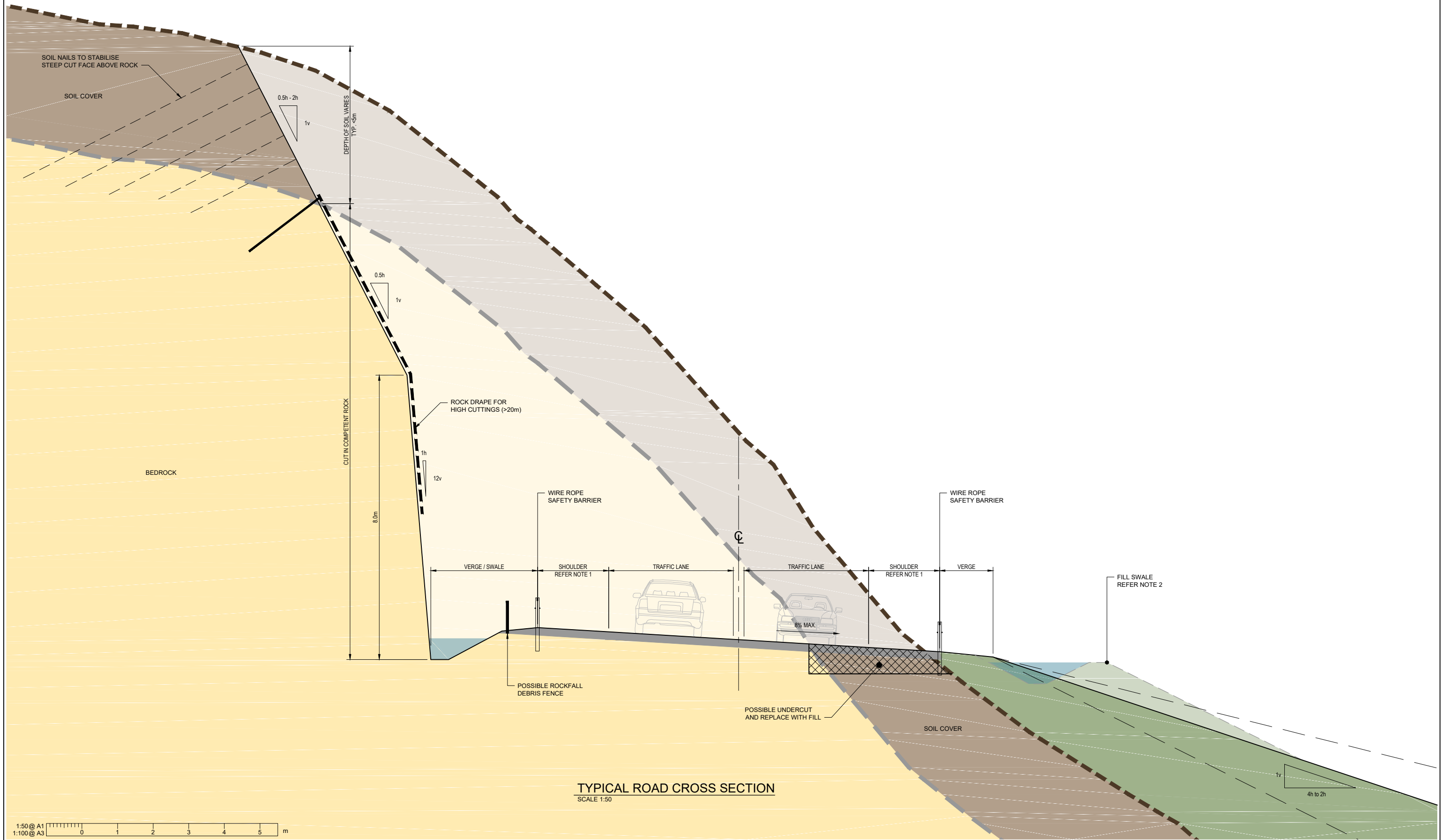
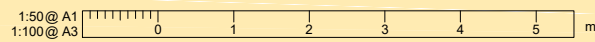


NOTES

1. WIDENING FOR SIGHT DISTANCES AS REQUIRED.
2. SWALES TO BE USED IN LIEU OF PIPES WHERE ROADSIDE DRAINAGE IS REQUIRED.

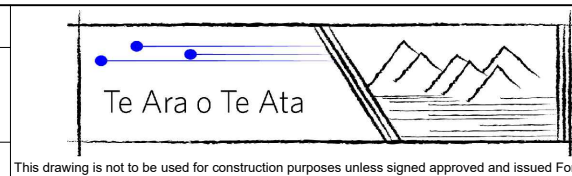


TYPICAL ROAD CROSS SECTION
SCALE 1:50



Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date
A	FOR CONSENT	QDO'S	WHE	GC	LG	LG	14/11/2017

Tab	MMA-DES-GEM-C0-DRG-3001
Scales	1:50 (A1) 1:100 (A3)
Original Size	A1

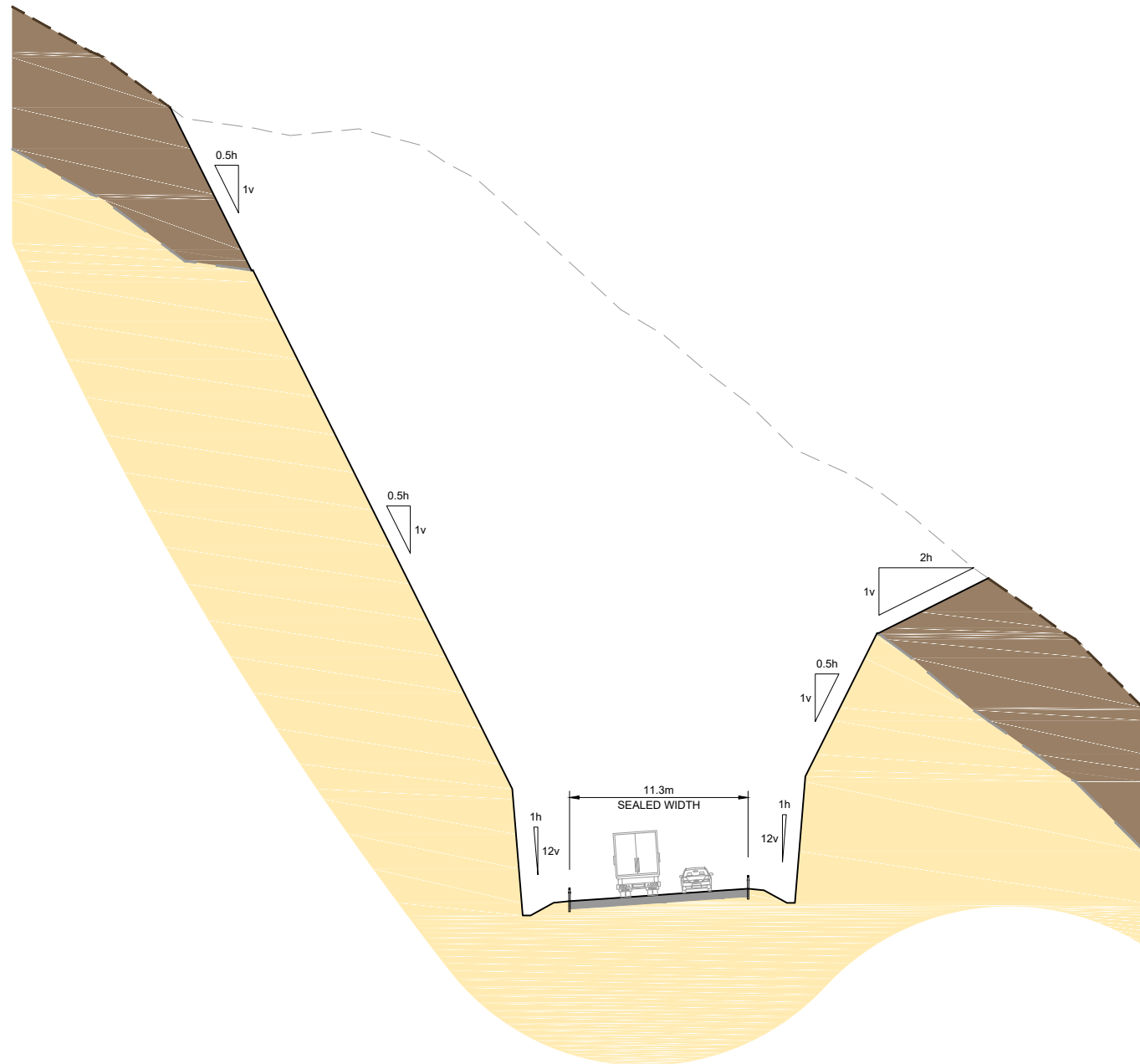


MT MESSENGER BYPASS	
GEOMETRICS	
TYPICAL ROAD CROSS SECTION	

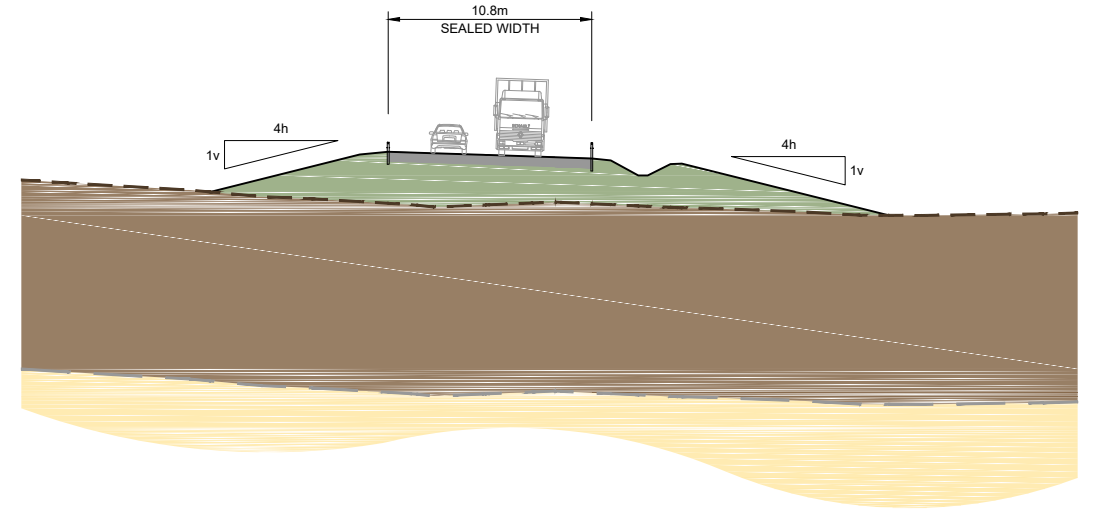
Approved	D. KENDERDINE
Status	FOR CONSENT
Drawing Number	MMA-DES-GEM-C0-DRG-3001
Revision	A

NOTES

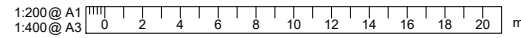
1. FOR GENERAL ARRANGEMENT PLANS AND SECTION LOCATIONS SEE DRAWINGS MMA-DES-GEM-C0-DRG-1000_1010.



A SECTION
1001 SCALE 1:200

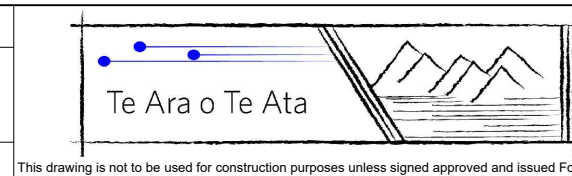


B SECTION
1001 SCALE 1:200



Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date
A	FOR CONSENT	QDO'S	WHE	GC	LG	LG	14/11/2017

Tab	MMA-DES-GEM-C0-DRG-3011
Scales	1:400 (A3) 1:200 (A1)
Original Size	A1

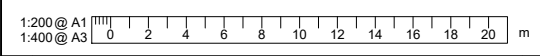
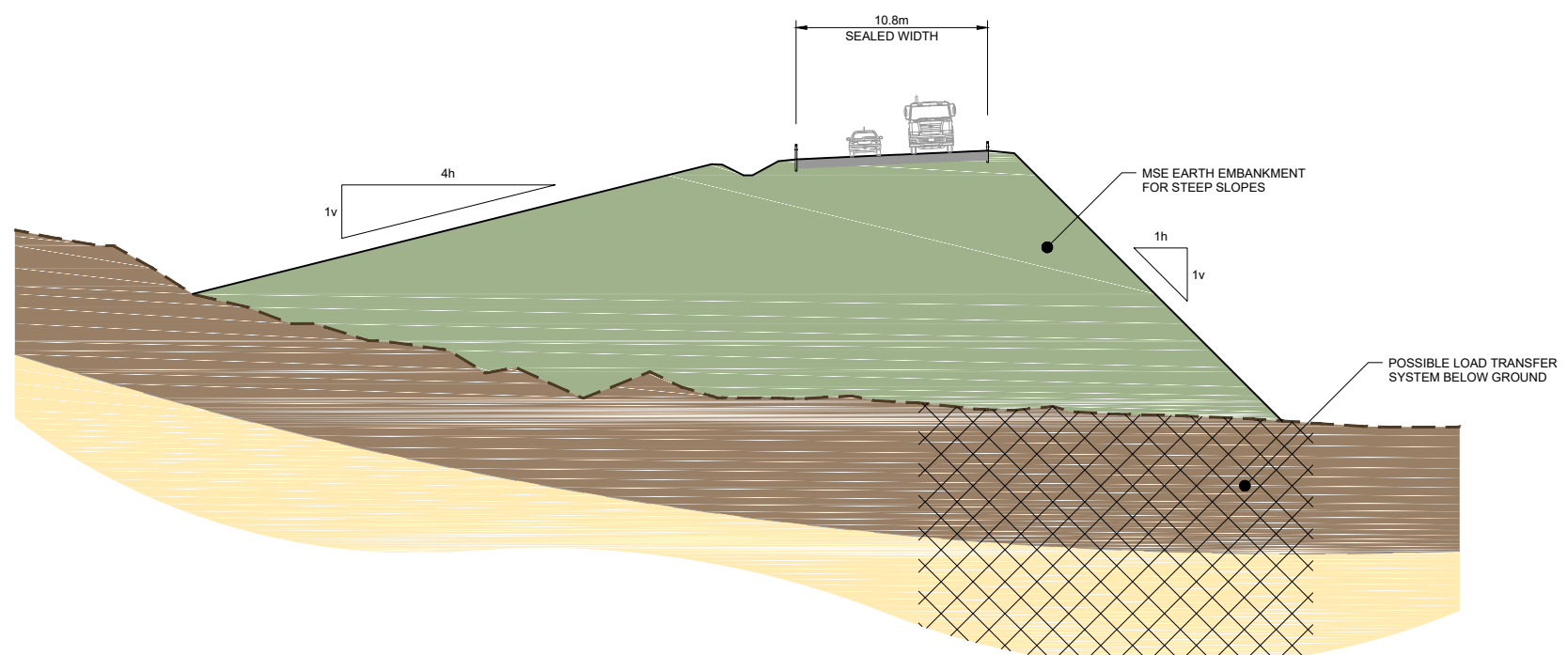
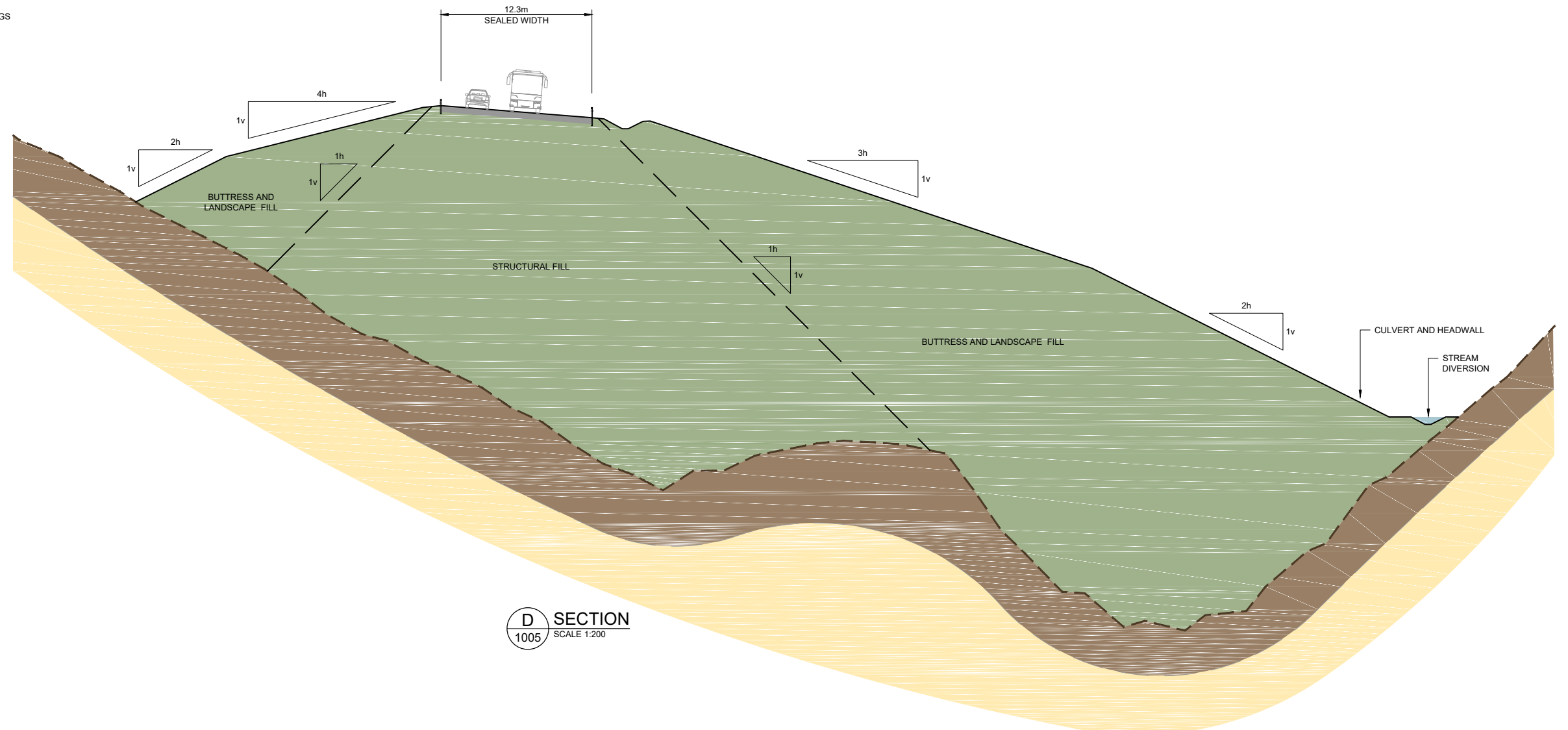


MT MESSENGER BYPASS
GEOMETRICS
ROAD CROSS SECTIONS
SHEET 1

Approved	D. KENDERDINE
Status	FOR CONSENT
Drawing Number	MMA-DES-GEM-C0-DRG-3011
Revision	A

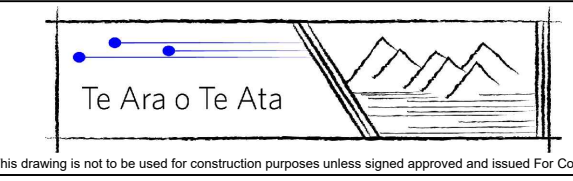
NOTES

1. FOR GENERAL ARRANGEMENT PLANS AND SECTION LOCATIONS SEE DRAWINGS MMA-DES-GEM-C0-DRG-1000_1010.



Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date
A	FOR CONSENT	QDO'S	WHE	GC	LG	LG	14/11/2017

Tab	MMA-DES-GEM-C0-DRG-3012
Scales	1:400 (A3) 1:200 (A1)
Original Size	A1

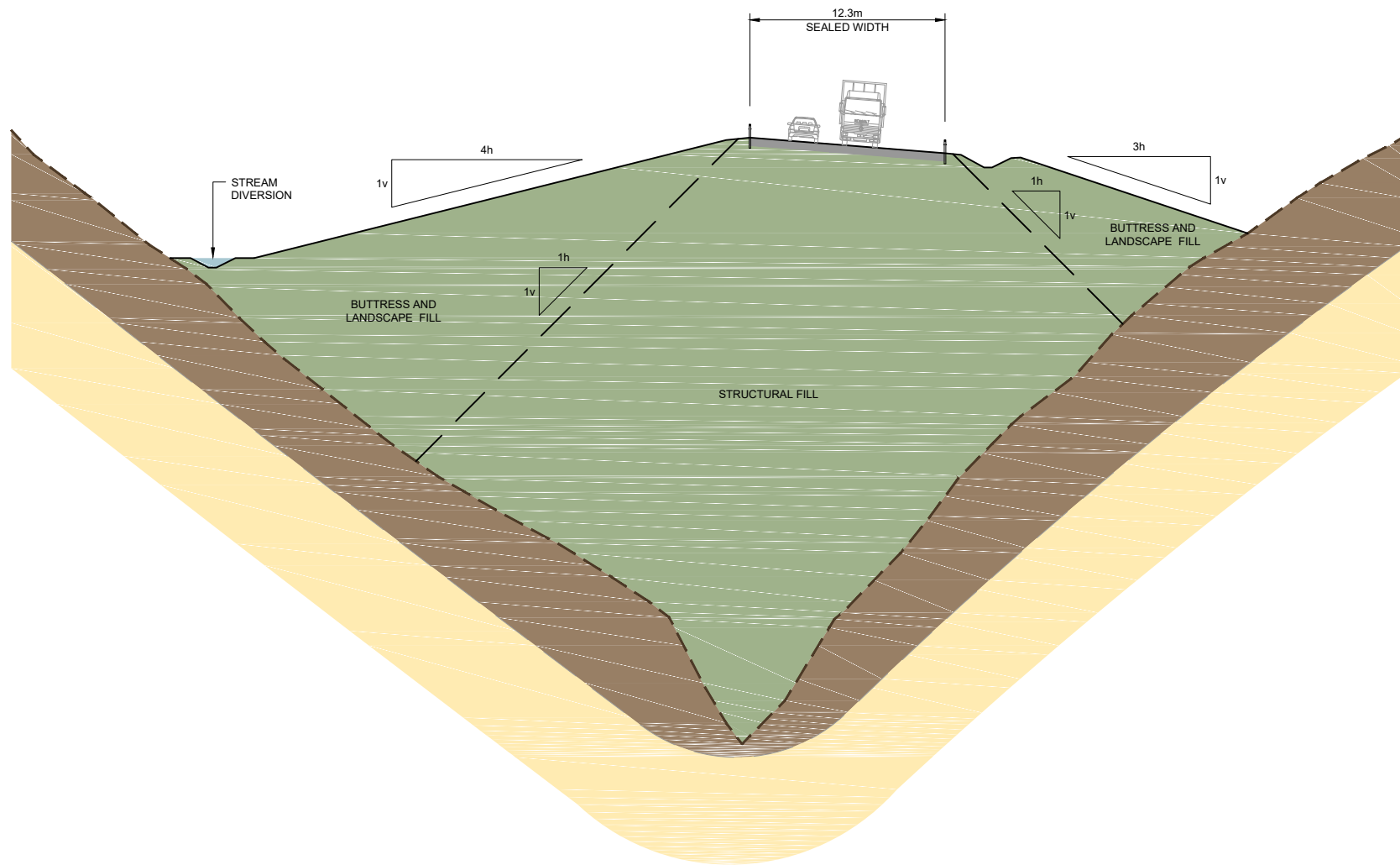


MT MESSENGER BYPASS
GEOMETRICS
ROAD CROSS SECTIONS
SHEET 2

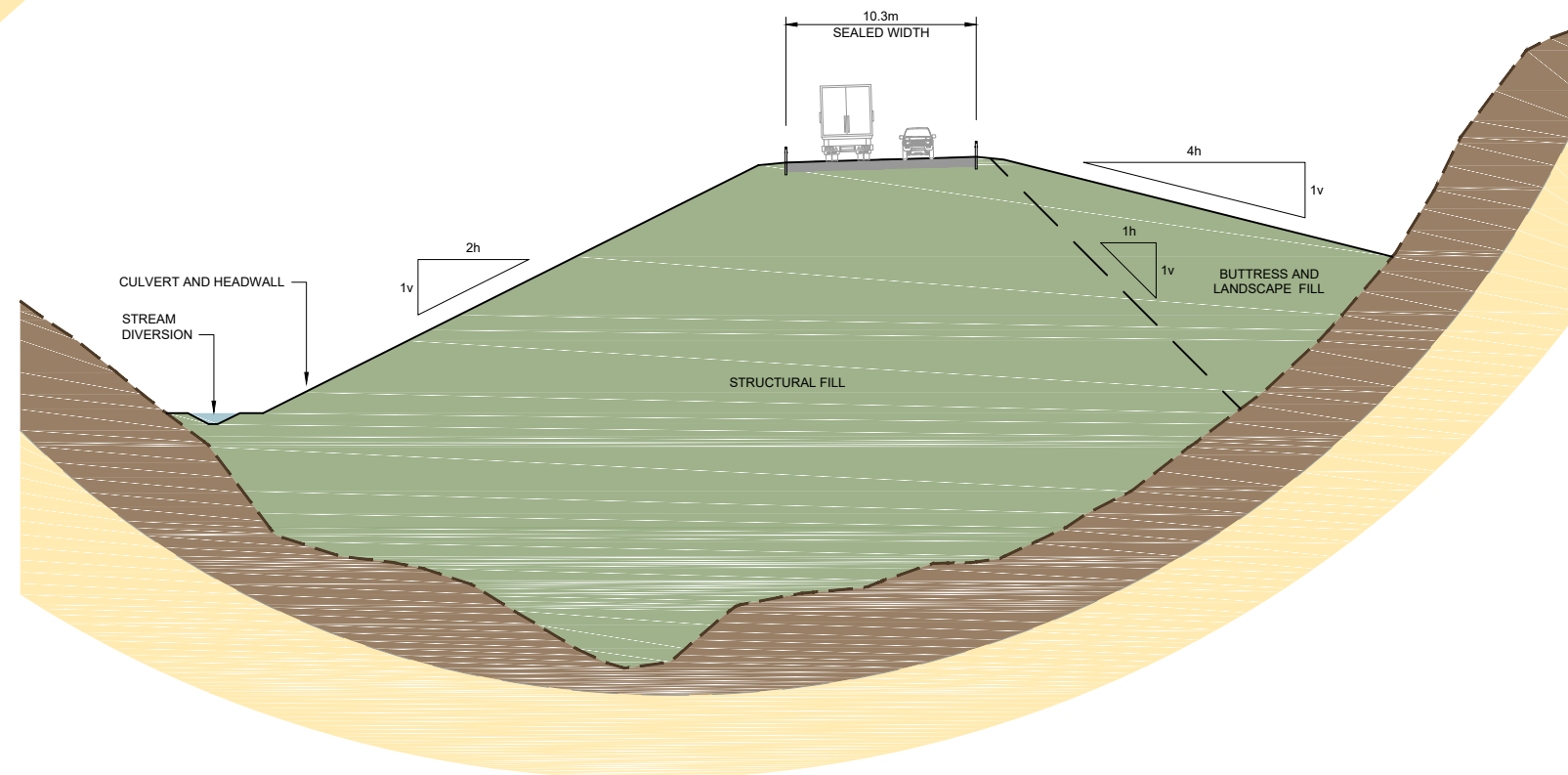
Approved	D. KENDERDINE
Status	FOR CONSENT
Drawing Number	MMA-DES-GEM-C0-DRG-3012
Revision	A

NOTES

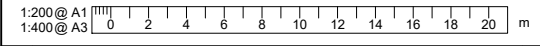
1. FOR GENERAL ARRANGEMENT PLANS AND SECTION LOCATIONS SEE DRAWINGS MMA-DES-GEM-C0-DRG-1000_1010.



E SECTION
1005 SCALE 1:200

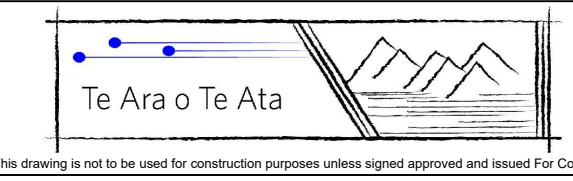


F SECTION
1006 SCALE 1:200



Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date
A	FOR CONSENT	QDO'S	WHE	GC	LG	LG	14/11/2017

Tab	MMA-DES-GEM-C0-DRG-3013
Scales	1:400 (A3) 1:200 (A1)
Original Size	A1

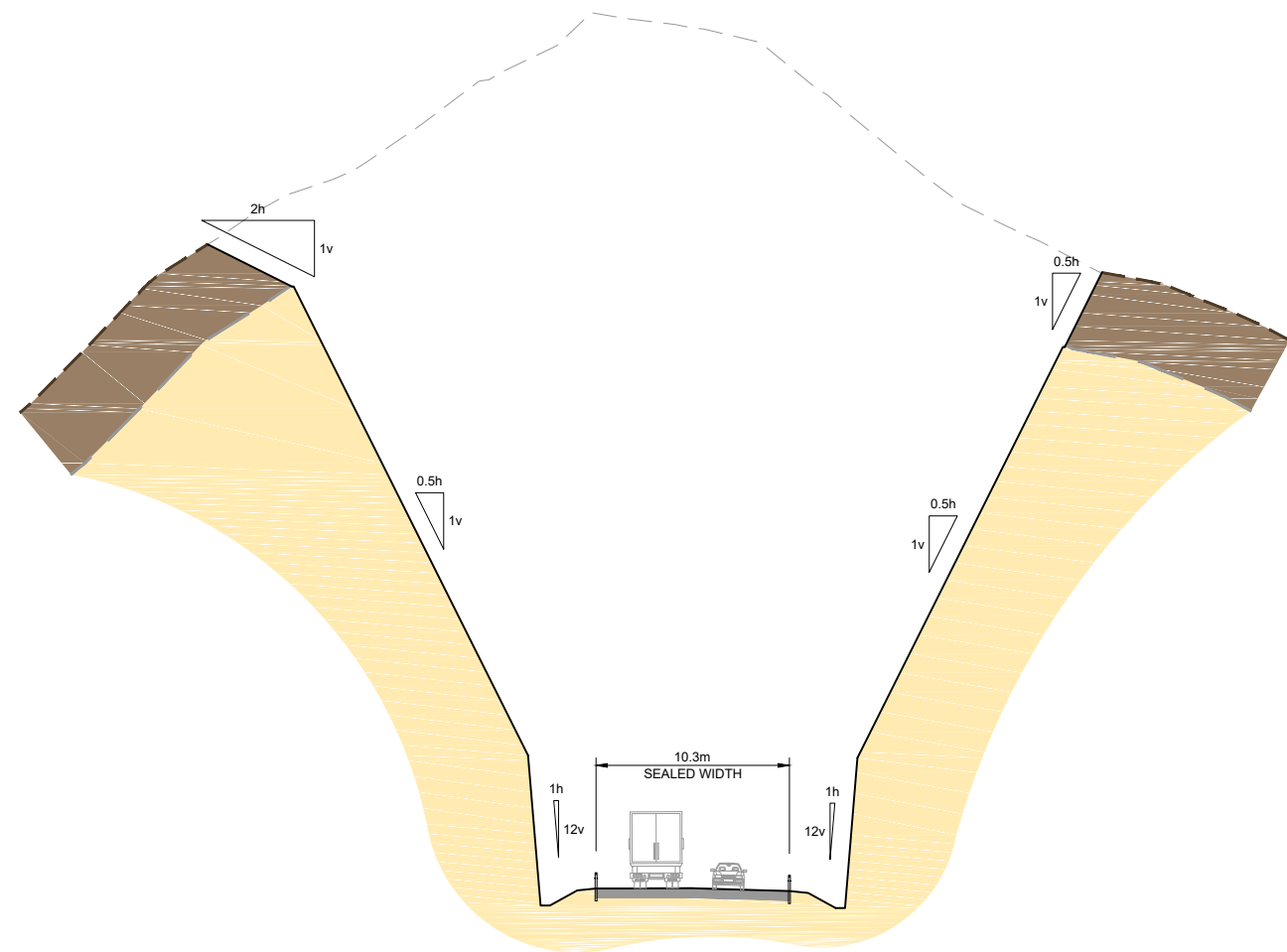


MT MESSENGER BYPASS
GEOMETRICS
ROAD CROSS SECTIONS
SHEET 3

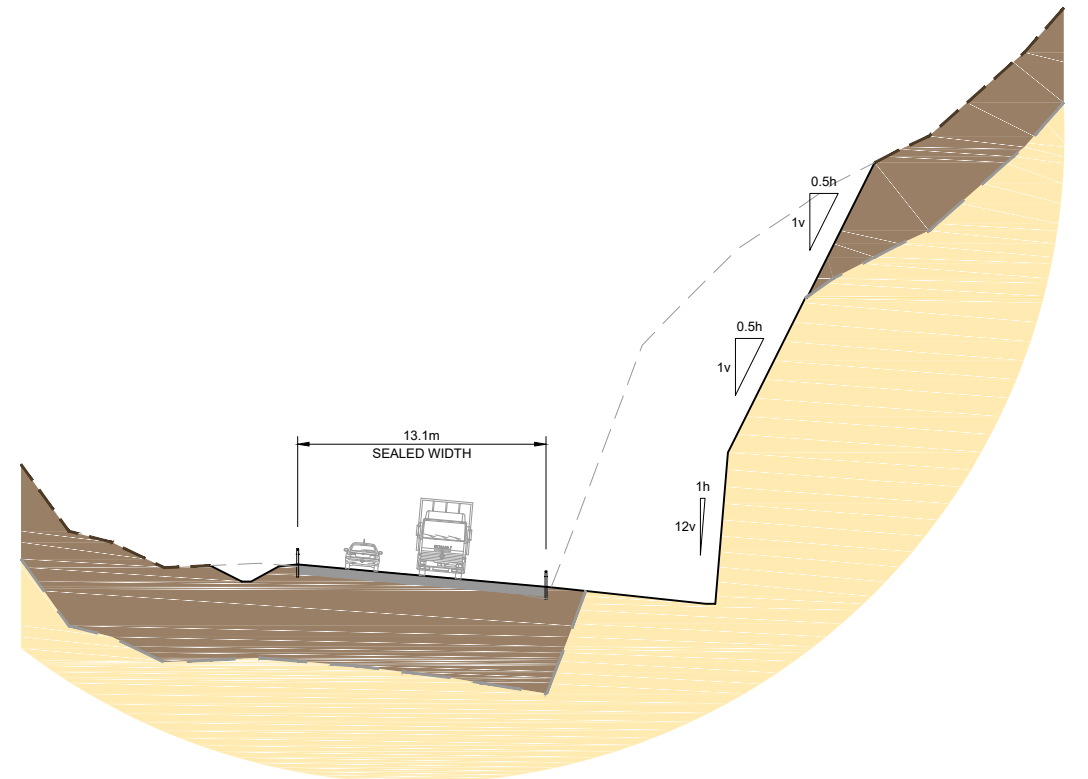
Approved	D. KENDERDINE
Status	FOR CONSENT
Drawing Number	MMA-DES-GEM-C0-DRG-3013
Revision	A

NOTES

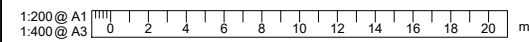
1. FOR GENERAL ARRANGEMENT PLANS AND SECTION LOCATIONS SEE DRAWINGS MMA-DES-GEM-C0-DRG-1000_1010.



G SECTION
1007 SCALE 1:200

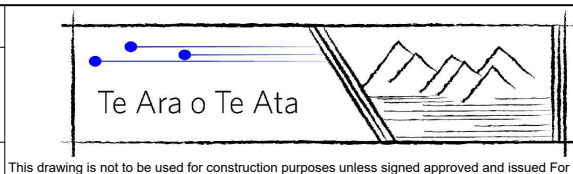


H SECTION
1009 SCALE 1:200



Rev	Revision Description	Drawn	Checked	Designed	Design Checked	Approved	Date
A	FOR CONSENT	QDO'S	WHE	GC	LG	LG	14/11/2017

Tab	MMA-DES-GEM-C0-DRG-3014
Scales	1:400 (A3) 1:200 (A1)
Original Size	A1



MT MESSENGER BYPASS
GEOMETRICS
ROAD CROSS SECTIONS
SHEET 4

Approved	D. KENDERDINE
Status	FOR CONSENT
Drawing Number	MMA-DES-GEM-C0-DRG-3014
Revision	A