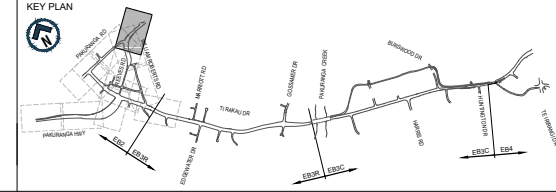
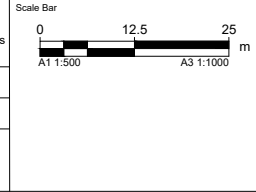


Plot By: TAMAYOC (4/20/2022 2:59:34 pm)
 Filename: EB-2-D-2-SW-DG-000101-000125.DWG

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	22/04/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION

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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	22/04/2022	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

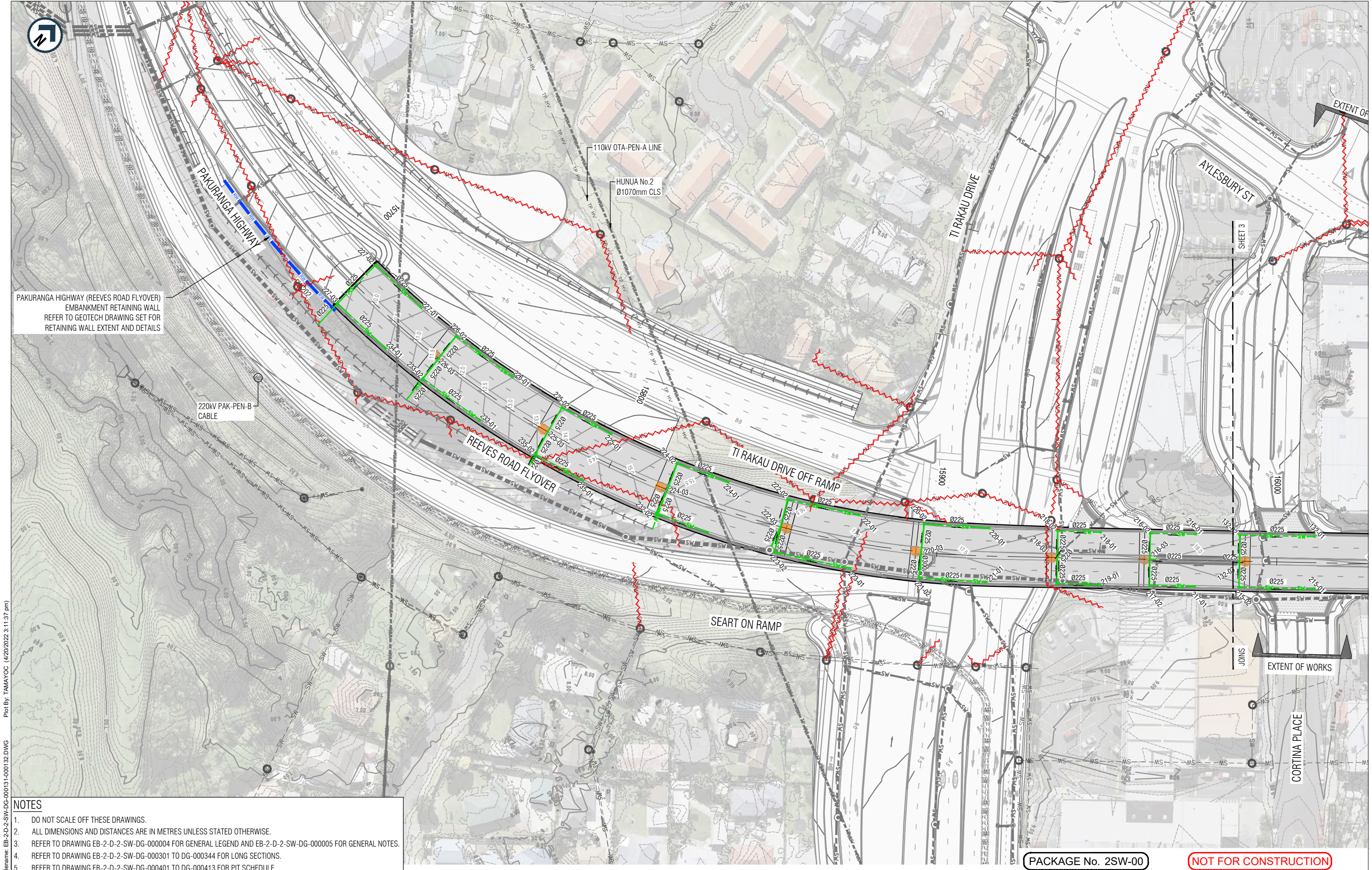
Design Package	
DRAINAGE	
Drawing Title	
PAKURANGA HIGHWAY/ REEVES ROAD	
DRAINAGE LAYOUT PLAN	
SHEET 5 OF 5	
Drawing Number	EB-2-D-2-SW-DG-000125
Revision	A

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1

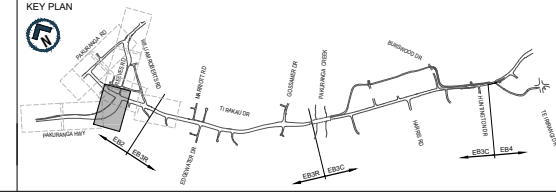
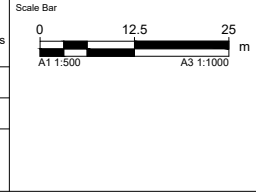




- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO DG-000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	22/04/2022	Approver Signature	



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

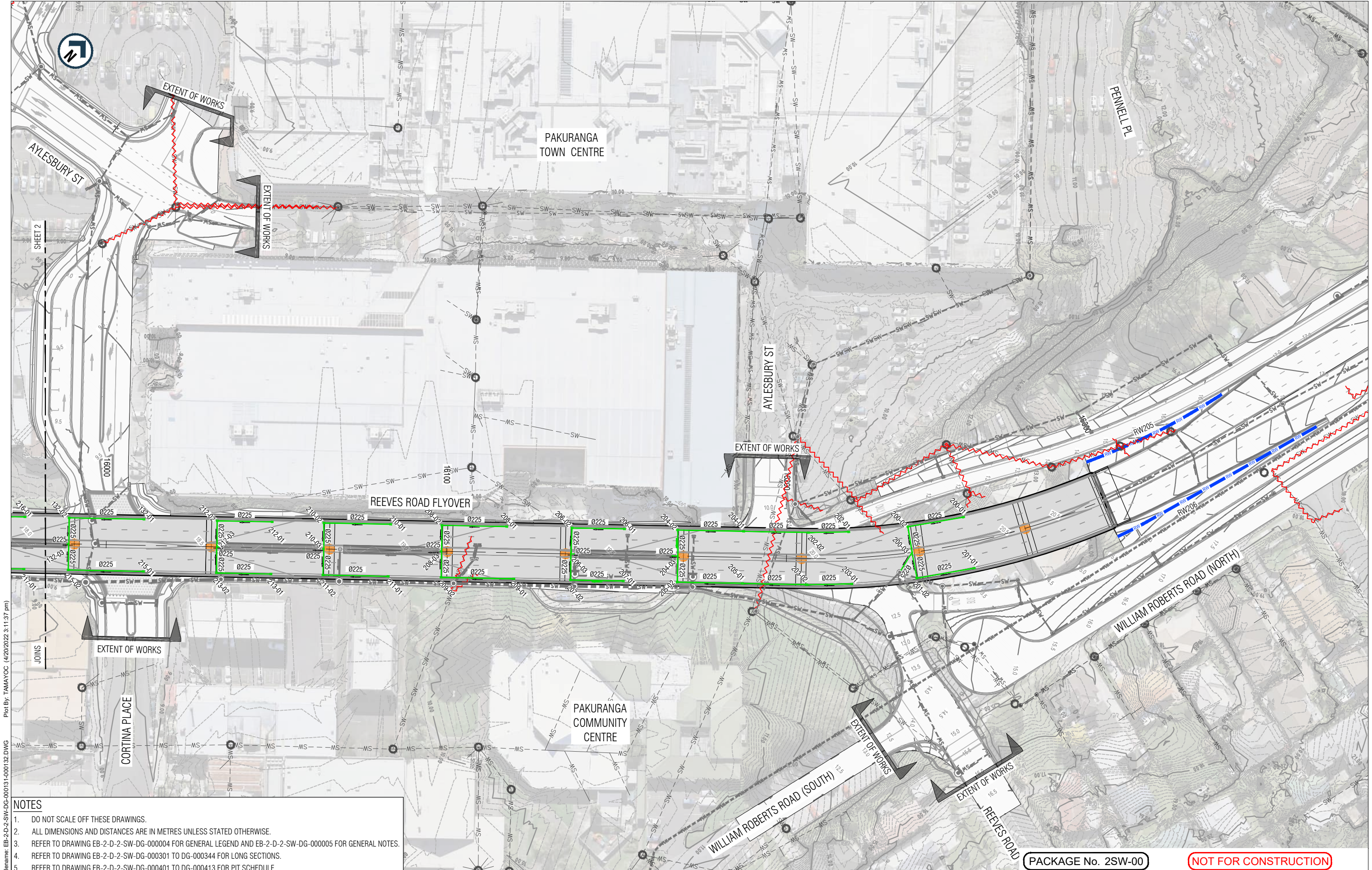
PACKAGE No. 2SW-00

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

NOT FOR CONSTRUCTION

DRAINAGE	
Drawing Title REEVES ROAD FLYOVER DRAINAGE LAYOUT PLAN SHEET 1 OF 2	
Drawing Number	Revision
EB-2-D-2-SW-DG-000131	A

ORIGINAL SIZE A1
 FILENAME: EB-2-D-2-SW-DG-000131-000132.DWG
 PLOT BY: TAMAYOC (4/20/2022 3:11:37 pm)

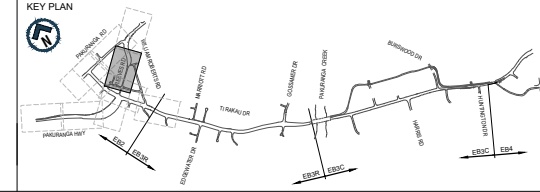
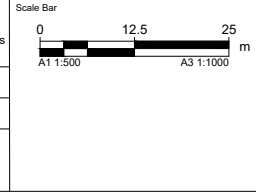


Plot By: TAMAYOC (4/20/2022 3:11:37 pm)
 File Name: EB-2-D-2-SW-DG-000131-000132.DWG

- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO DG-000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	22/04/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION

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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	22/04/2022	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		PACKAGE No. 2SW-00	
Drawing Title		DRAINAGE	
Drawing Number		REEVES ROAD FLYOVER DRAINAGE LAYOUT PLAN SHEET 2 OF 2	
Revision		EB-2-D-2-SW-DG-000132	
Revision		A	

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1



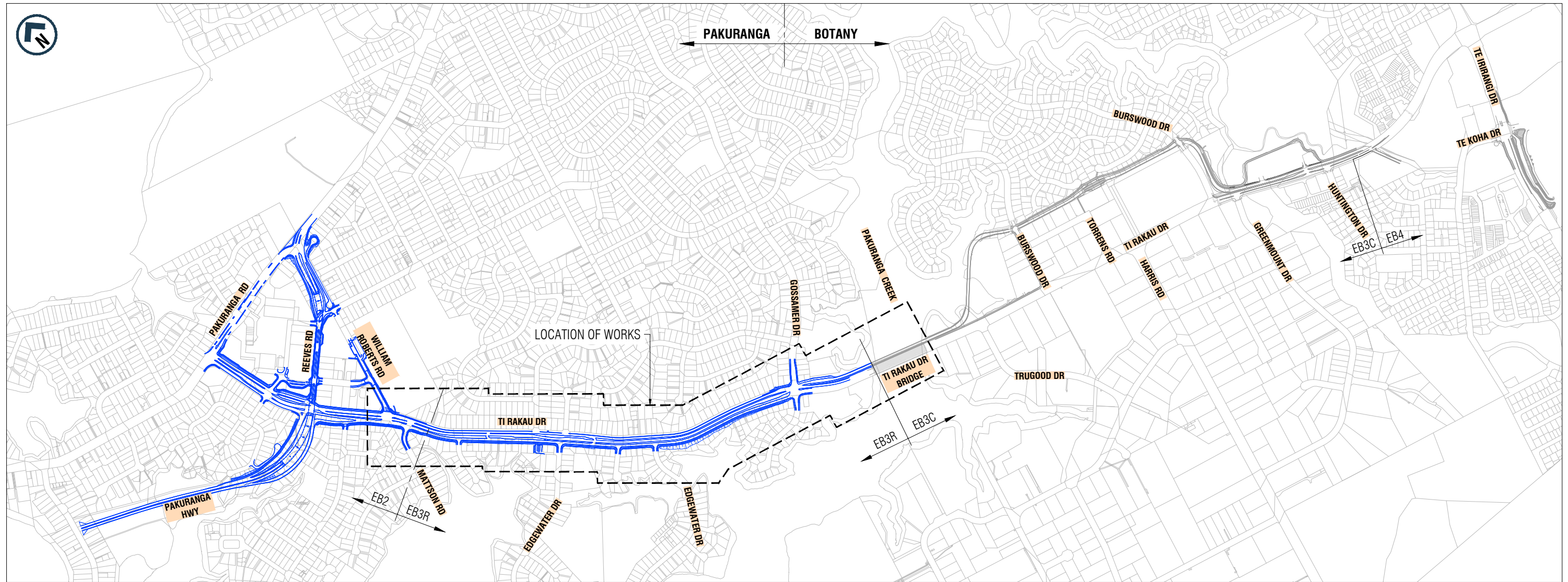
Appendix 3: EB3R Stormwater Design Drawings

EASTERN BUSWAY

PAKURANGA TO BOTANY TOWN CENTRES

PACKAGE 3SW-00

DRAINAGE



LOCALITY PLAN

Plot By: SANTOSMR (4/6/2022 5:10:19 pm)

Filename: EB-2-D-3-SW-DG-000001.DWG

ORIGINAL SIZE A1

ORIGINAL IN COLOUR

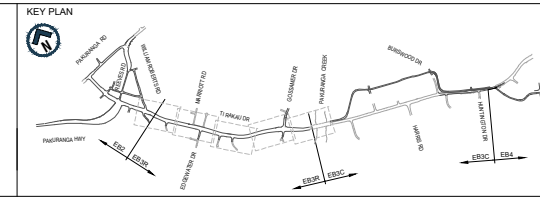
PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION

REV	DATE	DRAWN	REVISION DESCRIPTION
A	08/04/2022	M. Santos	ISSUED FOR STAGE 1 SUBMISSION

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	08/04/2022		

Scale Bar



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.

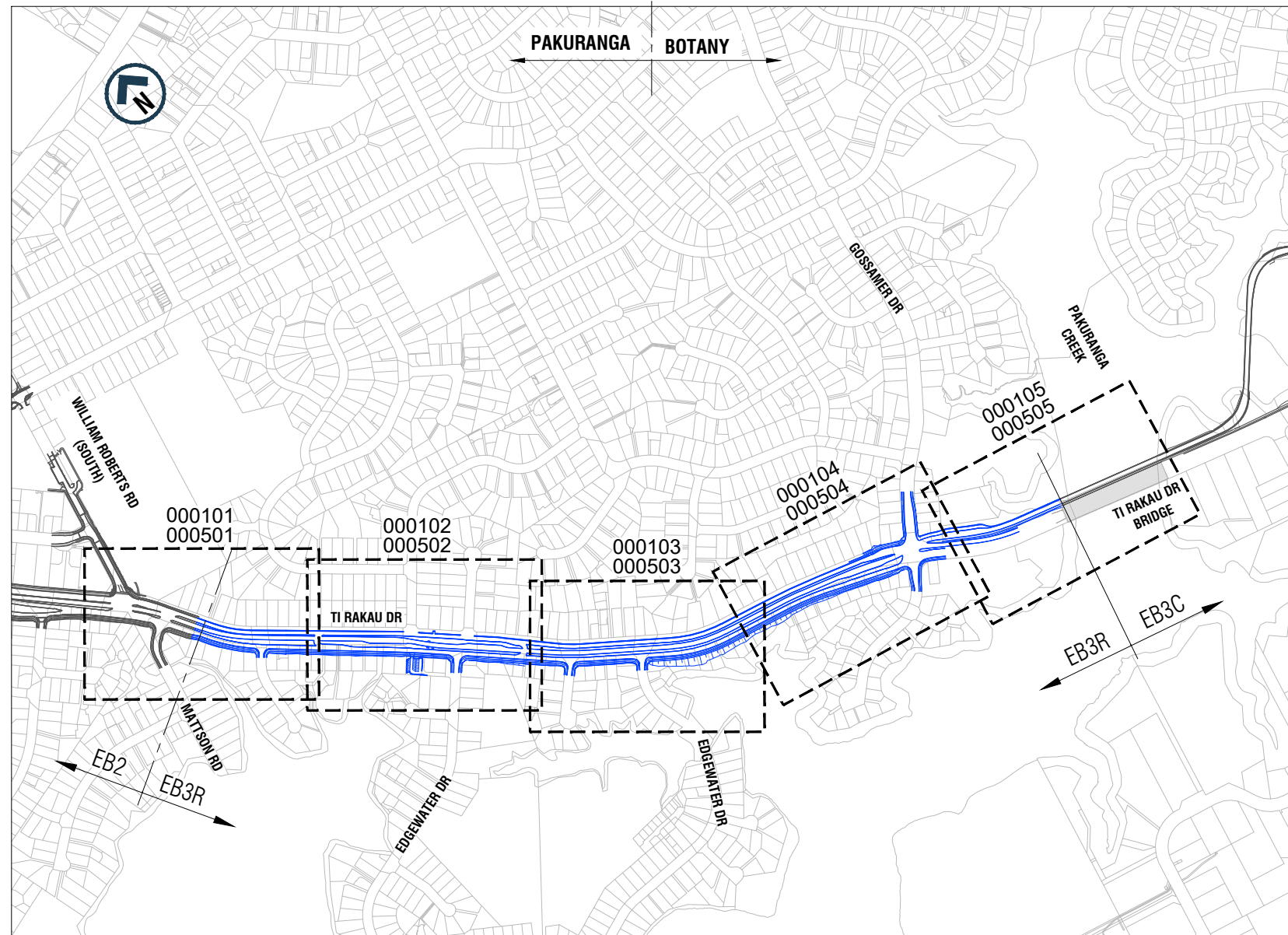
DRAINAGE	
COVER SHEET AND LOCALITY PLAN	
Design Package	
Drawing Title	
Drawing Number	EB-2-D-3-SW-DG-000001
Revision	A

EASTERN BUSWAY

PAKURANGA TO BOTANY TOWN CENTRES

PACKAGE 3SW-00

DRAINAGE



SHEET LAYOUT KEY PLAN FOR 1:500 (A1) SCALE

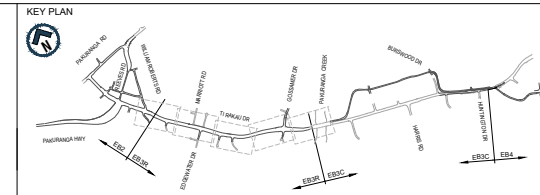
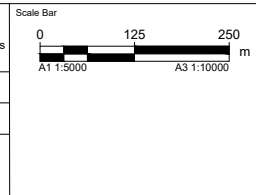
Filename: EB-2-D-3-SW-DG-000002.DWG Plot By: SANTOSMR (4/7/2022 12:02:20 pm)

ORIGINAL SIZE A1

ORIGINAL IN COLOUR

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	08/04/2022		



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



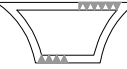



Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:5000
A3 SCALE	1:10000

DRAINAGE	
COVER SHEET AND LOCALITY PLAN	
Drawing Number	EB-2-D-3-SW-DG-000002
Revision	A









PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION














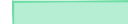
ROAD GEOMETRY

-  PARCEL BOUNDARY
-  CONTROL LINE
-  RAISED INTERSECTION AND SPEED TABLE
-  BATTER SLOPE
-  PRAM RAMP
-  RETAINING WALL




EXISTING SERVICES:

-  EXISTING WATER SUPPLY - TRANSMISSION
-  EXISTING WASTEWATER - TRANSMISSION
-  EXISTING TRANSPOWER HV U/G
-  EXISTING TRANSPOWER JOINT BAY
-  CONTOURS 0.1 METRE
-  CONTOURS 0.5 METRE
-  CONTOURS 1.0 METRE
-  TRANSPOWER PYLON



DRAINAGE

-  CMD BOUNDARY
-  STORMWATER PIPE
-  PROPOSED MANHOLE
-  GRATED MANHOLE
-  METROPIT (1200 LINTEL)
-  METROPIT (2400 LINTEL)
-  CHANNEL CATCHPIT
-  STANDARD CATCHPIT
-  STANDARD DOUBLE CATCHPIT
-  STREET CATCHPIT (1200mm LINTEL)
-  STREET CATCHPIT (2400mm LINTEL)
-  MEGA PIT
-  VEGETATED SWALE
-  RAINGARDEN

EXISTING DRAINAGE

-  EXISTING MANHOLE
-  EXISTING STORMWATER
-  EXISTING STORMWATER TO BE ABANDONED/ REMOVED

CATCHMENT

-  ROAD BASE DESIGN CATCHMENT
-  EXTERNAL CATCHMENT

Plot By: SANTOSMR (4/7/2022 4:19:26 PM)

Filename: EB-2-D-3-SW-DG-000004.DWG

ORIGINAL SIZE A1

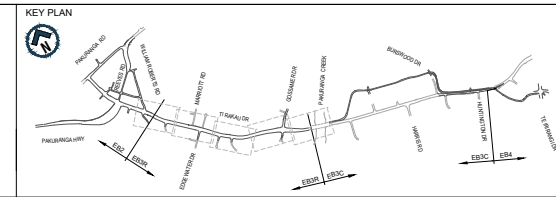
PACKAGE No. 3SW-00

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	08/04/2022		

Scale Bar

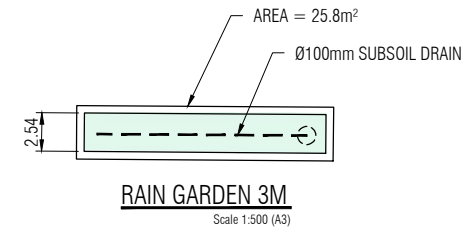
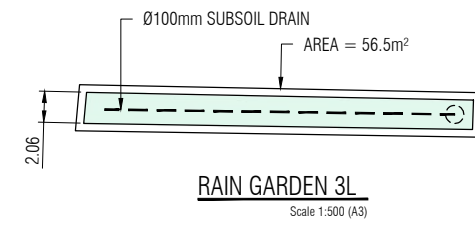
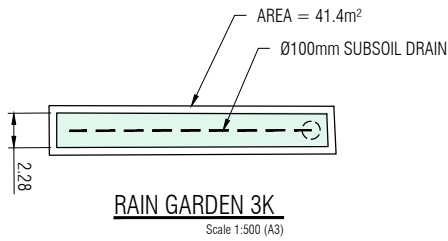
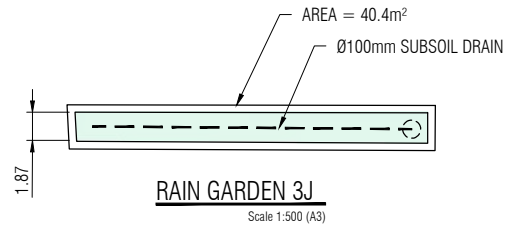
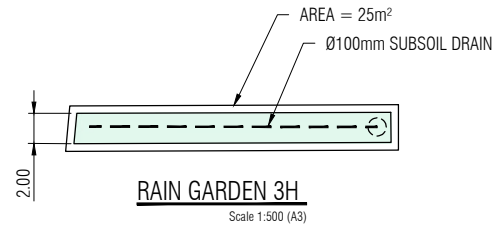
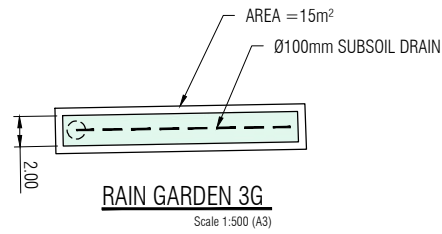
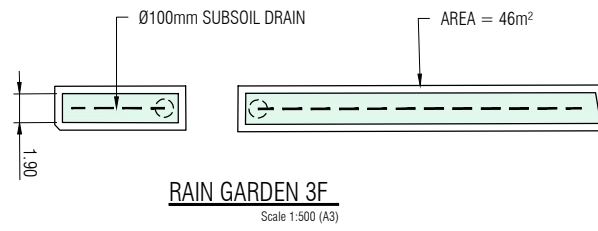
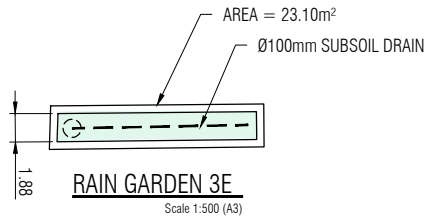
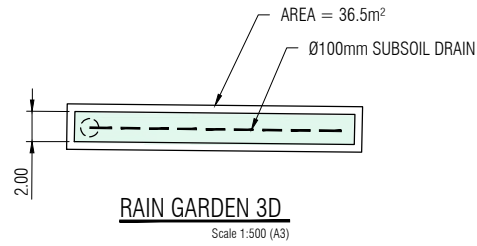
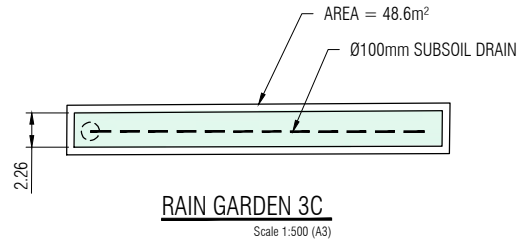
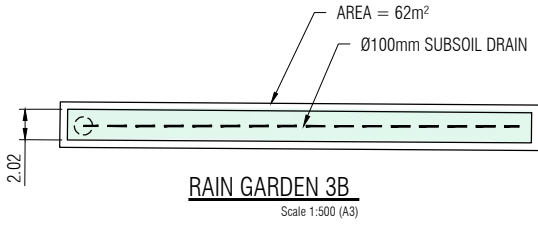
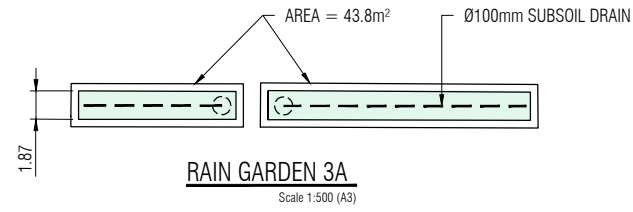


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

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		DRAINAGE	
Drawing Title		GENERAL LEGEND	
Drawing Number	EB-2-D-3-SW-DG-000004	Revision	A

ORIGINAL IN COLOUR

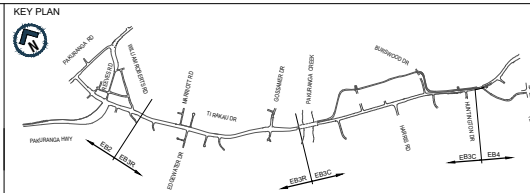


PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION

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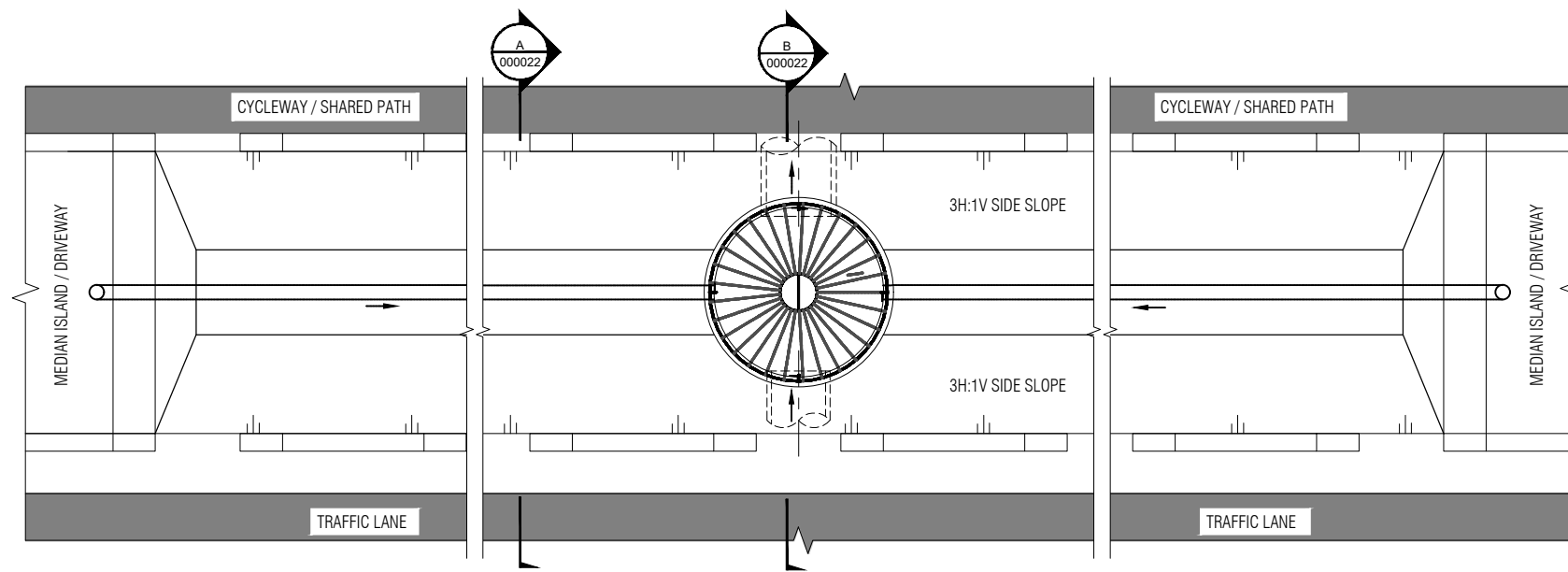
Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	08/04/2022		



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

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title DRAINAGE RAIN GARDEN TYPICAL DETAILS SHEET 1 OF 3	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-3-SW-DG-000021	
A1 SCALE	1:25	A3 SCALE	1:50

Revision	A
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PACKAGE No. 3SW-00

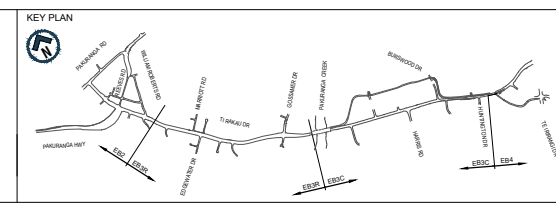
NOT FOR CONSTRUCTION

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	08/04/2022		

Approver Signature

Scale Bar

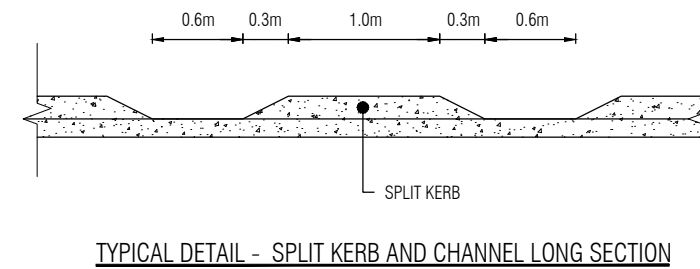
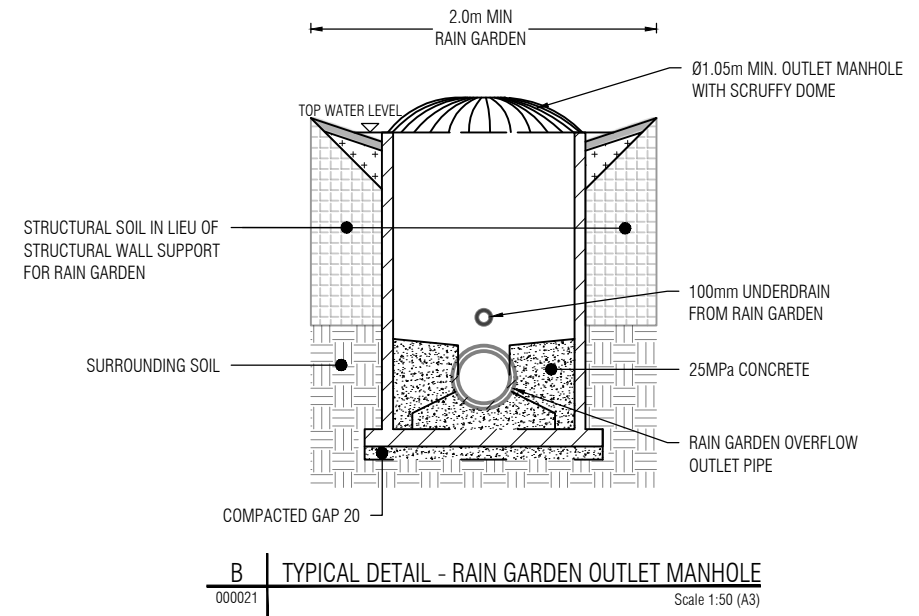
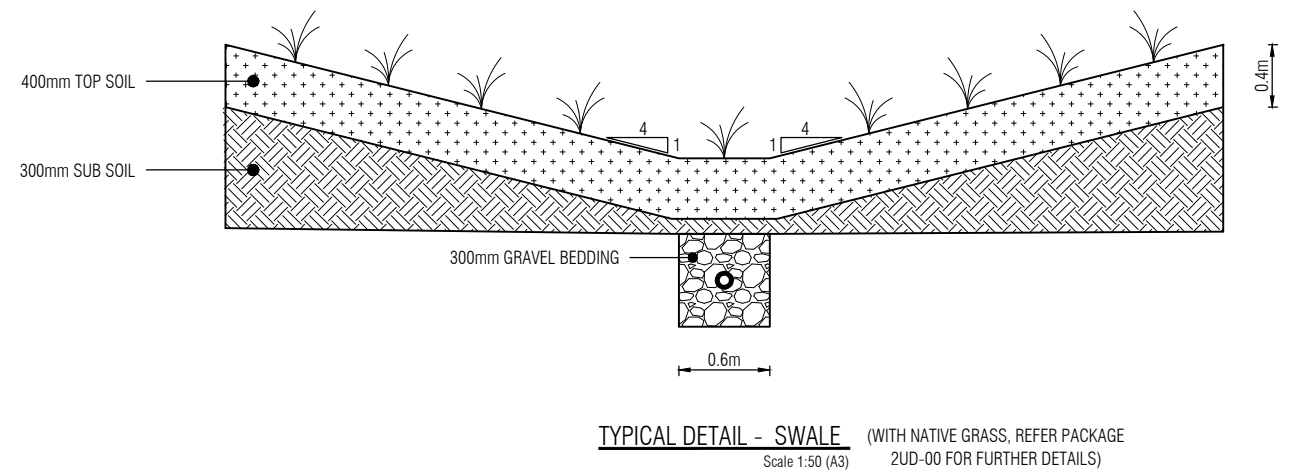
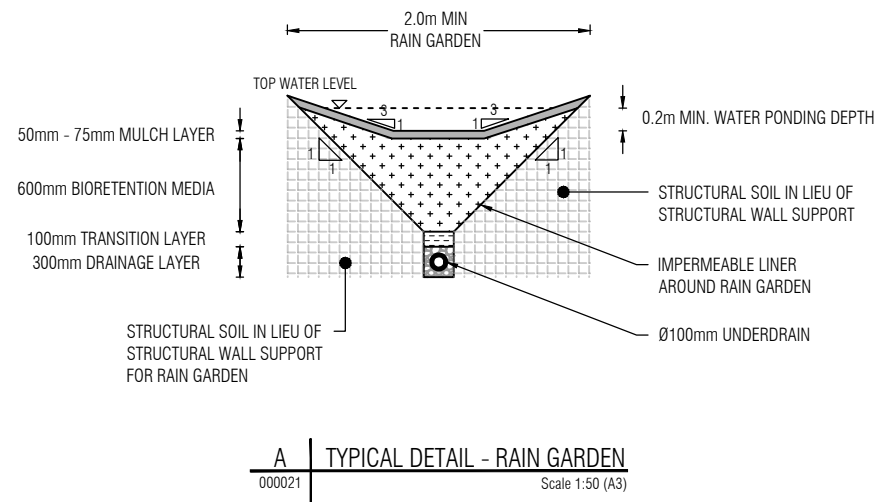


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title DRAINAGE RAIN GARDEN TYPICAL DETAILS SHEET 2 OF 3	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-3-SW-DG-000022	
A1 SCALE	1:25	A3 SCALE	1:50

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

Filename: EB-2-D-3-SW-DG-000021-000026.DWG Plot By: SANTOSMR (4/7/2022 4:24:11 pm)



PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION

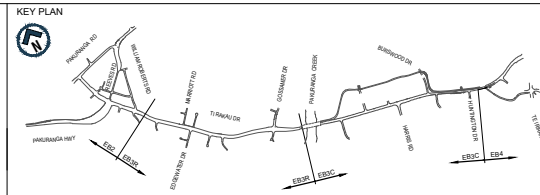
ORIGINAL SIZE A1

ORIGINAL IN COLOUR

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	08/04/2022	Approver Signature	

Scale Bar

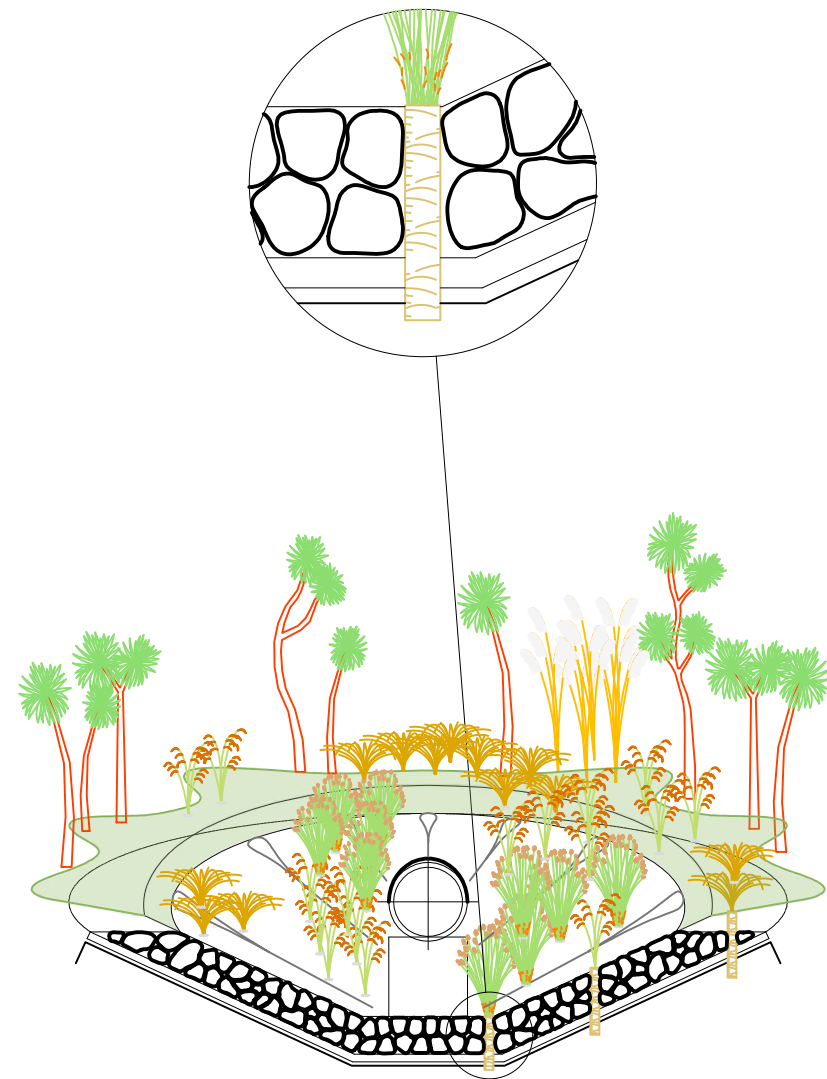
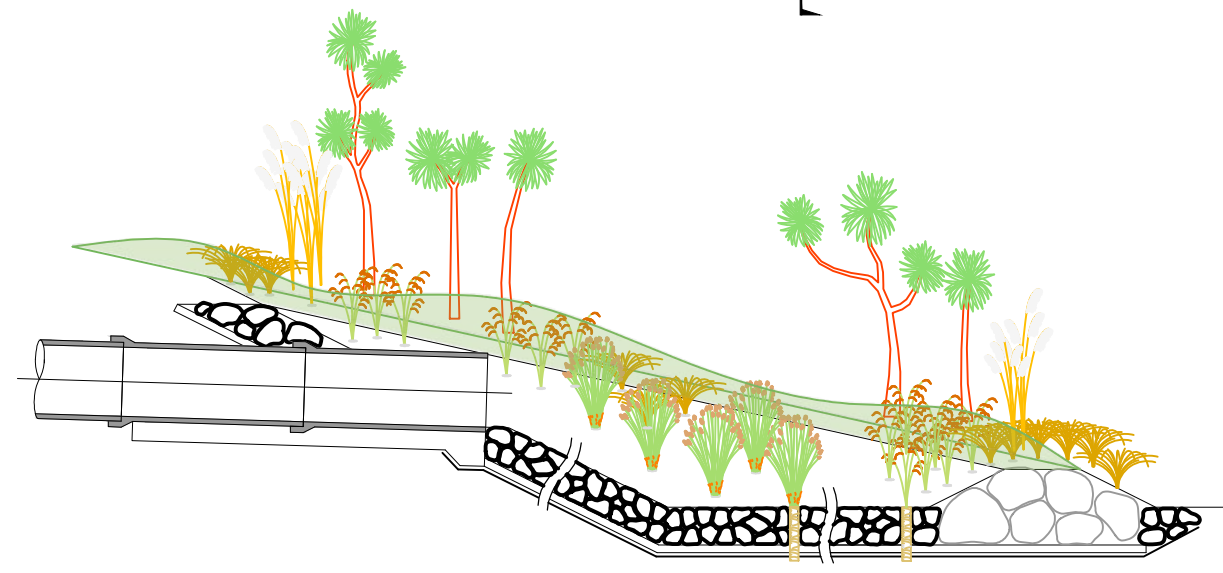
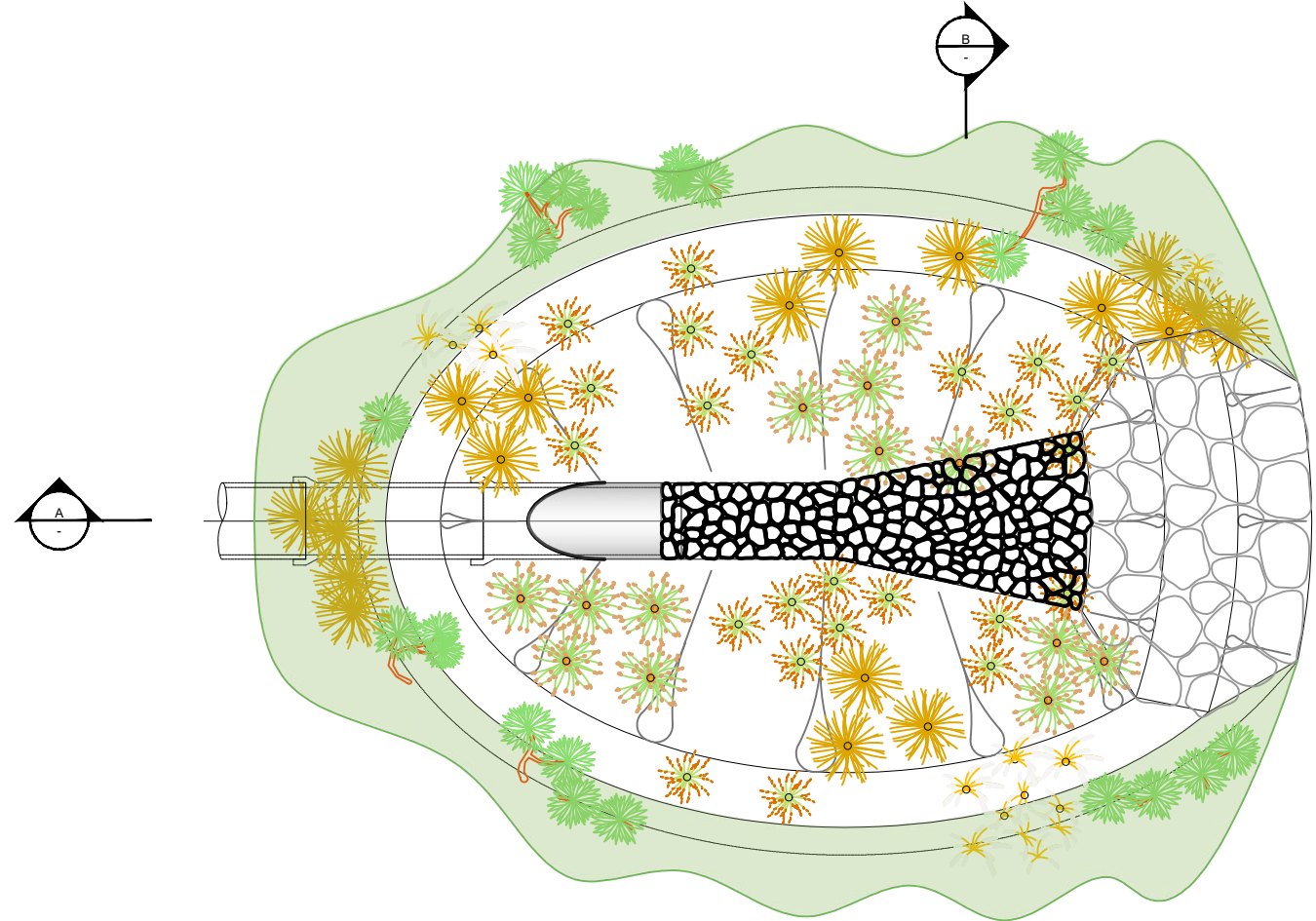


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:25
A3 SCALE	1:50

Design Package	
DRAINAGE	
Drawing Title	
RAIN GARDEN TYPICAL DETAILS SHEET 3 OF 3	
Drawing Number	EB-2-D-3-SW-DG-000023
Revision	A

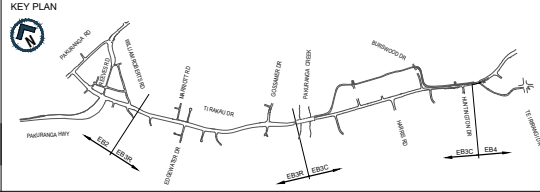
Filename: EB-2-D-3-SW-DG-000021-000026.DWG Plot By: SANTOSMR (4/7/2022 4:24:11 pm)



ORIGINAL SIZE A1



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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	08/04/2022		
		Approver Signature	



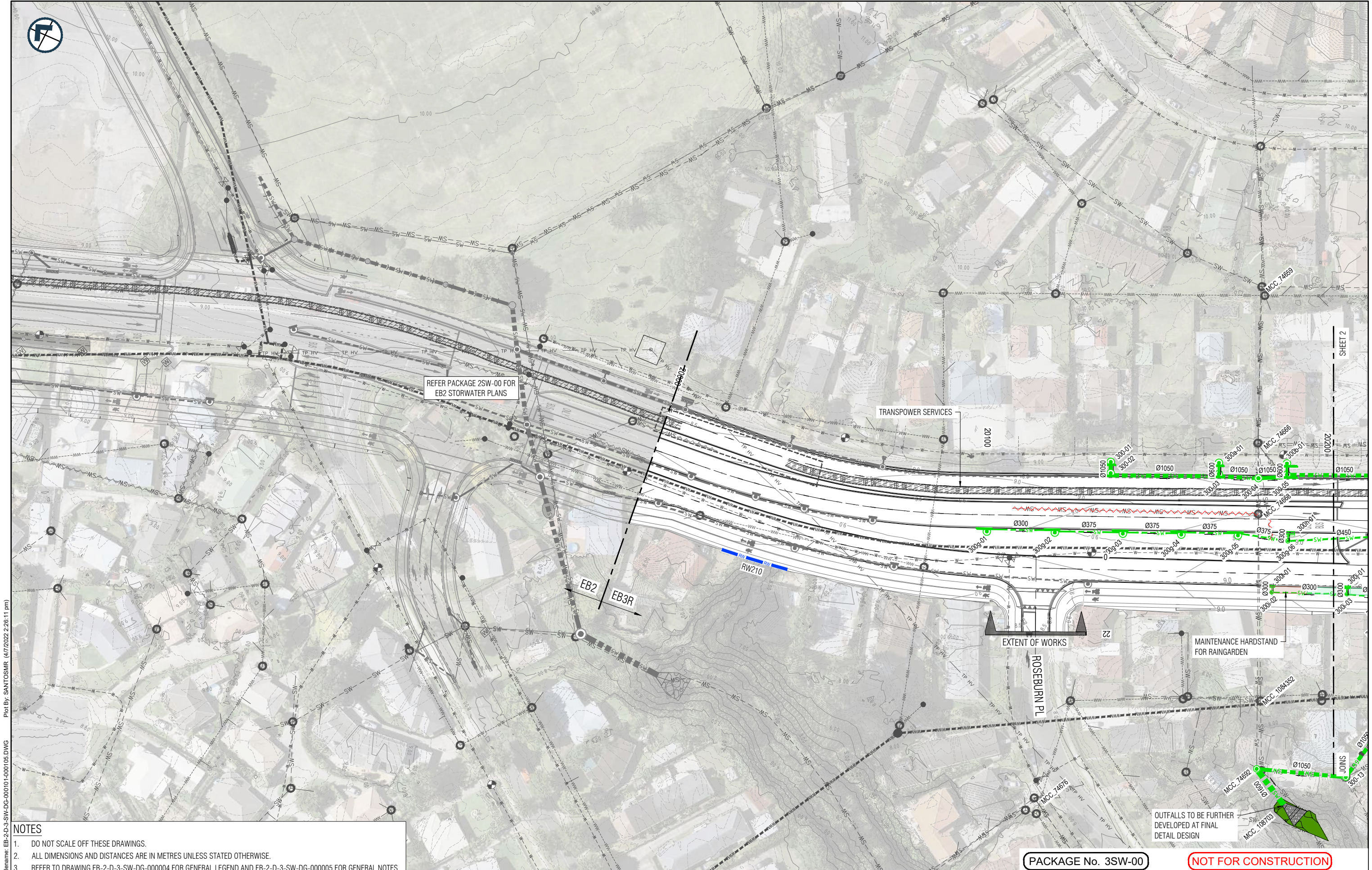
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:25
A3 SCALE	1:50

Design Package		DRAINAGE
Drawing Title		
OUTFALL TYPICAL DETAILS		
Drawing Number	EB-2-D-3-SW-DG-000026	Revision
		A

PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION



REFER PACKAGE 2SW-00 FOR EB2 STORWATER PLANS

TRANSPOWER SERVICES

20100

EB2
EB3R

RW210

EXTENT OF WORKS

ROSEBURN PL

MAINTENANCE HARDSTAND FOR RAINGARDEN

OUTFALLS TO BE FURTHER DEVELOPED AT FINAL DETAIL DESIGN

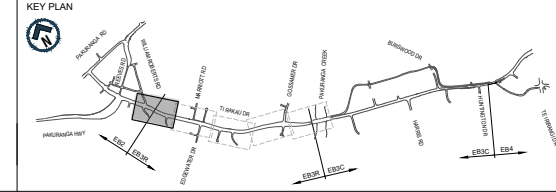
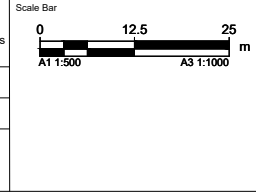
- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWING EB-2-D-3-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-3-SW-DG-000005 FOR GENERAL NOTES.

PACKAGE No. 3SW-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	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	08/04/2022	Approver Signature	

REV	DATE	M. Santos	ISSUED FOR STAGE 1 SUBMISSION



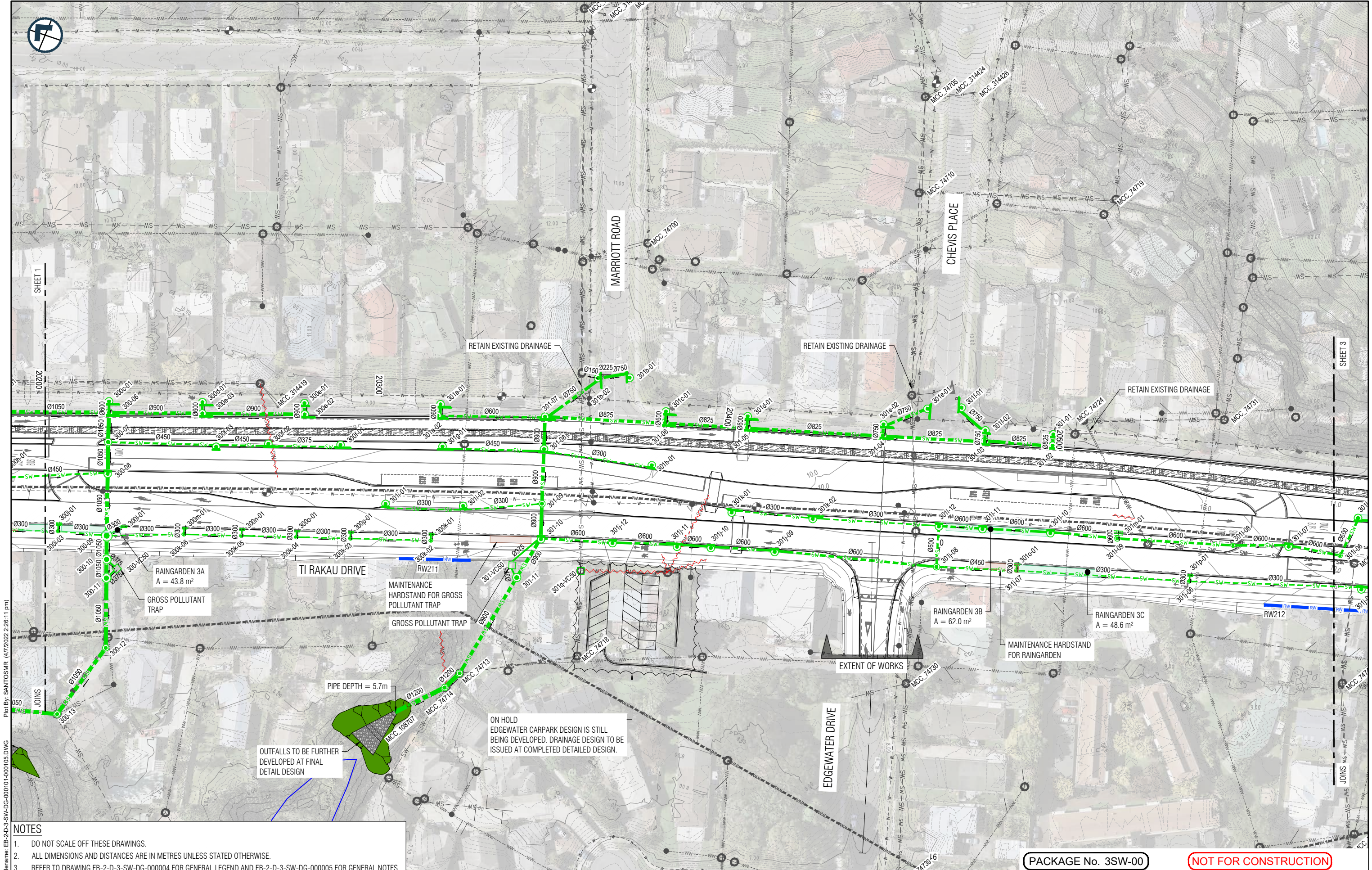
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

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

Design Package	
DRAINAGE	
TI RAKAU DRIVE	
DRAINAGE LAYOUT PLAN	
SHEET 1 OF 5	
Drawing Number	EB-2-D-3-SW-DG-000101
Revision	A

ORIGINAL IN COLOUR

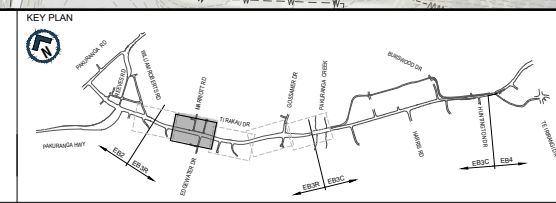
Plot By: SANTOSMR (4/7/2022 2:26:11 pm)
 Filename: EB-2-D-3-SW-DG-000101-000105.DWG
 ORIGINAL SIZE A1



NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- REFER TO DRAWING EB-2-D-3-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-3-SW-DG-000005 FOR GENERAL NOTES.

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Designed	M. Lai	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	08/04/2022	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 DRAINAGE TI RAKAU DRIVE DRAINAGE LAYOUT PLAN SHEET 2 OF 5	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-3-SW-DG-000102	
A1 SCALE 1:500	A3 SCALE 1:1000	Revision A	

PACKAGE No. 3SW-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE
A1
ORIGINAL IN COLOUR

Plot By: SANTOSMR (4/7/2022 2:26:11 pm)
Filename: EB-2-D-3-SW-DG-000101-000105.DWG