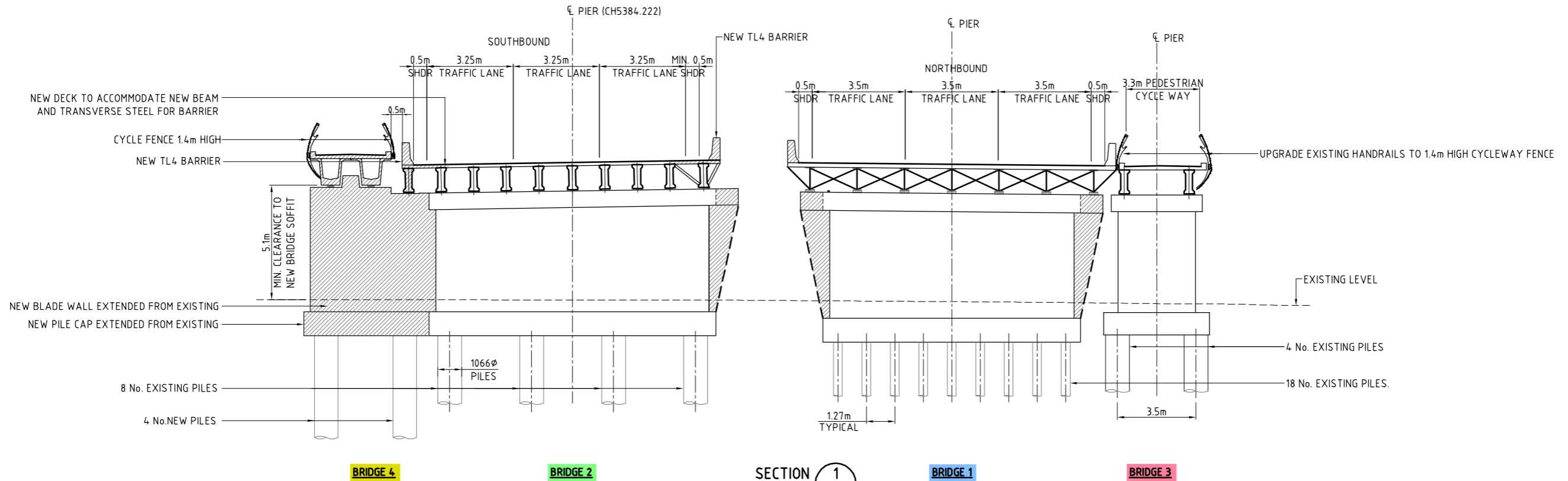


**TE ATATU BRIDGE PLAN**

1:500 @ A1  
1:1000 @ A3

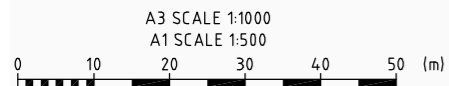


**TE ATATU BRIDGE TYPICAL CROSS SECTION AT PIER**

1:100 @ A1  
1:200 @ A3

**NOTE:**

TRAFFIC LANES ARE AS DIMENSIONED ABOVE. WILL SCALE INCORRECTLY DUE TO THE SKEWED CROSS SECTION.



No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

Drawing Originator:  
**aurecon**  
Aurecon New Zealand Limited  
139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland New Zealand  
Telephone: +64 9 520-8019  
Facsimile: +61 9 524-7816  
Email: auckland@aurecongroup.com

Original Scale (A1)	1:500,100	Designer	AG
Reduced Scale (A3)	1:1000,200	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by	Beca



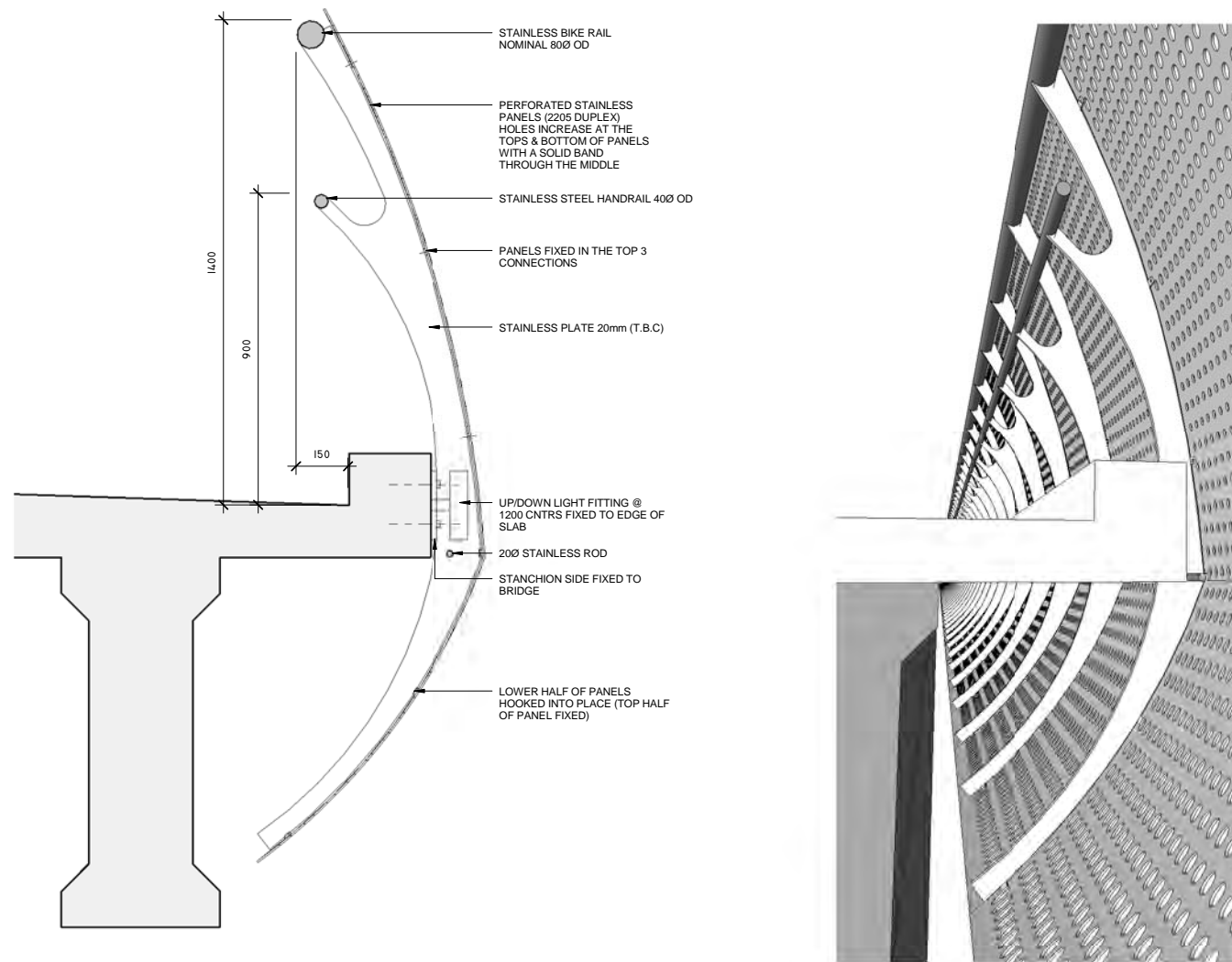
Project: **WATERVIEW CONNECTION PROJECT**  
**SH16 / SH20**

Title: **TE ATATU BRIDGE PLAN & CROSS SECTION**

**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

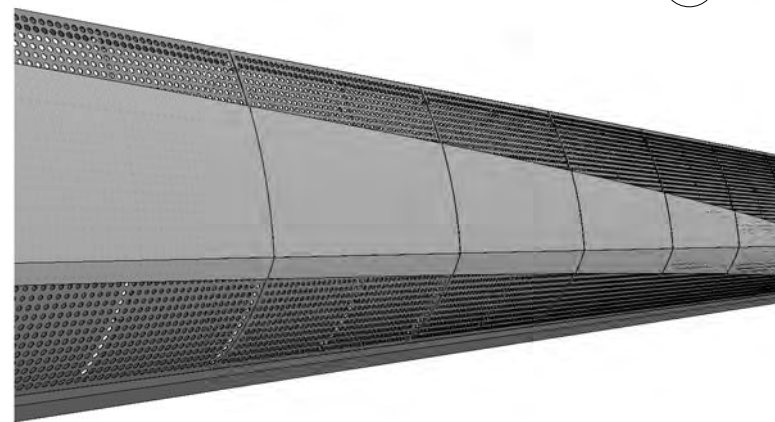
Base Level: **MSL AUCK.VERT.DATUM 1946**  
Grid Reference: **Mt Eden 2000**

Originator No. \_\_\_\_\_  
Project No. **20.111-D-N-917-210** Rev. **C**

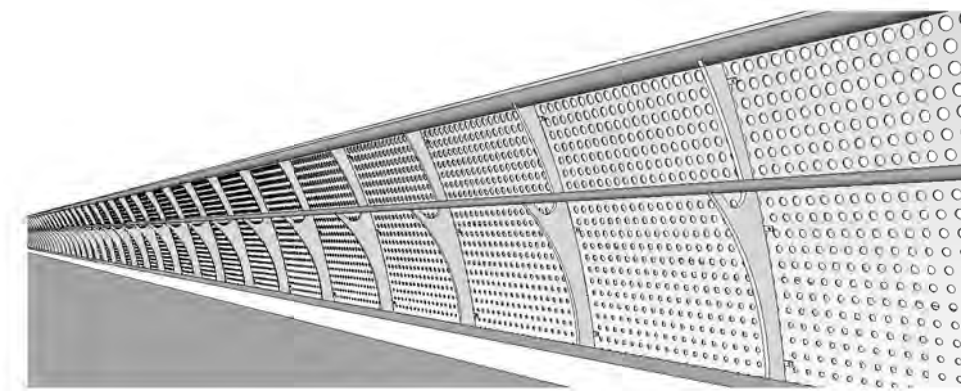


1 1:10 Section  
Callout of Section 1

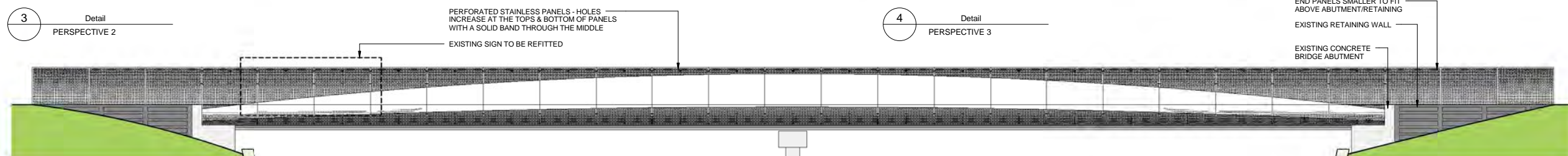
2 Detail  
PERSPECTIVE 1



3 Detail  
PERSPECTIVE 2



4 Detail  
PERSPECTIVE 3



5 1:100 Elevation  
ELEVATION

**ISSUED FOR STATUTORY  
APPROVAL**  
not for construction

Base Level:  
MSL AUCK VERT DATUM 1946  
Grid Reference:  
MT EDEN 2000  
Originator No:  
MT EDEN 2000  
Project No:  
20.1.11-3-D-N-919-210  
Rev  
B

No.	Revision	By	CHK	Appd	Date
B	ISSUED FOR STATUTORY APPROVAL	CHK	JBW	TMR	
A	ISSUED FOR SRT / NZTA REVIEW	CHK	JBW	TMR	

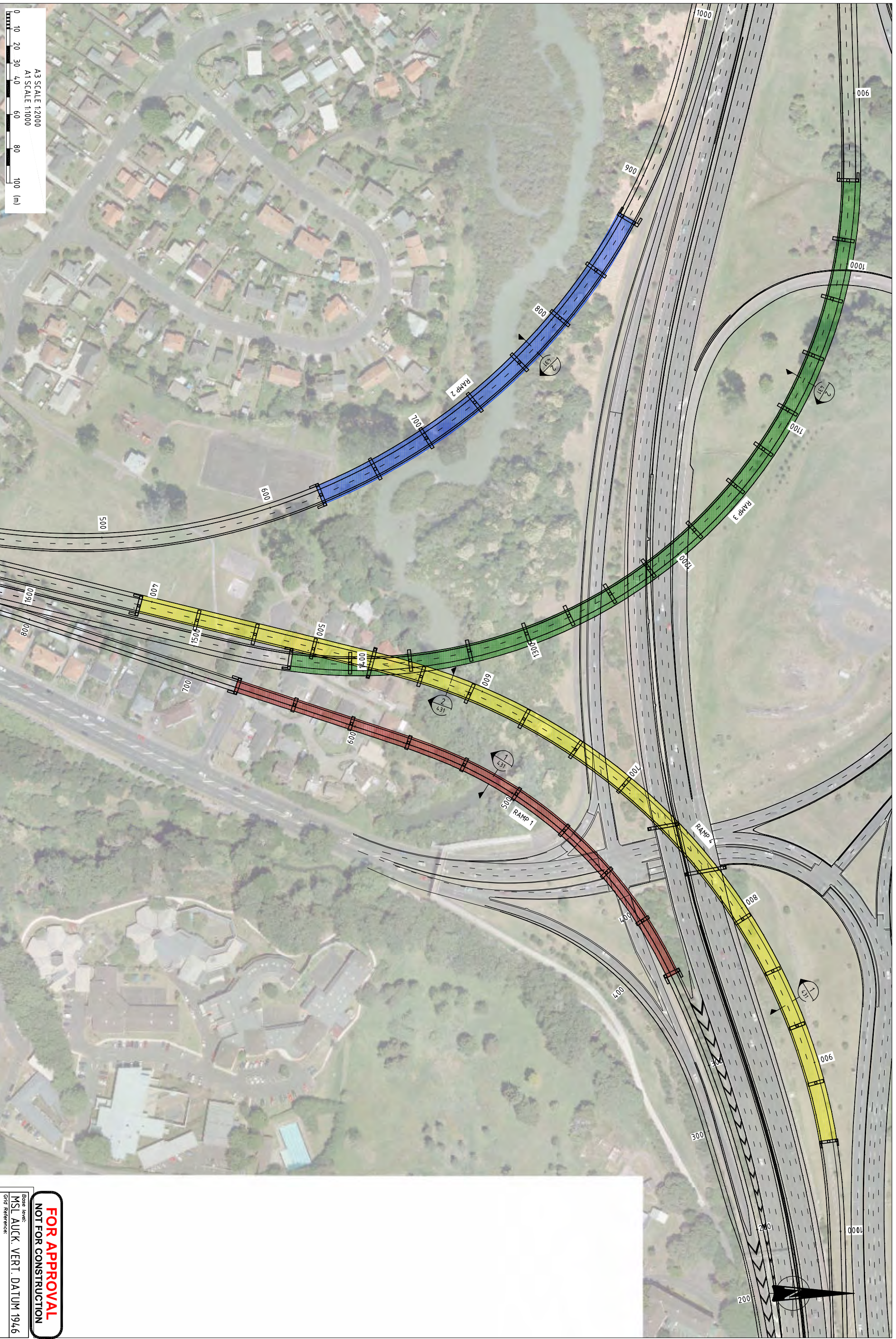
Drawing Originator:  
Jasmax Ltd  
www.jasmax.com  
ARCHITECTS, URBAN DESIGNERS,  
INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS  
Auckland, Wellington, Christchurch

Original Scale (A1)	Designer	CHK
As indicated	Reviewer	JBW
Reduced Scale (A3)	Drafting Checked	
	Consultant Approved	TMR
	Received by BECA	



Project:  
**WATERVIEW  
CONNECTION PROJECT  
SH16 / SH20**

Title:  
**TE ATATU ROAD BRIDGE  
BALUSTRADING**



A3 SCALE 1:2000  
 A1 SCALE 1:1000

0 10 20 30 40 60 80 100 (m)

No.	Revision	By	Chk	Appl	Date
A	ISSUE FOR STATUTORY APPROVAL	BMB			22.07.10
B	ISSUE FOR STATUTORY APPROVAL	BMB			22.06.10

Drawing Originator:		Original Scale (A1)	1:1000	Designer	AH
Becca		Reduced Scale (A3)	1:2000	Reviewer	BH
		Drafting Checked		Consultant Approval	AL
		Received By	Becca	Received By	



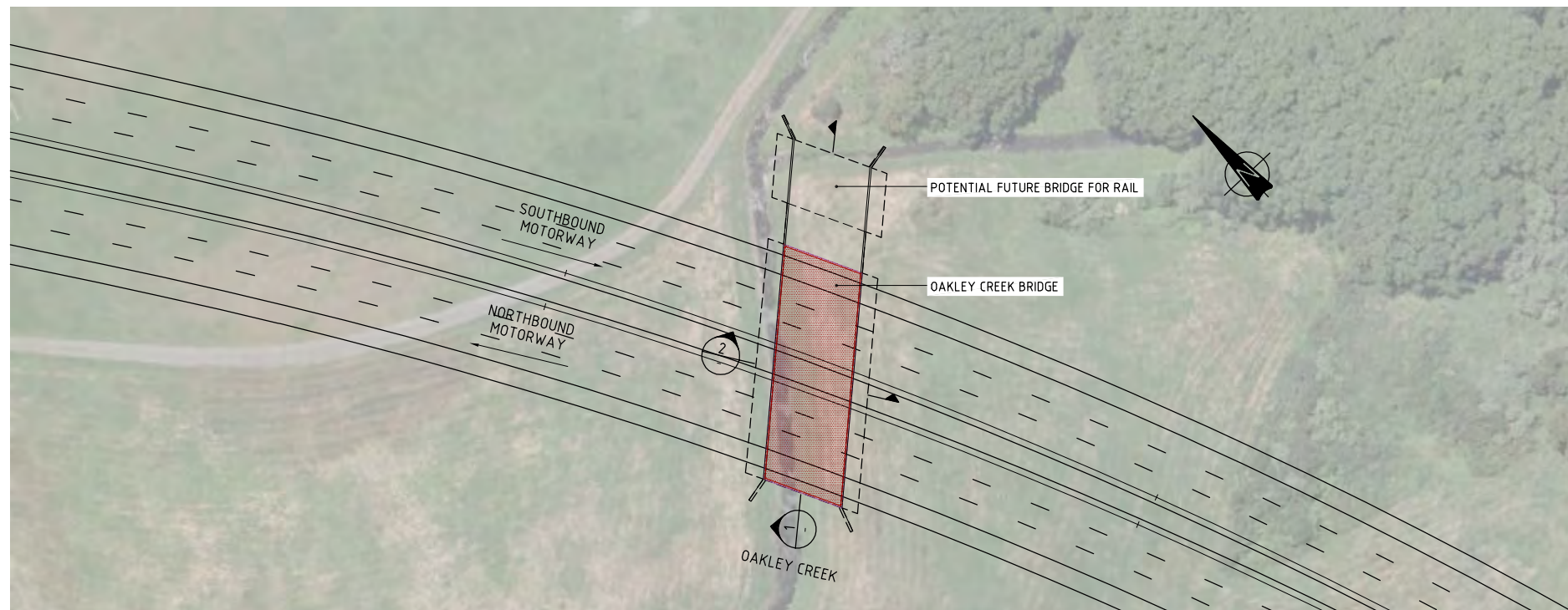
Project: WATERVIEW CONNECTION  
 PROJECT SH16 / SH20

Title: GREAT NORTH ROAD INTERCHANGE PLAN

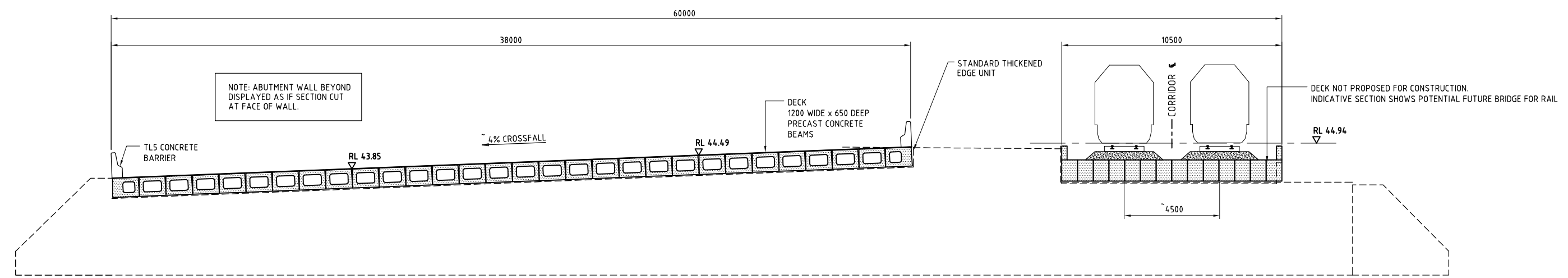
Board Level:	M/S LAUCK VERT. DATUM 1946
Grid Reference:	NZ MAP GRID
Project No.	20.111-3-D-S-917-430
Rev.	B

**FOR APPROVAL**  
 NOT FOR CONSTRUCTION

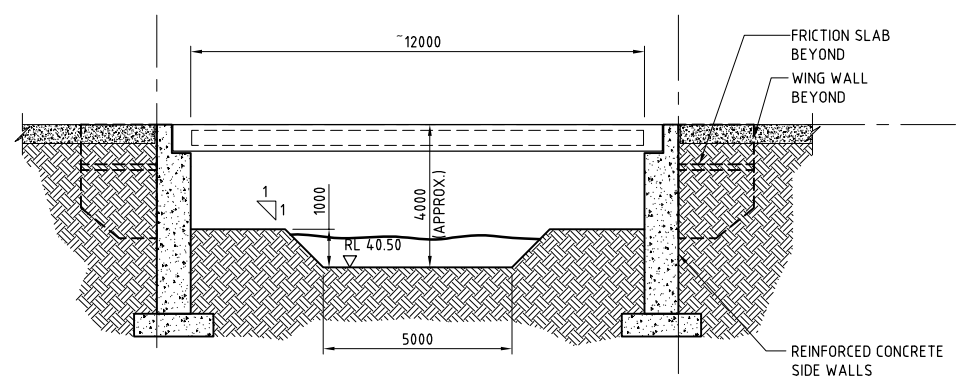




**PLAN**  
1:500



**1 LONG SECTION ALONG CENTERLINE**  
1:100



**2 CROSS SECTION**  
1:100

**FOR APPROVAL  
NOT FOR CONSTRUCTION**

Base level: MSL AUCK. VERT. DATUM 1946	
Grid Reference: NZ MAP GRID	
Originator No.	
Project No.	Rev.
20.111-3-D-S-917-460	B

No.	Revision	By	Chk	Appd	Date
B	ISSUE FOR STATUTORY APPROVAL	BNRB			22.07.10
A	ISSUE FOR SRT/NZTA REVIEW	BNRB			17.06.10

Drawing Originator:

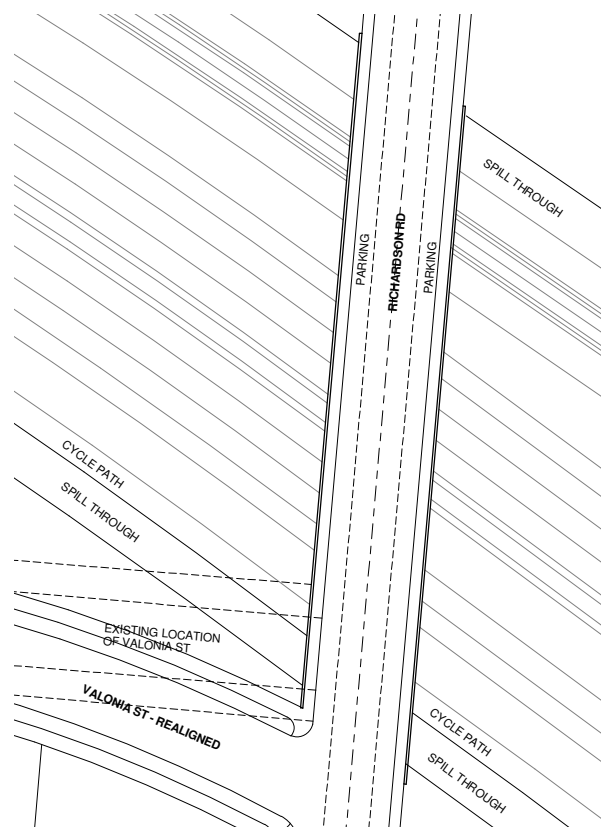
Original Scale (A1)	1:1000	Designer	AH
Reduced Scale (A3)	1:2000	Reviewer	BM
		Drafting Checked	-
		Consultant Approval	AL
		Received by Beca	

NZ TRANSPORT AGENCY  
WAKA KOTAHU

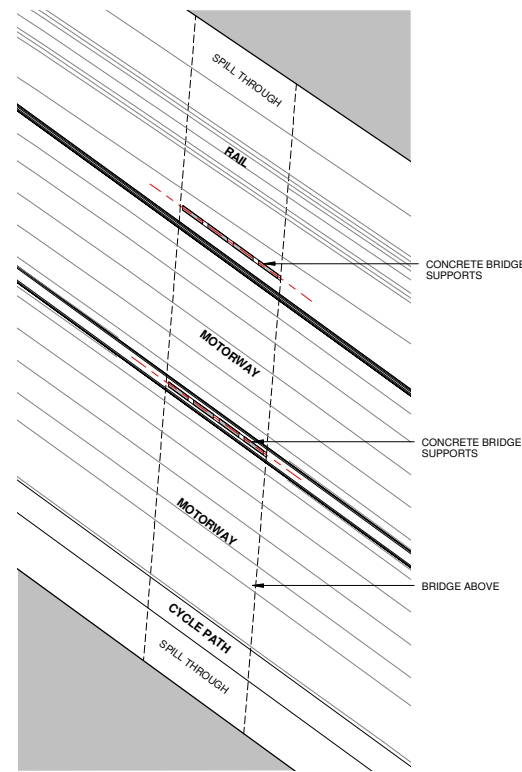
Project: **WATERVIEW CONNECTION PROJECT**  
SH16 / SH20

Title: **OAKLEY CREEK BRIDGE**  
PLAN & SECTIONS

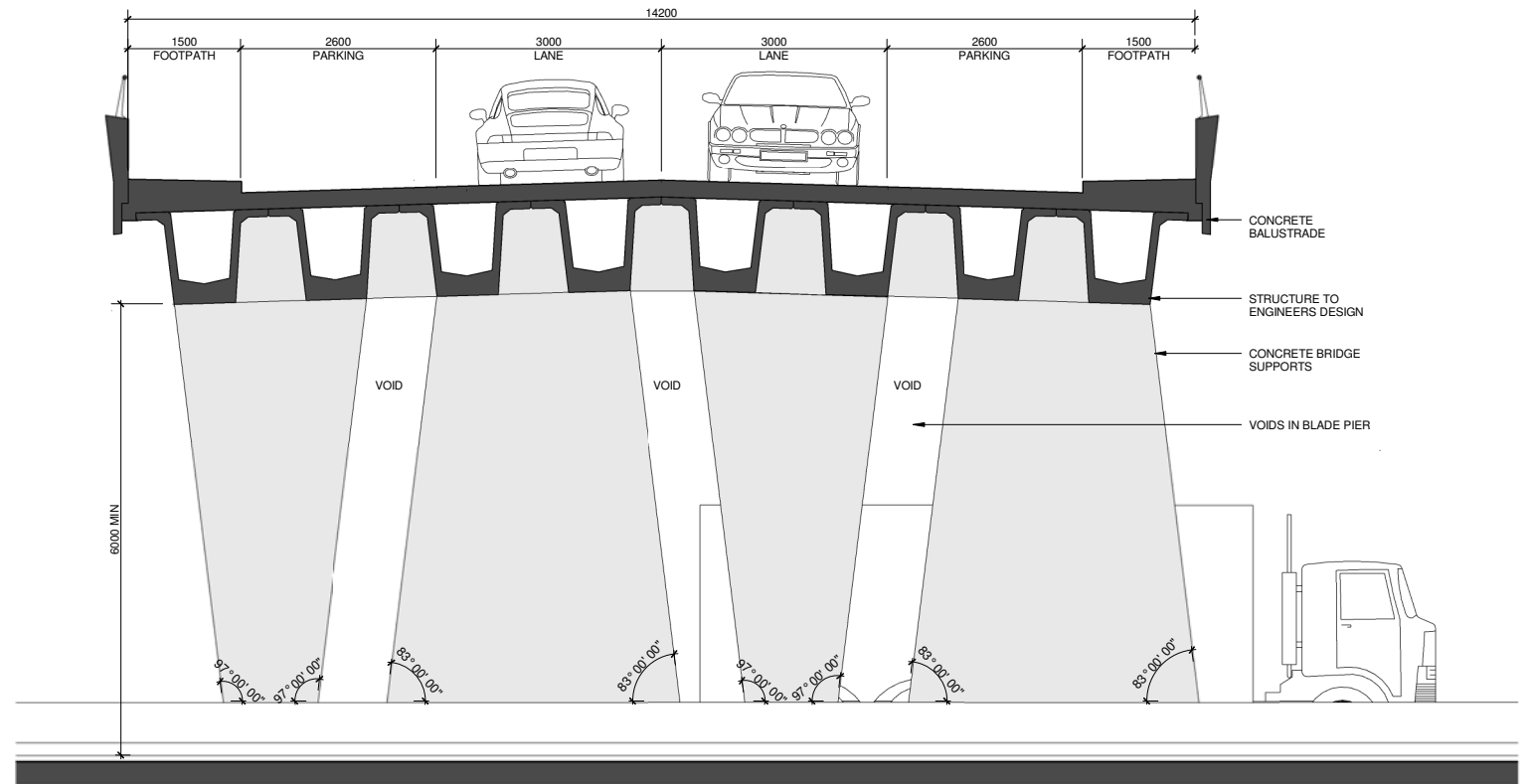




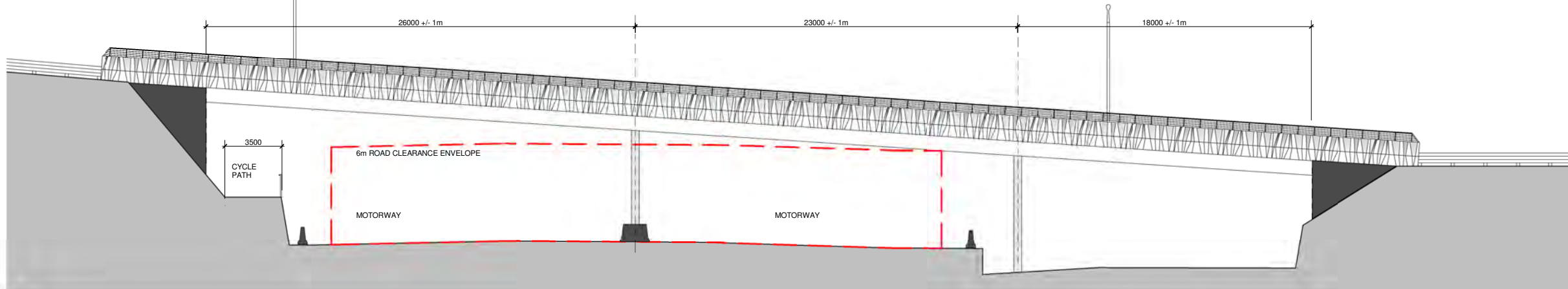
1 1:500 Plan  
Bridge Level



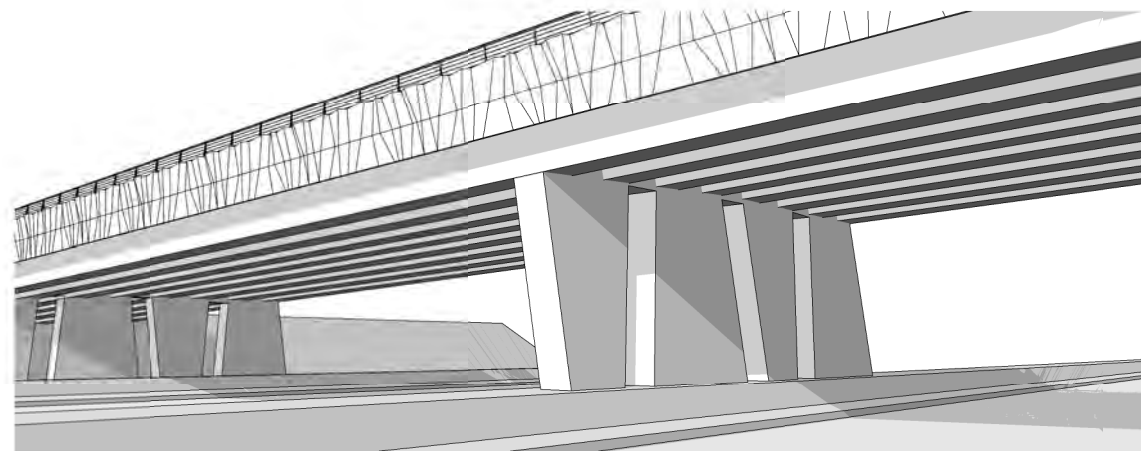
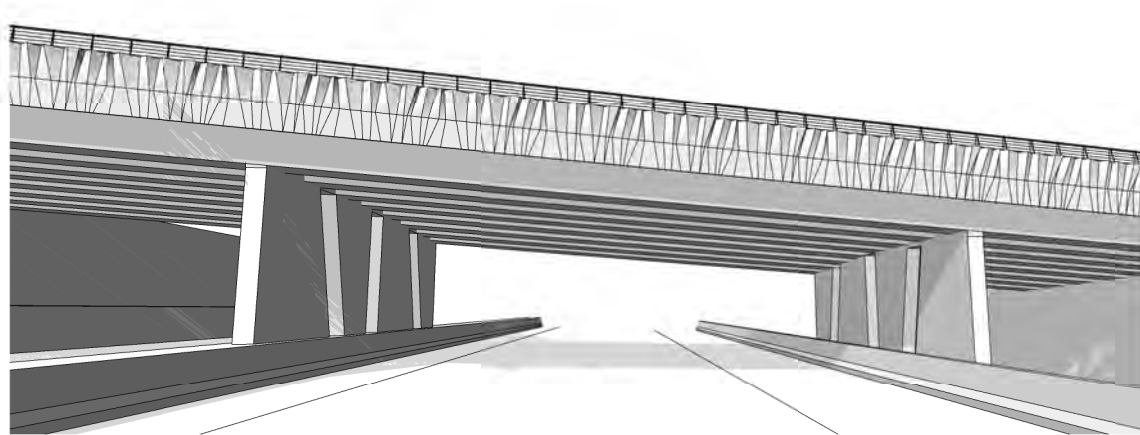
2 1:500 Plan  
Motorway Level



3 1:50 Section



4 1:150 Elevation



**DRAFT FOR REVIEW**

Base Level: MSL AUCK VERT DATUM 1946  
 Grid Reference: MT EDEN 2000  
 Originator No: MT EDEN 2000  
 Project No: 20.1.11-3-D-N-919-480  
 Rev: A

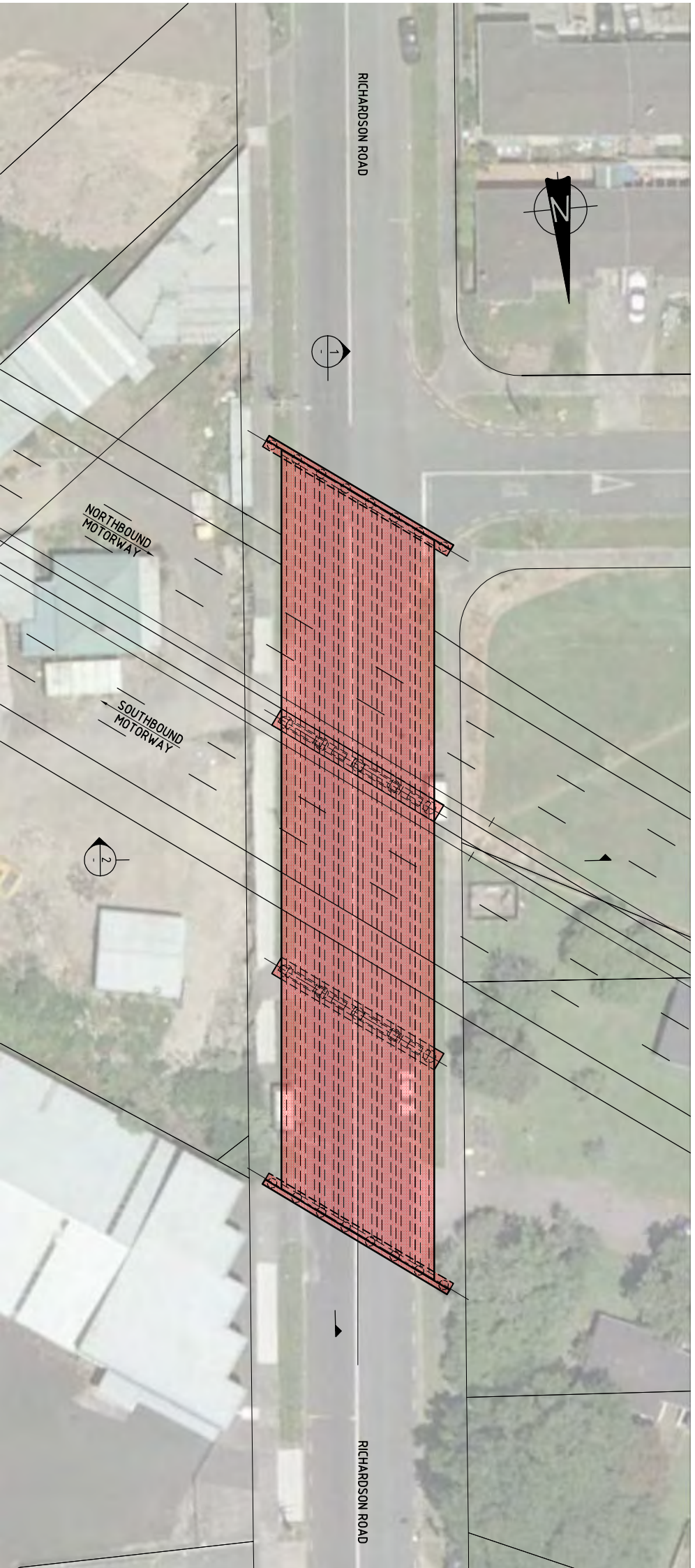
No.	Revision	By	Chk	Appd	Date
A	ISSUE FOR SRT / NZTA REVIEW	JX	WAP	AL	

Drawing Originator:	Jasmax Ltd www.jasmax.com ARCHITECTS, URBAN DESIGNERS, INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS Auckland, Wellington, Christchurch	Original Scale (A1) As Indicated Reduced Scale (A3)	Designer: JX Reviewer: WAP Drafting Checked: AL Consultant Approved: AL Received by BECA
---------------------	--	---	--

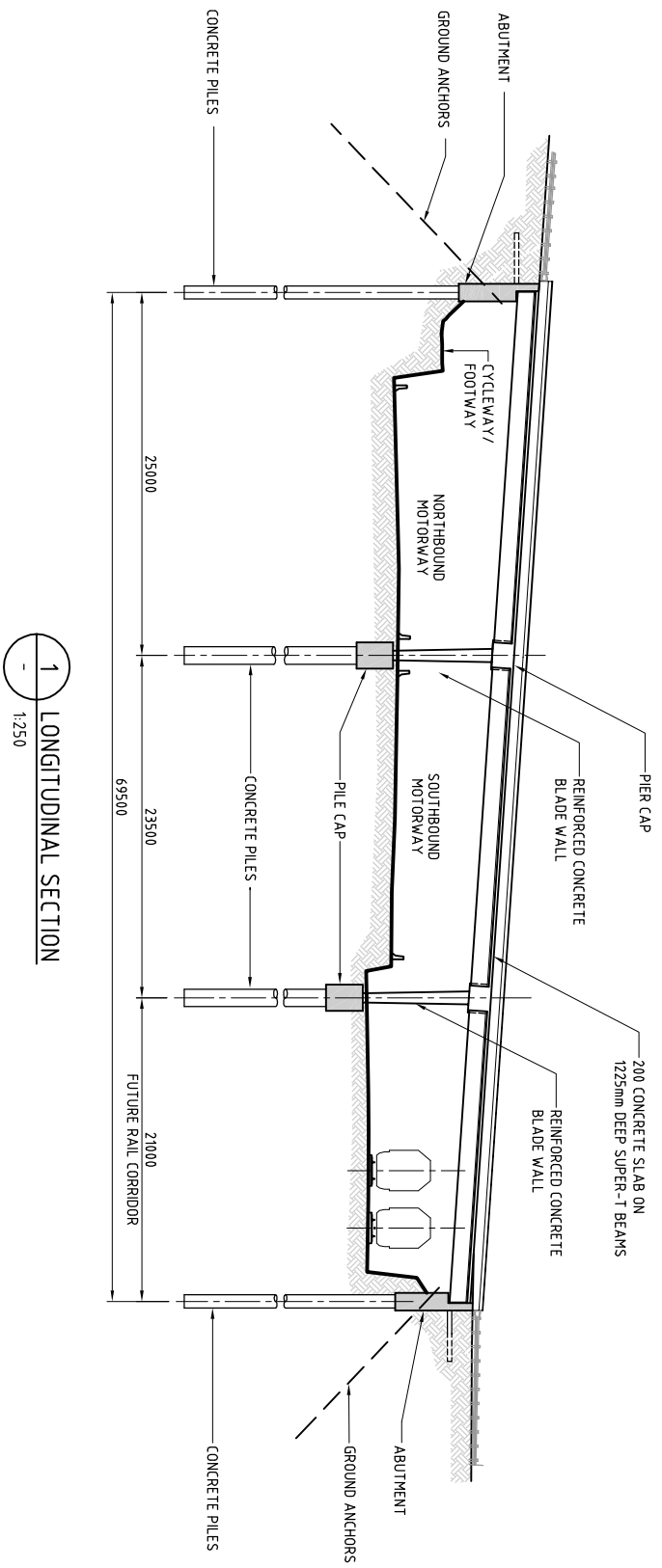


Project: WATERVIEW CONNECTION PROJECT SH16 / SH20

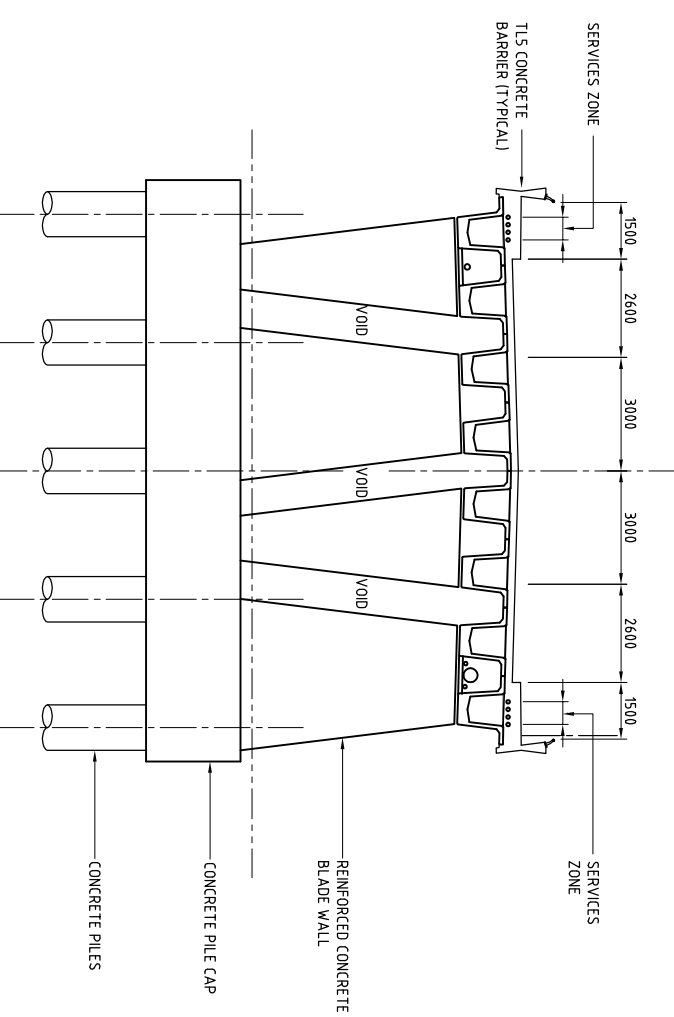
Title: RICHARDSON RD BRIDGE PLANS, SECTION & ELEVATIONS SHEET 480



PLAN  
1:250



1 LONGITUDINAL SECTION  
1:250



2 CROSS SECTION  
1:100

**FOR APPROVAL  
NOT FOR CONSTRUCTION**

No.	Revision	By	CHK	Appd	Date
A	ISSUE FOR STATUTORY APPROVAL	BMB			22.07.10
B	ISSUE FOR STATUTORY APPROVAL	B/JF	ARH		12.07.10



Original Scale (A1)	1:1000	Designer	AM
Reduced Scale (A3)	1:2000	Reviewer	BM
		Drafting Checked	-
		Consultant Approval	AL
		Received by Becca	

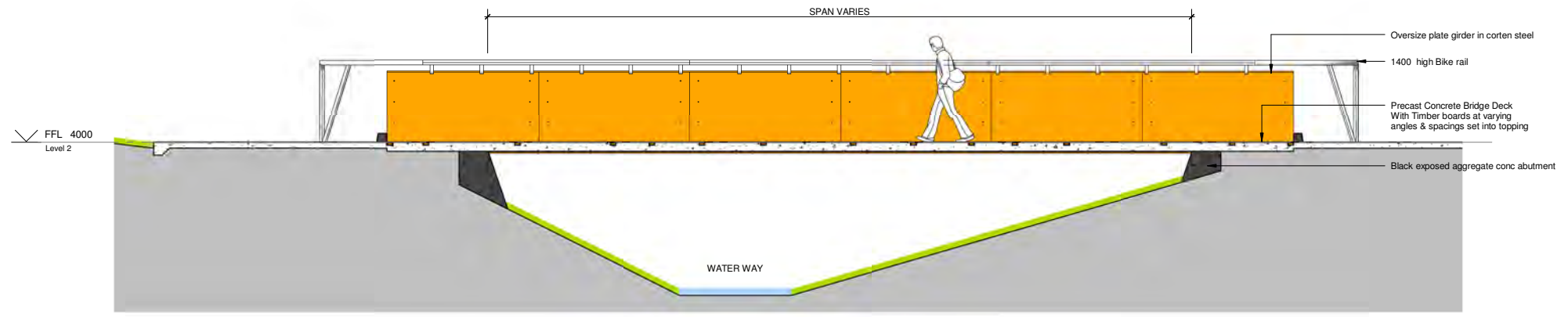
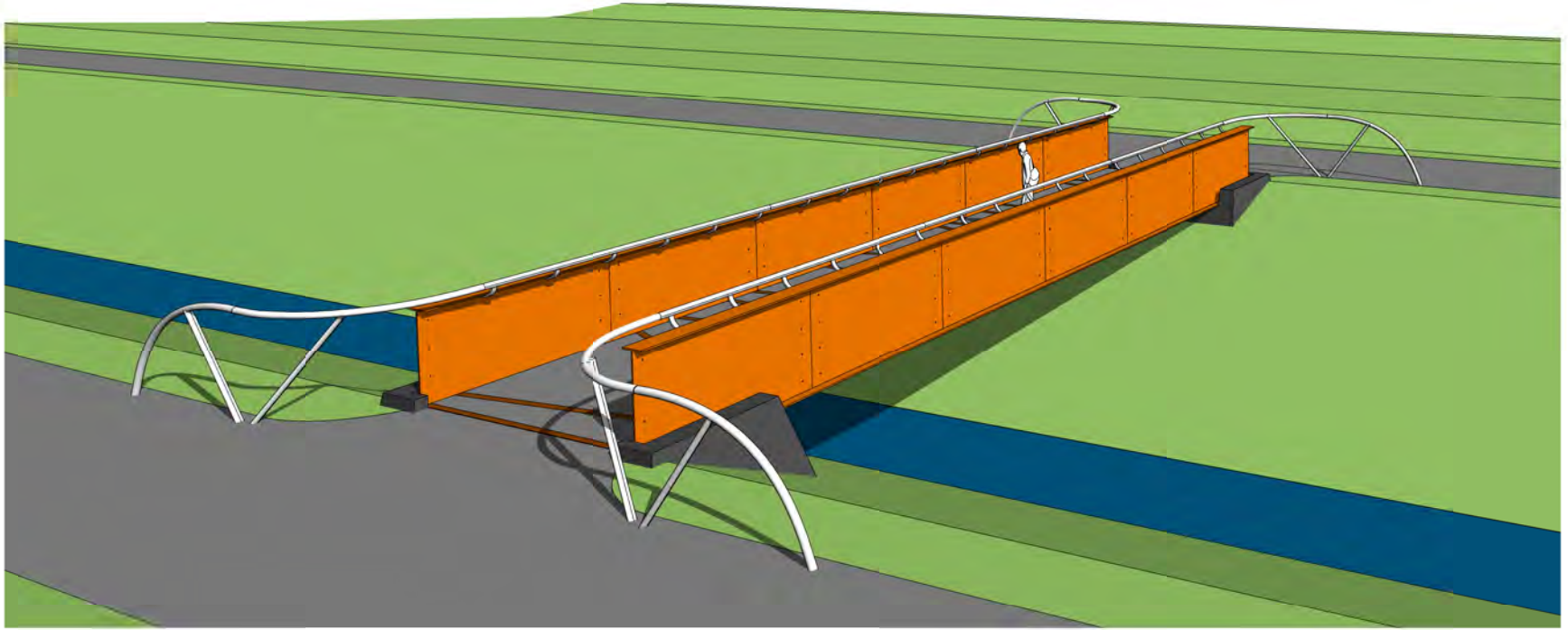
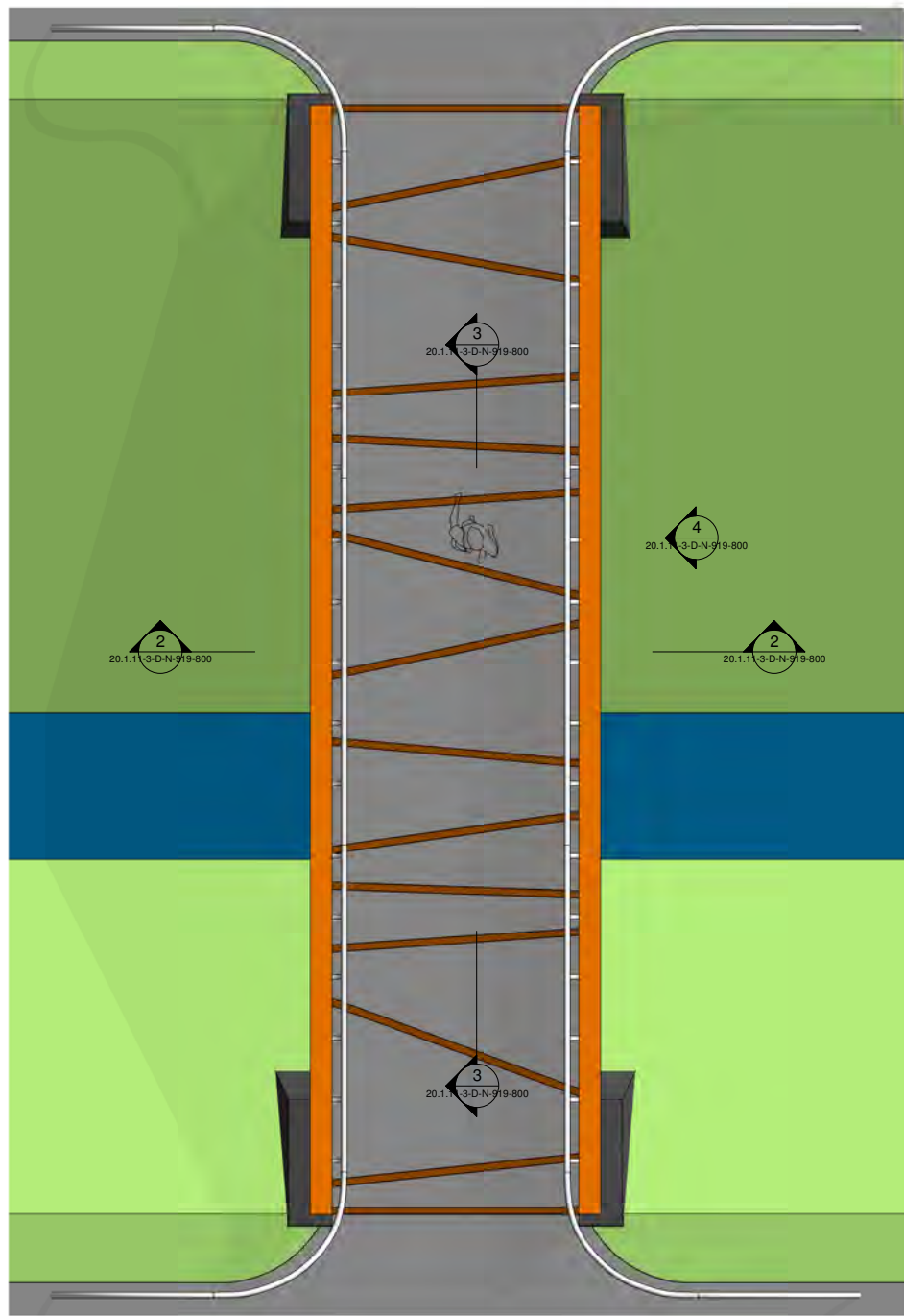


Project: WATERVIEW CONNECTION  
PROJECT SH16 / SH20

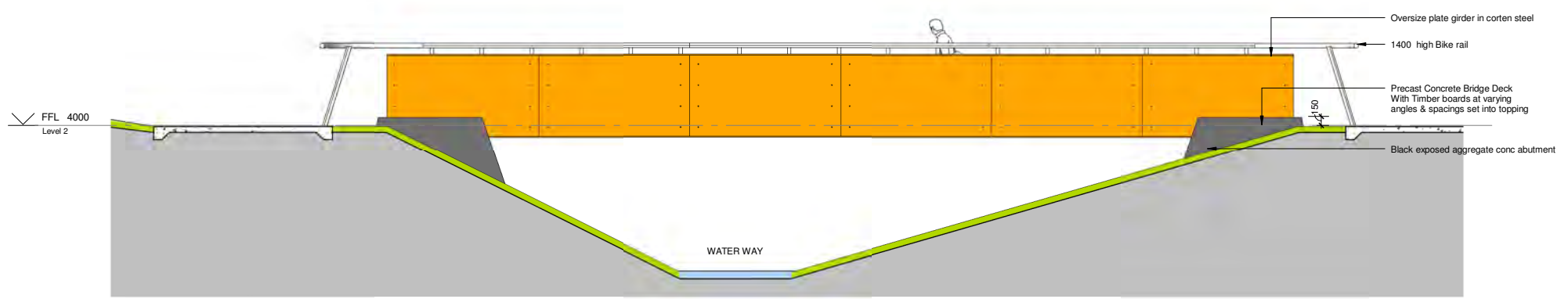
Title: RICHARDSON ROAD  
PLAN & SECTIONS

Base Level	MSL
Vert. Datum	1946
Grid Reference	NZ MAP GRID
Project No.	20.111-3-D-S-917-480
Rev.	B



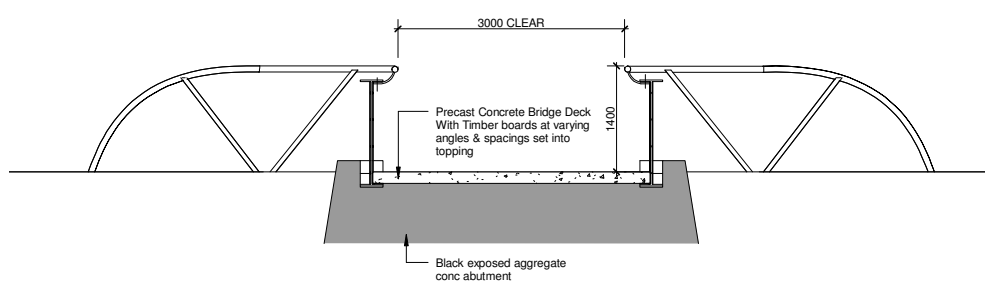


3 1:50 Section LONG SECTION



4 1:50 Section ELEVATION

1 1:50 Plan Level 2



2 1:50 Section SHORT SECTION

**ISSUED FOR SRT / NZTA REVIEW**

Base Level:	MSL AUCK VERT DATUM 1946
Grid Reference:	MT EDEN 2000
Originator No:	MT EDEN 2000
Project No:	20.1.11-3-D-N-919-800
Rev	A

No.	Revision	By	Chk	Appd	Date
A	ISSUED FOR SRT / NZTA REVIEW	MWC	DWP	JBW	

Drawing Originator:	Jasmax Ltd www.jasmax.com
Designer:	MWC
Reviewer:	DWP
Drafting Checked:	
Consultant Approved:	JBW
Received by BECA:	

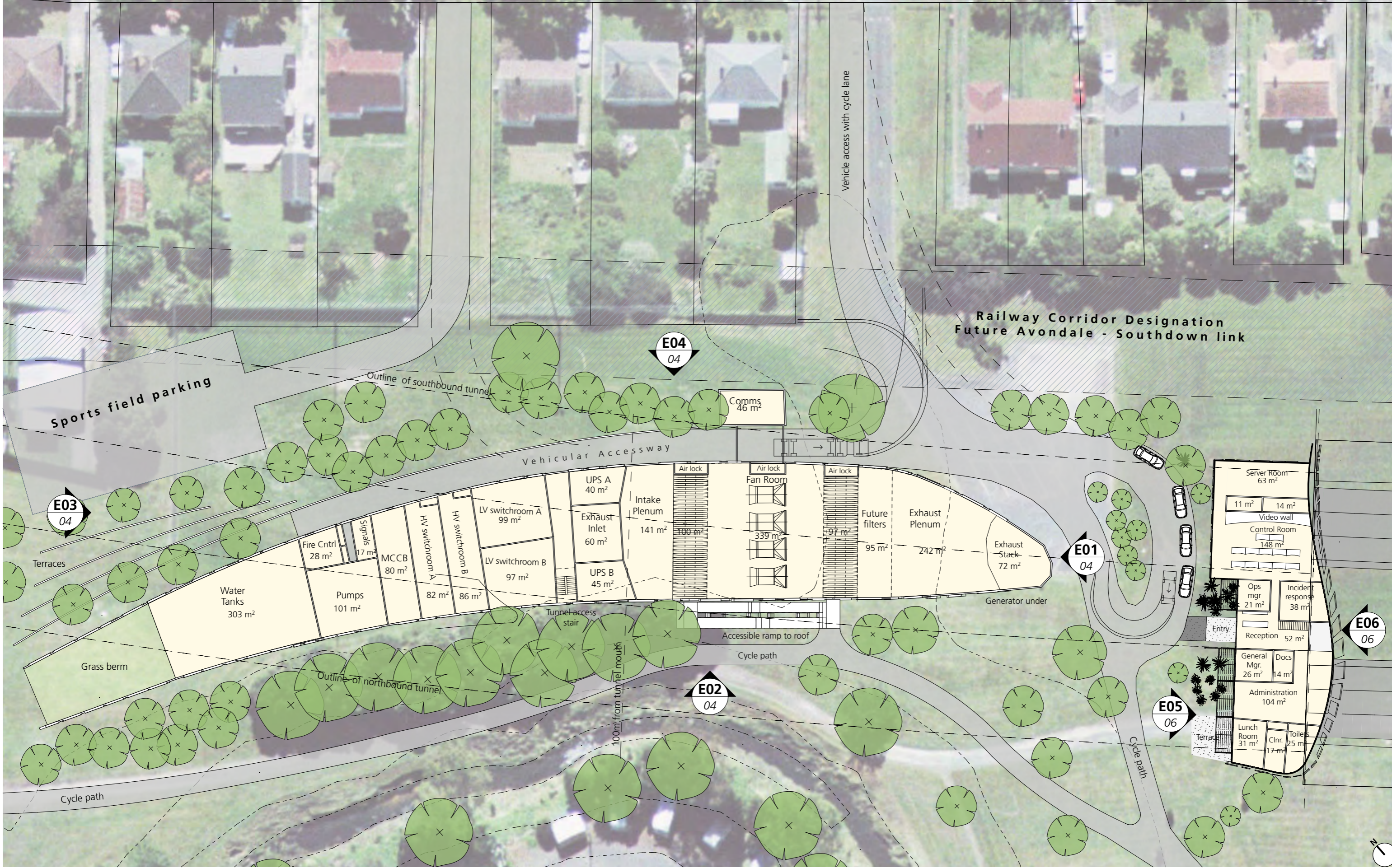


Project: WATERVIEW CONNECTION PROJECT SH16 / SH20

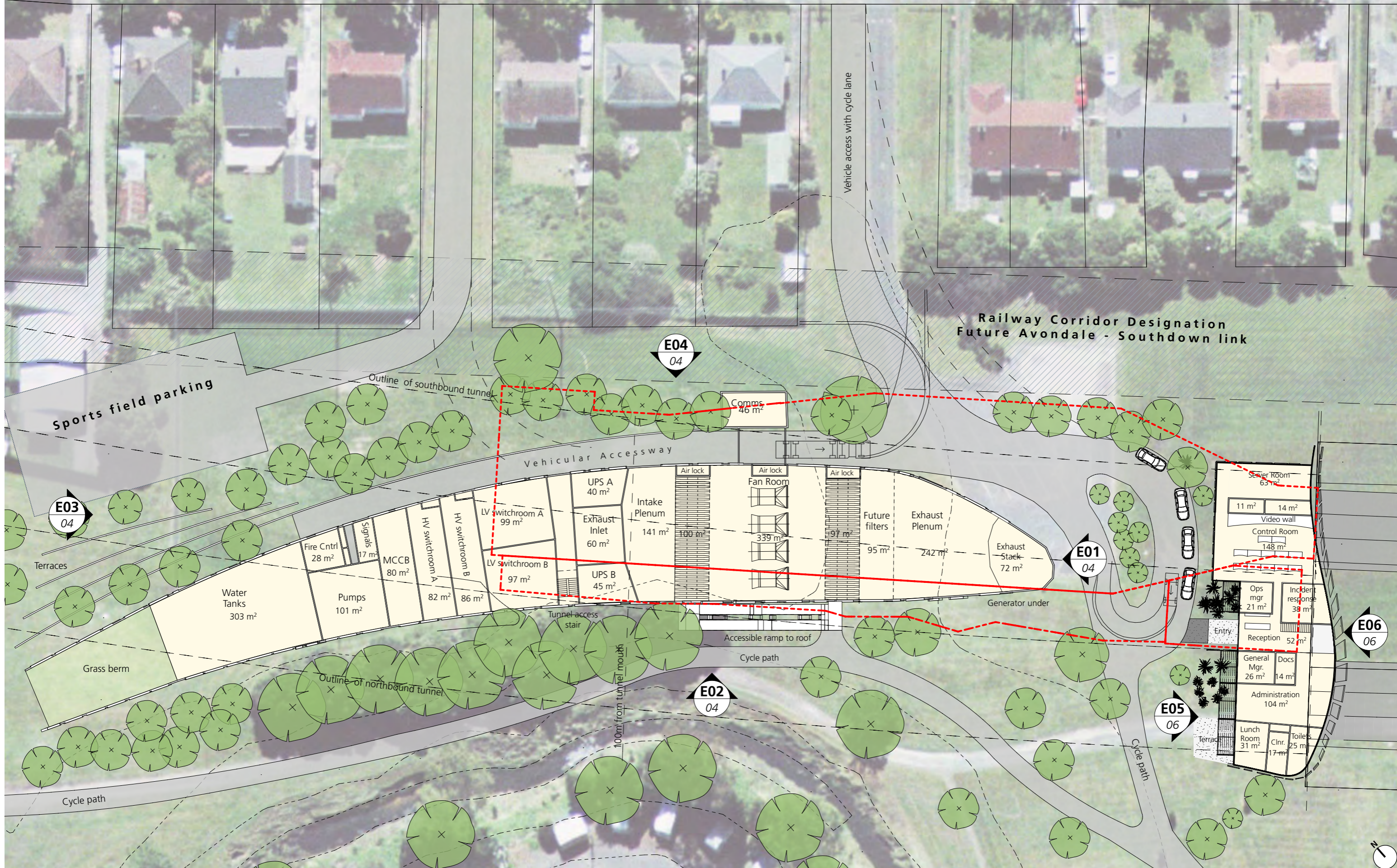
Title: GENERAL FOOT BRIDGES



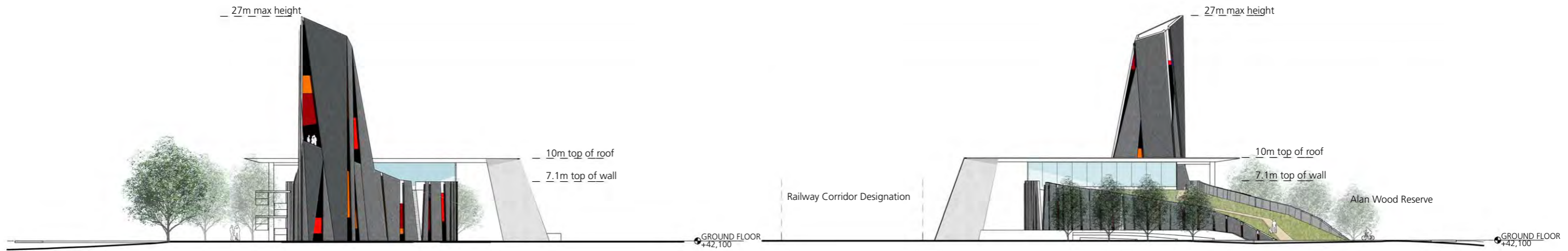
# H E N D O N A V E N U E



# H E N D O N A V E N U E

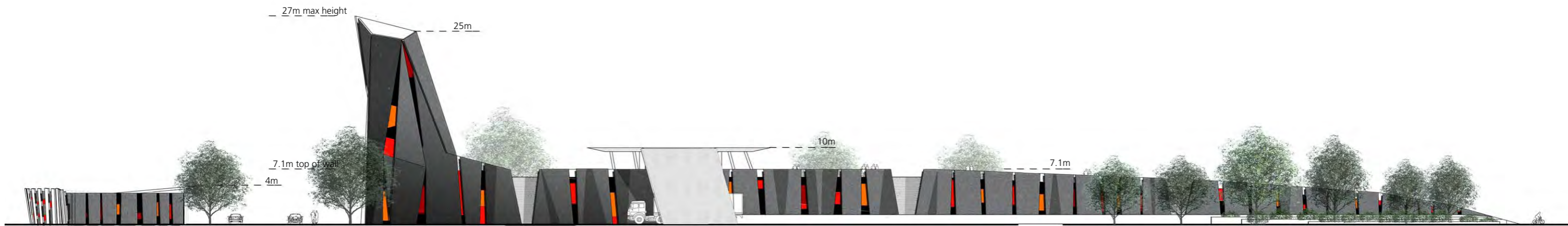


--- outline of building shown on lodged plans



E01 East Elevation

E03 West Elevation

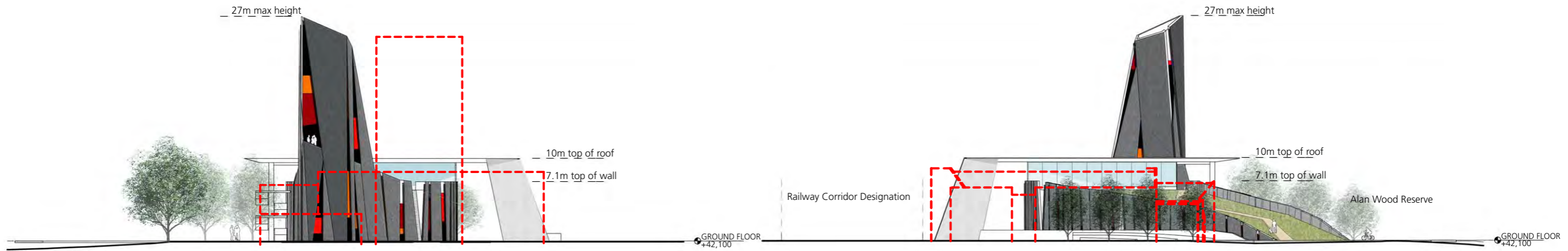


E04 North Elevation



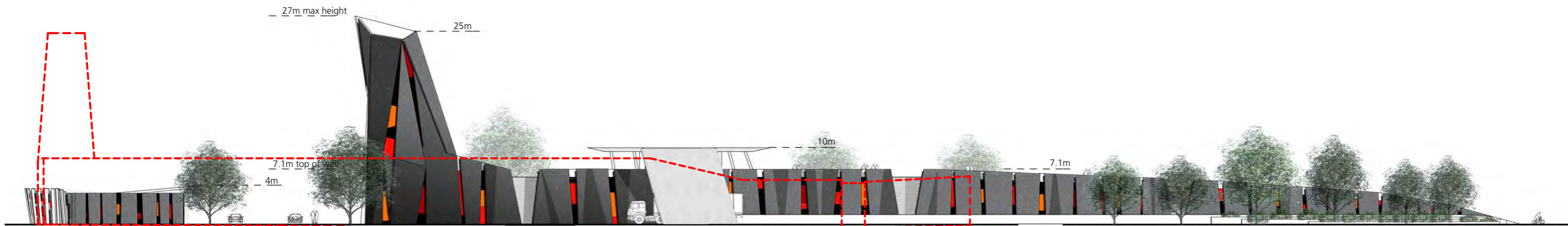
E02 South Elevation

	Construkt Architects Ltd 15 Graham St, Auckland NZ PO Box 90 451, AMC, Auckland NZ Tel +64 (0)9 373 4900 Fax +64 (0)9 373 4904 Email info@construkt.co.nz	PROJECT TITLE <b>Waterview Connection</b>	CLIENT 	DRAWN SD, NL PLOTTED 09:10AM 12/11/10 CHECKED SCALE to scale @ A3	DRAWING <b>4</b>	TITLE <b>South Portal - Street Elevations</b> SCALE 1:500	REVISION <b>A</b>
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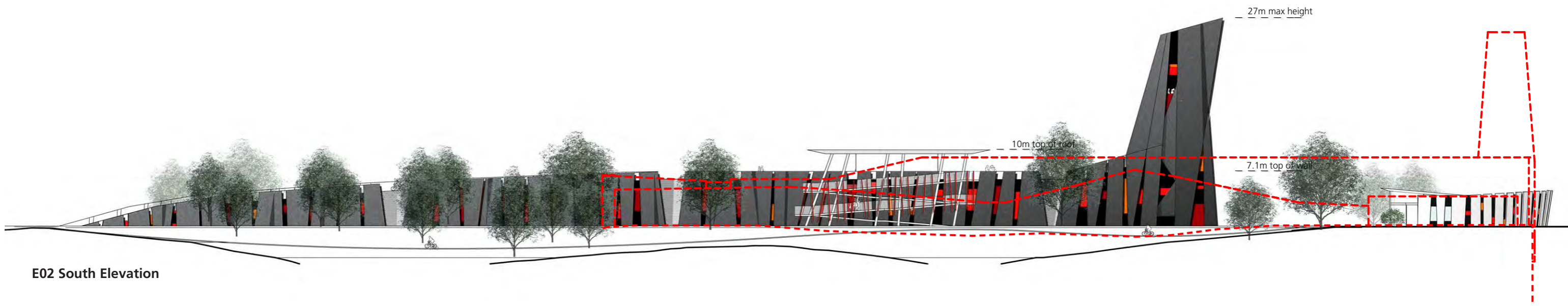


E01 East Elevation

E03 West Elevation



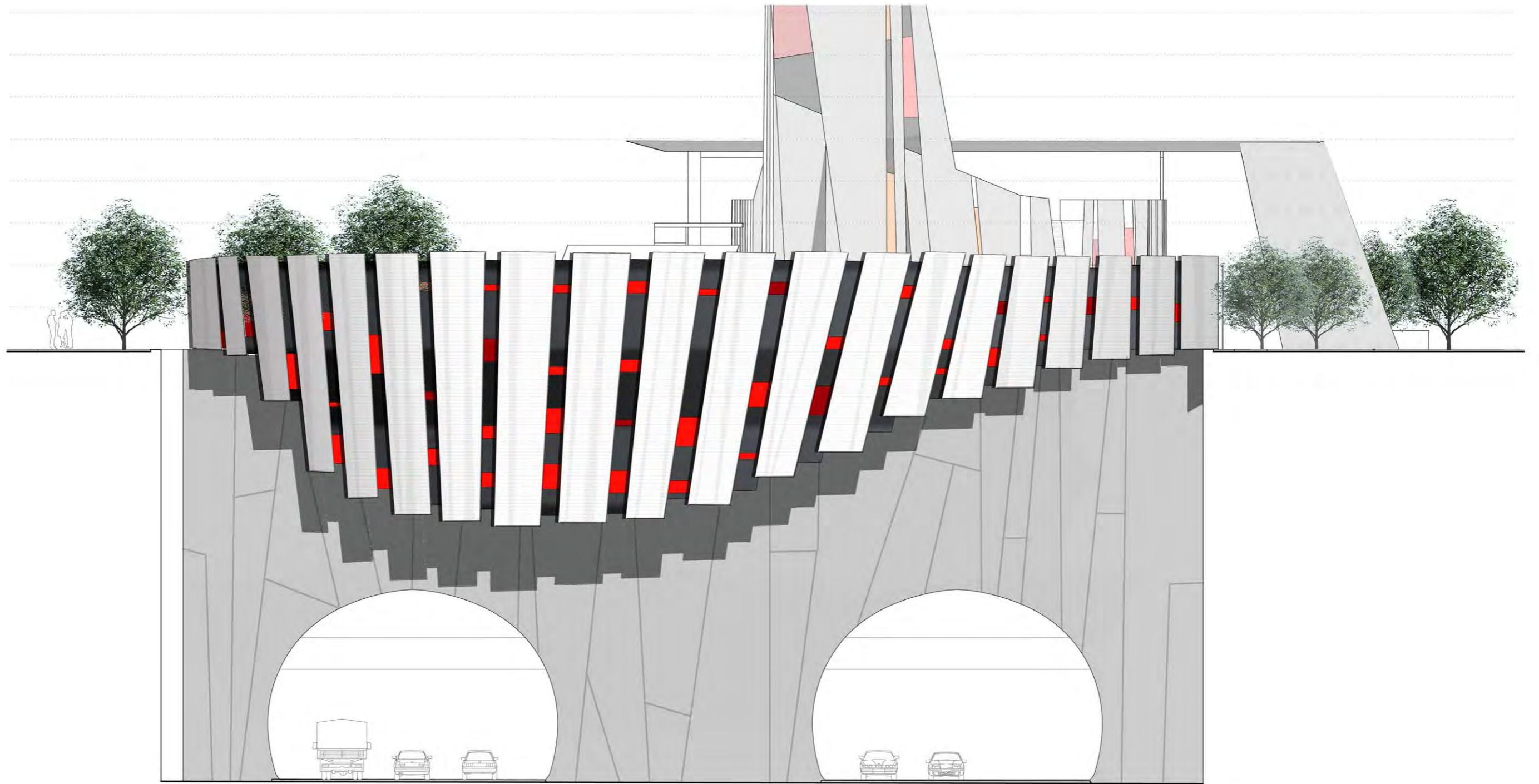
E04 North Elevation



E02 South Elevation

----- outline of building shown on lodged plans

	Construkt Architects Ltd 15 Graham St, Auckland NZ PO Box 90 451, AMC, Auckland NZ Tel +64 (0)9 373 4900 Fax +64 (0)9 373 4904 Email info@construkt.co.nz	PROJECT TITLE <b>Waterview Connection</b>	CLIENT 	DRAWN SD, NL PLOTTED 09:10AM 12/11/10 CHECKED SCALE to scale @ A3	DRAWING <b>5</b>	TITLE <b>South Portal - Street Elevations - Lodged Plan overlay</b> SCALE 1:500	REVISION <b>A</b>
--	--	--	------------	--	---------------------	---	----------------------



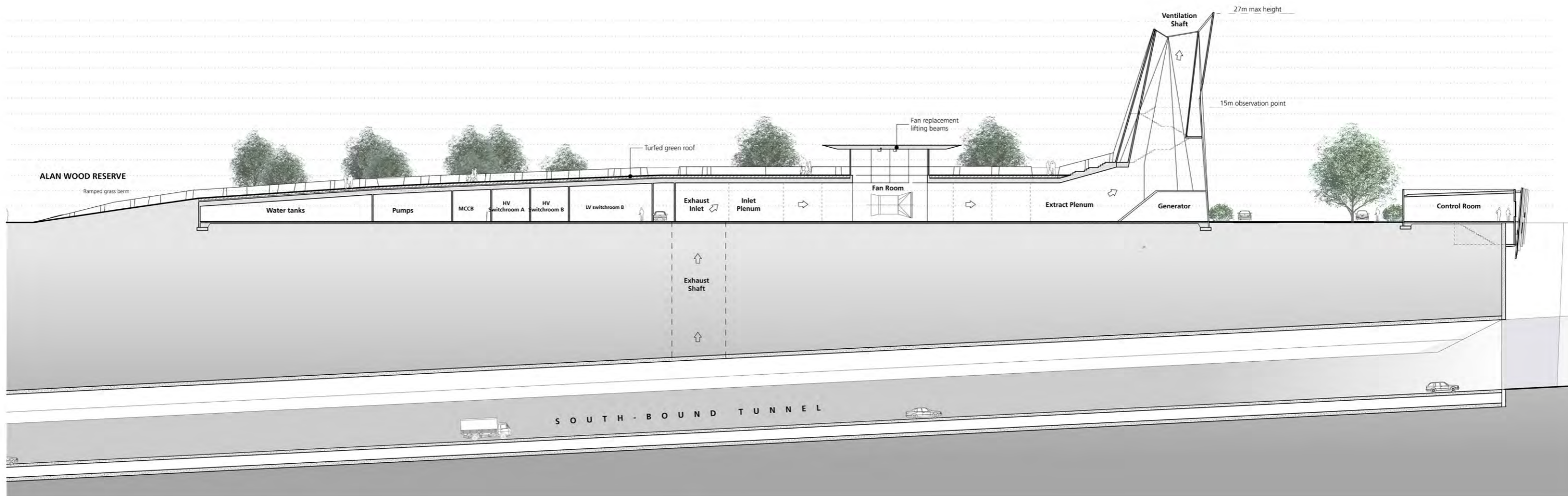
E06 East Elevation



E05 West Elevation



S01 Cross Section



S02 Longitudinal Section





Waterview  
Primary School







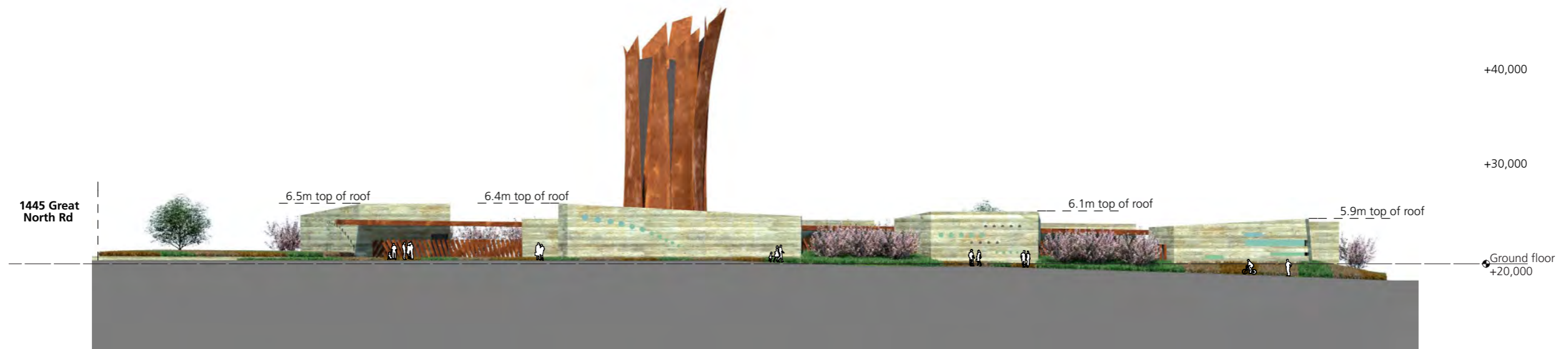
**Waterview  
Primary School**



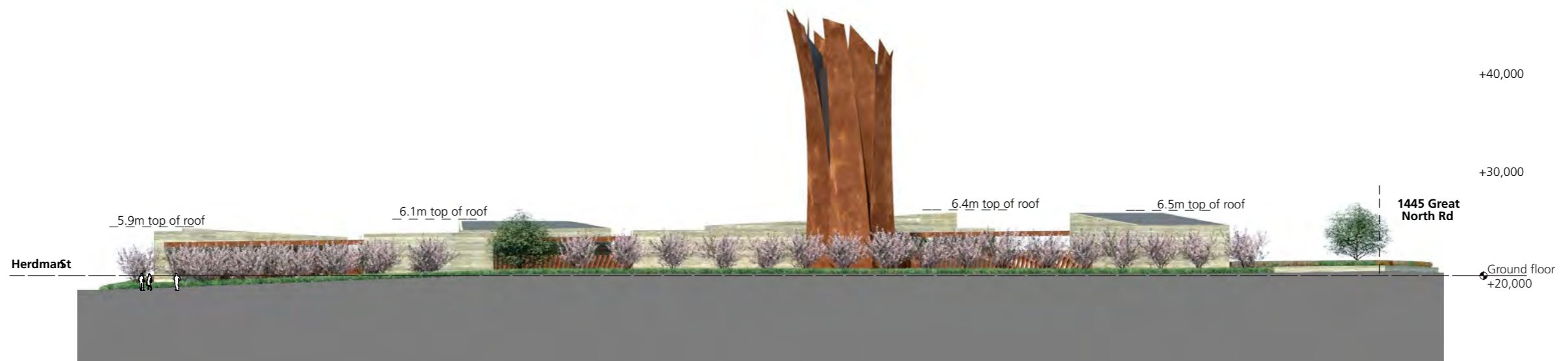
Waterview  
Primary School

--- outline of building shown on lodged plans

<b>Construkt</b> Urban Design & Architecture	Construkt Architects Ltd 15 Graham St, Auckland NZ PO Box 90 451, AMC, Auckland NZ Tel +64 (0)9 373 4900 Fax +64 (0)9 373 4904 Email info@construkt.co.nz	PROJECT TITLE <b>Waterview Connection</b>	CLIENT NZ TRANSPORT AGENCY WAKA KOTAHI	DRAWN SD, NL PLOTTED 09:10AM 12/11/10 CHECKED SCALE to scale @ A3	DRAWING <b>12</b>	TITLE <b>North Portal - Ground Floor Plan - Lodged Plan overlay</b> SCALE 1:500	REVISION <b>A</b>
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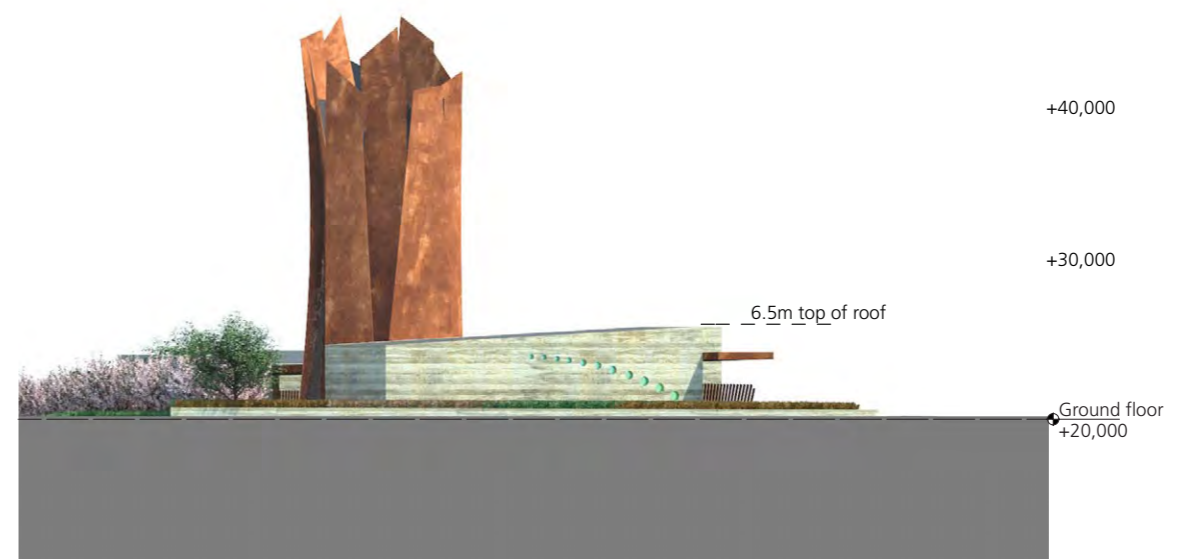
E01 Great North Road Elevation



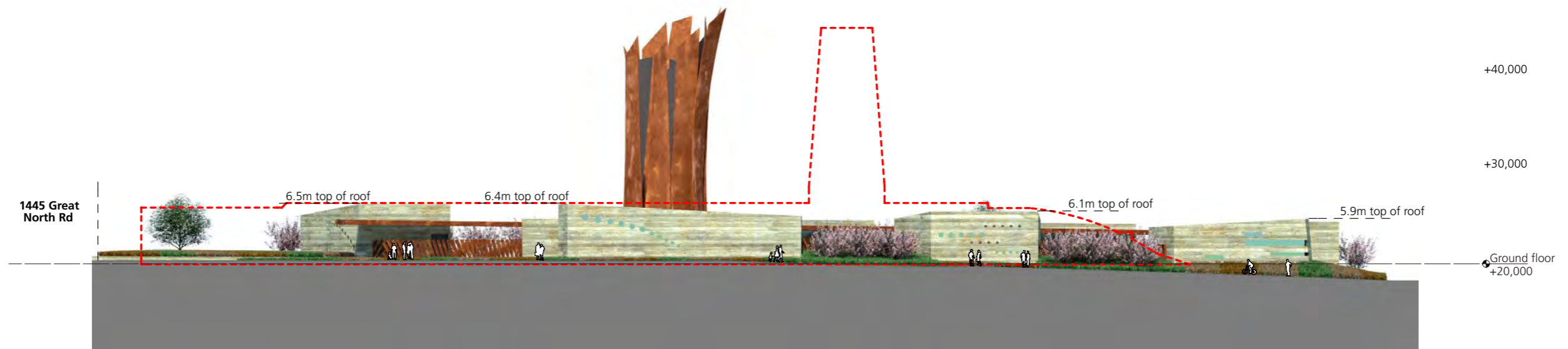
E02 Waterview Primary School Elevation



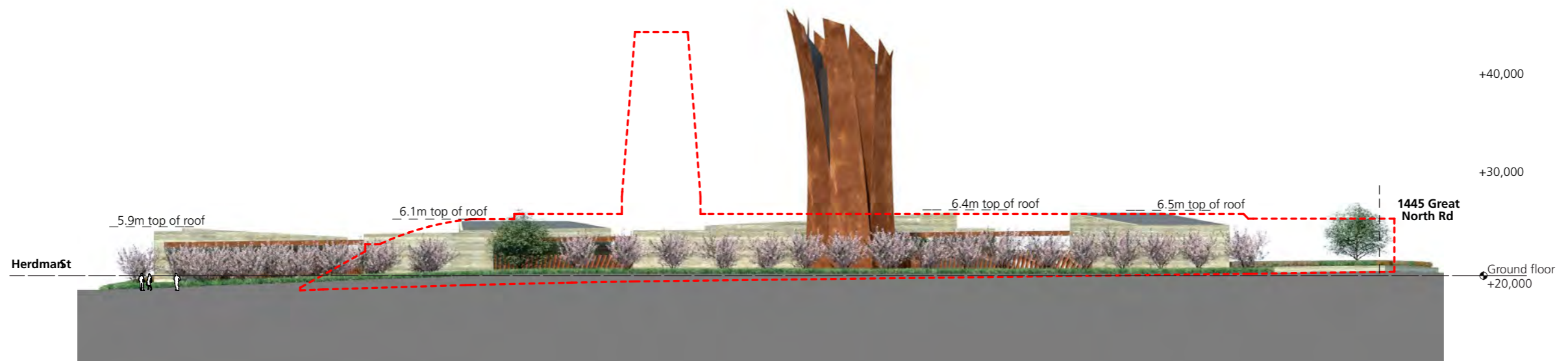
E03 Herdman Street Elevation



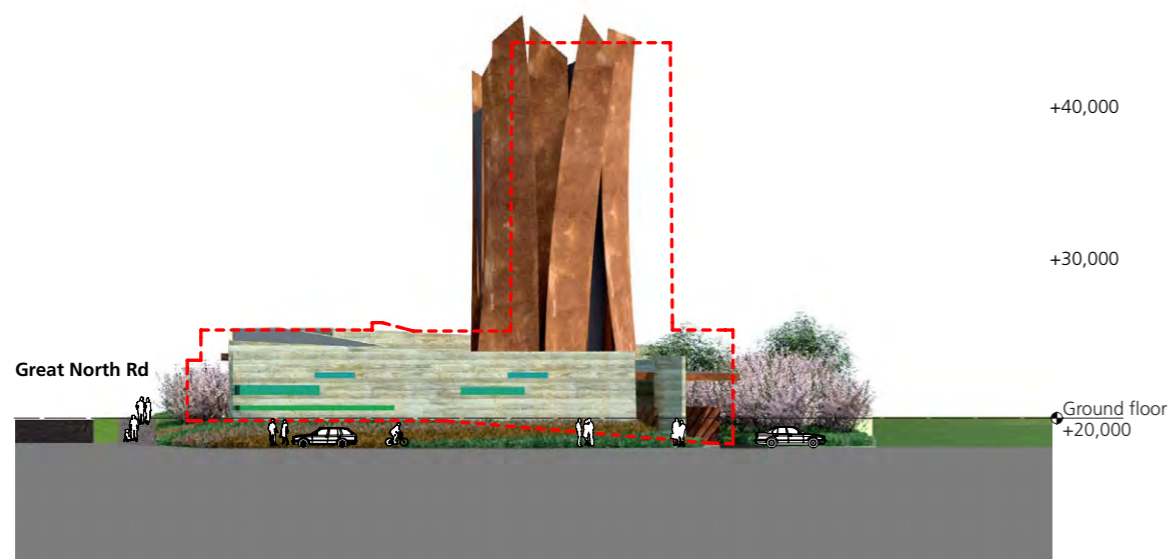
E04 South Elevation



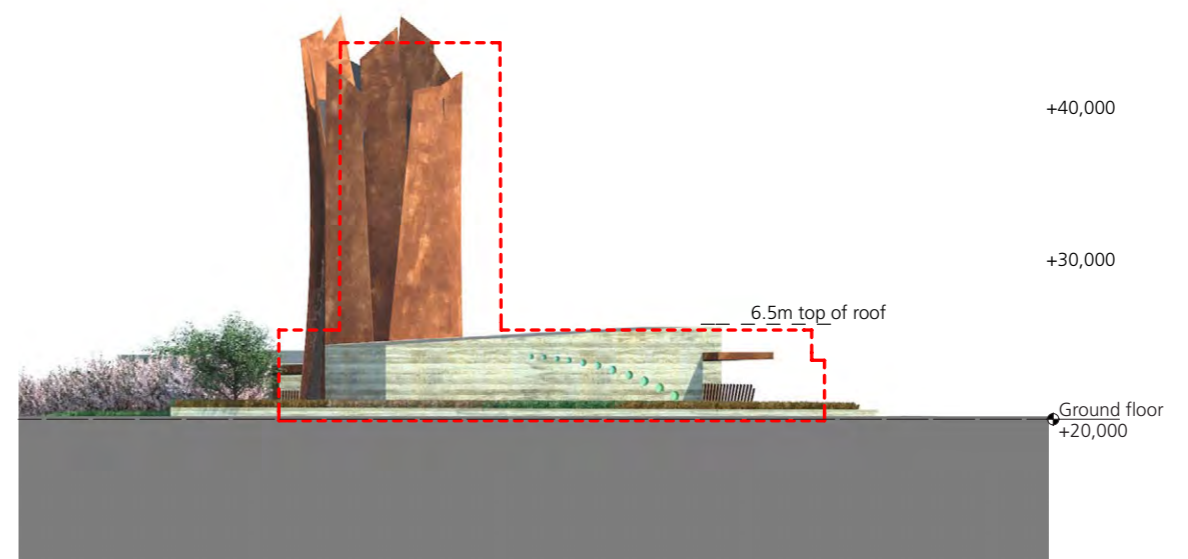
E01 Great North Road Elevation



E02 Waterview Primary School Elevation

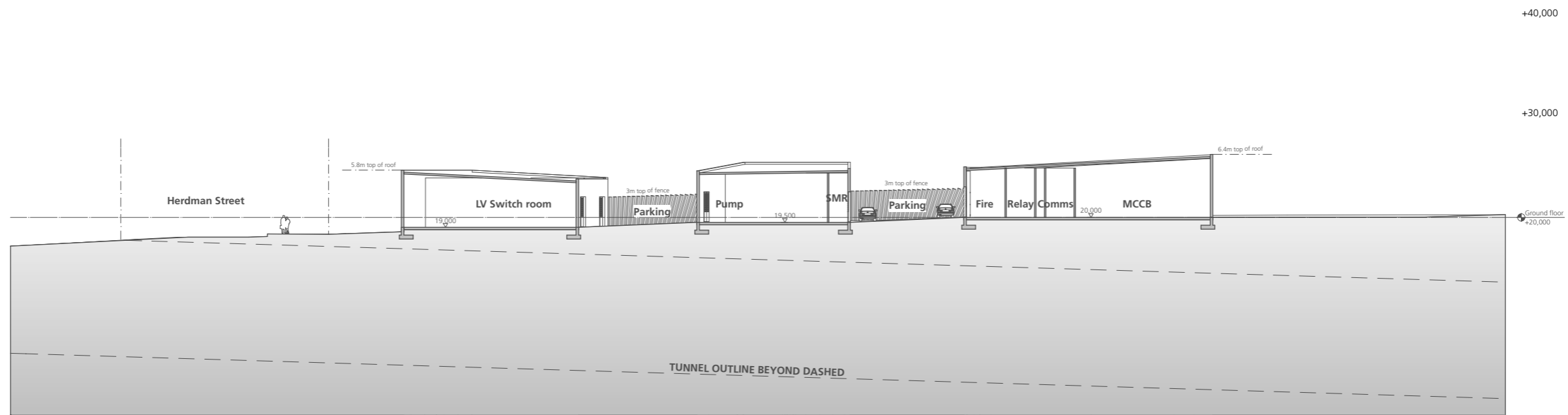


E03 Herdman Street Elevation

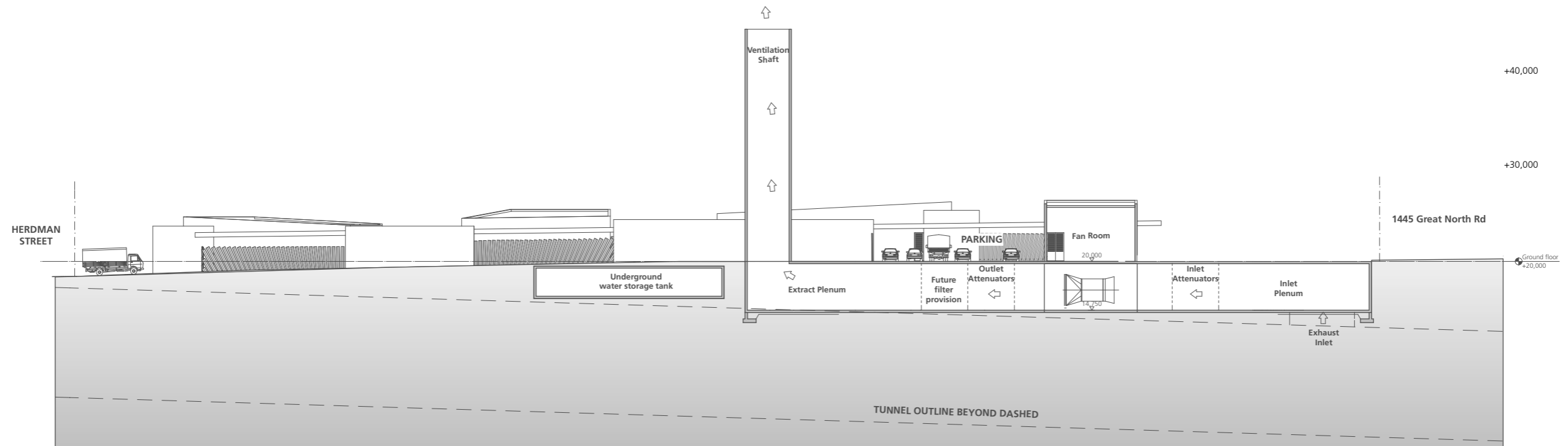


E04 South Elevation

--- outline of building shown on lodged plans



N01 LONGITUDINAL SECTION



N02 LONGITUDINAL SECTION



H E N D O N A V E N U E

C

47 49 51 57 59 61 71 73 75 77 79 81 83 85 87 89

Railway Corridor Designation  
Future Avondale - Southdown link

Sports field parking

Control Building

Revised design option shown for comparison purposes

Ventilation Building  
within cut-and cover  
below ground

3,920 m<sup>2</sup>

Access hatches,  
Gantry building  
above ground

524 m<sup>2</sup>

South-bound lanes

Worker Parking  
and  
Manouvering

Stack

North-bound lanes

Stair and Lift  
access

Location of portal for  
revised design option

Difficult reverse manoeuvre to exit

Location of portal for  
this design option

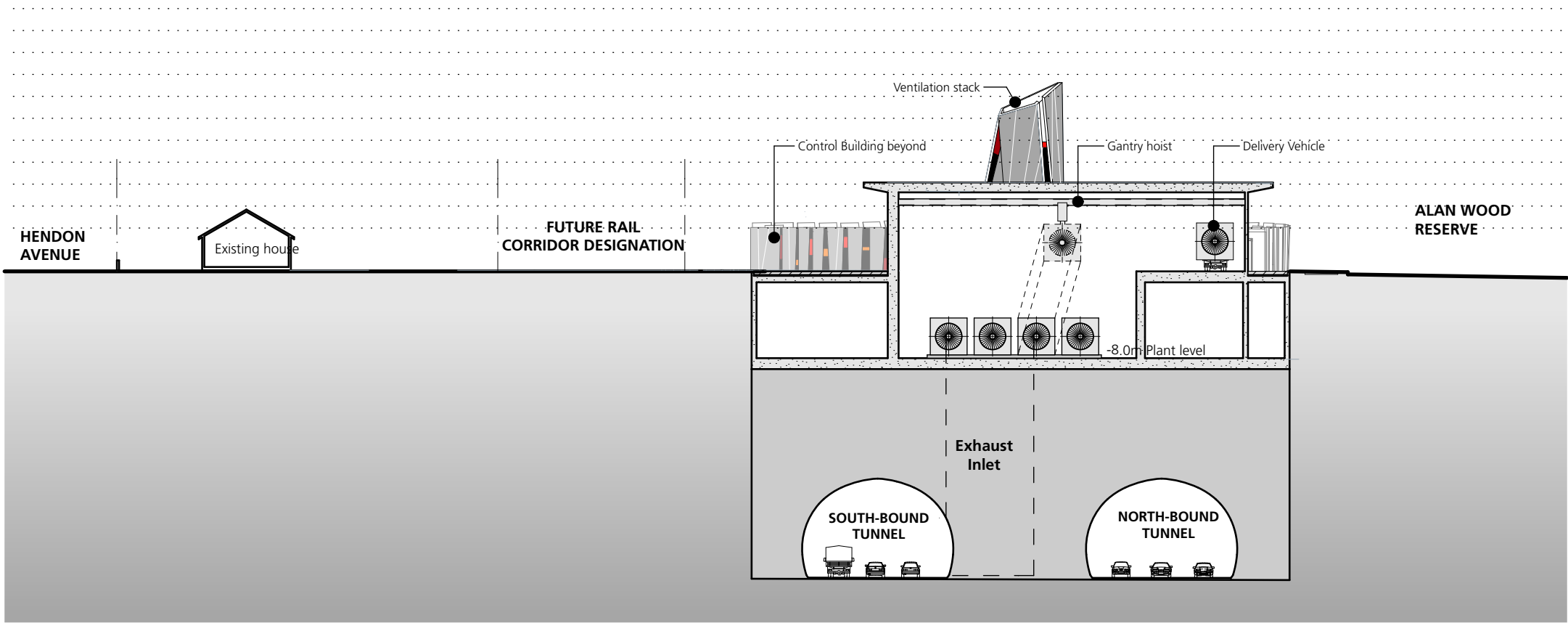
O a k l e y C r e e k

Avondale  
Motor Camp

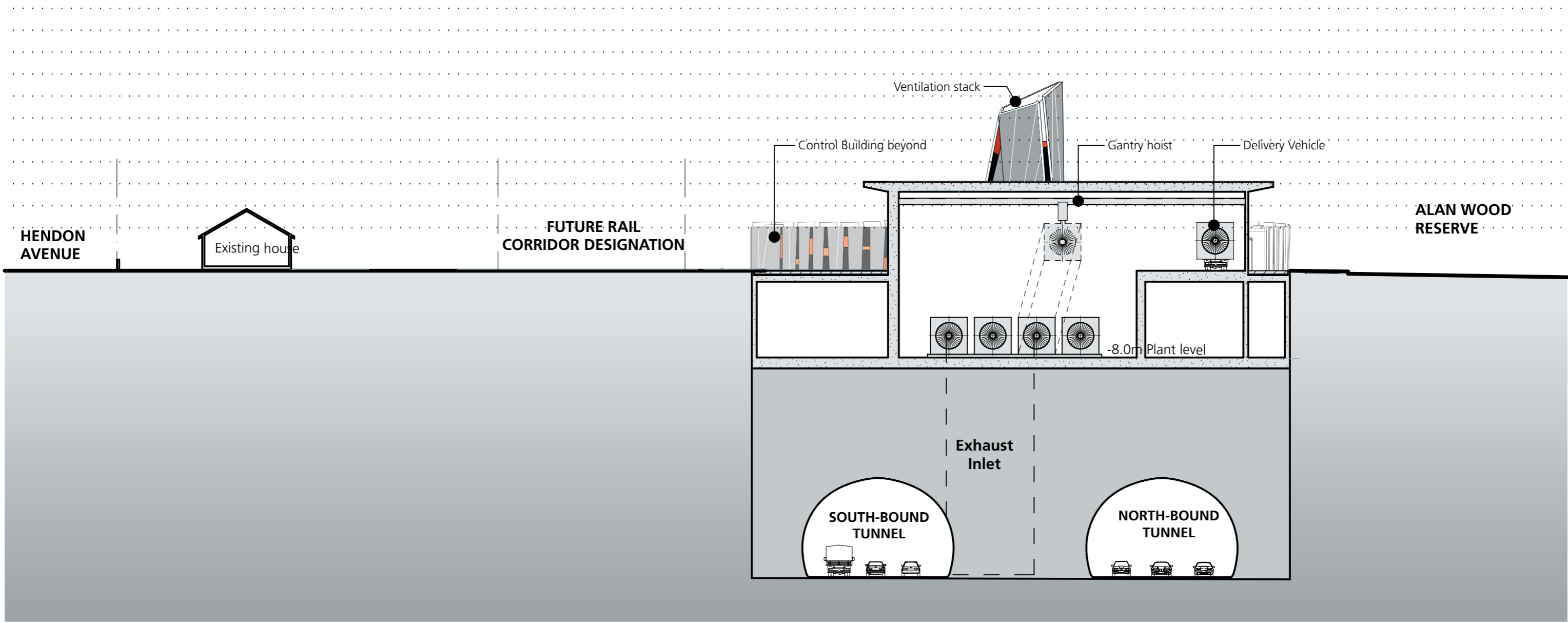
Alan Wood  
Reserve

C

<b>VENT - SOUTH</b>	<b>DWG 003</b>
<b>PARTIAL UNDERGROUND, SERVICED BY GANTRY OPTION</b>	Scale: 1:1000@A4



<b>VENT - SOUTH</b>	<b>DWG 003a</b>
<b>PARTIAL UNDERGROUND, SERVICED BY GANTRY OPTION: SECTION CC</b>	Scale: 1:500@A4



<b>VENT - SOUTH</b>	<b>DWG 003a</b>
<b>PARTIAL UNDERGROUND, SERVICED BY GANTRY OPTION: SECTION CC</b>	Scale: 1:500@A4

11/13/11  
88 8/3/11



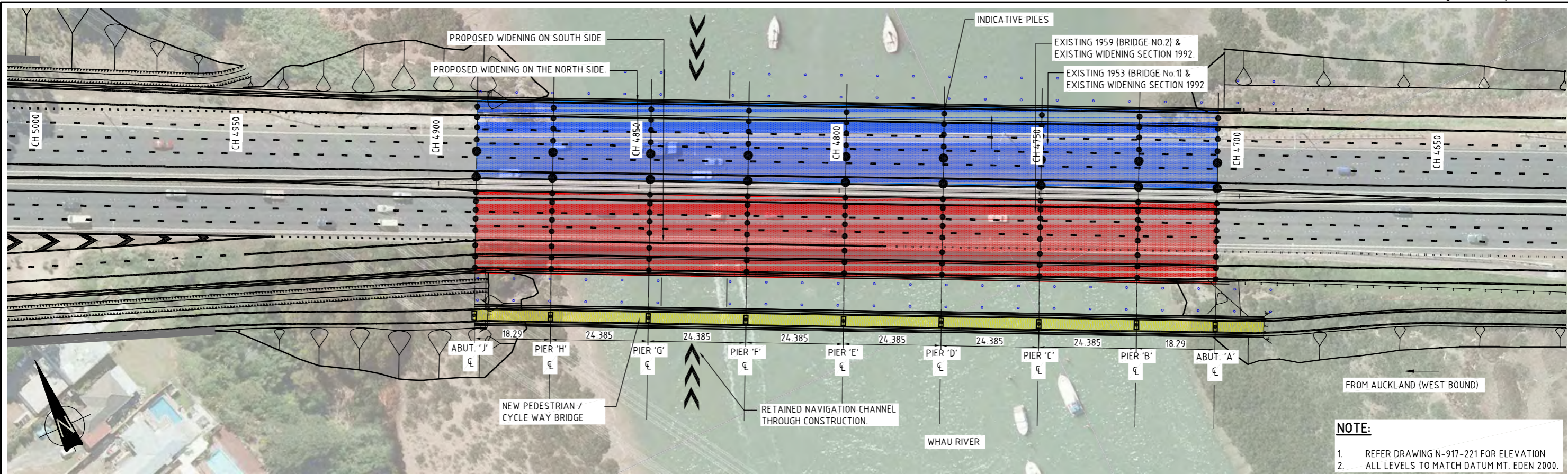
**01** Ground level plan  
Scale: 1:1000

EXHIBIT NUMBER " 88  
Environment Court

Produced by Ms Absolum  
via Mr Allen in Agreement

COURT REF: [blank]  
DATE: 8/3/11

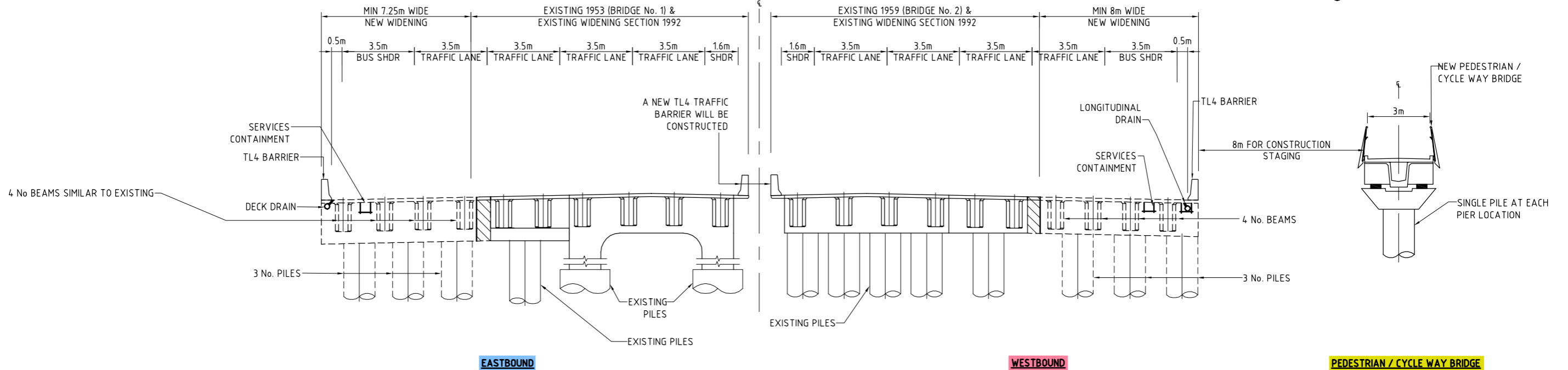
VENT - NORTH	DWG 004B
ALTERNATIVE STACK LOCATIONS	
Scale 1:1000@A4	



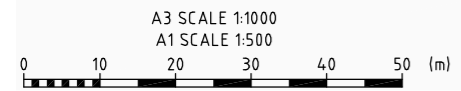
**NOTE:**  
 1. REFER DRAWING N-917-221 FOR ELEVATION  
 2. ALL LEVELS TO MATCH DATUM MT. EDEN 2000.

**PLAN**  
 1:500 @ A1  
 1:1000 @ A3

**KEY**  
 ● 1m DIAMETER PILE  
 ● 1.5m DIAMETER PILE  
 ● 2.4m DIAMETER PILE



**CROSS SECTIONS**  
 1:100 @ A1  
 1:200 @ A3



No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

Drawing Originator:  
**aurecon**  
 Aurecon New Zealand Limited  
 139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland New Zealand  
 Telephone: +64 9 520-8019  
 Facsimile: +61 9 524-7816  
 Email: auckland@aurecongroup.com

Original Scale (A1)	1:500,100	Designer	AG
Reduced Scale (A3)	1:1000,200	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by Beca	--



Project: **WATERVIEW CONNECTION PROJECT**  
 SH16 / SH20

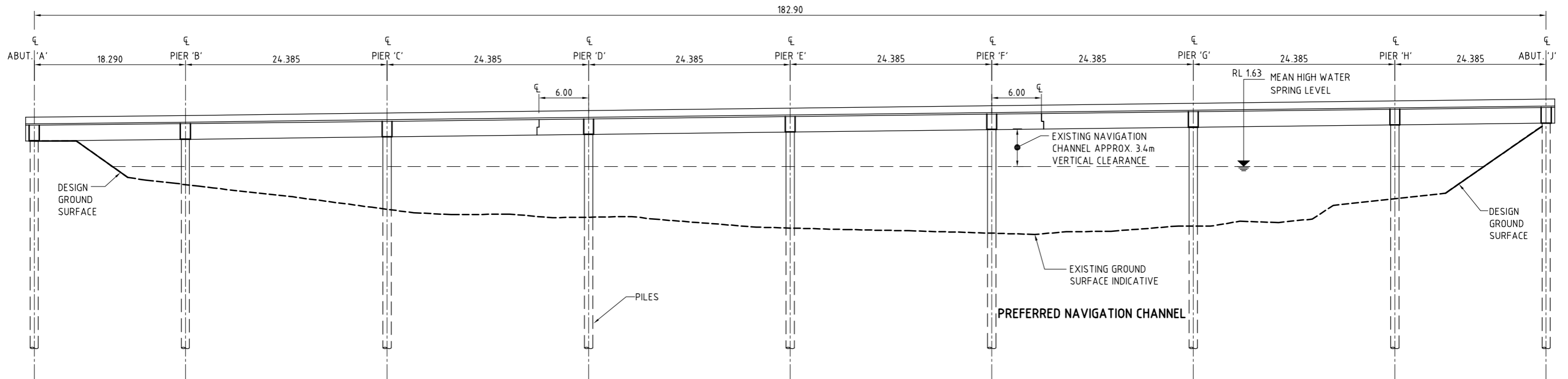
Title: **WHAU RIVER MOTORWAY AND PEDESTRIAN BRIDGES**  
 PLAN & CROSS SECTION

**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

Base Level:  
**MSL AUCK.VERT.DATUM 1946**  
 Grid Reference:  
**Mt Eden 2000**

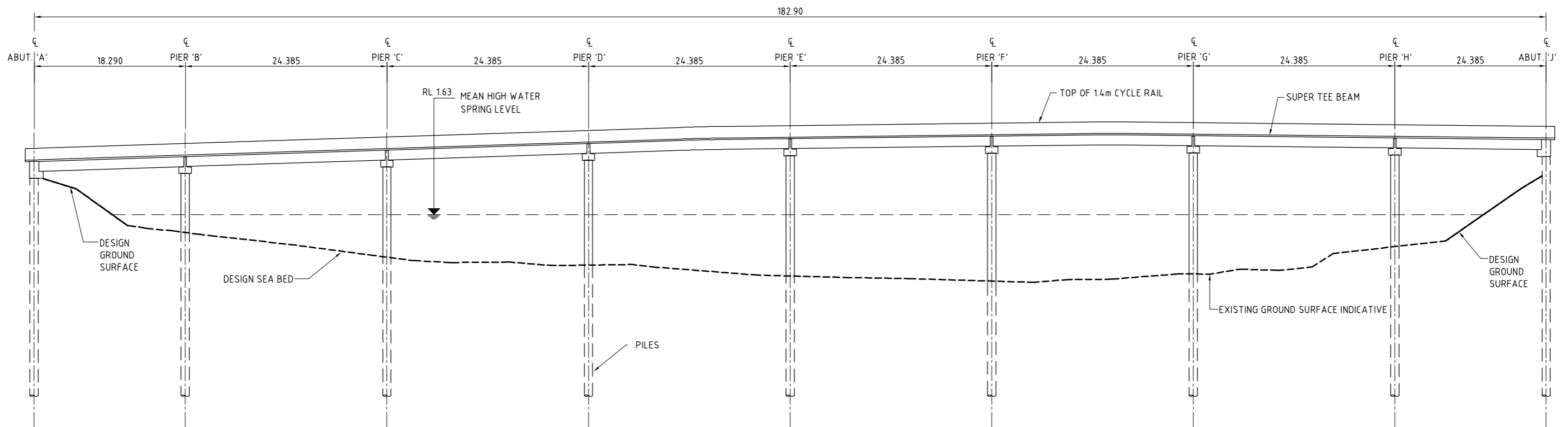
Originator No.  
 Project No.  
**20.111-D-N-917-220**

Rev.  
 C



**CARRIAGEWAY ELEVATION**  
 1:250 @ A1  
 1:500 @ A3  
 (LEVELS SHOWN AT CARRIAGEWAY CENTRELINE)

NOTE:  
 CLEARANCE BETWEEN WATER AND  
 BRIDGE SOFIT INCREASES TOWARD  
 WESTERN END OF BRIDGE.



**PEDESTRIAN / CYCLE WAY ELEVATION**  
 1:250 @ A1  
 1:500 @ A3  
 (LEVELS SHOWN AT CENTRELINE)



**FOR APPROVAL**  
 NOT FOR CONSTRUCTION

Base Level:	MSL AUCK.VERT.DATUM 1946
Grid Reference:	Mt Eden 2000
Originator No.	
Project No.	20.111-D-N-917-221
Rev.	C

No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

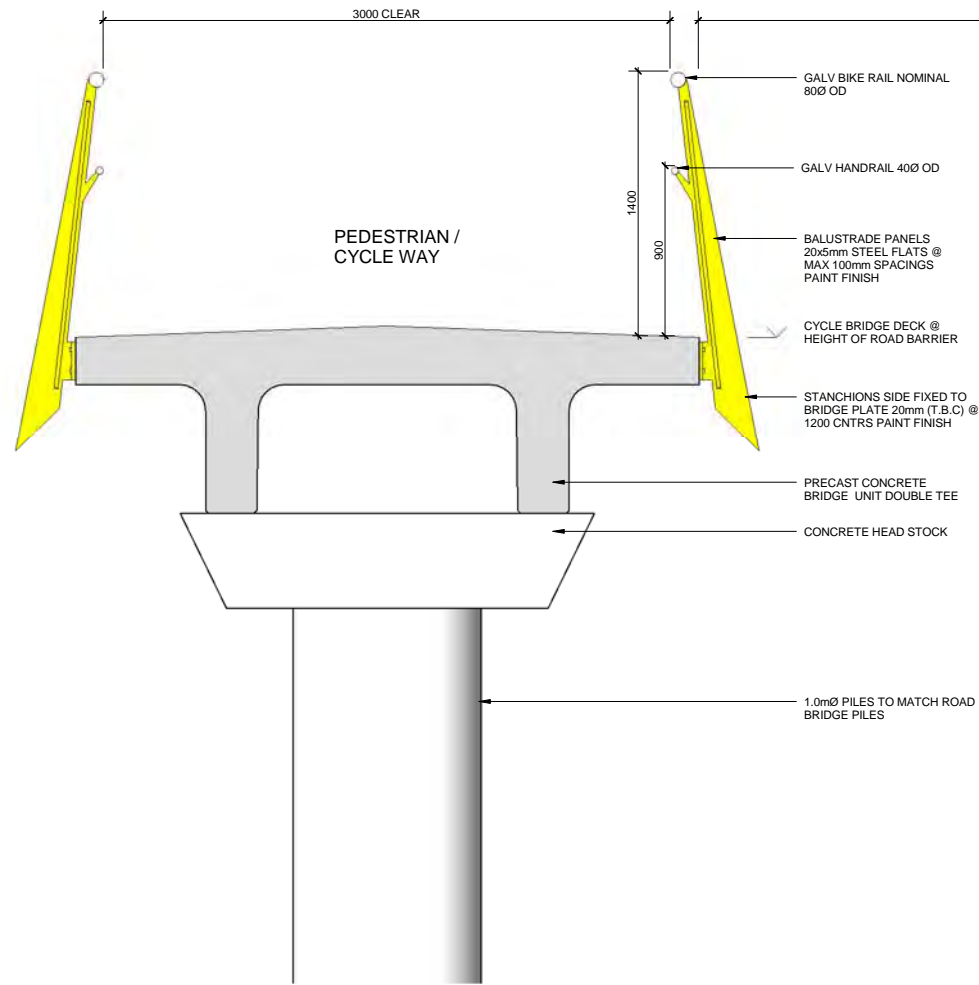
Drawing Originator:  
**aurecon**  
 Aurecon New Zealand Limited  
 139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland, New Zealand  
 Telephone: +64 9 520-8019  
 Facsimile: +61 9 524-7816  
 Email: auckland@aurecongroup.com

Original Scale (A1)	1:250	Designer	AG
Reduced Scale (A3)	1:500	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by Beca	--

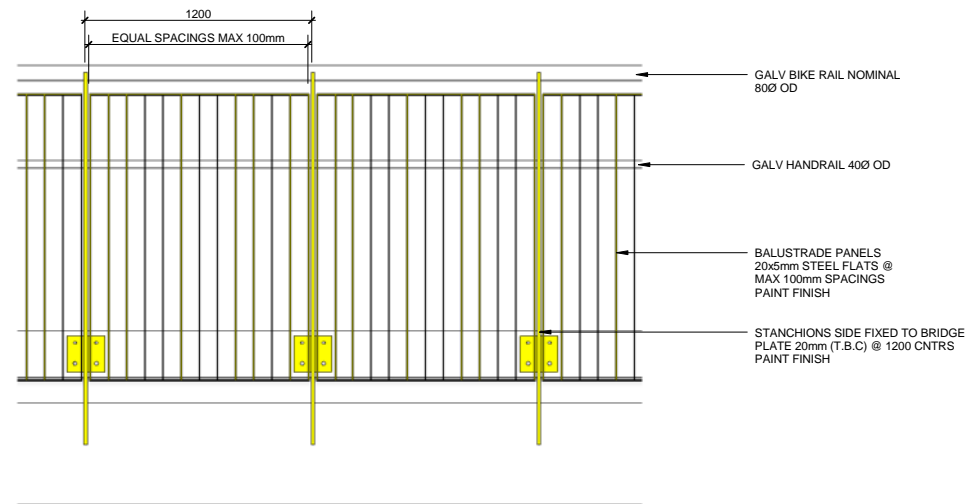
**NZ TRANSPORT AGENCY**  
 WAKA KOTAHU

Project: **WATERVIEW CONNECTION PROJECT**  
 SH16 / SH20

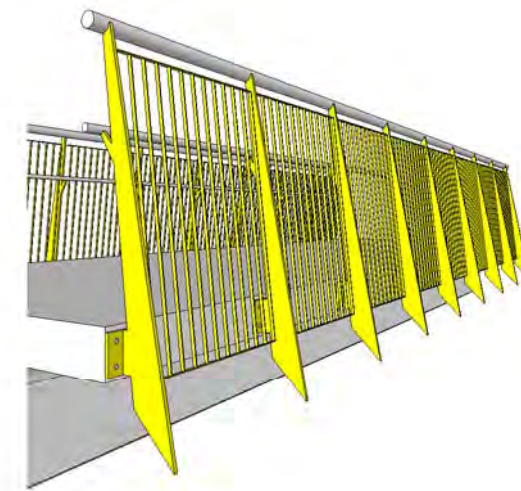
Title: **WHAU RIVER MOTORWAY AND PEDESTRIAN BRIDGES**  
 ELEVATION - MOTORWAY & CYCLEWAY



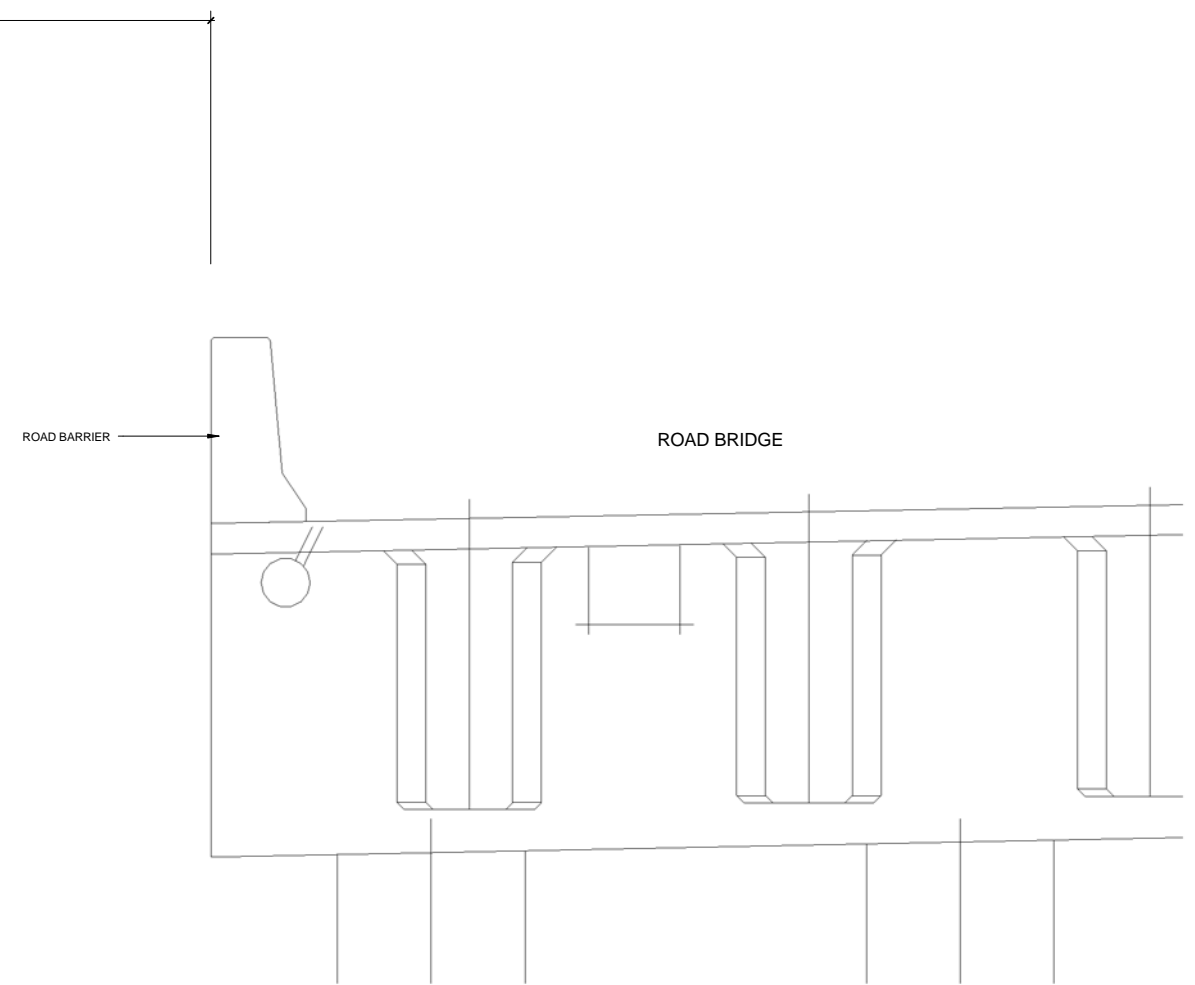
1 1:20 Section  
A1-11 Section 1



2 1:20 Elevation  
A1-12 Elevation 1 - a



3 Detail  
3D View 1



4 Detail  
3D View 2

No.	Revision	By	CHK	Appd	Date
B	ISSUED FOR STATUTORY APPROVAL	CHK	JBW	TMR	
A	ISSUED FOR SRT / NZTA REVIEW	CHK	JBW	TMR	

Drawing Originator:  
 Jasmx Ltd  
 www.jasmx.com  
 ARCHITECTS, URBAN DESIGNERS,  
 INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS  
 Auckland, Wellington, Christchurch

Original Scale (A1)	1:20	Designer	CHK
Reduced Scale (A3)	1:20	Reviewer	JBW
		Drafting Checked	
		Consultant Approved	TMR
		Received by BECA	

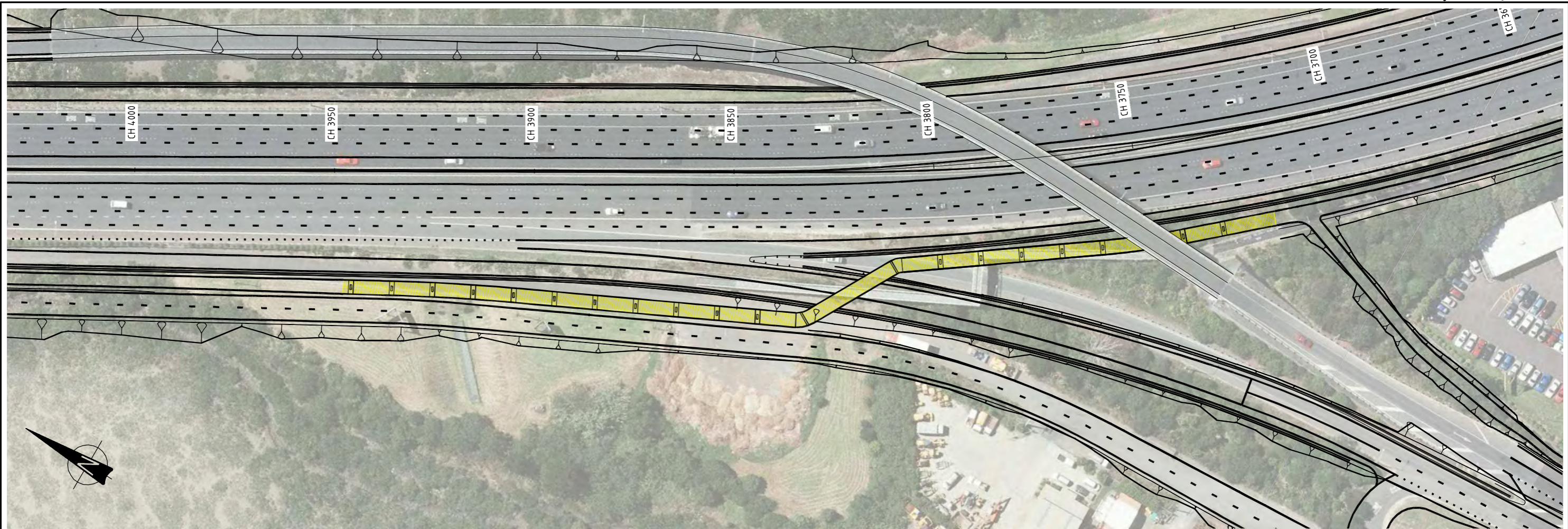
NZ TRANSPORT AGENCY  
 WAKA KOTAHI

Project: WATERVIEW  
 CONNECTION PROJECT  
 SH16 / SH20

Title: WHAU & ROSEBANK PEDESTRIAN  
 / CYCLE WAY BRIDGES

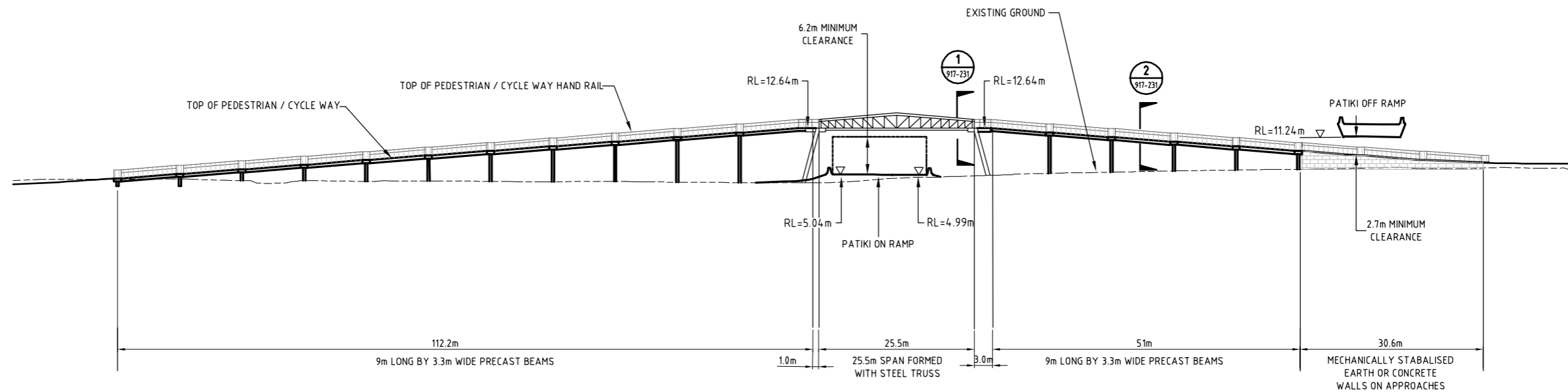
**ISSUE FOR STATUTORY  
 APPROVAL**  
 not for construction

Base Level:	MSL AUCK VERT DATUM 1946
Grid Reference:	MT EDEN 2000
Originator No:	MT EDEN 2000
Project No:	20.1.11-3-D-N-919-220
Rev	<b>B</b>



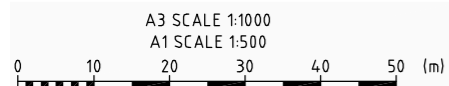
**PEDESTRIAN / CYCLE WAY PLAN**

1:500 @ A1  
1:1000 @ A3



**PEDESTRIAN / CYCLE WAY ELEVATION**

1:400 @ A1  
1:800 @ A3



**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

Base Level:		MSL AUCK.VERT.DATUM 1946	
Grid Reference:		Mt Eden 2000	
Originator No.			
Project No.	20.111-D-N-917-230	Rev.	C

No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

Drawing Originator:

Aurecon New Zealand Limited  
139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland, New Zealand  
Telephone: +64 9 520-8019  
Facsimile: +61 9 524-7816  
Email: auckland@ap.aurecongroup.com

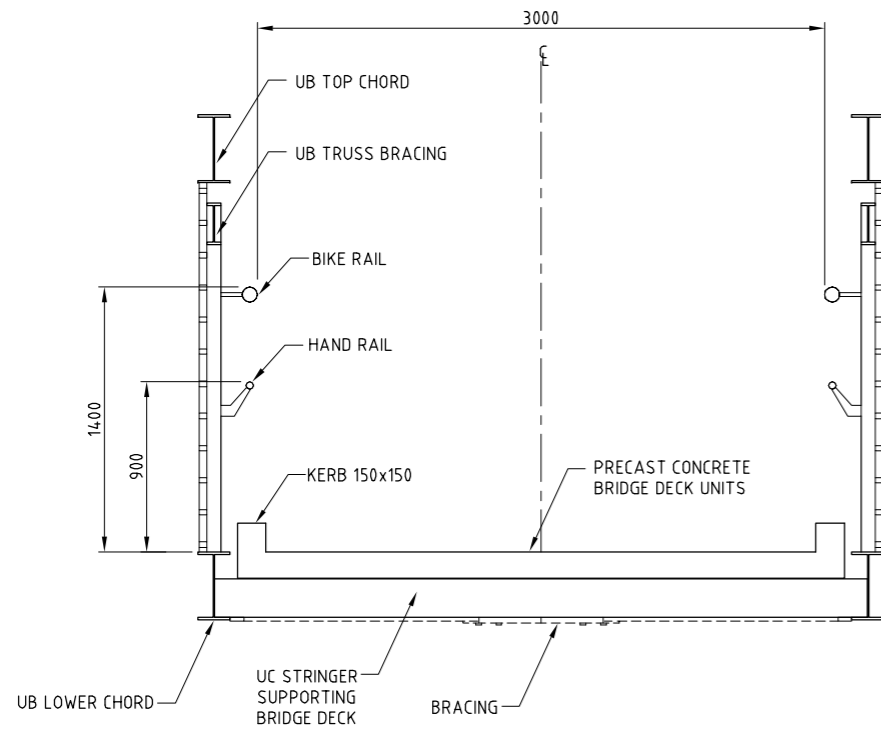
Original Scale (A1)	1:500	Designer	AG
Reduced Scale (A3)	1:1000	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by	Beca

NZ TRANSPORT AGENCY  
WAKA KOTAHU

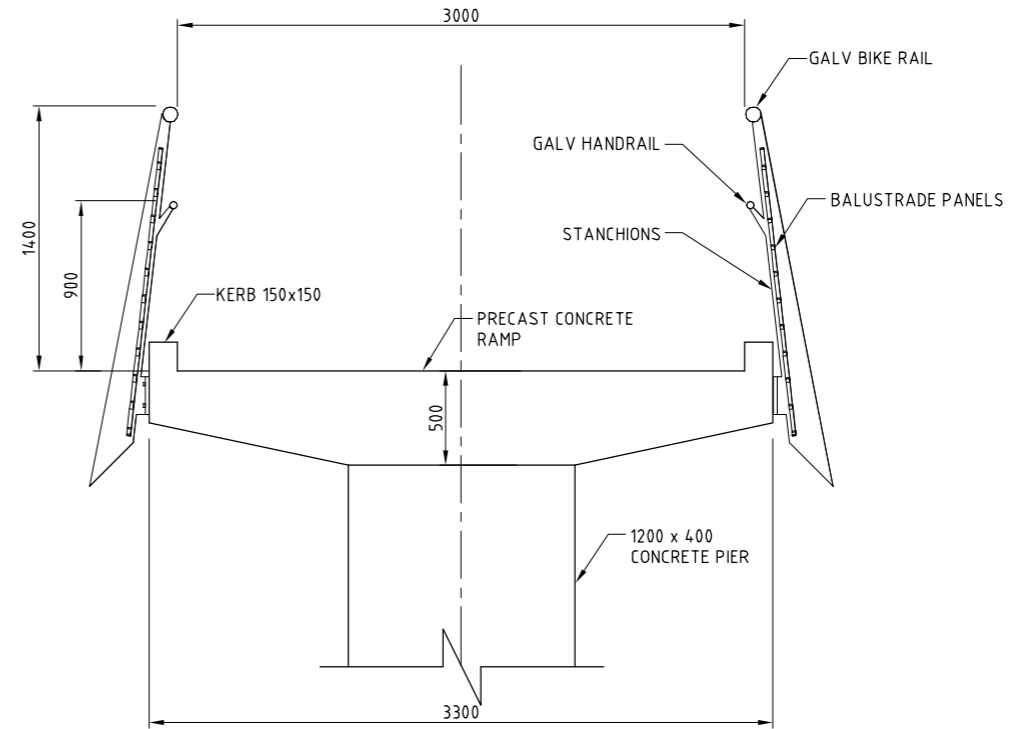
Project: **WATERVIEW CONNECTION PROJECT**  
**SH16 / SH20**

Title: **PATIKI PEDESTRIAN BRIDGE**  
**PLAN AND ELEVATION**

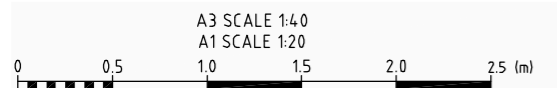




**SECTION 1**  
**TYPICAL CROSS SECTION OF MAIN SPAN**  
 1:20@A1  
 1:40@A3



**SECTION 2**  
**TYPICAL SECTION ON APPROACH RAMP**  
 1:20@A1  
 1:40@A3



No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

Drawing Originator:  
**aurecon**  
 Aurecon New Zealand Limited  
 139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland New Zealand  
 Telephone: +64 9 520-8019  
 Facsimile: +61 9 524-7816  
 Email: auckland@aurecongroup.com

Original Scale (A1)	1:20	Designer	AG
Reduced Scale (A3)	1:40	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by Beca	--



Project: **WATERVIEW CONNECTION PROJECT**  
 SH16 / SH20

Title: **PĀTIKI PEDESTRIAN / CYCLE WAY BRIDGE**  
 TYPICAL CROSS SECTIONS

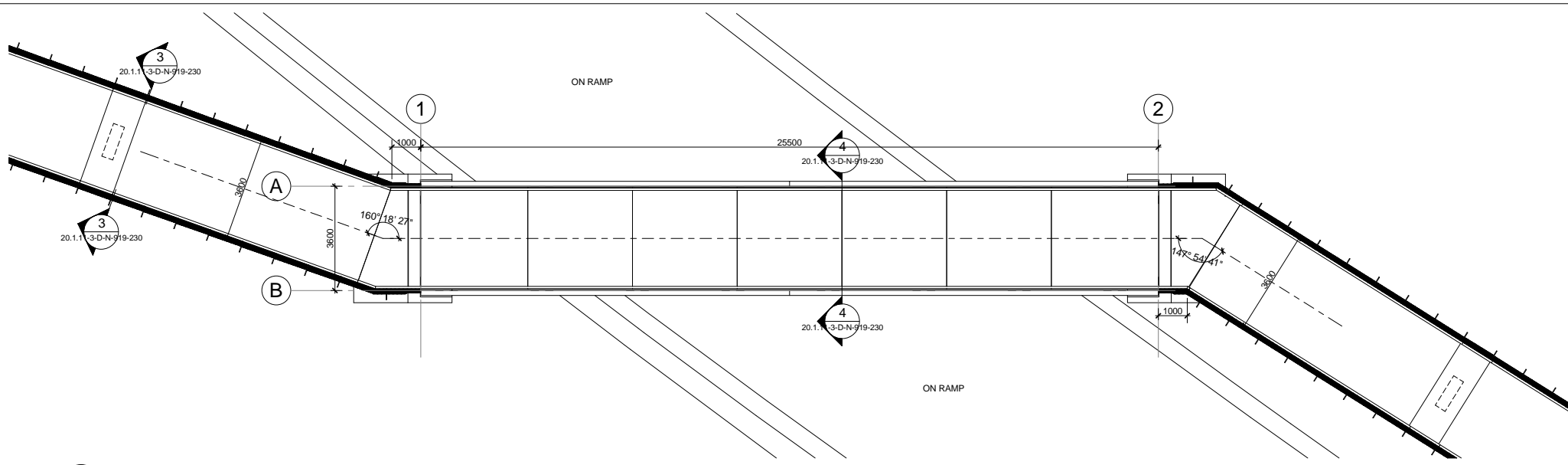
**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

Base Level:  
**MSL AUCK.VERT.DATUM 1946**

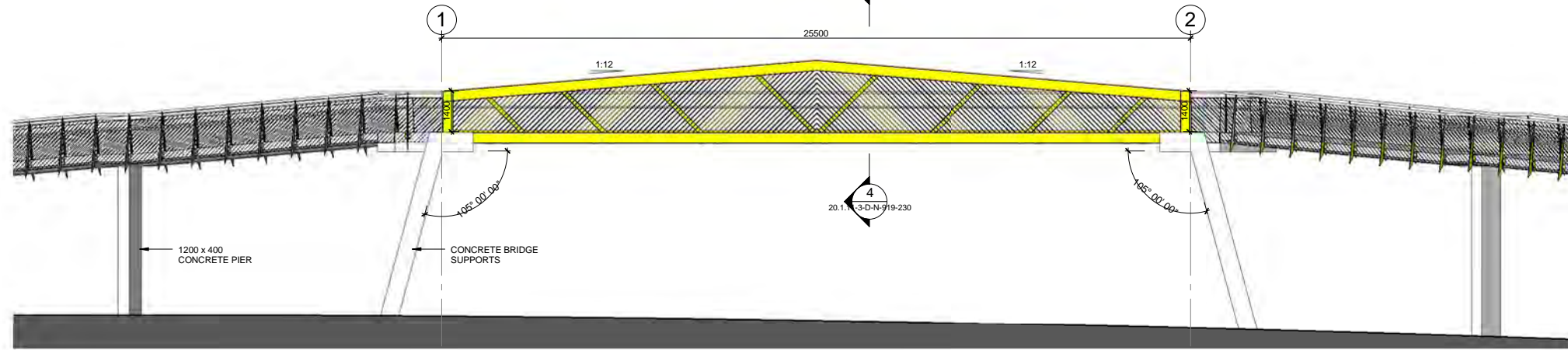
Grid Reference:  
**Mt Eden 2000**

Originator No.:

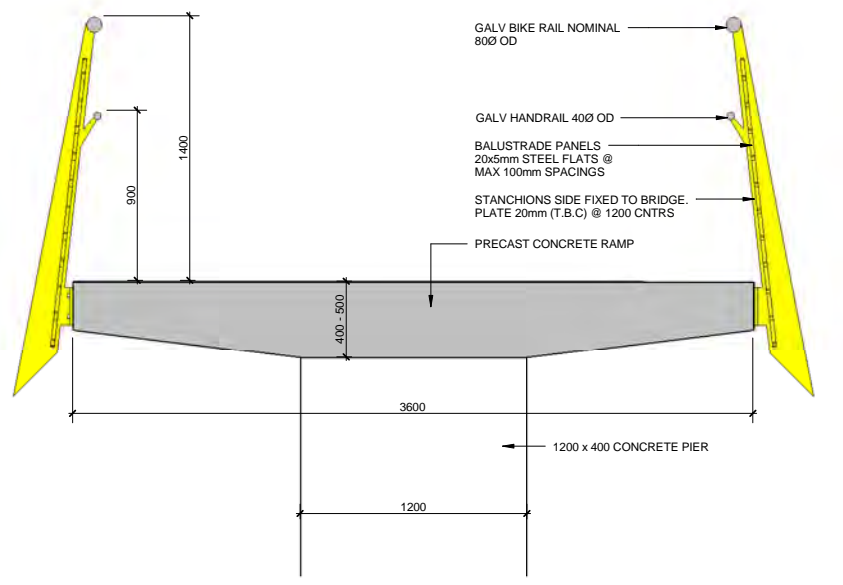
Project No. **20.111-D-N-917-231** Rev. **C**



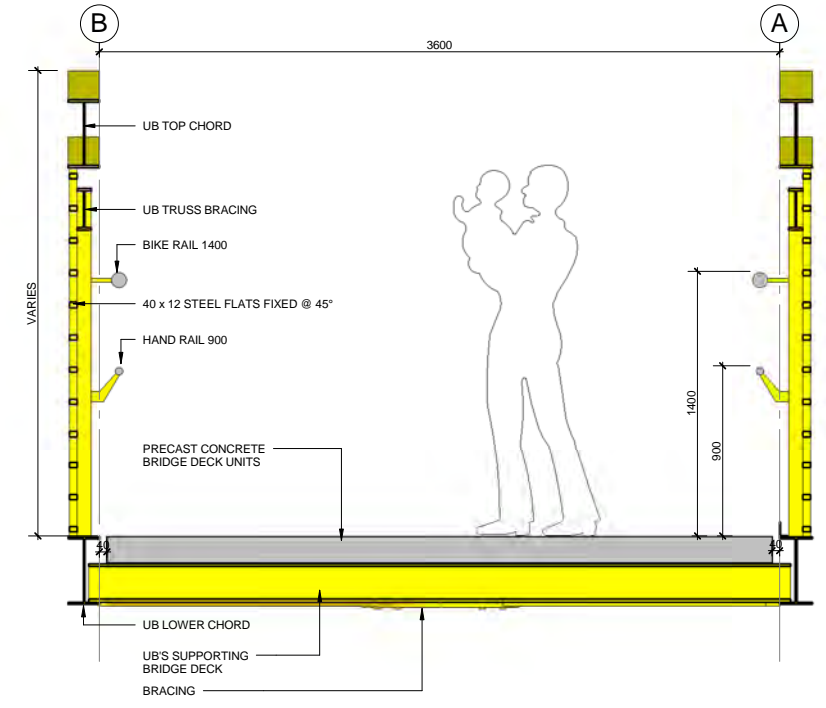
1 1:100 Plan  
Callout of BRIDGE LEVEL



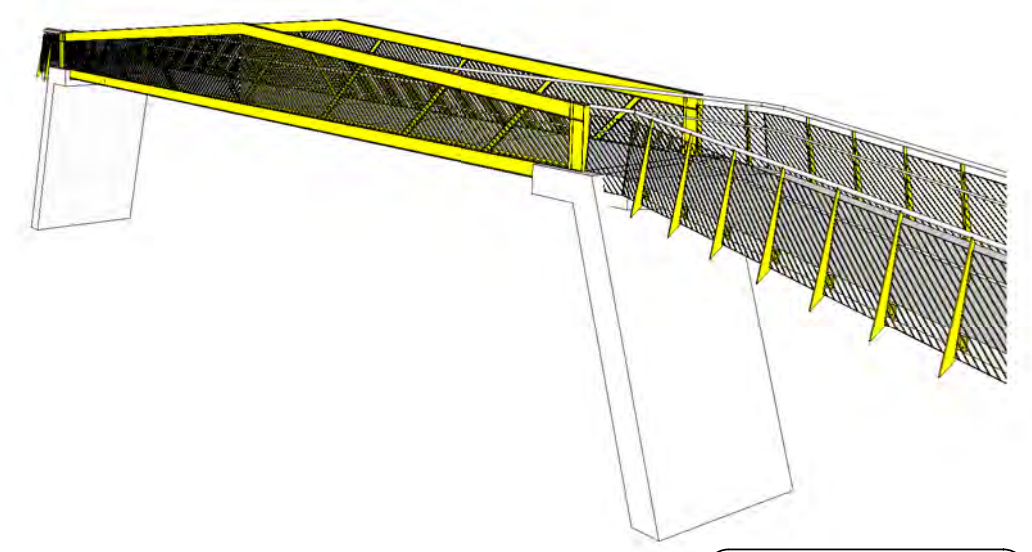
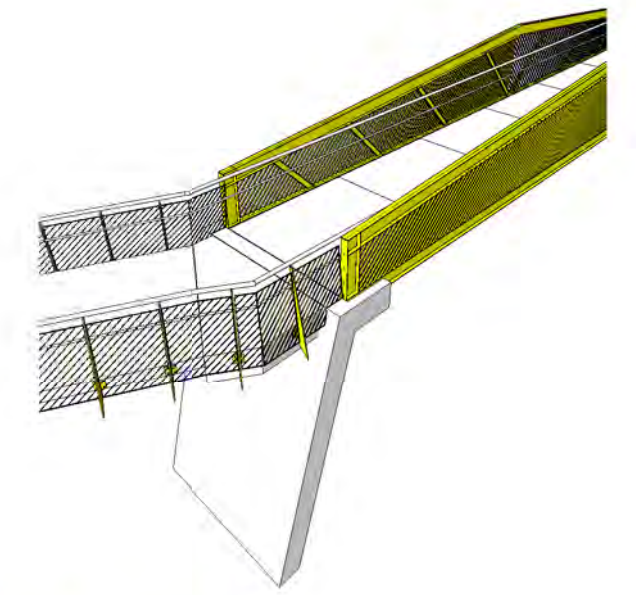
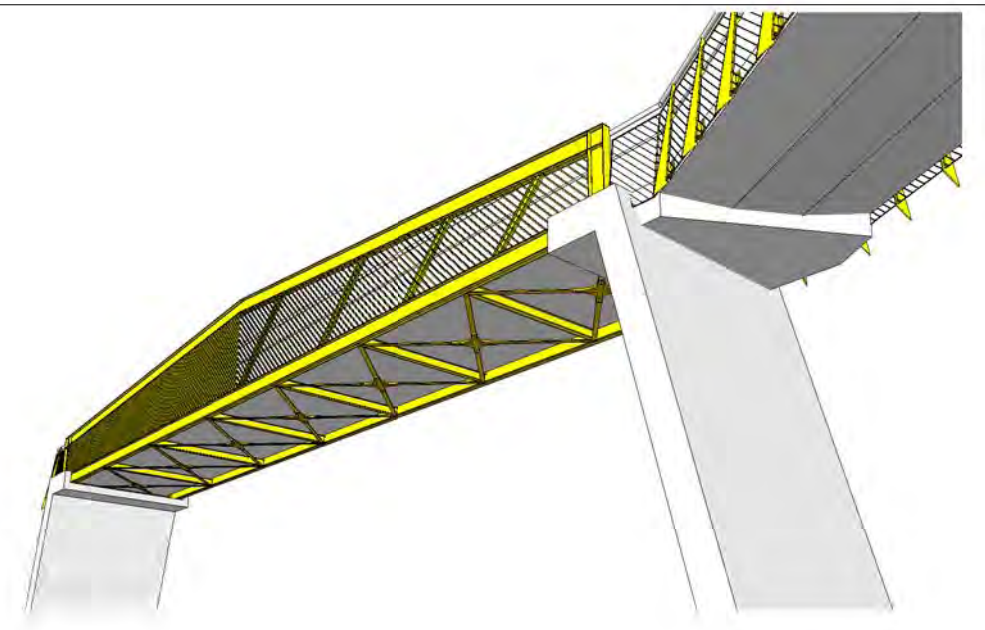
2 1:100 Elevation  
BRIDGE ELEVATION  
A1-11



3 1:20 Section  
RAMP SECTION



4 1:20 Section  
BRIDGE SECTION



**ISSUE FOR STATUTORY APPROVAL**  
not for construction

Base Level:	MSL AUCK VERT DATUM 1946
Grid Reference:	MT EDEN 2000
Originator No:	MT EDEN 2000
Project No:	20.1.11-3-D-N-919-230
Rev	B

No.	Revision	By	Chk	Appd	Date
B	ISSUED FOR STATUTORY APPROVAL	CHK	JBW	TMR	
A	ISSUED FOR SRT / NZTA REVIEW	CHK	JBW	TMR	

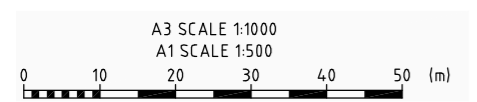
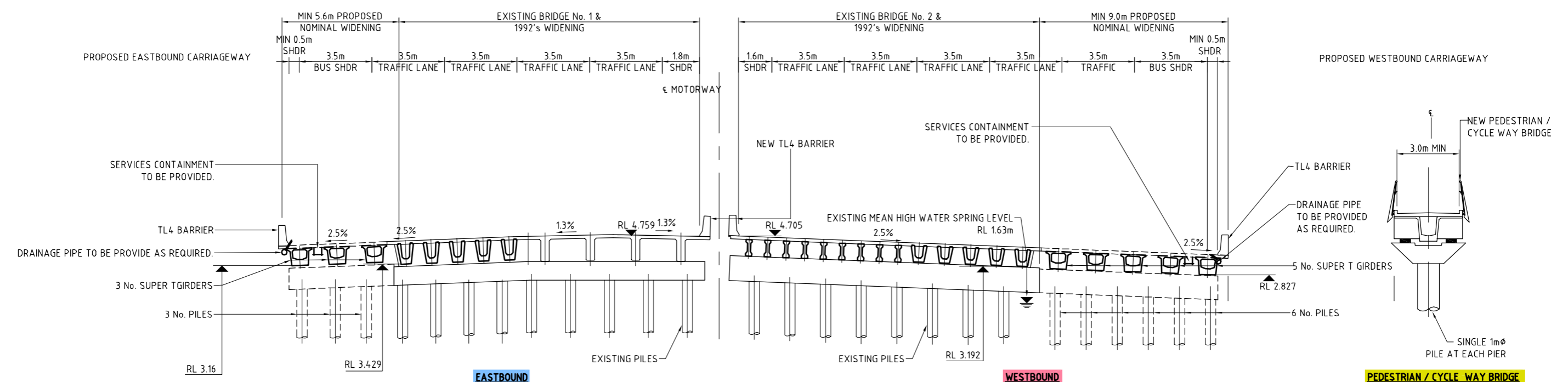
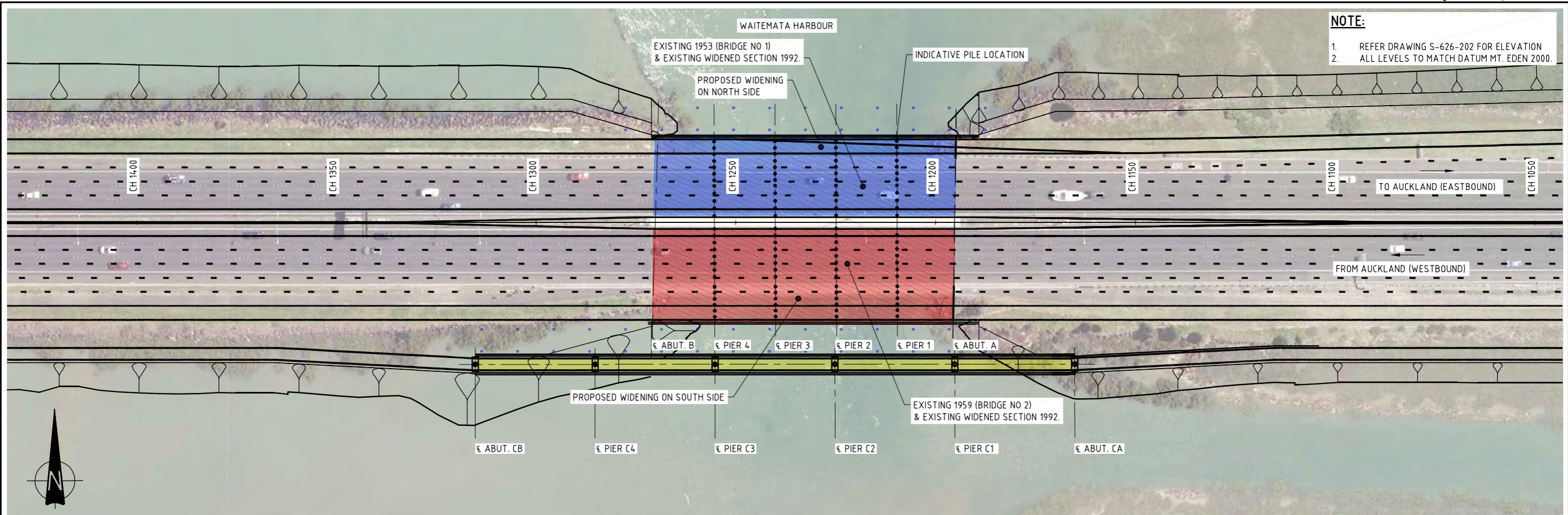
Drawing Originator:  
Jasmax Ltd  
www.jasmax.com  
ARCHITECTS, URBAN DESIGNERS,  
INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS  
Auckland, Wellington, Christchurch

Original Scale (A1)	As indicated	Designer	CHK
Reduced Scale (A3)		Reviewer	JBW
		Drafting Checked	
		Consultant Approved	TMR
		Received by BECA	

**NZ TRANSPORT AGENCY**  
WAKA KOTAHI

Project: **WATERVIEW CONNECTION PROJECT SH16 / SH20**

Title: **PATIKI ROAD PEDESTRIAN / CYCLE WAY BRIDGE**



**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

Base Level:	MSL AUCK.VERT.DATUM 1946
Grid Reference:	Mt Eden 2000
Originator No.	
Project No.	20.111-D-N-917-250
Rev.	C

No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

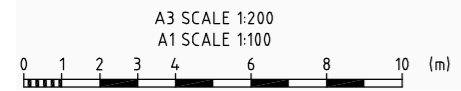
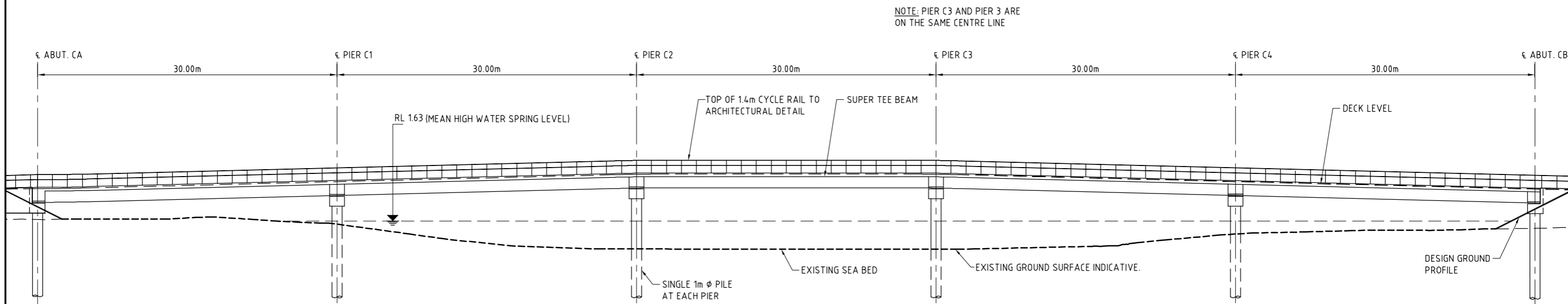
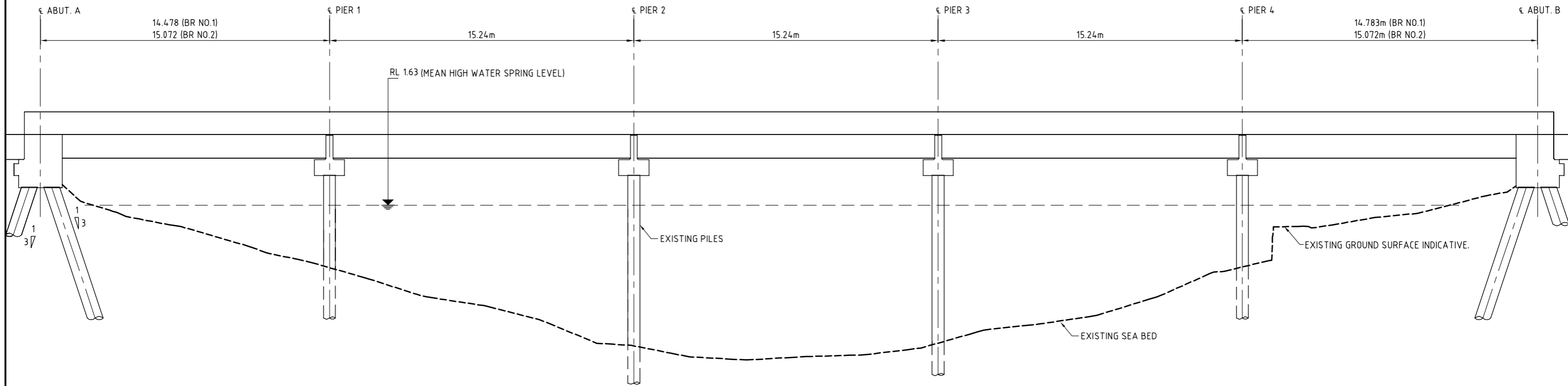
Drawing Originator:  
**aurecon**  
 Aurecon New Zealand Limited  
 139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland New Zealand  
 Telephone: +64 9 520-8019  
 Facsimile: +61 9 524-7816  
 Email: auckland@aurecongroup.com

Original Scale (A1)	1:500,100	Designer	AG
Reduced Scale (A3)	1:1000,200	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by Beca	--

**NZ TRANSPORT AGENCY**  
 WAKA KOTAHU

Project: **WATERVIEW CONNECTION PROJECT**  
 SH16 / SH20

Title: **CAUSEWAY MOTORWAY & PED. BRIDGES**  
 PLAN & CROSS SECTIONS



No.	Revision	By	Chk	Appd	Date
C	ISSUED FOR STATUTORY APPROVAL	AG	COB	JH	02.08.10
B	ISSUED FOR SRT/NZTA REVIEW	AG	COB	JH	23.06.10
A	ISSUED FOR SRT/NZTA REVIEW	AG	WC	JH	21.05.10

Drawing Originator:  
**aurecon**  
 Aurecon New Zealand Limited  
 139 Carlton Gore Road (PO Box 9762) Newmarket, Auckland, New Zealand  
 Telephone: +64 9 520-8019  
 Facsimile: +61 9 524-7816  
 Email: auckland@aurecongroup.com

Original Scale (A1)	1:500,100	Designer	AG
Reduced Scale (A3)	1:1000,200	Reviewer	AWH
		Drafting Checked	WC
		Consultant Approval	JH
		Received by Beca	--

NZ TRANSPORT AGENCY  
 WAKA KOTAHĪ

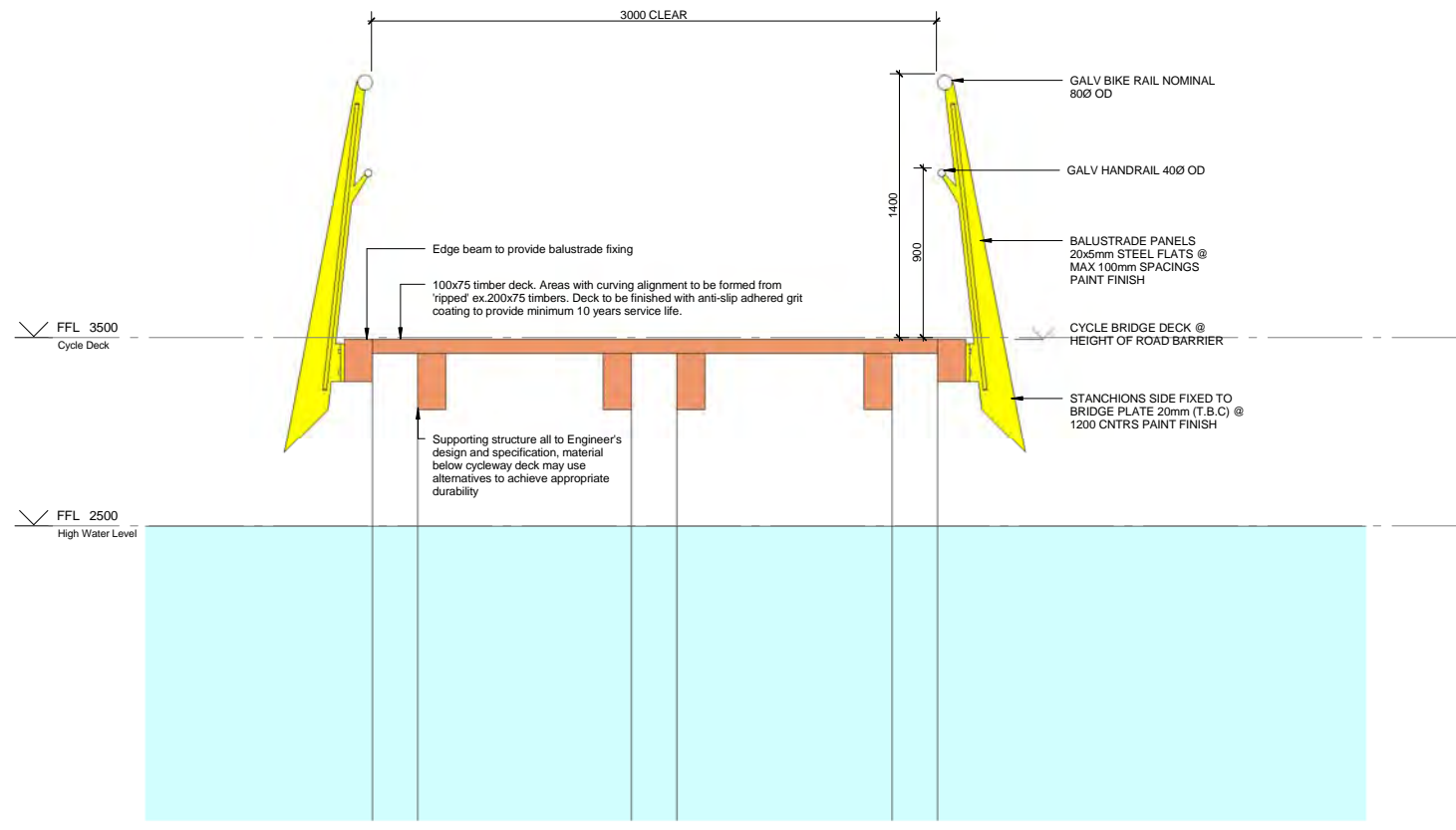
Project: **WATERVIEW CONNECTION PROJECT**  
 SH16 / SH20

Title: **CAUSEWAY MOTORWAY & PED. BRIDGES ELEVATION MOTORWAY & CYCLEWAY**

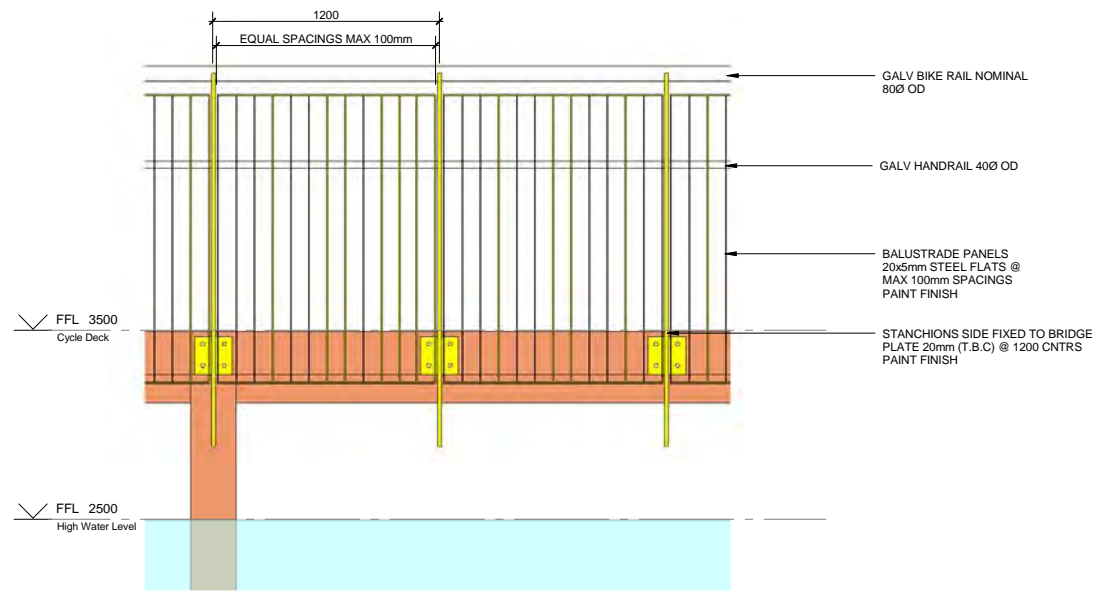
**FOR APPROVAL**  
 NOT FOR CONSTRUCTION

Base Level: **MSL AUCK.VERT.DATUM 1946**  
 Grid Reference: **Mt Eden 2000**

Originator No. \_\_\_\_\_  
 Project No. **20.111-D-N-917-251** Rev. **C**



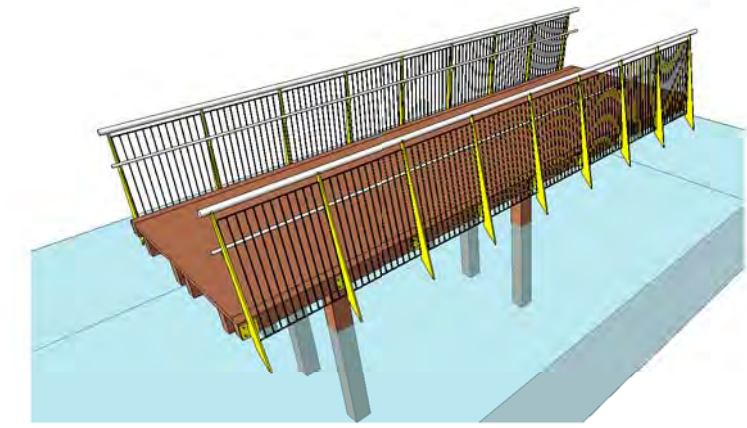
1 1:20 Section  
A1-11 Section 1



2 1:20 Elevation  
A1-11 Elevation 1 - a



3 Detail  
3D View 1



4 Detail  
3D View 2

**ISSUED FOR STATUTORY APPROVAL**  
not for construction

No.	Revision	By	Chk	Appd	Date
B	ISSUED FOR STATUTORY APPROVAL	CHK	JBW	TMR	
A	ISSUED FOR SRT / NZTA REVIEW	CHK	JBW	TMR	

Drawing Originator: **Jasmax Ltd**  
www.jasmax.com  
ARCHITECTS, URBAN DESIGNERS,  
INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS  
Auckland, Wellington, Christchurch

Original Scale (A1): 1:20  
Reduced Scale (A3):

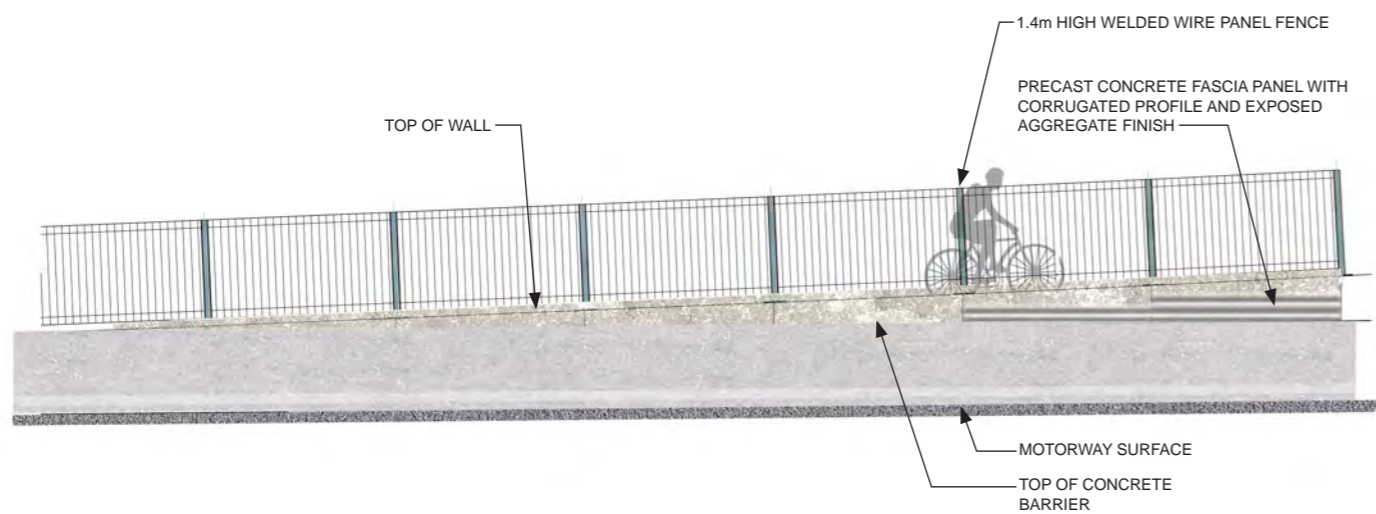
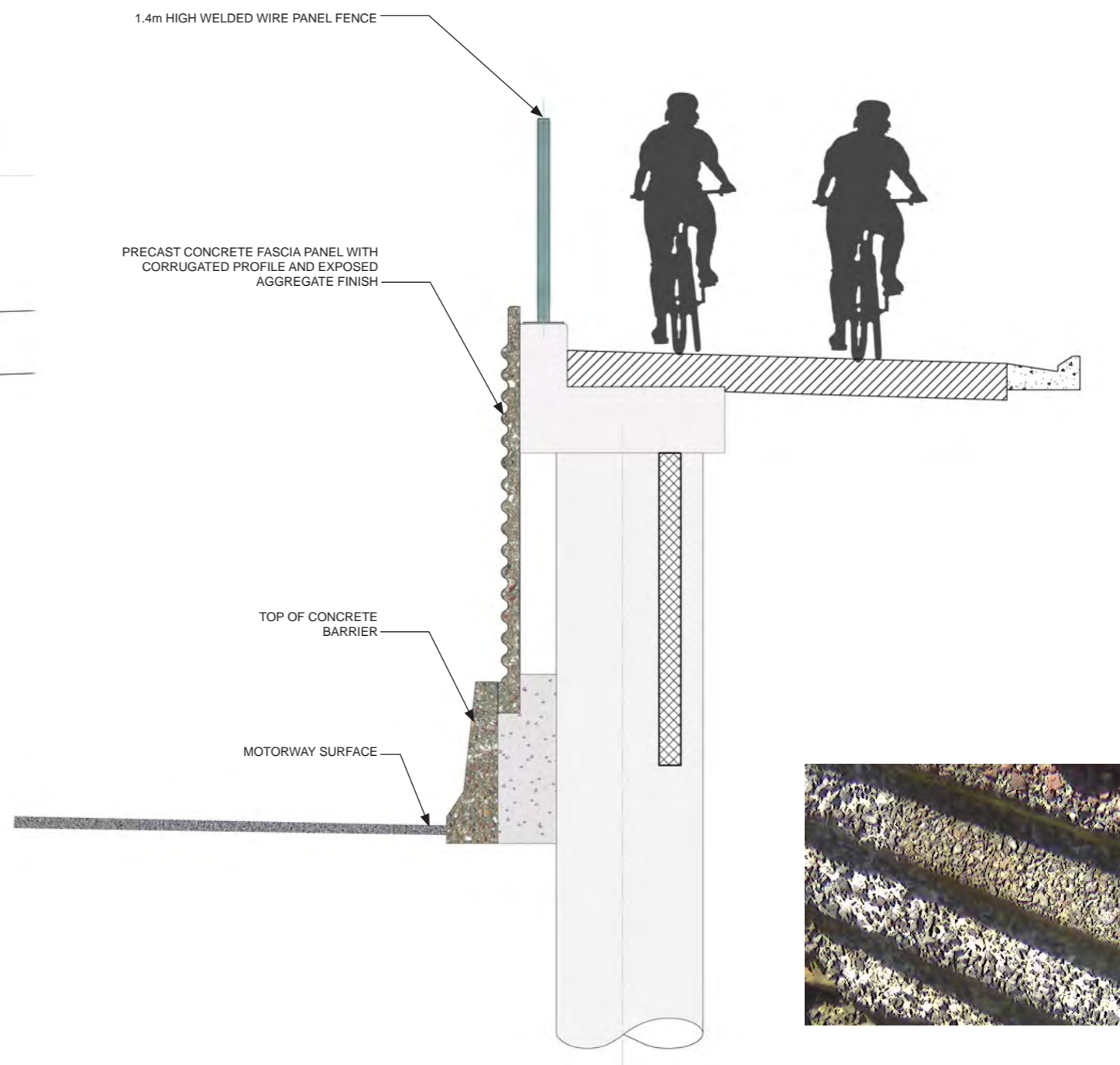
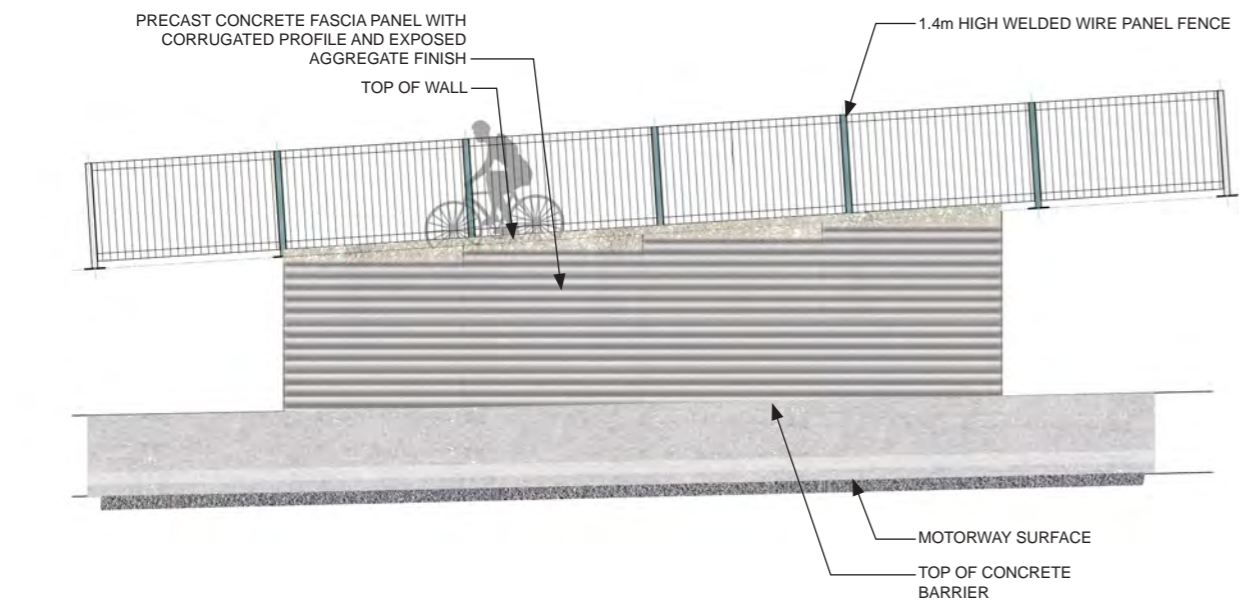
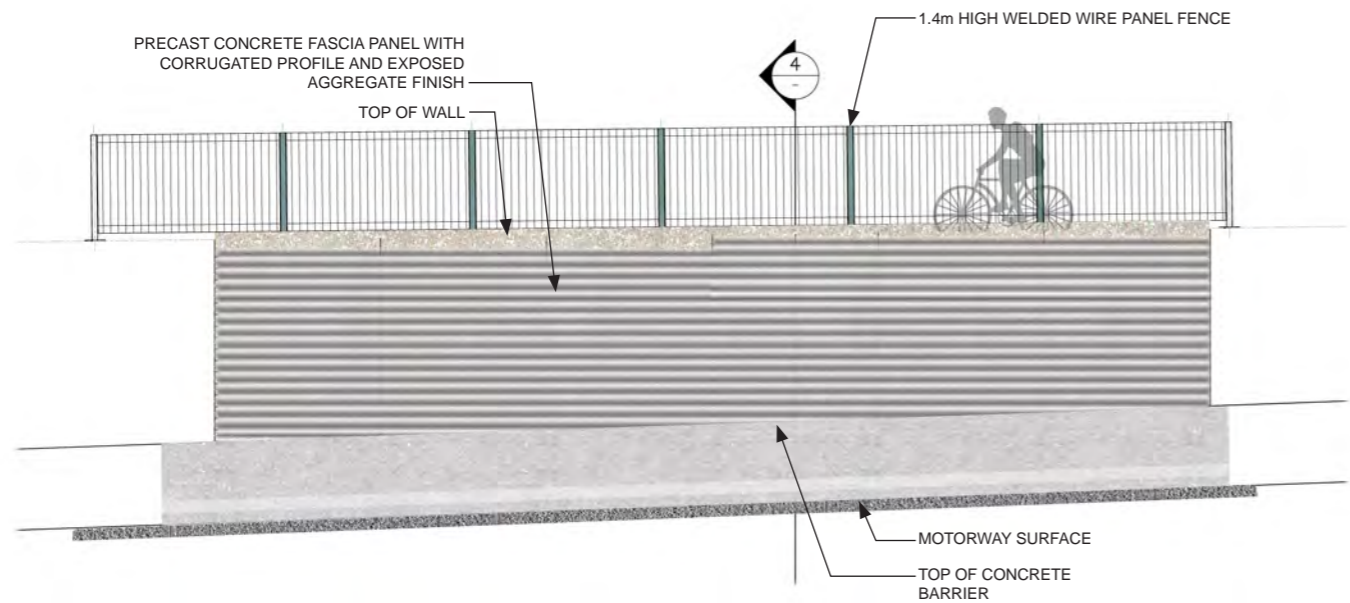
Designer	CHK
Reviewer	JBW
Drafting Checked	
Consultant Approved	TMR
Received by BECA	



Project: **WATERVIEW CONNECTION PROJECT SH16 / SH20**

Title: **BOARDWALK PEDESTRIAN / CYCLE WAY**

Base Level: **MSL AUCK VERT DATUM 1946**  
Grid Reference: **MT EDEN 2000**  
Originator No: **MT EDEN 2000**  
Project No: **20.1.11-3-D-N-919-600** Rev **B**



**ISSUED FOR STATUTORY APPROVAL**  
not for construction

Base Level:	MSL AUCK VERT DATUM 1946
Grid Reference:	MT EDEN 2000
Originator No:	MT EDEN 2000
Project No:	20.1.11-3-D-N-919-700
Rev	<b>B</b>

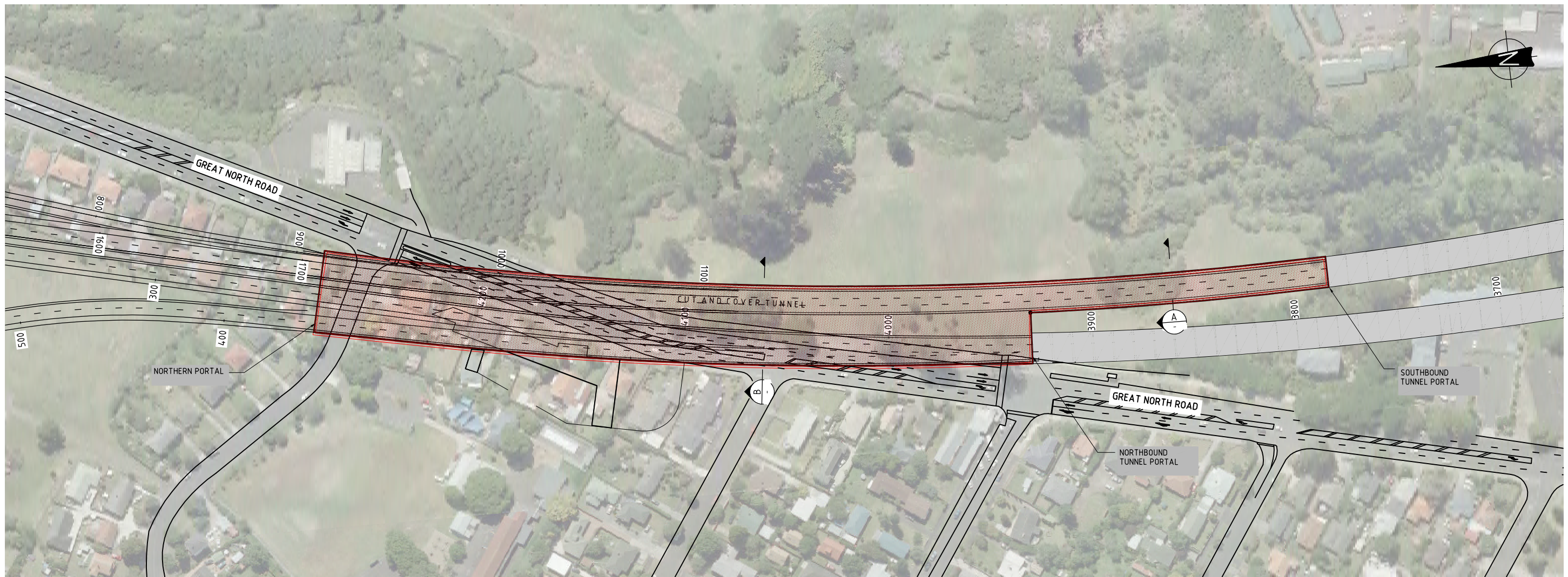
No.	Revision	By	Chk	Appd	Date
B	ISSUED FOR STATUTORY APPROVAL	TMR	JBW	TMR	
A	ISSUED FOR SRT / NZTA REVIEW	TMR	JBW	TMR	

Drawing Originator:	Jasmax Ltd www.jasmax.com ARCHITECTS, URBAN DESIGNERS, INTERIOR DESIGNERS, LANDSCAPE ARCHITECTS Auckland, Wellington, Christchurch	Original Scale (A1)	Designer	TMR
Reduced Scale (A3)	Jasmax	Reviewer	JBW	
		Drafting Checked		
		Consultant Approved	TMR	
		Received by BECA		

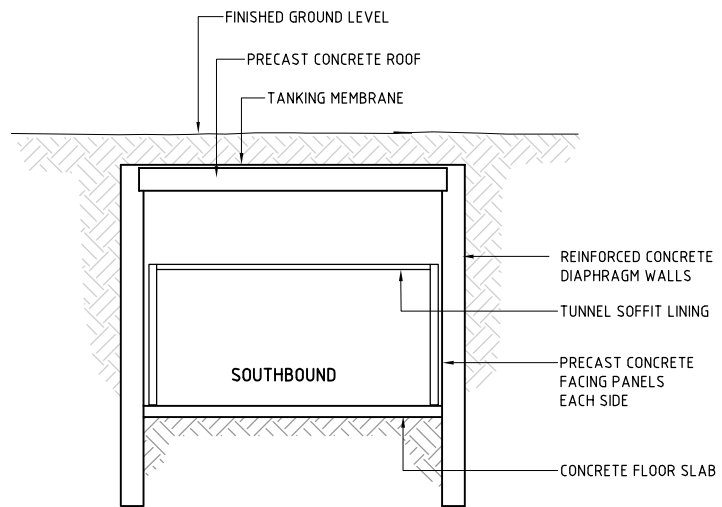


Project: WATERVIEW CONNECTION PROJECT SH16 / SH20

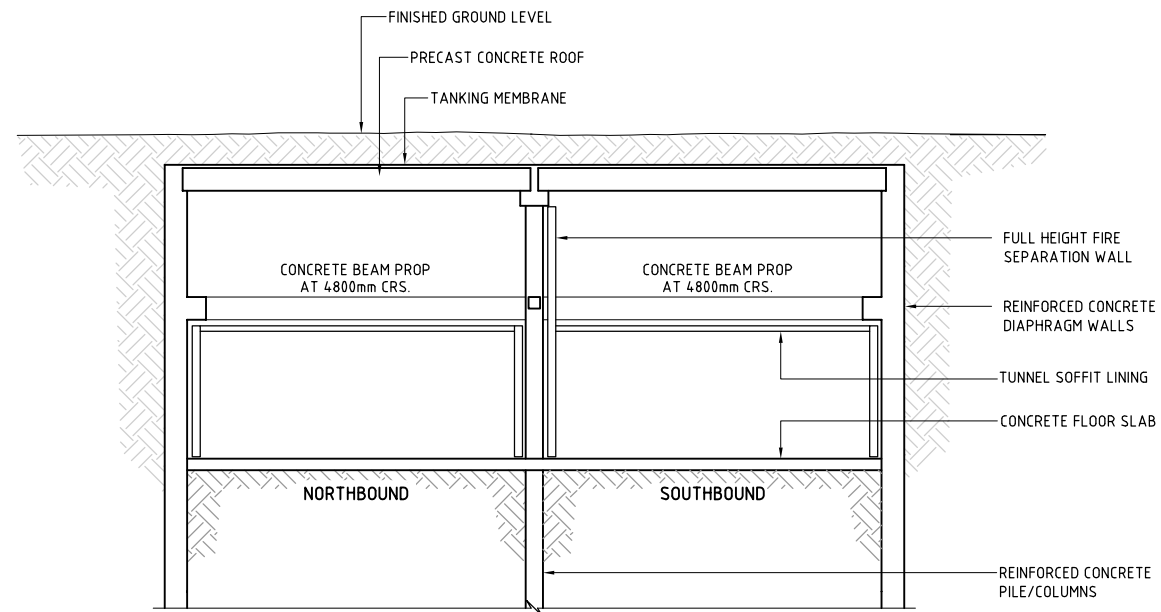
Title: RETAINING WALL FASCIAS SH16 LOCATIONS WEST OF WATERVIEW INTERCHANGE



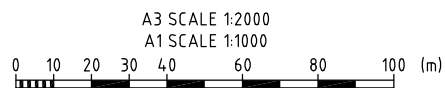
PLAN  
1:1000



A SECTION - SOUTHBOUND TUNNEL  
1:200



B SECTION - DUAL SOUTHBOUND/NORTHBOUND TUNNEL  
1:200



**FOR APPROVAL**  
**NOT FOR CONSTRUCTION**

Base level: MSL AUCK. VERT. DATUM 1946	
Grid Reference: NZ MAP GRID	
Originator No.	
Project No.	Rev.
20.1.11-3-D-S-917-400	B

No.	Revision	By	Chk	Appd	Date
B	ISSUE FOR STATUTORY APPROVAL	BNRB			22.07.10
A	ISSUE FOR SRT/NZTA REVIEW	BNRB			22.06.10

Drawing Originator:



Original Scale (A1) 1:1000	Designer AH
Reduced Scale (A3) 1:2000	Reviewer BM
	Drafting Checked -
	Consultant Approval AL
	Received by Beca



Project: **WATERVIEW CONNECTION PROJECT**  
SH16 / SH20

Title: **CUT AND COVER TUNNEL PLAN & SECTIONS**