

NOTES:  
1. WALL EXTENTS AND FORM ARE INDICATIVE AND ARE SUBJECT TO DETAILED DESIGN.

Original Scale (A3)

Revision	Amendment	NRN	Approved	Date
1	AEE LODGEMENT			15.03.12



**Project:** MACKAYS TO PEKA PEKA EXPRESSWAY

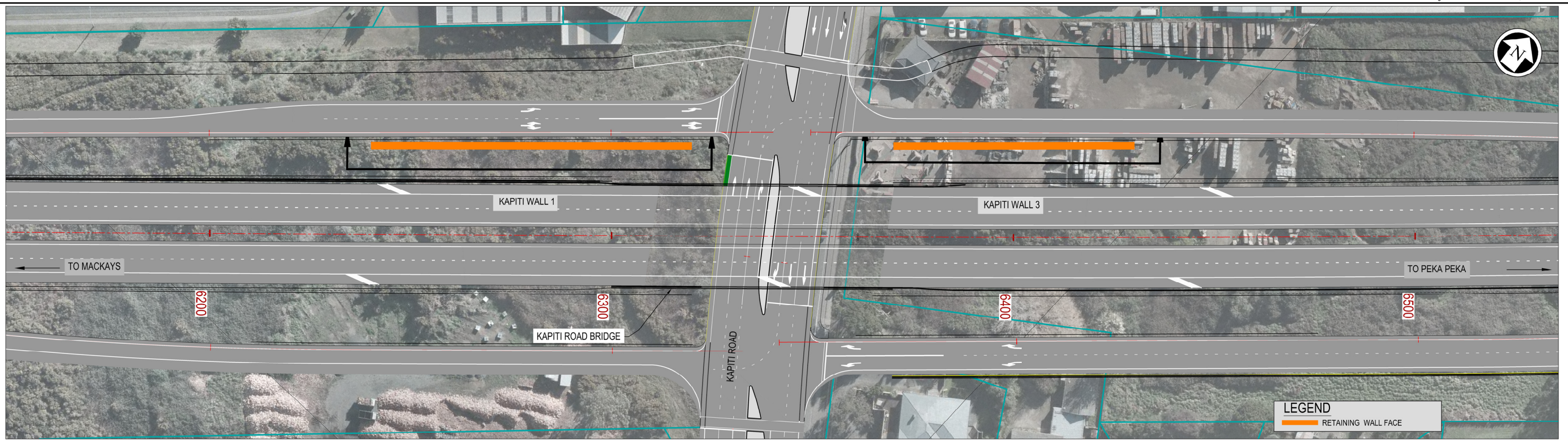
**Title:** PROPOSED EXPRESSWAY WALLS ELEVATIONS AND PLANS SHEET INDEX

**Status:** FOR CONSENTING

**Document ID:** M2PP-SAR-DWG

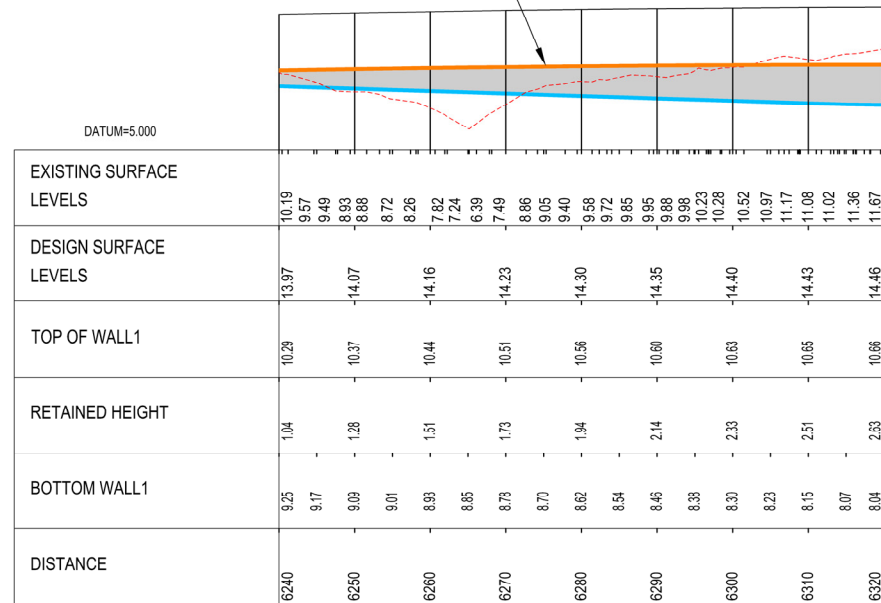
**Drawing No:** ST-GE-100

**Rev:** 1



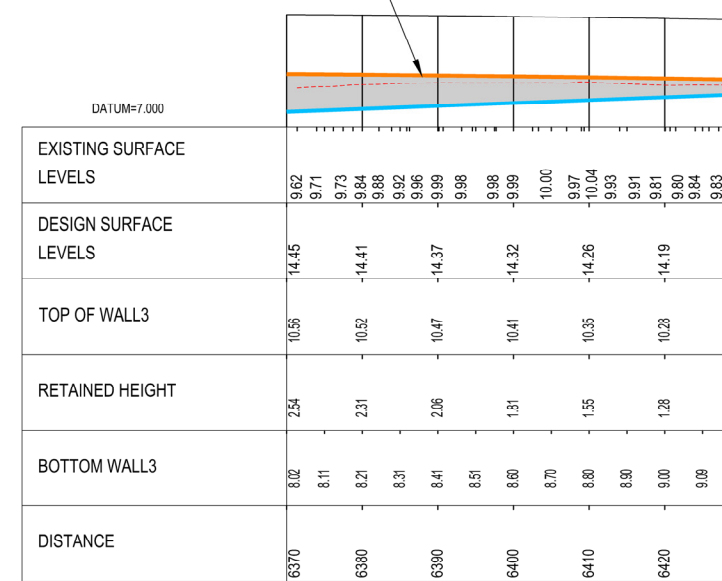
PLAN VIEW KAPITI WALLS 1 AND 3  
SCALE 1:1000

MSE WALL REFER TO TYPICAL  
DETAIL ON SHEET ST-GE-140



LONGITUDINAL SECTION ON WALL 1  
SCALE HORIZ=1:1000 VERT=1:500

MSE WALL REFER TO TYPICAL  
DETAIL ON SHEET ST-GE-140



LONGITUDINAL SECTION ON WALL 3  
SCALE HORIZ=1:1000 VERT=1:500

**LEGEND**

- TOP OF WALL
- CL OF MAINLINE
- BOTTOM OF WALL
- - - EXISTING GROUND

NOTES:

Original Scale (A3)			
1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

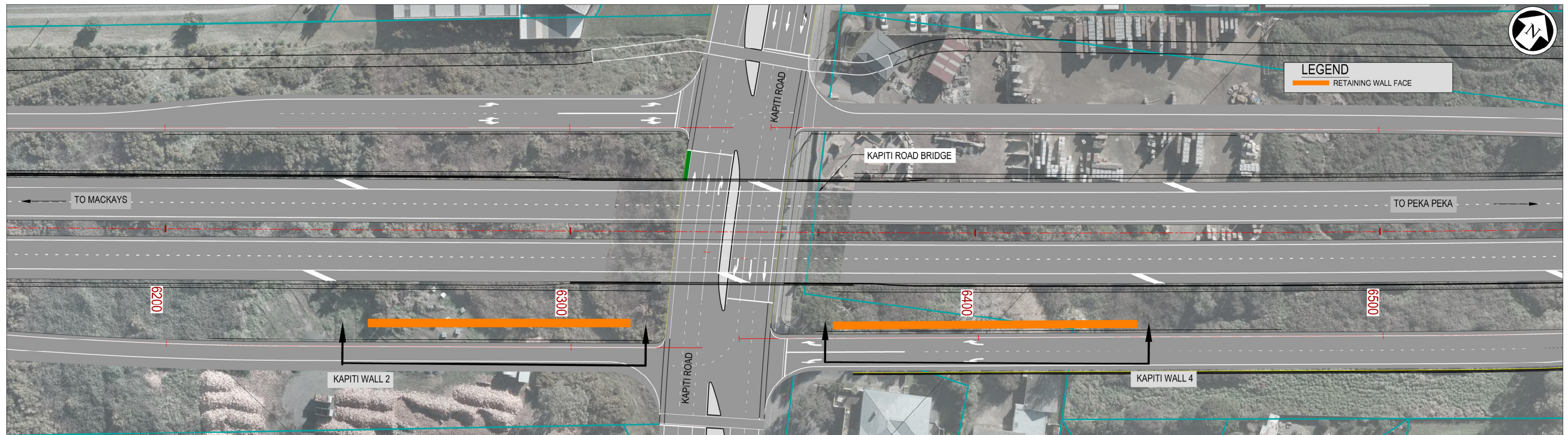
Title: **KAPITI RD WALLS 1 AND 3 ELEVATIONS AND PLAN SHEET 1 of 2**

Status: FOR CONSENTING

Document ID: M2PP-SAR-DWG

Drawing No: **ST-GE-110**

Rev: 1



PLAN VIEW KAPITI WALLS 2 AND 4

SCALE 1:1000

MSE WALL REFER TO TYPICAL  
DETAIL ON SHEET ST-GE-140

DATUM=5.000	
EXISTING SURFACE LEVELS	8.36 8.29 8.31 8.29 8.21 8.16 8.13 8.09 7.99 7.93 7.94 8.04 8.08 8.13 8.20 8.33 8.42 8.32 8.33 8.35 8.34 8.33 8.36 8.66
DESIGN SURFACE LEVELS	14.07 14.16 14.23 14.30 14.35 14.40 14.43 14.45
TOP OF WALL2	9.20 9.30 9.40 9.47 9.54 9.59 9.63 9.65
RETAINED HEIGHT	1.12 1.44 1.75 1.99 2.13 2.18 2.13
BOTTOM WALL2	8.08 7.97 7.86 7.75 7.64 7.55 7.48 7.43 7.41 7.40 7.41 7.44 7.50 7.58
DISTANCE	6250 6260 6270 6280 6290 6300 6310 6315

LONGITUDINAL SECTION ON WALL 2

SCALE HORIZ=1:1000 VERT=1:500

MSE WALL REFER TO TYPICAL  
DETAIL ON SHEET ST-GE-140

DATUM=5.000	
EXISTING SURFACE LEVELS	8.35 7.85 7.78 7.79 7.72 7.54 7.70 7.48 7.36 7.14 6.89 6.93 7.12 7.00 6.94 7.17 7.92 8.37 6.01 6.34 6.45 6.31 6.29 6.24 6.89
DESIGN SURFACE LEVELS	14.46 14.45 14.41 14.37 14.32 14.26 14.19 14.11 14.01
TOP OF WALL4	10.32 10.32 10.32 10.51 10.50 10.49 10.48 10.46 10.43 10.41 10.38 10.35 10.31 10.27 10.23 10.18
RETAINED HEIGHT	2.29 2.23 2.16 2.09 2.02 1.94 1.86 1.77 1.69 1.60 1.50 1.40 1.30 1.20 1.09 0.98
BOTTOM WALL4	8.23 8.29 8.36 8.42 8.49 8.55 8.62 8.68 8.75 8.81 8.88 8.94 9.01 9.07 9.14 9.20
DISTANCE	6365 6370 6380 6390 6400 6410 6420 6430 6440

LONGITUDINAL SECTION ON WALL 4

SCALE HORIZ=1:1000 VERT=1:500

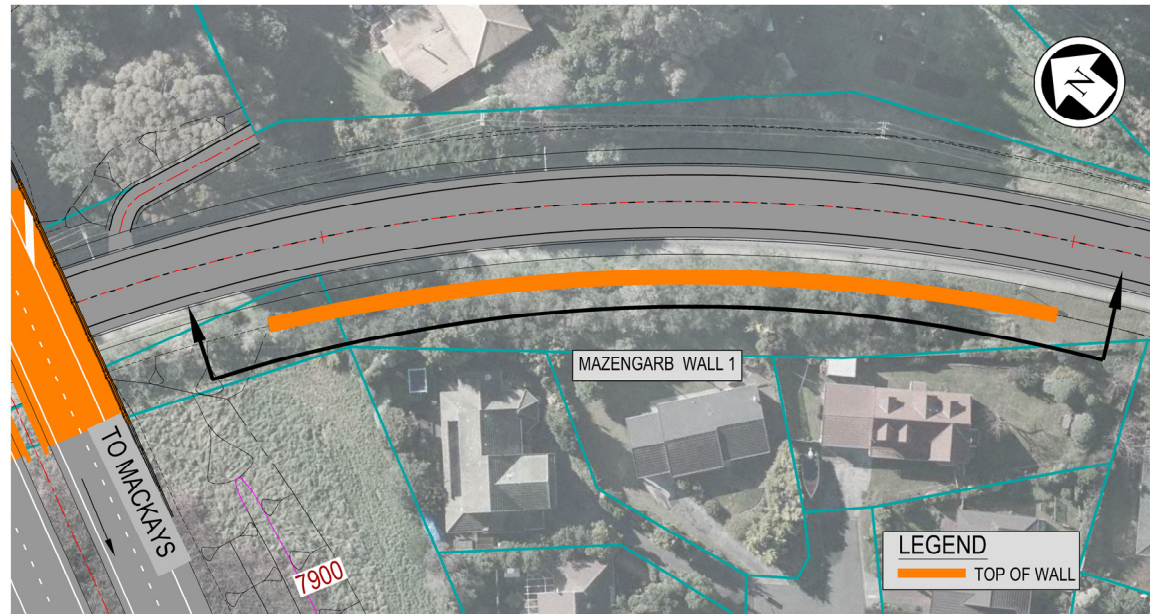
LEGEND	
	TOP OF WALL
	CL OF MAINLINE
	BOTTOM OF WALL
	EXISTING GROUND

NOTES:	Original Scale (A3)
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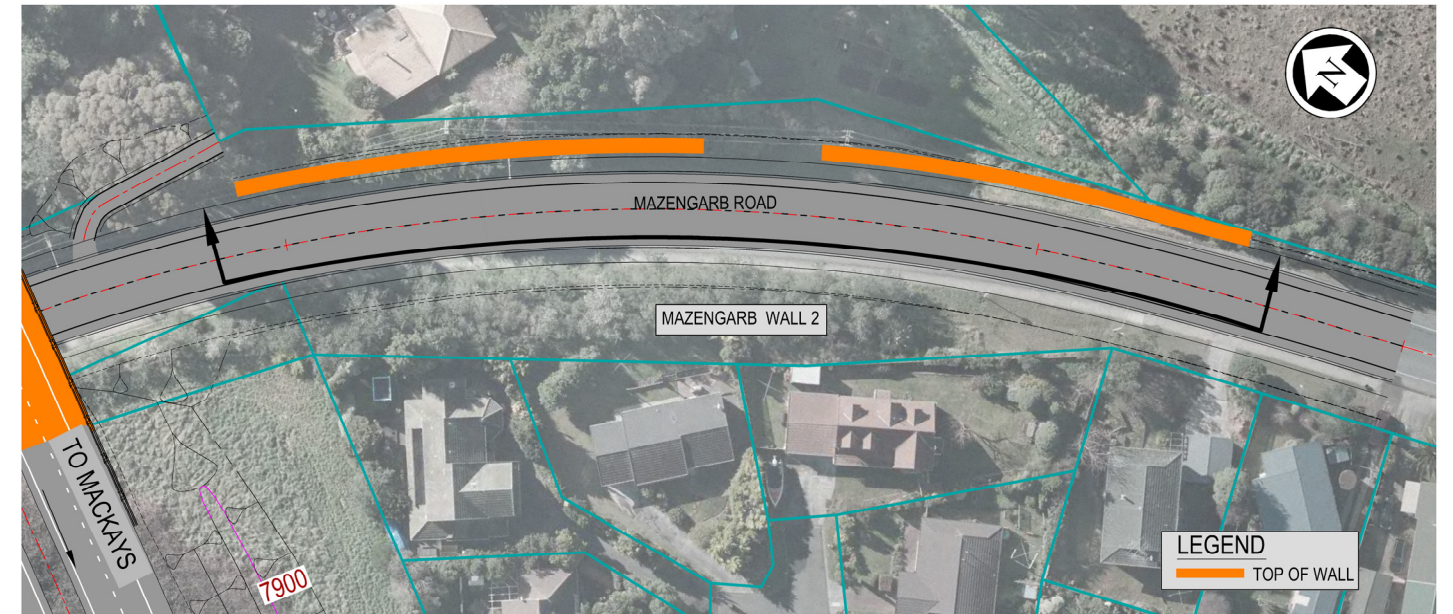
1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



Project:	MACKAYS TO PEKA PEKA EXPRESSWAY		
Title:	KAPITI RD WALLS 2 AND 4 ELEVATIONS AND PLAN SHEET 2 of 2		
Status:	FOR CONSENTING	Rev:	1
Document ID:	M2PP-AEE-DWG	Rev:	
Drawing No:	ST-GE-111	Rev:	

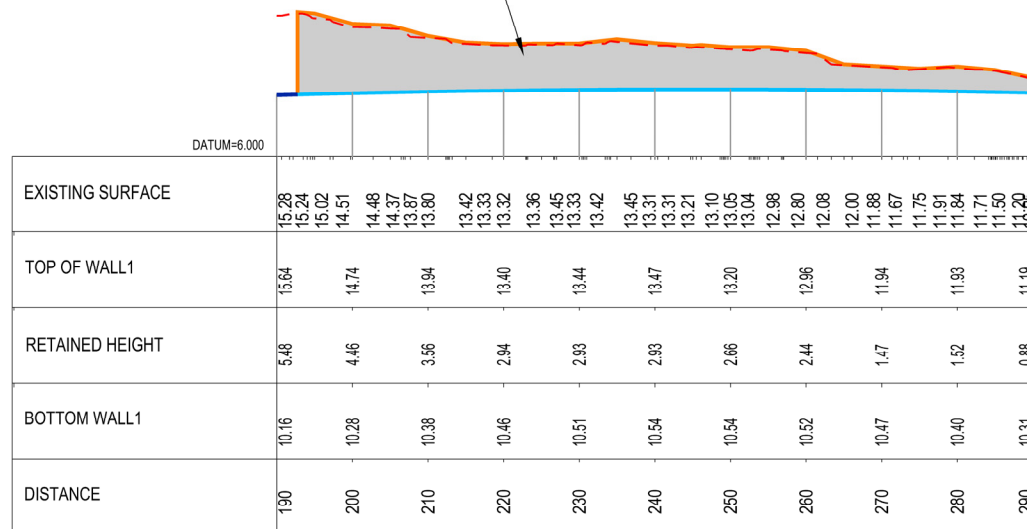


**PLAN VIEW MAZENGARB WALL 1**  
SCALE 1:1000



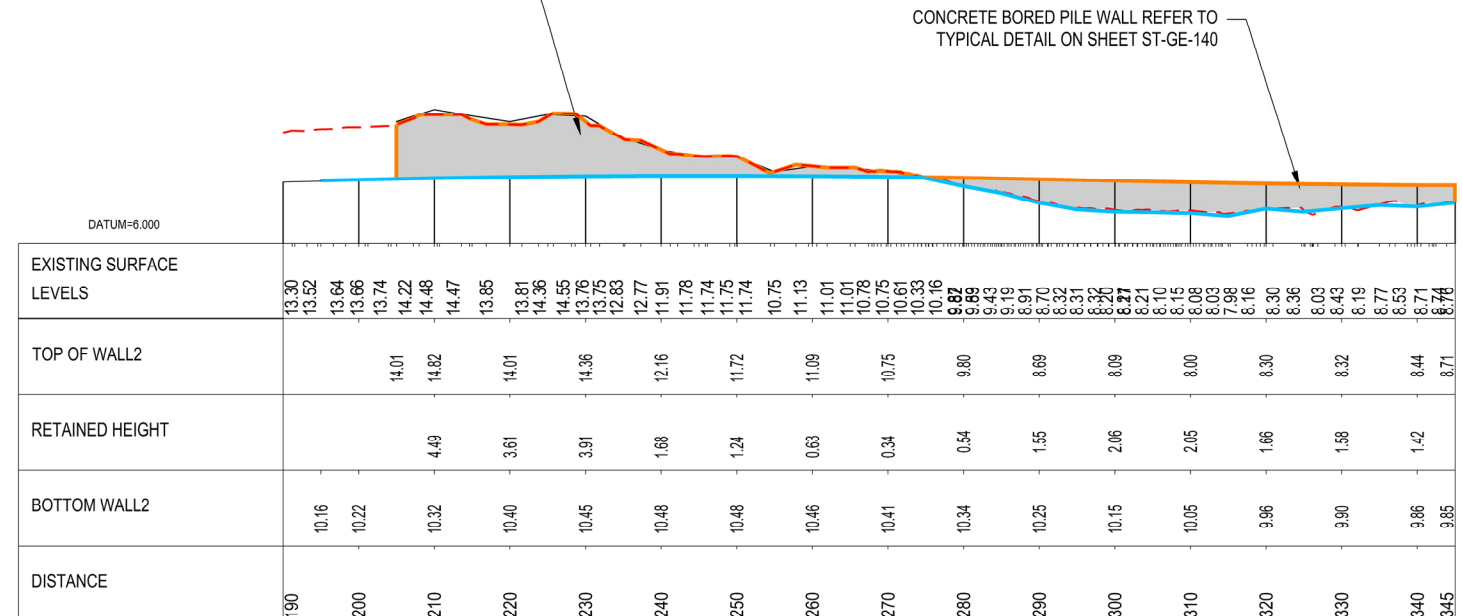
**PLAN VIEW MAZENGARB WALL 2**  
SCALE 1:1000

CONCRETE BORED PILE WALL REFER TO TYPICAL DETAIL ON SHEET ST-GE-140



**LONGITUDINAL SECTION MAZENGARB WALL 1**  
SCALE HORIZ=1:1000 VERT=1:500

CONCRETE BORED PILE WALL REFER TO TYPICAL DETAIL ON SHEET ST-GE-140



**LONGITUDINAL SECTION MAZENGARB WALL 2**  
SCALE HORIZ=1:1000 VERT=1:500

**LEGEND**

- TOP OF WALL
- C. OF MAINLINE
- BOTTOM OF WALL
- - - EXISTING GROUND

NOTES:

Original Scale (A3)	
As Shown	

1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



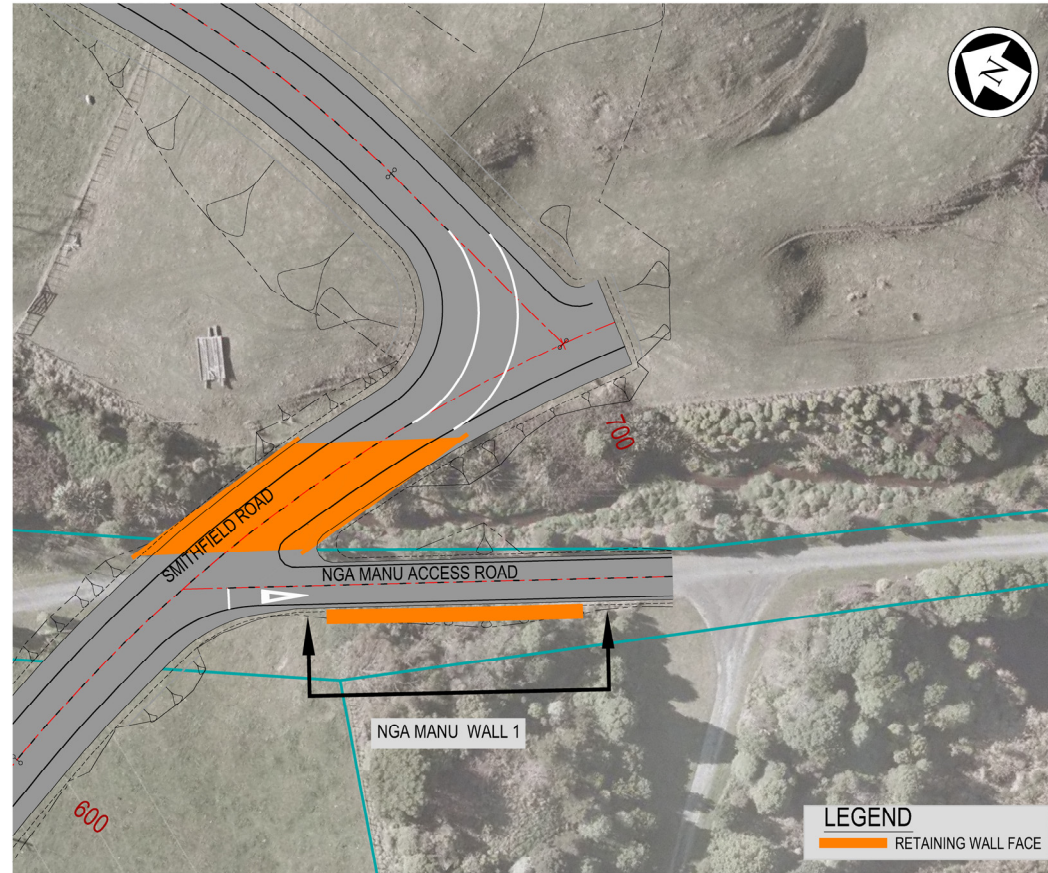
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Title: **MAZENGARB RD WALLS 1 AND 2 ELEVATIONS AND PLANS SHEET 1 of 1**

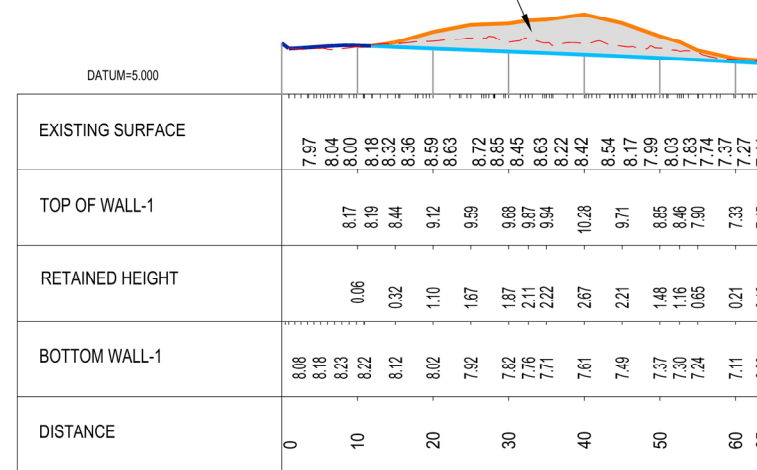
Status: FOR CONSENTING

Document ID: M2PP-AEE-DWG Rev. 1

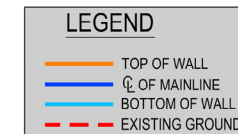
Drawing No: **ST-GE-120**



CONCRETE BORED PILE WALL REFER TO TYPICAL DETAIL ON SHEET ST-GE-140



LONGITUDINAL SECTION NGA MANU WALL 1  
SCALE HORIZ=1:1000 VERT=1:500



NOTES:

Original Scale (A3)  
As Shown

1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



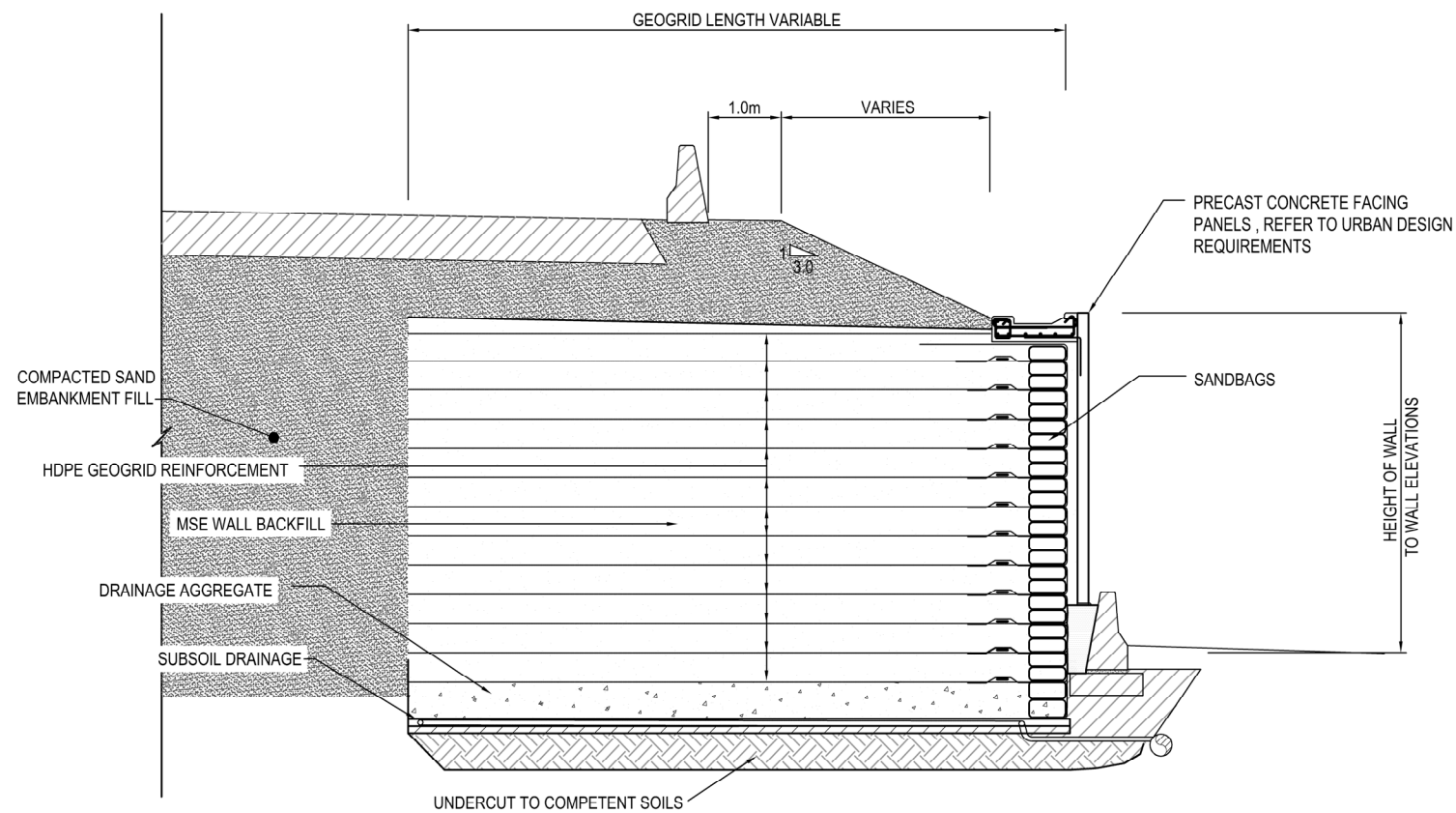
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Title: **NGA MANU ACCESS RD WALL 1 ELEVATION AND PLAN SHEET 1 of 1**

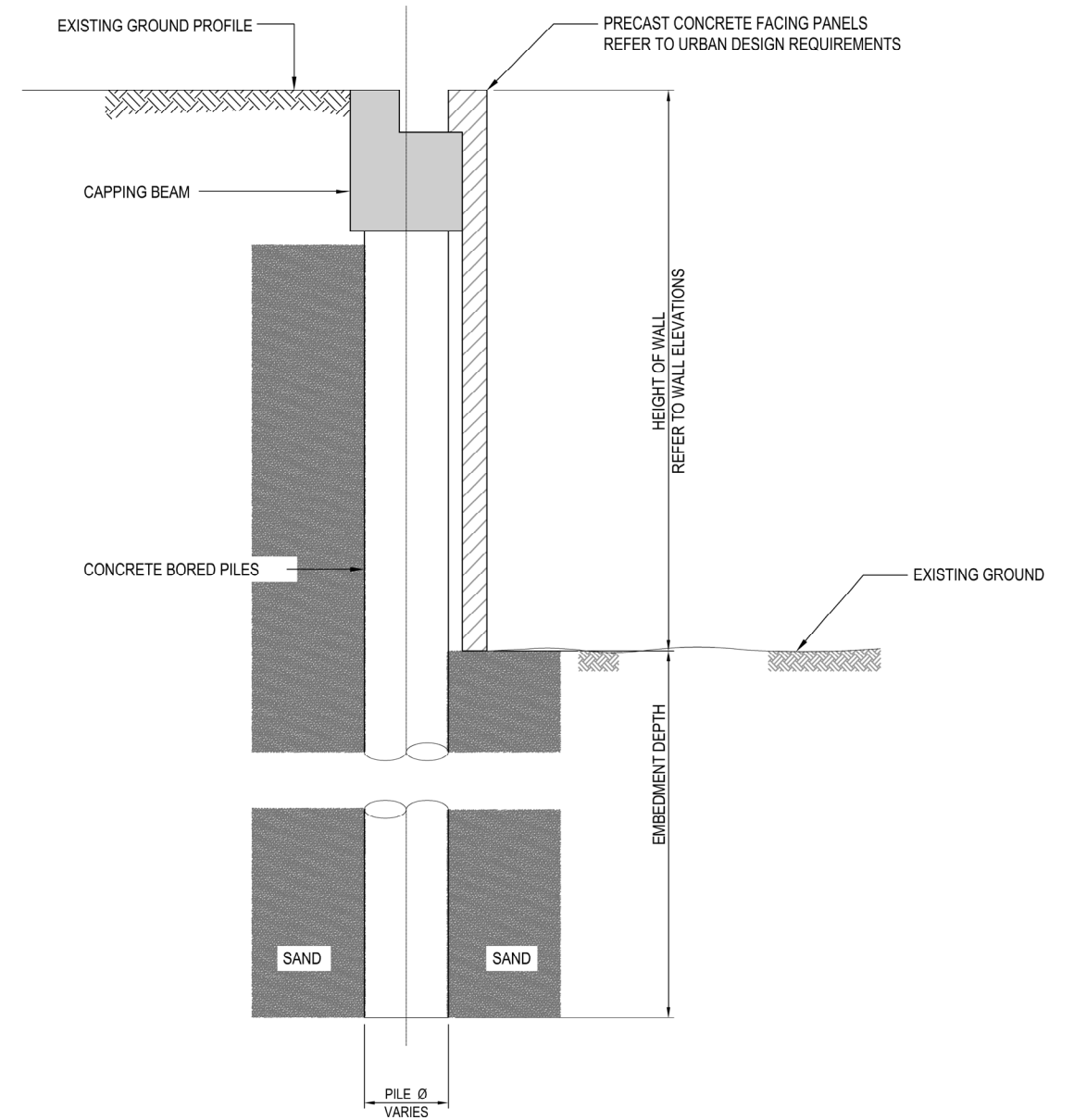
Status: FOR CONSENTING

Document ID: M2PP-AEE-DWG Rev. 1

Drawing No: **ST-GE-130**



**TYPICAL SECTION - MECHANICALLY STABILISED EARTH (MSE) WALL**  
1:100



**TYPICAL SECTION - BORED PILE RETAINING WALL**  
1:500

NOTES:  
DETAILS INDICATIVE ONLY.

Original Scale (A3)

1	AEE LODGEMENT	NRN	15.03.12
Revision:	Amendment	Approved:	Date:



Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>	
Title: <b>RETAINING WALL TYPICAL DETAILS</b>	
Status: FOR CONSENTING	Rev. 1
Document ID: M2PP-AEE-DWG	Drawing No: <b>ST-GE-140</b>