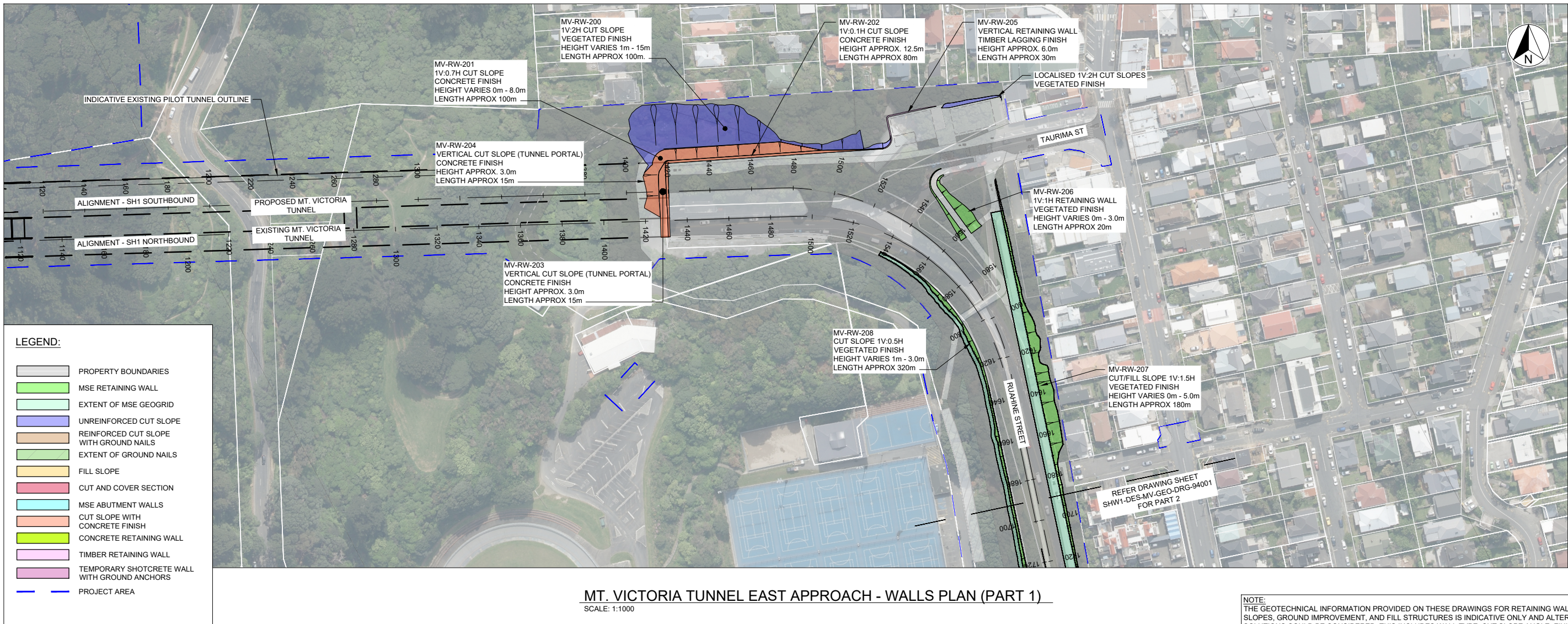


MT. VICTORIA TUNNEL WEST APPROACH - WALLS PLAN
SCALE: 1:1000



MT. VICTORIA TUNNEL EAST APPROACH - WALLS PLAN (PART 1)
SCALE: 1:1000

1:1000 @ A1
1:2000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



GEOTECHNICAL

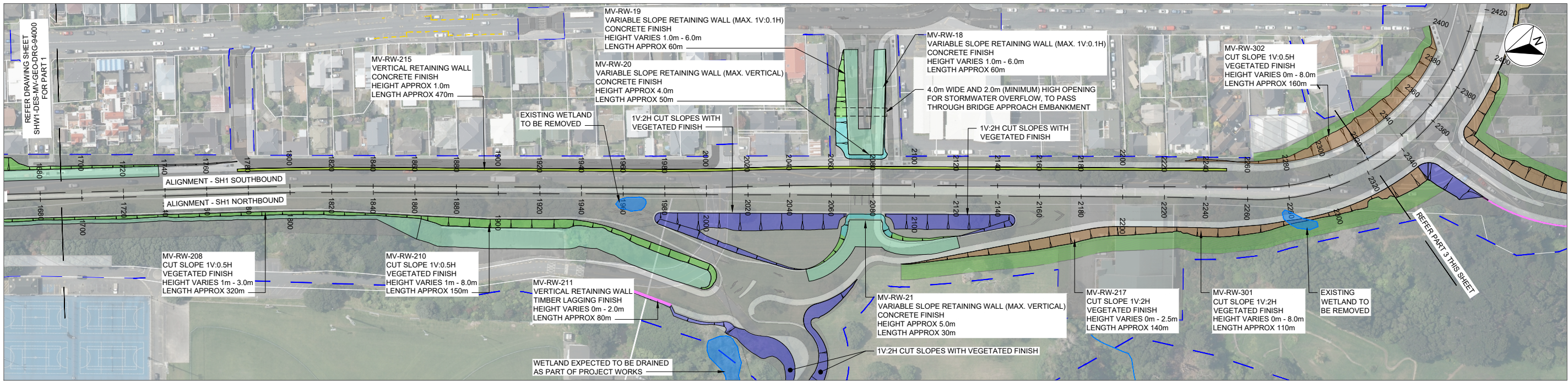
SCALES	DESIGNED	APPROVED
1:1000 (A1)	A. WANG	E. SUTTON
DRAWN	H. TIONGCO	
DRAWING VERIFIED	Q. O'SHAUGHNESSY	
DESIGN VERIFIED	R. RAMILO	
APPROVED DATE	2026-07-09	

CONSSENT DESIGN

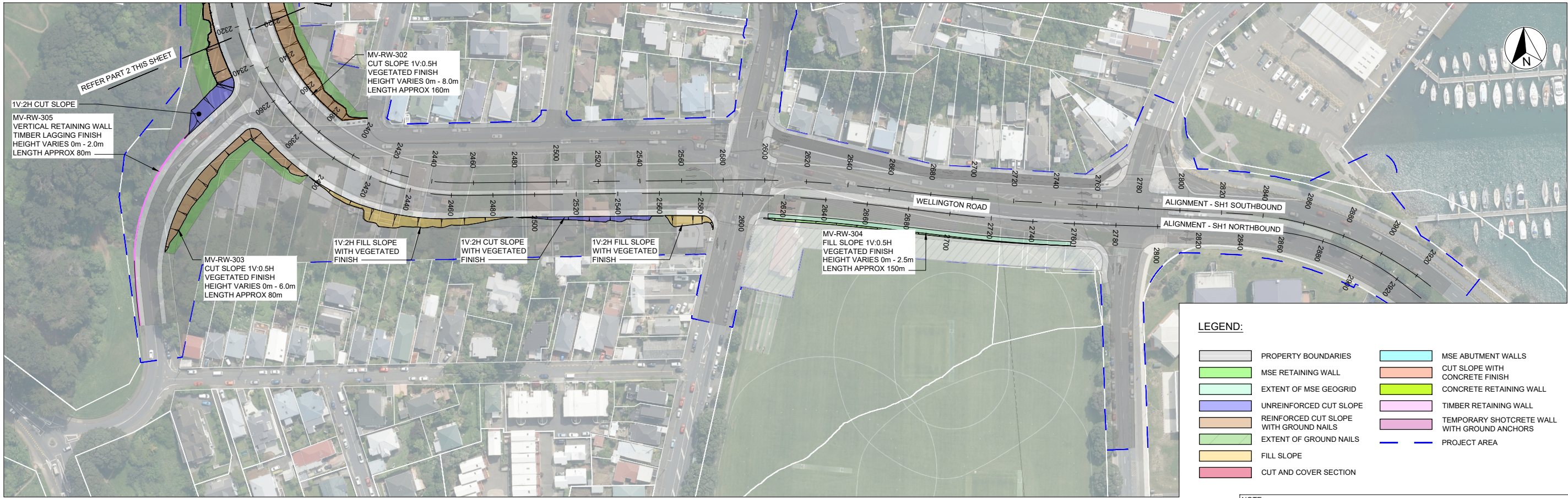
PROJECT
NZ TRANSPORT AGENCY
WELLINGTON
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS

TITLE
MT VICTORIA TUNNEL
GEOTECHNICAL PLAN - SHEET 1

WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94000	A



MT. VICTORIA TUNNEL EAST APPROACH - WALLS PLAN (PART 2)
SCALE: 1:1000



LEGEND:

- | | |
|--|--|
| PROPERTY BOUNDARIES | MSE ABUTMENT WALLS |
| MSE RETAINING WALL | CUT SLOPE WITH CONCRETE FINISH |
| EXTENT OF MSE GEOGRID | CONCRETE RETAINING WALL |
| UNREINFORCED CUT SLOPE | TIMBER RETAINING WALL |
| REINFORCED CUT SLOPE WITH GROUND NAILS | TEMPORARY SHOTCRETE WALL WITH GROUND ANCHORS |
| EXTENT OF GROUND NAILS | PROJECT AREA |
| FILL SLOPE | |
| CUT AND COVER SECTION | |

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

MT. VICTORIA TUNNEL EAST APPROACH - WALLS PLAN (PART 3)
SCALE: 1:1000

1:1000 @ A1
1:2000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09

NZ TRANSPORT AGENCY
WAKA KOTAHI

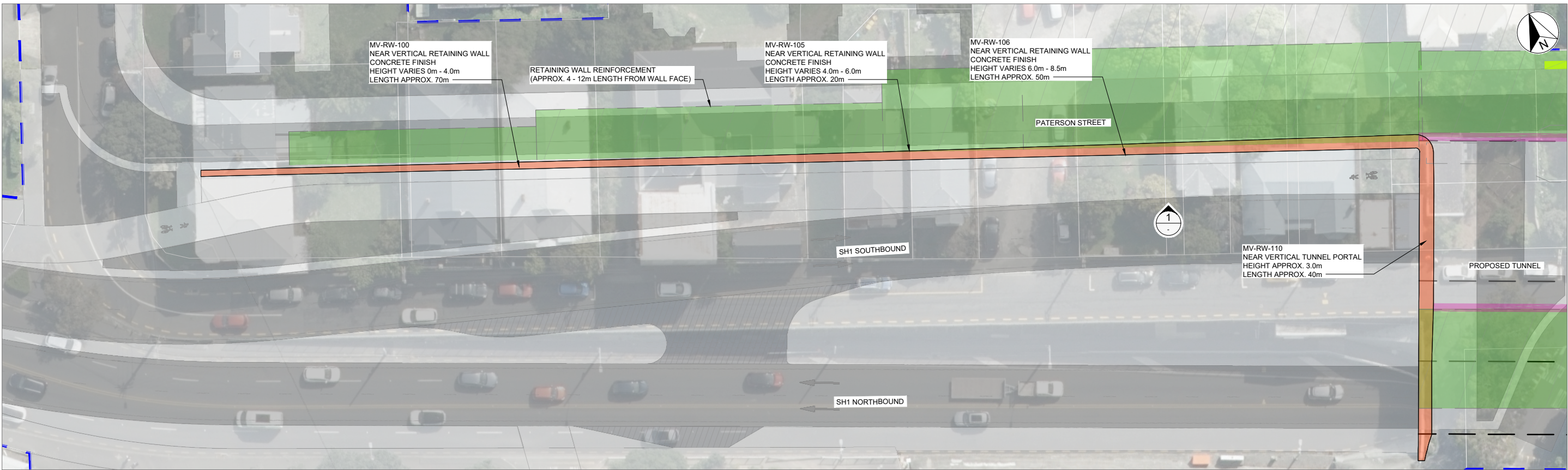
wsp
Tonkin+Taylor **ARUP**

GEOTECHNICAL

SCALES	DESIGNED	APPROVED
1:1000 (A1)	A. WANG	E. SUTTON
DRAWN	H. TIONGCO	
DRAWING VERIFIED	Q. O'SHAUGHNESSY	
DESIGN VERIFIED	R. RAMILO	
APPROVED DATE	2026-07-09	

CONSSENT DESIGN

PROJECT	NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS
TITLE	MT VICTORIA TUNNEL GEOTECHNICAL PLAN - SHEET 2
WSP PROJECT NO.	5-C4434.01
PROJ-ORIG-VOL-LOC-TYPE	SH1WI-DES-MV-GEO-DRG
SHEET NO.	94001
REVISION	A

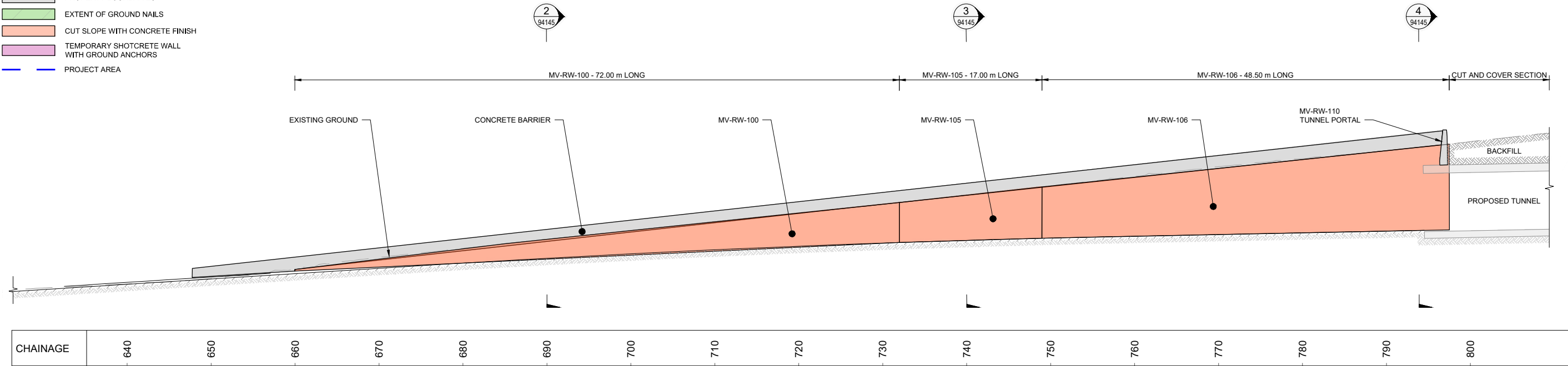


MV-RW-100, 105 & 106 PLAN

SCALE: 1:250

LEGEND:

- PROPERTY BOUNDARIES
- EXTENT OF GROUND NAILS
- CUT SLOPE WITH CONCRETE FINISH
- TEMPORARY SHOTCRETE WALL WITH GROUND ANCHORS
- PROJECT AREA



1 MV-RW-100, 105 & 106 ELEVATION

SCALE: 1:250

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

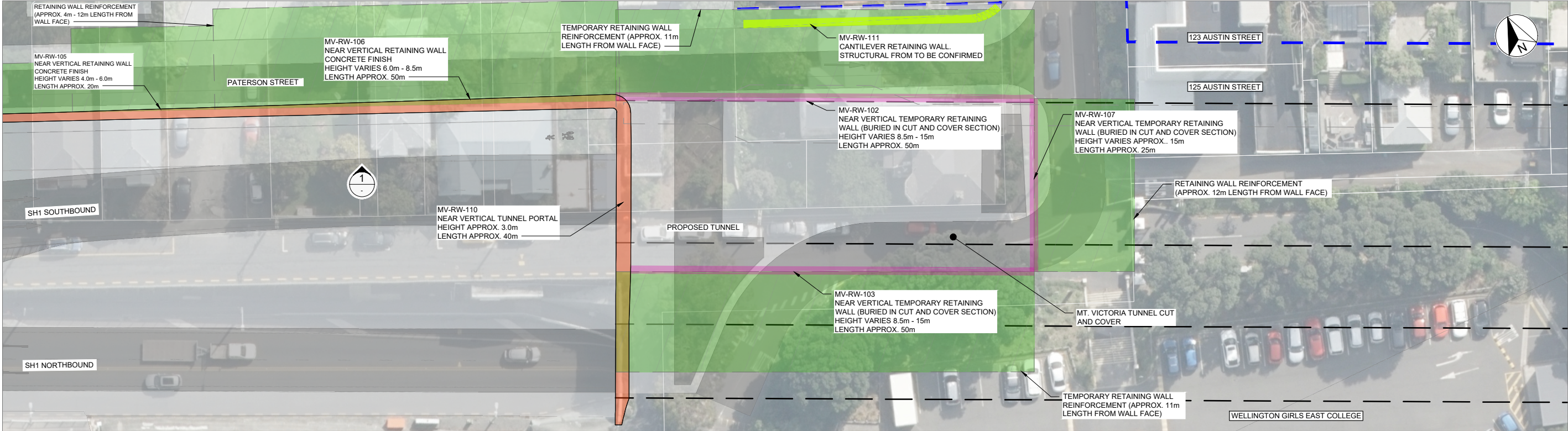
1:250 @ A1
1:500 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



SCALES	DESIGNED	APPROVED
1:250 (A1)	A. WANG	E. SUTTON
DRAWN	DESIGN VERIFIED	APPROVED DATE
H. TIONGCO	R. RAMILO	2026-07-09
DRAWING VERIFIED		
Q. O'SHAUGHNESSY		

PROJECT	ORIGINAL SIZE	REVISION
NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS	A1	A
TITLE		
MT VICTORIA TUNNEL MV-RW-100, 105 & 106 - PLAN AND ELEVATION		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94140

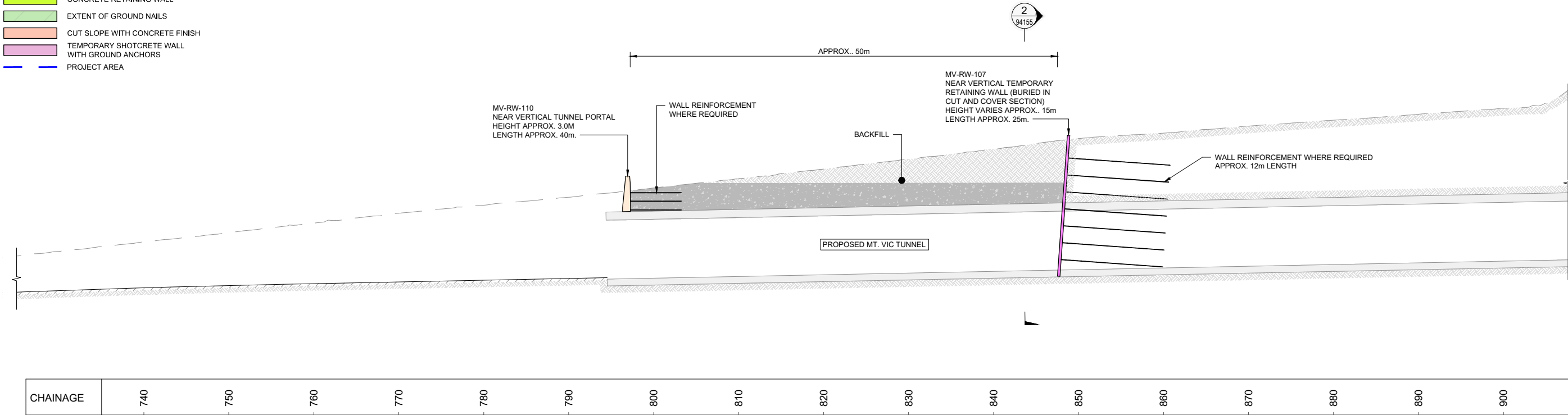


LEGEND:

- PROPERTY BOUNDARIES
- CONCRETE RETAINING WALL
- EXTENT OF GROUND NAILS
- CUT SLOPE WITH CONCRETE FINISH
- TEMPORARY SHOTCRETE WALL WITH GROUND ANCHORS
- PROJECT AREA

MV-RW-102, 103 & 107 PLAN

SCALE: 1:250



1 MV-RW-107 & 110 ELEVATION

SCALE: 1:250

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

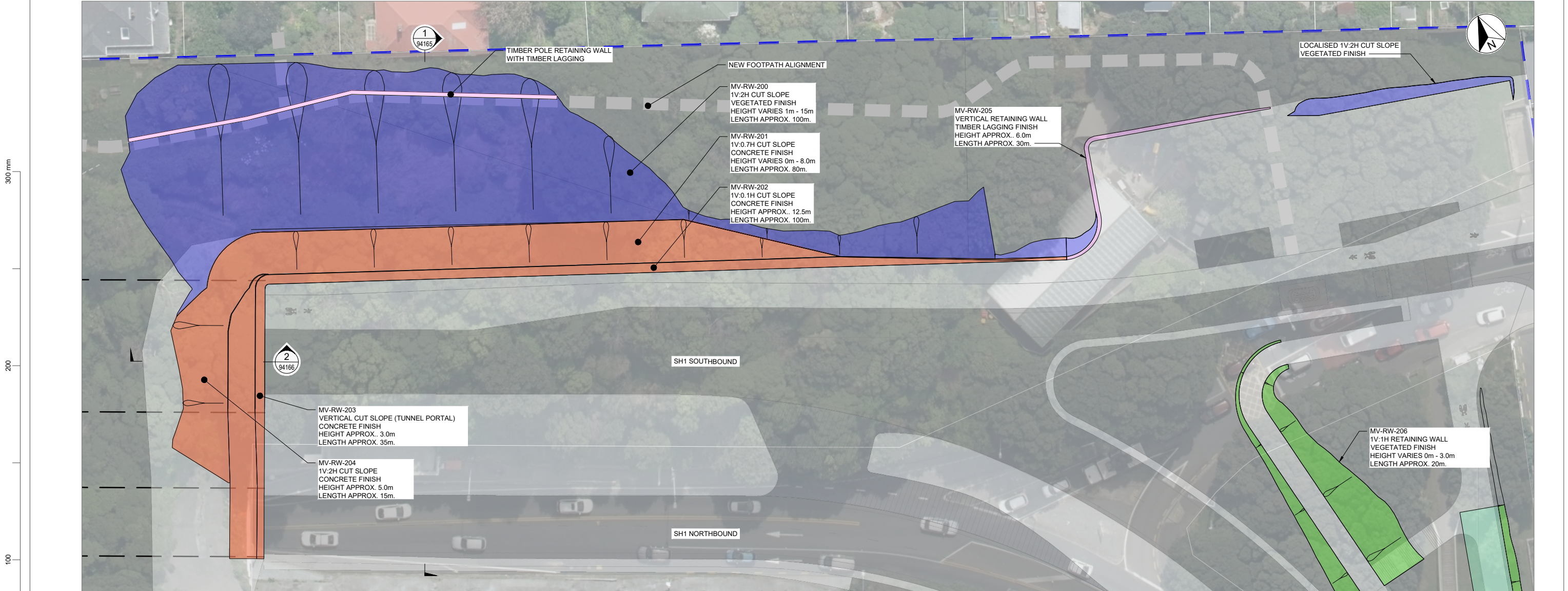
1:250 @ A1
1:500 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



SCALES			ORIGINAL SIZE
1:250 (A1)			A1
DRAWN	DESIGNED	APPROVED	
H. TIONGCO	A. WANG	E. SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09	
CONSENT DESIGN			

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
MT VICTORIA TUNNEL			
MV-RW-102, 103 & 107 - PLAN AND ELEVATION			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94150	A



MV-RW-200 - 206 PLAN
SCALE: 1:250

LEGEND:

- PROPERTY BOUNDARIES
- MSE RETAINING WALL
- EXTENT OF MSE GEOGRID
- UNREINFORCED CUT SLOPE
- CUT SLOPE WITH CONCRETE FINISH
- TIMBER RETAINING WALL
- PROJECT AREA

1:250 @ A1
1:500 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



GEOTECHNICAL

SCALES	ORIGINAL SIZE
1:250 (A1)	A1
DRAWN	DESIGNED
H. TIONGCO	A. WANG
APPROVED	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED
Q. O'SHAUGHNESSY	R. RAMILO
APPROVED DATE	2026-07-09

CONSSENT DESIGN

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

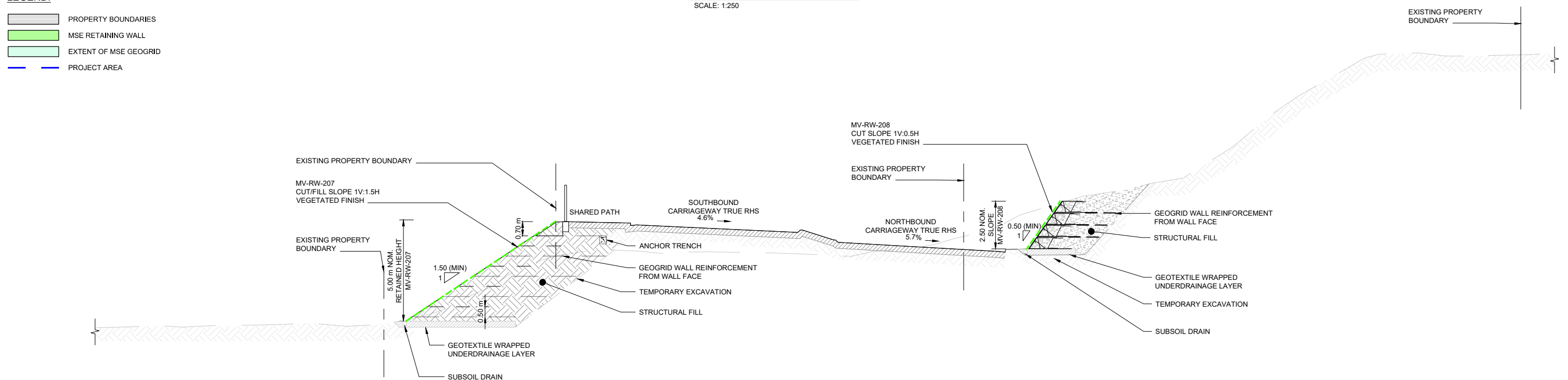
PROJECT	NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS
TITLE	MT VICTORIA TUNNEL MV-RW-200 - 206 - PLAN
WSP PROJECT NO.	5-C4434.01
PROJ-ORIG-VOL-LOC-TYPE	SH1WI-DES-MV-GEO-DRG
SHEET NO.	94160
REVISION	A



- LEGEND:
- PROPERTY BOUNDARIES
 - MSE RETAINING WALL
 - EXTENT OF MSE GEOGRID
 - PROJECT AREA

MV-RW-207 & 208 PLAN

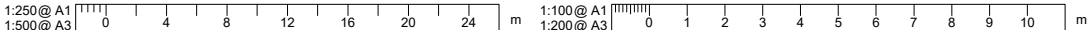
SCALE: 1:250



3 MV-RW-207 & 208 CROSS SECTION

SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY



REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09

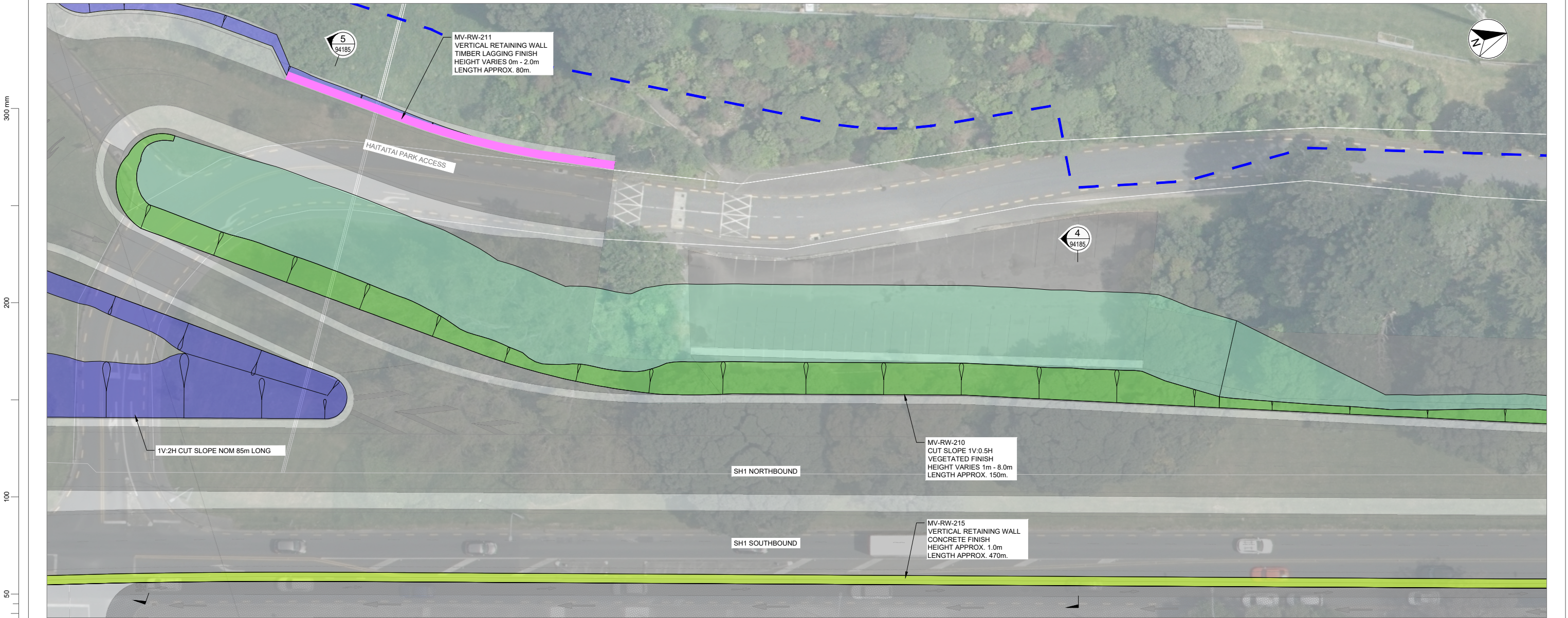


GEOTECHNICAL

SCALES		ORIGINAL SIZE
1:250 (A1)		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09

CONSENT DESIGN

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE MT VICTORIA TUNNEL MV-RW-207 & 208 - PLAN AND CROSS SECTION			
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL+LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94170	REVISION A



MV-RW-210, 211 & 215 PLAN

SCALE: 1:250

LEGEND:

- PROPERTY BOUNDARIES
- MSE RETAINING WALL
- EXTENT OF MSE GEOGRID
- UNREINFORCED CUT SLOPE
- TIMBER RETAINING WALL
- CONCRETE RETAINING WALL
- PROJECT AREA

1:250 @ A1
1:500 @ A3

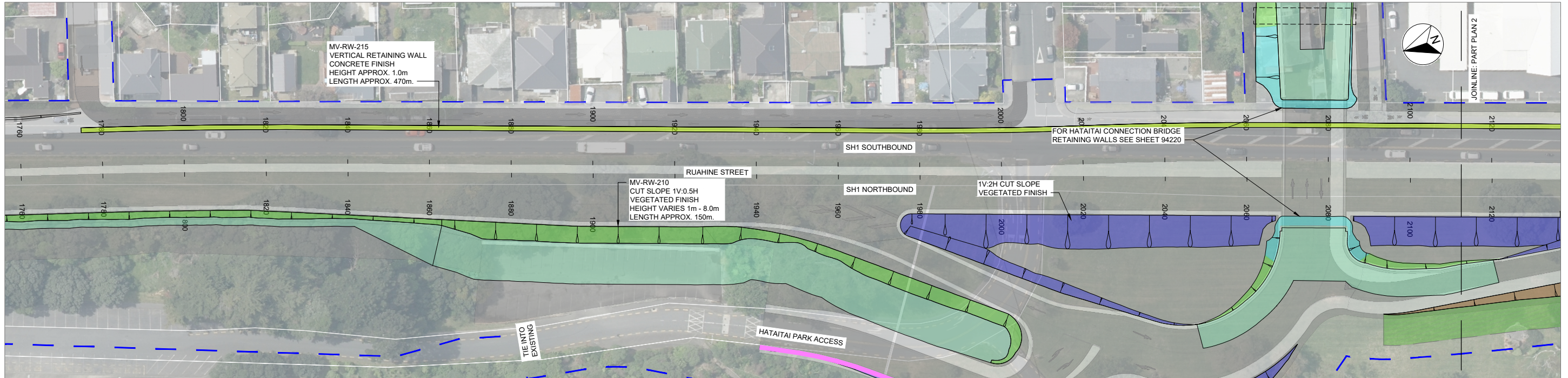
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



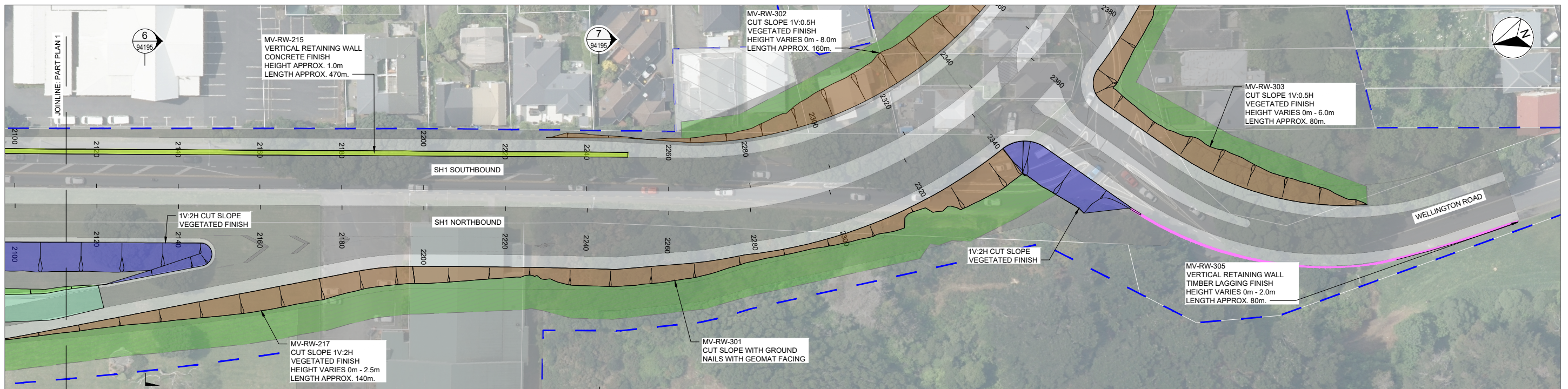
SCALES			ORIGINAL SIZE
1:250 (A1)			A1
DRAWN	DESIGNED	APPROVED	
H. TIONGCO	A. WANG	E. SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09	
CONSENT DESIGN			

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE MT VICTORIA TUNNEL MV-RW-210, 211 & 215 - PLAN			
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94180	REVISION A



MV-RW-210 & 215 (PART PLAN 1)
SCALE: 1:500



MV-RW-215, 217, 301, 302, 303 & 305 (PART PLAN 2)
SCALE: 1:500

LEGEND:

PROPERTY BOUNDARIES	EXTENT OF GROUND NAILS
MSE RETAINING WALL	MSE ABUTMENT WALLS
EXTENT OF MSE GEOGRID	CONCRETE RETAINING WALL
UNREINFORCED CUT SLOPE	TIMBER RETAINING WALL
REINFORCED CUT SLOPE WITH GROUND NAILS	PROJECT AREA

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09

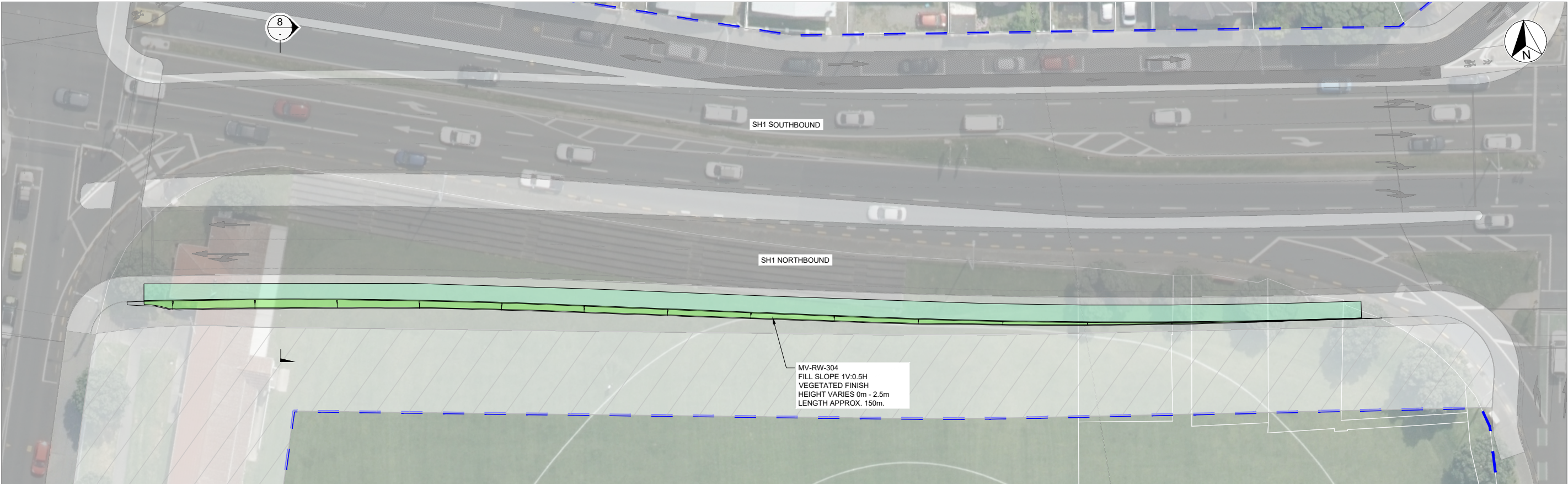


GEOTECHNICAL

SCALES	DESIGNED	APPROVED
1:500 (A1)	A. WANG	E. SUTTON
DRAWN	H. TIONGCO	
DRAWING VERIFIED	Q. O'SHAUGHNESSY	
DESIGN VERIFIED	R. RAMILO	
APPROVED DATE	2026-07-09	

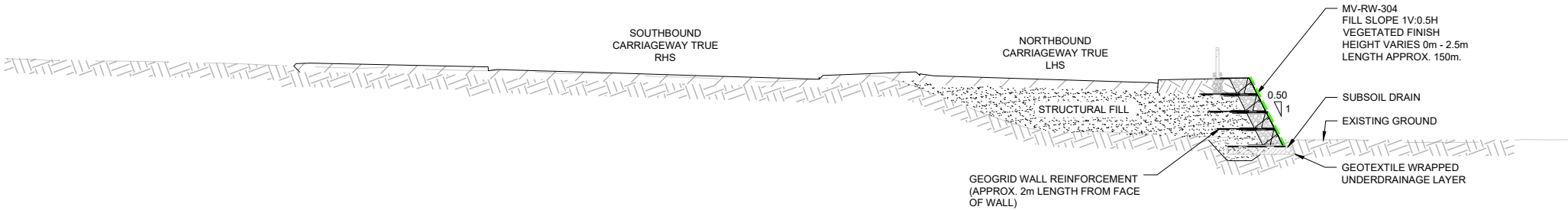
CONSSENT DESIGN

PROJECT	NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS
TITLE	MT VICTORIA TUNNEL MV-RW-215 & 301 - PLAN
WSP PROJECT NO.	5-C4434.01
PROJ-ORIG-VOL-LOC-TYPE	SH1WI-DES-MV-GEO-DRG
SHEET NO.	94190
REVISION	A



- LEGEND:**
- PROPERTY BOUNDARIES
 - MSE RETAINING WALL
 - EXTENT OF MSE GEOGRID
 - PROJECT AREA

MV-RW-304 PLAN
SCALE: 1:250



8 MV-RW-304 CROSS SECTION
SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

1:100@ A1 1:200@ A3 0 1 2 3 4 5 6 7 8 9 10 m 1:250@ A1 1:500@ A3 0 4 8 12 16 20 24 m

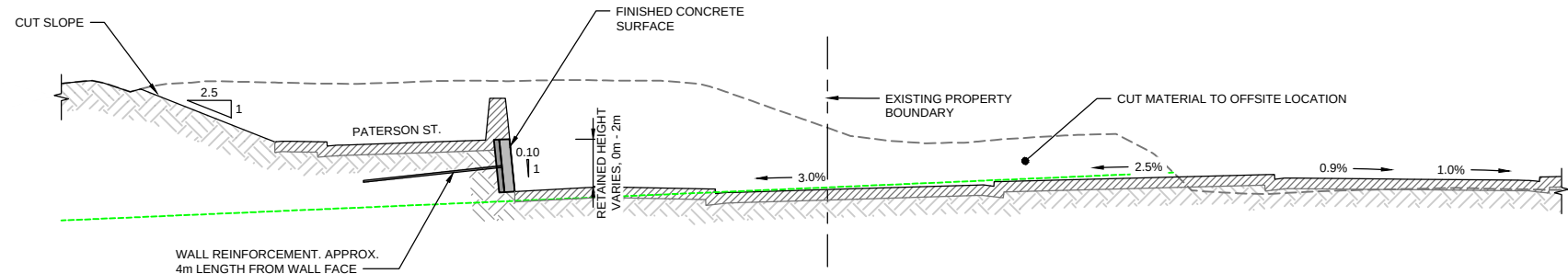
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



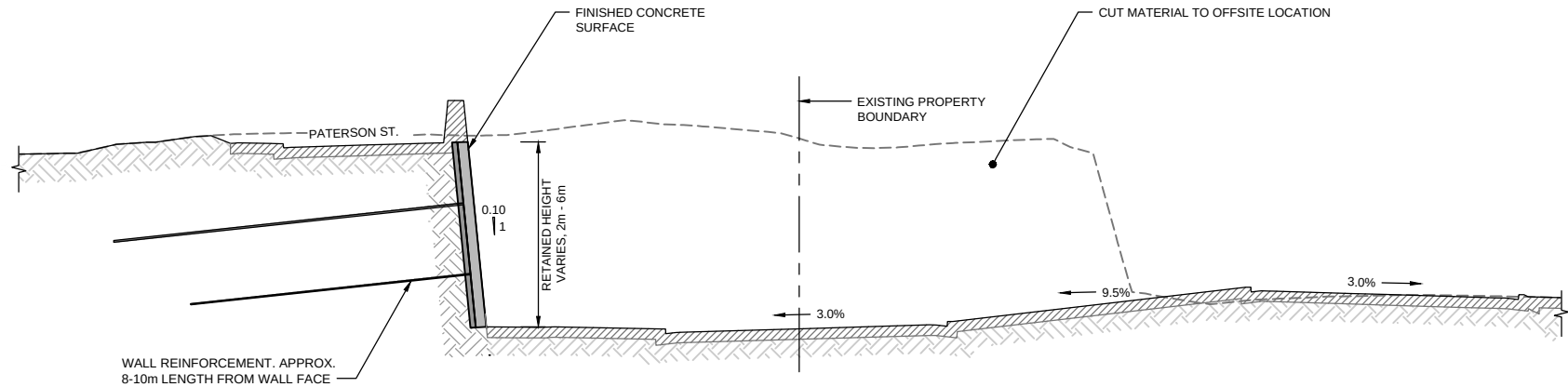
SCALES			ORIGINAL SIZE
AS SHOWN			A1
DRAWN	DESIGNED	APPROVED	
H. TIONGCO	A. WANG	E. SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09	
CONSENT DESIGN			

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE MT VICTORIA TUNNEL MV-RW-304 - PLAN AND CROSS SECTION			
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94210	REVISION A

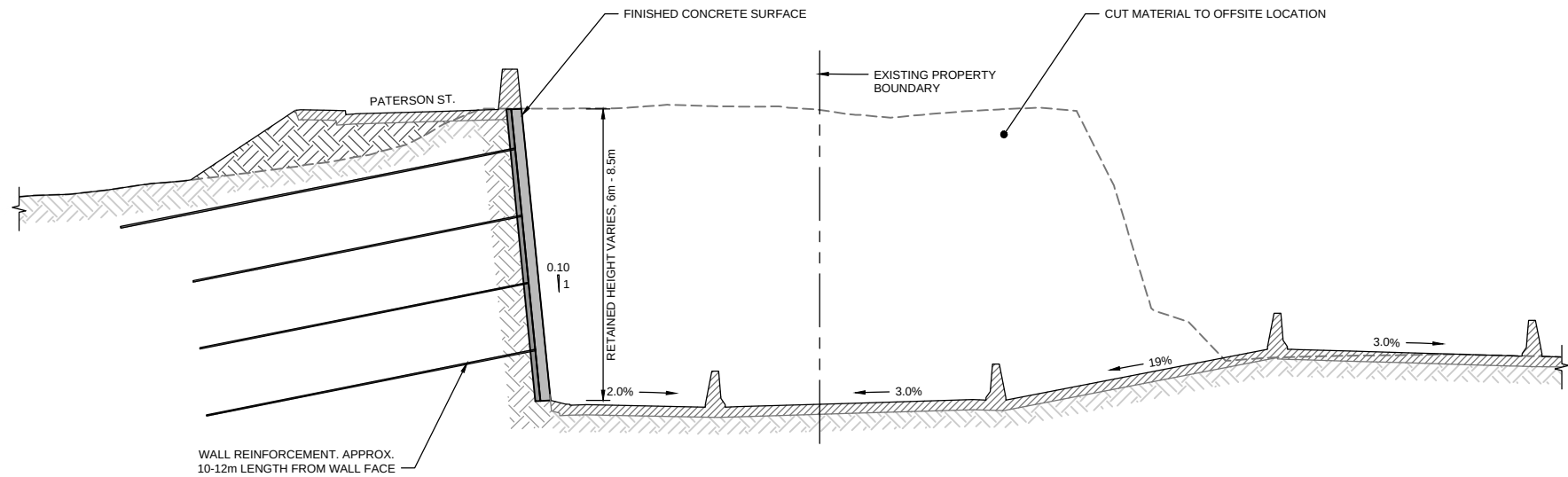
300 mm
200
100
50
0 10 mm



2 MV-RW-100 <2m HEIGHT WALL - CROSS SECTION
94140 SCALE: 1:100



3 MV-RW-100 >2m HEIGHT & MV-RW-105 - CROSS SECTION
94140 SCALE: 1:100



4 MV-RW-106 - CROSS SECTION
94140 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

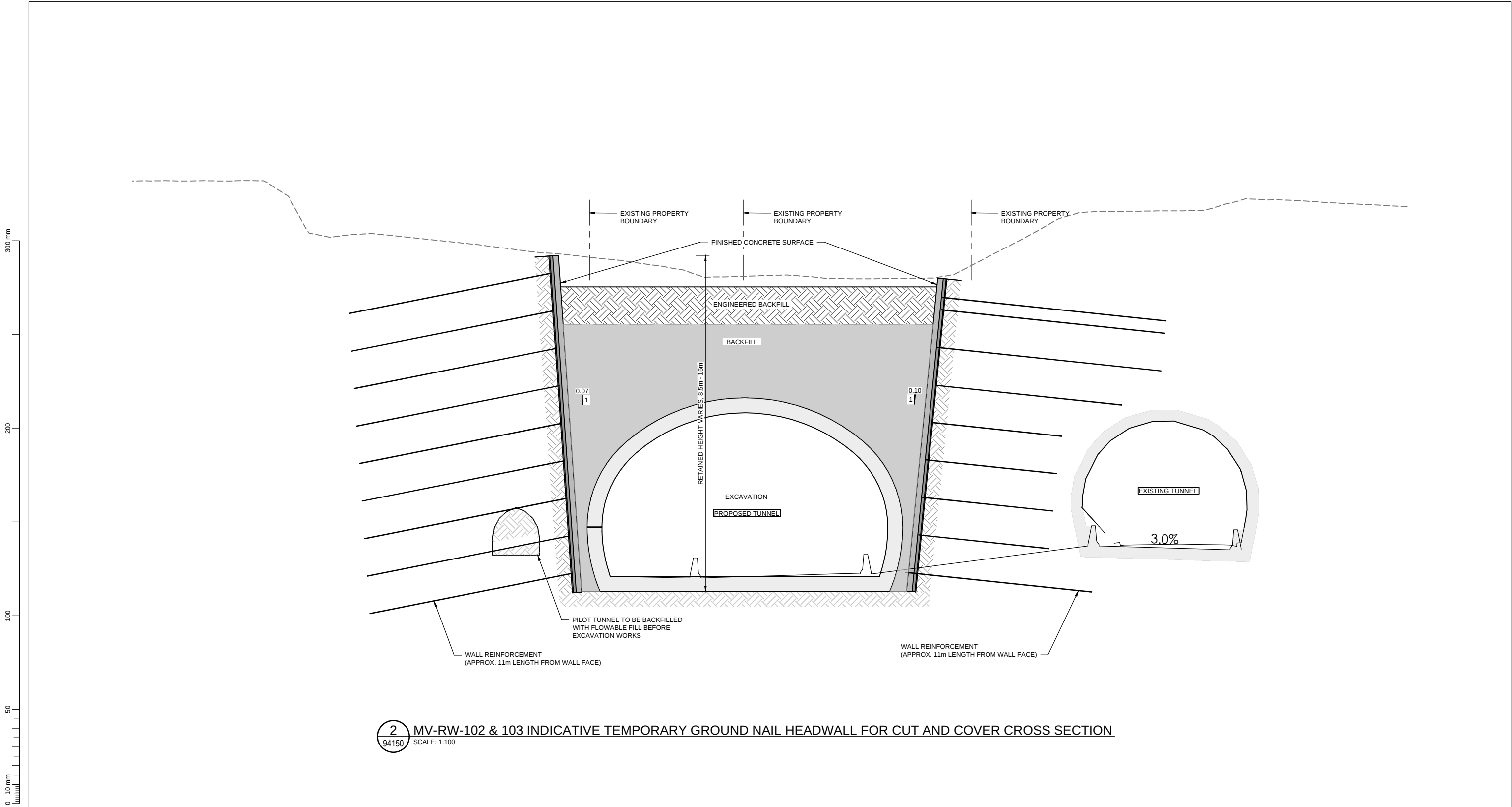
1:100 @ A1
1:200 @ A3
0 2000 4000 6000 8000 10000 mm

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



SCALES		ORIGINAL SIZE
1:100 (A1)		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09
CONSENT DESIGN		

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
MT VICTORIA TUNNEL			
MV-RW-100, 105 & 106 - CROSS SECTIONS			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94145	A



2 MV-RW-102 & 103 INDICATIVE TEMPORARY GROUND NAIL HEADWALL FOR CUT AND COVER CROSS SECTION
94150 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

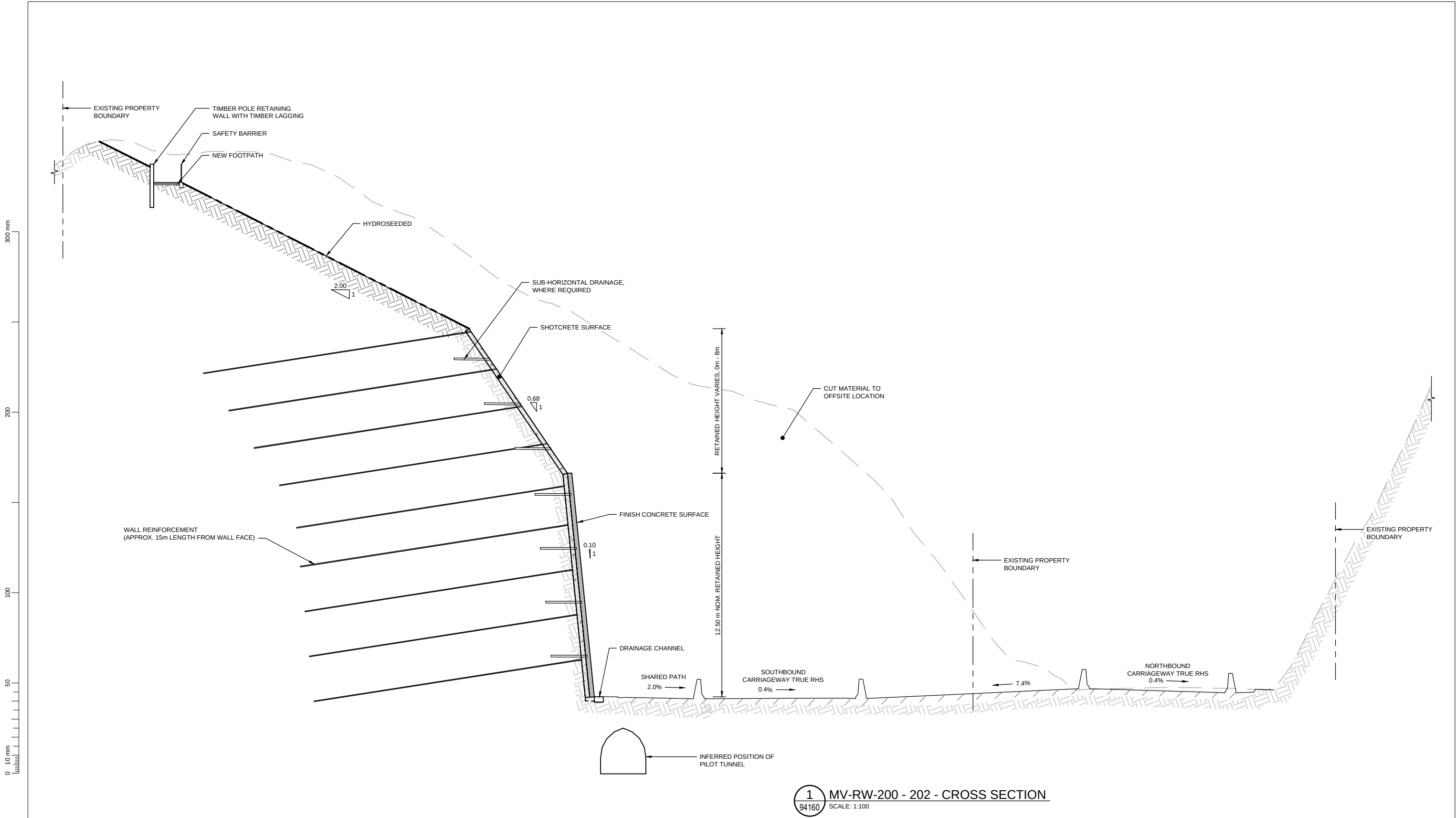
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1:200 @ A3
0 2000 4000 6000 8000 10000 mm

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



SCALES		ORIGINAL SIZE
1:100 (A1)		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09
CONSENT DESIGN		

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
MT VICTORIA TUNNEL			
MV-RW-102, 103 & 107 - CROSS SECTION			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94155	A



1 MV-RW-200 - 202 - CROSS SECTION
94160 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

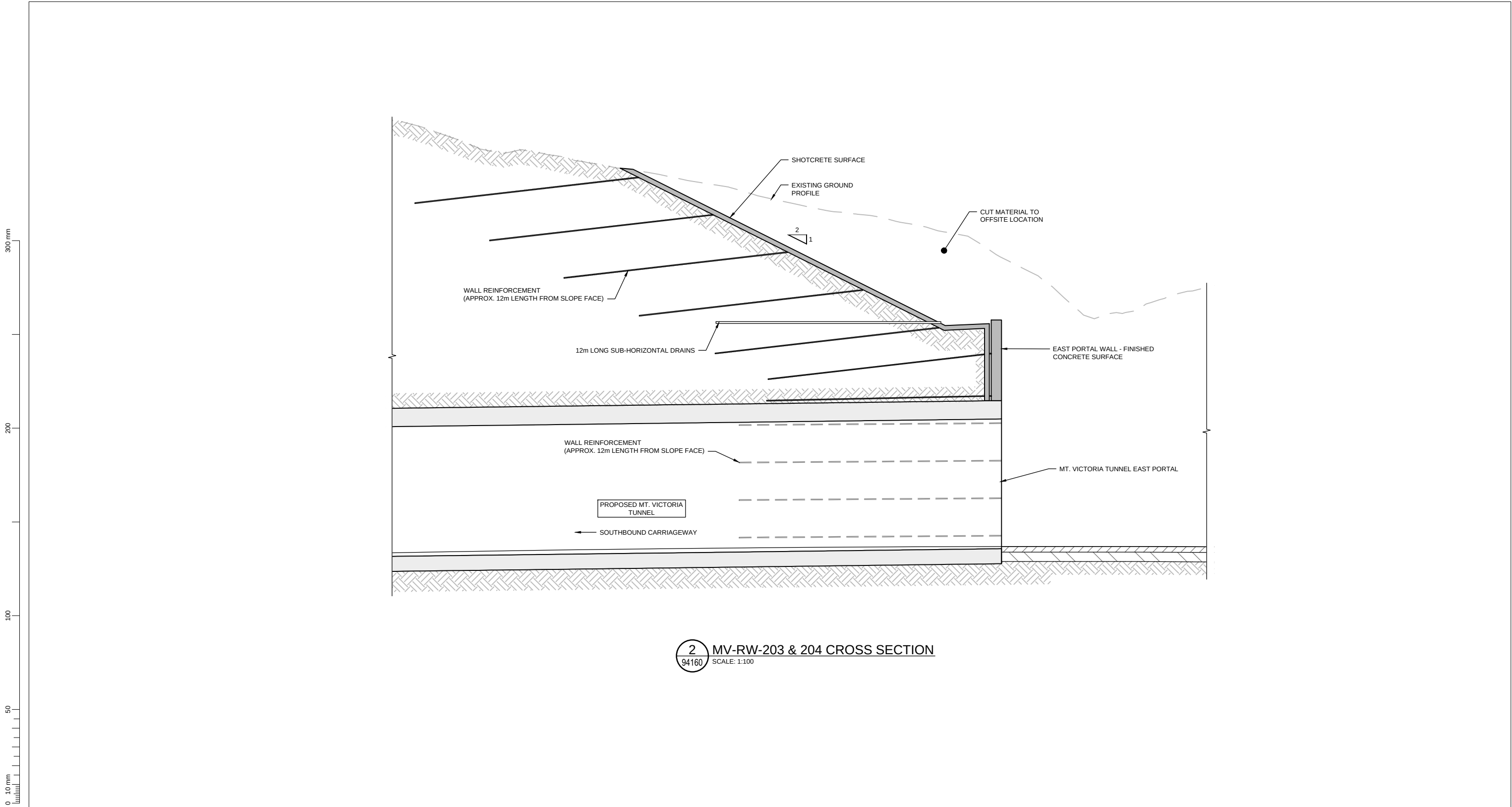
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1:200 @ A3
0 1 2 3 4 5 6 7 8 9 10 m

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



SCALES		ORIGINAL SIZE
1:100 (A1)		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09
CONSENT DESIGN		

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
MT VICTORIA TUNNEL			
MV-RW-200 & 202 - CROSS SECTION			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94165	A



2 MV-RW-203 & 204 CROSS SECTION
94160 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

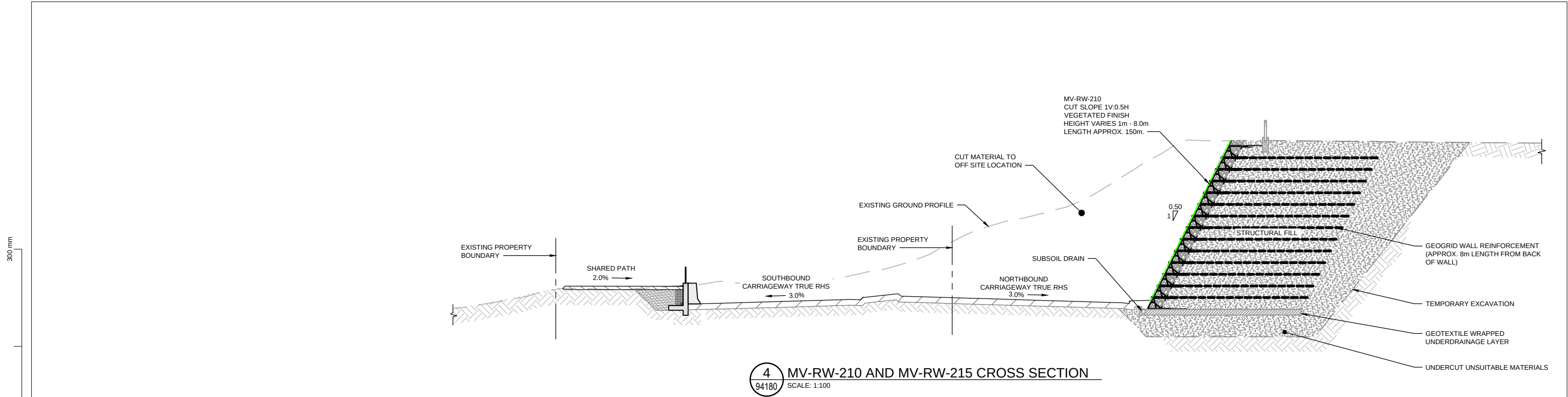
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1:200@ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09

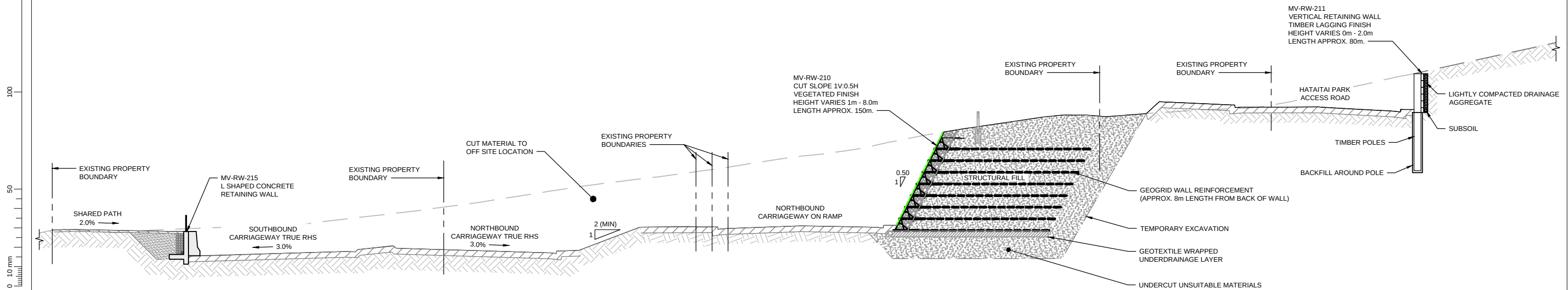


SCALES			ORIGINAL SIZE
1:100 (A1)			A1
DRAWN	DESIGNED	APPROVED	
H. TIONGCO	A. WANG	E. SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09	
CONSENT DESIGN			

PROJECT			
NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
MT VICTORIA TUNNEL MV-RW-203 & 204 - CROSS SECTION			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-MV-GEO-DRG	94166	A



4 MV-RW-210 AND MV-RW-215 CROSS SECTION
94180 SCALE: 1:100



5 MV-RW-210, 211 AND 215 CROSS SECTION
94180 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

1:100 @ A1
1:200 @ A3
0 1 2 3 4 5 6 7 8 9 10 m

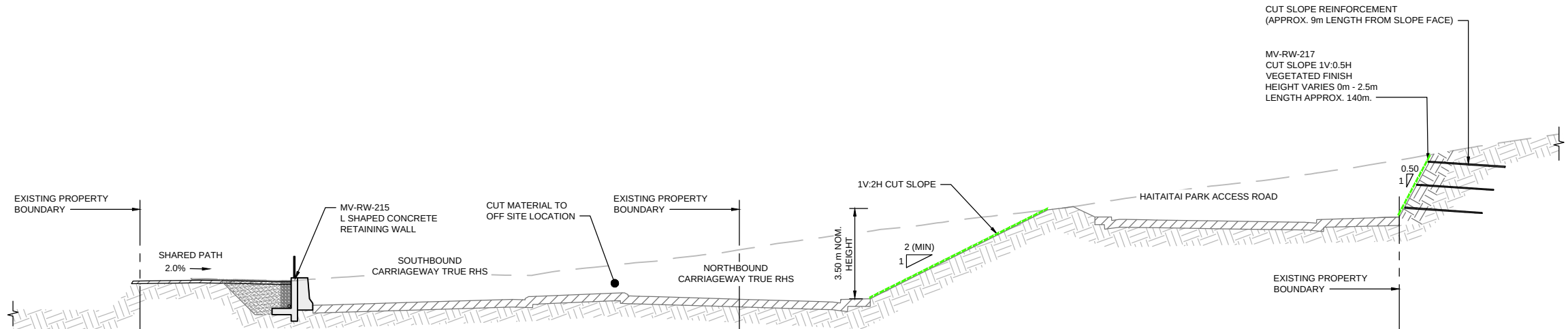
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



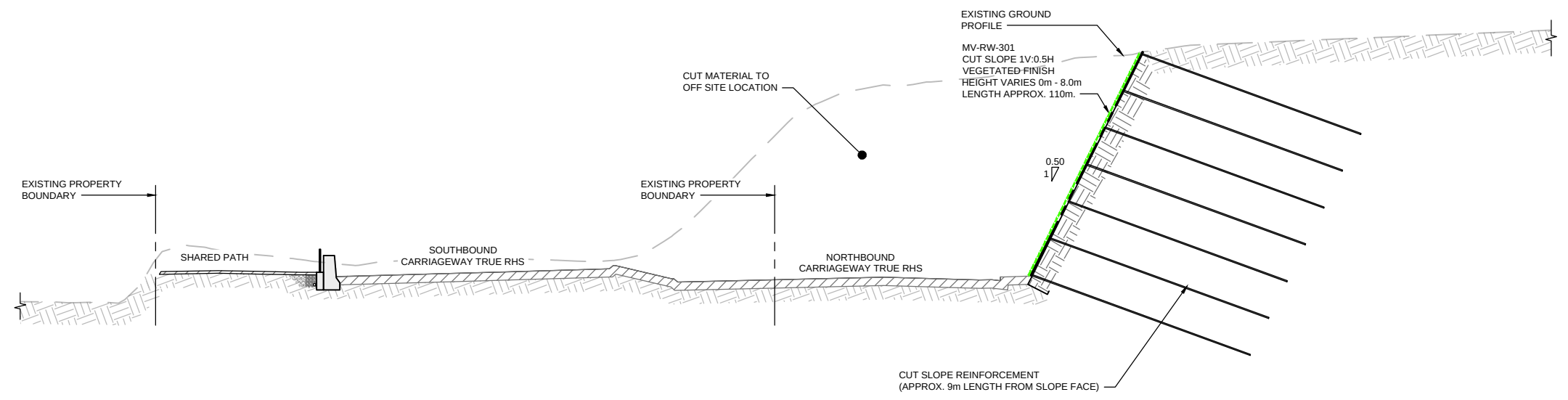
SCALES		ORIGINAL SIZE
AS SHOWN		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09
GEOTECHNICAL		
CONSENT DESIGN		

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE MT VICTORIA TUNNEL MV-RW-210, 211 & 215 - CROSS SECTION			
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94185	REVISION A

300 mm
200
100
50
0 10 mm



6 MV-RW-215 & 217 CROSS SECTION
94190 SCALE: 1:100



7 MV-RW-301 CROSS SECTION
94190 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

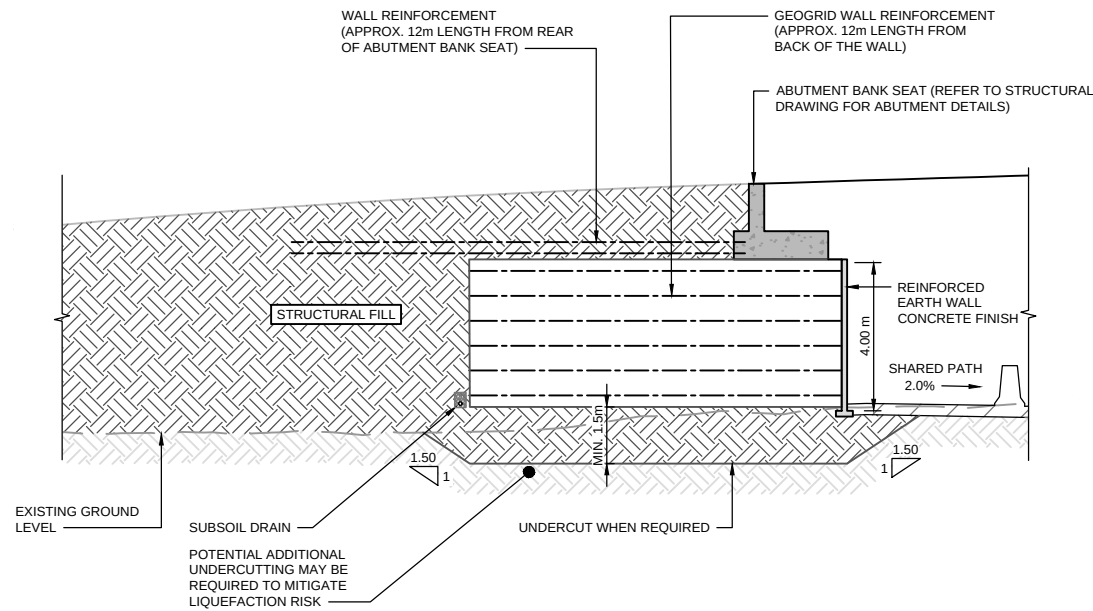
1:100 @ A1
1:200 @ A3
0 2000 4000 6000 8000 10000 mm

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09

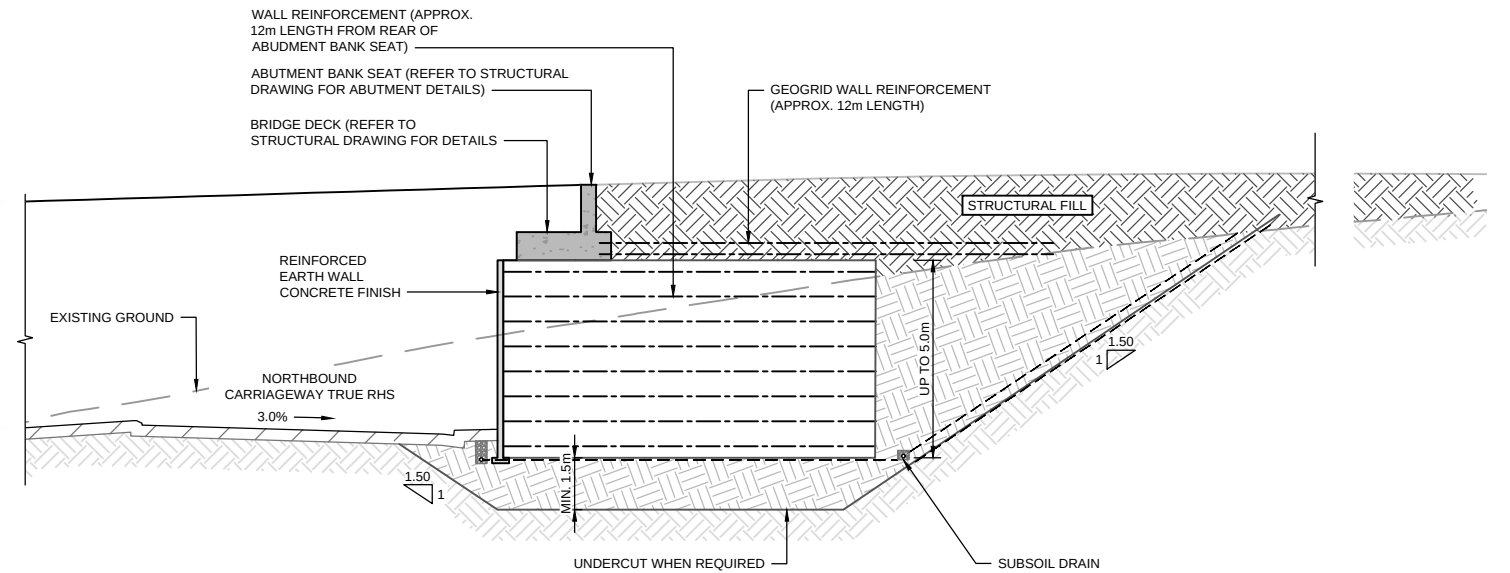


SCALES		ORIGINAL SIZE
AS SHOWN		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09
CONSENT DESIGN		

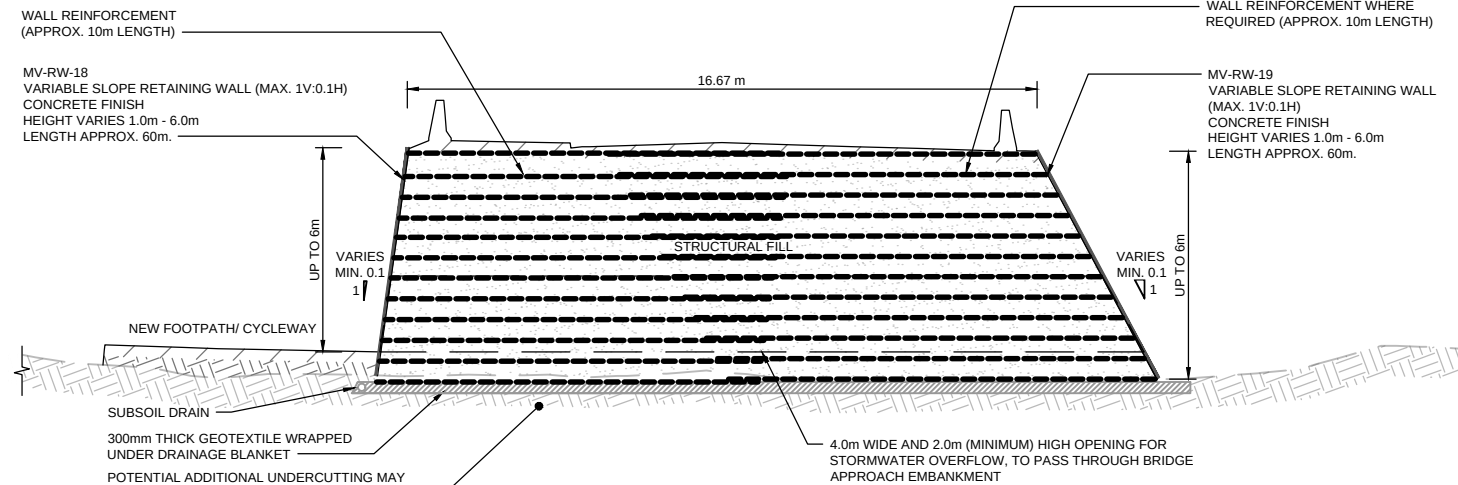
PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE MT VICTORIA TUNNEL MV-RW-215 217 & 301 - CROSS SECTION			
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94195	REVISION A



1 HATAITAI CONNECTION BRIDGE EAST ABUTMENT SECTION
94220 SCALE: 1:100



2 HATAITAI CONNECTION BRIDGE WEST ABUTMENT SECTION
94220 SCALE: 1:100



3 MSE BRIDGE APPROACH SECTION
94220 SCALE: 1:100

NOTE:
THE GEOTECHNICAL INFORMATION PROVIDED ON THESE DRAWINGS FOR RETAINING WALLS, CUT SLOPES, GROUND IMPROVEMENT, AND FILL STRUCTURES IS INDICATIVE ONLY AND ALTERNATIVE SOLUTIONS COULD BE CONSIDERED. THIS INCLUDES WALL TYPE, CUT SLOPE ANGLE, FINISHED SURFACE, ANCHOR DEPTH AND TYPE, AND GROUND IMPROVEMENT METHODOLOGY

1:100 @ A1
1:200 @ A3
0 2000 4000 6000 8000 10000 mm

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	ES	2026-07-09



GEOTECHNICAL

SCALES		ORIGINAL SIZE
1:100 (A1)		A1
DRAWN	DESIGNED	APPROVED
H. TIONGCO	A. WANG	E. SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
Q. O'SHAUGHNESSY	R. RAMILO	2026-07-09

CONSENT DESIGN

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE MT VICTORIA TUNNEL MV-RW-18, 19, 20 & 21 - CROSS SECTION		
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-MV-GEO-DRG	SHEET NO. 94225
		REVISION A