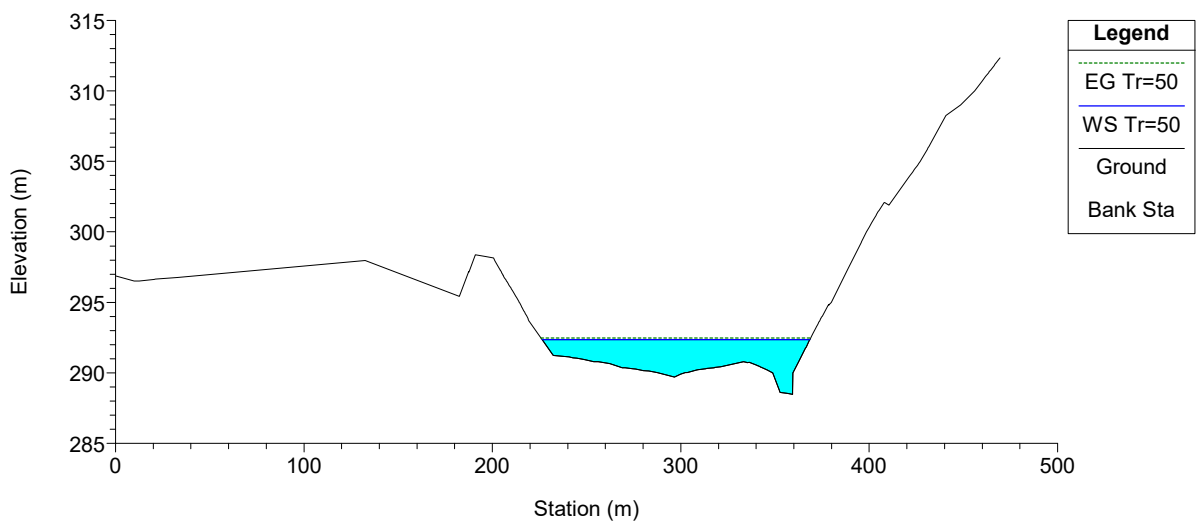
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RS = 290



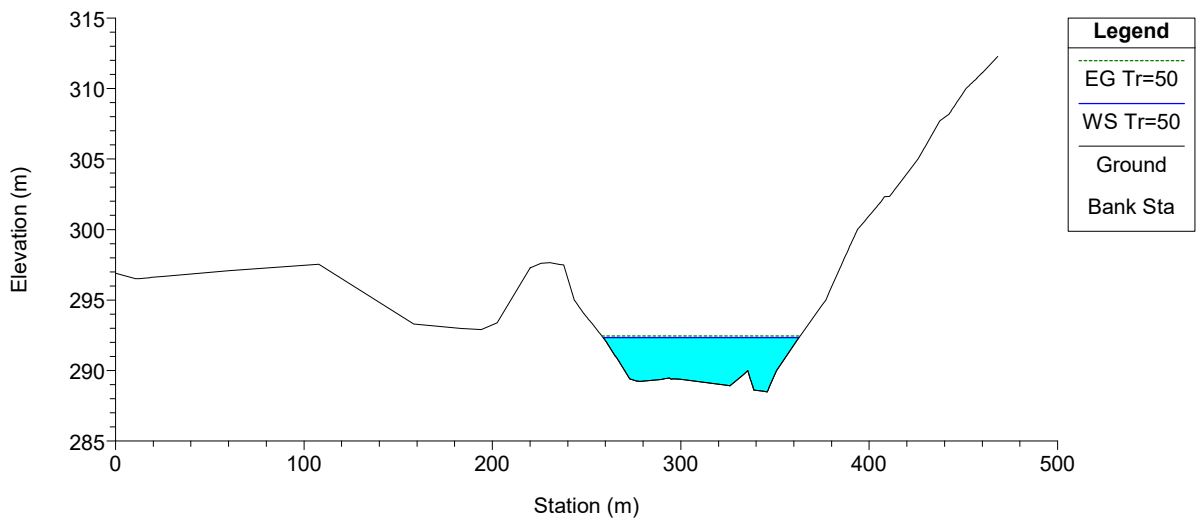
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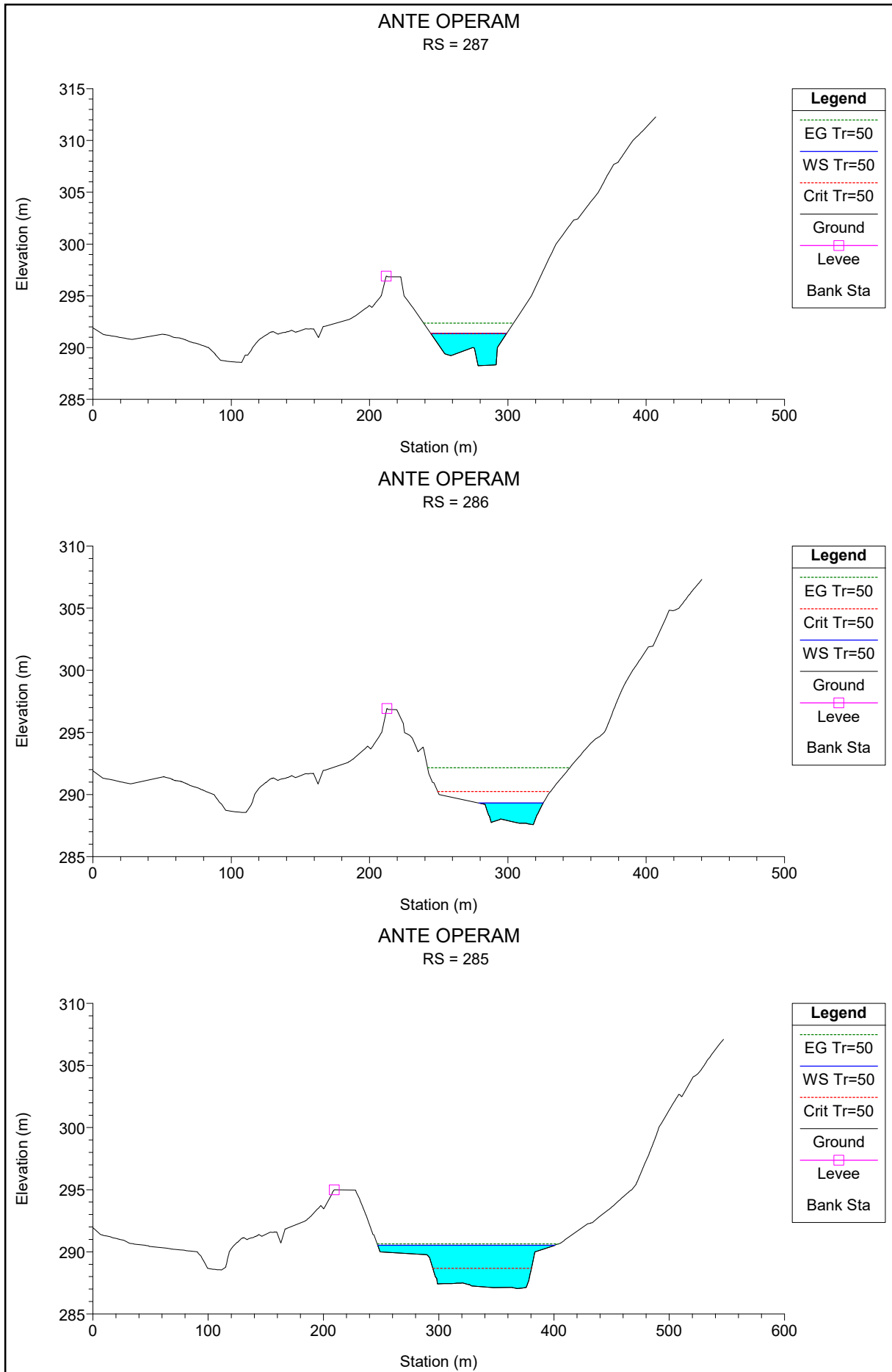
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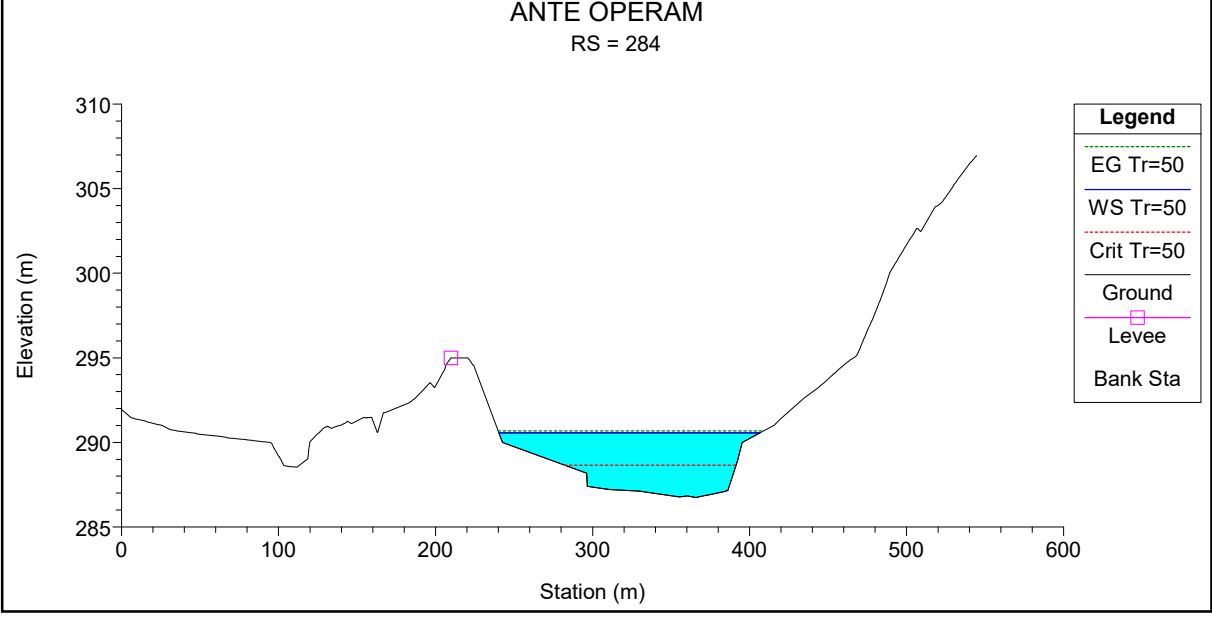
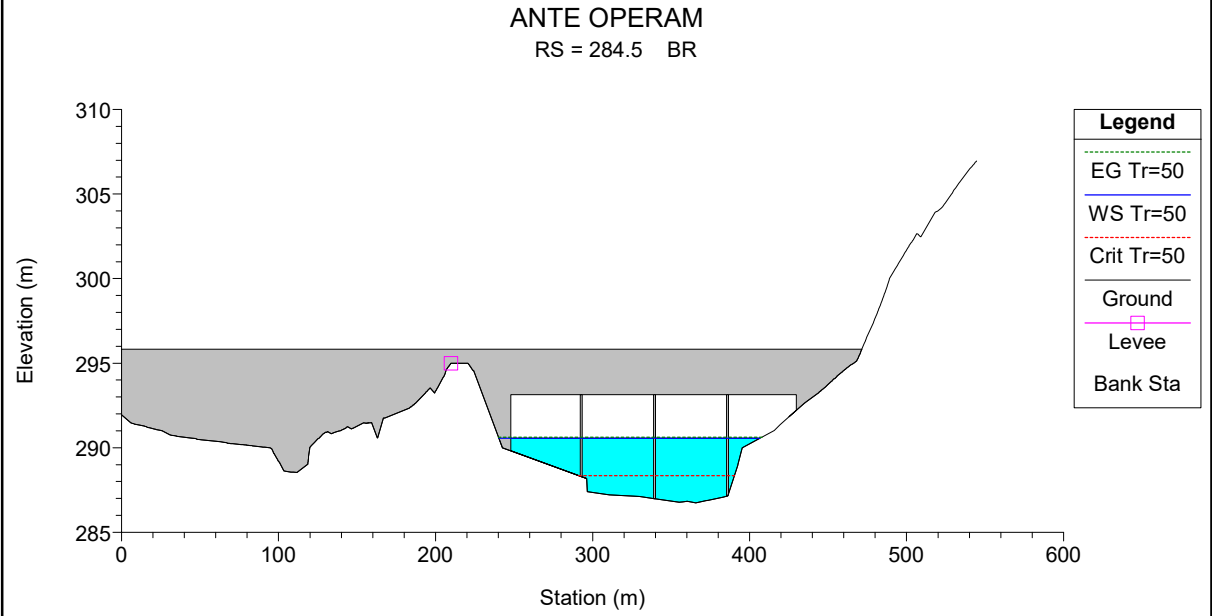
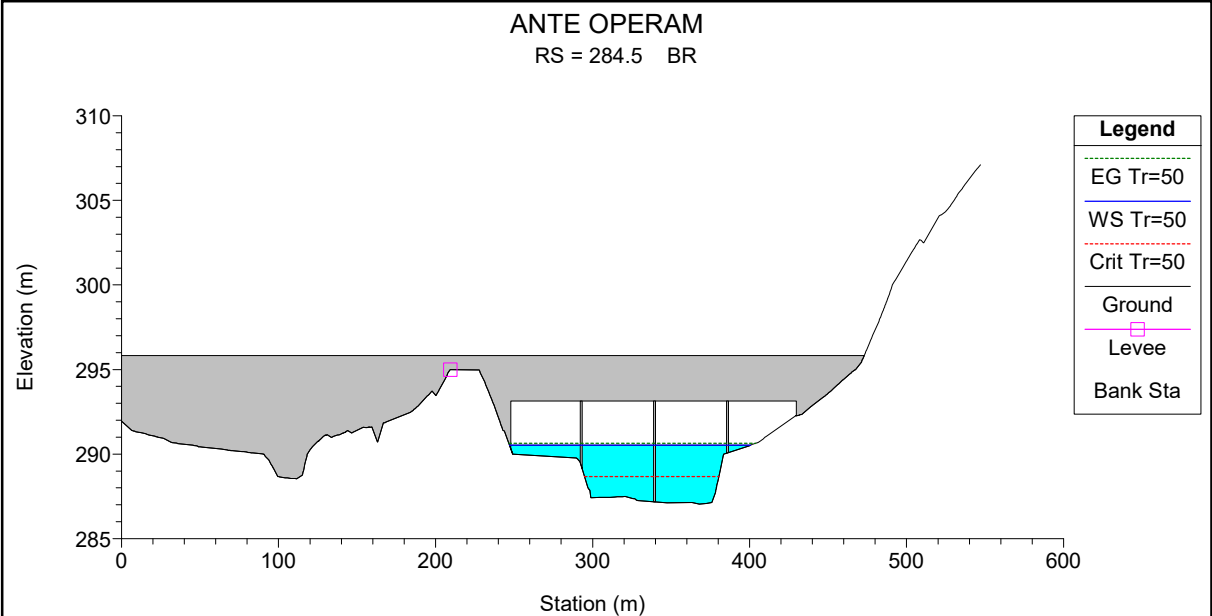


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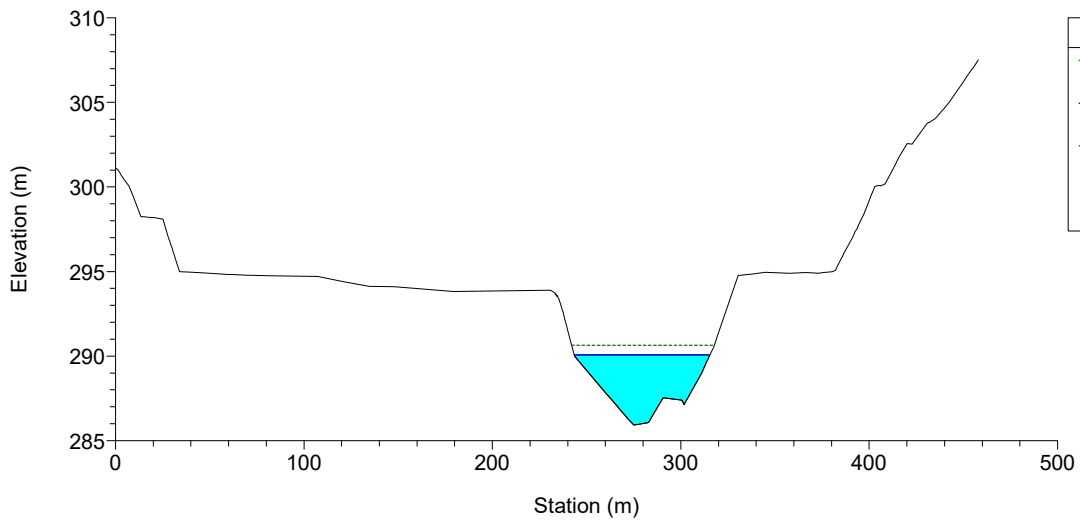






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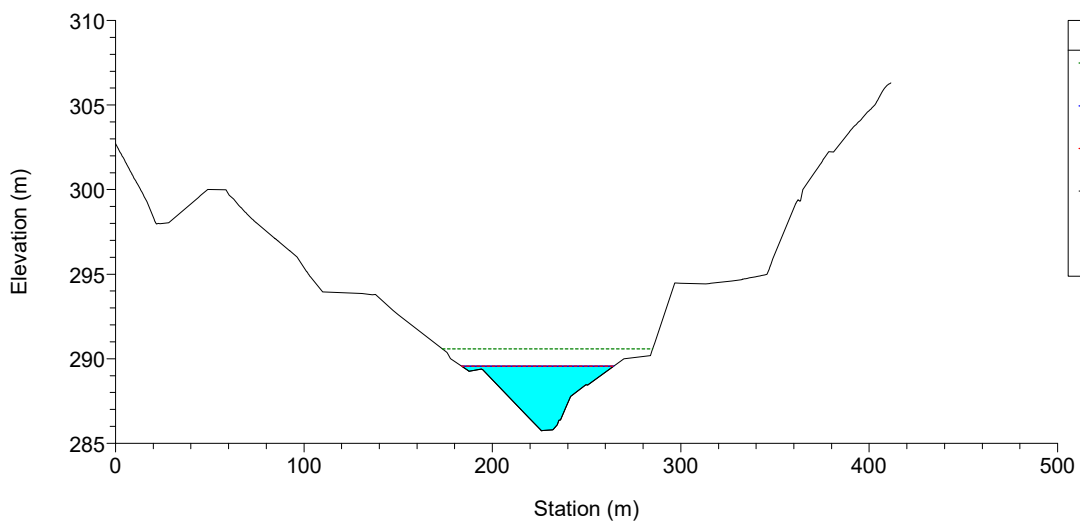
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Legend	
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WS Tr=50	—
Ground	—
Bank Sta	—

ANTE OPERAM

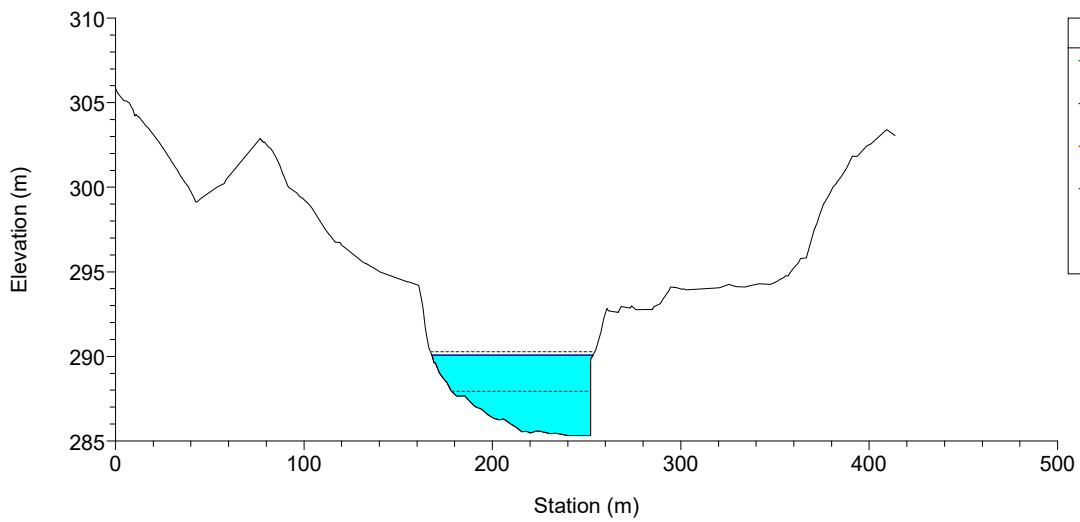
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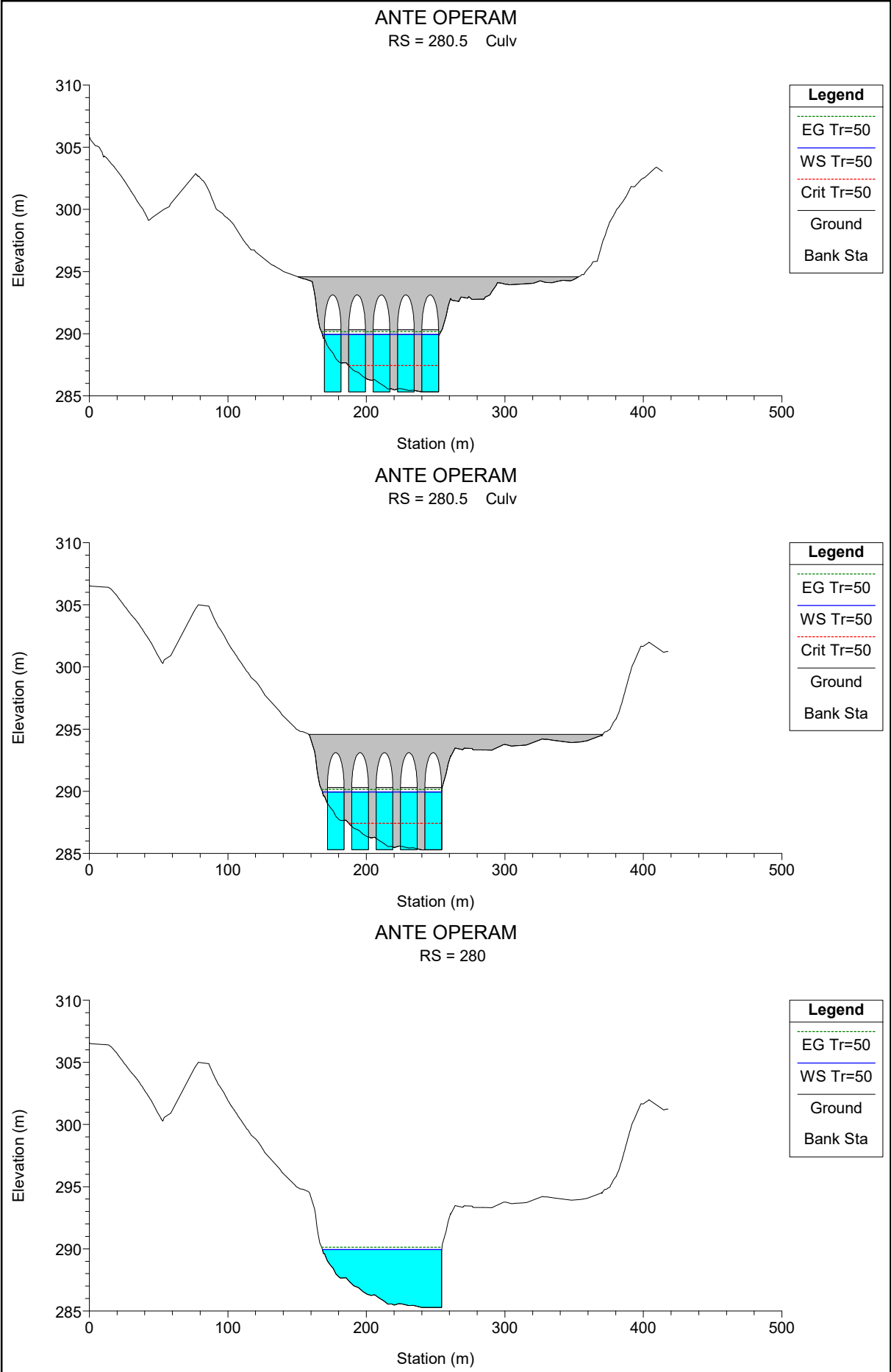
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Crit Tr=50	—
Ground	—
Bank Sta	—

ANTE OPERAM

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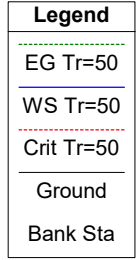
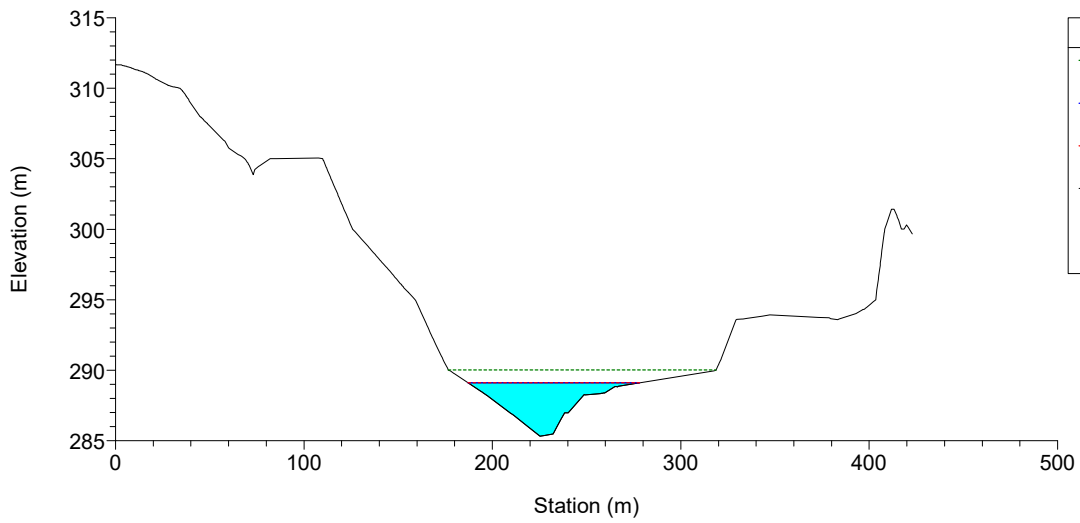


Legend	
EG Tr=50	—
WS Tr=50	—
Crit Tr=50	—
Ground	—
Bank Sta	—



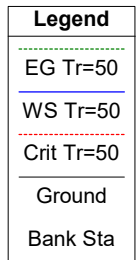
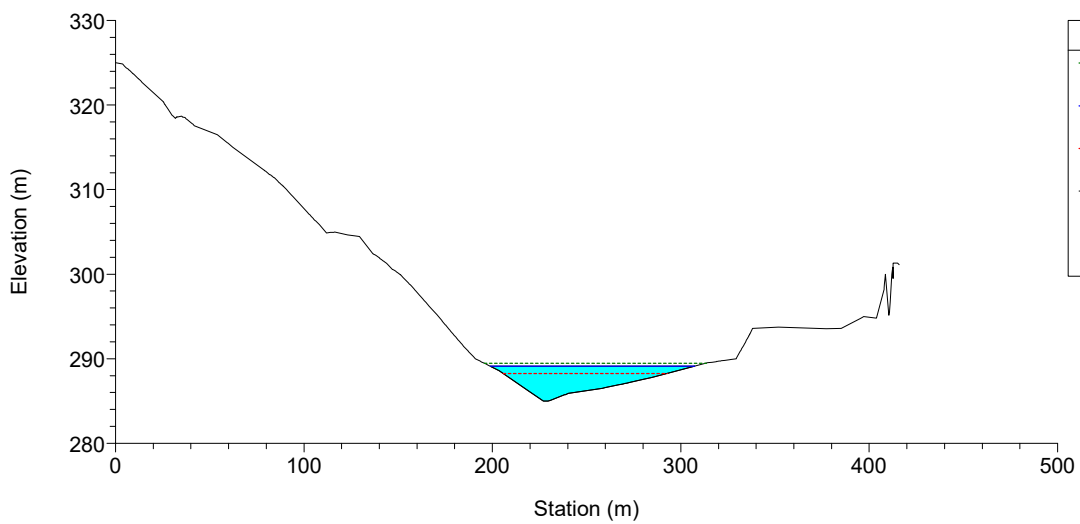
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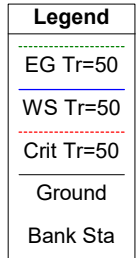
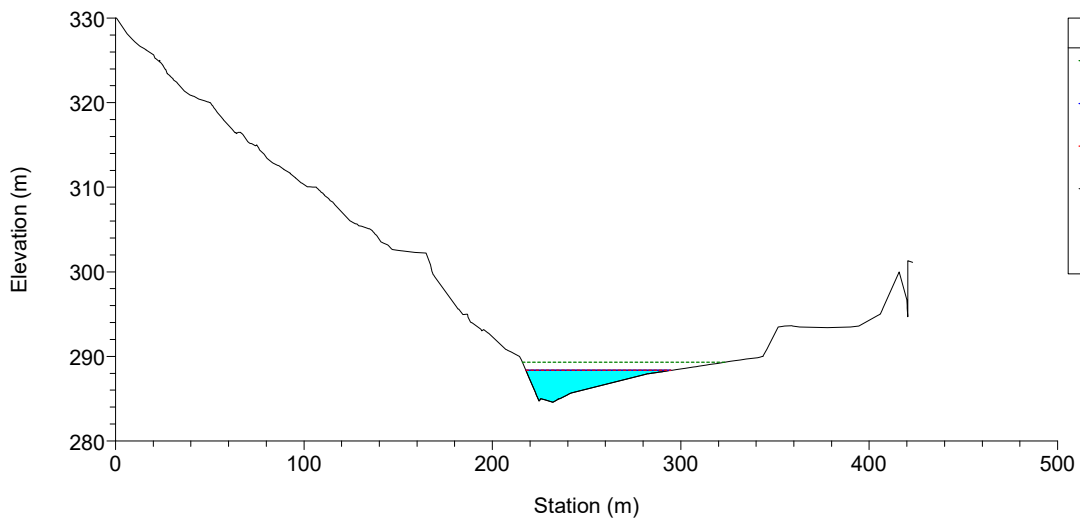
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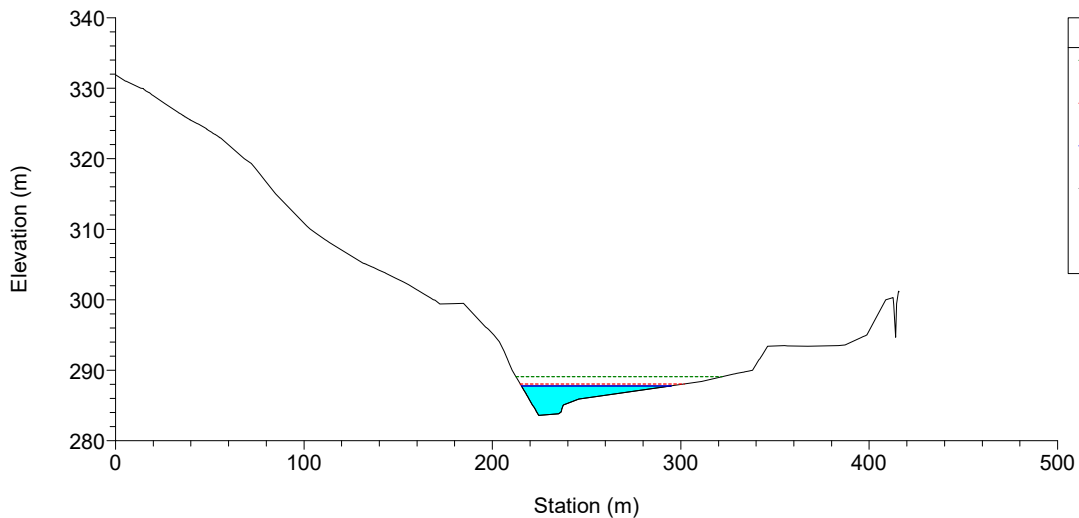
ANTE OPERAM

RS = 277



ANTE OPERAM

RS = 276



Legend

EG Tr=50

Crit Tr=50

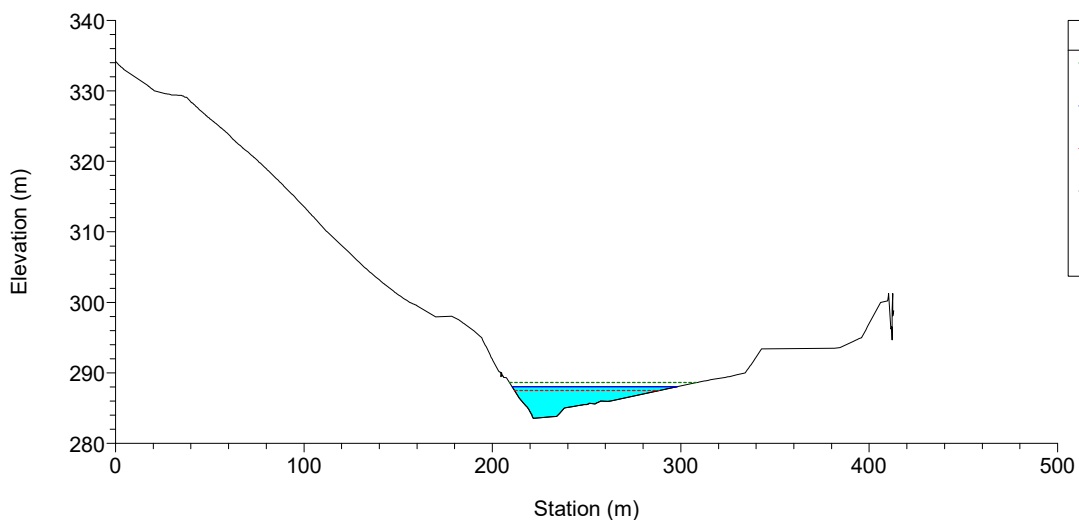
WS Tr=50

Ground

Bank Sta

ANTE OPERAM

RS = 275



Legend

EG Tr=50

WS Tr=50

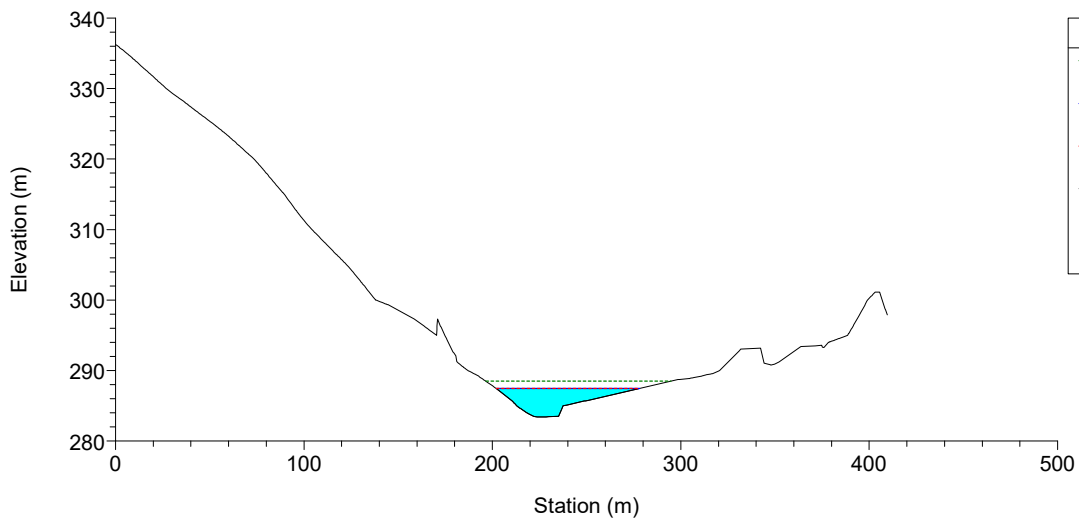
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Ground

Bank Sta

ANTE OPERAM

RS = 274



Legend

EG Tr=50

WS Tr=50

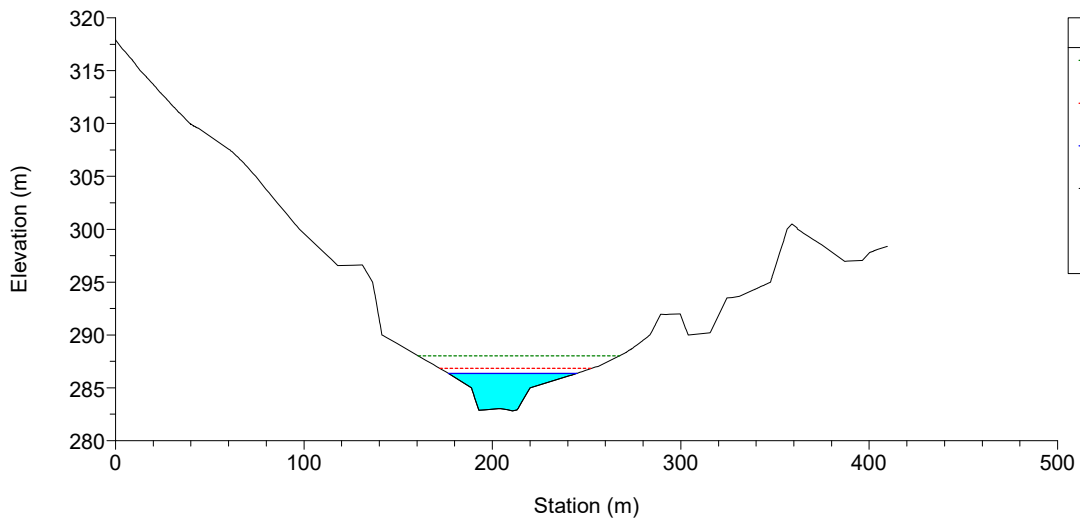
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Ground

Bank Sta

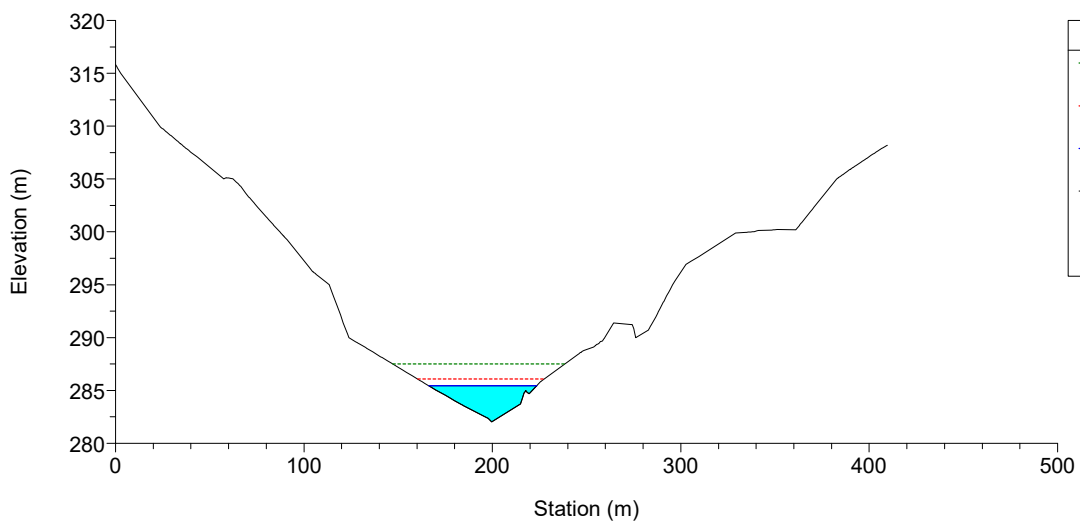
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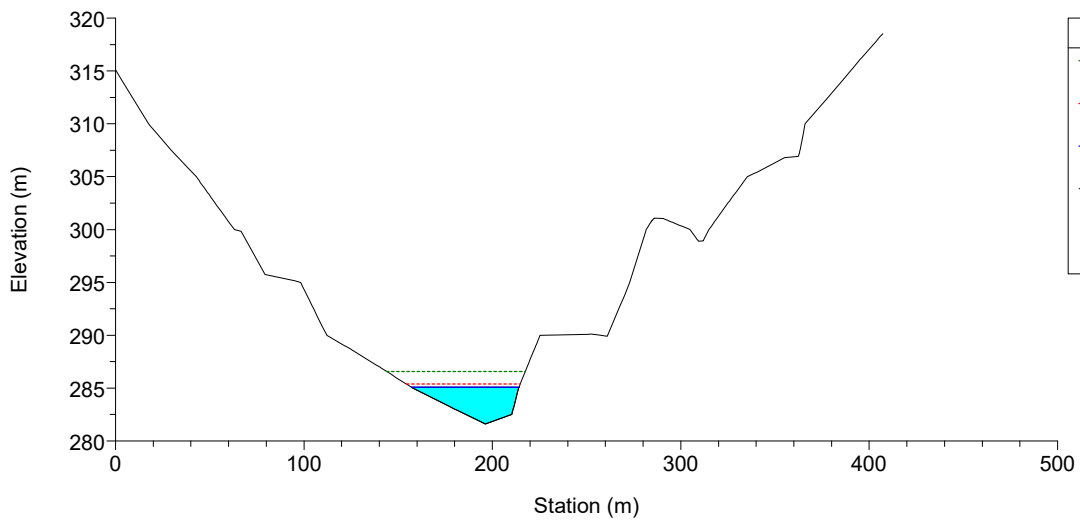
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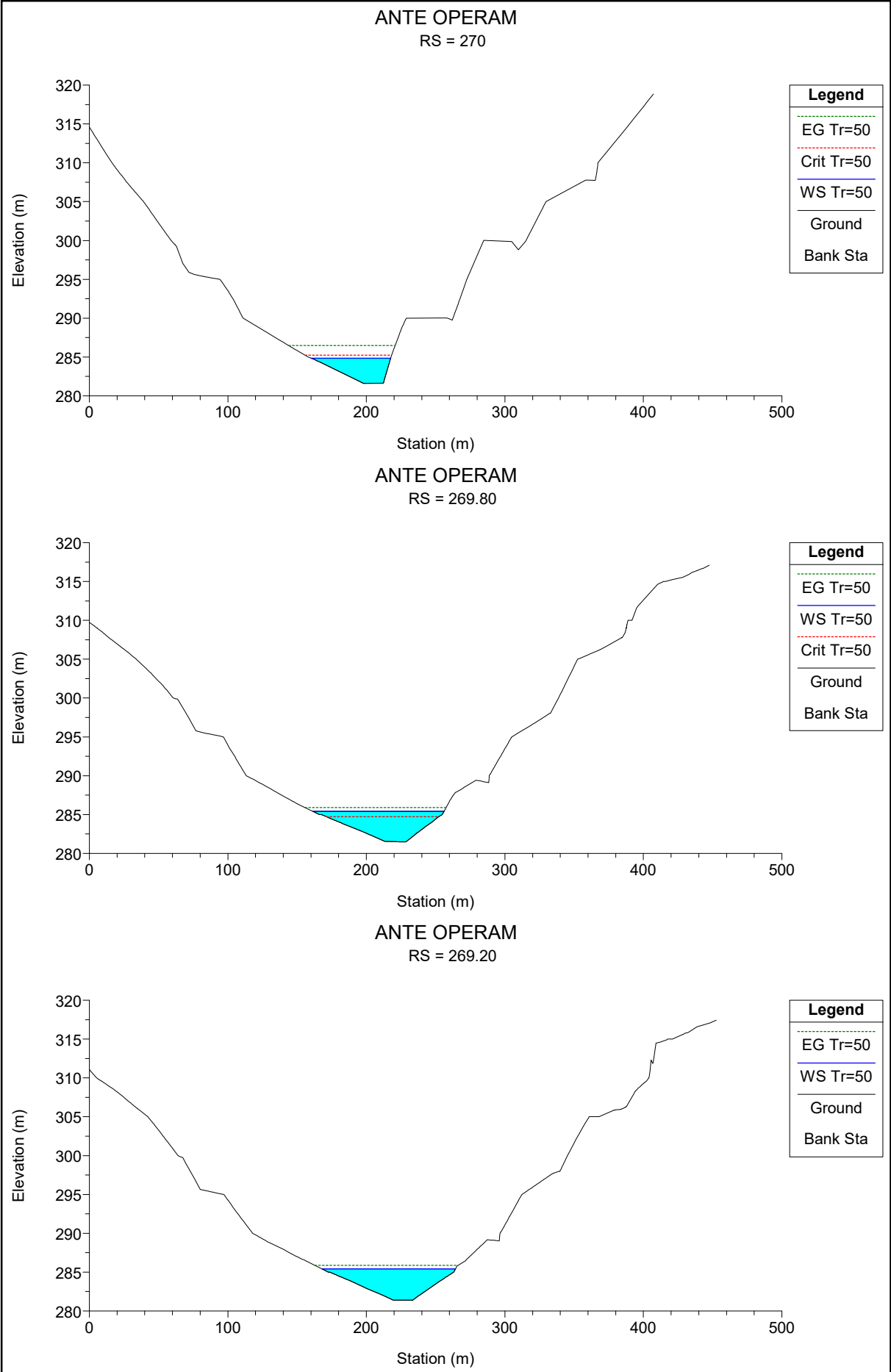
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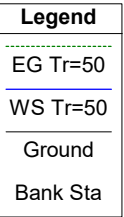
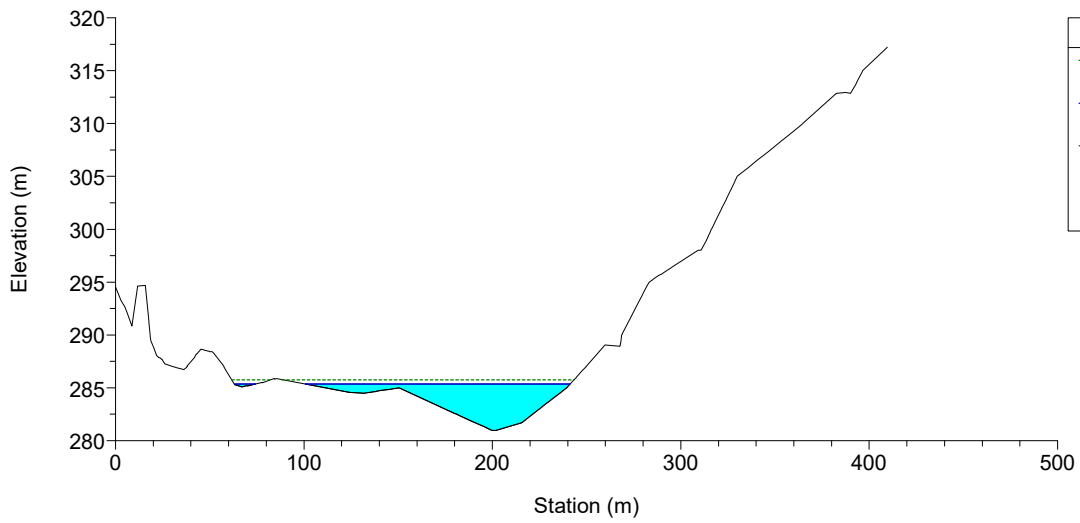
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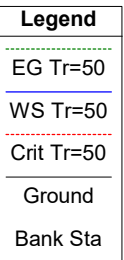
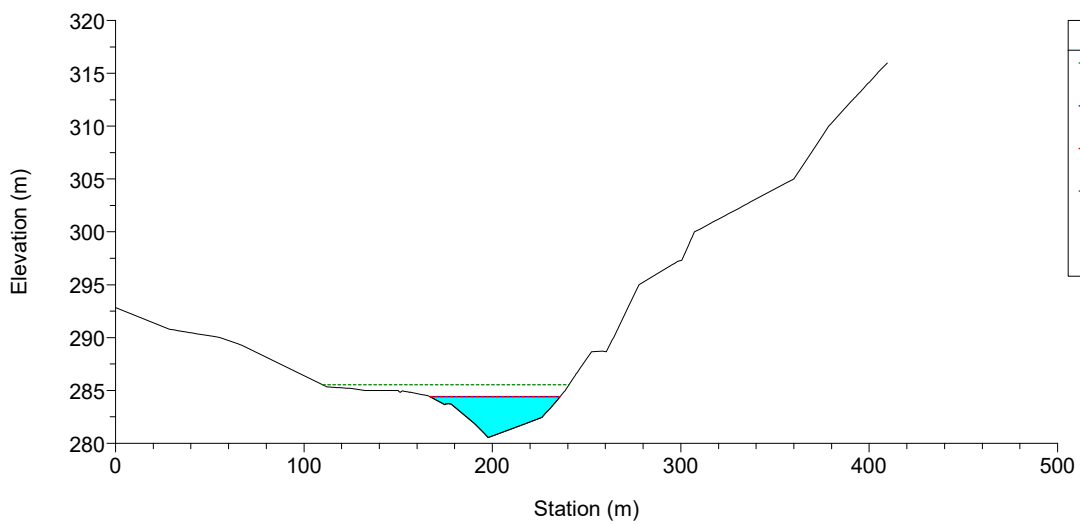
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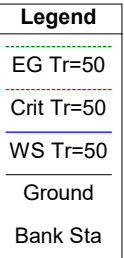
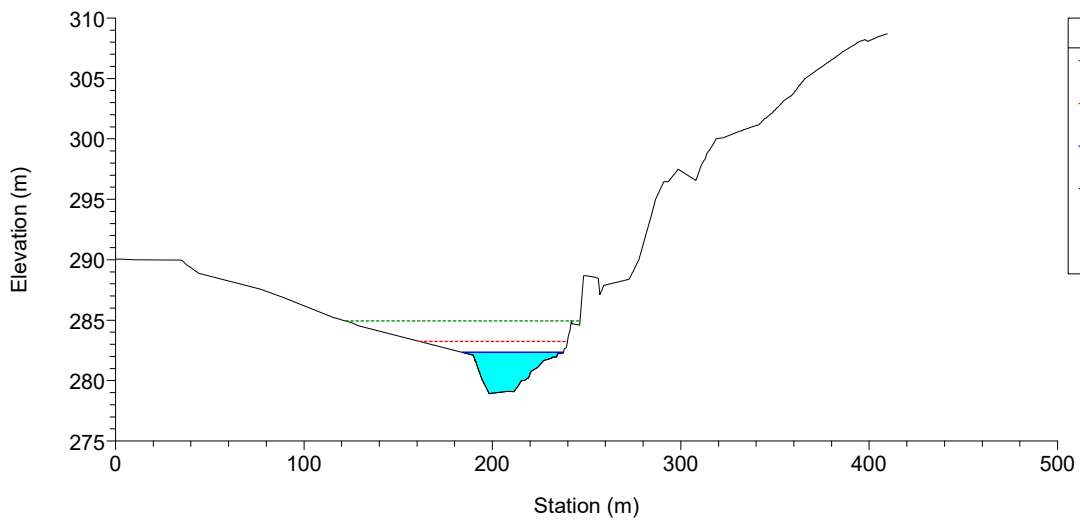
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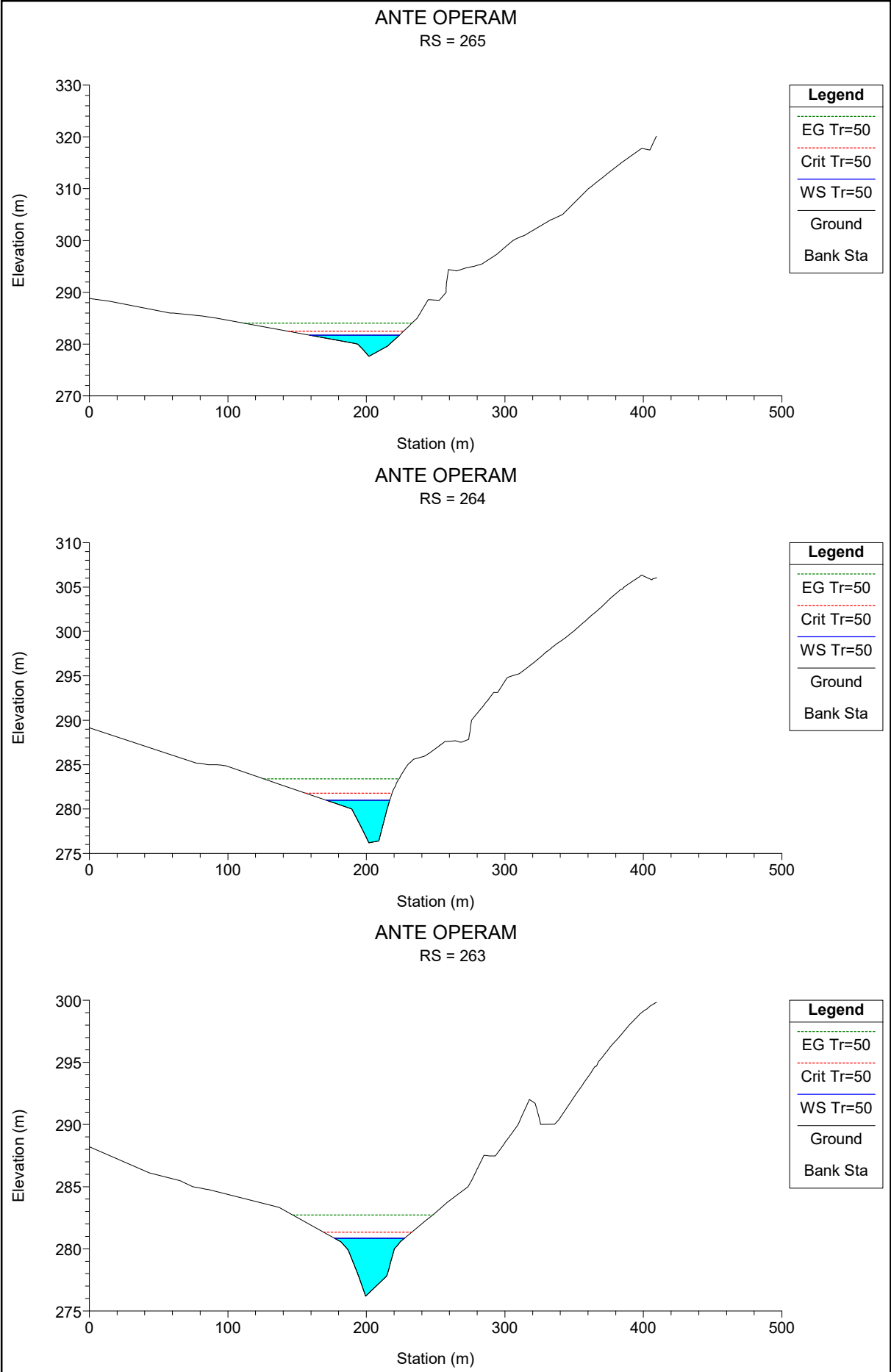
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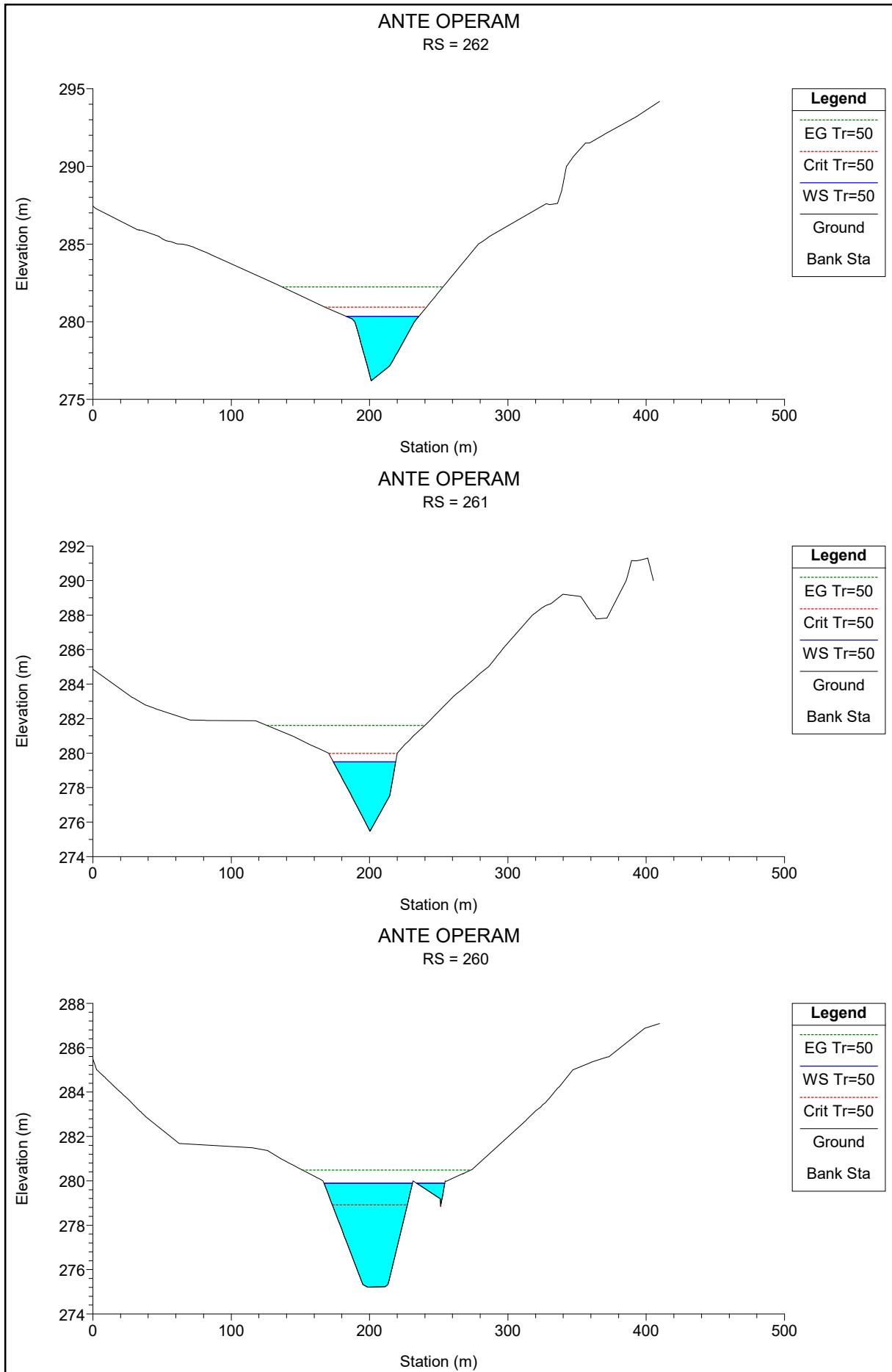


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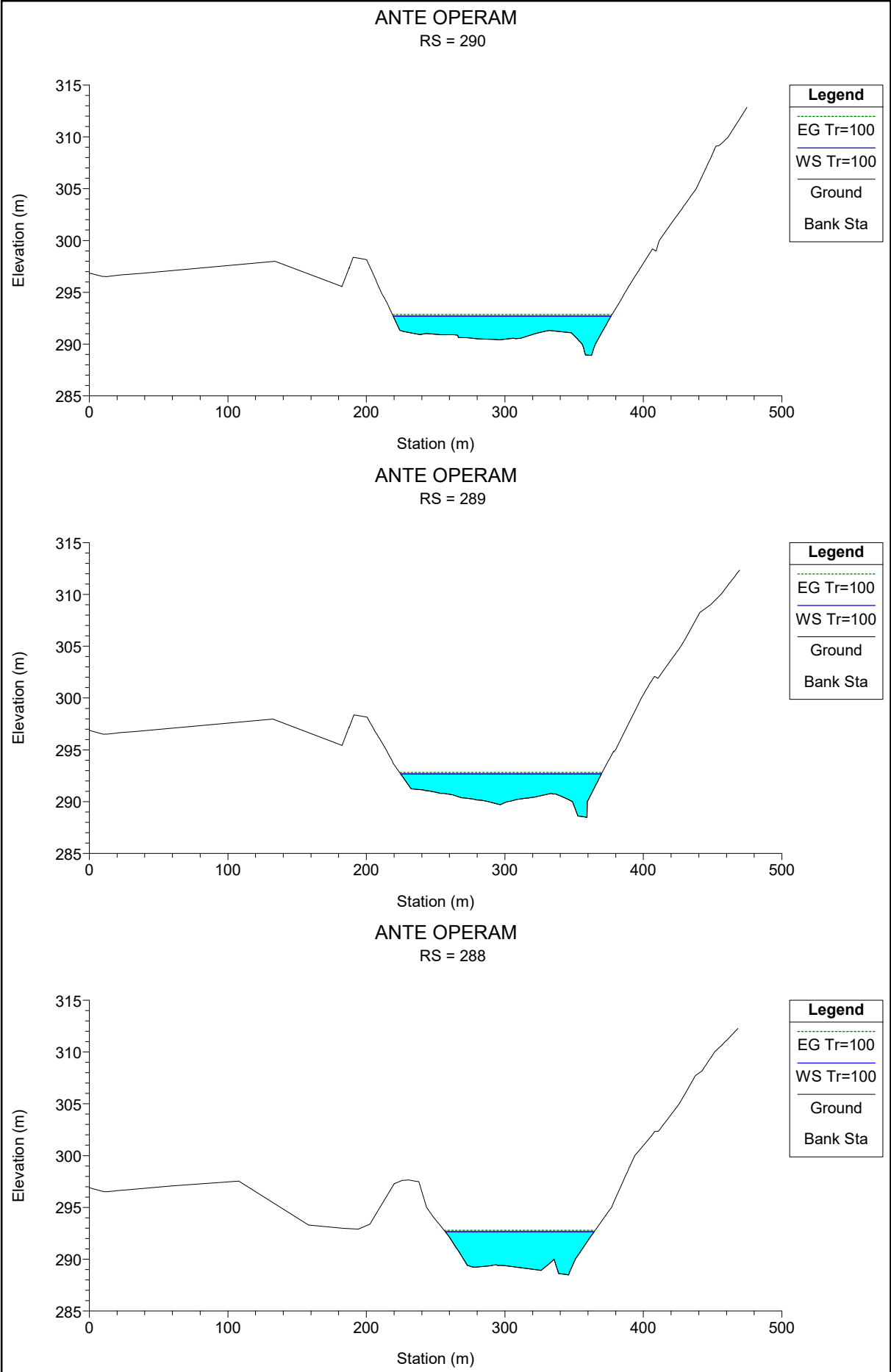
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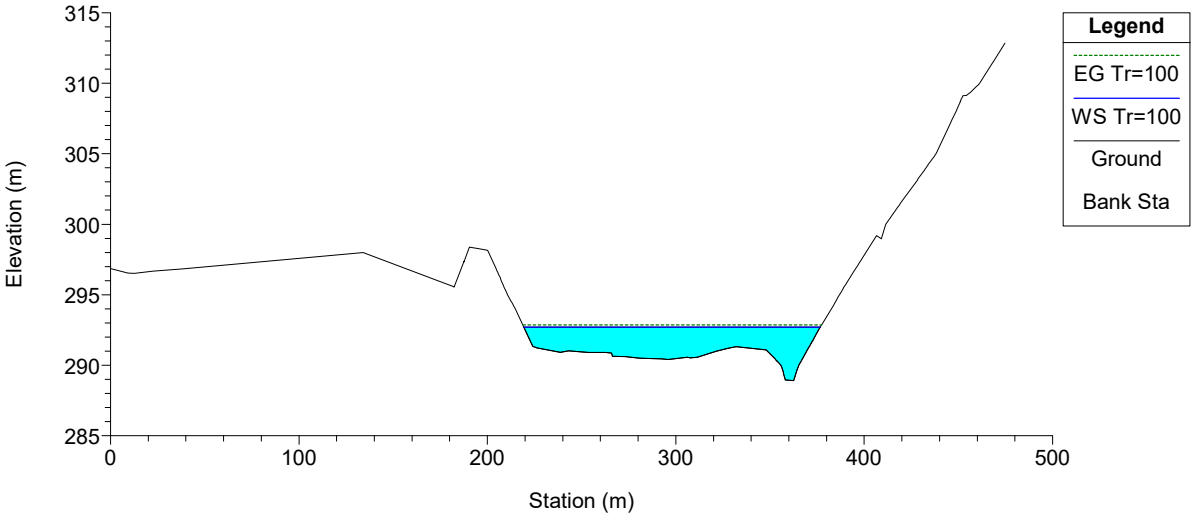




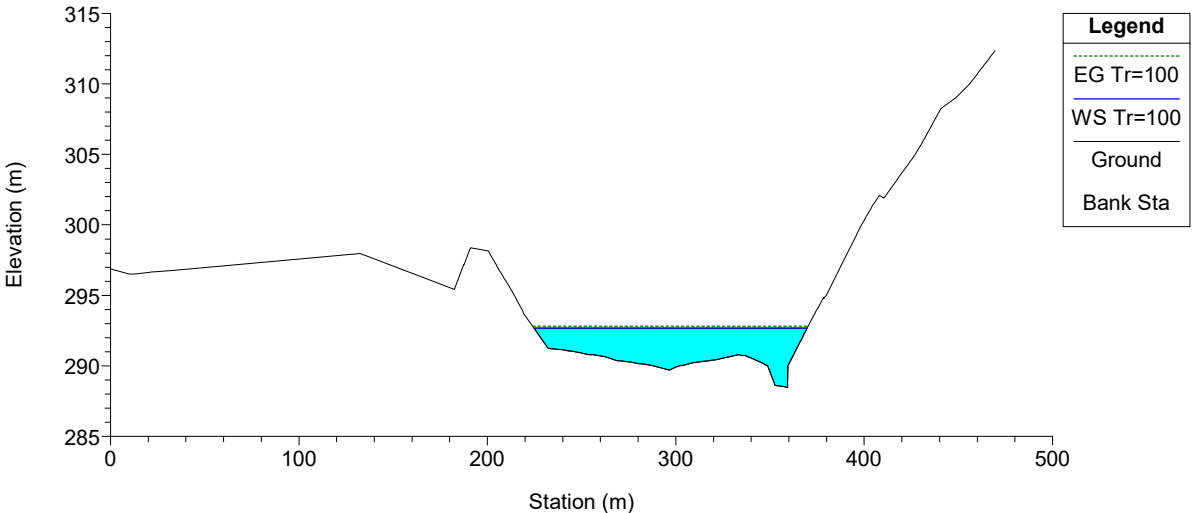
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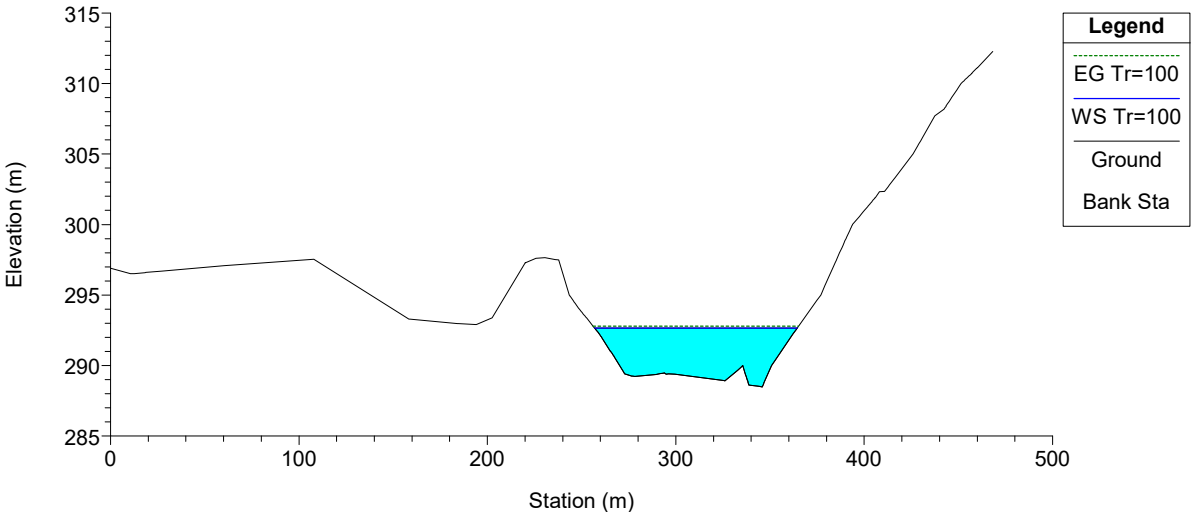
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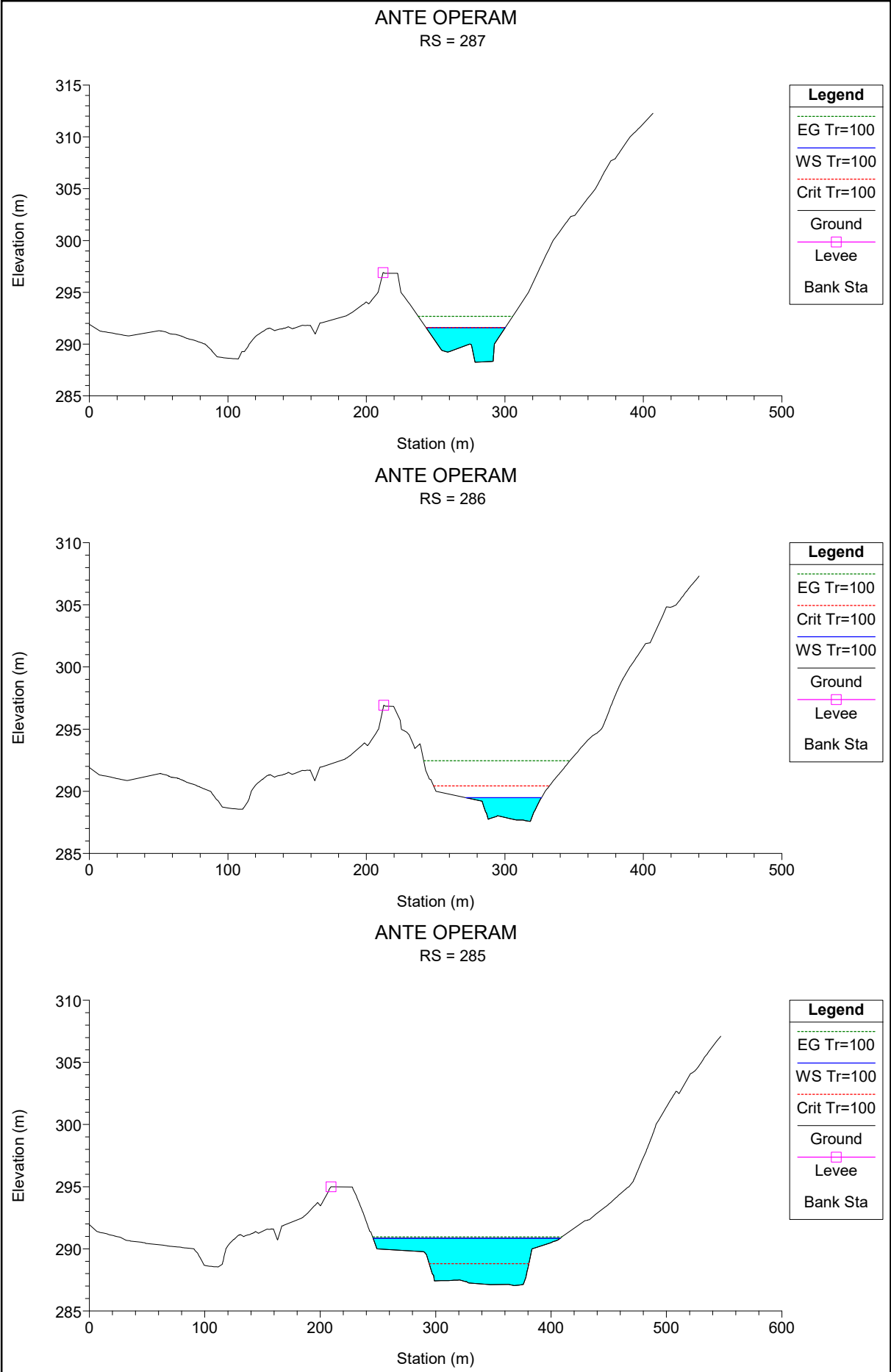


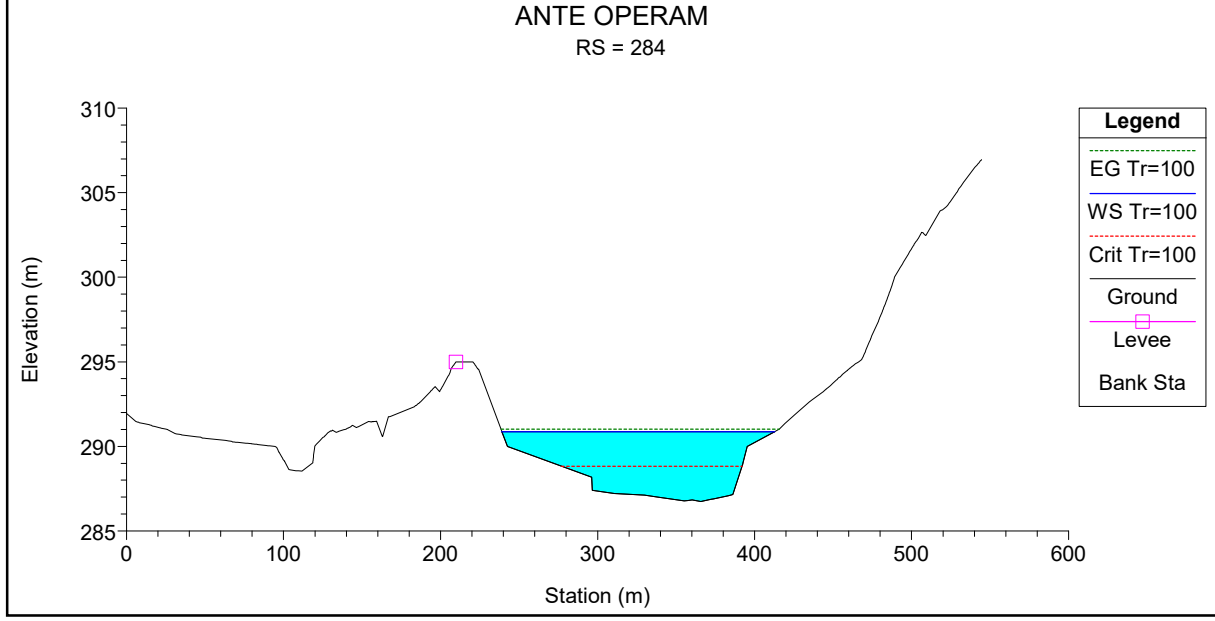
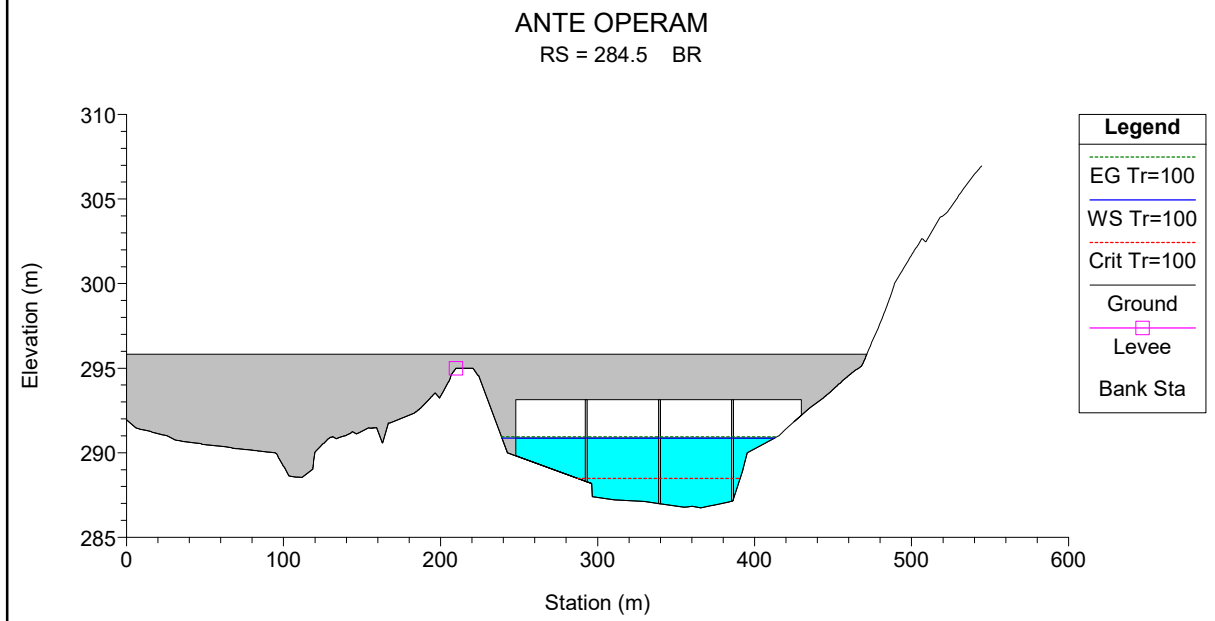
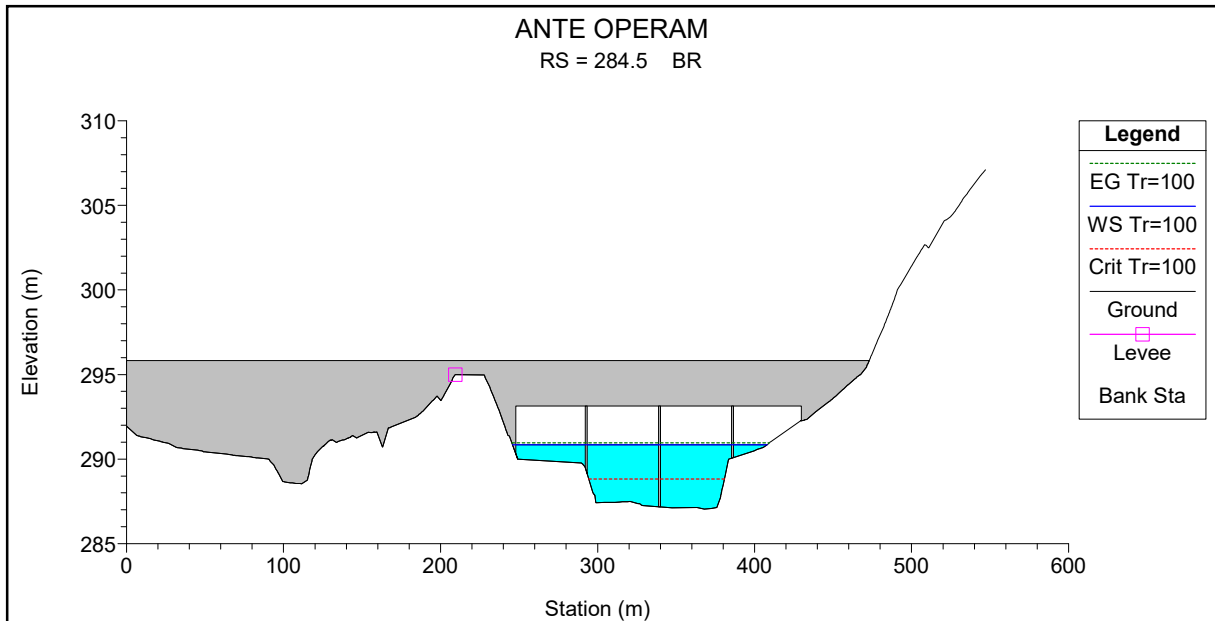
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ANTE OPERAM
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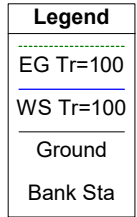
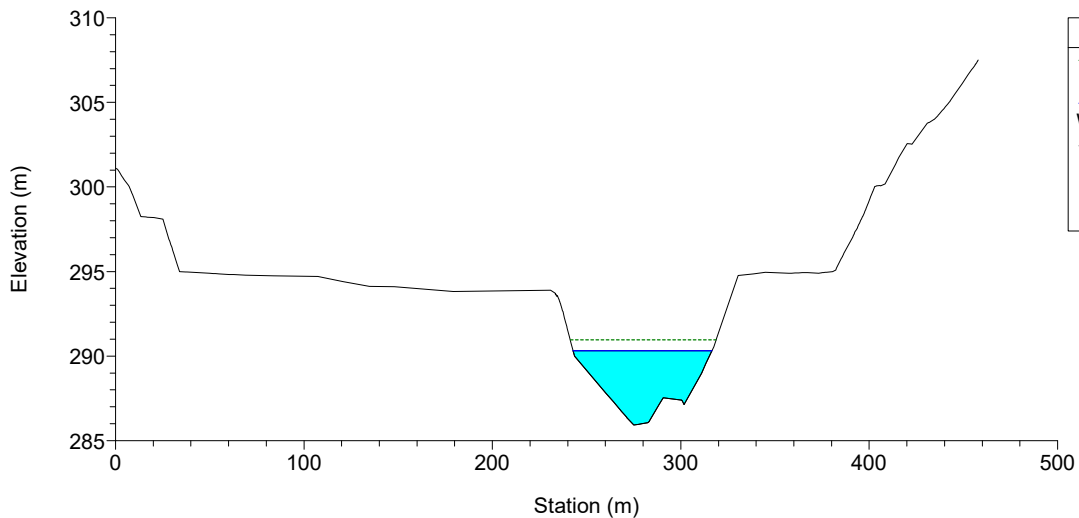






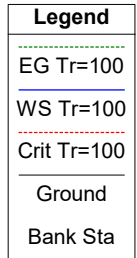
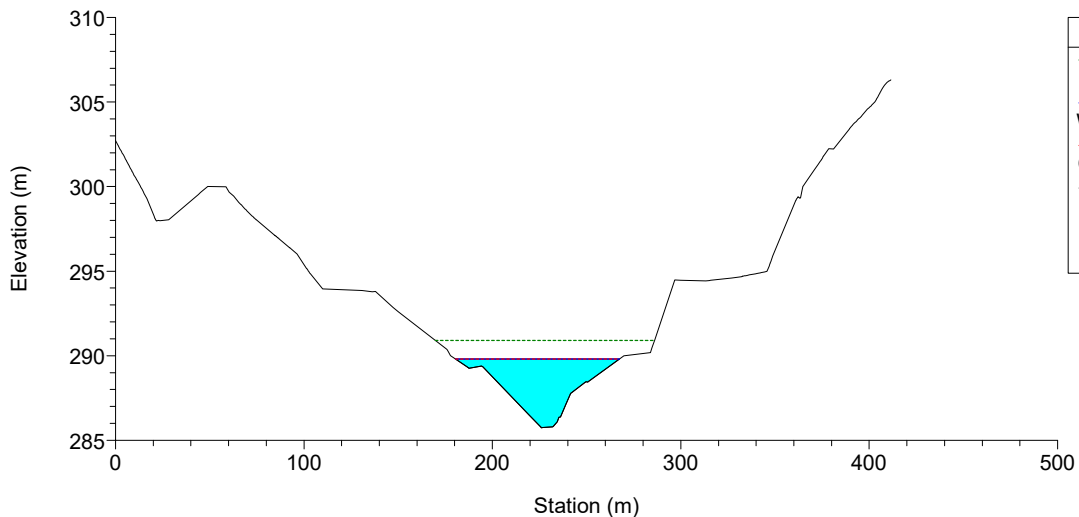
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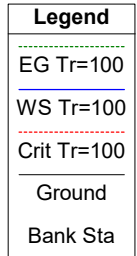
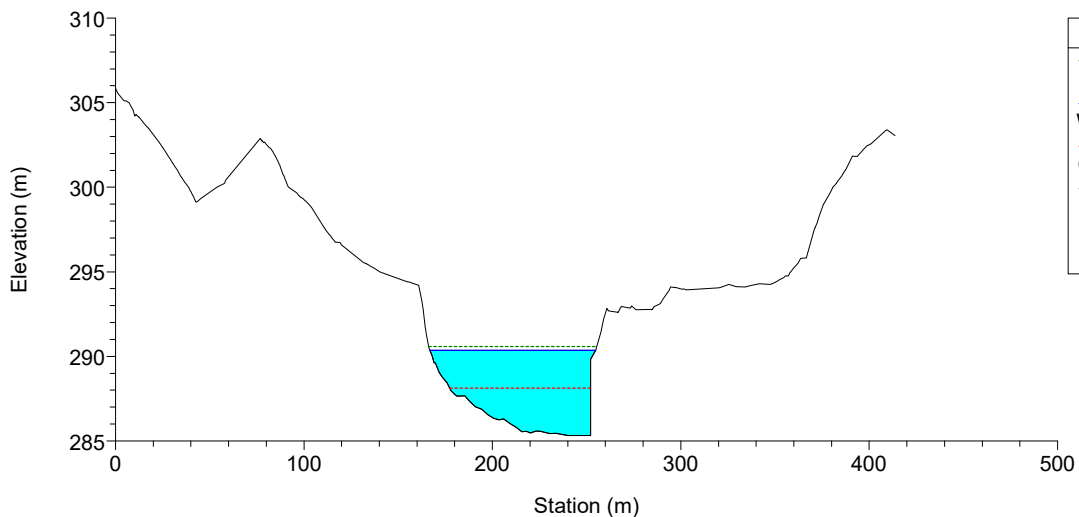
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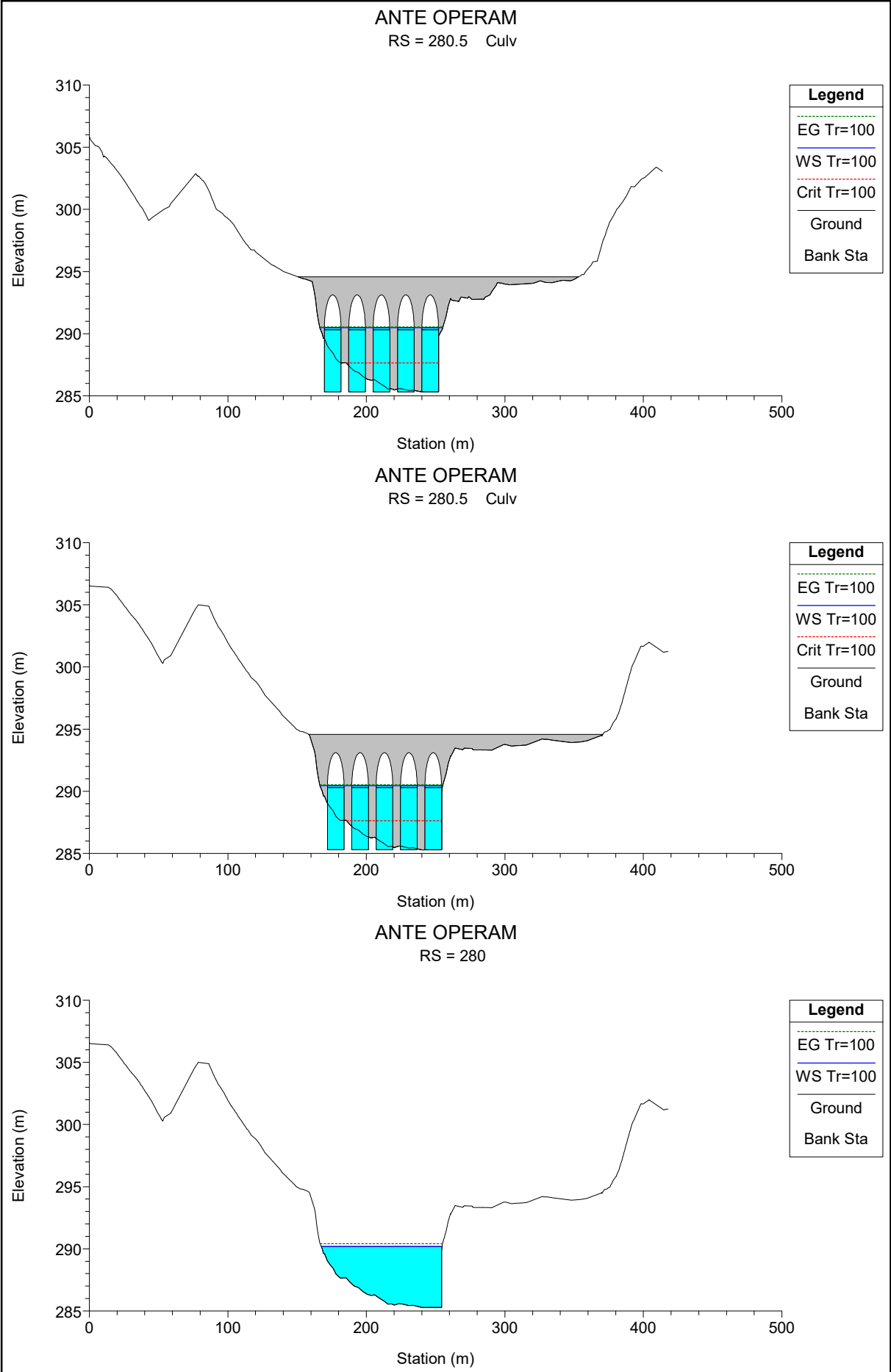
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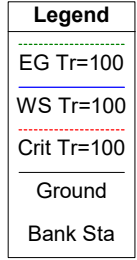
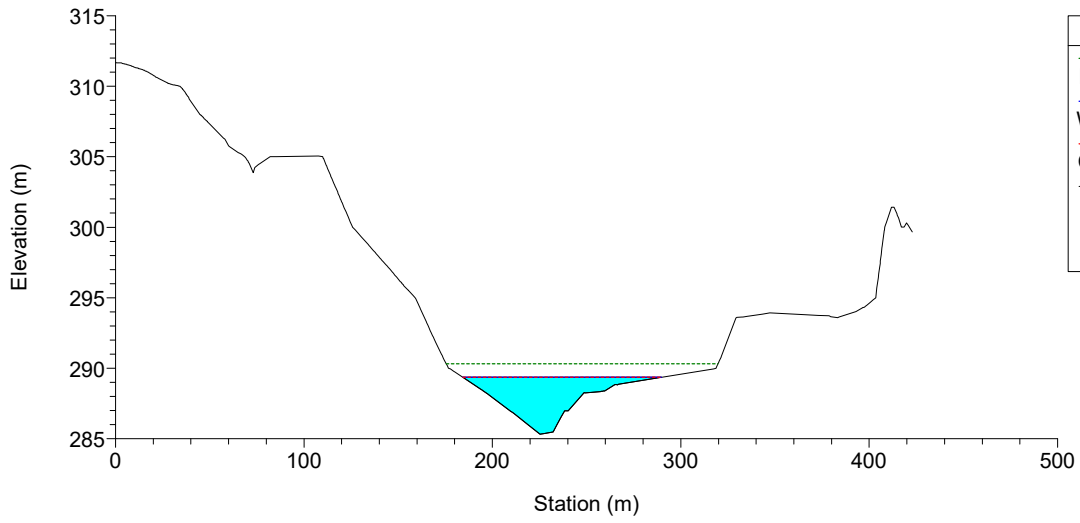
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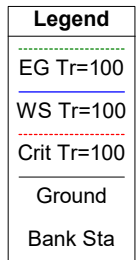
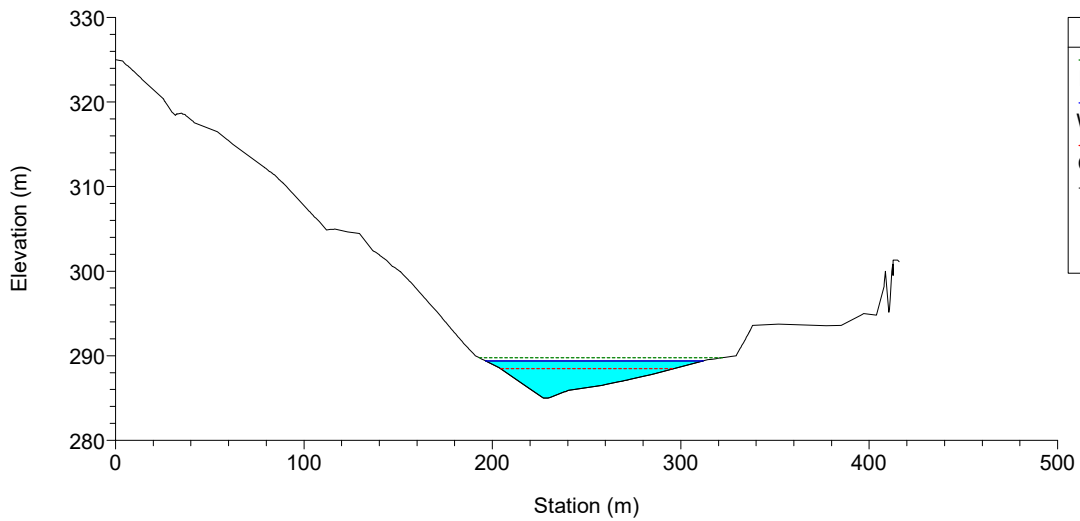
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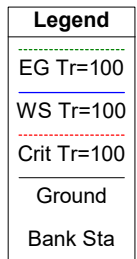
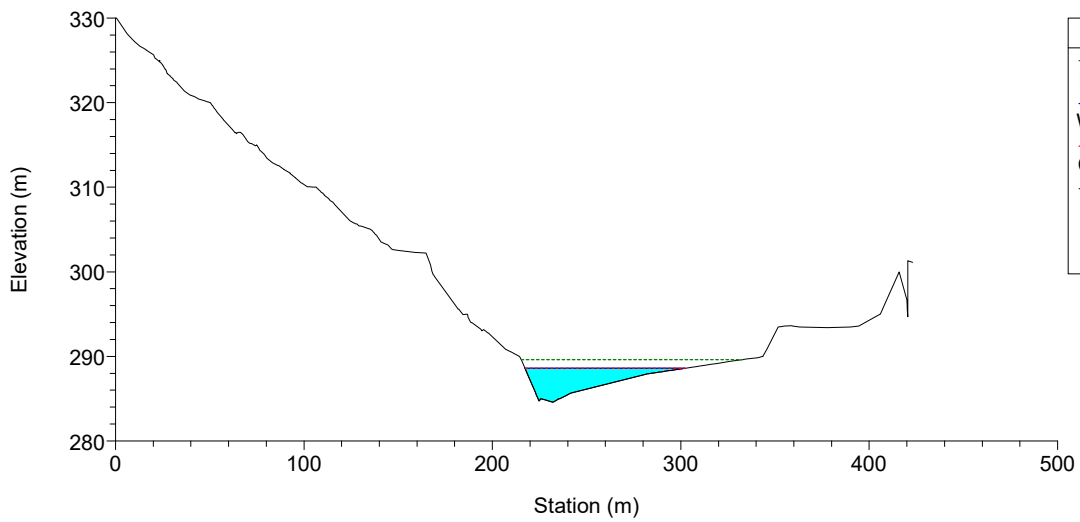
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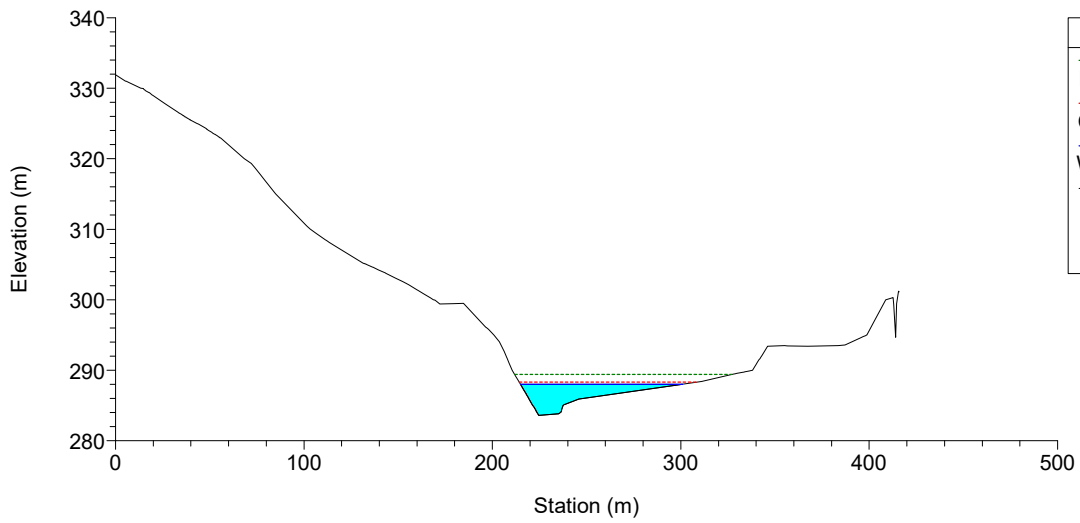
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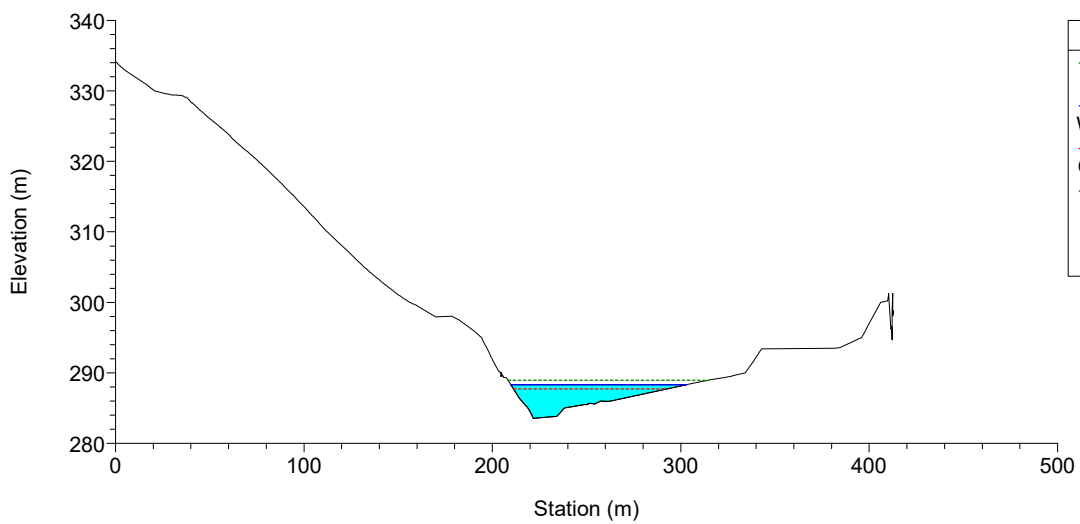
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Legend
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Crit Tr=100
WS Tr=100
Ground
Bank Sta

ANTE OPERAM

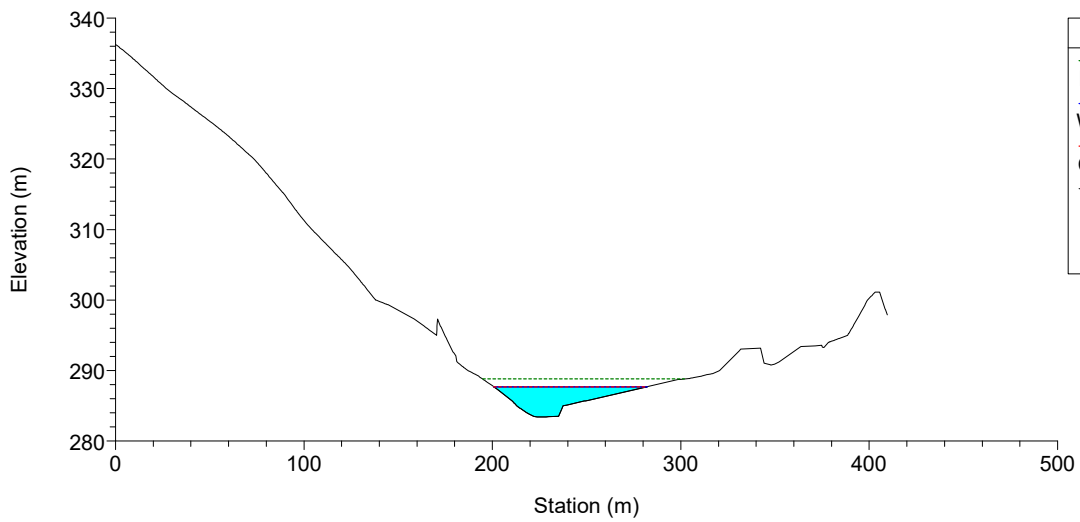
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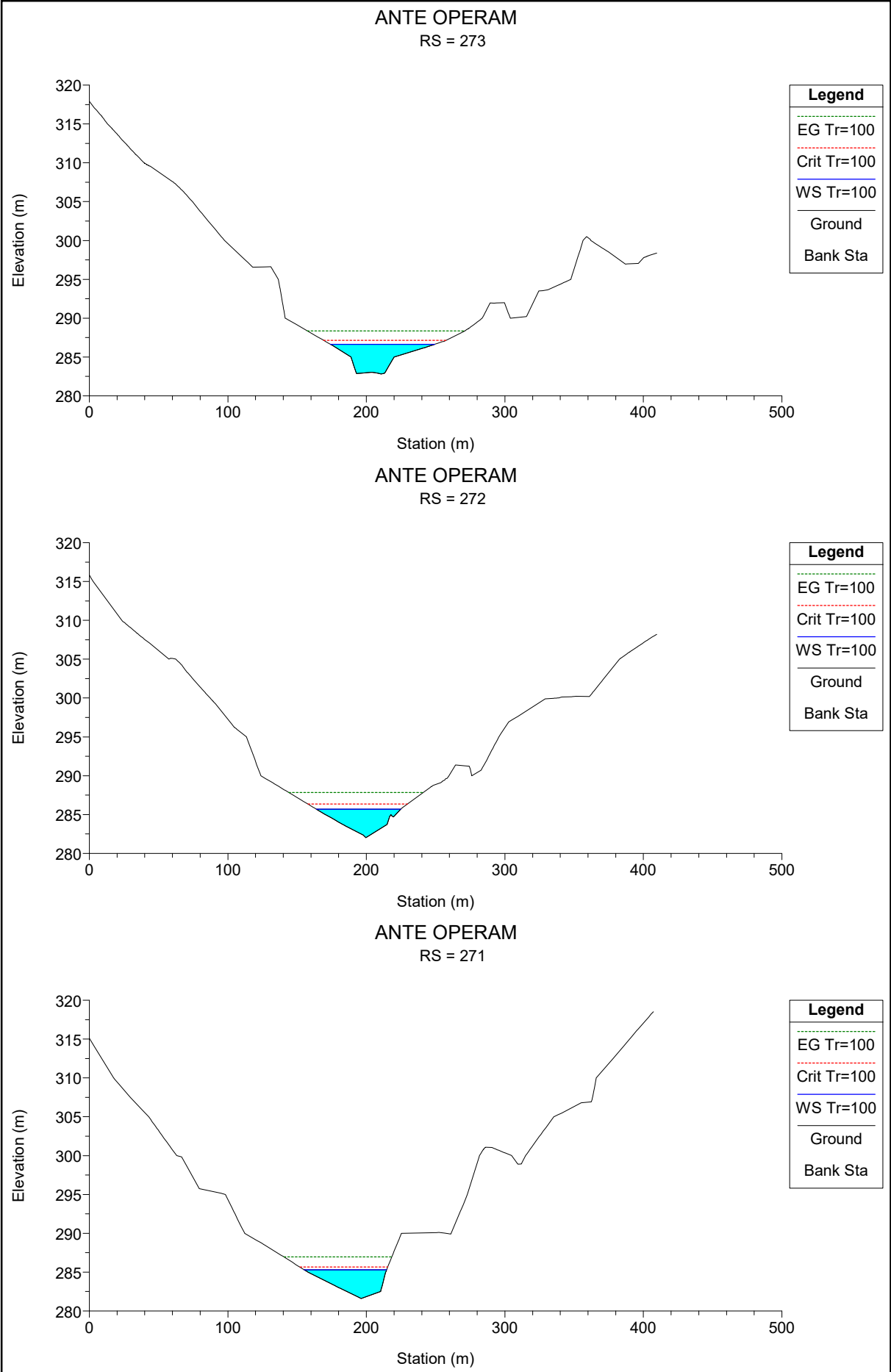
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Ground
Bank Sta

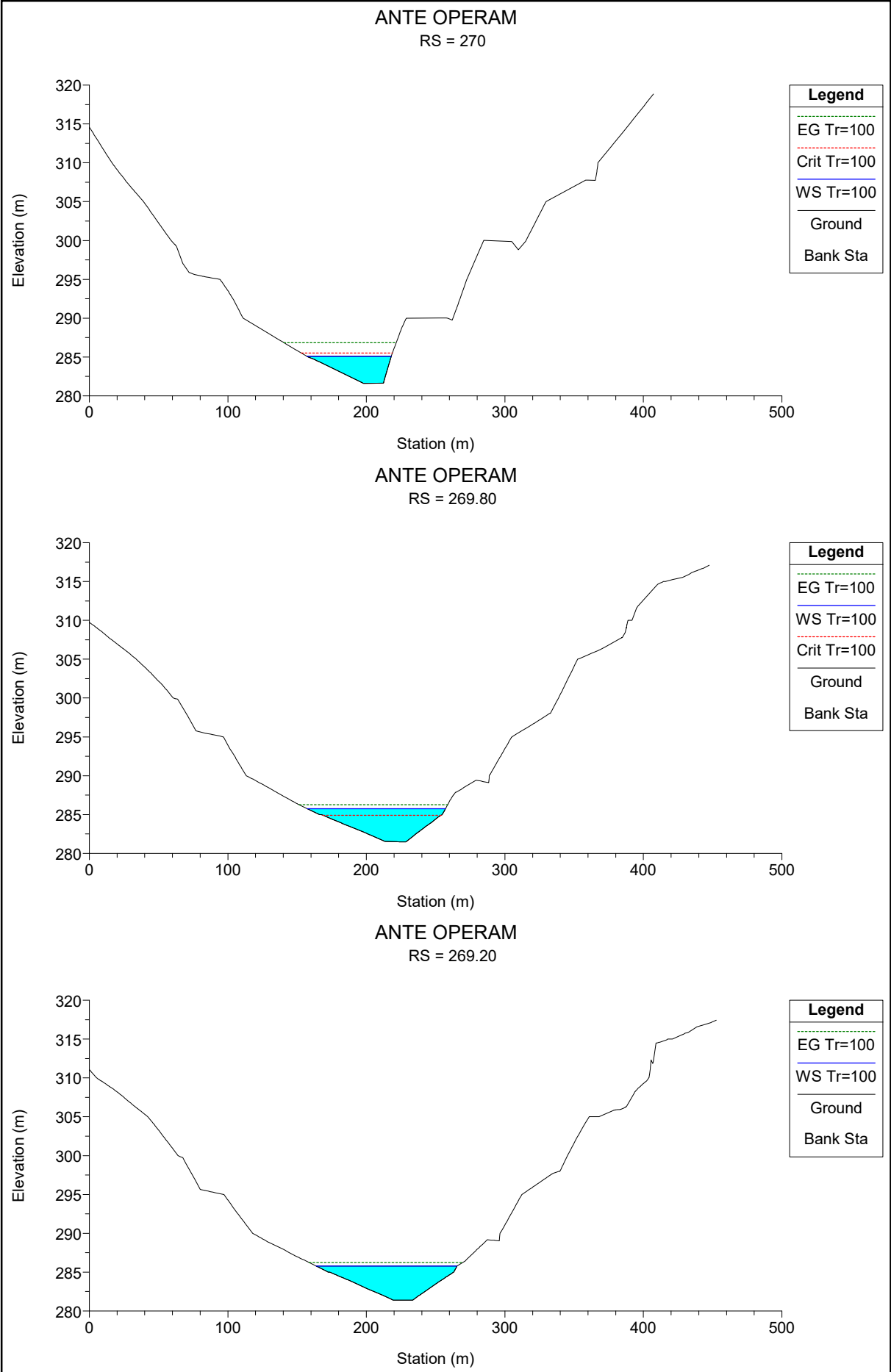
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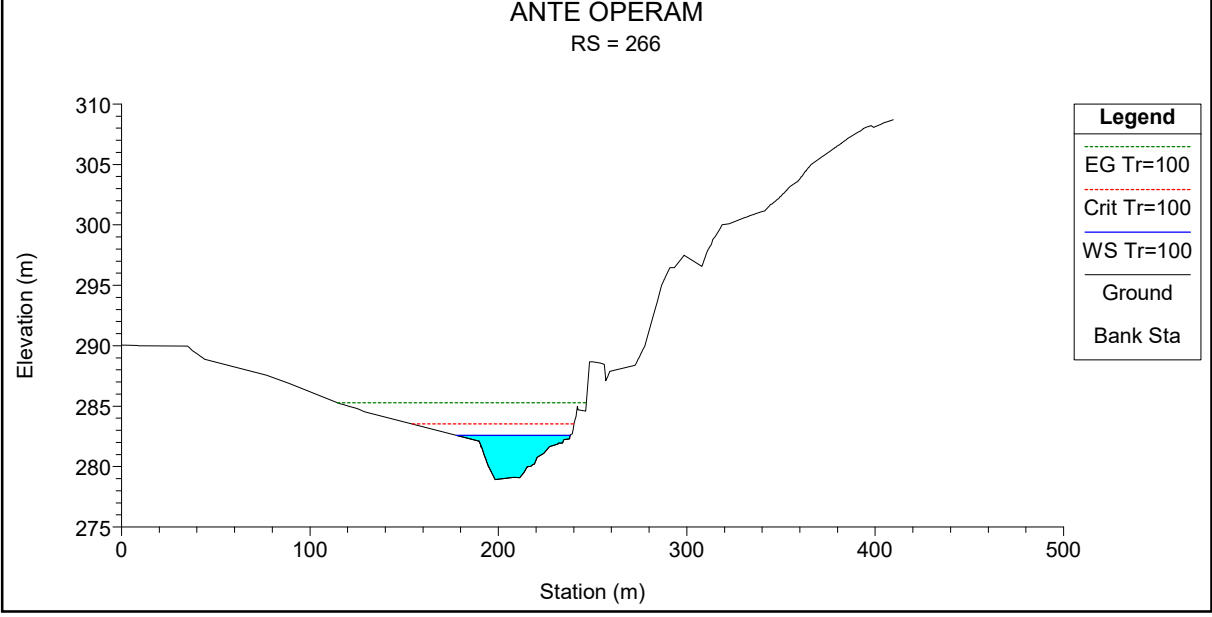
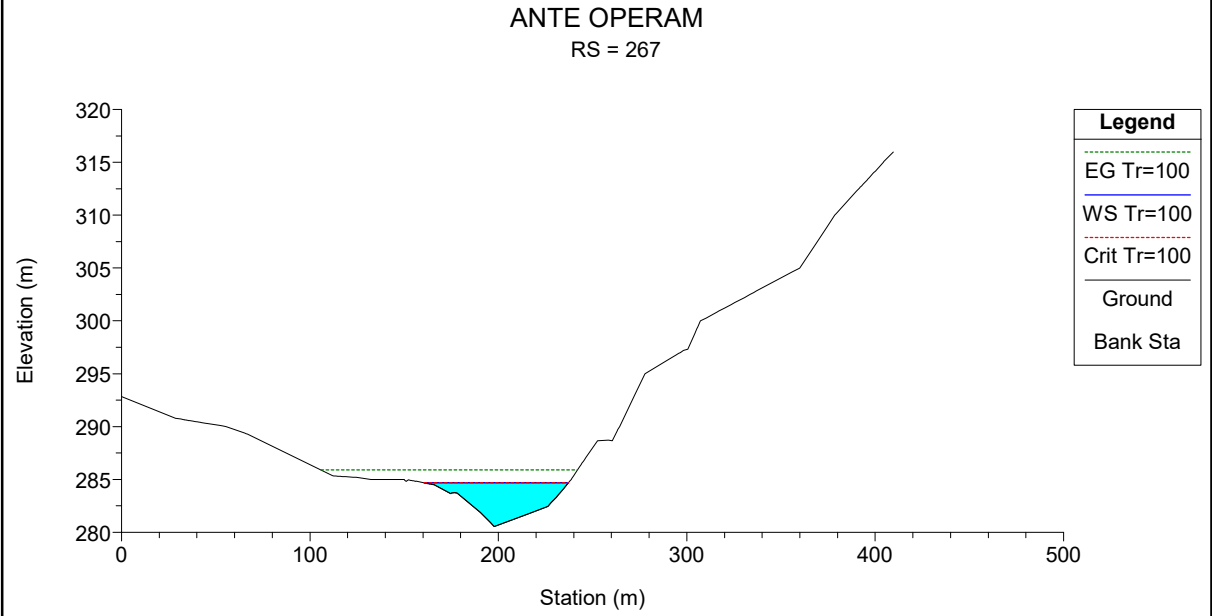
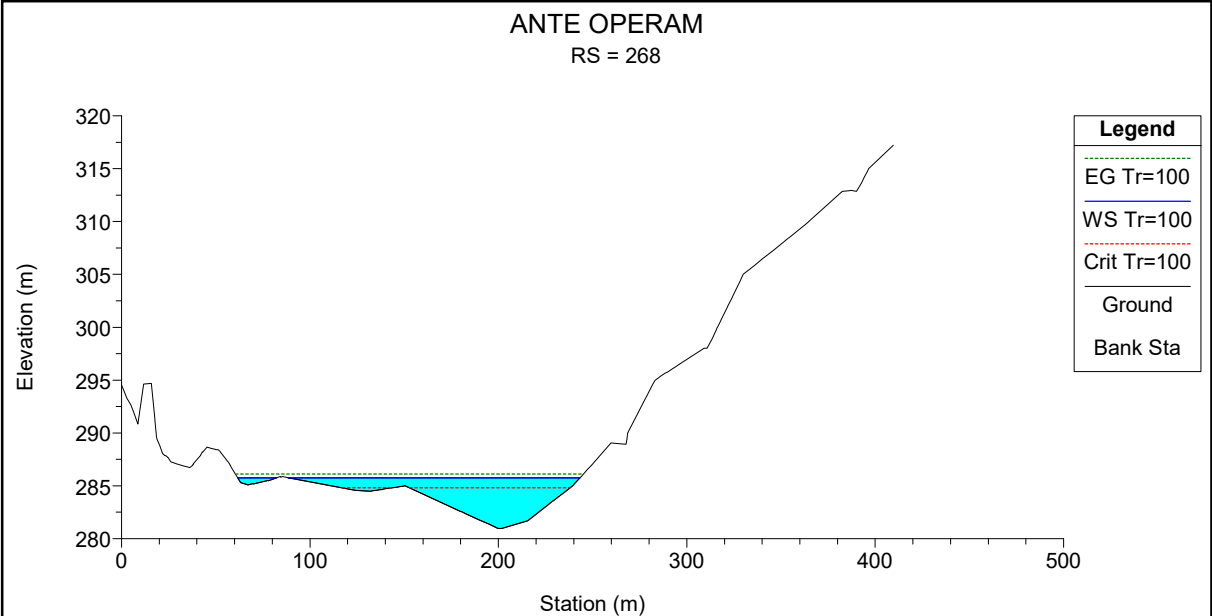
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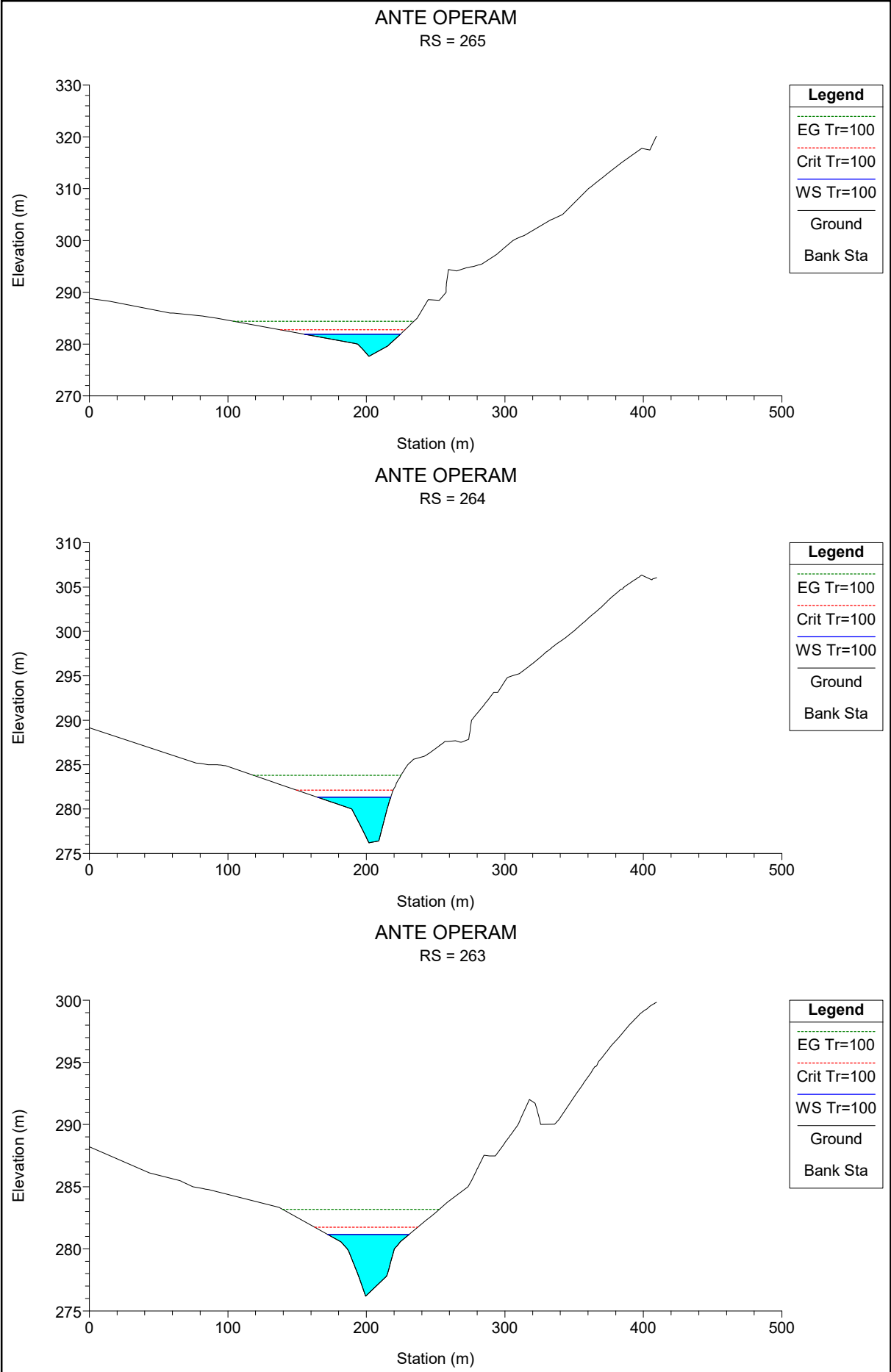


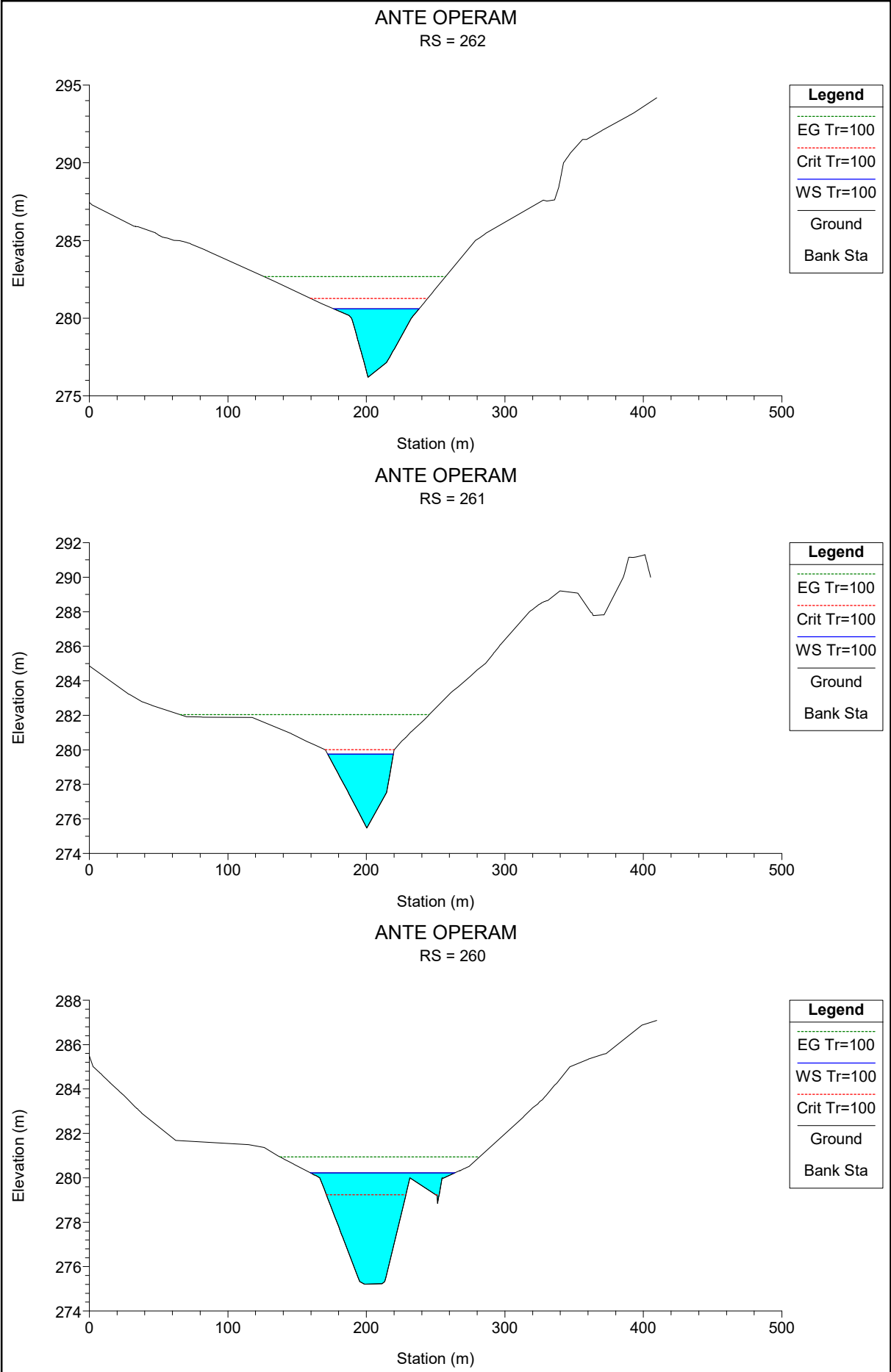
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Ground
Bank Sta



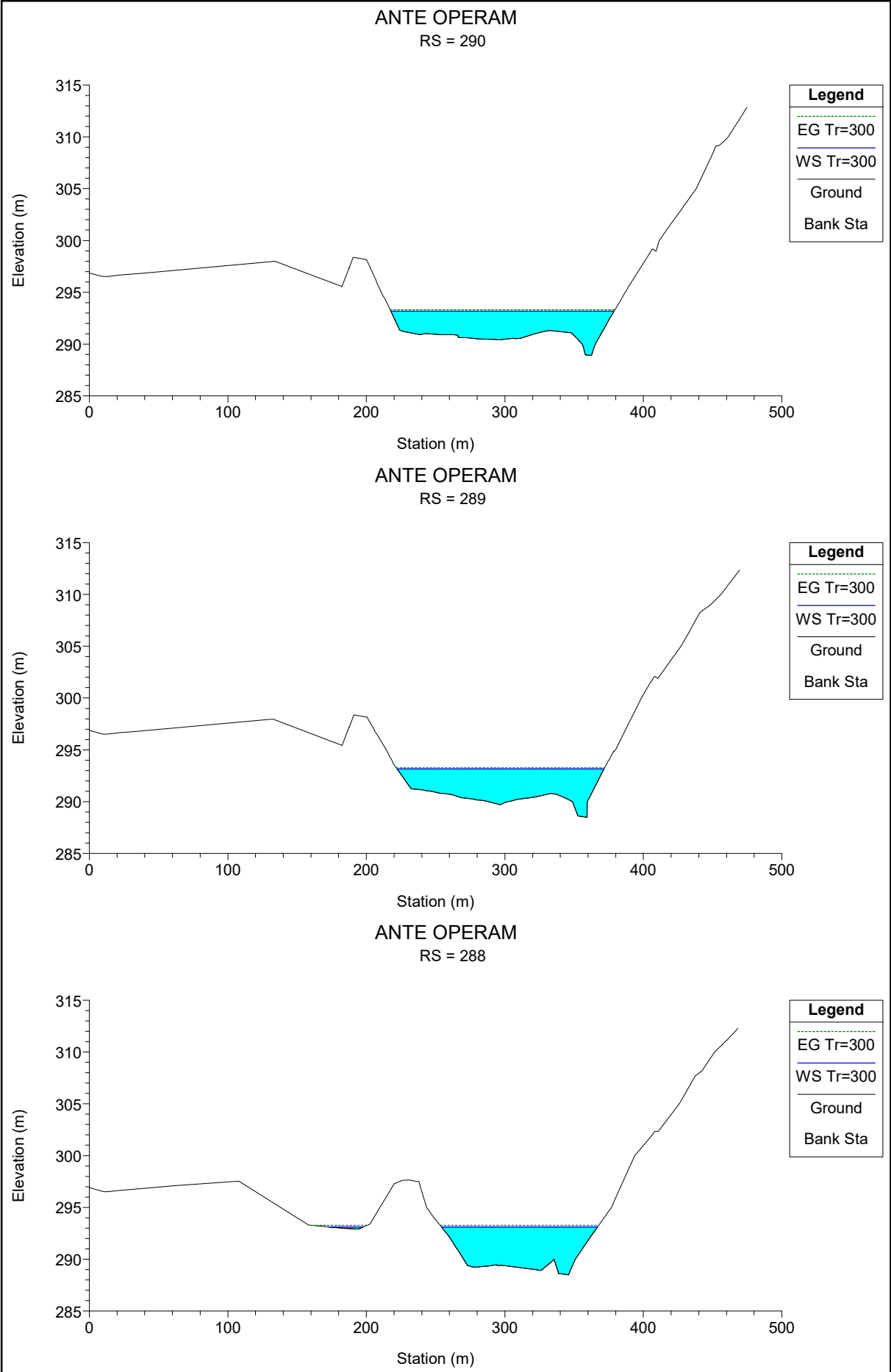


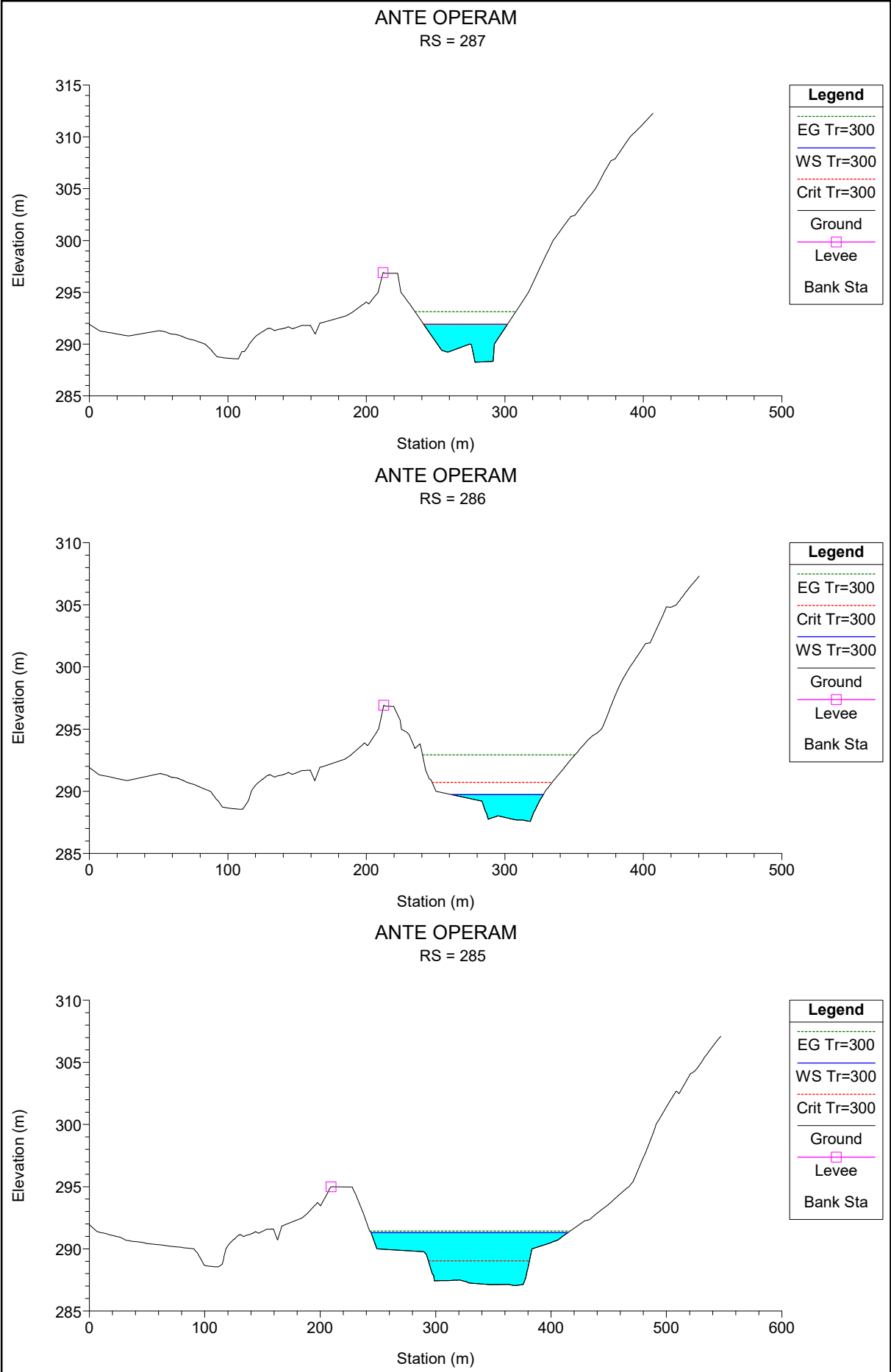


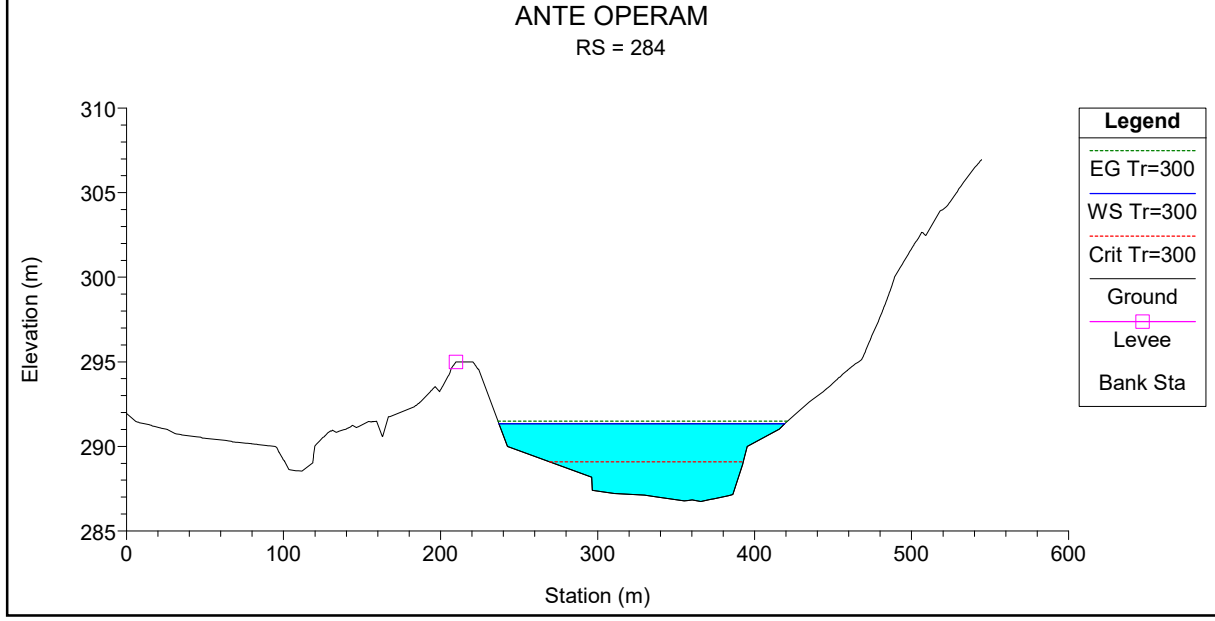
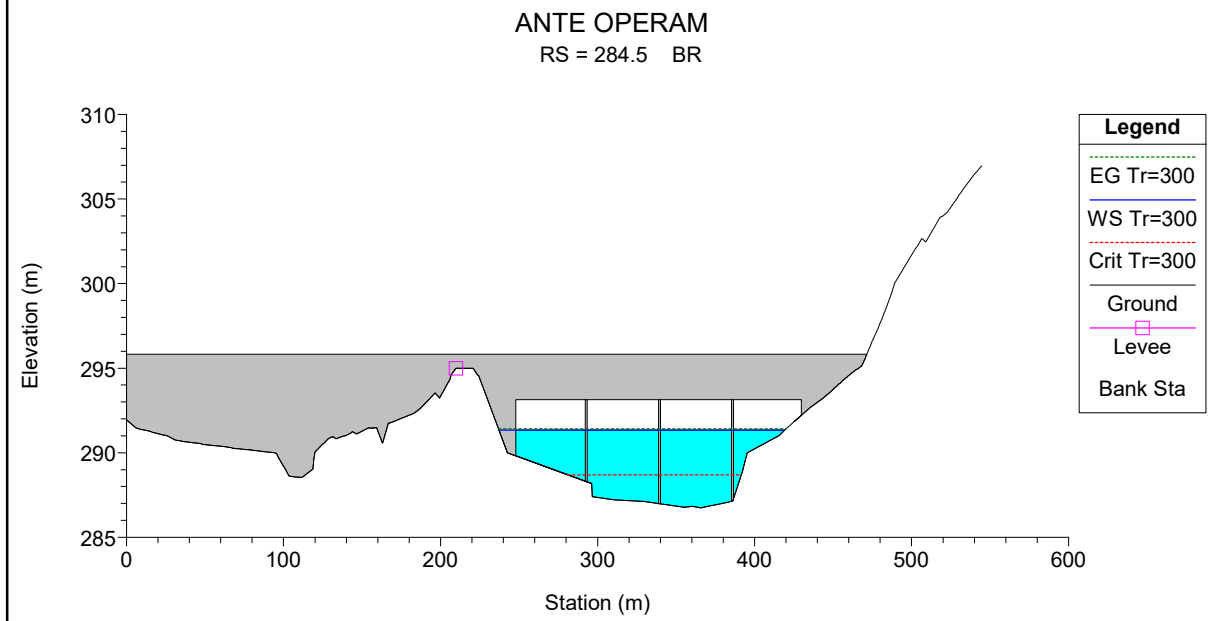
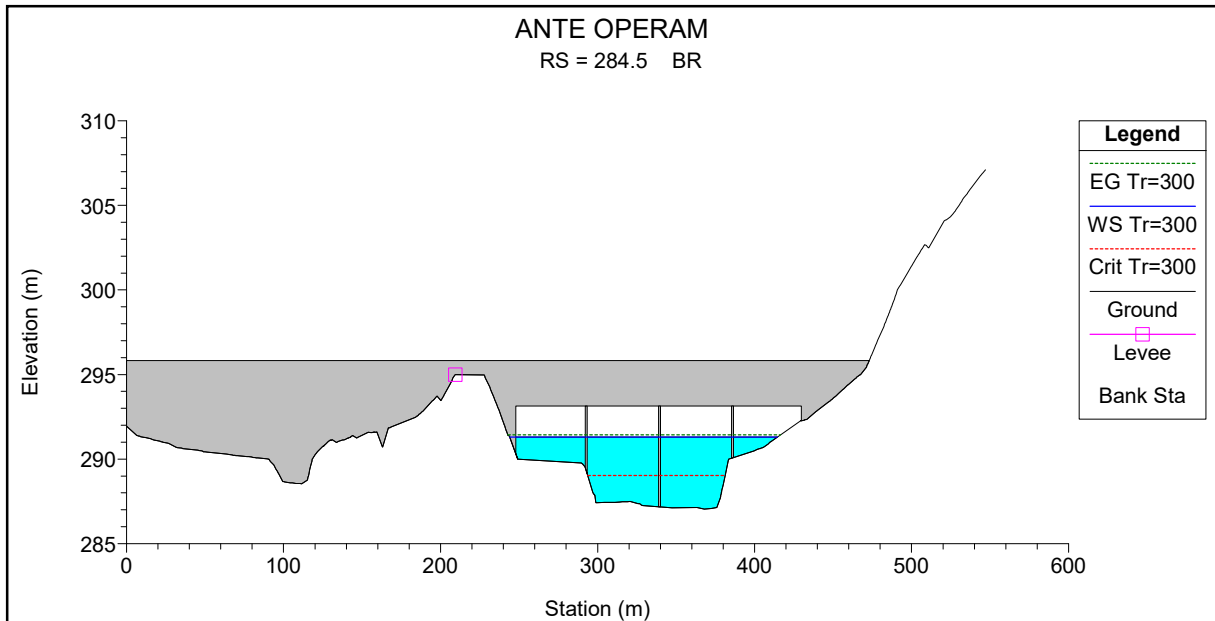


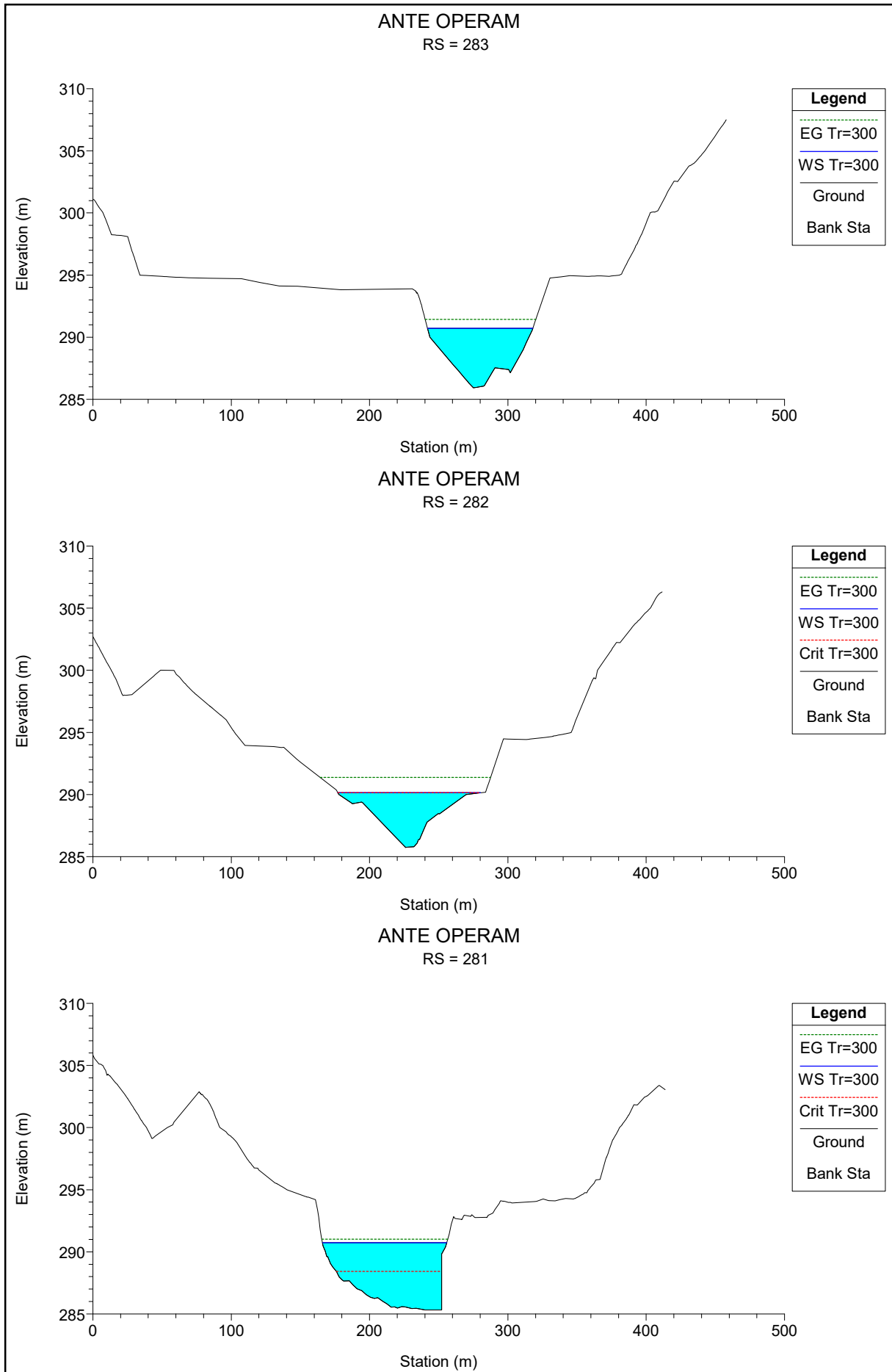


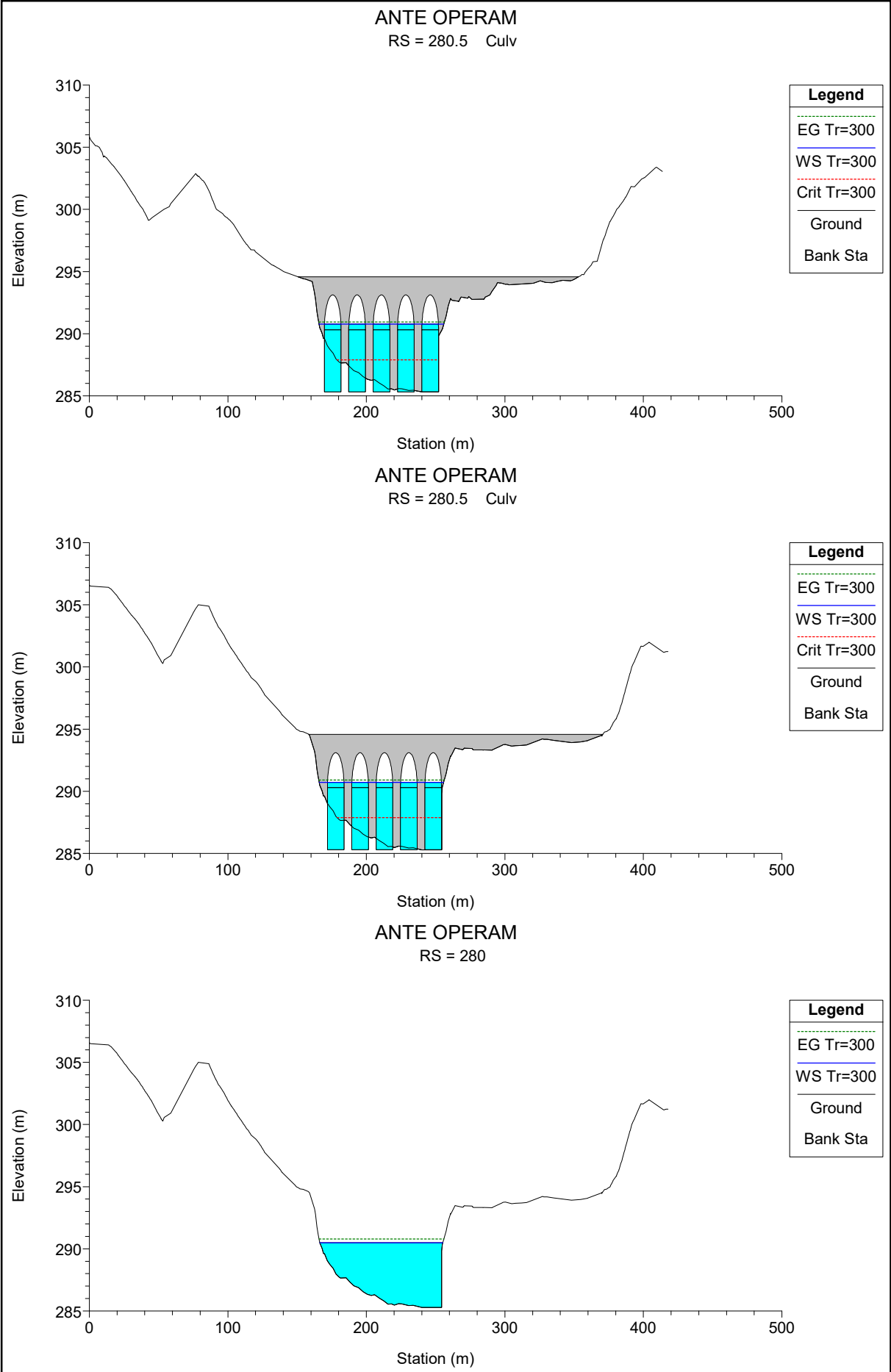
SEZIONI IDRAULICHE ANTE OPERAM
TR 300 ANNI





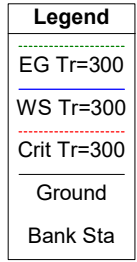
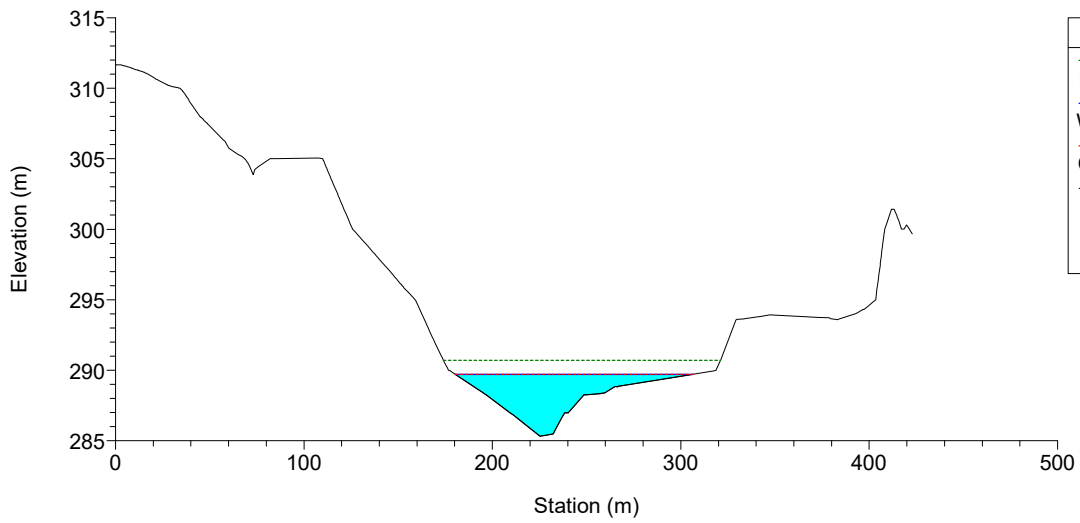






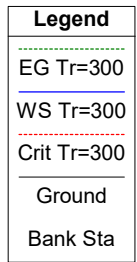
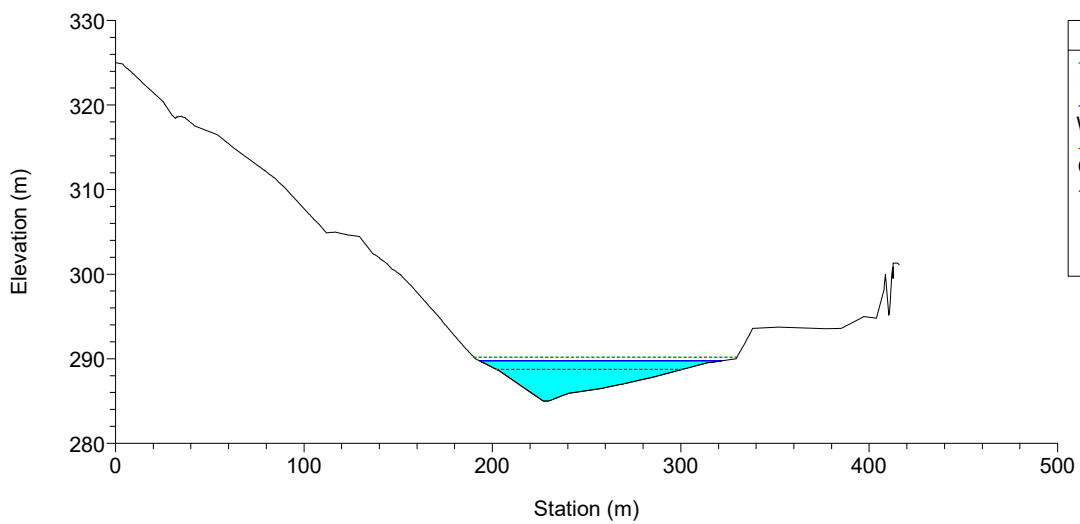
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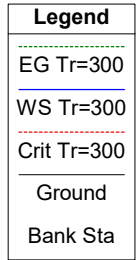
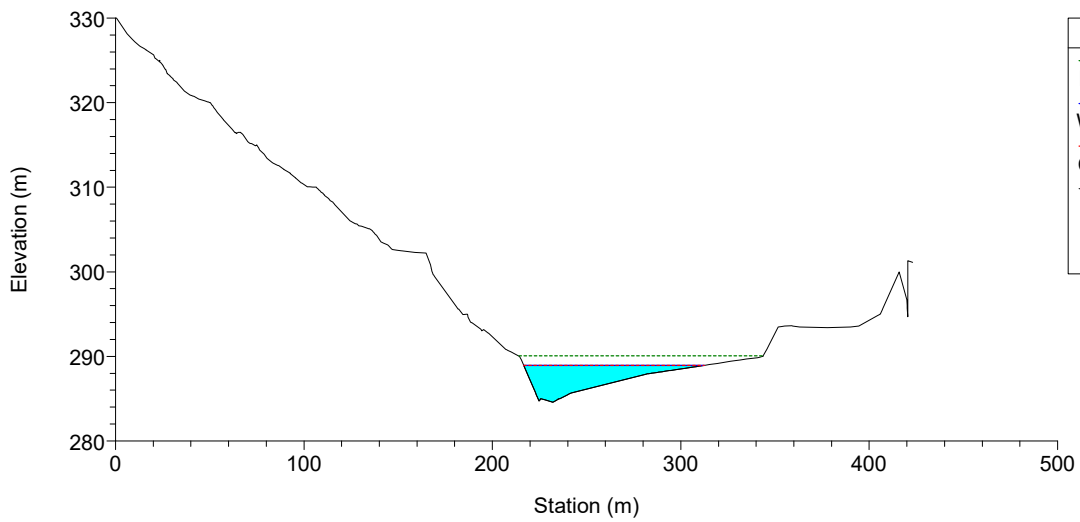
ANTE OPERAM

RS = 278



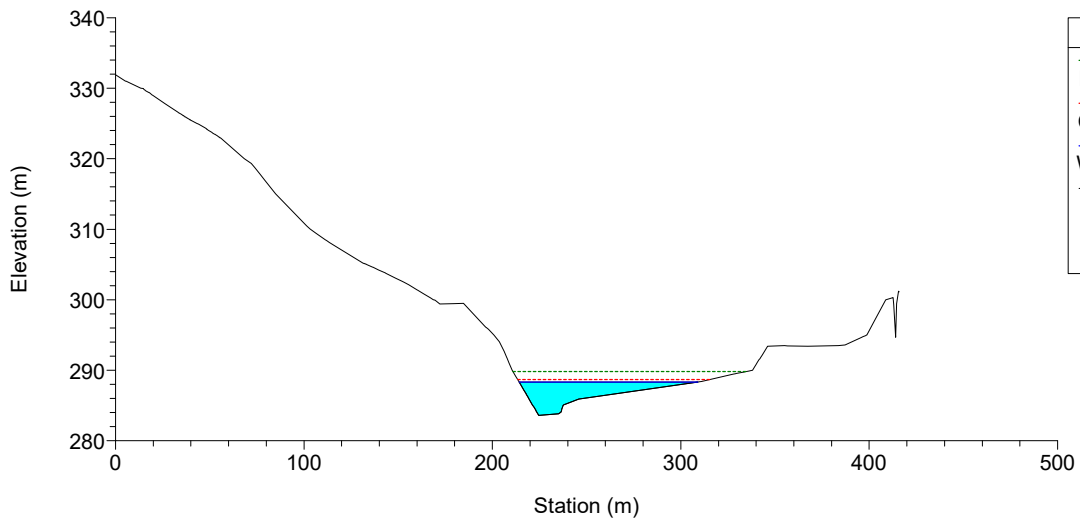
ANTE OPERAM

RS = 277



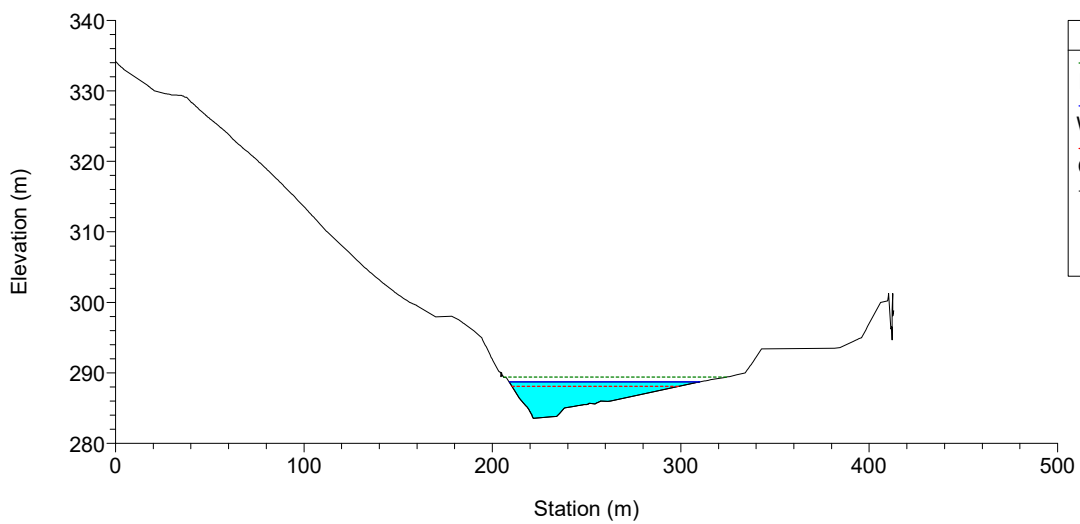
ANTE OPERAM

RS = 276



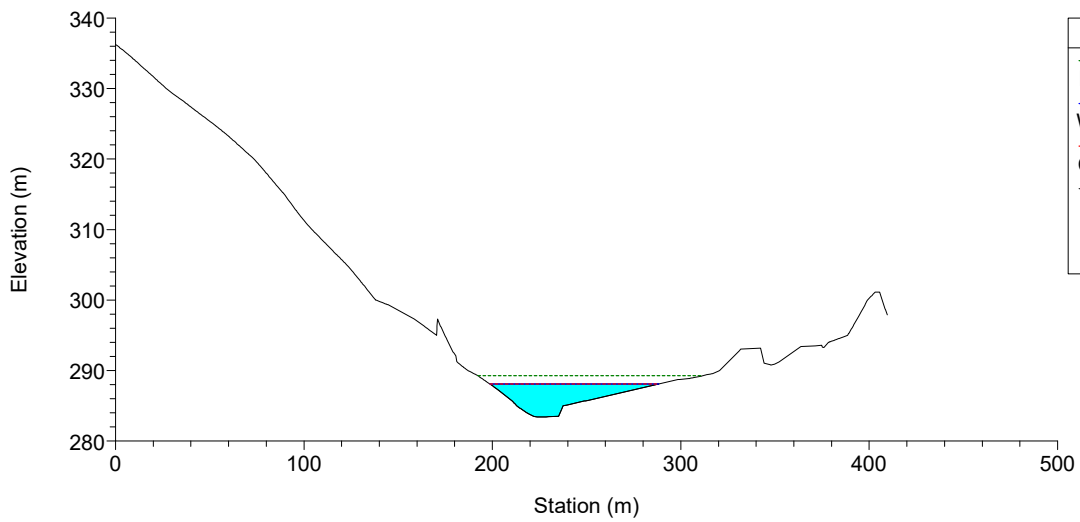
ANTE OPERAM

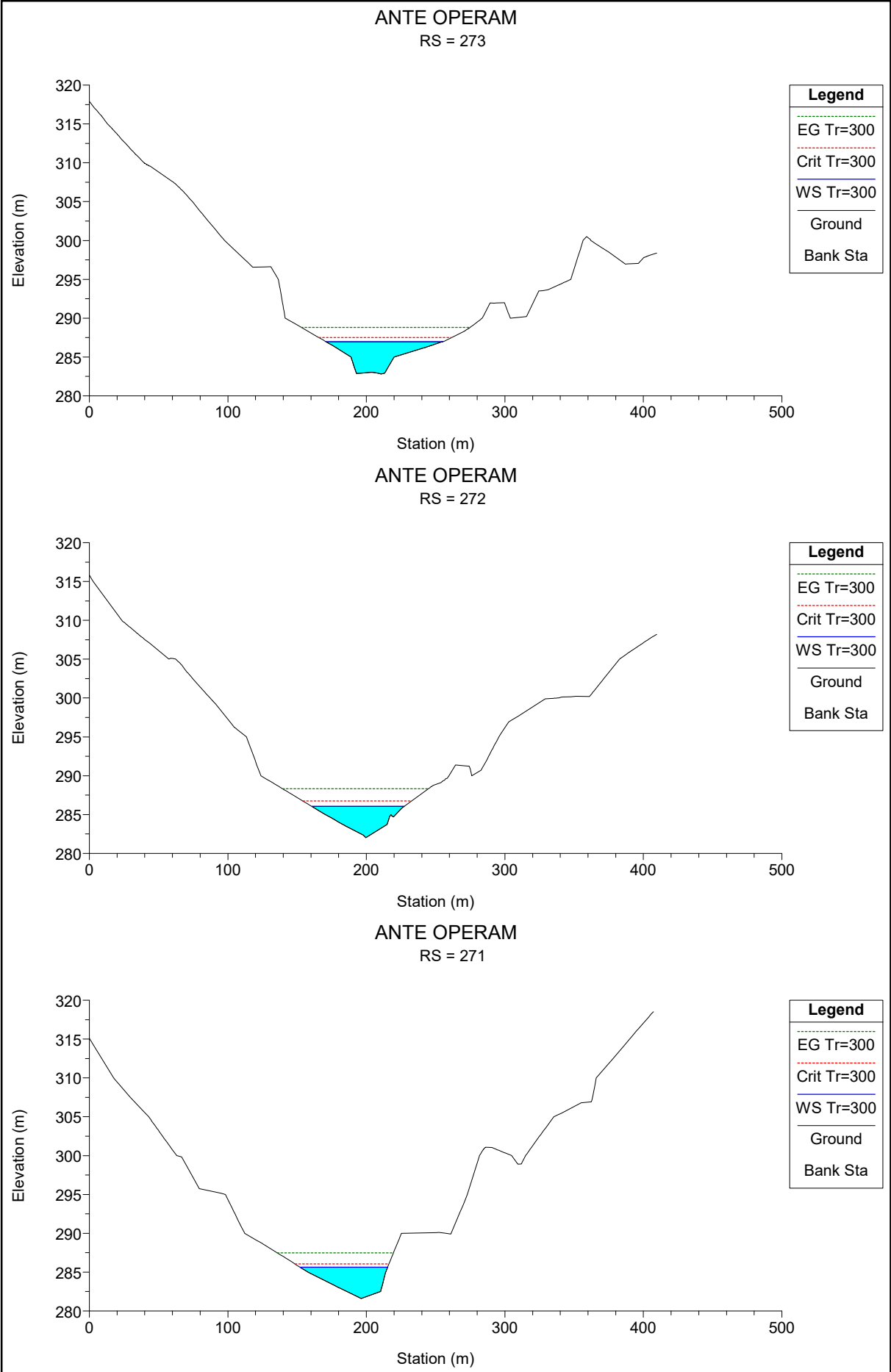
RS = 275

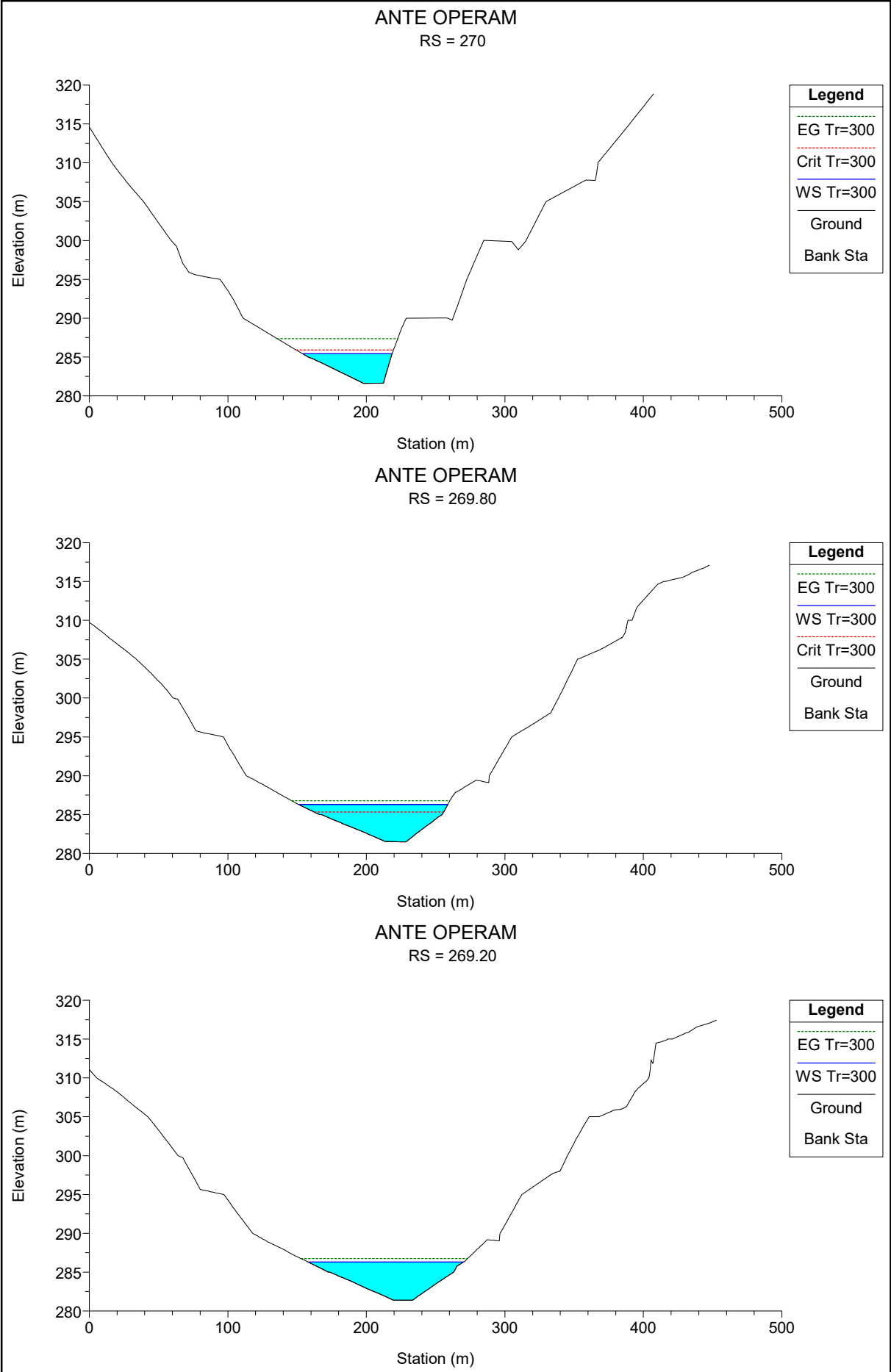


ANTE OPERAM

RS = 274

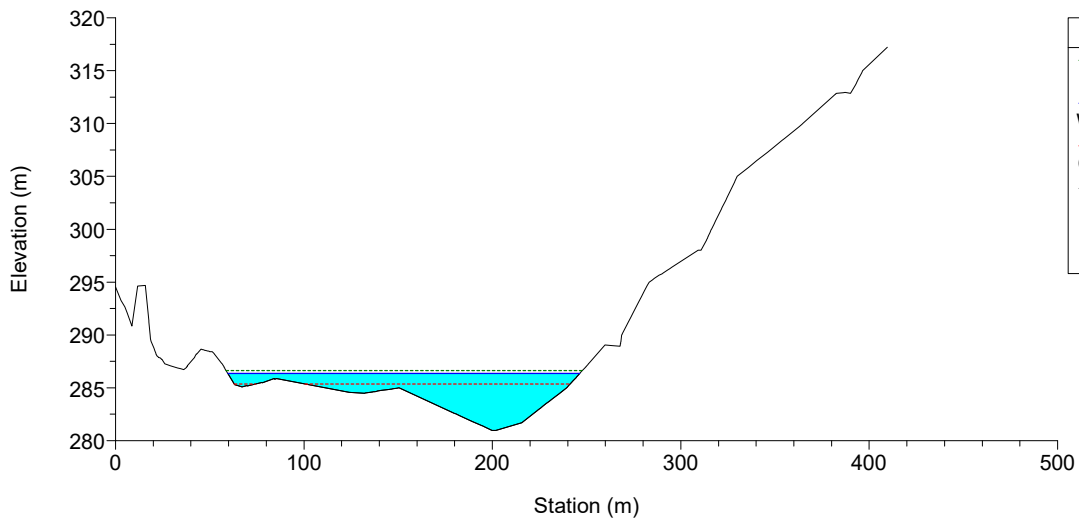






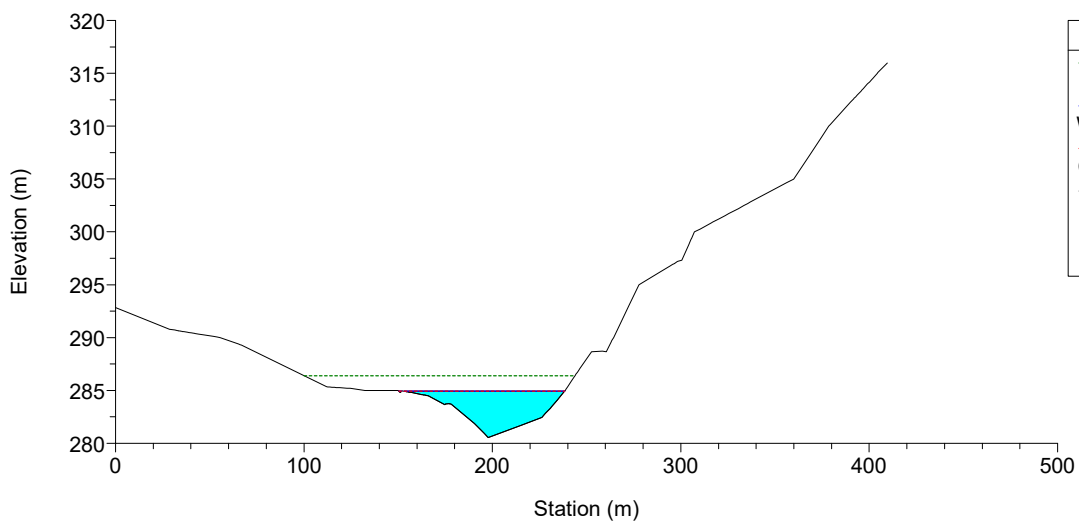
ANTE OPERAM

RS = 268



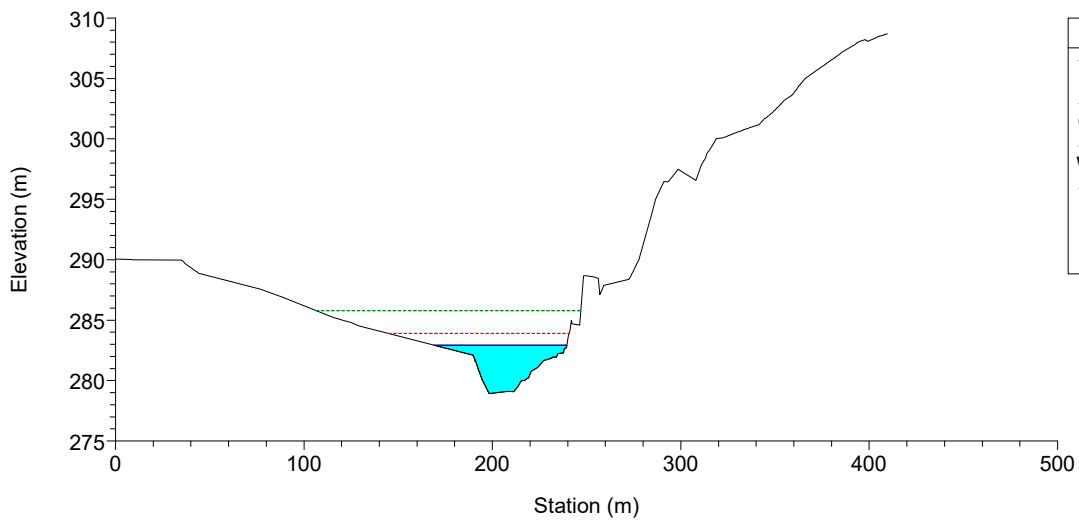
ANTE OPERAM

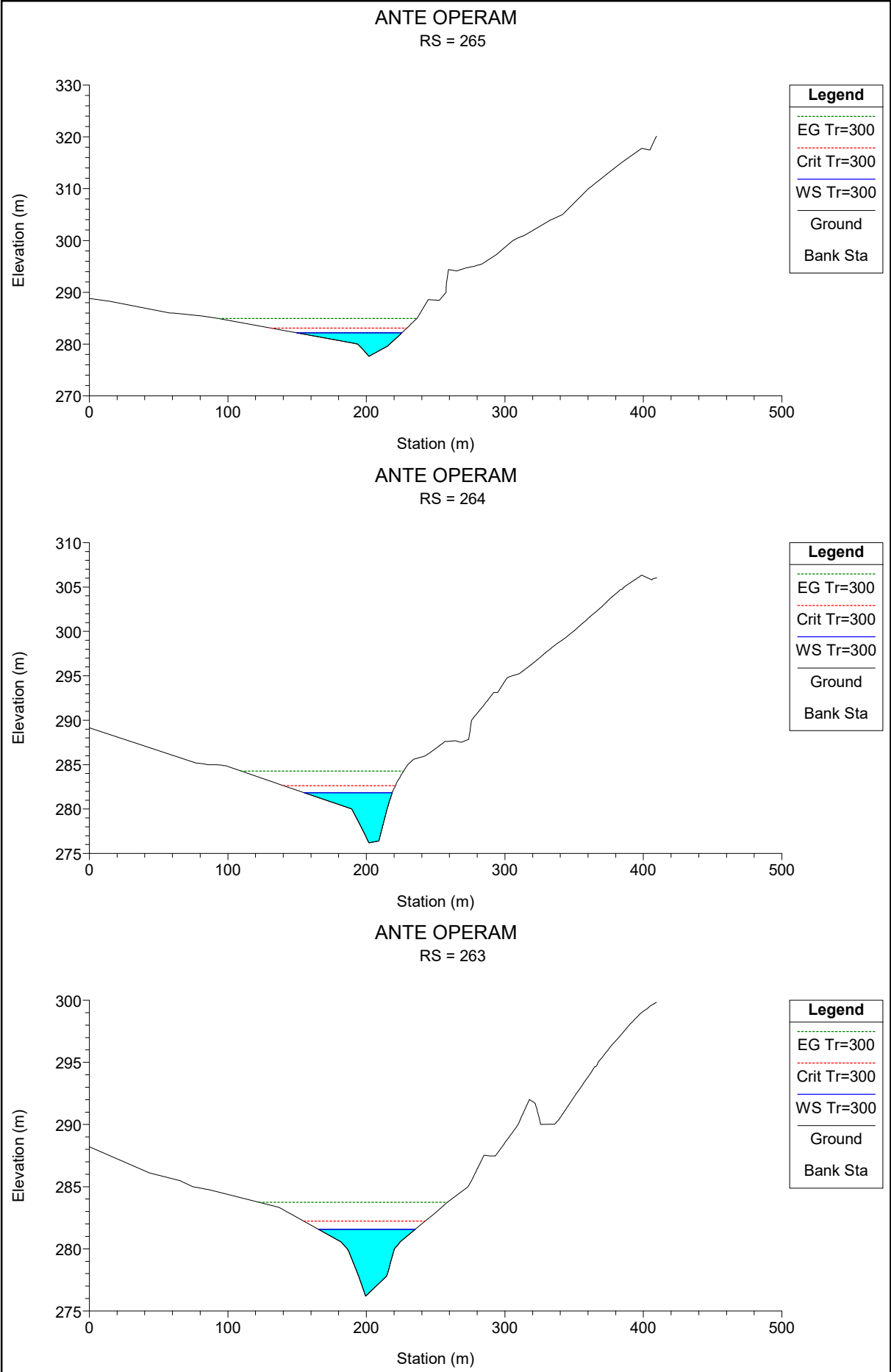
RS = 267

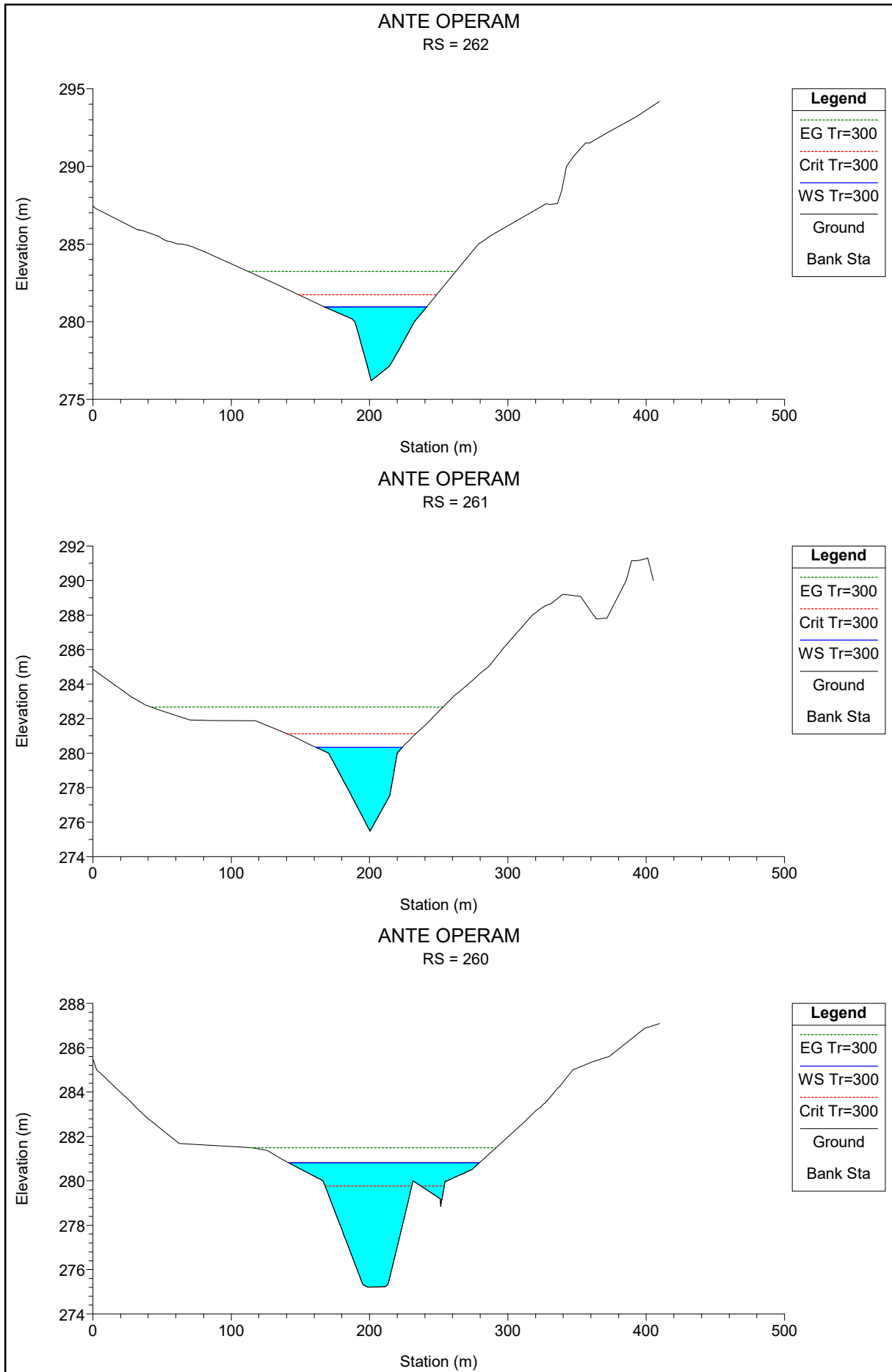


ANTE OPERAM

RS = 266

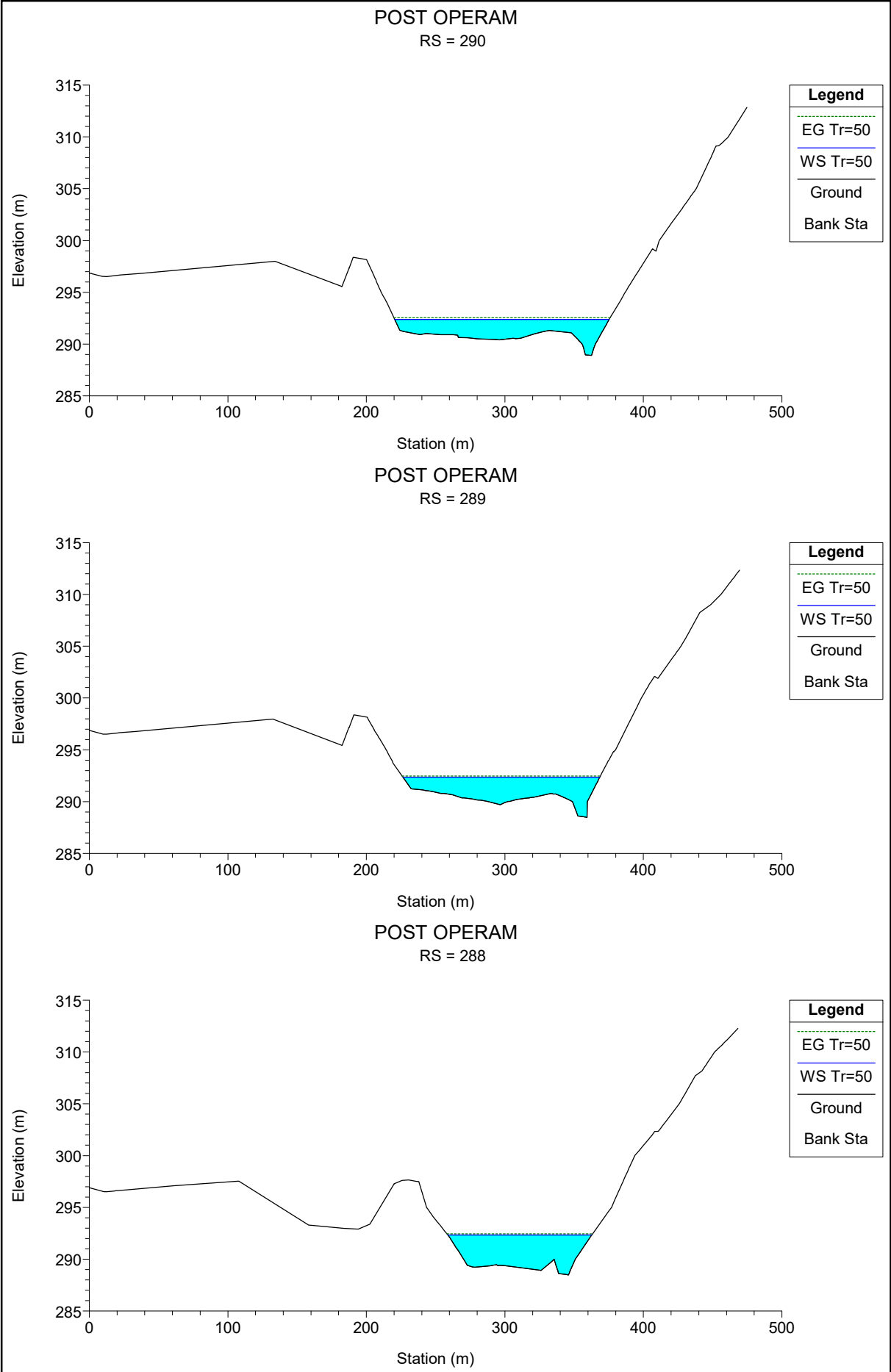


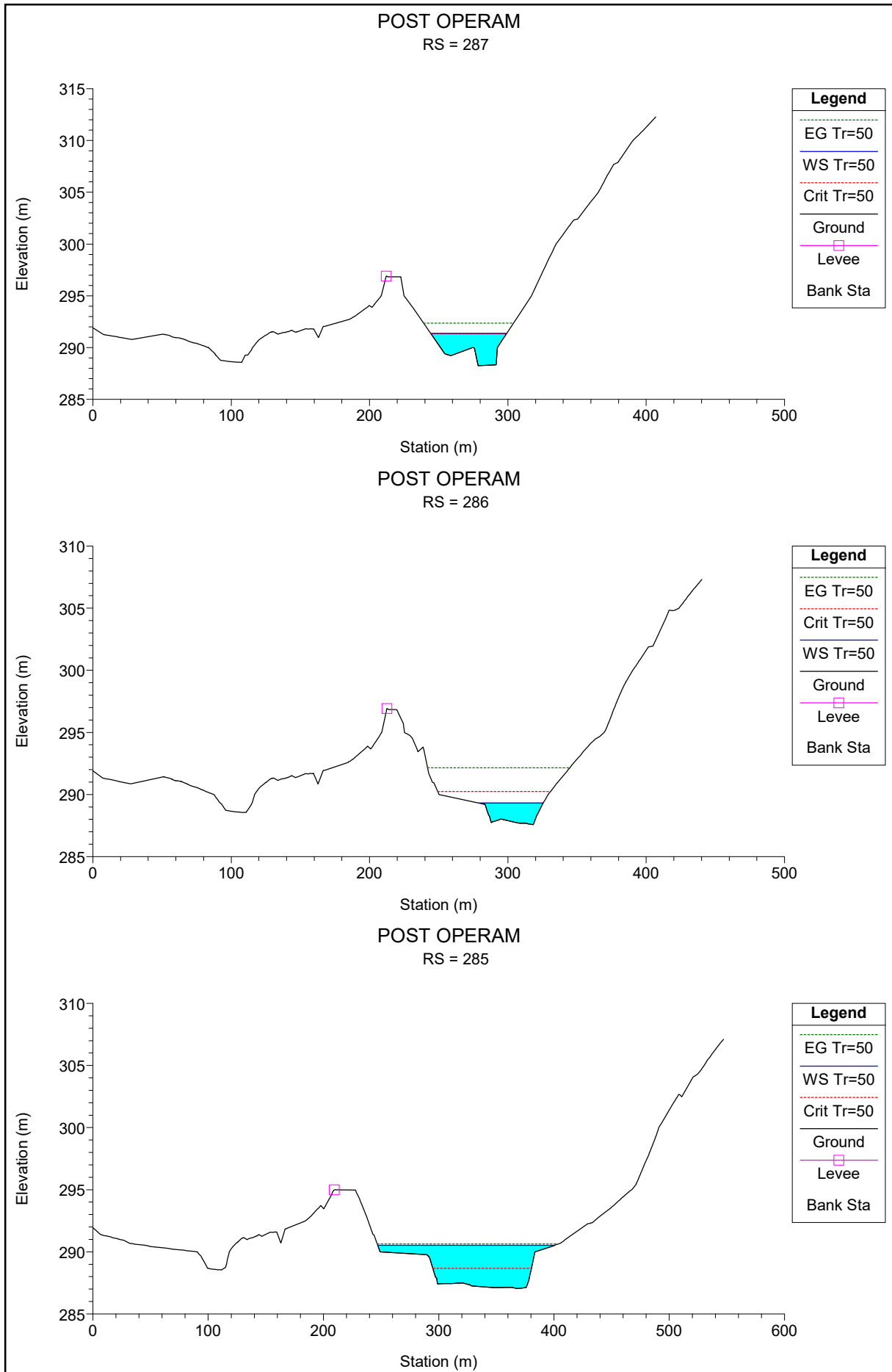


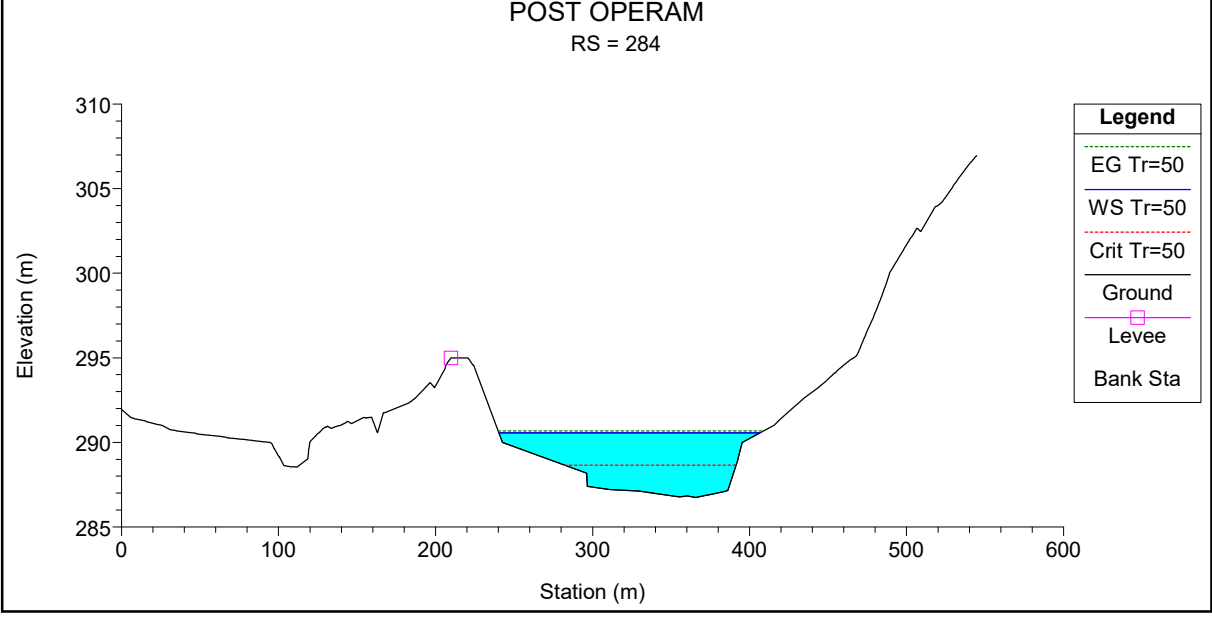
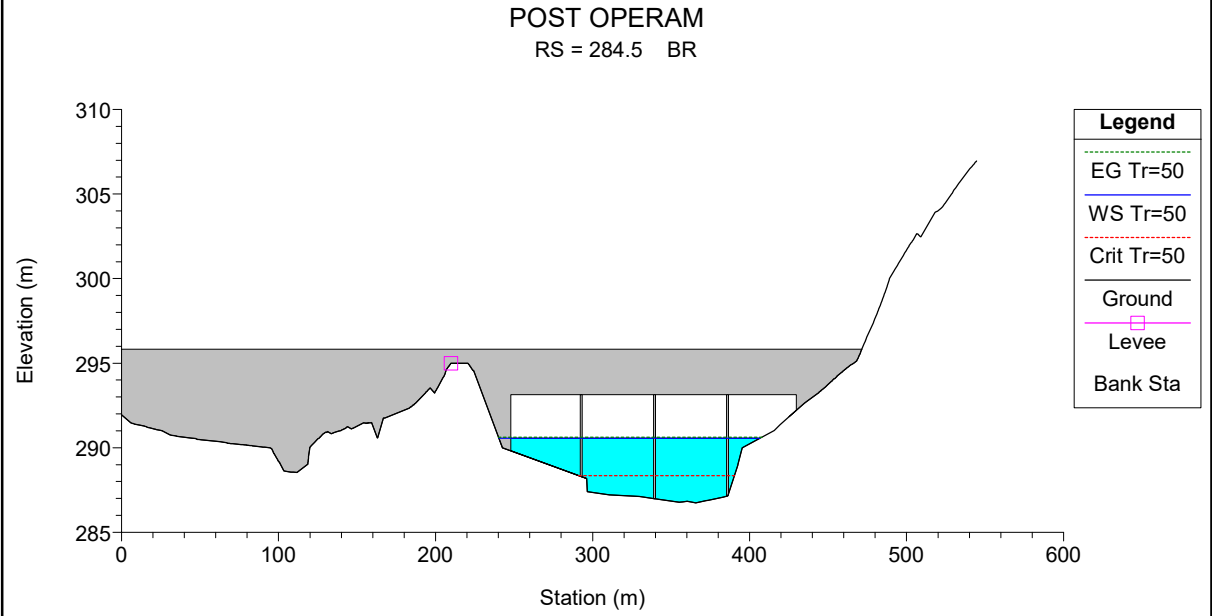
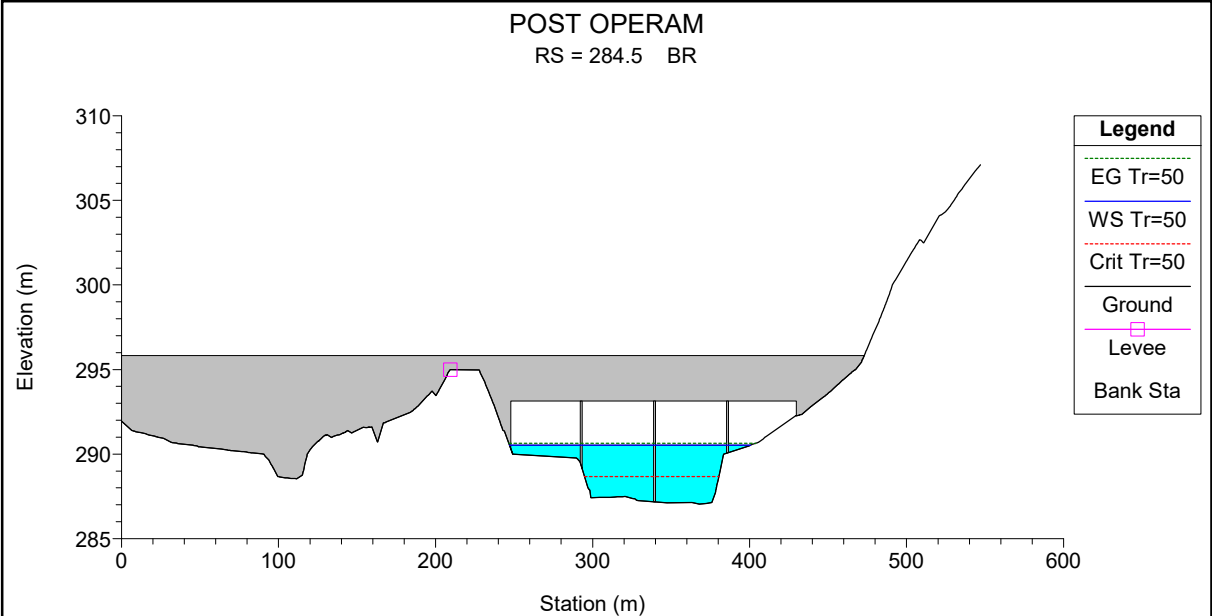


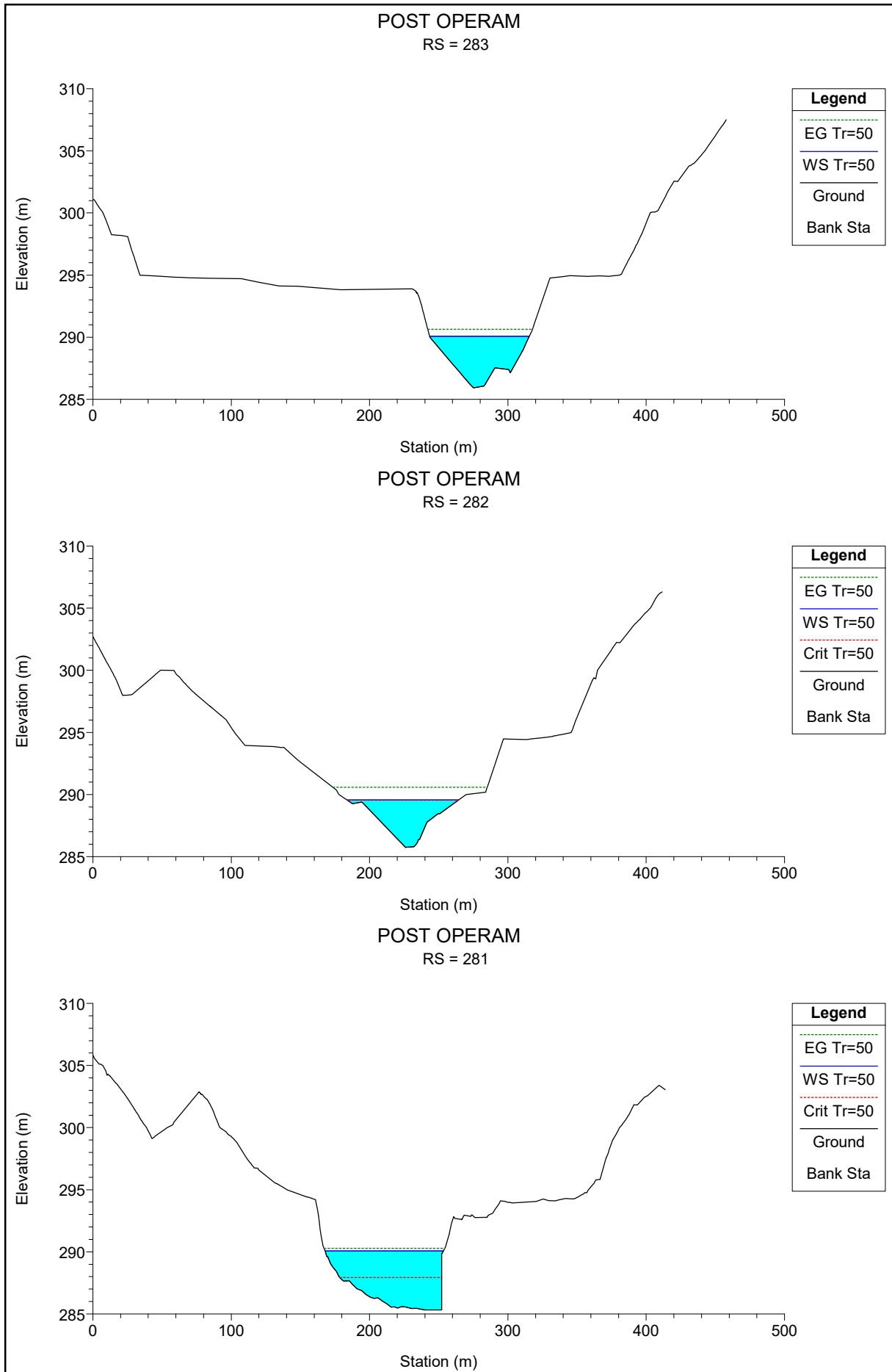
SEZIONI IDRAULICHE POST OPERAM

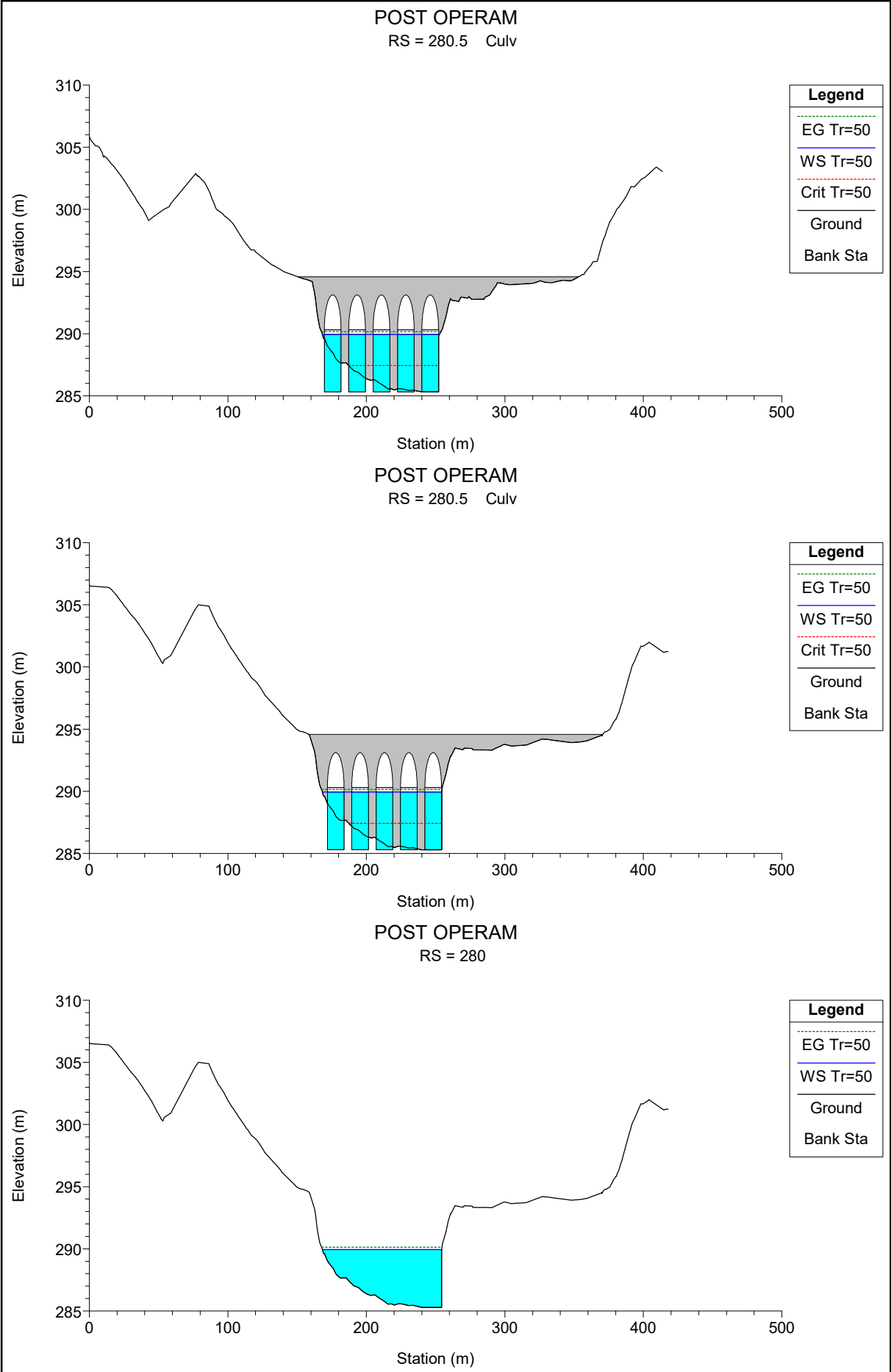
TR 50 ANNI





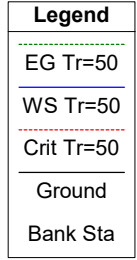
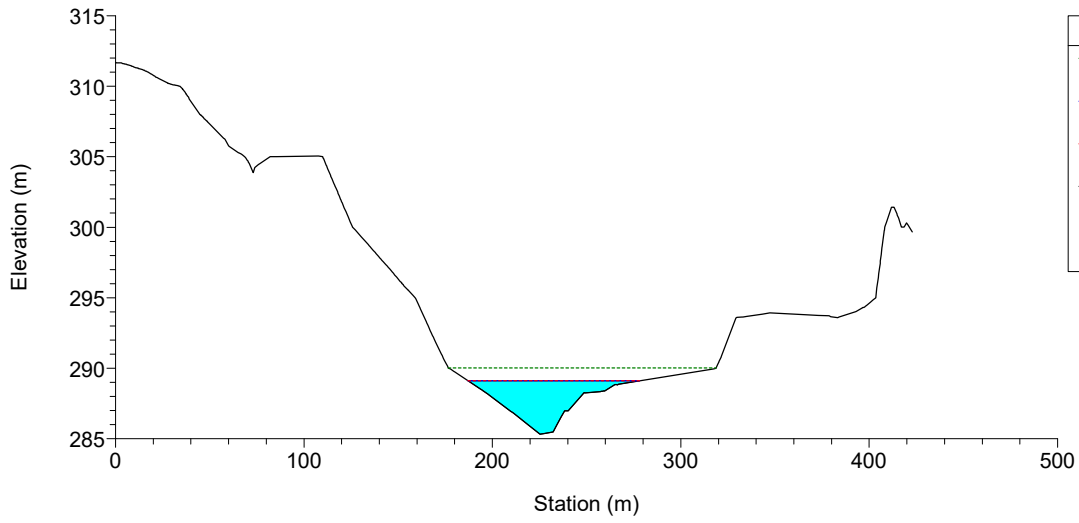






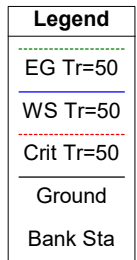
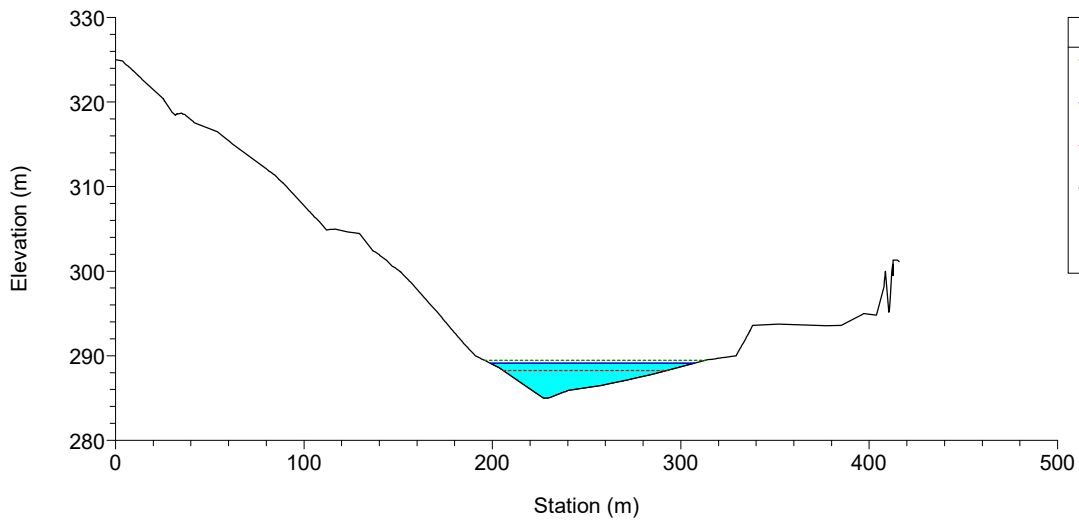
POST OPERAM

RS = 279



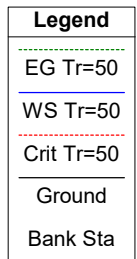
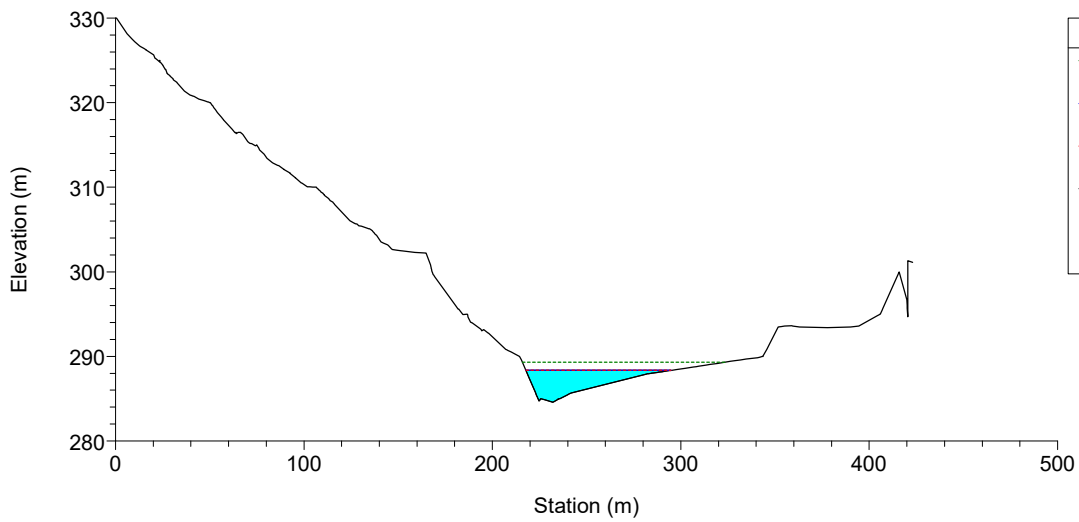
POST OPERAM

RS = 278



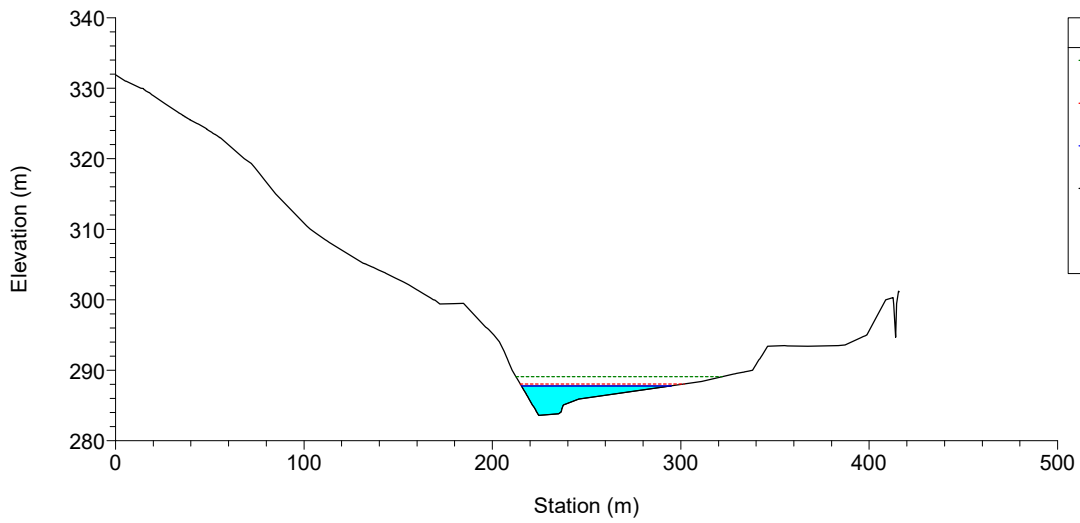
POST OPERAM

RS = 277



POST OPERAM

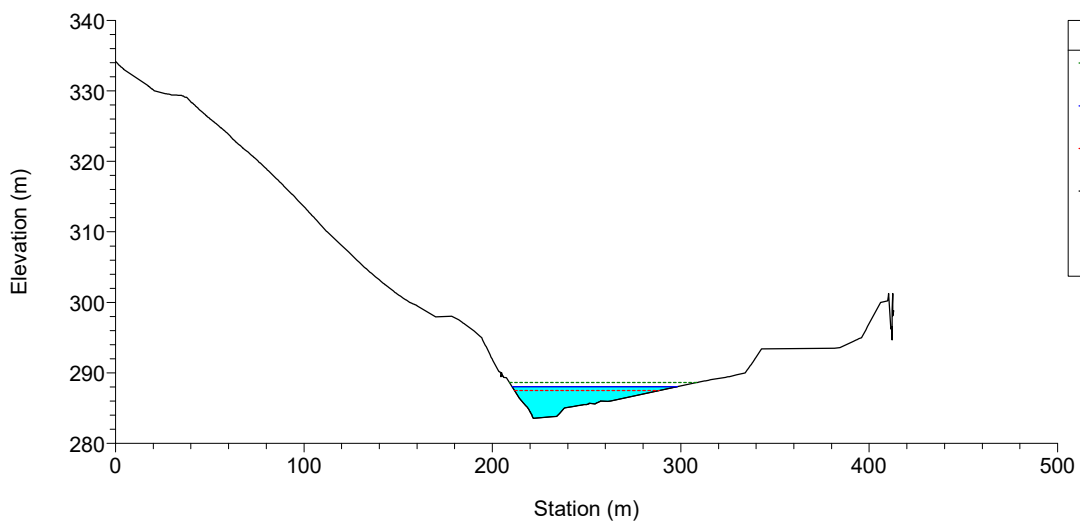
RS = 276



Legend
EG Tr=50
Crit Tr=50
WS Tr=50
Ground
Bank Sta

POST OPERAM

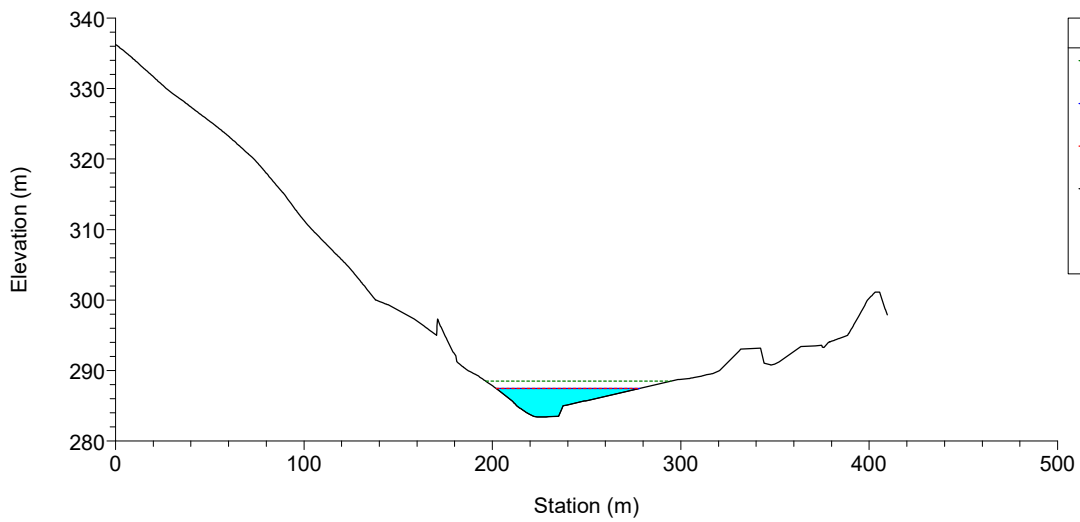
RS = 275



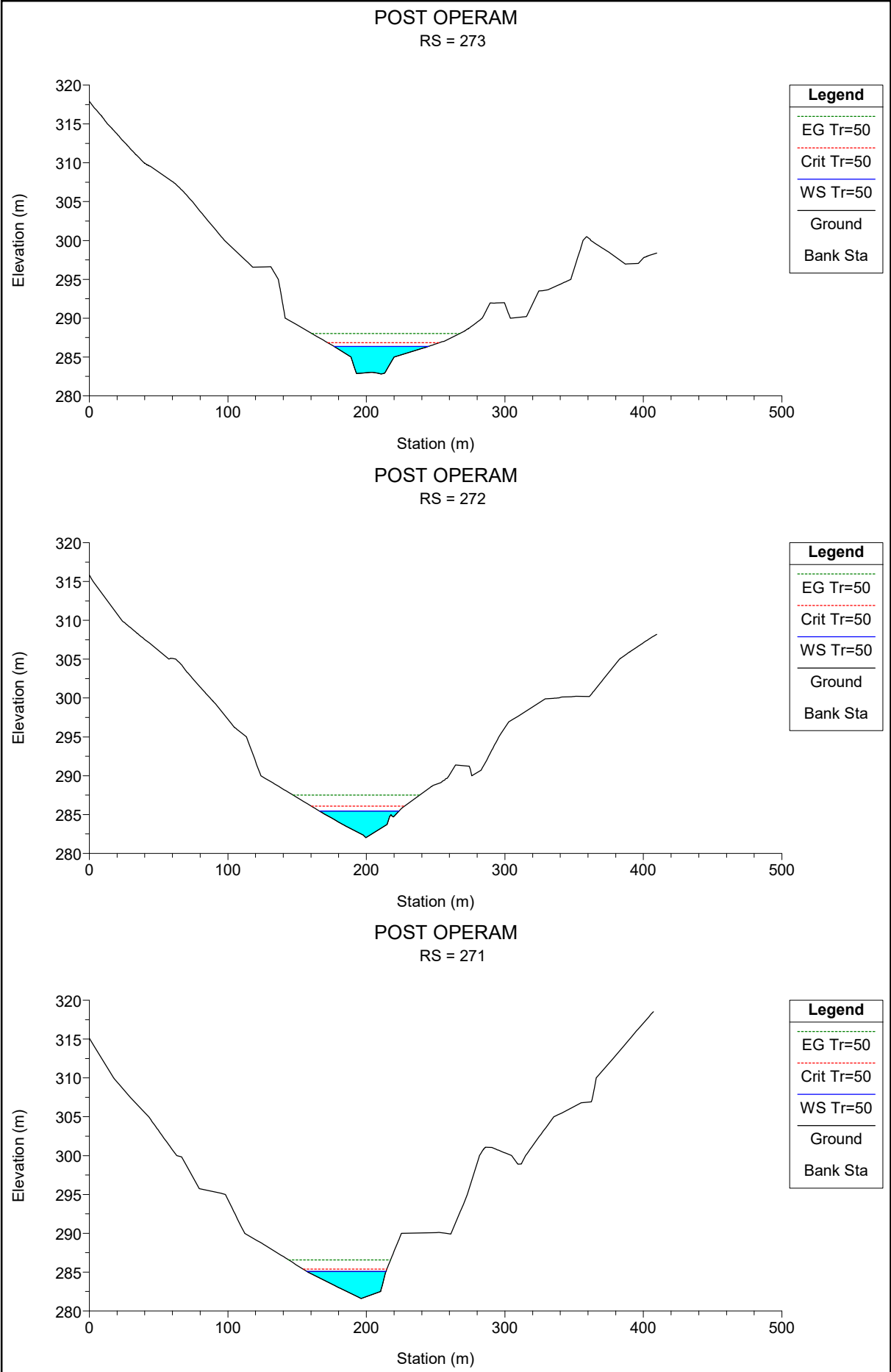
Legend
EG Tr=50
WS Tr=50
Crit Tr=50
Ground
Bank Sta

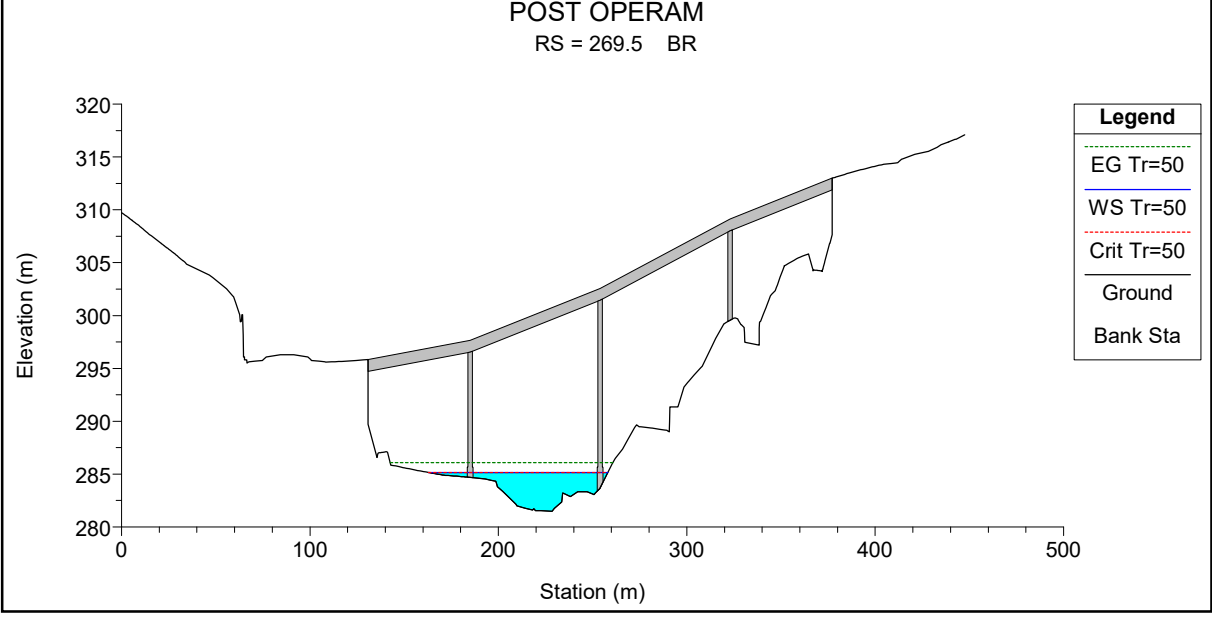
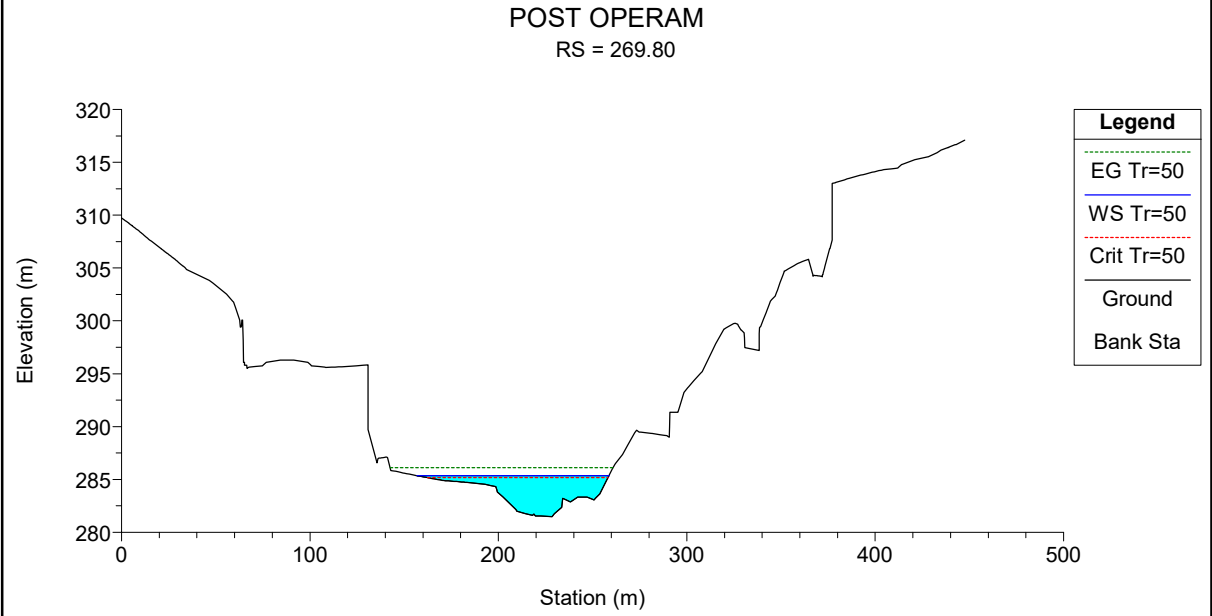
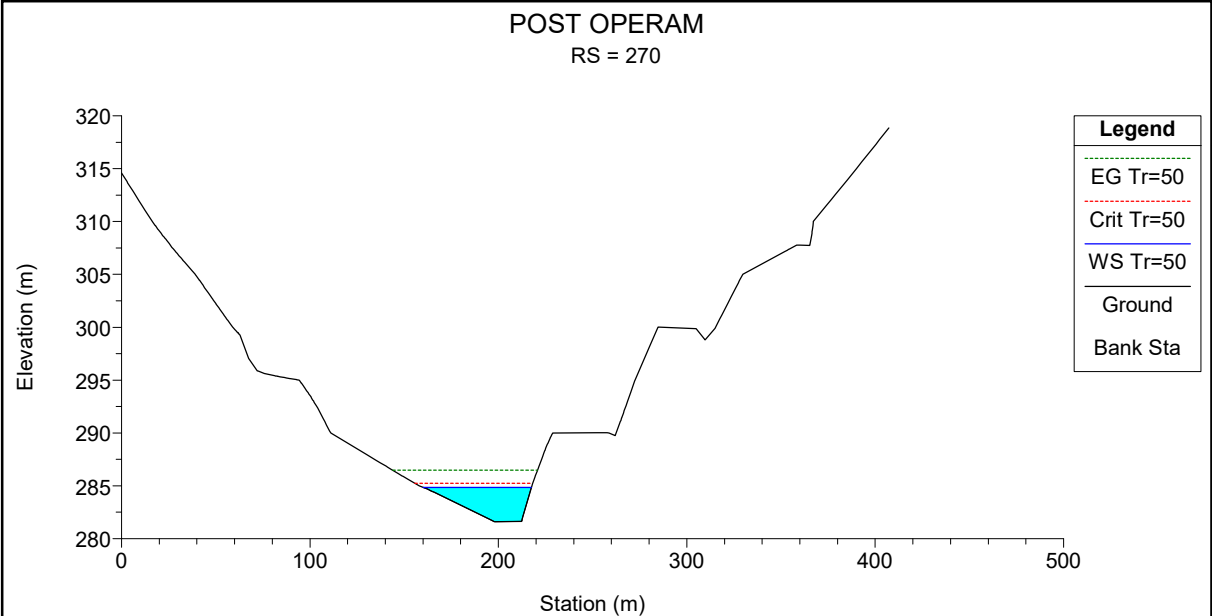
POST OPERAM

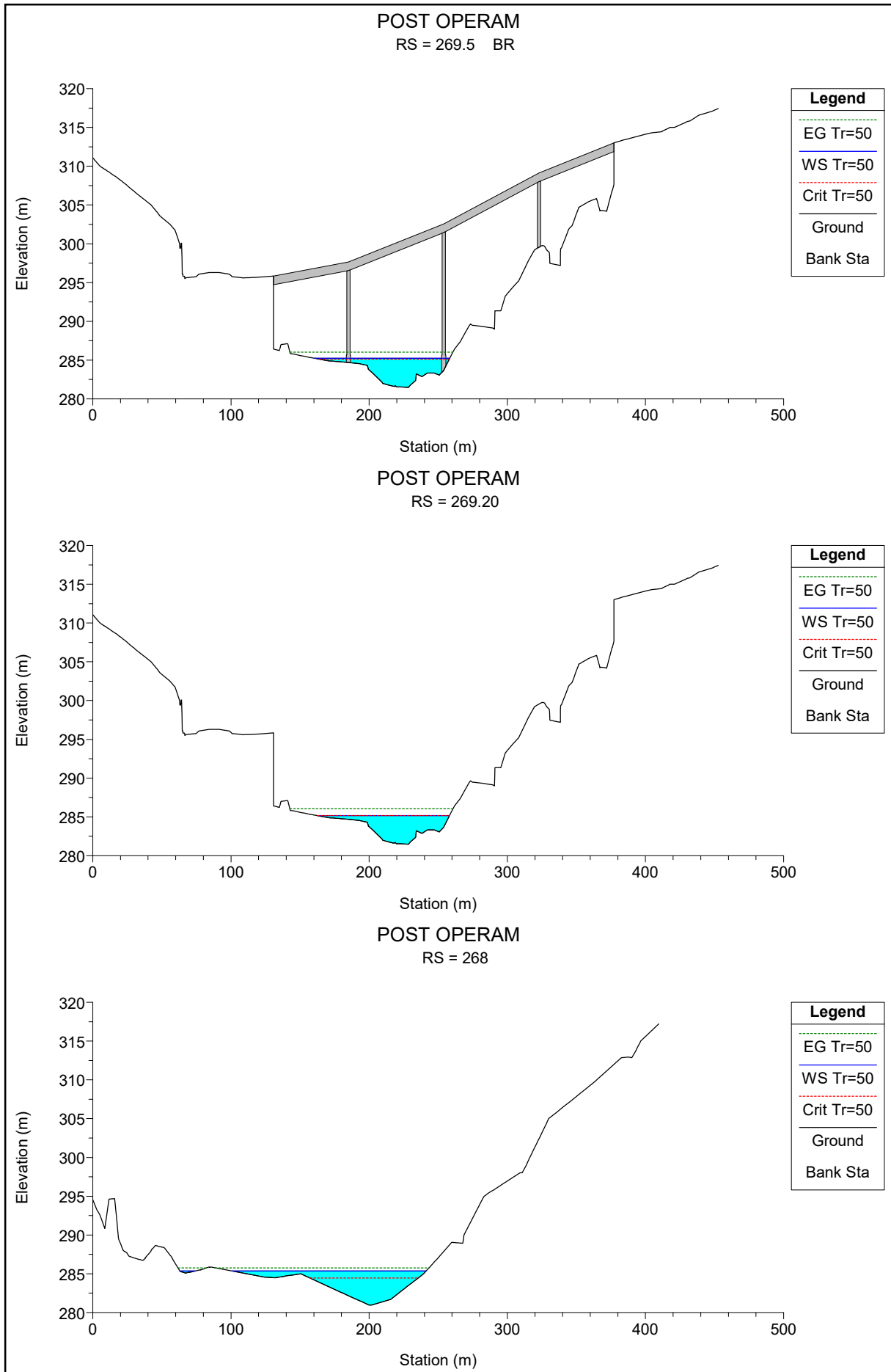
RS = 274

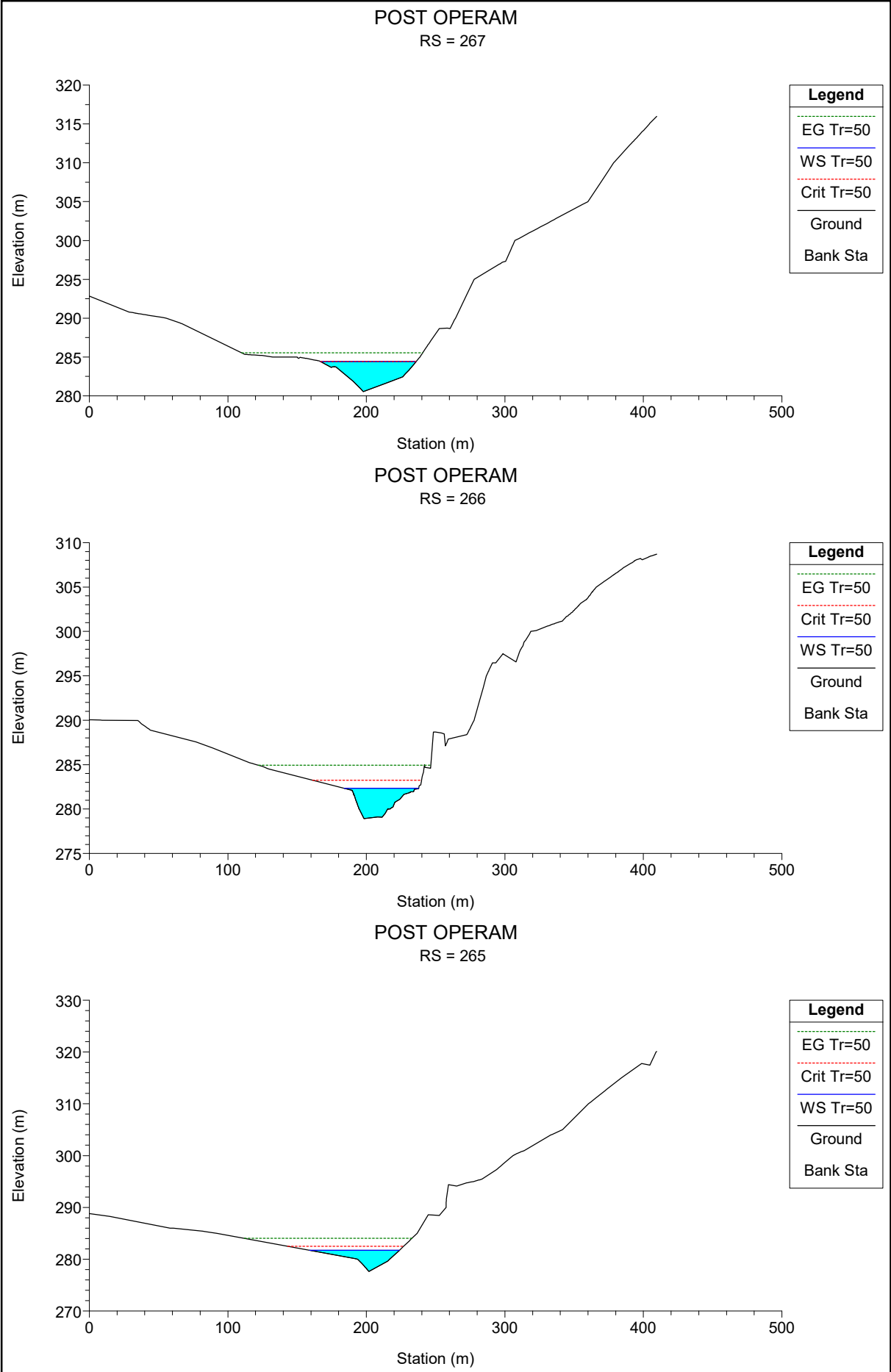


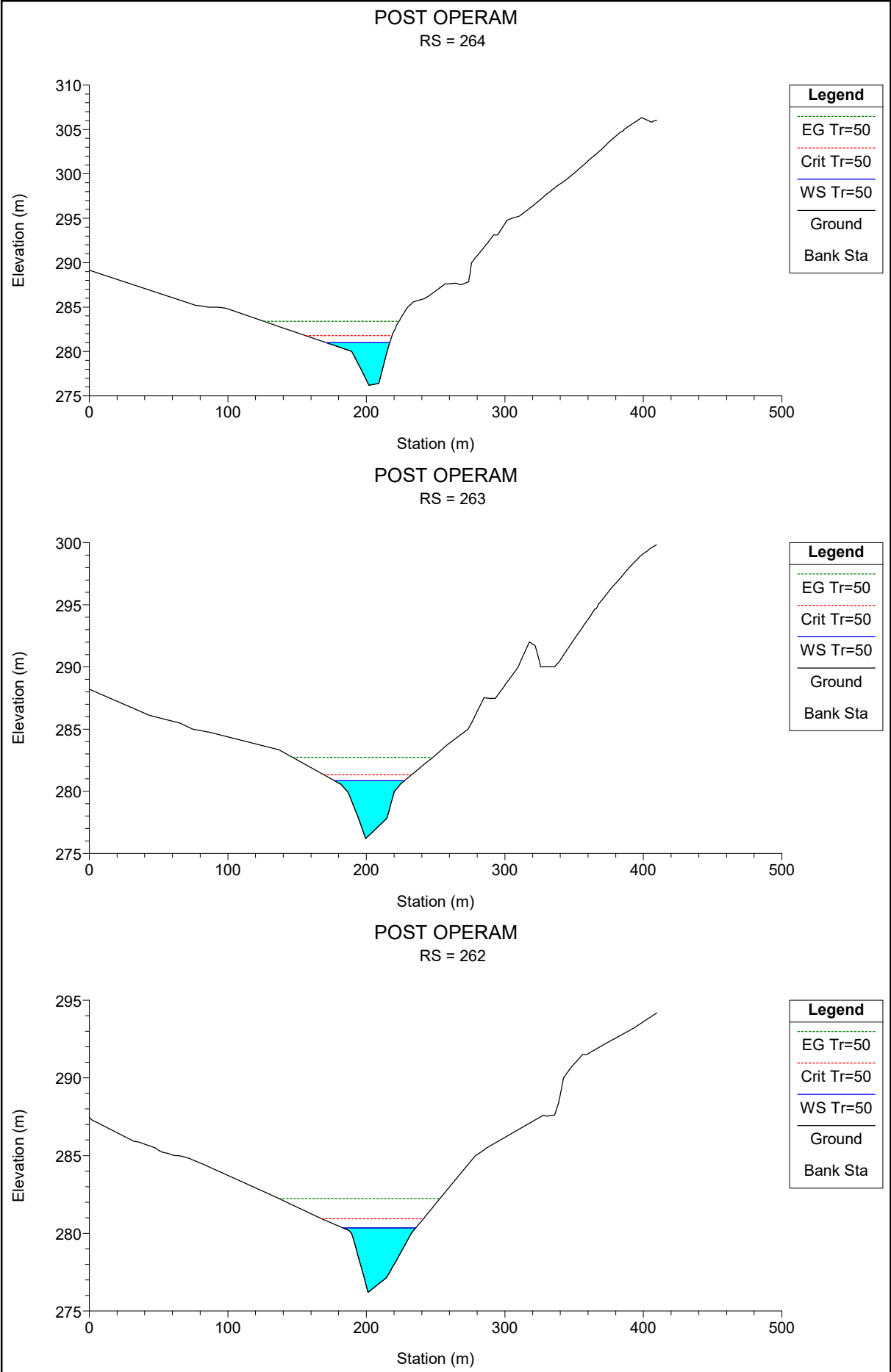
Legend
EG Tr=50
WS Tr=50
Crit Tr=50
Ground
Bank Sta





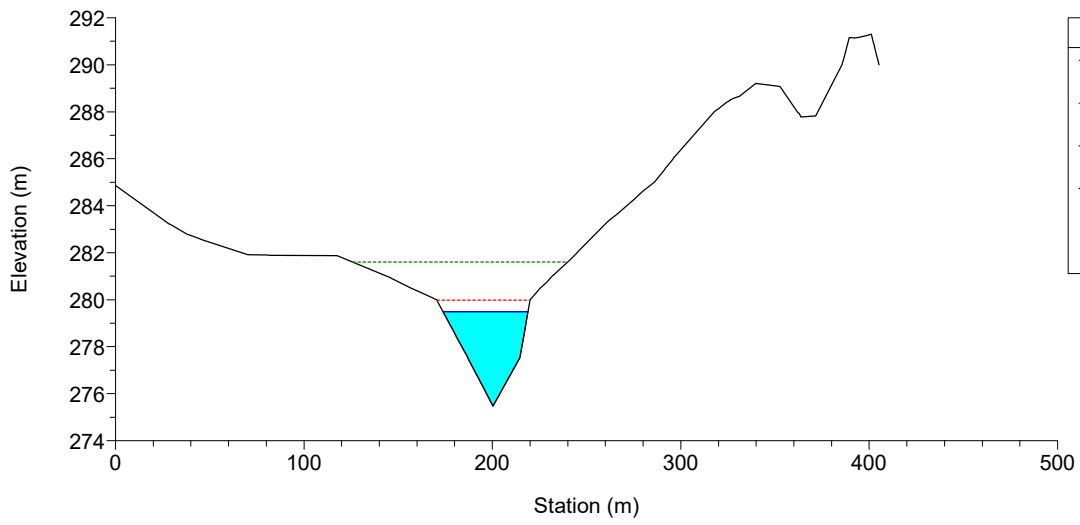






POST OPERAM

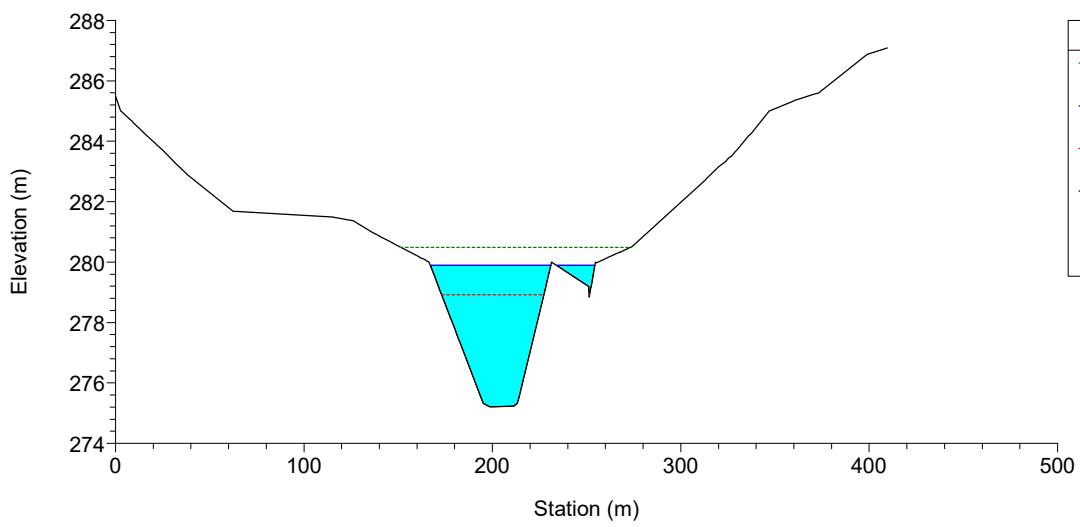
RS = 261



Legend	
EG Tr=50	Green dashed line
Crit Tr=50	Red dashed line
WS Tr=50	Blue solid line
Ground	Black solid line
Bank Sta	Cyan shaded area

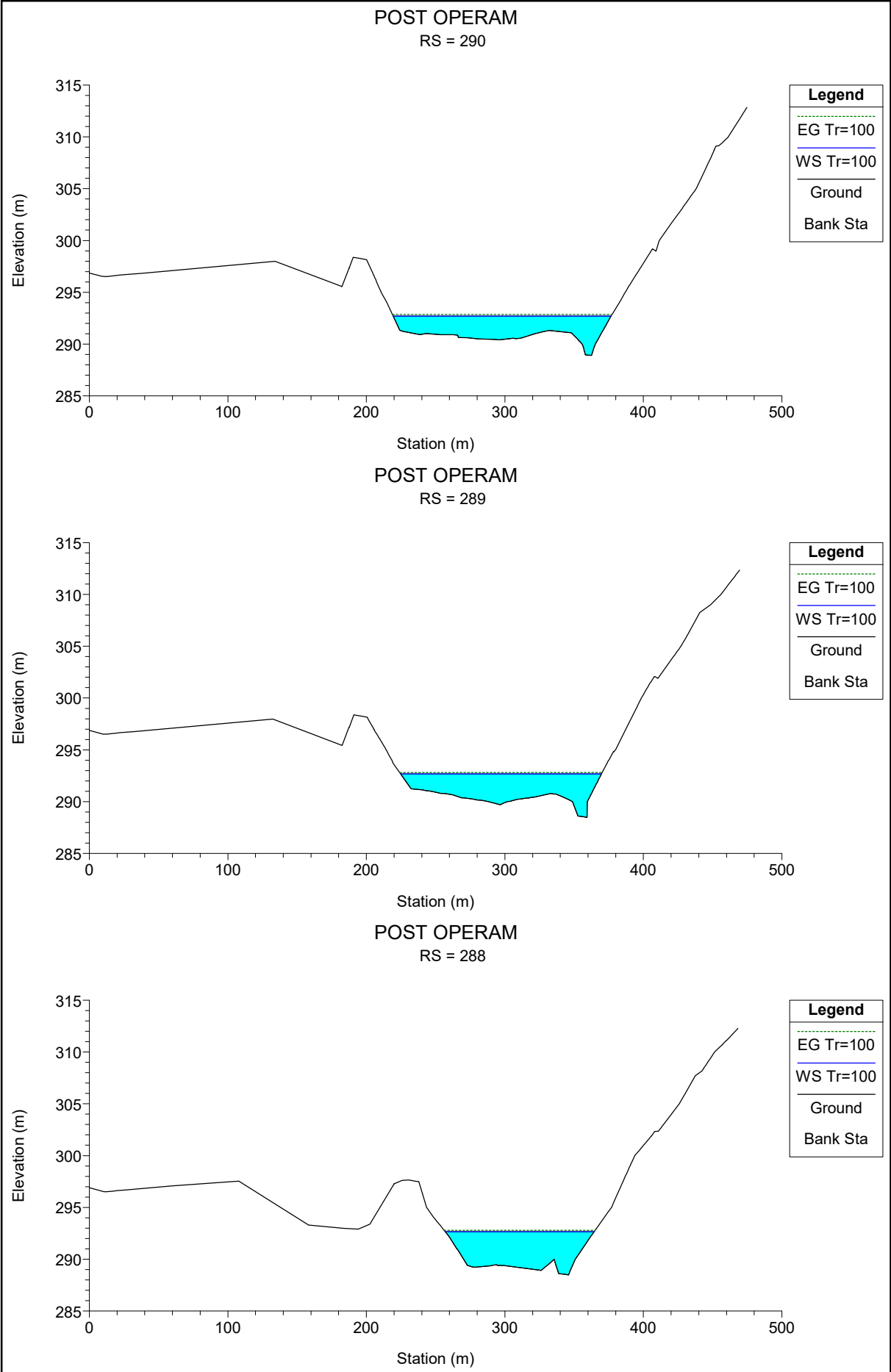
POST OPERAM

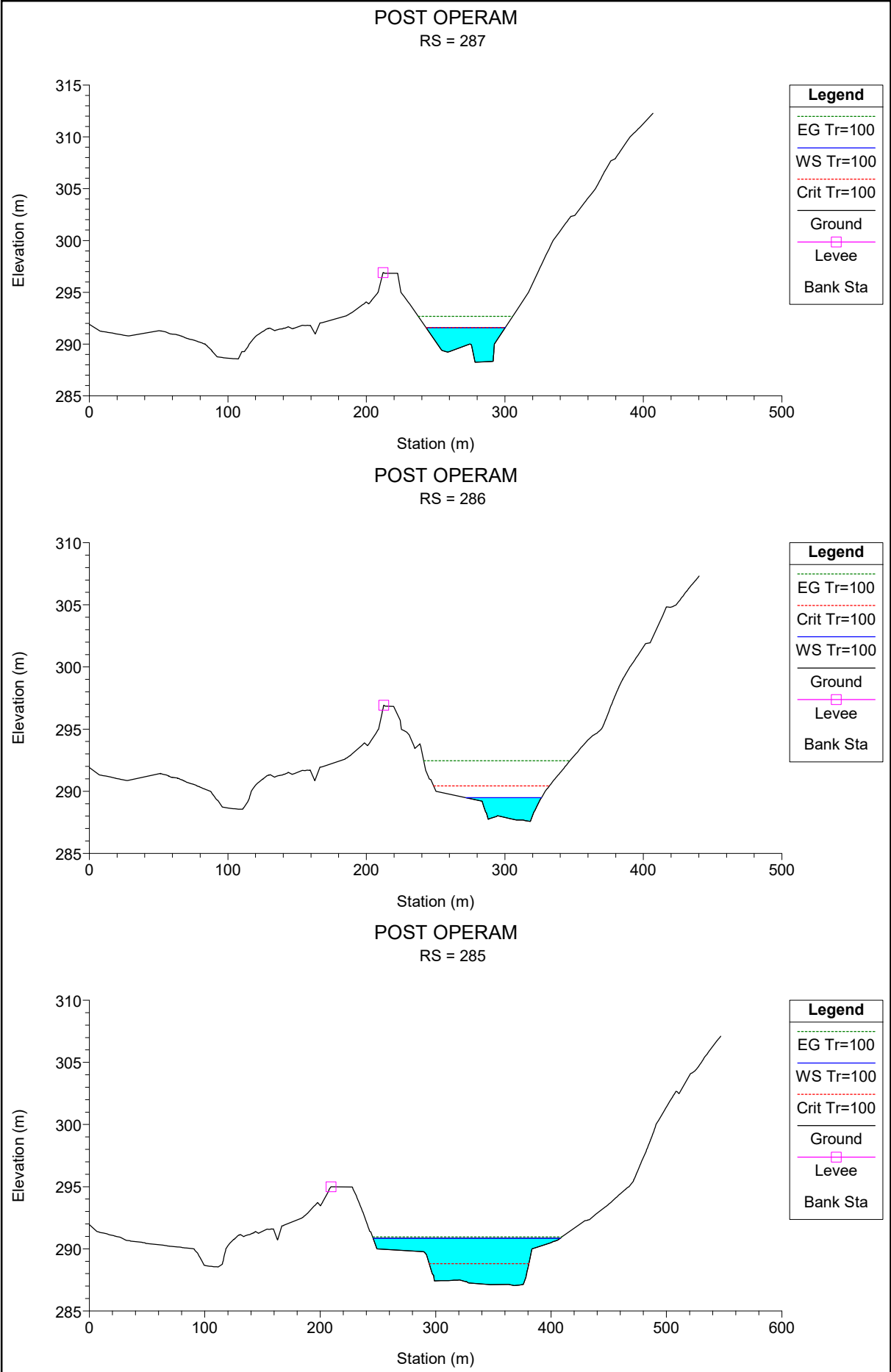
RS = 260

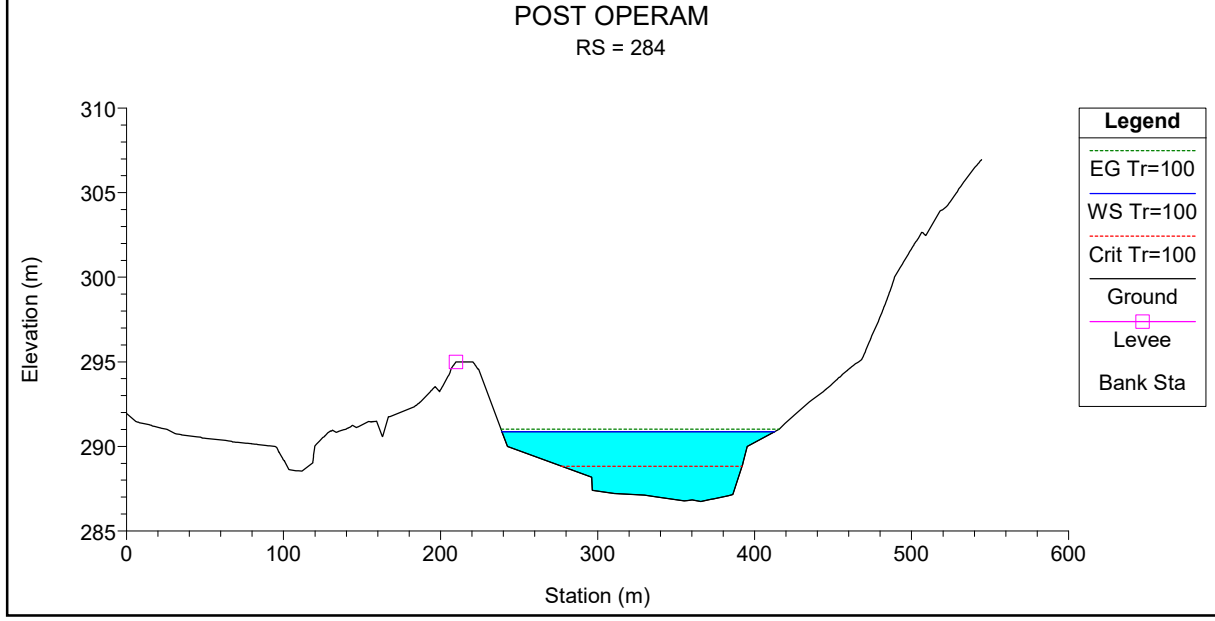
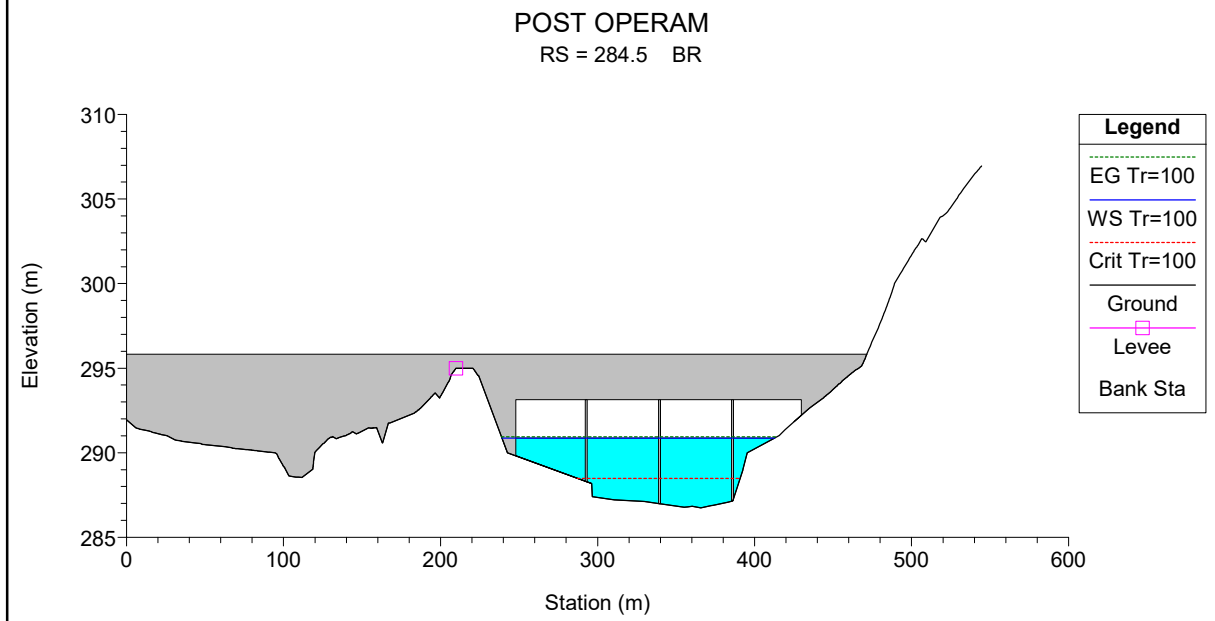
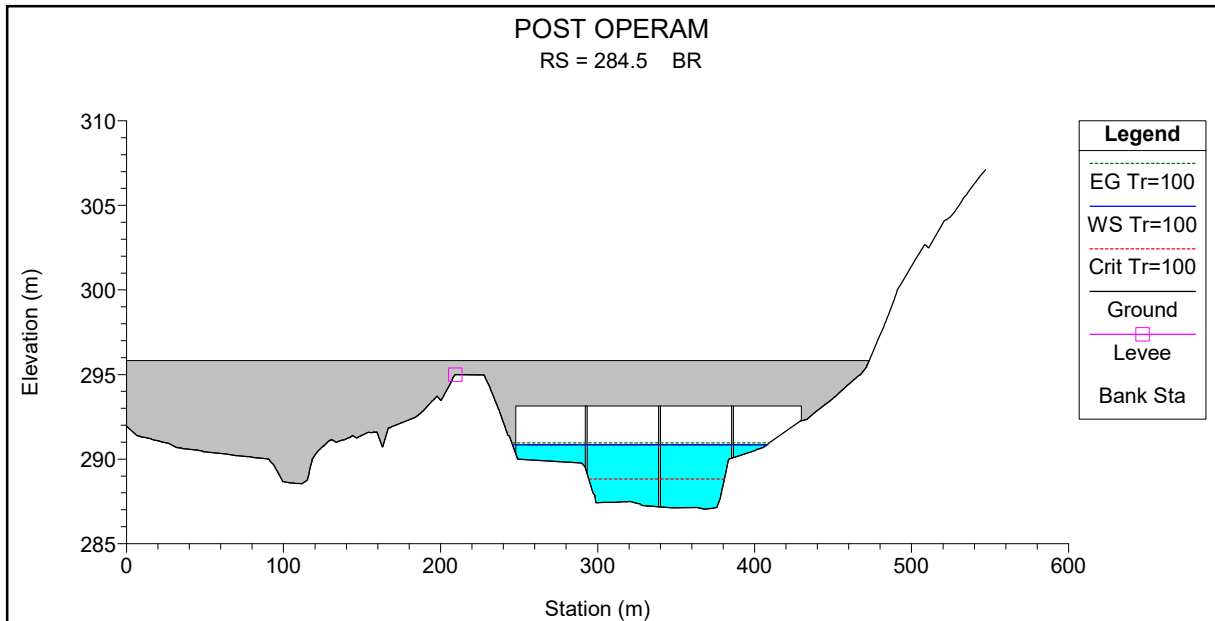


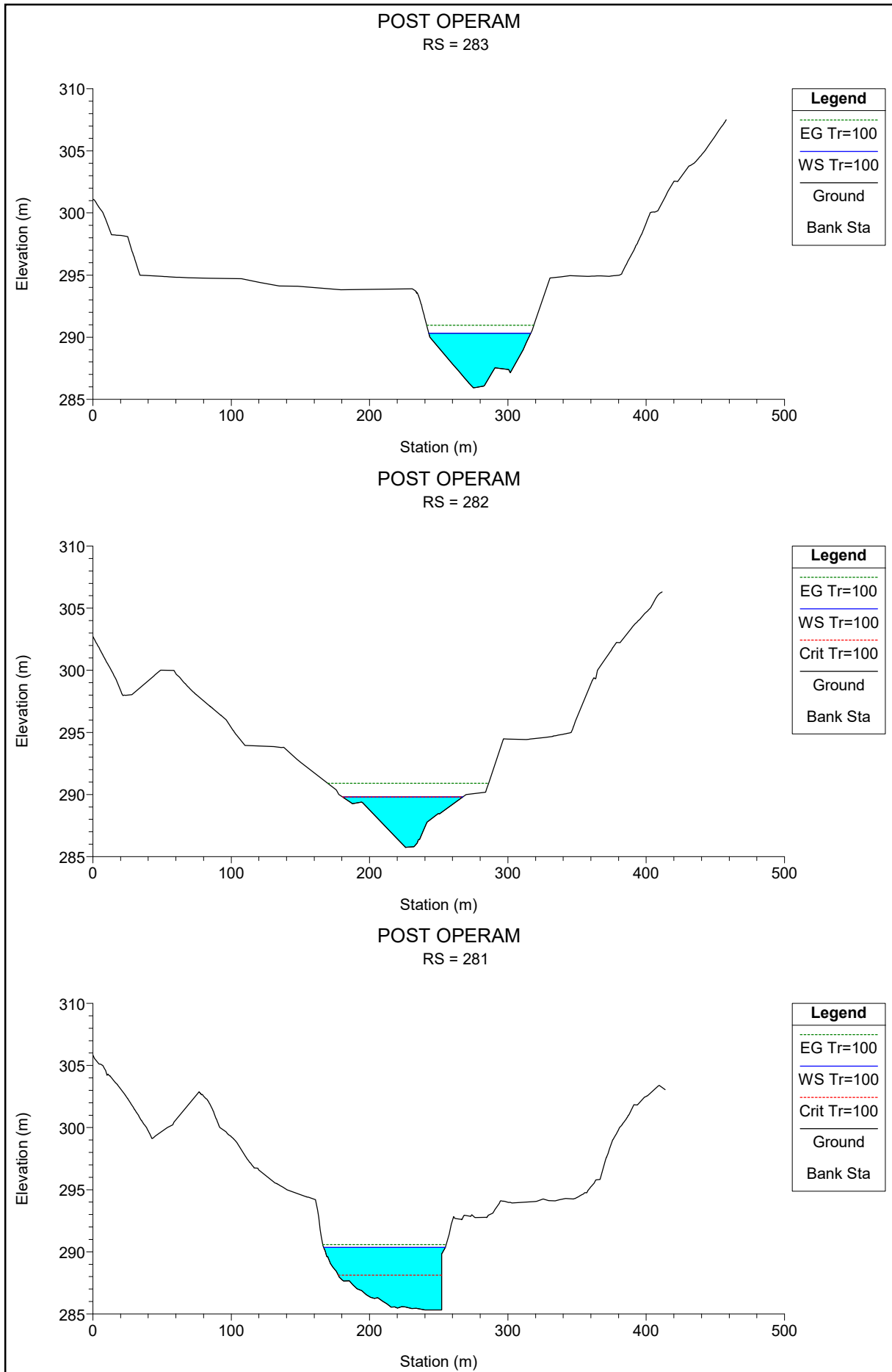
Legend	
EG Tr=50	Green dashed line
WS Tr=50	Blue solid line
Crit Tr=50	Red dashed line
Ground	Black solid line
Bank Sta	Cyan shaded area

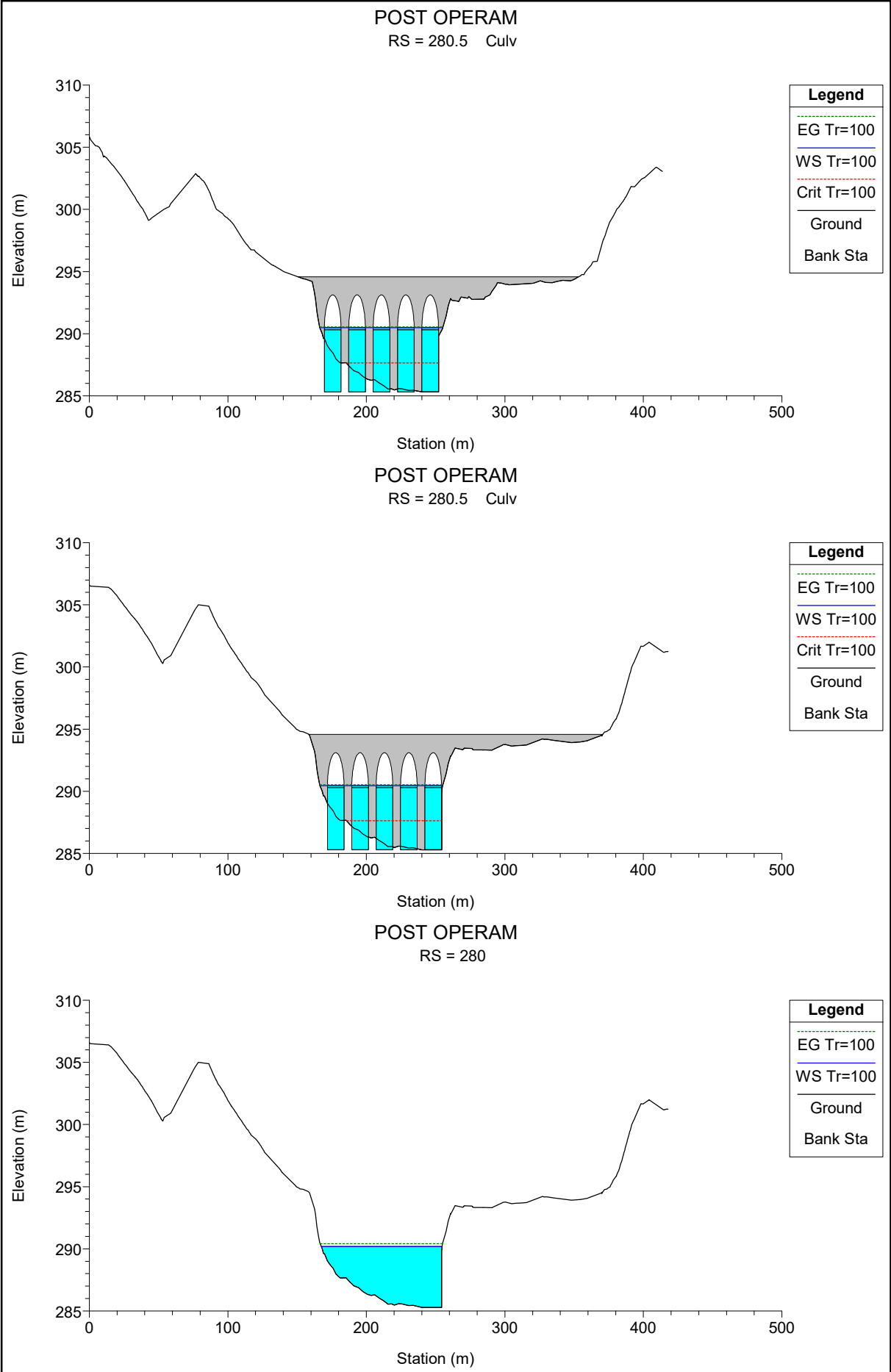
SEZIONI IDRAULICHE POST OPERAM
TR 100 ANNI





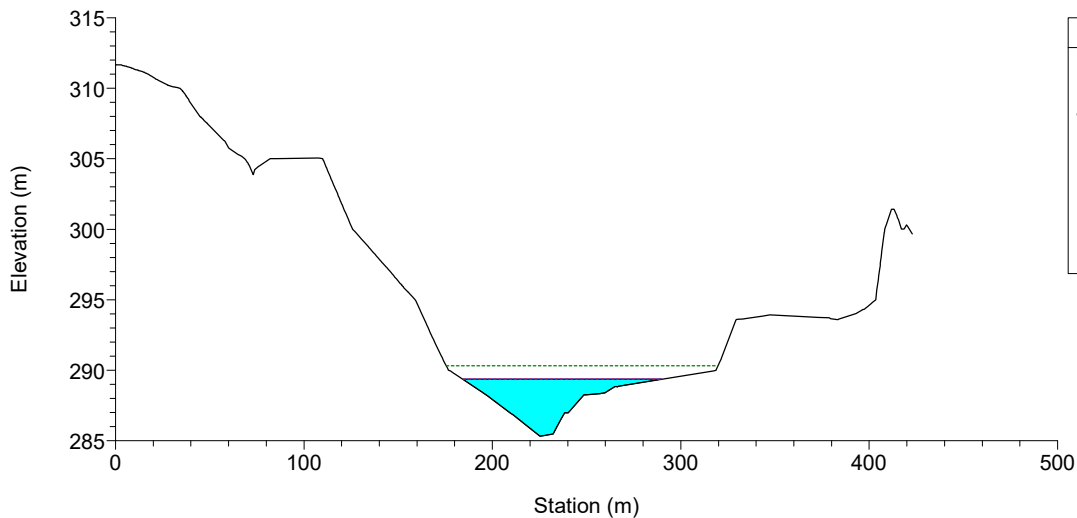






POST OPERAM

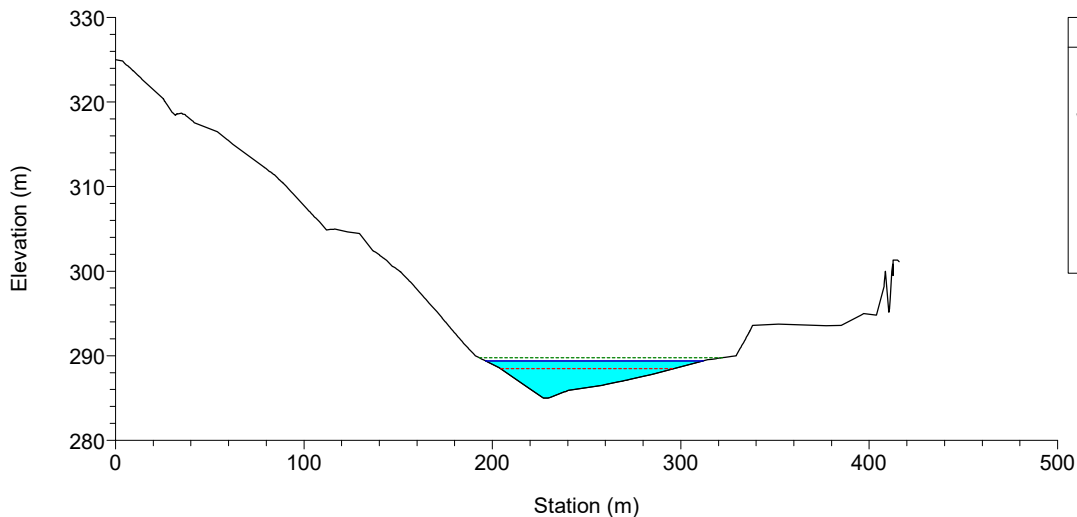
RS = 279



Legend	
EG Tr=100	Green dashed line
WS Tr=100	Blue solid line
Crit Tr=100	Red dashed line
Ground	Black solid line
Bank Sta	Black solid line

POST OPERAM

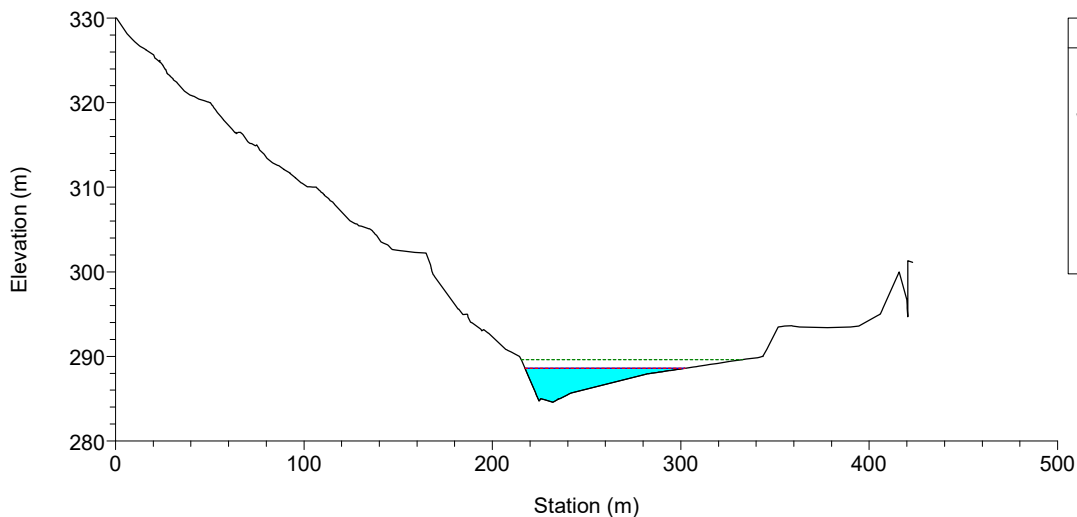
RS = 278



Legend	
EG Tr=100	Green dashed line
WS Tr=100	Blue solid line
Crit Tr=100	Red dashed line
Ground	Black solid line
Bank Sta	Black solid line

POST OPERAM

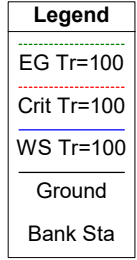
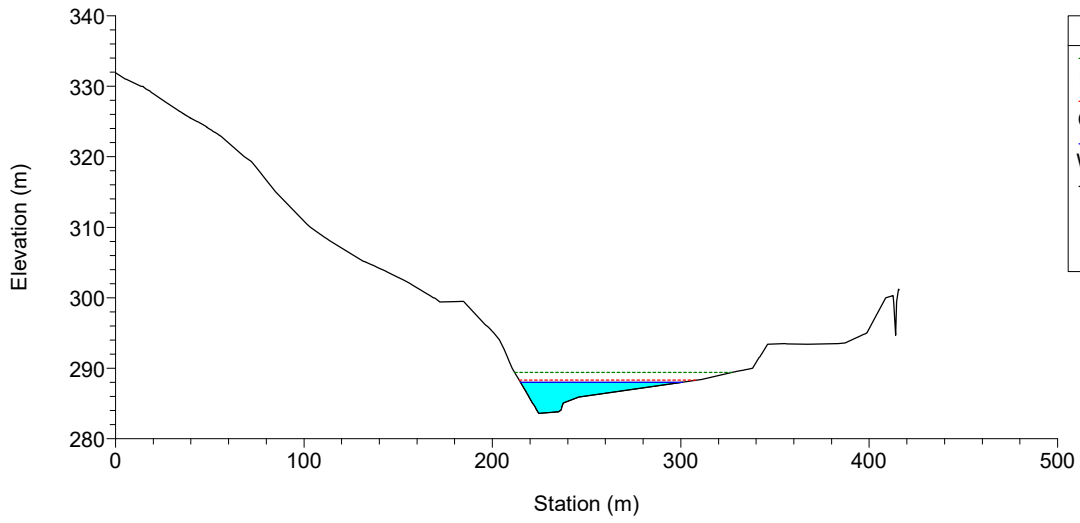
RS = 277



Legend	
EG Tr=100	Green dashed line
WS Tr=100	Blue solid line
Crit Tr=100	Red dashed line
Ground	Black solid line
Bank Sta	Black solid line

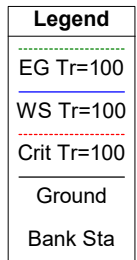
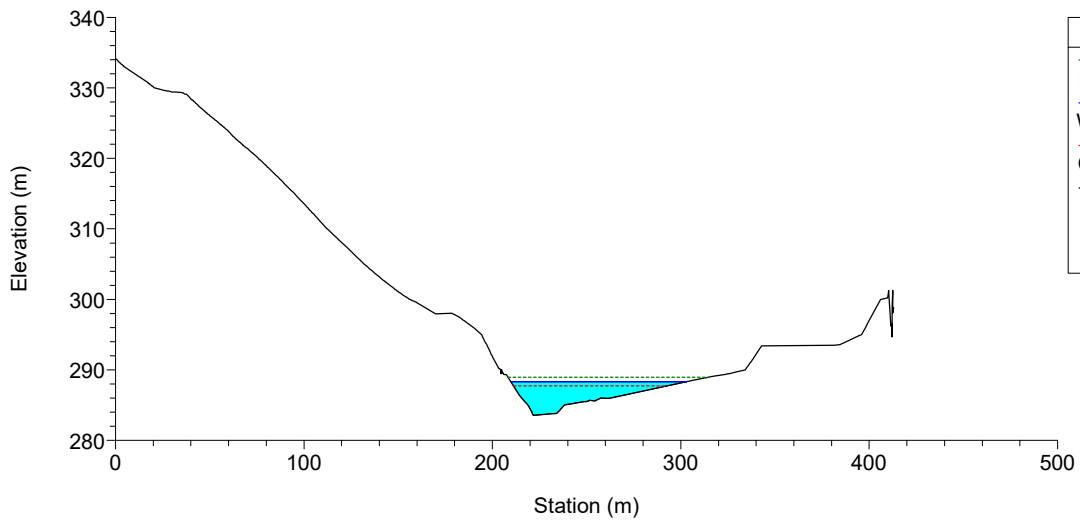
POST OPERAM

RS = 276



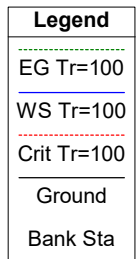
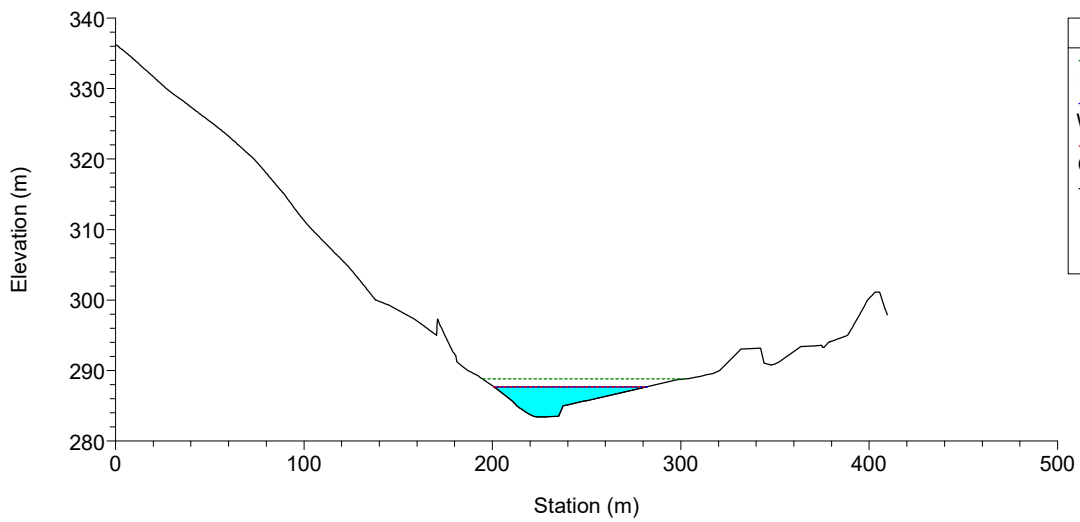
POST OPERAM

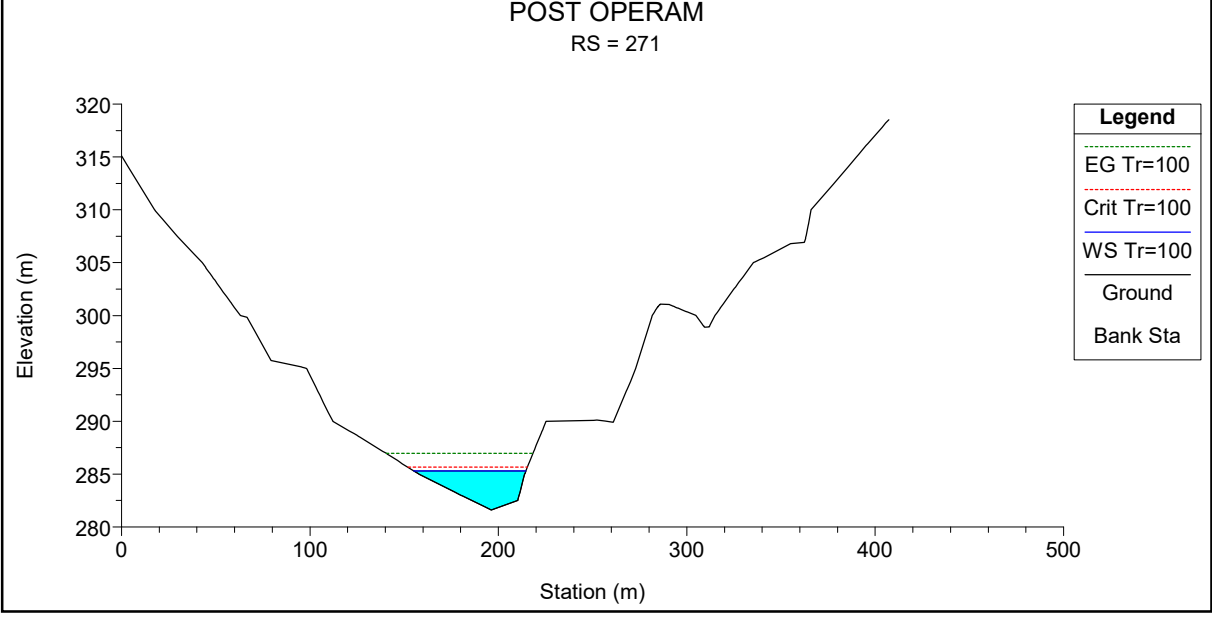
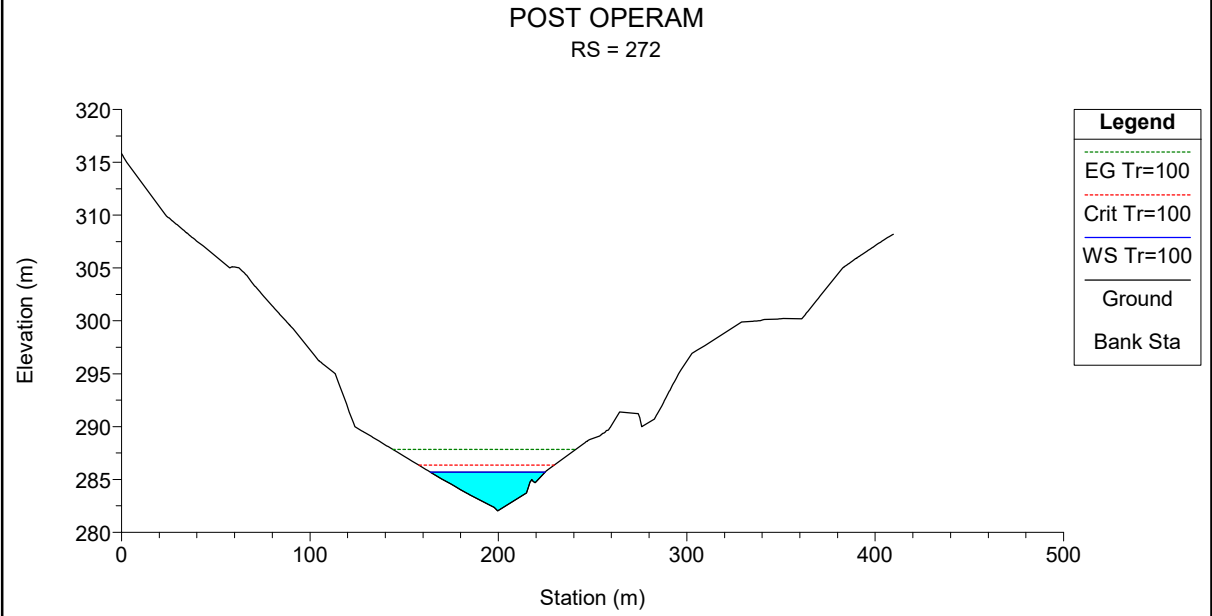
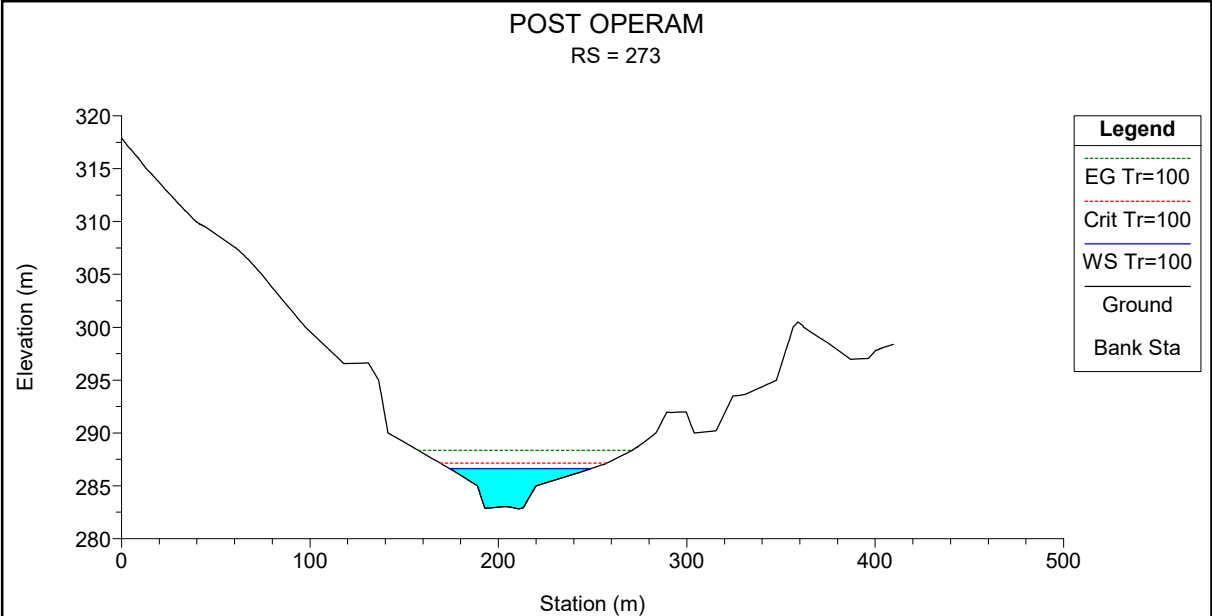
RS = 275

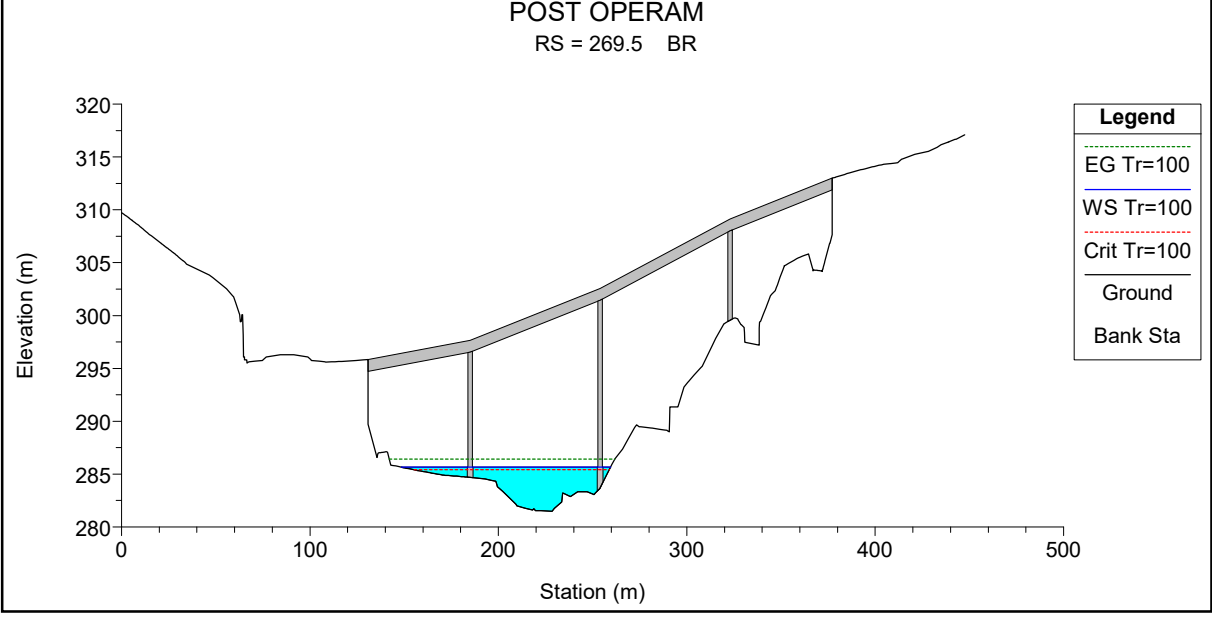
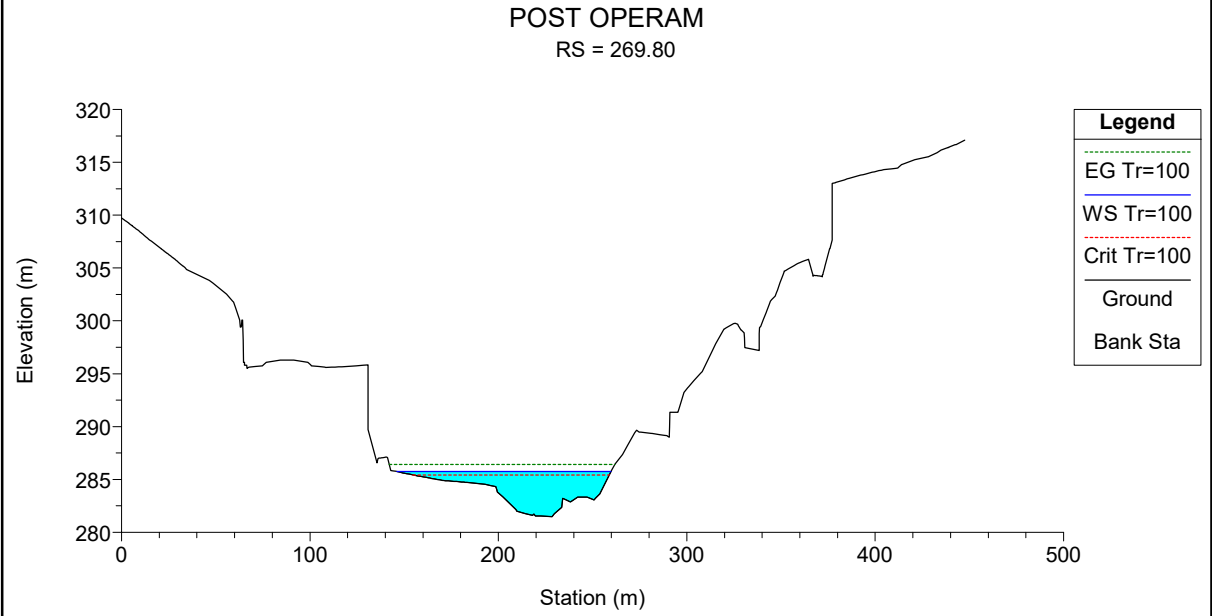
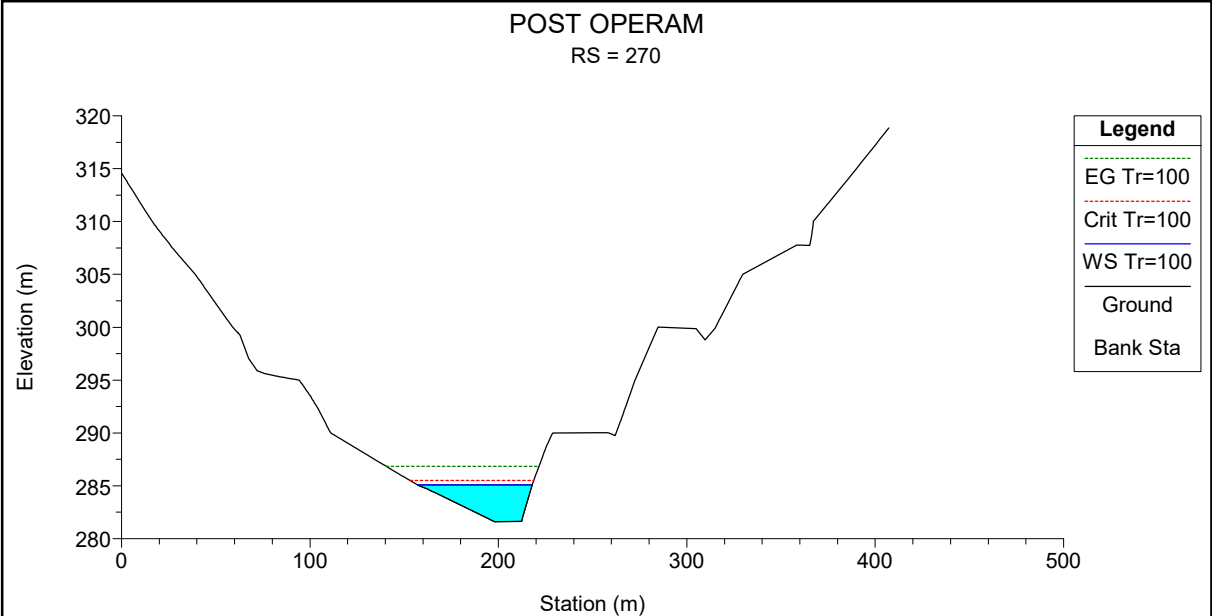


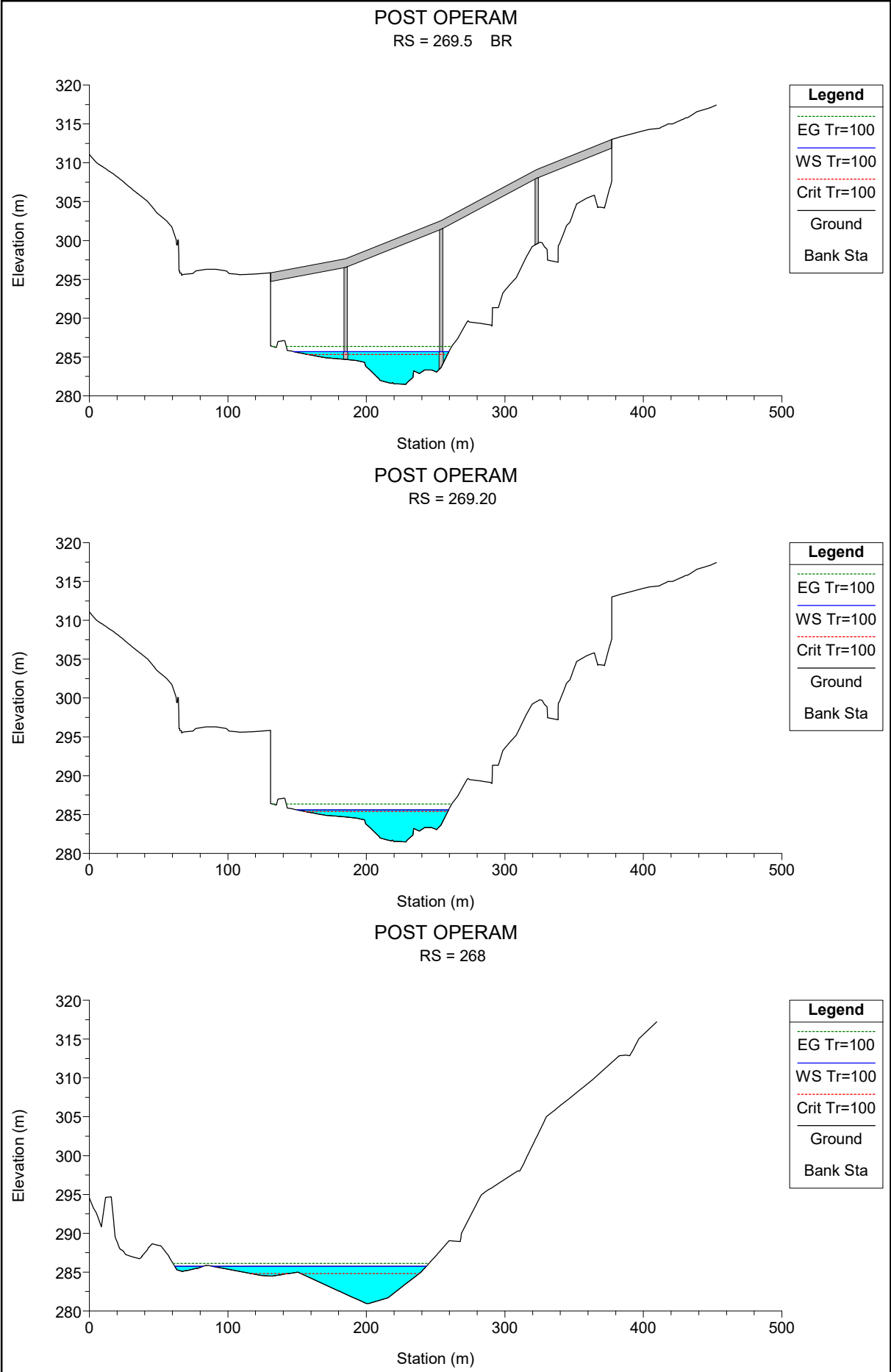
POST OPERAM

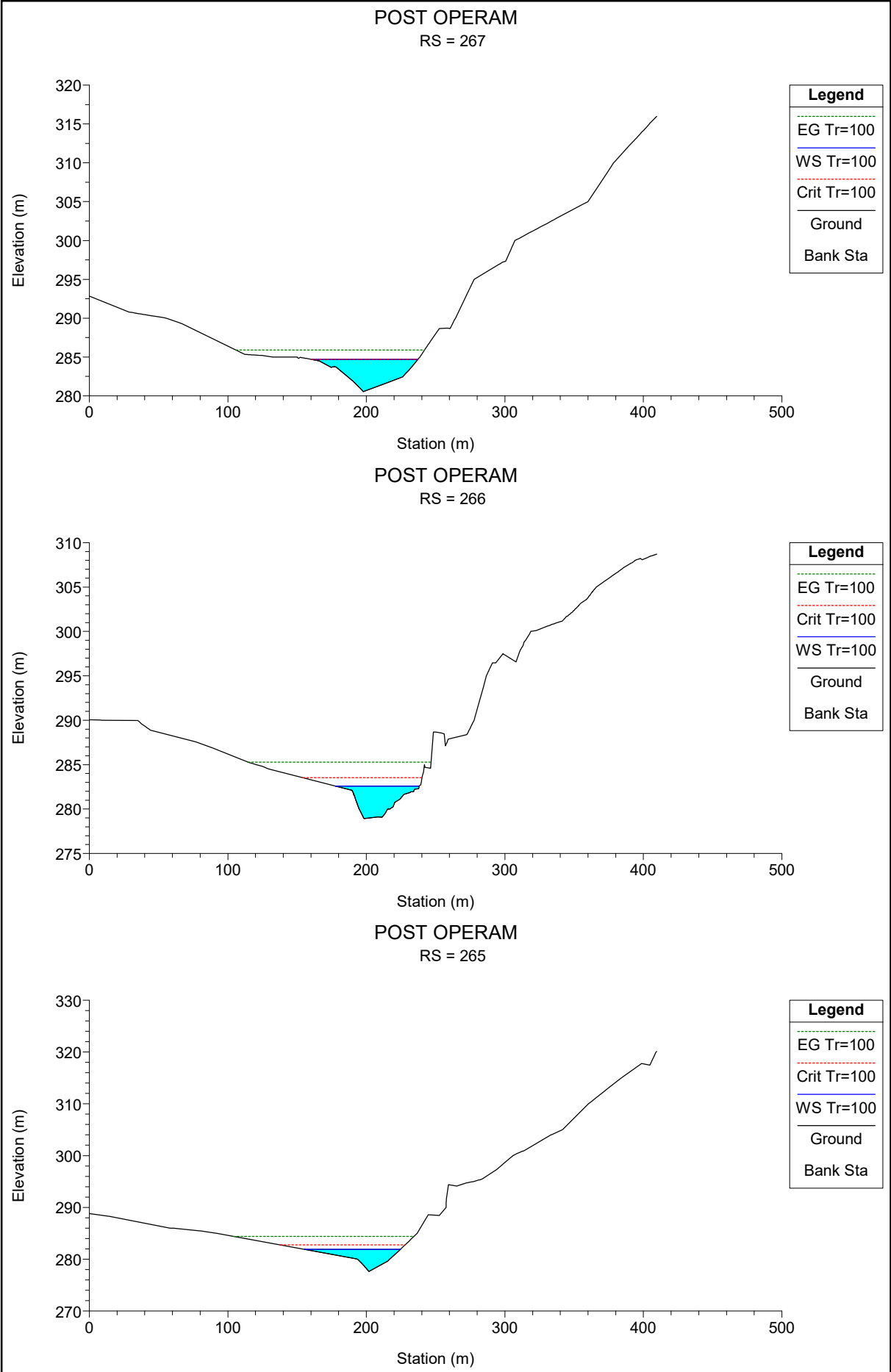
RS = 274



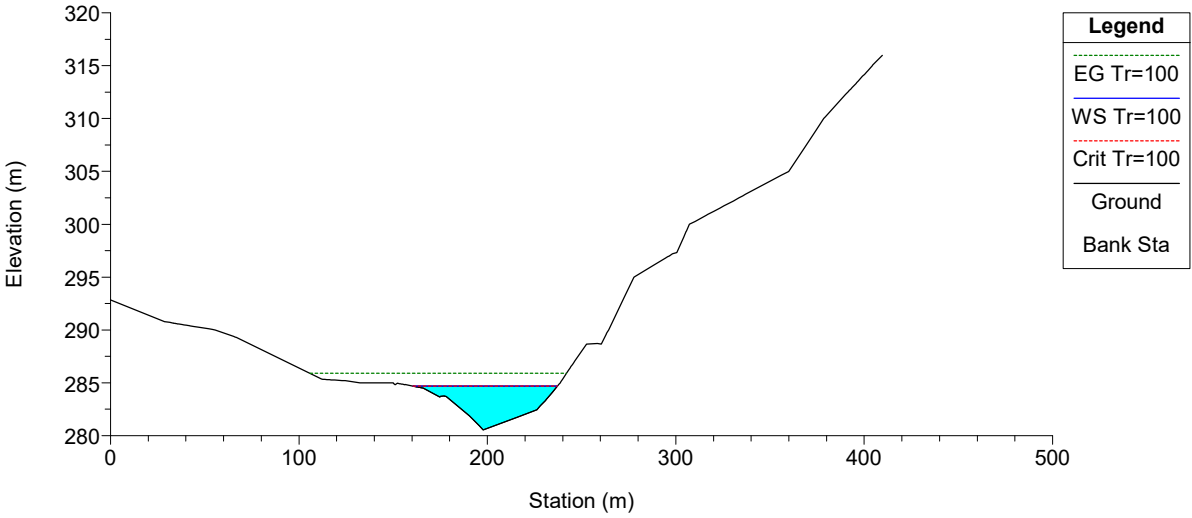




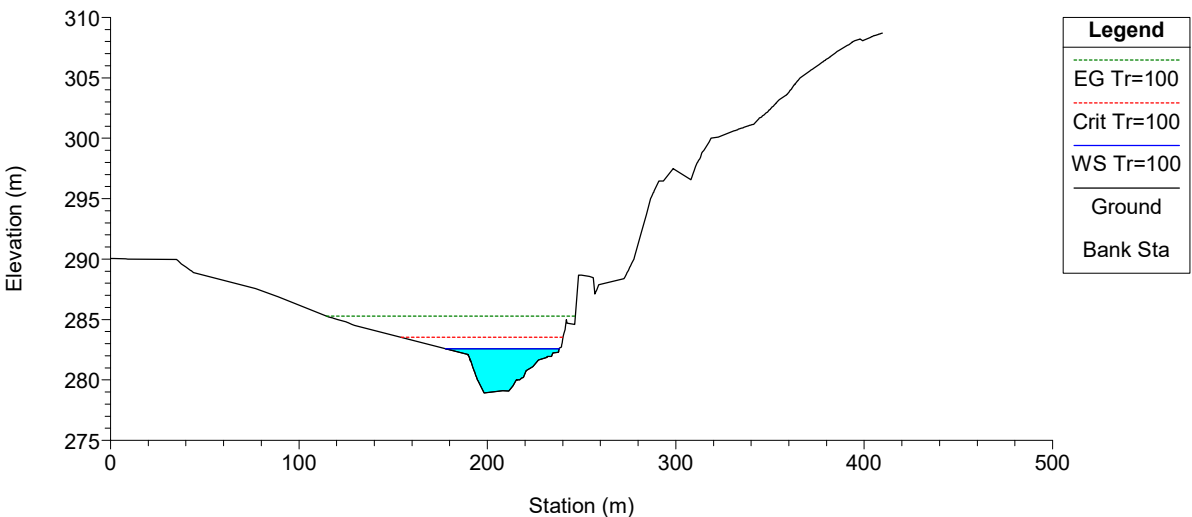




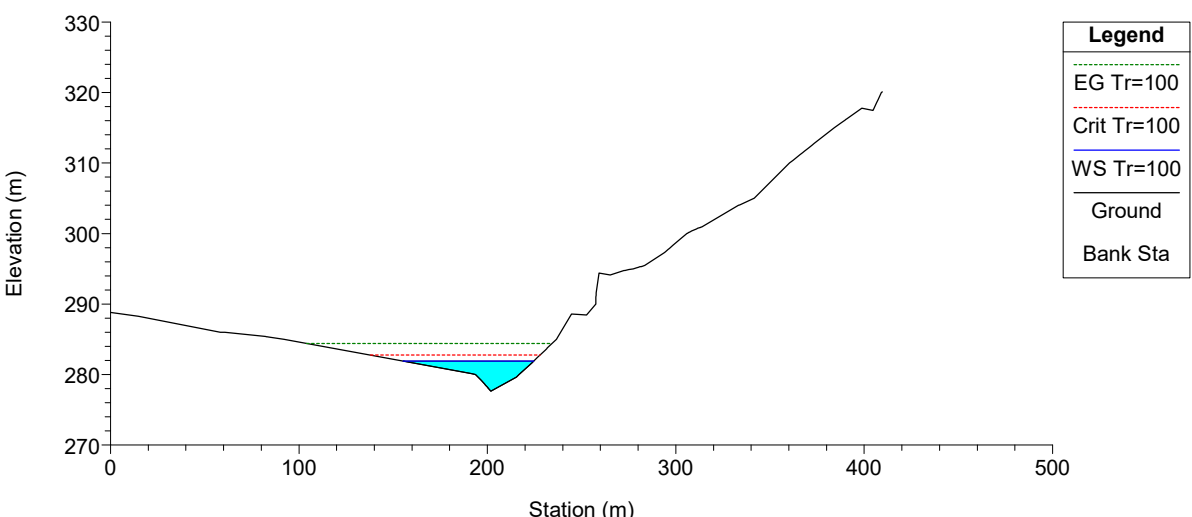
POST OPERAM
RS = 267

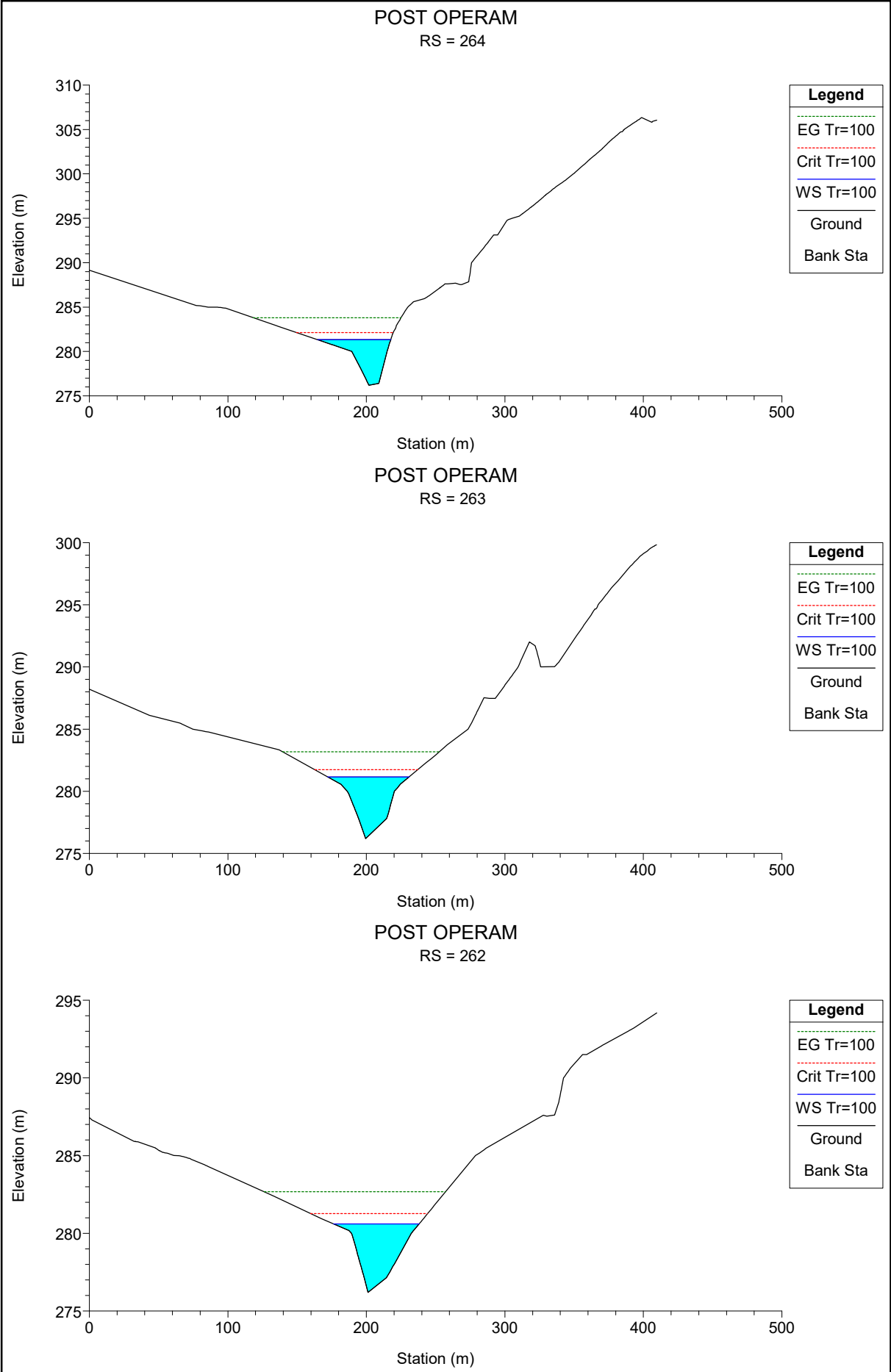


POST OPERAM
RS = 266



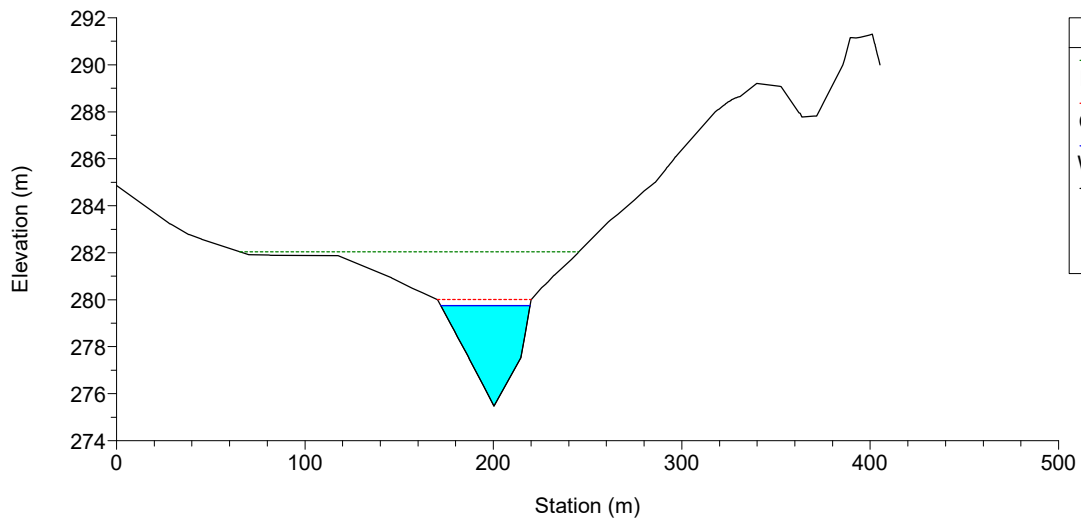
POST OPERAM
RS = 265





POST OPERAM

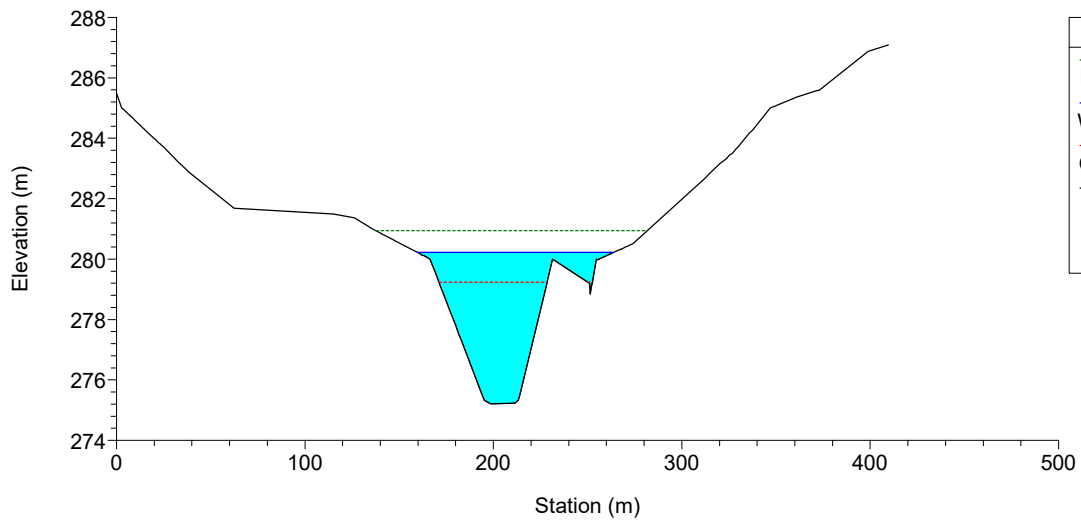
RS = 261



Legend	
EG Tr=100	---
Crit Tr=100	---
WS Tr=100	---
Ground	—
Bank Sta	—

POST OPERAM

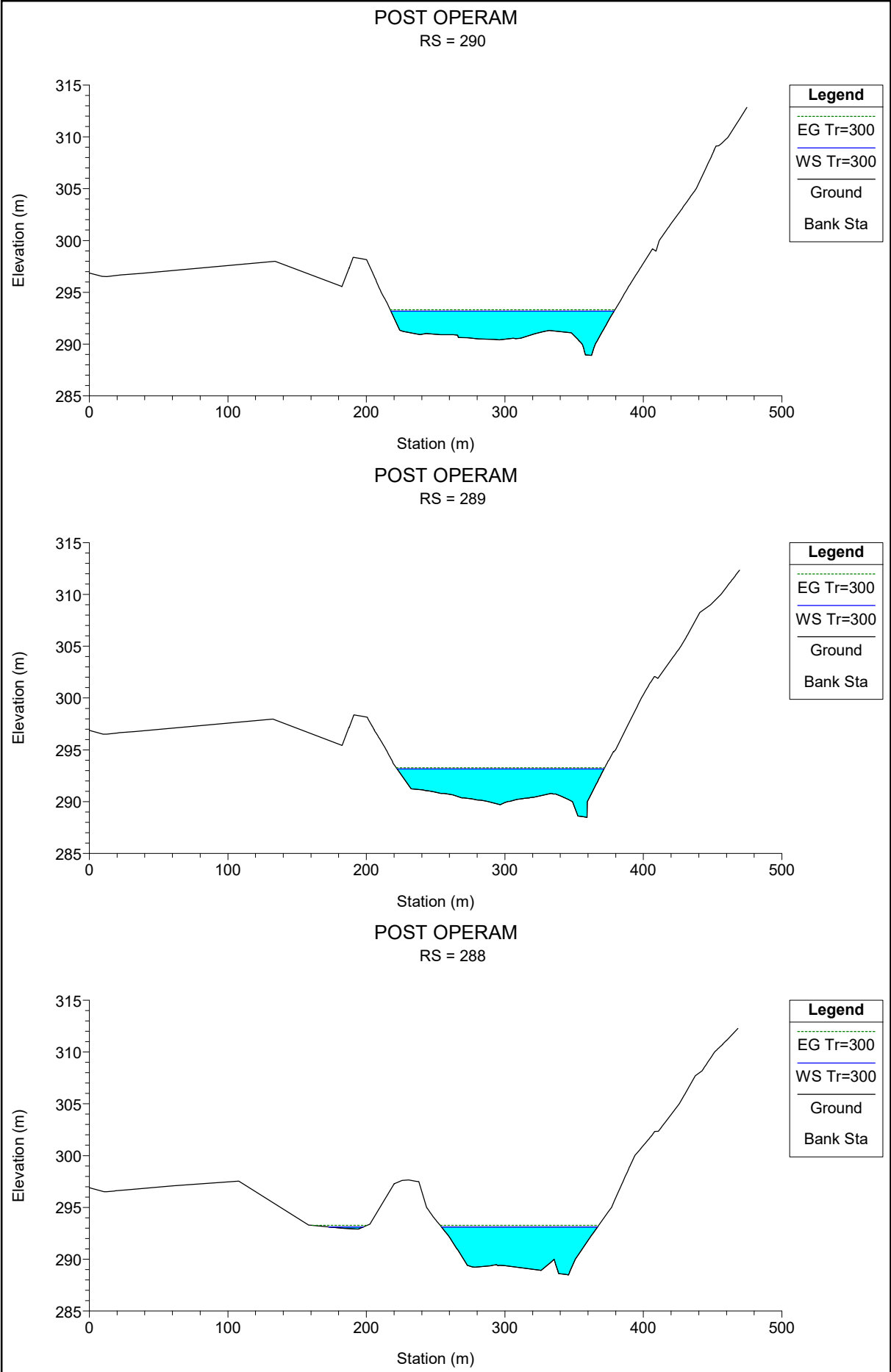
RS = 260

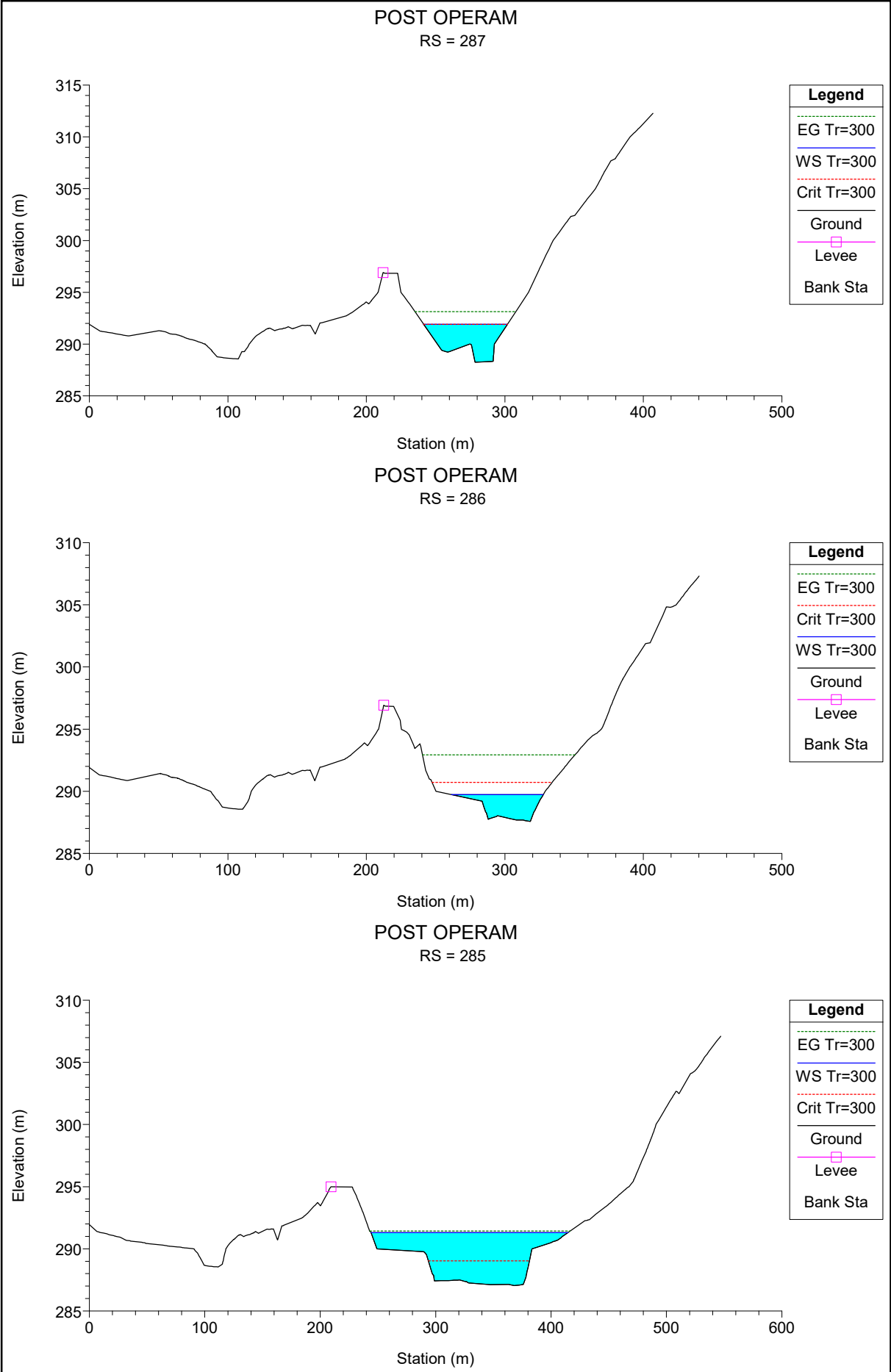


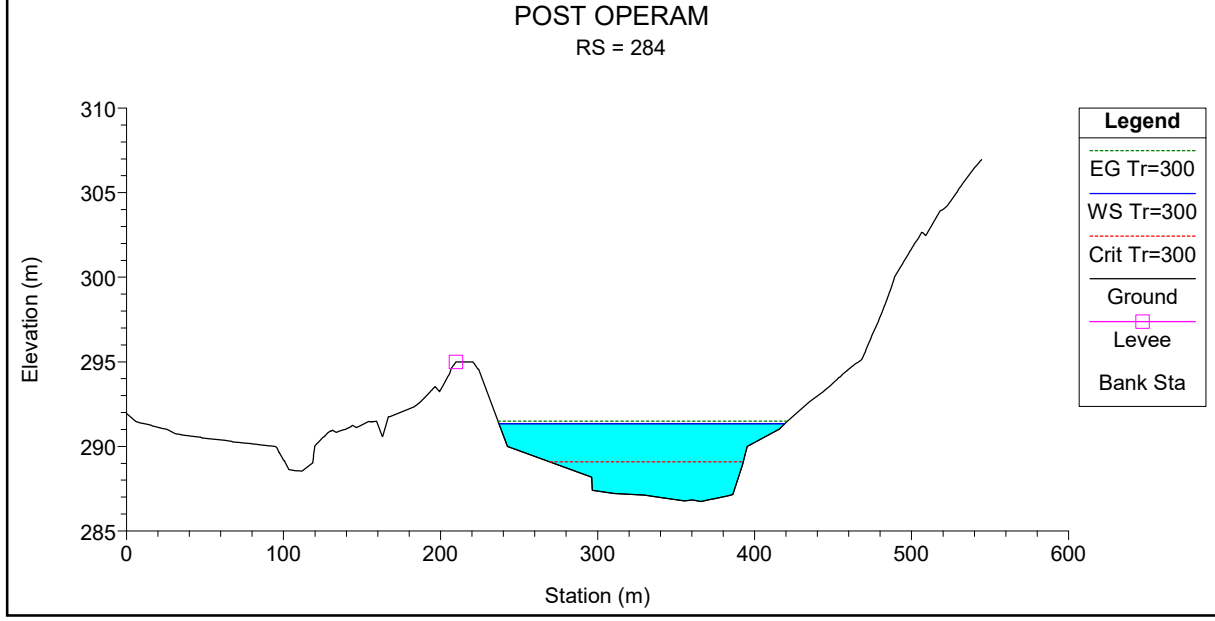
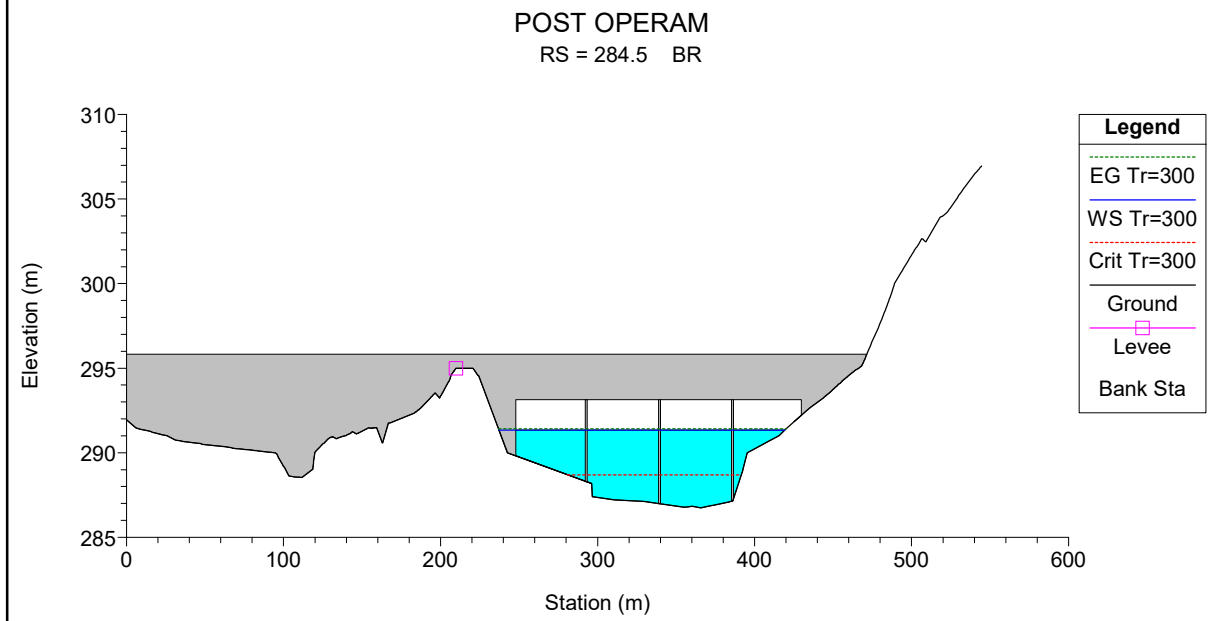
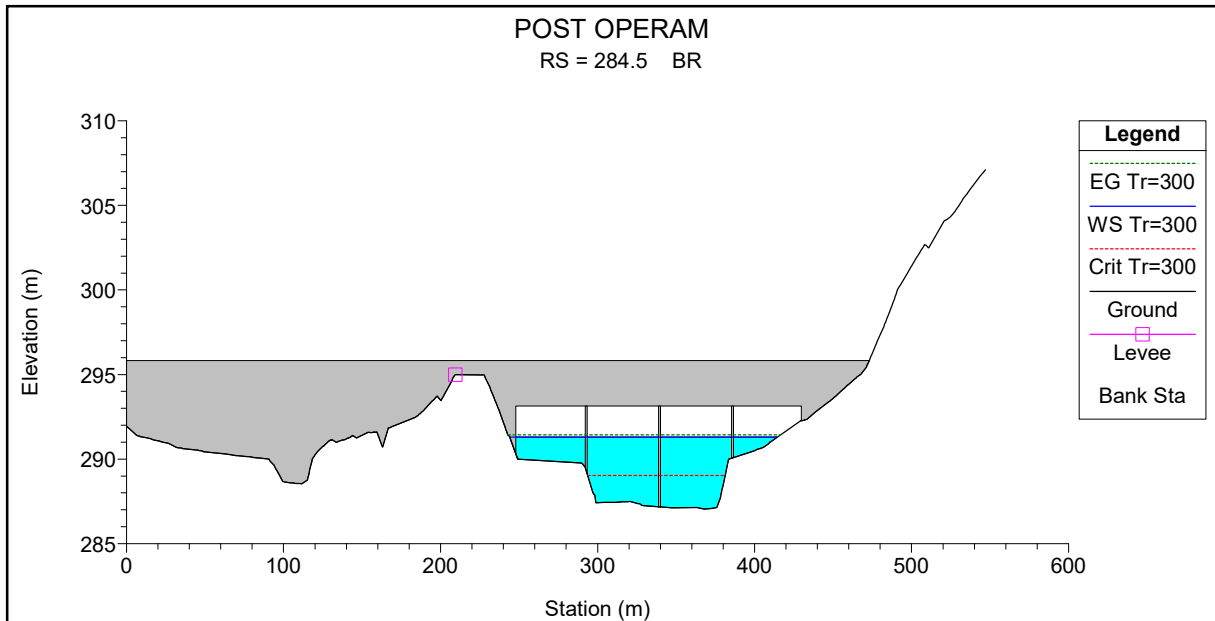
Legend	
EG Tr=100	---
WS Tr=100	---
Crit Tr=100	---
Ground	—
Bank Sta	—

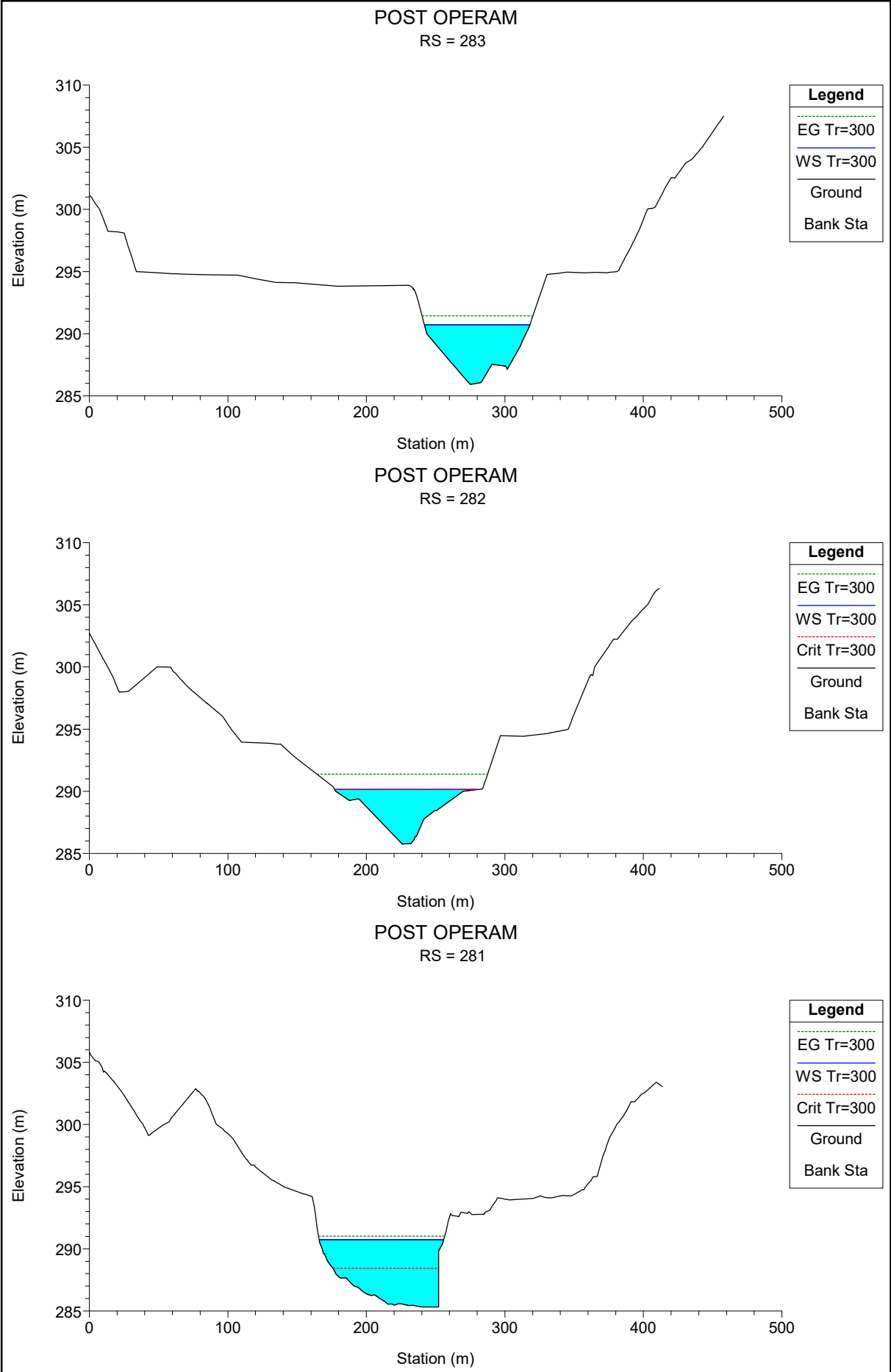
SEZIONI IDRAULICHE POST OPERAM

TR 300 ANNI

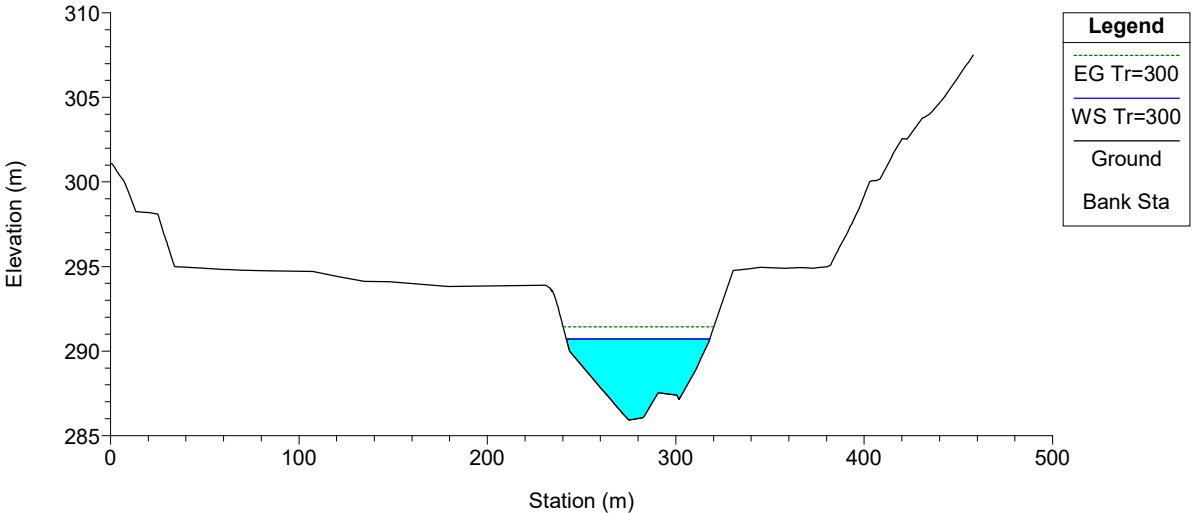




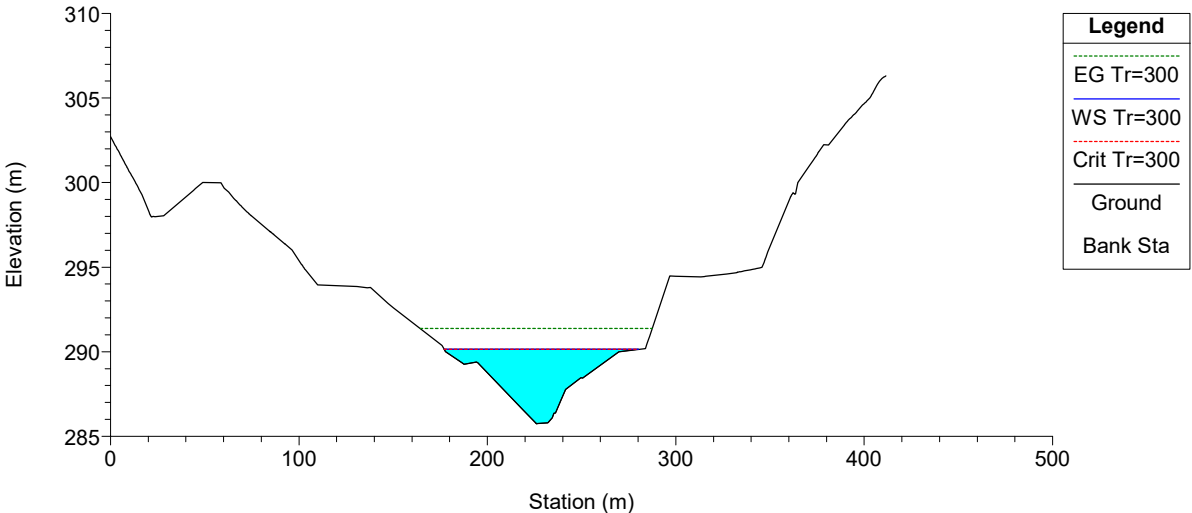




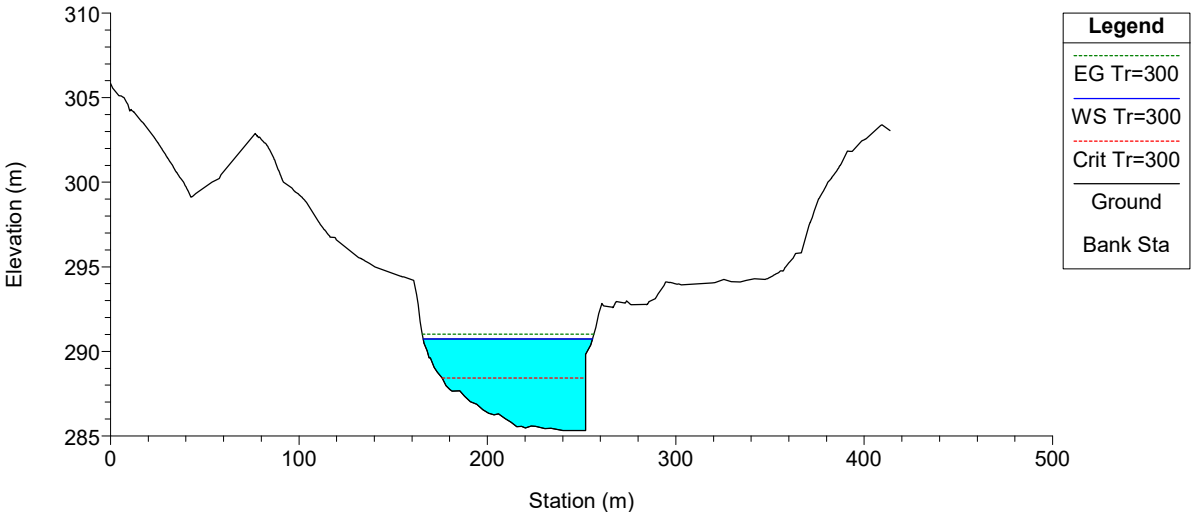
POST OPERAM
RS = 283

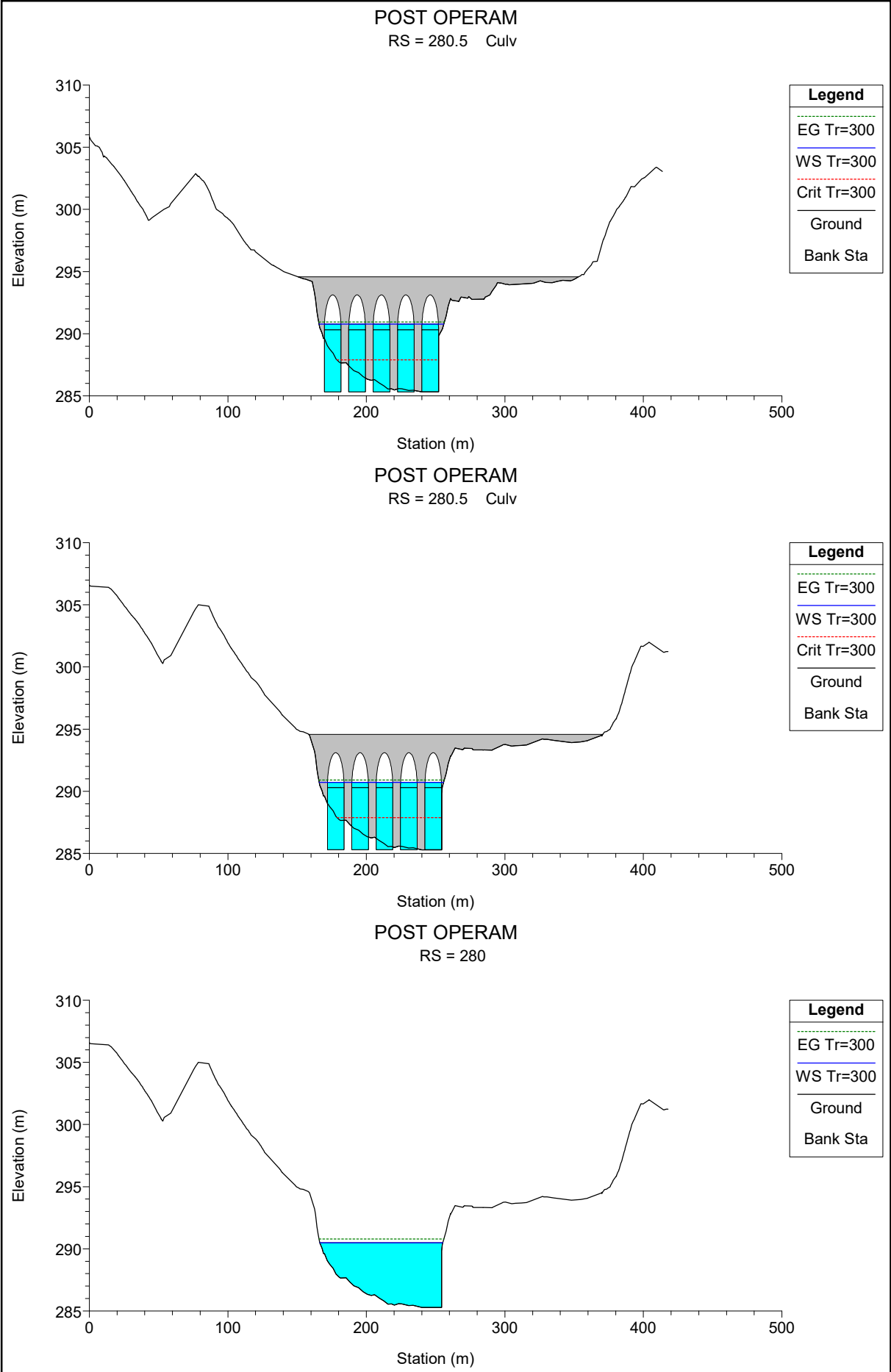


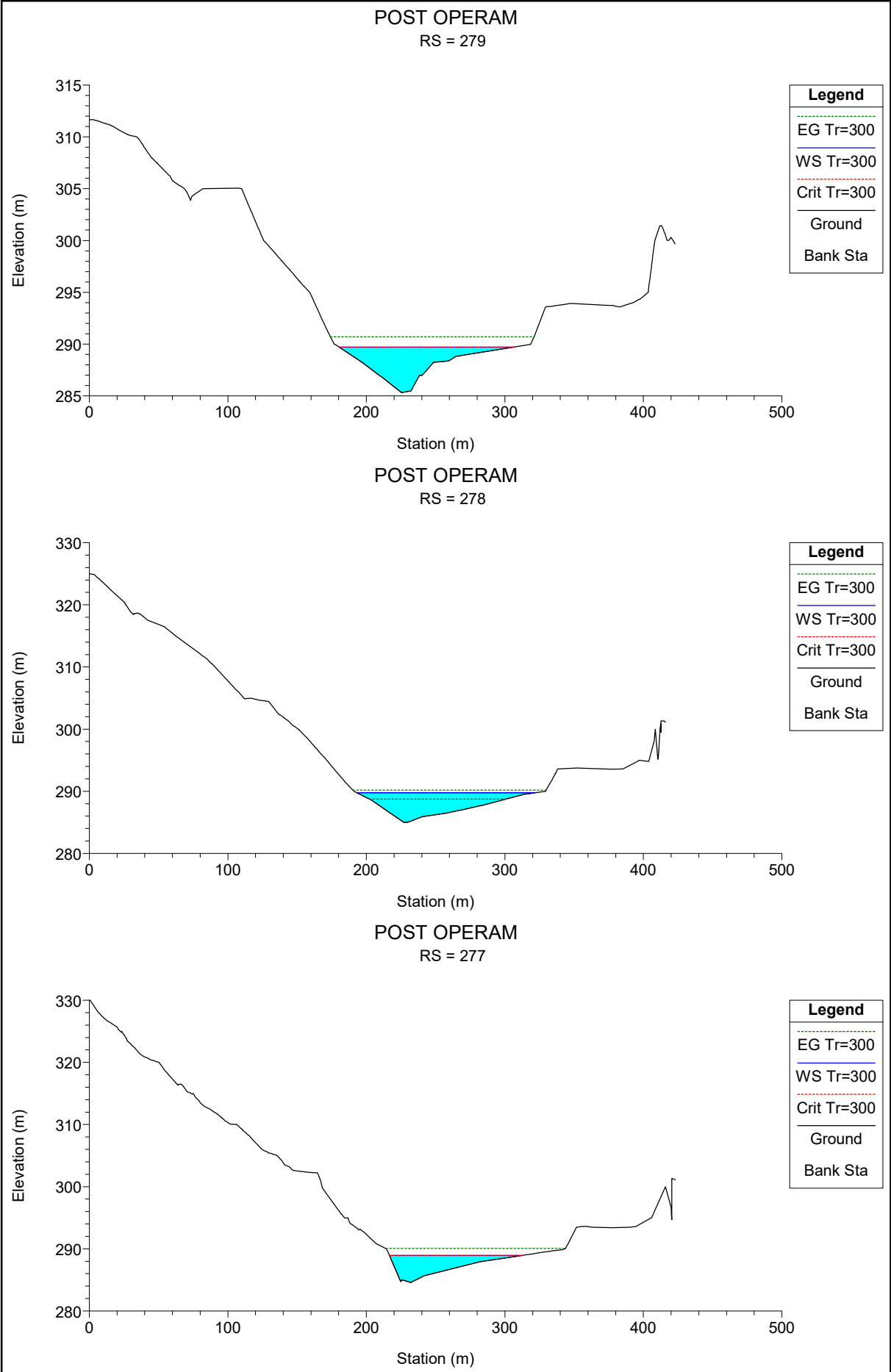
POST OPERAM
RS = 282



POST OPERAM
RS = 281

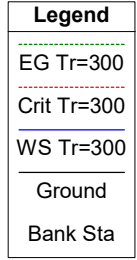
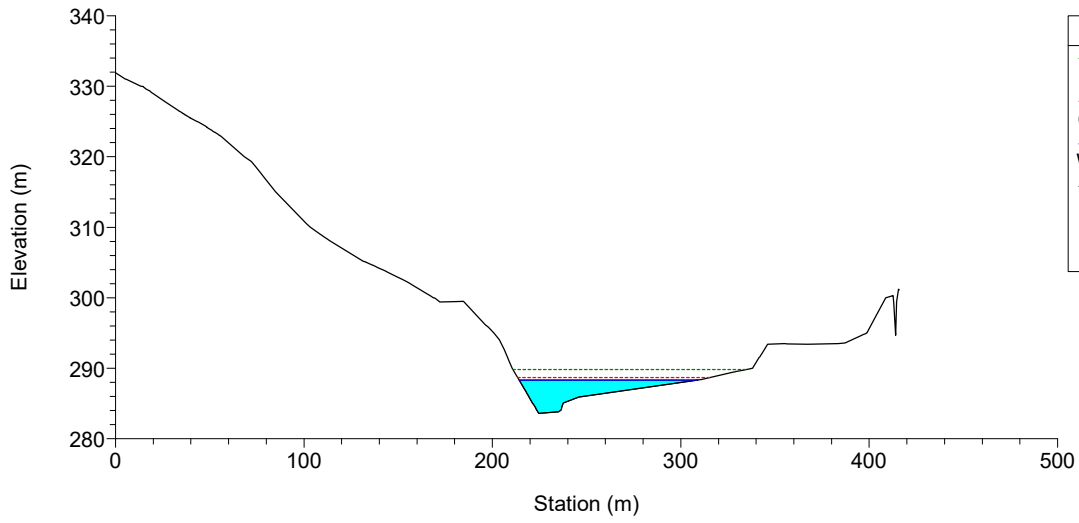






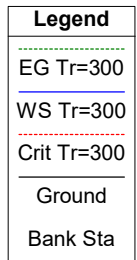
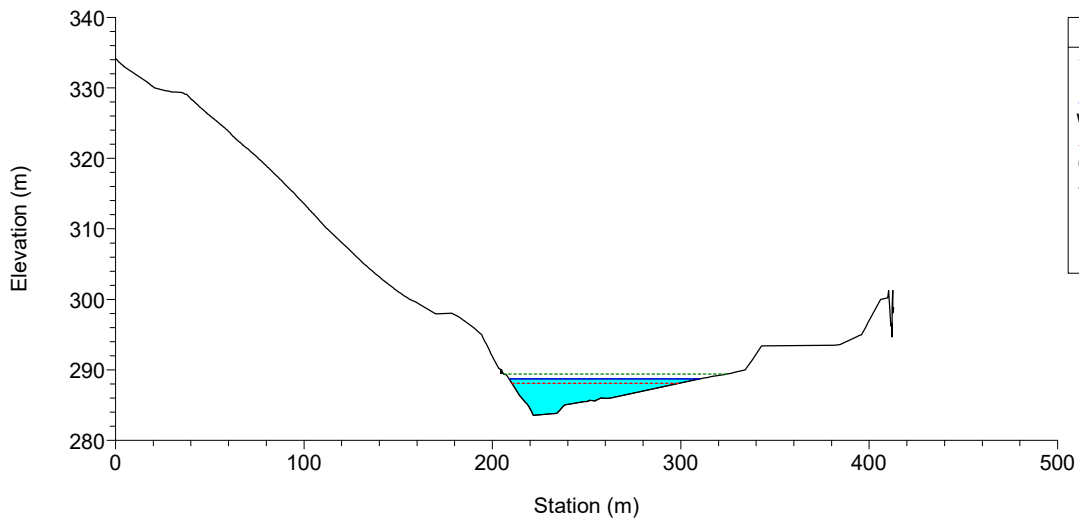
POST OPERAM

RS = 276



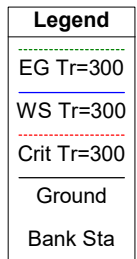
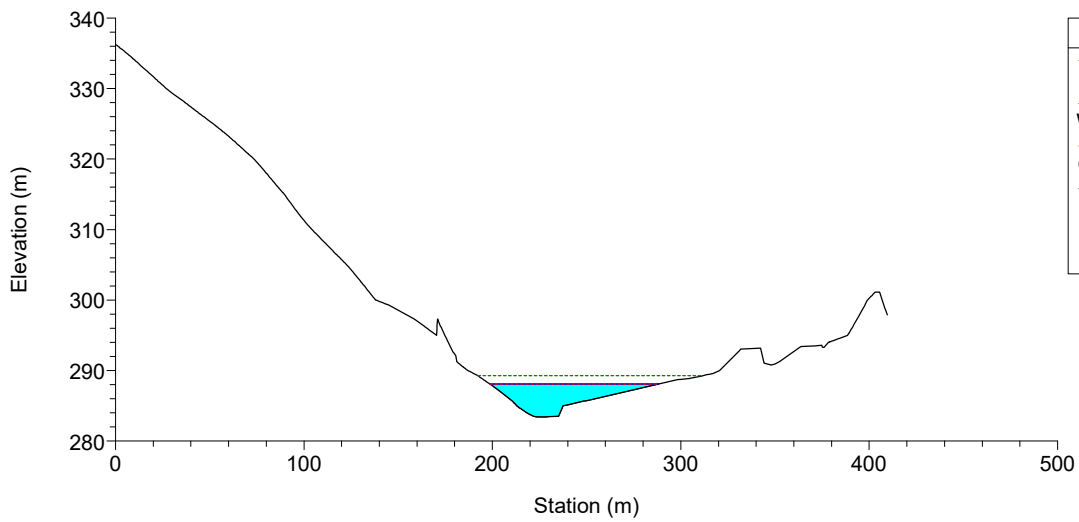
POST OPERAM

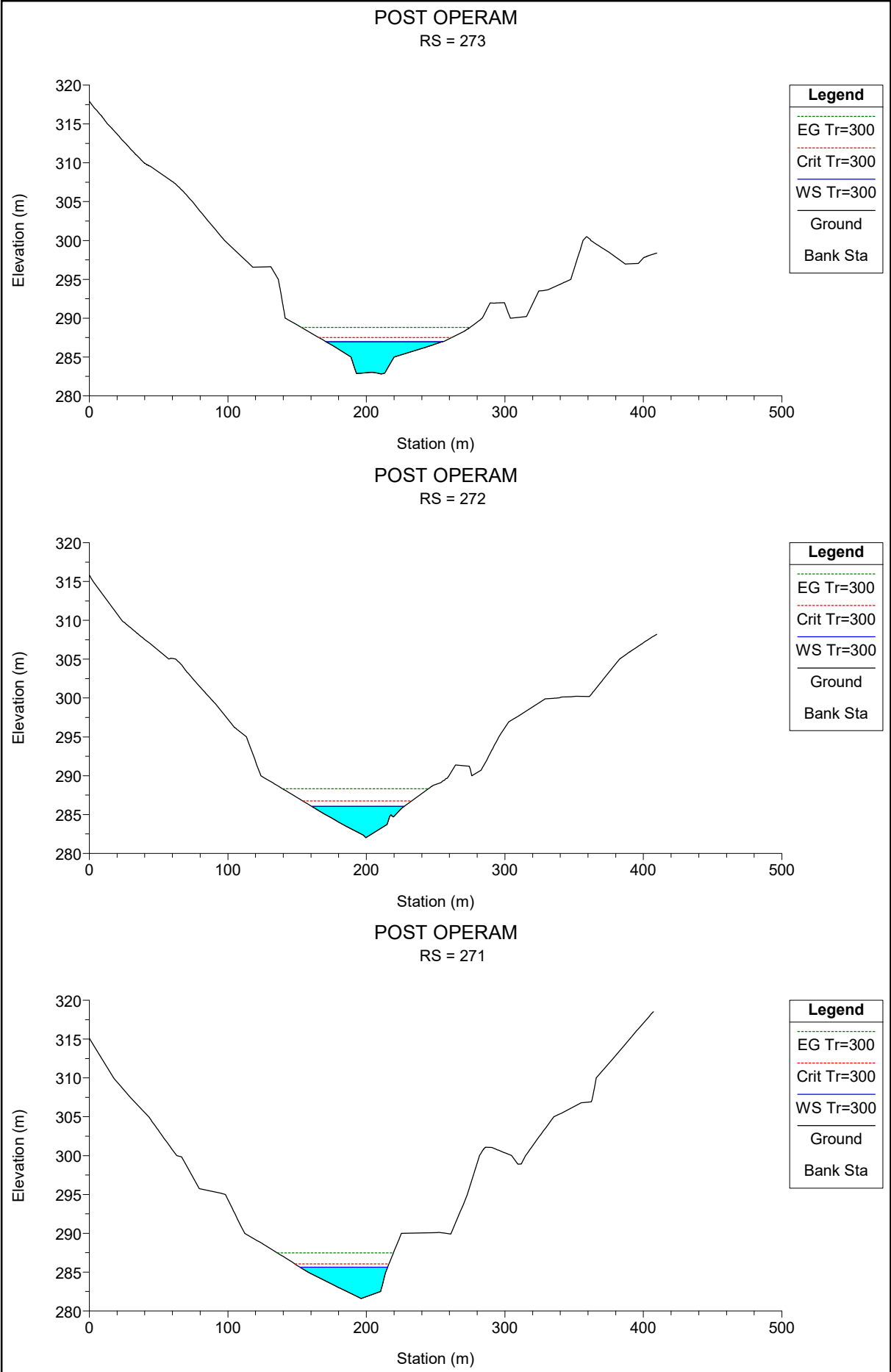
RS = 275

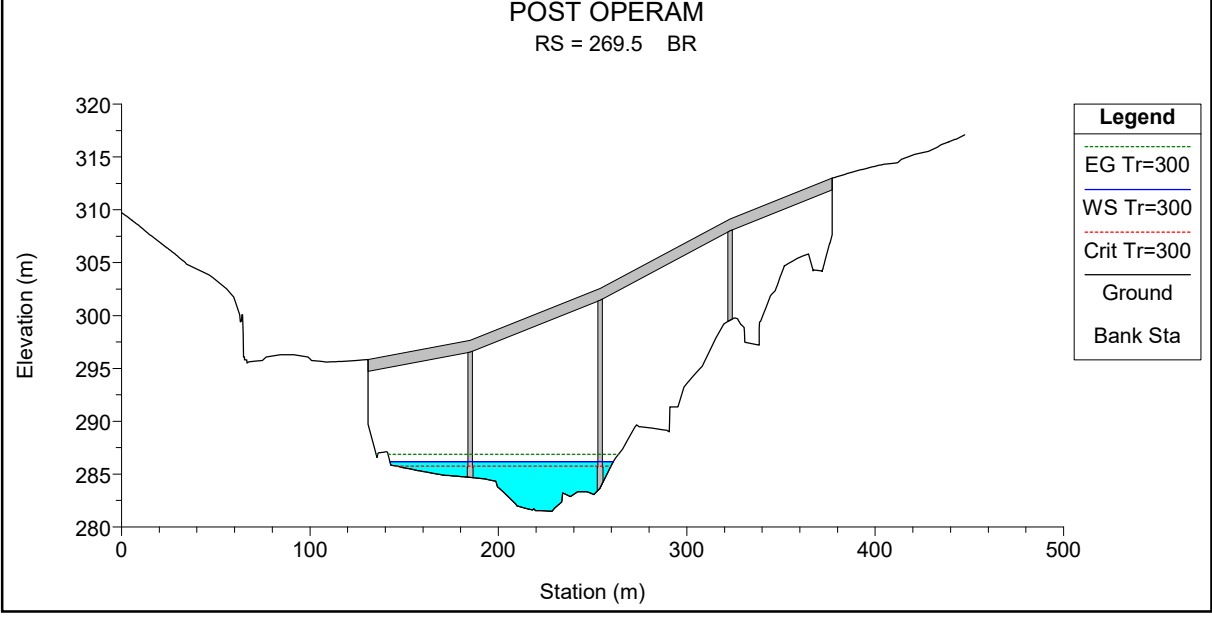
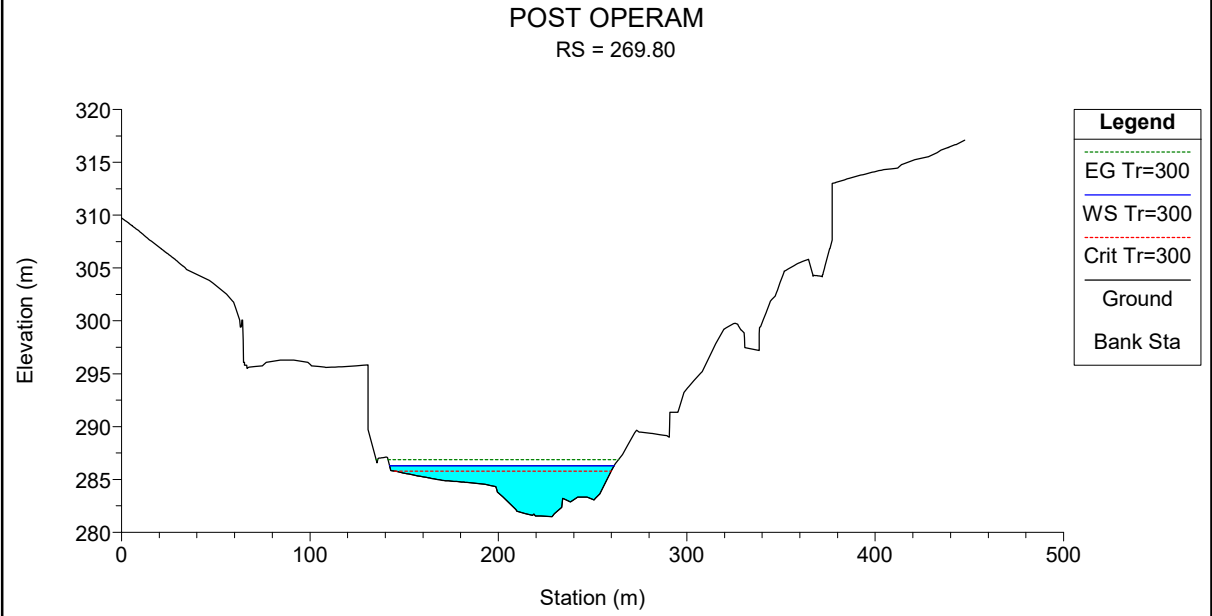
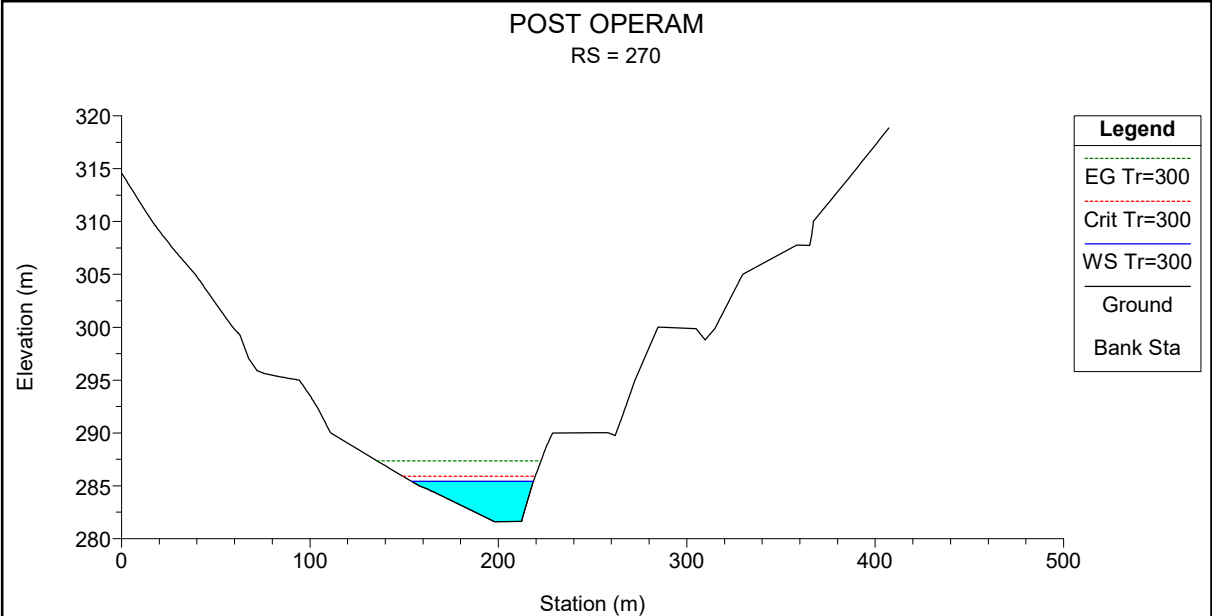


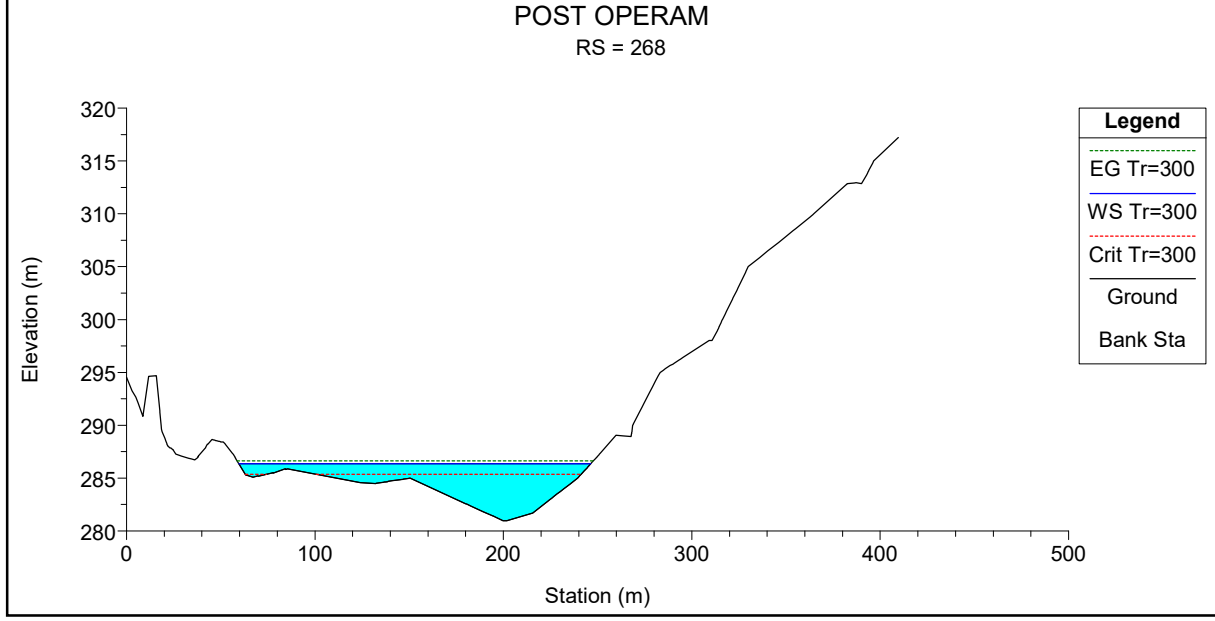
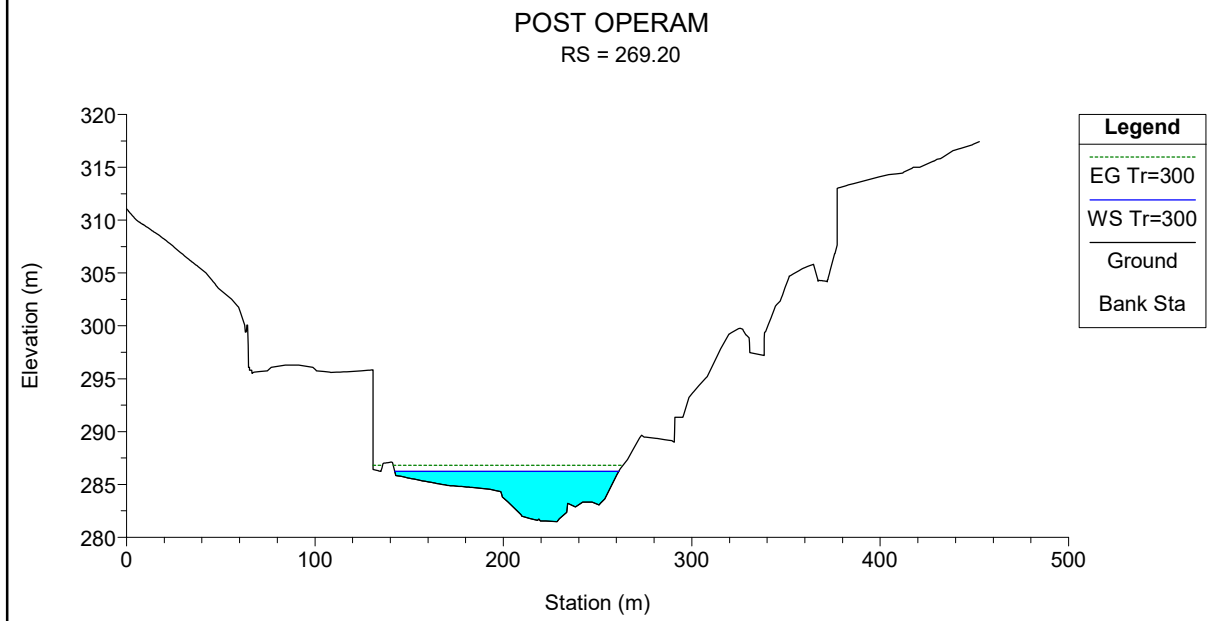
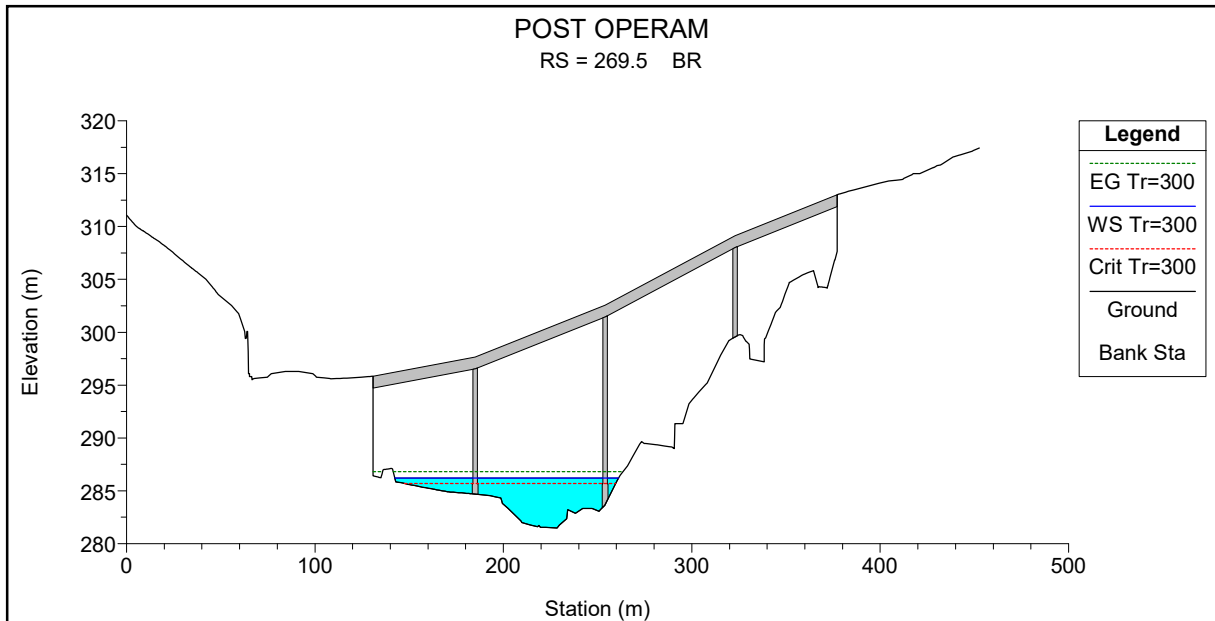
POST OPERAM

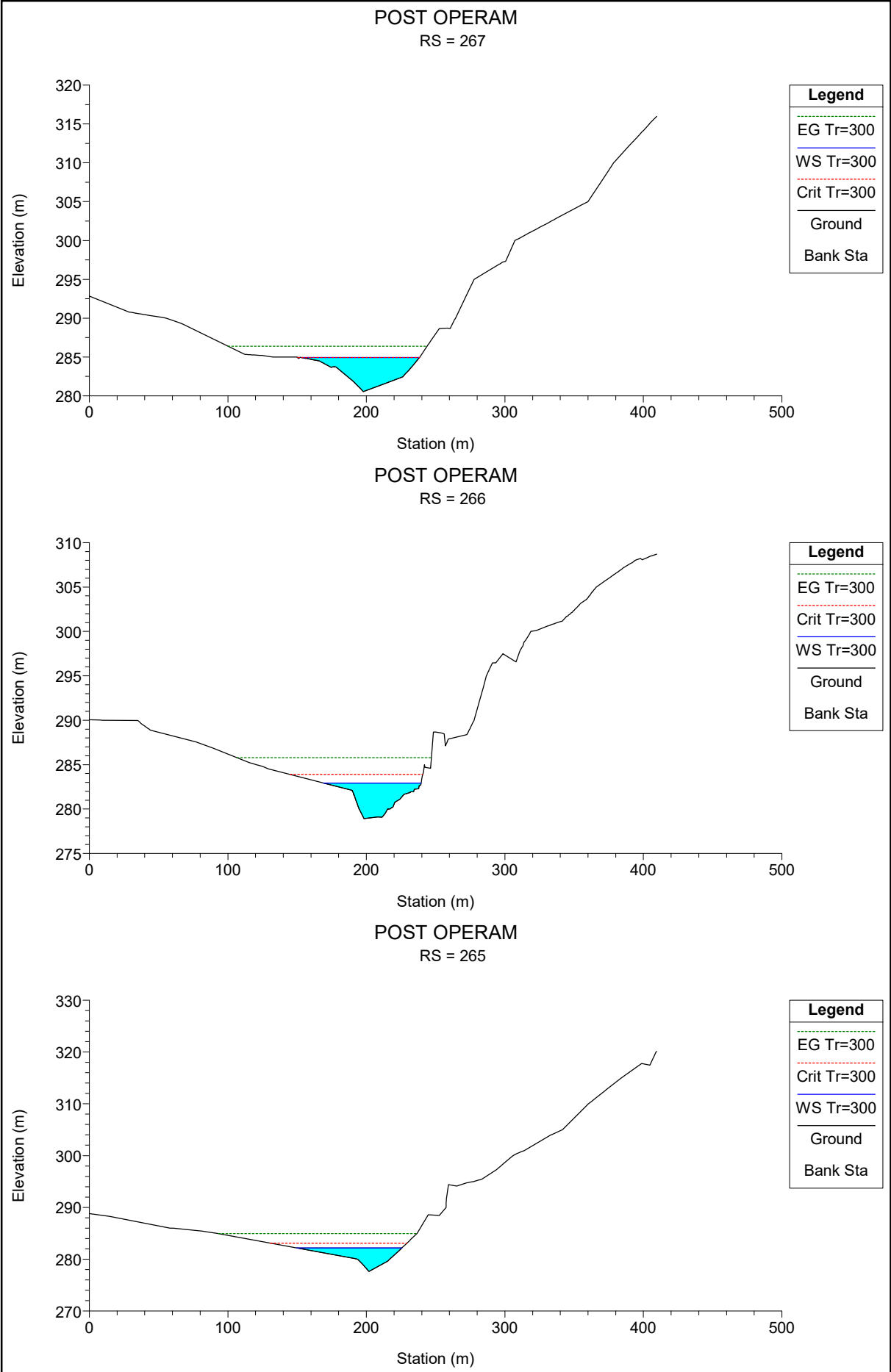
RS = 274

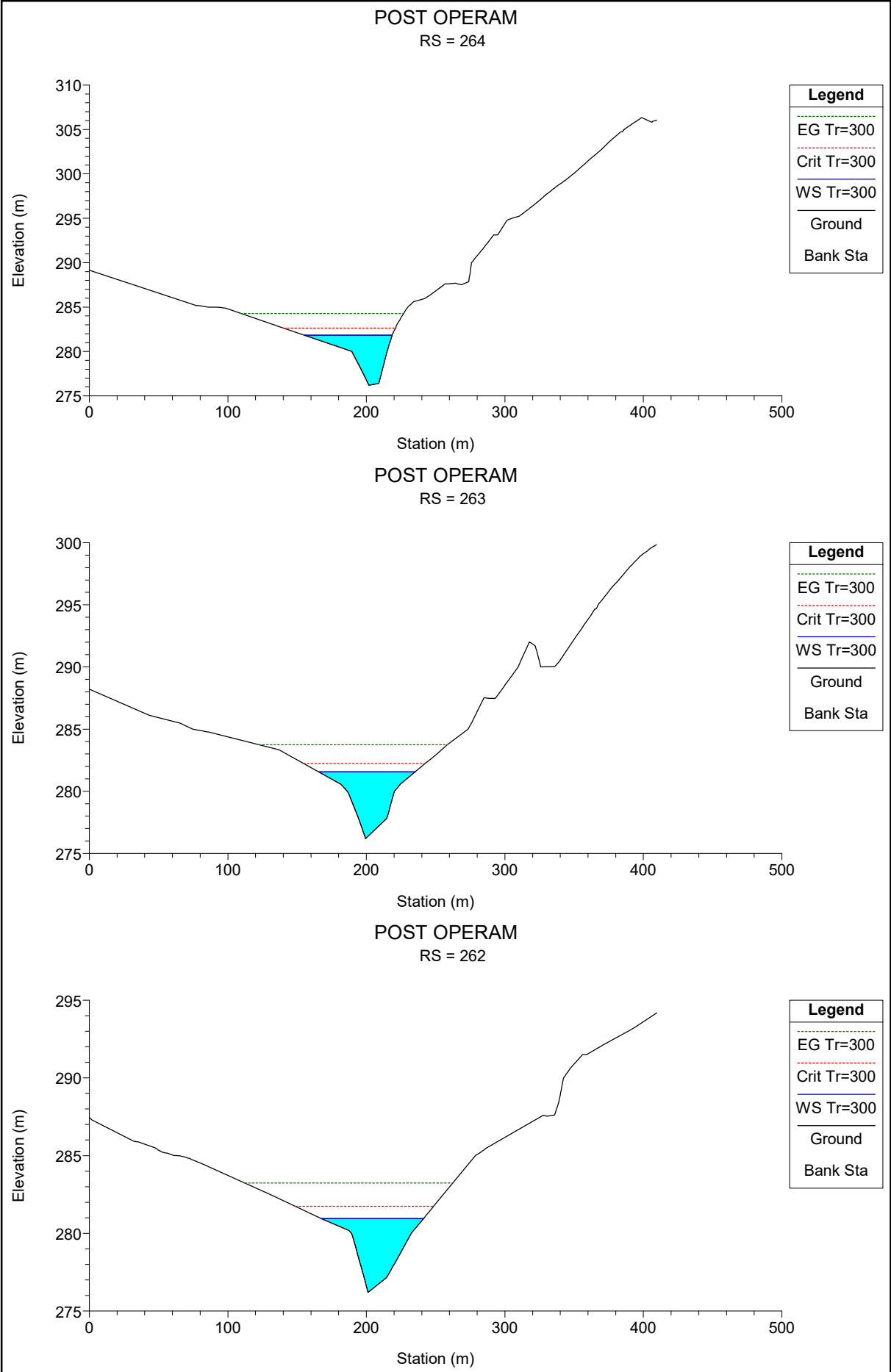






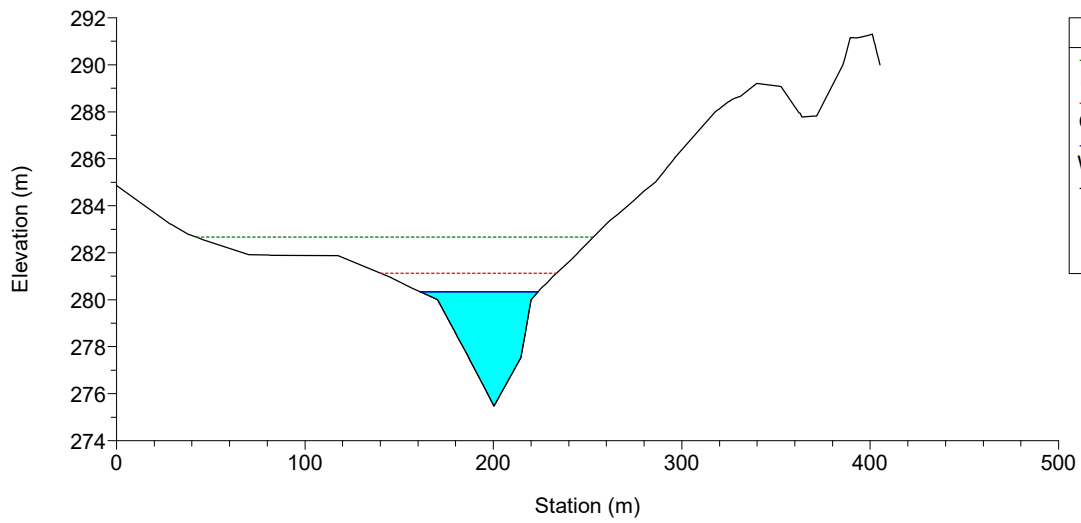






POST OPERAM

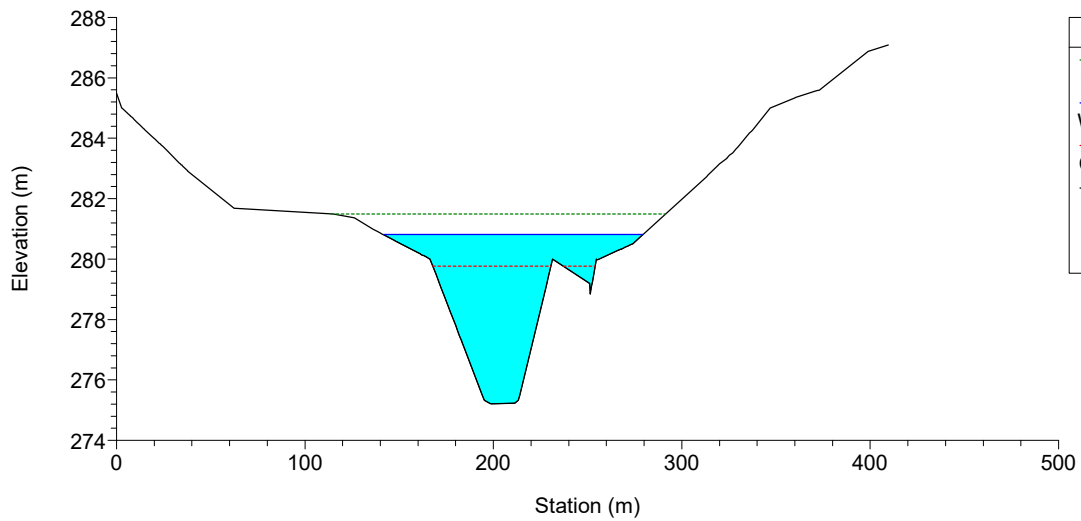
RS = 261



Legend	
EG Tr=300	---
Crit Tr=300	---
WS Tr=300	---
Ground	—
Bank Sta	█

POST OPERAM

RS = 260



Legend	
EG Tr=300	---
WS Tr=300	---
Crit Tr=300	---
Ground	—
Bank Sta	█