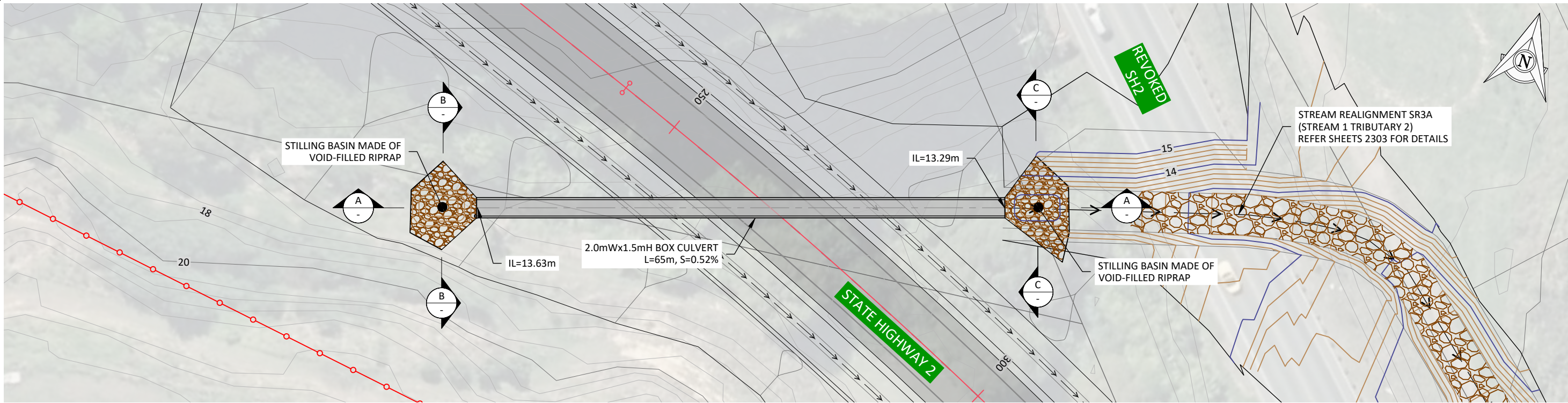
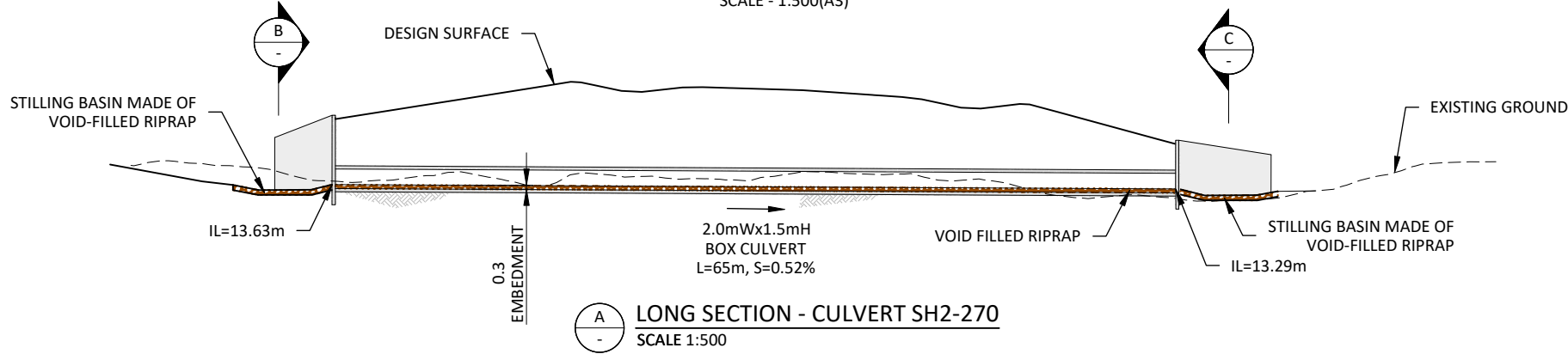


100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY
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4:12 pm
C:\26\stakeholder\10.7.120_A\144702 - Takitimu North Link Stage 2_509003 Drawings\00144702-00-2124.dwg 28/7/2025 4:12 pm spm1 Plotted: 28 Jul 2025 4:12 pm
Version 4.0 - March 2020



PLAN OF CULVERT SH2-270

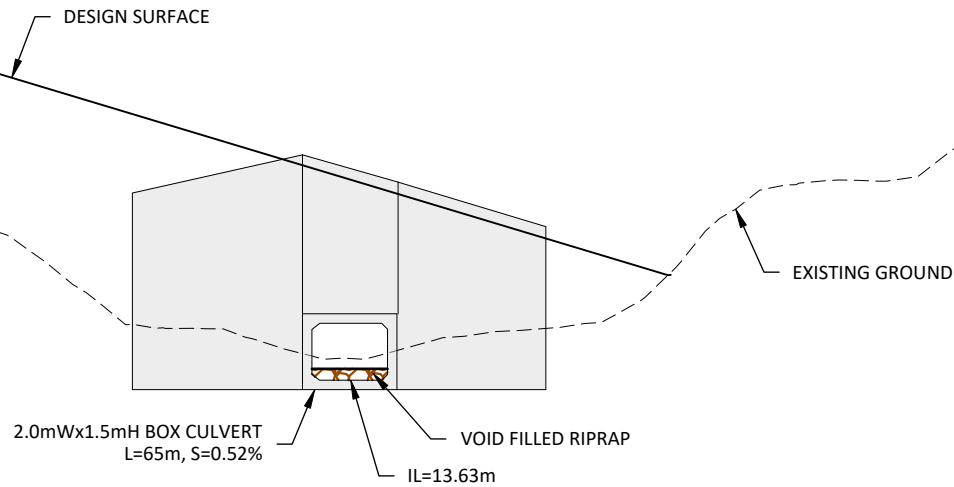
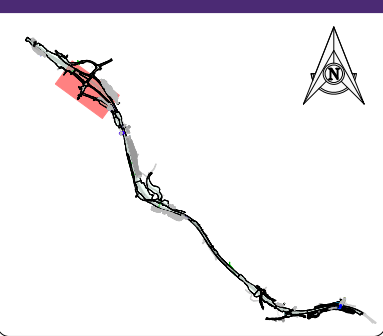
SCALE - 1:500(A3)



LONG SECTION - CULVERT SH2-270

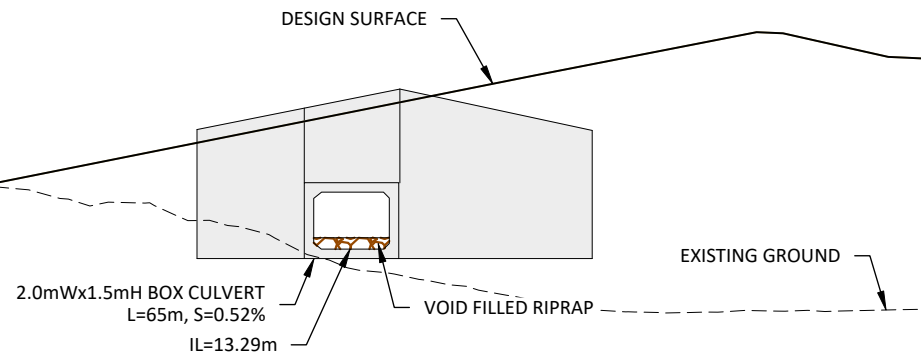
SCALE 1:500

SHEET LOCALITY PLAN



SECTION - UPSTREAM

SCALE 1:200



SECTION - UPSTREAM

SCALE 1:200

1:500 (A3) 0 10 20 30m

1:200 (A3) 0 4 8 12m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	CHECKED
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV	PK/GK/JRL	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN	APPROVED
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB	mx model version:	
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV			
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR		



PROJECT
TAKITIMU NORTH LINK STAGE 2

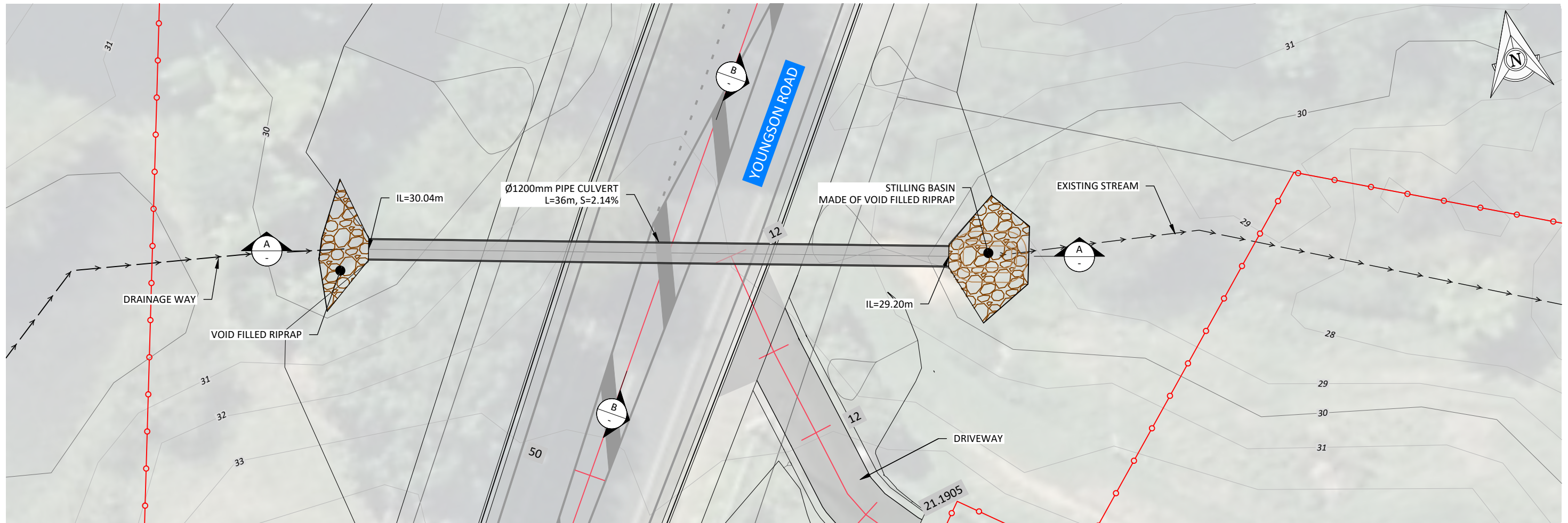
DRAWING
CULVERT SH2-270
PLAN AND CROSS-SECTIONS

STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) AS SHOWN
DRAWING NUMBER 144702-00-2124	REVISION F

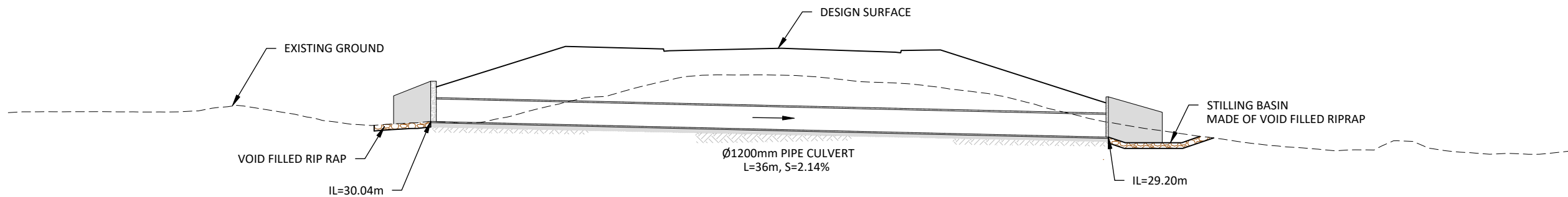
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SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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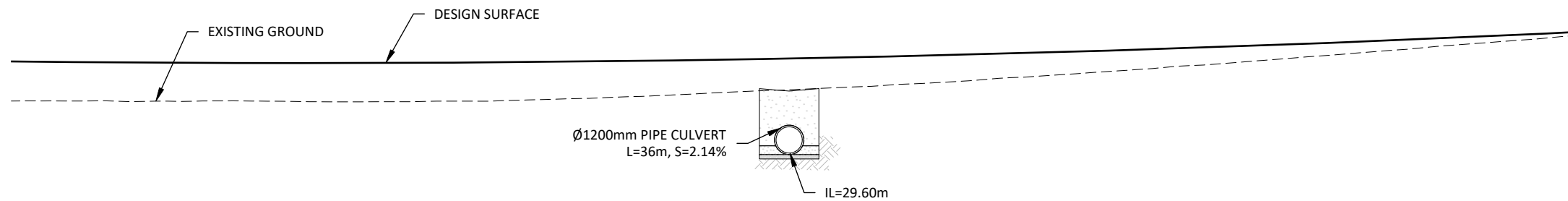
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PLAN - CULVERT OMK- 60
SCALE 1:250

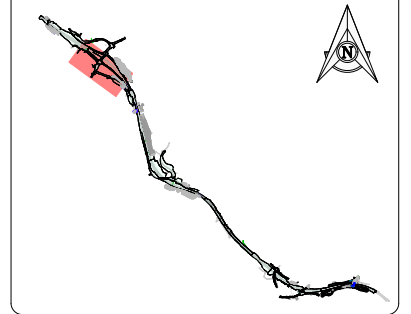


A LONG SECTION - CULVERT OMK- 60
SCALE 1:250



B CROSS SECTION - CULVERT OMK- 60
SCALE 1:250

SHEET LOCALITY PLAN



1:250 (A3) 0 5 10 15m

DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR
30.07.2025	FTAA APPLICATION	SAP	EV	EV
01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB

DESIGNED	CHECKED
JRL	EV
JRL	APPROVED EV



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
CULVERT OMK-60
PLAN AND CROSS-SECTION

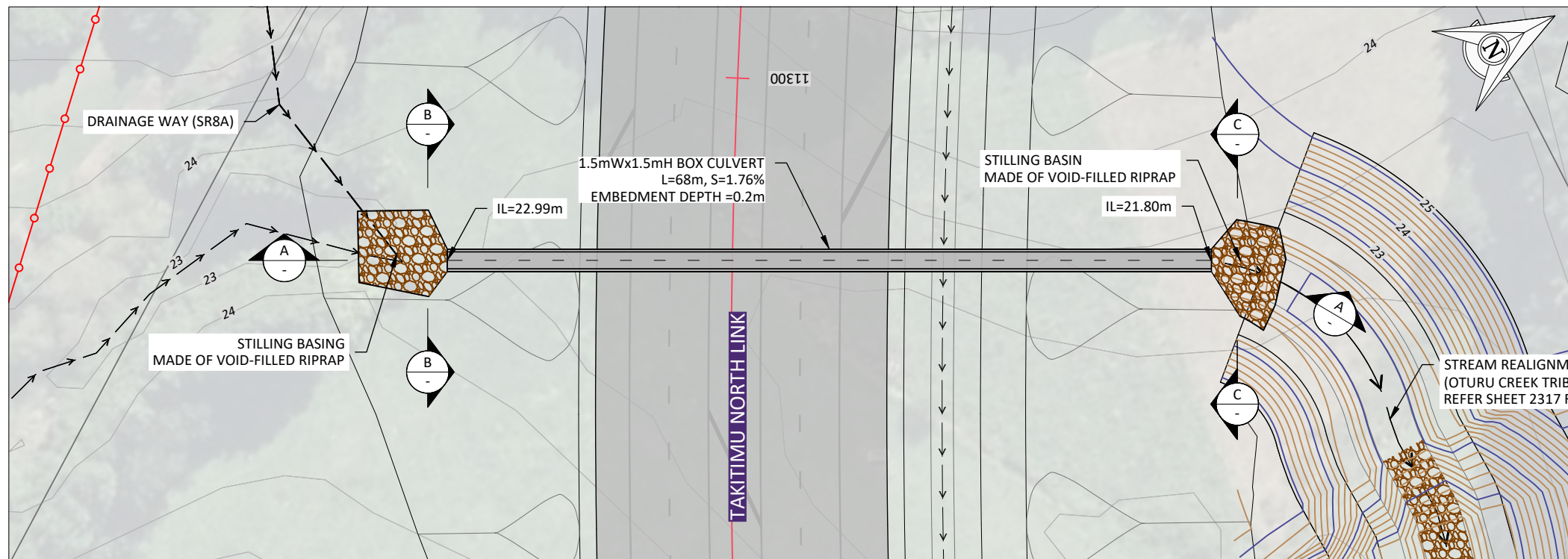
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PRELIMINARY	
DATE	SCALE (ORIGINAL SIZE A3)
05.05.2023	AS SHOWN
DRAWING NUMBER	REVISION
144702-00-2125	E

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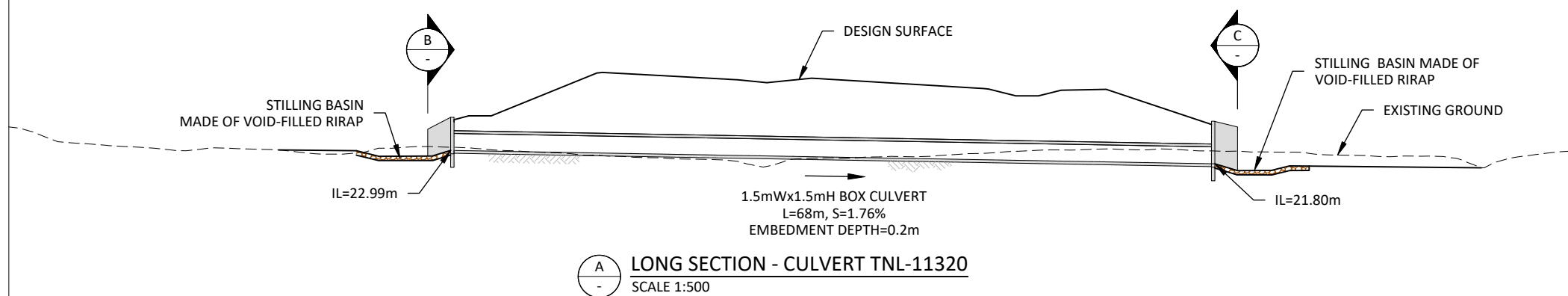
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SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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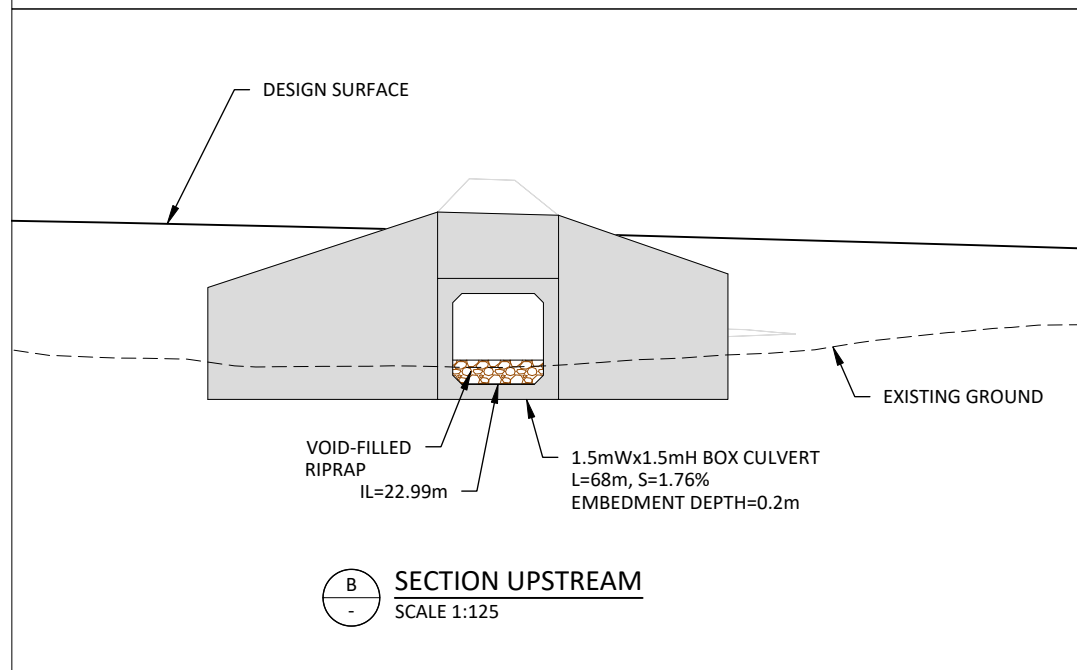
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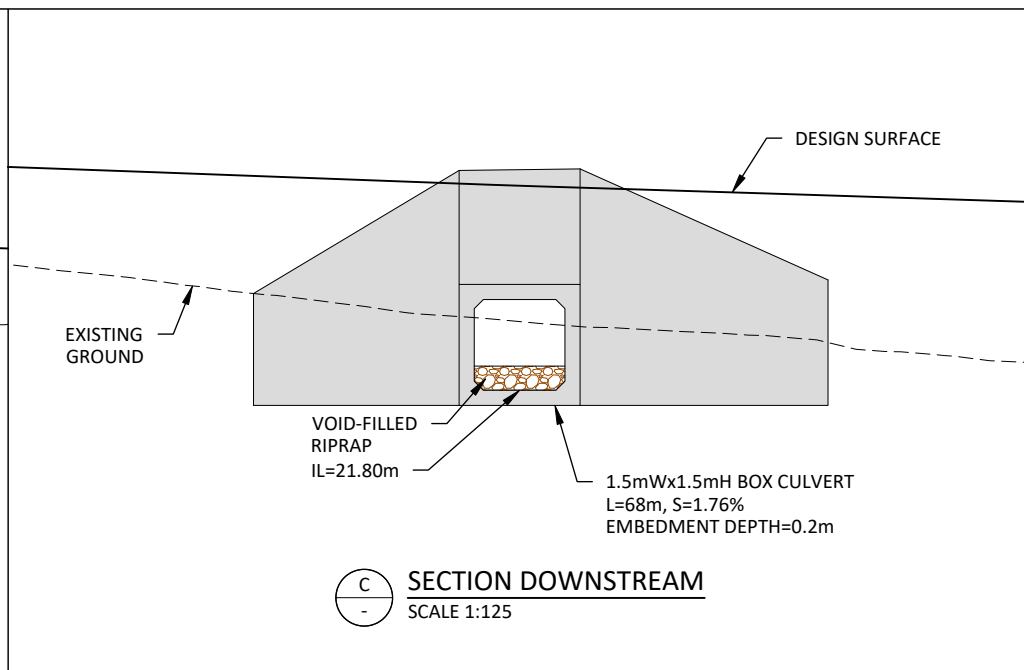
PLAN - CULVERT TNL-11320
SCALE 1:500



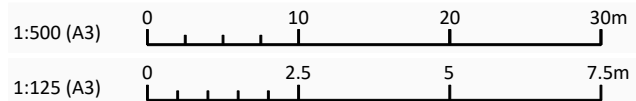
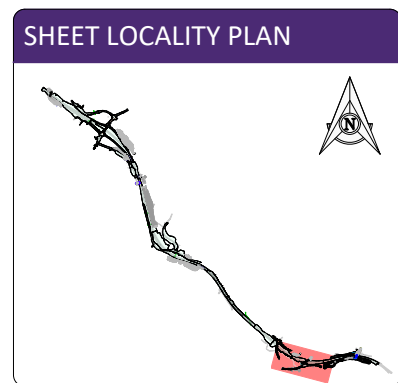
LONG SECTION - CULVERT TNL-11320
SCALE 1:500



SECTION UPSTREAM
SCALE 1:125



SECTION DOWNSTREAM
SCALE 1:125



						DESIGNED		CHECKED						CLIENT		PROJECT TAKITIMU NORTH LINK STAGE 2		DRAWING CULVERT TNL-11320 PLAN AND CROSS-SECTIONS		STATUS PRELIMINARY DATE 05.05.2023 SCALE (ORIGINAL SIZE A3) AS SHOWN DRAWING NUMBER 144702-00-2132 REVISION F	
F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	JRL	EV														
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV																
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN	APPROVED														
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV														
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB																
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV		mx model version:															
	DATE	ISSUE/REVISION DETAIL		BY	CHK	APPR															

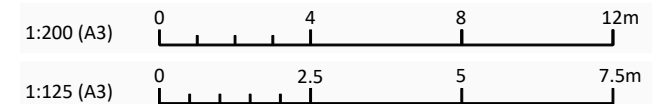
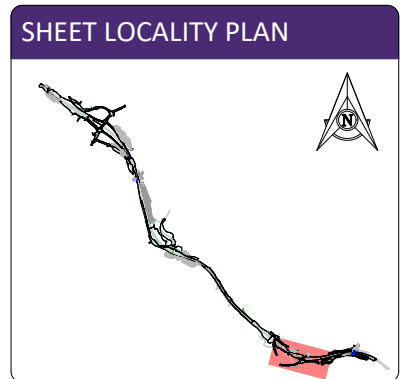
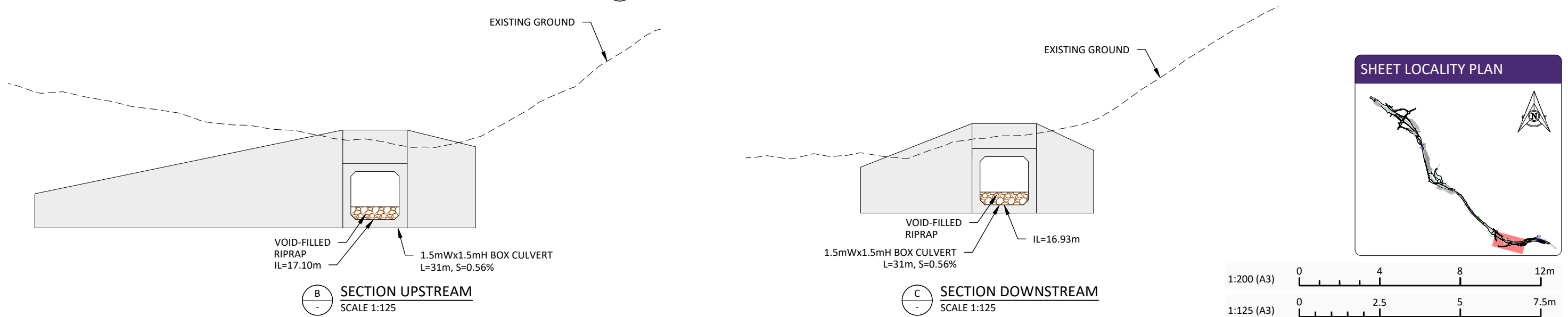
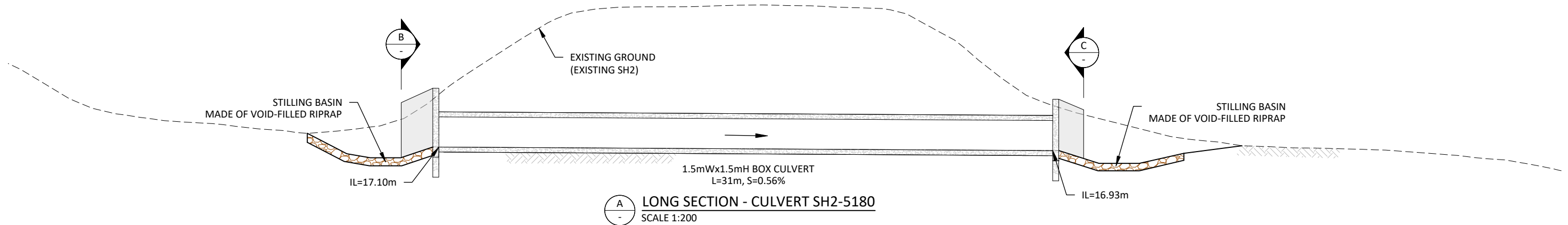
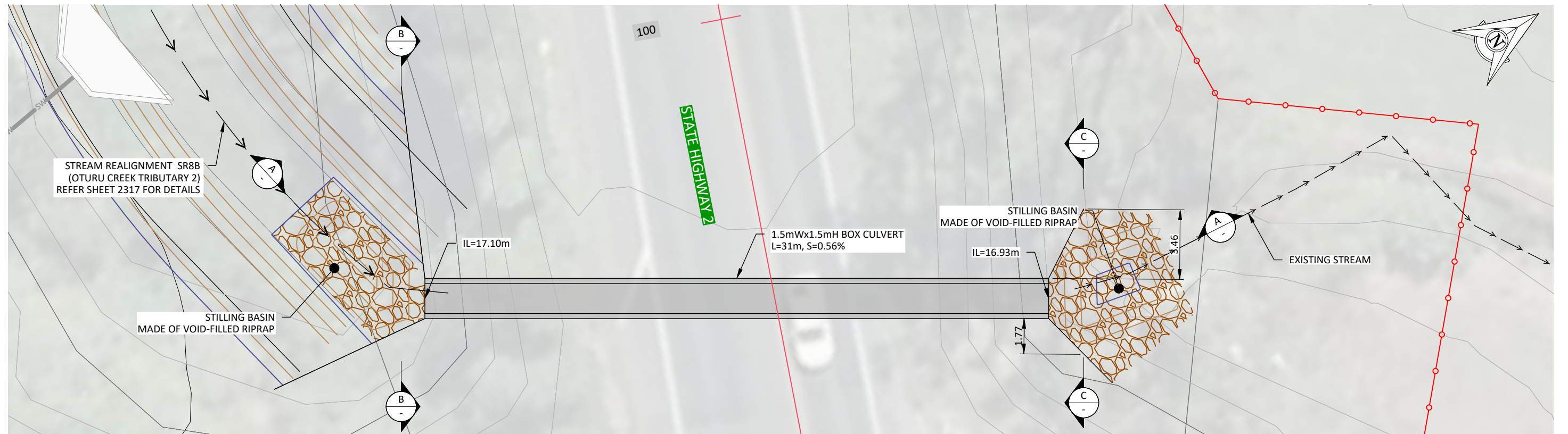
Version 4.0 - March 2020

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100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

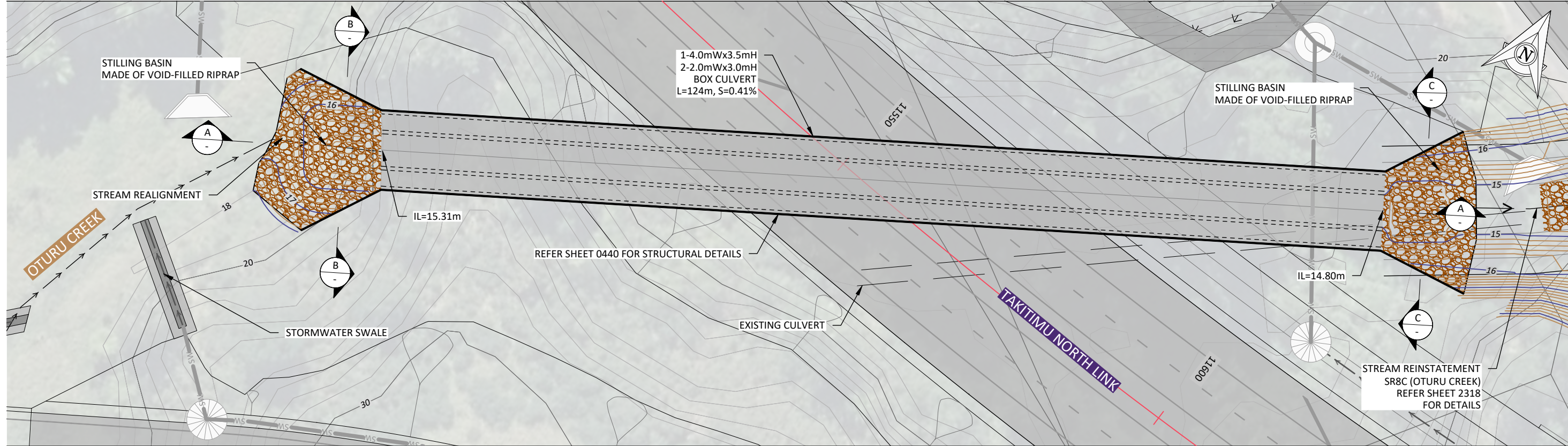
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C:\1245\data\107.120.14\144702 - Takitimu North Link Stage 2_5090\03 Drawing\00144702-00-2133.dwg 28/7/2025 4:19 pm spm1 Plotted: 28 Jul 2025 4:19 pm

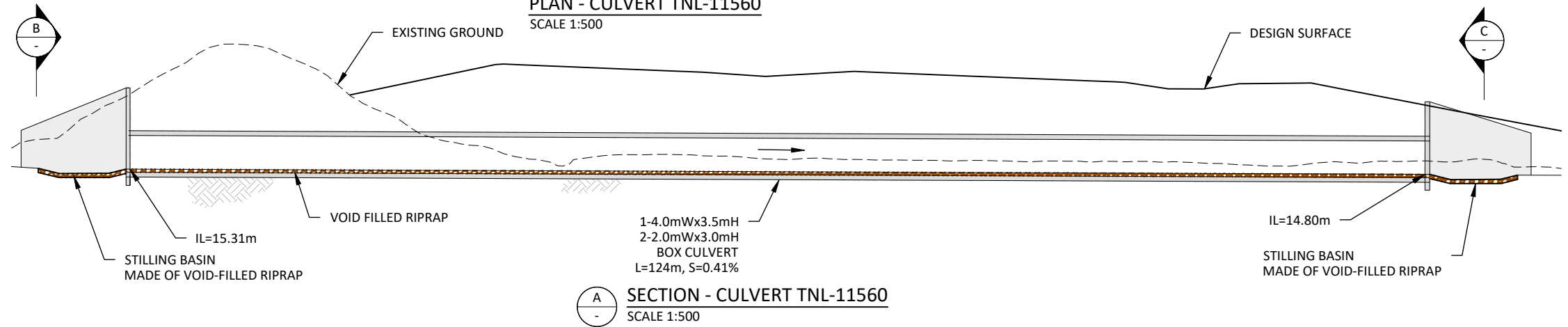
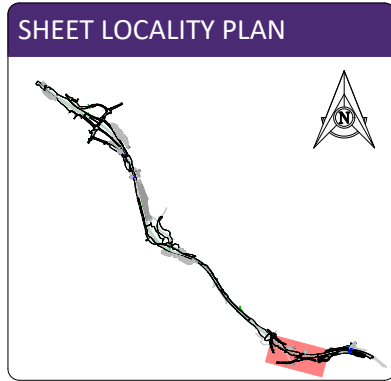


			DESIGNED			CHECKED			 			CLIENT TAKITIMU NORTH LINK STAGE 2			PROJECT CULVERT SH2-5180 PLAN AND CROSS-SECTIONS			DRAWING CULVERT SH2-5180 PLAN AND CROSS-SECTIONS			STATUS PRELIMINARY								
F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	PK/GK/JRL	EV																						
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV																								
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN	APPROVED																						
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV																						
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB																								
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	EV	mx model version:																							
			ISSUE/REVISION DETAIL			BY	CHK	APPR																					
Version 4.0 - March 2020																													

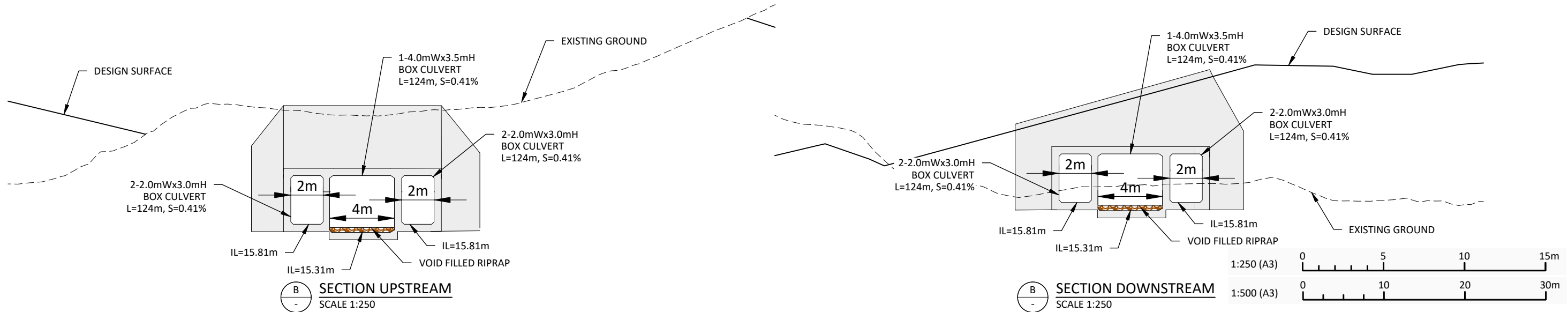
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SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY
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Version 4.0 - March 2020



PLAN - CULVERT TNL-11560
SCALE 1:500



SECTION - CULVERT TNL-11560
SCALE 1:500



SECTION UPSTREAM
SCALE 1:250

SECTION DOWNSTREAM
SCALE 1:250

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	PK/GK/JRL	EV
F	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV	JRL	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	JRL	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB	JRL	EV
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	EV	JRL	EV
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR		

DESIGNED	CHECKED
PK/GK/JRL	EV
DRAWN	APPROVED
JRL	EV
mx model version:	



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
CULVERT TNL-11560
PLAN AND CROSS-SECTIONS

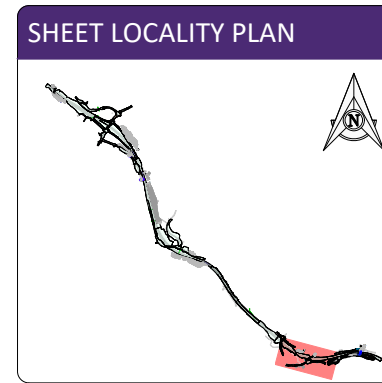
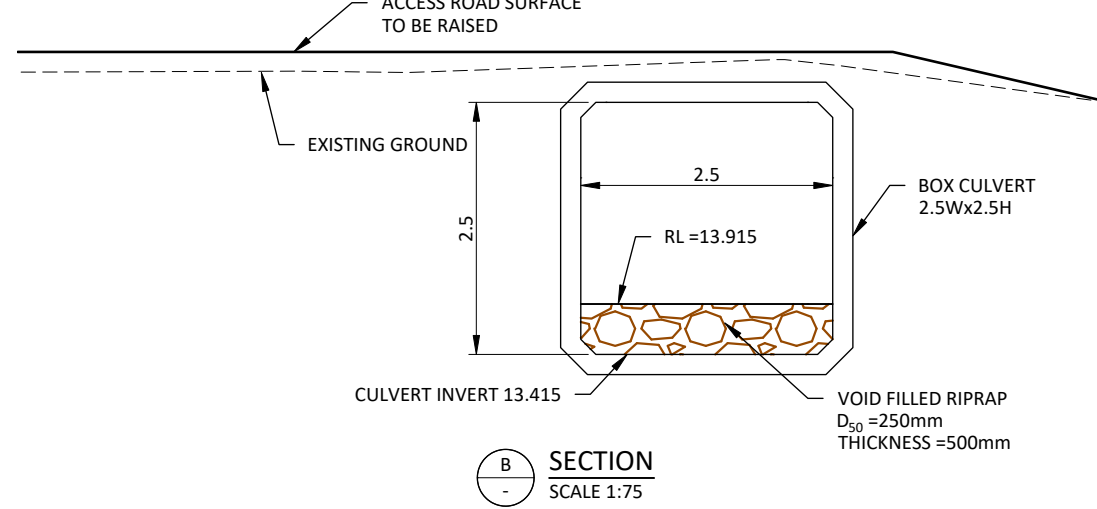
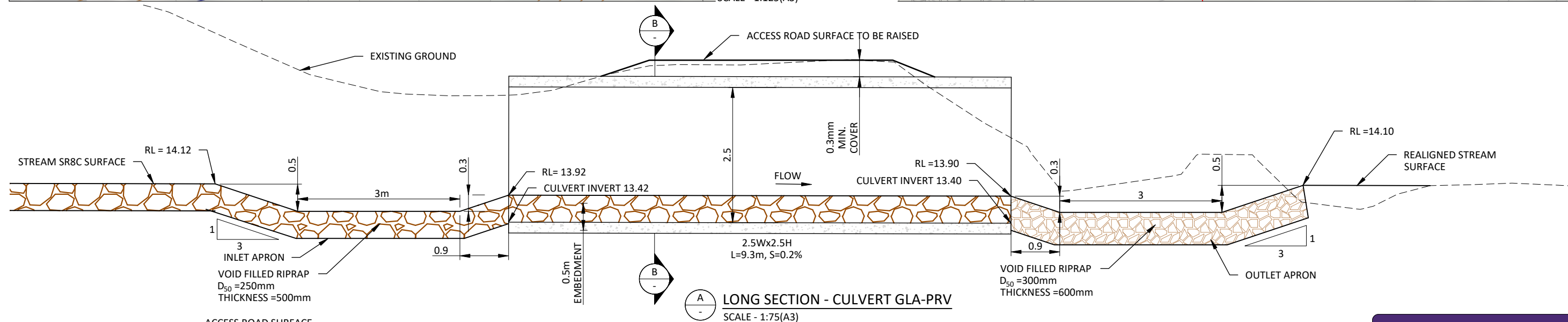
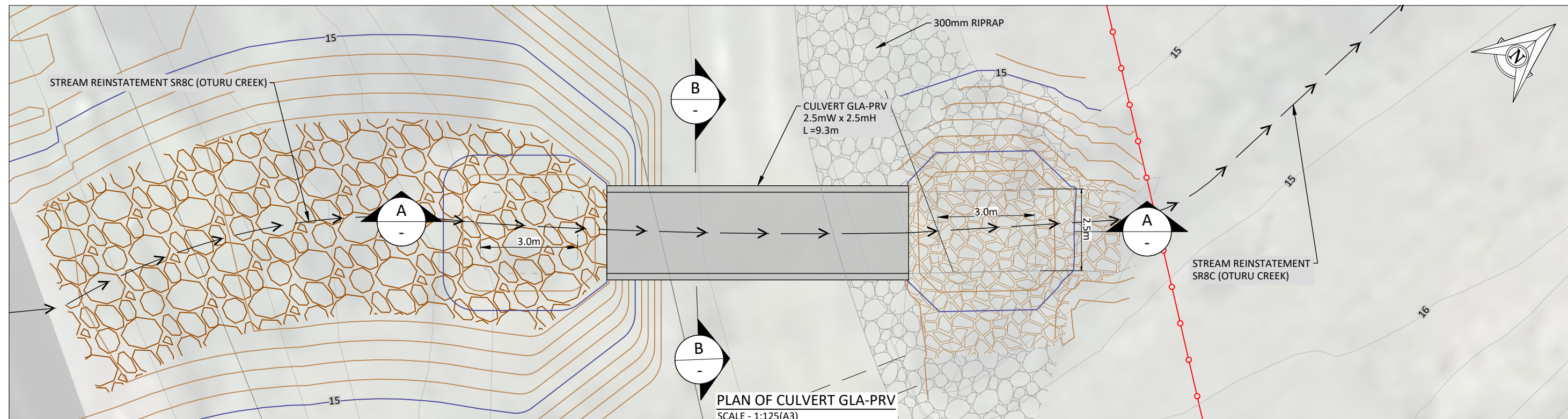
STATUS	PRELIMINARY
DATE	05.05.2023
DRAWING NUMBER	144702-00-2134
SCALE (ORIGINAL SIZE A3)	AS SHOWN
REVISION	F

100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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C:\226\data\10.7.120_A\144702 - Takitimu North Link Stage 2_509003 Drawings\00144702-00-2137.dwg 28/7/2025 4:24 pm spm1 Plotted: 28 Jul 2025 4:24 pm



1:125 (A3) 0 2.5 5 7.5m

DESIGNED BS				CHECKED EV				DRAWN PK				APPROVED EV			
B				30.07.2025				FTAA APPLICATION				SAP			
A				01.07.2025				FTAA APPLICATION - DRAFT				EV			
DATE				ISSUE/REVISION DETAIL				BY				CHK			
Version 4.0 - March 2020															

bbo		NZ TRANSPORT AGENCY WAKA KOTAHĪ		PROJECT TAKITIMU NORTH LINK STAGE 2		DRAWING CULVERT GLA-PRV PLAN AND CROSS-SECTION		STATUS PRELIMINARY	
								DATE 19.06.2025	
								SCALE (ORIGINAL SIZE A3) AS SHOWN	
								DRAWING NUMBER 144702-00-2137	
								REVISION B	

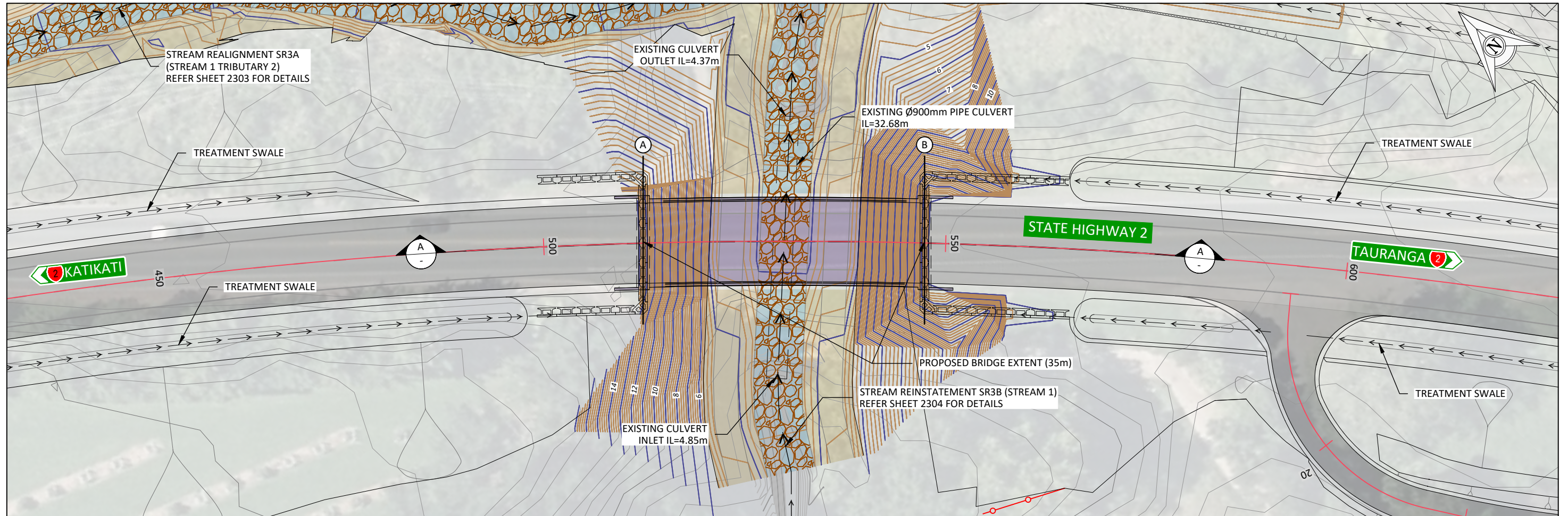
©copyright

100mm

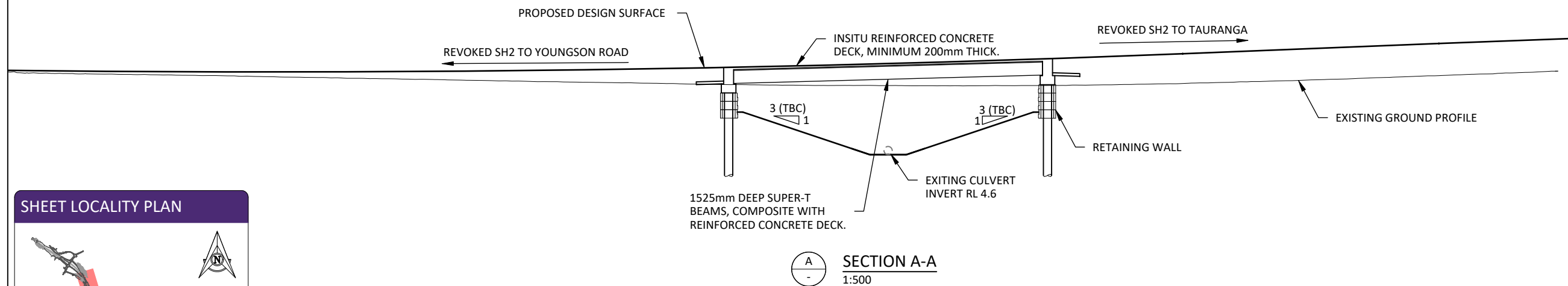
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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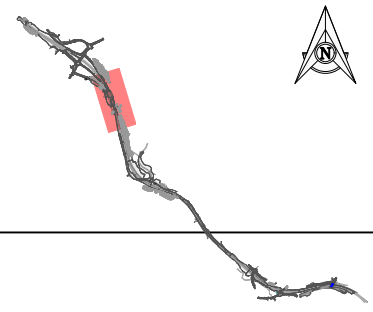


PLAN BRIDGE SH2-530
SCALE 1:500



SECTION A-A
1:500

SHEET LOCALITY PLAN



1:500 (A3) 0 10 20 30m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	
DATE		ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
JRL	EV
DRAWN	APPROVED
JRL	EV



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
BRIDGE SH2-530
(SH2 YOUNGSON BRIDGE 3)
PLAN AND CROSS-SECTION

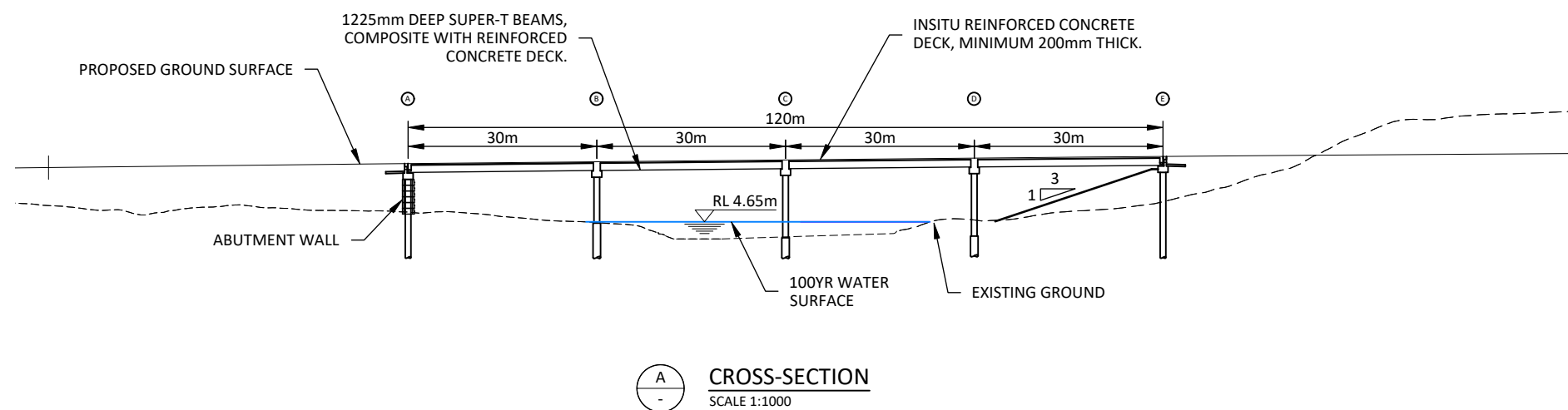
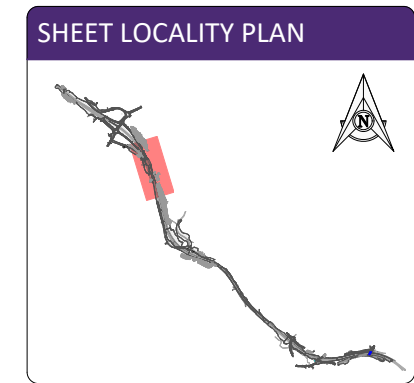
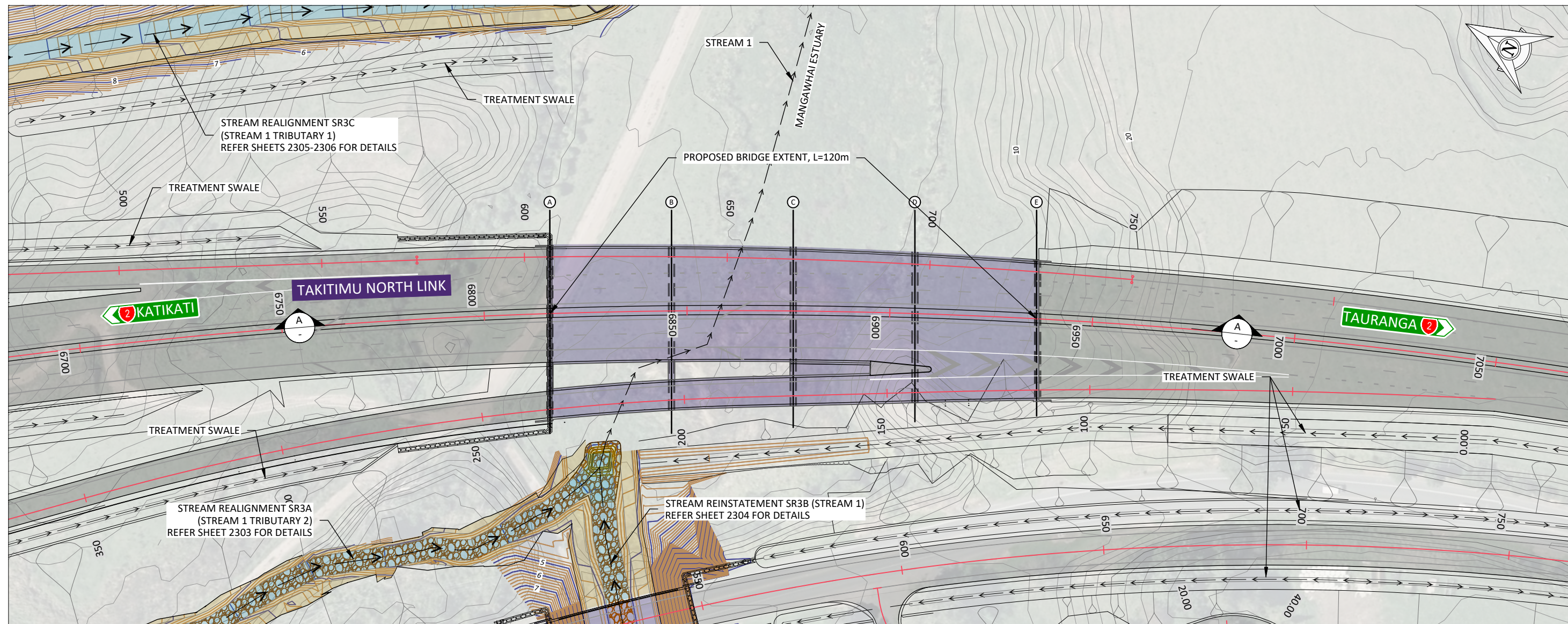
STATUS	PRELIMINARY
DATE	05.05.2023
DRAWING NUMBER	144702-00-2141
SCALE (ORIGINAL SIZE A3)	1:500
REVISION	F

100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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C:\226\drawings\10.7.120_A\144702 - Takitimu North Link Stage 2_509003 Drawings\00144702-00-2142.dwg 28/7/2025 4:31 pm spm1 Plotted: 28 Jul 2025 4:31 pm



1:1000 (A3) 0 20 40 60m

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E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	EV
DATE		ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
JRL	EV
DRAWN	APPROVED
JRL	EV



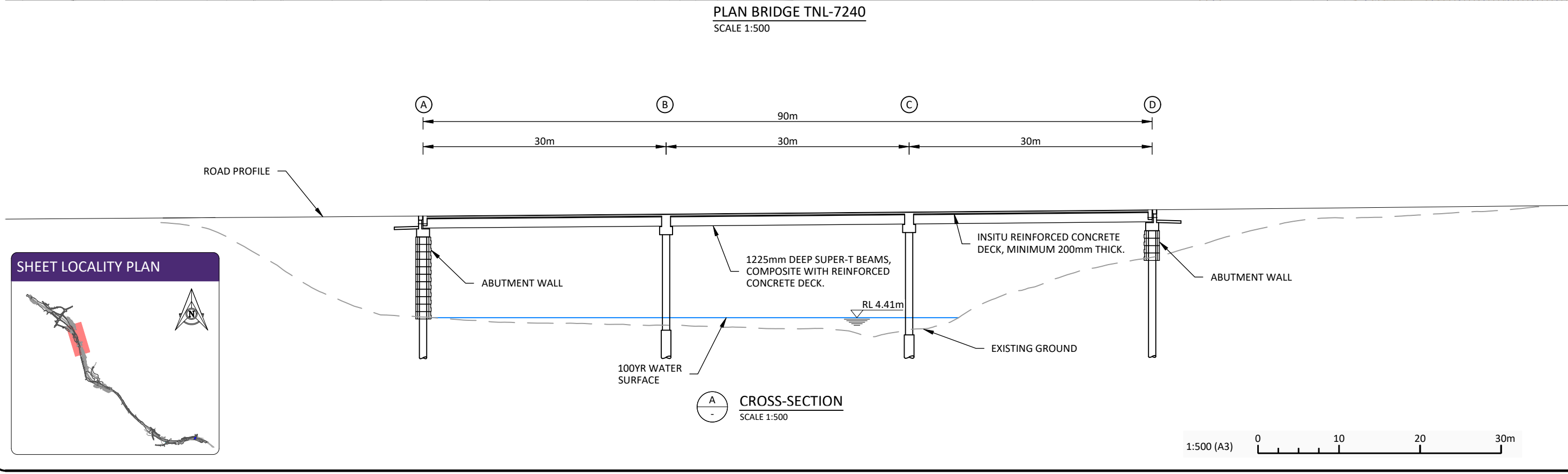
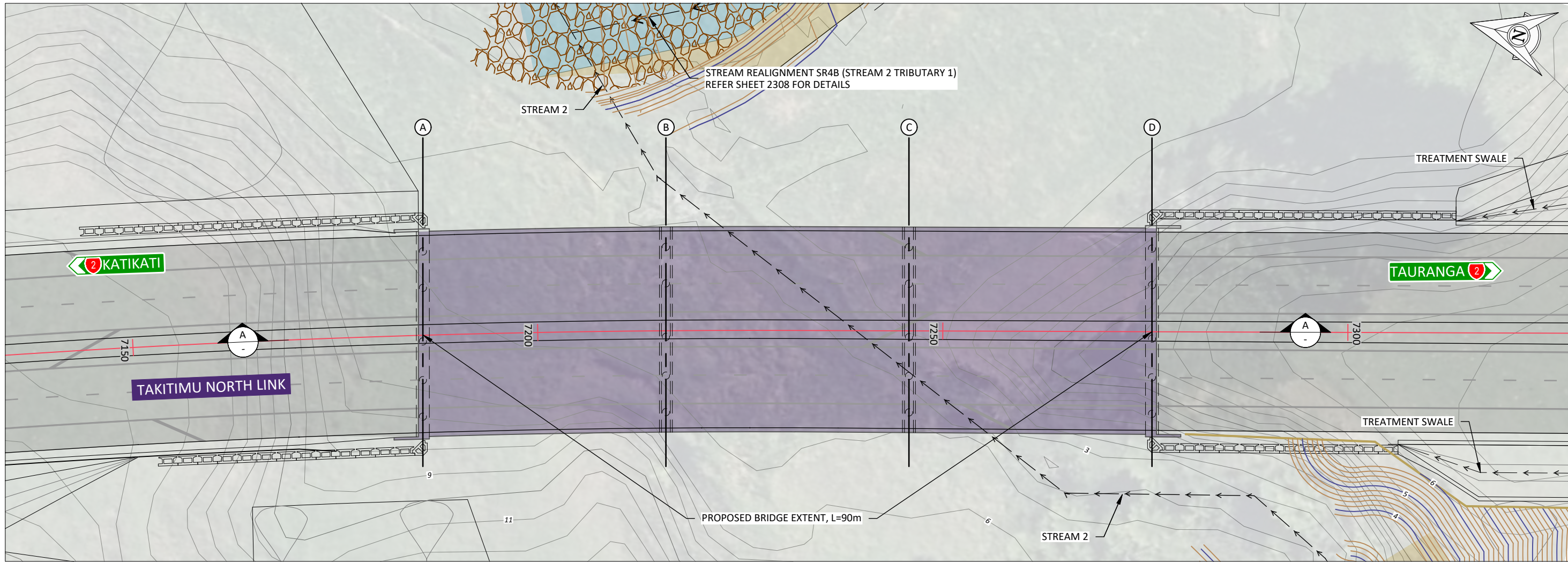
PROJECT
TAKITIMU NORTH LINK
STAGE 2

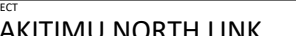
DRAWING
BRIDGE TNL-6870
(TNL 2 RAMP BRIDGE)
PLAN AND CROSS SECTION

STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) 1:1000
DRAWING NUMBER 144702-00-2142	REVISION F

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100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY
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Version 4.0 - March 2020



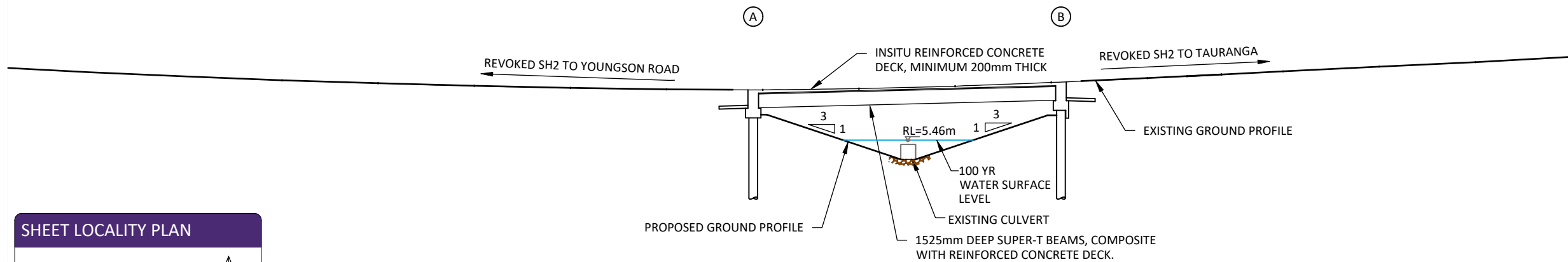
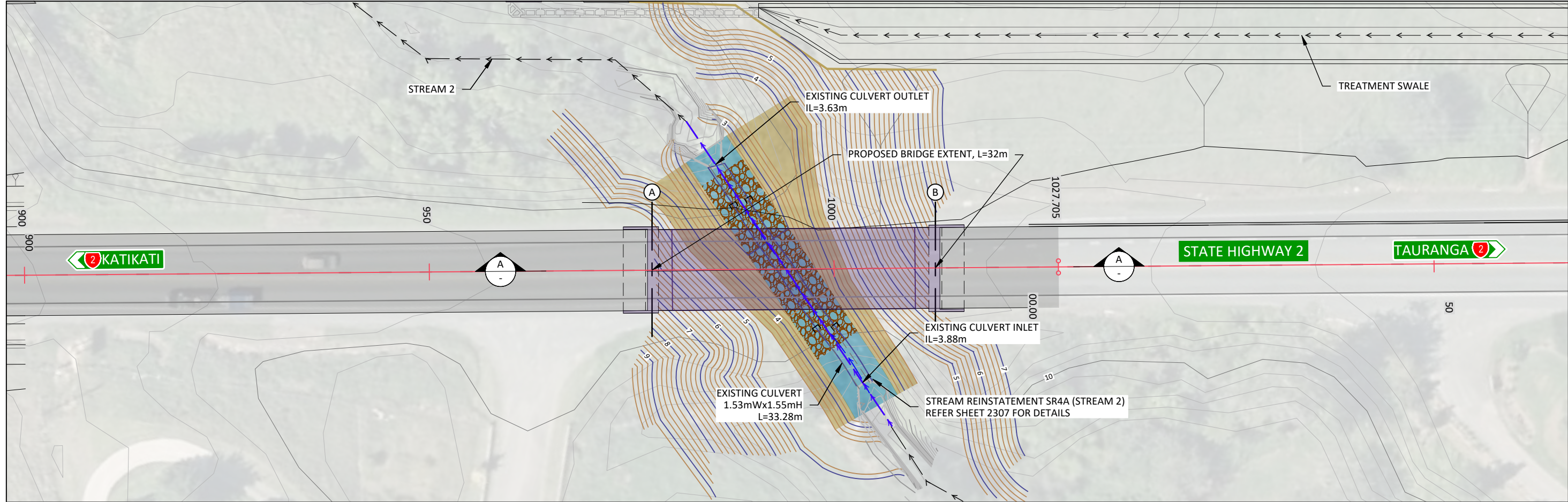
						DESIGNED		CHECKED						CLIENT TAKITIMU NORTH LINK STAGE 2		PROJECT BRIDGE TNL-7240 (TNL 2 GULLY BRIDGE) PLAN AND CROSS-SECTION		DRAWING BRIDGE TNL-7240 (TNL 2 GULLY BRIDGE) PLAN AND CROSS-SECTION		STATUS PRELIMINARY	
F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	JRL	EV														
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV	DRAWN	APPROVED EV														
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV																
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV																
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB																
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	EV																
		DATE	ISSUE/REVISION DETAIL			BY	CHK	APPR													

Version 4.0 - March 2020

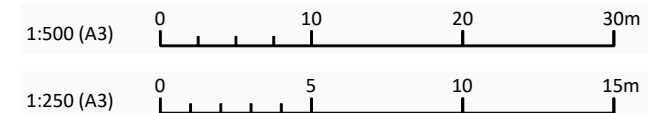
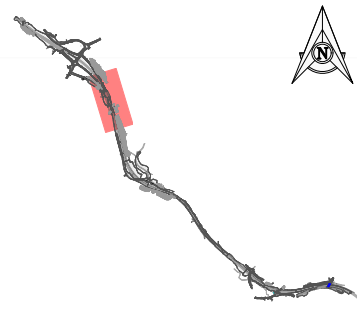
©copyright

100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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SHEET LOCALITY PLAN



C:\1345\data\107.120.14\144702 - Takitimu North Link Stage 2_5090\03 Drawing\00144702-00-2144.dwg 28/7/2025 4:38 pm spm1 Plotted: 28 Jul 2025 4:38 pm

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	CHECKED
F	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV	JRL	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	JRL	APPROVED
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB		
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV			
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR		



PROJECT
TAKITIMU NORTH LINK
STAGE 2

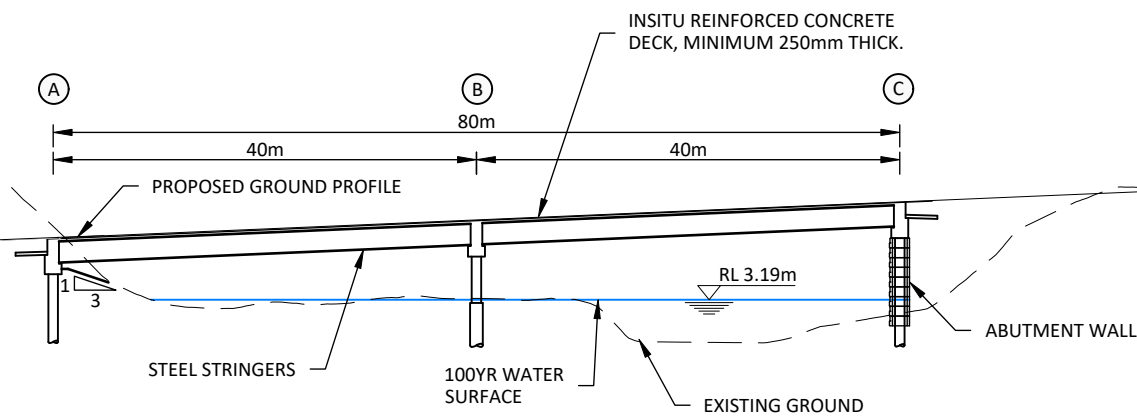
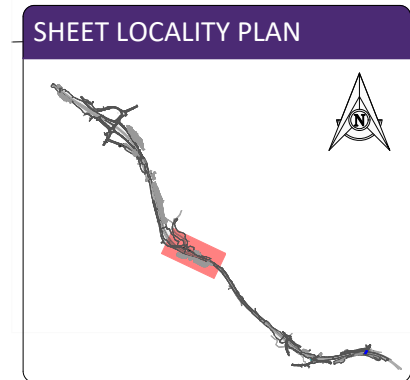
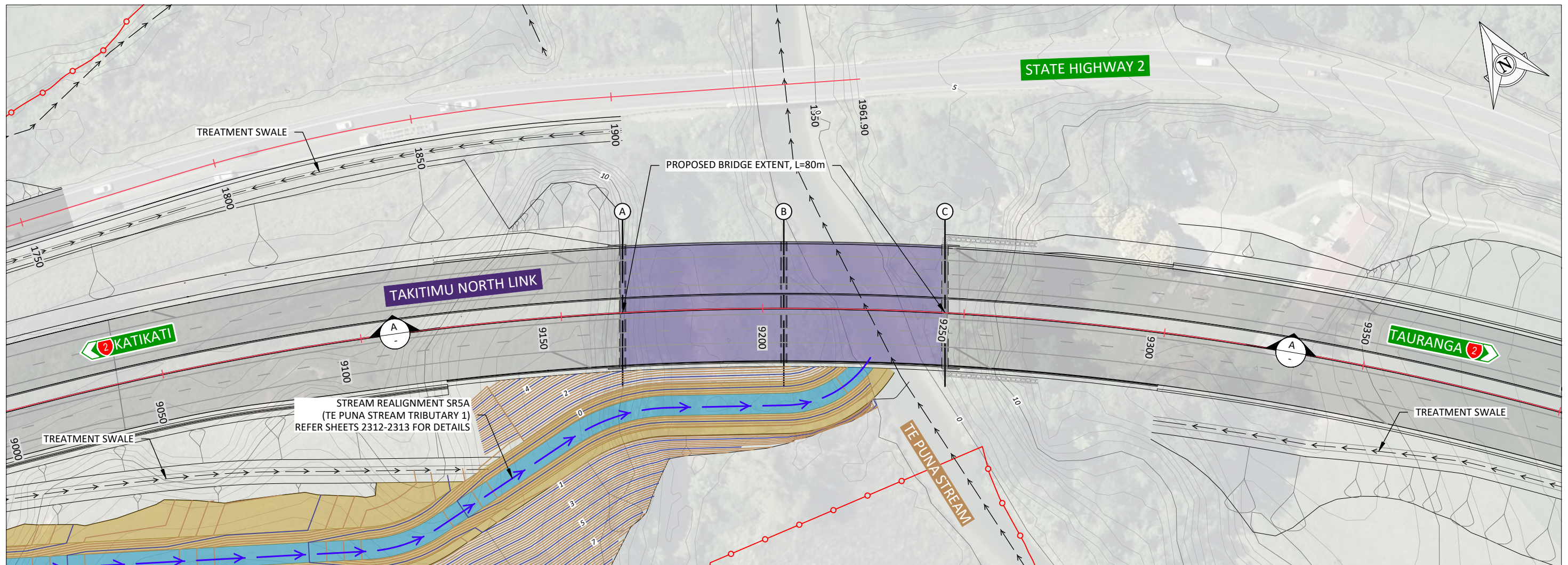
DRAWING
BRIDGE SH2-990
(SH2 YOUNGSON BRIDGE 2)
PLAN AND CROSS SECTION

STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) 1:250
DRAWING NUMBER 144702-00-2144	REVISION F

100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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C:\1245\data\107.120.141\144702 - Takitimu North Link Stage 2_5090\03 Drawing\00144702-00-2145.dwg 28/7/2025 4:40 pm spm1 Plotted: 28 Jul 2025 4:40 pm



1:1000 (A3) 0 20 40 60m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV	JRL	EV
F	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV	JRL	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	JRL	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	JRL	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB	JRL	EV
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV		JRL	EV
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR		

DESIGNED	CHECKED
JRL	EV
JRL	APPROVED
JRL	EV



CLIENT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
BRIDGE TNL-9210
(TE PUNA STREAM BRIDGE)
PLAN AND CROSS SECTION

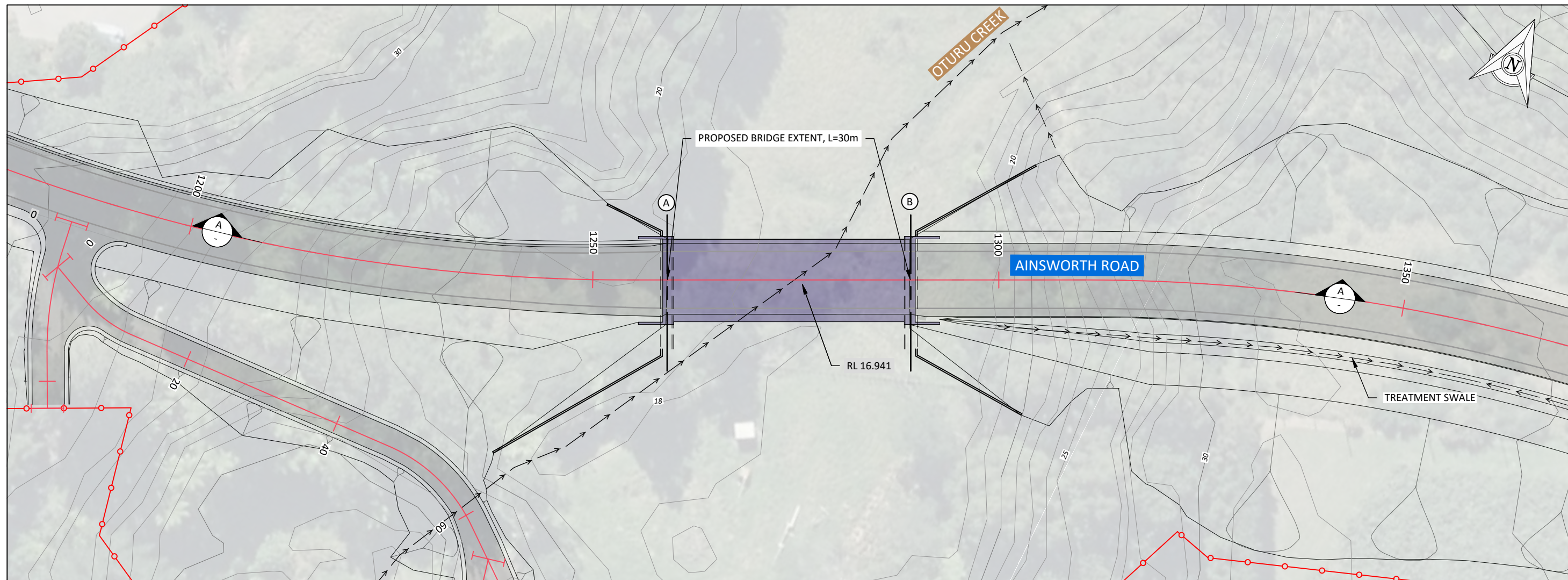
STATUS	PRELIMINARY
DATE	05.05.2023
DRAWING NUMBER	144702-00-2145
SCALE (ORIGINAL SIZE A3)	1:1000
REVISION	F

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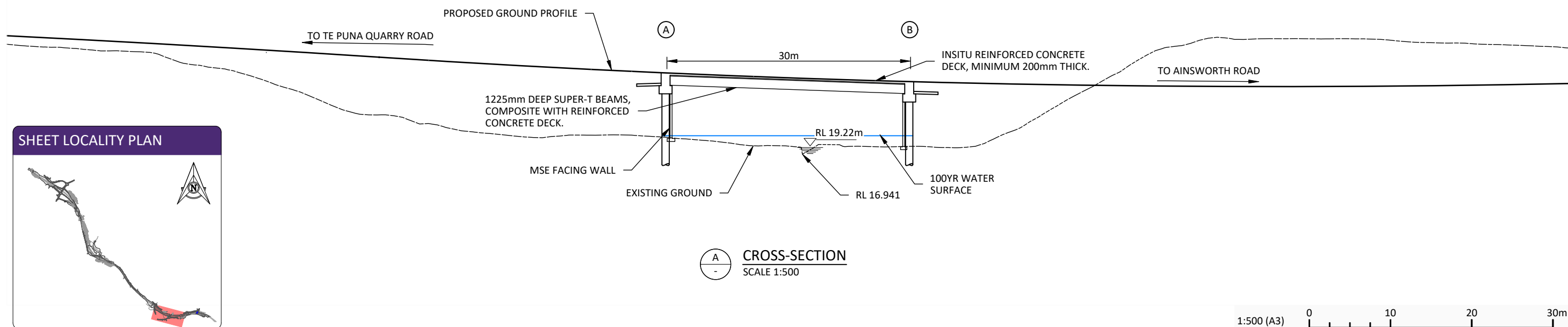
100mm

SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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PLAN - BRIDGE AIN-1275
SCALE 1:500



SHEET LOCALITY PLAN



1:500 (A3) 0 10 20 30m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
JRL	EV
DRAWN	APPROVED
JRL	EV



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
BRIDGE AIN-1275
(AINSWORTH ROAD BRIDGE)
PLAN AND CROSS-SECTION

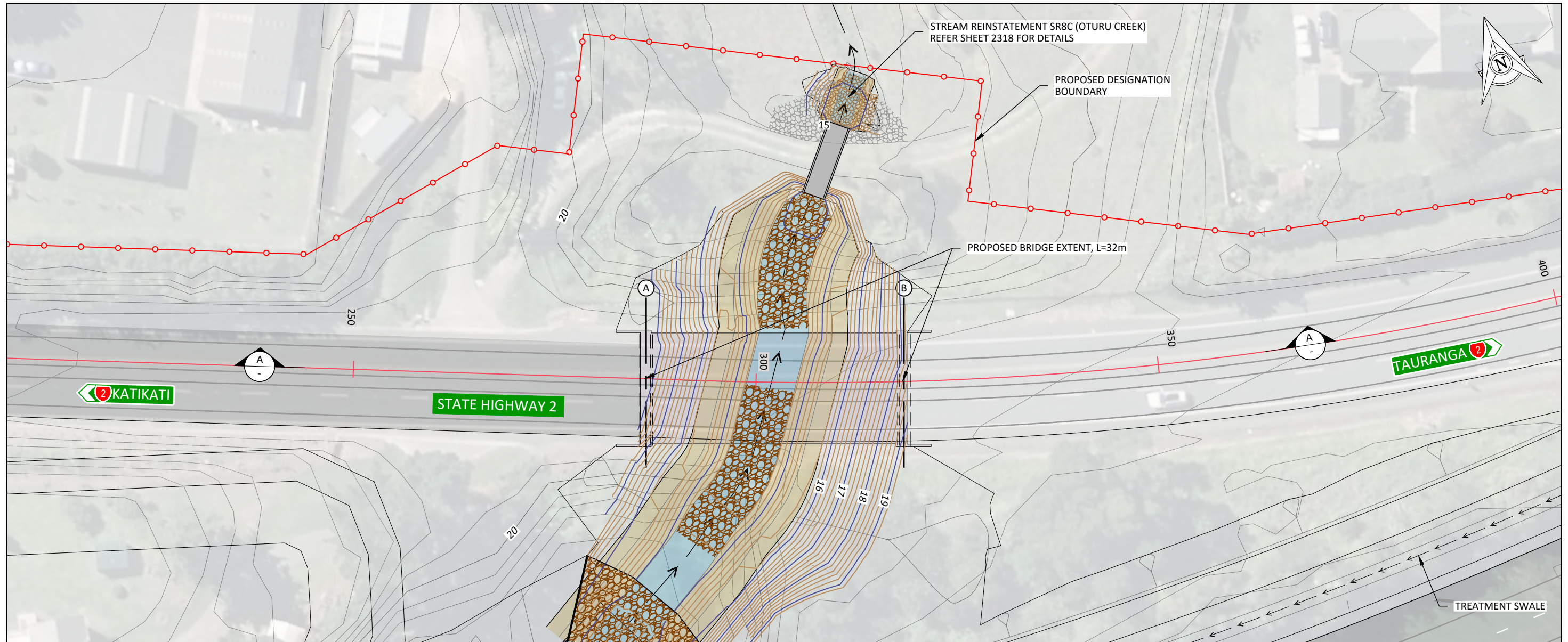
STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) 1:500
DRAWING NUMBER 144702-00-2146	REVISION F

100mm

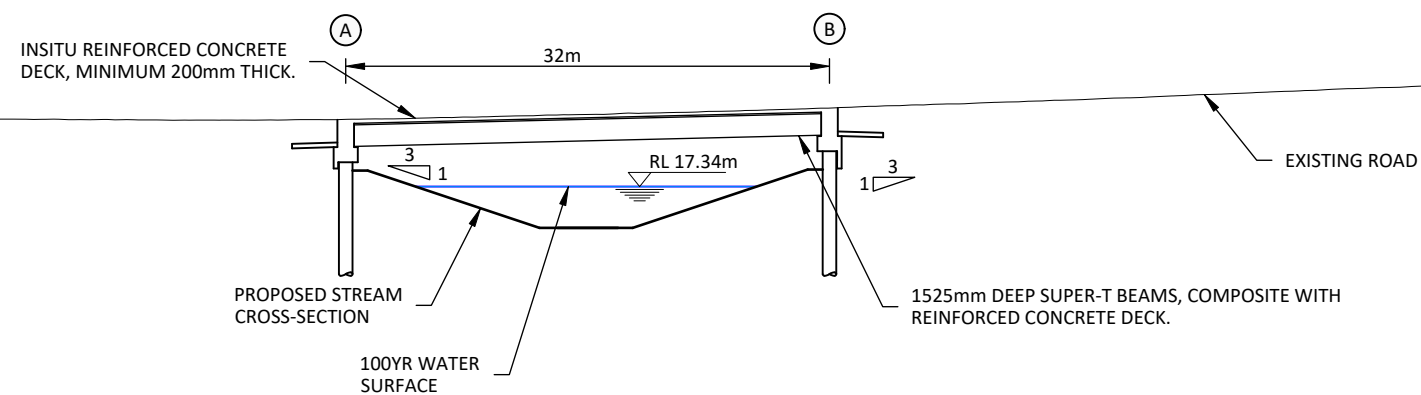
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY

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SHEET LOCALITY PLAN



1:500 (A3) 0 10 20 30m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
B	15.08.2024	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	EV
DATE		ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
JRL	EV
DRAWN	APPROVED
JRL	EV

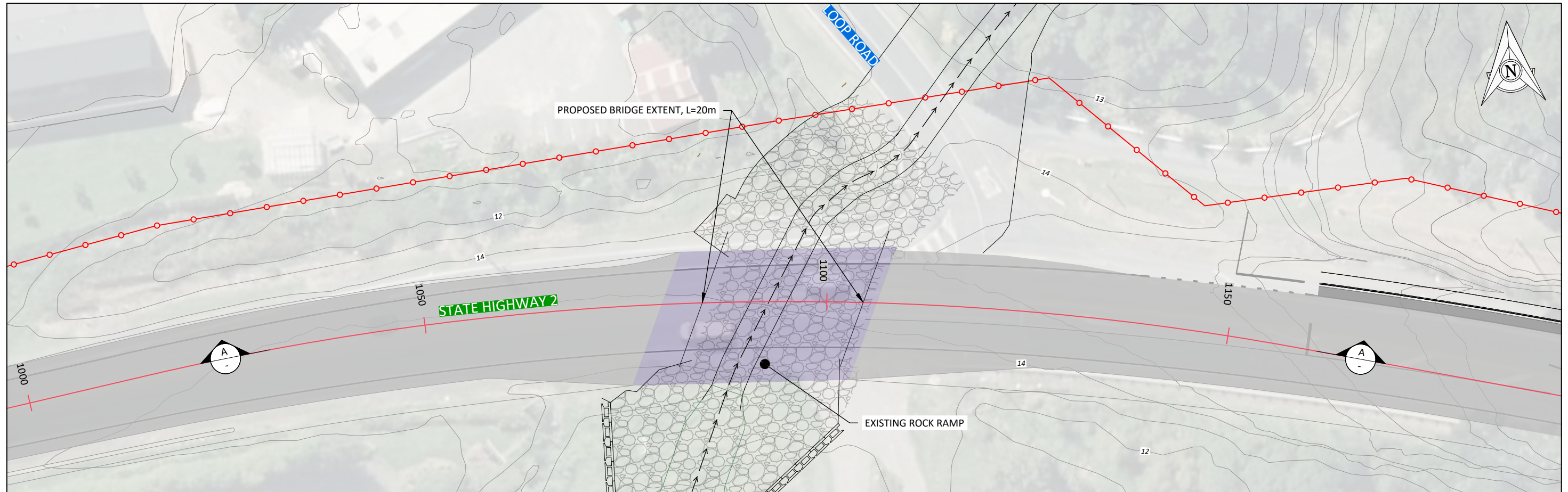


PROJECT
TAKITIMU NORTH LINK
STAGE 2

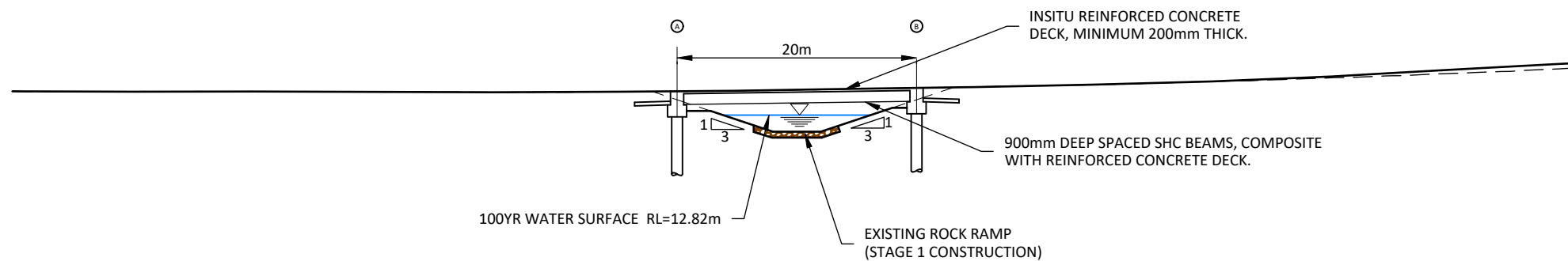
DRAWING
BRIDGE SH2-5380
(SH2 OTURU CREEK BRIDGE)
PLAN AND CROSS-SECTION

STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) 1:500
DRAWING NUMBER 144702-00-2147	REVISION F

100mm
SCALE FOR VALIDATING SIZE OF A3 PLOT ONLY



PLAN BRIDGE SH2-6170
SCALE 1:500



CROSS-SECTION
SCALE 1:500

SHEET LOCALITY PLAN



1:500 (A3) 0 10 20 30m

F	30.07.2025	FTAA APPLICATION	SAP	EV	EV
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	JRL	EV	SGB
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	JRL	EV	
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR

DESIGNED	CHECKED
JRL	EV
DRAWN	APPROVED
JRL	EV



PROJECT
TAKITIMU NORTH LINK
STAGE 2

DRAWING
BRIDGE SH2-6170
(SH2 OTURU TRIBUTARY BRIDGE)
PLAN AND CROSS SECTION

STATUS PRELIMINARY	
DATE 05.05.2023	SCALE (ORIGINAL SIZE A3) 1:500
DRAWING NUMBER 144702-00-2148	REVISION F

C:\2025\drawings\10-7120-A\144702 - Takitimu North Link Stage 2_509003 Drawings\00144702-00-2148.dwg 28/7/2025 4:49 pm spm1 Plotted: 28 Jul 2025 4:49 pm

Version 4.0 - March 2020

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