



**CODE OF PRACTICE  
FOR  
OPERATIONS & SAFEWORKING**

**NETWORK INTERFACE  
CO-ORDINATION PLAN**

***DOCUMENT No. TA02***

***ISSUE 2.1***

***01 JUNE 2006***

***APPENDIX XIII***

***ARTC GRADES***

***ADELAIDE TO CRYSTAL BROOK***

DOCUMENT UNCONTROLLED WHEN PRINTED

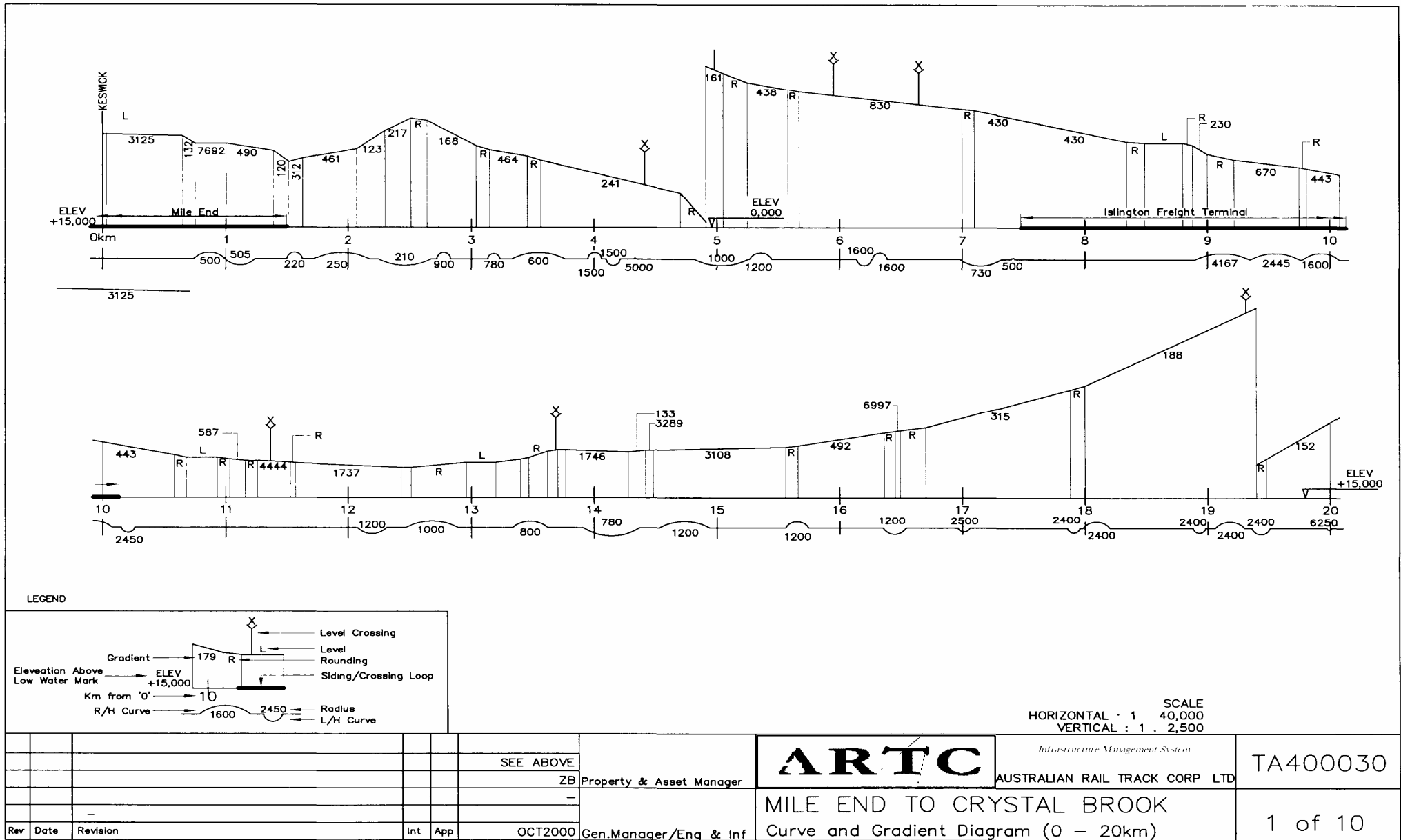
**CURVE AND GRADIENT DIAGRAM**

**ADELAIDE to CRYSTAL BROOK**

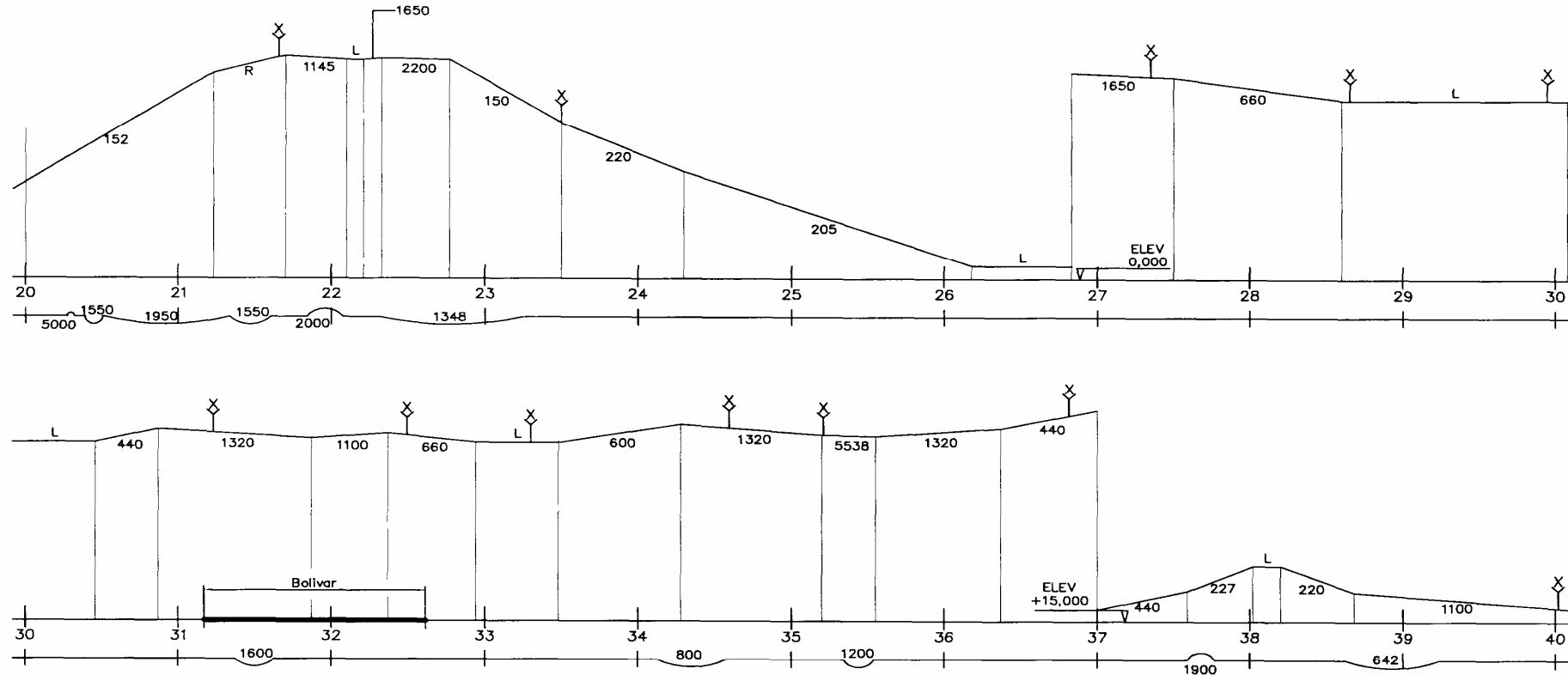
**From Mile End (0km) to Crystal Brook(197.21km)**

**& Broken Hill line connection at Crystal Brook (196.30km to 197.25km)**

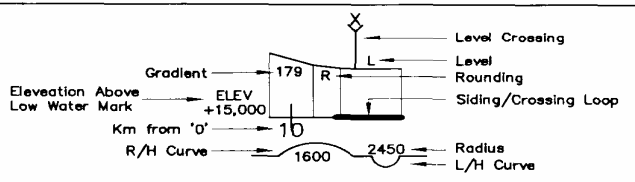
# Grades: Adelaide to Crystal Brook



# Grades: Adelaide to Crystal Brook



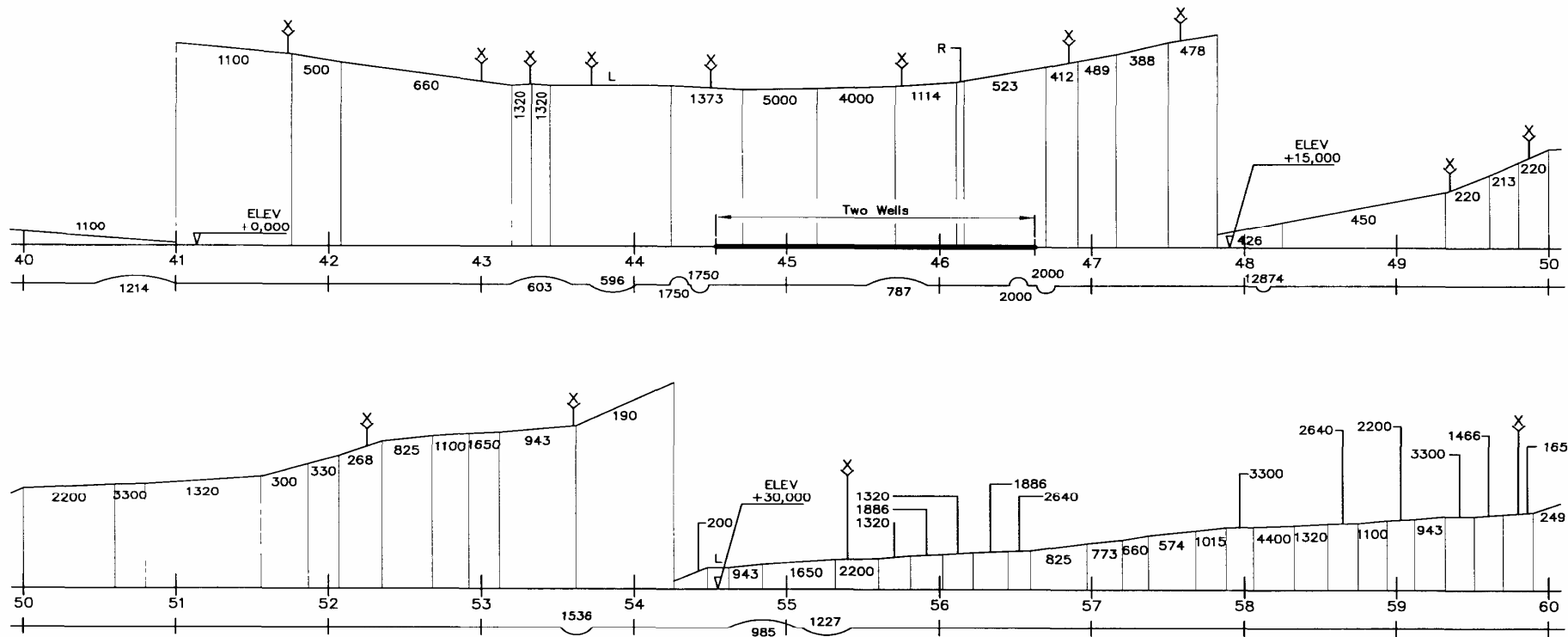
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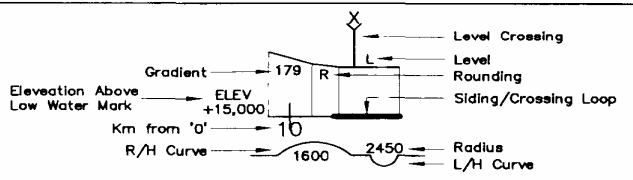
SCALE  
 HORIZONTAL 1 : 40,000  
 VERTICAL : 1 : 2,500

					SEE ABOVE			
					ZB Property & Asset Manager			
Rev	Date	Revision	Int	App	OCT2000	Gen Manager/Eng & Inf.	 Infrastructure Management System AUSTRALIAN RAIL TRACK CORP. LTD	TA400030  2 of 10

# Grades: Adelaide to Crystal Brook



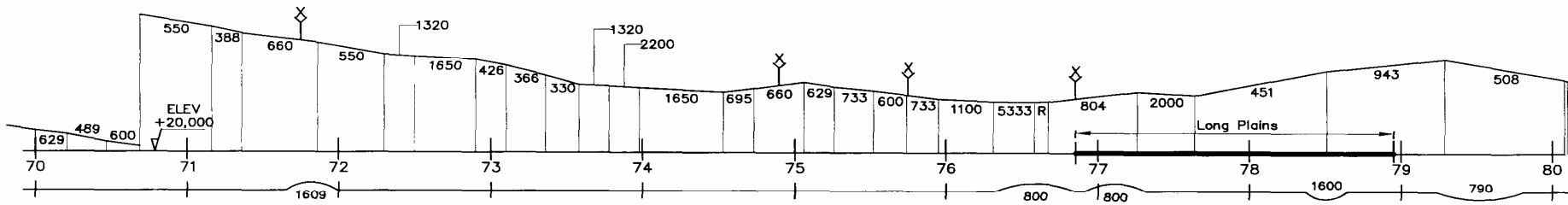
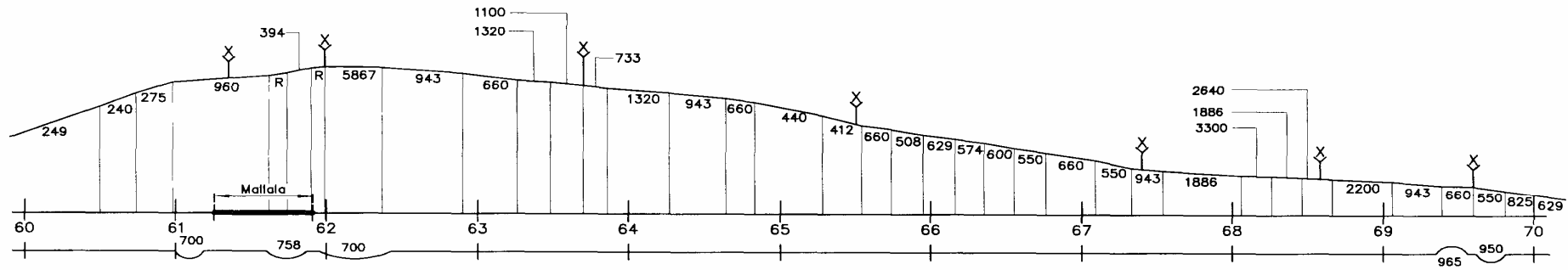
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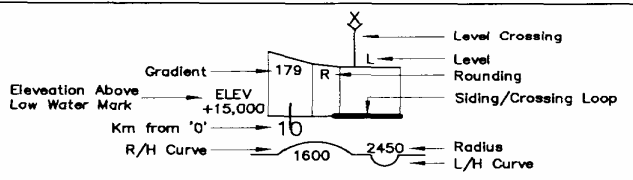
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 VERTICAL : 1 2,500

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					ZB	Property & Asset Manager			
Rev	Date	Revision	Int.	App.	OCT2000	Gen.Manager/Eng & Inf	 Infrastructure Management System AUSTRALIAN RAIL TRACK CORP LTD	TA400030	3 of 10

# Grades: Adelaide to Crystal Brook



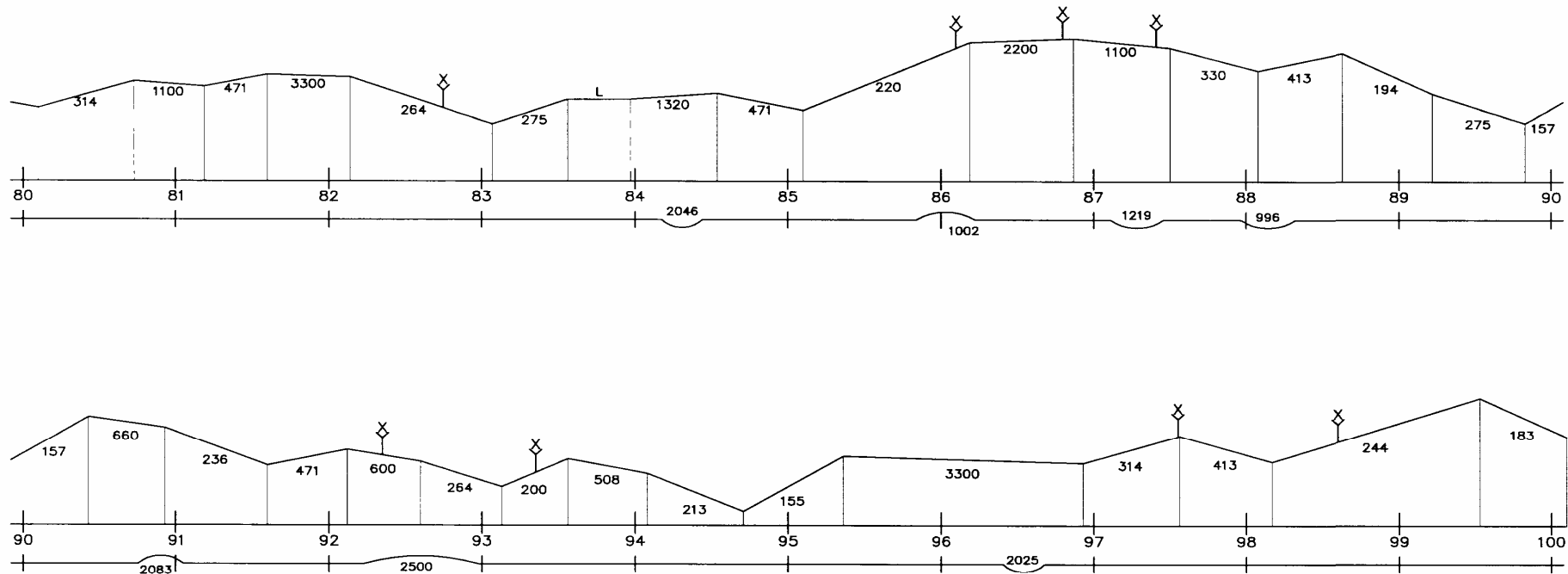
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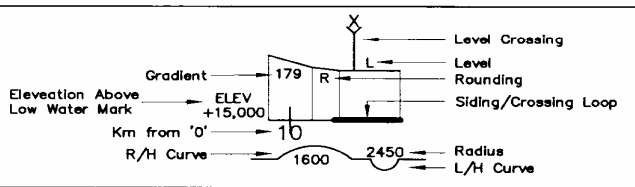
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VERTICAL 1 : 2,500

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Rev	Date	Revision	Int	App	OCT2000	Gen. Manager/Eng & Inf.	 Infrastructure Management System <b>AUSTRALIAN RAIL TRACK CORP LTD</b>	TA400030	4 of 10

# Grades: Adelaide to Crystal Brook



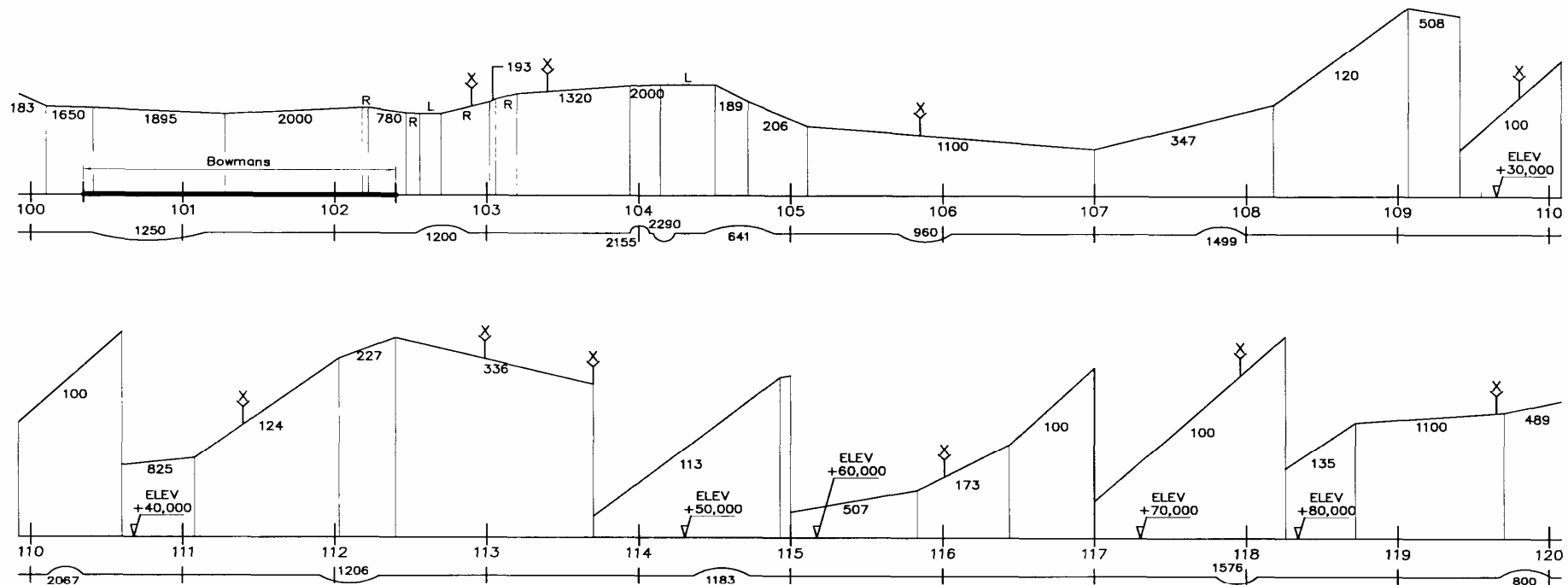
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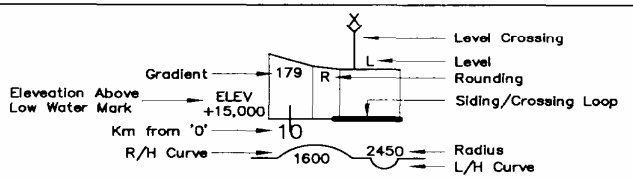
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Rev	Date	Revision	Int	App	OCT2000	Gen.Manager/Eng & Inf	 Infrastructure Management System AUSTRALIAN RAIL TRACK CORP. LTD	TA400030	
							MILE END TO CRYSTAL BROOK		
							Curve and Gradient Diagram (80 – 100km)		5 of 10

# Grades: Adelaide to Crystal Brook



**LEGEND**

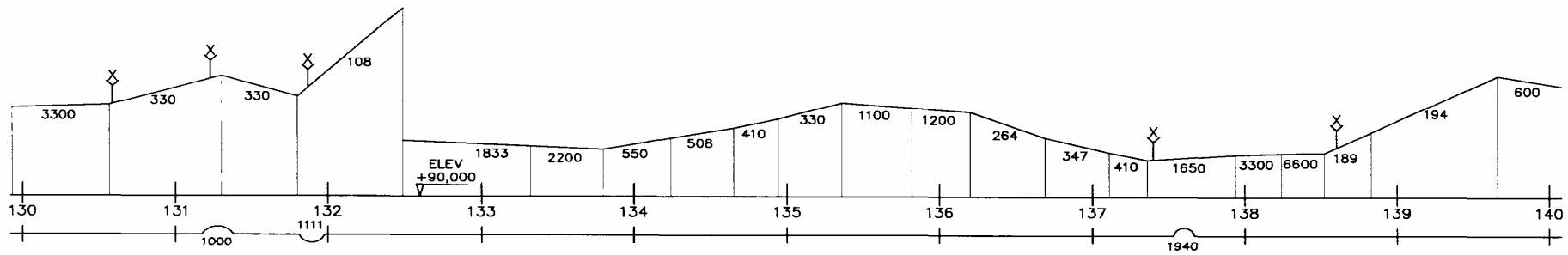
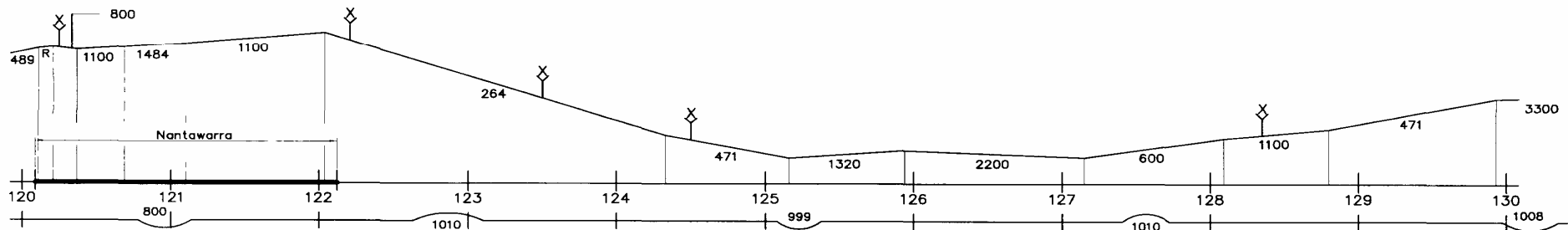


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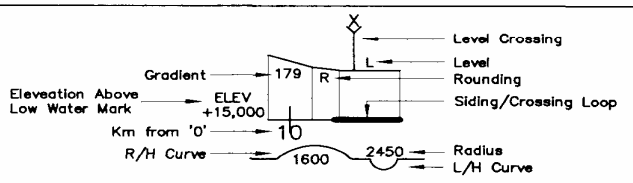
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					ZB	Property & Asset Manager	<b>ARTC</b>	Infrastructure Management System	TA400030
							AUSTRALIAN RAIL TRACK CORP LTD		
							MILE END TO CRYSTAL BROOK		
							Curve and Gradient Diagram (100 - 120km)		6 of 10
Rev	Date	Revision	Int	App	OCT2000	Gen.Manager/Eng & Inf.			



# Grades: Adelaide to Crystal Brook



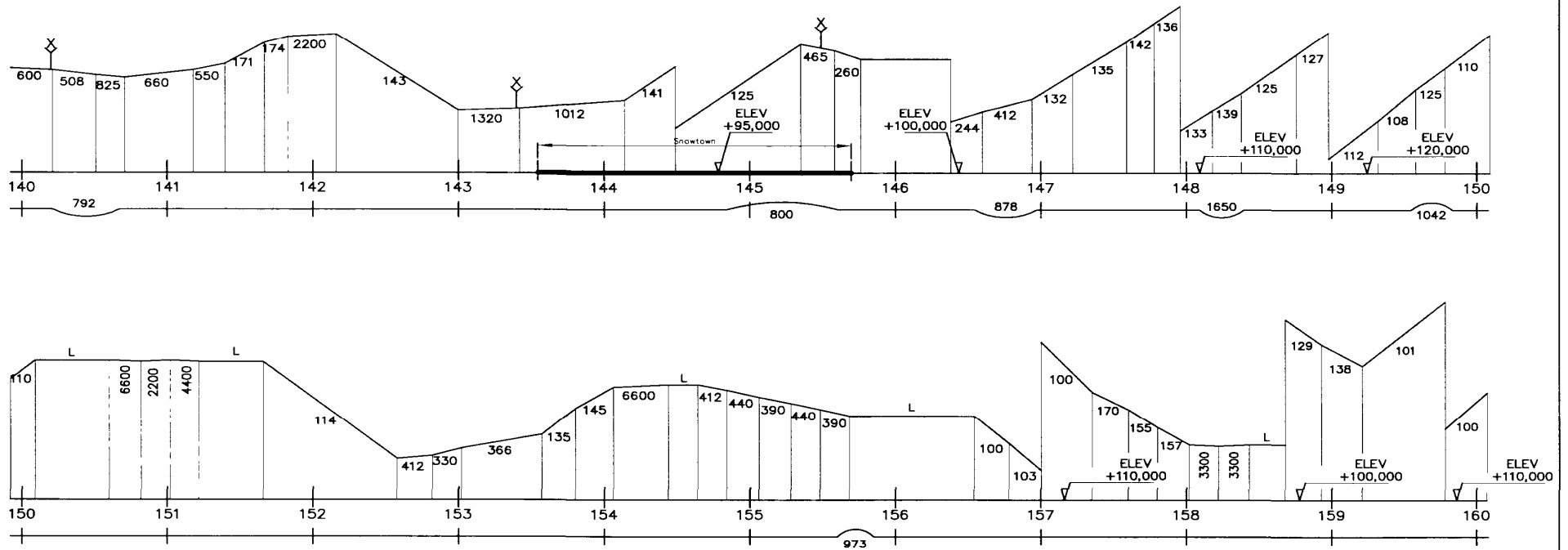
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SCALE  
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 VERTICAL 1 2,500

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Rev	Date	Revision	Int	App	OCT2000	Gen Manager/Eng & Inf	 Infrastructure Management System AUSTRALIAN RAIL TRACK CORP LTD	TA400030	7 of 10

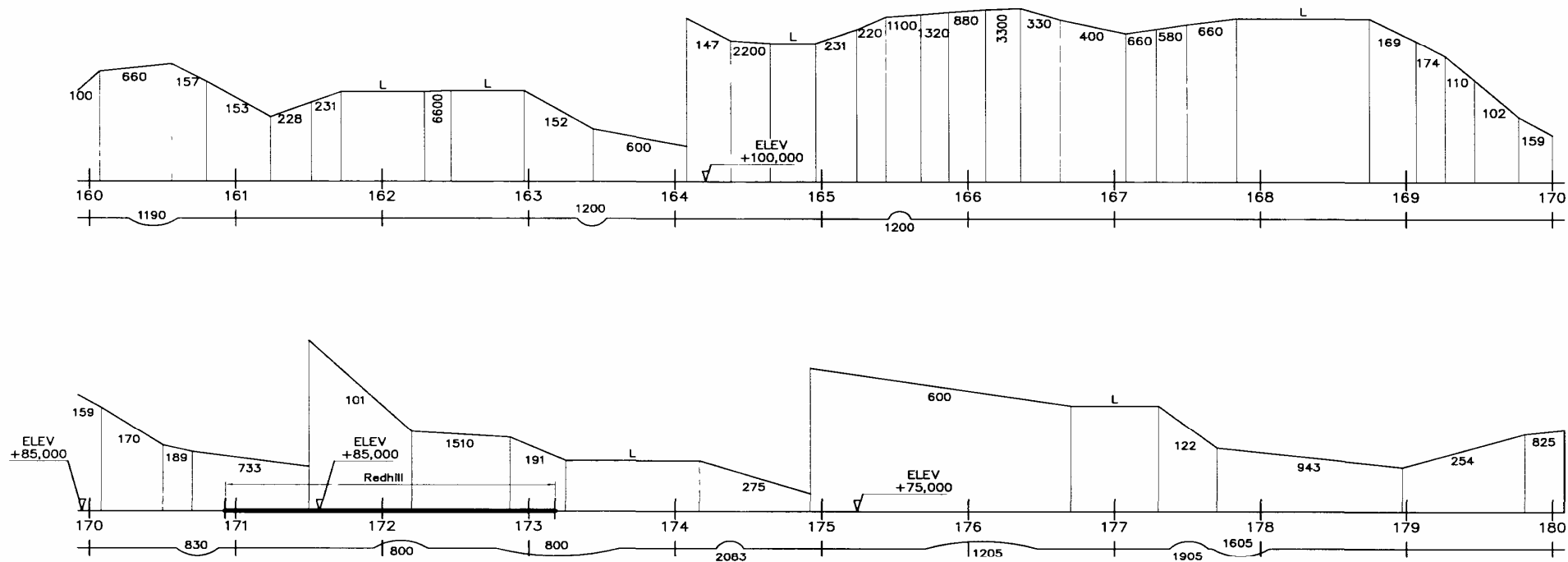
# Grades: Adelaide to Crystal Brook



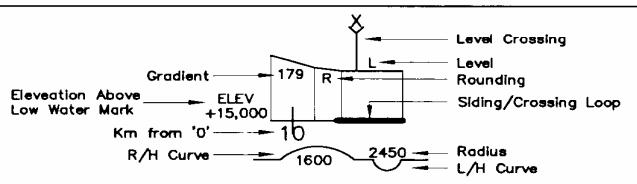
SCALE  
HORIZONTAL 1 : 40,000  
VERTICAL 1 : 2,500

			SEE ABOVE	Infrastructure Management System <b>AUSTRALIAN RAIL TRACK CORP LTD</b>	TA400030		
			ZB Property & Asset Manager				
			-				
Rev	Date	Revision	Int	App	OCT2000 Gen Manager/Eng & Inf.	MILE END TO CRYSTAL BROOK Curve and Gradient Diagram (140 - 160km)	8 of 10

# Grades: Adelaide to Crystal Brook



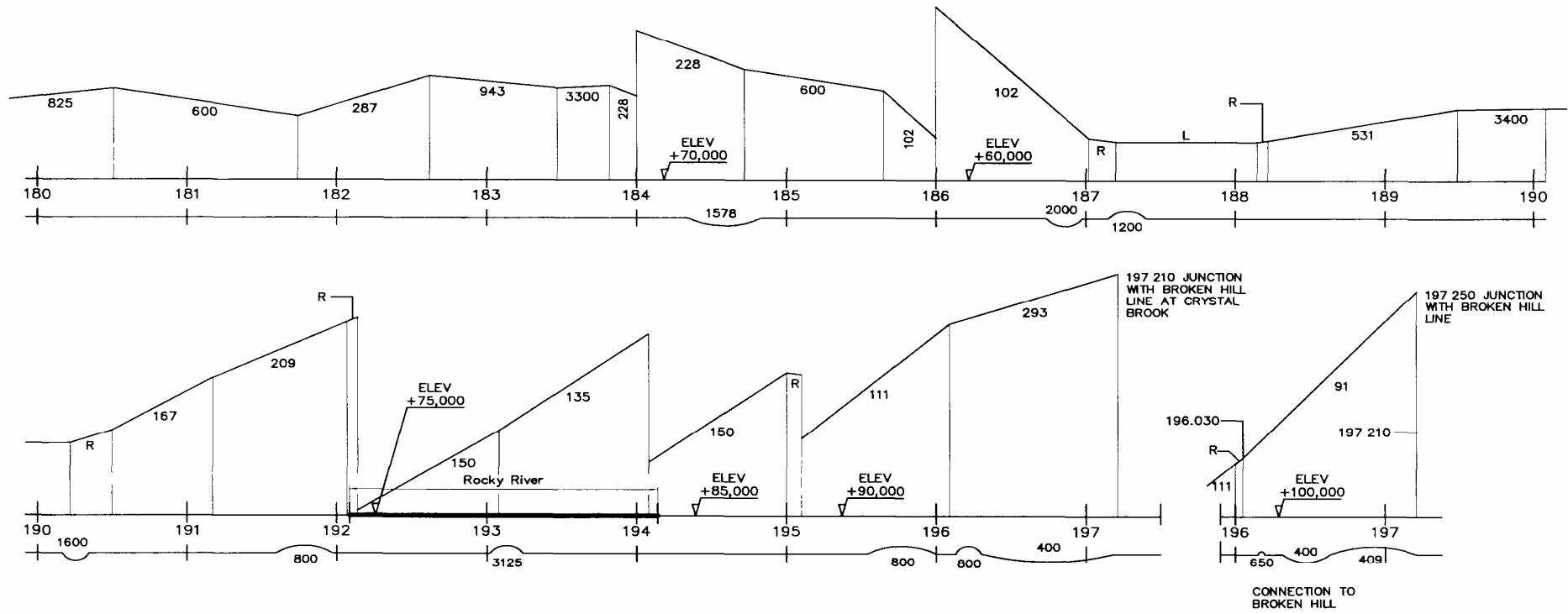
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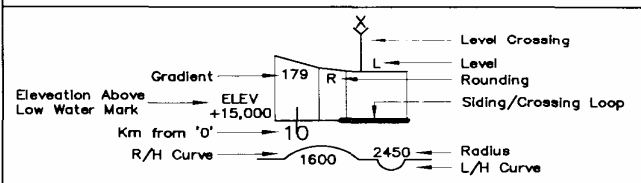
SCALE  
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 VERTICAL 1 : 2,500

SEE ABOVE	 Infrastructure Management System AUSTRALIAN RAIL TRACK CORP LTD	TA400030				
ZB Property & Asset Manager						
MILE END TO CRYSTAL BROOK		9 of 10				
Curve and Gradient Diagram (160 – 180km)						
Rev	Date	Revision	Int	App	OCT2000	Gen Manager/Eng & Inf

# Grades: Adelaide to Crystal Brook



**LEGEND**



SCALE  
 HORIZONTAL 1 : 40,000  
 VERTICAL 1 : 2,500

					SEE ABOVE			
					ZB	Property & Asset Manager		
Rev	Date	Revision	Int	App	OCT2000	Gen Manager/Eng & Inf.	Infrastructure Management System AUSTRALIAN RAIL TRACK CORP LTD	TA400030
							MILE END TO CRYSTAL BROOK	
							Curve and Gradient Diagram (180 – 197.20km)	10 of 10