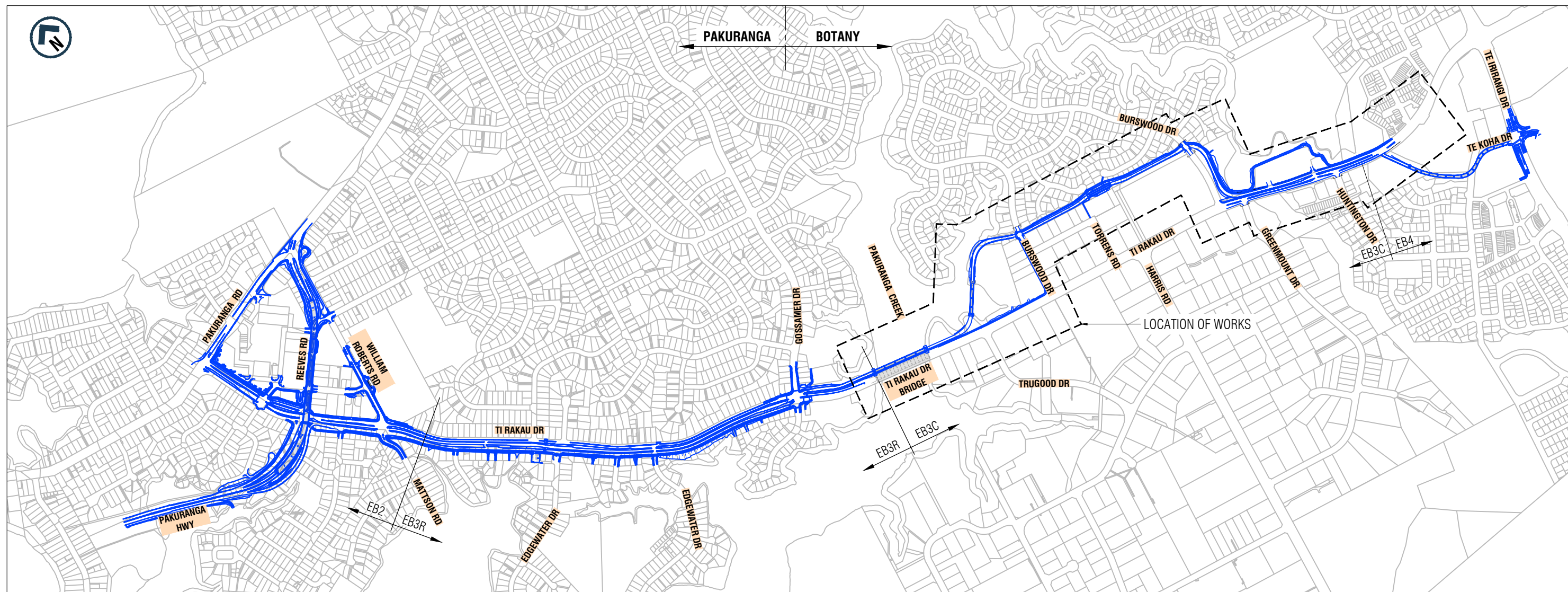


Appendix 7

General Arrangement Drawings – EB3C

EASTERN BUSWAY PAKURANGA TO BOTANY TOWN CENTRE EB3 COMMERCIAL FOR LODGEMENT




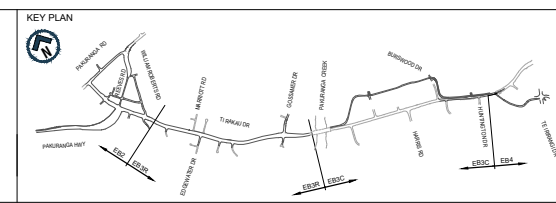
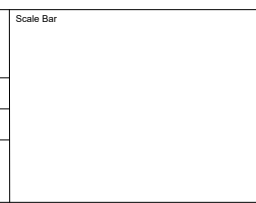
LOCALITY PLAN

FOR LODGEMENT


ORIGINAL SIZE A1
 File: EB-2-R-4-PL-DG-00001.DWG
 Plot By: SANTOSMR (8/25/2023 10:50:32 am)

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)



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

FOR LODGEMENT		CONSENTING	
Drawing Title		EB3C COVER SHEET AND LOCALITY PLAN	
Drawing Number		EB-2-R-4-PL-DG-00001	
Revision		A	

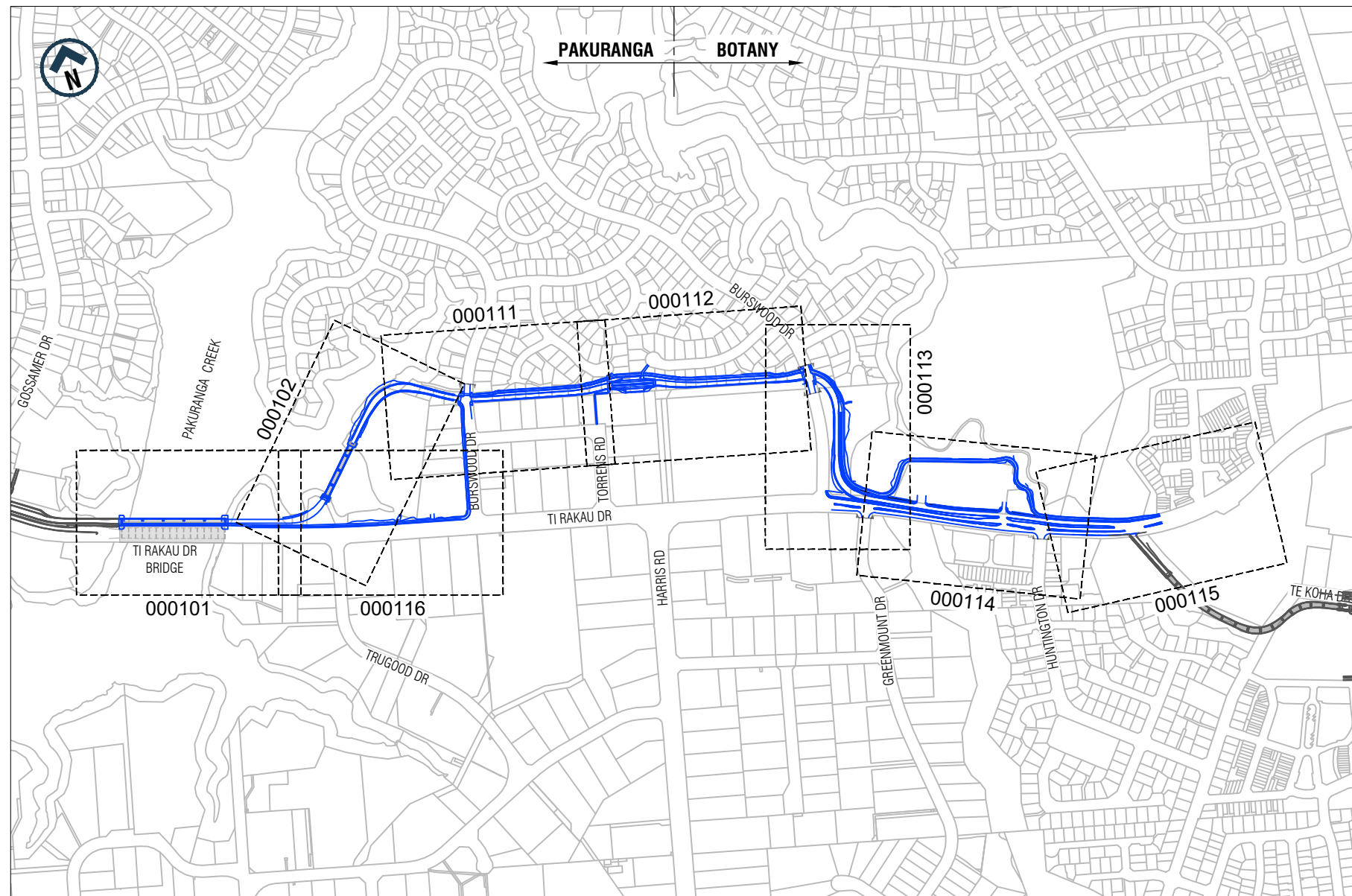
ORIGINAL IN COLOUR

EASTERN BUSWAY

PAKURANGA TO BOTANY TOWN CENTRE

EB3 COMMERCIAL

FOR LODGEMENT



TI RAKAU DRIVE / BUSWAY
SHEET LAYOUT KEY PLAN FOR 1:500 (A1) SCALE


FOR LODGEMENT

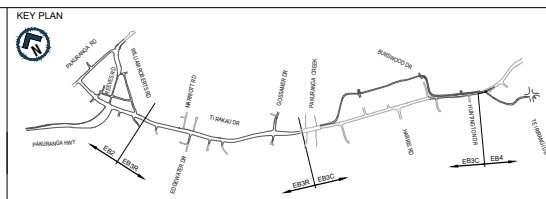
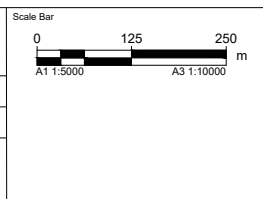
Filename: EB-2-R-4-PL-DG-000002.DWG Plot By: SANTOSMR (8/25/2023 10:51:30 am)

ORIGINAL SIZE A1


ORIGINAL IN COLOUR

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		





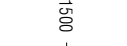
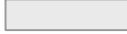




EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)







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

CONSENTING	
Drawing Title EB3C KEY PLAN	
Drawing Number EB-2-R-4-PL-DG-000002	Revision A

ROAD GEOMETRY

-  PARCEL BOUNDARY
-  PROPOSED CONSTRUCTION BOUNDARY
-  CONTROL LINE
-  BRIDGE
-  CYCLEWAY / FOOTPATH
-  ROAD SURFACING
-  RETAINING WALL
-  GEOGRID REINFORCED EMBANKMENT

EXISTING SERVICES:

-  WM EXISTING WATER SUPPLY - TRANSMISSION
-  WWM EXISTING WASTE WATER - TRANSMISSION
-  TP HV EXISTING TRANSPOWER HV U/G
-  TP HV EXISTING TRANSPOWER HV O/H

SIGNS & LINE MARKINGS

-  SPEED PAVEMENT MARKING

SIGNIFICANT ECOLOGICAL AREAS OVERLAY

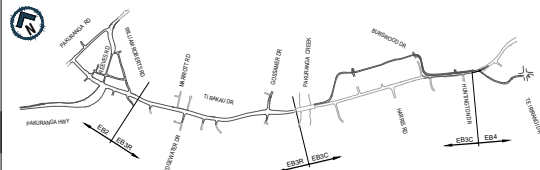


-  MARINE 1 (rcp)
-  MARINE 2 (rcp)
-  MEAN HIGHWATER SPRINGS

NEW / UPGRADED SERVICES:

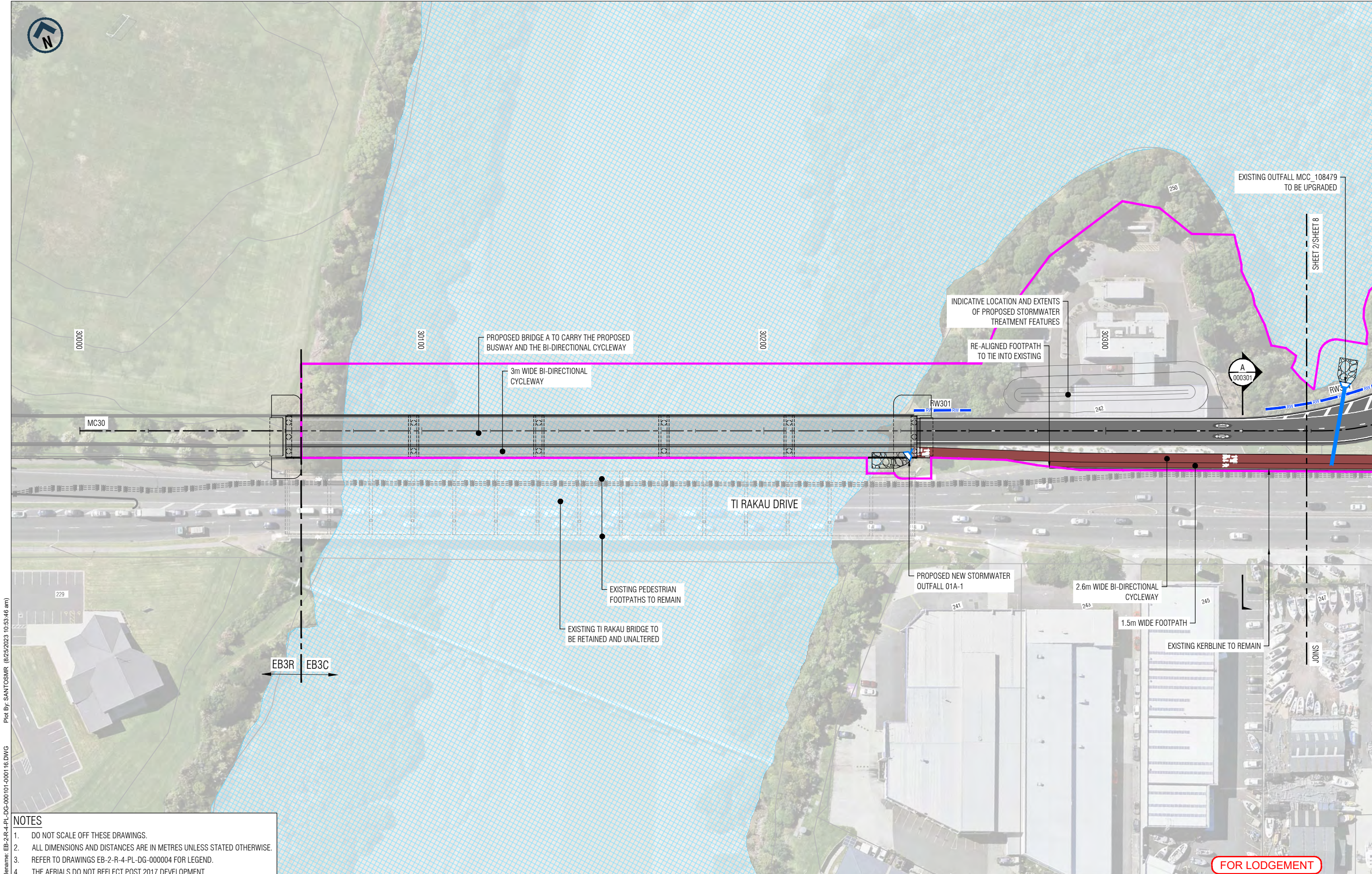
-  NEW / UPGRADED OUTFALL

ORIGINAL SIZE A1
 Filename: EB-2-R-4-PL-DG-000004.DWG
 Plot By: SANTOSMR (8/25/2023 10:52:34 am)

FOR LODGEMENT


				Scale Bar KEY PLAN 				EASTERN BUSWAY ALLIANCE EASTERN BUSWAY 3 COMMERCIAL (PAKURANGA TO BOTANY) 				Drawing Status FOR LODGEMENT		Design Package CONSENTING	
												Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title EB3C LEGEND	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-R-4-PL-DG-000004		Revision A											
A1 SCALE N.T.S		A3 SCALE N.T.S													
REV A	DATE 25/08/2023	DRAWN M. Santos	REVISION DESCRIPTION ISSUED FOR LODGEMENT	Designed A. Hirani	Checked A. Hirani	Drawn M. Santos	Checked A. Kanaris								
Approved J. Snowsill	Date 25/08/2023														

ORIGINAL IN COLOUR

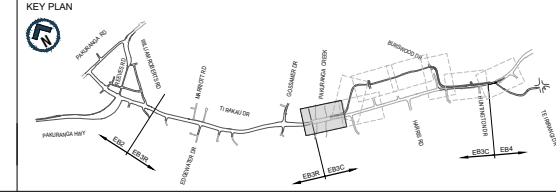
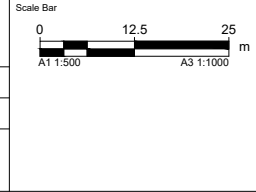


Plot By: SANTOSMR (9/25/2023 10:53:46 am)
 Filename: EB-2-R-4-PL-DG-000 101-0001 16.DWG


- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)



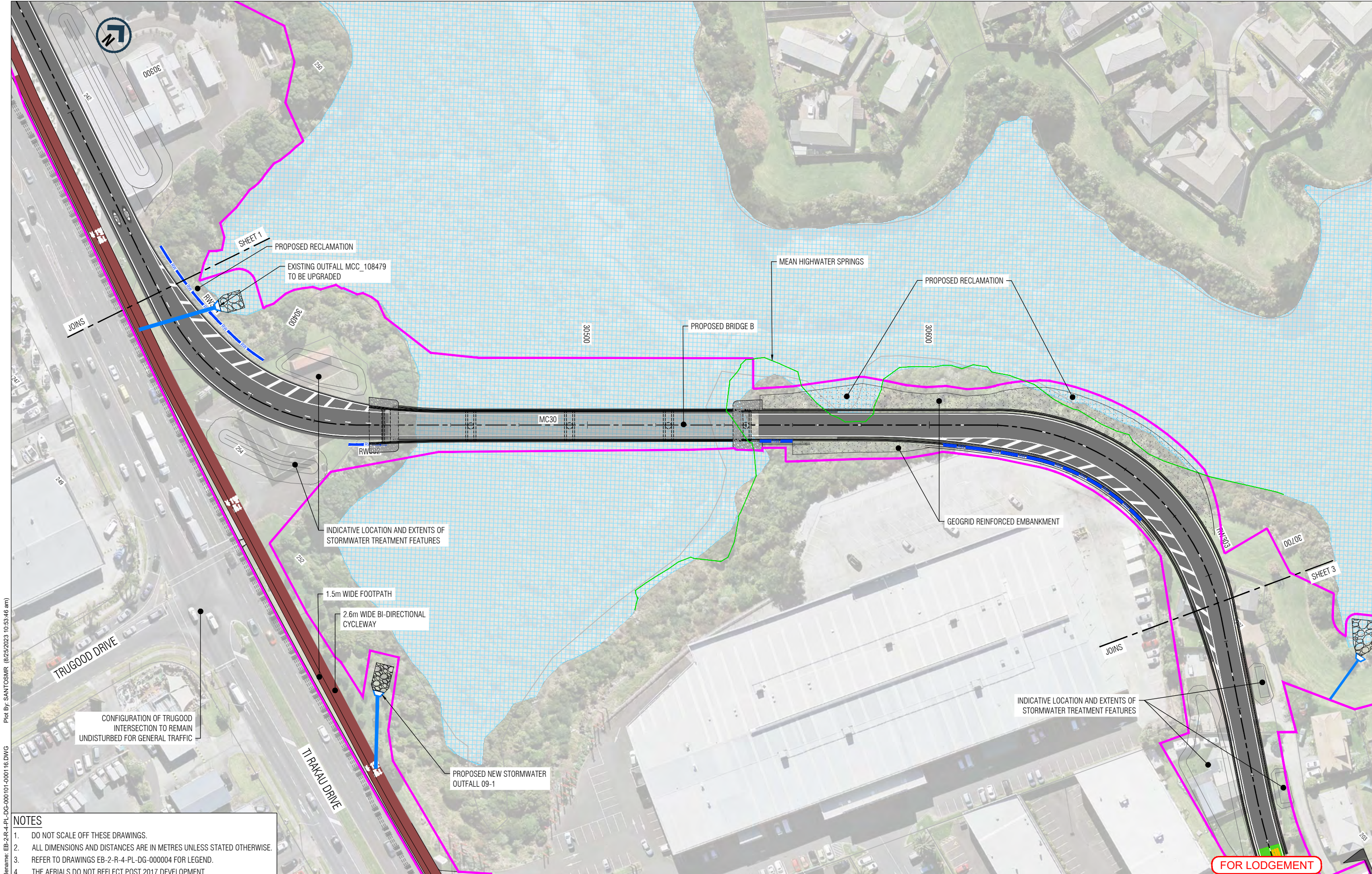
FOR LODGEMENT	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:500
A3 SCALE	1:1000

CONSENTING	
Drawing Title	
EB3C CONSENT PLAN SHEET 1 OF 8	
Drawing Number	EB-2-R-4-PL-DG-000101
Revision	A

ORIGINAL SIZE A1




FOR LODGEMENT

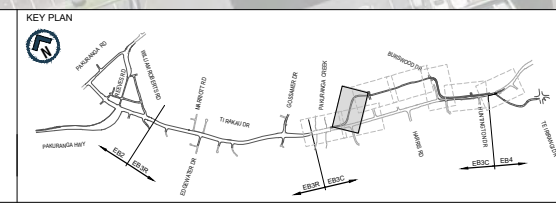
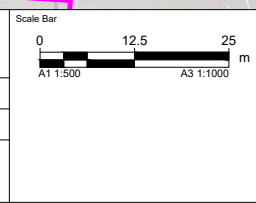


Plot By: SANTOSMR (8/25/2023 10:53:46 am)
 Filename: EB-2-R-4-PL-DG-000 101-0001 16.DWG


- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)



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

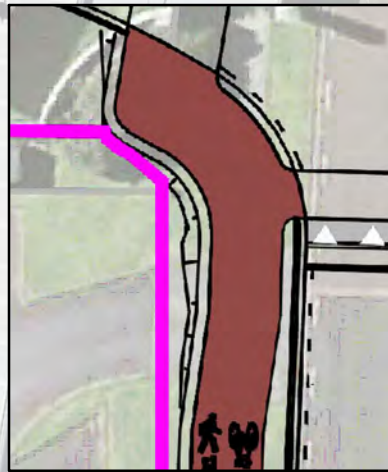
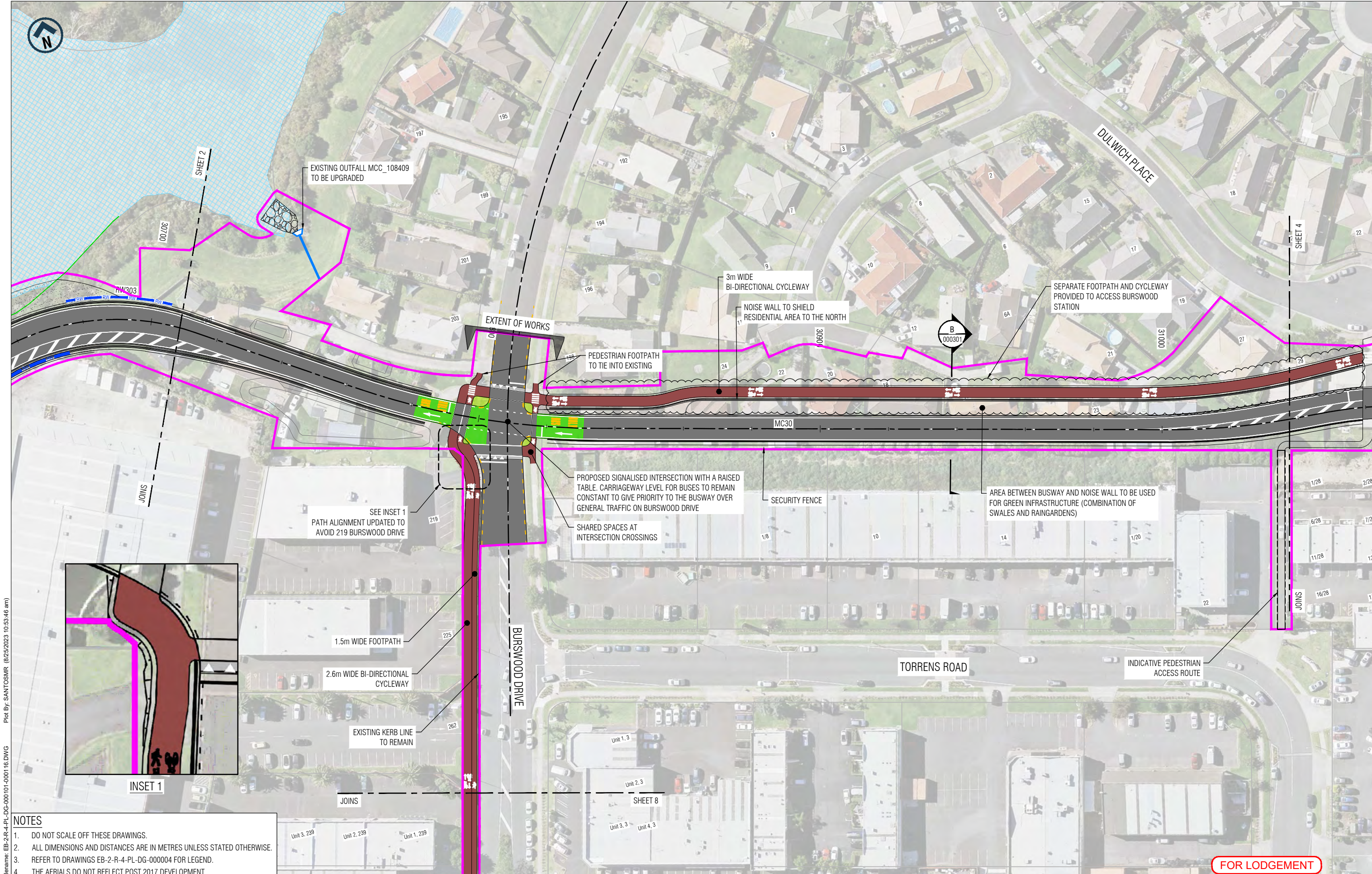
FOR LODGEMENT		CONSENTING	
Drawing Title		EB3C	
Drawing Number		CONSENT PLAN	
EB-2-R-4-PL-DG-000102		SHEET 2 OF 8	
Revision		A	

FOR LODGEMENT

ORIGINAL SIZE



ORIGINAL IN COLOUR

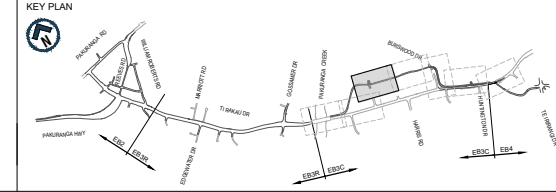
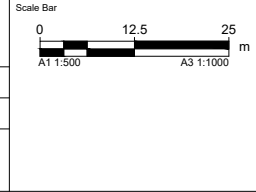


NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
- THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		

Revision	Date	Drawn	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**

FOR LODGEMENT

Horizontal Datum
NZGD 2000 MOUNT EDEN CIRCUIT

Vertical Datum
2016 NEW ZEALAND

A1 SCALE 1:500 A3 SCALE 1:1000

FOR LODGEMENT

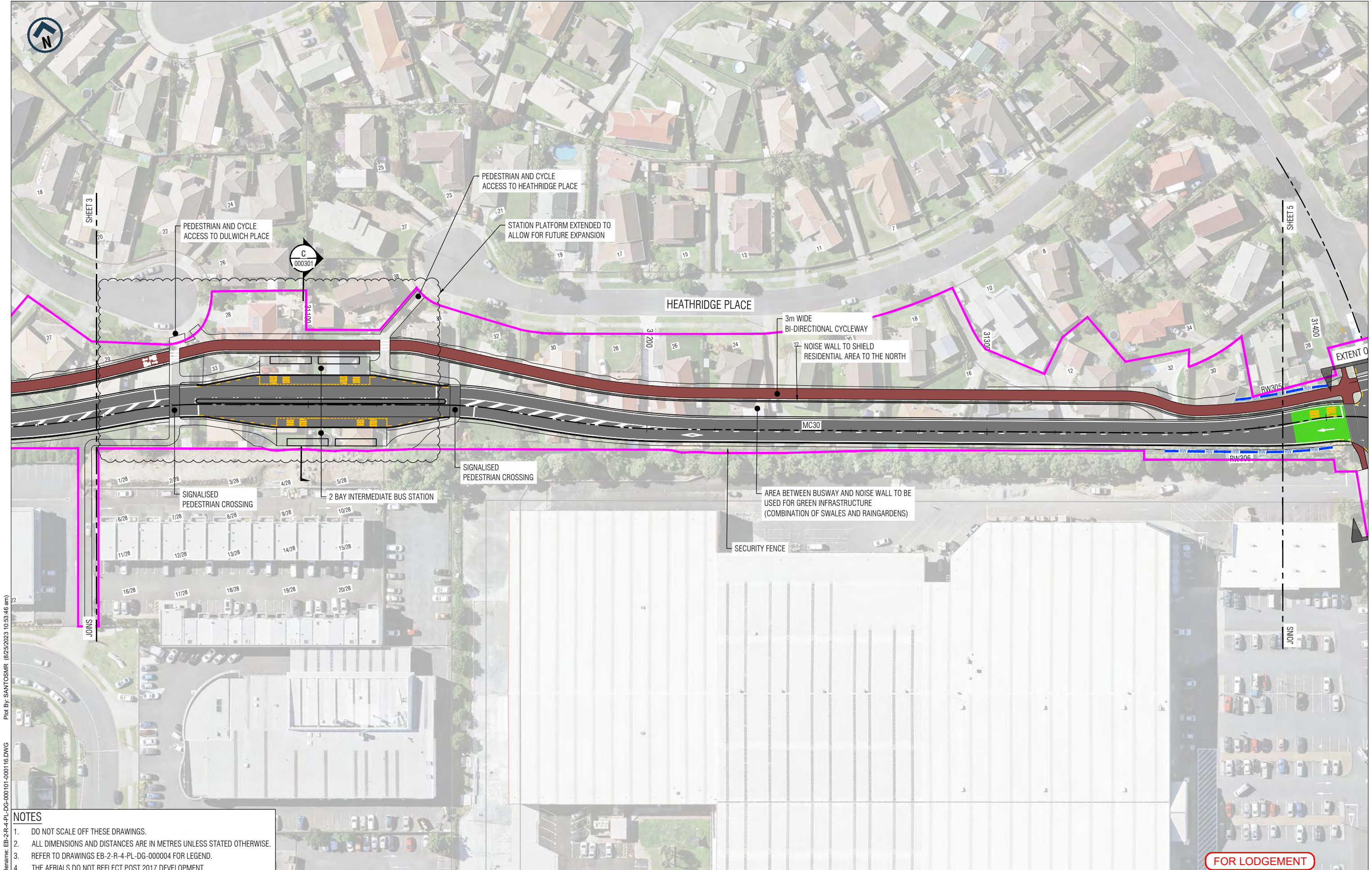
CONSENTING

Design Package
**EB3C
CONSENT PLAN
SHEET 3 OF 8**

Drawing Number
EB-2-R-4-PL-DG-000111


Revision
A

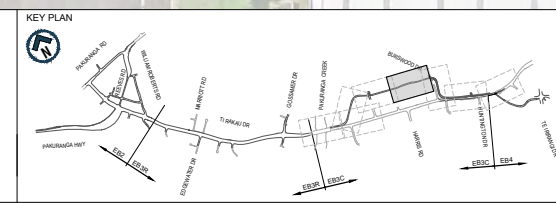
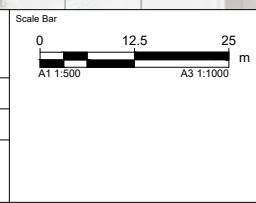
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 Plot By: SANTOSMR (8/25/2023 10:53:46 am)




- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



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

FOR LODGEMENT		CONSENTING	
Drawing Title		Drawing Title	
EB3C		EB3C	
CONSENT PLAN		CONSENT PLAN	
SHEET 4 OF 8		SHEET 4 OF 8	
Drawing Number		Drawing Number	
EB-2-R-4-PL-DG-000112		EB-2-R-4-PL-DG-000112	
Revision		Revision	
A		A	

File Name: EB-2-R-4-PL-DG-000112-000116.DWG
 Plot By: SANTOSMR (8/25/2023 10:53:46 am)

ORIGINAL SIZE A1




FOR LODGEMENT

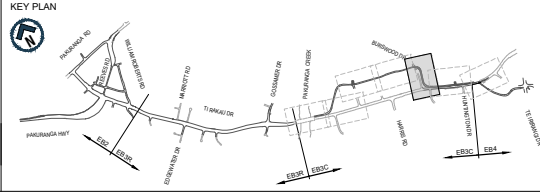
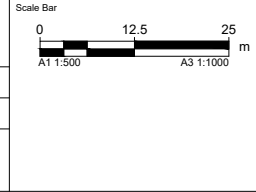


Plot By: SANTOSMR (6/25/2023 10:53:46 am)
Filename: EB-2-R-4-PL-DG-000 101-0001 16.DWG


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-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		
REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



FOR LODGEMENT

Horizontal Datum
NZGD 2000 MOUNT EDEN CIRCUIT

Vertical Datum
2016 NEW ZEALAND

A1 SCALE 1:500 A3 SCALE 1:1000

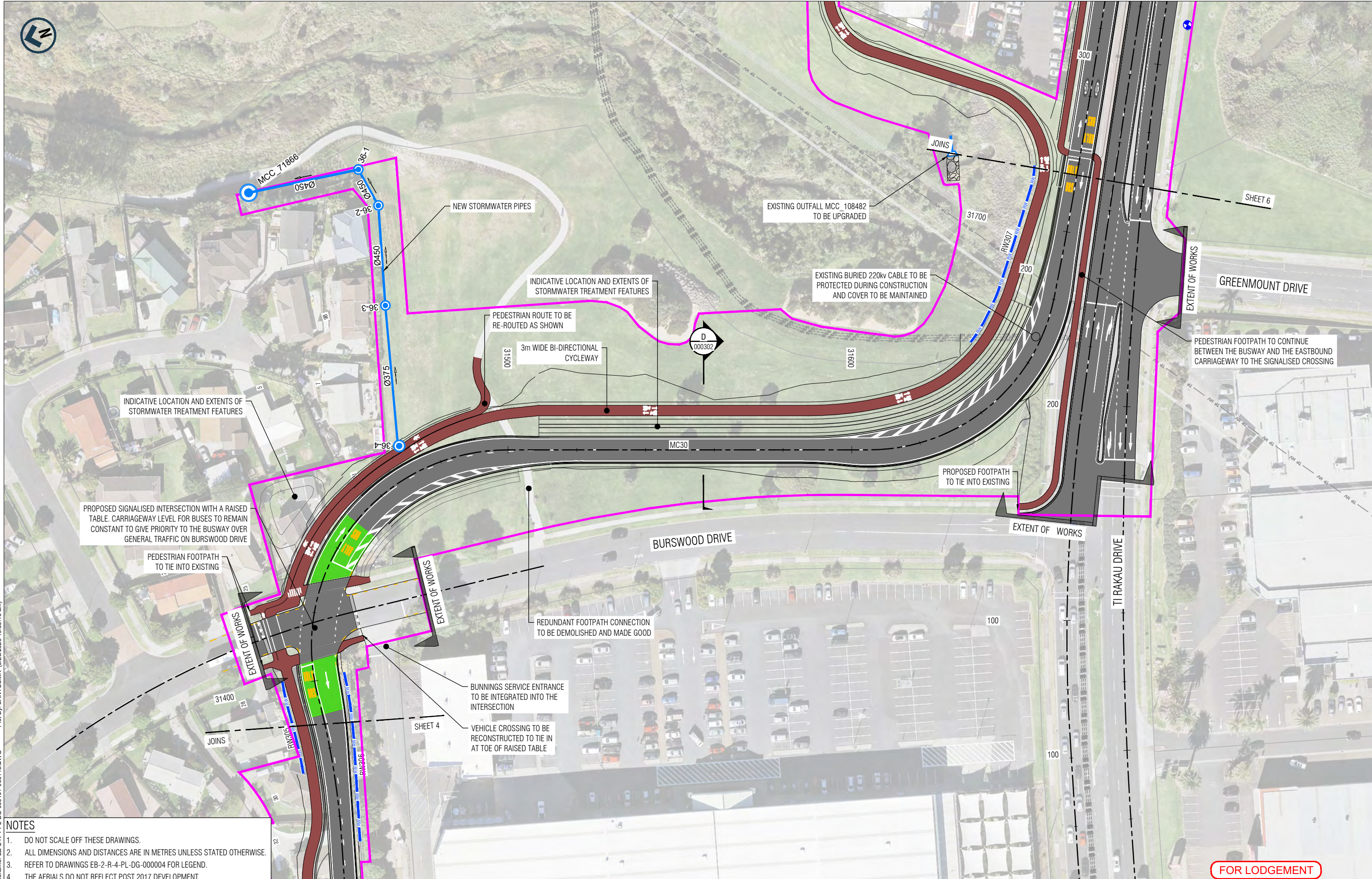
FOR LODGEMENT

CONSENTING

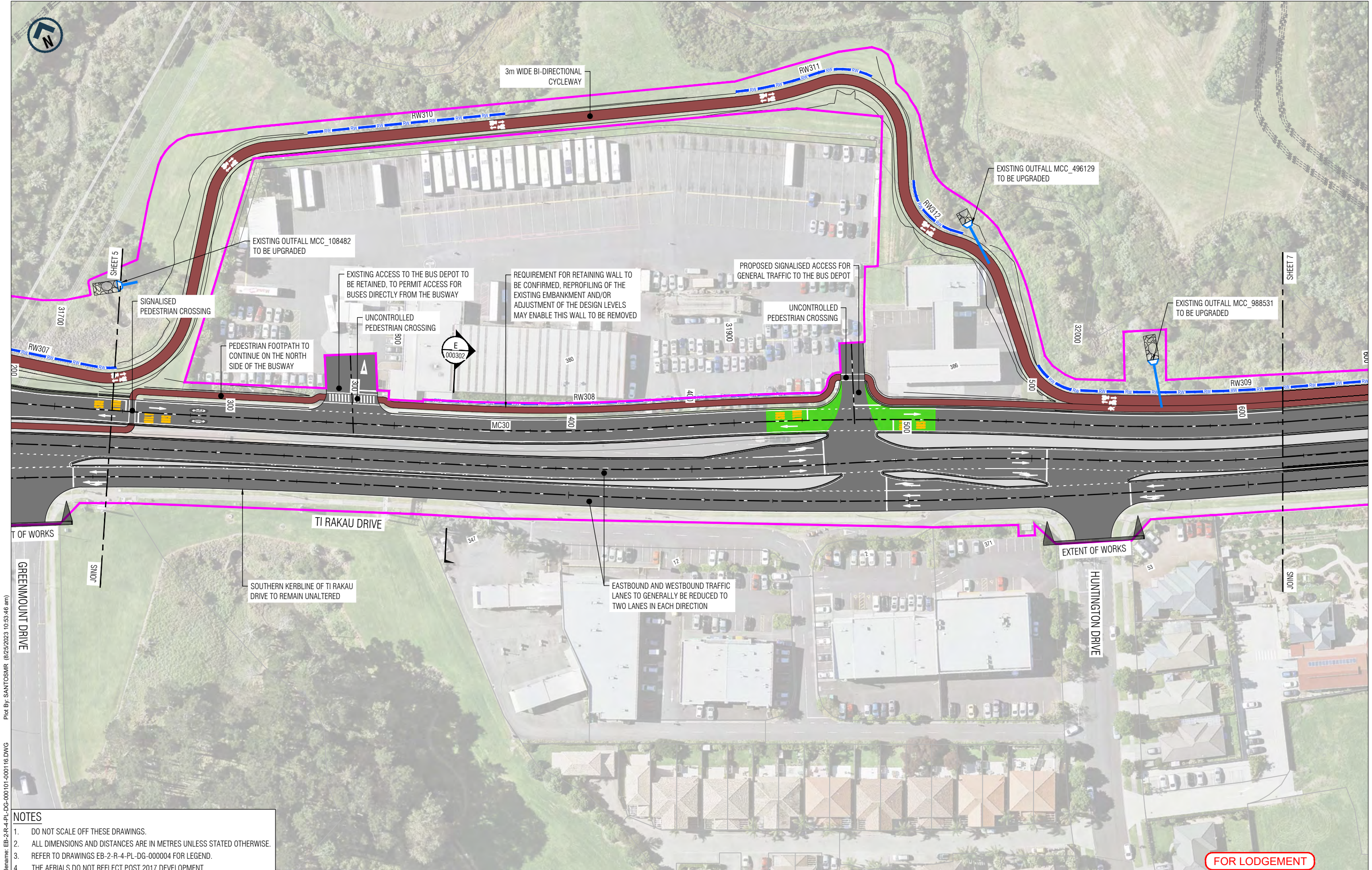
Design Title
**EB3C
CONSENT PLAN
SHEET 5 OF 8**

Drawing Number
EB-2-R-4-PL-DG-000113

Revision
A




FOR LODGEMENT

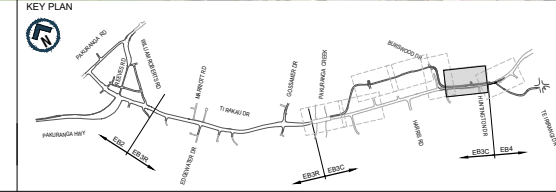
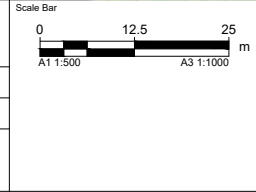


Plot By: SANTOSMR (6/25/2023 10:53:46 am)
 Filename: EB-2-R-4-PL-DG-000 101-0001 16.DWG


- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)



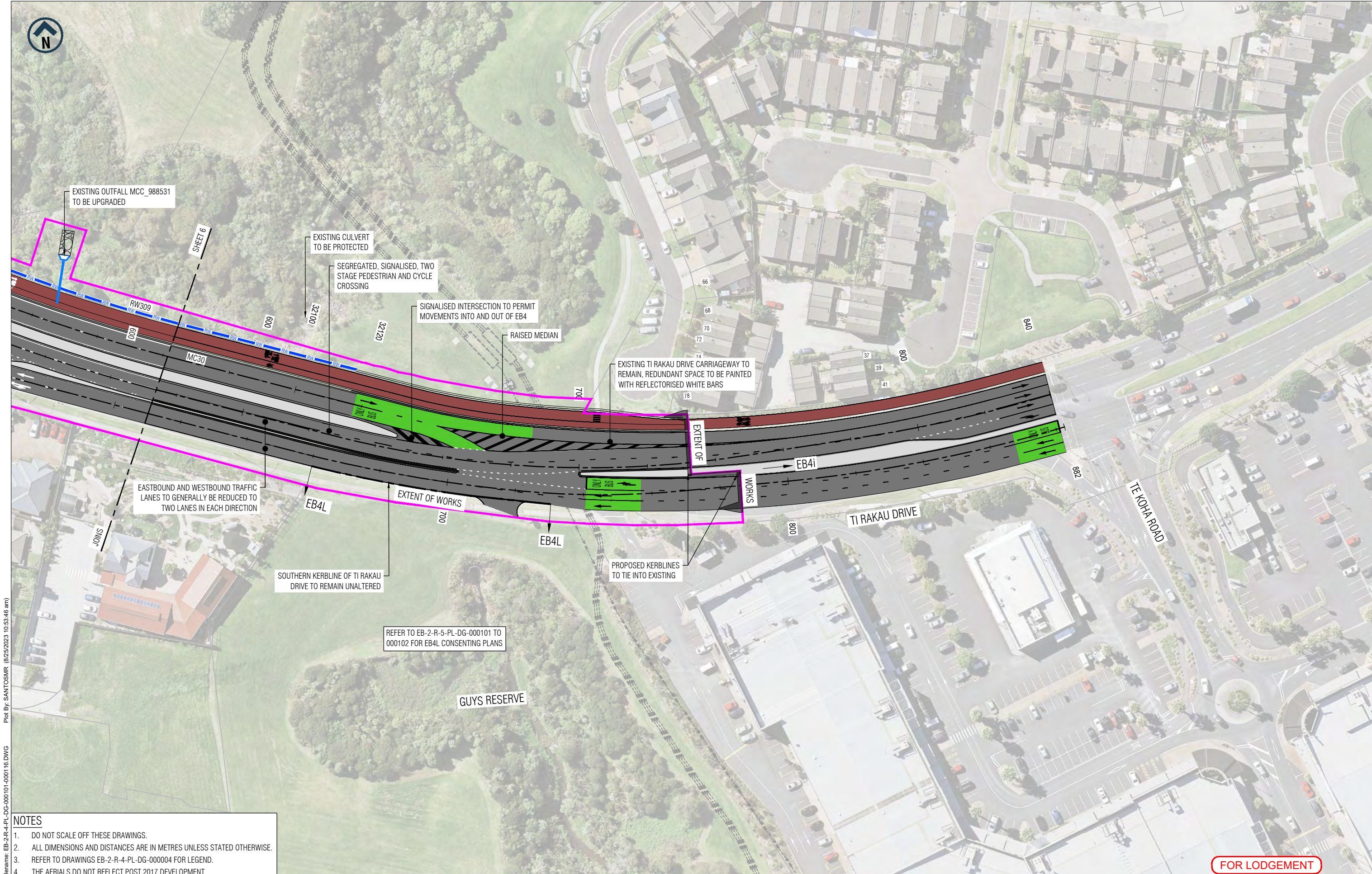
FOR LODGEMENT	
Horizontal Datum	
NZGD 2000 MOUNT EDEN CIRCUIT	
Vertical Datum	
2016 NEW ZEALAND	
A1 SCALE	A3 SCALE
1:500	1:1000

FOR LODGEMENT
CONSENTING
EB3C
CONSENT PLAN
SHEET 6 OF 8


Drawing Number: EB-2-R-4-PL-DG-000114
 Revision: A

ORIGINAL SIZE

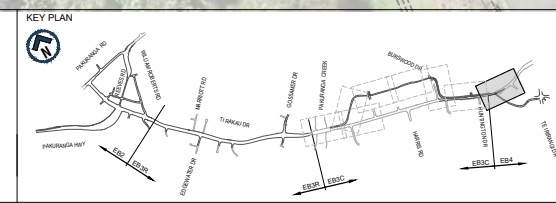
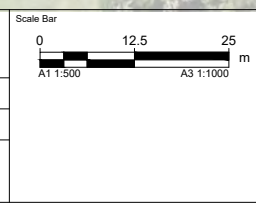





- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



FOR LODGEMENT

Horizontal Datum
NZGD 2000 MOUNT EDEN CIRCUIT

Vertical Datum
2016 NEW ZEALAND

A1 SCALE 1:500 A3 SCALE 1:1000

FOR LODGEMENT

CONSENTING

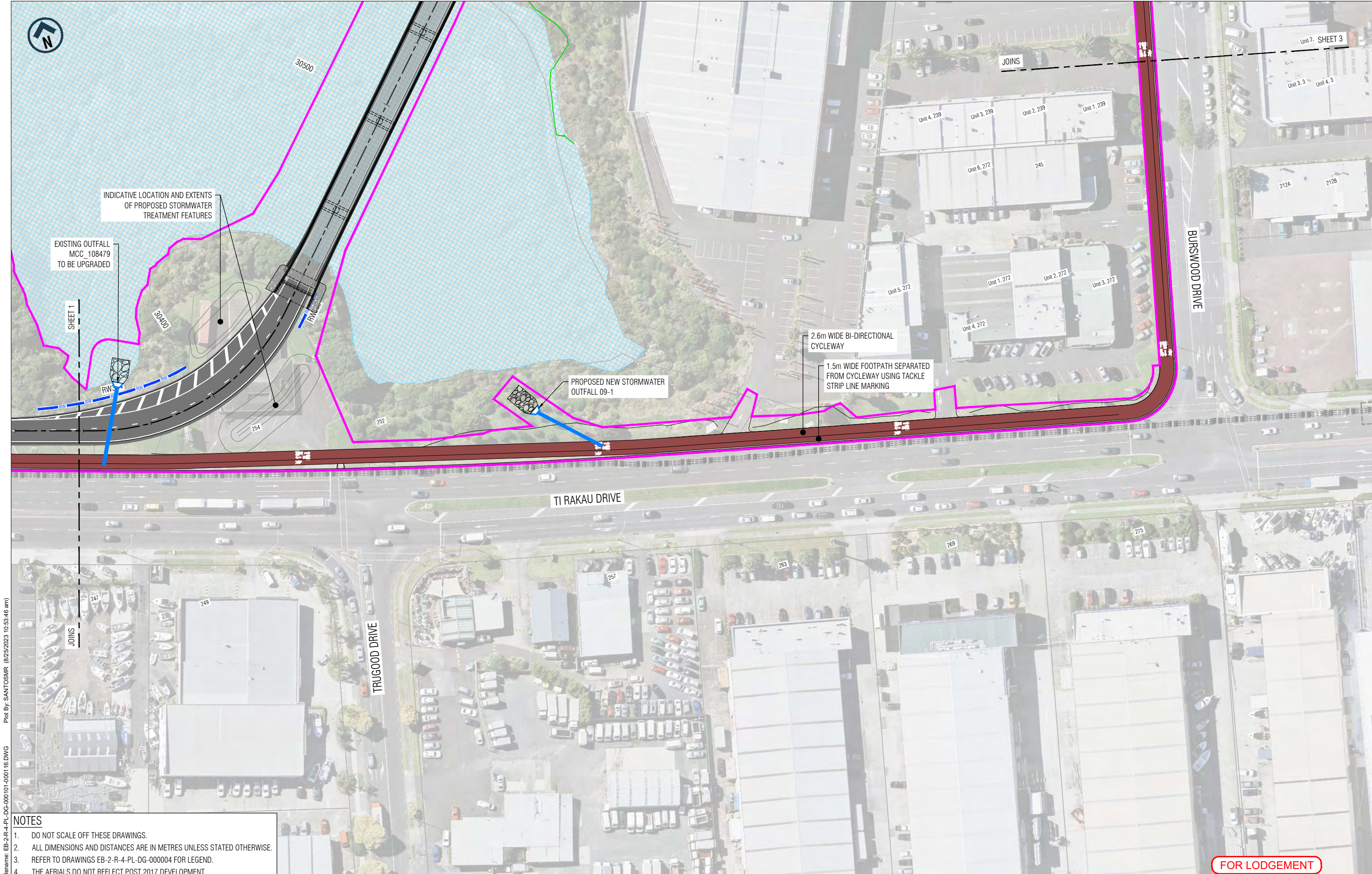
Design Package
**EB3C
CONSENT PLAN
SHEET 7 OF 8**

Drawing Number
EB-2-R-4-PL-DG-000115

Revision
A

Plot By: SANTOSMR (8/25/2023 10:53:46 am)
 File Name: EB-2-R-4-PL-DG-000101-000116.DWG
 ORIGINAL SIZE
 ORIGINAL IN COLOUR


FOR LODGEMENT

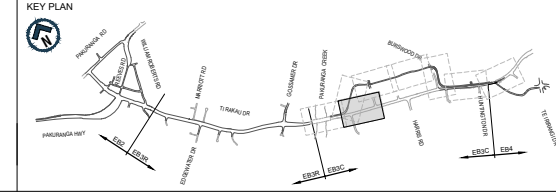
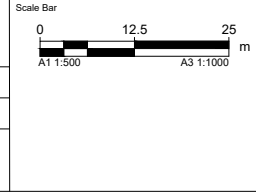


Plot By: SANTOSMR (6/25/2023 10:53:46 am)
 Filename: EB-2-R-4-PL-DG-000 101-0001 16.DWG


- NOTES**
- DO NOT SCALE OFF THESE DRAWINGS.
 - ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
 - REFER TO DRAWINGS EB-2-R-4-PL-DG-000004 FOR LEGEND.
 - THE AERIALS DO NOT REFLECT POST 2017 DEVELOPMENT.

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)



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

FOR LODGEMENT		CONSENTING	
Drawing Title		EB3C	
Drawing Number		CONSENT PLAN	
EB-2-R-4-PL-DG-000116		SHEET 8 OF 8	
Revision	A		

ORIGINAL SIZE A1

ORIGINAL IN COLOUR

FOR LODGEMENT

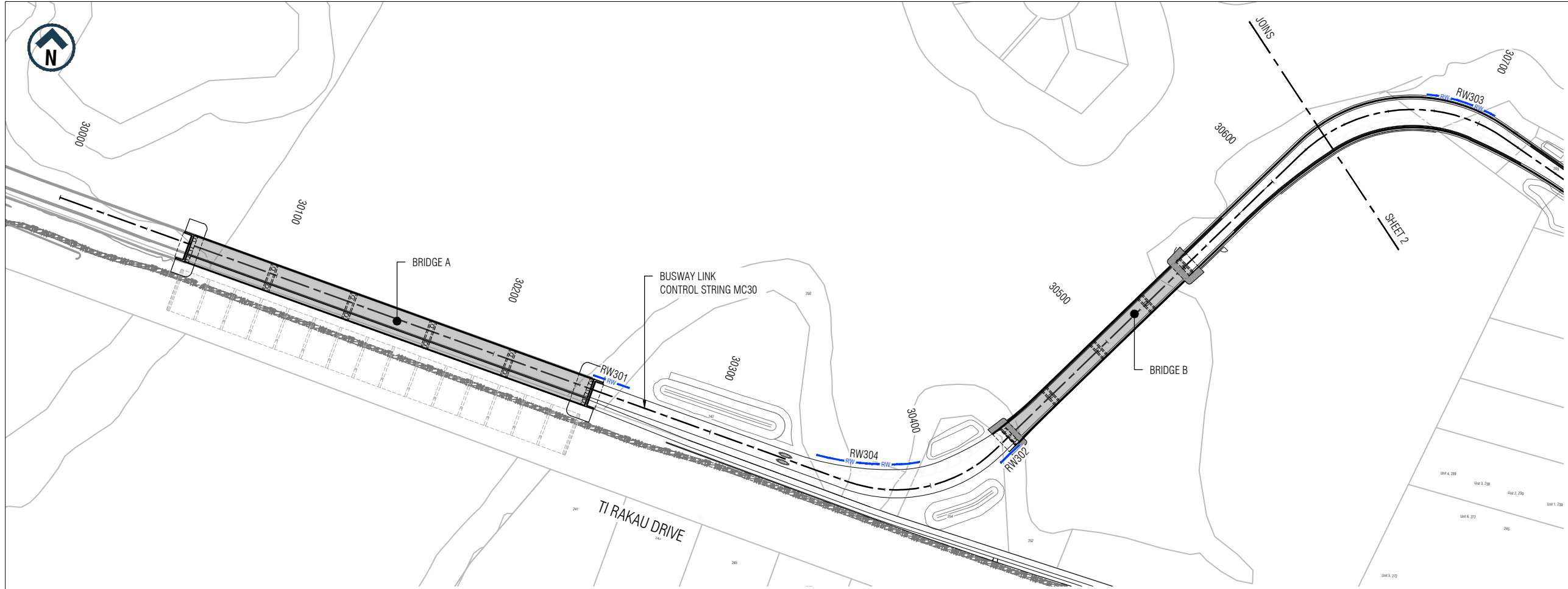


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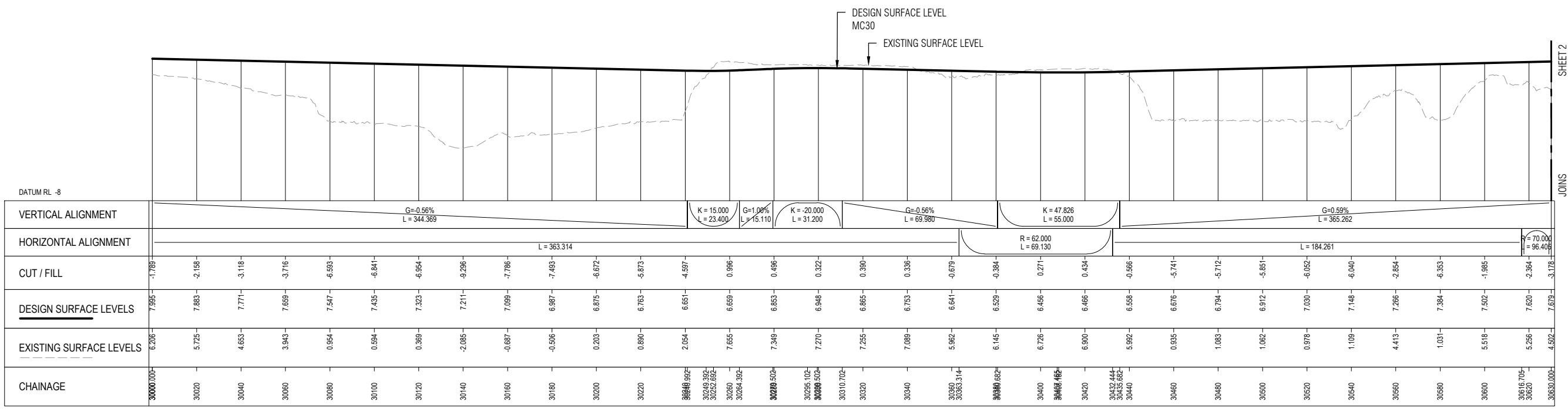
- 1. DO NOT SCALE OFF THESE DRAWINGS.
- 2. ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING




PLAN - MC30
Scale 1:1000 (A1) 1:2000 (A3)

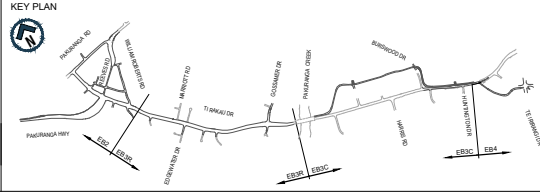
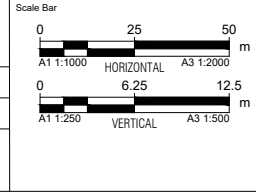


LONGITUDINAL SECTION - MC30
Scale (H) 1:1000 (A1) 1:2000 (A3)
Scale (V) 1:250 (A1) 1:500 (A3)


Filename: EB-2-R-4-PL-DG-000201-000205.DWG Plot By: SANTOSMR (8/25/2023 10:54:55 am)

ORIGINAL SIZE
A1

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



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

FOR LODGEMENT		CONSENTING	
Drawing Title		PLAN AND LONGITUDINAL SECTION CONTROL STRING MC30 SHEET 1 OF 5	
Drawing Number		EB-2-R-4-PL-DG-000201	
Revision		A	

FOR LODGEMENT



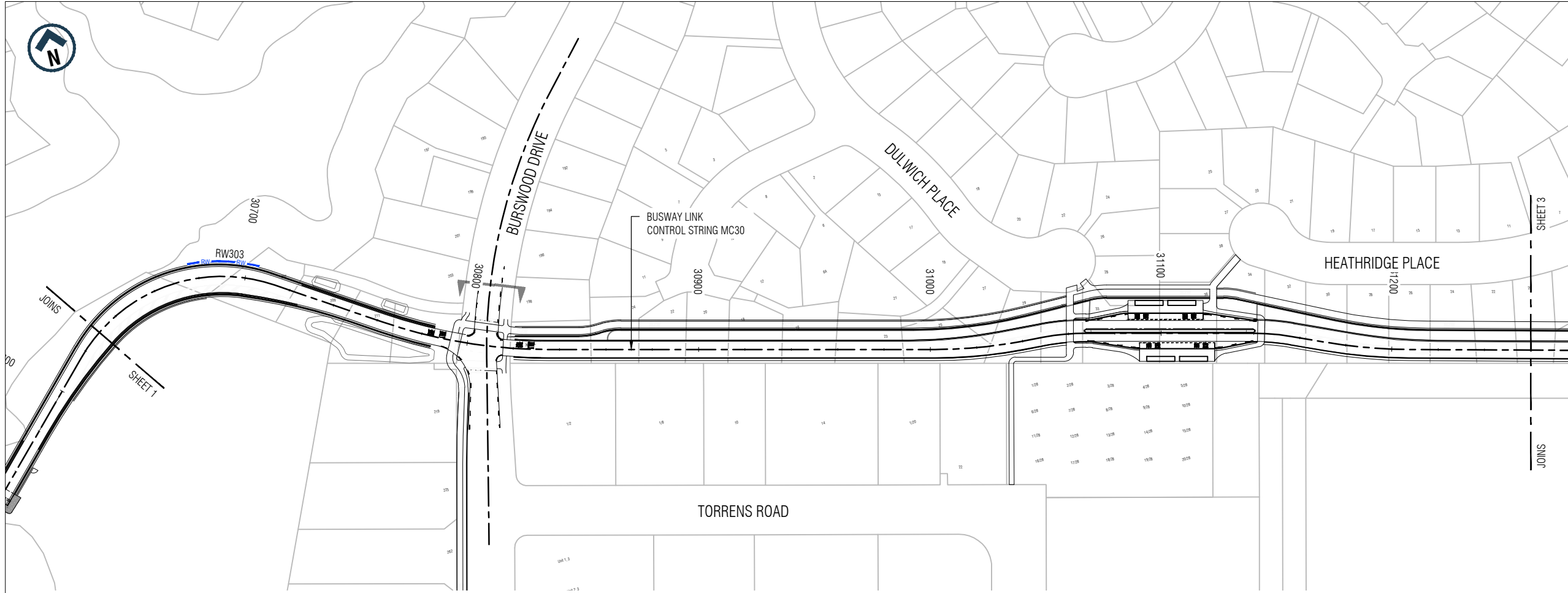


NOTES:

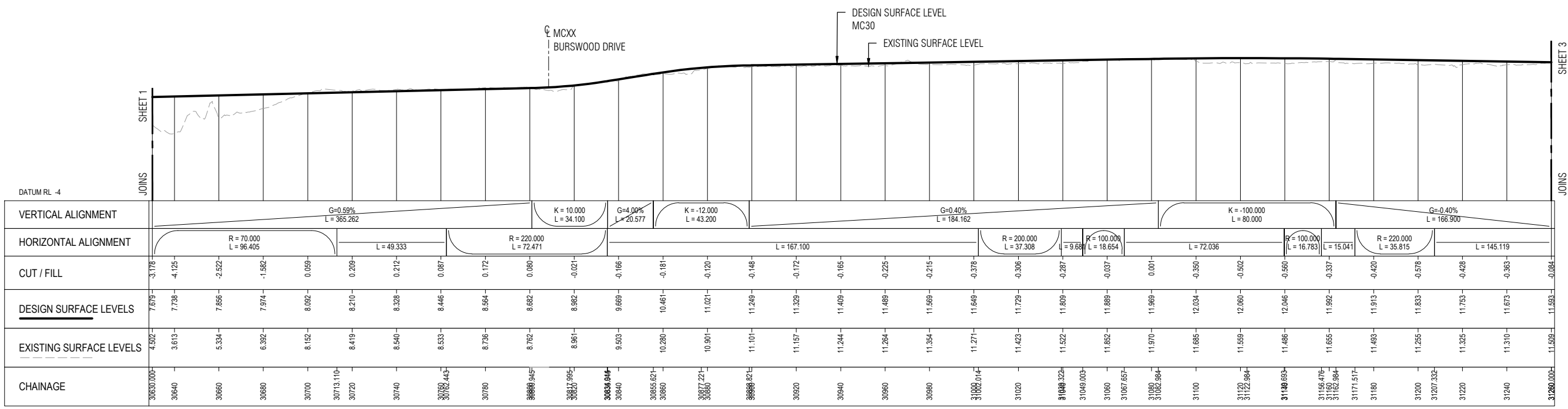
- 1. DO NOT SCALE OFF THESE DRAWINGS.
- 2. ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.

PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING



PLAN - MC30
Scale 1:1000 (A1) 1:2000 (A3)



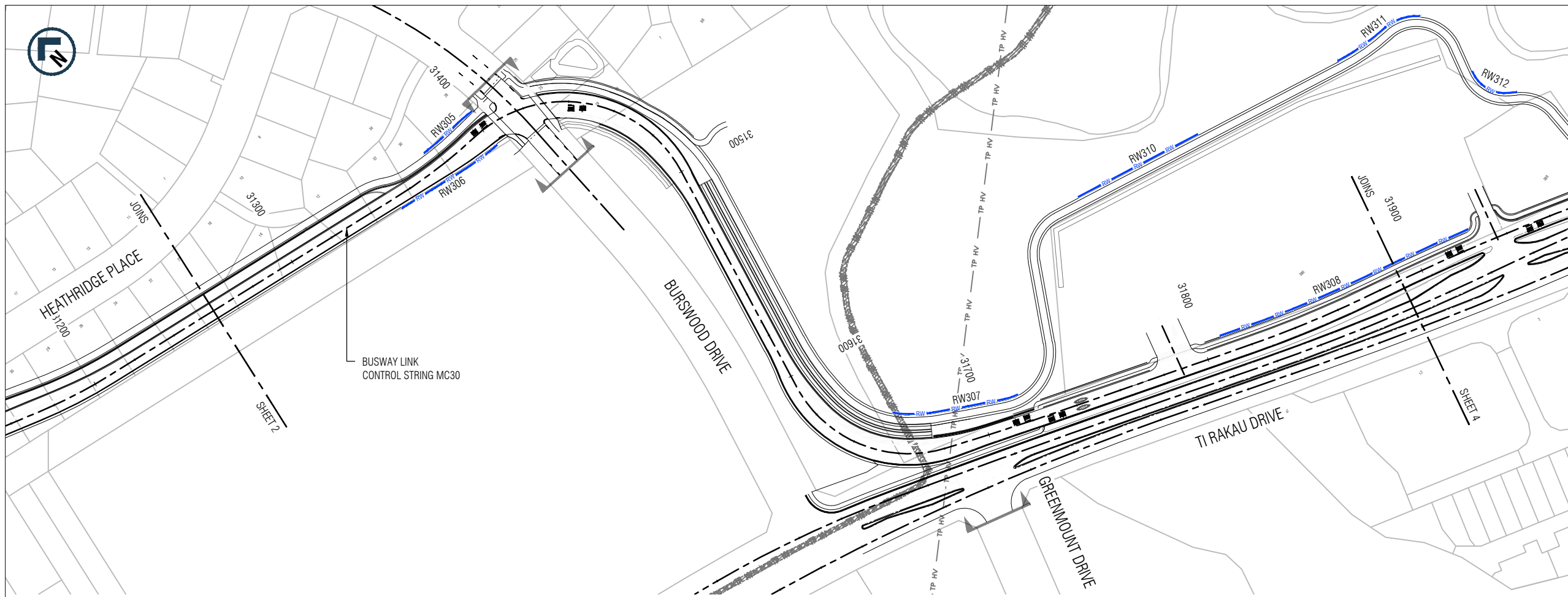


NOTES:

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

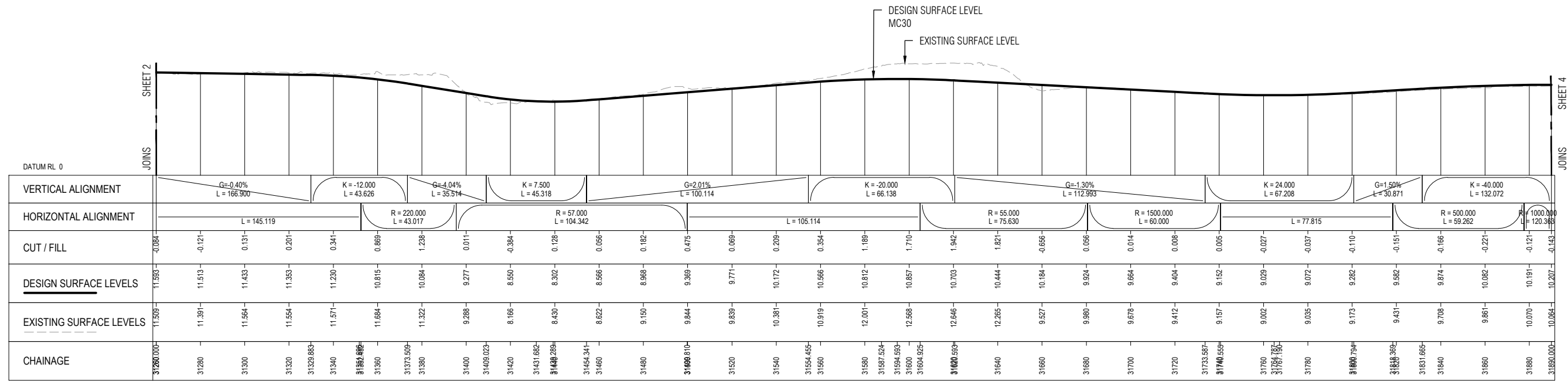
PLAN LEGEND:

- PROPERTY BOUNDARIES
- ALIGNMENT CONTROL STRING



PLAN - MC30

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



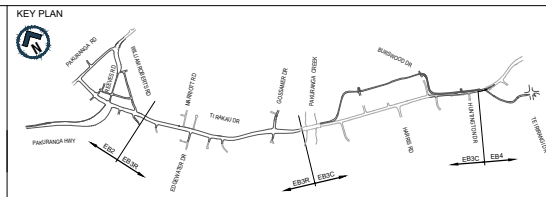
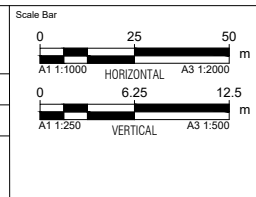
LONGITUDINAL SECTION - MC30

Scale (H) 1:1000 (A1) 1:2000 (A3)
Scale (V) 1:250 (A1) 1:500 (A3)

Filename: EB-2-R-4-PL-DG-000201-000205.DWG Plot By: SANTOSMR (8/25/2023 10:54:55 am)

ORIGINAL SIZE
A1

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		



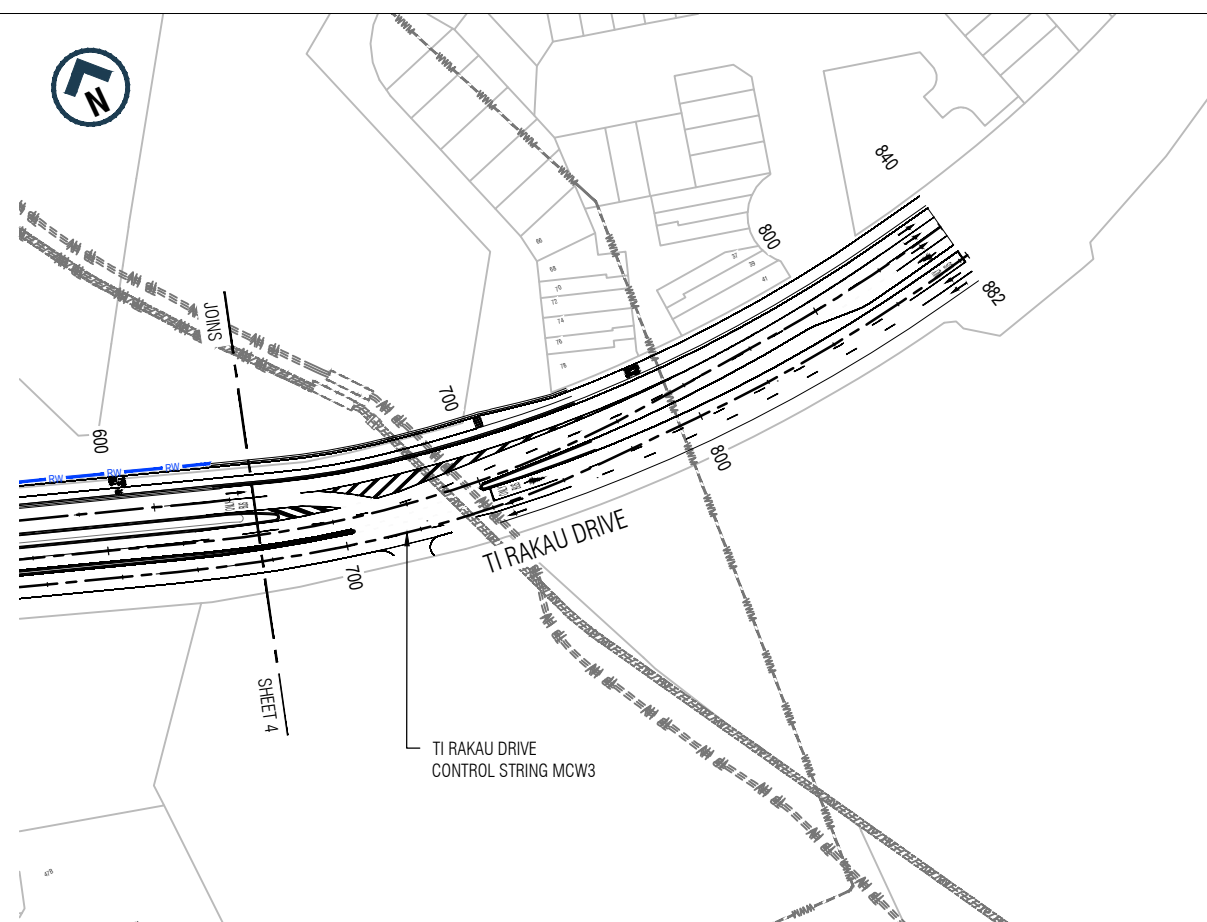
**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**

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

FOR LODGEMENT		CONSENTING	
Drawing Title		PLAN AND LONGITUDINAL SECTION CONTROL STRING MC30	
Drawing Number		SHEET 3 OF 5	
Revision		A	

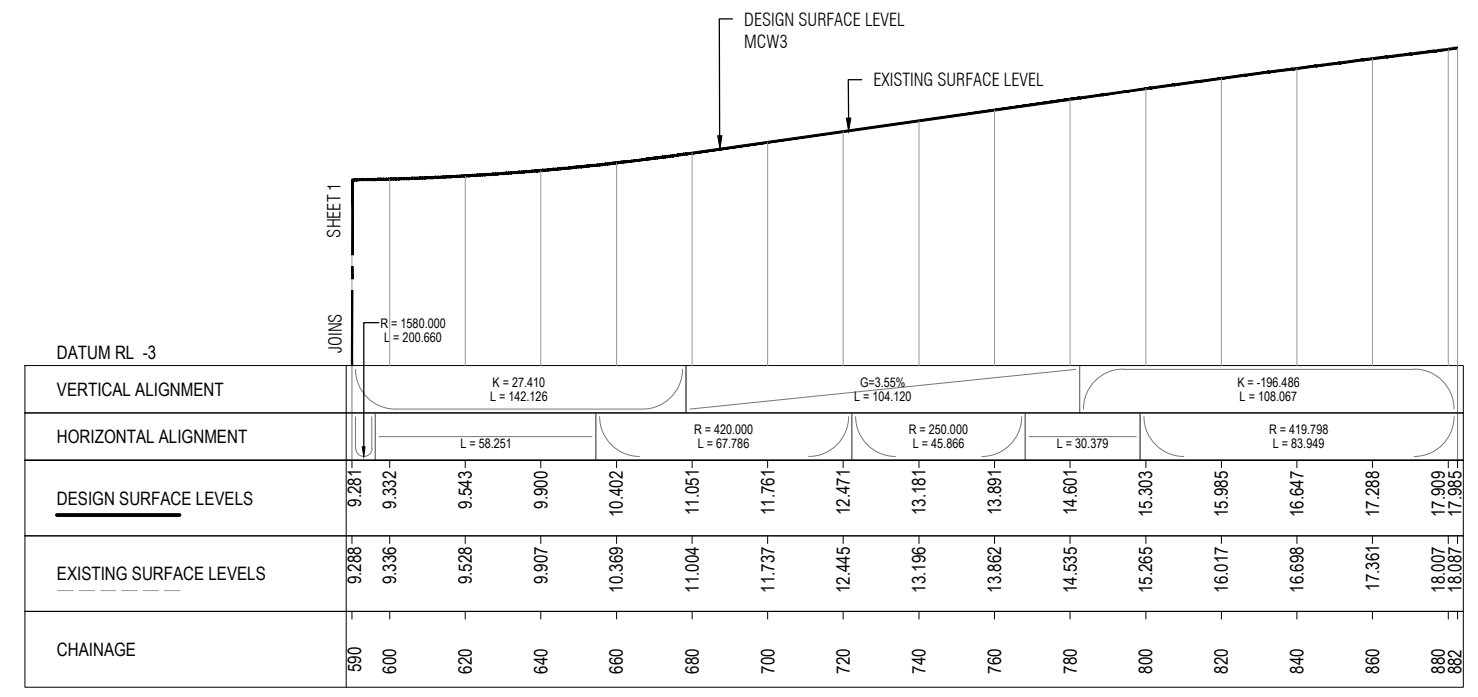
FOR LODGEMENT





PLAN - MCW3
Scale 1:1000 (A1) 1:2000 (A3)

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



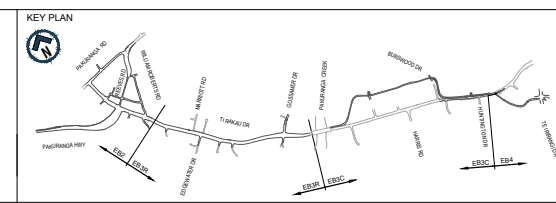
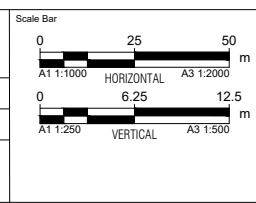
LONGITUDINAL SECTION - MCW3
Scale (H) 1:1000 (A1) 1:2000 (A3)
Scale (V) 1:250 (A1) 1:500 (A3)

FOR LODGEMENT

ORIGINAL SIZE A1
 File Name: EB-2-R-4-PL-DG-000201-000205.DWG
 Plot By: SANTOSMR (9/25/2023 10:54:55 am)

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	Approver Signature	
Date	25/08/2023		

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**

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

CONSENTING	
Drawing Title PLAN AND LONGITUDINAL SECTION CONTROL STRING MCW3 SHEET 5 OF 5	
Drawing Number	EB-2-R-4-PL-DG-000205
Revision	A

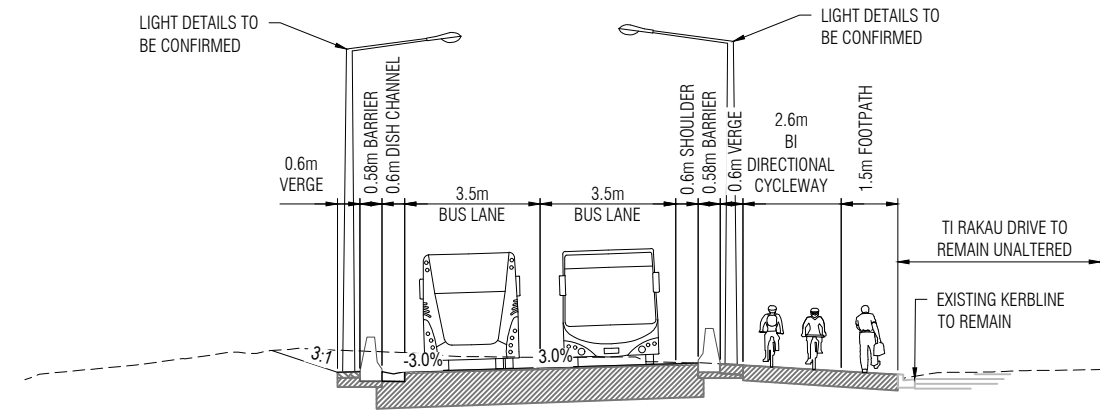
ORIGINAL IN COLOUR

NOTES

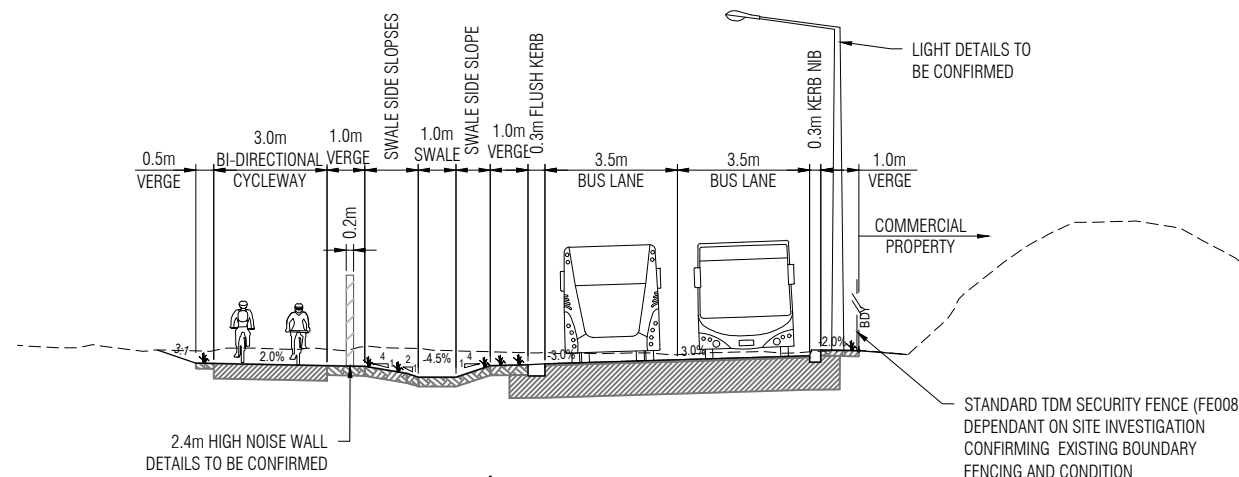
- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- REFER TO DRAWING Nos. EB-2-R-4-PL-DG-000101 TO DG-000116 FOR GENERAL ARRANGEMENT PLANS.

LEGEND

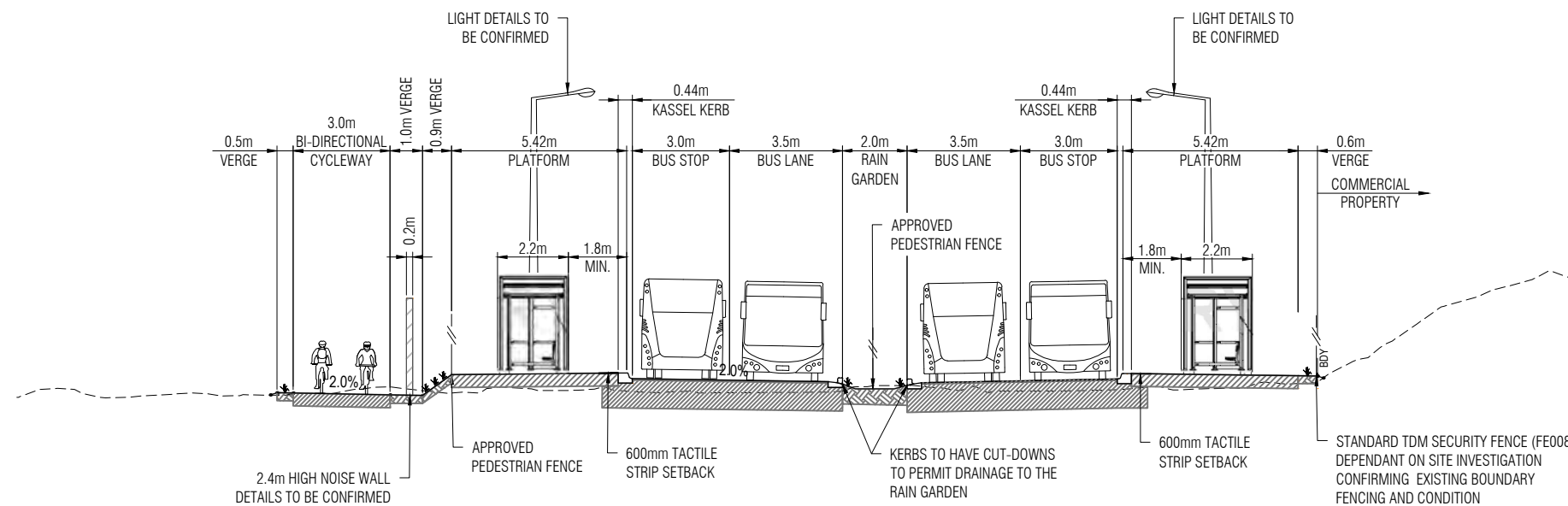
- EXISTING GROUND LEVEL
- DESIGN GROUND LEVEL
- PAVEMENT CONSTRUCTION
- LANDSCAPED SURFACE
- EXISTING PAVEMENT TO REMAIN



A | TYPICAL CROSS SECTION - BUSWAY ALIGNMENT - CH30340
Z3-00101 Scale 1:100(A1) / 1:200(A3)



B | TYPICAL CROSS SECTION - CH30940
Z3-00111 Scale 1:100(A1) / 1:200(A3)



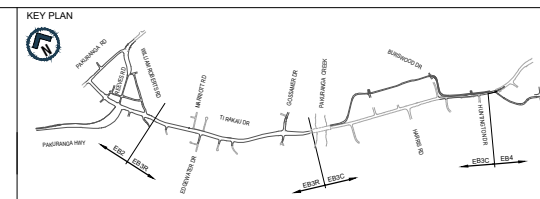
B | TYPICAL CROSS SECTION - BUS STATION - CH31100
Z3-00112 Scale 1:100(A1) / 1:200(A3)

FOR LODGEMENT

Filename: EB-2-R-4-PL-DG-000301.DWG Plot By: SANTOSMR (8/25/2023 10:56:48 am)

ORIGINAL SIZE A1

ORIGINAL IN COLOUR



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



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

Design Package CONSENTING	
Drawing Title TYPICAL CROSS SECTIONS TI RAKAU DRIVE AND BUSWAY SHEET 1 OF 2	
Drawing Number EB-2-R-4-PL-DG-000301	Revision A

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		

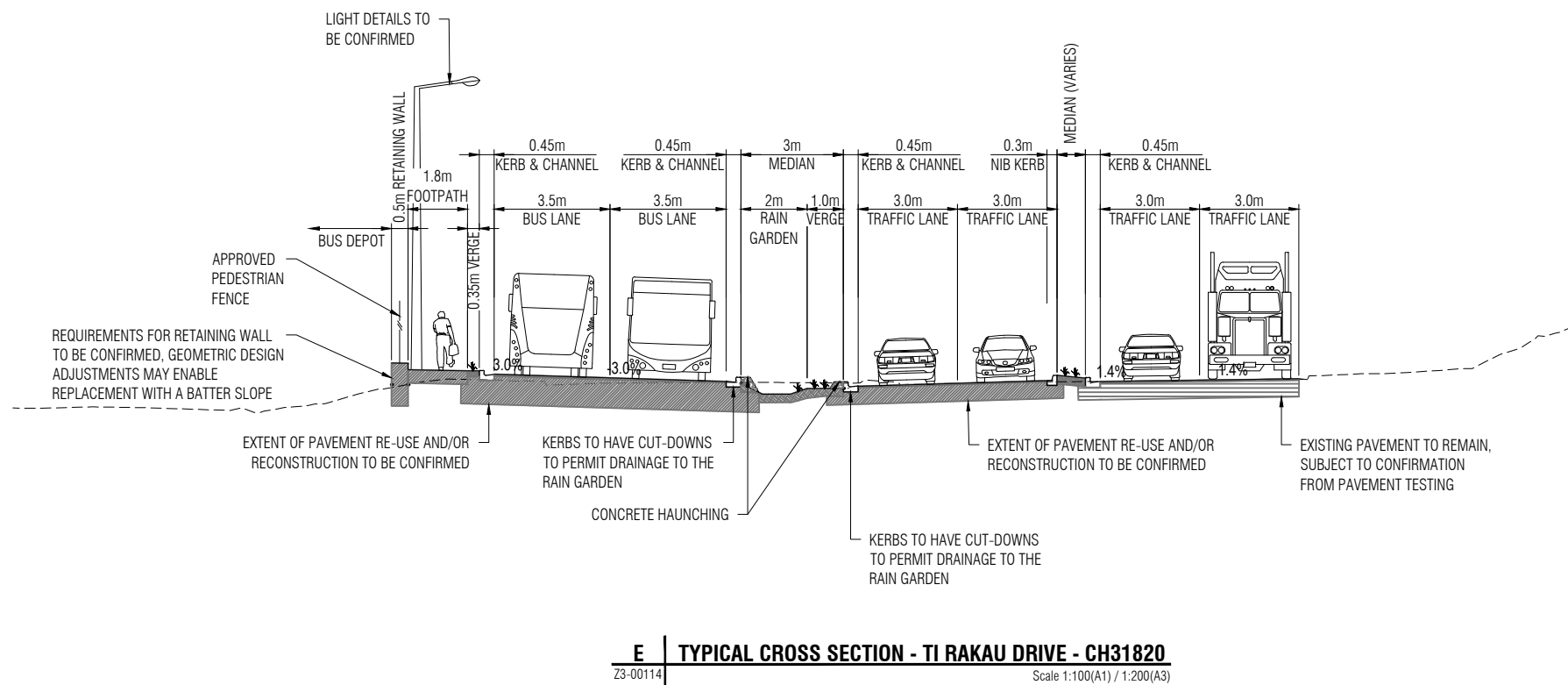
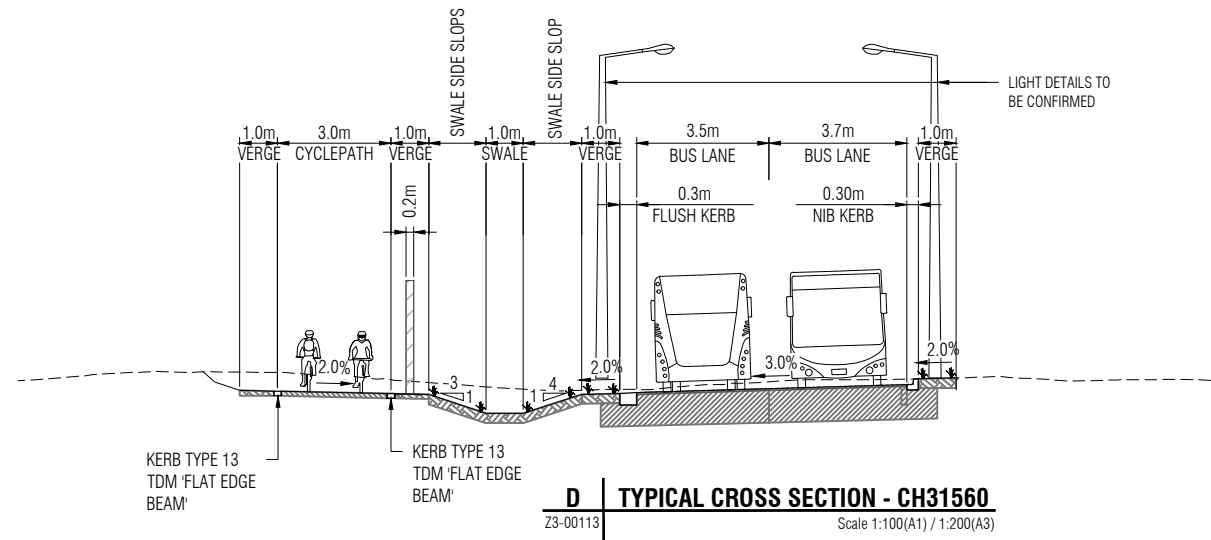
REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

NOTES

- DO NOT SCALE OFF THESE DRAWINGS.
- ALL DIMENSIONS AND DISTANCES ARE IN METRES UNLESS STATED OTHERWISE.
- REFER TO DRAWING Nos. EB-2-R-4-PL-DG-000101 TO DG-000116 FOR GENERAL ARRANGEMENT PLANS.

LEGEND

- EXISTING GROUND LEVEL
- DESIGN GROUND LEVEL
- [Hatched Box] PAVEMENT CONSTRUCTION
- [Cross-hatched Box] LANDSCAPED SURFACE
- [Horizontal Line Box] EXISTING PAVEMENT TO REMAIN
- [Diagonal Line Box] CYCLEWAY PAVEMENT CONSTRUCTION AS PER TDM TECHNICAL DETAIL FP0003-A 'HEAVY DUTY FOOTPATH'



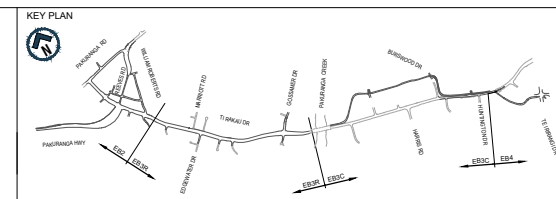
FOR LODGEMENT

Filename: EB-2-R-4-PL-DG-000302.DWG Plot By: SANTOSMR (8/25/2023 10:57:43 am)

ORIGINAL SIZE A1

ORIGINAL IN COLOUR

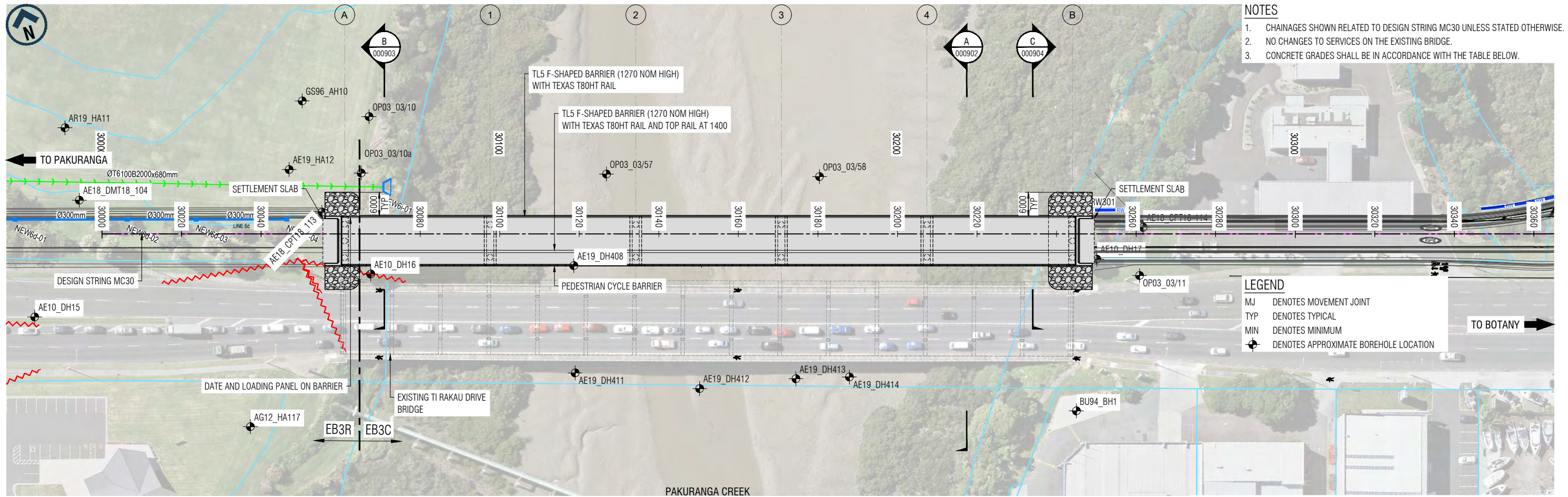
Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**

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

FOR LODGEMENT		CONSENTING	
Horizontal Datum		Design Title	
Vertical Datum		TYPICAL CROSS SECTIONS TI RAKAU DRIVE AND BUSWAY SHEET 2 OF 2	
A1 SCALE 1:100		A3 SCALE 1:200	
Drawing Number		Revision	
EB-2-R-4-PL-DG-000302		A	

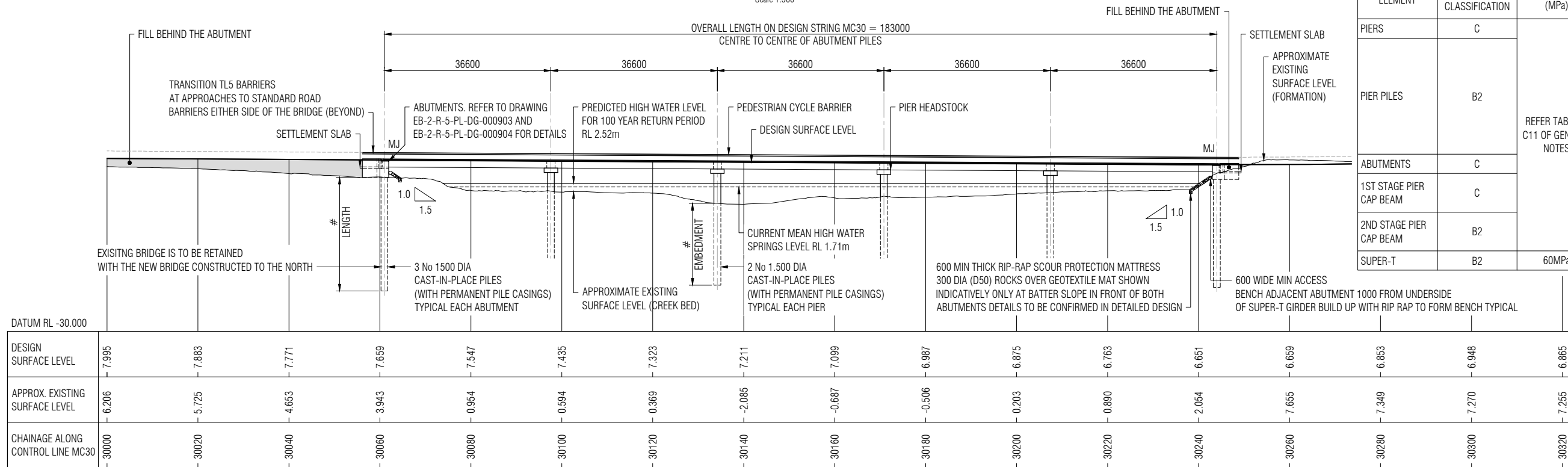


- NOTES**
- CHAINAGES SHOWN RELATED TO DESIGN STRING MC30 UNLESS STATED OTHERWISE.
 - NO CHANGES TO SERVICES ON THE EXISTING BRIDGE.
 - CONCRETE GRADES SHALL BE IN ACCORDANCE WITH THE TABLE BELOW.

LEGEND

MJ	DENOTES MOVEMENT JOINT
TYP	DENOTES TYPICAL
MIN	DENOTES MINIMUM
⊕	DENOTES APPROXIMATE BOREHOLE LOCATION

PLAN
Scale 1:500




ELEVATION
Scale 1:500

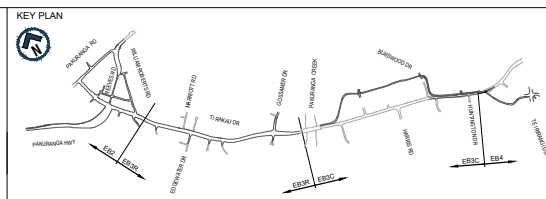
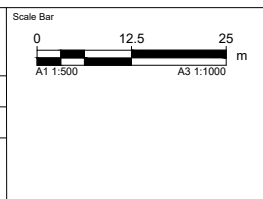
CONCRETE GRADES

ELEMENT	EXPOSURE CLASSIFICATION	CONCRETE GRADE (MPa)	MIN. CONCRETE COVER (mm)	COMMENTS
PIERS	C	REFER TABLE IN C11 OF GENERAL NOTES	REFER TABLE IN C11 OF GENERAL NOTES	N/A
PIER PILES	B2			PIER PILE CONCRETE GRADE KEPT THE SAME AS PIER CONCRETE GRADE FOR CONSTRUCTABILITY PURPOSES
ABUTMENTS	C			N/A
1ST STAGE PIER CAP BEAM	C			N/A
2ND STAGE PIER CAP BEAM	B2			N/A
SUPER-T	B2			60MPa

FOR LODGEMENT

ORIGINAL SIZE A1
Filename: EB-2-R-4-PL-DG-000901.DWG
Plot By: SANTOSMR (8/25/2023 11:02:31 am)

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT



**EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)**



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

CONSENTING

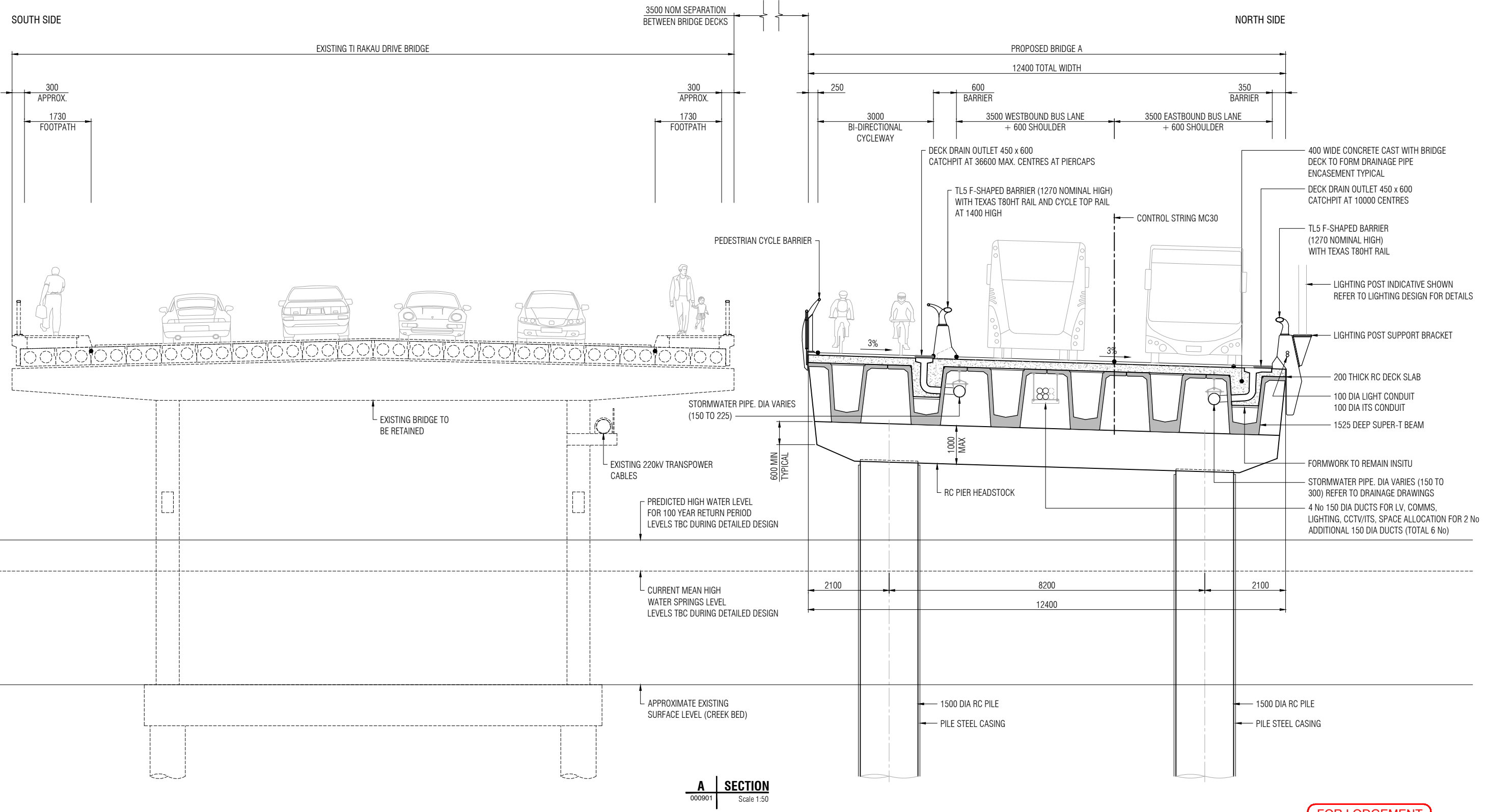
**BRIDGE A
PLAN AND ELEVATION**

EB-2-R-4-PL-DG-000901

Revision A

NOTES


- SECONDARY STEEL PROTECTIVE COATINGS (BARRIER HT RAILS, PEDESTRAIN/CYCLE BARRIER) SHALL ACHIEVE 25 YEARS TO FIRST MAJOR MAINTENANCE. C4 CORROSION CATEGORY FOR EXPOSED STEEL AND C5-M CORROSION CATEGORY FOR SHELTERED/WET EXPOSURE IN ACCORDANCE WITH SNZTS 3404.
- PERMANENT ANTI-GRAFFITI COATING COMPLYING WITH CLAUSE 4.12.9 OF THE BRIDGE MANUAL, NON-PIGMENTED, SHALL BE APPLIED TO THE FOLLOWING STRUCTURAL EXTENTS:
 1200 VERTICALLY FROM AN ACCESSIBLE TOP EDGE
 2700 VERTICALLY FROM GROUND LEVEL OR AN ELEVATED LANDING LEVEL
 1500 HORIZONTALLY FROM AN ACCESSIBLE AREA
 ALL FACES OF BARRIERS

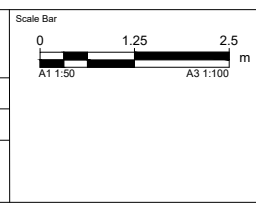


A SECTION
000901 Scale 1:50


FOR LODGEMENT

ORIGINAL SIZE A1
 Plot By: SANTOSMR (8/25/2023 11:03:42 am)
 Filename: EB-2-R-4-PL-DG-000902.DWG

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		



**EASTERN BUSWAY ALLIANCE
 EASTERN BUSWAY 3 COMMERCIAL
 (PAKURANGA TO BOTANY)**



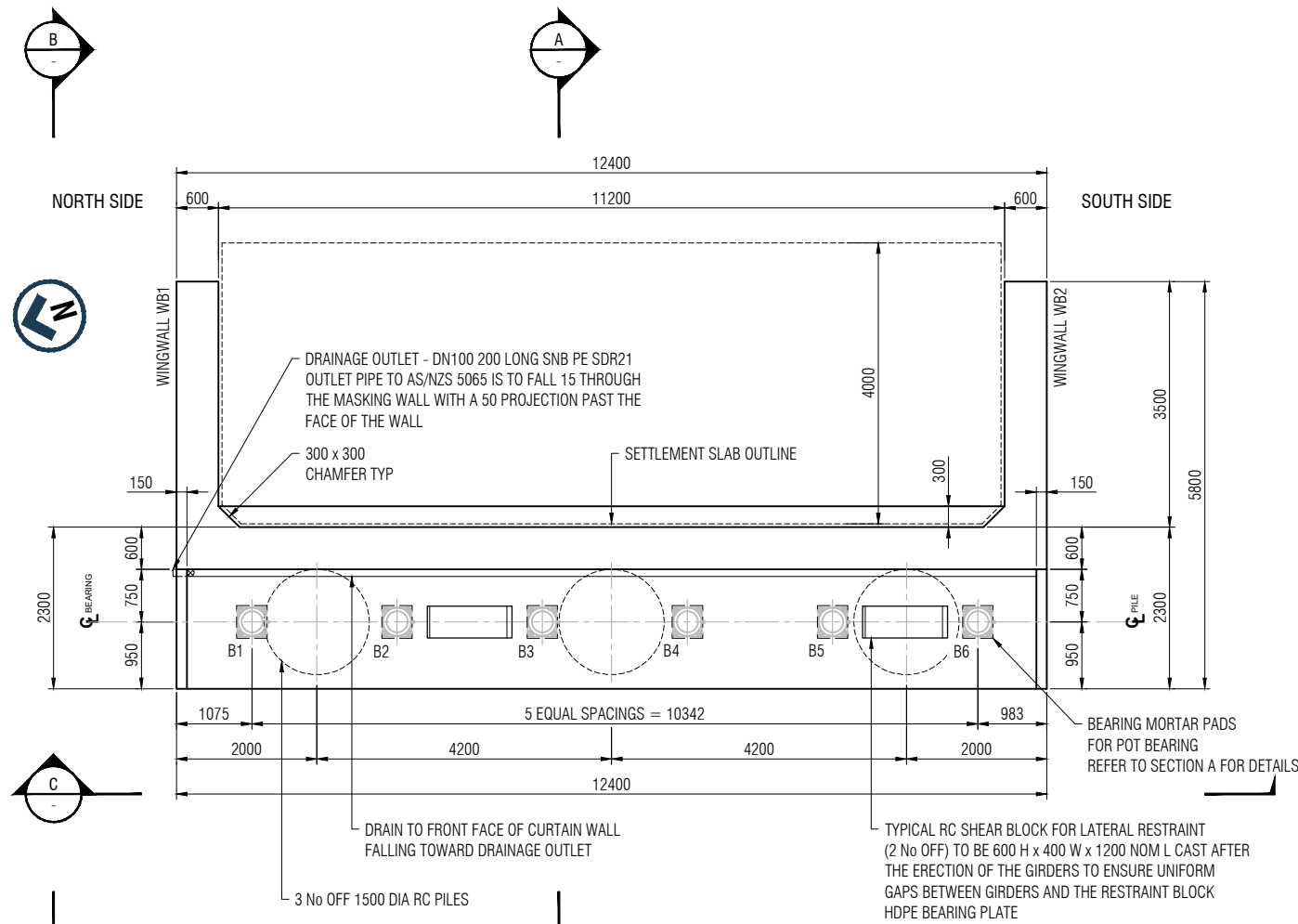
Drawing Status		FOR LODGEMENT	
Horizontal Datum		NZGD 2000 MOUNT EDEN CIRCUIT	
Vertical Datum		2016 NEW ZEALAND	
A1 SCALE	1:50	A3 SCALE	1:100

Design Package		CONSENTING	
Drawing Title		BRIDGE A TYPICAL CROSS SECTION	
Drawing Number		EB-2-R-4-PL-DG-000902	
Revision		A	

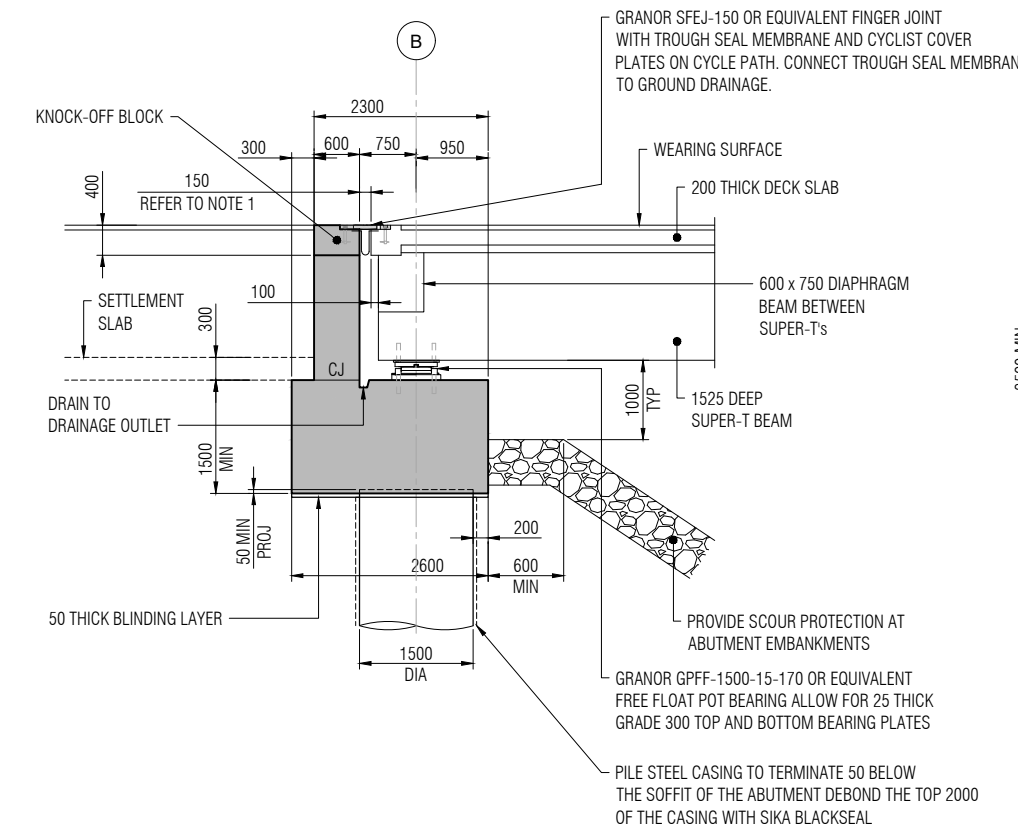
ORIGINAL IN COLOUR

NOTES

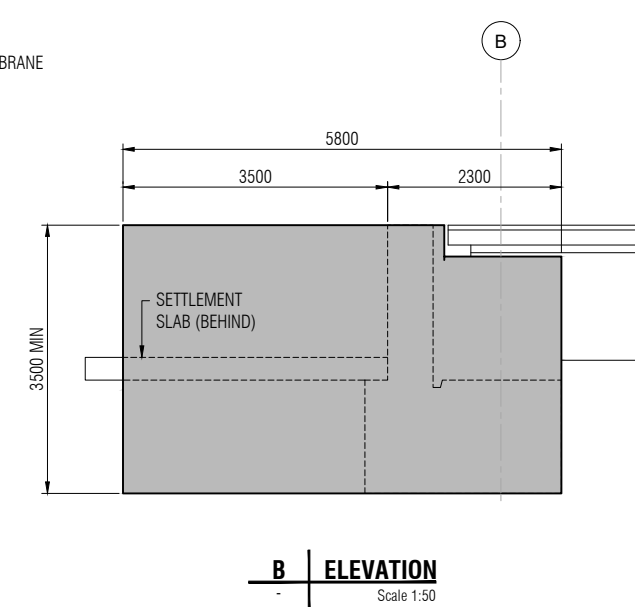
1. PRESET DECK JOINT AND POT BEARING WITH SPECIFIED OFFSET FOR LONG TERM SHORTENING EFFECTS. OFFSETS INDICATIVELY SHOWN. TO BE CONFIRMED DURING DETAILED DESIGN.



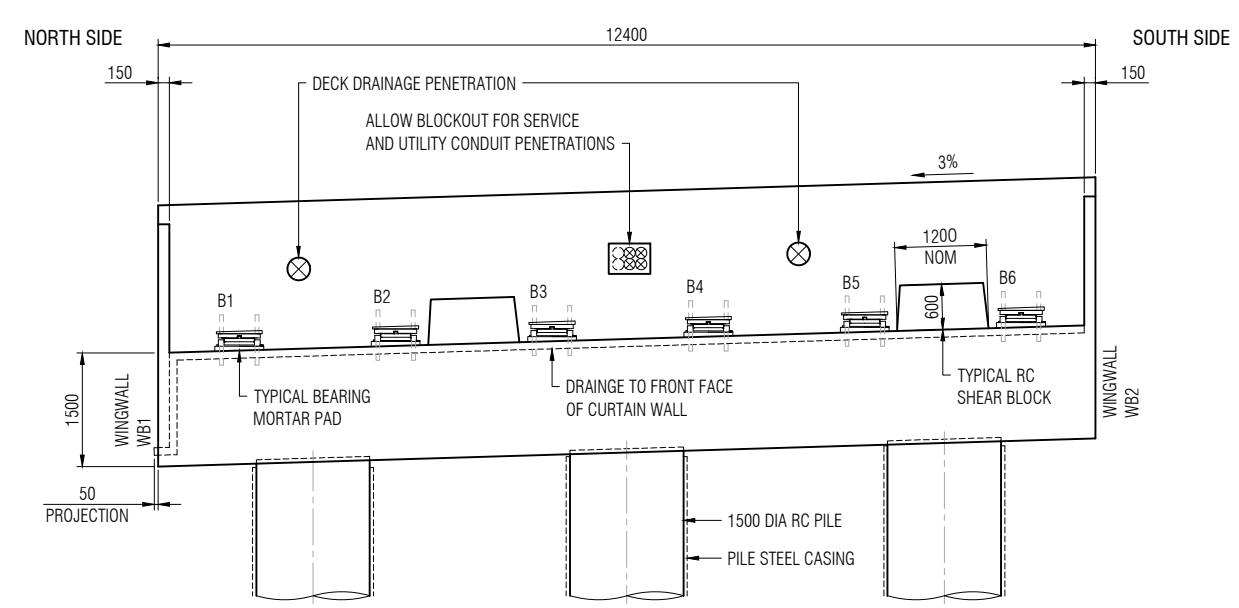
PLAN - ABUTMENT B
Scale 1:50



A SECTION
Scale 1:50



B ELEVATION
Scale 1:50



C ELEVATION - ABUTMENT B
Scale 1:50

File name: EB-2-R-4-PL-DG-000903 DWG
 Plot By: SANTOSMR (8/25/2023 11:07:18 am)
 ORIGINAL SIZE
 A1
 ORIGINAL IN COLOUR

Scale Bar
0 1.25 2.5 m
A1 1:50 A3 1:100

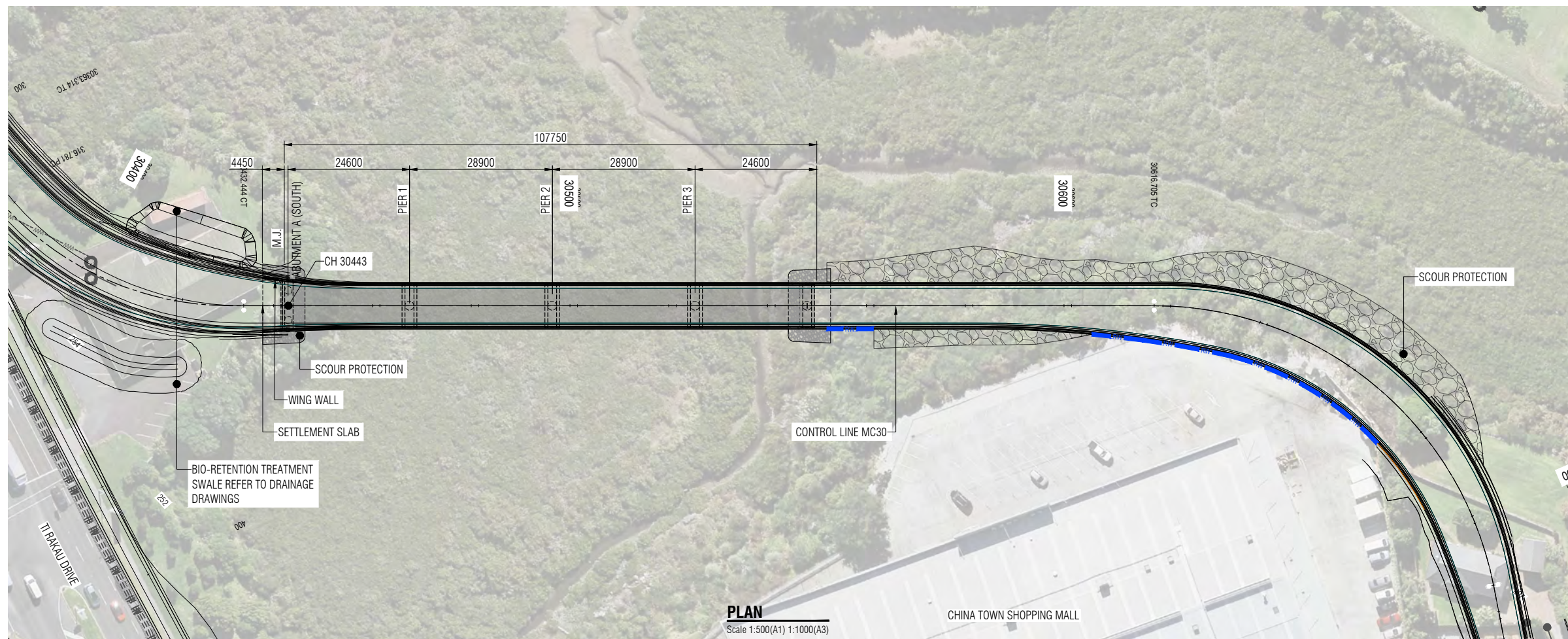
KEY PLAN

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		

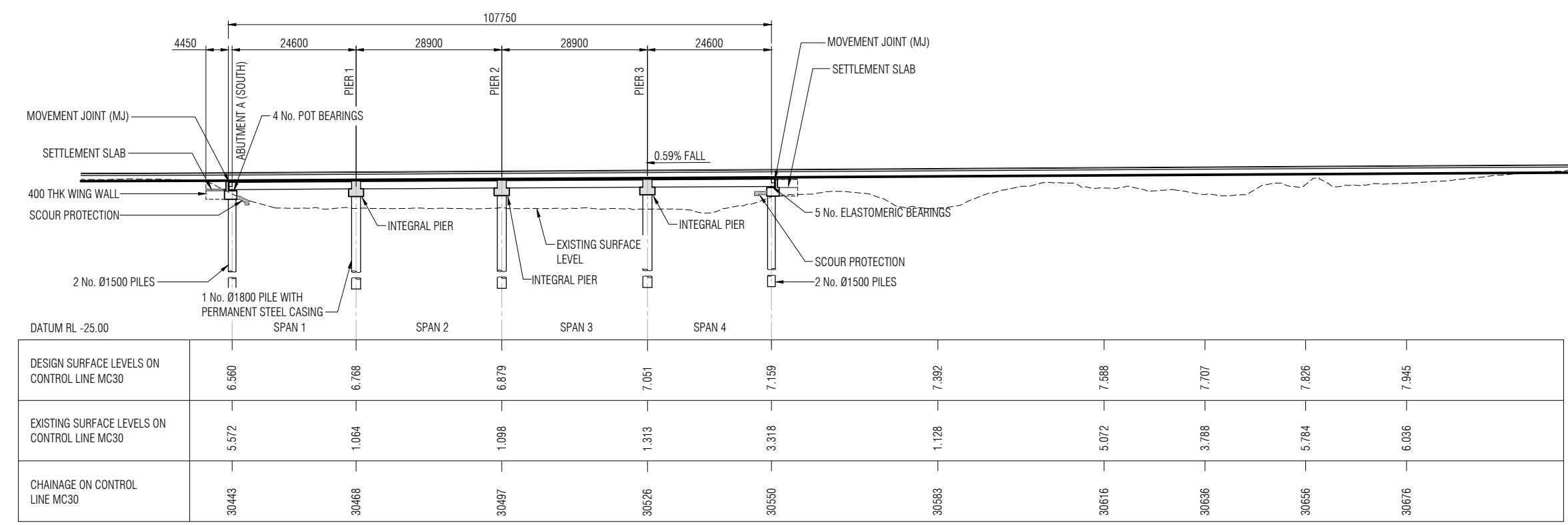
EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)

Drawing Status FOR LODGEMENT		Design Package CONSENTING	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT		Drawing Title BRIDGE A ABUTMENT B PLAN ELEVATION AND SECTION	
Vertical Datum 2016 NEW ZEALAND		Drawing Number EB-2-R-4-PL-DG-000903	
A1 SCALE 1:50	A3 SCALE 1:100	Revision A	

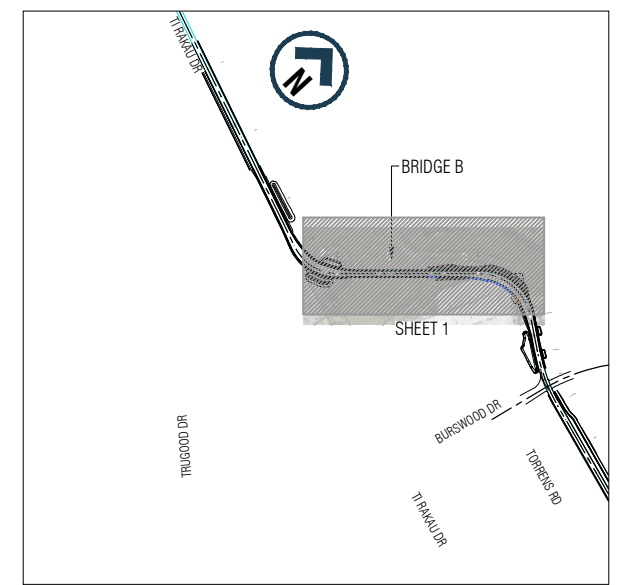
FOR LODGEMENT



- ### NOTES
- REFER TO STRUCTURAL GENERAL NOTES DRAWINGS EB234-1-BR-DG-ZO-03005 TO 03009
 - REFER TO STRUCTURAL STANDARD DRAWINGS EB234-1-BR-DG-ZO-03030 TO 03080.
 - REFER TO GEOTECHNICAL PACKAGE FOR PILE LENGTHS
 - CHAINAGES SHOWN RELATED TO DESIGN STRING MC30 UNLESS STATED OTHERWISE.
 - DATE AND LOADING PANEL SHALL BE FIXED TO THE INSIDE OF EDGE BARRIERS IN ACCORDANCE WITH WAKA KOTAHI BRIDGE MANUAL
 - CONCRETE GRADES SHALL BE IN ACCORDANCE WITH THE TABLE IN DRAWING EB234-1-BR-DG-ZO-03006.
 - ANTI-GRAFFITI COATING SHALL BE APPLIED TO ALL FACES OF CONCRETE BARRIERS, 1200 VERTICALLY FROM GROUND LEVEL OR AN ELEVATED LANDING LEVEL 1500 HORIZONTALLY FROM AN ACCESSIBLE AREA.
 - THE CROSS-SECTIONAL WIDTH FOR THE GROUND IMPROVEMENTS IS INDICATIVE AT THIS STAGE AND WILL REQUIRE CONFIRMATION FOLLOWING THE SUPPLEMENTARY GROUND INVESTIGATION AND DEVELOPMENT OF THE GEOMETRIC DESIGN.
 - FOR PRELIMINARY PRICING PURPOSES, ASSUME WIDTH OF GROUND IMPROVEMENT TO COVER FULL EMBANKMENT FOOTPRINT, PLUS 2m EITHER SIDE.
 - PERCENTAGES OF ANTICIPATED TYPES OF GROUND IMPROVEMENT ARE ALSO INDICATIVE AT THIS STAGE AND WILL REQUIRE CONFIRMATION FOLLOWING THE SUPPLEMENTARY GROUND INVESTIGATION.



ELEVATION ON CONTROL MC30
Scale 1:500(A1) 1:1000(A3)



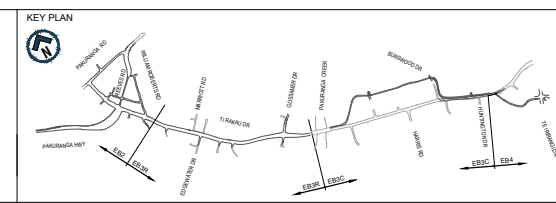
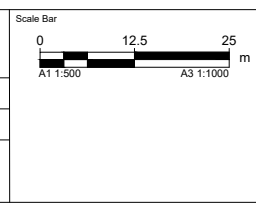
LOCALITY PLAN

FOR LODGEMENT

File Name: EB-2-R-4-PL-DG-000911.DWG
 Plot By: SANTOSMR (8/25/2023 11:09:40 am)
 ORIGINAL SIZE
 A1
 ORIGINAL IN COLOUR

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

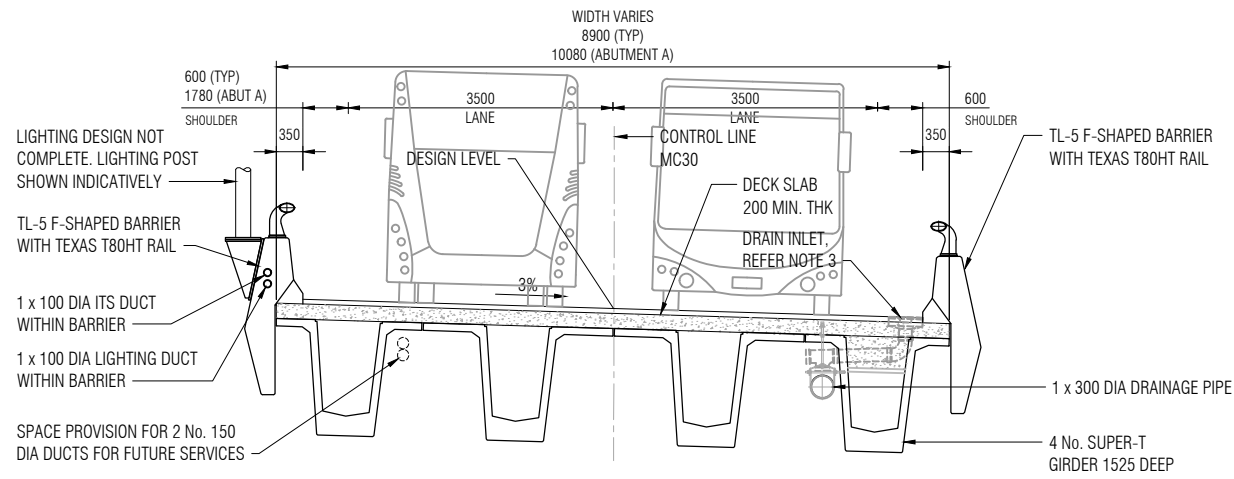
Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill		
Date	25/08/2023		



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)

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

DESIGN PACKAGE	
CONSENTING	
Drawing Title BRIDGE B PLAN AND ELEVATION	
Drawing Number EB-2-R-4-PL-DG-000911	Revision A



A | **TYPICAL SECTION**
 000911 | Scale 1:50(A1) 1:100(A3)
 TYPICAL SECTION FROM
 ABUTMENT A TO PIER 4

NOTES


1. REFER TO STRUCTURAL GENERAL NOTES DRAWINGS EB234-1-BR-DG-Z0-03005 TO 03009.
2. REFER TO STRUCTURAL STANDARD DRAWINGS EB234-1-BR-DG-Z0-03030 TO 03080.
3. FOR POSITION, SIZE AND SPACING OF DRAIN INLETS REFER TO DRAINAGE DRAWINGS.

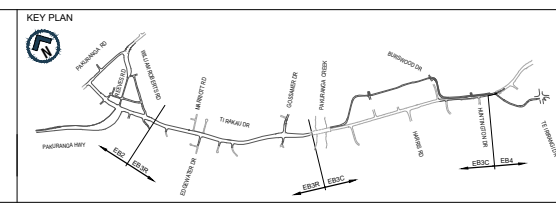
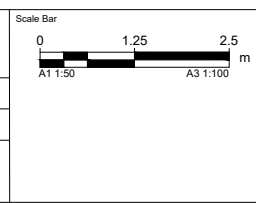
Filename: EB-2-R-4-PL-DG-000912.DWG Plot By: SANTOSMR (8/25/2023 11:10:27 am)

ORIGINAL SIZE A1


FOR LODGEMENT

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Designed	A. Hirani	Checked	A. Hirani
Drawn	M. Santos	Checked	A. Kanaris
Approved	J. Snowsill	 Approver Signature	
Date	25/08/2023		



**EASTERN BUSWAY ALLIANCE
 EASTERN BUSWAY 3 COMMERCIAL
 (PAKURANGA TO BOTANY)**



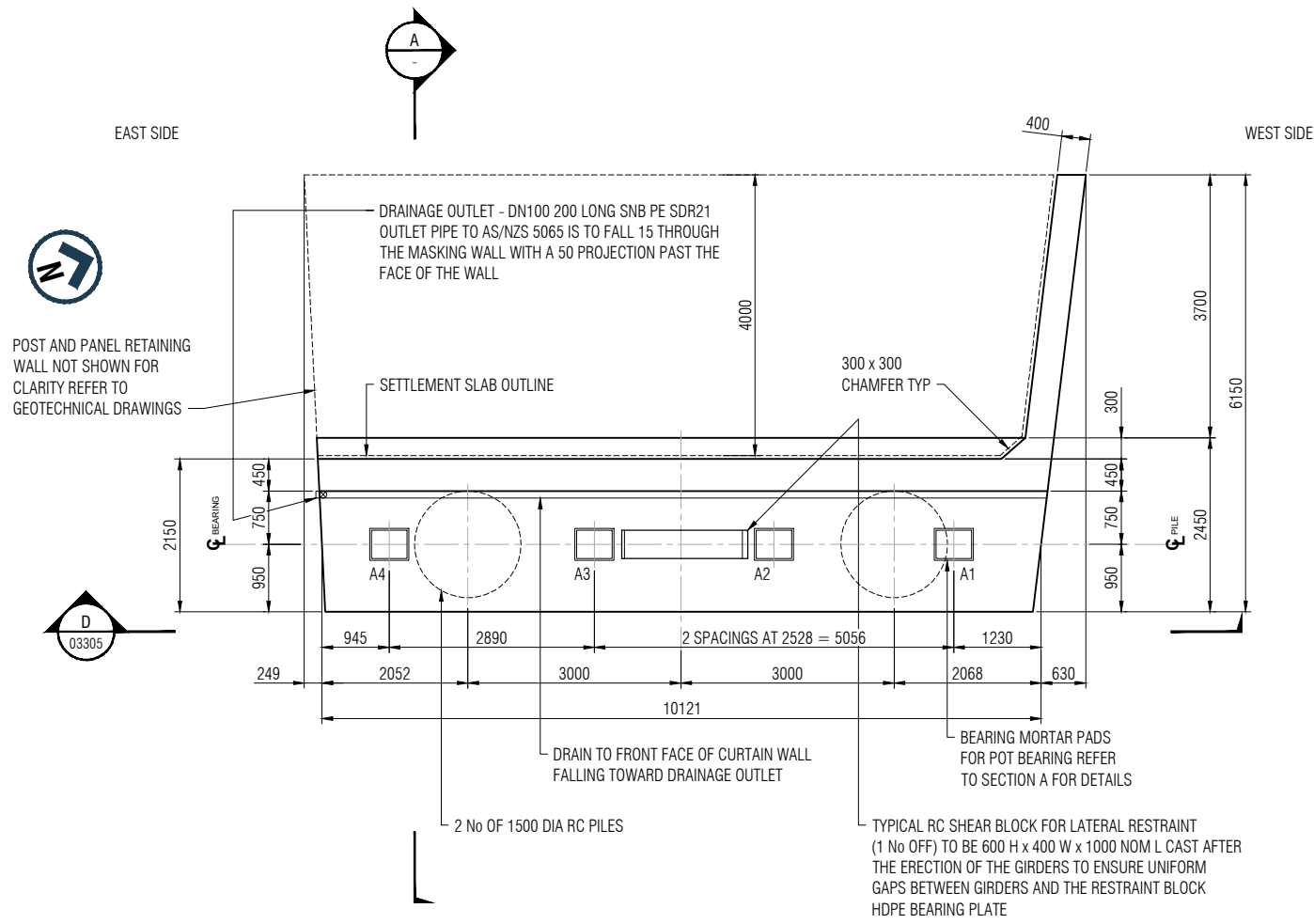
FOR LODGEMENT	
Horizontal Datum NZGD 2000 MOUNT EDEN CIRCUIT	
Vertical Datum 2016 NEW ZEALAND	
A1 SCALE	1:50
A3 SCALE	1:100

CONSENTING	
BRIDGE B TYPICAL CROSS SECTION	
Design Package	Revision
Drawing Title	A
Drawing Number	EB-2-R-4-PL-DG-000912

ORIGINAL IN COLOUR

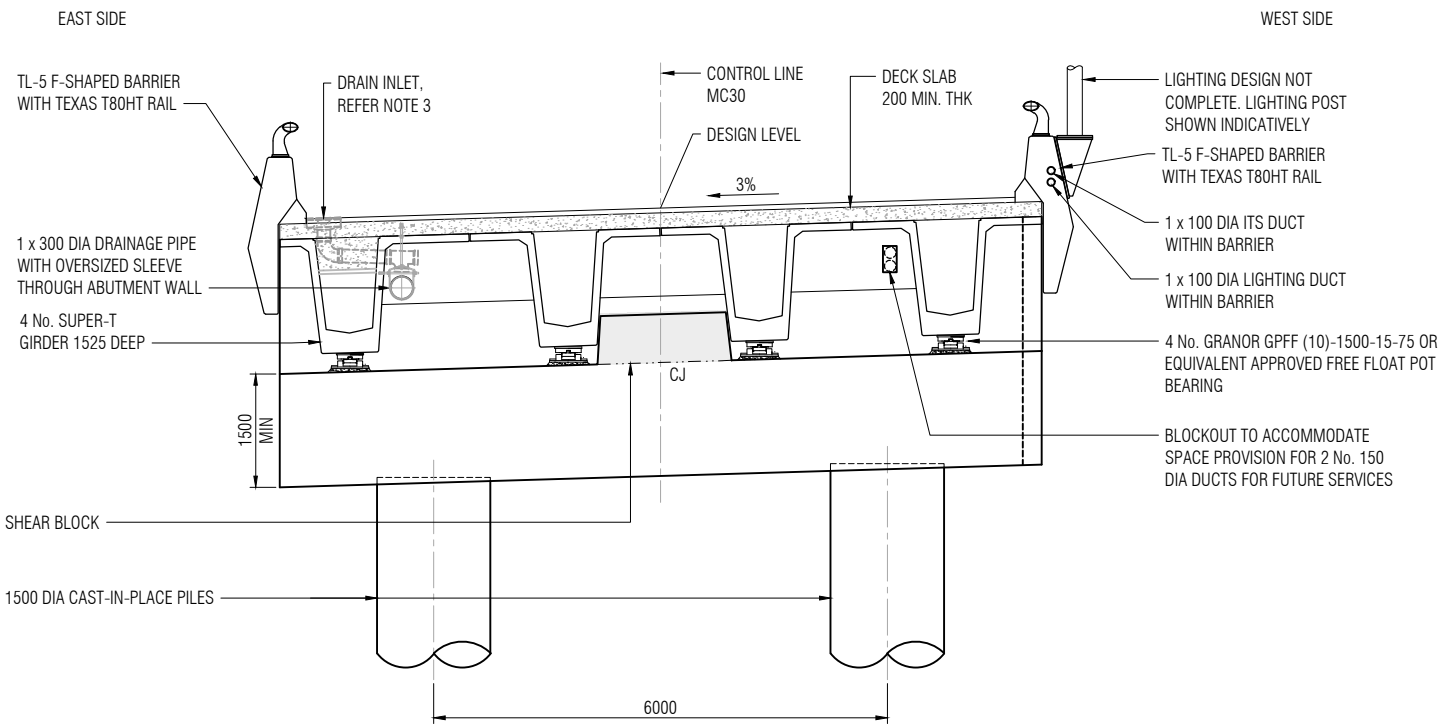
NOTES

- REFER TO STRUCTURAL GENERAL NOTES DRAWINGS EB234-1-BR-DG-Z0-03005 TO 03009.
- REFER TO STRUCTURAL STANDARD DRAWINGS EB234-1-BR-DG-Z0-03030 TO 03080.
- FOR POSITION, SIZE AND SPACING OF DRAIN INLETS REFER TO DRAINAGE DRAWINGS.



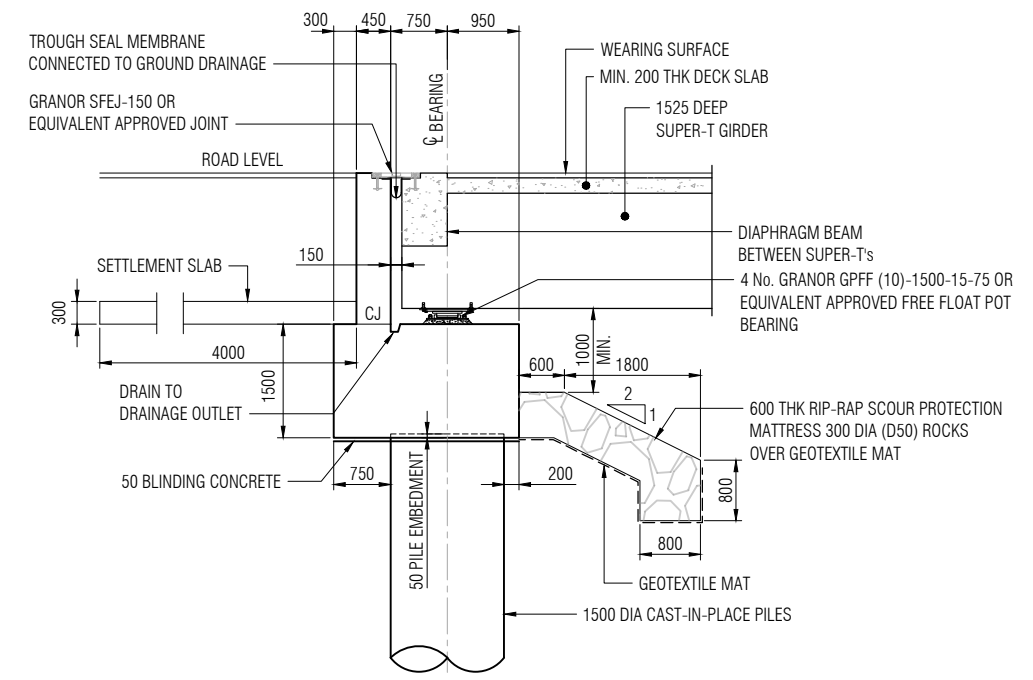
PLAN - ABUTMENT A

Scale 1:50(A1) 1:100(A3)



D ELEVATION - ABUTMENT A

Scale 1:50(A1) 1:100(A3)



A SECTION

Scale 1:50(A1) 1:100(A3)

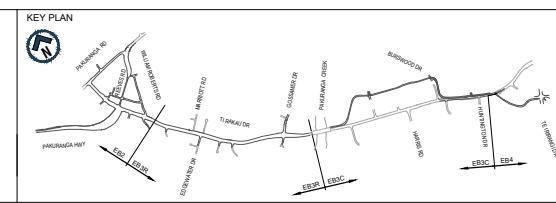
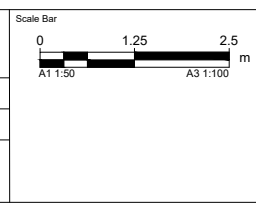
FOR LODGEMENT

Filename: EB-2-R-4-PL-DG-000913.DWG Plot By: SANTOSMR (8/25/2023 11:11:15 am)

REV	DATE	DRAWN	REVISION DESCRIPTION
A	25/08/2023	M. Santos	ISSUED FOR LODGEMENT

Design	Checked
A. Hirani	A. Hirani
M. Santos	A. Kanaris
J. Snowsill	

Date: 25/08/2023



EASTERN BUSWAY ALLIANCE
EASTERN BUSWAY 3 COMMERCIAL
(PAKURANGA TO BOTANY)

FOR LODGEMENT	
Horizontal Datum	NZGD 2000 MOUNT EDEN CIRCUIT
Vertical Datum	2016 NEW ZEALAND
A1 SCALE	1:50
A3 SCALE	1:100

CONSENTING	
BRIDGE B ABUTMENT A PLAN ELEVATION AND SECTION	
Drawing Number	EB-2-R-4-PL-DG-000913
Revision	A

ORIGINAL IN COLOUR