



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.

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 1

Status Stamp

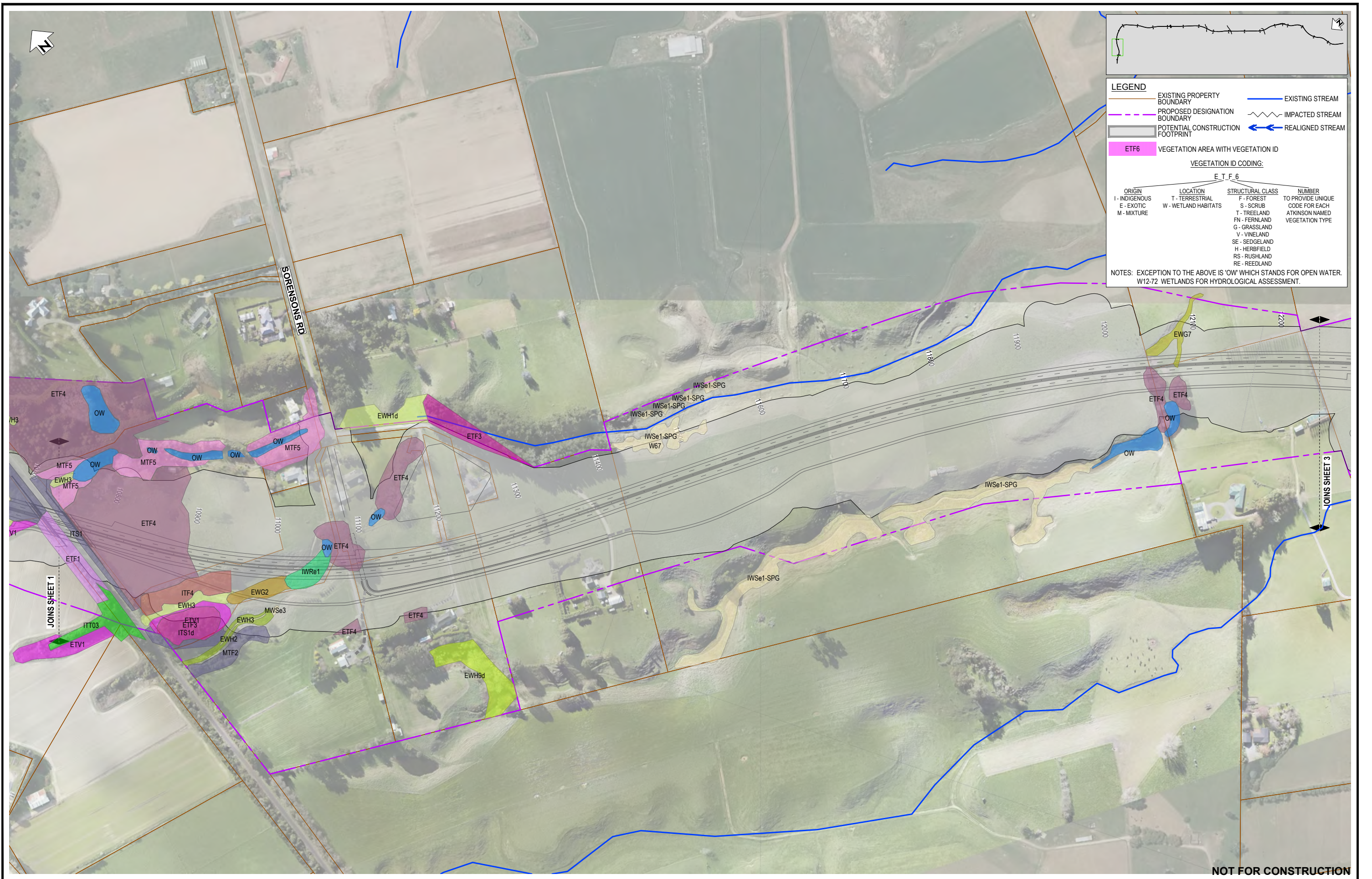
FOR CONSENT

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
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- REALIGNED STREAM

VEGETATION ID CODING:

E T F 6			
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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	

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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
REV	REVISIONS	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 2

Status Stamp

FOR CONSENT

Date Stamp

10.10.22

Scales 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
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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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**



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
REV		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

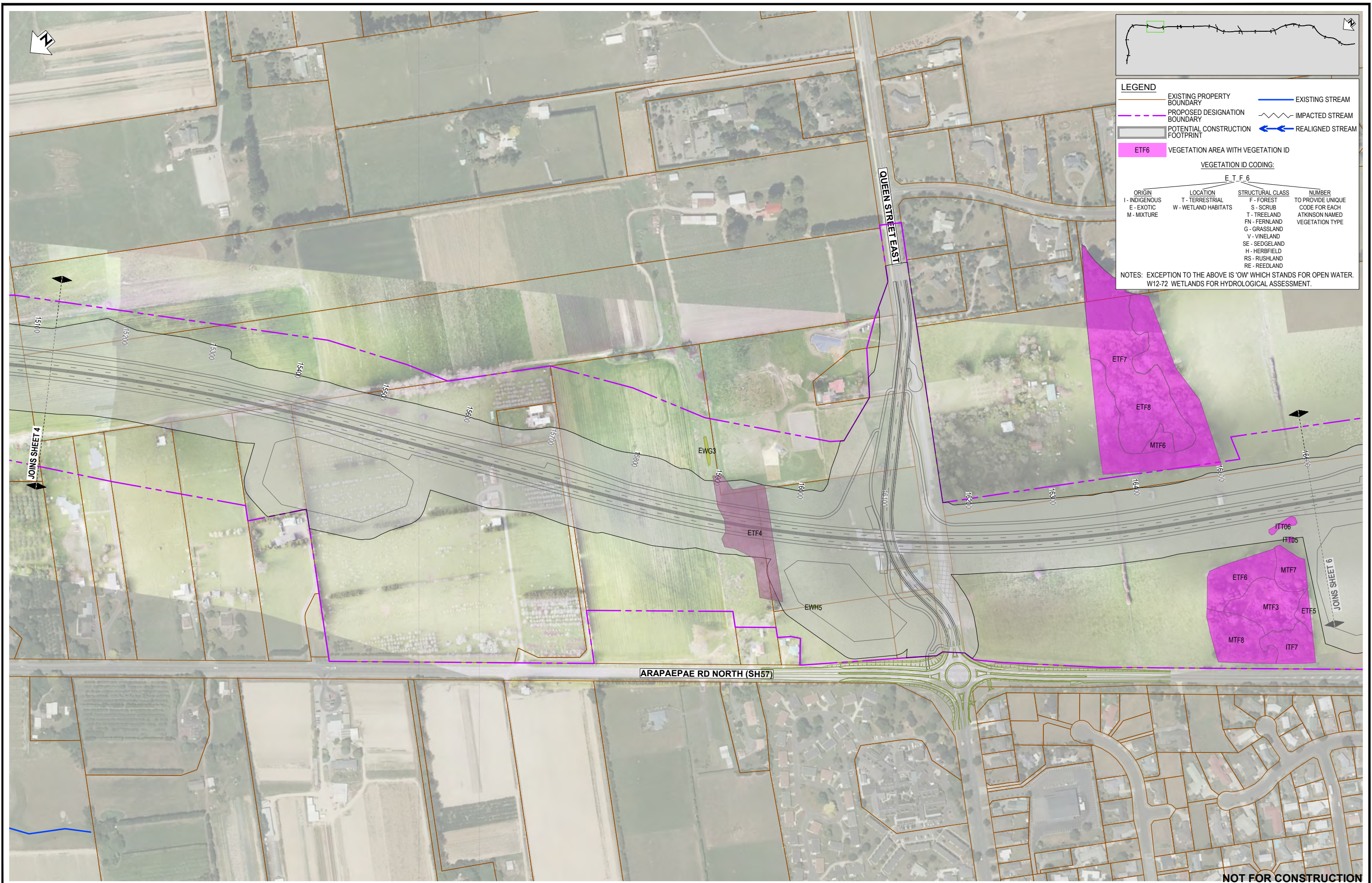
Client:




WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 4

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1003
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
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.

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
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 5

Status Stamp	FOR CONSENT
Date Stamp	10.10.22
Scale	1:4000 (A3)
Drawing No.	310203848-01-750-C1004
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	BY	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

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

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 6

NOT FOR CONSTRUCTION

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	

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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 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



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.

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 - FERNSLAND	
		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 9

Status Stamp

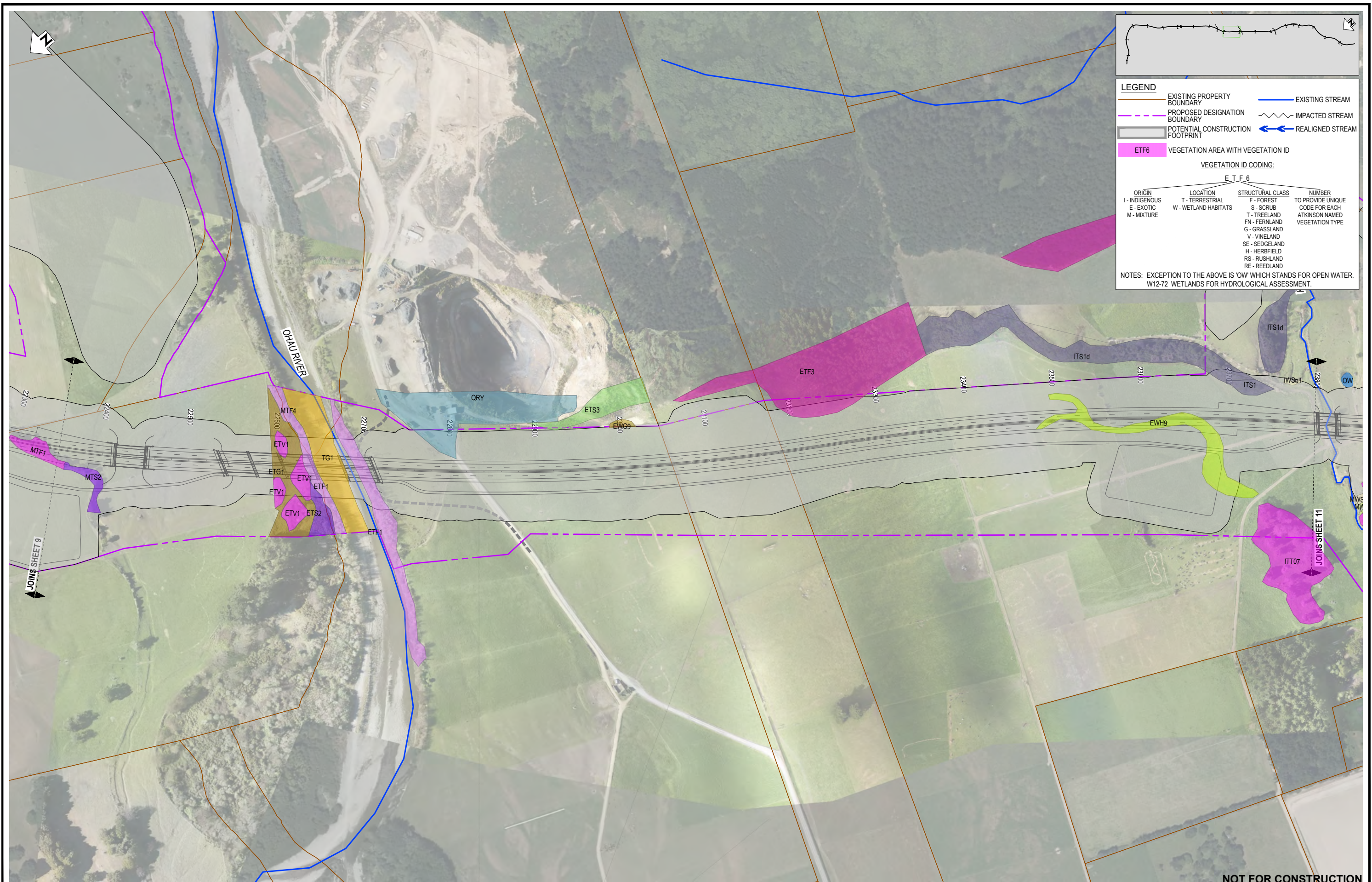
FOR CONSENT

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 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	
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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

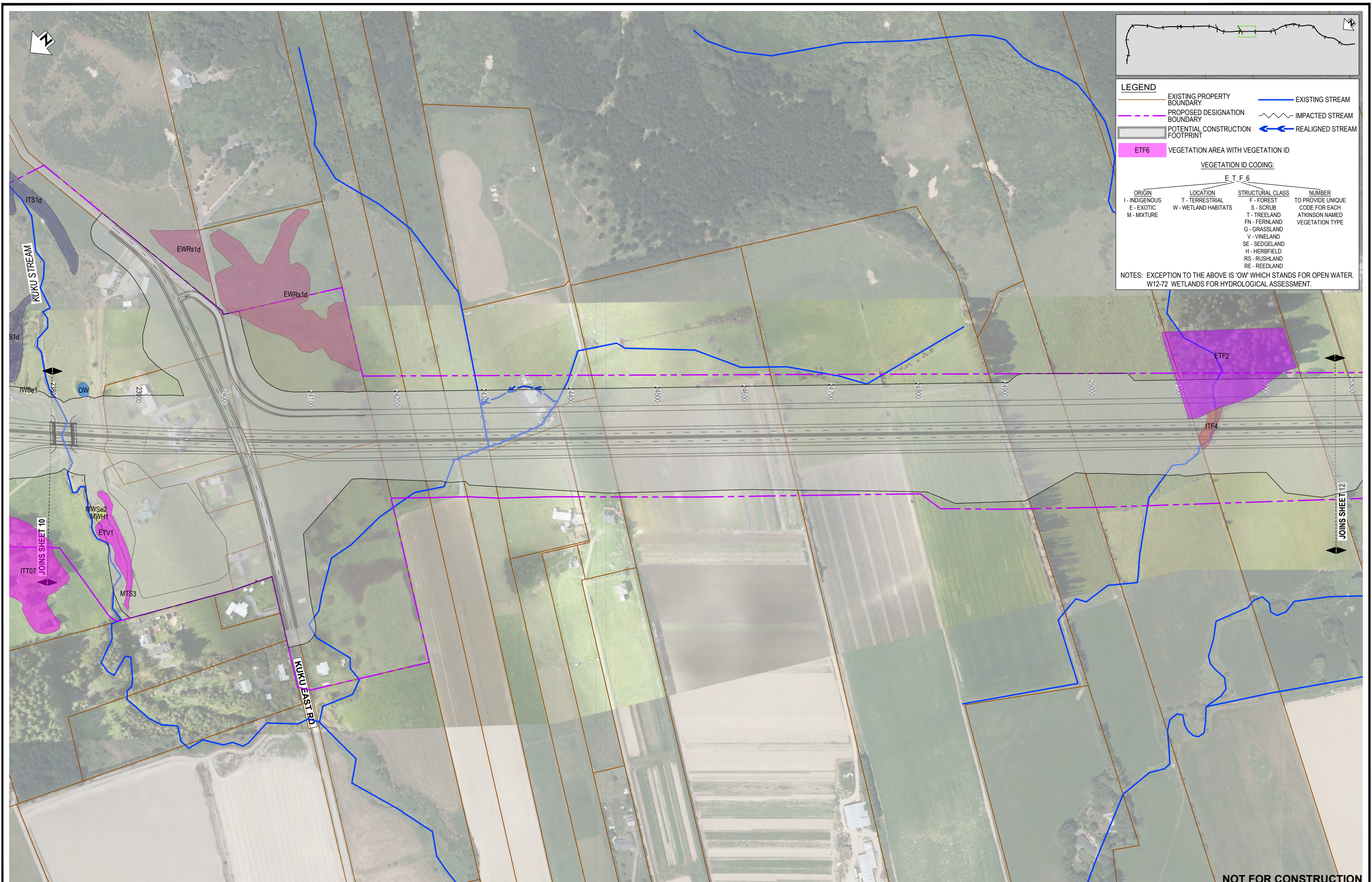
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED
	Nick Goldwater	Steve Sutton	Steve Sutton	Jamie Povall	Nick Goldwater	Jamie Povall
	15.06.22	15.06.22	10.10.22	21.07.22	21.07.22	10.10.22

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	
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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

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

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

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

ECOLOGY PLAN
SHEET 11

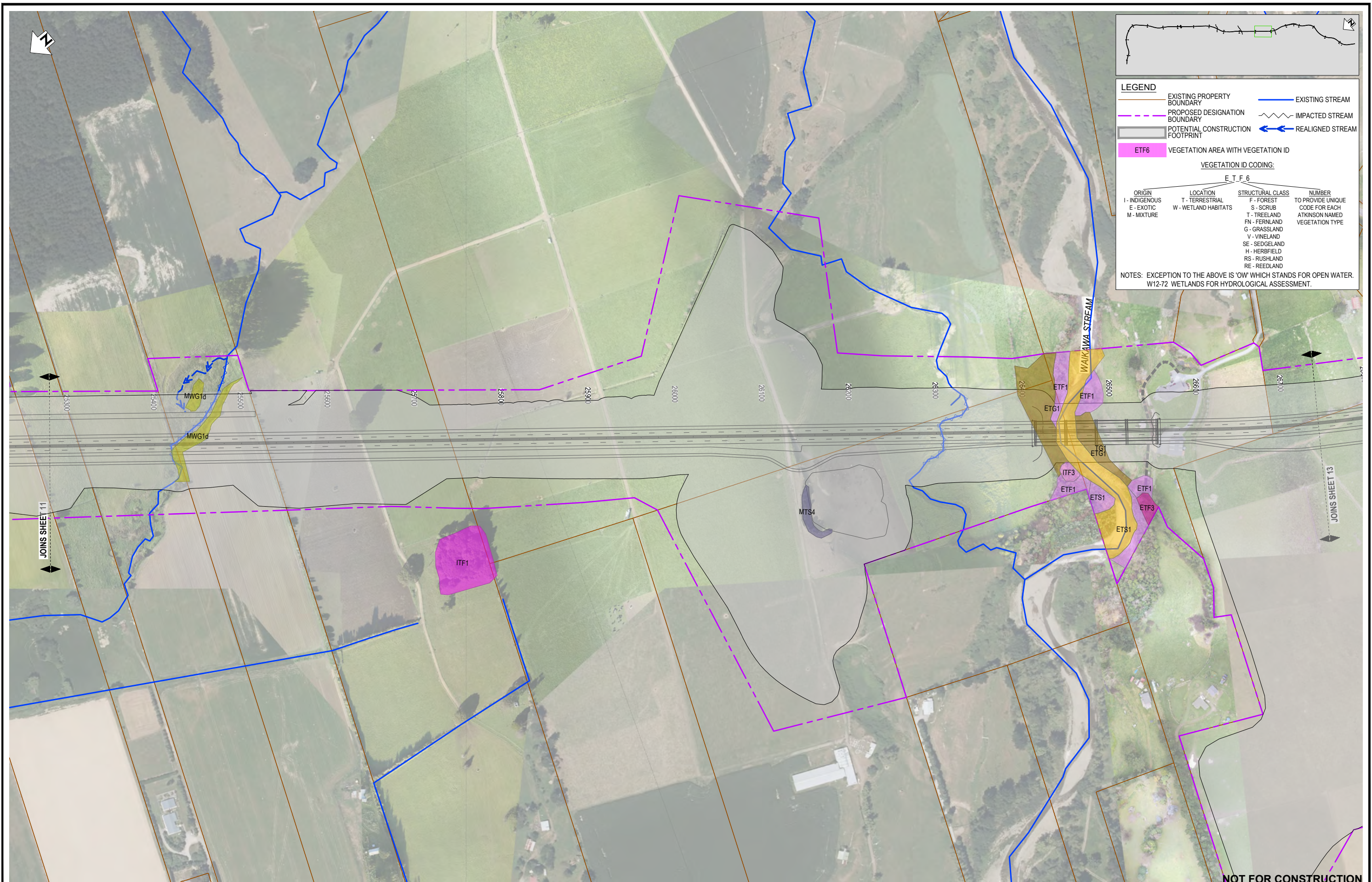
Status Stamp: **FOR CONSENT**

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

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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	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 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	
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REV	DESCRIPTION	MH	NG	JP	DATE
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A	ISSUED FOR RMA CONSENT				19.08.22
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

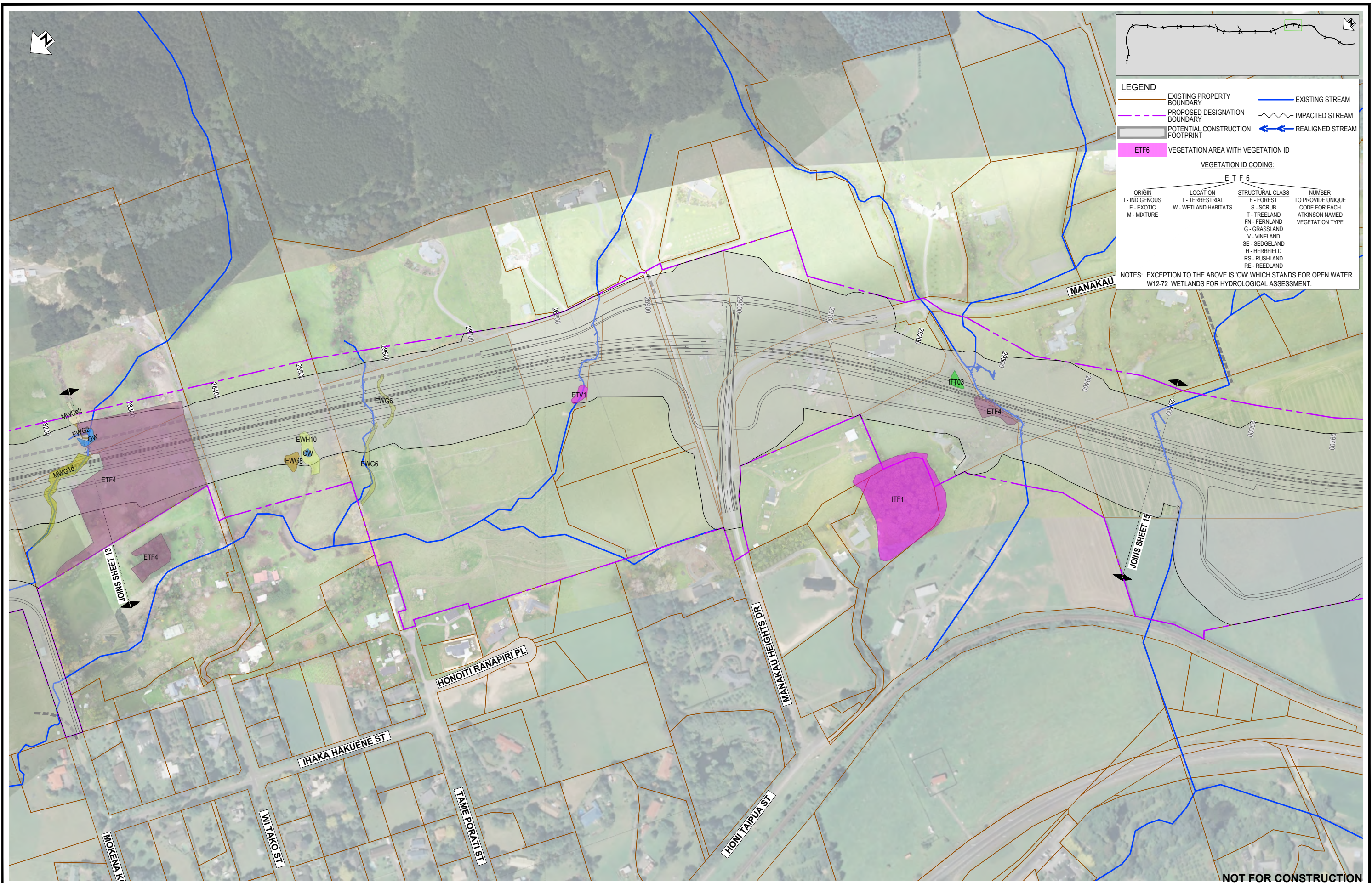
Status Stamp: **FOR CONSENT**

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 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	
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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

REV	DESCRIPTION	MH	NG	JP	DATE
B	DESIGNATION UPDATED - ISSUED FOR RMA CONSENT				10.10.2022
A	ISSUED FOR RMA CONSENT				19.08.22
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 14

Status Stamp

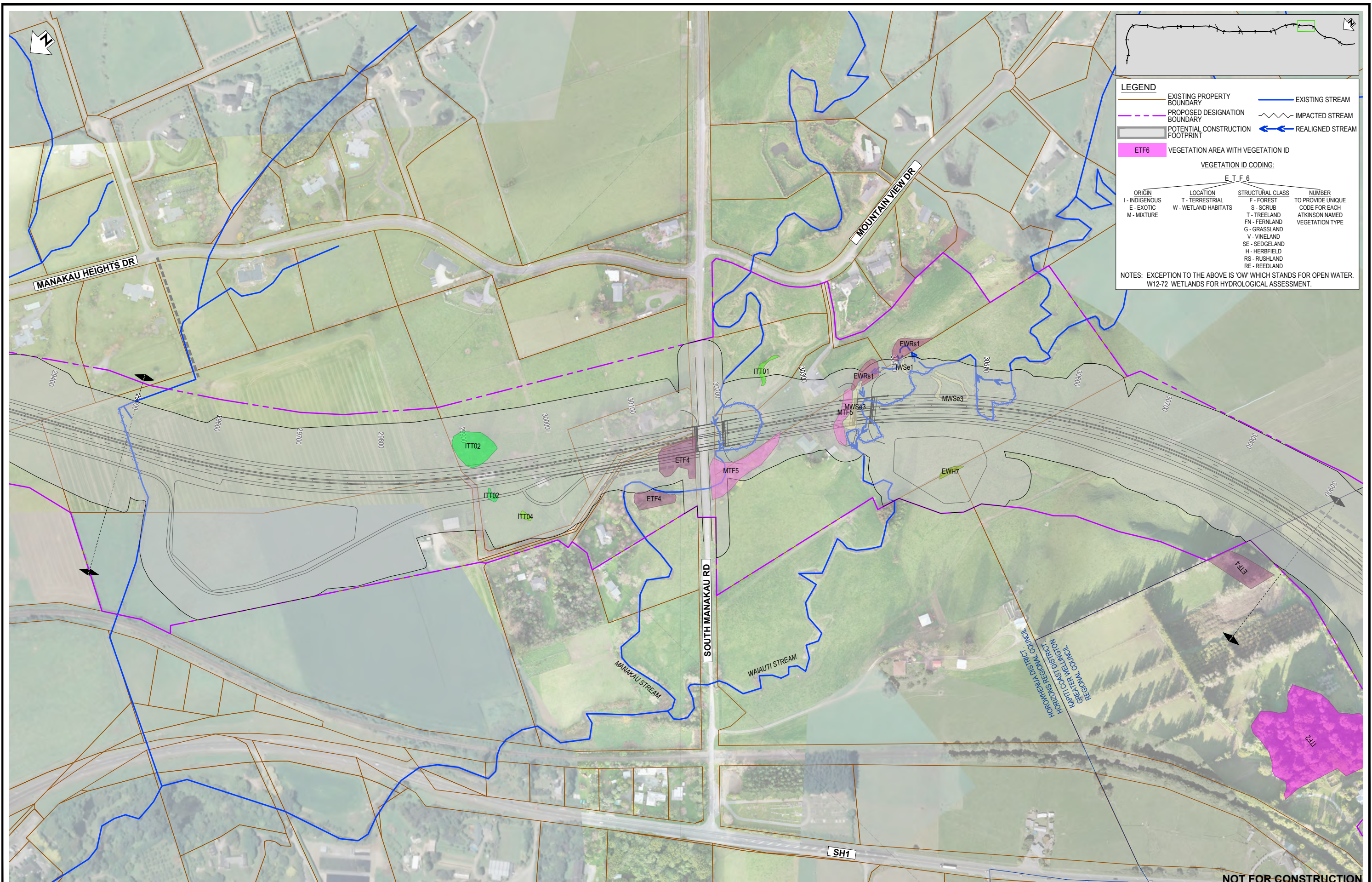
FOR CONSENT

Date Stamp: **10.10.22**

Scale: 1:4000 (A3)

Drawing No: 310203848-01-750-C1013

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	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

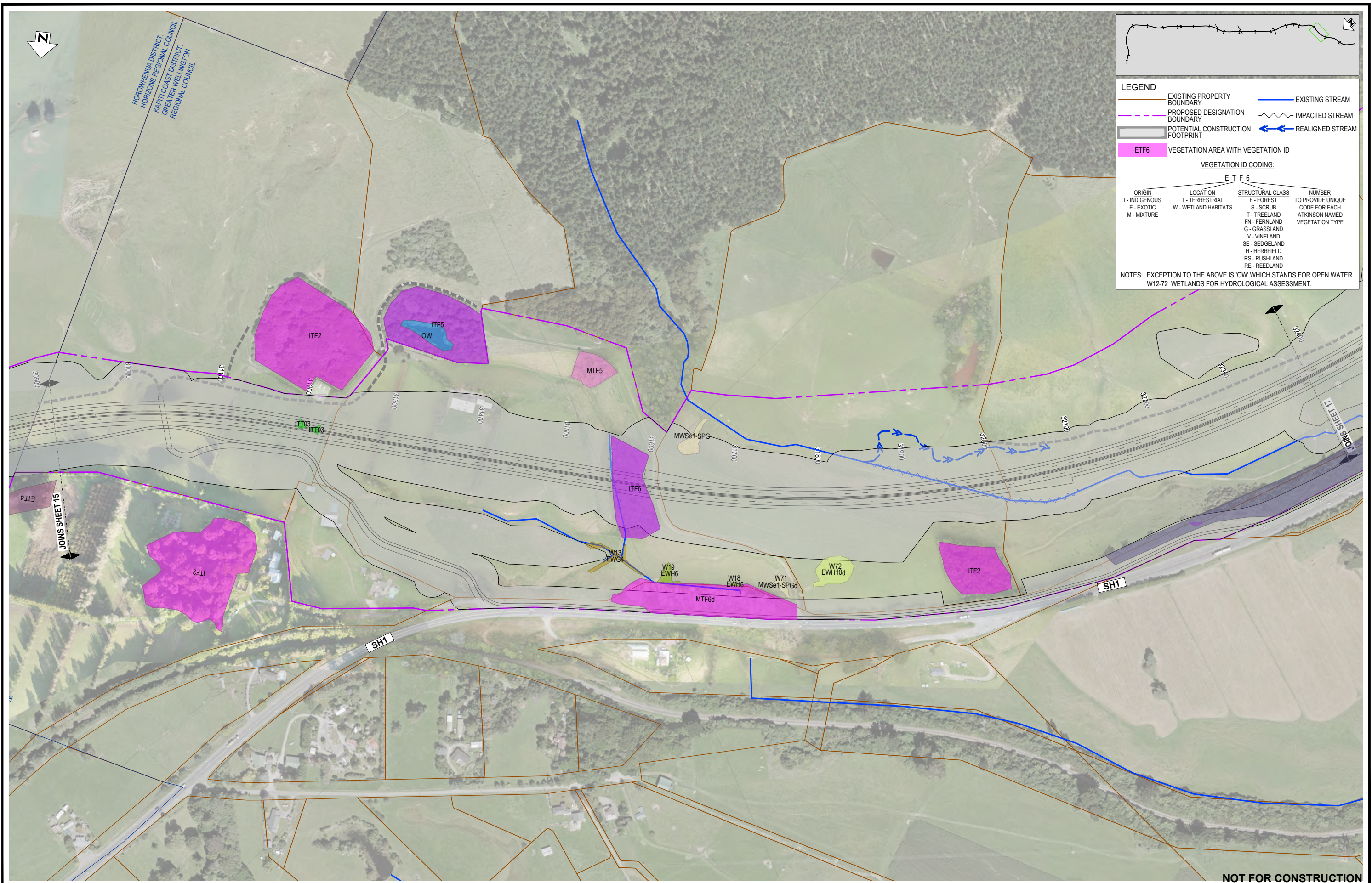
FOR CONSENT

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.

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 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	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

Status Stamp: **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
- 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.

ROAD SECTION TO BE REMOVED

PP20 DESIGN SHOWN INDICATIVELY FOR REFERENCE

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