



WETLAND HYDROLOGY TO BE RESTORED
(NATURAL REGENERATION APPROACH).
9Ha TO BE RESTORED

PAIAKA ROAD

INSET - SHOWING TO THE NORTH WEST OF KOPUTAROA RD (NTS)

LEGEND

ECOLOGICAL MITIGATION AND OFFSETTING SITES - 62.5Ha

- TERRESTRIAL OFFSETTING SITES - 11Ha
- WETLAND OFFSETTING SITES - 10Ha
- TERRESTRIAL BUFFER PLANTING - 1.5Ha
- RIPARIAN / FRESHWATER OFFSETTING SITES - 28Ha
- RIPARIAN / FRESHWATER - MITIGATION PLANTING - 12Ha

LANDSCAPING AND VISUAL PLANTING - 145Ha

- REHABILITATION PLANTING (WITHIN FOOTPRINT) - 103Ha
- NATURALISED STORMWATER PLANTING (WITHIN FOOTPRINT) - 19Ha
- RESTORATION PLANTING (OUTSIDE FOOTPRINT) - 23Ha
- GRASS REHABILITATION - 57Ha
- NATURAL CHARACTER PLANTING - 41Ha
- MATERIAL SUPPLY SITES PLANTING - 38Ha
- TREES - No. 1797 (LARGER GRADES, 2.4m AT PLANTING)
- INDICATIVE SWALE (NOTE: SWALE SHOWN DIAGRAMMATICALLY, SEE ENGINEERING DRAWINGS FOR TYPICAL DETAIL)

GENERAL

- EXISTING PROPERTY BOUNDARY
- TEMPORARY WORKS AREA
- PROPOSED DESIGNATION BOUNDARY
- EXISTING STREAM
- PROPERTY ACCESS
- SPOIL SITE
- SHARED USE PATH
- ROCK REVETMENT

OFFSET + NATURAL CHARACTER PLANTING IS SUBJECT TO LANDOWNER APPROVAL

SCALE 1:4000 (A3)

NOT FOR CONSTRUCTION

REV									
C	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	MN	GL	PP	30.06.23				
B	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	BH	JP	JP	21.12.22				
A	ISSUED FOR RMA CONSENT	MH	JP	JP	10.10.22				
	REVISIONS	DRN	CHK	APP	DATE				

SURVEYED		
DESIGNED	Sophie Fisher	13.04.22
DRAWN	Sophie Fisher	13.04.22
CAD REVIEW	Matt Hopkins	10.10.22
DESIGN CHECK	Lisa Rimmer	10.10.22
DESIGN REVIEW	Gavin Lister	10.10.22
APPROVED	Phil Peet	30.06.23
PROF REGISTRATION:		



WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 1

Status Stamp

FOR CONSENT

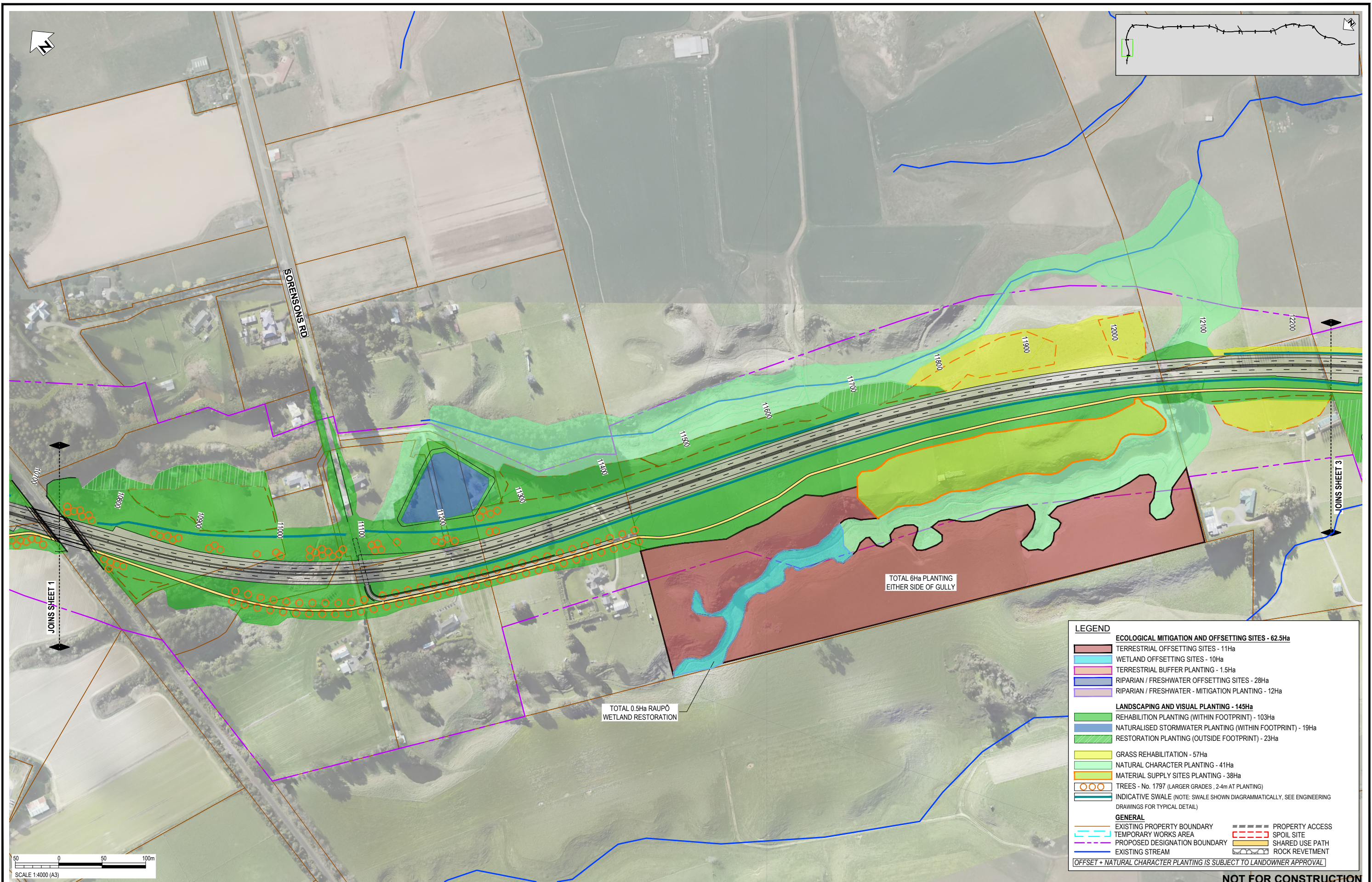
Date Stamp
30.06.23

Scale: 1:4000 (A3)

Drawing No.
310203848-01-700-C2000

Rev. **C**

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LEGEND	
ECOLOGICAL MITIGATION AND OFFSETTING SITES - 62.5Ha	
[Red Box]	TERRESTRIAL OFFSETTING SITES - 11Ha
[Light Blue Box]	WETLAND OFFSETTING SITES - 10Ha
[Pink Box]	TERRESTRIAL BUFFER PLANTING - 1.5Ha
[Dark Blue Box]	RIPARIAN / FRESHWATER OFFSETTING SITES - 28Ha
[Purple Box]	RIPARIAN / FRESHWATER - MITIGATION PLANTING - 12Ha
LANDSCAPING AND VISUAL PLANTING - 145Ha	
[Green Box]	REHABILITATION PLANTING (WITHIN FOOTPRINT) - 103Ha
[Light Green Box]	NATURALISED STORMWATER PLANTING (WITHIN FOOTPRINT) - 19Ha
[Dark Green Box]	RESTORATION PLANTING (OUTSIDE FOOTPRINT) - 23Ha
[Yellow Box]	GRASS REHABILITATION - 57Ha
[Light Green Box]	NATURAL CHARACTER PLANTING - 41Ha
[Orange Box]	MATERIAL SUPPLY SITES PLANTING - 38Ha
[Orange Circles]	TREES - No. 1797 (LARGER GRADES, 2.4m AT PLANTING)
[Dashed Line]	INDICATIVE SWALE (NOTE: SWALE SHOWN DIAGRAMMATICALLY, SEE ENGINEERING DRAWINGS FOR TYPICAL DETAIL)
GENERAL	
[Red Dashed Line]	EXISTING PROPERTY BOUNDARY
[Blue Dashed Line]	TEMPORARY WORKS AREA
[Purple Dashed Line]	PROPOSED DESIGNATION BOUNDARY
[Blue Line]	EXISTING STREAM
[Red Dashed Line]	PROPERTY ACCESS
[Yellow Box]	SPOIL SITE
[Orange Box]	SHARED USE PATH
[Grey Box]	ROCK REVETMENT
[Offset + Natural Character Planting is Subject to Landowner Approval]	

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN	CHK	APP
C	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	30.06.23	MN	GL	PP
B	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	21.12.22	BH	JP	JP
A	ISSUED FOR RMA CONSENT	10.10.22	MH	JP	JP

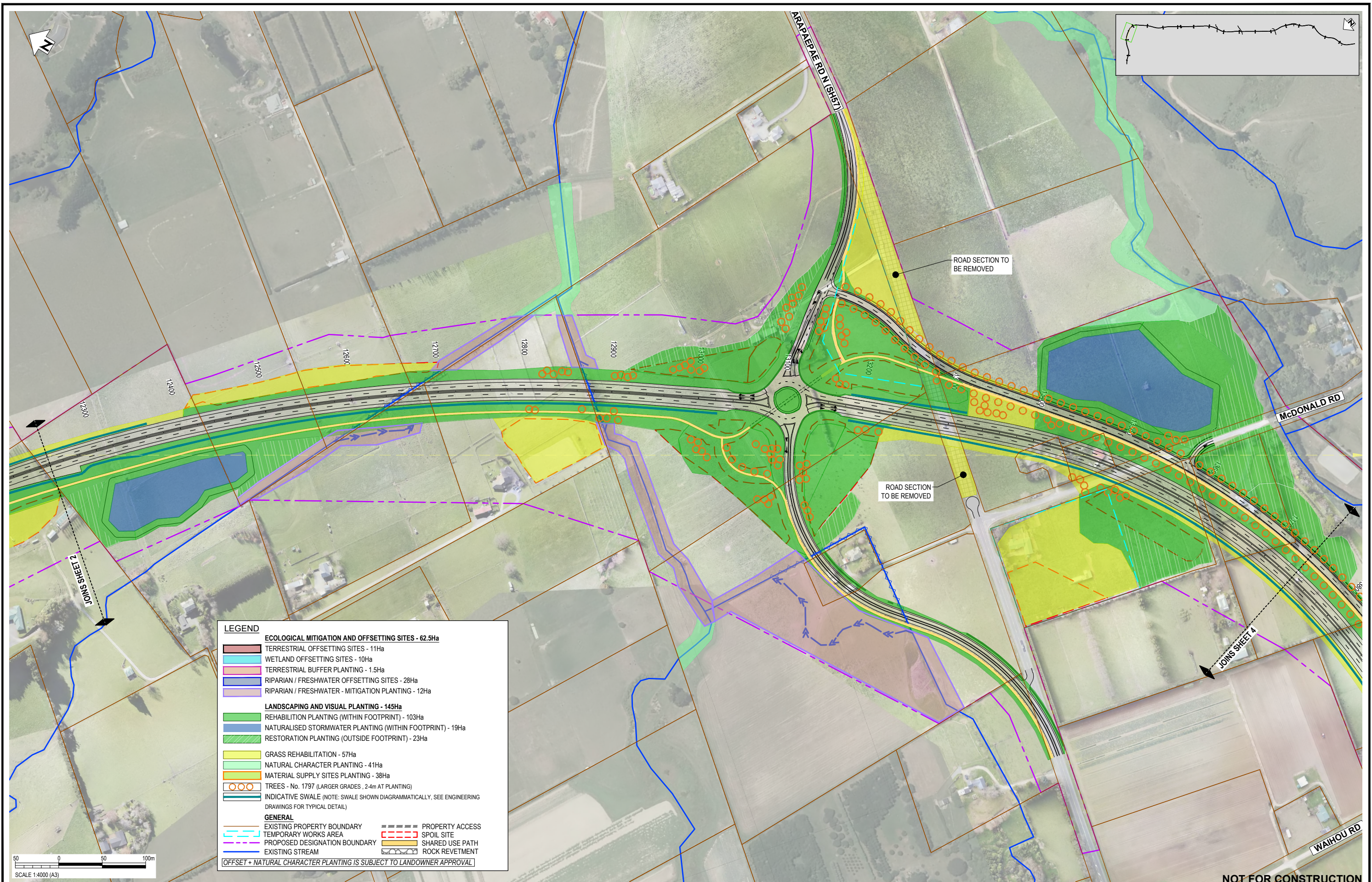
STATUS	NAME	DATE
SURVEYED		
DESIGNED	Sophie Fisher	13.04.22
DRAWN	Sophie Fisher	13.04.22
CAD REVIEW	Matt Hopkins	10.10.22
DESIGN CHECK	Lisa Rimmer	10.10.22
DESIGN REVIEW	Gavin Lister	10.10.22
APPROVED	Phil Peet	30.06.23

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 2

Status Stamp	FOR CONSENT
Date Stamp	30.06.23
Scale	1 : 4000 (A3)
Drawing No.	310203848-01-700-C2001
Rev.	C



LEGEND

ECOLOGICAL MITIGATION AND OFFSETTING SITES - 62.5Ha

- TERRESTRIAL OFFSETTING SITES - 11Ha
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GENERAL

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- TEMPORARY WORKS AREA
- PROPOSED DESIGNATION BOUNDARY
- EXISTING STREAM
- PROPERTY ACCESS
- SPOIL SITE
- SHARED USE PATH
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OFFSET + NATURAL CHARACTER PLANTING IS SUBJECT TO LANDOWNER APPROVAL

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A	ISSUED FOR RMA CONSENT	10.10.22	MH	JP	JP

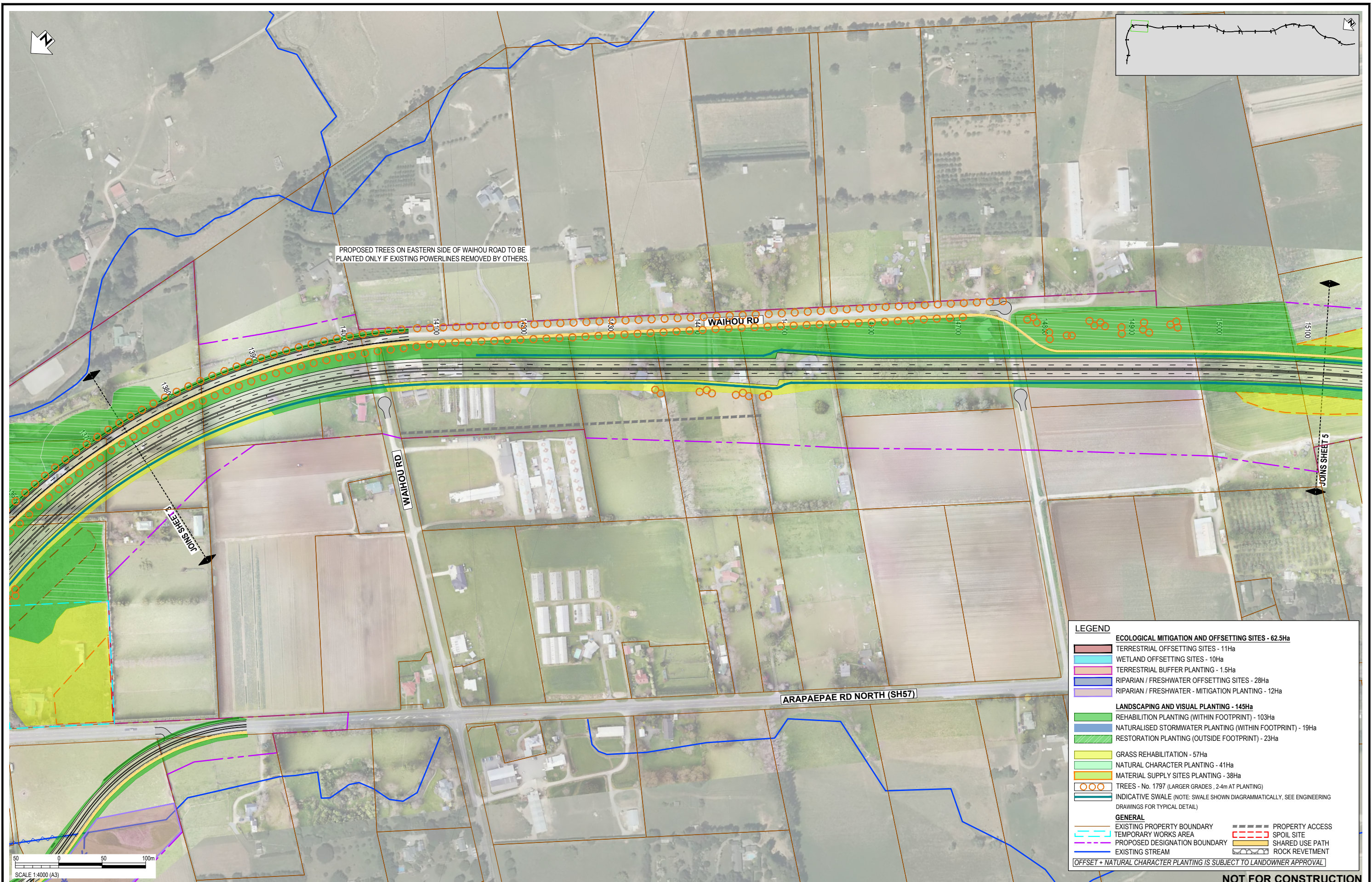
STAGE	NAME	DATE
SURVEYED		
DESIGNED	Sophie Fisher	13.04.22
DRAWN	Sophie Fisher	13.04.22
CAD REVIEW	Matt Hopkins	10.10.22
DESIGN CHECK	Lisa Rimmer	10.10.22
DESIGN REVIEW	Gavin Lister	10.10.22
APPROVED	Phil Peet	30.06.23
PROF REGISTRATION:		

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 3

Status Stamp	FOR CONSENT
Date Stamp	30.06.23
Scale	1 : 4000 (A3)
Drawing No.	310203848-01-700-C2002
Rev.	C



LEGEND	
ECOLOGICAL MITIGATION AND OFFSETTING SITES - 62.5Ha	
[Red Box]	TERRESTRIAL OFFSETTING SITES - 11Ha
[Blue Box]	WETLAND OFFSETTING SITES - 10Ha
[Green Box]	TERRESTRIAL BUFFER PLANTING - 1.5Ha
[Purple Box]	RIPARIAN / FRESHWATER OFFSETTING SITES - 28Ha
[Light Blue Box]	RIPARIAN / FRESHWATER - MITIGATION PLANTING - 12Ha
LANDSCAPING AND VISUAL PLANTING - 145Ha	
[Dark Green Box]	REHABILITATION PLANTING (WITHIN FOOTPRINT) - 103Ha
[Light Green Box]	NATURALISED STORMWATER PLANTING (WITHIN FOOTPRINT) - 19Ha
[Yellow-Green Box]	RESTORATION PLANTING (OUTSIDE FOOTPRINT) - 23Ha
[Yellow Box]	GRASS REHABILITATION - 57Ha
[Light Yellow Box]	NATURAL CHARACTER PLANTING - 41Ha
[Orange Box]	MATERIAL SUPPLY SITES PLANTING - 38Ha
[Orange Circles]	TREES - No. 1797 (LARGER GRADES, 2.4m AT PLANTING)
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GENERAL	
[Red Dashed Line]	EXISTING PROPERTY BOUNDARY
[Blue Dashed Line]	TEMPORARY WORKS AREA
[Purple Dashed Line]	PROPOSED DESIGNATION BOUNDARY
[Blue Solid Line]	EXISTING STREAM
[Red Dashed Line]	PROPERTY ACCESS
[Yellow Dashed Line]	SPOIL SITE
[Orange Dashed Line]	SHARED USE PATH
[Grey Dashed Line]	ROCK REVETMENT
<i>(OFFSET + NATURAL CHARACTER PLANTING IS SUBJECT TO LANDOWNER APPROVAL)</i>	

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
C	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	30.06.23	MN	GL	PP
B	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	21.12.22	BH	JP	JP
A	ISSUED FOR RMA CONSENT	10.10.22	MH	JP	JP

STAGE	NAME	DATE
SURVEYED		
DESIGNED	Sophie Fisher	13.04.22
DRAWN	Sophie Fisher	13.04.22
CAD REVIEW	Matt Hopkins	10.10.22
DESIGN CHECK	Lisa Rimmer	10.10.22
DESIGN REVIEW	Gavin Lister	10.10.22
APPROVED	Phil Peet	30.06.23

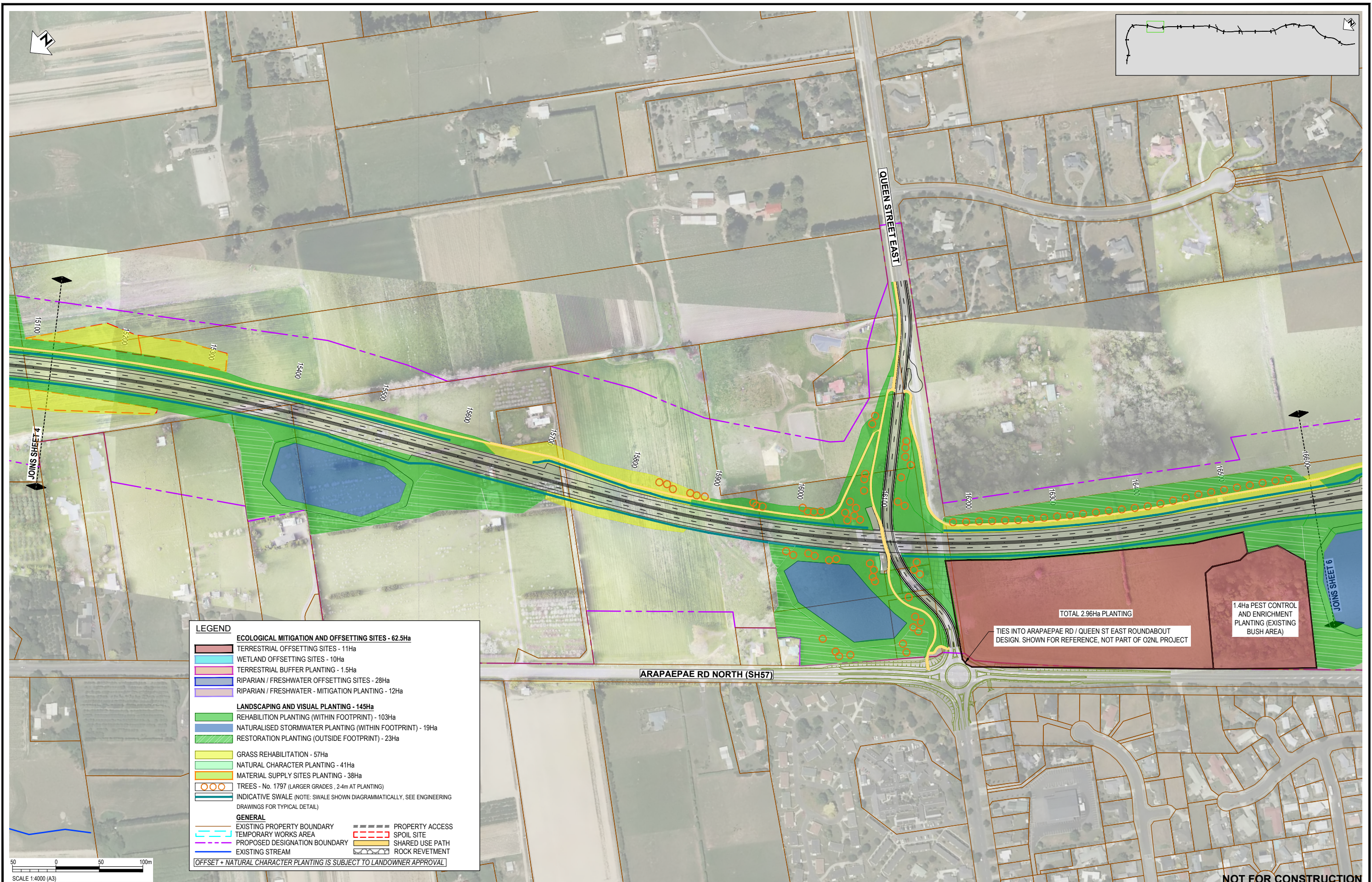
Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 4

Status Stamp	FOR CONSENT
Date Stamp	30.06.23
Scale	1:4000 (A3)
Drawing No.	310203848-01-700-C2003
Rev.	C

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LEGEND	
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[Purple Dashed Line]	PROPOSED DESIGNATION BOUNDARY
[Blue Solid Line]	EXISTING STREAM
[Red Dashed Line]	PROPERTY ACCESS
[Red Dashed Line]	SPOIL SITE
[Yellow Dashed Line]	SHARED USE PATH
[Grey Dashed Line]	ROCK REVETMENT
[Offset + Natural Character Planting is subject to landowner approval]	

50 0 50 100m
SCALE 1:4000 (A3)

REV	DESCRIPTION	DATE	DRN	CHK	APP
C	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	30.06.23	MN	GL	PP
B	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	21.12.22	BH	JP	JP
A	ISSUED FOR RMA CONSENT	10.10.22	MH	JP	JP

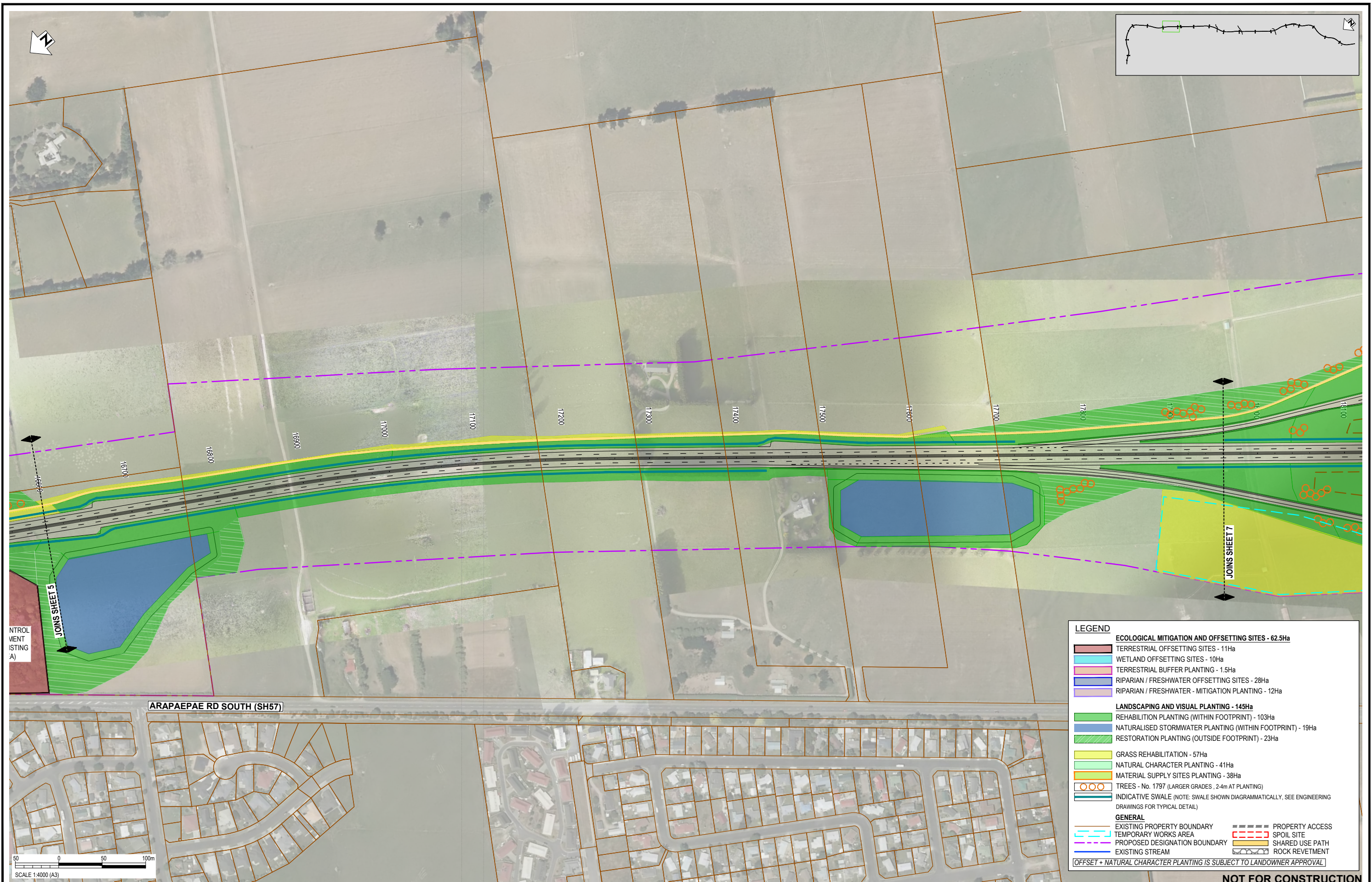
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION
	Sophie Fisher	Sophie Fisher	Matt Hopkins	Lisa Rimmer	Gavin Lister	Phil Peet	
	13.04.22	13.04.22	10.10.22	10.10.22	10.10.22	30.06.23	

Client:

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 5

Status Stamp	FOR CONSENT
Date Stamp	30.06.23
Scale	1 : 4000 (A3)
Drawing No.	310203848-01-700-C2004
Rev.	C



LEGEND		
ECOLOGICAL MITIGATION AND OFFSETTING SITES - 62.5Ha		
[Red Box]	TERRESTRIAL OFFSETTING SITES - 11Ha	
[Light Blue Box]	WETLAND OFFSETTING SITES - 10Ha	
[Pink Box]	TERRESTRIAL BUFFER PLANTING - 1.5Ha	
[Blue Box]	RIPARIAN / FRESHWATER OFFSETTING SITES - 28Ha	
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LANDSCAPING AND VISUAL PLANTING - 145Ha		
[Green Box]	REHABILITATION PLANTING (WITHIN FOOTPRINT) - 103Ha	
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[Orange Circles]	TREES - No. 1797 (LARGER GRADES, 2.4m AT PLANTING)	
[Dashed Line]	INDICATIVE SWALE (NOTE: SWALE SHOWN DIAGRAMMATICALLY, SEE ENGINEERING DRAWINGS FOR TYPICAL DETAIL)	
GENERAL		
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[Blue Dashed Line]	TEMPORARY WORKS AREA	
[Purple Dashed Line]	PROPOSED DESIGNATION BOUNDARY	
[Blue Solid Line]	EXISTING STREAM	
[Red Dashed Line]	PROPERTY ACCESS	
[Yellow Box]	SPOIL SITE	
[Orange Box]	SHARED USE PATH	
[Grey Box]	ROCK REVETMENT	
[Offset Line]		OFFSET + NATURAL CHARACTER PLANTING IS SUBJECT TO LANDOWNER APPROVAL

REV	DESCRIPTION	DRN	CHK	APP	DATE
D	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	MN	GL	PP	30.06.23
C	PLANTING LEGEND AND HATCHES UPDATED - ISSUED FOR RMA CONSENT	BH	JP	JP	21.12.22
B	EAST-WEST ARTERIAL DESIGN REMOVED	MH	JP	JP	19.10.22
A	ISSUED FOR RMA CONSENT	MH	JP	JP	10.10.22

DATE	BY	DESCRIPTION
13.04.22	Sophie Fisher	DESIGNED
13.04.22	Sophie Fisher	DRAWN
10.10.22	Matt Hopkins	CAD REVIEW
10.10.22	Lisa Rimmer	DESIGN CHECK
10.10.22	Gavin Lister	DESIGN REVIEW
30.06.23	Phil Peet	APPROVED

Client: **WAKA KOTAHI NZ TRANSPORT AGENCY**

Stantec

WAKA KOTAHI
OTAKI TO NORTH OF LEVIN PROJECT

PLANTING CONCEPT PLAN: RMA PURPOSE TYPE
SHEET 6

Status Stamp	FOR CONSENT
Date Stamp	30.06.23
Scale	1 : 4000 (A3)
Drawing No.	310203848-01-700-C2005
Rev.	D

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