



REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

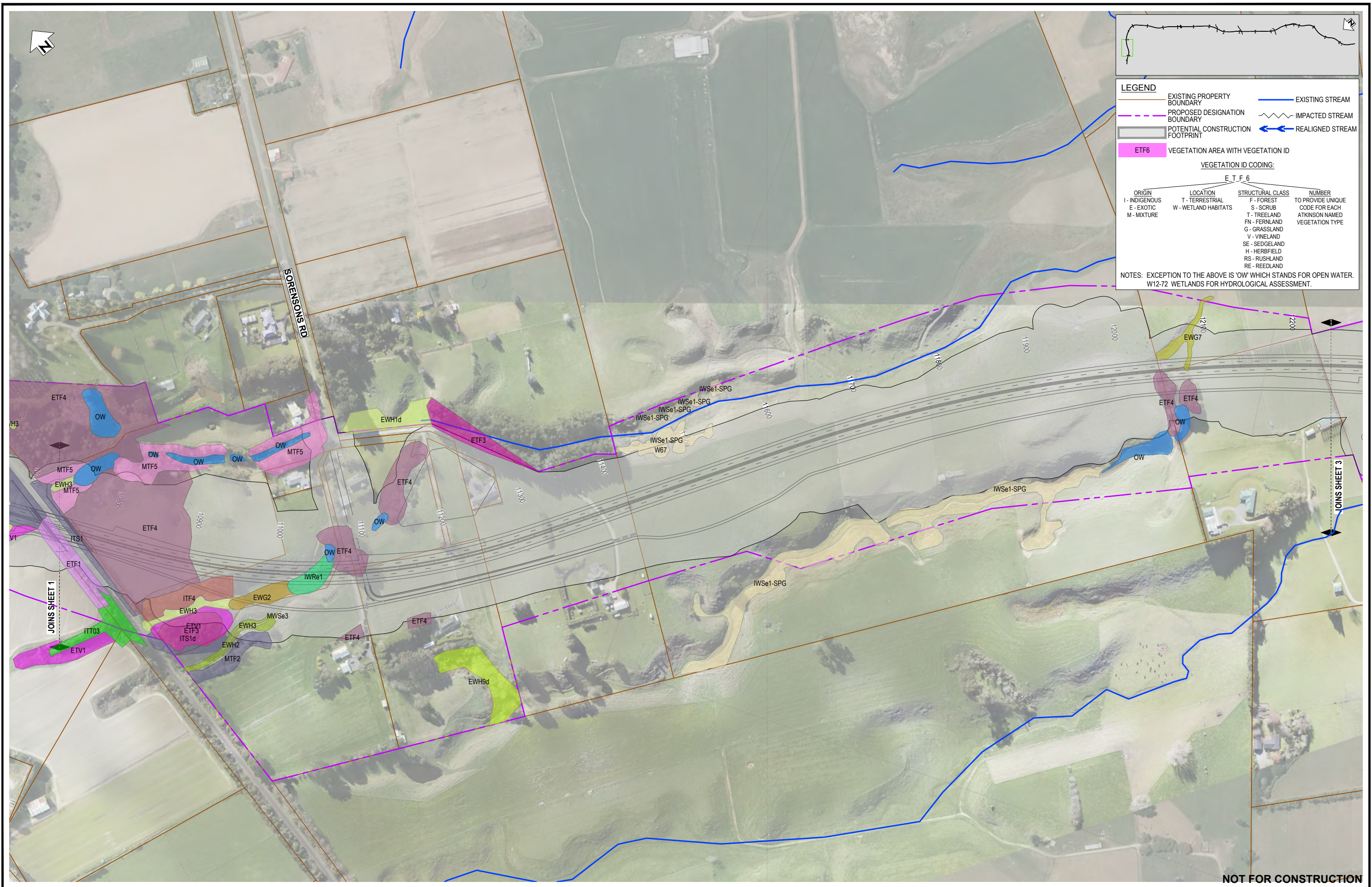
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION:
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 1

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1000
Rev.	B



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 2

Status Stamp: **FOR CONSENT**

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1001

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN	CHK	APP
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.2022	MH	NG	JP
A	ISSUED FOR RMA CONSENT	19.08.22	SS	NG	JP

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 3

Status Stamp

FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1002

Rev: **B**



REV	DESCRIPTION	DATE	BY	CHK	APP
C	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	29.11.23	MN	GL	JE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.22	MH	NG	JP
A	ISSUED FOR RMA CONSENT	19.08.22	SS	NG	JP

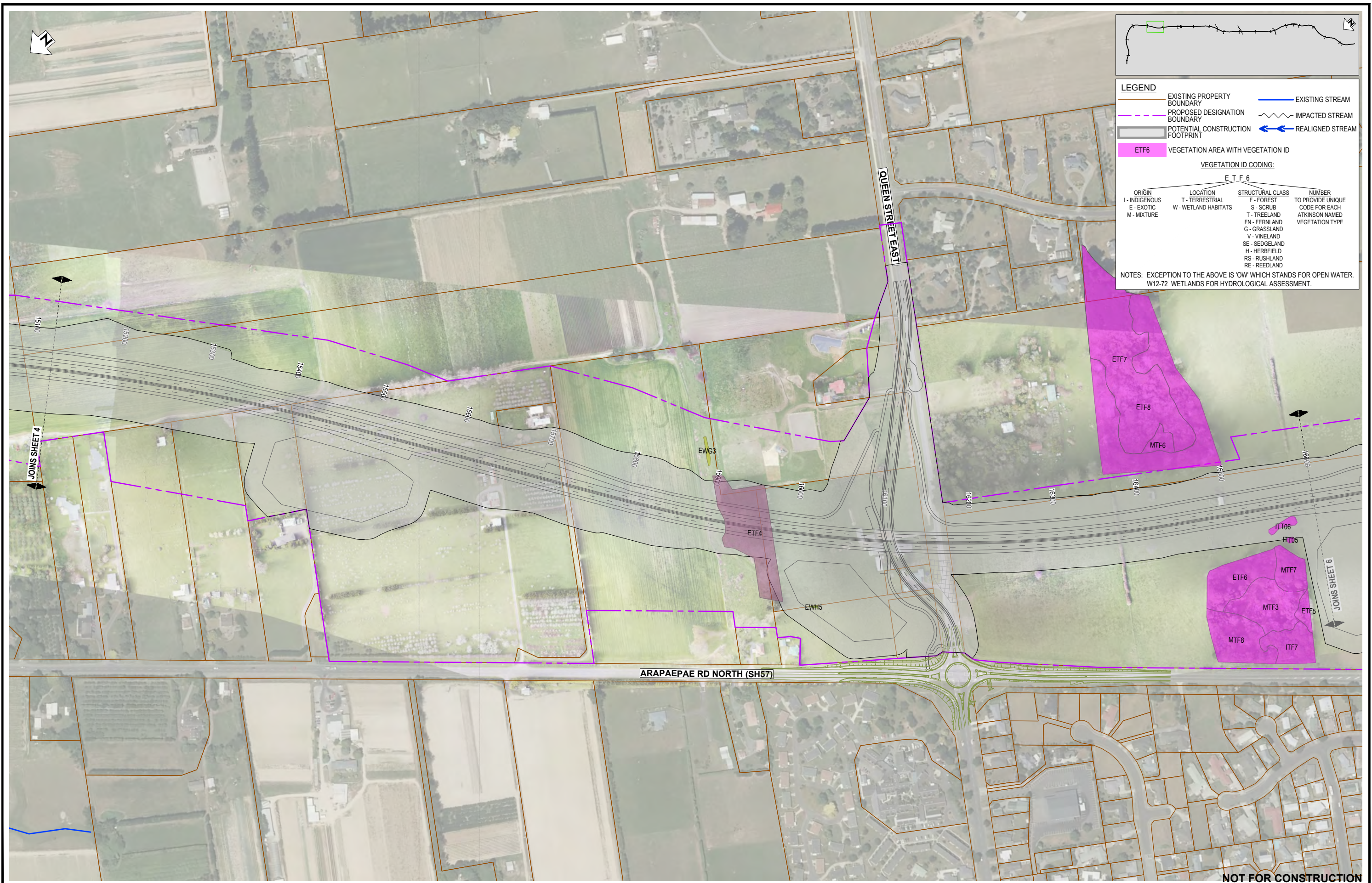
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jon England
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	29.11.23

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 4

Status Stamp	FOR CONSENT
Date Stamp	29.11.23
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1003
Rev.	C



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

REV	DESCRIPTION	DATE	DRN	CHK	APP
C	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	29.11.23	MN	GL	JE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.22	MH	NG	JP
A	ISSUED FOR RMA CONSENT	19.08.22	SS	NG	JP

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jon England
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	29.11.23

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 5

Status Stamp

FOR CONSENT

Date Stamp: 29.11.23

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1004

Rev: C



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DRN	CHK	APP	DATE
C	EAST-WEST ARTERIAL DESIGN REMOVED	BH	NG	JP	19.10.22
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	MH	NG	JP	10.10.22
A	ISSUED FOR RMA CONSENT	SS	NG	JP	19.08.22

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	19.10.22

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 6

Status Stamp	FOR CONSENT
Date Stamp	19.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1005
Rev.	C



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 7

Status Stamp: **FOR CONSENT**

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: **310203848-01-750-C1006**

Rev: **B**



NOT FOR CONSTRUCTION

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 8

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1007
Rev.	B



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER.
W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
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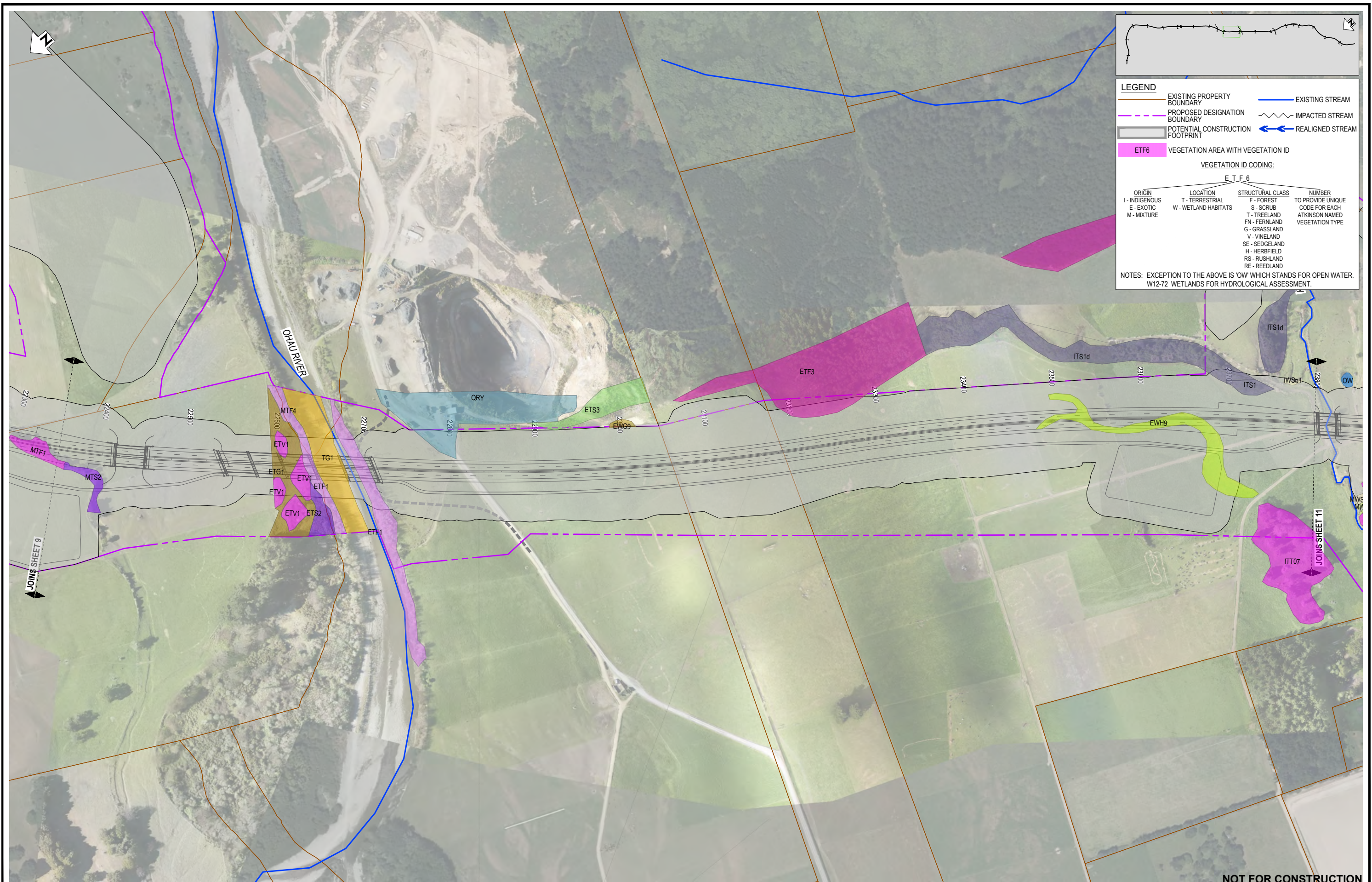
Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 9

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1008
Rev.	B



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DRN	CHK	APP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	MH	NG	JP	10.10.2022
A	ISSUED FOR RMA CONSENT	SS	NG	JP	19.08.22

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 10

Status Stamp

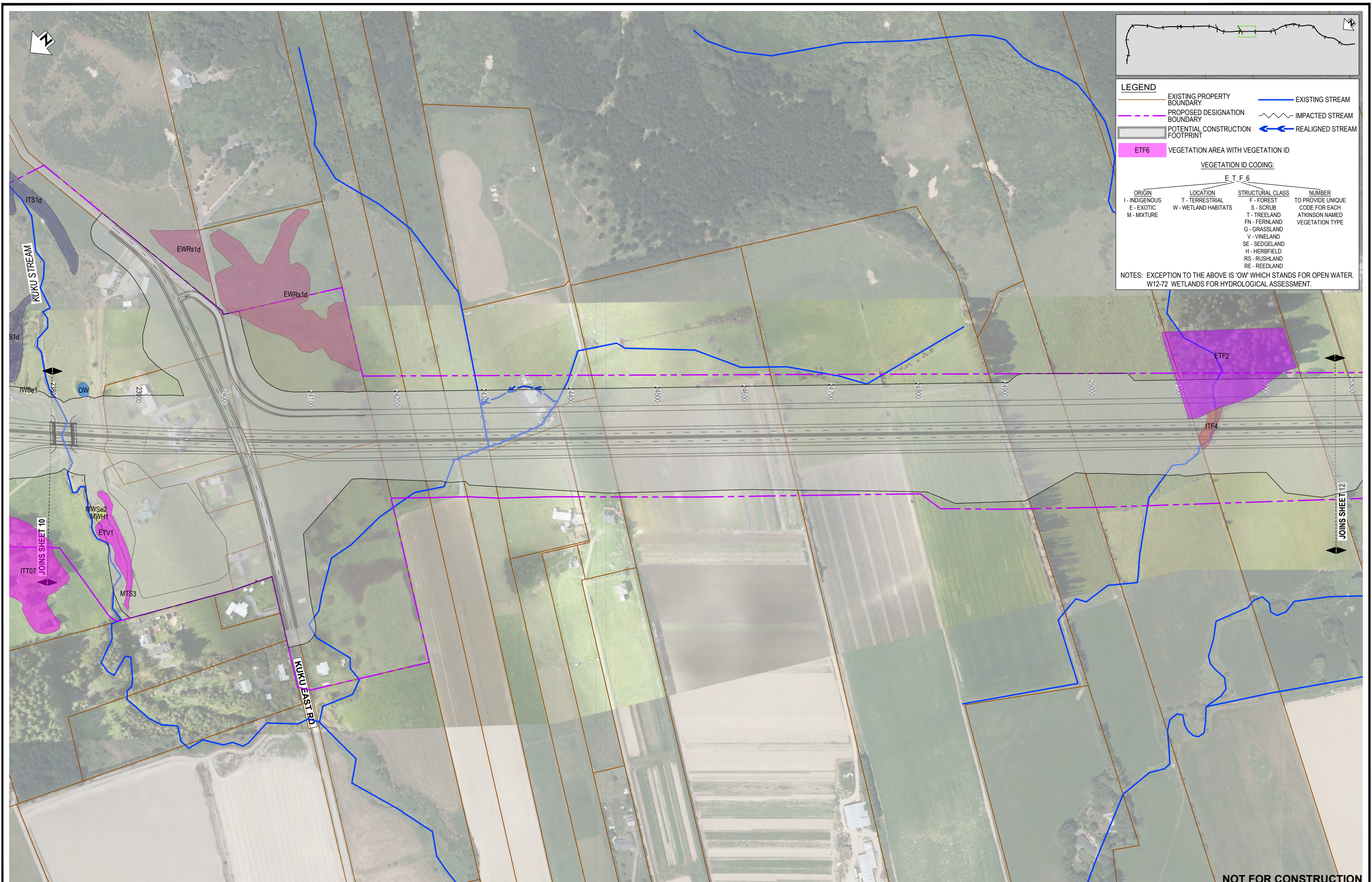
FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1009

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	TO PROVIDE UNIQUE CODE FOR EACH
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	ATKINSON NAMED
M - MIXTURE		T - TREELAND	VEGETATION TYPE
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN	CHK	APP
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.2022	MH	NG	JP
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SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 11

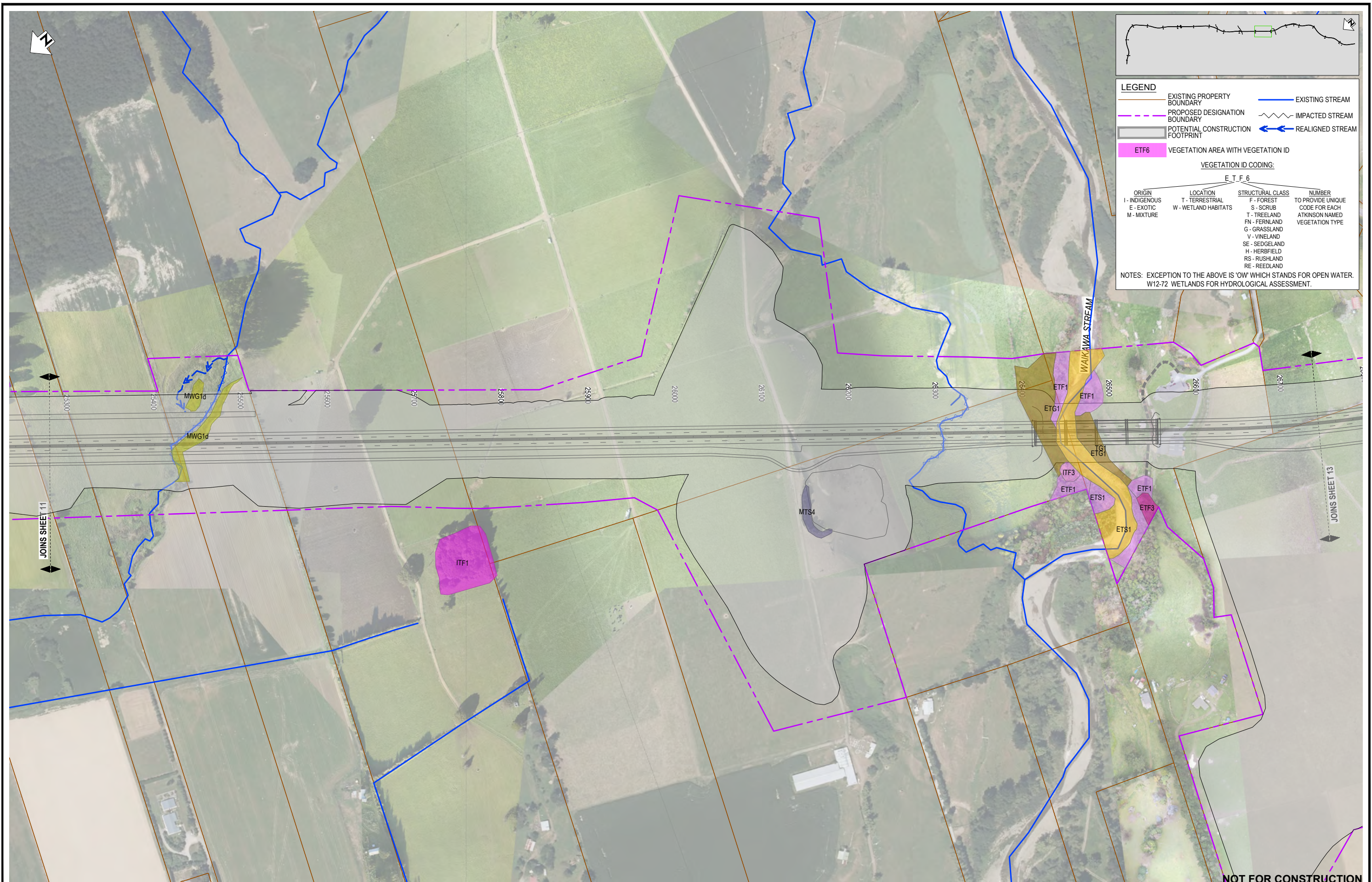
Status Stamp: **FOR CONSENT**

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: **310203848-01-750-C1010**

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

REV	DESCRIPTION	DATE	DRN	CHK	APP
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.2022	MH	NG	JP
A	ISSUED FOR RMA CONSENT	19.08.22	SS	NG	JP

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 12

Status Stamp

FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1011

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- - - PROPOSED DESIGNATION BOUNDARY
- ▭ POTENTIAL CONSTRUCTION FOOTPRINT
- ETf6 VEGETATION AREA WITH VEGETATION ID
- EXISTING STREAM
- ~ IMPACTED STREAM
- ← REALIGNED STREAM

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
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REV		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION:
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 13

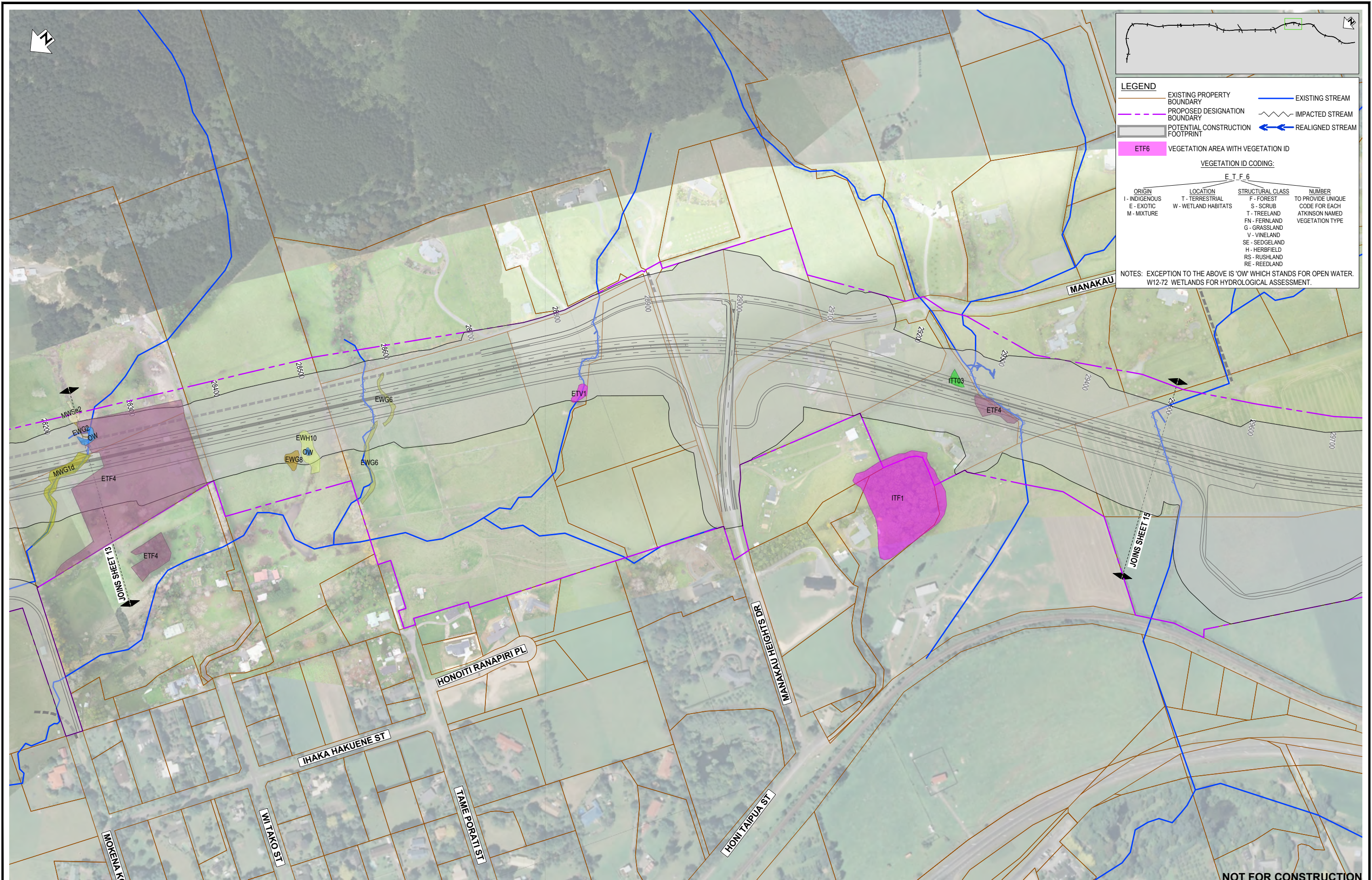
Status Stamp: **FOR CONSENT**

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1012

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM
- VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
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NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

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C	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	29.11.23	MN	GL	JE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT	10.10.2022	MH	NG	JP
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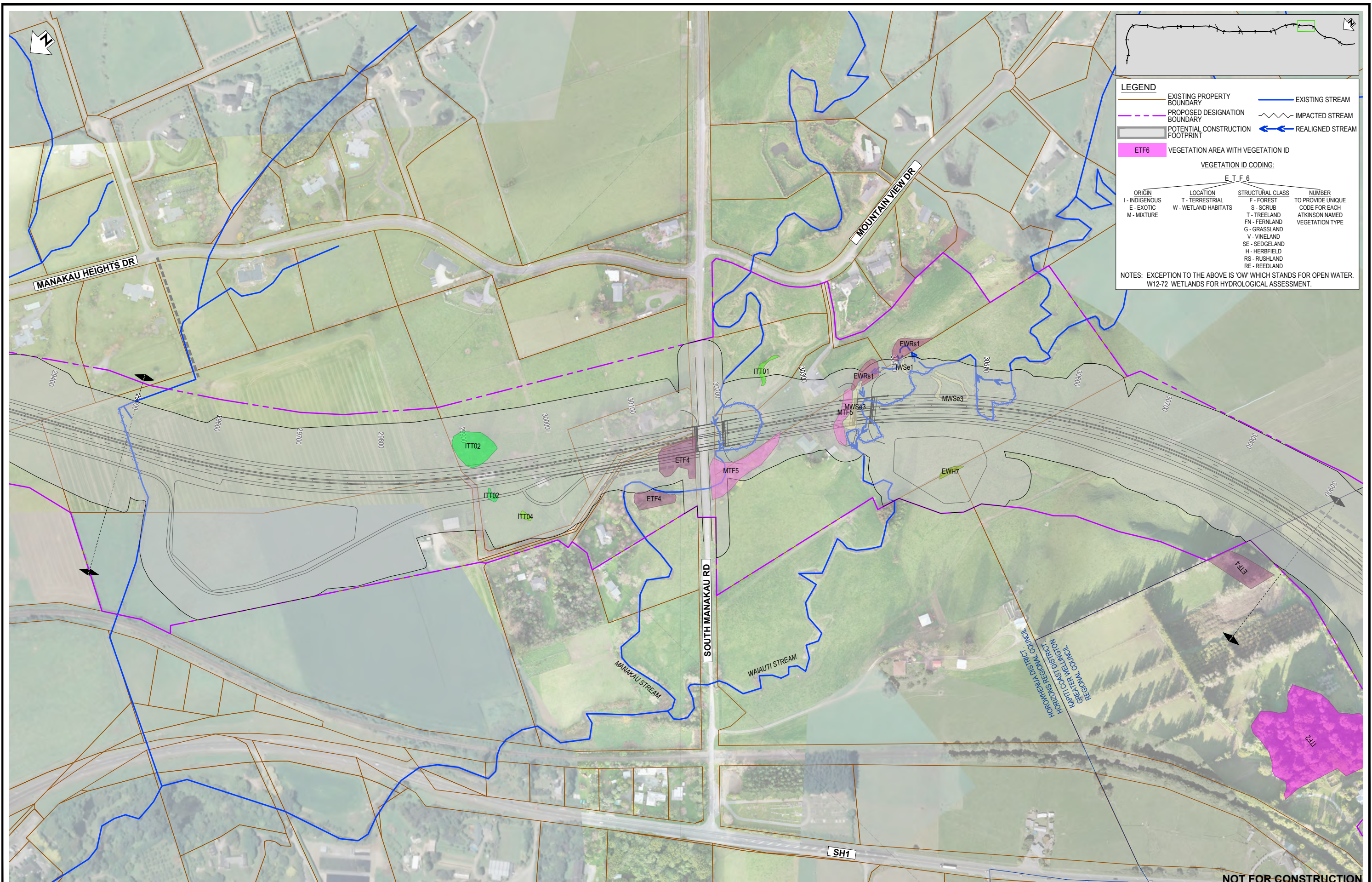
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jon England
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	29.11.23

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 14

Status Stamp	FOR CONSENT
Date Stamp	29.11.23
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1013
Rev.	C



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM

VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION:
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 15

Status Stamp

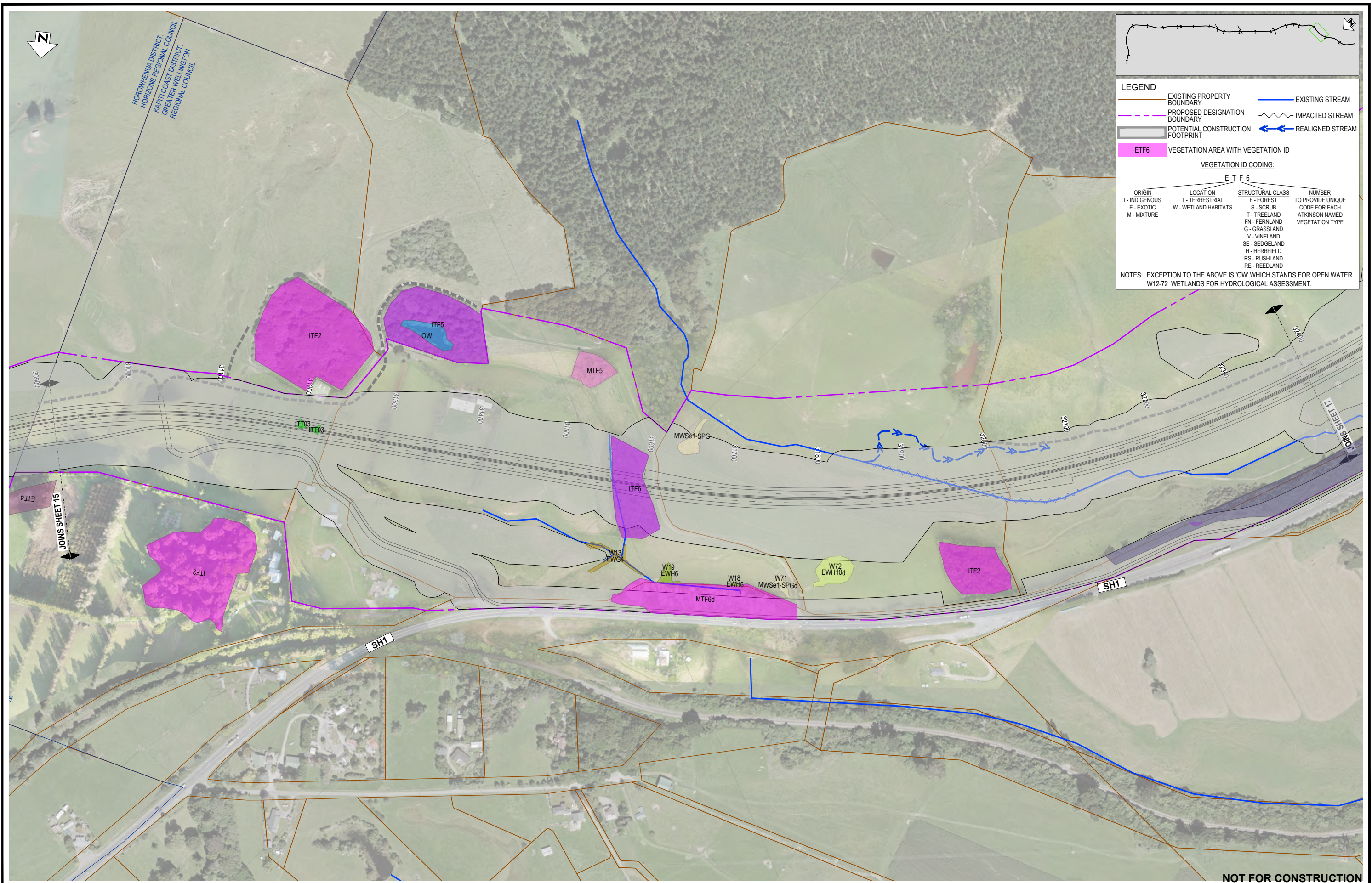
FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1014

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM

VEGETATION AREA WITH VEGETATION ID

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 16

Status Stamp

FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1015

Rev: **B**



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM

VEGETATION ID CODING:

E T F 6

ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER.
W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION:
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 17

NOT FOR CONSTRUCTION

FOR CONSENT

Date Stamp: 10.10.22

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1016

Rev: B



LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- POTENTIAL CONSTRUCTION FOOTPRINT
- ETF6 VEGETATION AREA WITH VEGETATION ID
- EXISTING STREAM
- IMPACTED STREAM
- REALIGNED STREAM

VEGETATION ID CODING:

E T F 6			
ORIGIN	LOCATION	STRUCTURAL CLASS	NUMBER TO PROVIDE UNIQUE CODE FOR EACH ATKINSON NAMED VEGETATION TYPE
I - INDIGENOUS	T - TERRESTRIAL	F - FOREST	
E - EXOTIC	W - WETLAND HABITATS	S - SCRUB	
M - MIXTURE		T - TREELAND	
		FN - FERNLAND	
		G - GRASSLAND	
		V - VINELAND	
		SE - SEDGELAND	
		H - HERBFIELD	
		RS - RUSHLAND	
		RE - REEDLAND	

NOTES: EXCEPTION TO THE ABOVE IS 'OW' WHICH STANDS FOR OPEN WATER. W12-72 WETLANDS FOR HYDROLOGICAL ASSESSMENT.

NOT FOR CLASS

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
		DRN	CHK	APP	DATE

SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall	
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22	

Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 18

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1017
Rev.	B