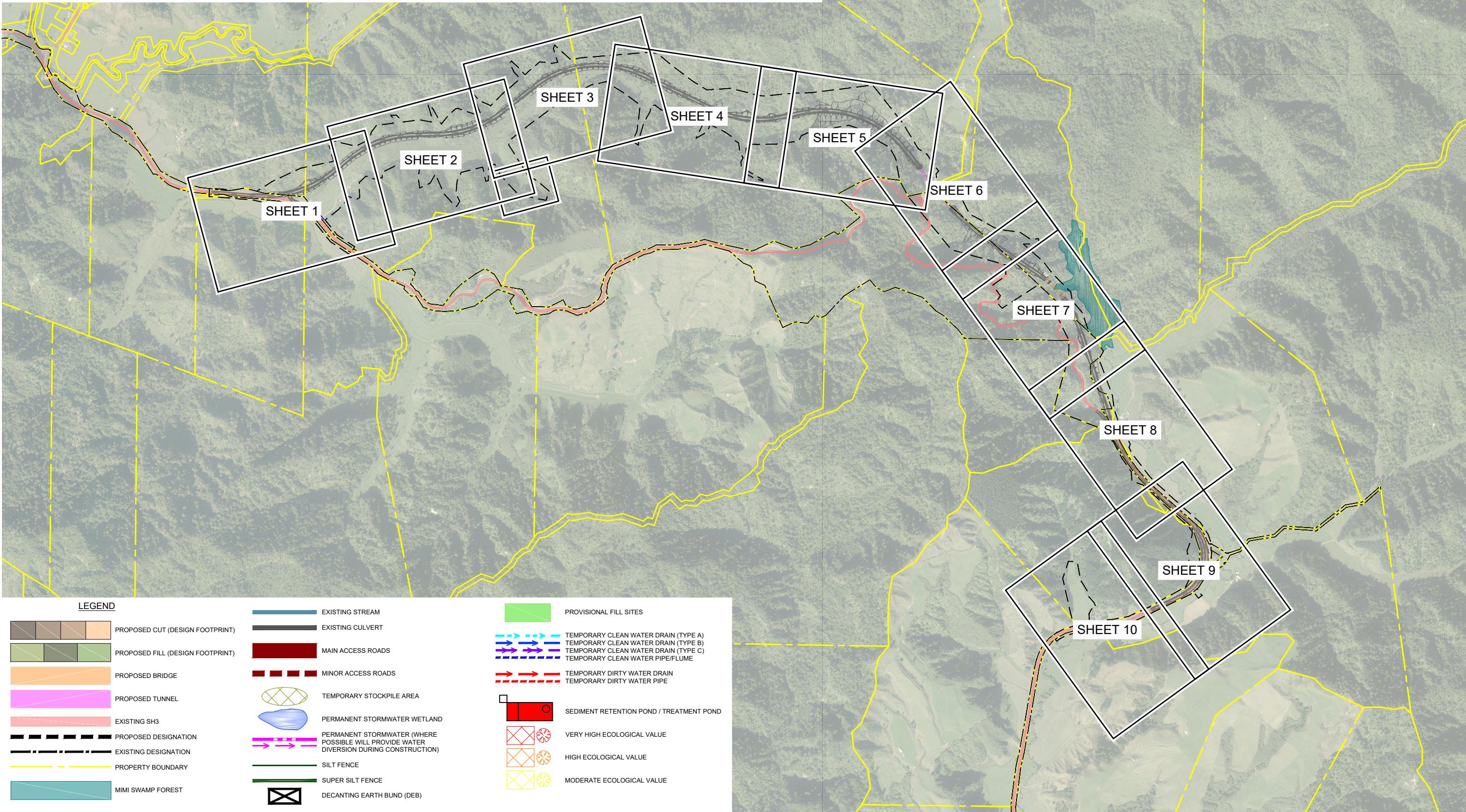


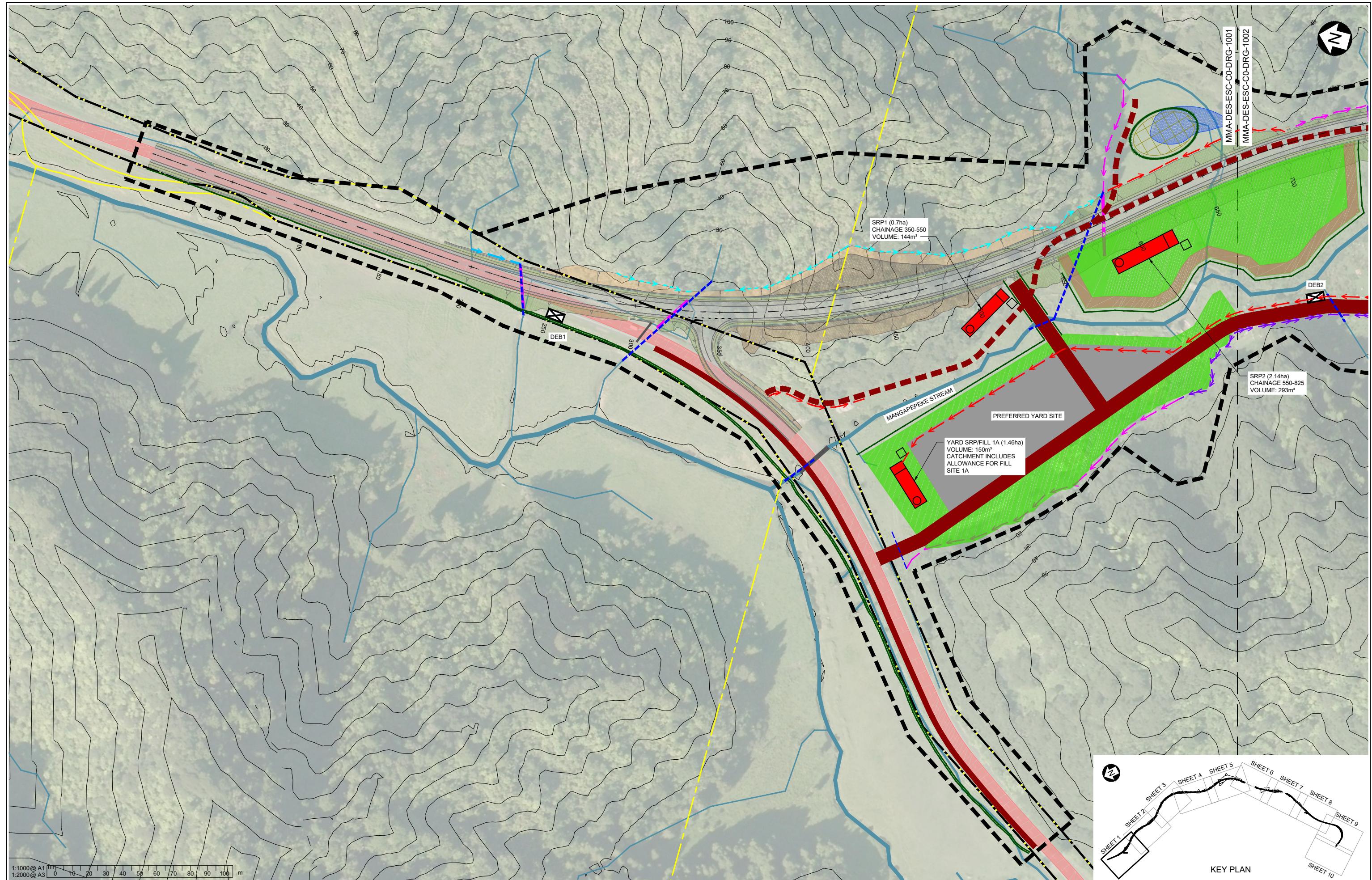
CONCEPTUAL PLANS DESCRIBE EROSION AND SEDIMENT CONTROL FOR MAIN CONSTRUCTION WORKS ONLY.
PLANS TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION WATER MANAGEMENT PLAN (CWMP)

NOTES

- SILT FENCE AND SUPERSILT FENCE ARE THE PRIMARY TREATMENT FOR LINEAR SHAPING EARTHWORKS.
- SEDIMENT RETENTION PONDS ARE THE PRIMARY TREATMENT FOR CUT AND FILL EARTHWORKS.
- ALL SEDIMENT RETENTION PONDS DISCHARGE TO LAND A MINIMUM DISTANCE OF 5m FROM AN ACTIVE STREAM CHANNEL WHERE PRACTICABLE.
- WHERE NOTED SEDIMENT RETENTION PONDS MAY BE REPLACED WITH CONTAINER IMPOUNDMENT SYSTEMS (CIS), BUT THIS WILL REQUIRE A SPECIFIC ASSESSMENT OF SUITABILITY PRIOR TO IMPLEMENTATION.
- SILT FENCE WILL BE INSTALLED AROUND ALL TEMPORARY STOCKPILE SITES.
- ACCESS ROADS CONSTRUCTED USING CUT AND COVER METHODOLOGIES. DECANTING EARTH BUNDS (DEB) TREATING ACCESS ROAD SURFACE.
- REFER TO DRAWING MMA-DES-ESC-C0-DRG-4006 FOR TYPE A, B AND C CLEAN WATER DRAIN DETAILS.
- DESIGN GUIDELINES FOR ALL EROSION AND SEDIMENT CONTROLS (ESC) TO FOLLOW NZTA GUIDELINES WHERE PRACTICABLE. SEDIMENT RETENTION PONDS LOCATED WITHIN THE FLOOD PLAIN TO BE SPECIFICALLY DESIGNED.
- PROGRESSIVE STABILISATION IN ACCORDANCE WITH THE CONSTRUCTION WATER MANAGEMENT PLAN TO APPLY.
- ADAPTIVE MONITORING IN ACCORDANCE WITH THE CONSTRUCTION WATER MANAGEMENT PLAN TO APPLY.
- PROVISIONAL FILL SITES MAY BE USED FOR TEMPORARY STOCKPILING AS REQUIRED. REFER CONSTRUCTION WATER MANAGEMENT PLAN FOR EROSION AND SEDIMENT CONTROL OF PROVISIONAL FILL SITES.
- SELECTION OF STORAGE AND STOCKPILE LOCATIONS FOR LOGS AND WOODY MATERIAL SHALL BE IN ACCORDANCE WITH THE ECOLOGY AND LANDSCAPE MANAGEMENT PLAN.
- REFER ECOLOGY AND LANDSCAPE MANAGEMENT PLAN FOR REQUIREMENTS AT AREAS OF IDENTIFIED ECOLOGICAL VALUE.



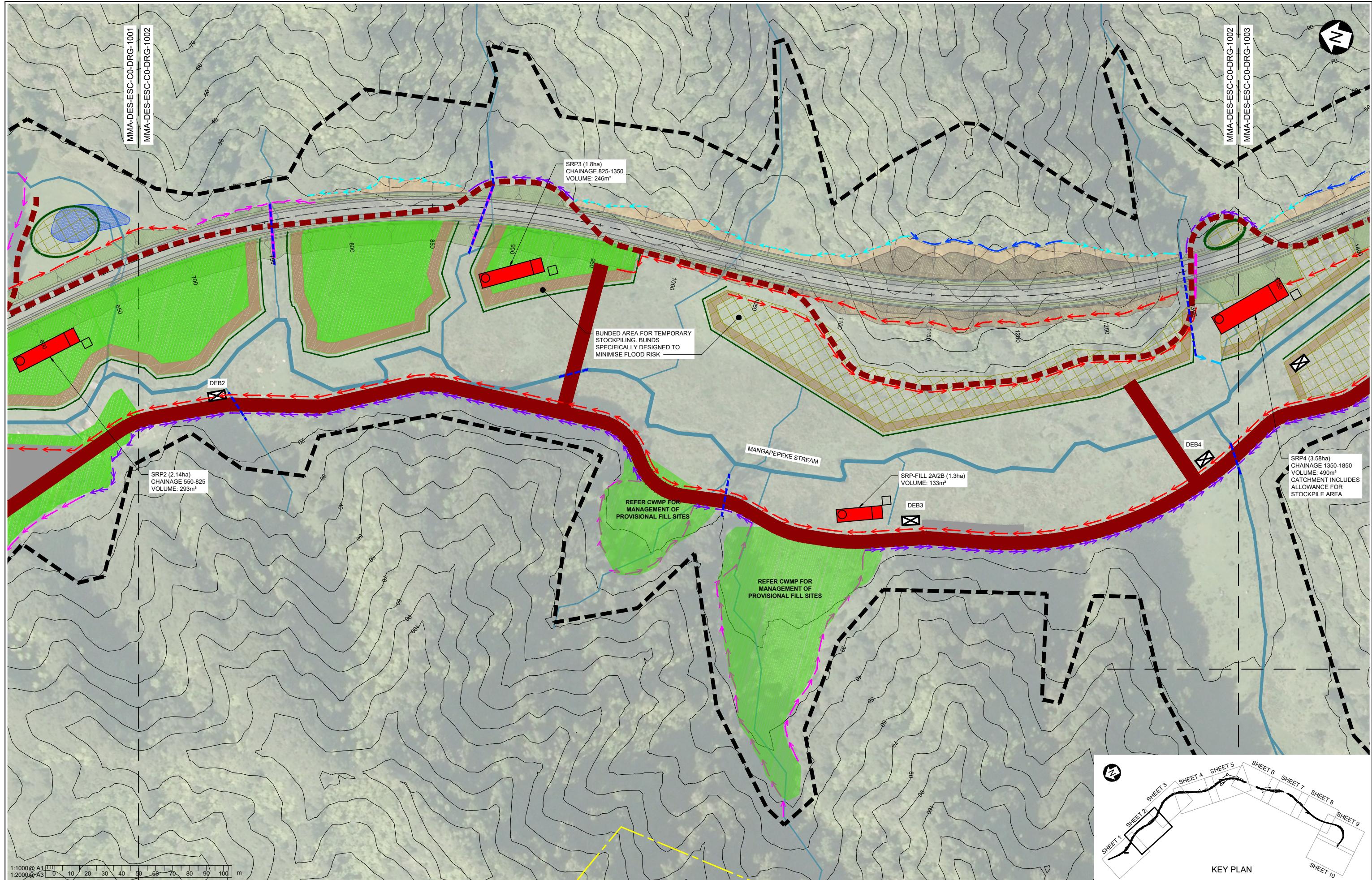
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A	PRELIMINARY DRAFT - FOR EXTERNAL REVIEW	QDO'S	WHE	SPP	GR	KJB	06/10/2017	Mt Messenger Bypass		EROSION AND SEDIMENT CONTROL CONCEPTUAL PLANS FOR MAIN CONSTRUCTION WORKS - SHEET LAYOUT	
Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	Original Size	A1	This drawing is not to be used for construction purposes unless signed approved and issued For Construction	Drawing Number MMA-DES-ESC-C0-DRG-1000



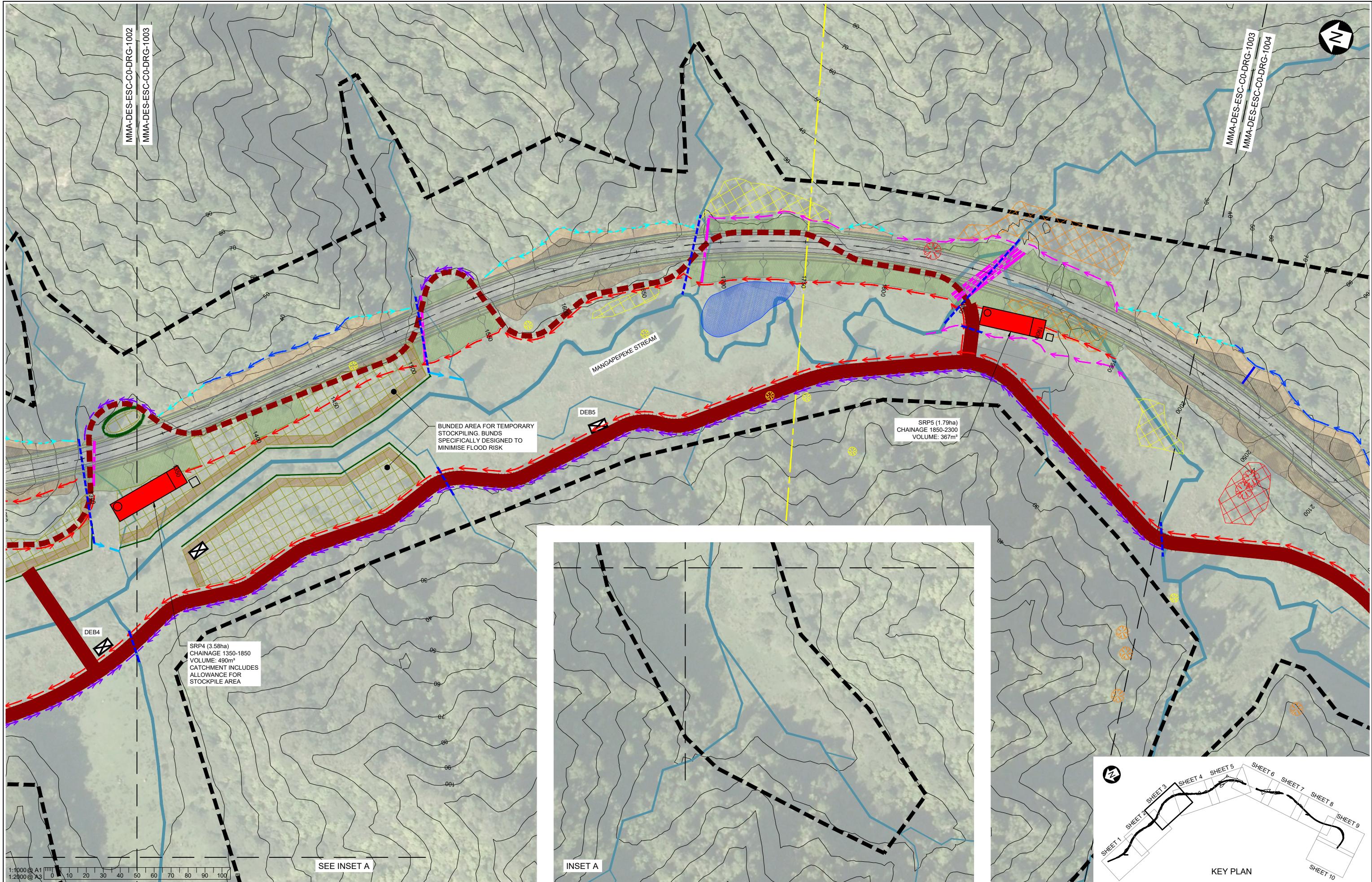
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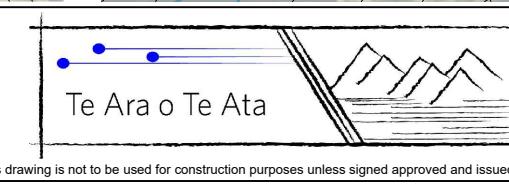


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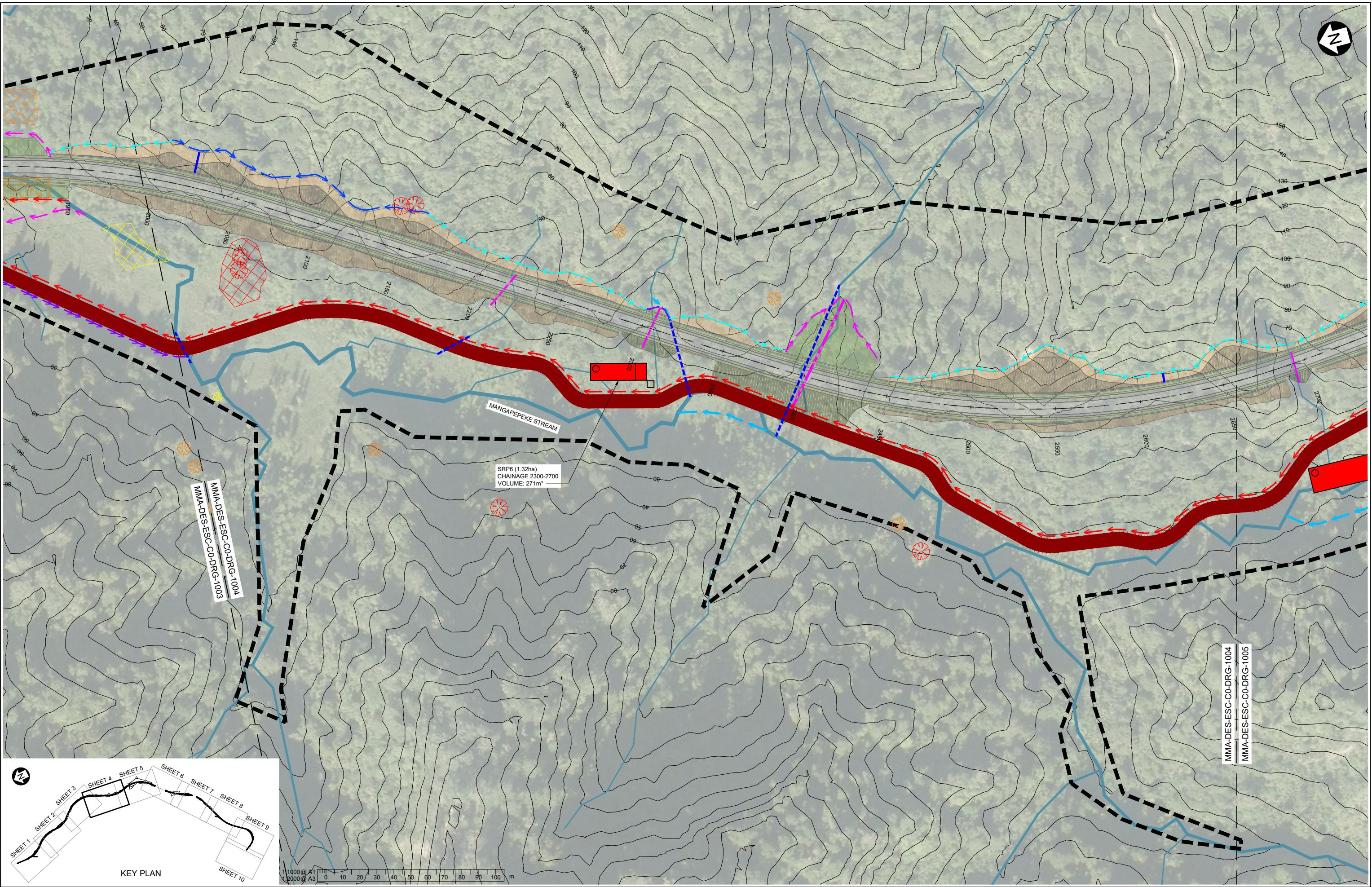
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Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved

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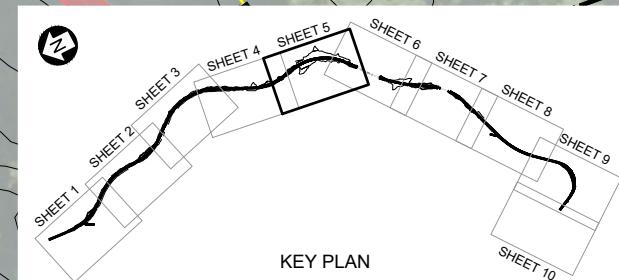
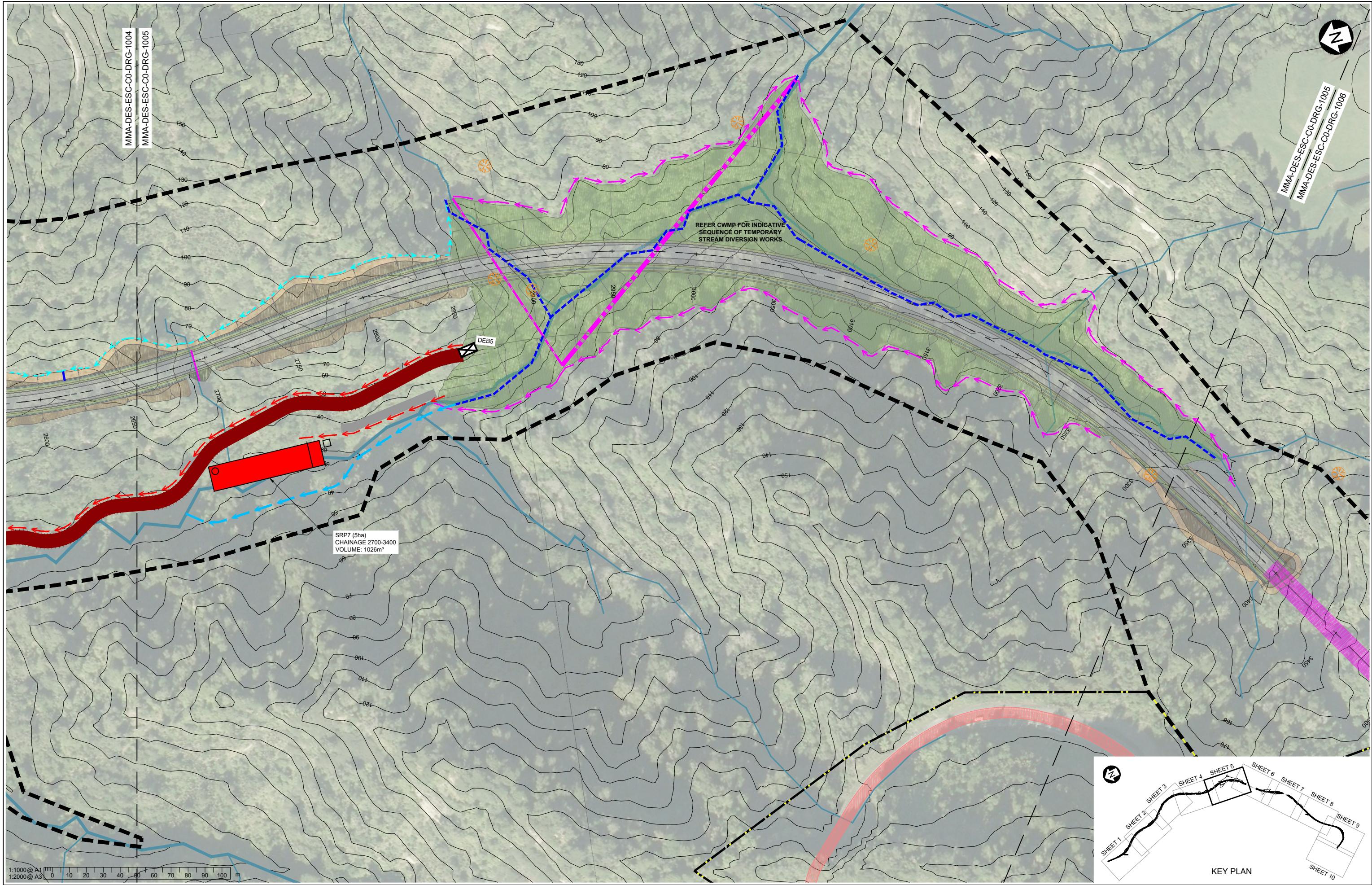


MT MESSENGER BYPASS
EROSION AND SEDIMENT CONTROL CONCEPTUAL PLANS FOR MAIN CONSTRUCTION WORKS - SHEET 3

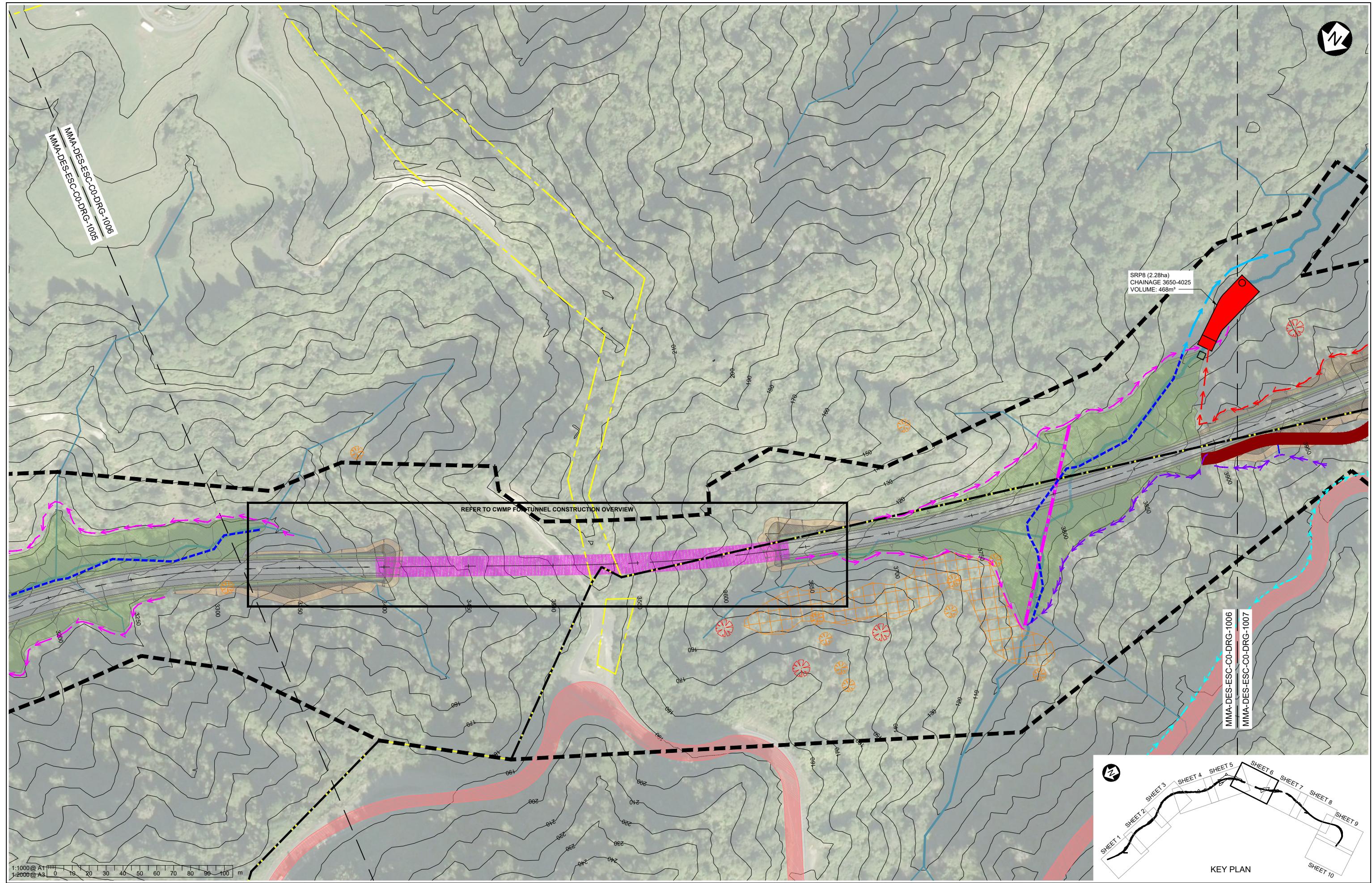
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Revision	B



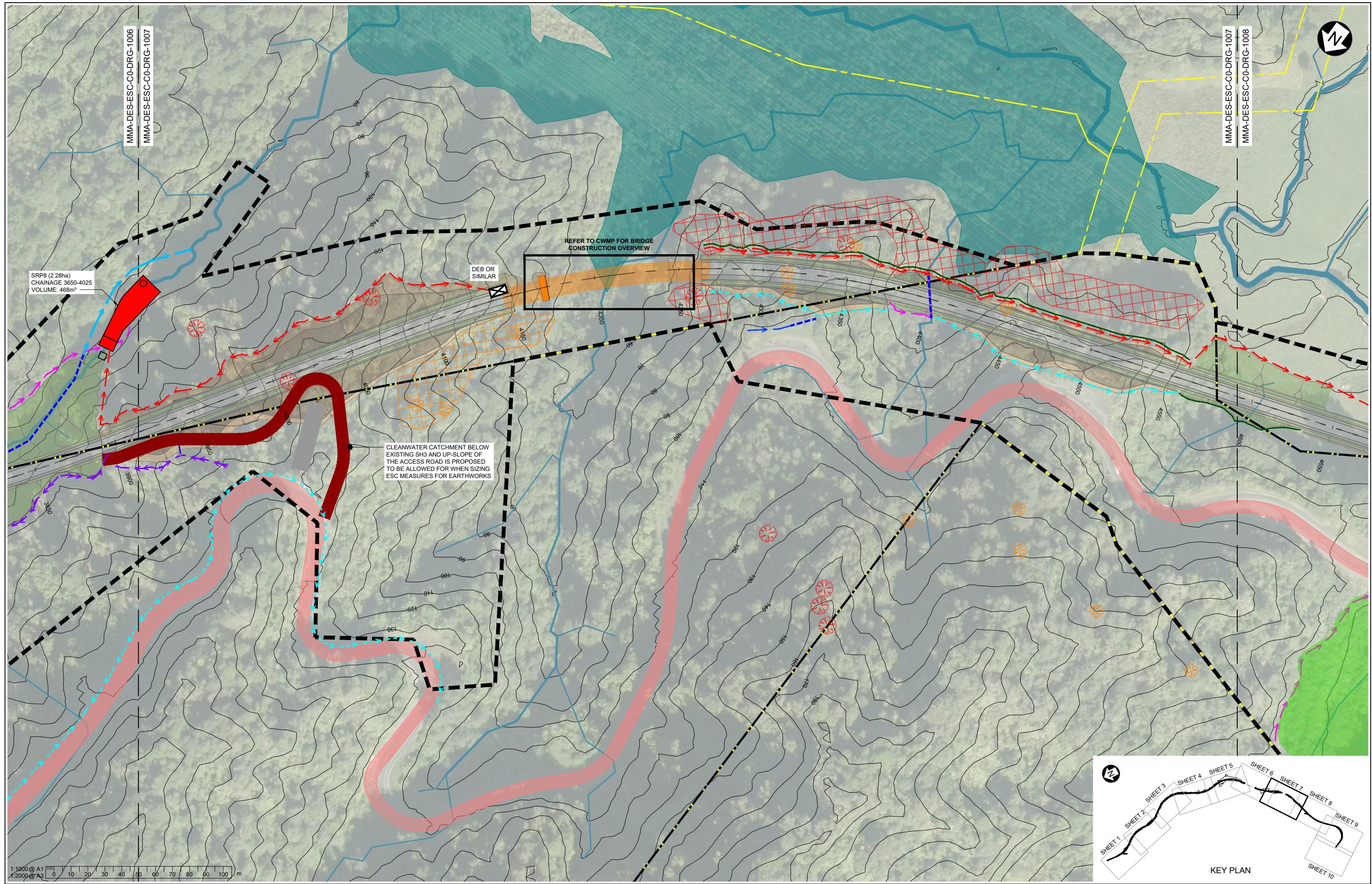
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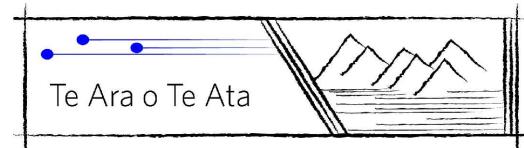
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Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	This drawing is not to be used for construction purposes unless signed approved and issued For Construction					



B FOR CONSENT										MT MESSENGER BYPASS										Approved		
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										MT MESSENGER BYPASS		Approved											
										D. KENDERDINE		Status											
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Rev	Revision Description																						



**NZ TRANSPORT
AGENCY**
WAKA KOTAH
Mt Messenger Bypass

MT MESSENGER BYPASS
**EROSION AND SEDIMENT CONTROL
CONCEPTUAL PLANS FOR MAIN
CONSTRUCTION WORKS - SHEET 7**

KEY PLAN

Approved

D. KENDERDINE

Status

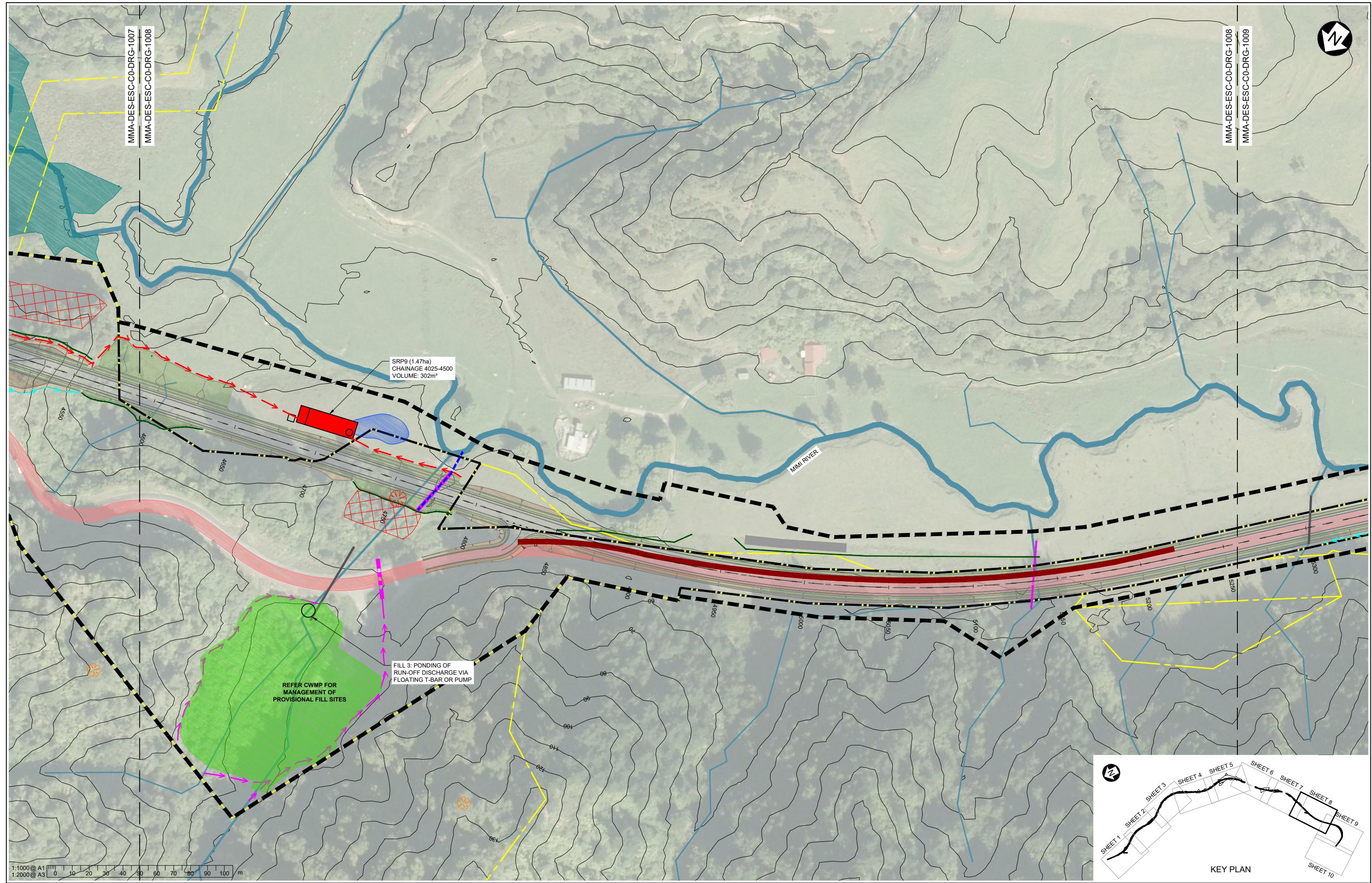
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Drawing Number

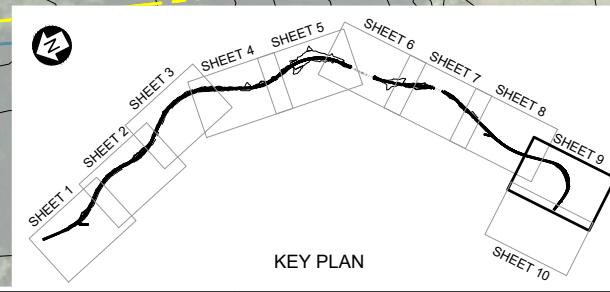
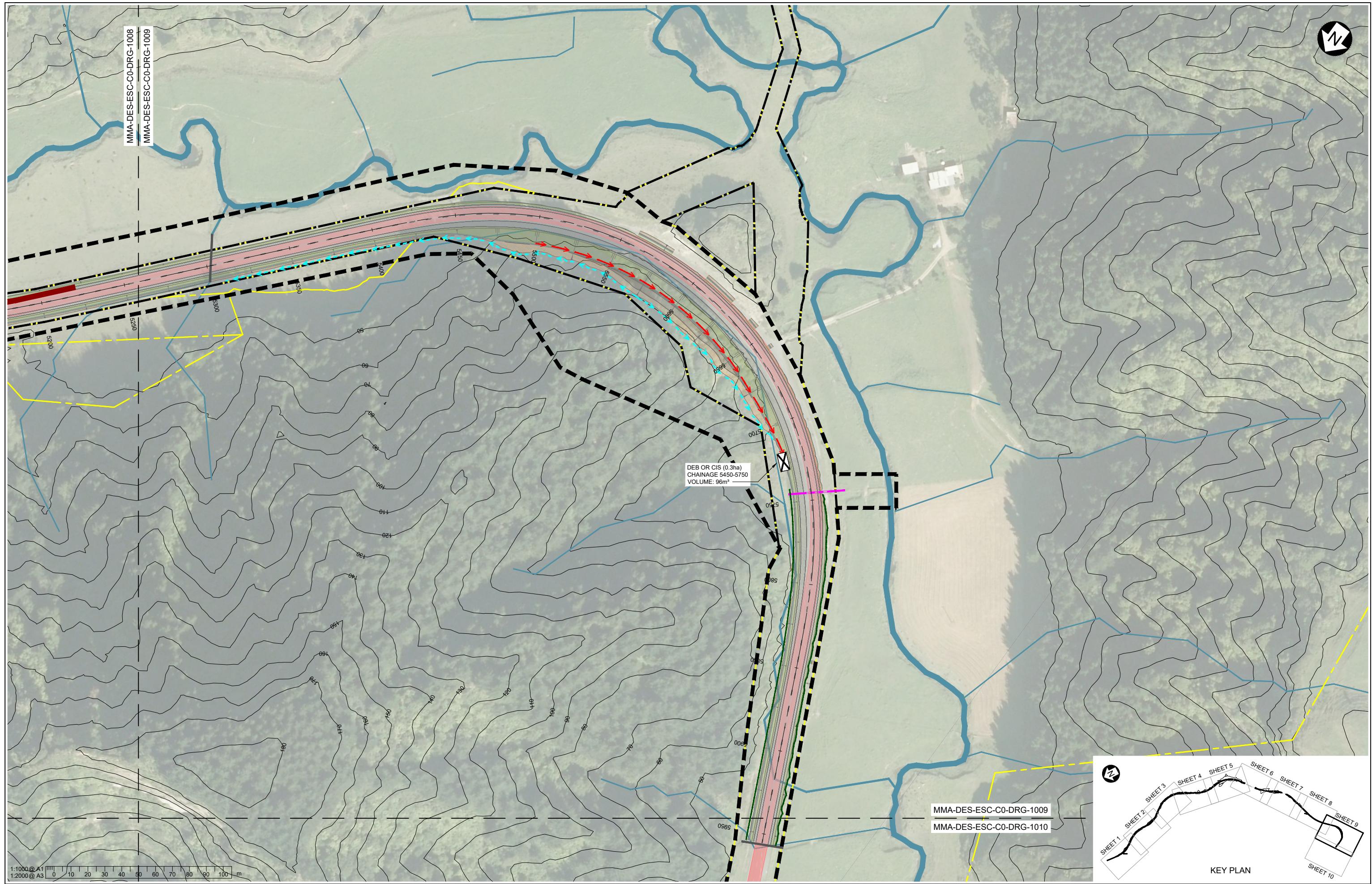
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Revision

B



										NZ TRANSPORT AGENCY WAKA KOTAH		MT MESSENGER BYPASS		Approved D. KENDERDINE	
										Mt Messenger Bypass		Status FOR CONSENT		Revision B	
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Rev	Revision Description														



**NZ TRANSPORT
AGENCY**
WAKA KOTAH
Mt Messenger Bypass

MT MESSENGER BYPASS
**EROSION AND SEDIMENT CONTROL
CONCEPTUAL PLANS FOR MAIN
CONSTRUCTION WORKS - SHEET 9**

Approved
D. KENDERDINE

Status
FOR CONSENT
Drawing Number
MMA-DES-ESC-C0-DRG-1009 | Revision
B

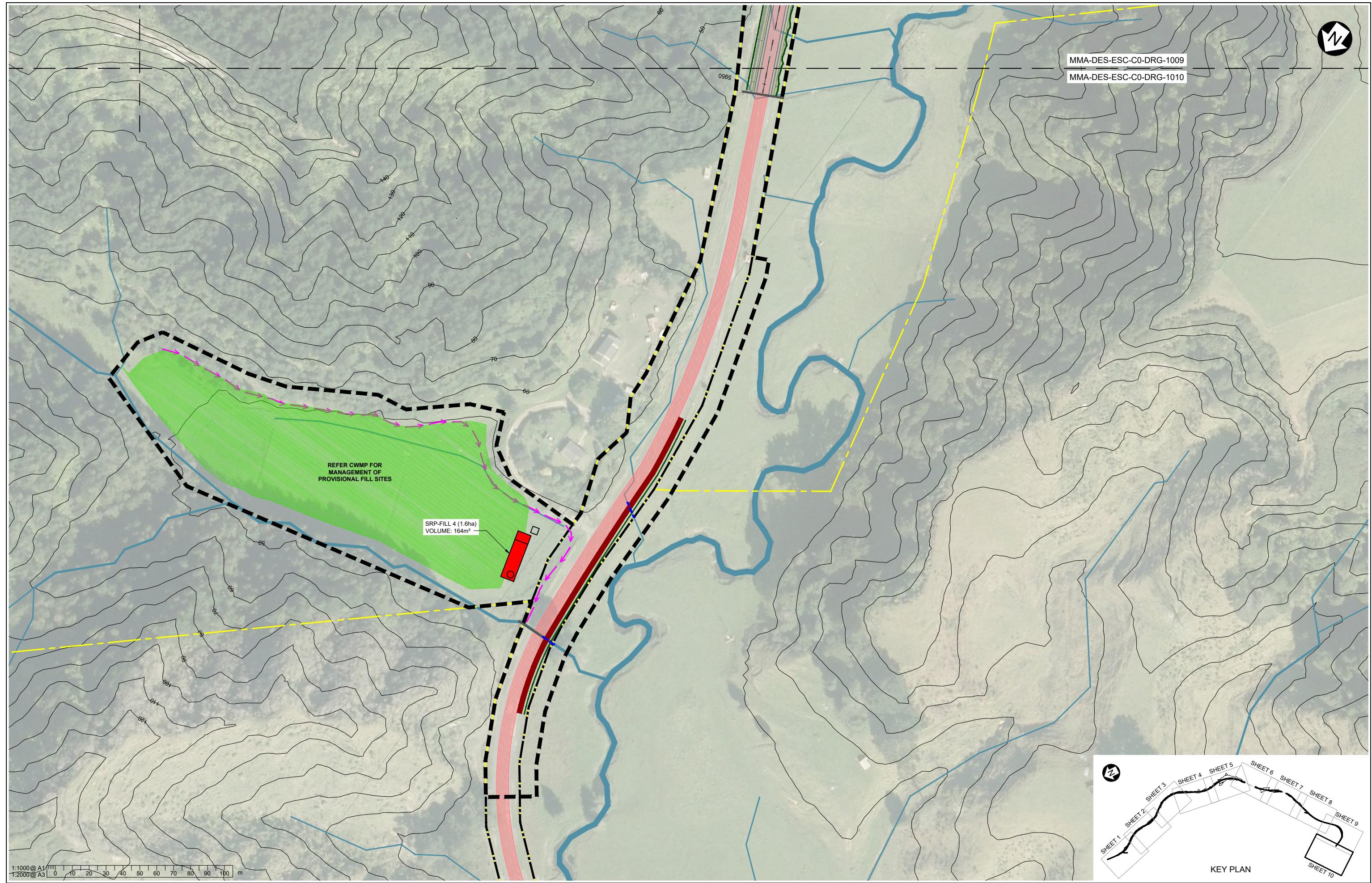
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Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved

Scales
1:2000 (A3)
1:1000 (A1)

Original Size

A1

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										Erosion and Sediment Control Conceptual Plans for Main Construction Works - Sheet 10		D. Kenderdine	
										Status		FOR CONSENT	
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