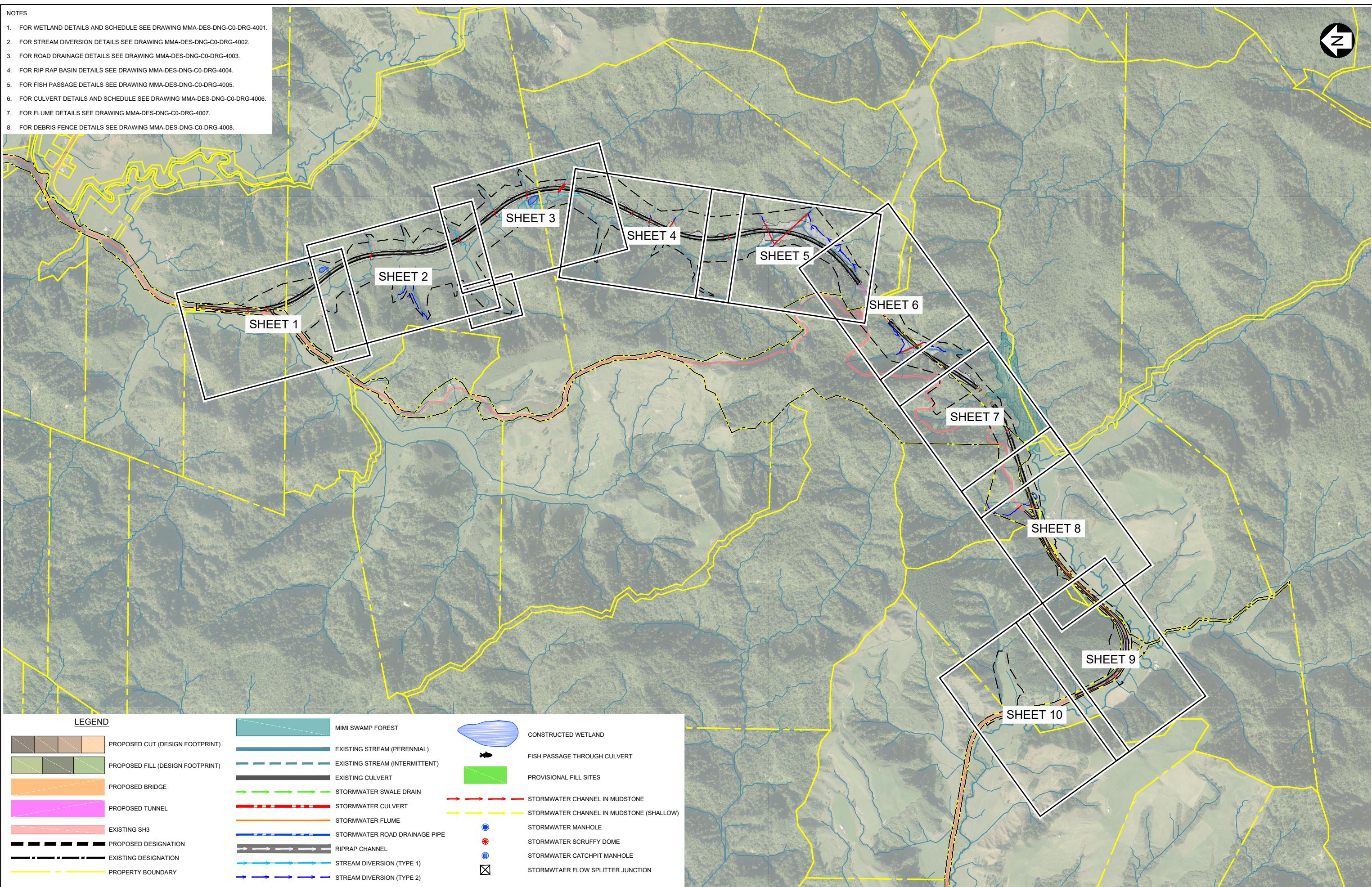
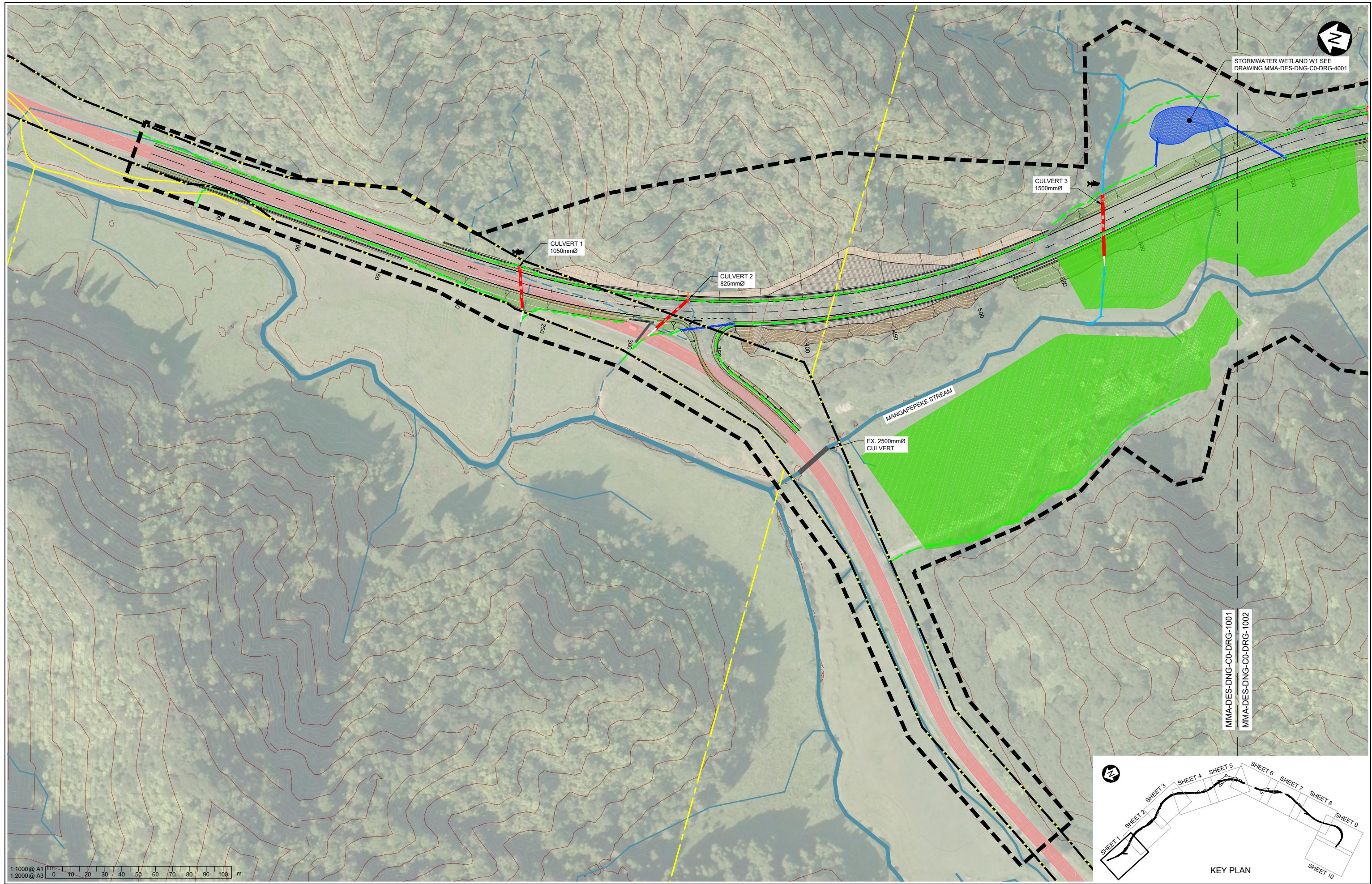


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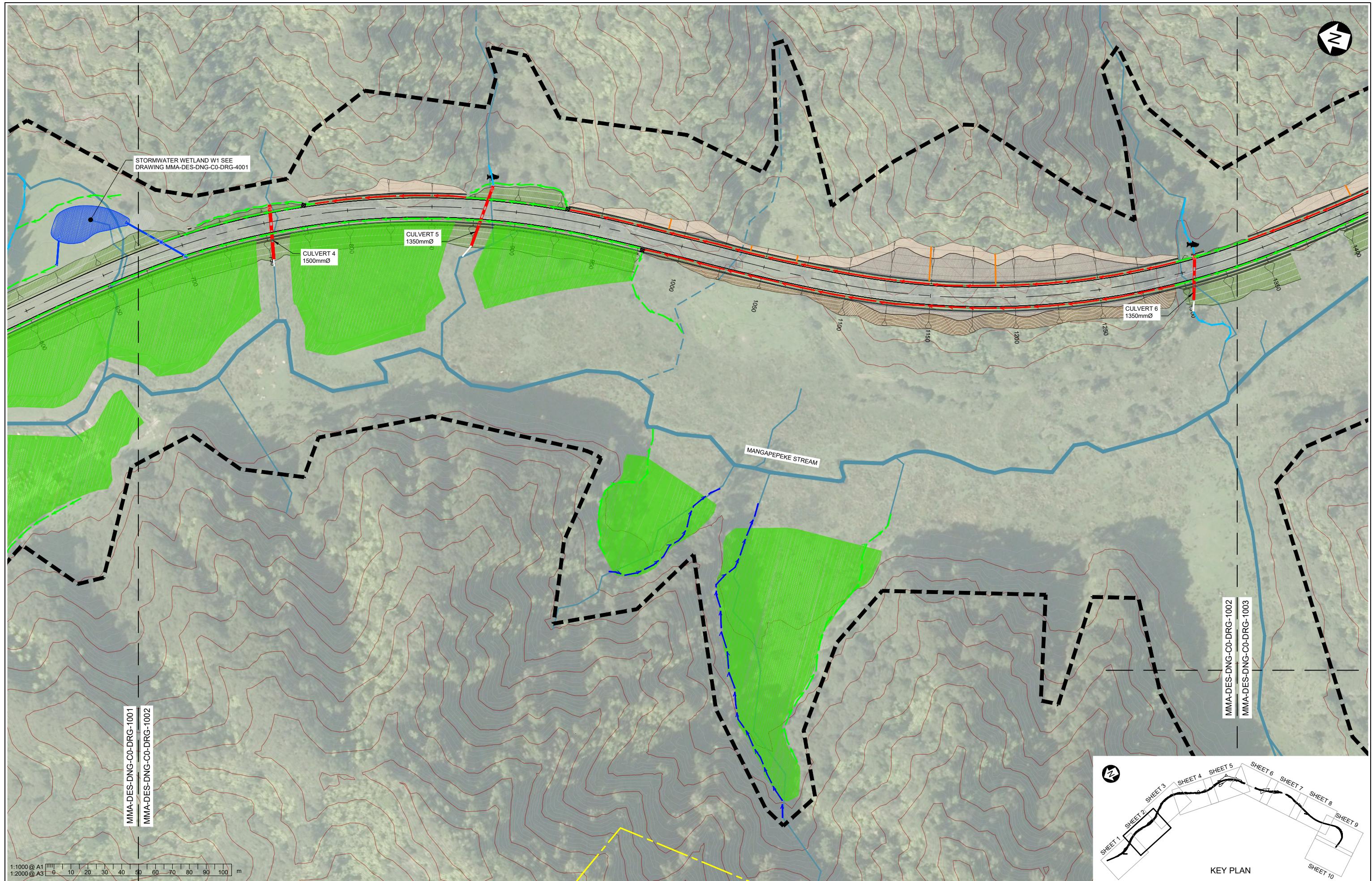
1. FOR WETLAND DETAILS AND SCHEDULE SEE DRAWING MMA-DES-DNG-C0-DRG-4001.
2. FOR STREAM DIVERSION DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4002.
3. FOR ROAD DRAINAGE DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4003.
4. FOR RIP RAP BASIN DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4004.
5. FOR FISH PASSAGE DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4005.
6. FOR CULVERT DETAILS AND SCHEDULE SEE DRAWING MMA-DES-DNG-C0-DRG-4006.
7. FOR FLUME DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4007.
8. FOR DEBRIS FENCE DETAILS SEE DRAWING MMA-DES-DNG-C0-DRG-4008.



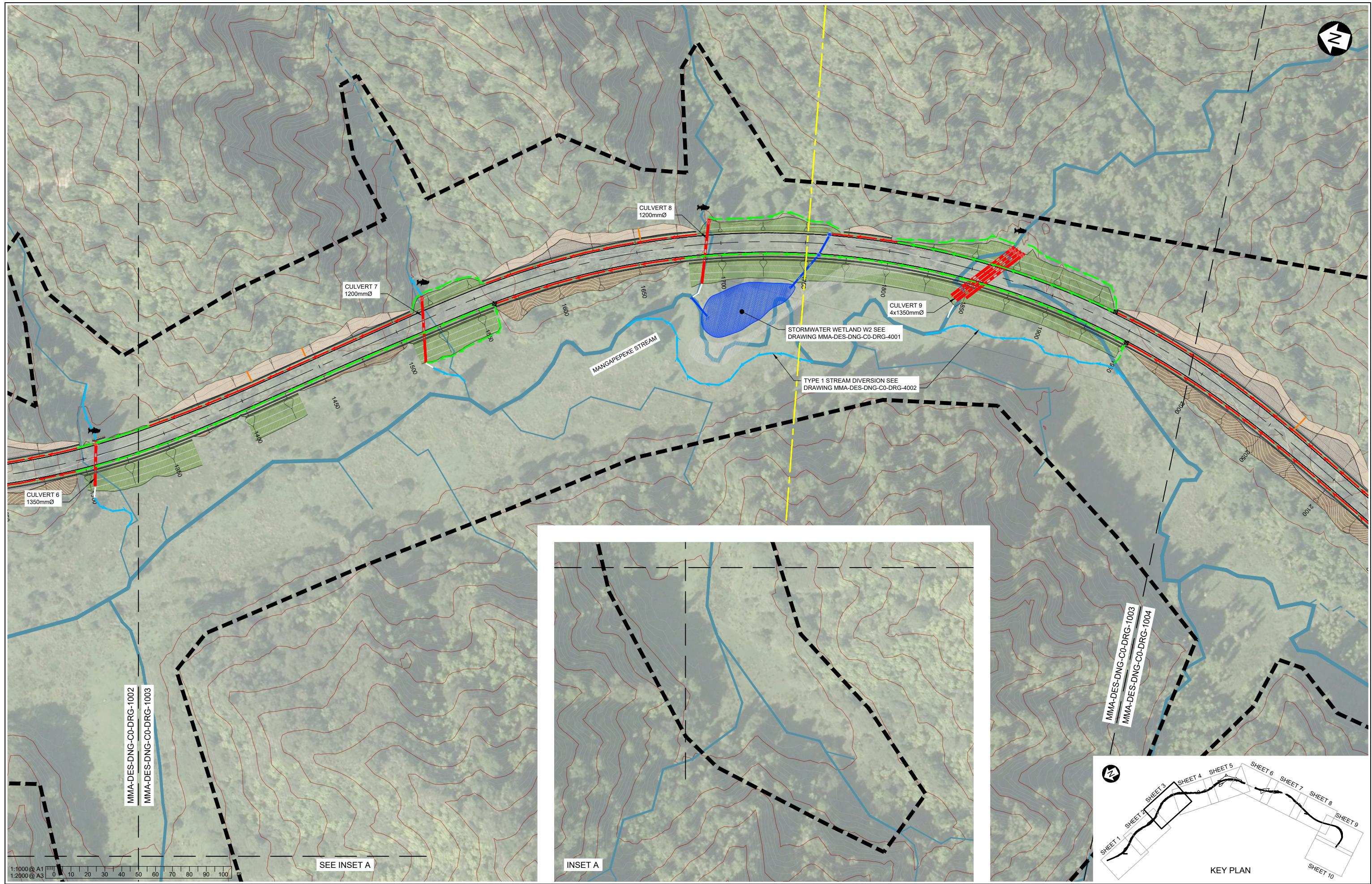
A FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017	Tab MMA-DES-DNG-C0-DRG-1000 Scales NOT TO SCALE Original Size A1	MT MESSENDER BYPASS DRAINAGE GENERAL ARRANGEMENT SHEET LAYOUT	Approved D.KENDERDINE Status FOR CONSENT Drawing Number MMA-DES-DNG-C0-DRG-1000 Revision A
Rev Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	This drawing is not to be used for construction purposes unless signed approved and issued For Construction	Te Ara o Te Ata Mt Messenger Bypass	DO NOT SCALE FROM THIS DRAWING - Document copyright of Mount Messenger Alliance and its project consultants and may only be used for its intended purpose.



A FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017	Tab MMA-DES-DNG-C0-DRG-1001 Scales 1:2000 (A3) 1:1000 (A1) Original Size A1	NZ TRANSPORT AGENCY WAKA KOTAH Mt Messenger Bypass	MT MESSENGER BYPASS	Approved D.KENDERDINE
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	DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 1	Status FOR CONSENT Drawing Number MMA-DES-DNG-C0-DRG-1001 Revision A



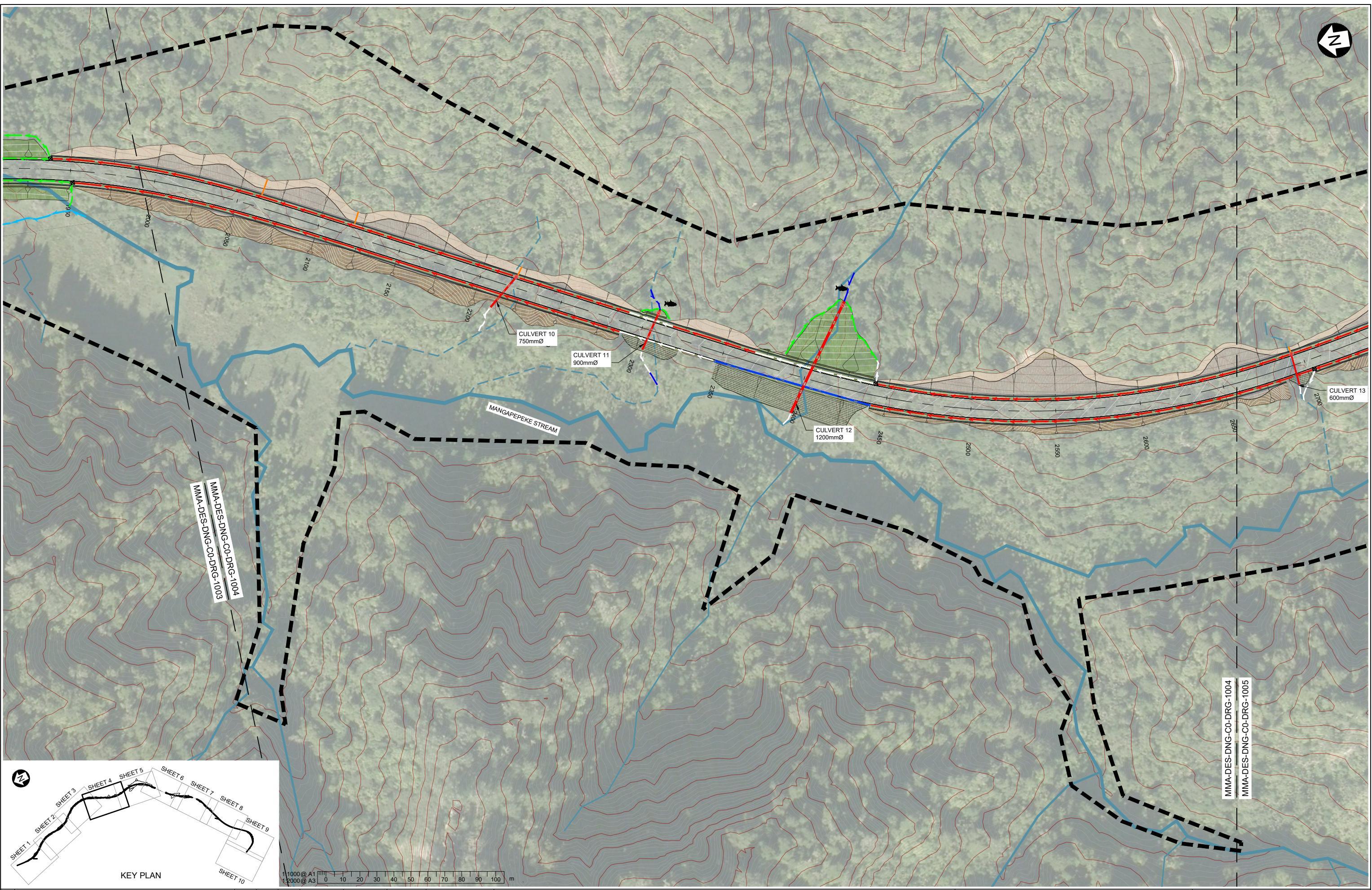
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Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	This drawing is not to be used for construction purposes unless signed approved and issued For Construction	DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 2	Status FOR CONSENT



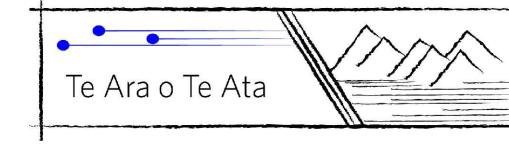
MT MESSENGER BYPASS DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 3										Approved	
										Status	
										FOR CONSENT	
A FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017					
Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date				



This drawing is not to be used for construction purposes unless signed approved and issued For Construction



							Tab MMA-DES-DNG-C0-DRG-1004
							Scales
							1:2000 (A3) 1:1000 (A1)
A	FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017
Rev	Revision Description	Drawn	Drawing Checked	Designed	Design Checked	Approved	Date
							Original Size
							A1
							T



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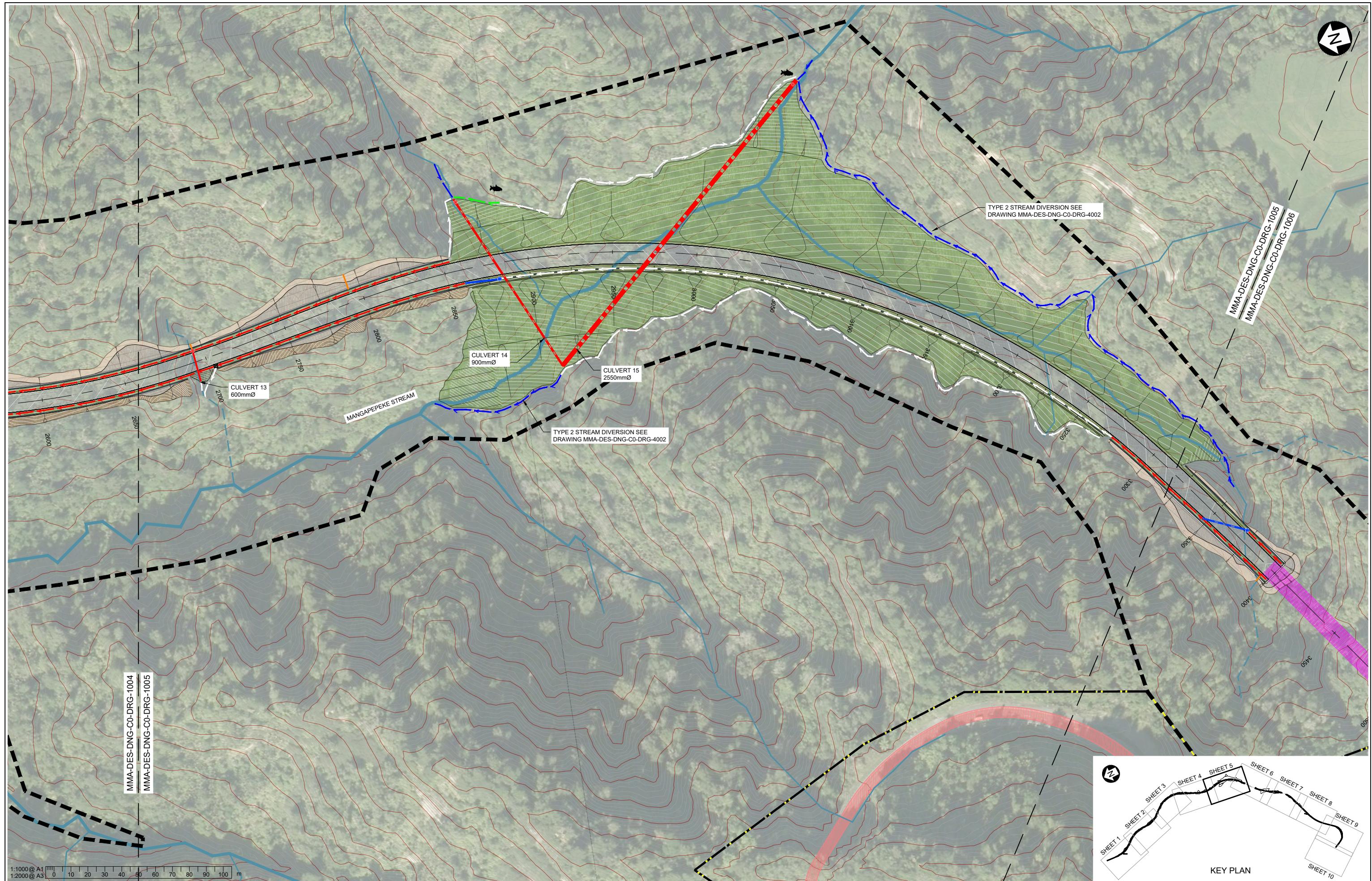
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DRAINAGE

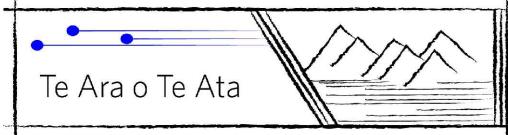
GENERAL ARRANGEMENTS LAYOUT

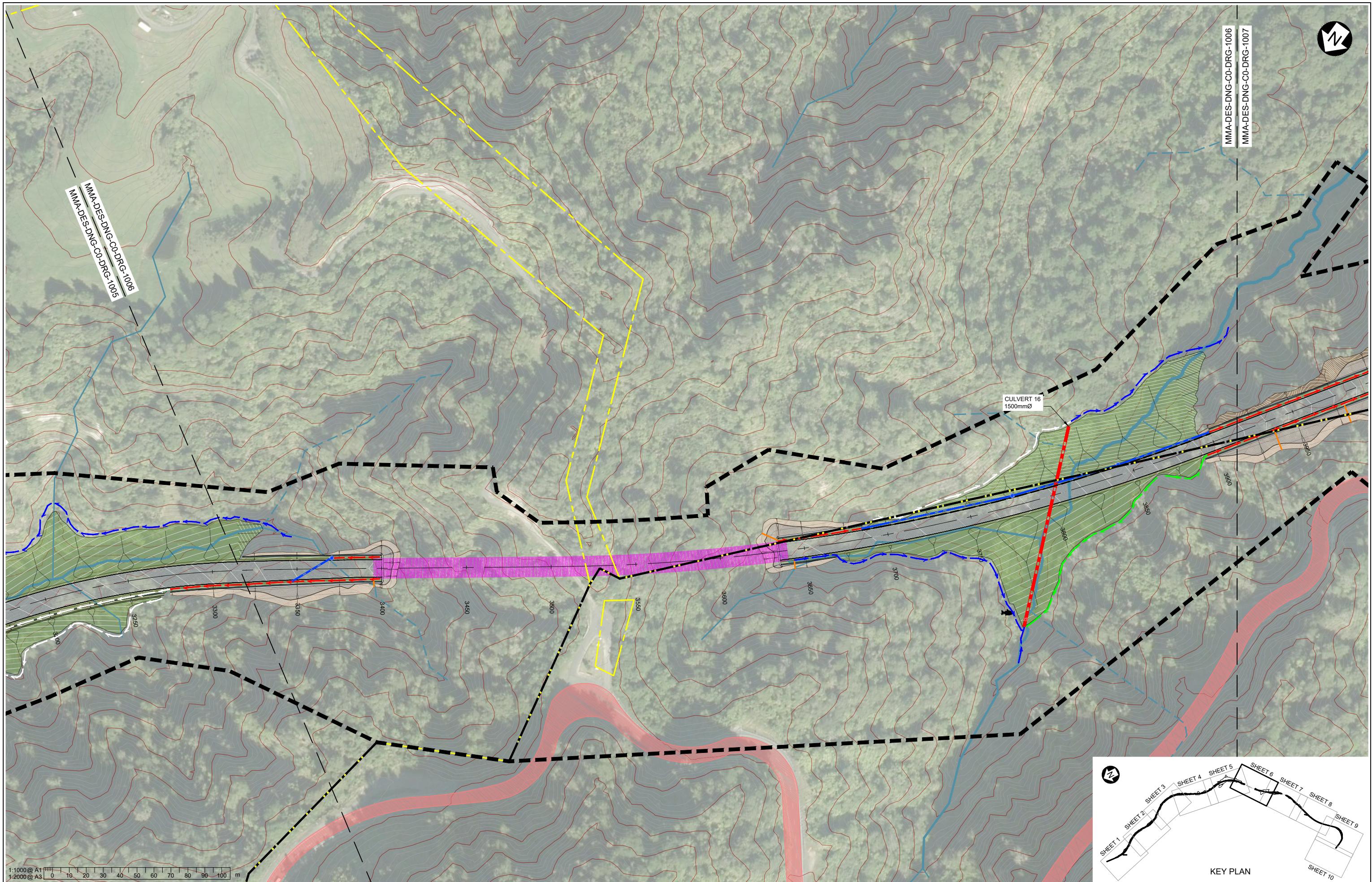
SHEET 4

Approved	D.KENDERDINE	
Status	FOR CONSENT	
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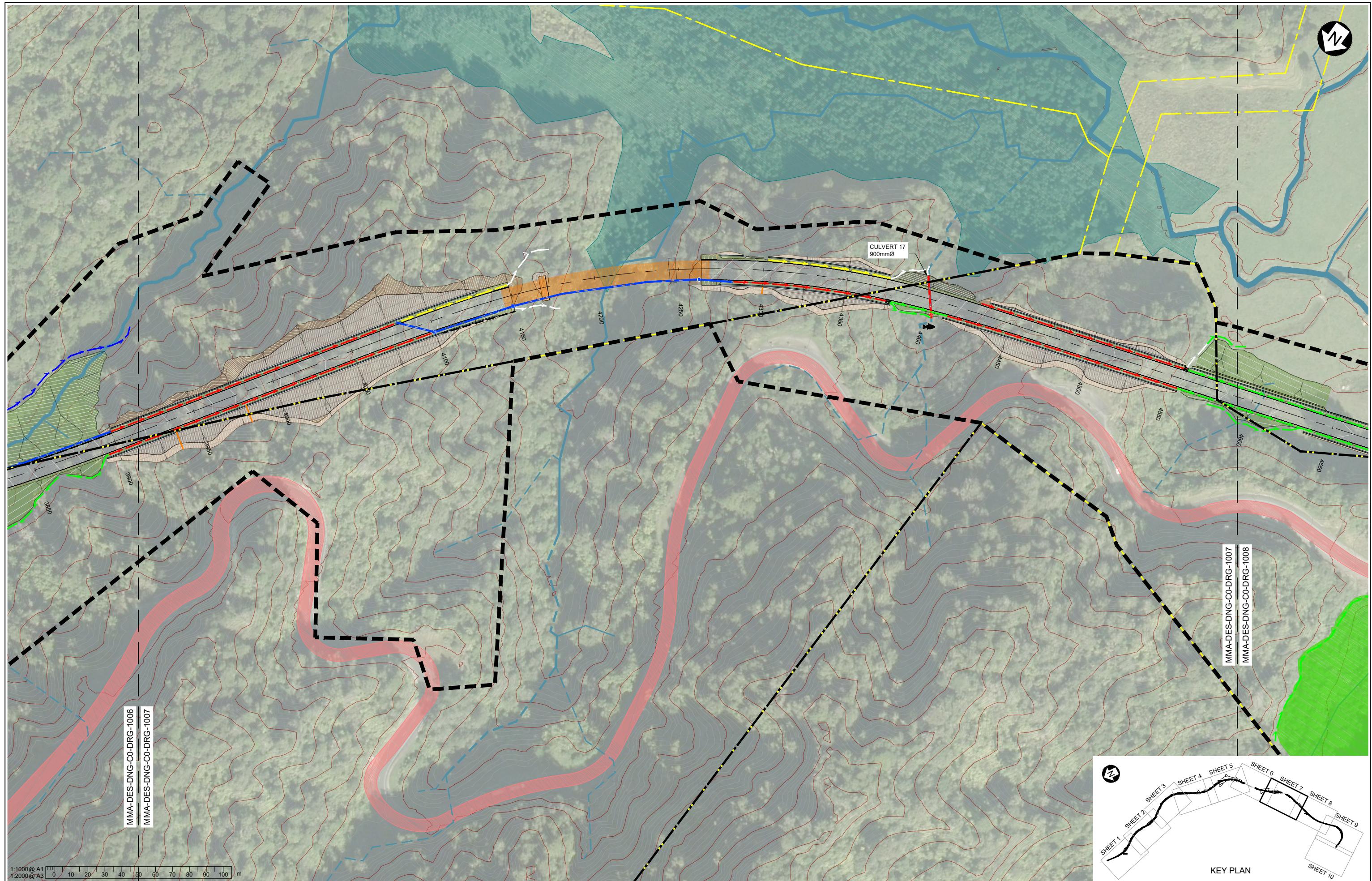


MT MESSENGER BYPASS										Approved	
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Rev Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date					

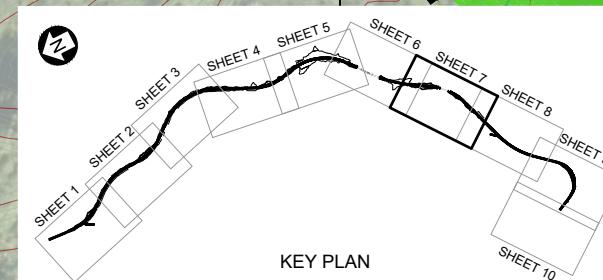


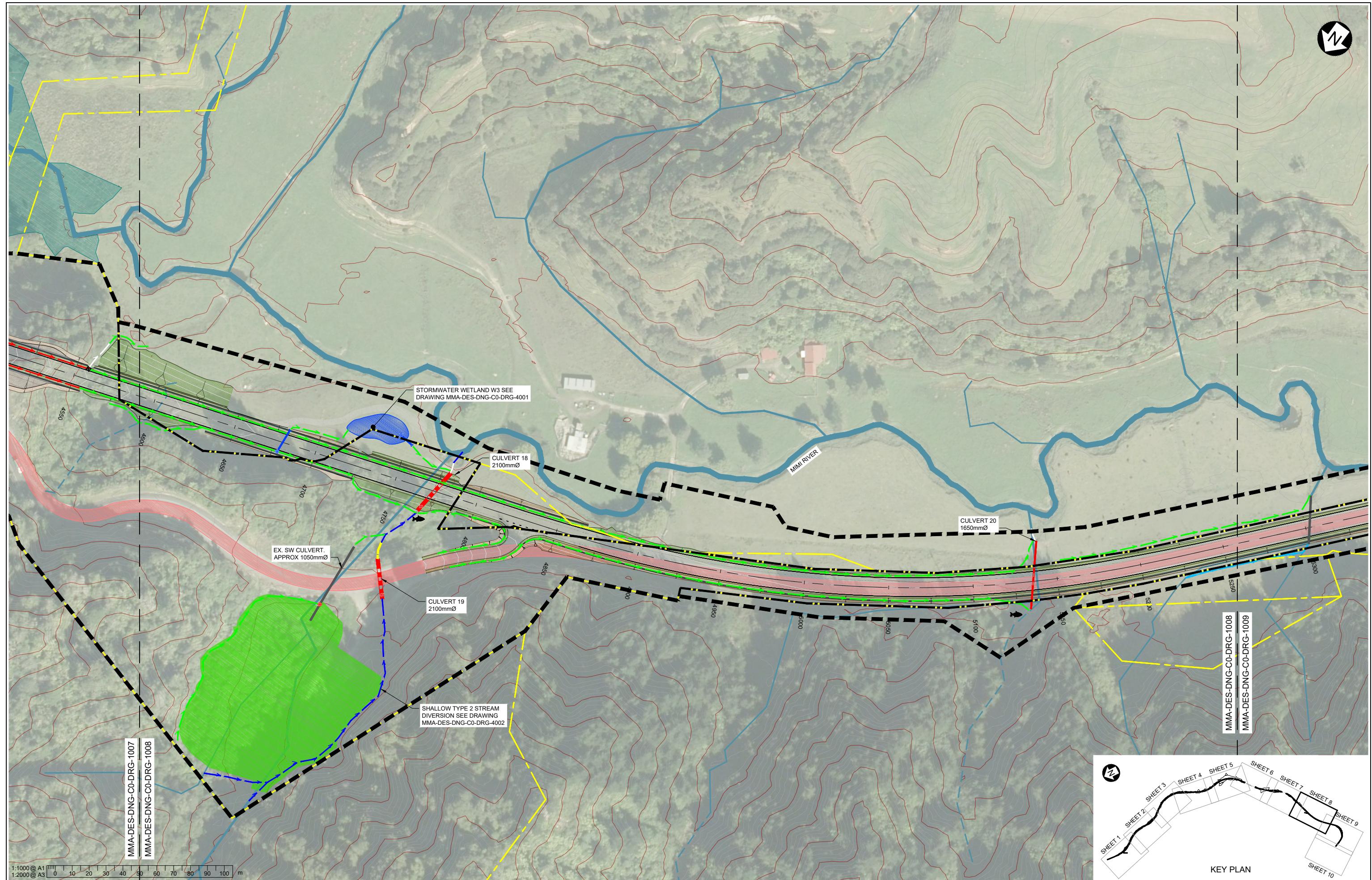


A FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017	Tab MMA-DES-DNG-C0-DRG-1006	Scales 1:2000 (A3) 1:1000 (A1)	NZ TRANSPORT AGENCY WAKA KOTAH	MT MESSENGER BYPASS	Approved D.KENDERDINE
Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	Original Size A1	This drawing is not to be used for construction purposes unless signed approved and issued For Construction	DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 6	Status FOR CONSENT

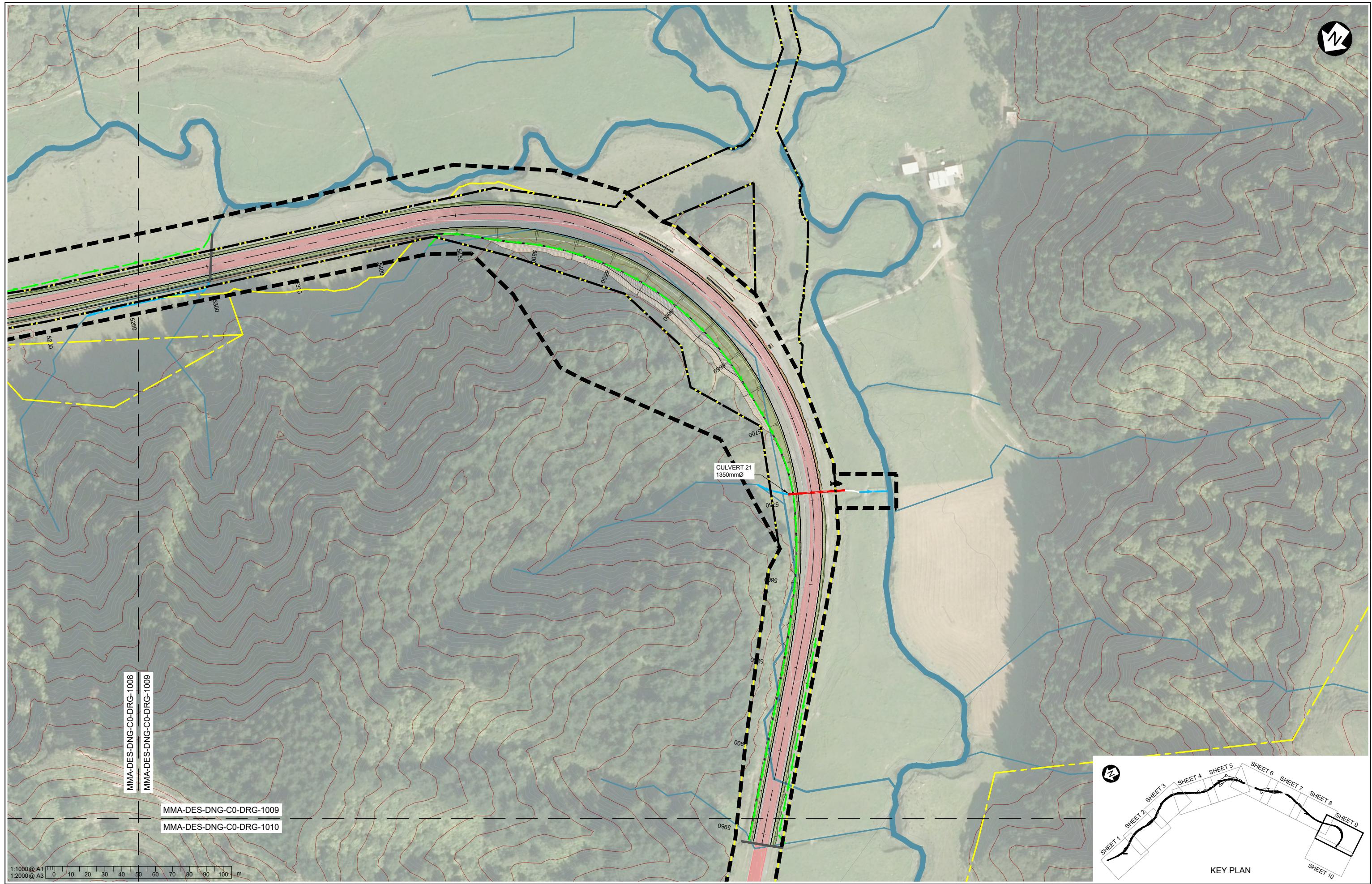


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Rev Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date		This drawing is not to be used for construction purposes unless signed approved and issued For Construction		Status FOR CONSENT

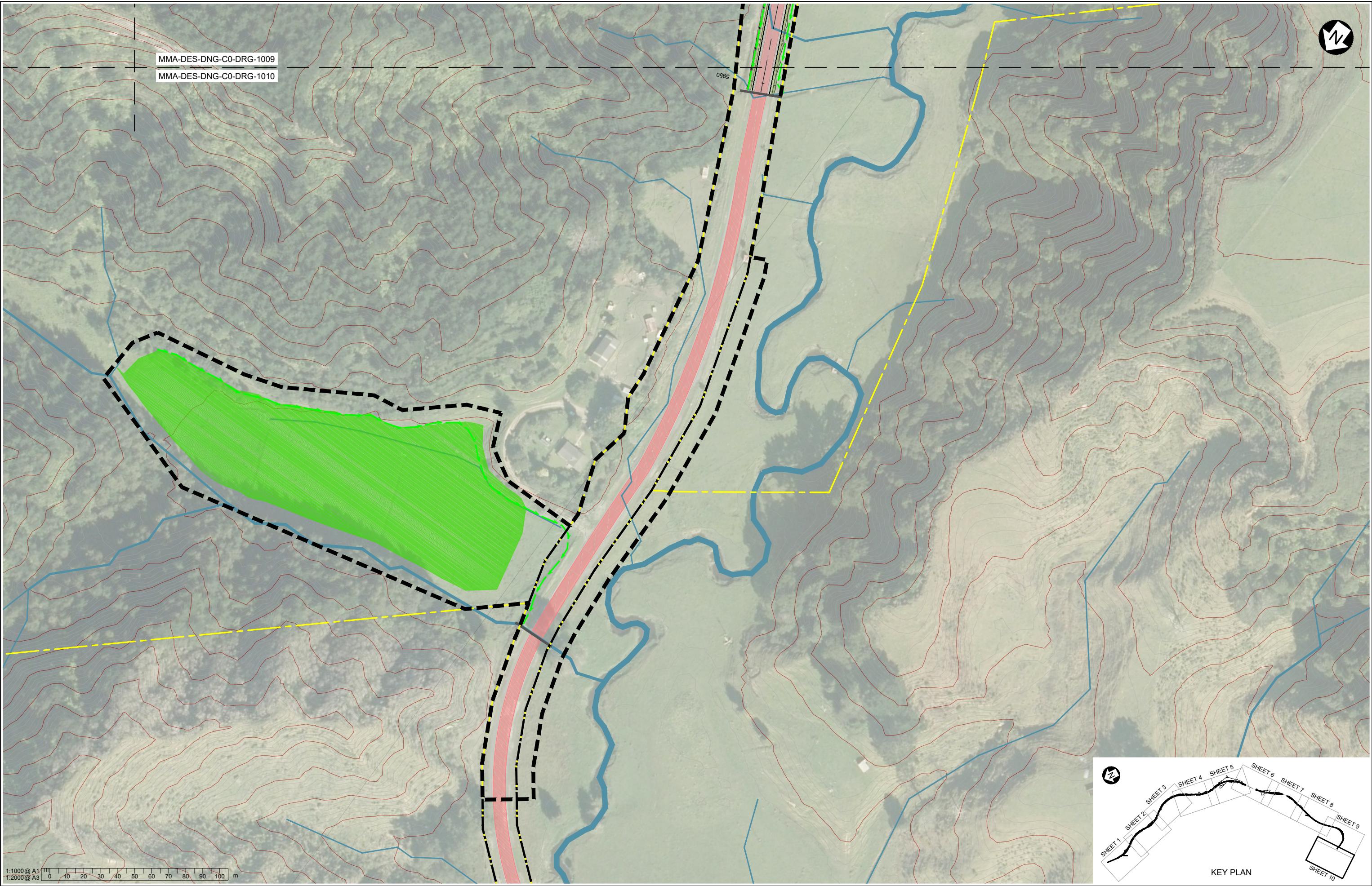




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Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date	This drawing is not to be used for construction purposes unless signed approved and issued For Construction	DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 8	Status FOR CONSENT



A FOR CONSENT	QDO'S WHE MAK	WSB LG	14/11/2017	Approved D.KENDERDINE
Rev	Revision Description	Drawn Checked Designed	Design Checked Approved Date	Status FOR CONSENT
MT MESSENDER BYPASS				
DRAINAGE GENERAL ARRANGEMENTS LAYOUT			Drawing Number MMA-DES-DNG-C0-DRG-1009	
SHEET 9			Revision A	
 Te Ara o Te Ata Mt Messenger Bypass				



A FOR CONSENT	QDO'S	WHE	MAK	WSB	LG	14/11/2017	Tab MMA-DES-DNG-C0-DRG-1010 Scales 1:2000 (A3) 1:1000 (A1) Original Size A1	NZ TRANSPORT AGENCY WAKA KOTAH Mt Messenger Bypass	MT MESSENGER BYPASS DRAINAGE GENERAL ARRANGEMENTS LAYOUT SHEET 10	Approved D.KENDERDINE
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		Status FOR CONSENT	Drawing Number MMA-DES-DNG-C0-DRG-1010 Revision A