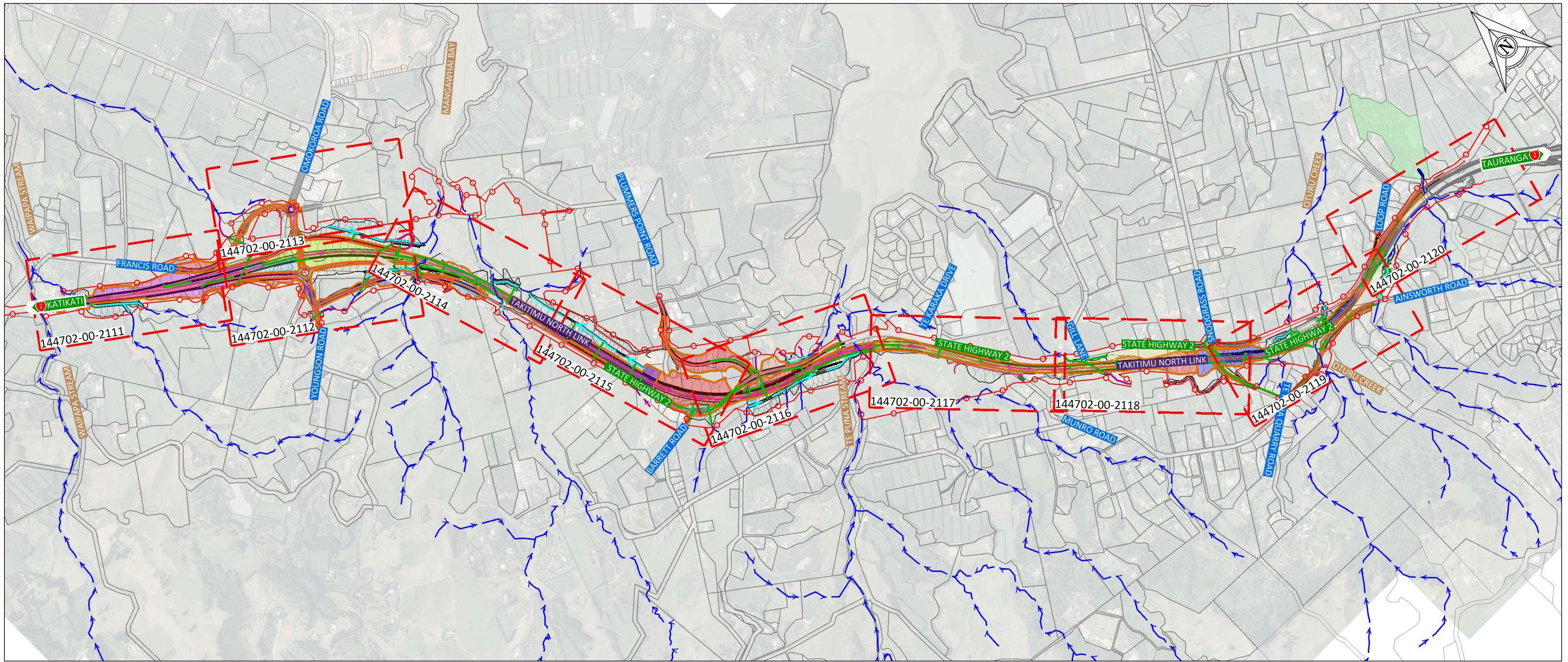


100mm

SCALE FOR VALIDATING SIZE OF A3 PILOT ONLY



C:\120\144702 -Takitimu North Link Stage 2 -5080\03 Drawing\00\144702-00-2110.dwg 12/12/2025 11:48 am Plot Pictured: 12 Dec 2025 11:48

KEY: STREAM REALIGNMENT

Design Cut Batter	Proposed Culverts
Design Fill Batter	Proposed Bridge
Berm	Proposed Open Drain/Swales
Existing Streams	Proposed Treatment Wetland
Existing Culverts	Proposed Attenuation Device
Drainage Ways	Proposed Attenuation and Treatment Wetland
Stream Realignment	

G	01.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	PK	CHECKED	EV
F	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV				
E	24.02.2025	UPDATE AFTER TNL-1 WESTERN TIE-IN RE-DESIGN	GK	EV	EV				
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN		APPROVED	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	SP			
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SB				
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	WT	EV	SB				
		DATE		ISSUE/REVISION	DETAIL				
				BY	CHK	APPR			

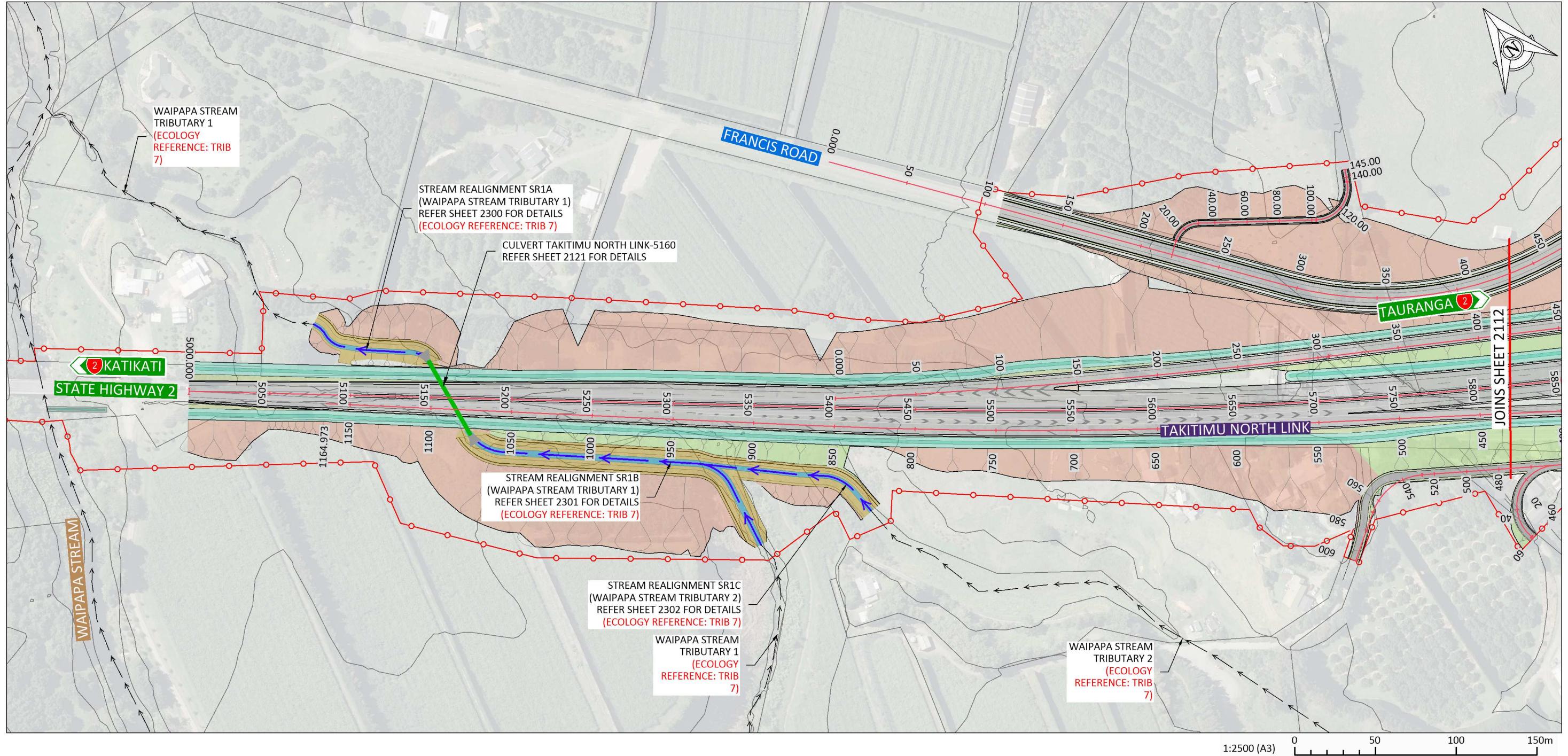


TAKITIMU NORTH LINK STAGE 2

STORMWATER MANAGEMENT
OVERVIEW PLAN

PRELIMINARY

DATE	03.03.2021	SCALE (ORIGINAL SIZE A3)	1:20000
DRAWING NUMBER	144702-00-2110	REVISION	G



SHEET LOCALITY PLAN



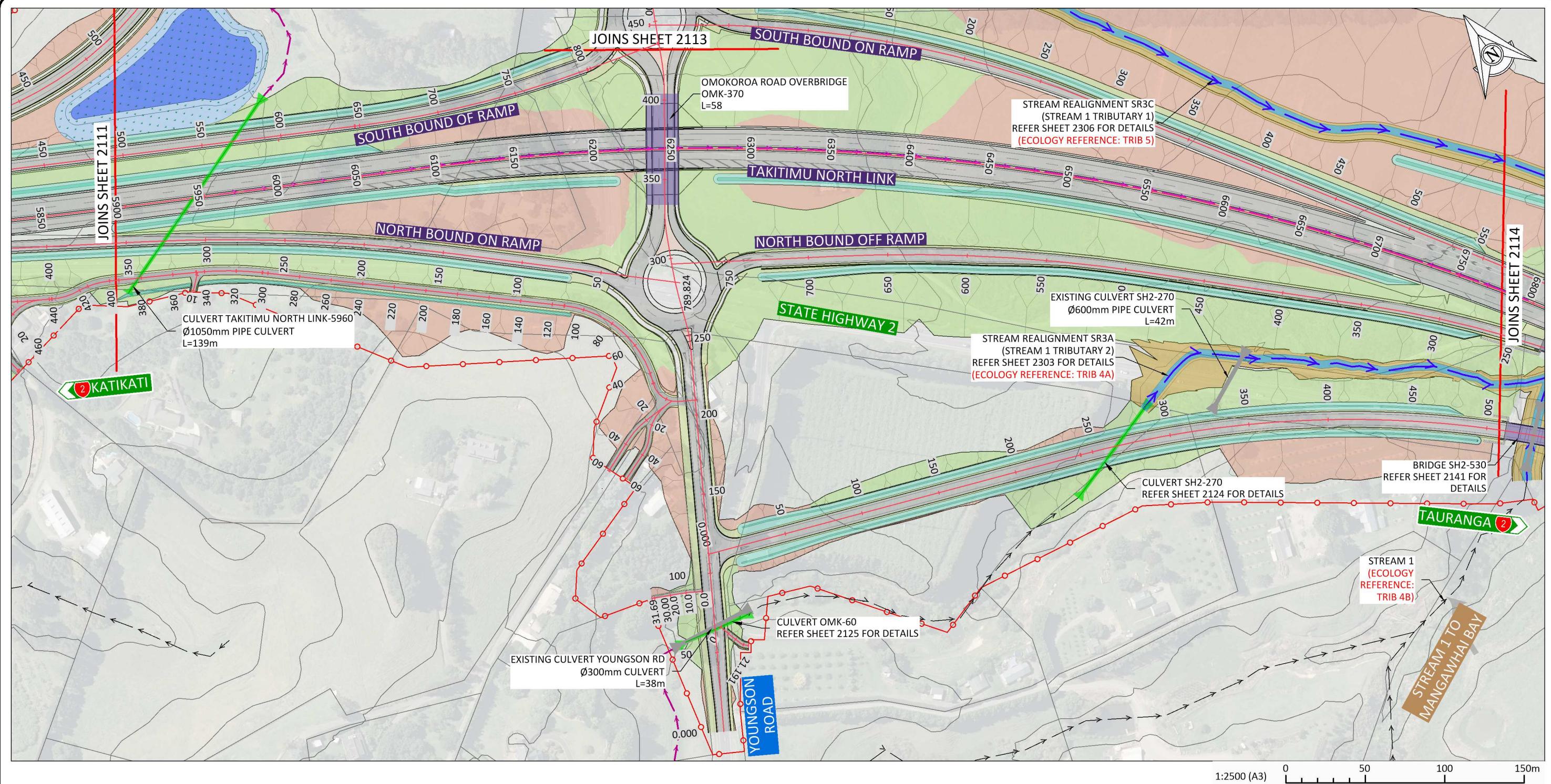
KEY: BOUNDARIES

- LEGAL BOUNDARIES
- PROPOSED DESIGNATION BOUNDARY

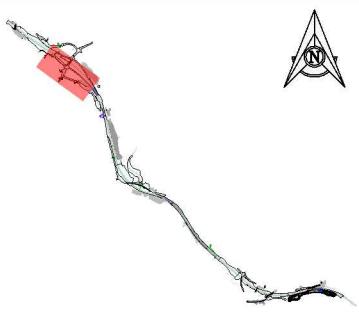
KEY: STREAM REALIGNMENT

- DESIGN CUT BATTER
- DESIGN FILL BATTER
- BERM
- EXISTING STREAMS
- EXISTING CULVERTS
- DRAINAGE WAYS
- PROPOSED CULVERTS
- PROPOSED BRIDGE
- PROPOSED OPEN DRAIN/SWALES
- PROPOSED TREATMENT WETLAND
- PROPOSED ATTENUATION DEVICE
- PROPOSED ATTENUATION AND TREATMENT WETLAND
- STREAM REALIGNMENT

Project Details										Status	
F 30.07.2025 FTAA APPLICATION										PRELIMINARY	
E 01.07.2025 FTAA APPLICATION - DRAFT										DATE 03.02.2022	
D 08.11.2024 CONSENT APPLICATION UPDATE ISSUE										SCALE (ORIGINAL SIZE A3) AS SHOWN	
C 29.04.2024 CONSENT APPLICATION ISSUE										DRAWING NUMBER 144702-00-2111	
B 15.08.2023 FINAL DRAFT SPECIMEN DESIGN										REVISION F	
A 01.06.2023 DRAFT SPECIMEN DESIGN ISSUE										DATE 01.06.2023	
DATE ISSUE/REVISION DETAIL										DRAWING NUMBER 144702-00-2111	



SHEET LOCALITY PLAN



KEY: BOUNDARIES

- LEGAL BOUNDARIES
- PROPOSED DESIGNATION BOUNDARY

KEY: STREAM REALIGNMENT

- DESIGN CUT BATTER
- DESIGN FILL BATTER
- BERM
- → EXISTING STREAMS
- EXISTING CULVERTS
- DRAINAGE WAYS
- STREAM REALIGNMENT
- PROPOSED CULVERTS
- PROPOSED BRIDGE
- PROPOSED OPEN DRAIN/SWALES
- PROPOSED TREATMENT WETLAND
- PROPOSED ATTENUATION DEVICE
- PROPOSED ATTENUATION AND TREATMENT WETLAND

F 30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	JL/GK	CHECKED
E 01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	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	PK/SP		EV
B 15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SGB			
A 01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	WT	EV	SGB			
DATE	ISSUE/REVISION DETAIL	WT	EV	APPR			



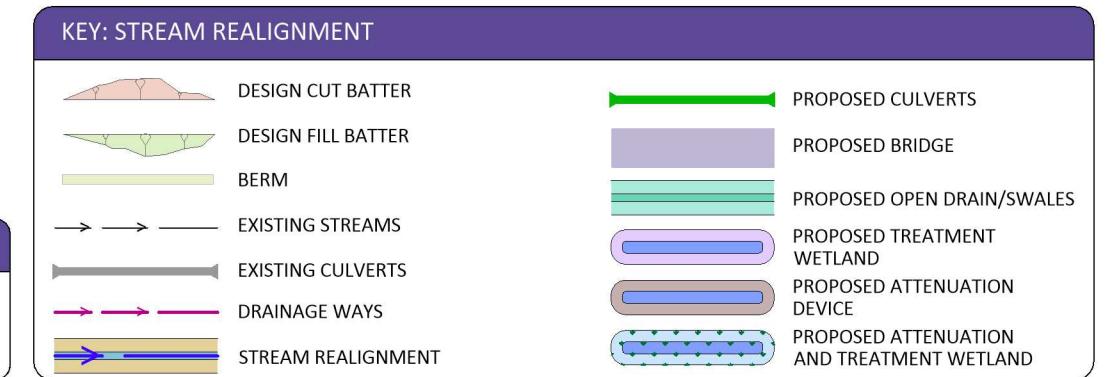
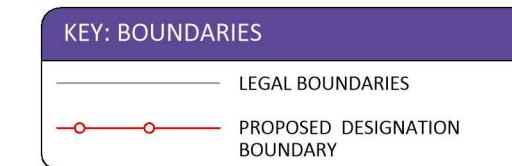
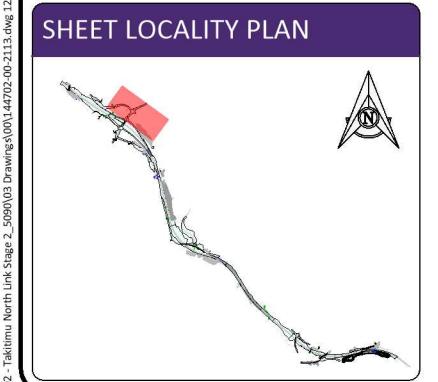
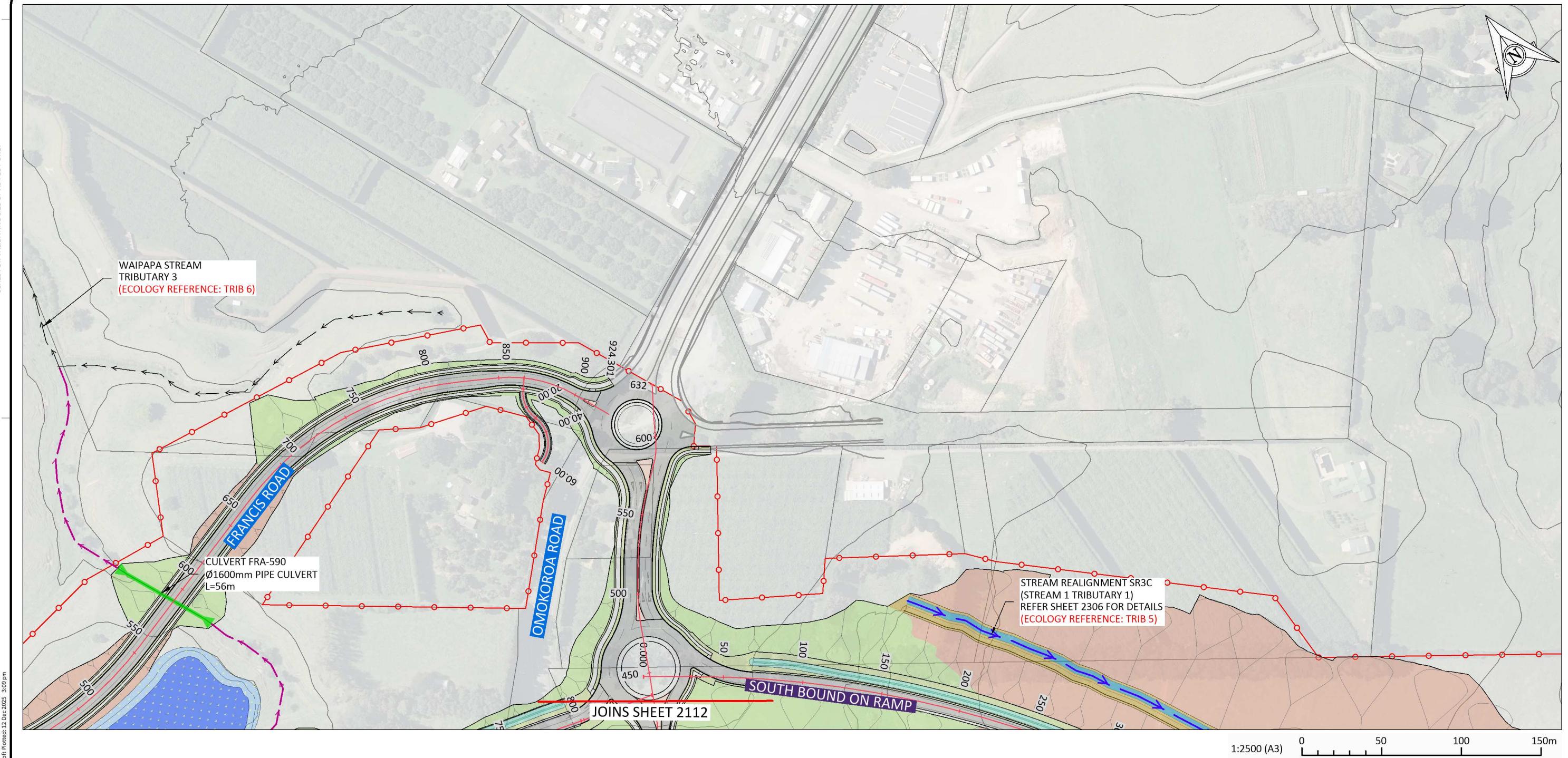
NZ TRANSPORT
AGENCY
WAKA KOTAH

mx model version:

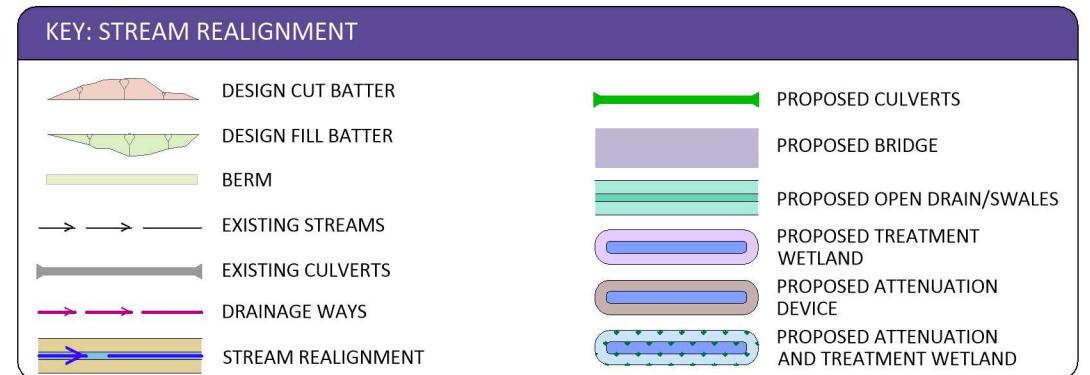
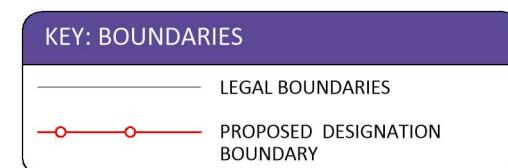
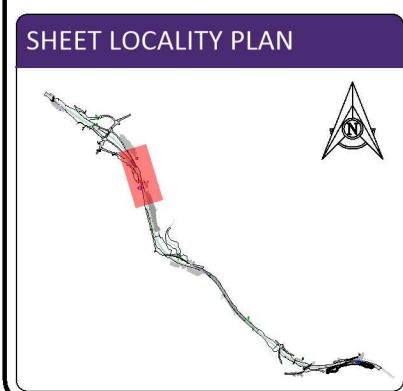
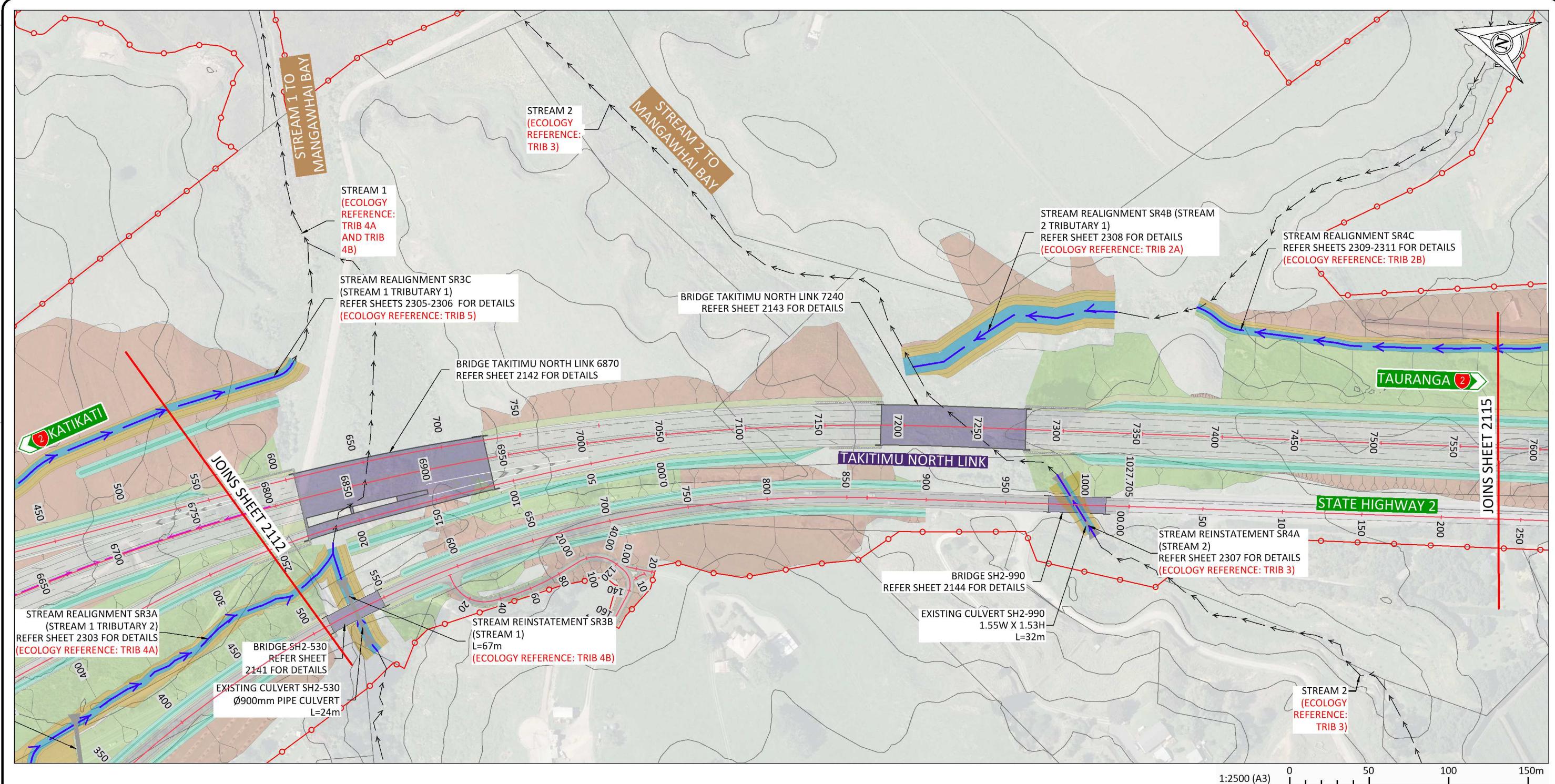
PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 2 OF 10

PRELIMINARY
DATE 03.02.2022 SCALE (ORIGINAL SIZE A3)
DRAWING NUMBER 144702-00-2112 AS SHOWN
REVISION F
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Project Details										Status	
TAKITIMU NORTH LINK STAGE 2										PRELIMINARY	
BRIDGES, CULVERTS AND STREAM REALIGNMENTS LAYOUT PLAN SHEET 3 OF 10										DATE	03.02.2022
DRAWING NUMBER										SCALE (ORIGINAL SIZE A3)	AS SHOWN
144702-00-2113										REVISION	F



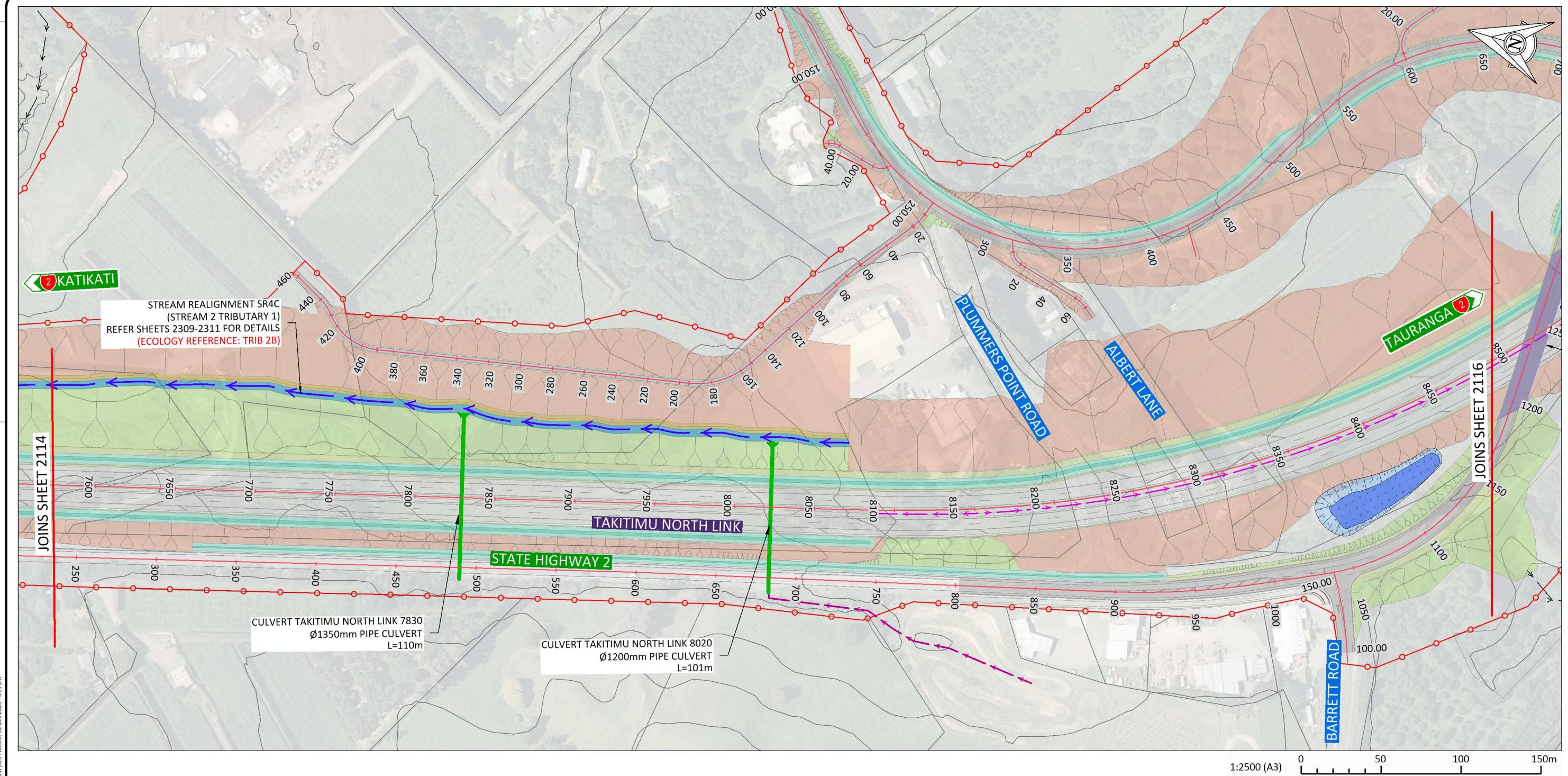
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E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	WT	EV
	DATE	ISSUE/REVISION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



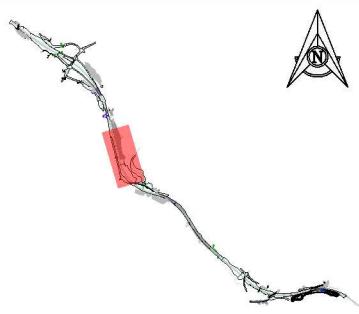
PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 4 OF 10

STATUS		PRELIMINARY	
DATE	03.02.2022	SCALE (ORIGINAL SIZE)	AS SHOWN
DRAWING NUMBER	144702-00-2114		
		REVISION	



SHEET LOCALITY PLAN



KEY: STREAM REALIGNMENT

	DESIGN CUT BATTER
	DESIGN FILL BATTER
	BERM
	EXISTING STREAMS
	EXISTING CULVERTS
	DRAINAGE WAYS
	PROPOSED CULVERTS
	PROPOSED BRIDGE
	PROPOSED OPEN DRAIN/SWALES
	PROPOSED TREATMENT WETLAND
	PROPOSED ATTENUATION DEVICE
	PROPOSED ATTENUATION AND TREATMENT WETLAND

KEY: BOUNDARIES

	LEGAL BOUNDARIES
	PROPOSED DESIGNATION BOUNDARY

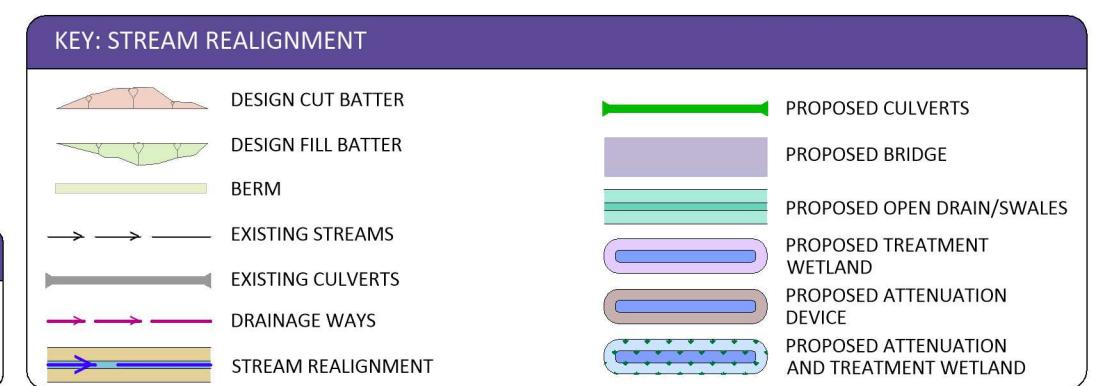
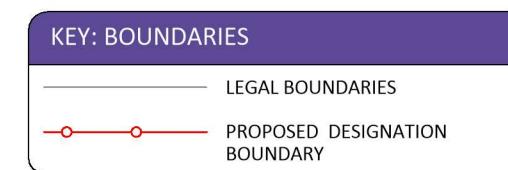
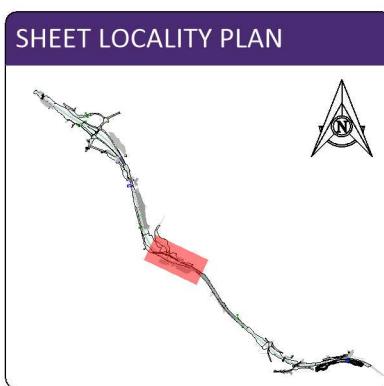
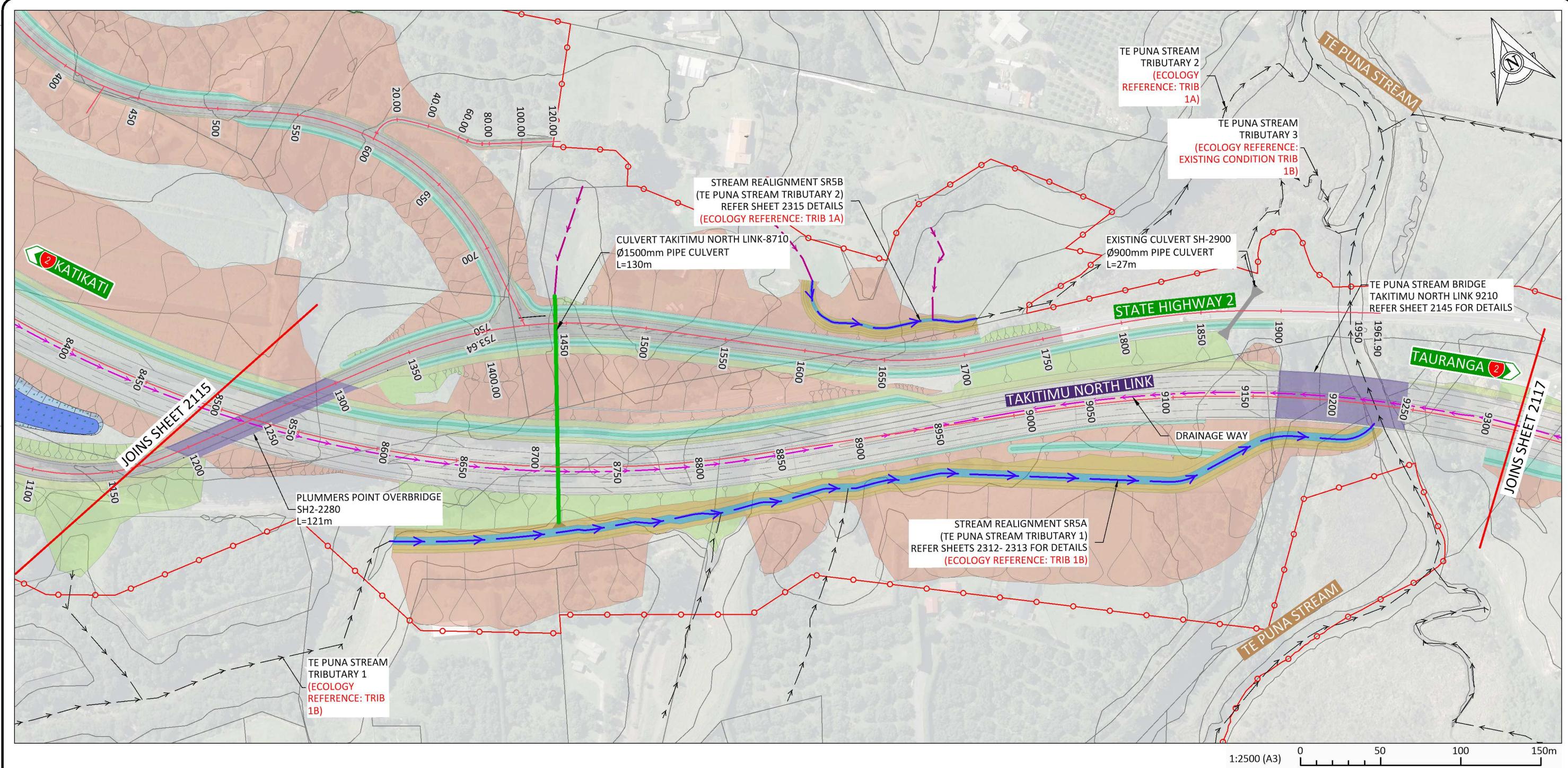
F 30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	JL/GK	CHECKED	EV
E 01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV				
D 08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN		APPROVED	EV
C 29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	PK/SP			
B 15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SGB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



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 5 OF 10

PRELIMINARY
DATE 03.02.2022
SCALE (ORIGINAL SIZE A3)
DRAWING NUMBER 144702-00-2115
REVISION F



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



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 6 OF 10

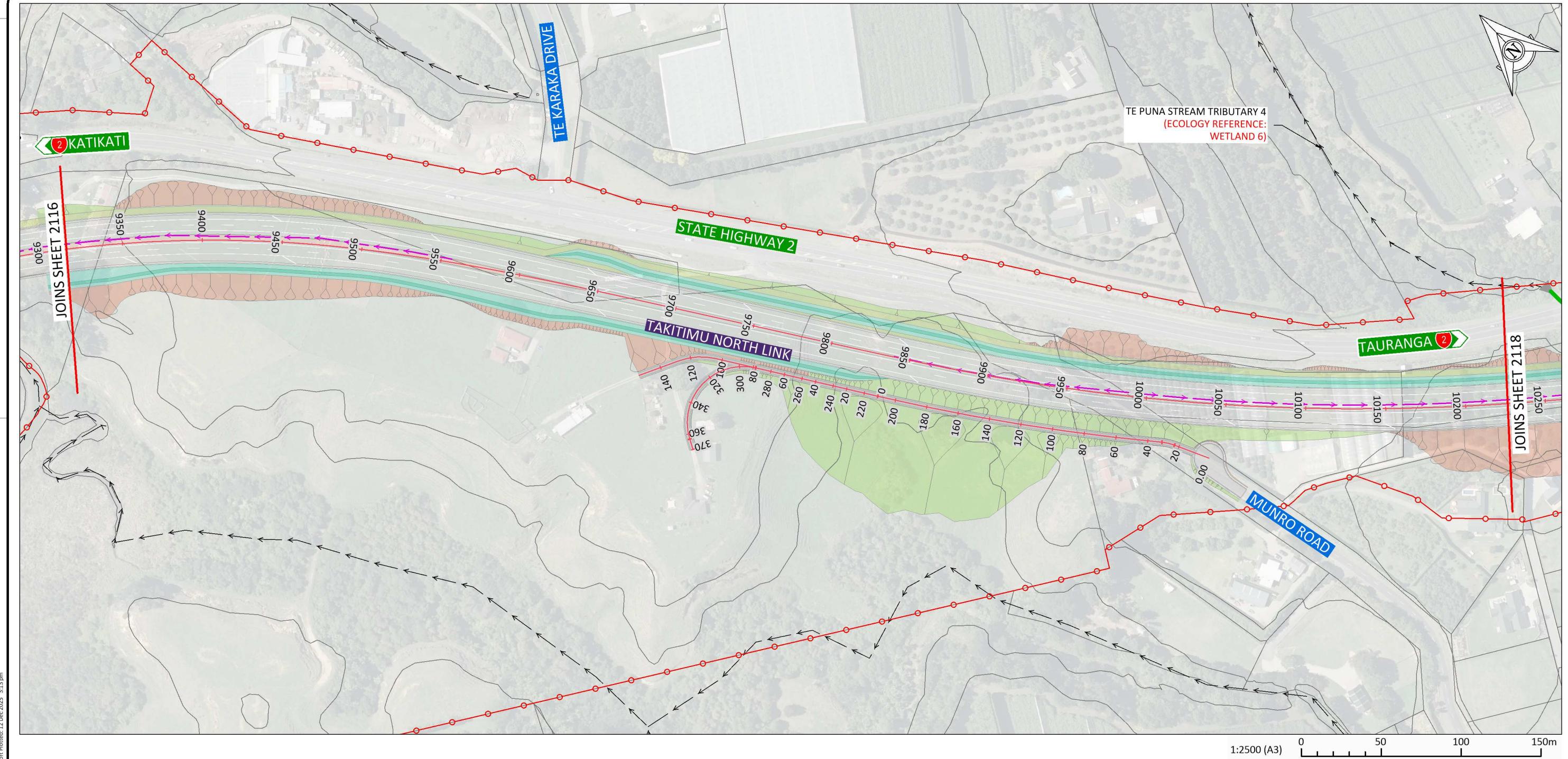
STATUS	PRELIMINARY	
DATE	03.02.2022	SCALE (ORIGINAL SIZE) AS SHOWN
DRAWING NUMBER	144702-00-2116	
		REVISION

SCALE FOR VALIDATING SIZE OF A3 PILOT ONLY

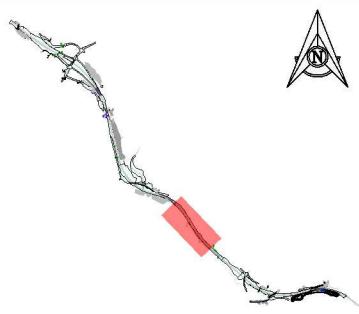
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100mm



SHEET LOCALITY PLAN



KEY: BOUNDARIES

- LEGAL BOUNDARIES
- PROPOSED DESIGNATION BOUNDARY

KEY: STREAM REALIGNMENT

- DESIGN CUT BATTER
- DESIGN FILL BATTER
- BERM
- EXISTING STREAMS
- EXISTING CULVERTS
- DRAINAGE WAYS
- STREAM REALIGNMENT
- PROPOSED CULVERTS
- PROPOSED BRIDGE
- PROPOSED OPEN DRAIN/SWALES
- PROPOSED TREATMENT WETLAND
- PROPOSED ATTENUATION DEVICE
- PROPOSED ATTENUATION AND TREATMENT WETLAND

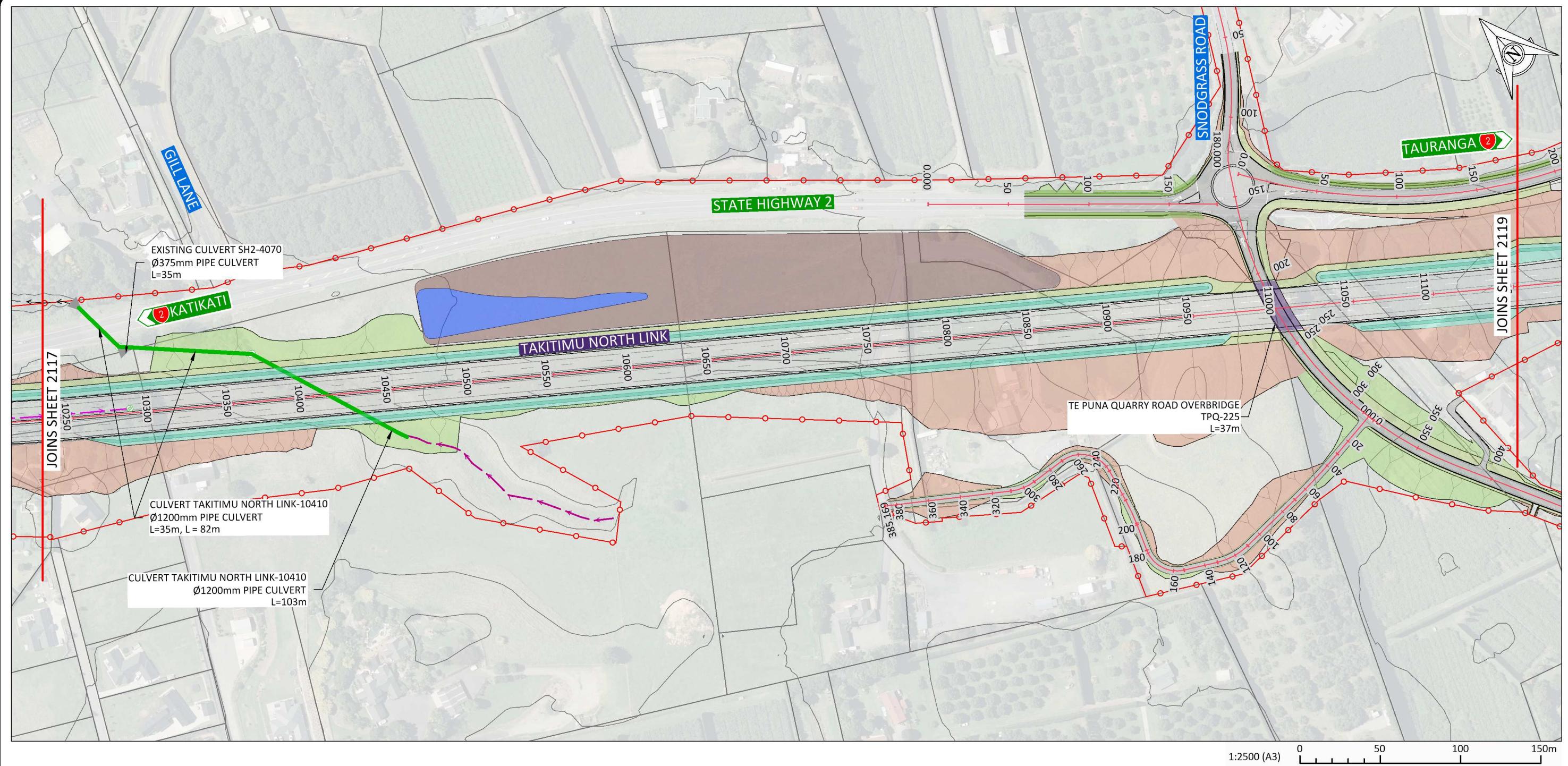
F	03.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	JL/GK	CHECKED	EV
E	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV				
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN		APPROVED	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	PK			
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SGB	mx model version:			
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	WT	EV					
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR				



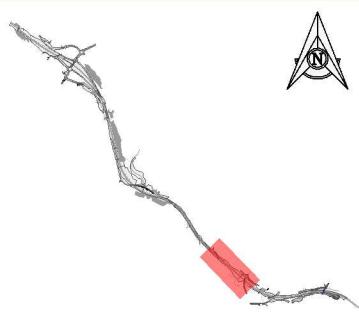
CLIENT
PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 7 OF 10

PRELIMINARY
DATE 03.02.2022
SCALE (ORIGINAL SIZE A3)
AS SHOWN
DRAWING NUMBER 144702-00-2117
REVISION F



SHEET LOCALITY PLAN



KEY: BOUNDARIES

- LEGAL BOUNDARIES
- PROPOSED DESIGNATION BOUNDARY

KEY: STREAM REALIGNMENT

- DESIGN CUT BATTER
- DESIGN FILL BATTER
- BERM
- EXISTING STREAMS
- EXISTING CULVERTS
- DRAINAGE WAYS
- STREAM REALIGNMENT
- PROPOSED CULVERTS
- PROPOSED BRIDGE
- PROPOSED OPEN DRAIN/SWALES
- PROPOSED TREATMENT WETLAND
- PROPOSED ATTENUATION DEVICE
- PROPOSED ATTENUATION AND TREATMENT WETLAND

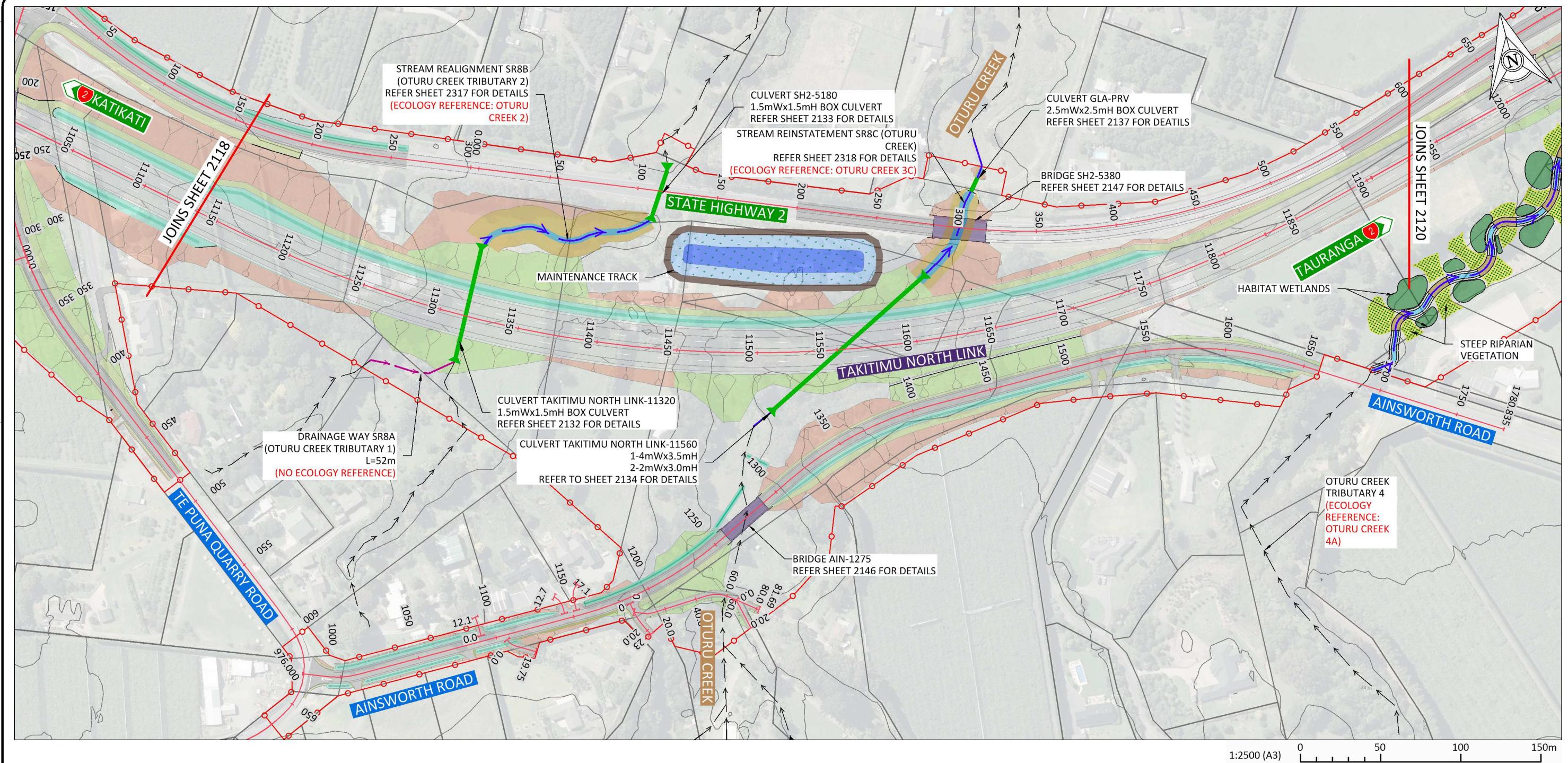
F 30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	JL/GK	CHECKED	EV
E 01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV				
D 08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN		APPROVED	EV
C 29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	PK			
B 15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SGB	mx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



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 8 OF 10

PRELIMINARY
DATE 03.02.2022
SCALE (ORIGINAL SIZE A3)
DRAWING NUMBER 144702-00-2118
REVISION F



SHEET LOCALITY PLAN



KEY: BOUNDARIES

- LEGAL BOUNDARIES
- PROPOSED DESIGNATION BOUNDARY

KEY: STREAM REALIGNMENT

- DESIGN CUT BATTER
- DESIGN FILL BATTER
- BERM
- EXISTING STREAMS
- EXISTING CULVERTS
- DRAINAGE WAYS
- PROPOSED CULVERTS
- PROPOSED BRIDGE
- PROPOSED OPEN DRAIN/SWALES
- PROPOSED TREATMENT WETLAND
- PROPOSED ATTENUATION DEVICE
- PROPOSED ATTENUATION AND TREATMENT WETLAND

G	30.07.2025	FTAA APPLICATION	SAP	EV	EV	DESIGNED	JL/GK	CHECKED	EV
F	01.07.2025	FTAA APPLICATION - DRAFT	SAP	EV	EV				
E	24.02.2025	UPDATE AFTER TNL-1 WESTERN TIE-IN RE-DESIGN	GK	EV	EV				
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE	SAP	EV	EV	DRAWN		APPROVED	EV
C	29.04.2024	CONSENT APPLICATION ISSUE	JRL	EV	EV	PK			
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN	WT	EV	SGB				
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE	WT	EV			mx model version:		
	DATE	ISSUE/REVISION DETAIL	BY	CHK	APPR				



CLIENT
PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 9 OF 10

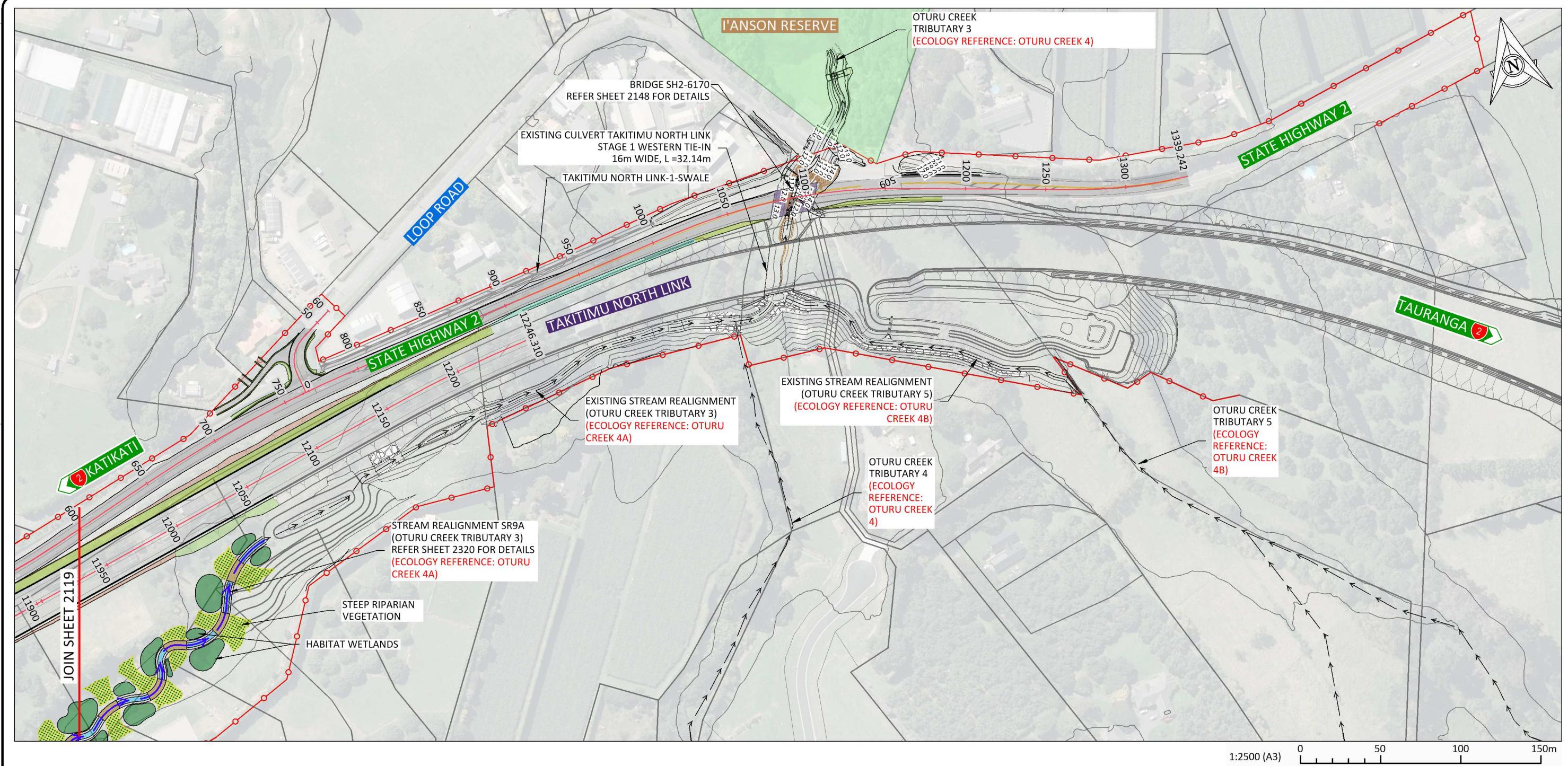
PRELIMINARY

DATE 03.02.2022

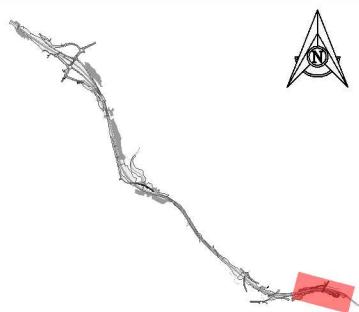
SCALE (ORIGINAL SIZE A3) AS SHOWN

DRAWING NUMBER 144702-00-2119

REVISION G



SHEET LOCALITY PLAN



KEY: BOUNDARIES

LEGAL BOUNDARIES

PROPOSED DESIGNATION BOUNDARY

KEY: STREAM REALIGNMENT

The legend is divided into two columns. The left column lists features with their corresponding symbols: DESIGN CUT BATTER (orange trapezoid), DESIGN FILL BATTER (green trapezoid), BERM (light green horizontal bar), EXISTING STREAMS (black arrow over a line), EXISTING CULVERTS (grey horizontal bar), DRAINAGE WAYS (pink arrow over a line), and STREAM REALIGNMENT (blue arrow over a yellow horizontal bar). The right column lists structures with their corresponding symbols: PROPOSED CULVERTS (green horizontal bar), PROPOSED BRIDGE (purple horizontal bar), PROPOSED OPEN DRAIN/SWALES (teal horizontal bar), PROPOSED TREATMENT WETLAND (blue rounded rectangle), PROPOSED ATTENUATION DEVICE (blue rounded rectangle with dots), and PROPOSED ATTENUATION AND TREATMENT WETLAND (blue rounded rectangle with dots and a green arrow).

G	30.07.2025	FTAA APPLICATION
F	01.07.2025	FTAA APPLICATION - DRAFT
E	24.02.2025	UPDATE AFTER TNL-1 WEATHER TIE-IN R
D	08.11.2024	CONSENT APPLICATION UPDATE ISSUE
C	29.04.2024	CONSENT APPLICATION ISSUE
B	15.08.2023	FINAL DRAFT SPECIMEN DESIGN
A	01.06.2023	DRAFT SPECIMEN DESIGN ISSUE
	DATE	ISSUE/REVISION DETAIL



PROJECT
TAKITIMU NORTH LINK STAGE 2

DRAWING
BRIDGES, CULVERTS AND
STREAM REALIGNMENTS
LAYOUT PLAN
SHEET 10 OF 10

PRELIMINARY

02 2022 AS SHOWN

NUMBER _____ REVISI

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