

Appendix B

EB2 General Arrangement Plans



REFER TO DRAWING NO. EB-2-D-2-RD-DG-000112

PAKURANGA TOWN CENTRE

RECONFIGURATION OF EXISTING CAR PARK TO PROVIDE LINK FROM AYLESBURY STREET TO TI RAKAU DRIVE

CARPARK CONFIGURATION TO BE CONFIRMED IN THE NEXT STAGE OF DESIGN

PROPOSED RAINGARDEN. REFER TO 2SW-00 DRAINAGE DESIGN PACKAGE FOR DETAILS

CLOSE EXISTING ACCESS FROM TI RAKAU DRIVE

NEW ENTRY FROM TI RAKAU DRIVE WITH AN AYLESBURY STREET EXTENSION

KERB RAMP TO BE PROVIDED IN THE NEXT DESIGN STAGE

SIGNALISED INTERSECTION WITH CROSSINGS. REFER TO 2IT-10 TRAFFIC SIGNALS DESIGN PACKAGE FOR DETAILS

SIGNALISED INTERSECTION WITH CROSSINGS. REFER TO 2IT-10 TRAFFIC SIGNALS DESIGN PACKAGE FOR DETAILS

TIE INTO EXISTING FOOTPATH

KERB RAMP TO BE PROVIDED IN THE NEXT DESIGN STAGE

RAISED ISLAND TO BE REMOVED

TIE IN TO EXISTING FOOTPATH

EASTERN AND WESTERN KERBLINE AND FOOTPATH OF PALM AVENUE TO BE RETAINED AS IS

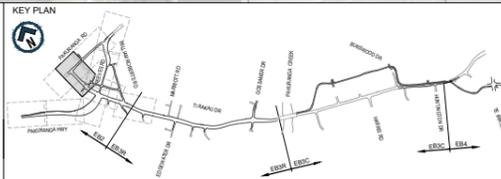
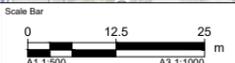
Plot By: SANTOSMR (3/29/2022 6:23:45 pm)

Filename: EB-2-D-2-RD-DG-000101-000125 DWG

ORIGINAL SIZE A1

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-D-2-RD-DG-000004 FOR LEGEND AND EB-2-D-2-RD-DG-000005 FOR GENERAL NOTES.

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

Design Package	
ROADWORK GEOMETRIC DESIGN	
Drawing Title	
TI RAKAU DRIVE GENERAL ARRANGEMENT PLAN SHEET 1 OF 3	
Drawing Number	Revision
EB-2-D-2-RD-DG-000101	A

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION



ORIGINAL IN COLOUR

REFER TO DRAWING NO. EB-2-D-2-RD-DG-000124

REFER TO 2RD-30 DESIGN PACKAGE FOR WILLIAM ROBERTS ROAD DESIGN DETAILS

REFER TO AT TDM STANDARD DETAILS FOR RAISED TABLE ARRANGEMENT FOR CROSSING. NOTE THAT THIS CROSSING WILL HAVE A SPLITTER ISLAND

TIE INTO EXISTING CORTINA PLACE FROM PROPOSED WILLIAM ROBERTS ROAD

KISS AND RIDE ARRANGEMENT TO BE AMENDED. DETAILS TO BE PROVIDED IN THE NEXT STAGE

CORTINA PLACE

RAISED TABLE TO BE PROVIDED AT THE INTERSECTION. DETAILS TO BE PROVIDED IN THE NEXT STAGE

SIGNALISED INTERSECTION WITH CROSSING. REFER TO 2IT-10 TRAFFIC SIGNALS DESIGN PACKAGE FOR DETAILS

TRANSFORMER RELOCATION. REFER TO UTILITIES DRAWINGS FOR DETAILS

220KV PAK-PEN-B CABLE

BUSWAY CROSS OVER

CLOSE EXISTING ACCESS FROM TI RAKAU DRIVE

TRANSFORMER RELOCATIONS INCLUDING ADJACENT SERVICE RELOCATIONS. REFER TO UTILITIES DRAWINGS FOR DETAILS

TIE INTO EXISTING FOOTPATH
STATION PLATFORM AREA. REFER TO EB2 PAKURANGA STATION PACKAGE 2BS-00 FOR DETAILS OF THE PLATFORMS AND THE SHELTERS

ONLY LEFT IN AND OUT MOVEMENT PERMITTED
WATERCARE HUNUA No.2 Ø1070mm CLS TO BE PROTECTED

RAISED TABLE TO BE PROVIDED AT THE INTERSECTION. DETAILS TO BE PROVIDED IN THE NEXT STAGE

NEW ON RAMP CONFIGURATION WILL UTILISE EXISTING PAVEMENT

EXISTING TRANSPOWER PYLON TO BE REPLACED. REFER TO 2UT-00 FOR DETAILS

REFER TO DRAWING NO. EB-2-D-2-RD-DG-000123

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

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Date	29/03/2022	Approver Signature	

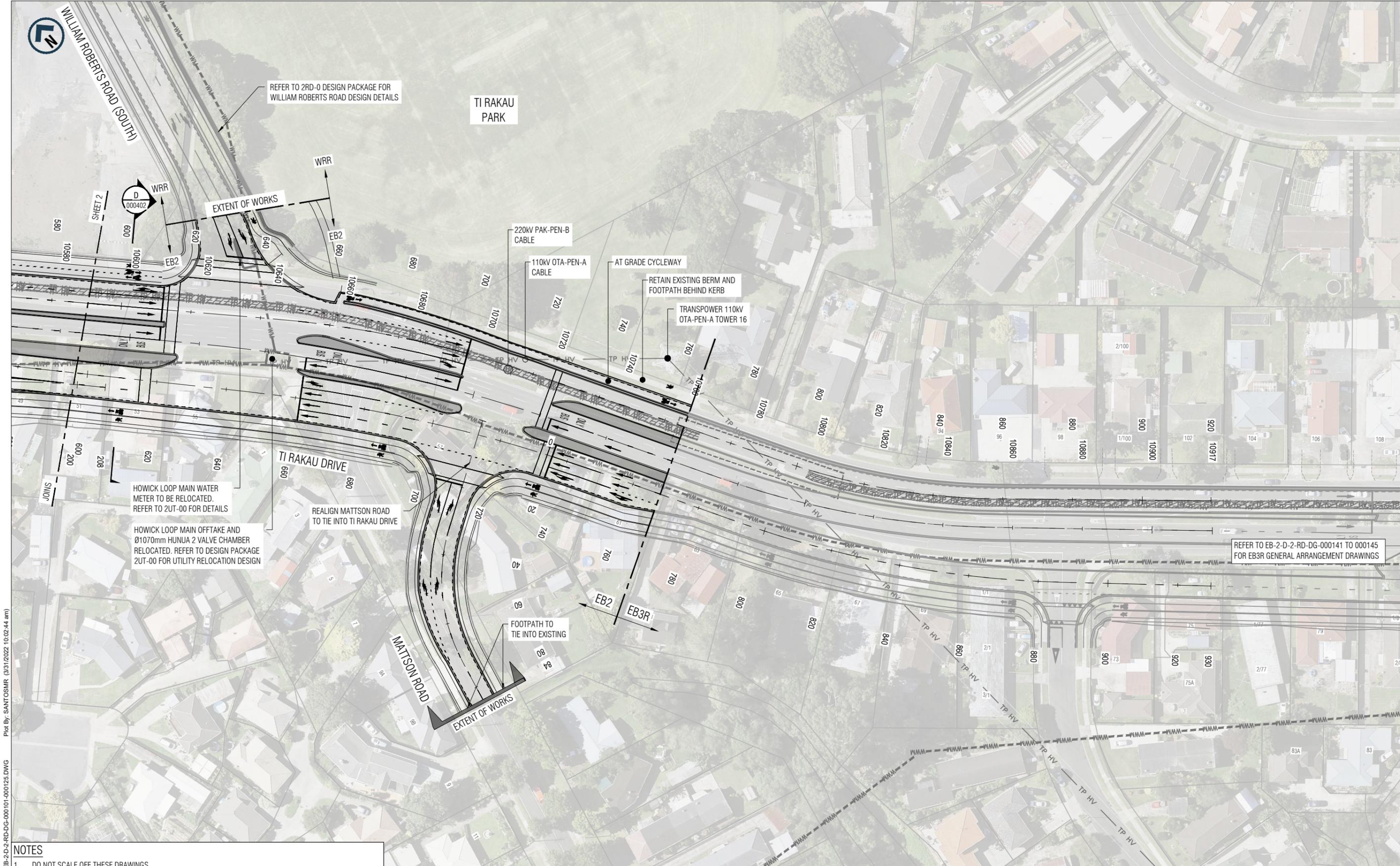


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

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

Design Package	ROADWORK GEOMETRIC DESIGN
Drawing Title	TI RAKAU DRIVE GENERAL ARRANGEMENT PLAN SHEET 2 OF 3
Drawing Number	EB-2-D-2-RD-DG-000102
Revision	A

Plot By: SANTOSMR (3/31/2022 10:02:44 am) FILENAME: EB-2-D-2-RD-DG-000101-000125.DWG ORIGINAL SIZE A1 ORIGINAL IN COLOUR

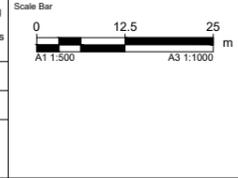


NOTES

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Approved	S. Jones		
Date	29/03/2022	Approver Signature	

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



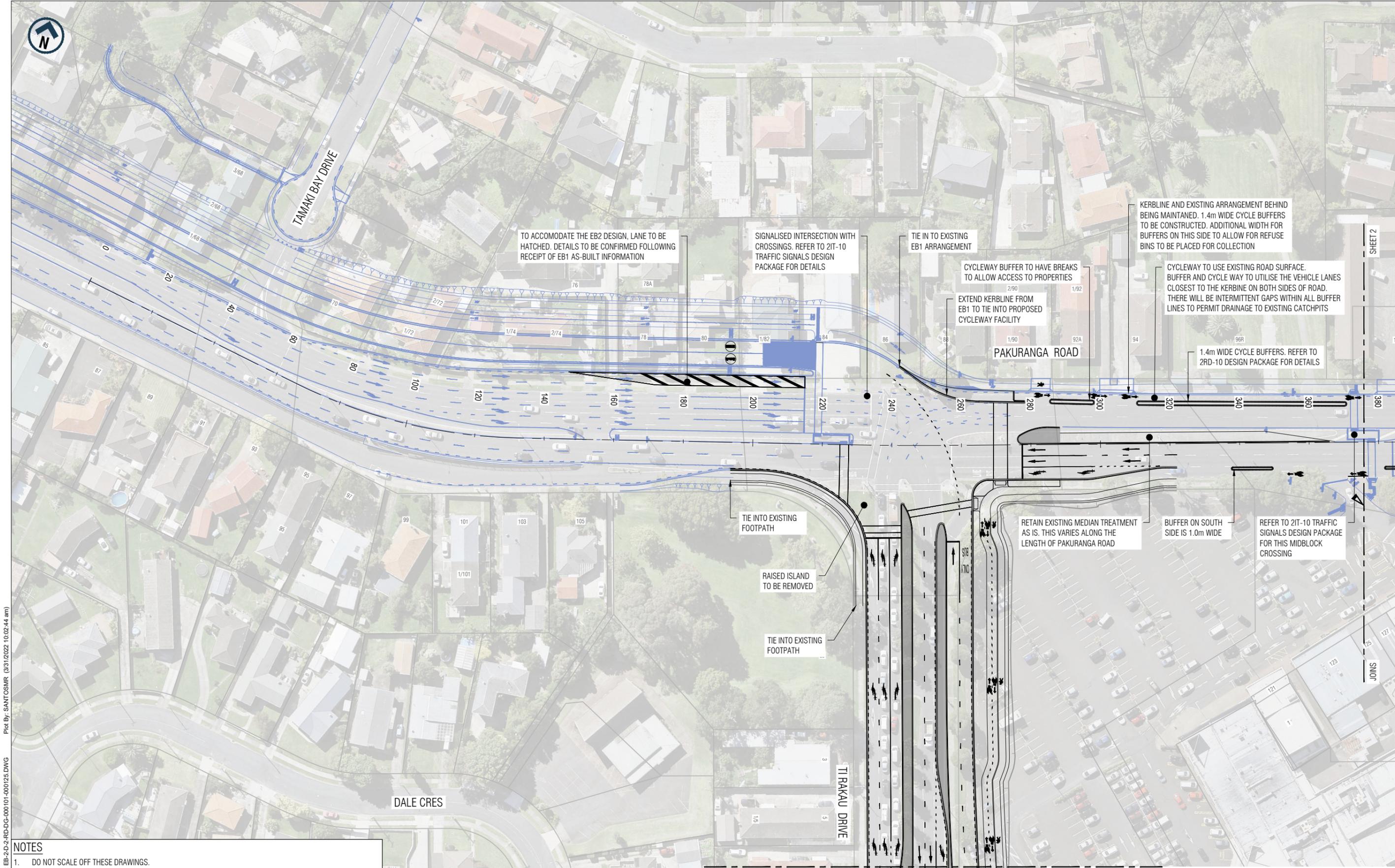
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

PACKAGE No. 2RD-00	
STAGE 1	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

ROADWORK GEOMETRIC DESIGN	
Drawing Title	
TI RAKAU DRIVE GENERAL ARRANGEMENT PLAN SHEET 3 OF 3	
Drawing Number	EB-2-D-2-RD-DG-000103
Revision	A

Original Size A1
 File Name: EB-2-D-2-RD-DG-000101-000125.DWG
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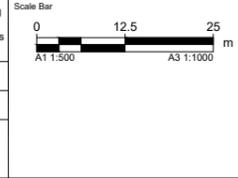




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 Plot By: SANTOSMR (3/31/2022 10:02:44 am)

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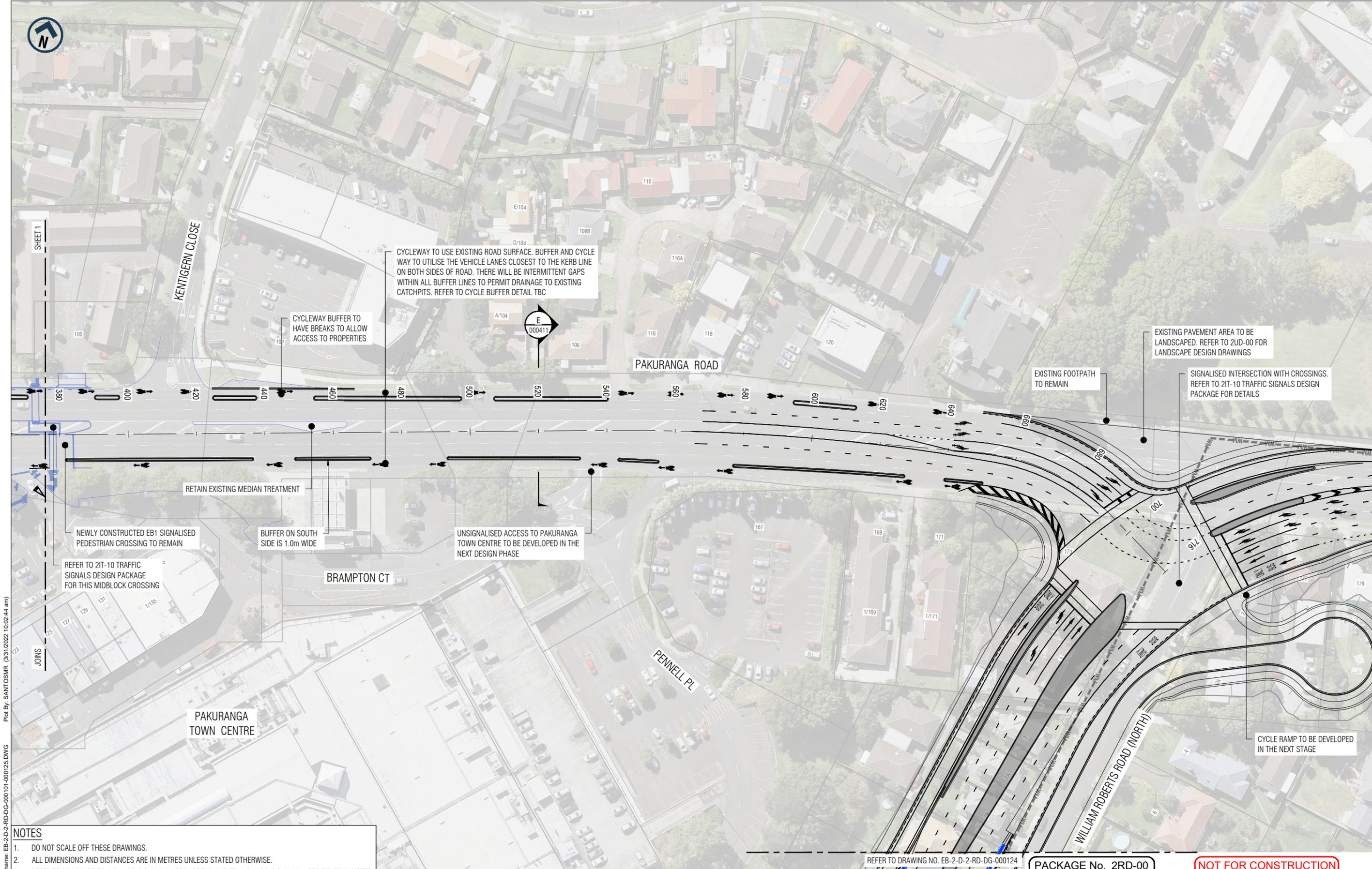
Drawing Status	
STAGE 1	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

Design Package	
ROADWORK GEOMETRIC DESIGN	
Drawing Title	
PAKURANGA ROAD GENERAL ARRANGEMENT PLAN SHEET 1 OF 2	
Drawing Number	EB-2-D-2-RD-DG-000111
Revision	A

PACKAGE No. 2RD-00 NOT FOR CONSTRUCTION

ORIGINAL SIZE A1





CYCLEWAY TO USE EXISTING ROAD SURFACE. BUFFER AND CYCLE WAY TO UTILISE THE VEHICLE LANES CLOSEST TO THE KERB LINE ON BOTH SIDES OF ROAD. THERE WILL BE INTERMITTENT GAPS WITHIN ALL BUFFER LINES TO PERMIT DRAINAGE TO EXISTING CATCHPITS. REFER TO CYCLE BUFFER DETAIL TBC

CYCLEWAY BUFFER TO HAVE BREAKS TO ALLOW ACCESS TO PROPERTIES

EXISTING PAVEMENT AREA TO BE LANDSCAPED. REFER TO 2UD-00 FOR LANDSCAPE DESIGN DRAWINGS

SIGNALISED INTERSECTION WITH CROSSINGS. REFER TO 2IT-10 TRAFFIC SIGNALS DESIGN PACKAGE FOR DETAILS

EXISTING FOOTPATH TO REMAIN

RETAIN EXISTING MEDIAN TREATMENT

NEWLY CONSTRUCTED EB1 SIGNALISED PEDESTRIAN CROSSING TO REMAIN

REFER TO 2IT-10 TRAFFIC SIGNALS DESIGN PACKAGE FOR THIS MIDBLOCK CROSSING

BUFFER ON SOUTH SIDE IS 1.0m WIDE

UNSIGNALISED ACCESS TO PAKURANGA TOWN CENTRE TO BE DEVELOPED IN THE NEXT DESIGN PHASE

CYCLE RAMP TO BE DEVELOPED IN THE NEXT STAGE

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ORIGINAL SIZE A1



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

Design Package	
ROADWORK GEOMETRIC DESIGN	
Drawing Title	
PAKURANGA ROAD GENERAL ARRANGEMENT PLAN SHEET 2 OF 2	
Drawing Number	Revision
EB-2-D-2-RD-DG-000112	A

REFER TO DRAWING NO. EB-2-D-2-RD-DG-000124

PACKAGE No. 2RD-00

NOT FOR CONSTRUCTION

Filename: EB-2-D-2-RD-DG-000101-000125.DWG Plot By: SANTOSMR (3/31/2022 10:02:44 am)



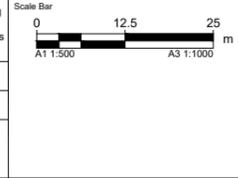
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 ORIGINAL SIZE A1
 ORIGINAL IN COLOUR

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STAGE 1	
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Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

NOT FOR CONSTRUCTION	
ROADWORK GEOMETRIC DESIGN	
Drawing Title PAKURANGA HIGHWAY / REEVES ROAD	
GENERAL ARRANGEMENT PLAN	
SHEET 1 OF 5	
Drawing Number	EB-2-D-2-RD-DG-000121
Revision	A