

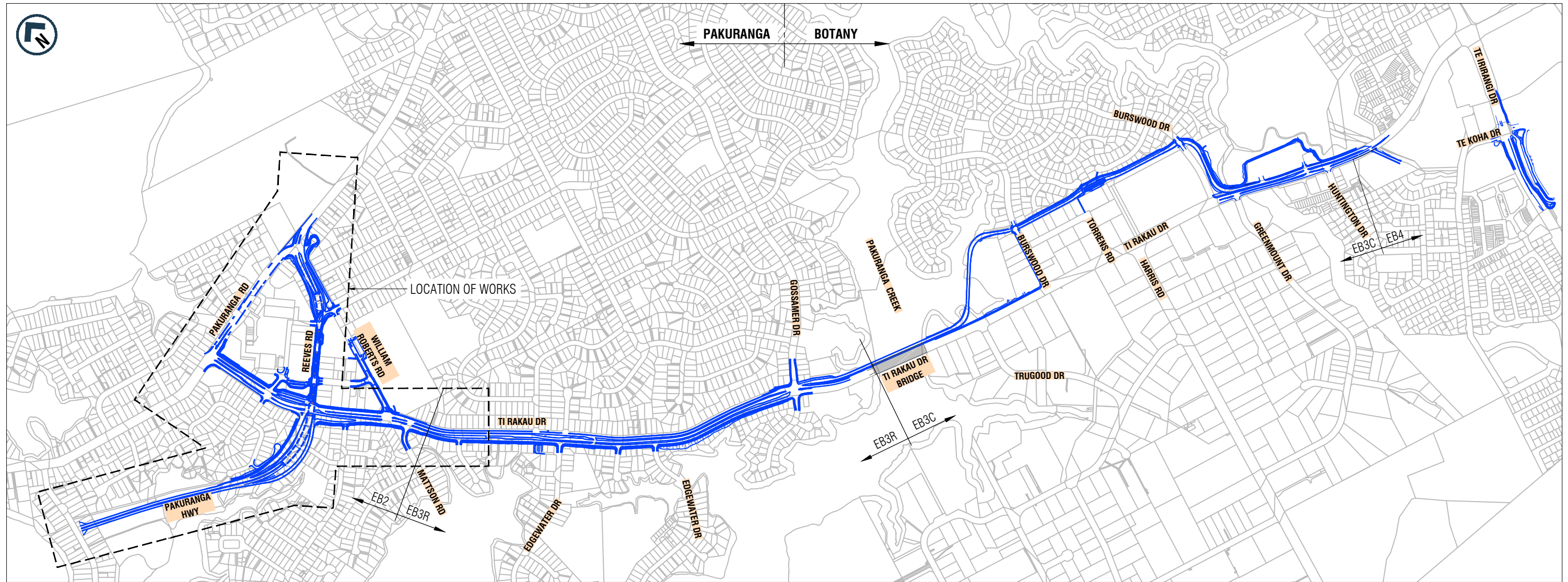
Appendix 2: EB2 Stormwater Design Drawings

EASTERN BUSWAY

PAKURANGA TO BOTANY TOWN CENTRES

PACKAGE 2SW-00

DRAINAGE



LOCALITY PLAN

Plot By: TAMAYOC (4/20/2022 1:51:20 pm)

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

ORIGINAL SIZE
A1

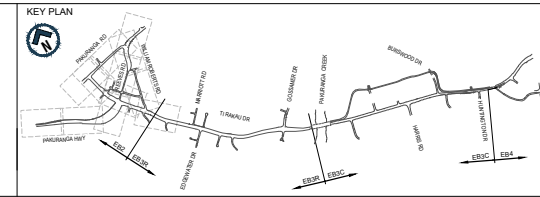
PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

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	Approver Signature	
Date	22/04/2022		

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-2-SW-DG-000001
Revision	A

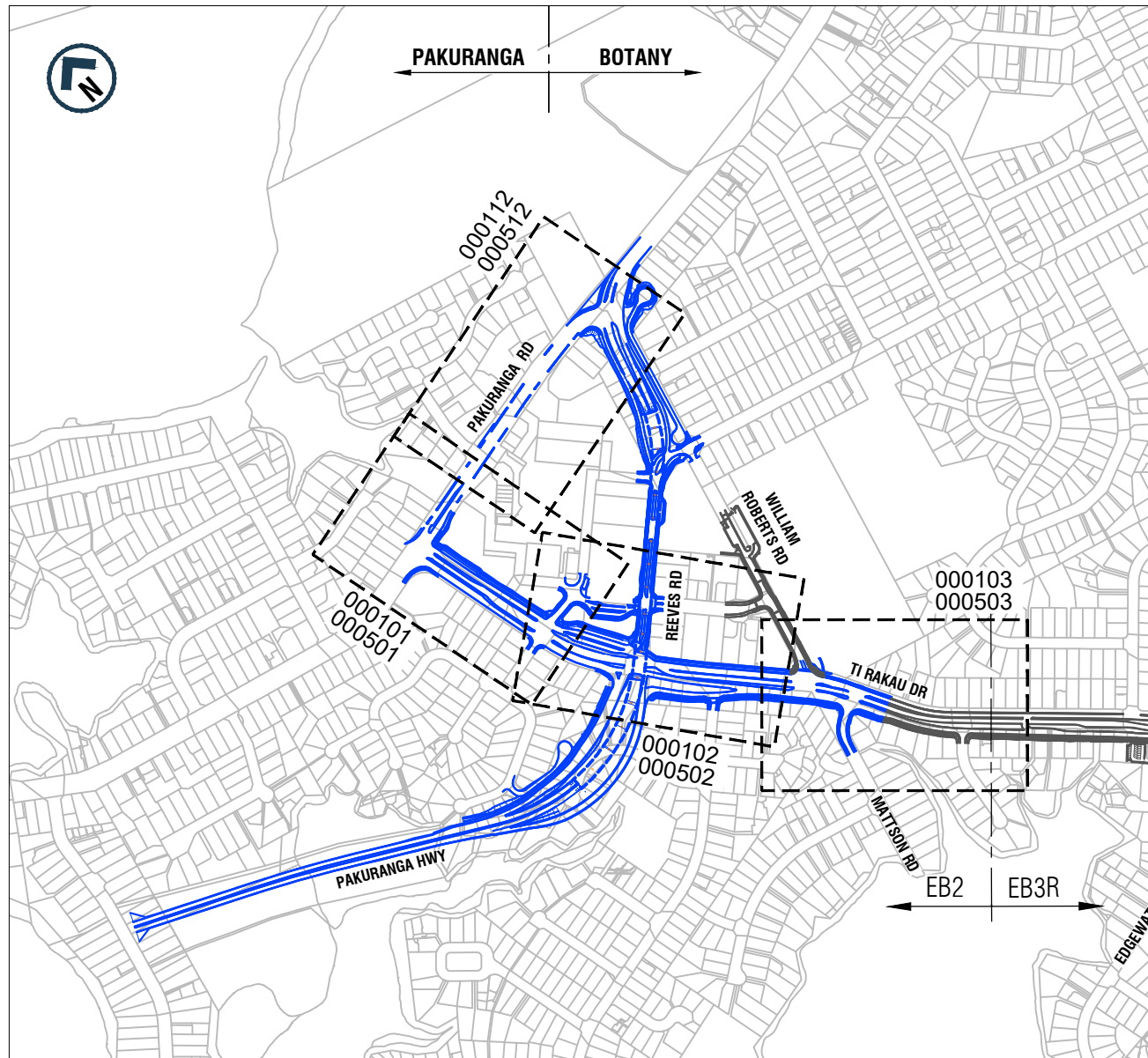
ORIGINAL IN COLOUR

EASTERN BUSWAY

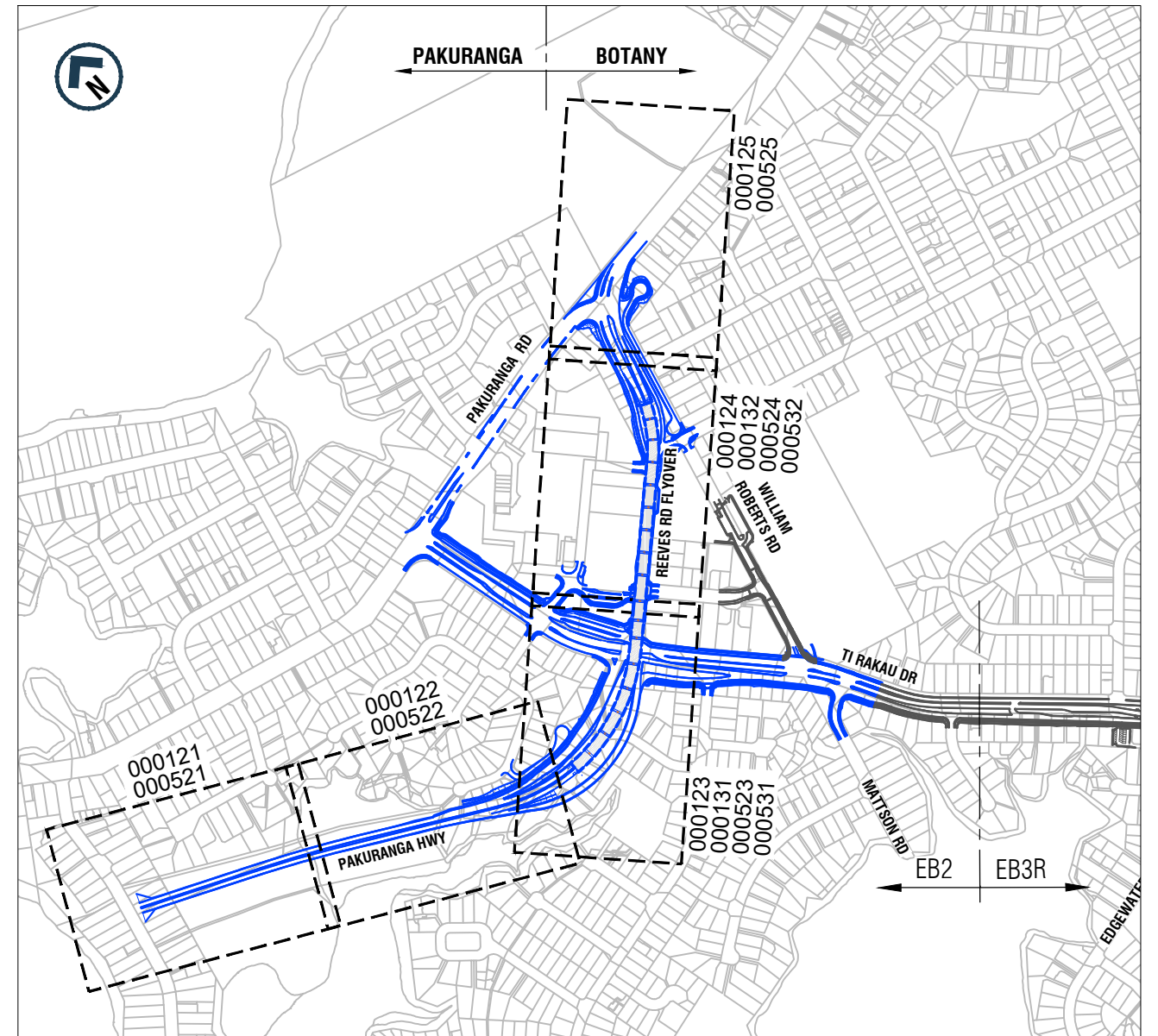
PAKURANGA TO BOTANY TOWN CENTRES

PACKAGE 2SW-00

DRAINAGE



TIRAKAU DRIVE / PAKURANGA ROAD



PAKURANGA HIGHWAY / REEVES ROAD / REEVES FLYOVER

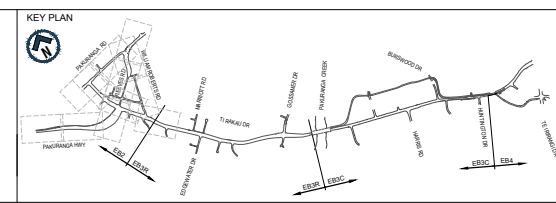
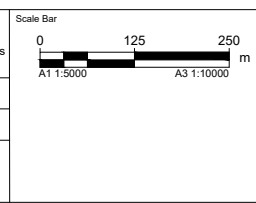
PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

A1 ORIGINAL SIZE
Filename: EB-2-D-2-SW-DG-000002.DWG
Plot By: TAMAYOC (4/20/2022 1:49:41 pm)

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

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Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	22/04/2022		










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

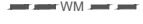







DRAINAGE	
Drawing Title	
KEY PLAN	
Drawing Number	EB-2-D-2-SW-DG-000002
Revision	A

ORIGINAL IN COLOUR

























ROAD GEOMETRY

-  PARCEL BOUNDARY
-  CONTROL LINE
-  RAISED INTERSECTION AND SPEED TABLE
-  RAISED MEDIAN
-  BATTER SLOPE
-  PRAM RAMP
-  BRIDGE PIER


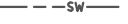


EXISTING SERVICES:

-  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

-  CMA BOUNDARY
-  STORMWATER PIPE
-  PROPOSED MANHOLE
-  GRATED MANHOLE
-  METROPIT
-  METROPIT SIDE
-  CHANNEL CATCHPIT
-  DOUBLE CHANNEL CATCHPIT
-  STANDARD CATCHPIT
-  STANDARD DOUBLE CATCHPIT
-  STREET CATCHPIT (1200mm LINTEL)
-  STREET CATCHPIT (2400mm LINTEL)
-  MEGA PIT
-  BRIDGE / FIELD CATCHPIT
-  BESPOKE MANHOLE
-  HEADWALL
-  PVC PIPE FITTINGS
-  VORTCAPTURE (GROSS POLLUTANT TRAP)
-  GRASSED SWALE
-  ACO DRAIN
-  SUBSOIL DRAIN
-  RAINGARDEN
-  VEGETATED RIPRAP
-  WRR DRAINAGE

EXISTING DRAINAGE

-  EXISTING MANHOLE
-  EXISTING STORMWATER
-  EXISTING STORMWATER TO BE ABANDONED/ REMOVED
-  EB1 STORMWATER

CATCHMENT

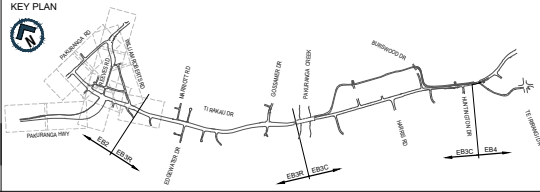
-  ROAD BASE DESIGN CATCHMENT
-  EXTERNAL CATCHMENT
-  FLYOVER CATCHMENT

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE
A1

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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	22/04/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION

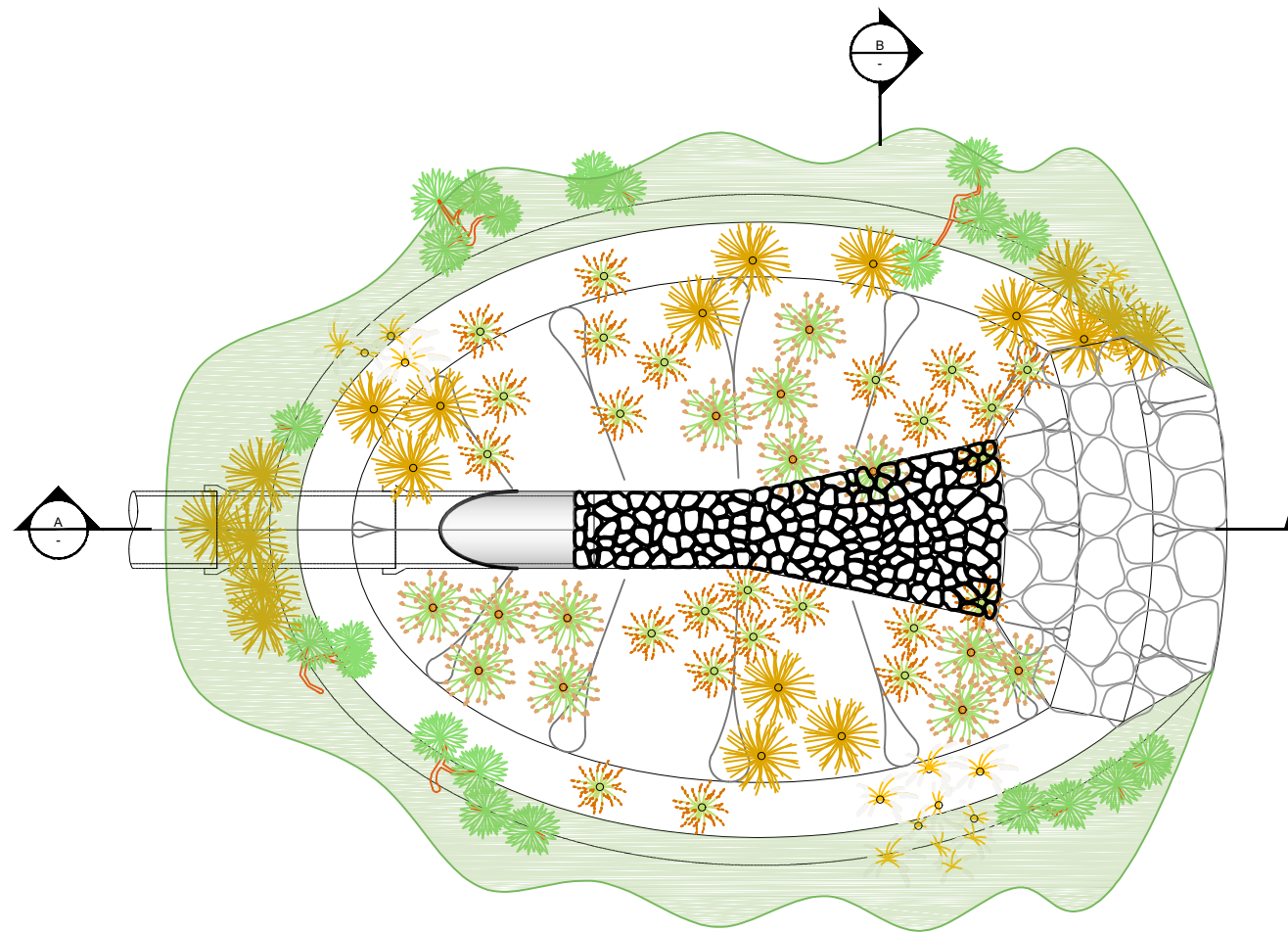


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
 EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)

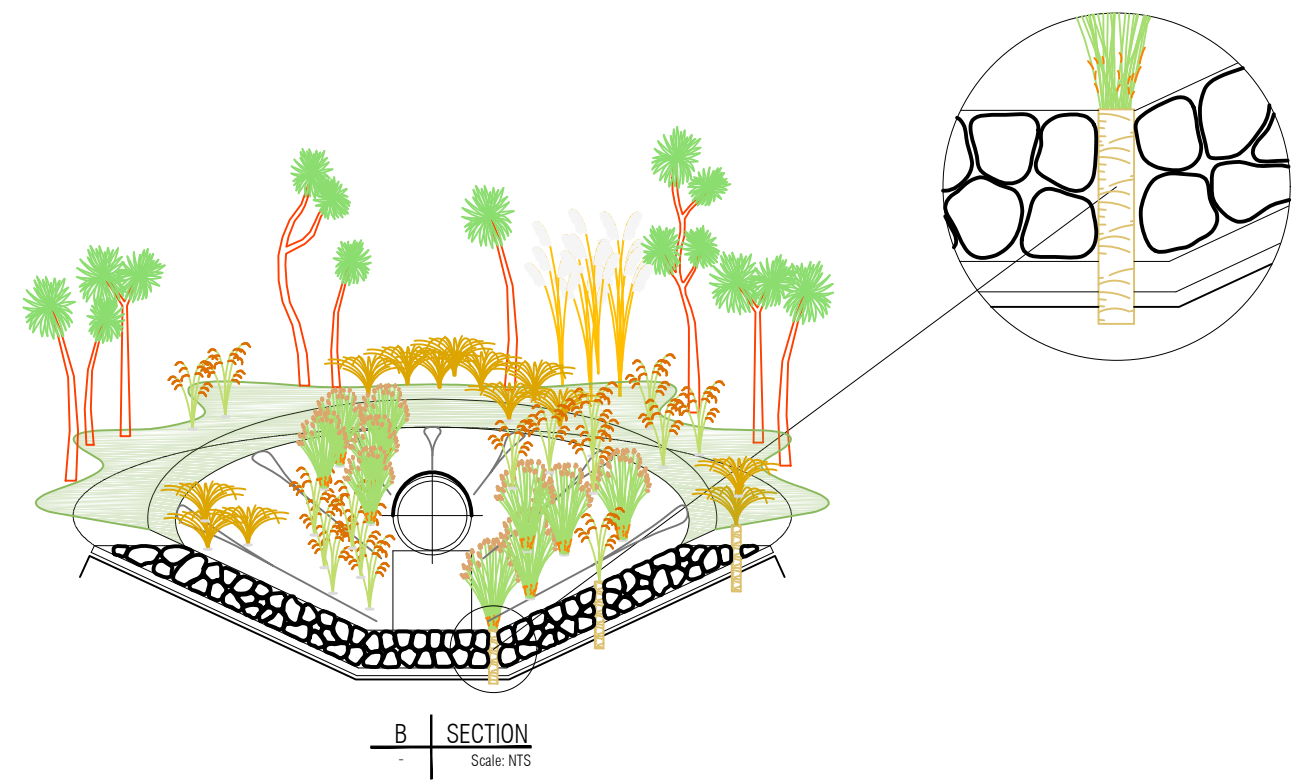


Eastern Busway

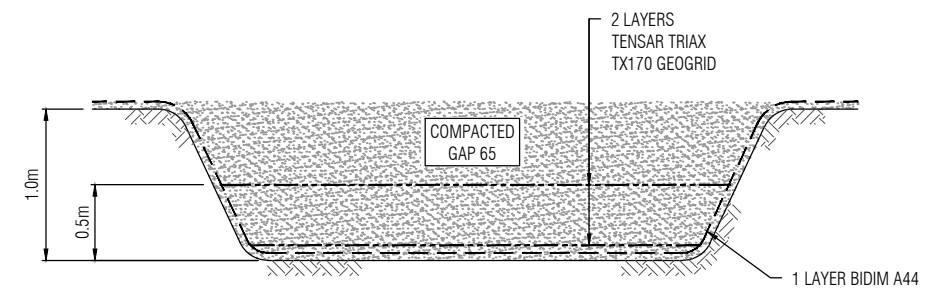
Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		DRAINAGE GENERAL LEGEND	
Vertical Datum		Drawing Number	
2016 NEW ZEALAND		EB-2-D-2-SW-DG-000004	
A1 SCALE	N.T.S	A3 SCALE	N.T.S
Revision		Revision	
A		A	



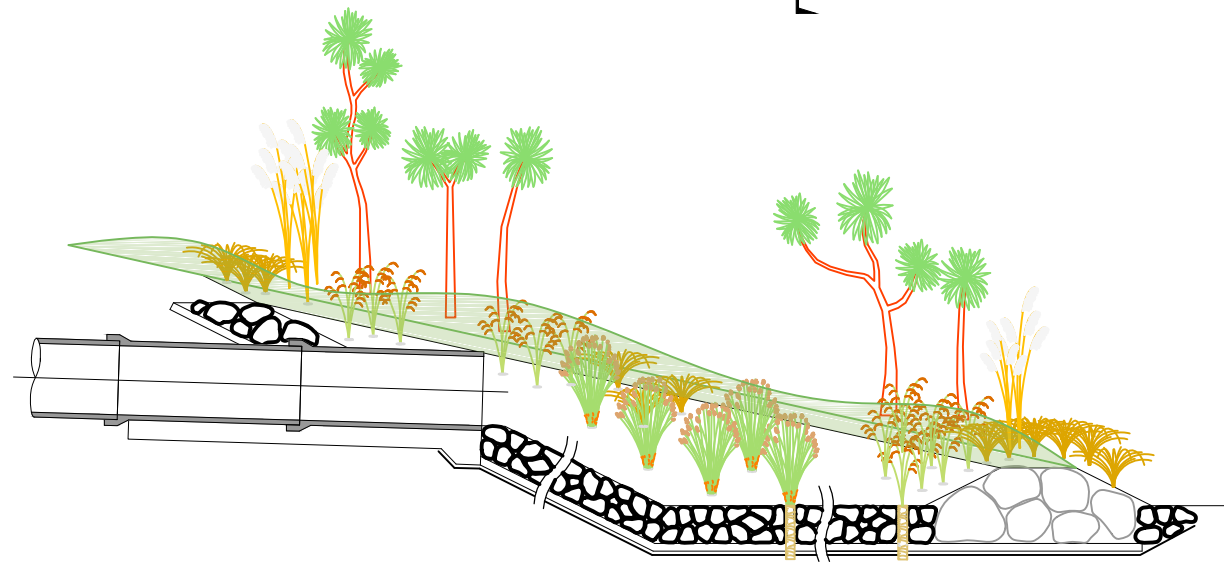
PLAN - TYPICAL OUTFALL DETAILS
Scale: NTS



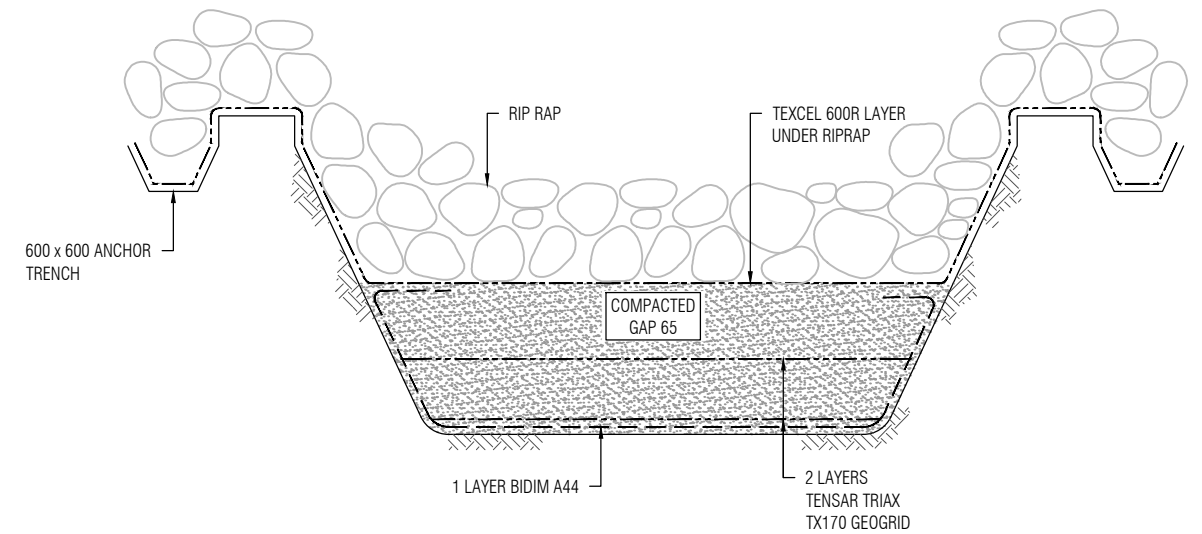
B SECTION
Scale: NTS



TYPICAL ACCESS TRACK / LAYDOWN AREA SECTION
Scale 1:25 (A3)



A SECTION
Scale: NTS



TYPICAL RIP RAP CROSS SECTION
Scale 1:25 (A3)

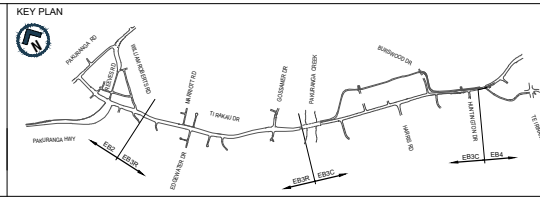
PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

ORIGINAL SIZE A1
 Plot By: TAMAYOC (4/20/2022 1:40:49 pm)
 Filename: EB-2-D-2-SW-DG-000021 000031 - 000053.DWG

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Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	22/04/2022		

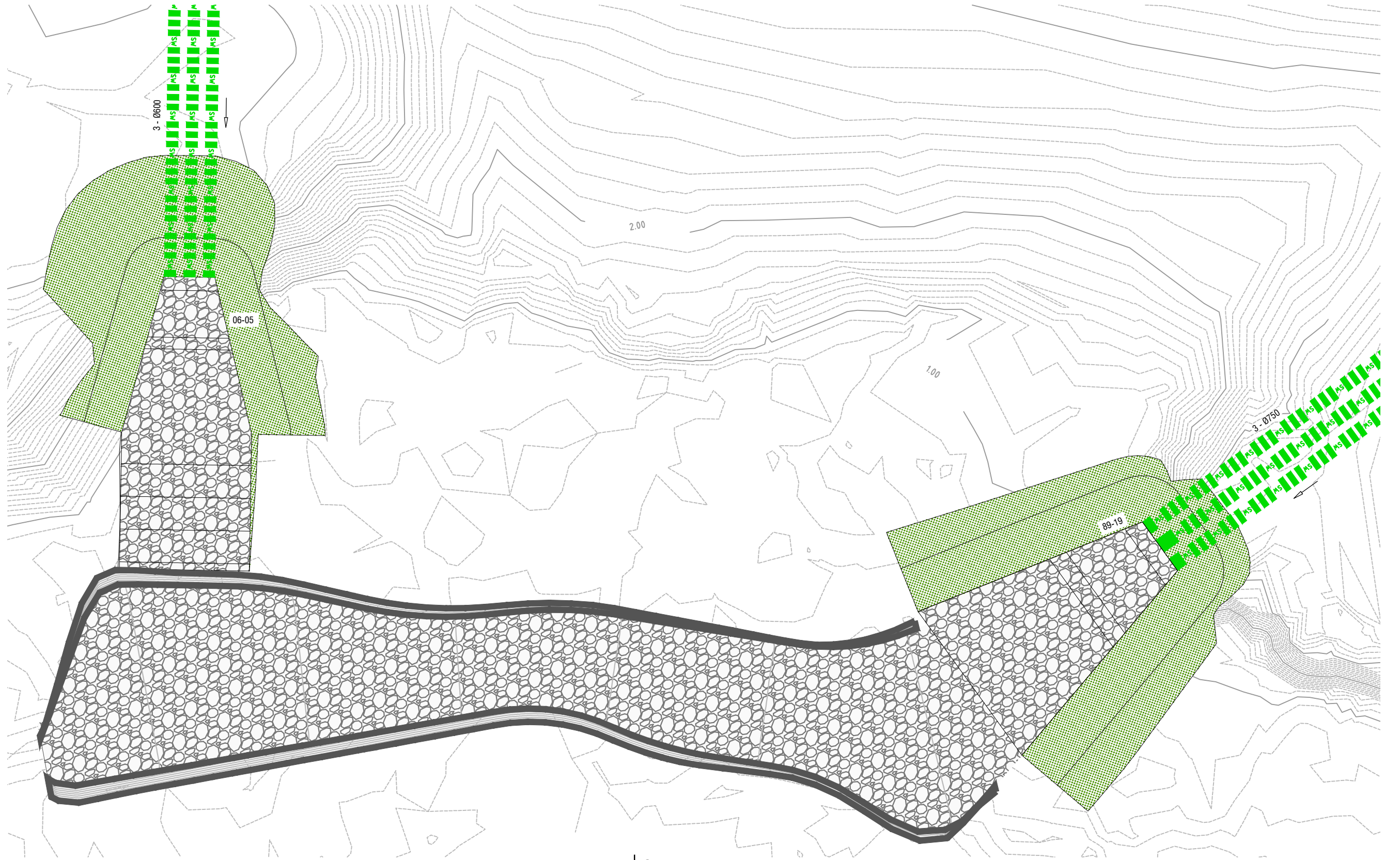


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

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

Design Package	
DRAINAGE	
Drawing Title	
VEGETATED RIPRAP OUTFALL TYPICAL DETAILS	
Drawing Number	EB-2-D-2-SW-DG-000021
Revision	A

ORIGINAL IN COLOUR



PACKAGE No. 2SW-00

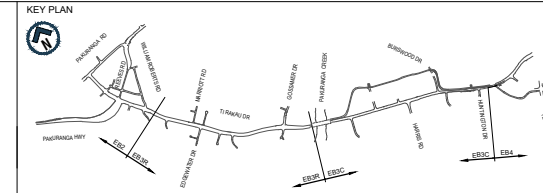
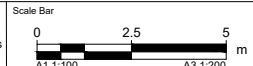
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-SW-DG-000022 - 000028.DWG Plot By: TAMAYOC (4/20/2022 1:30:46 pm)

ORIGINAL SIZE
A1

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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	

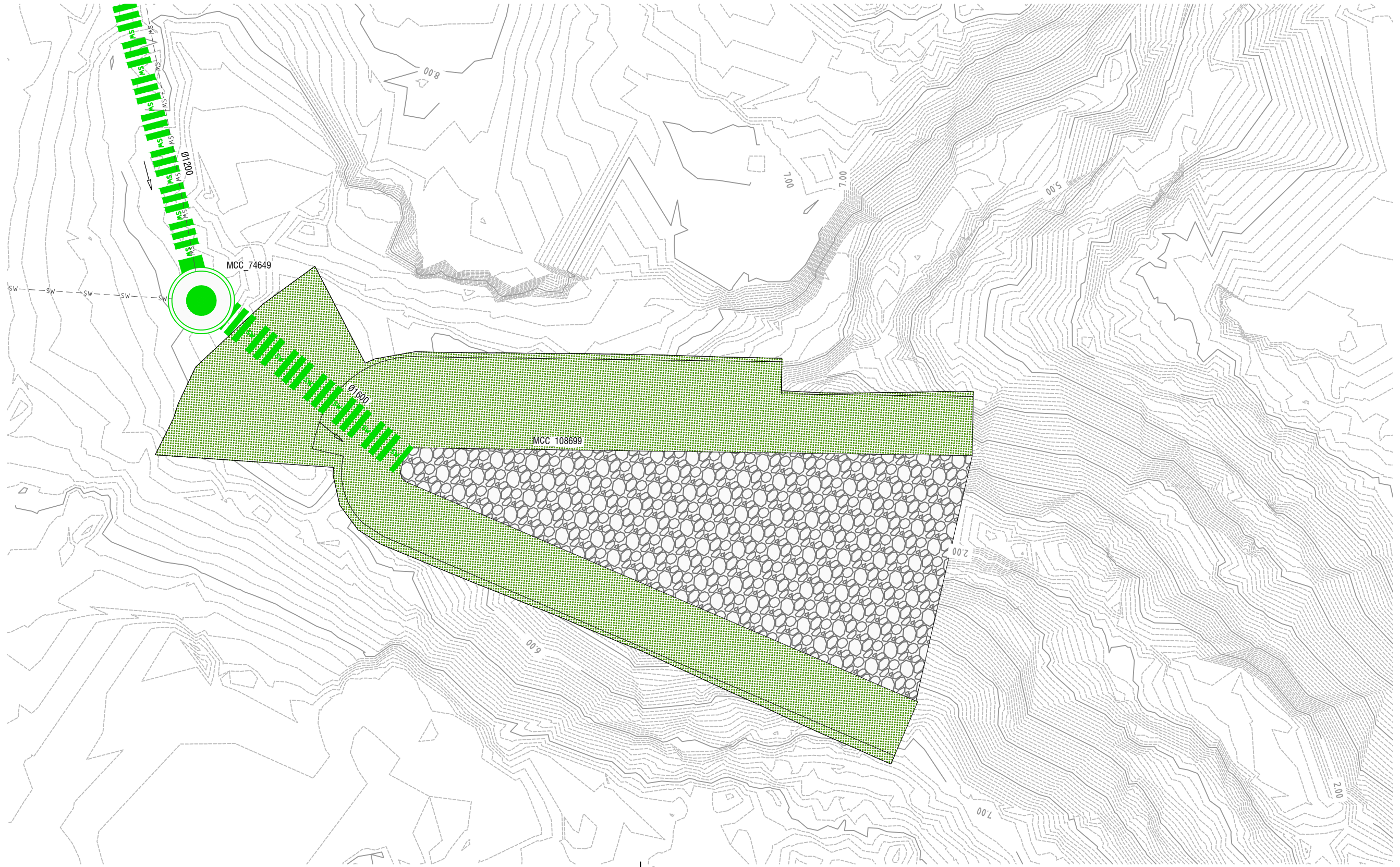


**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)**

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

Design Package	
DRAINAGE	
Drawing Title	
VEGETATED RIPRAP OUTFALL	
06-05 & 89-19	
SHEET 2 OF 8	
Drawing Number	EB-2-D-2-SW-DG-000022
Revision	A

ORIGINAL IN COLOUR



1 | **OUTFALL DETAIL**
000103 | Scale 1:100 (A1)

PACKAGE No. 2SW-00

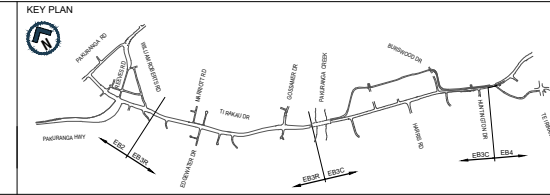
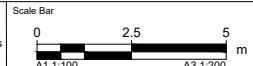
NOT FOR CONSTRUCTION

Filename: EB-2-D-2-SW-DG-000022 - 000029.DWG Plot By: TAMAYOC (4/20/2022 9:49:40 pm)

ORIGINAL SIZE
A1

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Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
Date	22/04/2022		



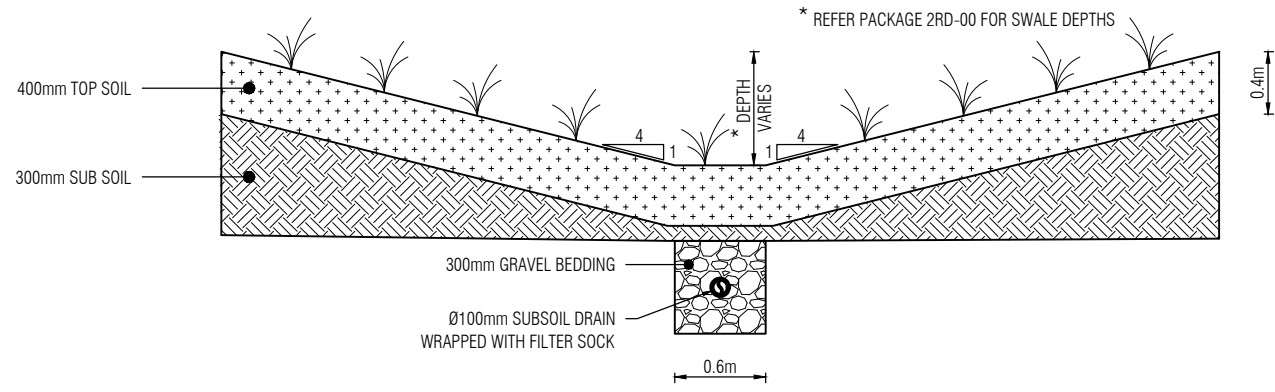
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

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

Design Package	
Drawing Title	
VEGETATED RIPRAP OUTFALL	
MCC_108699	
SHEET 7 OF 8	
Drawing Number	EB-2-D-2-SW-DG-000027
Revision	A

ORIGINAL IN COLOUR

Filename: EB-2-D-2-SW-DG-000021 000031 - 000053.DWG Plot By: TAMAYOC (4/20/2022 1:40:49 pm)



TYPICAL DETAIL - SWALE (WITH NATIVE GRASS, REFER PACKAGE 2UD-00 FOR FURTHER DETAILS)
Scale 1:50 (A3)

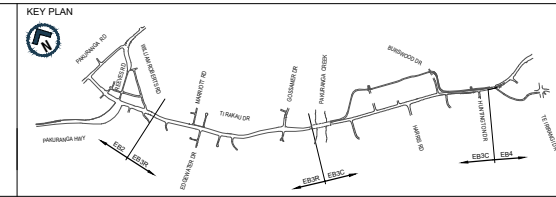
ORIGINAL SIZE
A1

ORIGINAL IN COLOUR

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Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	22/04/2022		
Approver Signature			

Scale Bar



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

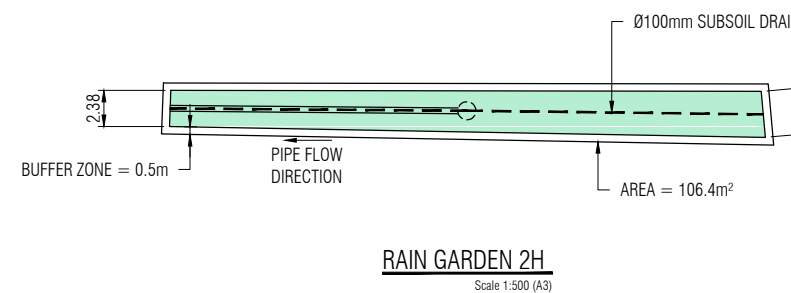
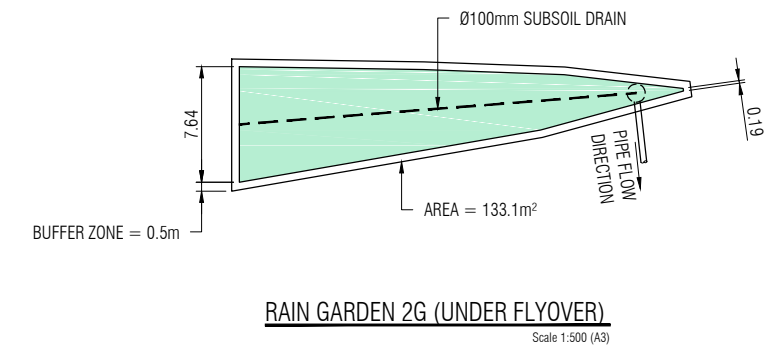
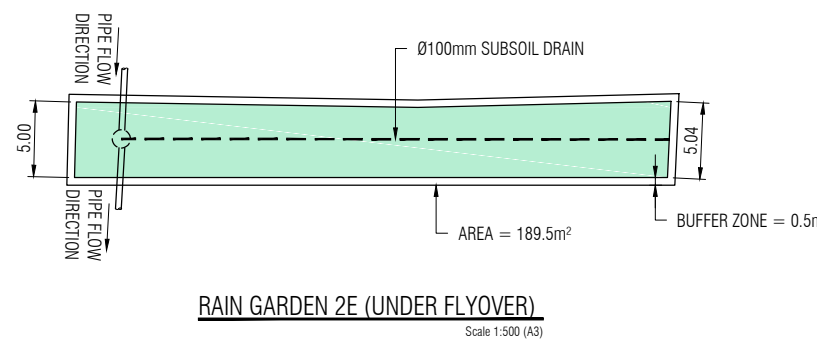
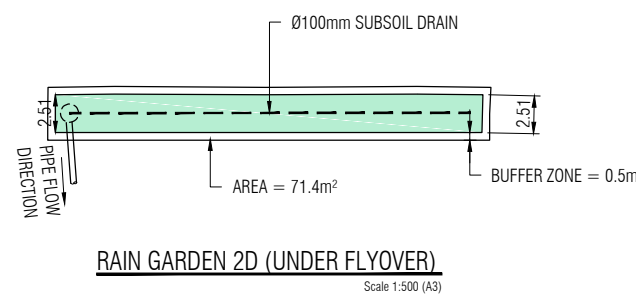
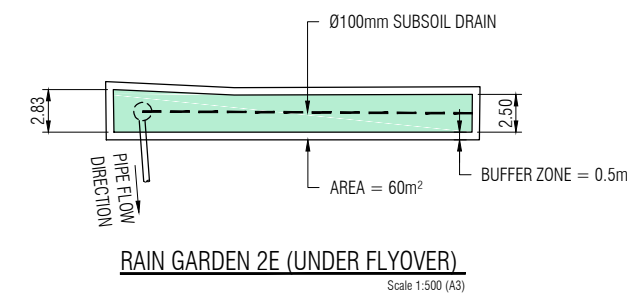
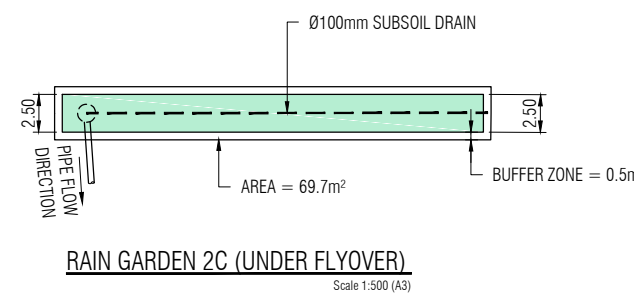
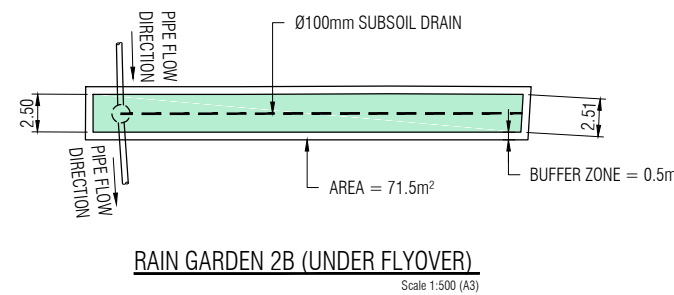
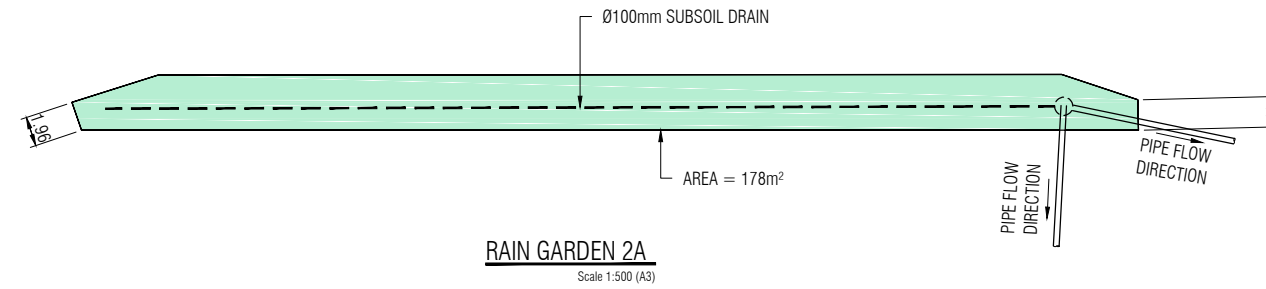
Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		DRAINAGE GRASSED SWALE SHEET 1 OF 3	
Vertical Datum			
2016 NEW ZEALAND		Drawing Number	
A1 SCALE	1:25	A3 SCALE	1:50

PACKAGE No. 2SW-00		NOT FOR CONSTRUCTION	
Revision		Revision	
A		A	

EB-2-D-2-SW-DG-000031

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- REFER TO DRAWING NOS. EB-2-D-2-SW-DG-000101 TO DG-000103, EB-2-D-2-SW-DG-000112, EB-2-D-2-SW-DG-000121 TO DG-000125 AND EB-2-D-2-SW-DG-000131 TO DG-000132 FOR DRAINAGE PLANS.
- PROVIDE FILTER SOCK AROUND THE SUBSOIL TO PREVENT CLOGGING.



PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

Plot By: TAMAYO (4/20/2022 1:40:49 pm)

Filename: EB-2-D-2-SW-DG-000021 000031 - 000053.DWG

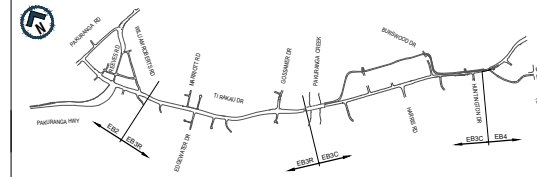
ORIGINAL SIZE
A1

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

Scale Bar

KEY PLAN



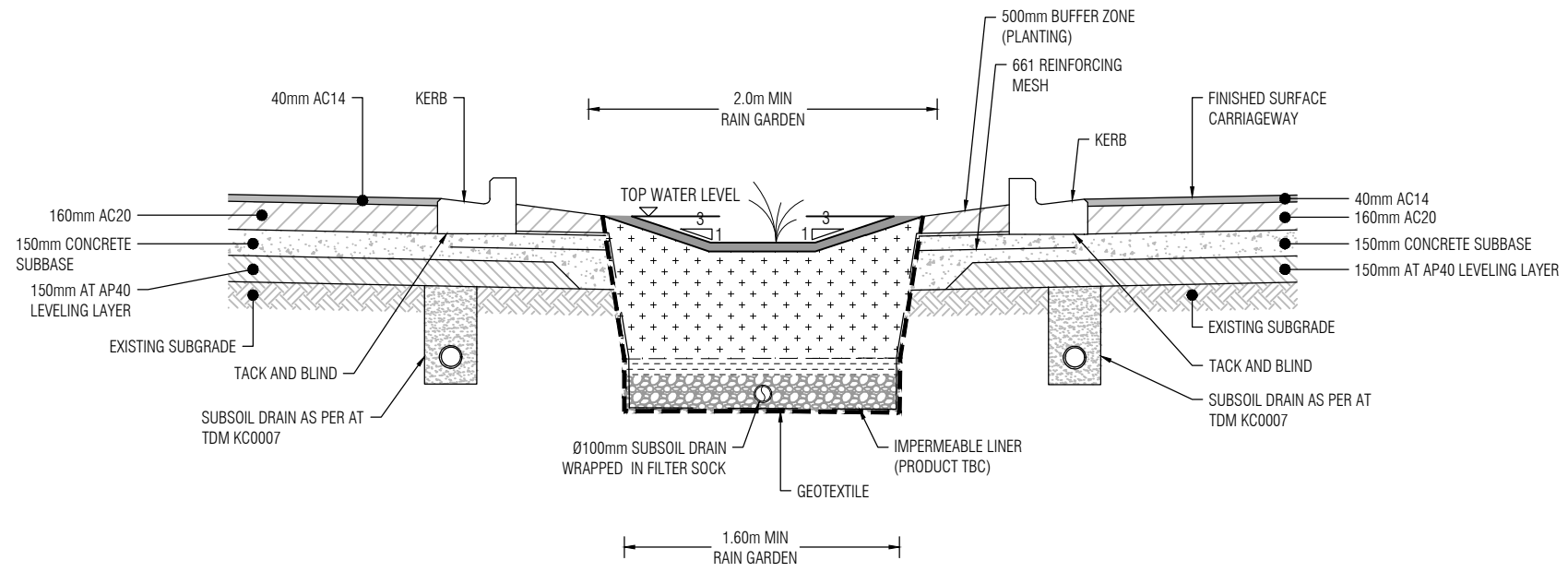
AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)



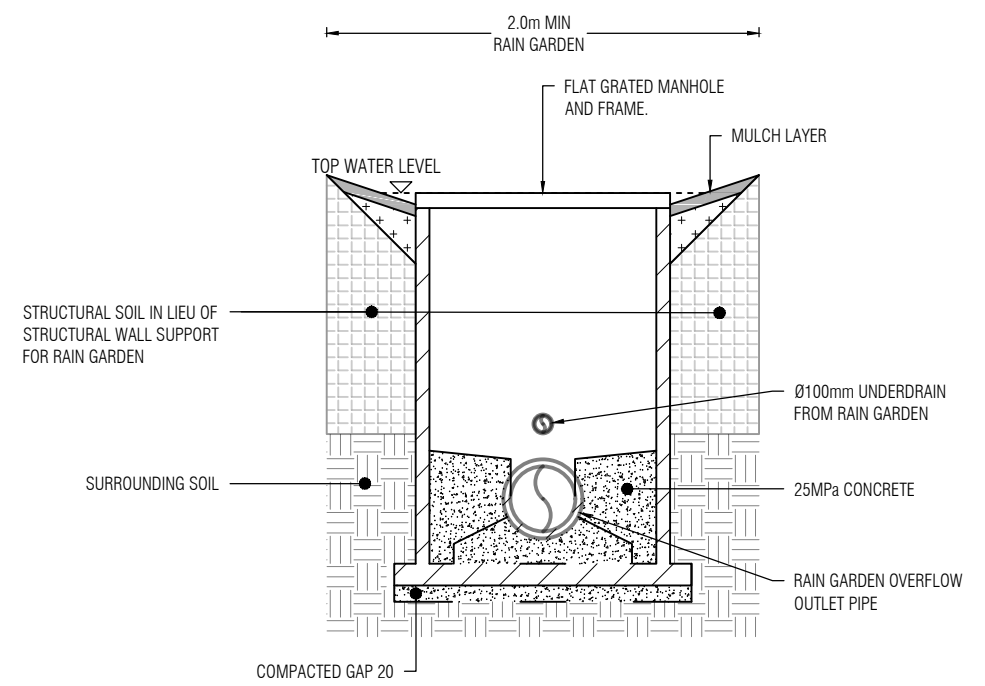
Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title DRAINAGE RAINGARDEN SHEET 1	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-2-SW-DG-000041	
A1 SCALE 1:25	A3 SCALE 1:50	Revision A	

ORIGINAL IN COLOUR

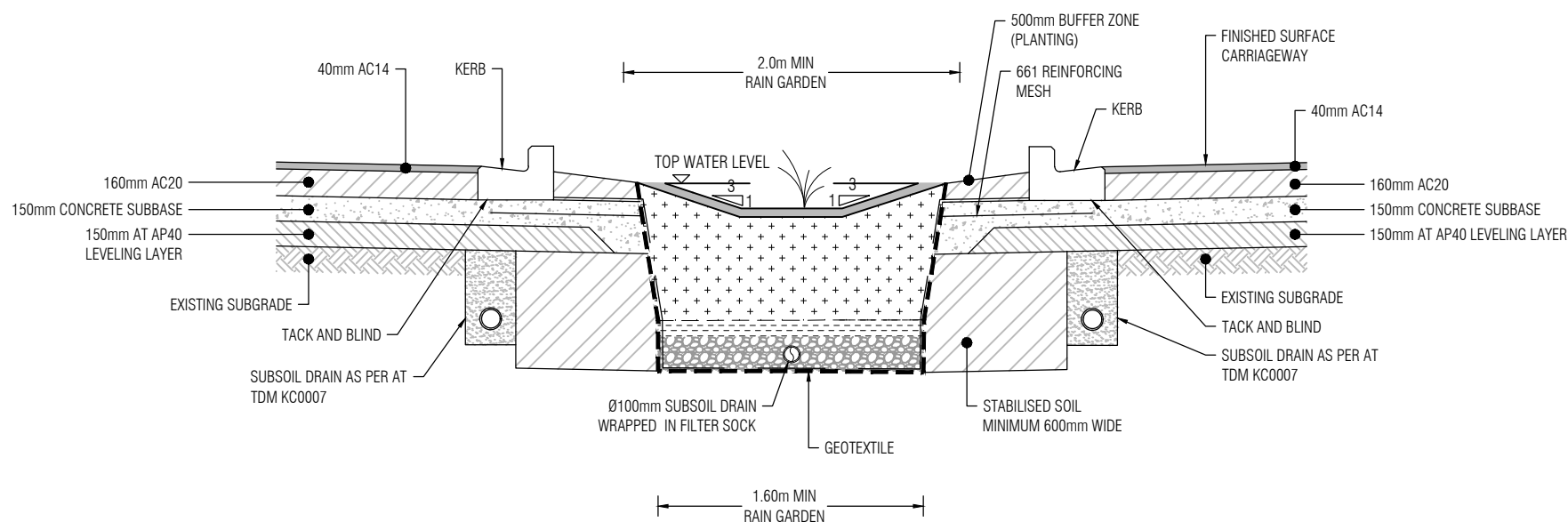
Plot By: TAMAYOC (4/21/2022 9:09:39 am)
 Filename: EB-2-D-2-SW-DG-000021 000031 - 000053.DWG



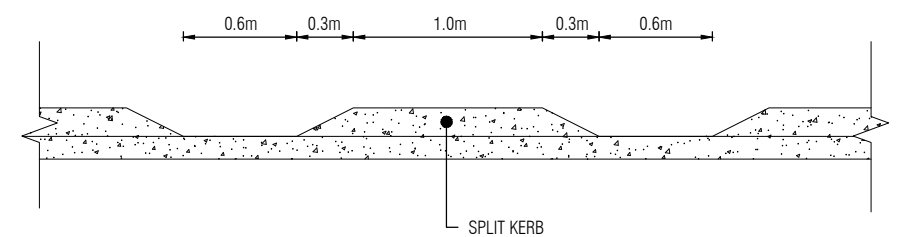
A TYPICAL DETAIL - RAIN GARDEN (OPTION 1)
 000021 | Scale 1:40 (A3)



B TYPICAL DETAIL - RAIN GARDEN OUTLET MANHOLE
 000021 | Scale 1:50 (A3)



A TYPICAL DETAIL - RAIN GARDEN (OPTION 2)
 000021 | Scale 1:40 (A3)



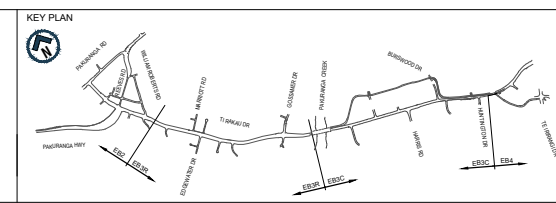
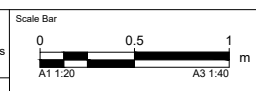
TYPICAL DETAIL - SPLIT KERB AND CHANNEL LONG SECTION
 Scale 1:40 (A3)

ORIGINAL SIZE



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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	

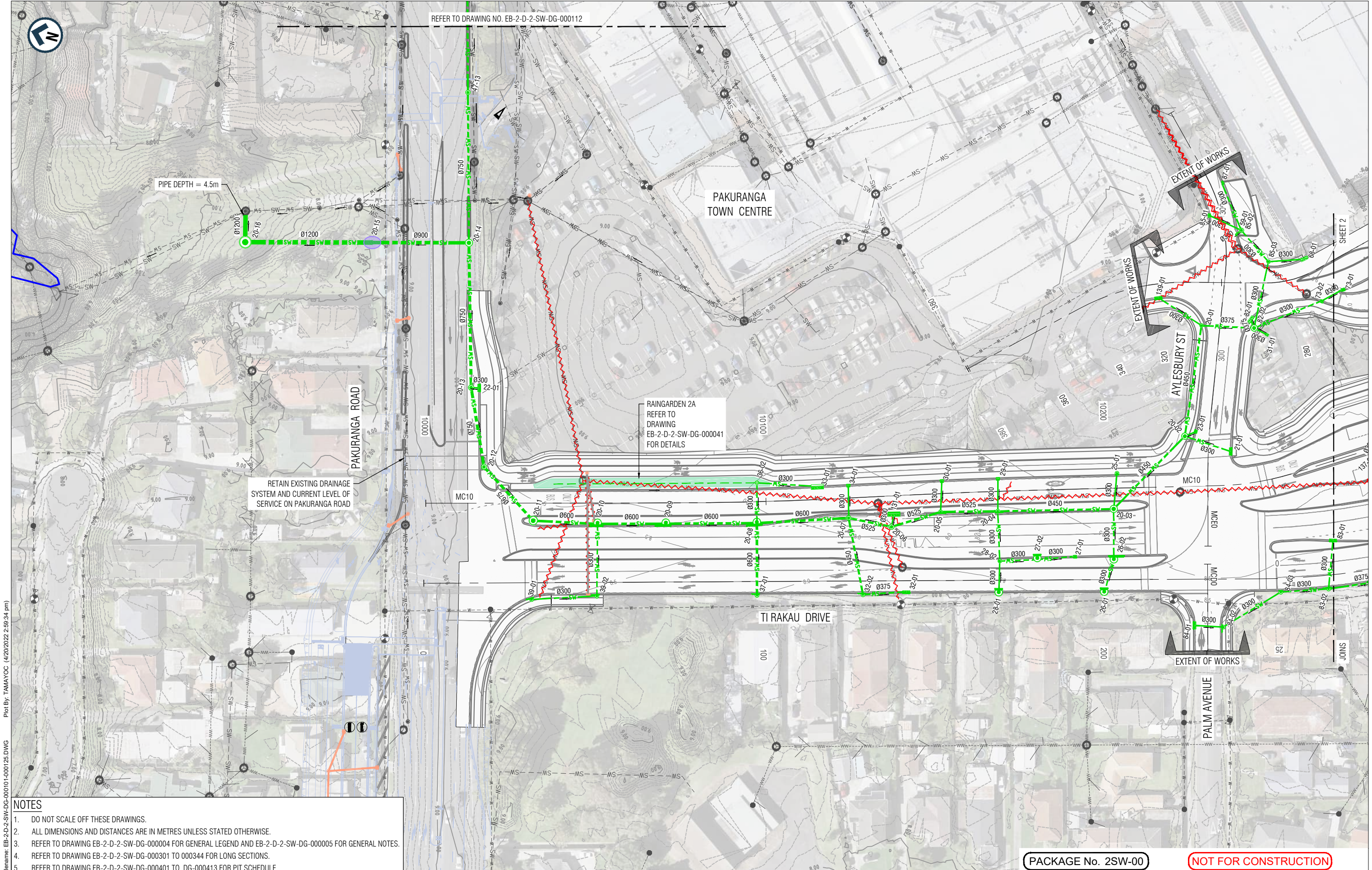


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title DRAINAGE RAIN GARDEN SHEET 2	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-2-SW-DG-000042	
A1 SCALE 1:25	A3 SCALE 1:50	Revision A	

PACKAGE No. 2SW-00

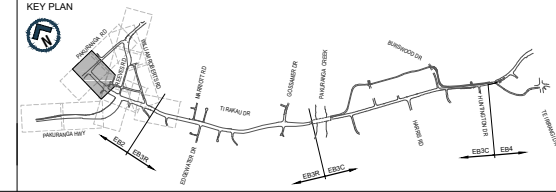
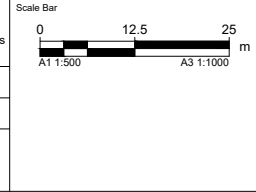
NOT FOR CONSTRUCTION



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

- 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.

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

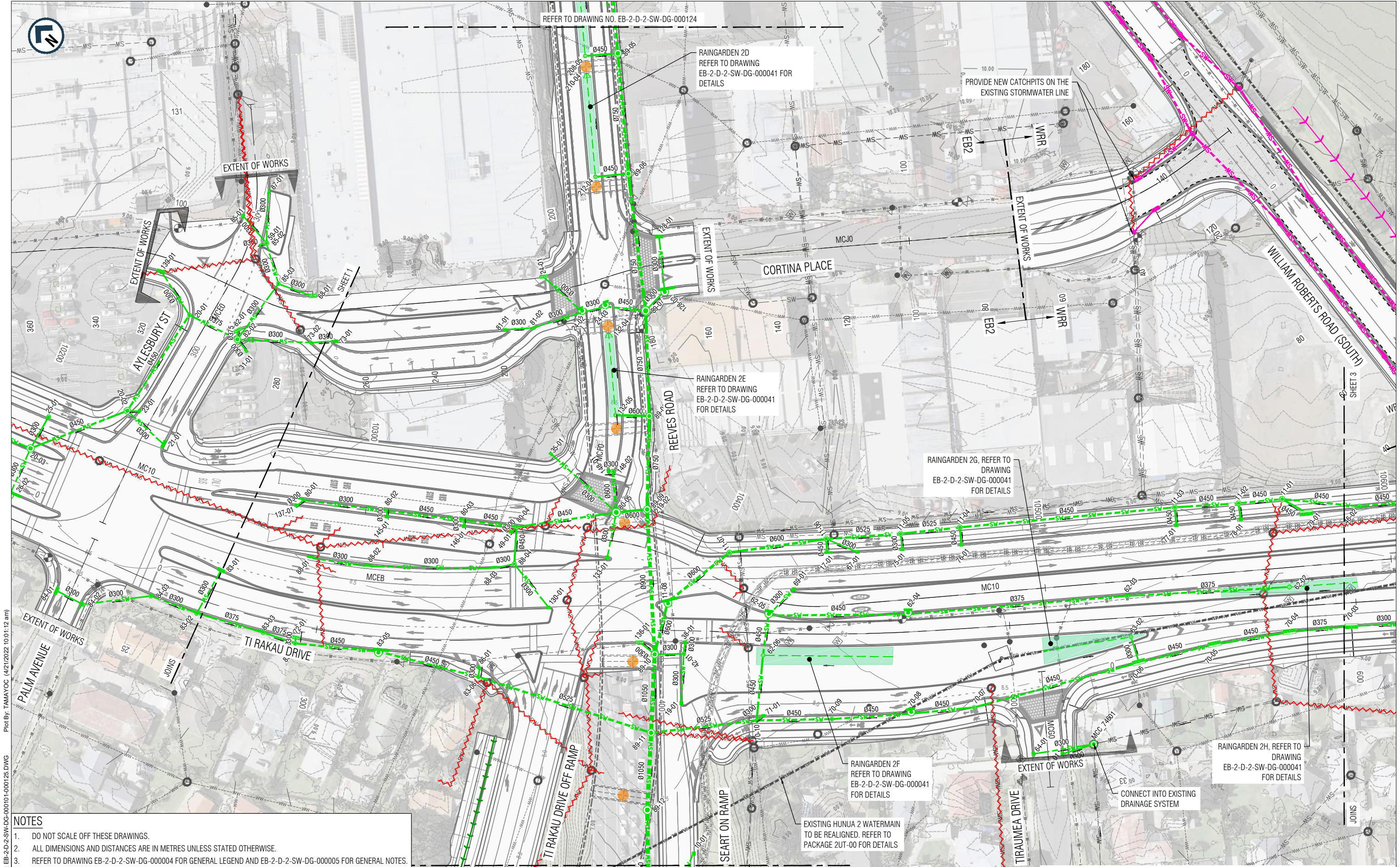


AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
EASTERN BUSWAY ALLIANCE
(PAKURANGA TO BOTANY)

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title	
Vertical Datum 2016 NEW ZEALAND		Revision	
A1 SCALE: 1:500	A3 SCALE: 1:1000	Drawing Number	EB-2-D-2-SW-DG-000101

PACKAGE No. 2SW-00
NOT FOR CONSTRUCTION
DRAINAGE
TIRAKAU DRIVE
DRAINAGE LAYOUT PLAN
SHEET 1 OF 3
 Revision: A

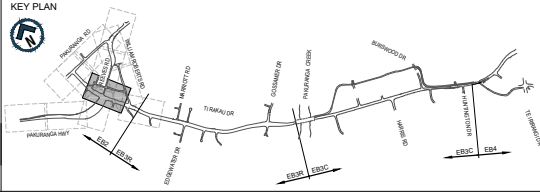
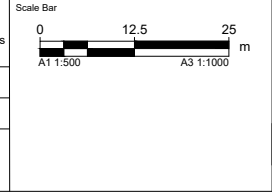




File name: EB-2-D-2-SW-DG-000101-000125.DWG
 Plot by: TAMAYOC (4/21/2022 10:11:12 am)

- 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.

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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)

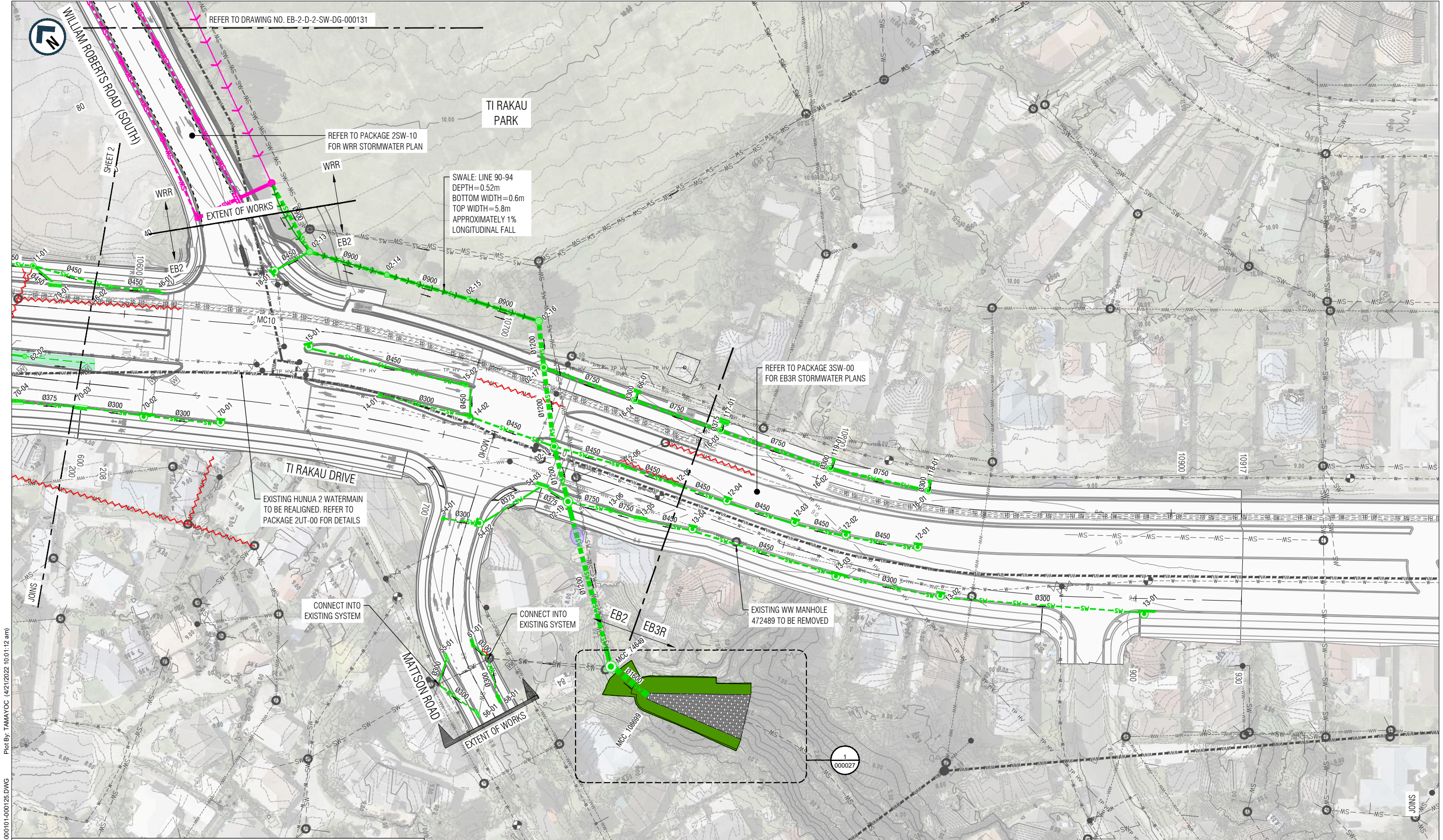
Drawing Status		Design Package	
Horizontal Datum		Drawing Title	
NZGD 2000 MOUNT EDEN CIRCUIT		TIRAKAU DRIVE DRAINAGE LAYOUT PLAN	
Vertical Datum		SHEET 2 OF 3	
2016 NEW ZEALAND		Drawing Number	
A1 SCALE 1:500		EB-2-D-2-SW-DG-000102	
A3 SCALE 1:1000		Revision	
		A	

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

DRAINAGE
TIRAKAU DRIVE
DRAINAGE LAYOUT PLAN
SHEET 2 OF 3





REFER TO DRAWING NO. EB-2-D-2-SW-DG-000131

REFER TO PACKAGE 2SW-10 FOR WRR STORMWATER PLAN

SWALE: LINE 90-94
 DEPTH=0.52m
 BOTTOM WIDTH=0.6m
 TOP WIDTH=5.8m
 APPROXIMATELY 1% LONGITUDINAL FALL

REFER TO PACKAGE 3SW-00 FOR EB3R STORMWATER PLANS

EXISTING HUNUA 2 WATERMAIN TO BE REALIGNED. REFER TO PACKAGE 2UT-00 FOR DETAILS

CONNECT INTO EXISTING SYSTEM

CONNECT INTO EXISTING SYSTEM

EXISTING WW MANHOLE 472489 TO BE REMOVED

Plot By: TAMAYOC (4/21/2022 10:01:12 am)
 Filename: EB-2-D-2-SW-DG-000101-000125.DWG

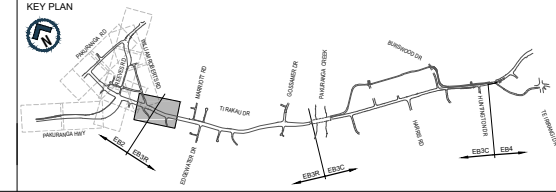
- NOTES**
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 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

DESIGNED	H. Xue	CHECKED	P. May
DRAWN	C. Tamayo	CHECKED	M. Dalvi
APPROVED	S. Jones		
DATE	22/04/2022	Approver Signature	

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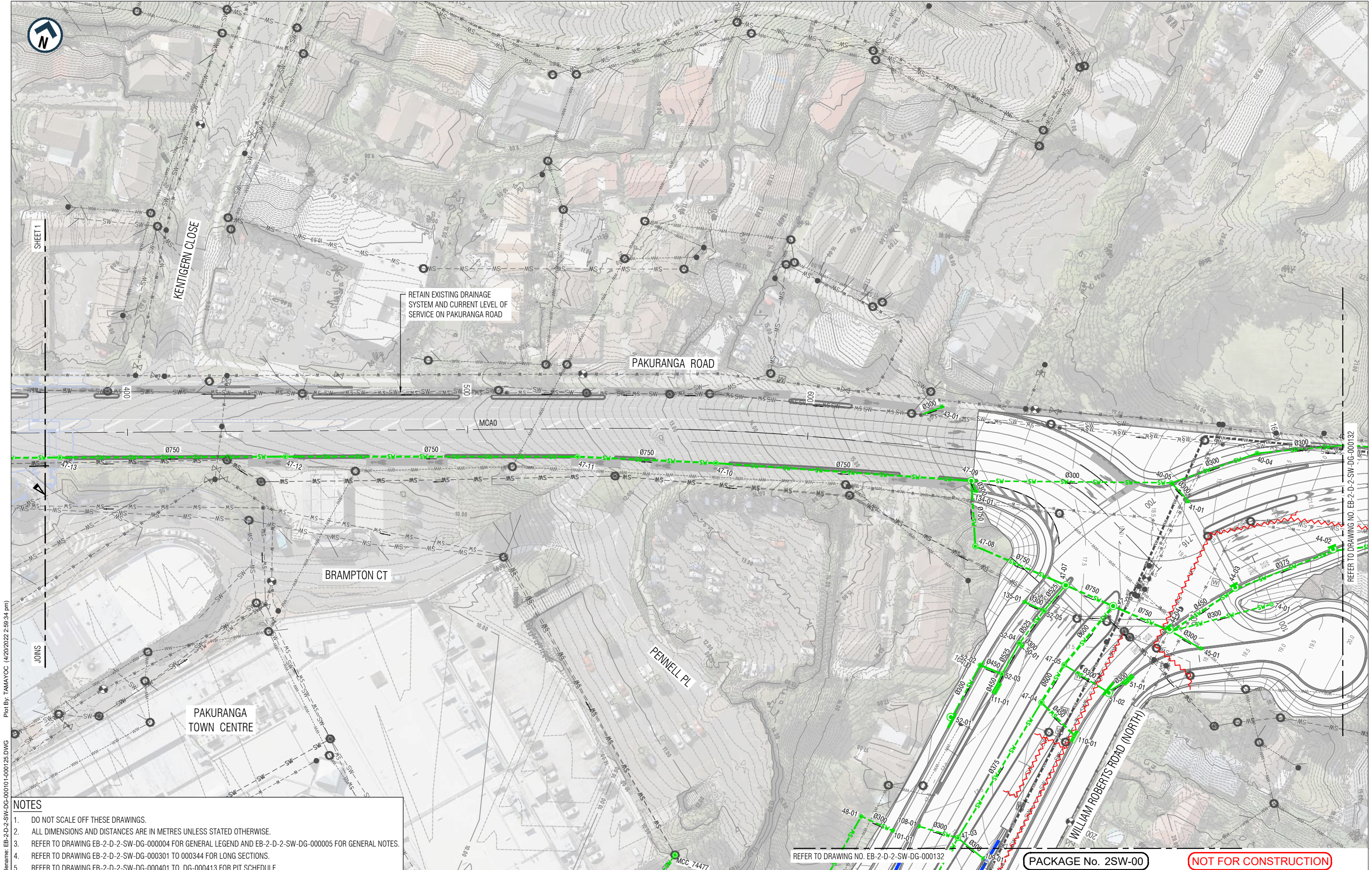


**AUCKLAND MANUKAU EASTERN TRANSPORT INITIATIVE
 EASTERN BUSWAY ALLIANCE
 (PAKURANGA TO BOTANY)**

Drawing Status		Design Package	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title DRAINAGE TIRAKAU DRIVE DRAINAGE LAYOUT PLAN SHEET 3 OF 3	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-D-2-SW-DG-000103	
A1 SCALE 1:500	A3 SCALE 1:1000	Revision A	

ORIGINAL SIZE
A1

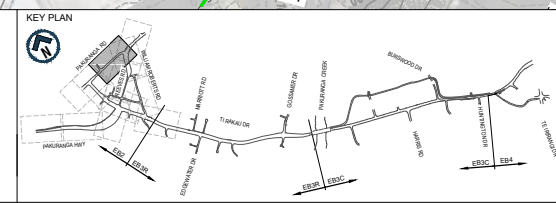




- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
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 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

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

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

DRAINAGE	
PAKURANGA ROAD DRAINAGE LAYOUT PLAN	
Drawing Number	Revision
EB-2-D-2-SW-DG-000112	A

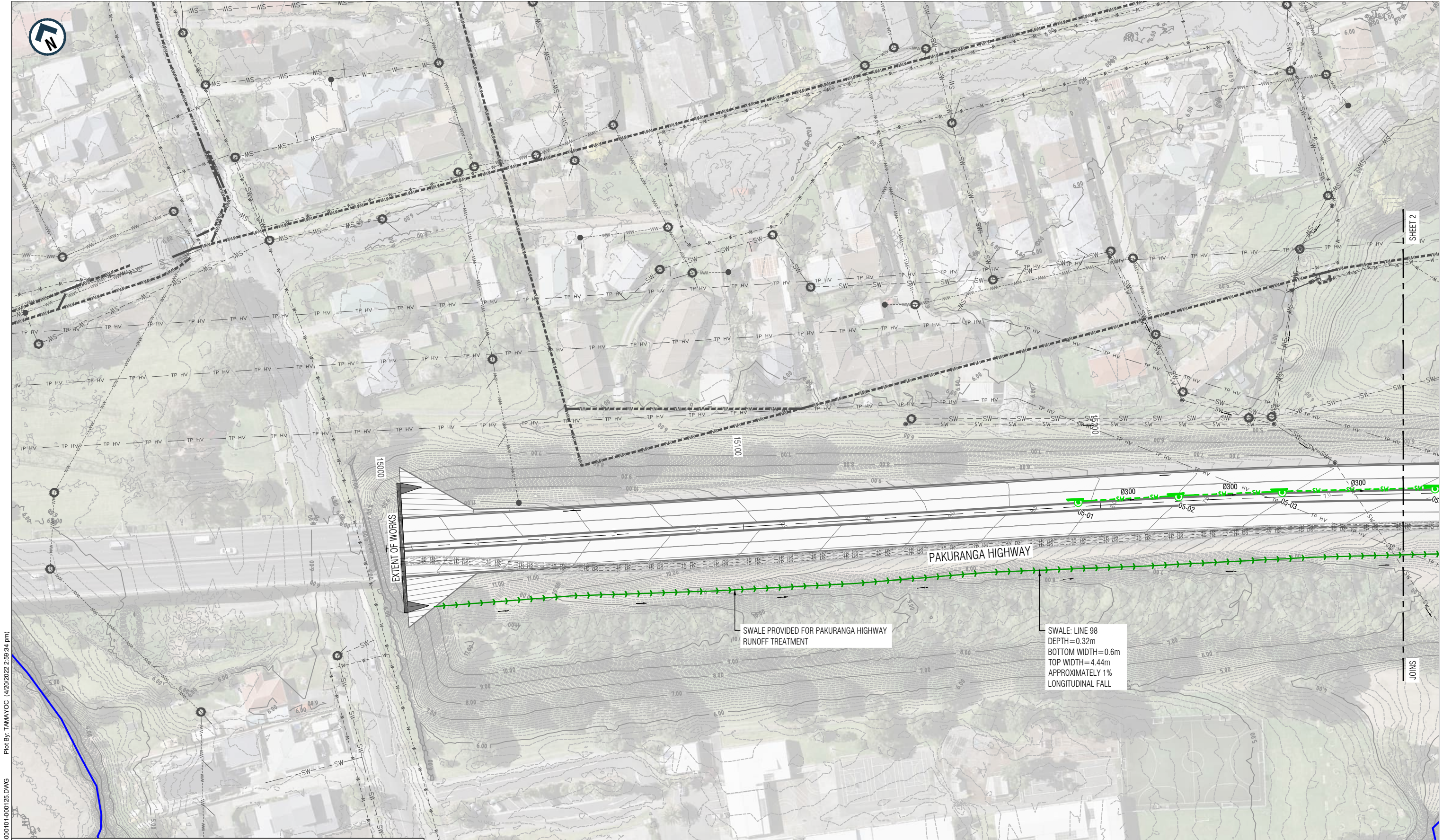
ORIGINAL SIZE A1
 File name: EB-2-D-2-SW-DG-000101-000125.DWG
 Plot by: TAMAYOC (4/20/2022 2:59:34 pm)

REFER TO DRAWING NO. EB-2-D-2-SW-DG-000132

REFER TO DRAWING NO. EB-2-D-2-SW-DG-000132

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

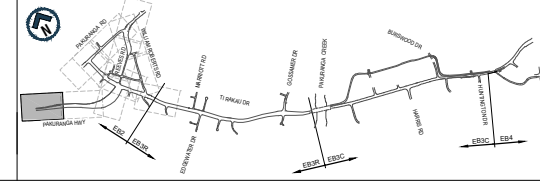
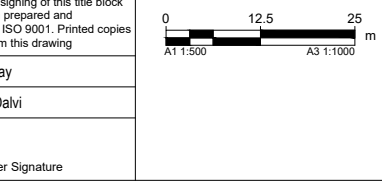


Plot By: TAMAYOC (4/20/2022 2:59:34 pm)
 Filename: EB-2-D-2-SW-DG-000101-000125.DWG

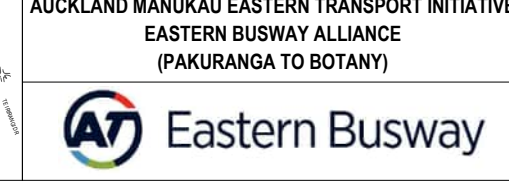
- NOTES**
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 - REFER TO DRAWING EB-2-D-2-SW-DG-000004 FOR GENERAL LEGEND AND EB-2-D-2-SW-DG-000005 FOR GENERAL NOTES.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones	Approver Signature	
REV	DATE	DRAWN	REVISION DESCRIPTION
A	22/04/2022	C. Tamayo	ISSUED FOR STAGE 1 SUBMISSION

EXTENT OF WORKS



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



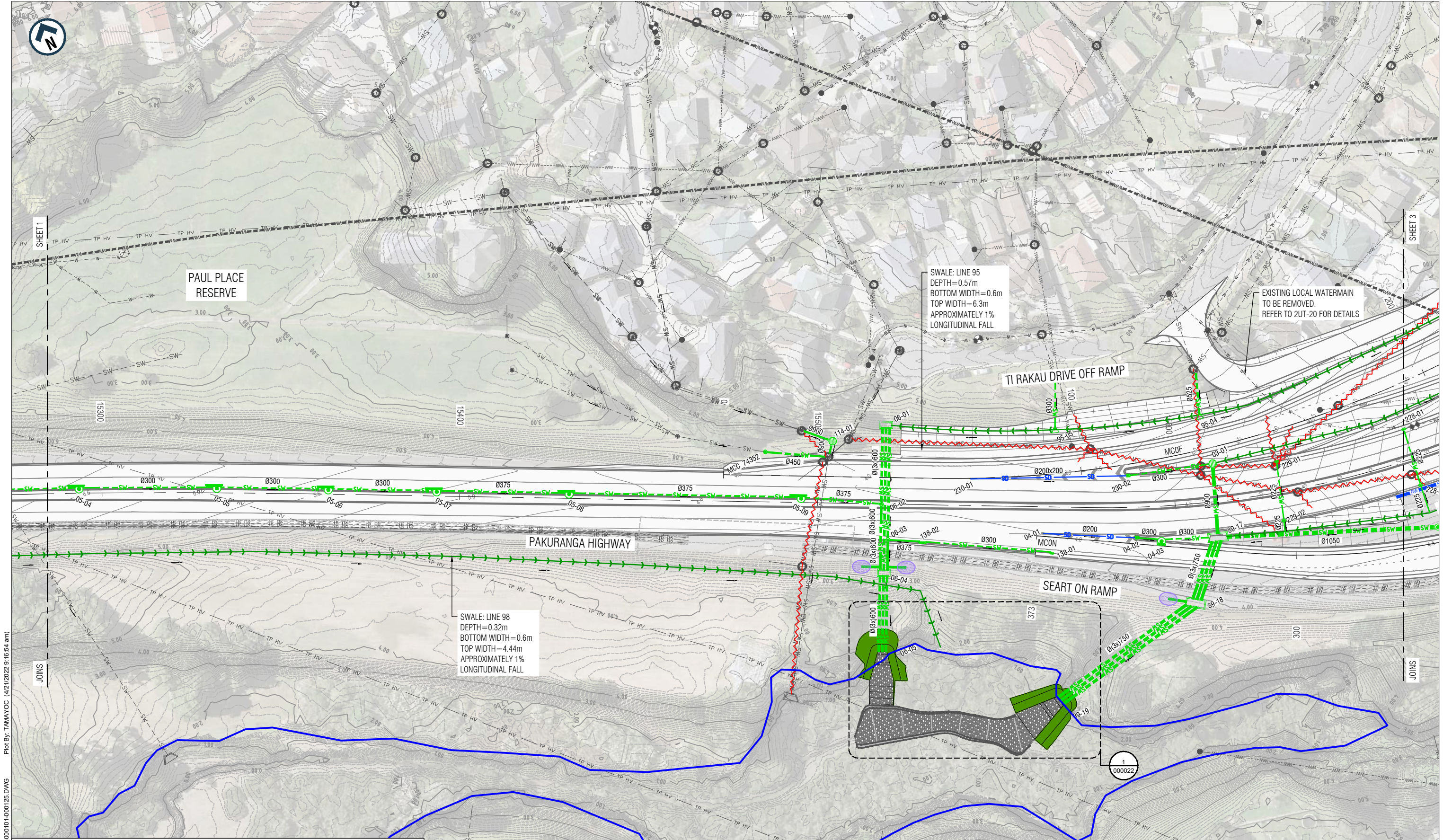
PACKAGE No. 2SW-00

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

NOT FOR CONSTRUCTION

DRAINAGE	
Design Title PAKURANGA HIGHWAY/ REEVES ROAD DRAINAGE LAYOUT PLAN SHEET 1 OF 5	
Drawing Number	EB-2-D-2-SW-DG-000121
Revision	A

ORIGINAL SIZE
A1
ORIGINAL IN COLOUR



PAUL PLACE RESERVE

SWALE: LINE 95
 DEPTH=0.57m
 BOTTOM WIDTH=0.6m
 TOP WIDTH=6.3m
 APPROXIMATELY 1%
 LONGITUDINAL FALL

EXISTING LOCAL WATERMAIN
 TO BE REMOVED.
 REFER TO 2UT-20 FOR DETAILS

SWALE: LINE 98
 DEPTH=0.32m
 BOTTOM WIDTH=0.6m
 TOP WIDTH=4.44m
 APPROXIMATELY 1%
 LONGITUDINAL FALL

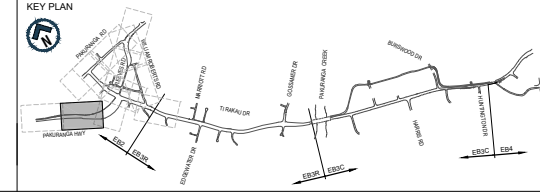
- NOTES**
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 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
 - REFER TO DRAWING EB-2-D-2-SW-DG-000401 TO DG-000413 FOR PIT SCHEDULE.

PACKAGE No. 2SW-00

NOT FOR CONSTRUCTION

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

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)

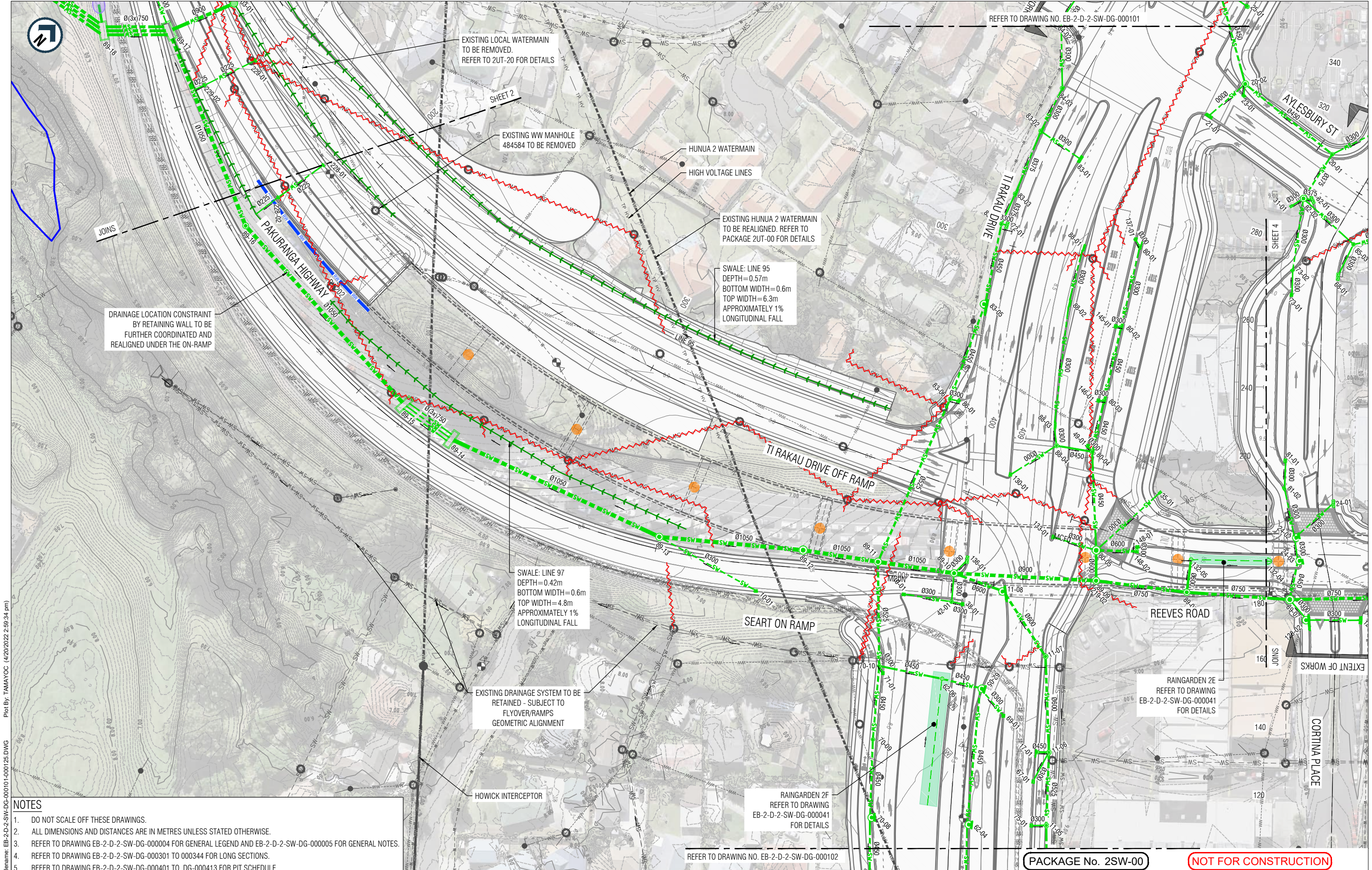
Drawing Status	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

Design Package	
DRAINAGE	
Drawing Title	
PAKURANGA HIGHWAY/ REEVES ROAD	
DRAINAGE LAYOUT PLAN	
SHEET 2 OF 5	
Drawing Number	EB-2-D-2-SW-DG-000122
Revision	A

ORIGINAL SIZE
 A1



Plot By: TAMAYOC (4121/2022 9:16:54 am)
 Filename: EB-2-D-2-SW-DG-000101-000125.DWG

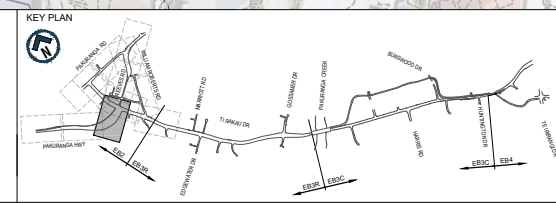
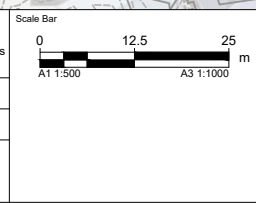


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 - REFER TO DRAWING EB-2-D-2-SW-DG-000301 TO 000344 FOR LONG SECTIONS.
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Designed	H. Xue	Checked	P. May
Drawn	C. Tamayo	Checked	M. Dalvi
Approved	S. Jones		
Date	22/04/2022	Approver Signature	

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



Drawing Status	Horizontal Datum	Design Package
NZGD 2000 MOUNT EDEN CIRCUIT	Vertical Datum	PAKURANGA HIGHWAY/ REEVES ROAD DRAINAGE LAYOUT PLAN SHEET 3 OF 5
2016 NEW ZEALAND	A1 SCALE: 1:500	Drawing Number: EB-2-D-2-SW-DG-000123
	A3 SCALE: 1:1000	Revision: A

ORIGINAL IN COLOUR

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

ORIGINAL SIZE A1