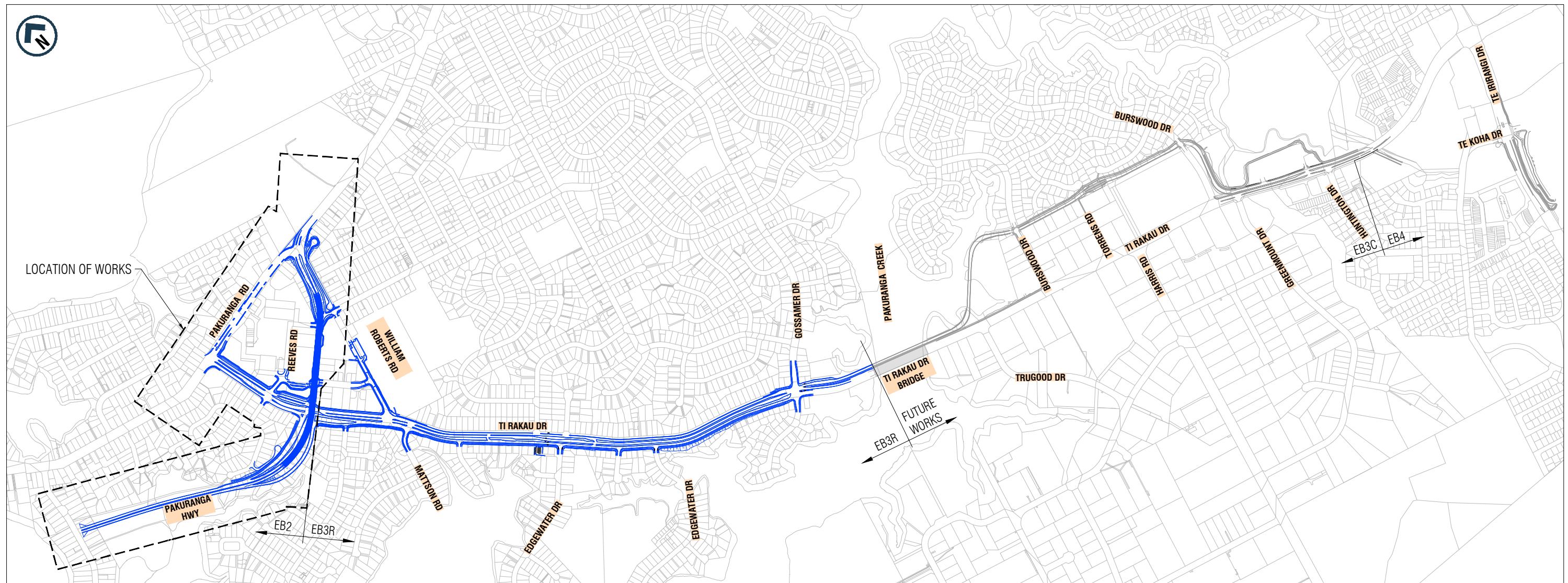


EASTERN BUSWAY

EASTERN BUSWAY 2 - PAKURANGA TOWN CENTRE FOR LODGEMENT



LOCALITY PLAN

FOR LODGEMENT

Plot By: SERGEY.SOKOLOV (6/27/2022 11:33:28 am)

Filename: EB-2-R-2-PL-DG-10001.DWG

ORIGINAL SIZE
A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	

Scale Bar

KEY PLAN



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)



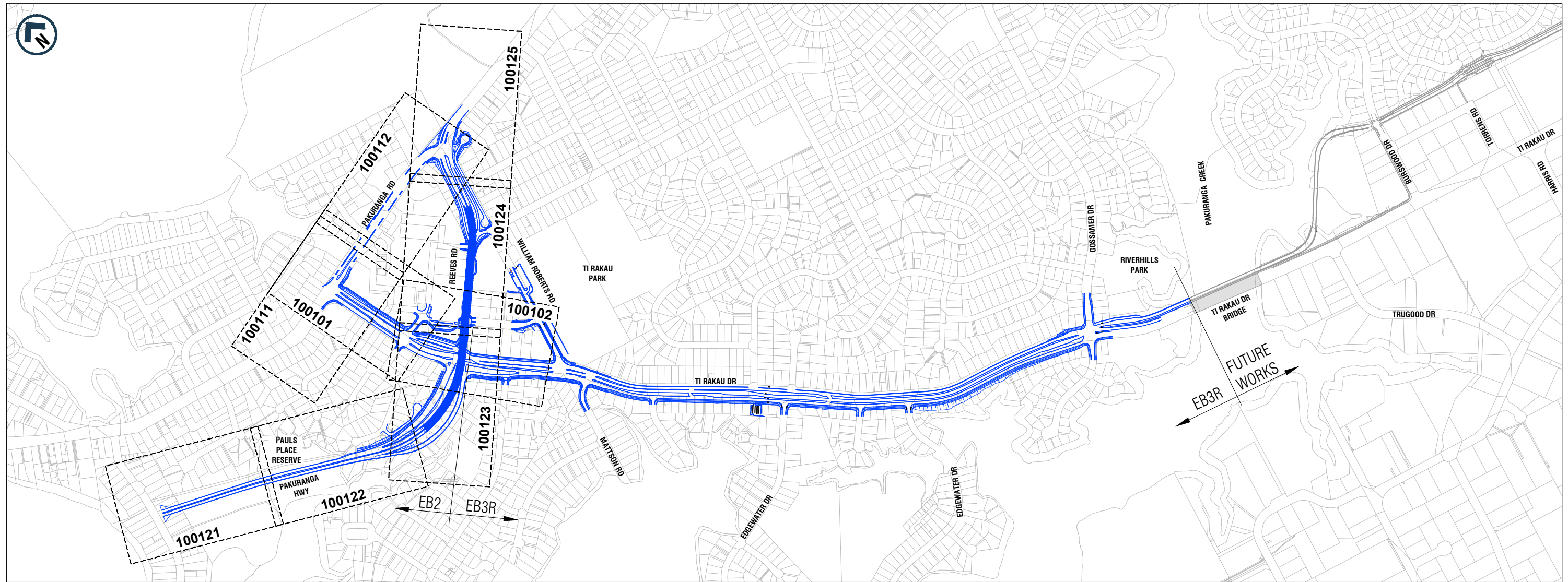
Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	N.T.S.
A3 SCALE	N.T.S.

Design Package		GENERAL ARRANGEMENT COVER SHEET AND LOCALITY PLAN
Drawing Title		
Drawing Number	EB-2-R-2-PL-DG-10001	
Revision	A	

ORIGINAL IN COLOUR

EASTERN BUSWAY

EASTERN BUSWAY 2 - PAKURANGA TOWN CENTRE FOR LODGEMENT



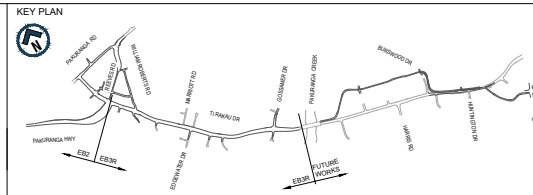
LOCALITY PLAN

FOR LODGEMENT

ORIGINAL SIZE A1
 Filename: EB-2-R-2-PL-DG-100002.DWG
 Plot By: SERGEY.SOKOLOV (0/27/2022 11:46:57 am)

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	N.T.S.
A3 SCALE	N.T.S.

Design Package		GENERAL ARRANGEMENT	
Drawing Title		KEY PLAN	
Drawing Number	EB-2-R-2-PL-DG-100002	Revision	A

ORIGINAL IN COLOUR

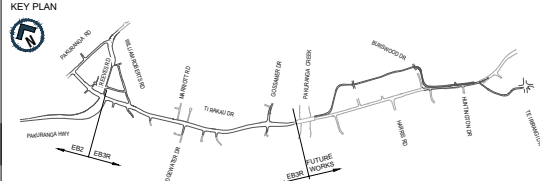

FOR LODGEMENT DRAWING INDEX

DRAWING NO.	DRAWING TITLE
EB-2-R-2-PL-DG-100001	COVER SHEET AND LOCALITY PLAN
EB-2-R-2-PL-DG-100002	KEY PLAN
EB-2-R-2-PL-DG-100003	DRAWING INDEX
EB-2-R-2-PL-DG-100004	GENERAL LEGEND
CONSENT PLANS	
EB-2-R-2-PL-DG-100101	TI RAKAU DRIVE - CONSENT PLAN - SHEET 1 OF 9
EB-2-R-2-PL-DG-100102	TI RAKAU DRIVE - CONSENT PLAN - SHEET 2 OF 9
EB-2-R-2-PL-DG-100111	PAKURANGA ROAD - CONSENT PLAN - SHEET 3 OF 9
EB-2-R-2-PL-DG-100112	PAKURANGA ROAD - CONSENT PLAN - SHEET 4 OF 9
EB-2-R-2-PL-DG-100121	PAKURANGA HIGHWAY / REEVES ROAD - CONSENT PLAN - SHEET 5 OF 9
EB-2-R-2-PL-DG-100122	PAKURANGA HIGHWAY / REEVES ROAD - CONSENT PLAN - SHEET 6 OF 9
EB-2-R-2-PL-DG-100123	PAKURANGA HIGHWAY / REEVES ROAD - CONSENT PLAN - SHEET 7 OF 9
EB-2-R-2-PL-DG-100124	PAKURANGA HIGHWAY / REEVES ROAD - CONSENT PLAN - SHEET 8 OF 9
EB-2-R-2-PL-DG-100125	PAKURANGA HIGHWAY / REEVES ROAD - CONSENT PLAN - SHEET 9 OF 9

Filename: EB-2-R-2-PL-DG-100003.DWG Plot By: SERGEY.SOKOLOV (6/27/2022 1:53:36 pm)


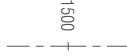
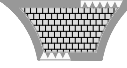












ORIGINAL SIZE
A1

FOR LODGEMENT






This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing.				Scale Bar		KEY PLAN 		AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE EASTERN BUSWAY ALLIANCE (PAKURANGA TO BOTANY)				Drawing Status NZGD 2000 MOUNT EDEN CIRCUIT		Design Package GENERAL ARRANGEMENT	
Designed - Checked - Drawn S. Sokolov Checked M. Dalvi Approved S. Jones Date 31/05/2022 Approver Signature						 Eastern Busway		Vertical Datum 2016 NEW ZEALAND		Drawing Title DRAWING INDEX		Drawing Number EB-2-R-2-PL-DG-100003		Revision A	
REV	DATE	DRAWN	REVISION DESCRIPTION												
A	31/05/2022	S. Sokolov	FOR LODGEMENT												

ORIGINAL IN COLOUR



ROAD GEOMETRY

-  PARCEL BOUNDARY
-  CONTROL LINE
-  RAISED CROSSING AND SPEED TABLE
-  RAISED MEDIAN
-  BERM
-  CYCLEWAY / FOOTPATH
-  CONCRETE SURFACING
-  FLYOVER
-  RAINGARDEN
-  RETAINING WALL
-  NOISE WALL
-  BATTER
-  PRAM CROSSING: REFER TO TDM DRAWING No. FP0006
-  VEHICLE CROSSING AMENDMENTS
-  CMA BOUNDARY

SIGNS & LINE MARKINGS

-  SINGLE POST MOUNTED SIGN (FRANGIBLE SUPPORTS)
-  MULTI POST MOUNTED SIGN (FRANGIBLE SUPPORTS)
-  MONO POLE MOUNTED SIGN (FRANGIBLE SUPPORTS)
-  EXISTING SIGNAGE TO BE REMOVED
-  SPEED PAVEMENT MARKING

SIGNIFICANT ECOLOGICAL AREAS OVERLAY

-  MARINE 1 (rcp)
-  MARINE 2 (rcp)

Filename: EB-2-R-2-PL-DG-100004.DWG Plot By: SERGEY.SOKOLOV (7/6/2022 1:13:04 pm)

ORIGINAL SIZE A1

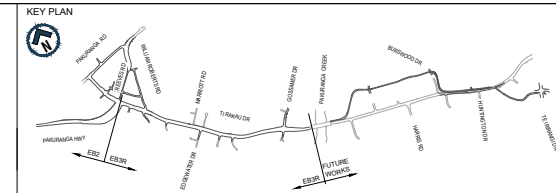
ORIGINAL IN COLOUR

FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		

Scale Bar



**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)**



Eastern Busway

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	N.T.S
A3 SCALE	N.T.S

Design Package	
GENERAL ARRANGEMENT	
Drawing Title	
GENERAL LEGEND	
Drawing Number	EB-2-R-2-PL-DG-100004
Revision	A



REFER TO DRAWING NO. EB-2-R-0-PL-DG-100112



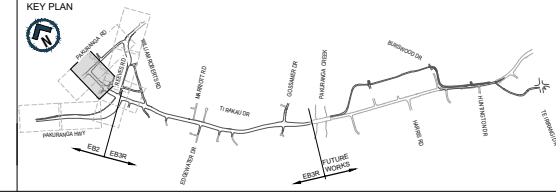
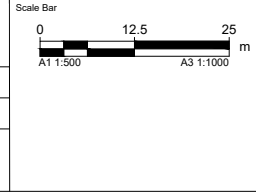
Filename: EB-2-R-2-PL-DG-1001-100125.DWG Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	Horizontal Datum
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT	
GENERAL ARRANGEMENT	
TI RAKAU DRIVE CONSENT PLAN SHEET 1 OF 9	
Drawing Number	EB-2-R-2-PL-DG-100101
Revision	A

ORIGINAL SIZE
A1





TI RAKAU PARK

REFER TO DRAWING NO. EB-2-R-0-PL-DG-100124

REFER TO WILLIAM ROBERTS ROAD CONSENT DRAWINGS



Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
Filename: EB-2-R-2-PL-DG-100 101-100125.DWG

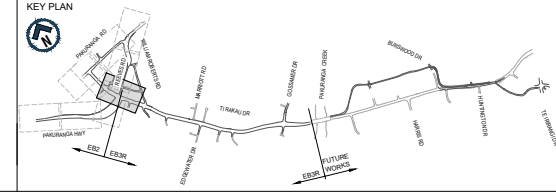
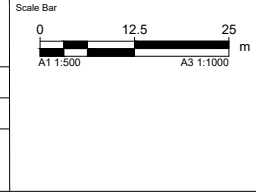
NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REFER TO DRAWING NO. EB-2-R-0-PL-DG-100123

FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)**

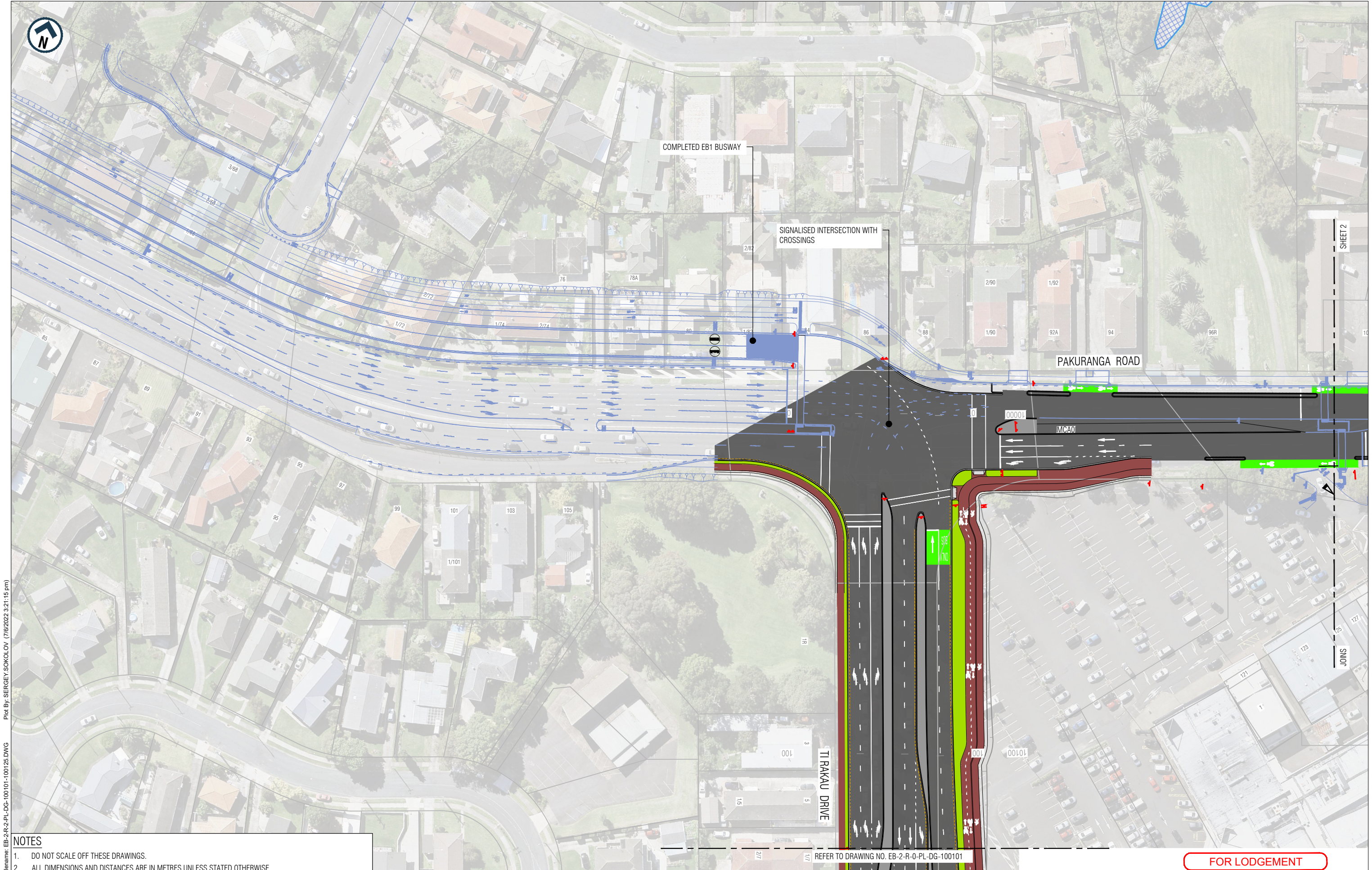
Drawing Status	Horizontal Datum
2016 NEW ZEALAND	NZGD 2000 MOUNT EDEN CIRCUIT
A1 SCALE 1:500	A3 SCALE 1:1000

GENERAL ARRANGEMENT	
Drawing Title	
TI RAKAU DRIVE CONSENT PLAN SHEET 2 OF 9	
Drawing Number	Revision
EB-2-R-2-PL-DG-100102	A

ORIGINAL SIZE
A1



ORIGINAL IN COLOUR

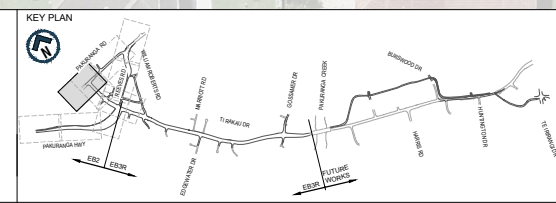
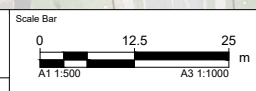


ORIGINAL SIZE A1
 File Name: EB-2-R-2-PL-DG-100101-100125.DWG
 Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT

GENERAL ARRANGEMENT
 PAKURANGA ROAD
 CONSENT PLAN
 SHEET 3 OF 9

Drawing Number	EB-2-R-2-PL-DG-100111	Revision	A
----------------	-----------------------	----------	---

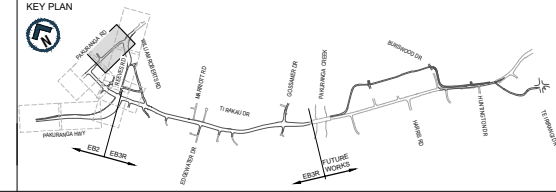
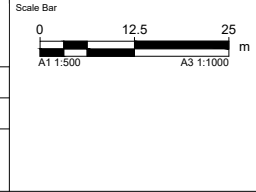


Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
Filename: EB-2-R-2-PL-DG-100101-100125.DWG

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)**

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT	
GENERAL ARRANGEMENT	
Drawing Title PAKURANGA ROAD CONSENT PLAN SHEET 4 OF 9	
Drawing Number	EB-2-R-2-PL-DG-100112
Revision	A

ORIGINAL SIZE
A1





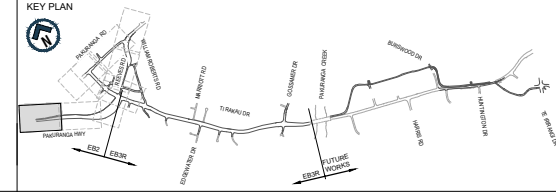
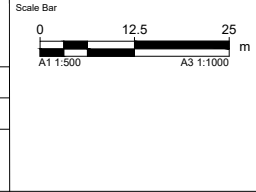
Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
 Filename: EB-2-R-2-PL-DG-100101-100125.DWG

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

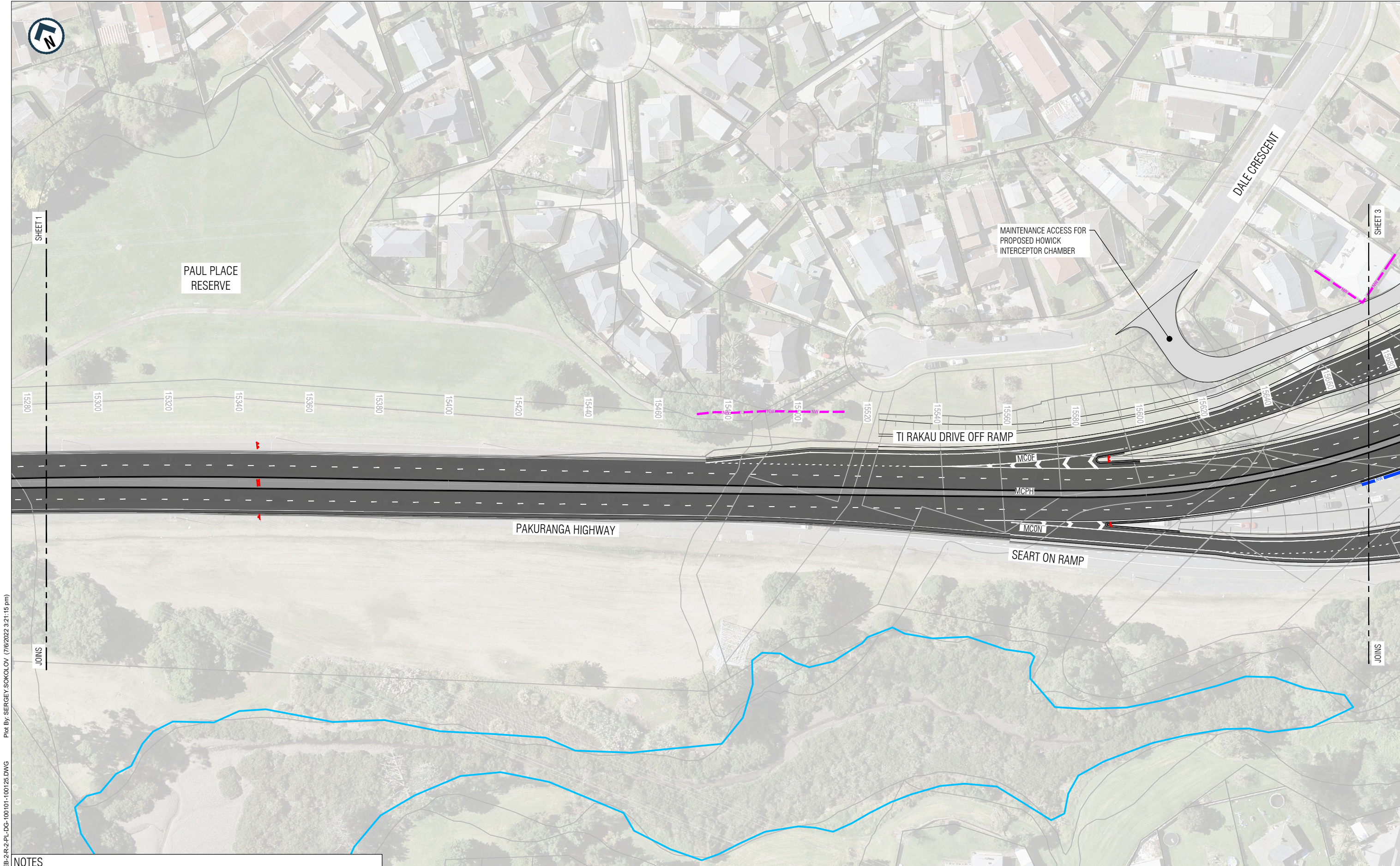
Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT	
GENERAL ARRANGEMENT	
PAKURANGA HIGHWAY/ REEVES ROAD	
CONSENT PLAN	
SHEET 5 OF 9	
Drawing Number	EB-2-R-2-PL-DG-100121
Revision	A

ORIGINAL SIZE A1



ORIGINAL IN COLOUR

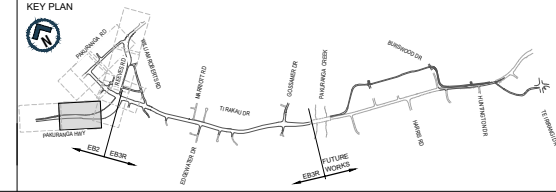
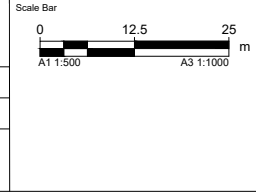


NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	31/05/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT

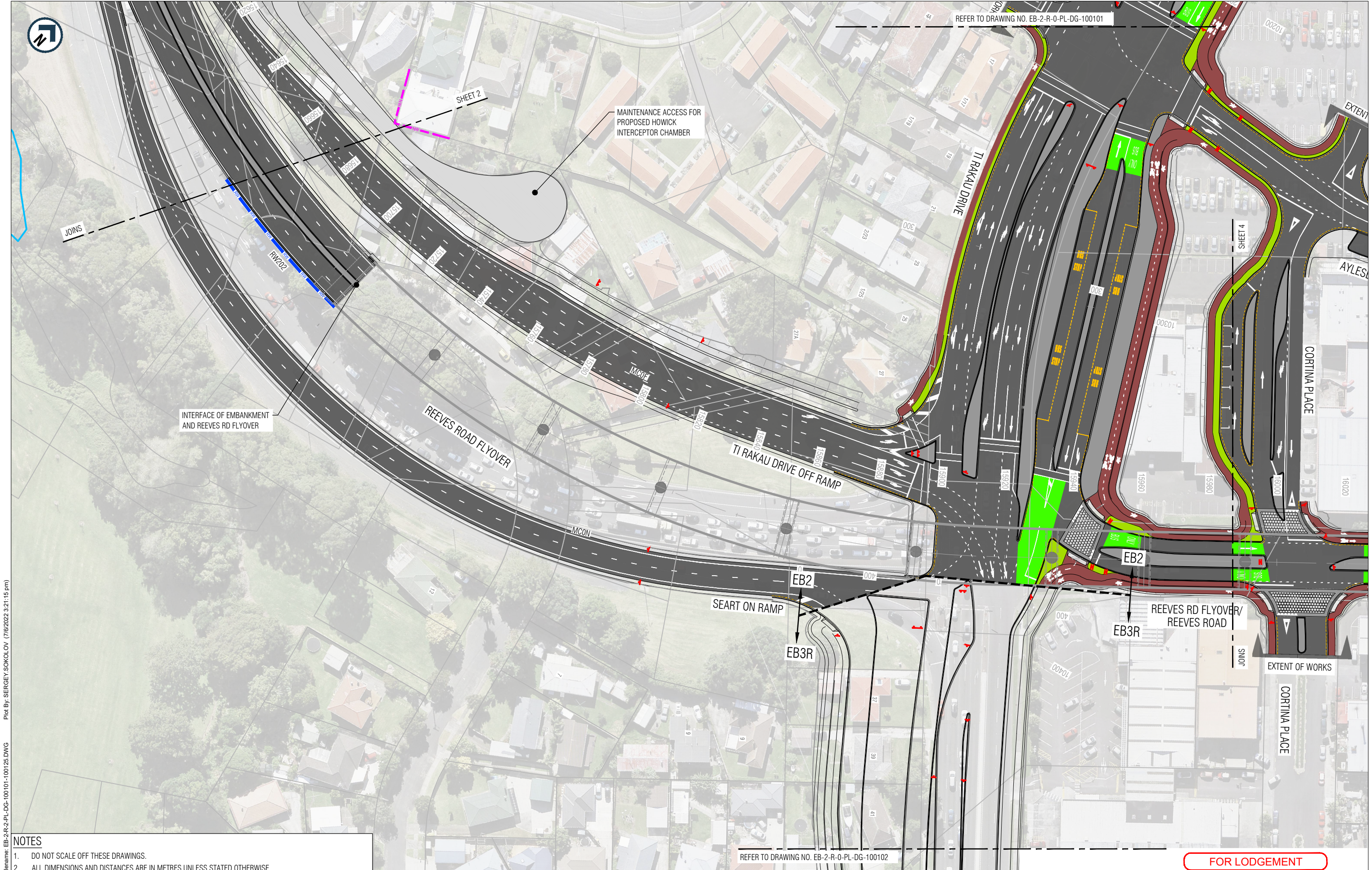
GENERAL ARRANGEMENT

PAKURANGA HIGHWAY/ REEVES ROAD
CONSENT PLAN
SHEET 6 OF 9

Drawing Number	EB-2-R-2-PL-DG-100122	Revision	A
----------------	-----------------------	----------	---

ORIGINAL SIZE A1
 Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
 Filename: EB-2-R-2-PL-DG-1001-100125.DWG





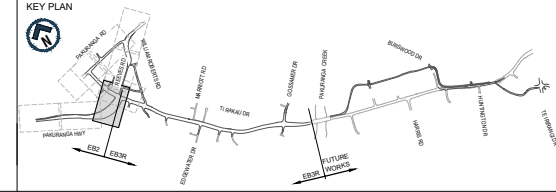
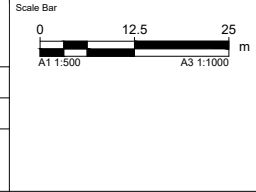
REFER TO DRAWING NO. EB-2-R-0-PL-DG-100101

REFER TO DRAWING NO. EB-2-R-0-PL-DG-100102

NOTES
 1. DO NOT SCALE OFF THESE DRAWINGS.
 2. ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

Design Package		GENERAL ARRANGEMENT	
Drawing Title		PAKURANGA HIGHWAY/ REEVES ROAD	
		CONSENT PLAN	
		SHEET 7 OF 9	
Drawing Number		EB-2-R-2-PL-DG-100123	
Revision		A	

ORIGINAL SIZE
 A1
 ORIGINAL IN COLOUR

Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
 File Name: EB-2-R-2-PL-DG-100101-100125.DWG



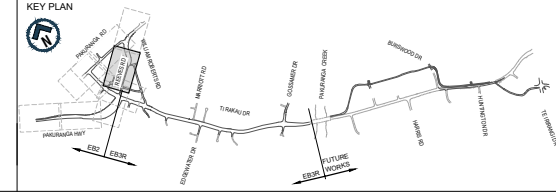
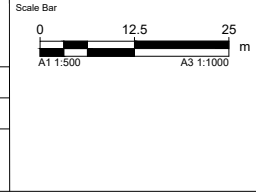
File name: EB-2-R-2-PL-DG-1001-100125.DWG
 Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT

GENERAL ARRANGEMENT
PAKURANGA HIGHWAY/ REEVES ROAD
CONSENT PLAN
SHEET 8 OF 9

Drawing Number	EB-2-R-2-PL-DG-100124	Revision	A
----------------	-----------------------	----------	---

ORIGINAL SIZE A1



REFER TO DRAWING NO. EB-2-R-0-PL-DG-100112

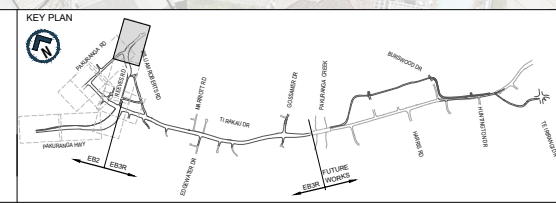
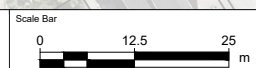


Plot By: SERGEY SOKOLOV (7/6/2022 3:21:15 pm)
 File Name: EB-2-R-2-PL-DG-100101-100125.DWG
 ORIGINAL SIZE A1

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT	
Vertical Datum 2016 NEW ZEALAND	
A1 SCALE 1:500	A3 SCALE 1:1000

FOR LODGEMENT

GENERAL ARRANGEMENT

PAKURANGA HIGHWAY/ REEVES ROAD
 CONSENT PLAN
 SHEET 9 OF 9

Drawing Number EB-2-R-2-PL-DG-100125	Revision A
---	---------------

ORIGINAL IN COLOUR



Filename: EB-2-R-2-PL-DG-100131-100132.DWG Plot By: SERGEY SOKOLOV (6/27/2022 4:41:55 pm)

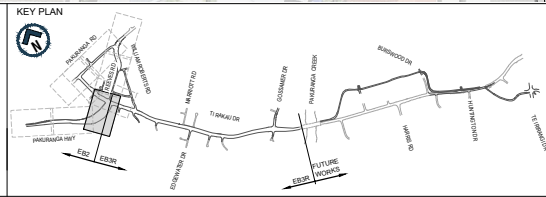
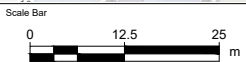
ORIGINAL SIZE A1

ORIGINAL IN COLOUR

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

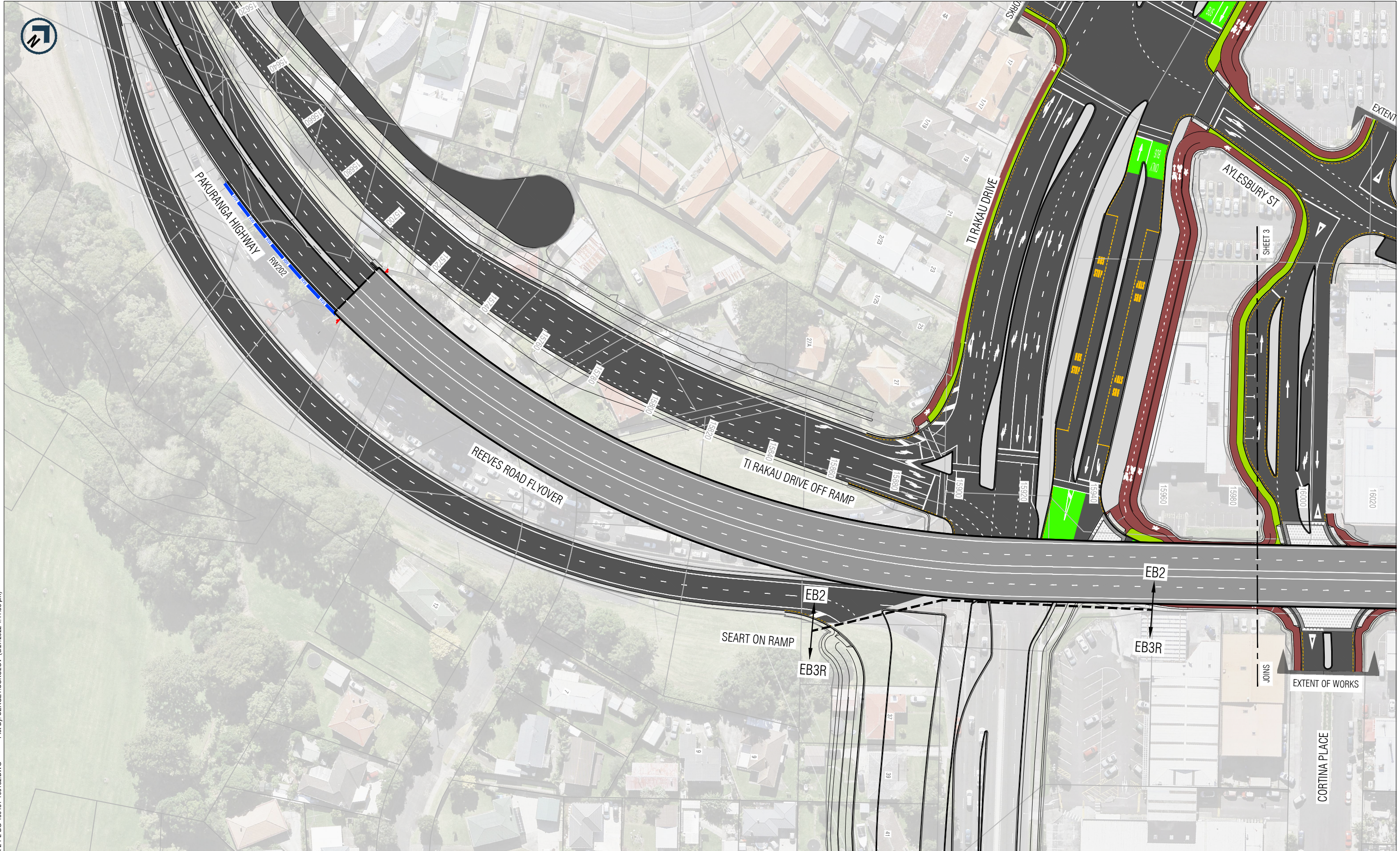
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)**

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

Design Package		FOR LODGEMENT	
Drawing Title		GENERAL ARRANGEMENT	
		REEVES ROAD FLYOVER	
		CONSENT PLAN	
		SHEET 1 OF 2	
Drawing Number		EB-2-R-2-PL-DG-100131	
Revision		A	



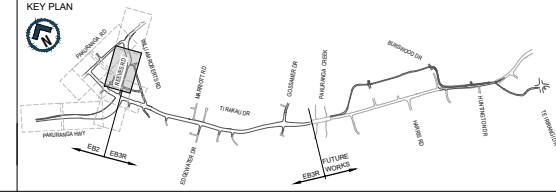
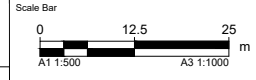


File name: EB-2-R-2-PL-DG-100131-100132.DWG
 Plot By: SERGEY SOKOLOV (6/27/2022 4:41:55 pm)

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	31/05/2022	S. Sokolov	FOR LODGEMENT

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	-	Checked	-
Drawn	S. Sokolov	Checked	M. Dalvi
Approved	S. Jones		
Date	31/05/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

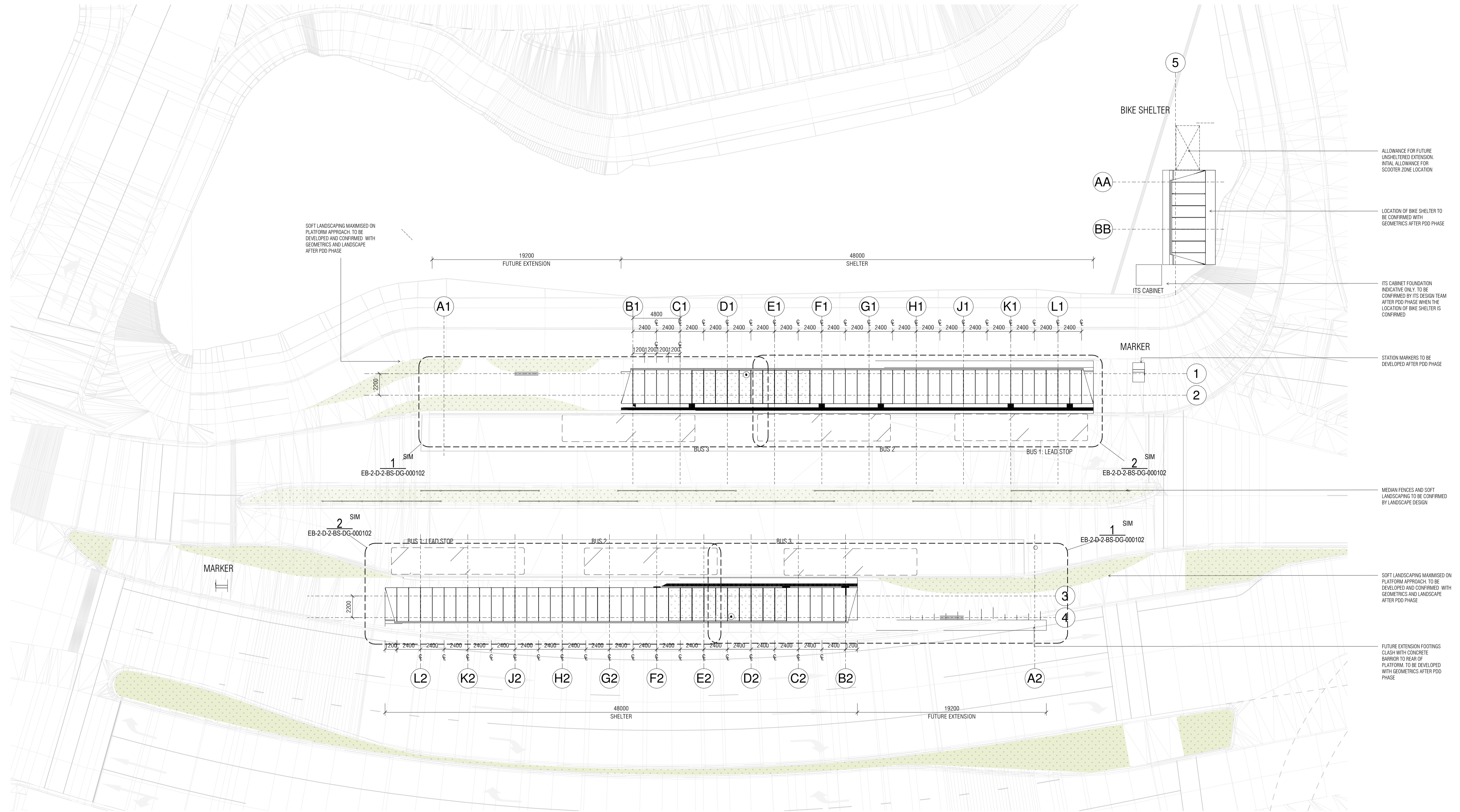
Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

FOR LODGEMENT

Design Package		GENERAL ARRANGEMENT	
Drawing Title		REEVES ROAD FLYOVER	
Drawing Title		CONSENT PLAN	
Drawing Title		SHEET 2 OF 2	
Drawing Number		EB-2-R-2-PL-DG-100132	
Revision		A	

ORIGINAL SIZE A1





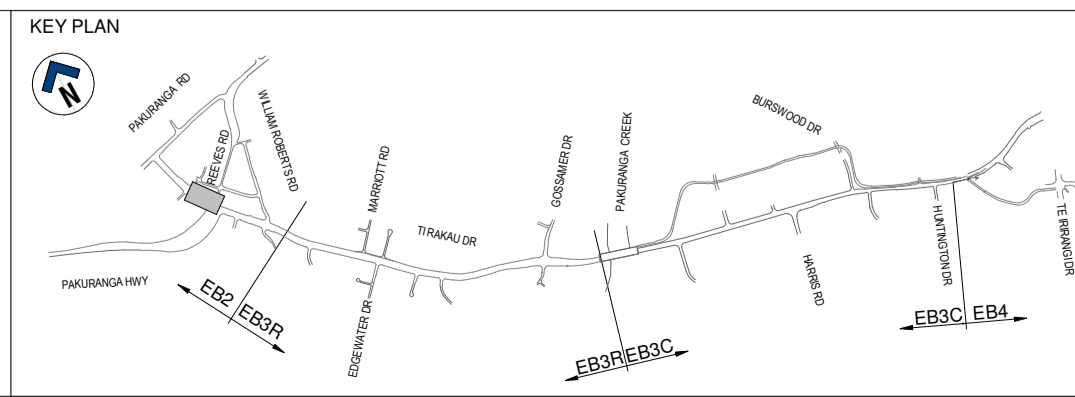
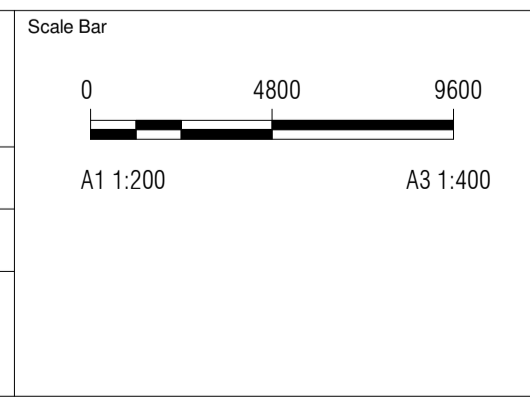
1 EB2 - SITE PLAN
 EB-2-D-2-BS-DG-000105 1:200 (A1) 1:400 (A3)

Filename: BM\360\CI\APAC (NZL) 6084413-Eastern Busway 24\EB234 - AR-MD-2-EB2 BUS STATIONS.mxd

ORIGINAL SIZE A1

Designed	WaM	Checked	S. Hardy
Drawn	WaM	Checked	T. Locke
Approved	S. Jones	Approver Signature	
Date	29/04/2022		

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Scale Bar	0 4800 9600 A1 1:200 A3 1:400		



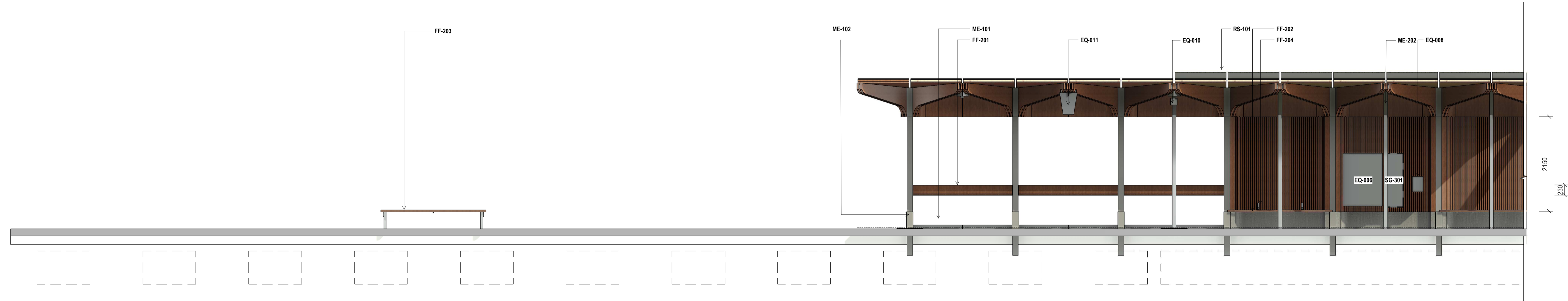
Drawing Status	Horizontal Datum	Vertical Datum
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT	
Vertical Datum	2016 NEW ZEALAND	
A1 SCALE	1:200	A3 SCALE
A3 SCALE	1:400	

Design Package	PAKURANGA STATION
Drawing Title	PROPOSED SITE PLAN ARCHITECTURAL
Drawing Number	EB-2-D-2-BS-DG-000101
Revision	A

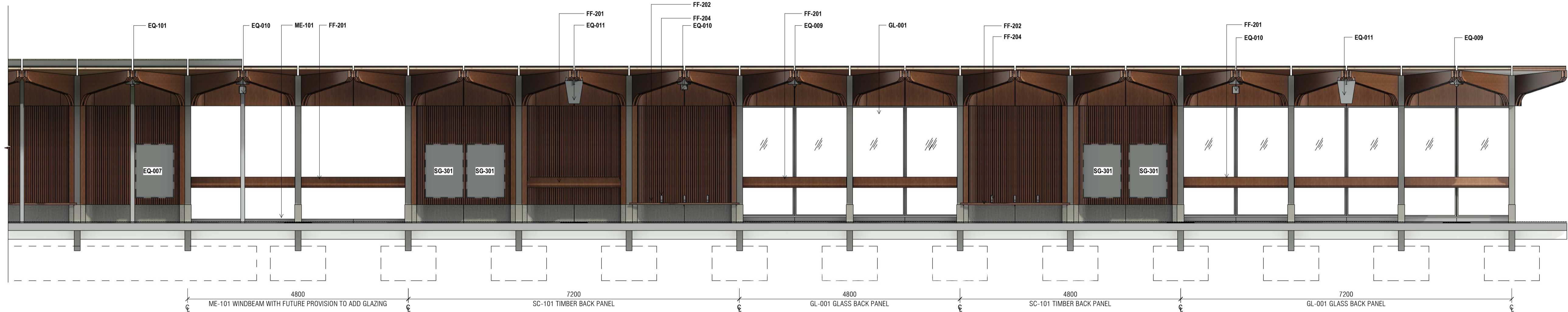
PACKAGE NO. 2BS-00		NOT FOR CONSTRUCTION	
--------------------	--	----------------------	--

ORIGINAL IN COLOUR

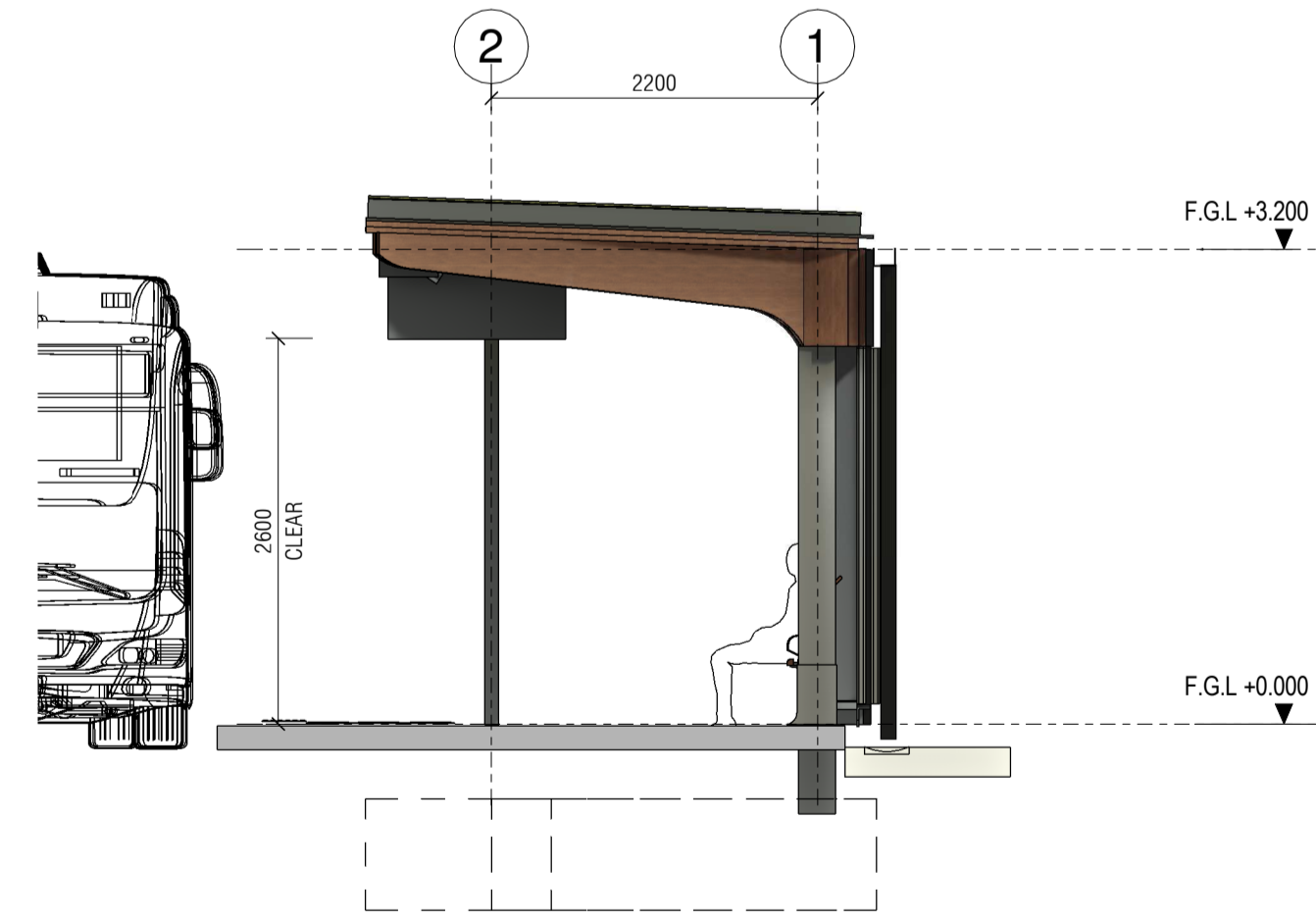
Filename: BM 360/CI/APAC (NZL) 6084113-Eastern Busway 24/EB234-1-AR-MD-22-EB2 BUS STATIONS.MXD



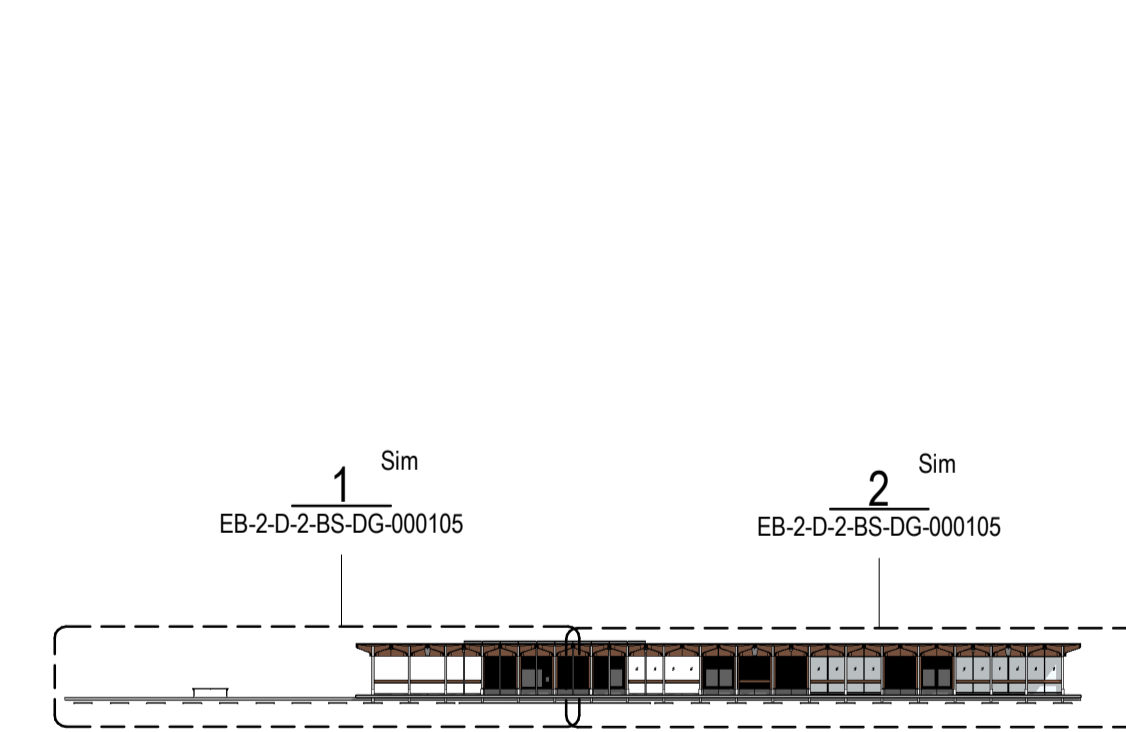
1 FRONT ELEVATION - EASTBOUND 01
EB-2-D-2-BS-DG-000105 1:50 (A1) 1:100 (A3)



2 FRONT ELEVATION - EASTBOUND 02
EB-2-D-2-BS-DG-000105 1:50 (A1) 1:100 (A3)



4 SIDE ELEVATION - EASTBOUND
EB-2-D-2-BS-DG-000102 1:50 (A1) 1:100 (A3)



3 FRONT ELEVATION - REFERENCE
1:500 (A1) 1:1400 (A3)

NOTES:

GA PLANS AND ELEVATIONS ARE SPECIFIC TO THE EASTBOUND PLATFORM. THE DRAWINGS ARE USED TO COMMUNICATE BOTH EASTBOUND AND WESTBOUND PLATFORMS AS THEY ARE THE SAME CONFIGURATION WITH ONE ROTATED 180 DEGREE ON SITE. EG. GRIDLINE A1 EQUALS A2, B1 EQUALS B2 ETC

SOLAR PANELS ARE INDICATED AS PROVISIONAL ONLY ON THE EXTERIOR OF SOLID TIMBER BATTEN PANELS. THIS IS ONLY RELEVANT TO THE EASTBOUND PLATFORM.

GREEN ROOF LOCATION INDICATED AS PROVISIONAL ONLY.

KEYNOTE LEGEND SHEET	
CODE	DESCRIPTION
EQ-006	TICKET TOP-UP MACHINE. PROVIDED BY OTHERS
EQ-007	SMART INFORMATION BOARD
EQ-008	EMERGENCY HELP POINT. INCLUDING CONNECTION TO AUDIO SYSTEM. FIXED AT 1150mm
EQ-009	CCTV CAMERA. MOUNTED TO COVER PANEL
EQ-010	PA SYSTEM MOUNTED TO COVER PANEL. PROVIDED BY OTHERS
EQ-011	PASSENGER INFORMATION DISPLAY. MOUNTED TO SOFFIT. 2600mm H CLEAR
EQ-101	TRIANGLE COVER PANEL. FIXED TO SOFFIT BETWEEN RAFTERS
FF-201	TIMBER LEANER. STEEL BRACKET AND FIXINGS

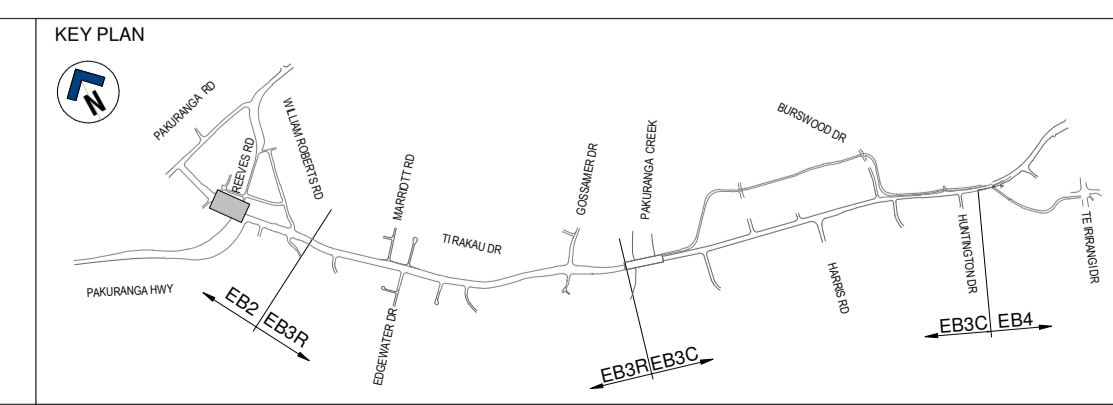
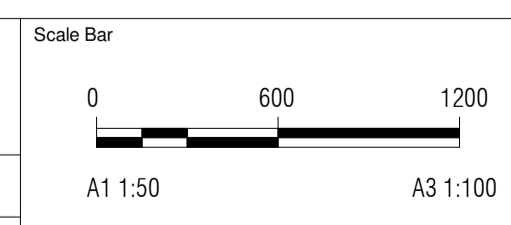
KEYNOTE LEGEND SHEET	
CODE	DESCRIPTION
FF-202	TIMBER BENCHSEAT. STEEL BRACKET FIXED TO STRUCTURE
FF-203	TIMBER BENCHSEAT FREESTANDING
FF-204	ARMREST FIXED TO BENCH SEAT
GL-001	1200mm CLEAR GLASS PANEL. FRAMED WITH WINDBEAM. FIXED BETWEEN RHS
ME-101	WINDBEAM FIXED TO RHS
ME-102	METAL SHEET. FOLDED INTO SLEEVE AROUND BASE OF RHS
ME-202	RHS 90x90mm. TO BE CONFIRMED BY STRUCTURAL ENGINEER
RS-101	GREEN ROOF SYSTEM. INDICATED AS PROVISIONAL ONLY
SG-301	AUCKLAND TRANSPORT SIGNAGE

PACKAGE NO. 2BS-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1

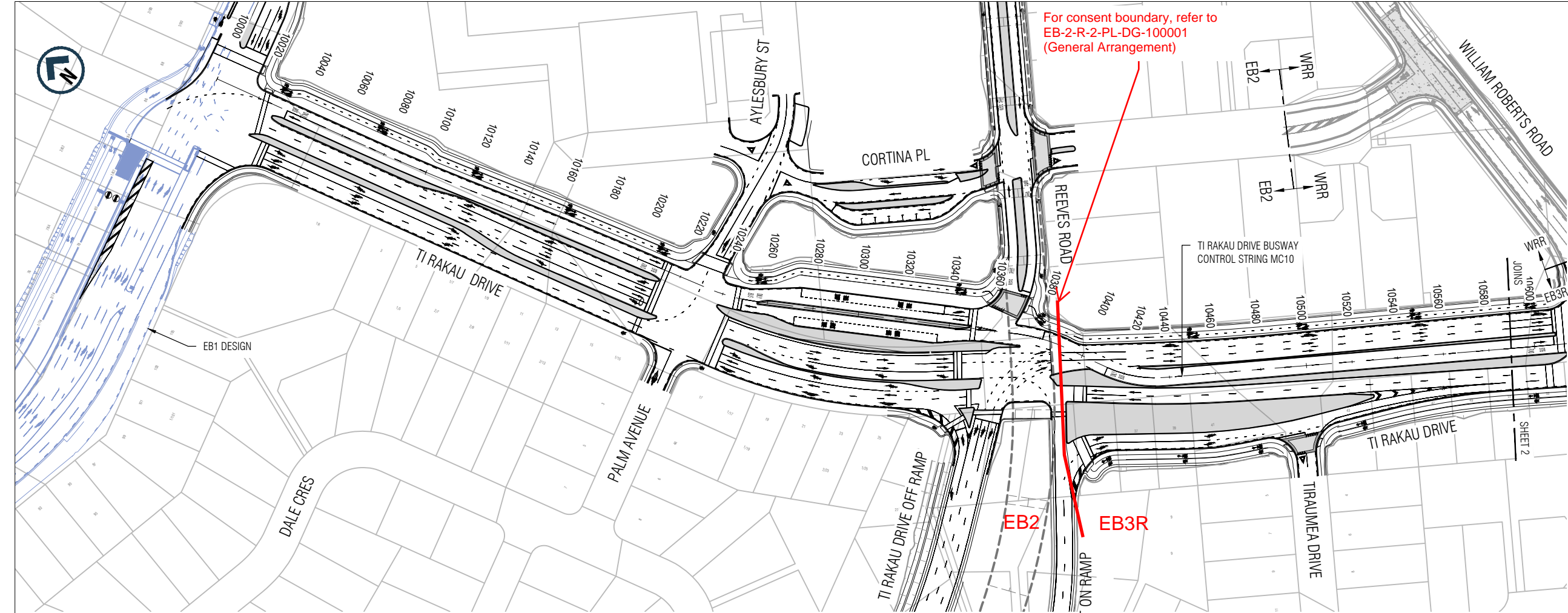
This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	WaM	Checked	S. Hardy
Drawn	WaM	Checked	T. Locke
Approved	S. Jones		
Date	29/04/2022		
		Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

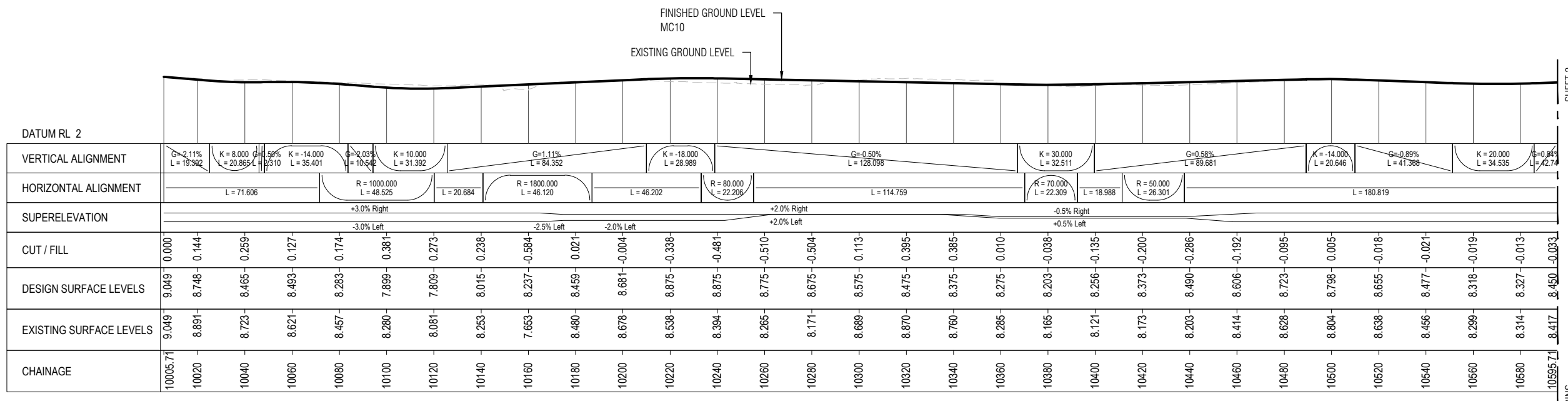
Drawing Status		Design Package	
Horizontal Datum		PAKURANGA STATION	
NZGD 2000 MOUNT EDEN CIRCUIT		GA ELEVATIONS - EAST & WESTBOUND	
Vertical Datum		ARCHITECTURAL	
2016 NEW ZEALAND		Drawing Number	
A1 SCALE	AS SHOWN	A3 SCALE	AS SHOWN
		EB-2-D-2-BS-DG-000105	
		Revision	
		A	

ORIGINAL IN COLOUR



PLAN - MC10
Scale 1:1000 (A1) 1:2000 (A3)

- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- PLAN LEGEND:**
- PROPERTY BOUNDARIES
 - ALIGNMENT CONTROL STRING
- LONGITUDINAL SECTION LEGEND:**
- EXISTING SURFACE
 - DESIGN SURFACE

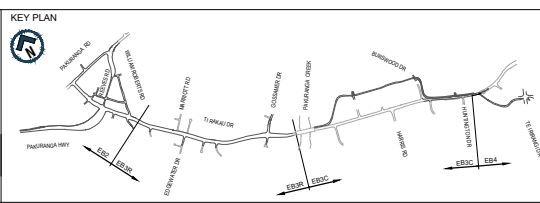
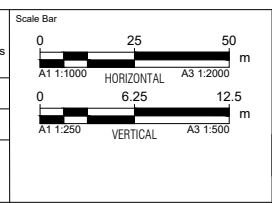


LONGITUDINAL SECTION - MC10
Scale HOR 1:1000 (A1) VER 1:250 (A1)

File name: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 6:09:06 pm) ORIGINAL SIZE A1

PACKAGE No. 2RD-00 NOT FOR CONSTRUCTION

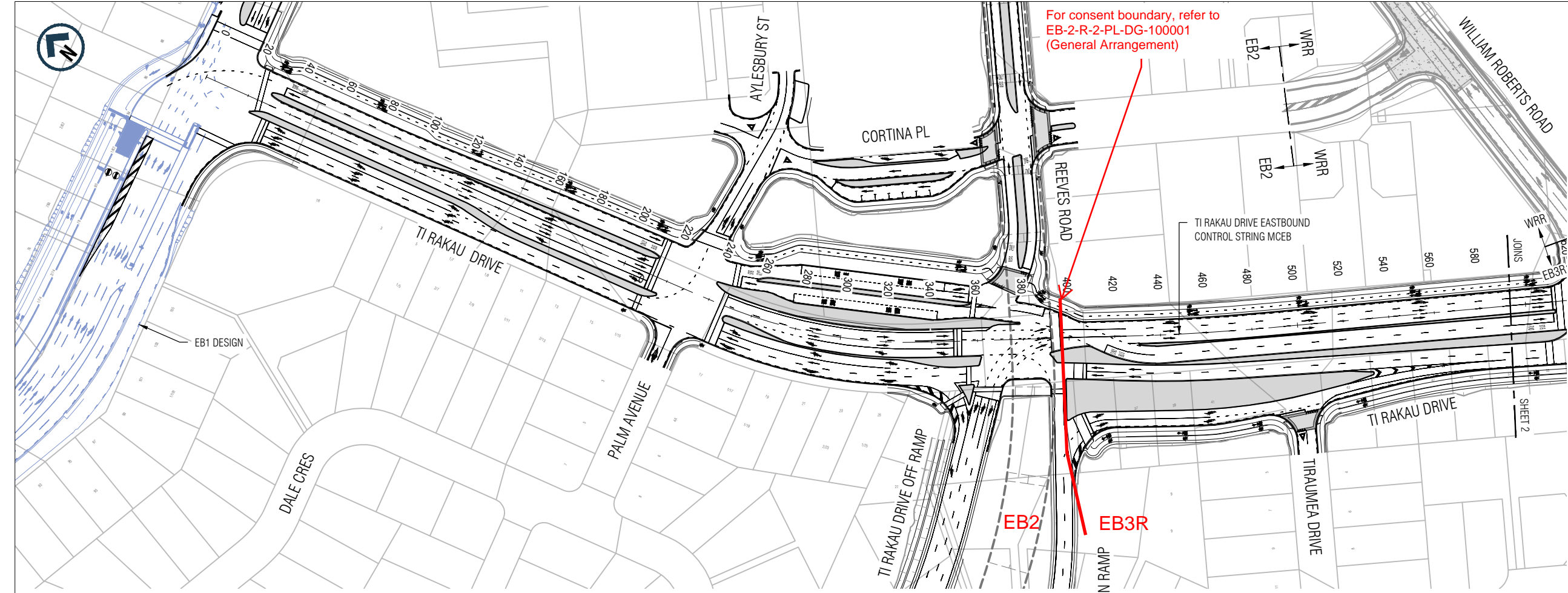
This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing	
Designed	D. deAbrew
Checked	D. Angus
Drawn	M. Santos
Checked	M. Dalvi
Approved	S. Jones
Date	29/03/2022
Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	AS SHOWN
A3 SCALE	AS SHOWN

ROADWORK GEOMETRIC DESIGN	
Drawing Title	
TI RAKAU DRIVE BUSWAY PLAN AND LONGITUDINAL SECTION MC10 - SHEET 1 OF 2	
Drawing Number	EB-2-D-2-RD-DG-000301
Revision	A



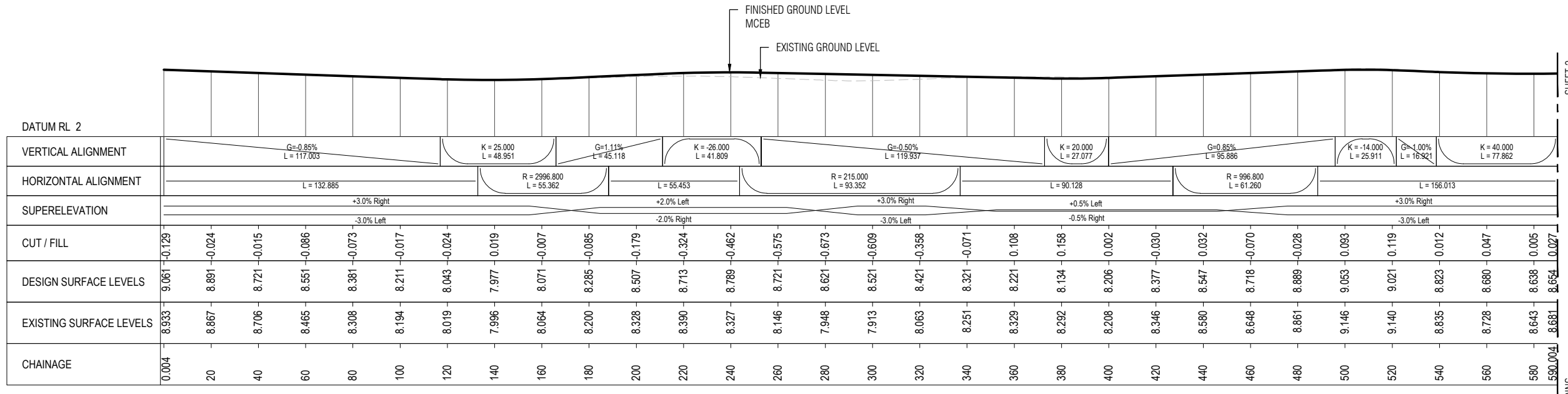
PLAN - MCEB
Scale 1:1000 (A1) 1:2000 (A3)

- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- PLAN LEGEND:**
- PROPERTY BOUNDARIES
 - ALIGNMENT CONTROL STRING
- LONGITUDINAL SECTION LEGEND:**
- EXISTING SURFACE
 - DESIGN SURFACE

For consent boundary, refer to EB-2-R-2-PL-DG-100001 (General Arrangement)

EB2 EB3R

START ON RAMP



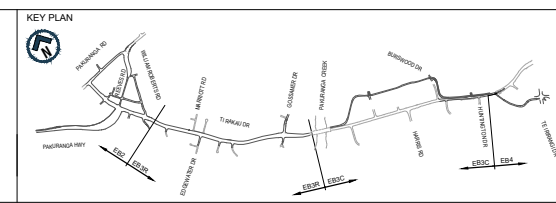
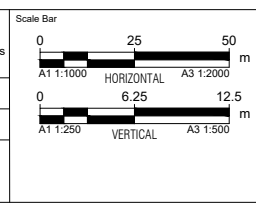
LONGITUDINAL SECTION - MCEB
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 6:09:06 pm)

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing	
Designed	D. deAbrew
Checked	D. Angus
Drawn	M. Santos
Checked	M. Dalvi
Approved	S. Jones
Date	29/03/2022
Approver Signature	

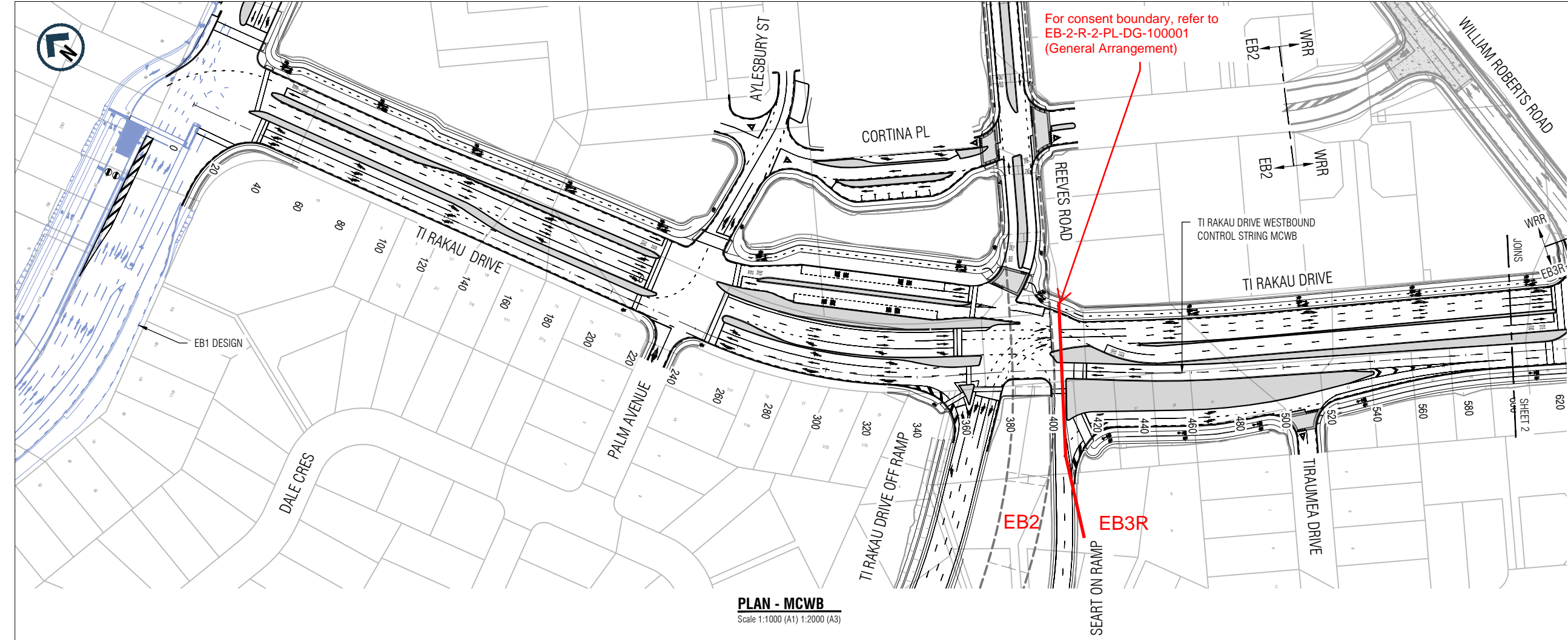


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	Horizontal Datum
NZGD 2000 MOUNT EDEN CIRCUIT	Vertical Datum
2016 NEW ZEALAND	
A1 SCALE AS SHOWN	A3 SCALE AS SHOWN

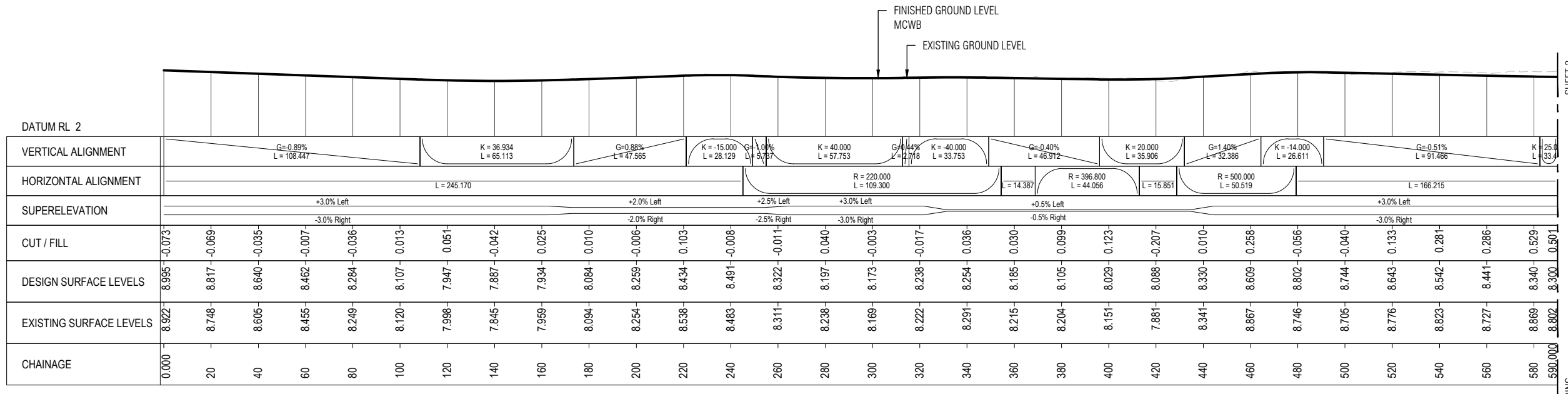
ROADWORK GEOMETRIC DESIGN	
TI RAKAU DRIVE EASTBOUND	
PLAN AND LONGITUDINAL SECTION	
MCEB - SHEET 1 OF 2	
Drawing Number	Revision
EB-2-D-2-RD-DG-000305	A

ORIGINAL IN COLOUR



PLAN - MCWB
Scale 1:1000 (A1) 1:2000 (A3)

- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- PLAN LEGEND:**
- PROPERTY BOUNDARIES
 - ALIGNMENT CONTROL STRING
- LONGITUDINAL SECTION LEGEND:**
- EXISTING SURFACE
 - DESIGN SURFACE



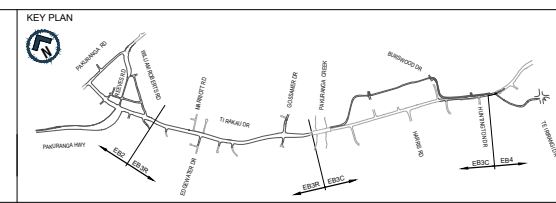
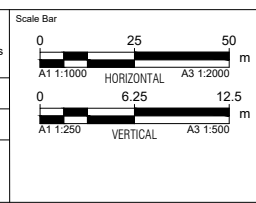
LONGITUDINAL SECTION - MCWB
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 6:09:06 pm)

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

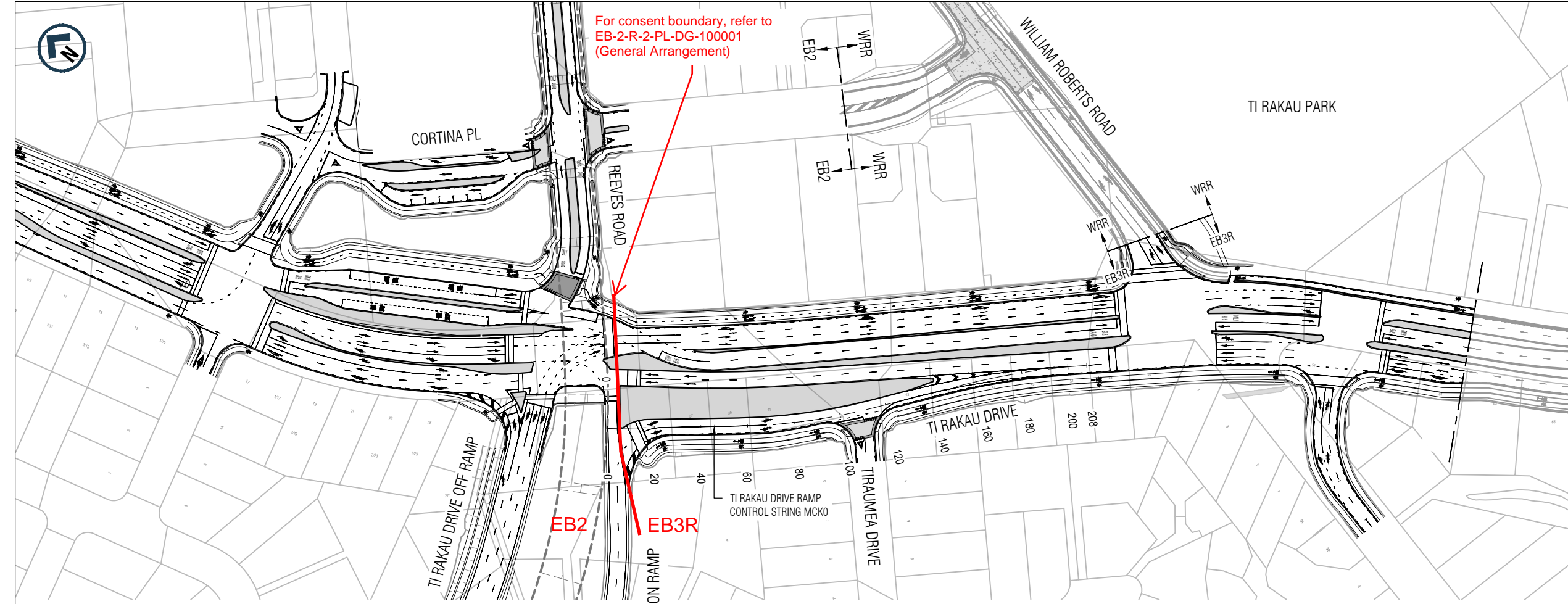


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title TI RAKAU DRIVE WESTBOUND	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-2-RD-DG-000310	
A1 SCALE	AS SHOWN	A3 SCALE	AS SHOWN

Revision	
A	

ORIGINAL IN COLOUR



- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

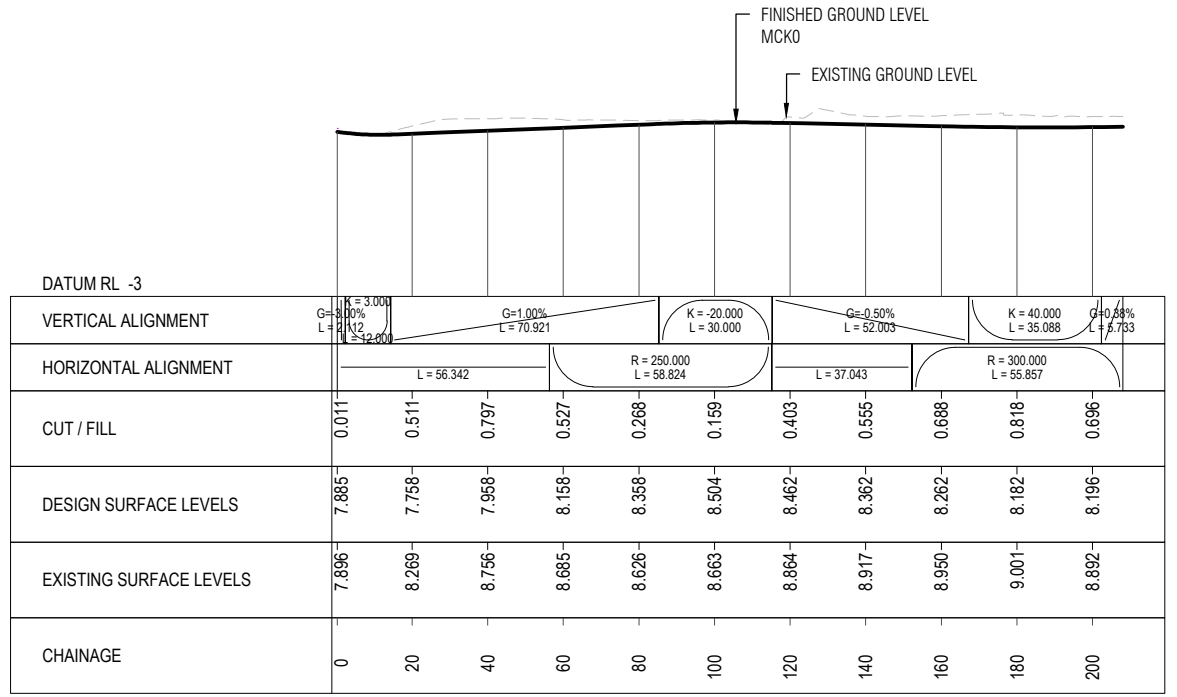
PLAN LEGEND:

— — — — — PROPERTY BOUNDARIES
 - - - - - ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

— — — — — EXISTING SURFACE
 ————— DESIGN SURFACE

PLAN - MCKO
 Scale 1:1000 (A1) 1:2000 (A3)



LONGITUDINAL SECTION - MCKO
 Scale HOR 1:1000 (A1) VER 1:250 (A1)

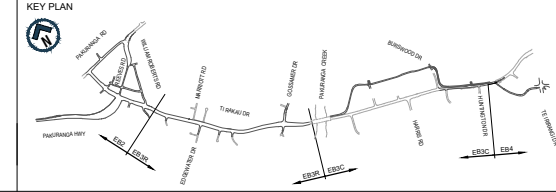
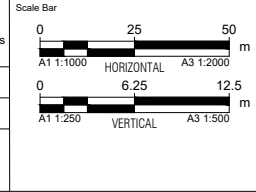
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1
 Plot By: SANTOSMR (3/31/2022 12:48:11 pm)
 Filename: EB-2-D-2-RD-DG-000301.DWG

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status
 Horizontal Datum
 NZGD 2000 MOUNT EDEN CIRCUIT
 Vertical Datum
 2016 NEW ZEALAND

ROADWORK GEOMETRIC DESIGN
TI RAKAU DRIVE RAMP
PLAN AND LONGITUDINAL SECTION
MCKO

Drawing Number: EB-2-D-2-RD-DG-000315
 Revision: A

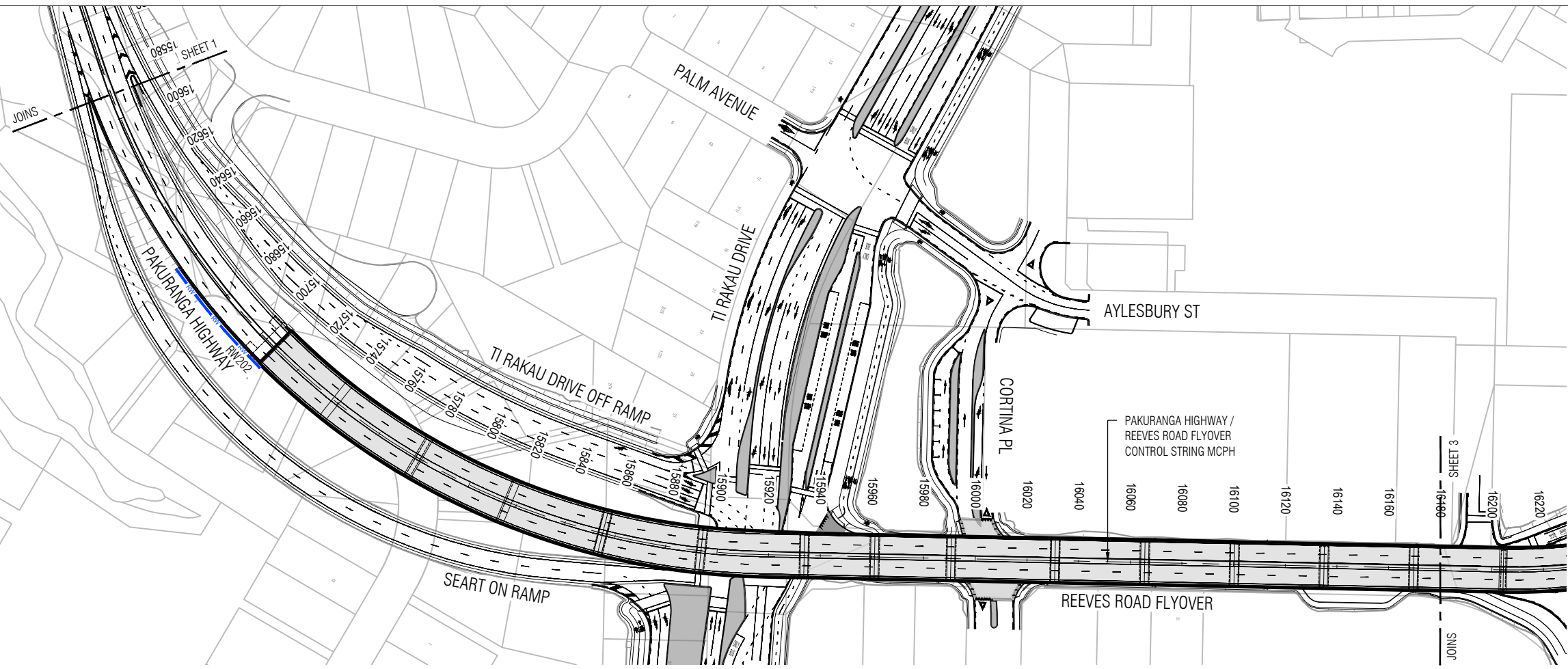
ORIGINAL IN COLOUR



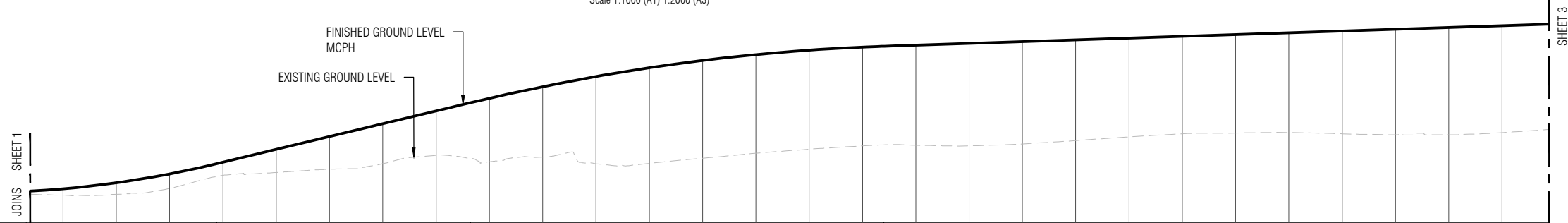
- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

- PLAN LEGEND:**
- PROPERTY BOUNDARIES
 - ALIGNMENT CONTROL STRING

- LONGITUDINAL SECTION LEGEND:**
- EXISTING SURFACE
 - DESIGN SURFACE



PLAN - MCPH
Scale 1:1000 (A1) 1:2000 (A3)



CHAINAGE	15588	15600	15620	15640	15660	15680	15700	15720	15740	15760	15780	15800	15820	15840	15860	15880	15900	15920	15940	15960	15980	16000	16020	16040	16060	16080	16100	16120	16140
CUT / FILL	-0.295	-0.600	-1.088	-1.359	-1.231	-2.164	-3.067	-3.739	-4.150	-5.952	-6.591	-8.174	-8.959	-9.162	-9.242	-9.292	-9.263	-9.386	-9.603	-9.587	-9.444	-9.262	-9.138	-9.231	-9.353	-9.634	-9.892	-10.067	-10.027
DESIGN SURFACE LEVELS	3.942	4.157	4.722	5.553	6.649	7.849	9.049	10.249	11.449	12.641	13.726	14.679	15.498	16.184	16.737	17.156	17.442	17.618	17.784	17.950	18.116	18.282	18.448	18.613	18.779	18.945	19.111	19.277	19.443
EXISTING SURFACE LEVELS	3.647	3.557	3.634	4.194	5.418	5.685	5.982	6.510	7.299	6.688	7.135	6.504	6.540	7.022	7.494	7.864	8.179	8.233	8.181	8.363	8.672	9.020	9.309	9.382	9.427	9.311	9.219	9.210	9.416
VERTICAL ALIGNMENT	K = 15.000 L = 99.000		G = 6.00% L = 95.228					R = 275.000 L = 341.585					K = -30.000 L = 155.118					G = 0.83% L = 358.237											
HORIZONTAL ALIGNMENT																		L = 287.351											
SUPERELEVATION													-3.0% Left -3.0% Right																

LONGITUDINAL SECTION - MCPH
Scale HOR 1:1000 (A1) VER 1:250 (A1)

Filename: EB-2-D-2-RD-DG-000320-000322.DWG Plot By: SANTOSMR (3/31/2022 4:26:02 pm)

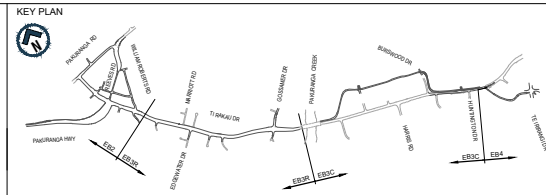
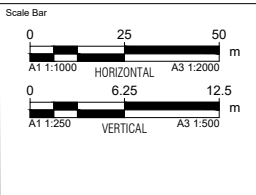
ORIGINAL SIZE A1

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones		
Date	29/03/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	Horizontal Datum
2016 NEW ZEALAND	NZGD 2000 MOUNT EDEN CIRCUIT
A1 SCALE AS SHOWN	A3 SCALE AS SHOWN

ROADWORK GEOMETRIC DESIGN	
Drawing Title PAKURANGA HWY / REEVES RD FLYOVER PLAN AND LONGITUDINAL SECTION MCPH - SHEET 2 OF 3	
Drawing Number	Revision
EB-2-D-2-RD-DG-000321	A

ORIGINAL IN COLOUR



PAKURANGA TOWN CENTRE

PAKURANGA HIGHWAY / REEVES ROAD FLYOVER CONTROL STRING MCPH

PAKURANGA ROAD

REEVES ROAD FLYOVER

PAKURANGA COMMUNITY CENTRE

WILLIAM ROBERTS ROAD (NORTH)

AVR ROAD

REEVES ROAD

PLAN - MCPH

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

NOTES:

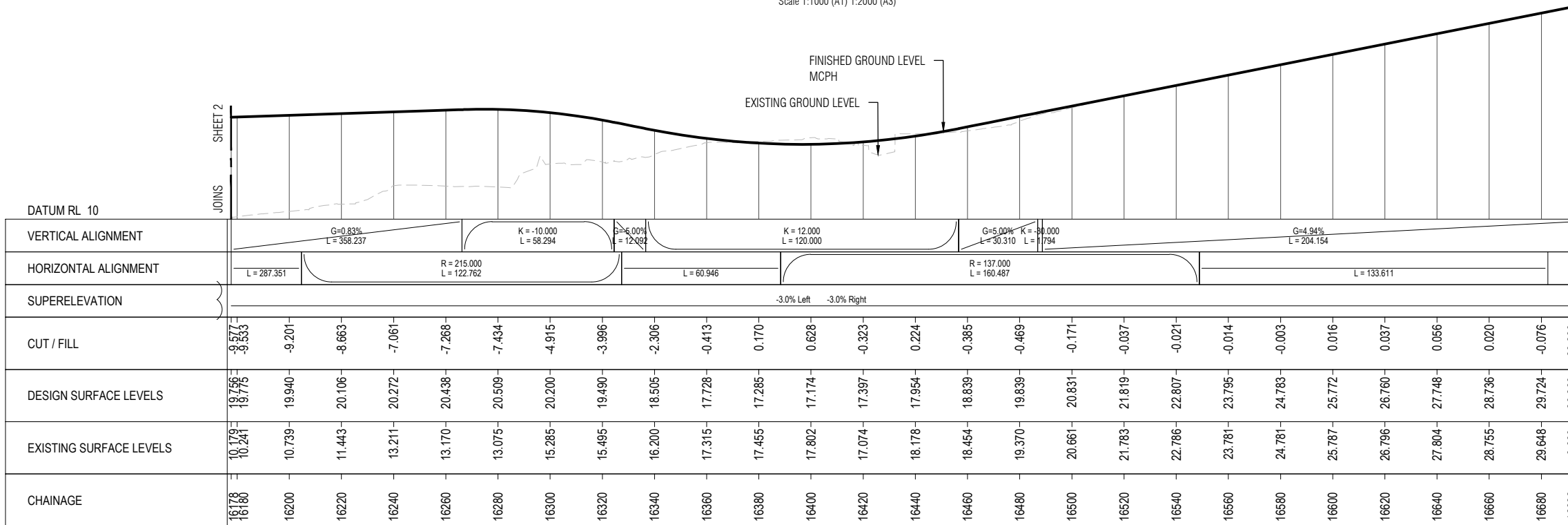
- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE



LONGITUDINAL SECTION - MCPH

Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

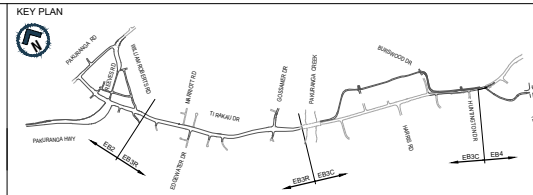
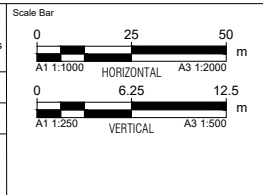
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000320-000322.DWG Plot By: SANTOSMR (3/31/2022 4:26:02 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones		
Date	29/03/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	Horizontal Datum
2016 NEW ZEALAND	NZGD 2000 MOUNT EDEN CIRCUIT
A1 SCALE AS SHOWN	A3 SCALE AS SHOWN

Design Package	Drawing Title
ROADWORK GEOMETRIC DESIGN	PAKURANGA HWY / REEVES RD FLYOVER PLAN AND LONGITUDINAL SECTION MCPH - SHEET 3 OF 3
Drawing Number	Revision
EB-2-D-2-RD-DG-000322	A

ORIGINAL IN COLOUR



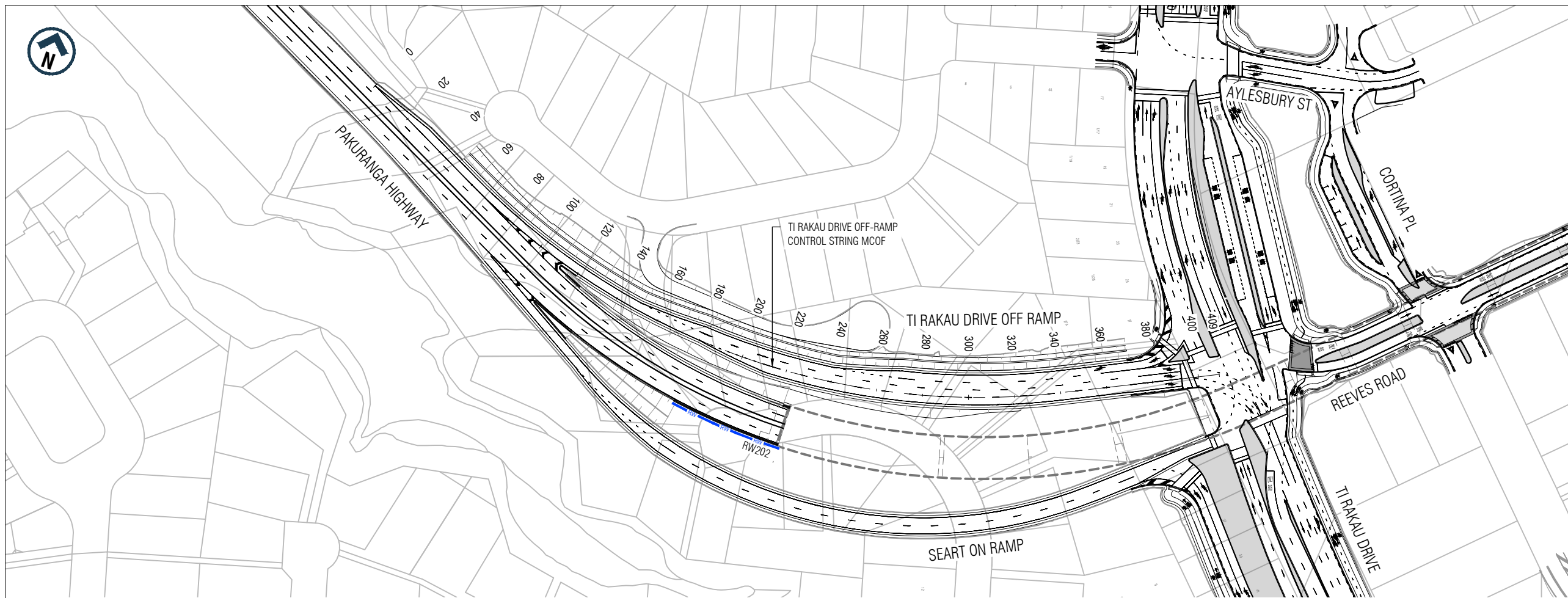
- NOTES:
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

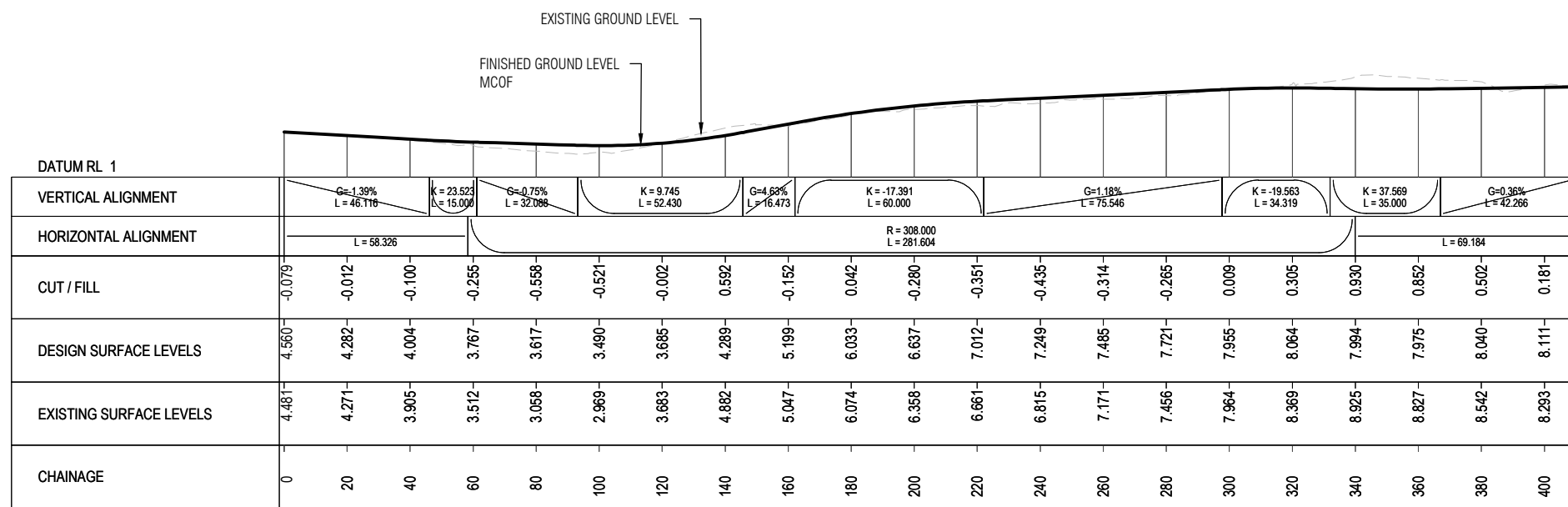
— — — — — PROPERTY BOUNDARIES
 - - - - - ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

— — — — — EXISTING SURFACE
 ————— DESIGN SURFACE



PLAN - MCOF
 Scale 1:1000 (A1) 1:2000 (A3)



LONGITUDINAL SECTION - MCOF
 Scale HOR 1:1000 (A1) VER 1:250 (A1)

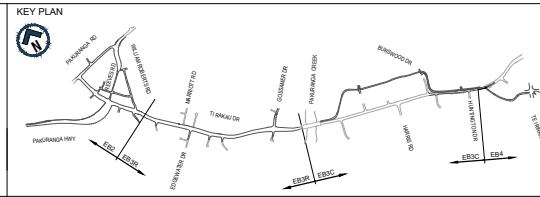
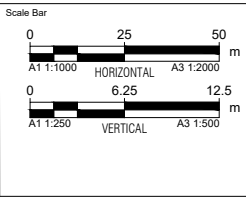
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1
 File Name: EB-2-D-2-RD-DG-000301.DWG
 Plot By: SANTOSMR (3/31/2022 12:48:11 pm)

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

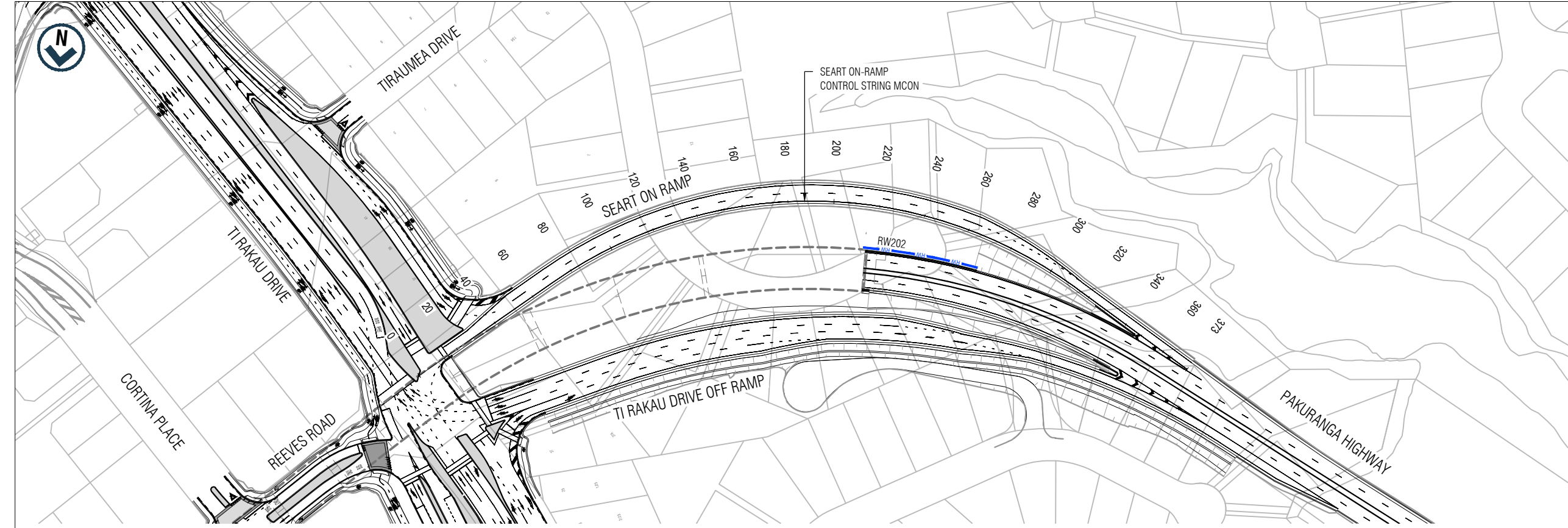


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
 EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	AS SHOWN
A3 SCALE	AS SHOWN

ROADWORK GEOMETRIC DESIGN	
TI RAKAU DRIVE OFF-RAMP PLAN AND LONGITUDINAL SECTION MCOF	
Drawing Number	EB-2-D-2-RD-DG-000325
Revision	A





- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

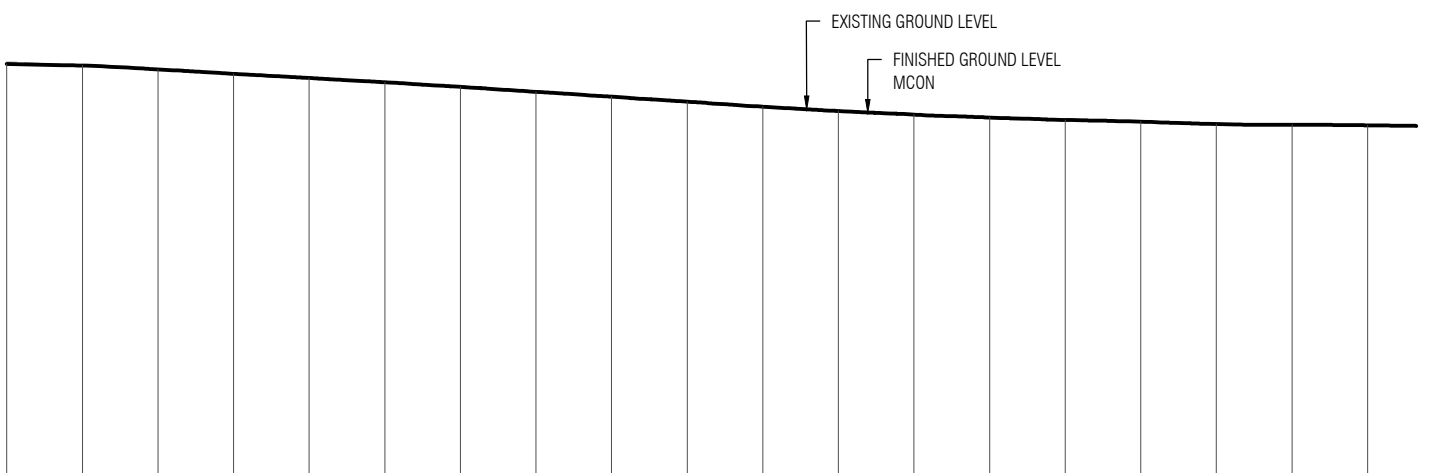
PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE

PLAN - MCON
Scale 1:1000 (A1) 1:2000 (A3)



DATUM RL -20	
VERTICAL ALIGNMENT	G = -0.51% L = 18.848
HORIZONTAL ALIGNMENT	L = 71.393 R = 195.000 L = 241.905 L = 59.556
CUT / FILL	0.153 0.038 -0.000 -0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.040 -0.048
DESIGN SURFACE LEVELS	8.055 7.951 7.696 7.403 7.130 6.848 6.543 6.218 5.894 5.568 5.235 4.950 4.713 4.521 4.360 4.240 4.085 4.042 4.004
EXISTING SURFACE LEVELS	8.208 7.989 7.696 7.403 7.130 6.848 6.543 6.218 5.985 5.695 5.235 4.950 4.713 4.521 4.360 4.240 4.085 4.002 3.955
CHAINAGE	0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360

LONGITUDINAL SECTION - MCON
Scale HOR 1:1000 (A1) VER 1:250 (A1)

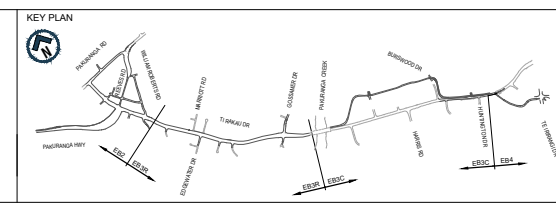
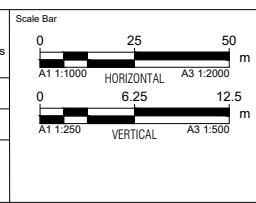
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 12:48:11 pm)

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing.



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		SEART ON-RAMP	
Vertical Datum		PLAN AND LONGITUDINAL SECTION	
2016 NEW ZEALAND		MCON	
A1 SCALE	AS SHOWN	A3 SCALE	AS SHOWN
Drawing Number		Revision	
EB-2-D-2-RD-DG-000326		A	

ROADWORK GEOMETRIC DESIGN			
SEART ON-RAMP			
PLAN AND LONGITUDINAL SECTION			
MCON			
Drawing Number		Revision	
EB-2-D-2-RD-DG-000326		A	

ORIGINAL IN COLOUR



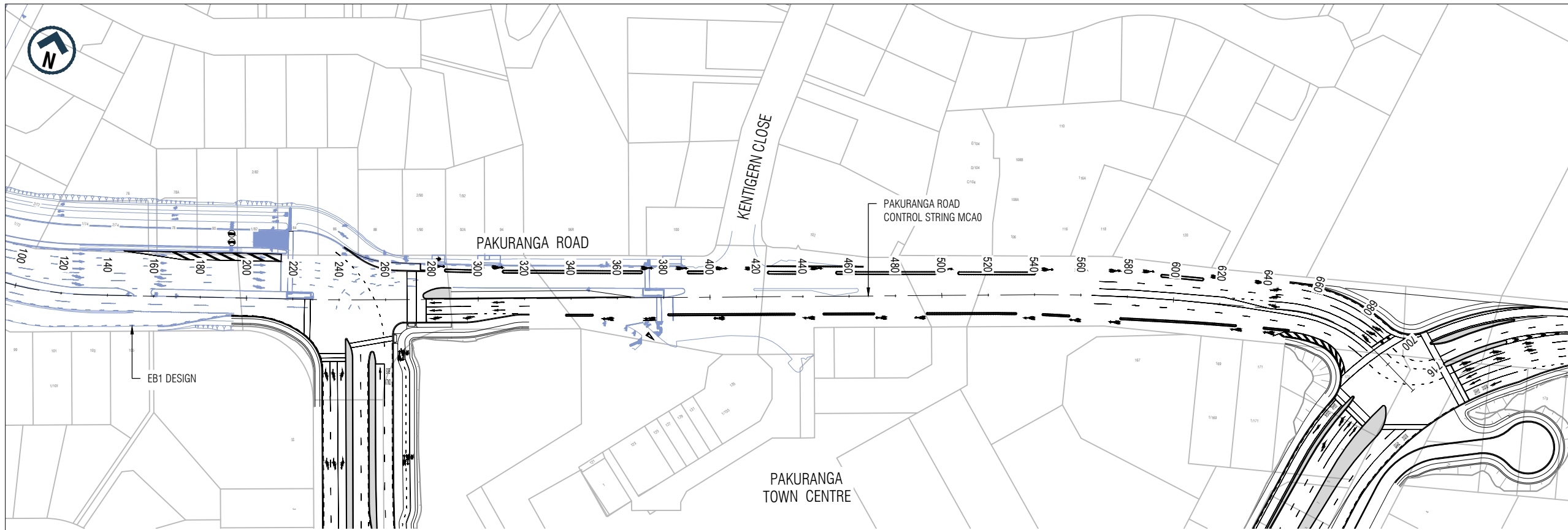
- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

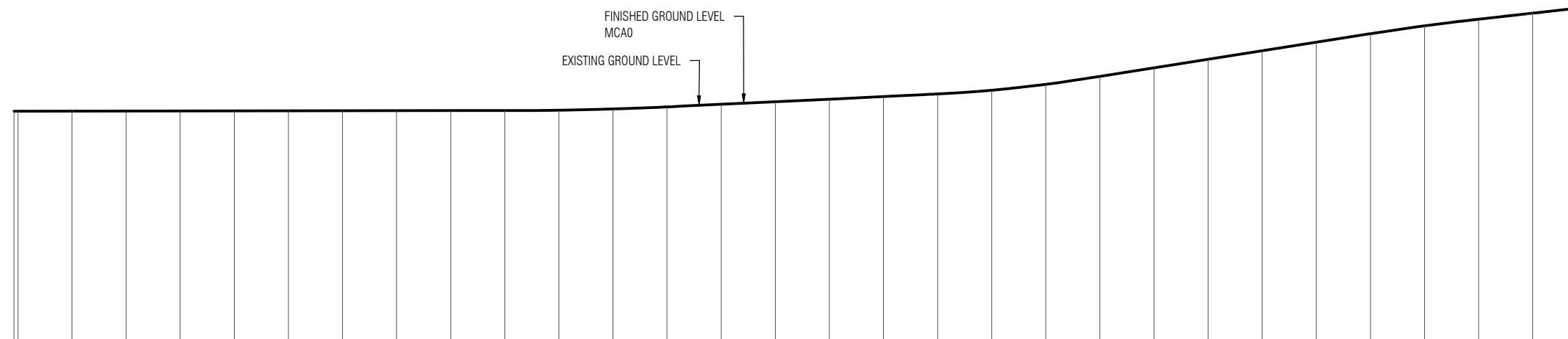
- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE



PLAN - MCAO
Scale 1:1000 (A1) 1:2000 (A3)



DATUM RL -13																																																							
VERTICAL ALIGNMENT		G=0.04% L=188.023										K=45.000 L=51.899				G=1.19% L=100.660				K=20.000 L=54.741				G=-3.93% L=107.986				K=-30.000 L=33.826		G=2.80% L=39.921																									
HORIZONTAL ALIGNMENT		L=95.027		R=1000.000 L=28.148		L=285.029																												R=650.000 L=60.982		L=47.844		R=60.000 L=43.162		L=23.071															
CUT / FILL	0.000 -0.002	-0.029	0.000	-0.005	0.009	-0.073	-0.039	-0.032	-0.022	0.015	0.005	0.004	0.001	-0.011	-0.021	-0.017	-0.025	-0.030	-0.051	-0.021	-0.054	-0.076	-0.037	-0.000	-0.024	-0.023	0.040	0.114	-0.060																										
DESIGN SURFACE LEVELS	9.027 9.026	9.035	9.043	9.050	9.058	9.065	9.072	9.080	9.087	9.095	9.122	9.233	9.433	9.671	9.909	10.147	10.386	10.624	10.970	11.516	12.253	13.038	13.824	14.609	15.395	16.180	16.911	17.513	18.073																										
EXISTING SURFACE LEVELS	9.027 9.026	9.007	9.043	9.045	9.067	8.992	9.034	9.048	9.065	9.110	9.127	9.237	9.434	9.660	9.888	10.130	10.361	10.594	10.919	11.495	12.199	12.962	13.787	14.609	15.371	16.158	16.952	17.627	18.013																										
CHAINAGE	139 140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540	560	580	600	620	640	660	680	700																										

LONGITUDINAL SECTION - MCAO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

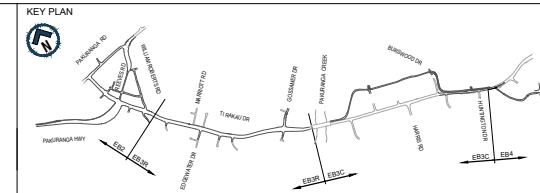
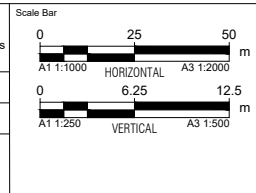
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 6:09:06 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	29/03/2022		

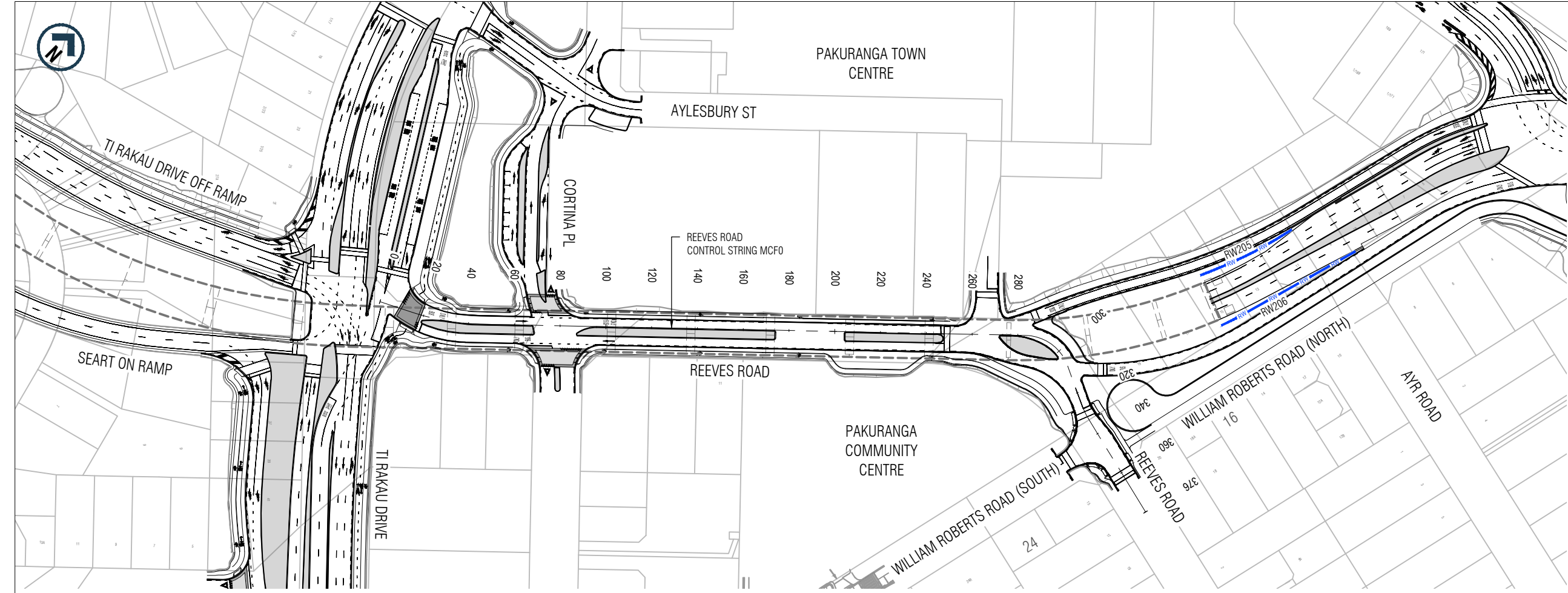


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title PAKURANGA ROAD PLAN AND LONGITUDINAL SECTION MCAO	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-2-RD-DG-000330	
A1 SCALE	AS SHOWN	A3 SCALE	AS SHOWN

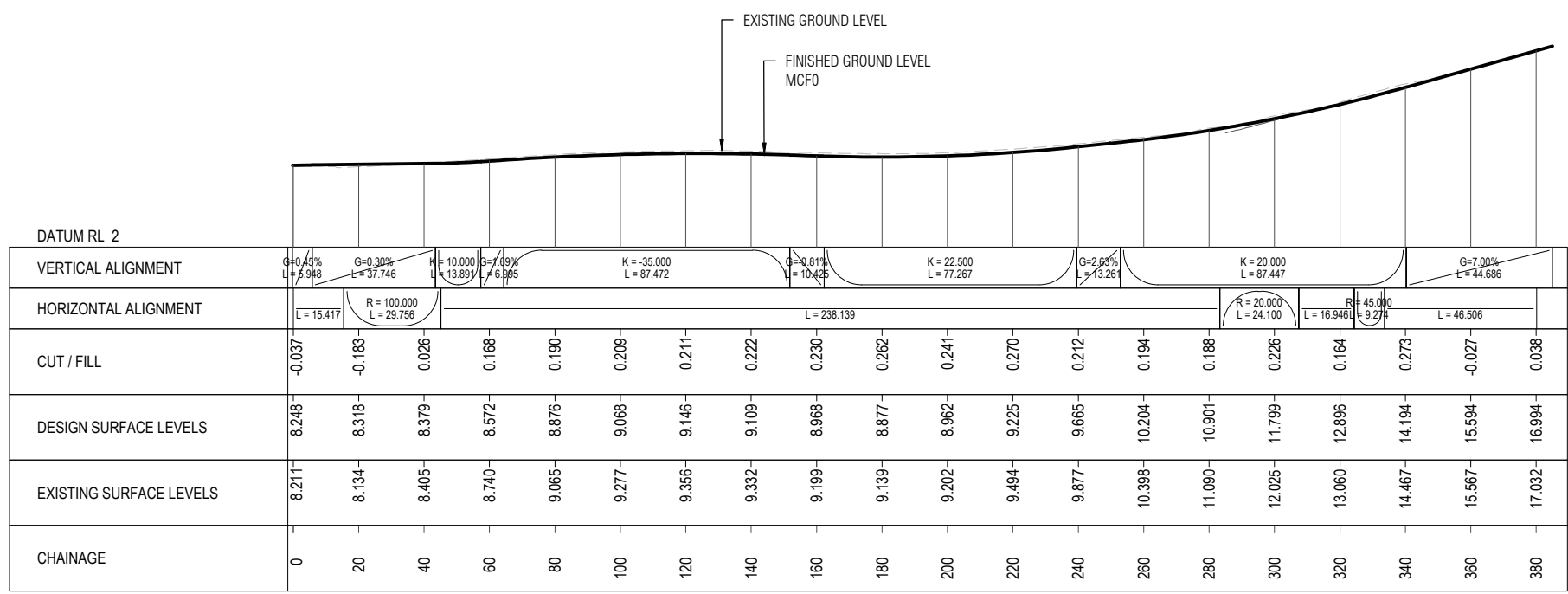
Revision	A
----------	---

ORIGINAL IN COLOUR



- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- PLAN LEGEND:**
- PROPERTY BOUNDARIES
 - ALIGNMENT CONTROL STRING
- LONGITUDINAL SECTION LEGEND:**
- EXISTING SURFACE
 - DESIGN SURFACE

PLAN - MCFO
Scale 1:1000 (A1) 1:2000 (A3)



LONGITUDINAL SECTION - MCFO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

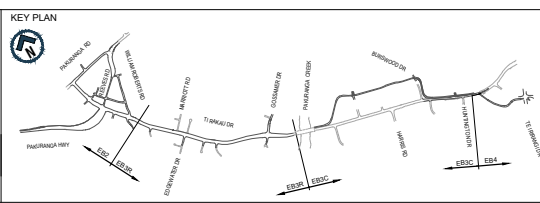
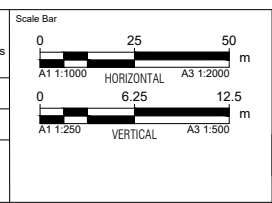
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

File name: EB-2-D-2-RD-DG-000301.DWG
 Plot By: SANTOSMR (3/31/2022 12:48:11 pm)
 ORIGINAL SIZE A1
 ORIGINAL IN COLOUR

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

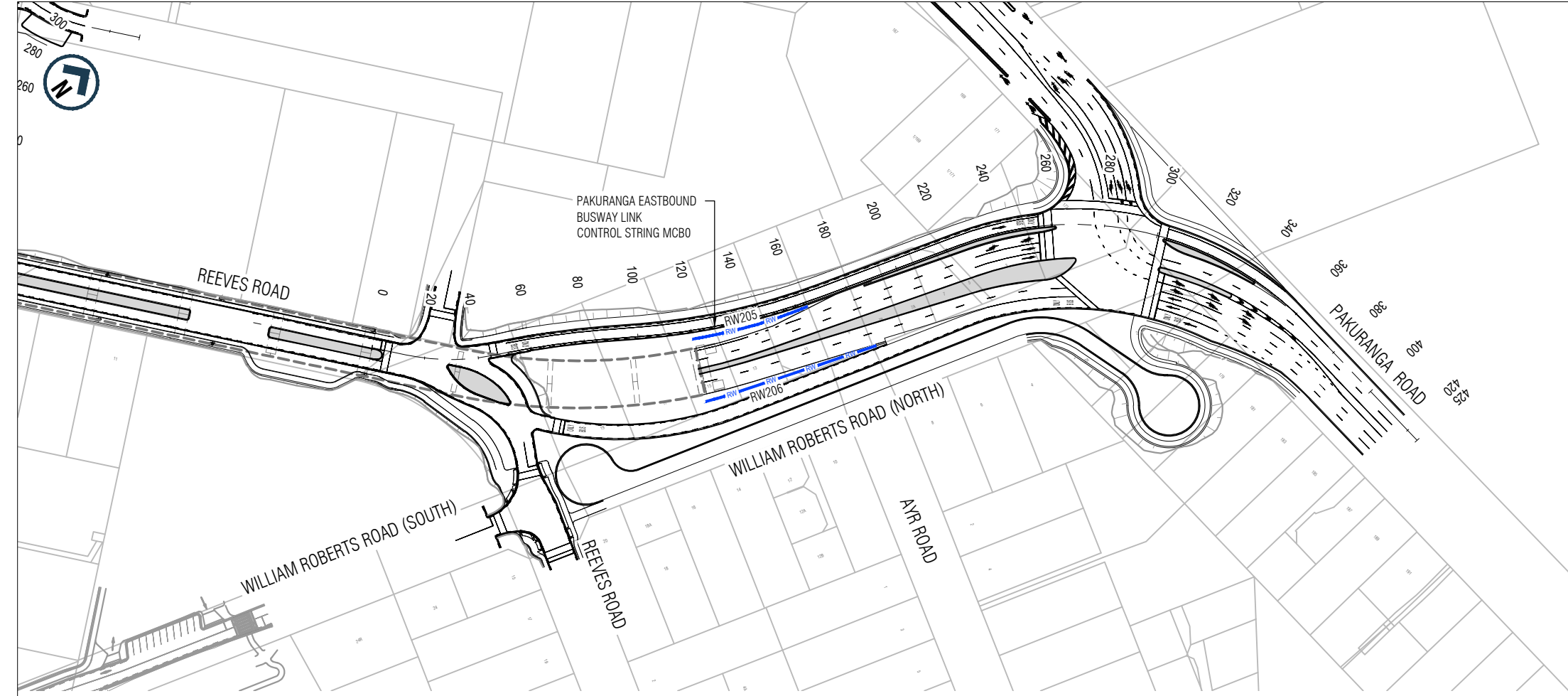
Drawing Status
 Horizontal Datum
 NZGD 2000 MOUNT EDEN CIRCUIT
 Vertical Datum
 2016 NEW ZEALAND

ROADWORK GEOMETRIC DESIGN

Design Title
REEVES ROAD
PLAN AND LONGITUDINAL SECTION
MCFO

Drawing Number
EB-2-D-2-RD-DG-000335

Revision
A



PLAN - MCB0
Scale 1:1000 (A1) 1:2000 (A3)

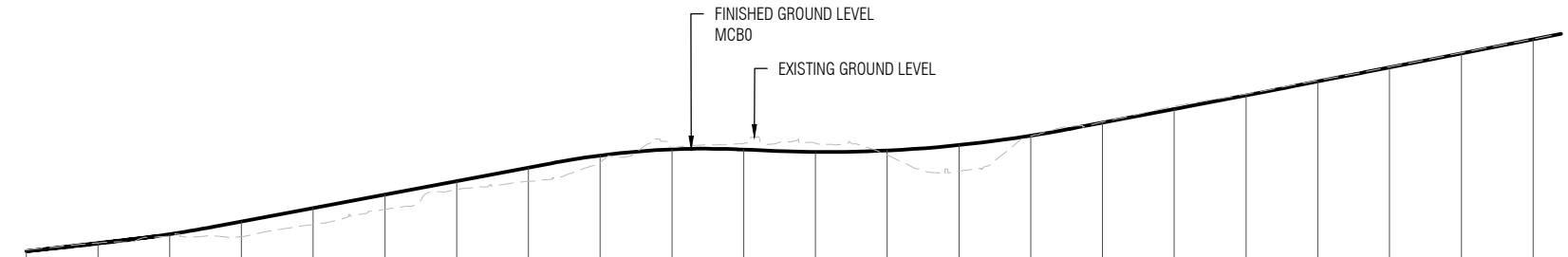
- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE



DATUM RL 7

VERTICAL ALIGNMENT	G=2.88% L=29.917		K=12.000 L=21.773		G=4.70% L=95.186		K=-9.000 L=51.272		G=-1.00% L=10.773		K=14.222 L=81.605		G=4.74% L=29.377		K=293.322 L=29.989		K=293.322 L=20.011		G=4.91% L=57.786			
HORIZONTAL ALIGNMENT	R=80.000 L=31.982		R=320.000 L=36.134		R=250.000 L=69.486		L=54.983		R=120.000 L=139.889		L=59.586											
CUT / FILL	0.099	0.010	-0.140	-1.054	-1.142	-1.028	-0.585	-0.954	-0.487	0.152	0.430	0.597	-0.323	-1.811	-0.044	0.057	0.196	0.089	0.068	0.039	0.038	0.017
DESIGN SURFACE LEVELS	9.869	10.444	11.062	11.943	12.883	13.822	14.761	15.701	16.546	16.973	16.958	16.800	16.896	17.272	17.930	18.838	19.785	20.740	21.708	22.688	23.670	24.651
EXISTING SURFACE LEVELS	9.968	10.454	10.922	10.889	11.741	12.794	14.177	14.747	16.059	17.125	17.388	17.397	16.573	15.461	17.886	18.895	19.982	20.828	21.776	22.727	23.708	24.668
CHAINAGE	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420

LONGITUDINAL SECTION - MCB0
Scale HOR 1:1000 (A1) VER 1:250 (A1)

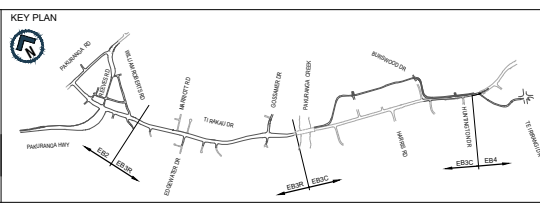
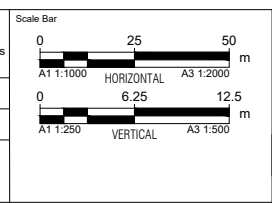
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

File name: EB-2-D-2-RD-DG-000301.DWG
 Plot By: SANTOSMR (3/31/2022 12:48:11 pm)
 ORIGINAL SIZE A1
 ORIGINAL IN COLOUR

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

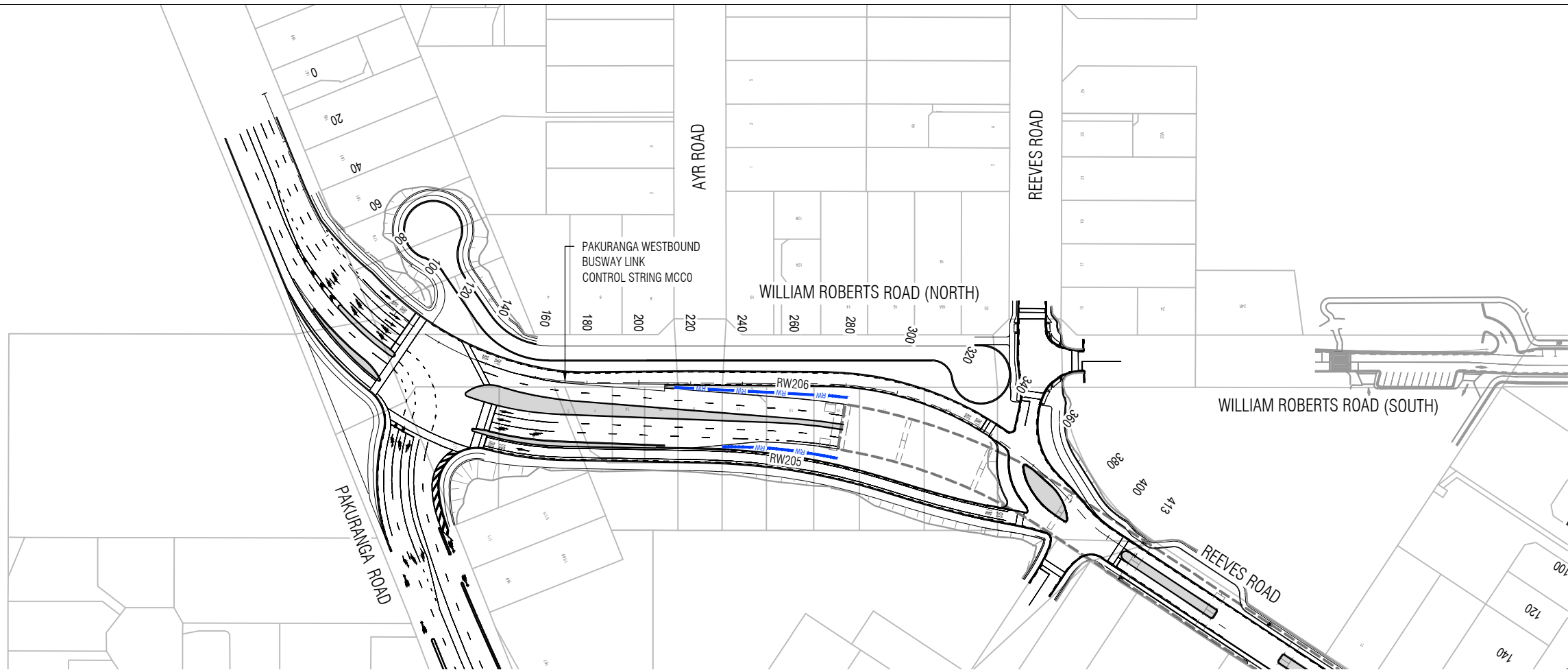
Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	AS SHOWN
A3 SCALE	AS SHOWN

ROADWORK GEOMETRIC DESIGN	
Drawing Title PAKURANGA EASTBOUND BUSWAY LINK PLAN AND LONGITUDINAL SECTION MCB0	
Drawing Number	EB-2-D-2-RD-DG-000340
Revision	A



PLAN - MCCO
Scale 1:1000 (A1) 1:2000 (A3)

NOTES:

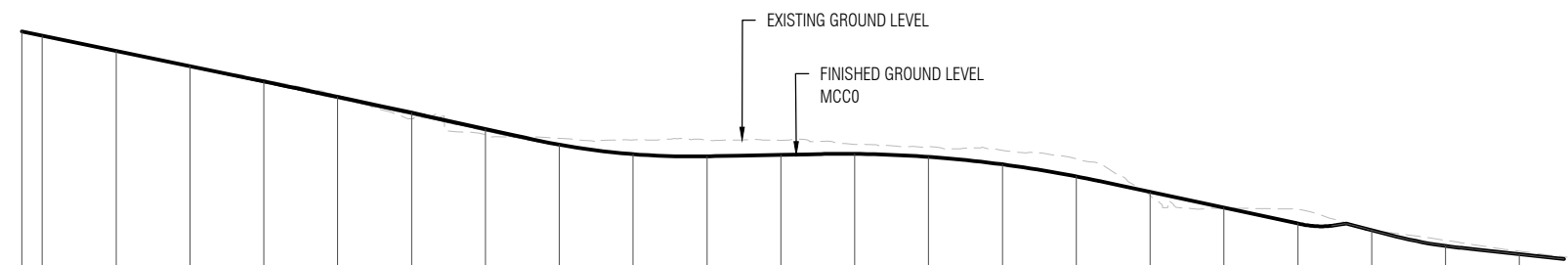
- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE



DATUM RL 7																							
VERTICAL ALIGNMENT		G=-5.15% L=74.239		K=-100.000 L=34.656		G=-5.50% L=28.324		K=8.000 L=48.000		G=0.50% L=30.657		K=-13.000 L=75.741		G=-5.33% L=54.776		K=1.000 L=9.800		G=-6.52% L=12.189		K=4.714 L=17.929		G=-2.72% L=28.855	
HORIZONTAL ALIGNMENT		L=39.979		R=120.000 L=140.875						L=90.119		R=120.000 L=74.426		L=8.216		R=120.000 L=31.108		R=50.000 L=15.116		L=12.964			
CUT / FILL		-0.047	-0.018	0.003	0.115	0.059	-0.411	-0.370	0.421	0.961	1.105	0.987	0.642	0.671	0.946	1.187	-0.233	-0.043	0.971	-0.016	0.389	0.206	
DESIGN SURFACE LEVELS		24.966	23.936	22.905	21.874	20.837	19.764	18.664	17.606	16.960	16.813	16.913	16.979	16.779	16.271	15.456	14.406	13.341	12.275	11.823	10.749	10.194	
EXISTING SURFACE LEVELS		24.919	23.917	22.908	21.989	20.896	19.353	18.294	18.027	17.921	17.918	17.901	17.621	17.449	17.217	16.643	14.172	13.298	13.247	11.808	11.137	10.401	
CHAINAGE		0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	

LONGITUDINAL SECTION - MCCO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

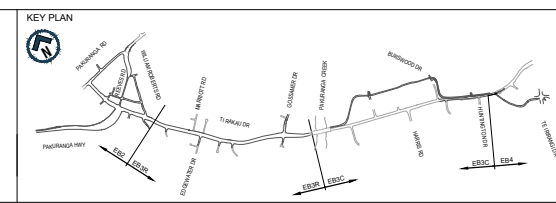
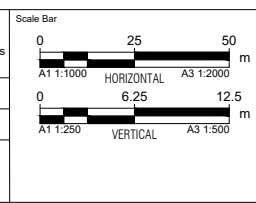
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

File name: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 12:48:11 pm)

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing.

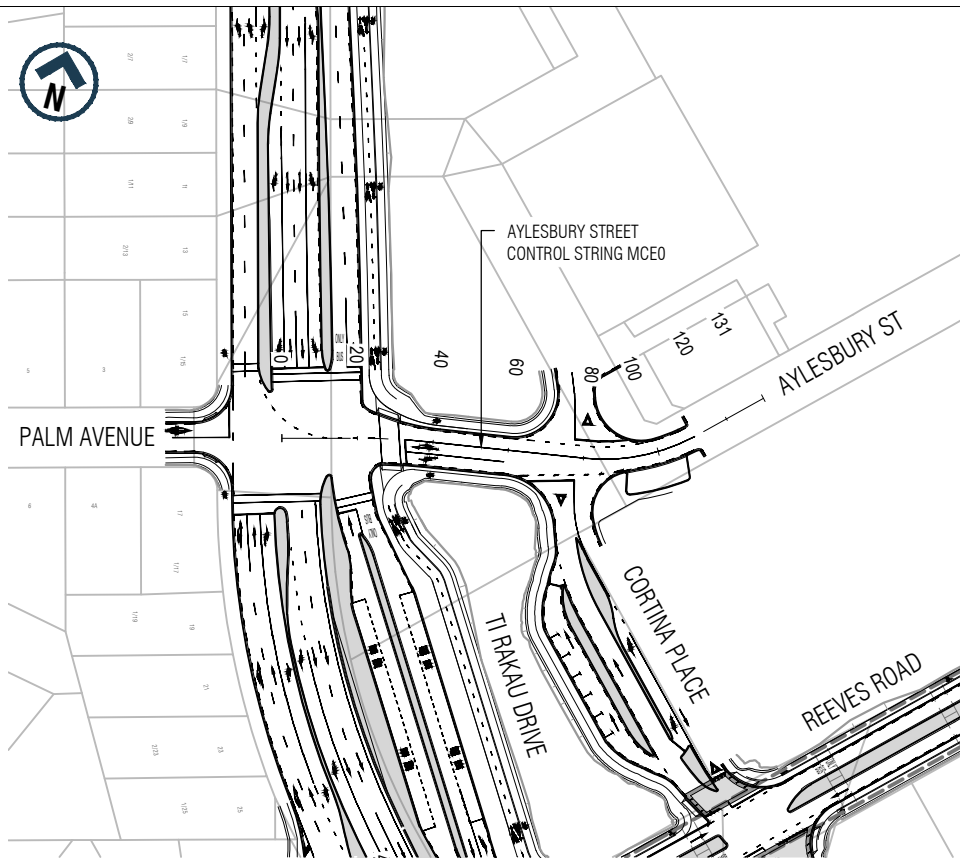


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

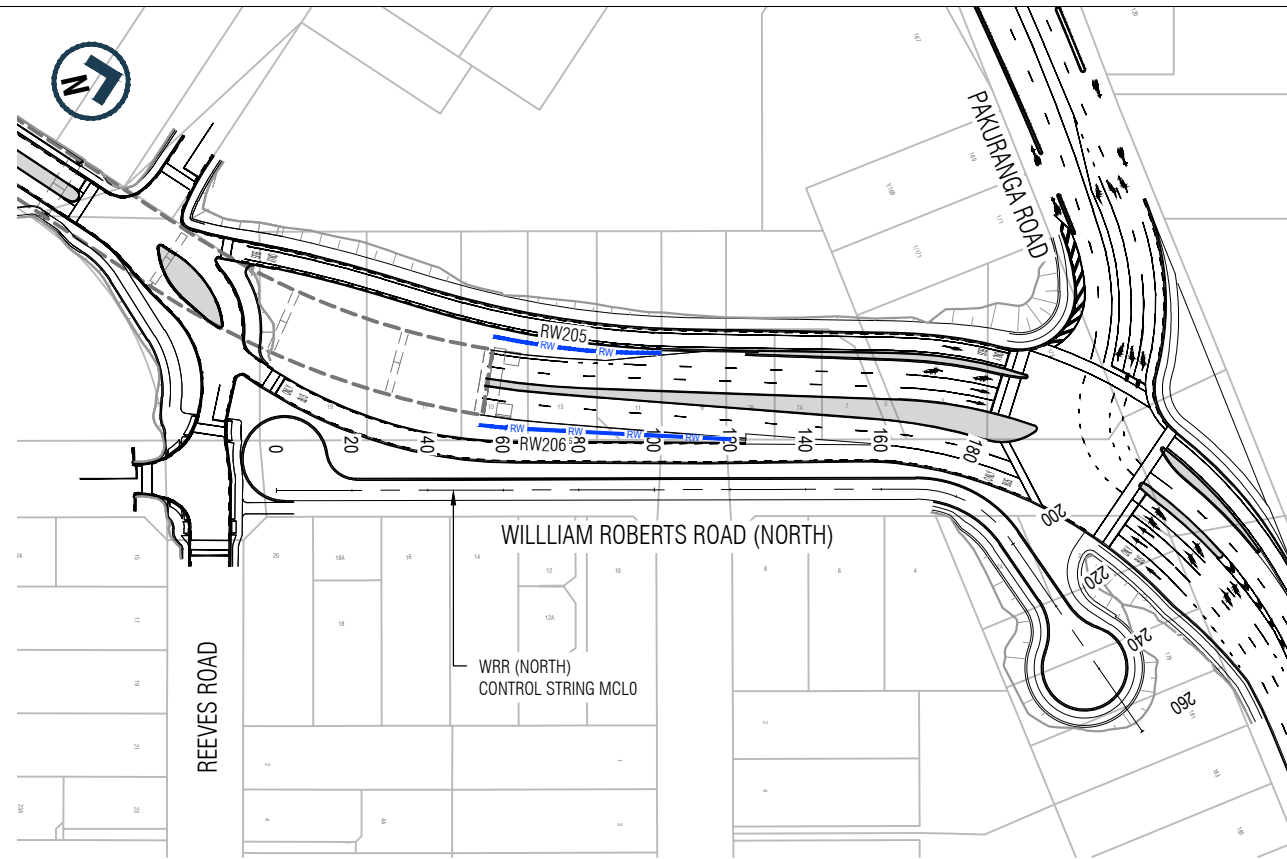
Drawing Status	Horizontal Datum
2016 NEW ZEALAND	NZGD 2000 MOUNT EDEN CIRCUIT
A1 SCALE AS SHOWN	A3 SCALE AS SHOWN

Design Package	Revision
ROADWORK GEOMETRIC DESIGN	A
Drawing Title	Drawing Number
PAKURANGA WESTBOUND BUSWAY LINK PLAN AND LONGITUDINAL SECTION MCCO	EB-2-D-2-RD-DG-000341

ORIGINAL IN COLOUR



PLAN - MCEO
Scale 1:1000 (A1) 1:2000 (A3)



PLAN - MCLO
Scale 1:1000 (A1) 1:2000 (A3)

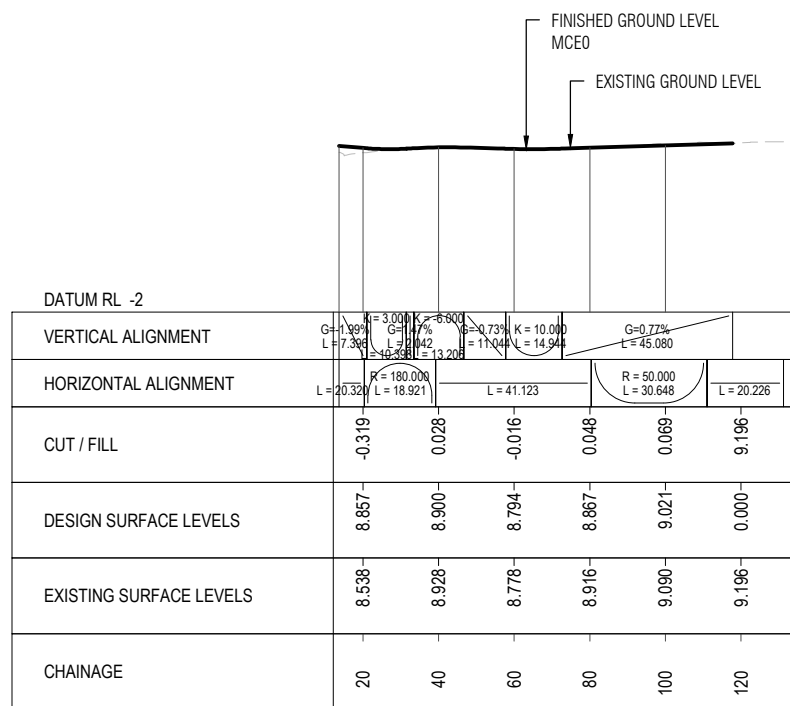
- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

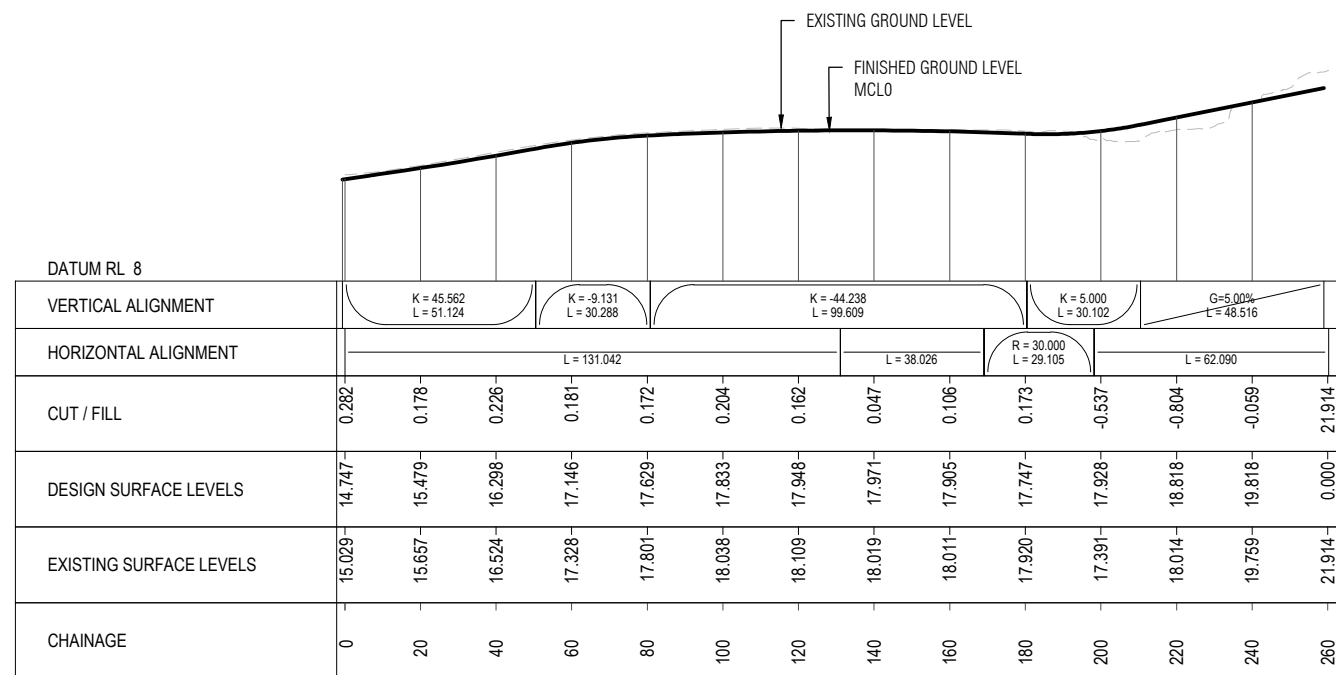
- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

- EXISTING SURFACE
- DESIGN SURFACE



LONGITUDINAL SECTION - MCEO
Scale HOR 1:1000 (A1) VER 1:250 (A1)



LONGITUDINAL SECTION - MCLO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

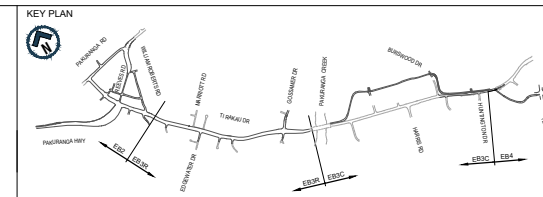
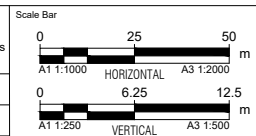
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 12:48:11 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones		
Date	29/03/2022	Approver Signature	



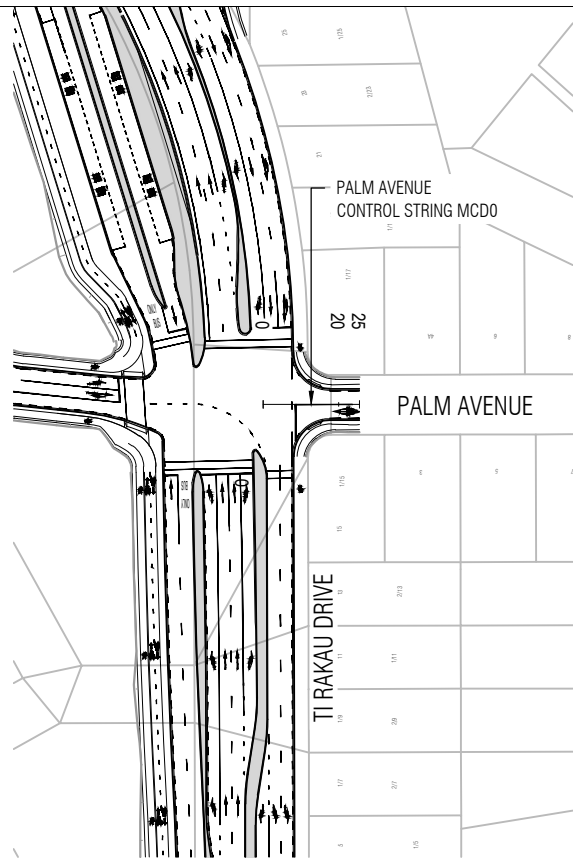
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)



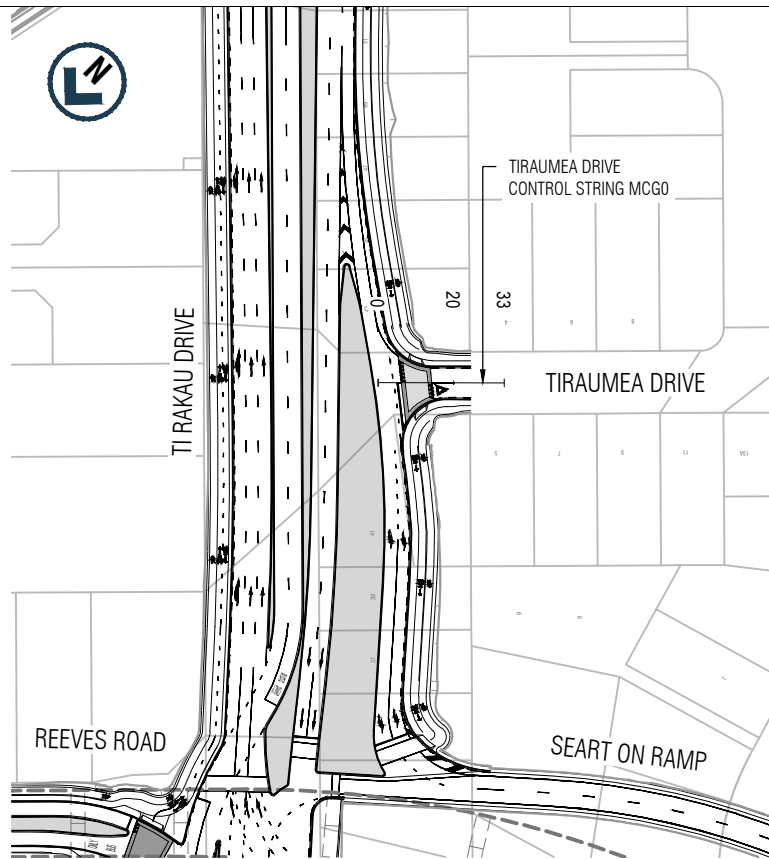
Drawing Status		Design Package	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT	Drawing Title	
Vertical Datum	2016 NEW ZEALAND	AYLESBURY STREET, WRR (NORTH) PLAN AND LONGITUDINAL SECTION MCEO, MCLO	
A1 SCALE	AS SHOWN	A3 SCALE	AS SHOWN

Drawing Number	EB-2-D-2-RD-DG-000345	Revision	A
----------------	-----------------------	----------	---

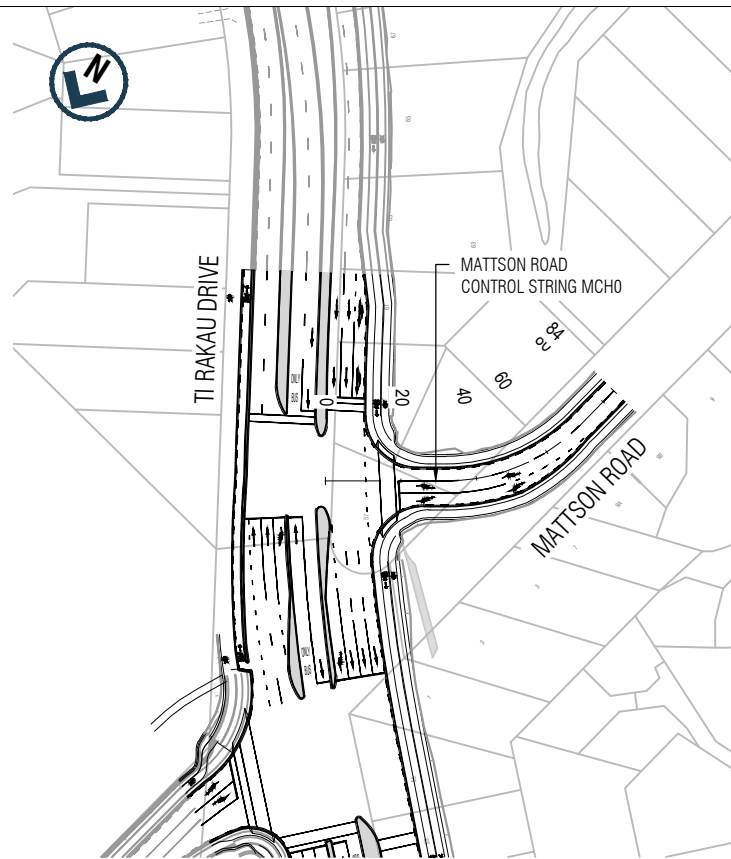
ORIGINAL IN COLOUR



PLAN - MCDO
Scale 1:1000 (A1) 1:2000 (A3)



PLAN - MCGO
Scale 1:1000 (A1) 1:2000 (A3)



PLAN - MCHO
Scale 1:1000 (A1) 1:2000 (A3)

- NOTES:
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

— — — — — PROPERTY BOUNDARIES
 - - - - - ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

— — — — — EXISTING SURFACE
 ————— DESIGN SURFACE

EXISTING GROUND LEVEL
 FINISHED GROUND LEVEL MCDO

DATUM RL -3			
VERTICAL ALIGNMENT	G=-2.100% K=3.000 L=6.182	G=-1.100% K=1.000 L=2.117	G=-0.44% K=4.000 L=3.719
HORIZONTAL ALIGNMENT	L = 25.476		
CUT / FILL	-0.015	0.001	
DESIGN SURFACE LEVELS	8.584	8.451	
EXISTING SURFACE LEVELS	8.569	8.453	
CHAINAGE	0	20	

LONGITUDINAL SECTION - MCDO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

FINISHED GROUND LEVEL MCGO
 EXISTING GROUND LEVEL

DATUM RL -3			
VERTICAL ALIGNMENT	G=-2.92% K=7.000 L=5.064	G=-7.00% K=8.750 L=8.750	G=-0.85% K=11.269 L=11.269
HORIZONTAL ALIGNMENT	L = 33.358		
CUT / FILL	-0.600	-0.002	
DESIGN SURFACE LEVELS	8.600	8.379	
EXISTING SURFACE LEVELS	9.000	8.377	
CHAINAGE	0	20	

LONGITUDINAL SECTION - MCGO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

EXISTING GROUND LEVEL
 FINISHED GROUND LEVEL MCHO

DATUM RL -3					
VERTICAL ALIGNMENT	G=-0.99% K=30.000 L=45.145	G=0.12% K=26.013 L=26.013	G=-0.12% K=11.822 L=11.822		
HORIZONTAL ALIGNMENT	L = 31.913	R = 50.000 L = 39.657	L = 12.48		
CUT / FILL	0.374	0.257	0.070	-0.019	-0.001
DESIGN SURFACE LEVELS	8.571	8.384	8.187	8.021	7.973
EXISTING SURFACE LEVELS	8.945	8.641	8.257	8.002	7.972
CHAINAGE	1	20	40	60	80

LONGITUDINAL SECTION - MCHO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

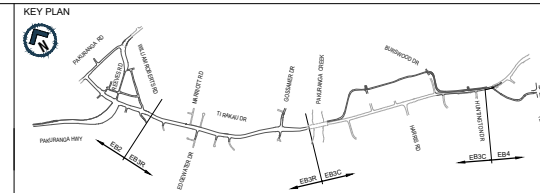
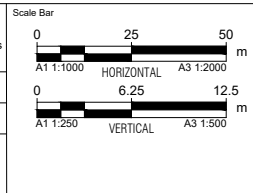
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (3/31/2022 12:48:11 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones		
Date	29/03/2022	Approver Signature	

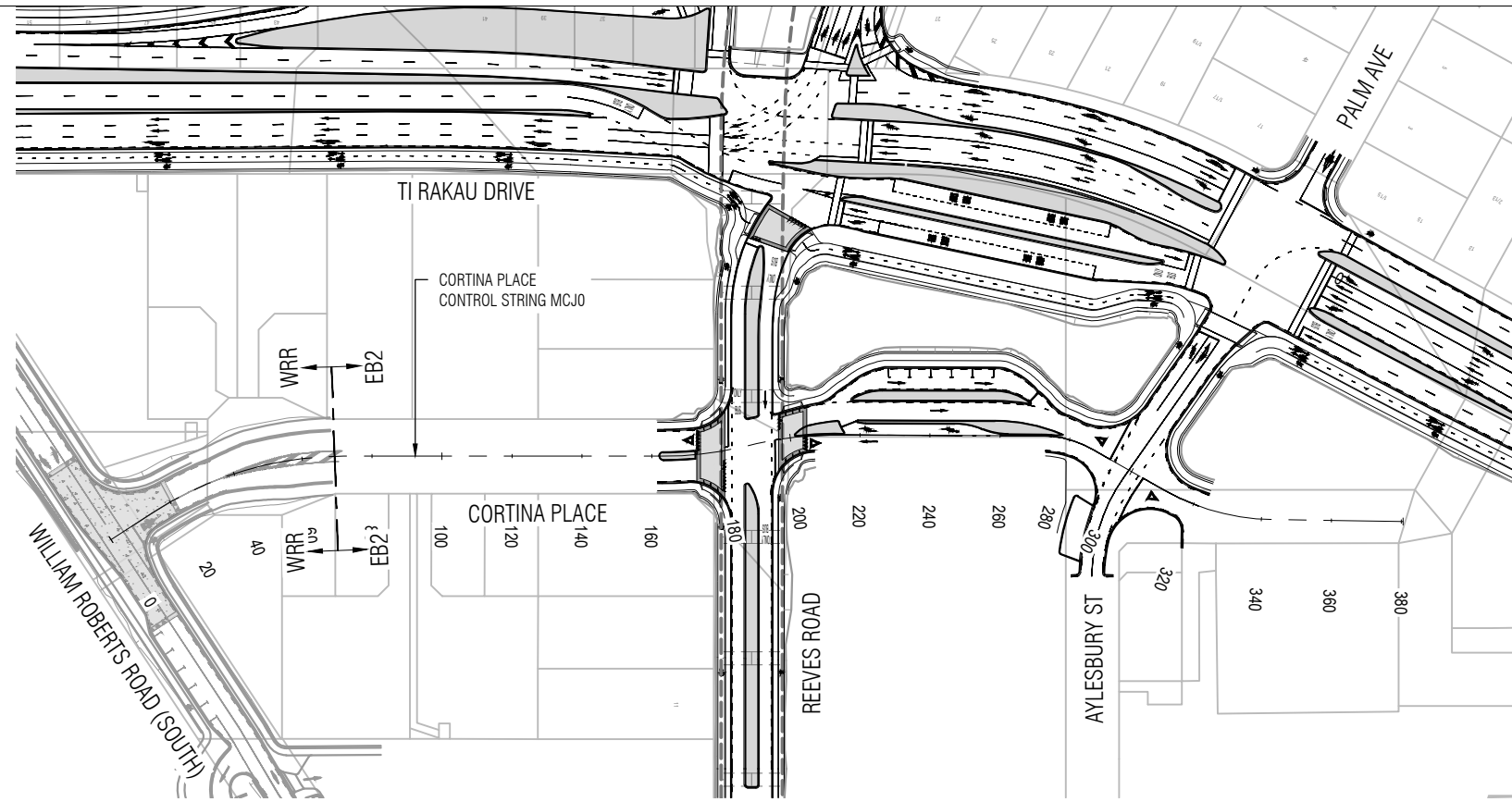


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
 EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	AS SHOWN
A3 SCALE	AS SHOWN

Design Package	
ROADWORK GEOMETRIC DESIGN	
Drawing Title	
PALM AVE, TIRAUMEA DR, MATTSON RD PLAN AND LONGITUDINAL SECTION MCDO, MCGO, MCHO	
Drawing Number	EB-2-D-2-RD-DG-000350
Revision	A

ORIGINAL IN COLOUR



PLAN - MCJO
Scale 1:1000 (A1) 1:2000 (A3)

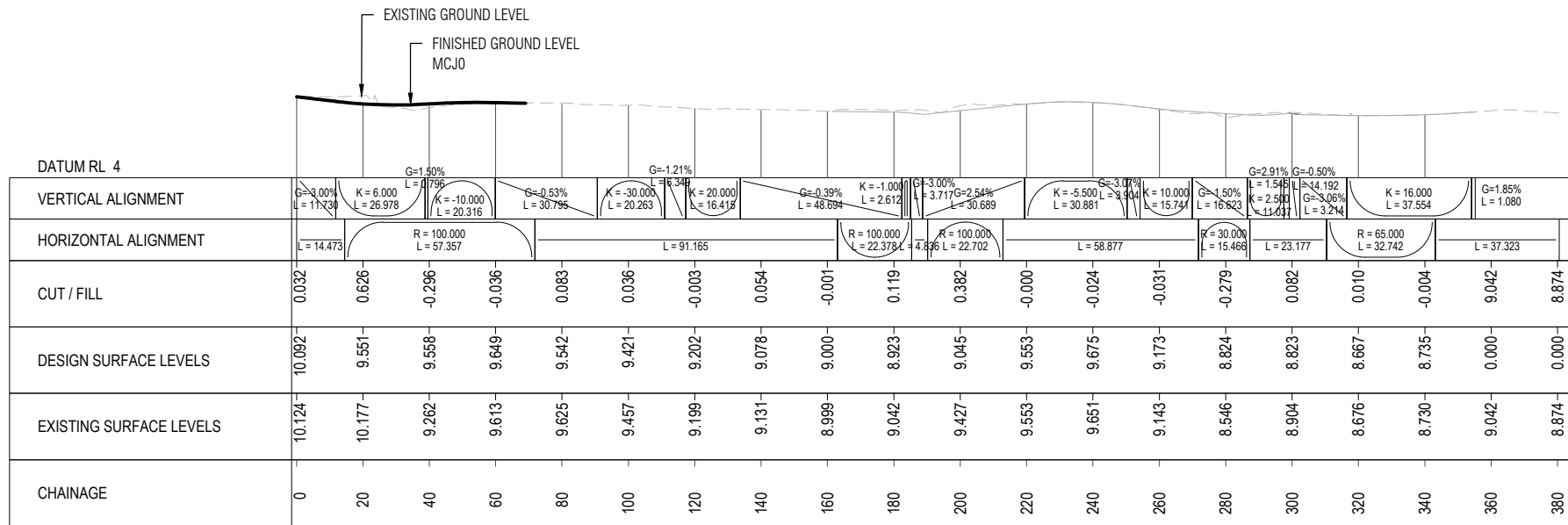
- NOTES:**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

— — — — — PROPERTY BOUNDARIES
 - - - - - ALIGNMENT CONTROL STRING

LONGITUDINAL SECTION LEGEND:

— — — — — EXISTING SURFACE
 ————— DESIGN SURFACE



LONGITUDINAL SECTION - MCJO
Scale HOR 1:1000 (A1) VER 1:250 (A1)

PACKAGE No. 2RD-00

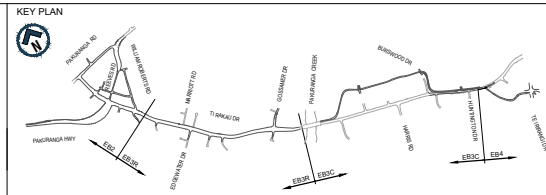
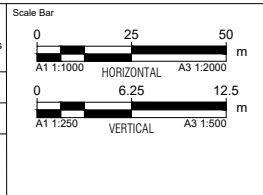
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000301.DWG Plot By: SANTOSMR (4/11/2022 6:20:04 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	M. Santos	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION



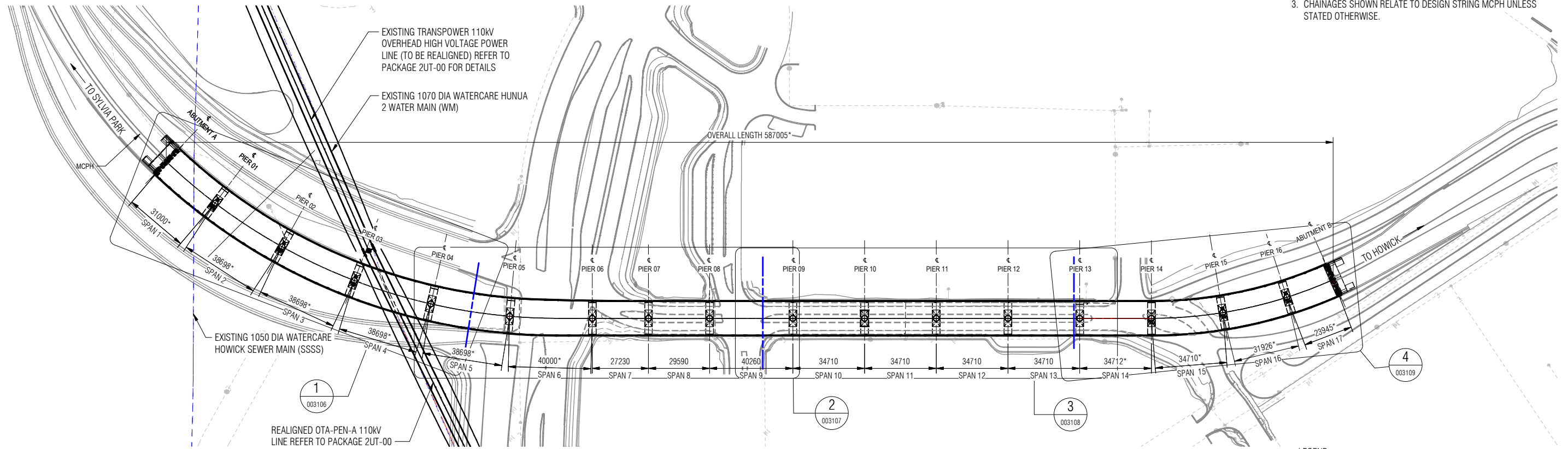
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	Horizontal Datum	Vertical Datum
2016 NEW ZEALAND	NZGD 2000 MOUNT EDEN CIRCUIT	2016 NEW ZEALAND
A1 SCALE AS SHOWN	A3 SCALE AS SHOWN	

Design Package	Drawing Title	Revision
ROADWORK GEOMETRIC DESIGN	CORTINA PLACE PLAN AND LONGITUDINAL SECTION MCJO	A
Drawing Number	EB-2-D-2-RD-DG-000355	

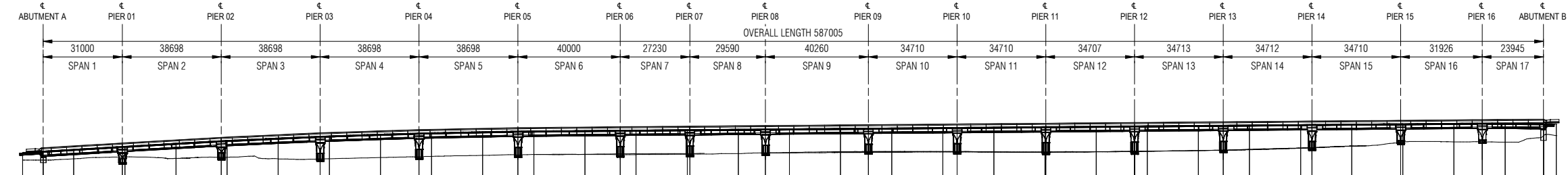
ORIGINAL IN COLOUR

- NOTES**
- REFER TO DRAWINGS EB-2-D-0-ST-DG-203005 TO 203009 FOR GENERAL NOTES.
 - ONLY SIGNIFICANT EXISTING UTILITIES ARE SHOWN. FOR FULL SERVICE DETAILS REFER TO THE UTILITIES DRAWINGS IN PACKAGE 2UT-00.
 - CHAINAGES SHOWN RELATE TO DESIGN STRING MCPH UNLESS STATED OTHERWISE.



LEGEND
* LENGTH MEASURED ALONG DESIGN STRING MCPH

PLAN
SCALE: 1 : 1000 (A1) 1:2000 (A3)



	15700	15706.000	15720	15736.000	15740	15760	15777.688	15780	15800	15816.396	15820	15833.792	15840	15860	15880	15893.792	15900	15920	15933.792	15940	15960	15961.022	15980	15993.612	16000	16020	16033.872	16040	16060	16065.582	16080	16100	16120	16135.002	16140	16160	16168.712	16180	16200	16204.422	16220	16229.132	16240	16260	16271.088	16280	16295.003	16300
PROPOSED LEVEL		9.529	10.25	11.389	11.45	12.64	13.608	13.73	14.68	15.360	15.50	16.13	16.14	16.613	17.16	17.367	17.44	17.62	17.733	17.78	17.958	18.12	18.204	18.28	18.45	18.538	18.61	18.78	18.826	18.95	19.11	19.114	19.28	19.401	19.44	19.61	19.689	19.77	19.94	19.977	20.11	20.265	20.27	20.44	20.513	20.51	20.314	
EXISTING LEVEL	5.98	6.046	6.50	7.275	7.30	6.89	7.107	7.14	6.50	6.460	6.55	7.02	7.49	7.87	8.088	8.18	8.23	8.166	8.18	8.337	8.58	8.873	9.02	9.32	9.404	9.38	9.41	9.409	9.28	9.22	9.219	9.21	9.344	9.41	9.75	9.968	10.24	10.74	10.862	11.44	13.050	13.17	13.17	13.166	13.06	15.517		
CHAINAGE	15700	15706.000	15720	15736.000	15740	15760	15777.688	15780	15800	15816.396	15820	15833.792	15840	15860	15880	15893.792	15900	15920	15933.792	15940	15960	15961.022	15980	15993.612	16000	16020	16033.872	16040	16060	16065.582	16080	16100	16120	16135.002	16140	16160	16168.712	16180	16200	16204.422	16220	16229.132	16240	16260	16271.088	16280	16295.003	

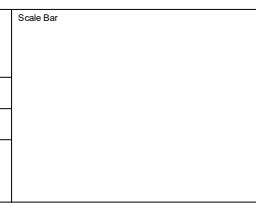
ELEVATION
SCALE: 1 : 1000 (A1) 1:2000 (A3)

Filename: BIM_360/CI/APAC (NZ) 6064413-Eastern Busway 23/EB-2-D-ST-DG-003100.rvt

ORIGINAL SIZE A1

Designed	T. Fu	Checked	P. Corbett
Drawn	C. Moody	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	15/04/2022		

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1 : 1000
A3 SCALE	1:2000

PACKAGE NO. 2ST-00

NOT FOR CONSTRUCTION

REEVES ROAD FLYOVER

GENERAL ARRANGEMENT OVERALL PLAN
PLAN AND ELEVATION

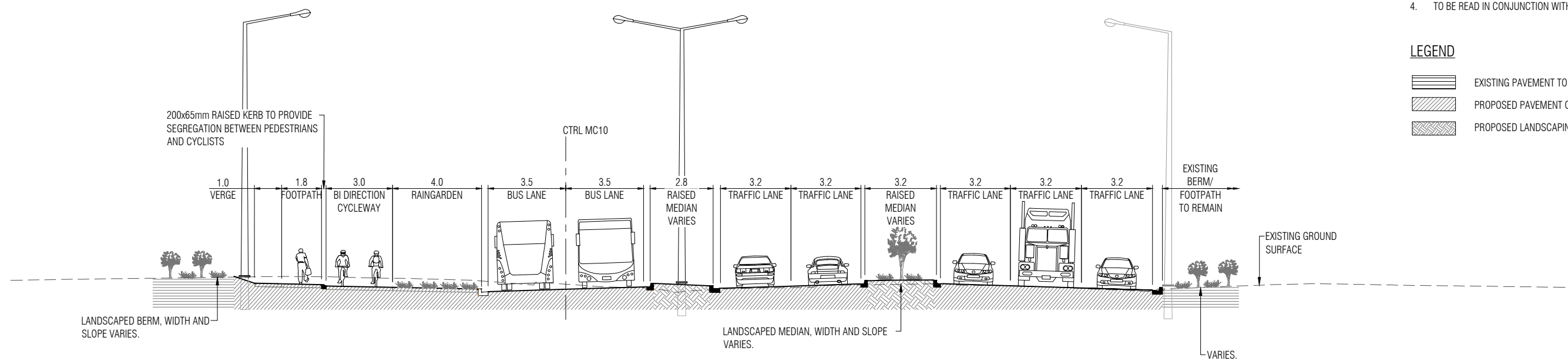
Drawing Number: EB-2-D-2-ST-DG-003105

Revision: A

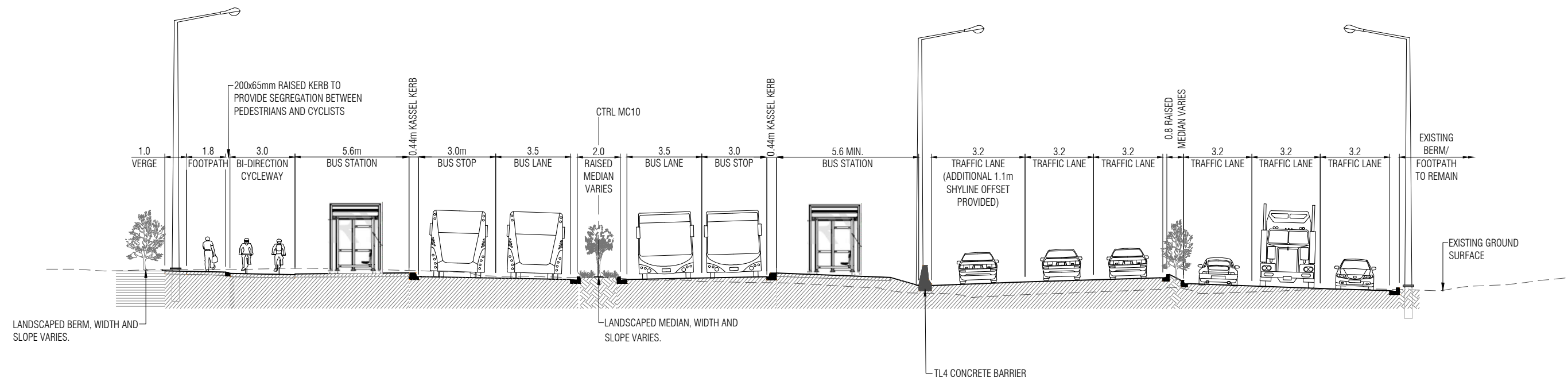


- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS.
 - TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS.

- LEGEND**
- EXISTING PAVEMENT TO REMAIN
 - PROPOSED PAVEMENT CONSTRUCTION
 - PROPOSED LANDSCAPING



A | TI RAKAU DR. - CH. 10060
000101 Scale 1:100 (A1) / 1:200 (A3)



B | TI RAKAU DR. - CH. 10300
000101 Scale 1:100 (A1) / 1:200 (A3)

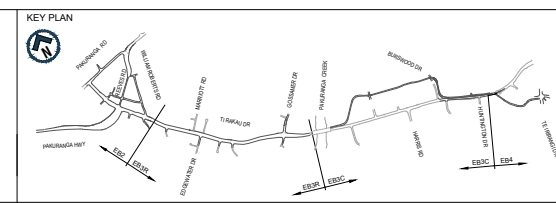
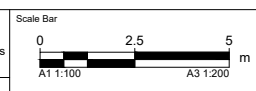
PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1
Filename: EB-2-D-2-RD-DG-000401.DWG
Plot By: SANTOSMR (4/11/2022 12:08:08 pm)

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION

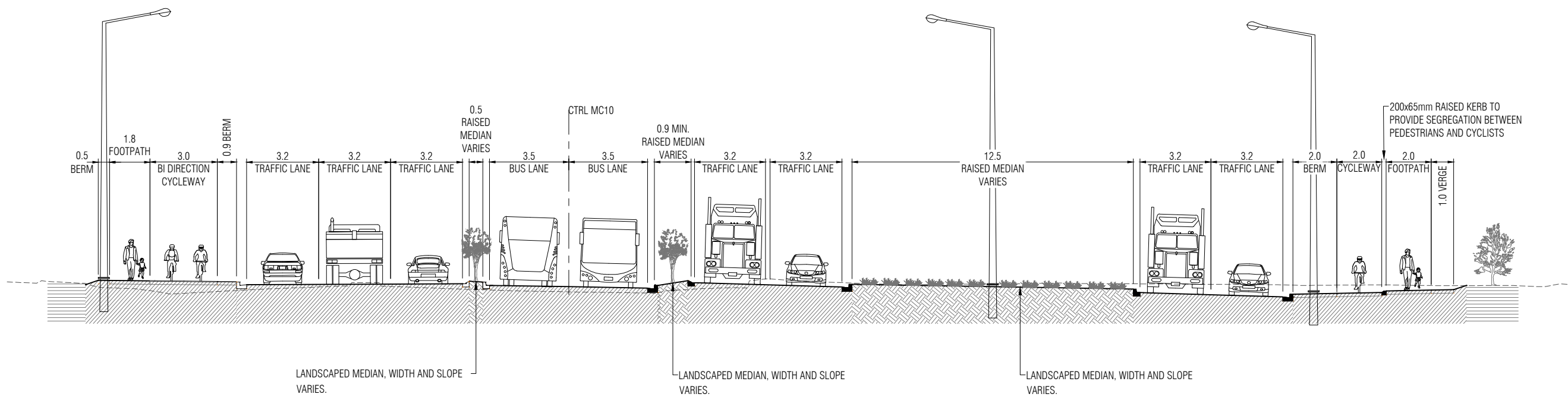


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		TI RAKAU DRIVE	
Vertical Datum		SHEET 1 OF 2	
2016 NEW ZEALAND		Drawing Number	
A1 SCALE	1:100	A3 SCALE	1:200
		EB-2-D-2-RD-DG-000401	
		Revision	
		A	

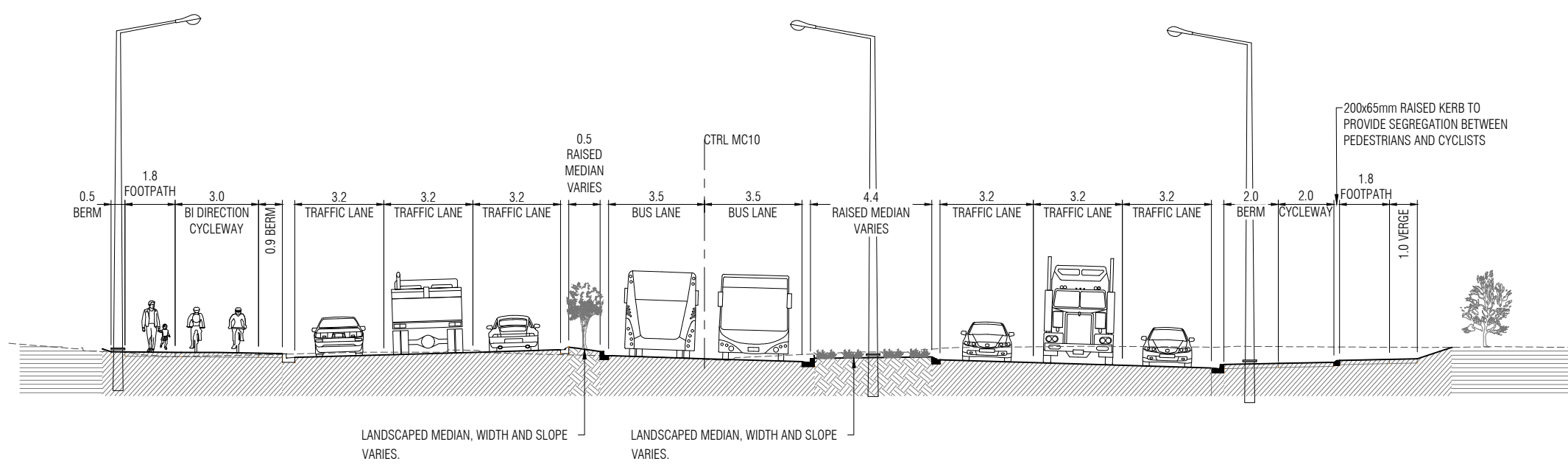
ORIGINAL IN COLOUR

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS.
 - TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS.



C | TI-RAKAU DR. - CH. 10460
000102 Scale 1:100 (A3) / 1:200 (A3)

- LEGEND**
- EXISTING PAVEMENT TO REMAIN
 - PROPOSED PAVEMENT CONSTRUCTION
 - PROPOSED LANDSCAPING



D | TI-RAKAU DR. - CH. 10600
000102 Scale 1:100 (A3) / 1:200 (A3)

PACKAGE No. 2RD-00

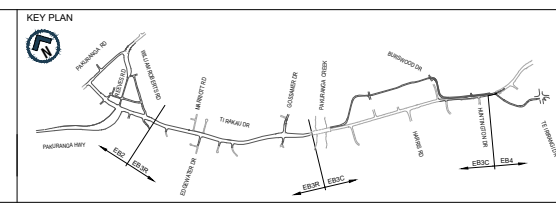
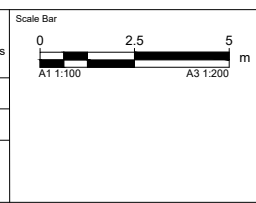
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000402.DWG Plot By: SANTOSMR (4/11/2022 12:28:19 pm)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	29/03/2022	Approver Signature	



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		TI RAKAU DRIVE	
Vertical Datum		TYPICAL CROSS SECTIONS	
2016 NEW ZEALAND		SHEET 2 OF 2	
A1 SCALE	1:100	A3 SCALE	1:200
Drawing Number		Revision	
EB-2-D-2-RD-DG-000402		A	

ORIGINAL IN COLOUR

Filename: EB-2-D-2-RD-DG-000421.DWG Plot By: SANTOSMR (3/29/2022 5:10:00 pm)




ORIGINAL SIZE A1

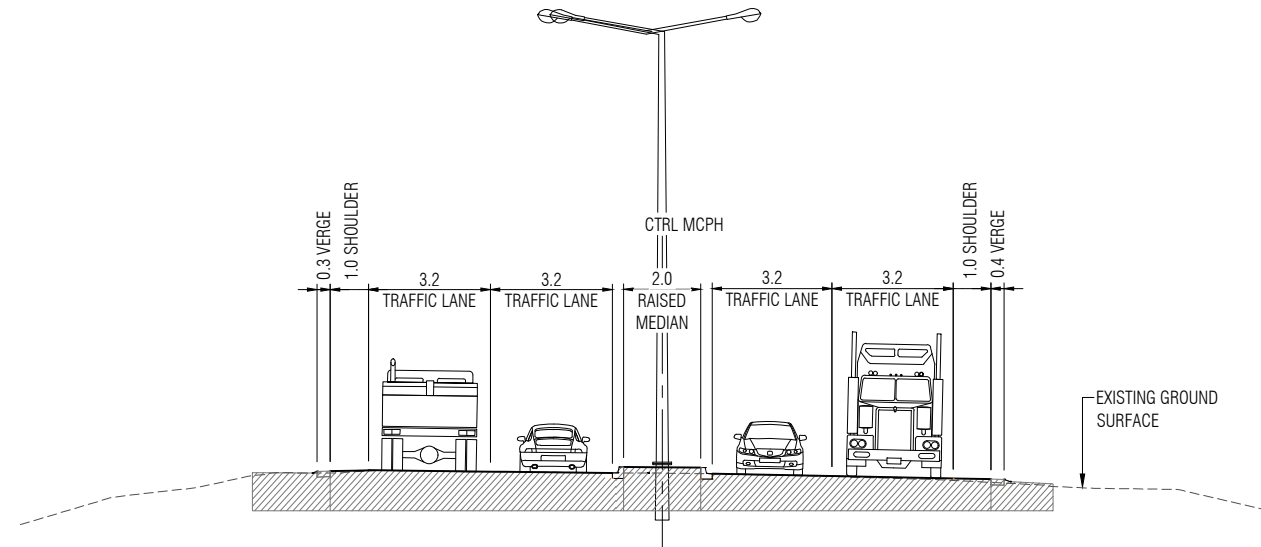
ORIGINAL IN COLOUR

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS.
- TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS.

LEGEND

-  EXISTING PAVEMENT TO REMAIN
-  PROPOSED PAVEMENT CONSTRUCTION
-  PROPOSED LANDSCAPING

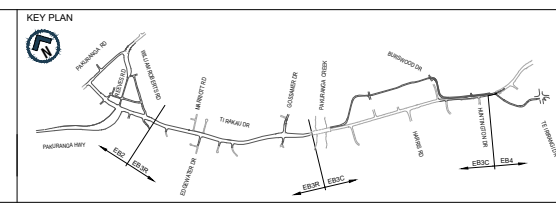
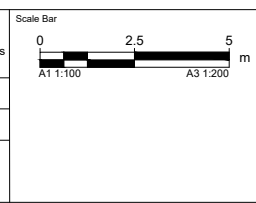


F | PAKURANGA HIGHWAY - CH. 15430
000102 | Scale 1:100 (A3) / 1:200 (A3)

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	D. deAbrew	Checked	D. Angus
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	29/03/2022		
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

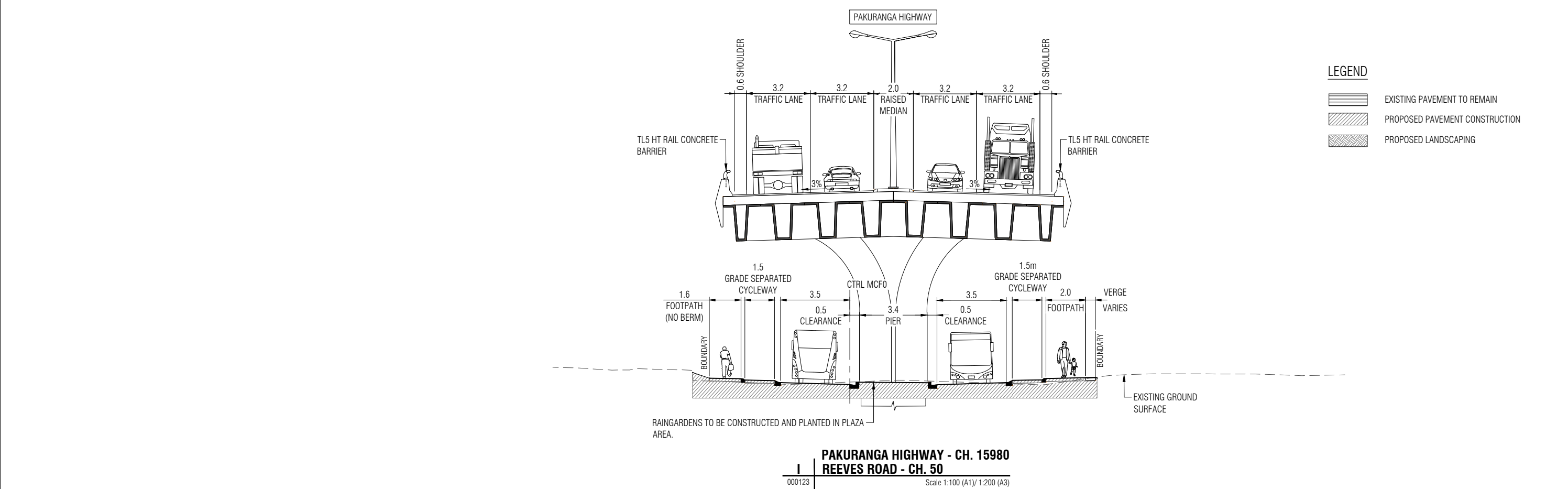
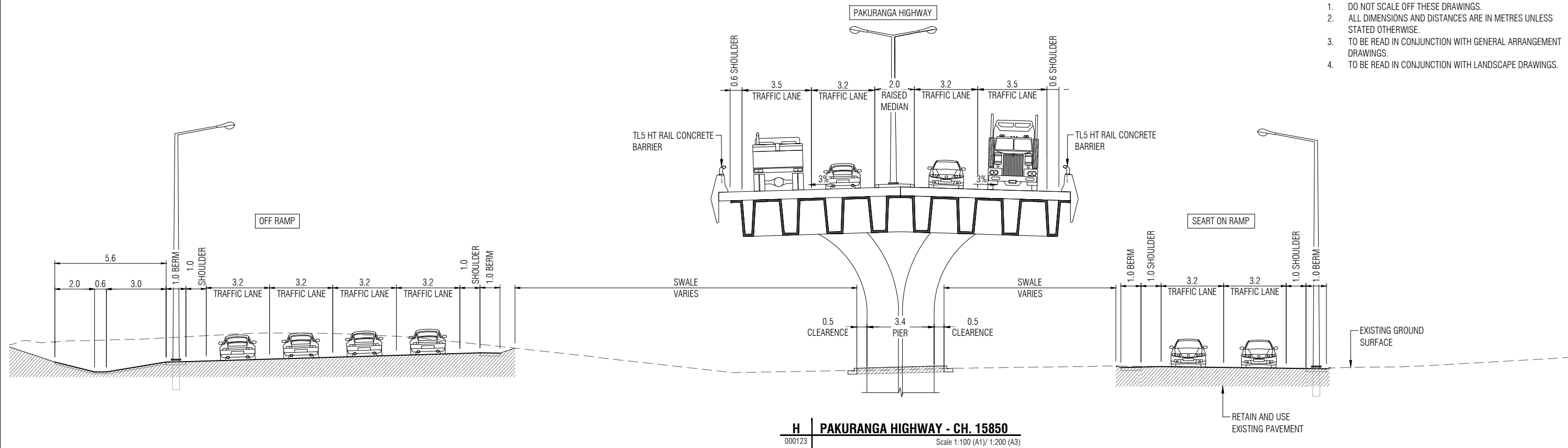


Eastern Busway

Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		PAKURANGA HIGHWAY TYPICAL CROSS SECTIONS SHEET 1 OF 3	
Vertical Datum		Drawing Number	
2016 NEW ZEALAND		EB-2-D-2-RD-DG-000421	
A1 SCALE	1:100	A3 SCALE	1:200

Revision	
A	

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS.
 - TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS.

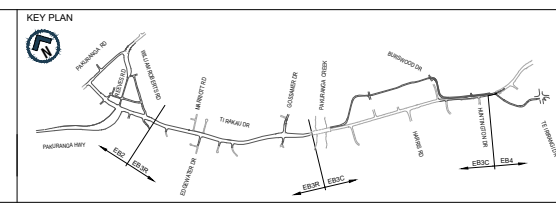
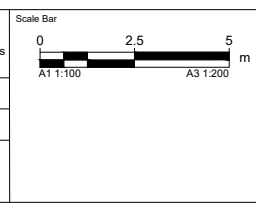


- LEGEND**
- EXISTING PAVEMENT TO REMAIN
 - PROPOSED PAVEMENT CONSTRUCTION
 - PROPOSED LANDSCAPING

ORIGINAL SIZE A1
 Plot By: SANTOSMR (4/11/2022 6:17:19 pm)
 Filename: EB-2-D-2-RD-DG-000422.DWG

PACKAGE No. 2RD-00 NOT FOR CONSTRUCTION

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing			
Designed	D. deAbrew	Checked	D. Angus
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	29/03/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:100
A3 SCALE	1:200




Design Package	
ROADWORK GEOMETRIC DESIGN	
Drawing Title	
PAKURANGA HIGHWAY TYPICAL CROSS SECTIONS SHEET 2 OF 3	
Drawing Number	EB-2-D-2-RD-DG-000422
Revision	A

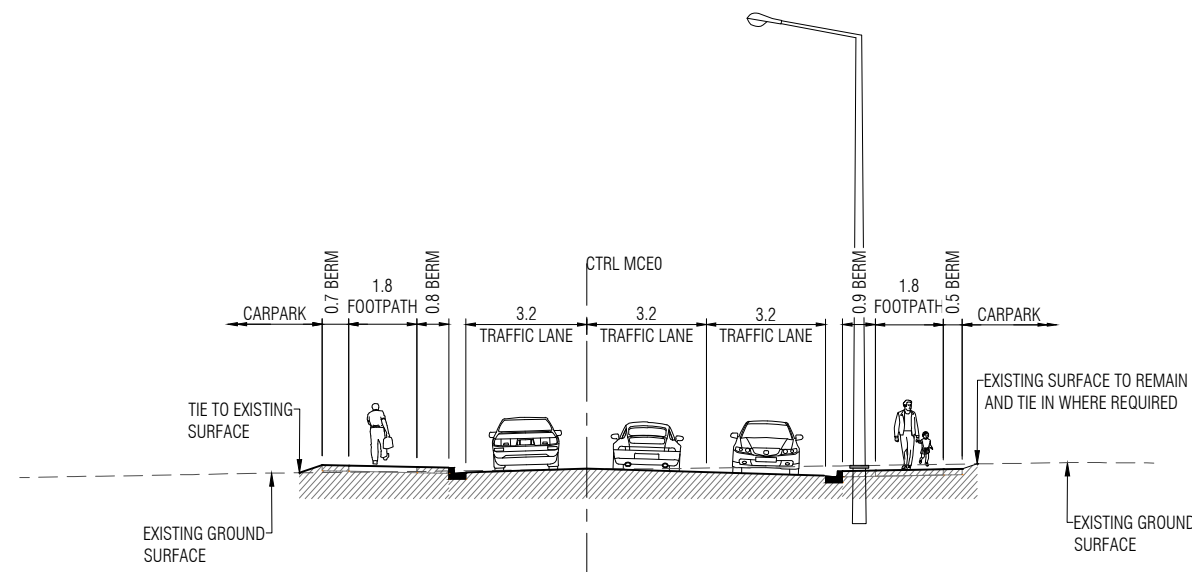
ORIGINAL IN COLOUR

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- TO BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS.
- TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS.

LEGEND

-  EXISTING PAVEMENT TO REMAIN
-  PROPOSED PAVEMENT CONSTRUCTION
-  PROPOSED LANDSCAPING



K | AYLESBURY STREET - CH. 60.0
000124 | Scale 1:100 (A1) / 1:200 (A3)

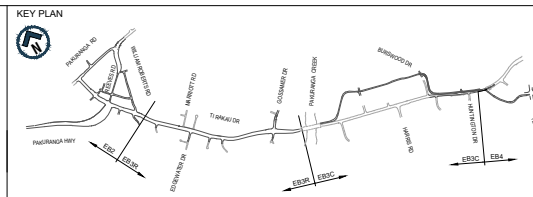
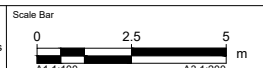
Filename: EB-2-D-2-RD-DG-000431.DWG Plot By: SANTOSMR (3/29/2022 5:23:44 pm)

ORIGINAL SIZE A1


ORIGINAL IN COLOUR

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	D. deAbrew	Checked	D. Angus
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	29/03/2022		



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)



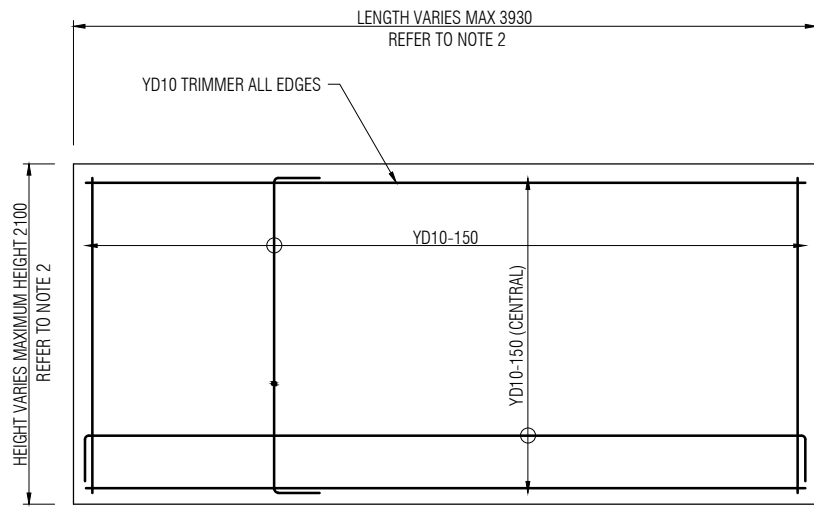
Eastern Busway

Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		AYLESBURY STREET TYPICAL CROSS SECTION	
Vertical Datum		Drawing Number	
2016 NEW ZEALAND		EB-2-D-2-RD-DG-000431	
A1 SCALE	1:100	A3 SCALE	1:200

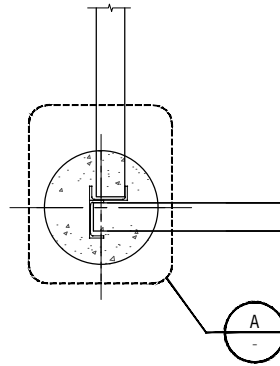
Revision	
Revision	A

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION



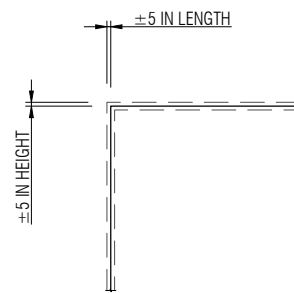
TYPICAL 4000 NOISE PANEL ELEVATION
Scale 1:20 (A1) 1:40 (A3)



TYPICAL PLAN
Scale 1:20 (A1) 1:40 (A3)

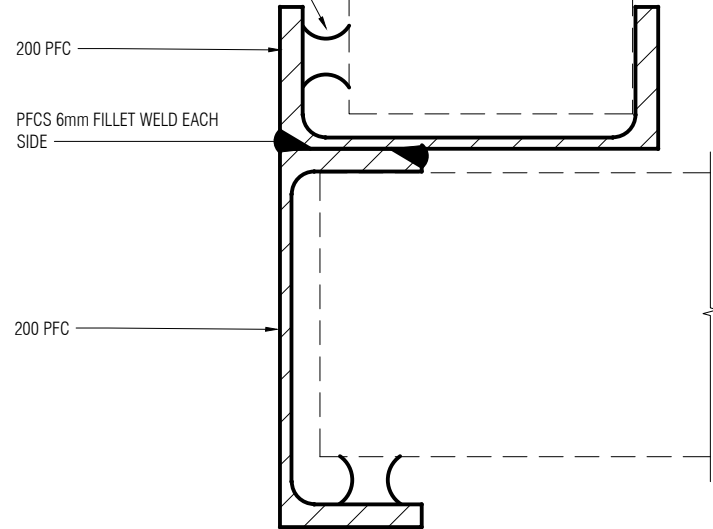
NOTES:

1. ALL FOUNDATION DETAILS ARE SUBJECT TO CHANGE ONCE FURTHER GROUND INVESTIGATIONS ARE AVAILABLE.
2. CONCRETE GRADE: 30MPa.
3. STRUCTURAL STEEL GRADE: GRADE 300.
4. 20mm THICK ALLOWANCE PROVIDED FOR PATTERNING ON ROAD FACING SIDE ONLY. REFER TO URBAN DESIGN PACKAGES.
5. CONCRETE FINISH SHALL BE F4.
6. CLEAR GRAFFITI COATING FOR THE FULL HEIGHT AND LENGTH OF NOISE WALL ON BOTH SIDES.
7. STEEL SURFACES SHALL BE HOT DIP GALVANIZED TO HDG390 + DECORATIVE COAT IN ACCORDANCE WITH AS/NZS 2312.2.

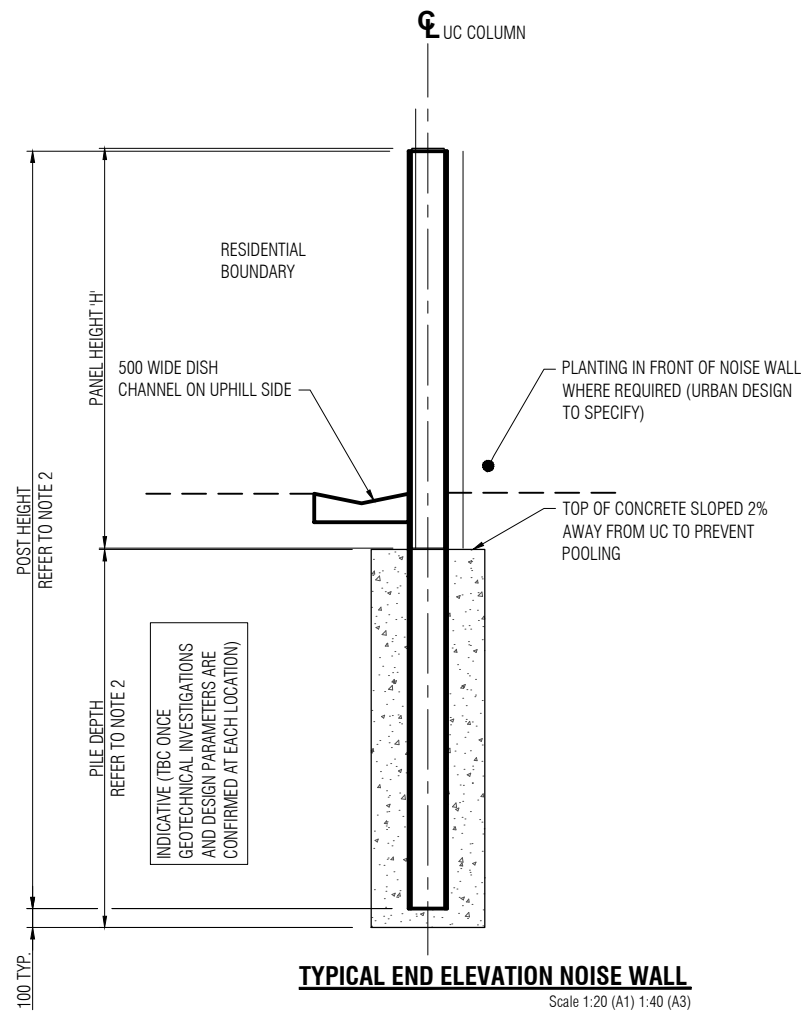


PRECAST PANEL TOLERANCE DETAIL
Scale 1:5 (A1) 1:10 (A3)

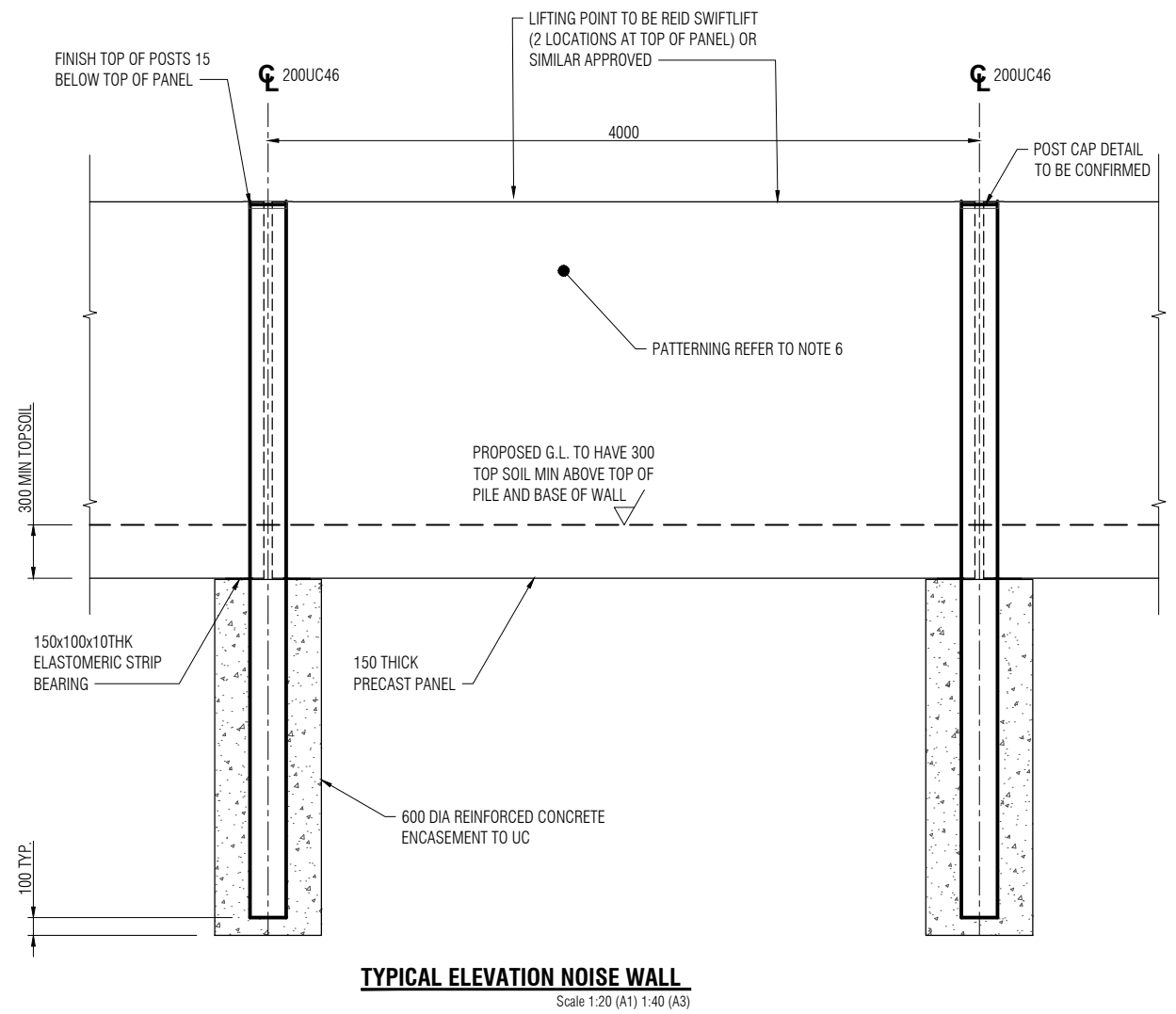
SIKA FIREATE PU ACOUSTIC SEALANT, OR SIMILAR APPROVED. OMIT 20 AT BOTTOM OF PANEL ON CARRIAGEWAY SIDE TO ENSURE MOISTURE CAN ESCAPE. PROVIDE PLASTIC SHIMS AT MAXIMUM 1000 CENTRES ALONG THE UC TO PANEL EVENLY WITHIN.



A WALL RETURN DETAIL
Scale 1:2 (A1) 1:4 (A3)



TYPICAL END ELEVATION NOISE WALL
Scale 1:20 (A1) 1:40 (A3)



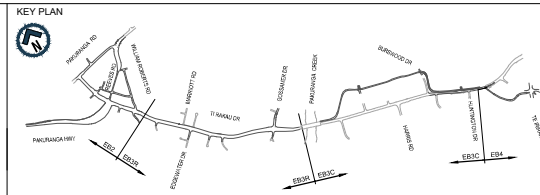
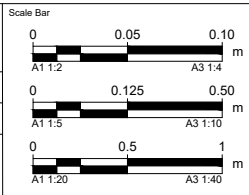
TYPICAL ELEVATION NOISE WALL
Scale 1:20 (A1) 1:40 (A3)

Filename: EB-2-D-0-ST-DG-203110.DWG Plot By: DWAYNE ACOSTA (6/15/2022 3:20:28 PM)

ORIGINAL SIZE A1

This drawing shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the Alliance quality assurance system to ISO 9001. Printed copies of this document are UNCONTROLLED. Do not scale from this drawing

Designed	J. Chen	Checked	R. Rajasingh
Drawn	D. Acosta	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	20/06/2022	D. Acosta	ISSUED FOR STAGE 1 SUBMISSION



AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	AS SHOWN
A3 SCALE	AS SHOWN

PROJECT WIDE STANDARD STRUCTURES

NOISE WALLS
STRUCTURAL DETAILS
SHEET 1 OF 2

Drawing Number: EB-2-D-0-ST-DG-203110

Revision: A

PACKAGE No. 0ST-20

NOT FOR CONSTRUCTION

ORIGINAL IN COLOUR