

Preliminary Design Drawings

WAKA KOTAHI NZ TRANSPORT AGENCY

Peka Peka to Ōtaki SH1 Revocation
Preliminary Design
Client Review Issue

Job no: 85920.0040
Date: 26 November 2021



WAKA KOTAHI NZ TRANSPORT AGENCY PEKA PEKA TO ŌTAKI SH1 REVOCATION PRELIMINARY DESIGN Client Review Issue

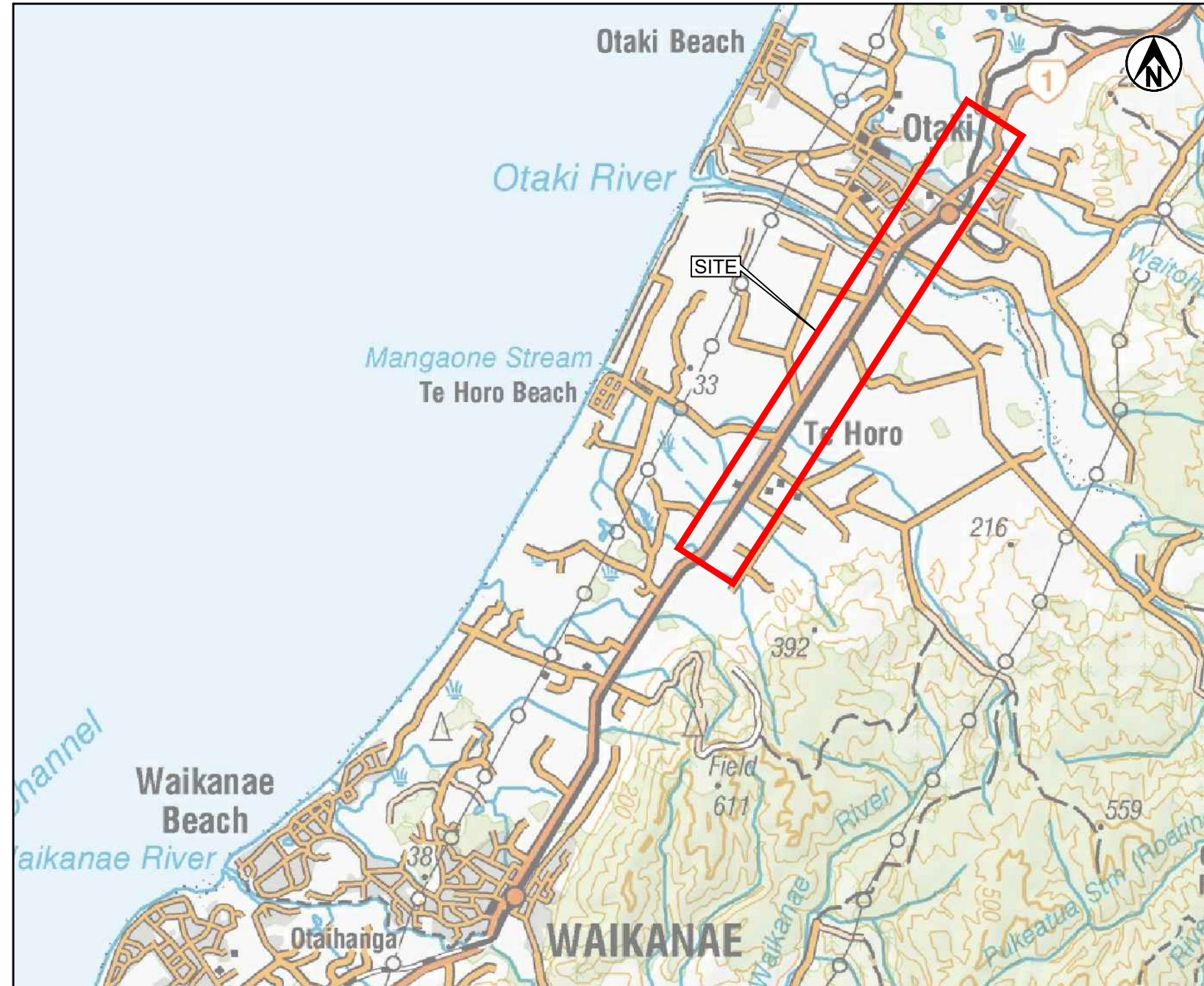
DRAWING	Rev	Title
GENERAL		
● 85920.0040-GE-0001	1	DRAWING LIST
● 85920.0040-GE-0002	1	LOCALITY PLAN
● 85920.0040-GE-0010	1	LEGEND AND NOTES
● 85920.0040-GE-0020	1	OVERALL LAYOUT PLAN
GENERAL PLANS		
● 85920.0040-GE-0201	1	PROPOSED LAYOUT - SHEET 1 OF 24
● 85920.0040-GE-0202	1	PROPOSED LAYOUT - SHEET 2 OF 24
● 85920.0040-GE-0203	1	PROPOSED LAYOUT - SHEET 3 OF 24
● 85920.0040-GE-0204	1	PROPOSED LAYOUT - SHEET 4 OF 24
● 85920.0040-GE-0205	1	PROPOSED LAYOUT - SHEET 5 OF 24
● 85920.0040-GE-0206	1	PROPOSED LAYOUT - SHEET 6 OF 24
● 85920.0040-GE-0207	1	PROPOSED LAYOUT - SHEET 7 OF 24
● 85920.0040-GE-0208	1	PROPOSED LAYOUT - SHEET 8 OF 24
● 85920.0040-GE-0209	1	PROPOSED LAYOUT - SHEET 9 OF 24
● 85920.0040-GE-0210	1	PROPOSED LAYOUT - SHEET 10 OF 24
● 85920.0040-GE-0211	1	PROPOSED LAYOUT - SHEET 11 OF 24
● 85920.0040-GE-0212	1	PROPOSED LAYOUT - SHEET 12 OF 24
● 85920.0040-GE-0213	1	PROPOSED LAYOUT - SHEET 13 OF 24
● 85920.0040-GE-0214	1	PROPOSED LAYOUT - SHEET 14 OF 24
● 85920.0040-GE-0215	1	PROPOSED LAYOUT - SHEET 15 OF 24
● 85920.0040-GE-0216	1	PROPOSED LAYOUT - SHEET 16 OF 24
● 85920.0040-GE-0217	1	PROPOSED LAYOUT - SHEET 17 OF 24
● 85920.0040-GE-0218	1	PROPOSED LAYOUT - SHEET 18 OF 24
● 85920.0040-GE-0219	1	PROPOSED LAYOUT - SHEET 19 OF 24
● 85920.0040-GE-0220	1	PROPOSED LAYOUT - SHEET 20 OF 24
● 85920.0040-GE-0221	1	PROPOSED LAYOUT - SHEET 21 OF 24
● 85920.0040-GE-0222	1	PROPOSED LAYOUT - SHEET 22 OF 24
● 85920.0040-GE-0223	1	PROPOSED LAYOUT - SHEET 23 OF 24
● 85920.0040-GE-0224	1	PROPOSED LAYOUT - SHEET 24 OF 24
CIVIL		
● 85920.0040-CV-0301	1	TYPICAL ROAD CROSS SECTIONS - SHEET 1 OF 11
● 85920.0040-CV-0302	1	TYPICAL ROAD CROSS SECTIONS - SHEET 2 OF 11
● 85920.0040-CV-0303	1	TYPICAL ROAD CROSS SECTIONS - SHEET 3 OF 11
● 85920.0040-CV-0304	1	TYPICAL ROAD CROSS SECTIONS - SHEET 4 OF 11
● 85920.0040-CV-0305	1	TYPICAL ROAD CROSS SECTIONS - SHEET 5 OF 11
● 85920.0040-CV-0306	1	TYPICAL ROAD CROSS SECTIONS - SHEET 6 OF 11

DRAWING	Rev	Title
● 85920.0040-CV-0307	1	TYPICAL ROAD CROSS SECTIONS - SHEET 7 OF 11
● 85920.0040-CV-0308	1	TYPICAL ROAD CROSS SECTIONS - SHEET 8 OF 11
● 85920.0040-CV-0309	1	TYPICAL ROAD CROSS SECTIONS - SHEET 9 OF 11
● 85920.0040-CV-0310	1	TYPICAL ROAD CROSS SECTIONS - SHEET 10 OF 11
● 85920.0040-CV-0311	1	TYPICAL ROAD CROSS SECTIONS - SHEET 11 OF 11
● 85920.0040-CV-0361	1	STANDARD ROAD DETAILS
DRAINAGE		
● 85920.0040-DR-0401	1	PROPOSED DRAINAGE LAYOUT - SHEET 1 OF 24
● 85920.0040-DR-0402	1	PROPOSED DRAINAGE LAYOUT - SHEET 2 OF 24
● 85920.0040-DR-0403	1	PROPOSED DRAINAGE LAYOUT - SHEET 3 OF 24
● 85920.0040-DR-0404	1	PROPOSED DRAINAGE LAYOUT - SHEET 4 OF 24
● 85920.0040-DR-0405	1	PROPOSED DRAINAGE LAYOUT - SHEET 5 OF 24
● 85920.0040-DR-0406	1	PROPOSED DRAINAGE LAYOUT - SHEET 6 OF 24
● 85920.0040-DR-0407	1	PROPOSED DRAINAGE LAYOUT - SHEET 7 OF 24
● 85920.0040-DR-0408	1	PROPOSED DRAINAGE LAYOUT - SHEET 8 OF 24
● 85920.0040-DR-0409	1	PROPOSED DRAINAGE LAYOUT - SHEET 9 OF 24
● 85920.0040-DR-0410	1	PROPOSED DRAINAGE LAYOUT - SHEET 10 OF 24
● 85920.0040-DR-0411	1	PROPOSED DRAINAGE LAYOUT - SHEET 11 OF 24
● 85920.0040-DR-0412	1	PROPOSED DRAINAGE LAYOUT - SHEET 12 OF 24
● 85920.0040-DR-0413	1	PROPOSED DRAINAGE LAYOUT - SHEET 13 OF 24
● 85920.0040-DR-0414	1	PROPOSED DRAINAGE LAYOUT - SHEET 14 OF 24
● 85920.0040-DR-0415	1	PROPOSED DRAINAGE LAYOUT - SHEET 15 OF 24
● 85920.0040-DR-0416	1	PROPOSED DRAINAGE LAYOUT - SHEET 16 OF 24
● 85920.0040-DR-0417	1	PROPOSED DRAINAGE LAYOUT - SHEET 17 OF 24
● 85920.0040-DR-0418	1	PROPOSED DRAINAGE LAYOUT - SHEET 18 OF 24
● 85920.0040-DR-0419	1	PROPOSED DRAINAGE LAYOUT - SHEET 19 OF 24
● 85920.0040-DR-0420	1	PROPOSED DRAINAGE LAYOUT - SHEET 20 OF 24
● 85920.0040-DR-0421	1	PROPOSED DRAINAGE LAYOUT - SHEET 21 OF 24
● 85920.0040-DR-0422	1	PROPOSED DRAINAGE LAYOUT - SHEET 22 OF 24
● 85920.0040-DR-0423	1	PROPOSED DRAINAGE LAYOUT - SHEET 23 OF 24
● 85920.0040-DR-0424	1	PROPOSED DRAINAGE LAYOUT - SHEET 24 OF 24
TRANSPORT		
● 85920.0040-TR-0501	1	RAHUI RD / MILL RD INTERSECTION PLAN
● 85920.0040-TR-0502	1	ARTHUR ST INTERSECTION PLAN
● 85920.0040-TR-0503	1	WAERENGA RD INTERSECTION PLAN
● 85920.0040-TR-0504	1	RIVERBANK RD INTERSECTION PLAN
● 85920.0040-TR-0505	1	TE HORO BEACH RD INTERSECTION PLAN
STRUCTURES		
● 85920.0040-ST-0661	1	STANDARD DETAILS

● Denotes drawing this issue: 26/11/2021

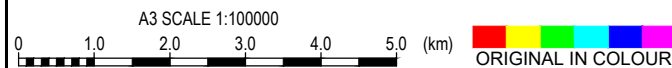


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					DRAWN	DSW	Oct.21	PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	TITLE	GENERAL
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN	DRAWING LIST	
					NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE	SCALE (A3)		N.T.S.	DWG No. 85920.0040-GE-0001
									REV	1



TOPOMAP SOURCED FROM LINZ DATA SERVICE <https://data.linz.govt.nz/layer/50798-nz-topo250-maps/>, LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 07/08/2019.

LOCALITY PLAN
SCALE 1:100,000



1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	DSW	Oct.21		
					DESIGN CHECKED	RWD	26/11/21	PRELIMINARY DESIGN	
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL LOCALITY PLAN
SCALE (A3)	1:100,000
DWG No.	85920.0040-GE-0002
REV	1

LEGENDS

EXISTING

- PROPERTY BOUNDARY
- KIWIRAIL DESIGNATION
- SH1 DESIGNATION
- EXISTING KERB
- EXISTING EDGE OF SEAL
- EXISTING ROAD SAFETY BARRIER
- EXISTING FENCE
- EXISTING BUILDING FOOTPRINT
- EXISTING BACK OF FOOTPATH CHANNEL
- STREAM
- EXISTING OPEN CHANNEL

EXISTING UTILITIES

- EXISTING CULVERT
- EXISTING STORMWATER PIPE
- EXISTING - UNKNOWN PIPE
- EXISTING WATER
- EXISTING WASTEWATER
- EXISTING GAS
- EXISTING POWER
- EXISTING CHORUS
- EXISTING MANHOLE
- EXISTING CATCHPIT

EXPRESSWAY WORKS (BY OTHERS)

- EXPRESSWAY DESIGN WORKS
- NEW SHARED PATH

SHARED PATH WORKS (BY OTHERS)

- NEW KERB
- NEW SHARED PATH
- BERM
- SHARED PATH STORMWATER PIPE
- SHARED PATH OPEN DRAIN
- SHARED PATH SOAK PIT
- SHARED PATH STORMWATER MANHOLE
- SHARED PATH CATCHPIT
- SHARED SOAK PIT

REVOCATION DESIGN

- REVOCATION WORKS BOUNDARY
- NEW KERB
- NEW EDGE OF SEAL
- NEW / EXTENDED FOOTPATH
- NEW SHARED PATH
- NEW TRAFFIC ISLAND / RAISED TABLE
- NEW PLANTING
- NEW WHITE ROAD MARKING
- NEW YELLOW ROAD MARKING
- NEW NO-STOPPING LINE
- NEW CYCLE COLOURED SURFACING
- NEW ROAD SIGN

UTILITIES

- PROPOSED PIPE UPGRADE EXTENTS
- NEW CONCRETE DISH CHANNEL
- KERB TO BE CUT
- NEW STORMWATER PIPE AND NEW 300 DIA SUMP LEAD (RCRRJ)
- DRAINAGE CHANNEL THROUGH KERB
- EXISTING STORMWATER PIPE TO BE ABANDONED
- NEW MANHOLE
- NEW CATCHPIT MANHOLE
- NEW CATCHPIT
- EXISTING CATCHPIT RETAINED

GENERAL NOTES:

- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
- AERIAL PHOTO SOURCED FROM LINZ DATA SERVICE <https://data.linz.govt.nz/layer/95526-kapiti-coast-010m-urban-aerial-photos-2017/> , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 21/10/2020.
- PROPERTY BOUNDARIES SOURCED FROM LINZ DATA SERVICE <https://data.linz.govt.nz/layer/50772-nz-primary-parcels/> , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 04/11/2020.
- EXISTING STATE HIGHWAY FEATURES AND ROAD MARKINGS SUPPLIED BY REVEAL, DATED 4/26/2021.
- AS BUILT UTILITIES AND PP20 REFERENCE DRAWINGS SUPPLIED BY WAKA KOTAHI, RECEIVED 05/10/2020.
- REVOCATION SHARED PATH SUPPLIED BY WSP, REFERENCE FILE: 5-C3399.21(1) C1-C12_C31-C43_11-08-2020.dwg. RECEIVED 12/08/2020. FOR SHARED PATH DESIGN DETAILS REFER TO WSP DOCUMENTATION.
- FOR LANDSCAPE DESIGN REFER TO STUDIO PACIFIC LANDSCAPE DOCUMENTATION.

UTILITIES NOTES:

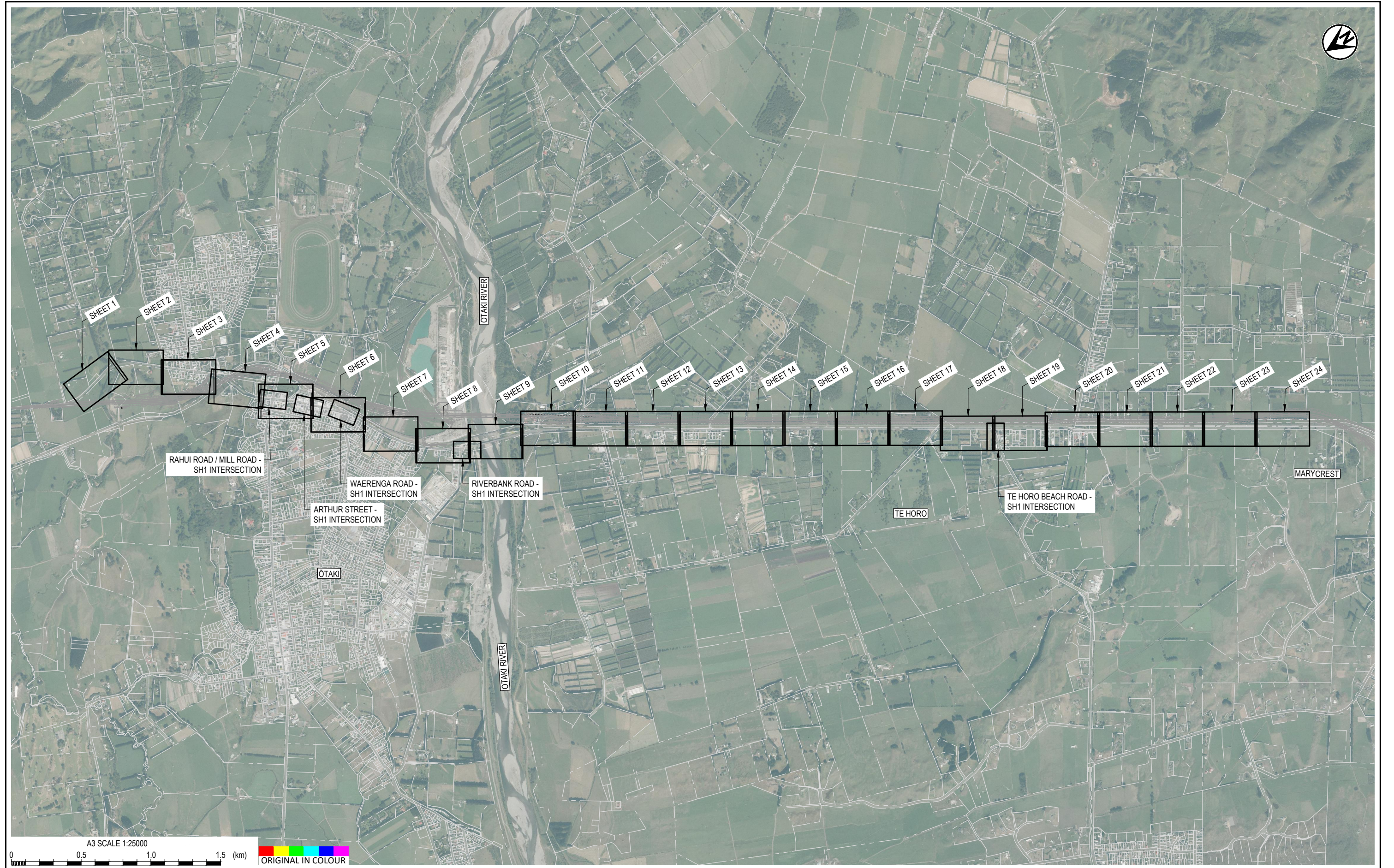
- FOR TYPICAL ROAD CROSS SECTION REFER TO DRAWING 85920.0040-CV-0300 SERIES DRAWINGS.
- FOR SHARED PATH DESIGN REFER TO WSP DRAWINGS 5-C3399.21(1) C1 TO C43.
- FOR LANDSCAPE DESIGN REFER TO STUDIO PACIFIC LANDSCAPE DOCUMENTATION.
- NEW DRAINAGE TO BE IN ACCORDANCE WITH THE FOLLOWING KCDC STANDARD DETAILS:
 KCDC-SW-001 STANDARD SINGLE SUMP
 KCDC-CM-001 EMBEDMENT AND TRENCHFILL
 KCDC-CM-004 STANDARD MANHOLE DETAILS
 KCDC-CM-008 MANHOLE DETAILS
 KCDC-RD-001 KERB AND CHANNEL DETAILS
 KCDC-SW-002 STANDARD DOUBLE SUMPS
- EXISTING UTILITIES GREYED OUT FOR CLARITY. EXISTING AND PROPOSED STORMWATER DRAINAGE SHOWN IN COLOUR.
- EXPRESSWAY WORKS GREYED OUT FOR CLARITY.
- UTILITIES CLASH DETECTION AND SERVICE RELOCATIONS CARRIED OUT BY REVEAL. REFER TO 'RVL008420 - PP20 REVOCATION - CLASH DETECTION MAPSHEETS 1 TO 33' AND SUPPORTING TABLES.
- NEW CATCHPIT GRATES IN CARRIAGEWAY TO BE CLASS D CYCLE FRIENDLY (HYNDS 675 x 450 STORMWATER HYDRO GRATE AND FRAME OR SIMILAR APPROVED). NEW DISH CHANNEL GRATES IN FOOTPATH TO BE CLASS A PEDESTRIAN FRIENDLY (HYNDS 675 x 450 GALVANIZED HEELPROOF GRATE AND FRAME OR SIMILAR APPROVED).

ORIGINAL IN COLOUR



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION		
TITLE	GENERAL LEGEND AND NOTES		
SCALE (A3)	N.T.S.	DWG No.	85920.0040-GE-0010
REV	1		



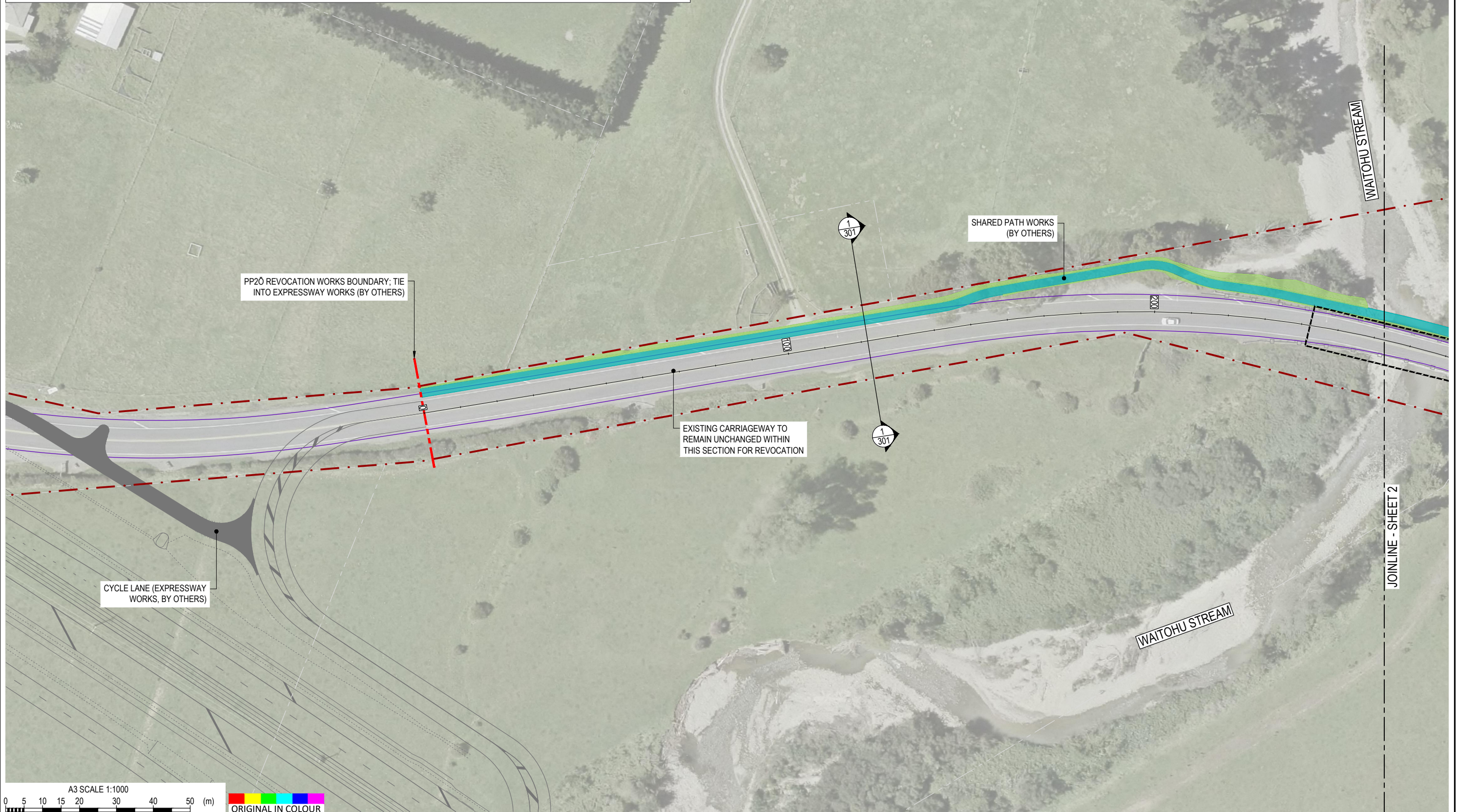
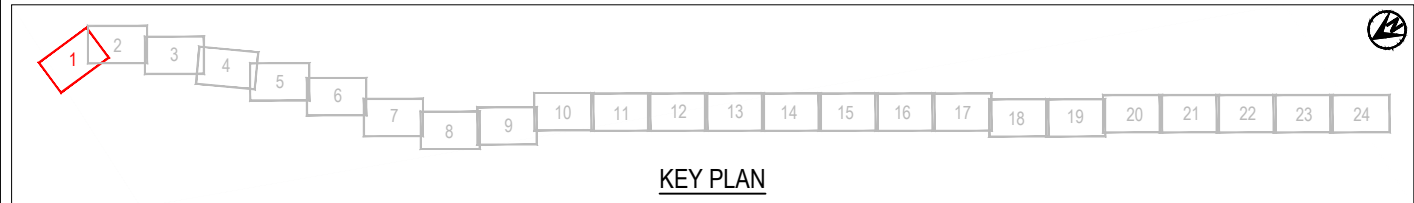
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WAKA KOTAHI
NZ TRANSPORT AGENCY

Kāpiti Coast
DISTRICT COUNCIL
Me Huri Whakamuri, Ka Titiro Whakamua

DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
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DRAWING CHECKED	MROH	5/10/21				
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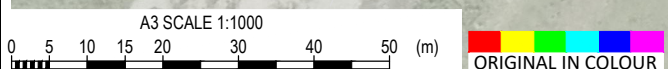
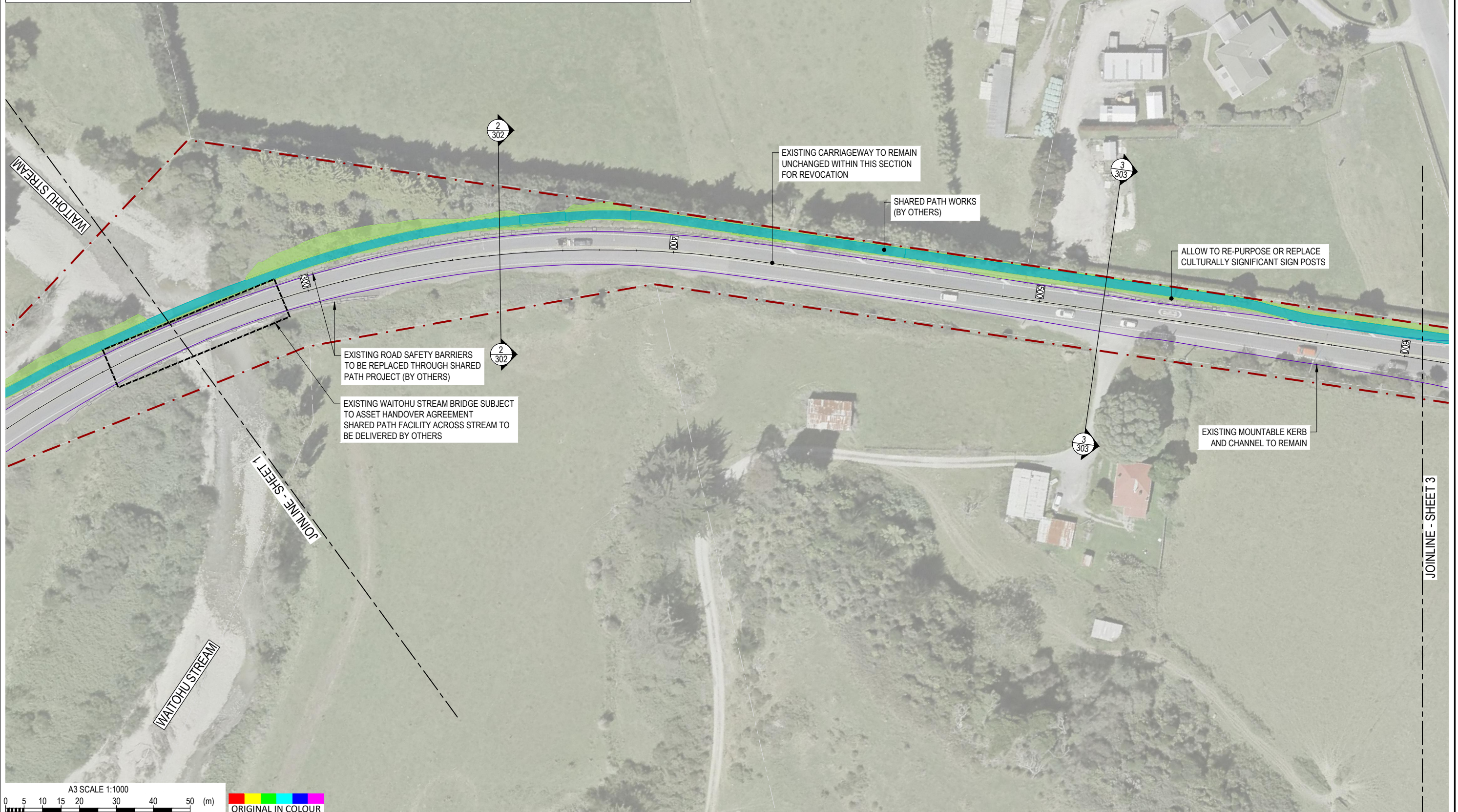
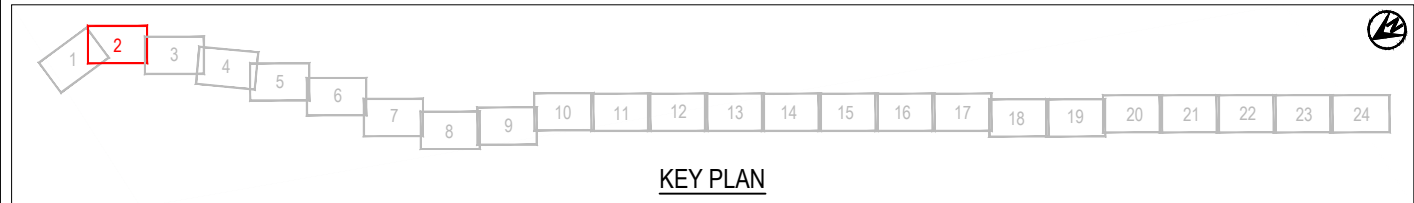
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PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	GENERAL OVERALL LAYOUT PLAN
SCALE (A3)	1:25000
DWG No.	85920.0040-GE-0020
REV	1



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DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
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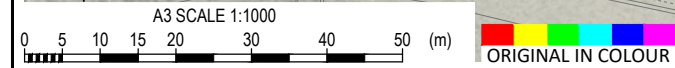
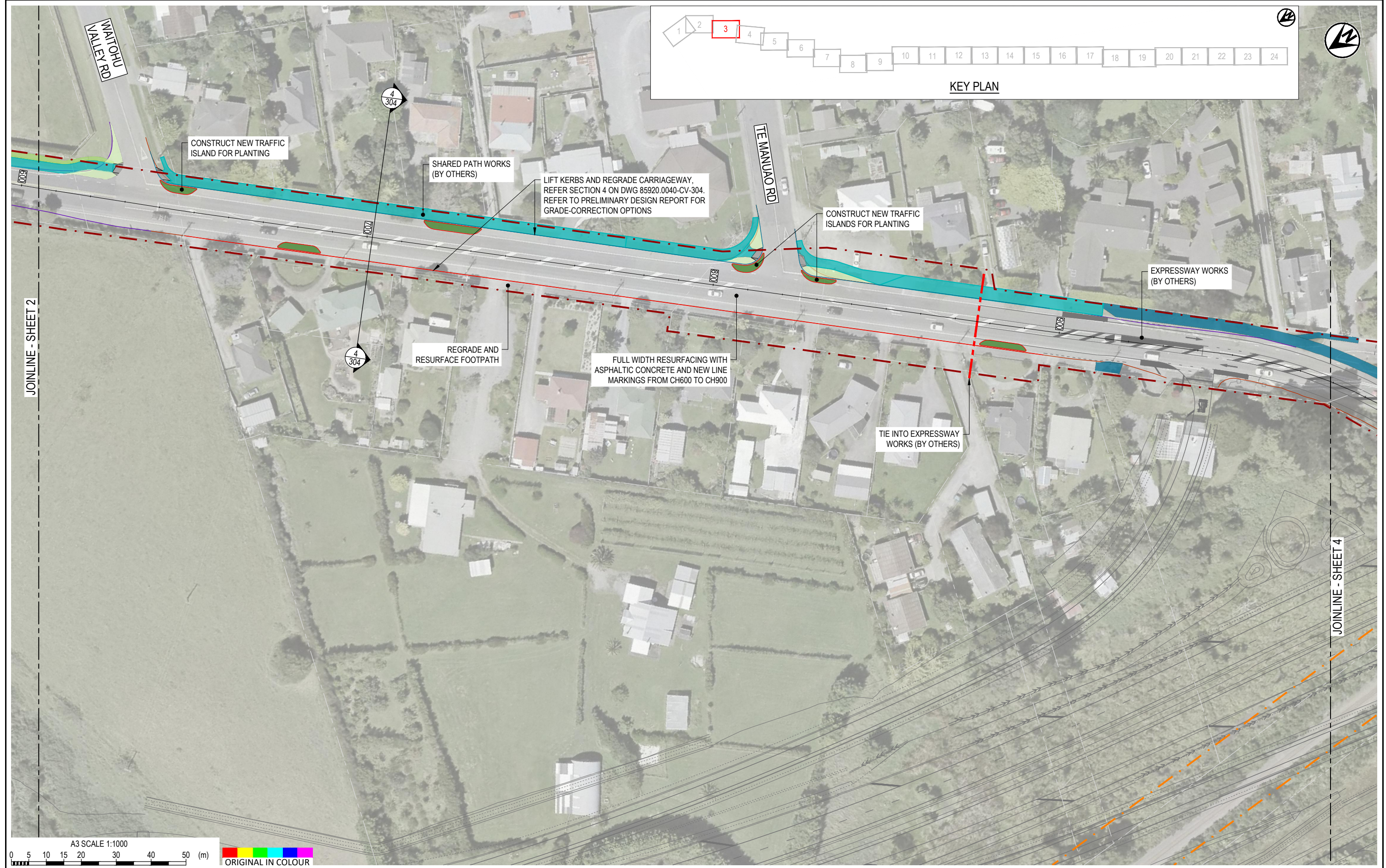
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 1 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0201
REV	1

JOINLINE - SHEET 2



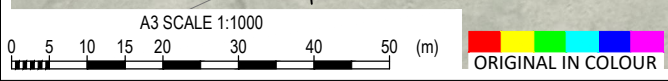
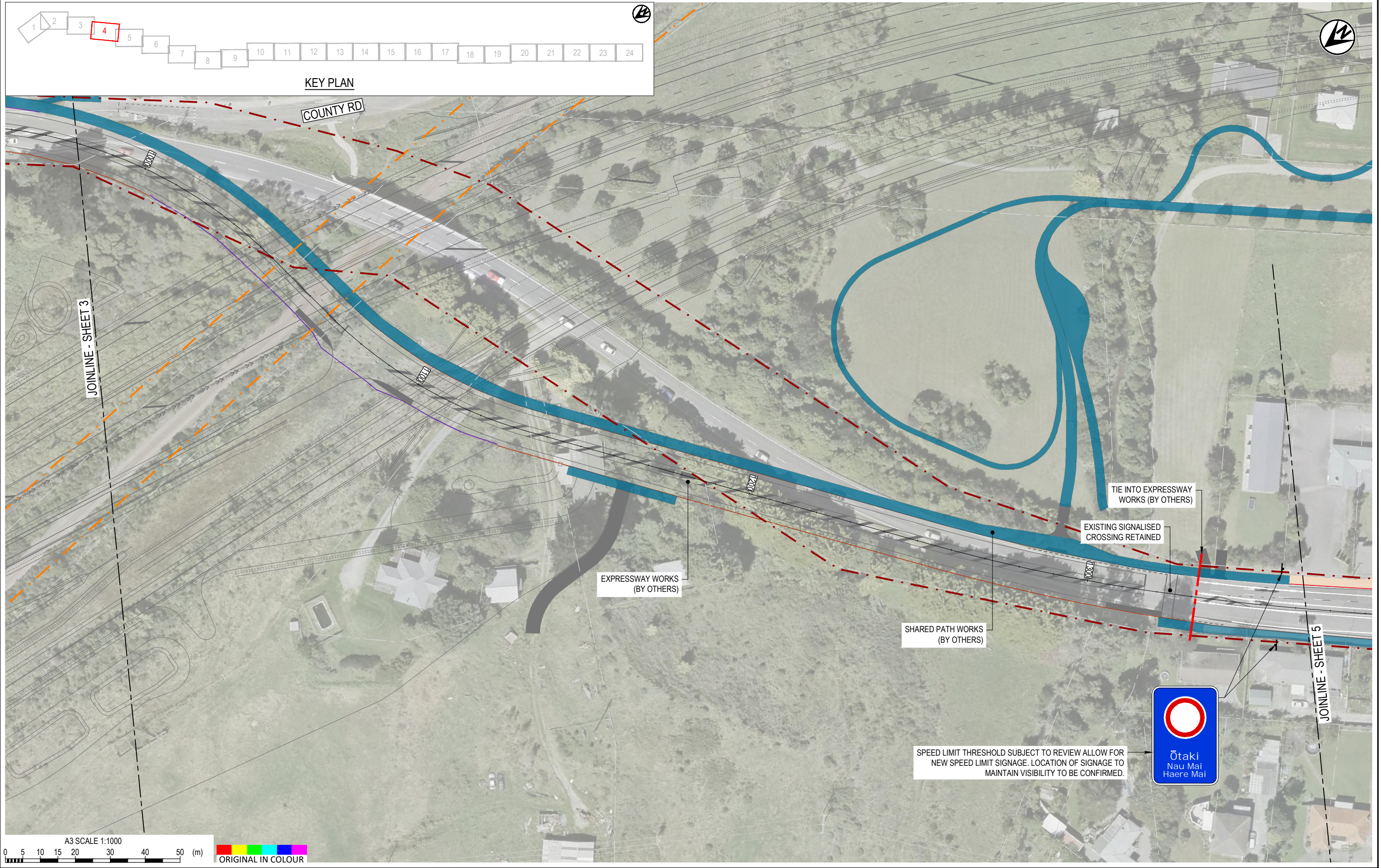
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DRAWING CHECKED	MROH	5/10/21		
NOT FOR CONSTRUCTION				
<small>THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED</small>				
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 2 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0202
REV	1



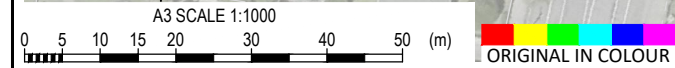
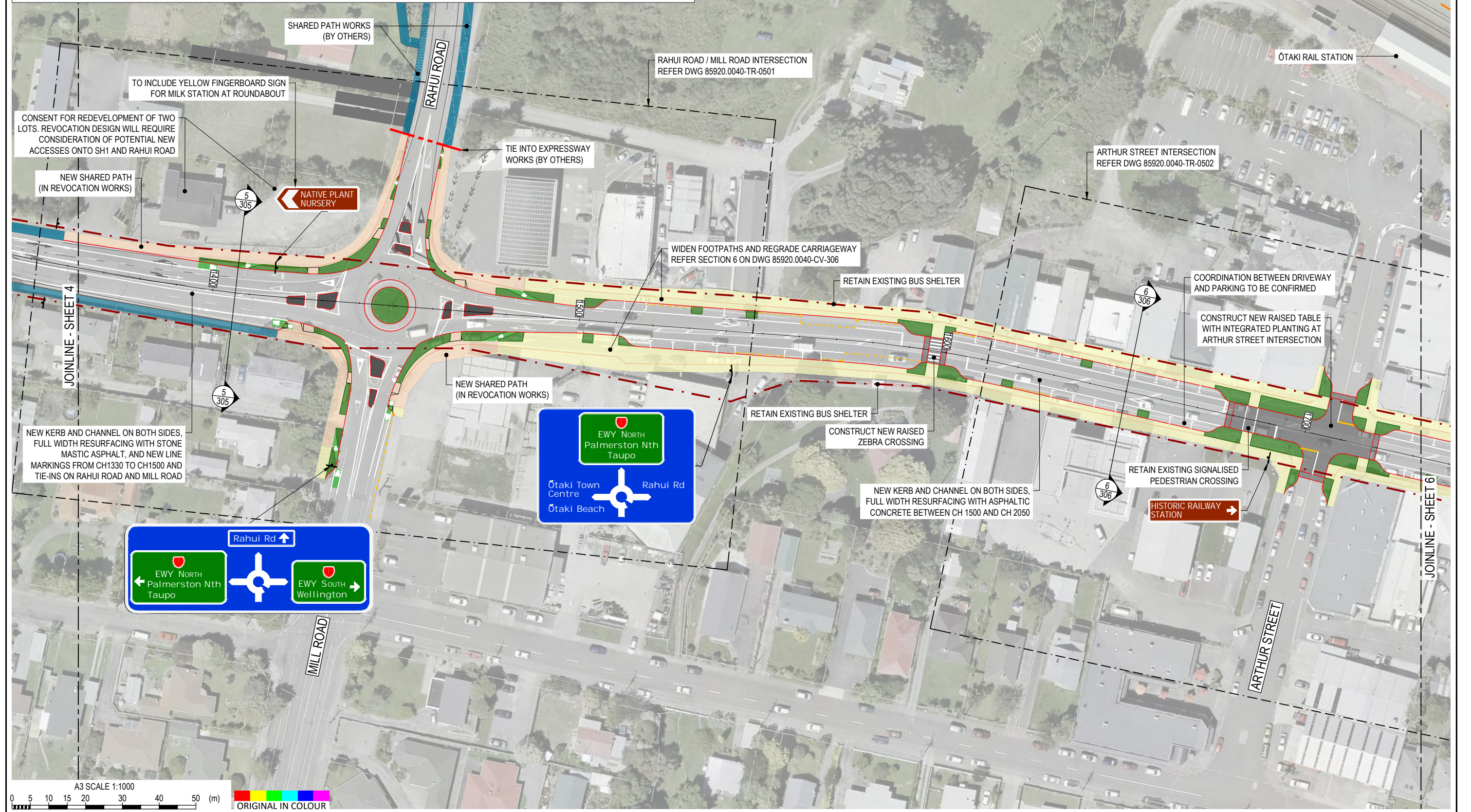
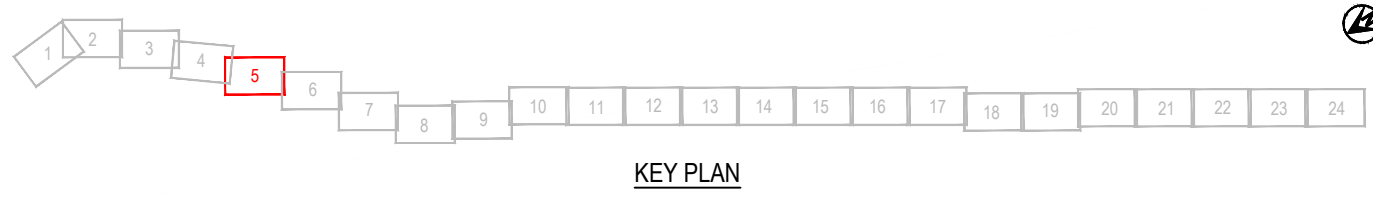
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1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 3 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0203
REV	1



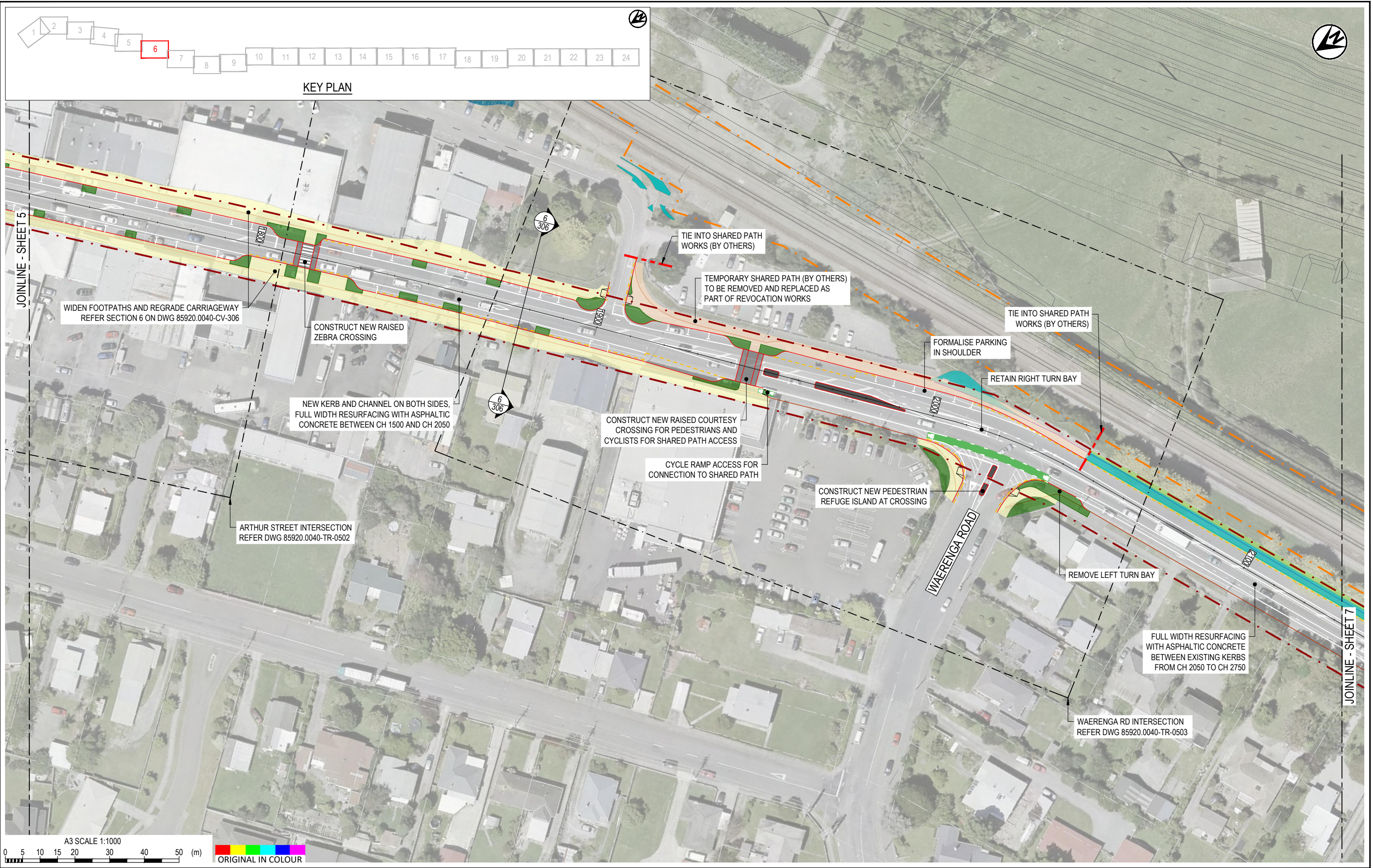
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CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 4 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0204
REV	1



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE	PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	TITLE	GENERAL PLANS
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN		PROPOSED LAYOUT - SHEET 5 OF 24
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	

SCALE (A3)	1:1000	DWG No.	85920.0040-GE-0205	REV	1
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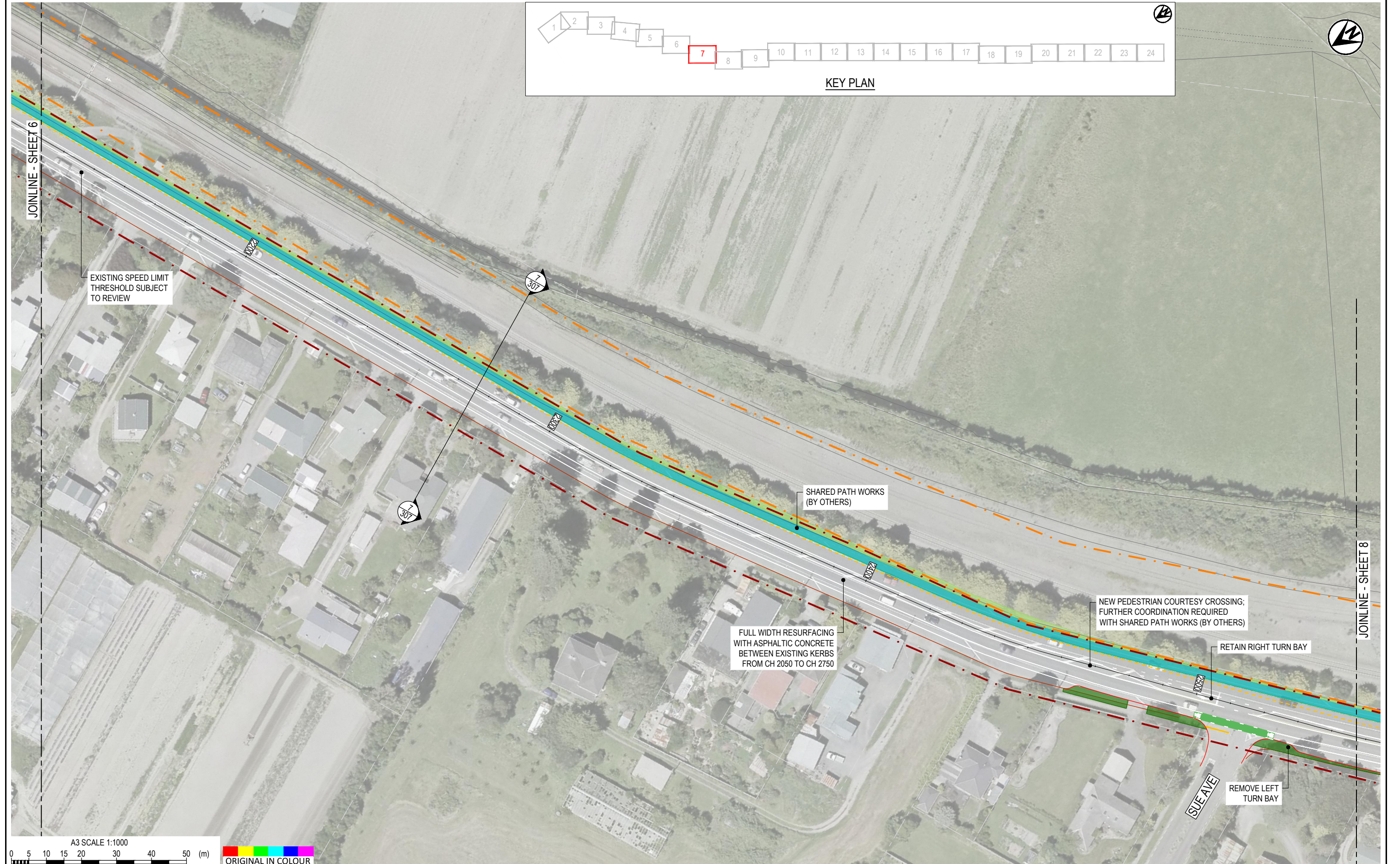
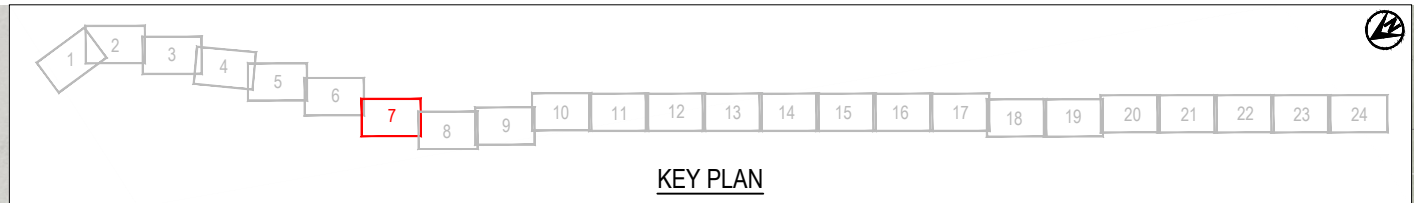
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Exceptional thinking together

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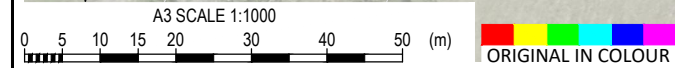
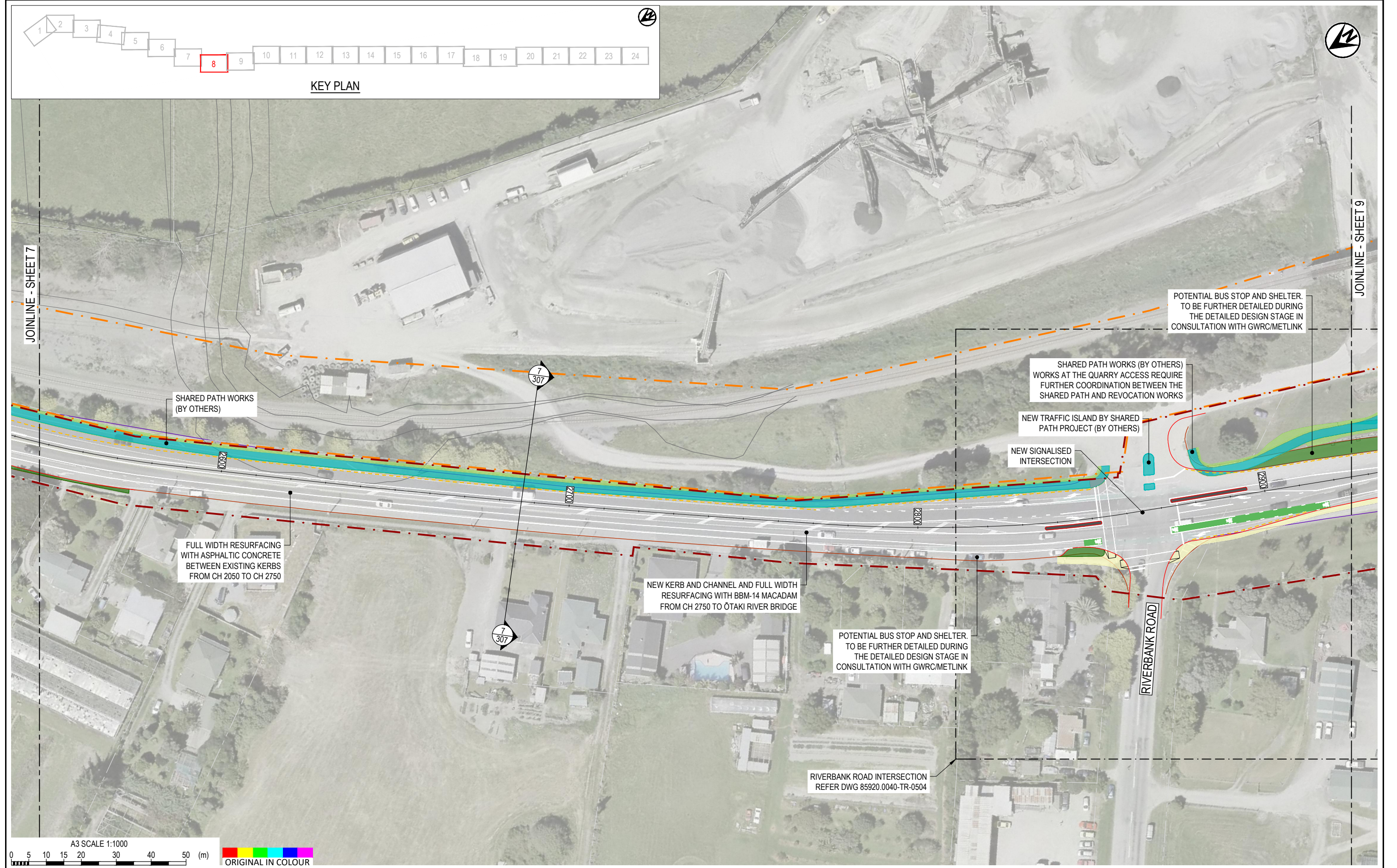
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1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 6 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0206
REV	1



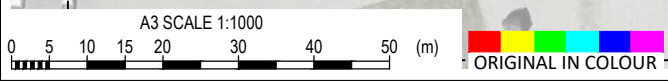
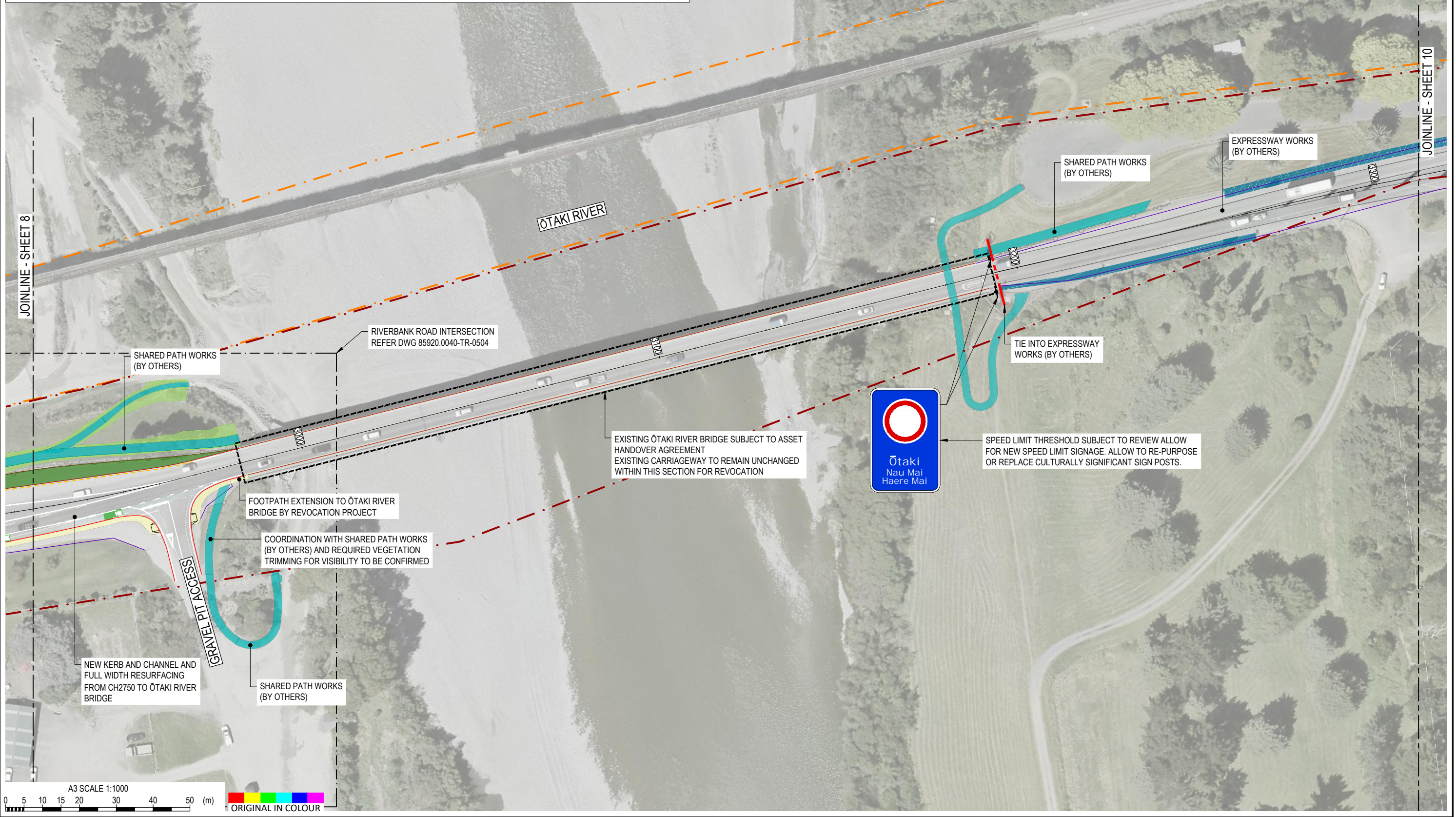
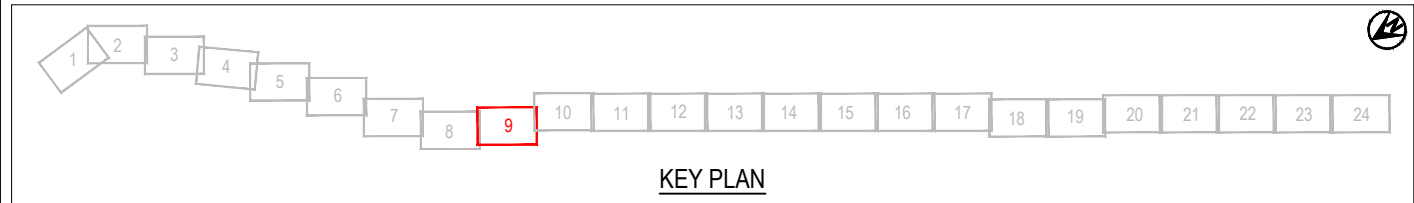
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE
		APPROVED		DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 7 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0207
REV	1



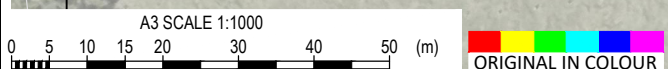
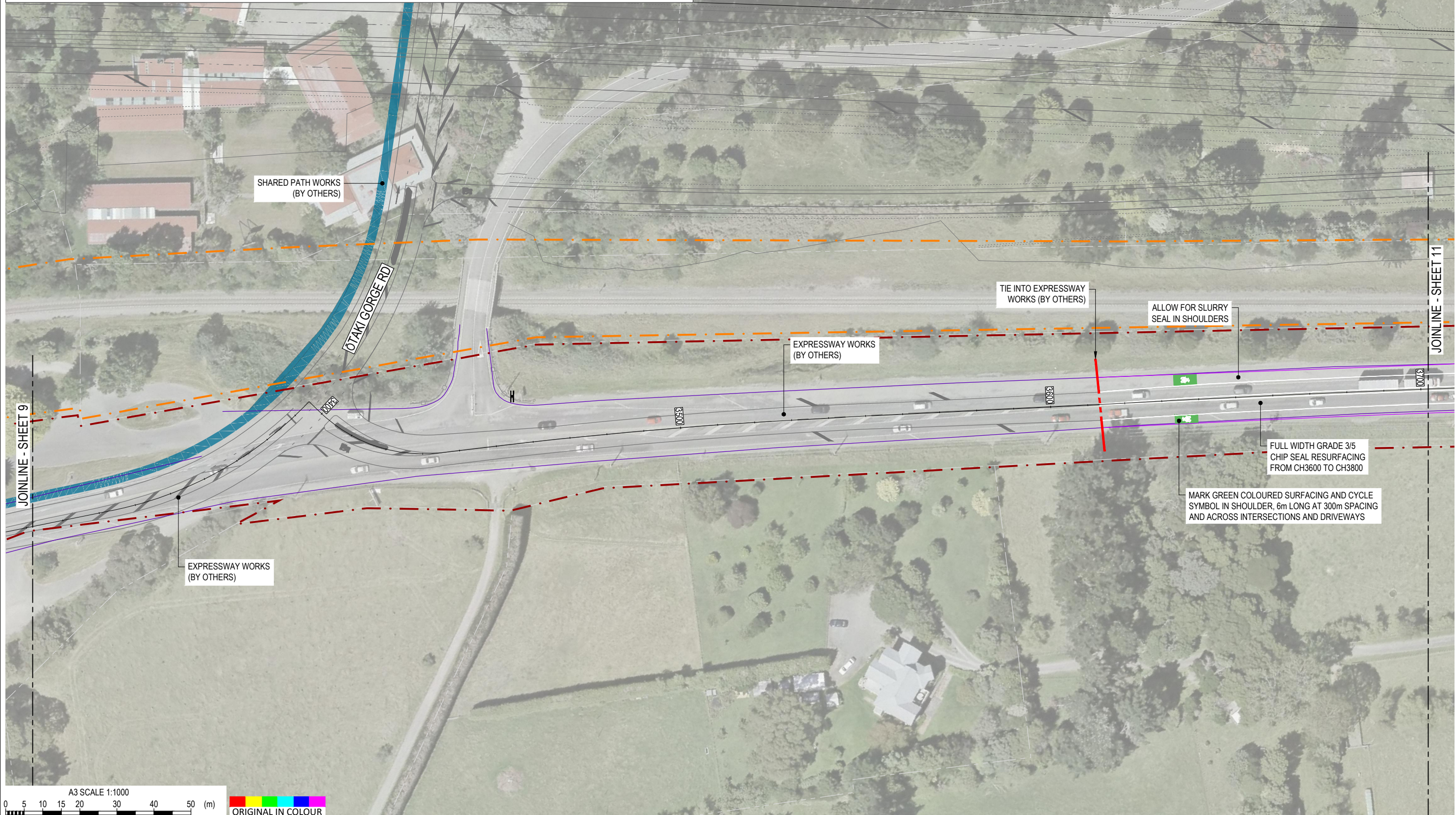
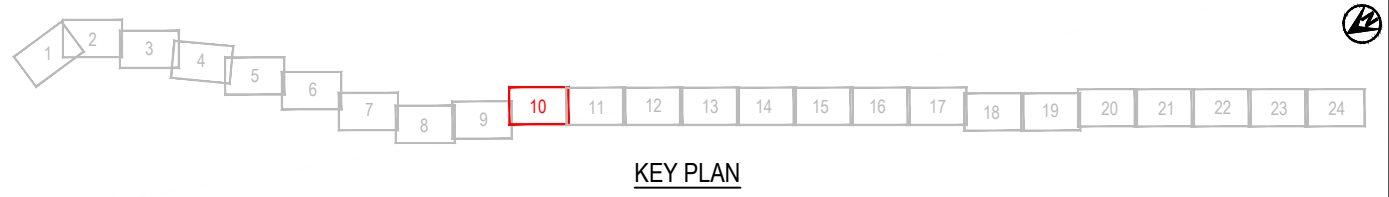
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21				
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION						
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 8 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0208
REV	1



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21				
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

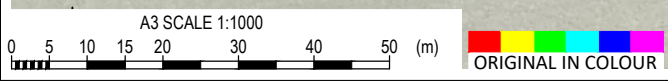
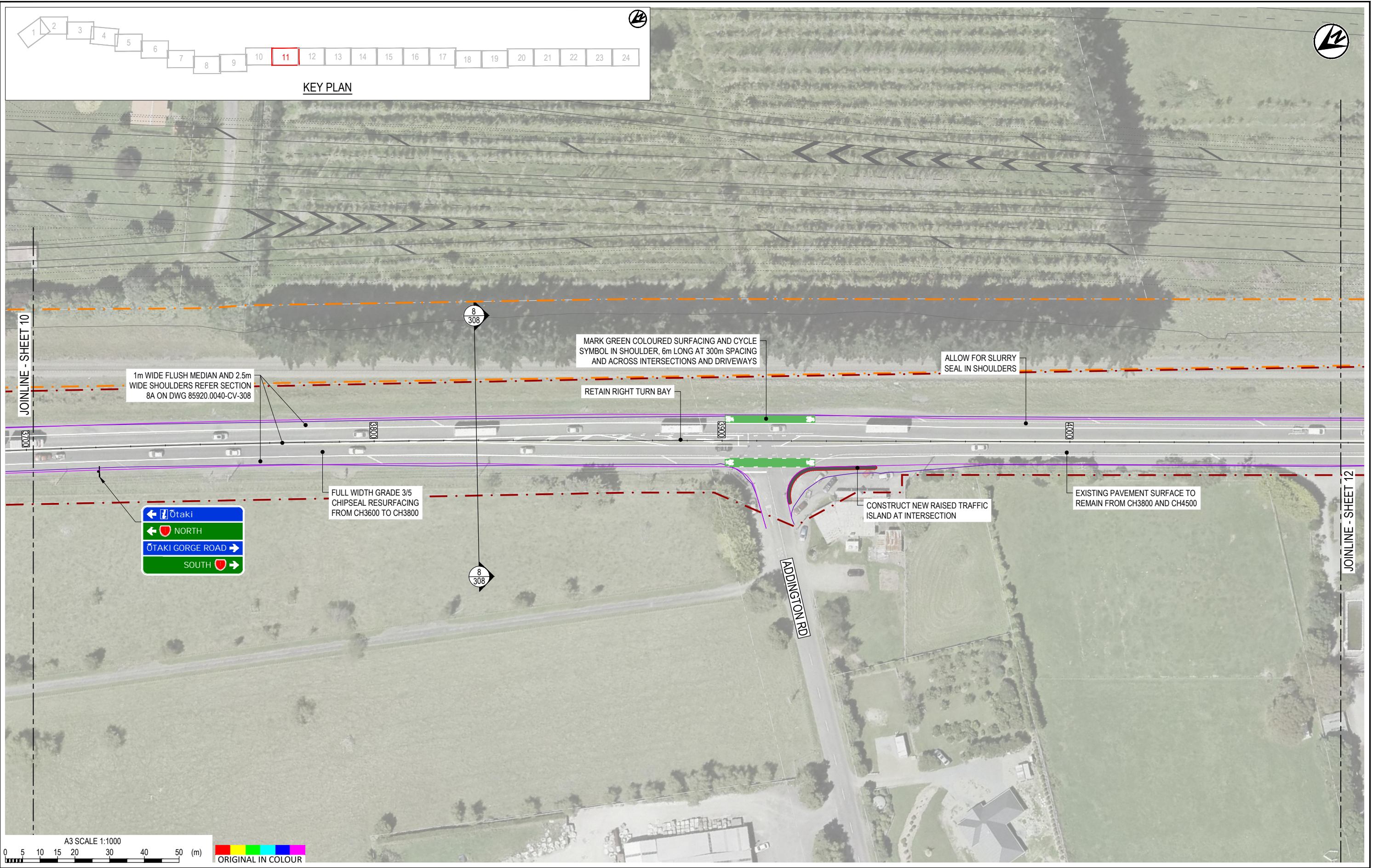
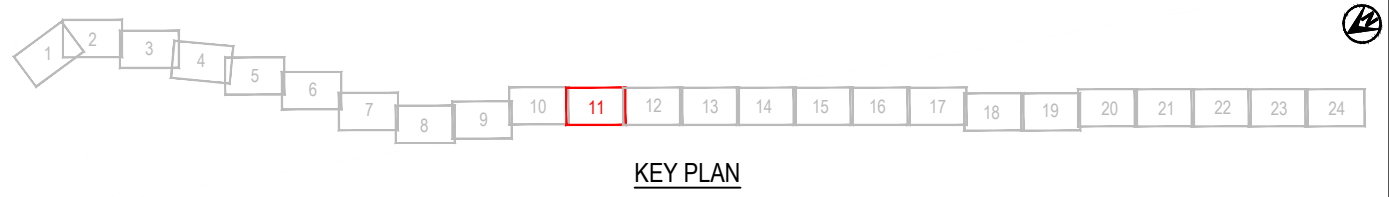
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 9 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0209
REV	1



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21

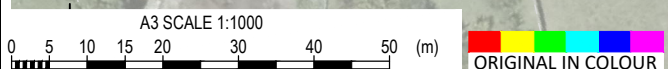
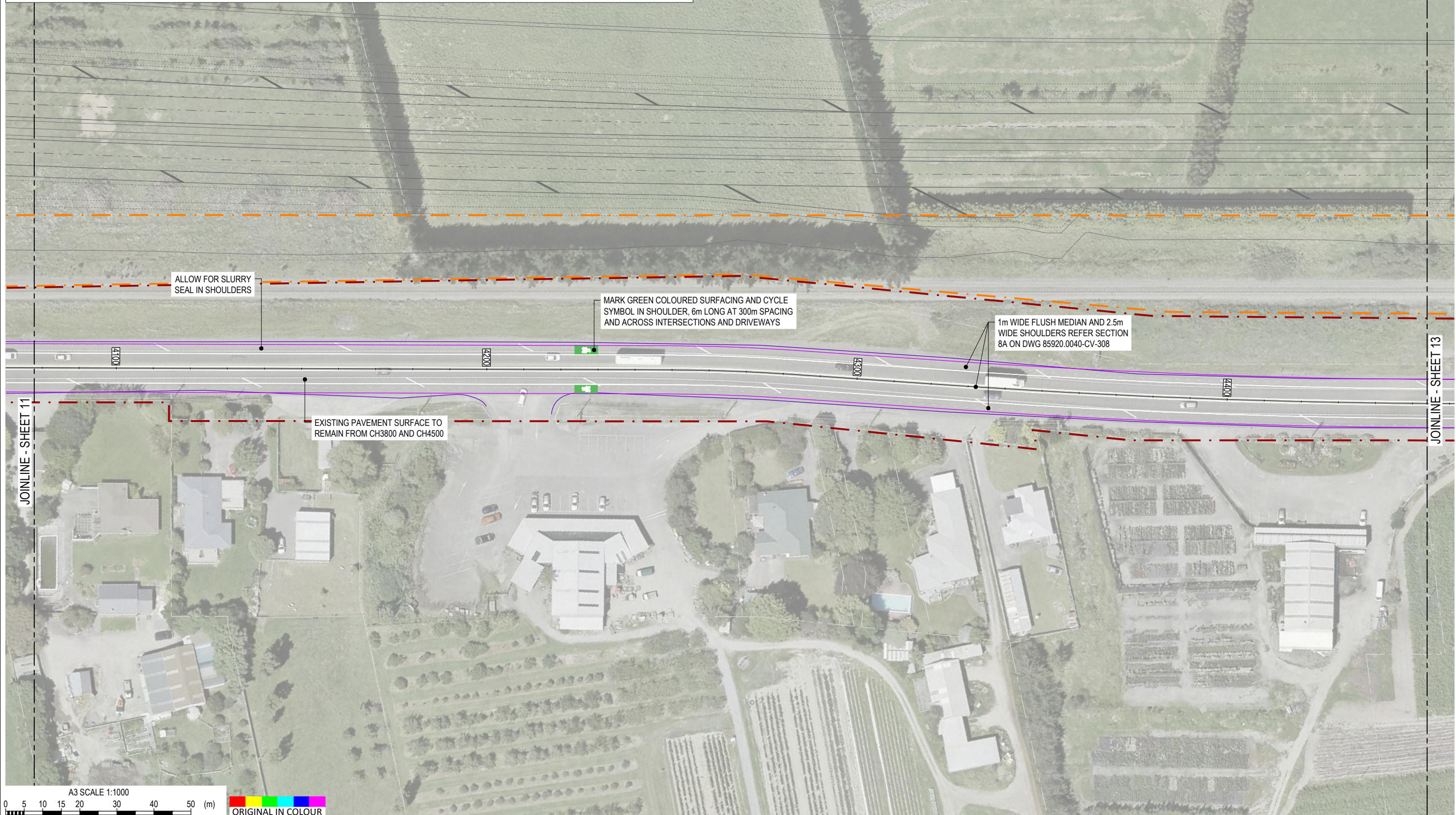
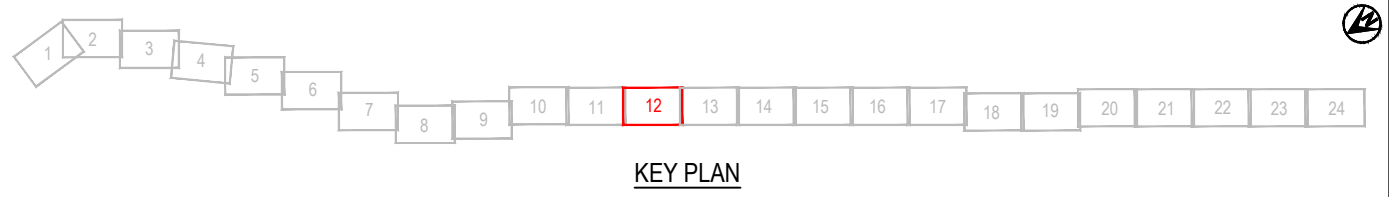
DESIGNED	JASZ	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 10 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0210
REV	1



1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS
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					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

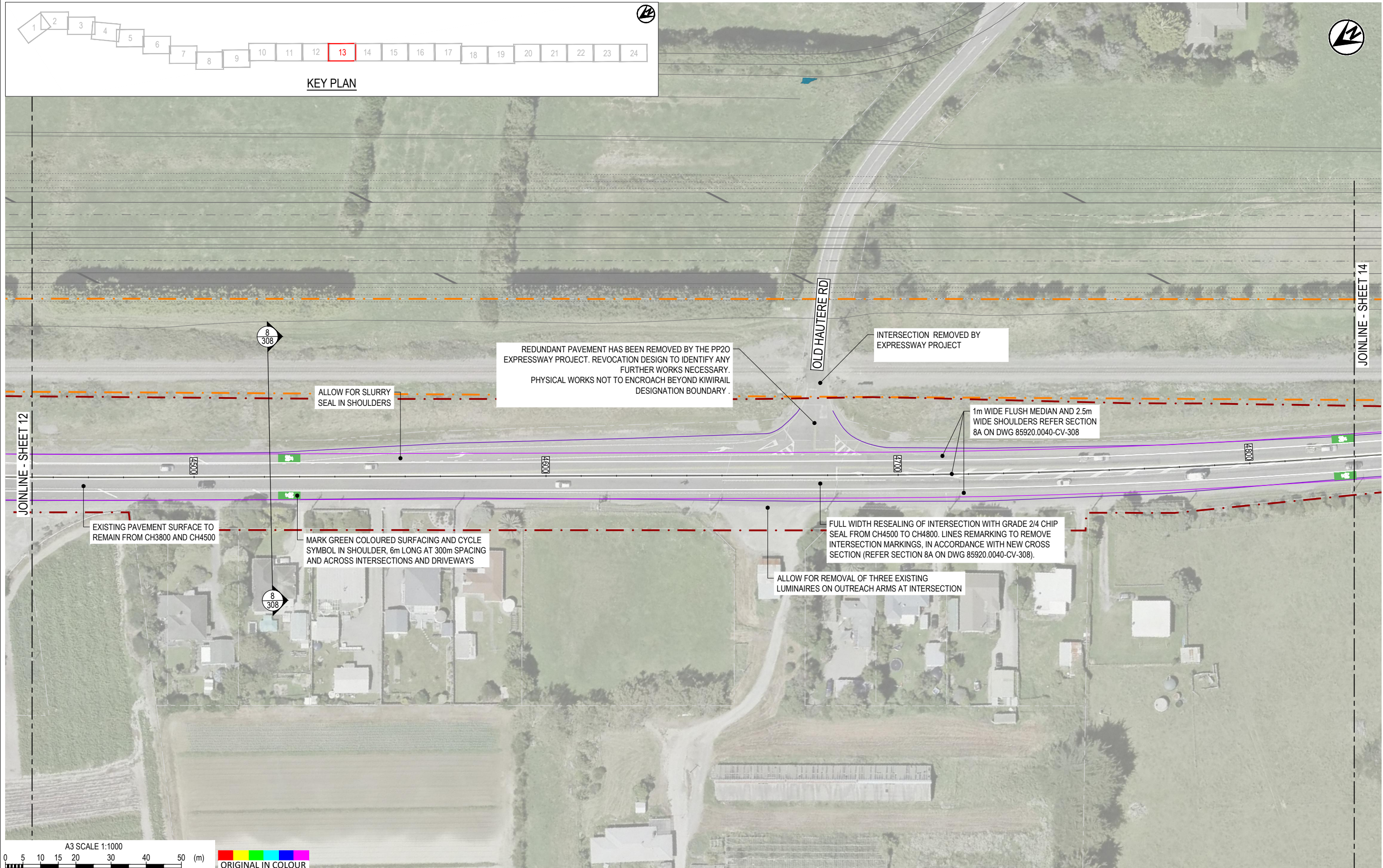
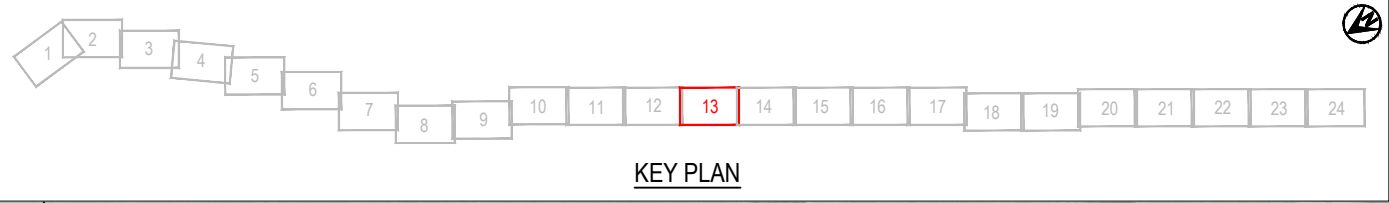
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 11 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0211
REV	1



1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

DESIGNED	JASZ	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 12 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0212
REV	1



REDUNDANT PAVEMENT HAS BEEN REMOVED BY THE PP20 EXPRESSWAY PROJECT. REVOCATION DESIGN TO IDENTIFY ANY FURTHER WORKS NECESSARY. PHYSICAL WORKS NOT TO ENCROACH BEYOND KIWIRAIL DESIGNATION BOUNDARY.

INTERSECTION REMOVED BY EXPRESSWAY PROJECT

1m WIDE FLUSH MEDIAN AND 2.5m WIDE SHOULDERS REFER SECTION 8A ON DWG 85920.0040-CV-308

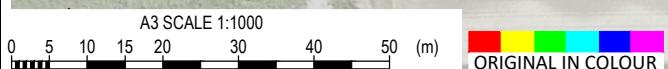
ALLOW FOR SLURRY SEAL IN SHOULDERS

EXISTING PAVEMENT SURFACE TO REMAIN FROM CH3800 AND CH4500

MARK GREEN COLOURED SURFACING AND CYCLE SYMBOL IN SHOULDER, 6m LONG AT 300m SPACING AND ACROSS INTERSECTIONS AND DRIVEWAYS

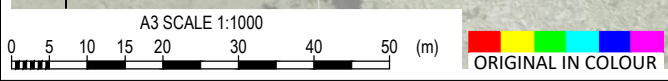
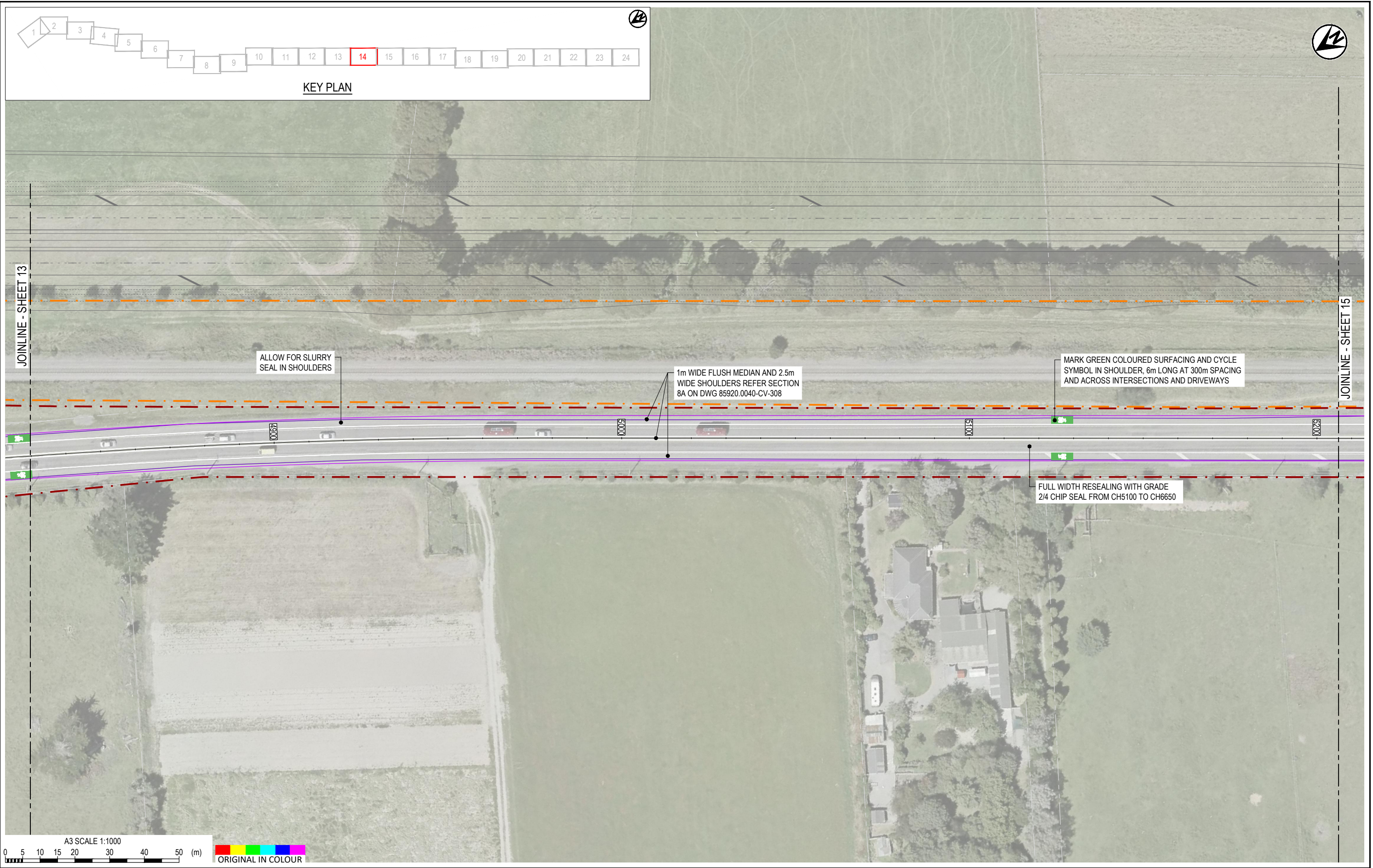
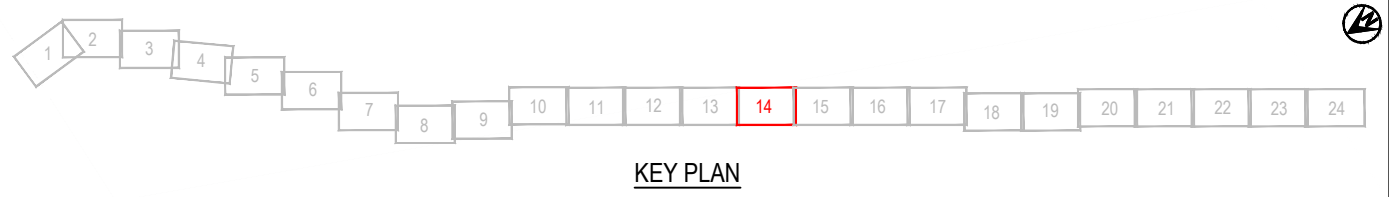
FULL WIDTH RESEALING OF INTERSECTION WITH GRADE 2/4 CHIP SEAL FROM CH4500 TO CH4800. LINES REMARKING TO REMOVE INTERSECTION MARKINGS, IN ACCORDANCE WITH NEW CROSS SECTION (REFER SECTION 8A ON DWG 85920.0040-CV-308).

ALLOW FOR REMOVAL OF THREE EXISTING LUMINAIRES ON OUTREACH ARMS AT INTERSECTION



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION			
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 13 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0213
REV	1

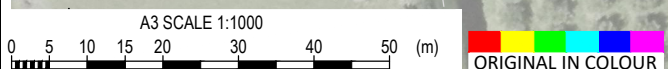
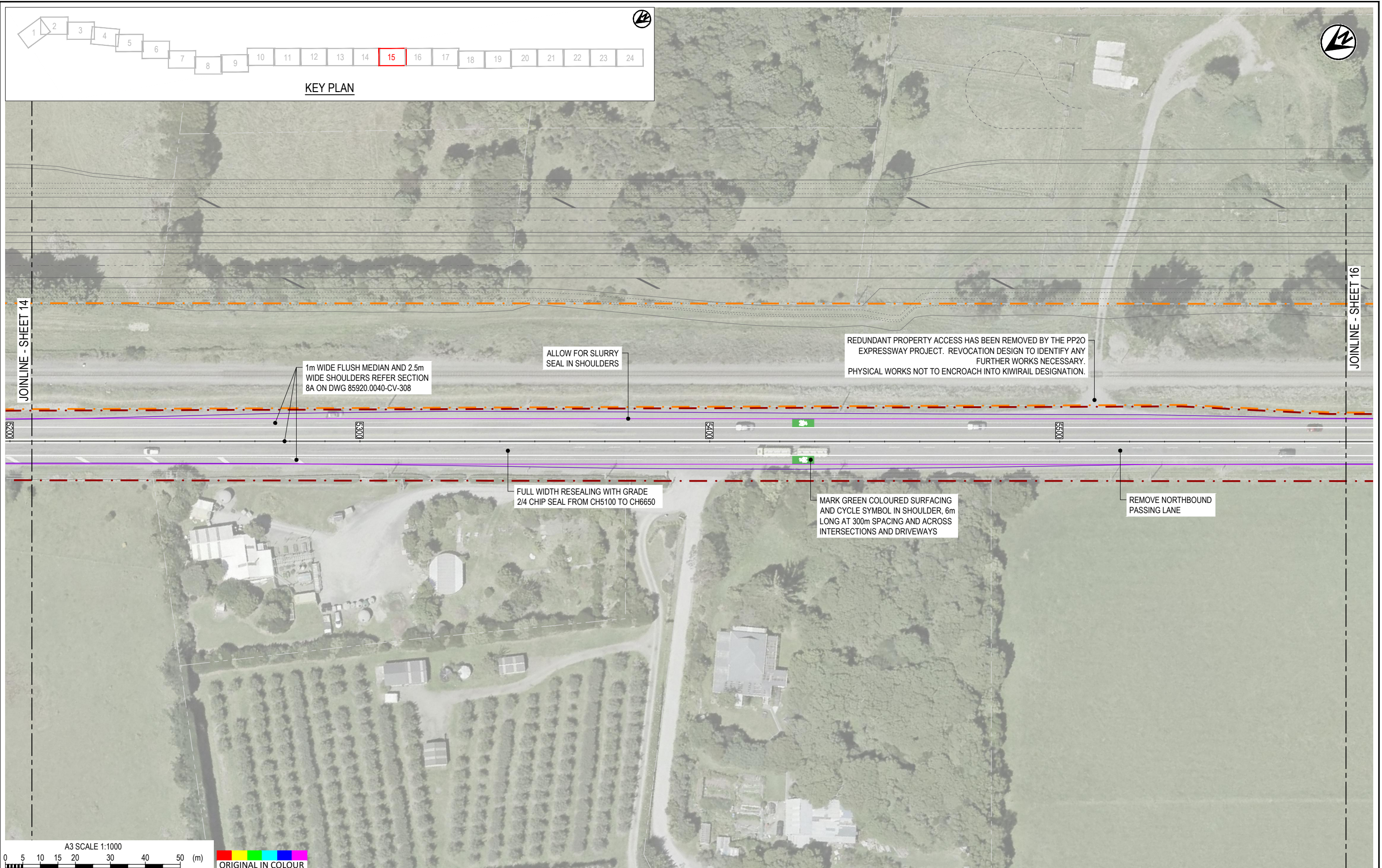
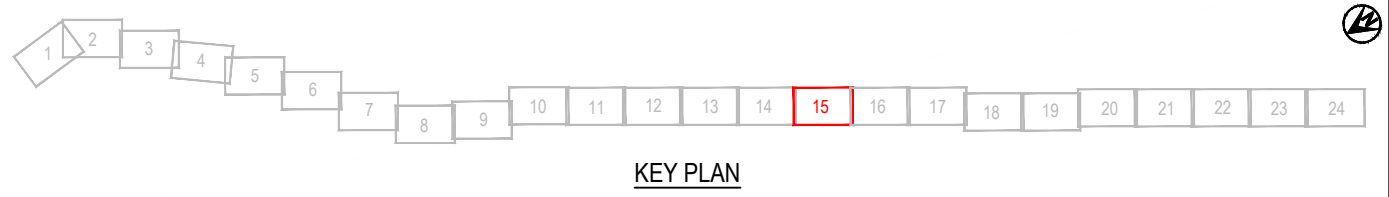


REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21

DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21		

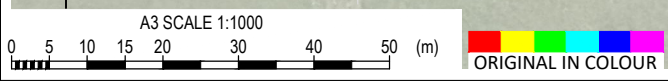
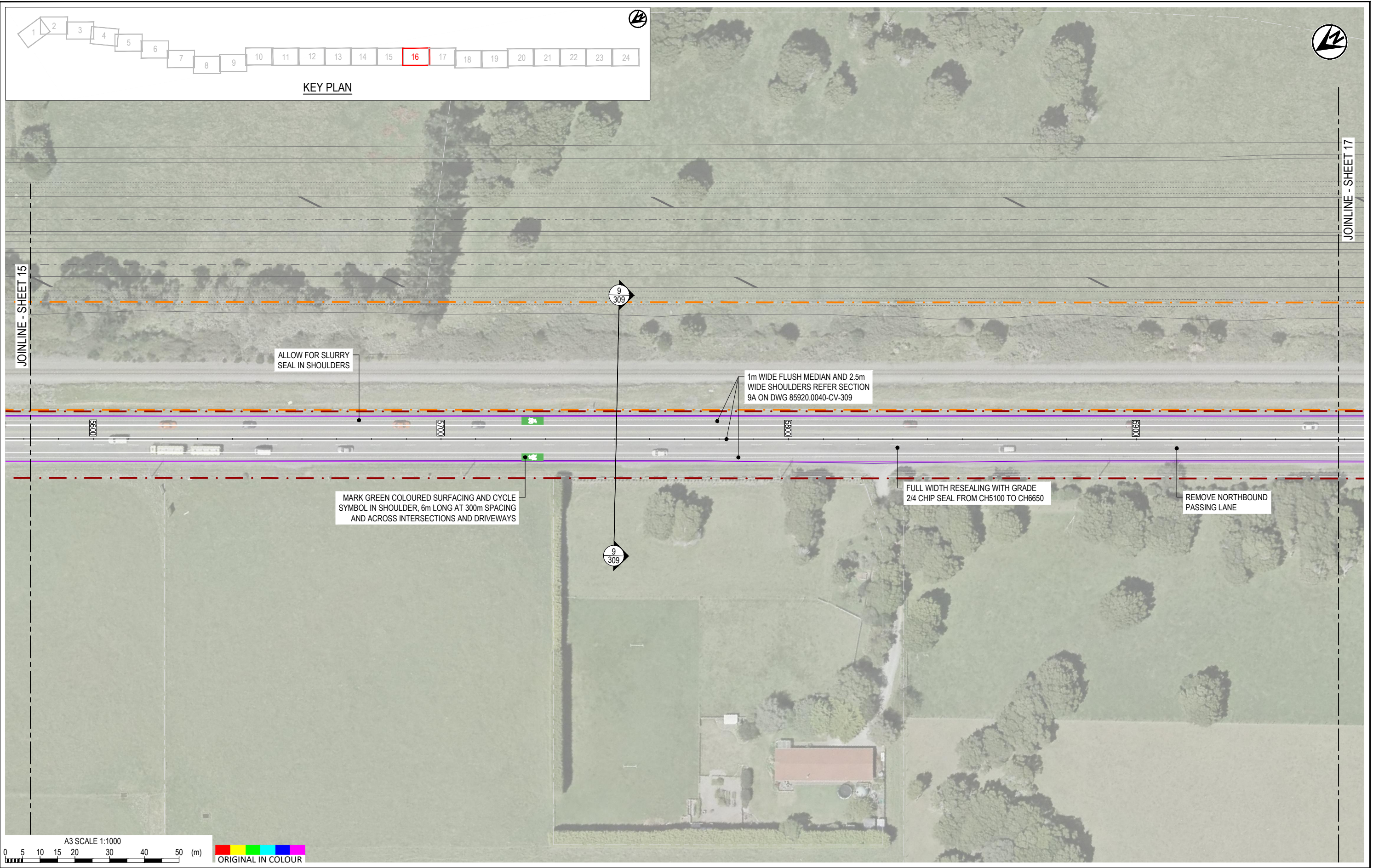
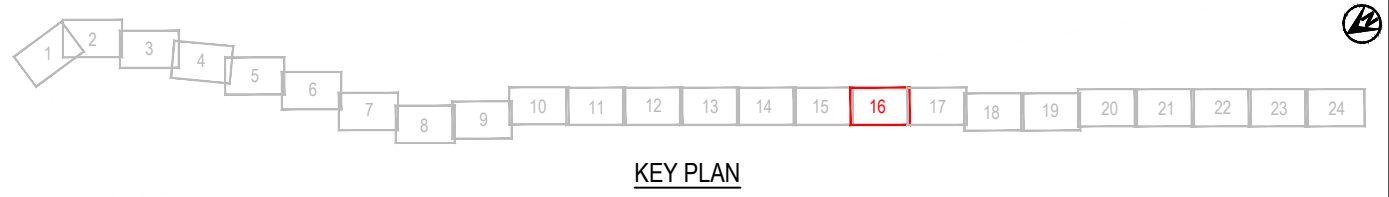
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 14 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0214
REV	1

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED



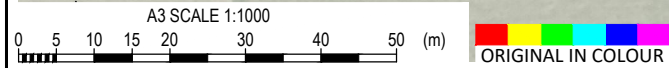
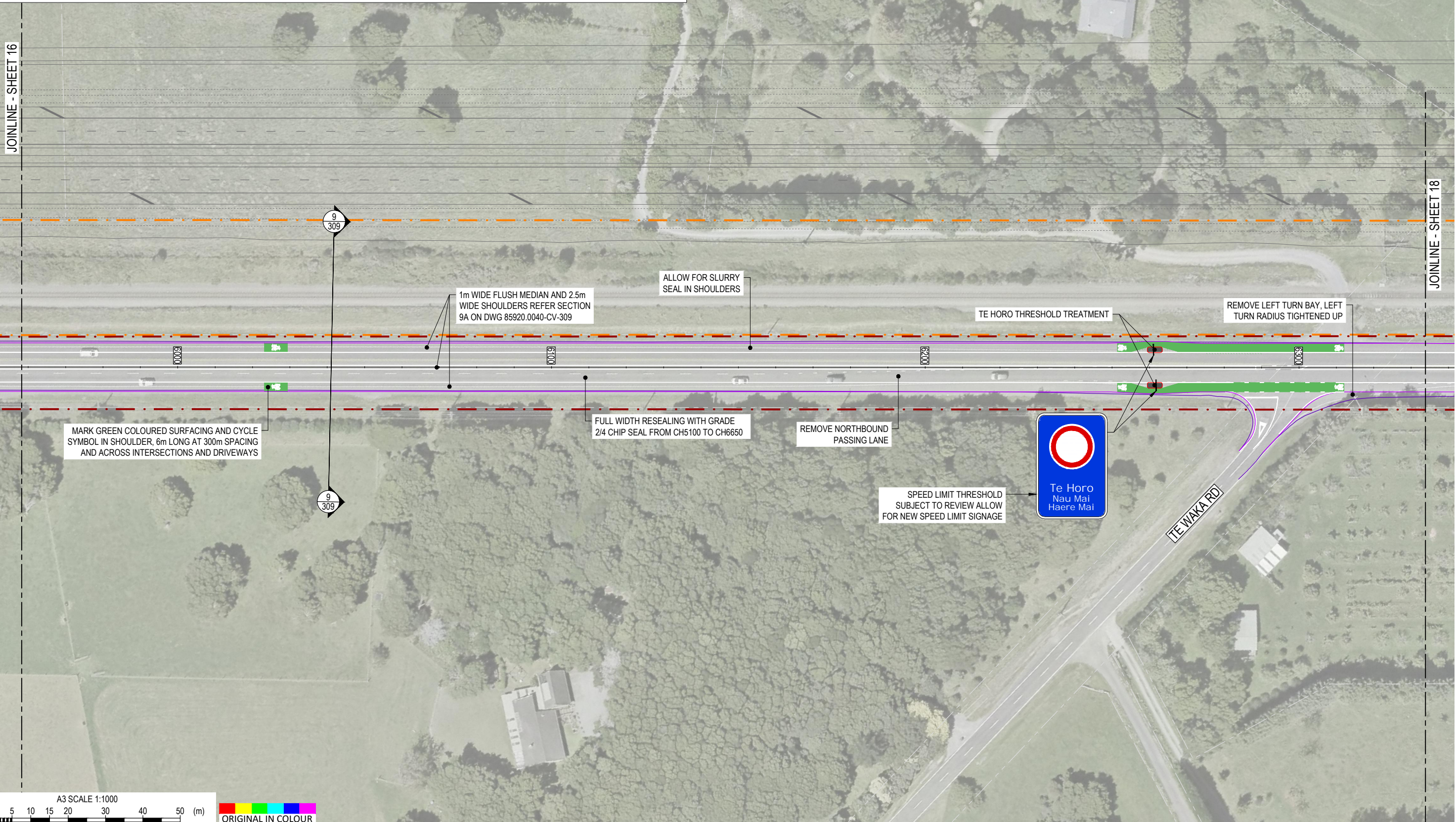
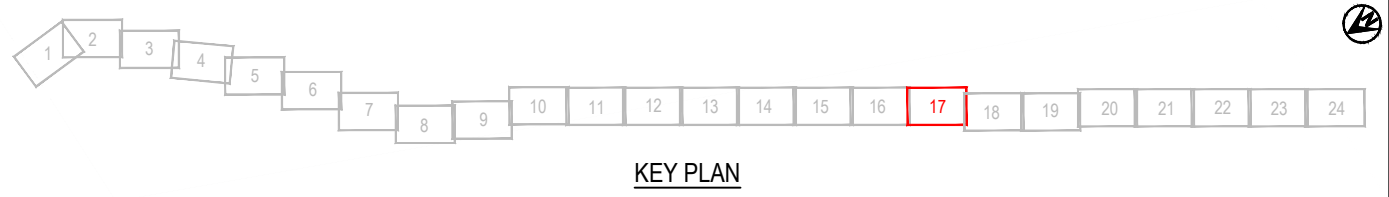
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct/21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	DSW	Oct/21		
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN	
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 15 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0215
REV	1



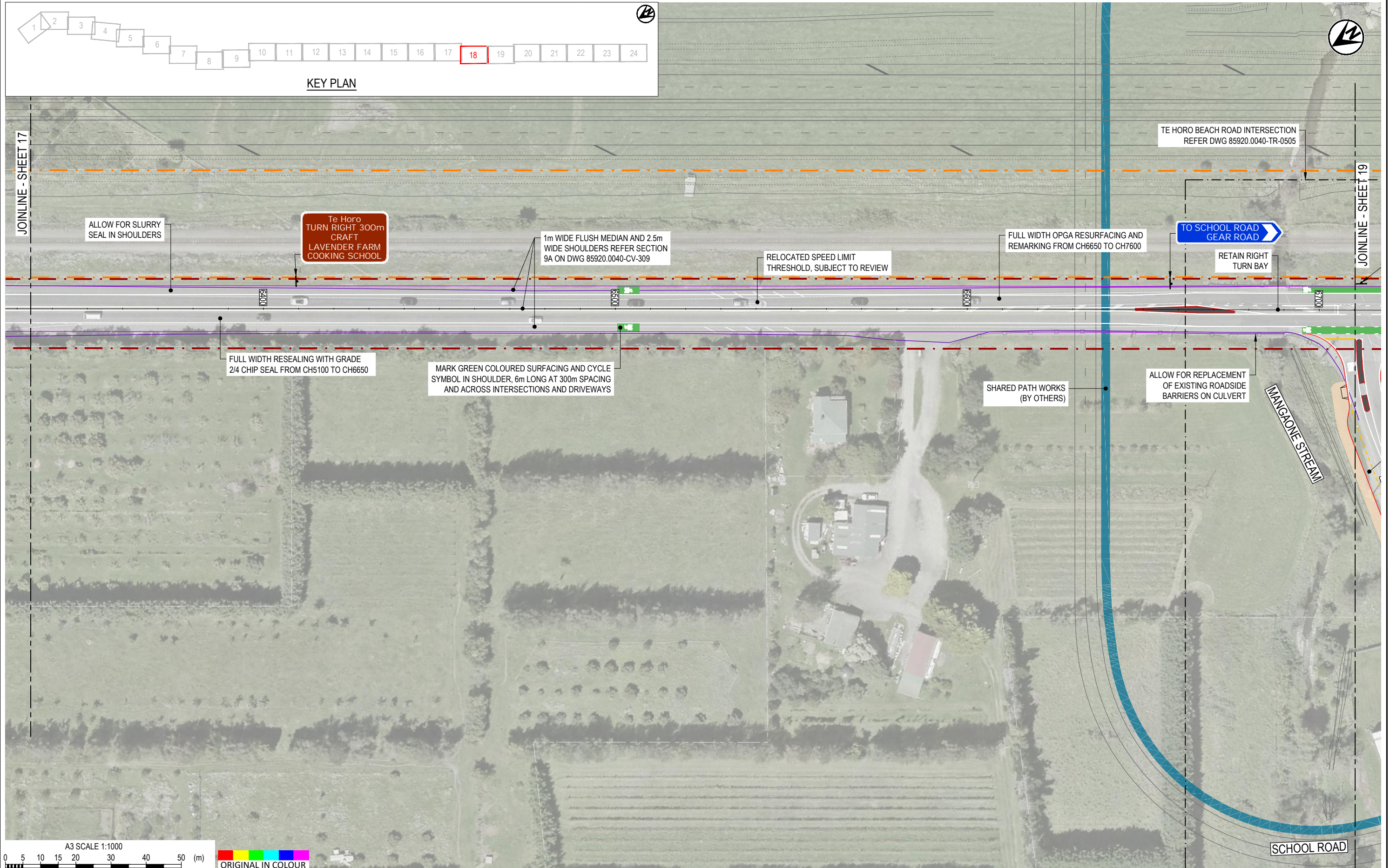
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION			
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 16 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0216
REV	1



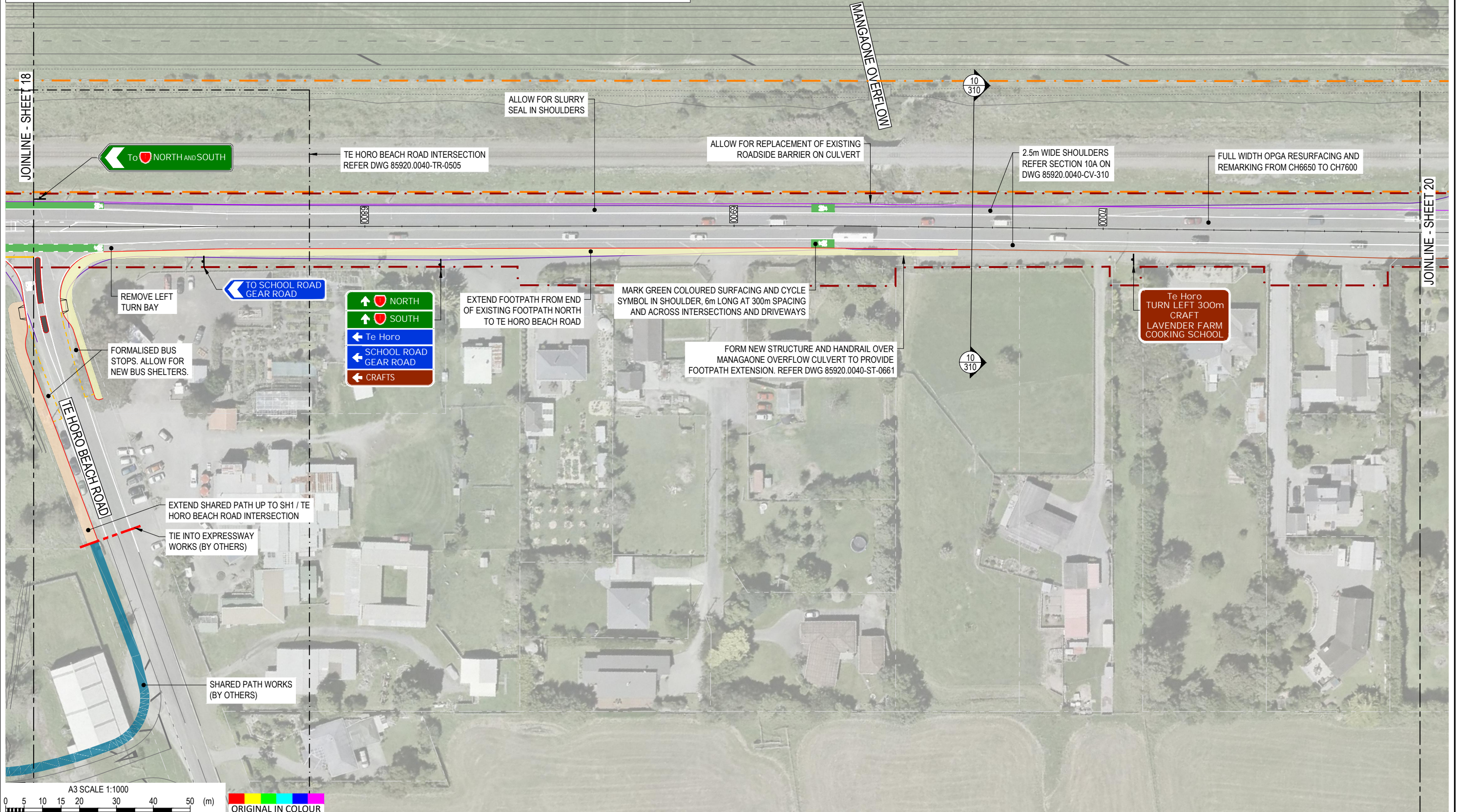
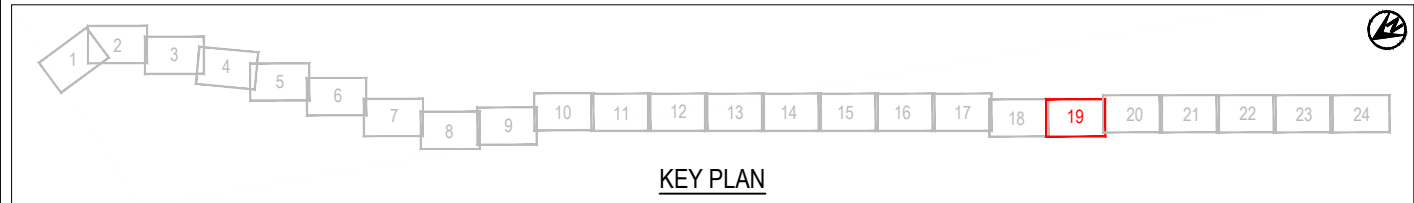
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
DRAWING CHECKED	MROH	5/10/21	NOT FOR CONSTRUCTION	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 17 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0217
REV	1



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
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DESIGN CHECKED	RWD	26/11/21	DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION				THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21		

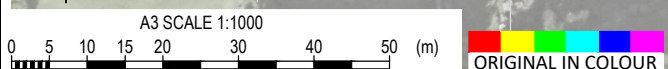
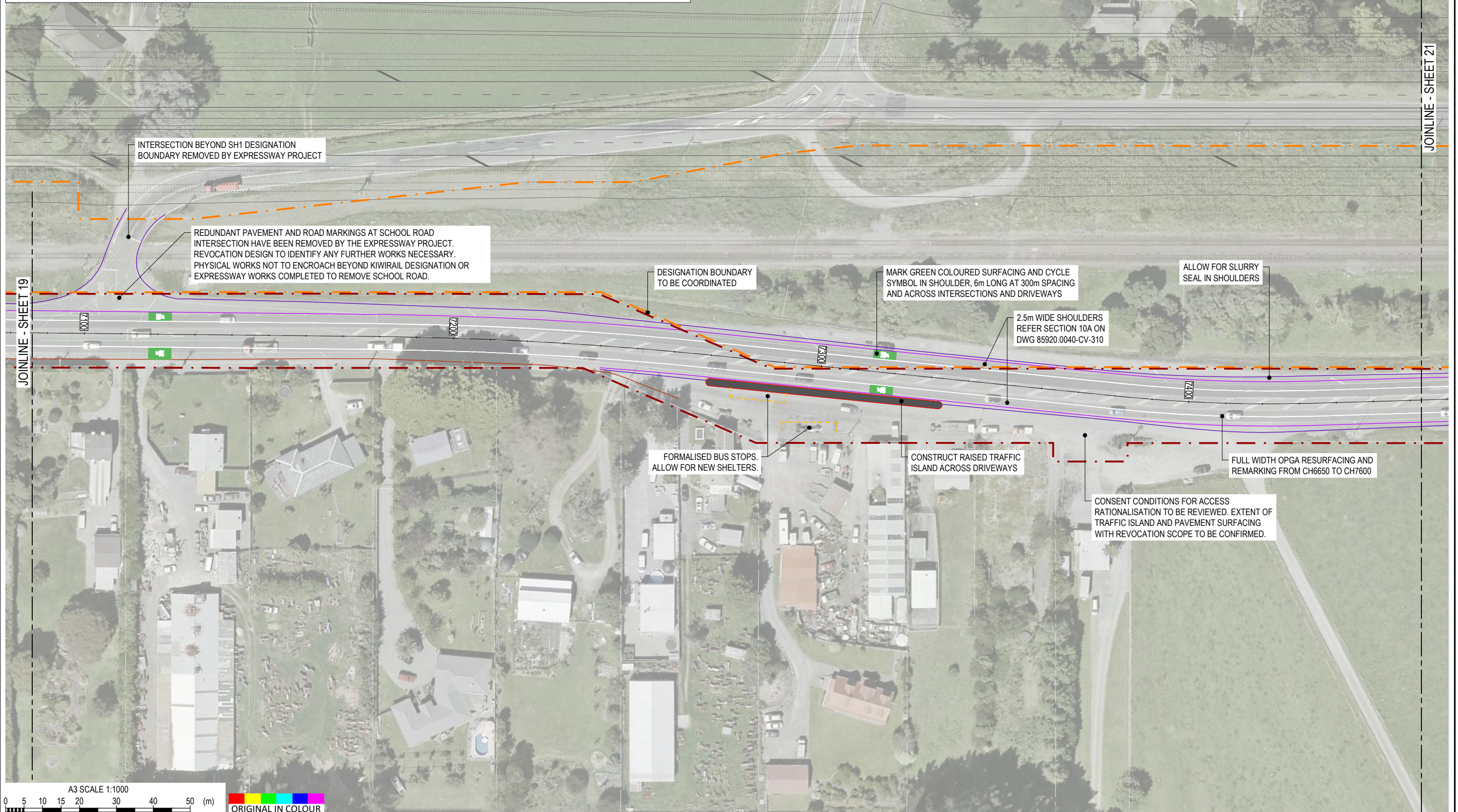
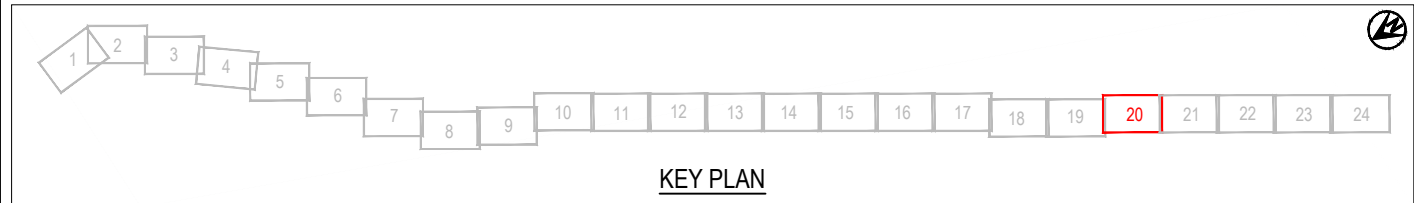
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 18 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0218
REV	1



1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

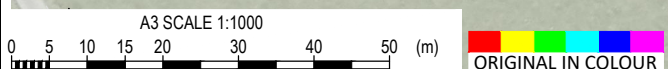
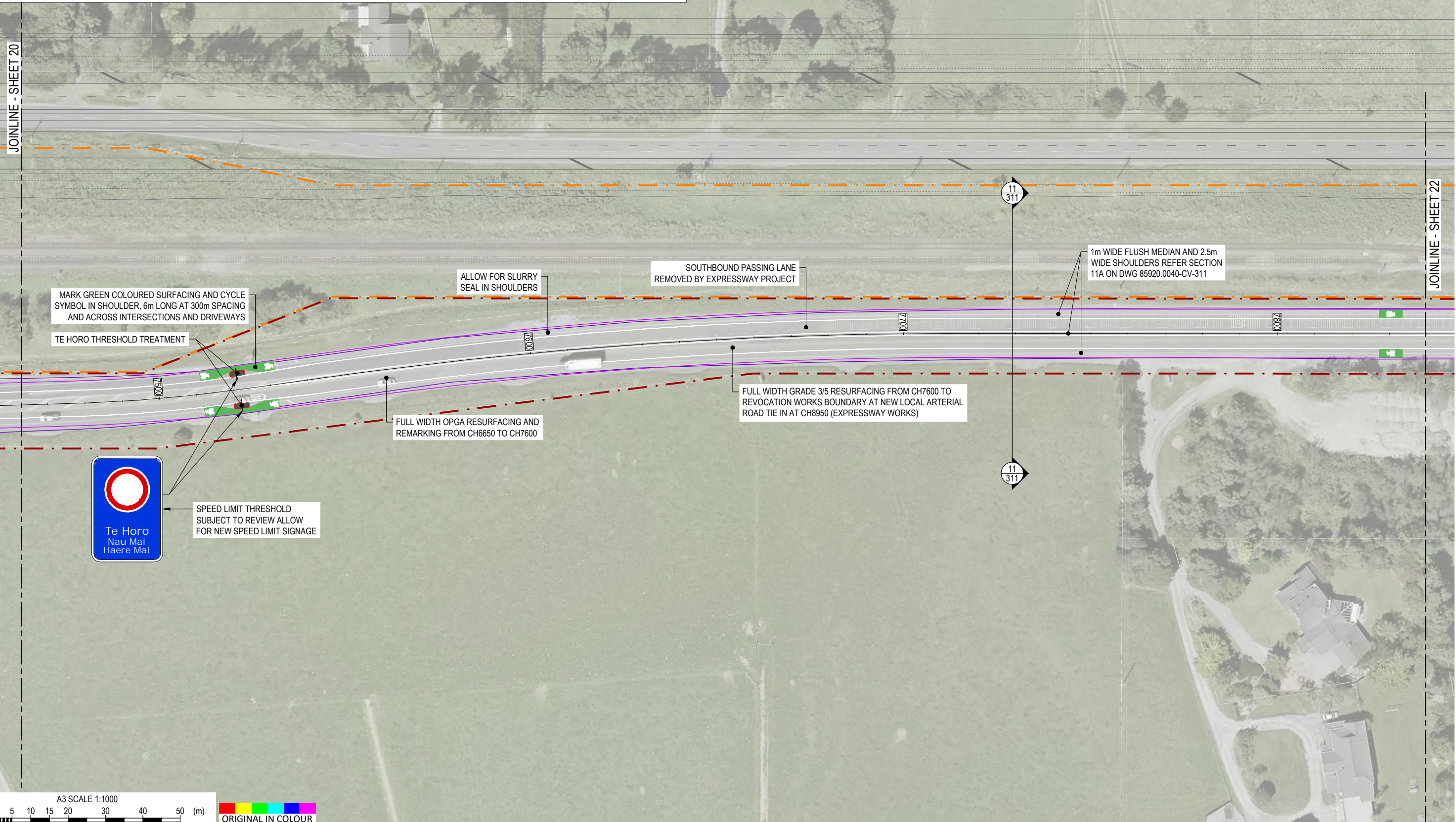
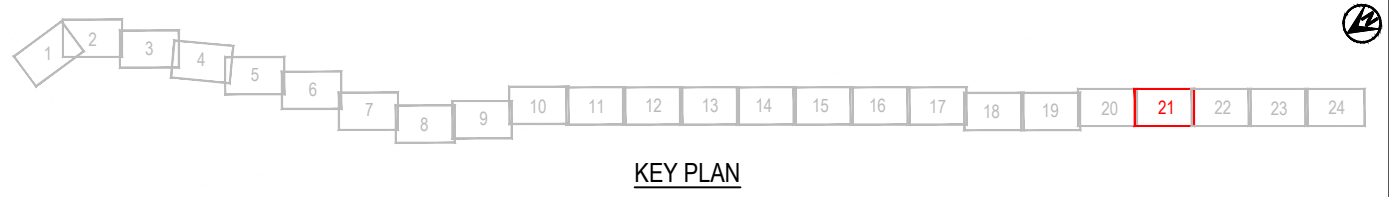
DESIGNED	JASZ	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 19 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0219
REV	1



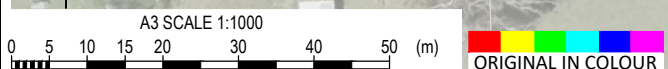
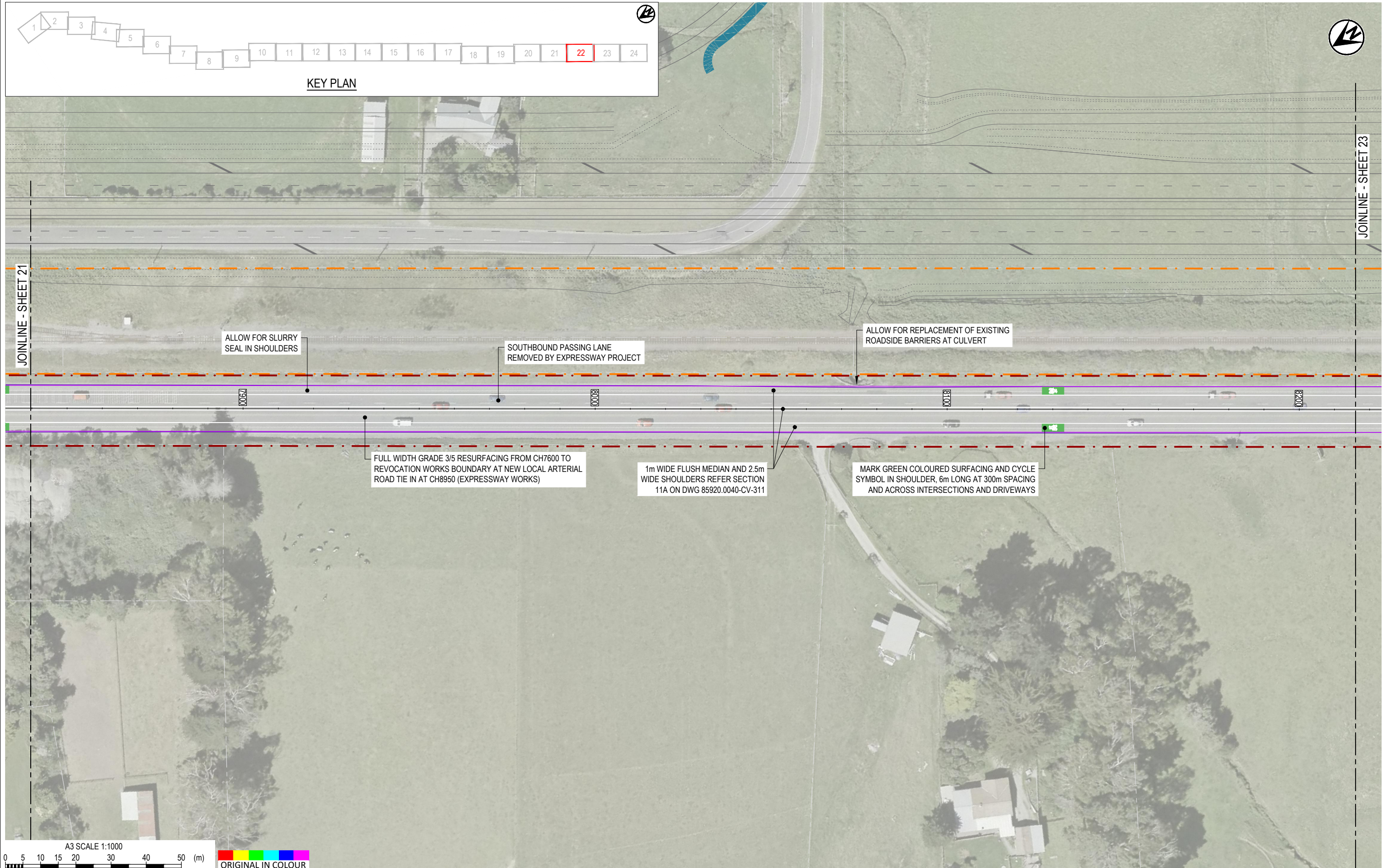
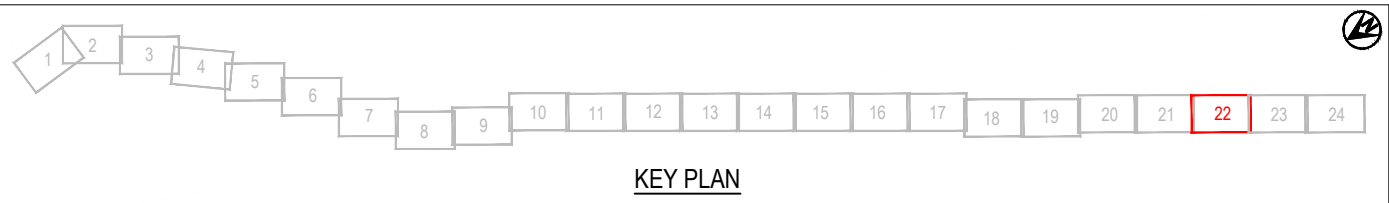
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 20 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0220
REV	1



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

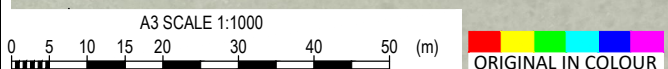
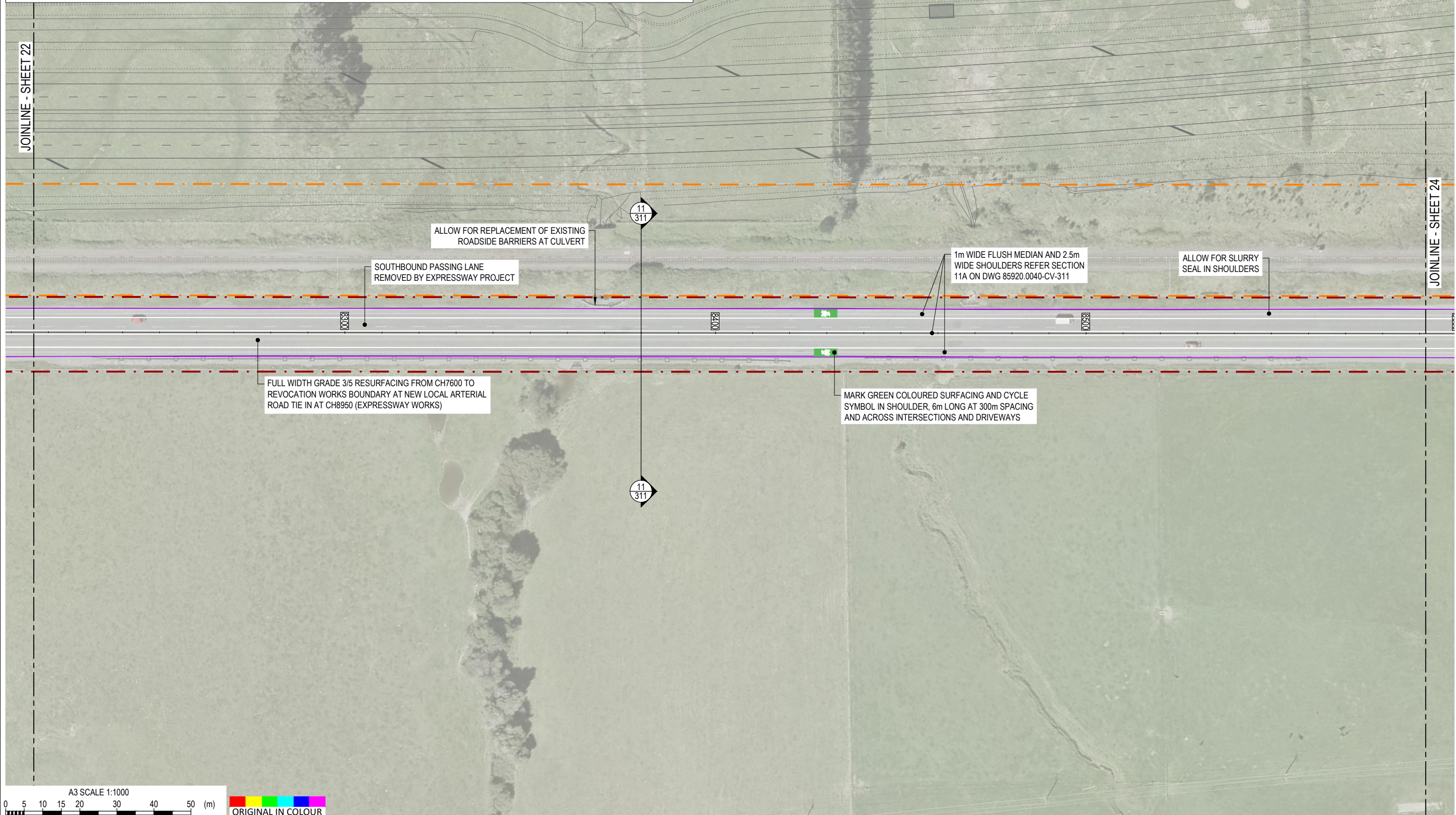
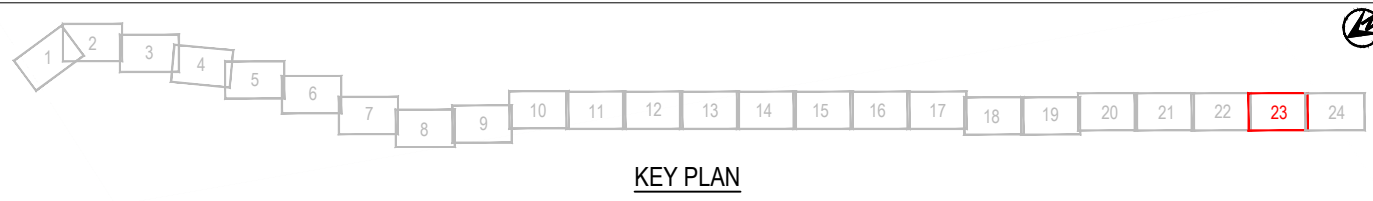
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 21 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0221
REV	1



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21

DESIGNED	JASZ	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

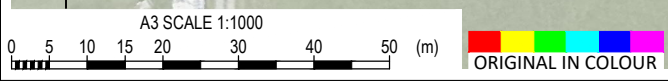
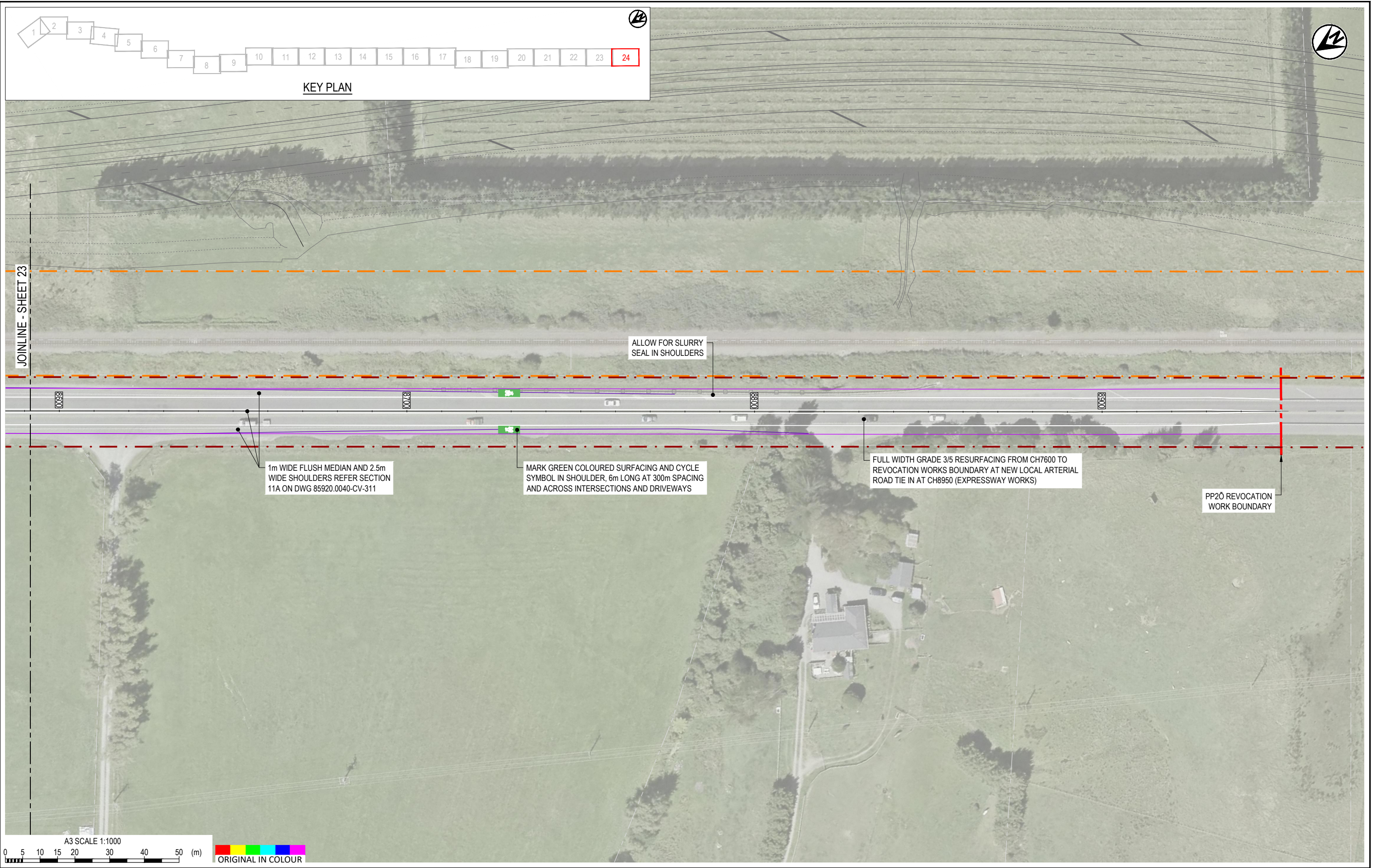
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 22 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0222
REV	1



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21

DESIGNED	JASZ	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 23 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0223
REV	1

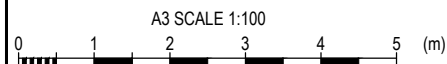
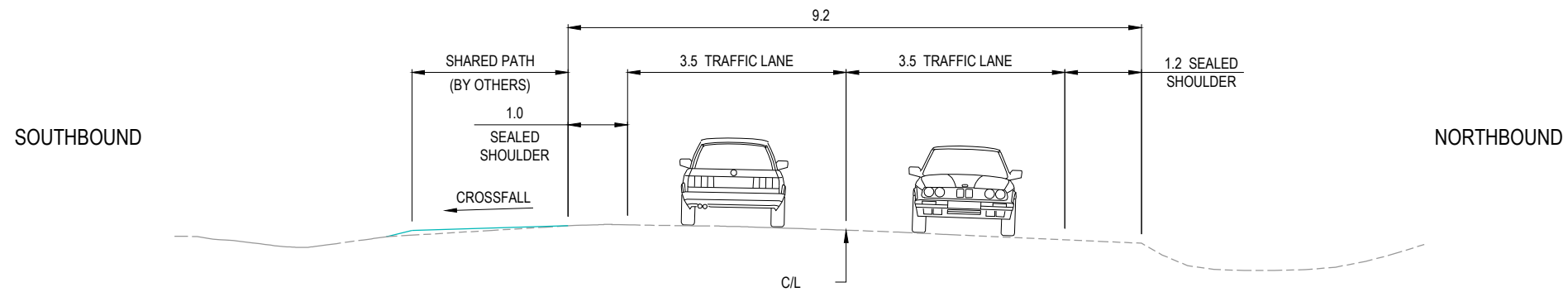
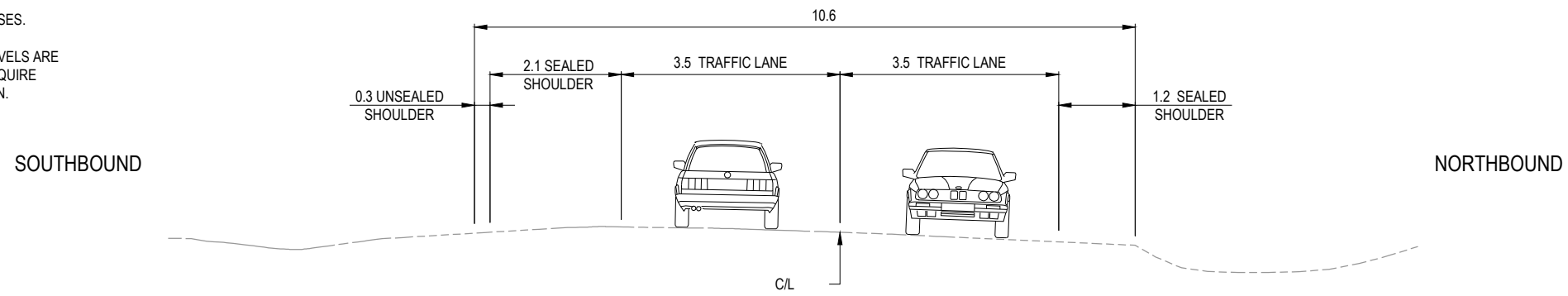


1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	DSW	Oct.21		
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	PRELIMINARY DESIGN
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	GENERAL PLANS PROPOSED LAYOUT - SHEET 24 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-GE-0224
REV	1

LEGEND	
	EXISTING SURFACE
	PROPOSED SURFACE
	SHARED PATH (BY OTHERS)

- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.

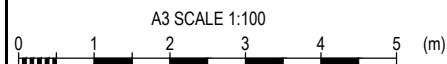
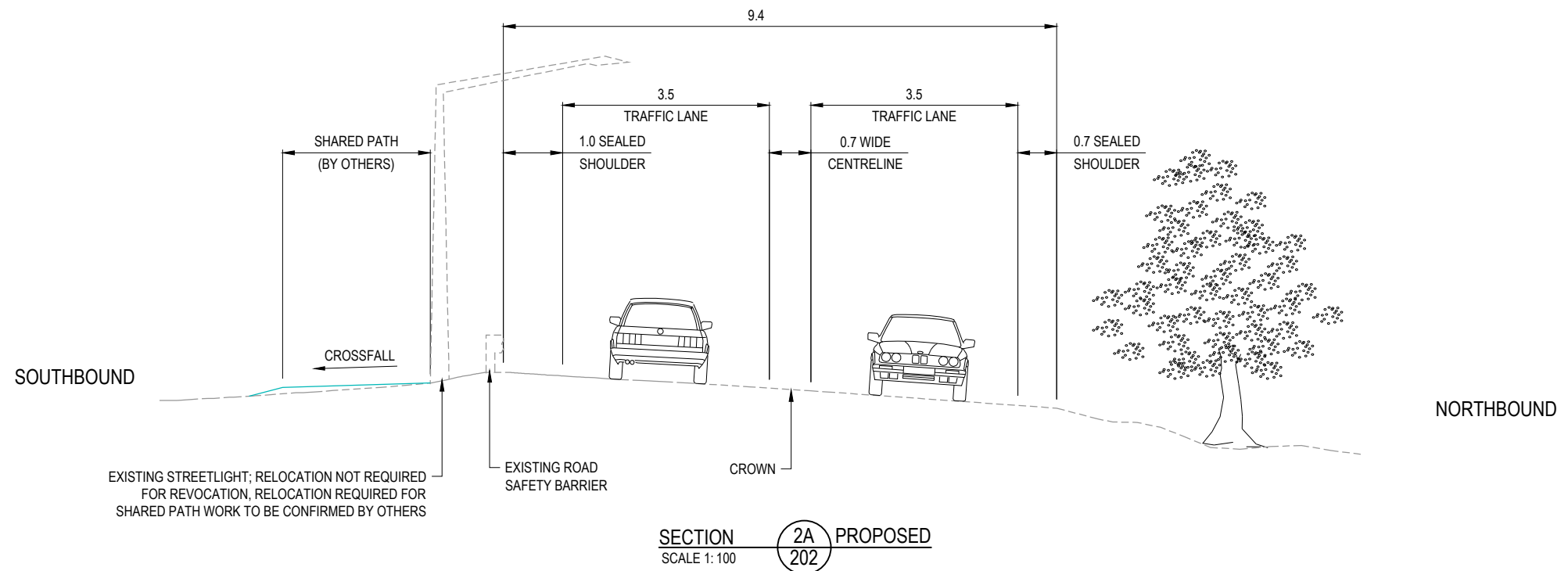
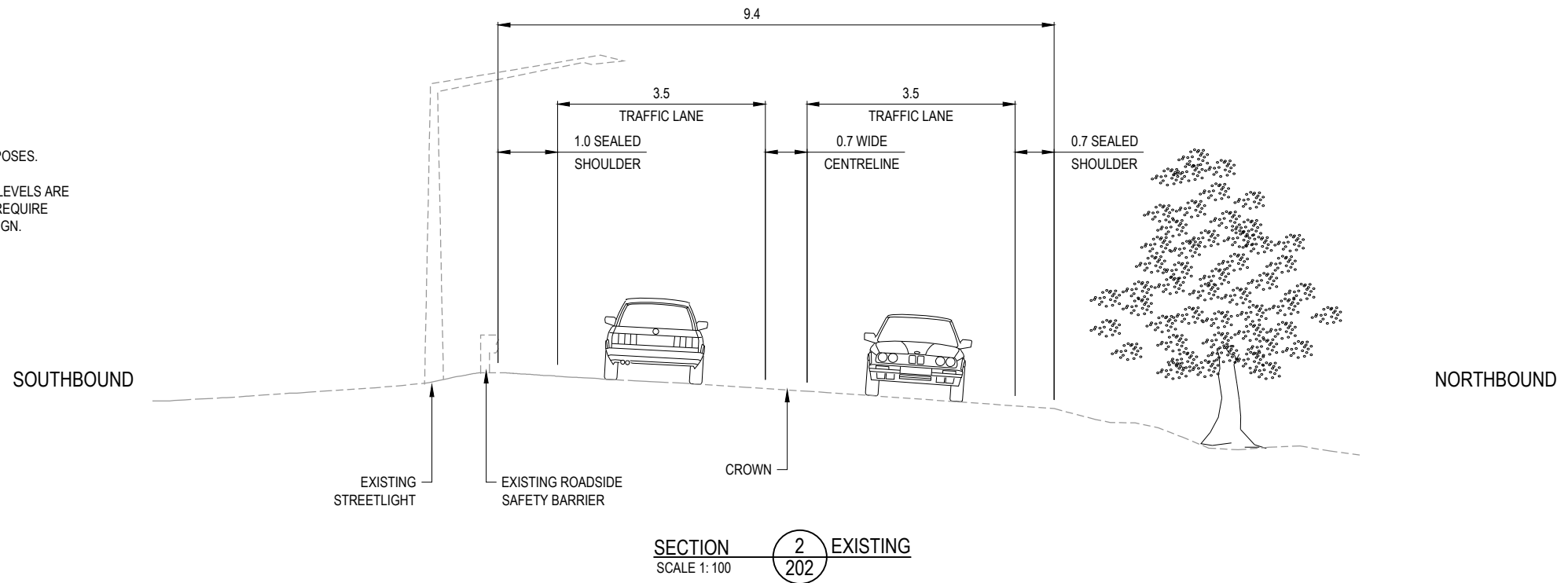


REV	DESCRIPTION	CAD	CHK	DATE	DESIGNED	DRAWN	DESIGN CHECKED	DRAWING CHECKED	APPROVED	DATE	DRAWING STATUS
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21	JASZ	LIWA	RWD	MROH			CLIENT REVIEW ISSUE
<p>NOT FOR CONSTRUCTION</p> <p>THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED</p>											

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
TYPICAL ROAD CROSS SECTIONS - SHEET 1 OF 11	
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0301
REV	1

LEGEND	
	EXISTING SURFACE
	PROPOSED SURFACE
	SHARED PATH (BY OTHERS)

- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	LIWA	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21		

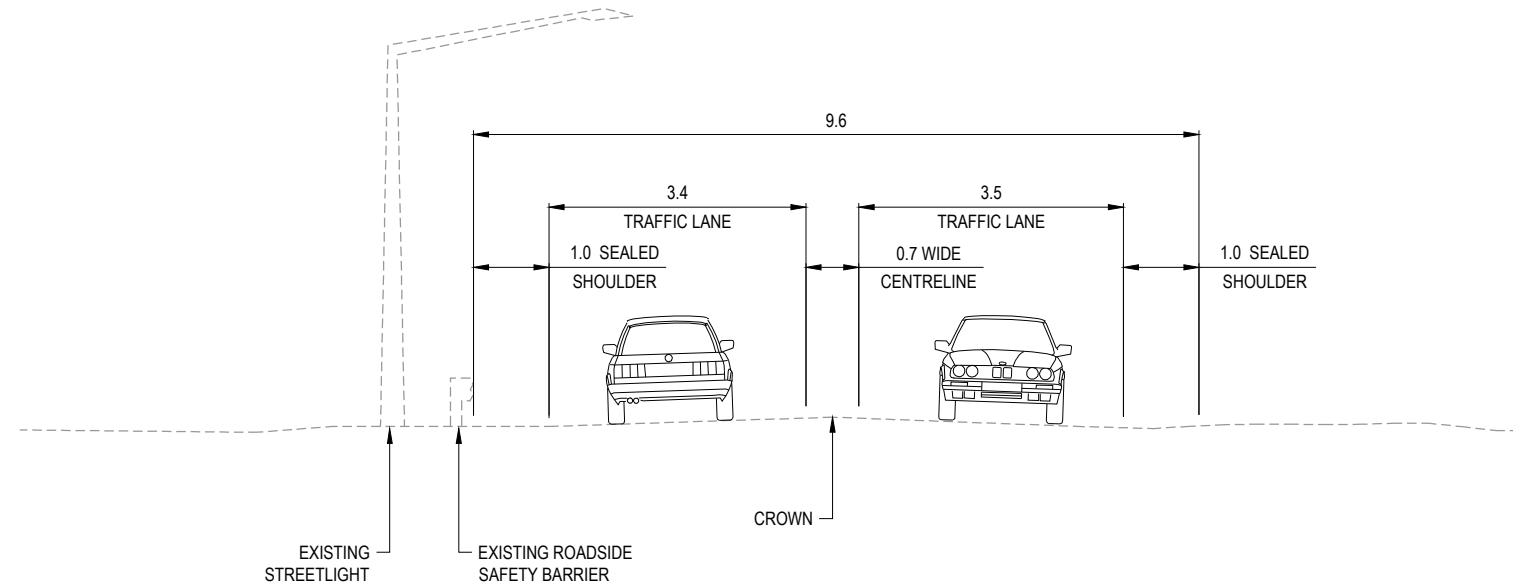
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL TYPICAL ROAD CROSS SECTIONS - SHEET 2 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0302
REV	1

LEGEND	
-----	EXISTING SURFACE
—————	PROPOSED SURFACE
—————	SHARED PATH (BY OTHERS)

- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.

SOUTHBOUND

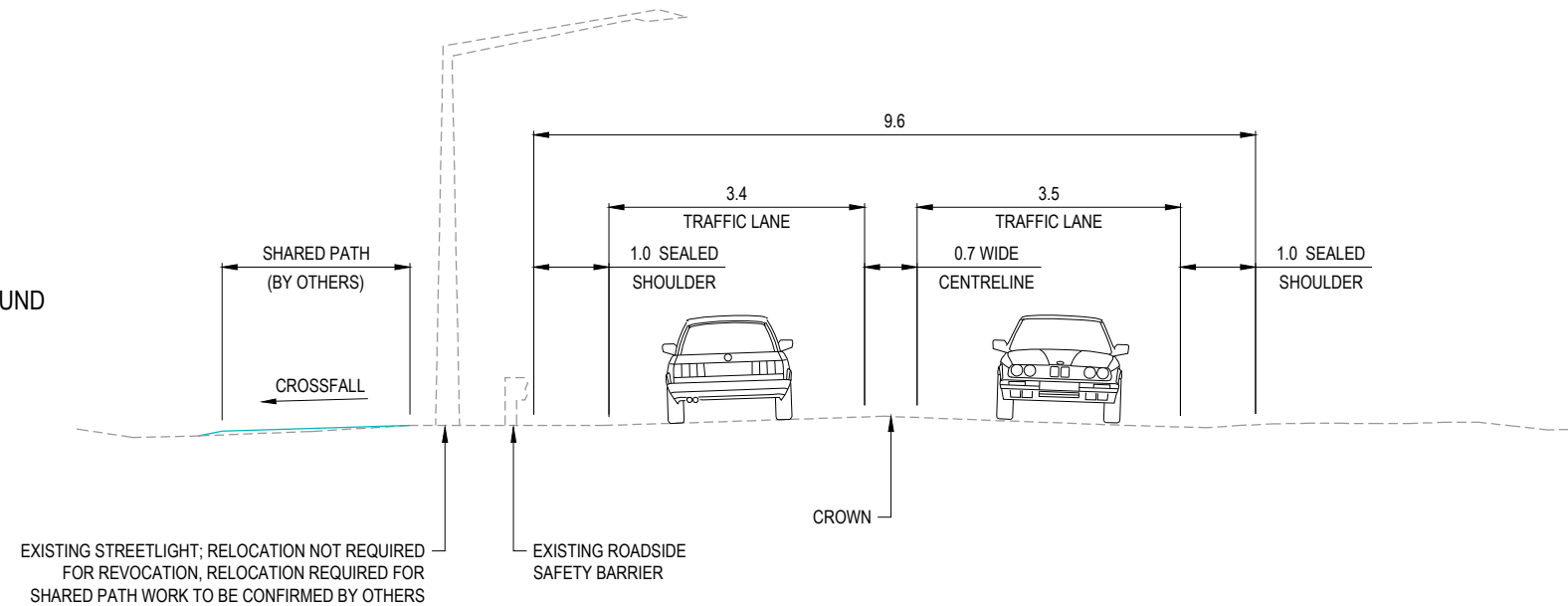
NORTHBOUND



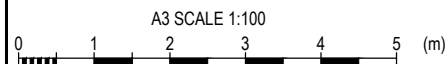
SECTION 3 EXISTING
SCALE 1:100

SOUTHBOUND

NORTHBOUND



SECTION 3A PROPOSED
SCALE 1:100



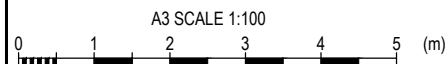
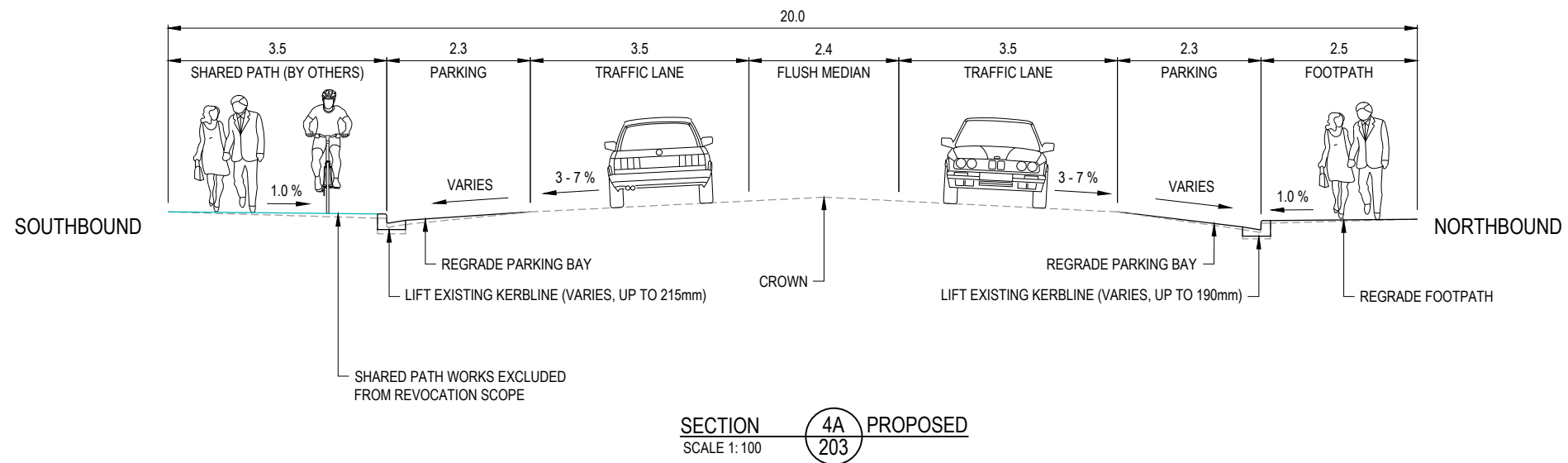
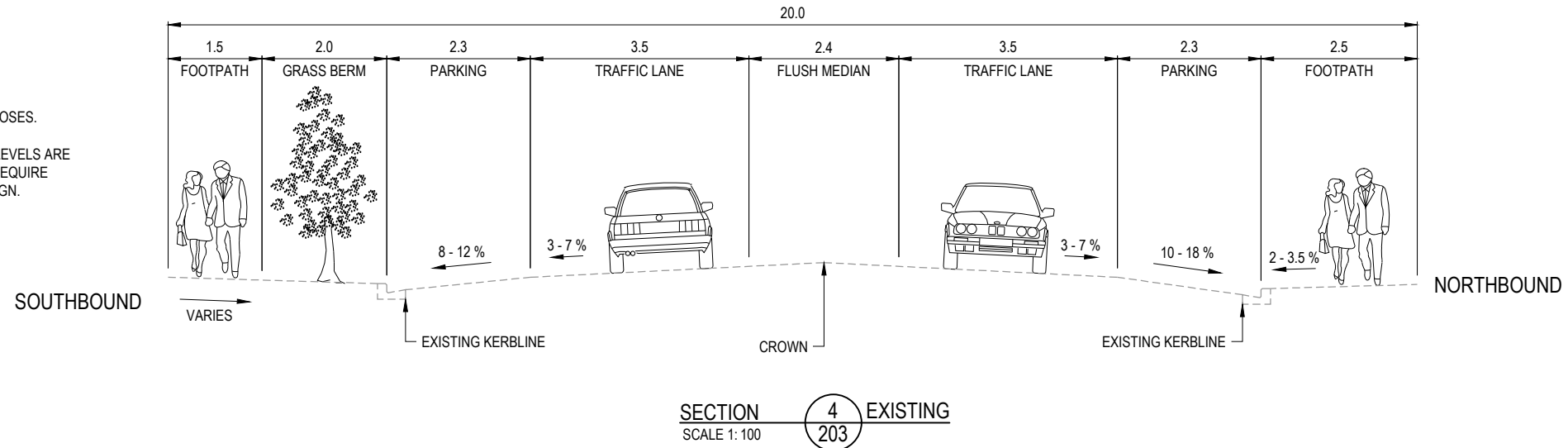
REV	DESCRIPTION	CAD	CHK	DATE	DESIGNED	DRAWN	DESIGN CHECKED	DRAWING CHECKED	DRAWING STATUS
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21	JASZ	LIWA	RWD	MROH	CLIENT REVIEW ISSUE
					NOT FOR CONSTRUCTION			PRELIMINARY DESIGN	
					APPROVED			DATE	

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
TYPICAL ROAD CROSS SECTIONS - SHEET 3 OF 11	
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0303
REV	1

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED

LEGEND	
-----	EXISTING SURFACE
—————	PROPOSED SURFACE
—————	SHARED PATH (BY OTHERS)

- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	LIWA	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21		

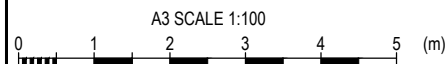
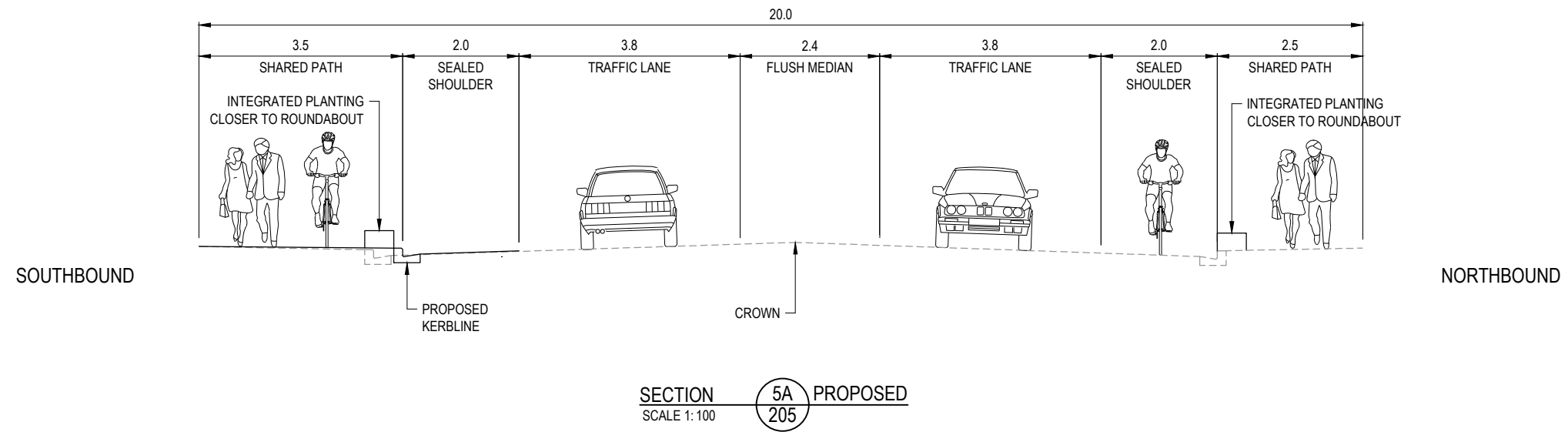
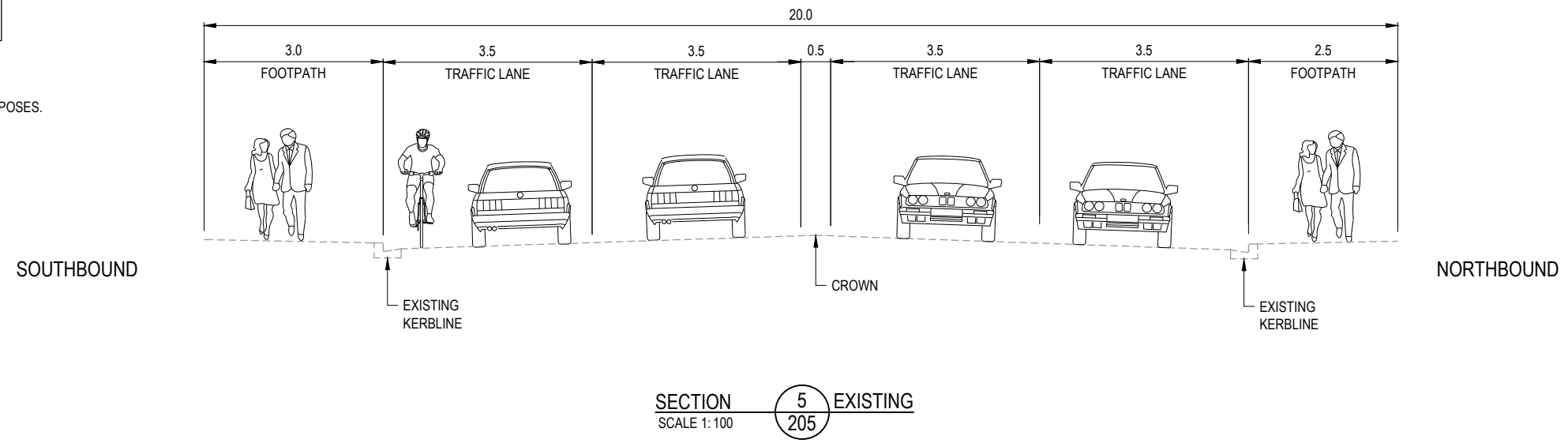
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL TYPICAL ROAD CROSS SECTIONS - SHEET 4 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0304
REV	1

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



ORIGINAL IN COLOUR

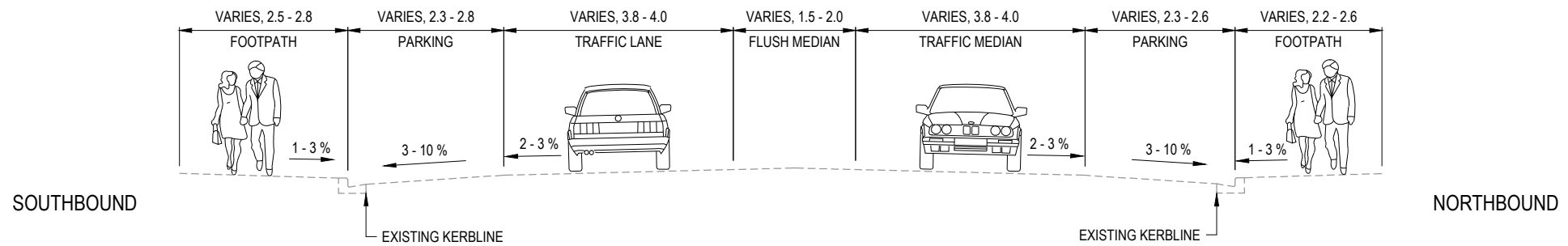


1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	LIWA	Oct.21		
					DESIGN CHECKED	RWD	26/11/21		
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

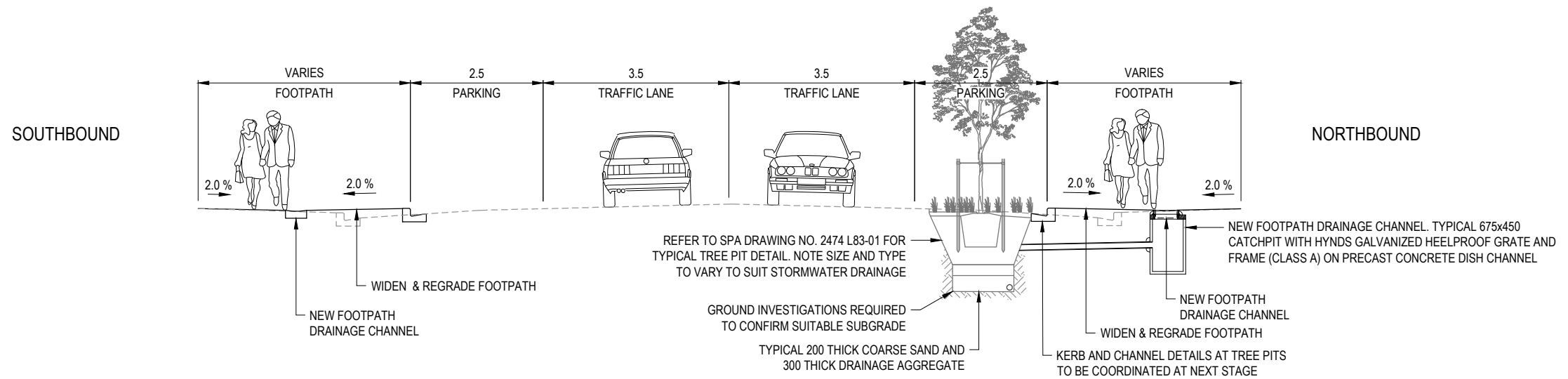
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
	TYPICAL ROAD CROSS SECTIONS - SHEET 5 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0305
REV	1

LEGEND	
-----	EXISTING SURFACE
—————	PROPOSED SURFACE

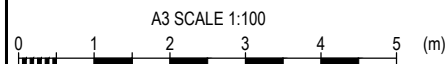
- NOTES:
- DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 - GRADES SHOWN ARE INDICATIVE ONLY.



SECTION 6 6 6 EXISTING
SCALE 1:100 (205 206 406)



SECTION 6A 6A 6A PROPOSED
SCALE 1:100 (205 206 406)



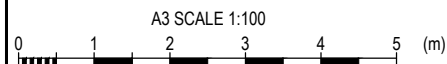
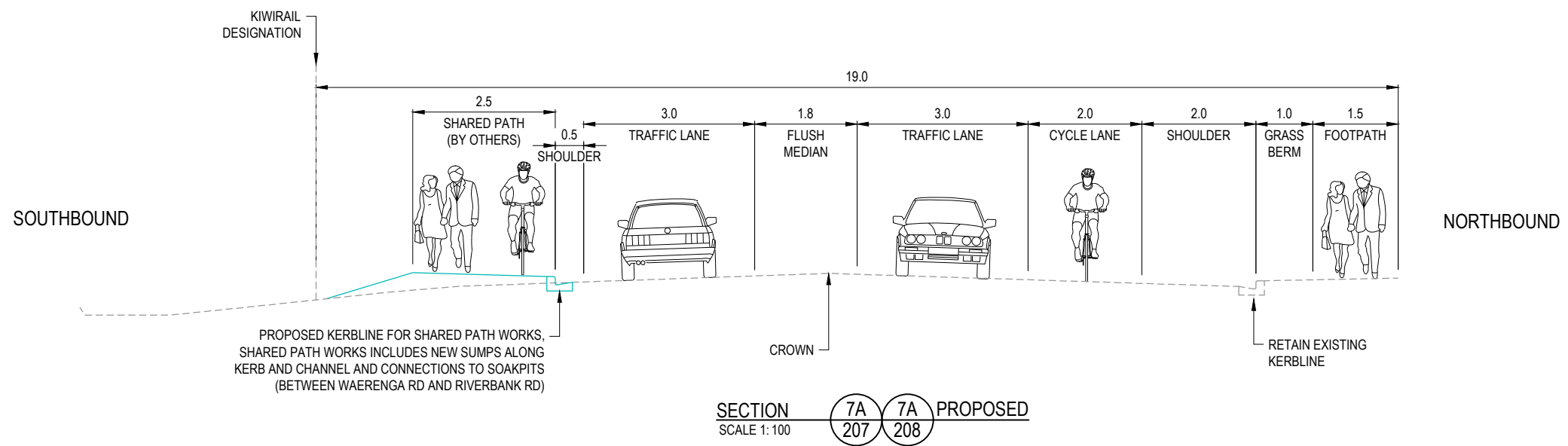
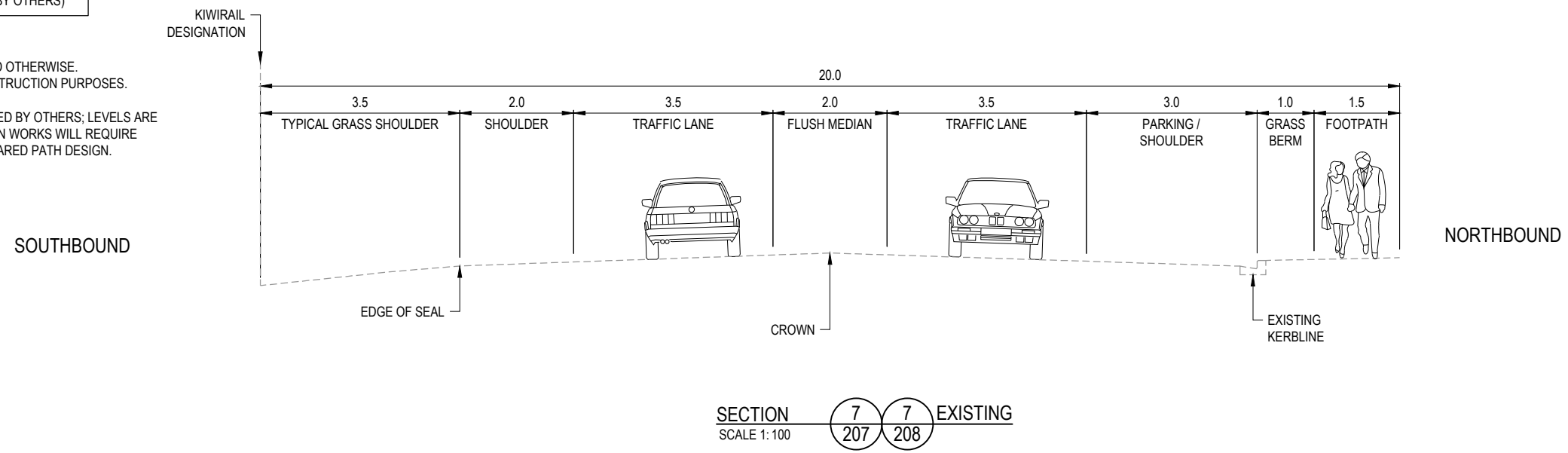
ORIGINAL IN COLOUR

1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS
					DRAWN	LIWA	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION			
					THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
	TYPICAL ROAD CROSS SECTIONS - SHEET 6 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0306
REV	1

LEGEND	
	EXISTING SURFACE
	PROPOSED SURFACE
	SHARED PATH (BY OTHERS)

- NOTES:
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.



ORIGINAL IN COLOUR

DESIGNED	JASZ	Oct.21	DRAWING STATUS CLIENT REVIEW ISSUE PROJECT PHASE PRELIMINARY DESIGN			
DRAWN	LIWA	Oct.21				
DESIGN CHECKED	RWD	26/11/21				
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION						
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21		

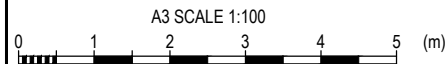
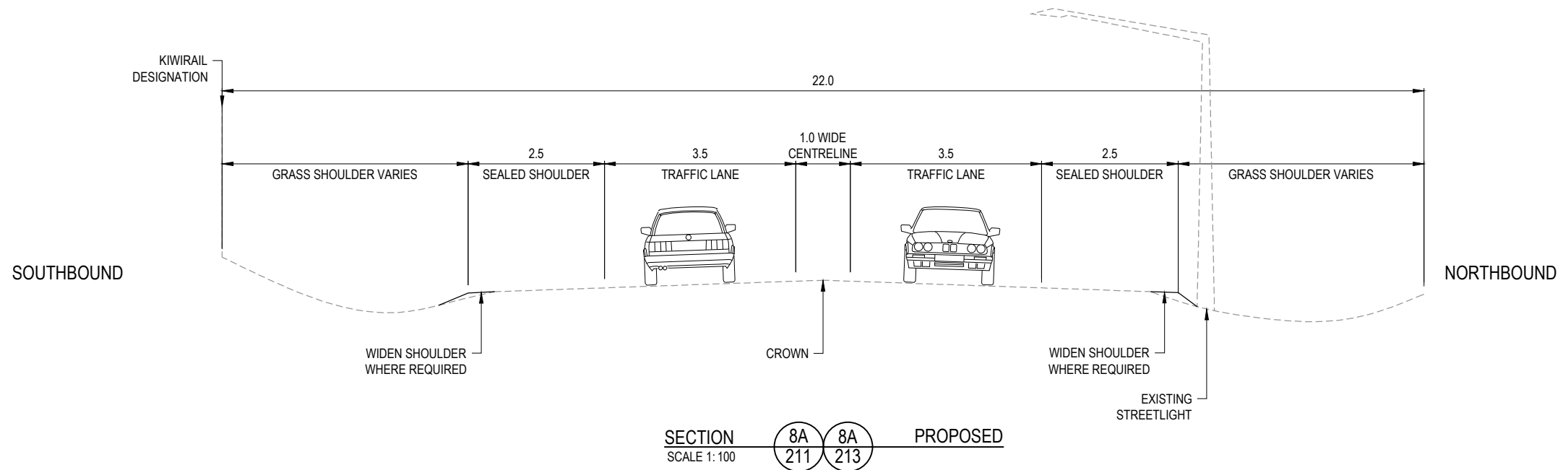
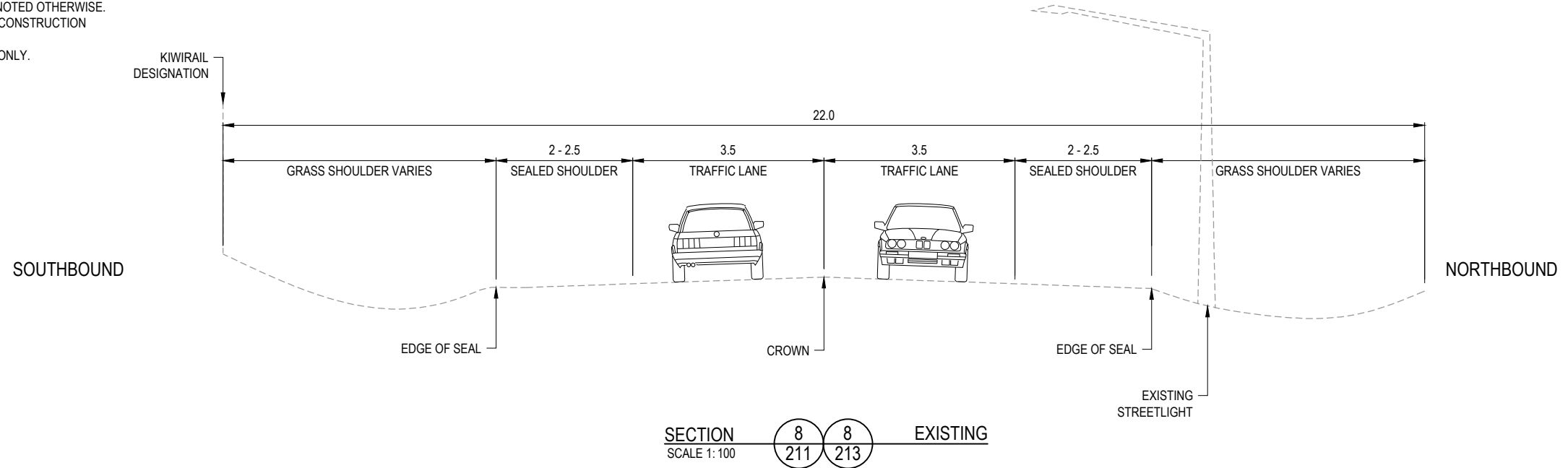
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL TYPICAL ROAD CROSS SECTIONS - SHEET 7 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0307
REV	1

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.



ORIGINAL IN COLOUR



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS
					DRAWN	LIWA	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION			
					THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

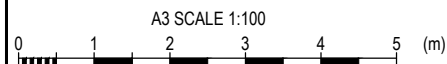
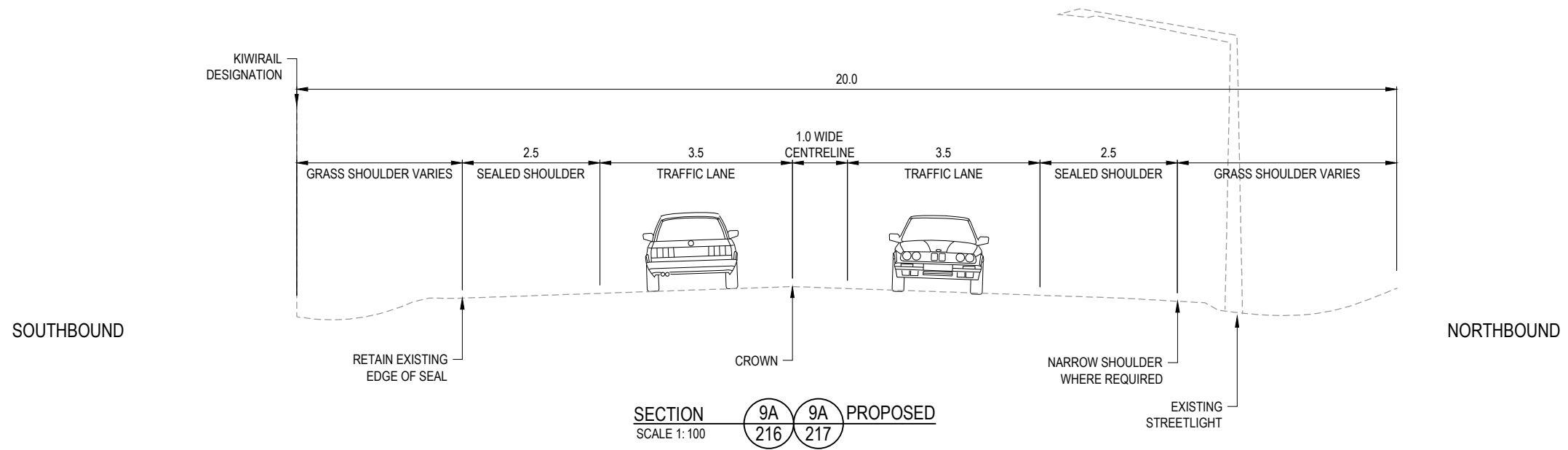
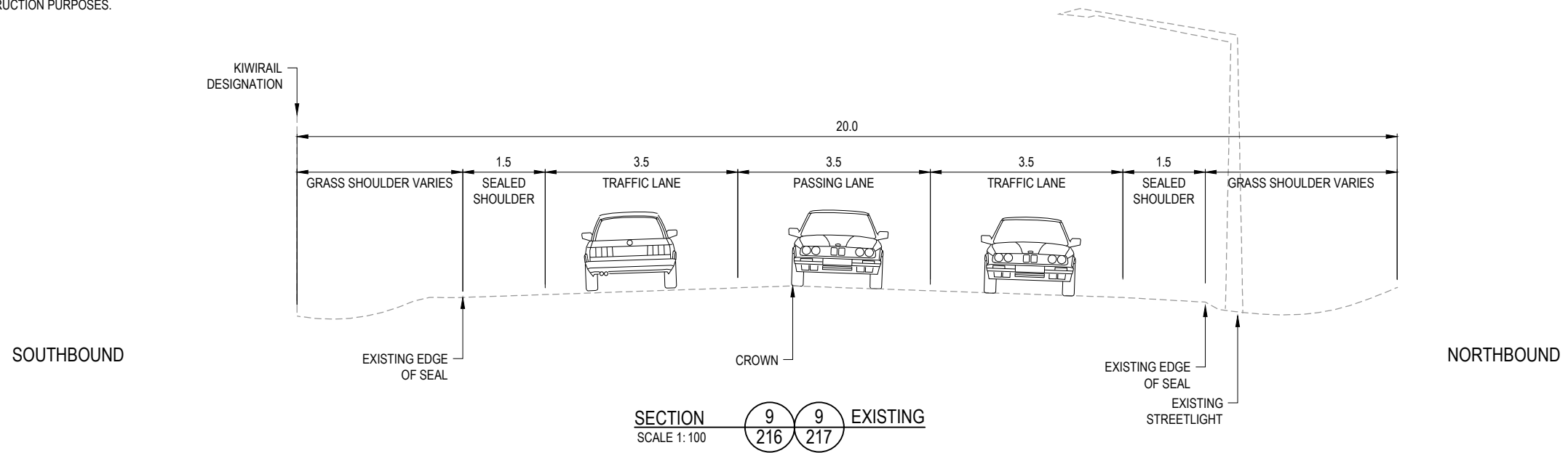
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
	TYPICAL ROAD CROSS SECTIONS - SHEET 8 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0308
REV	1

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SOUTHBOUND PASSING LANE REMOVED.



ORIGINAL IN COLOUR



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	LIWA	Oct.21		
					DESIGN CHECKED	RWD	26/11/21		
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION				
					THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED				
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

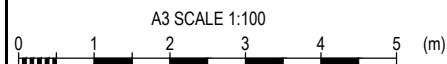
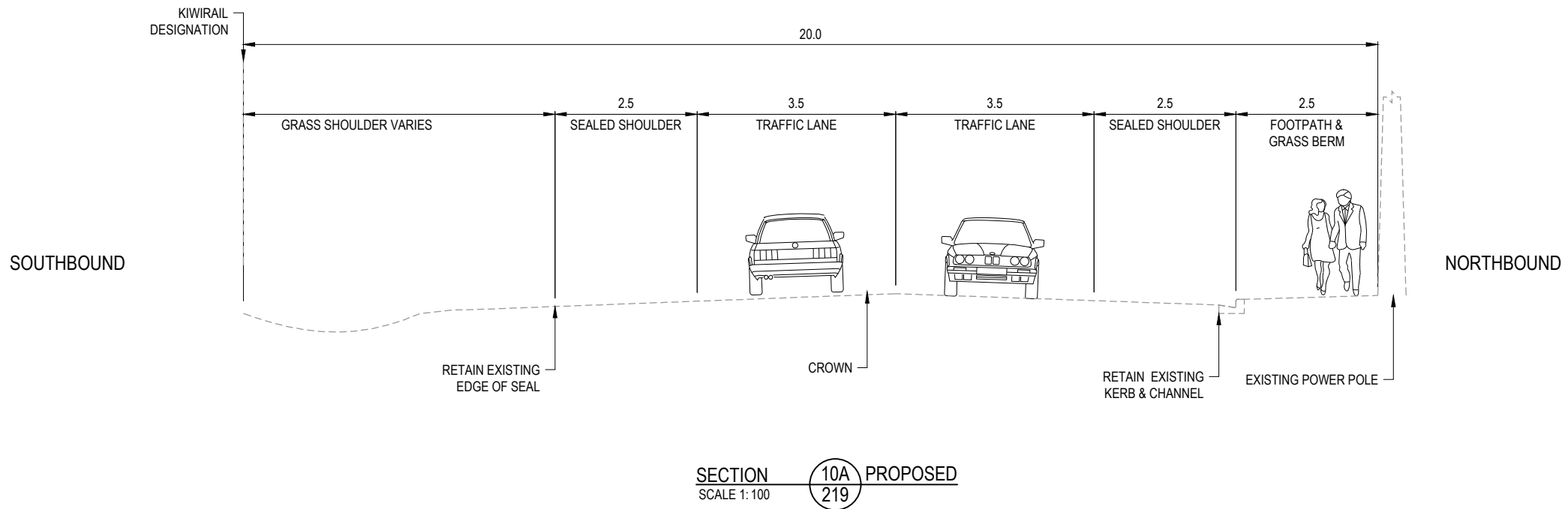
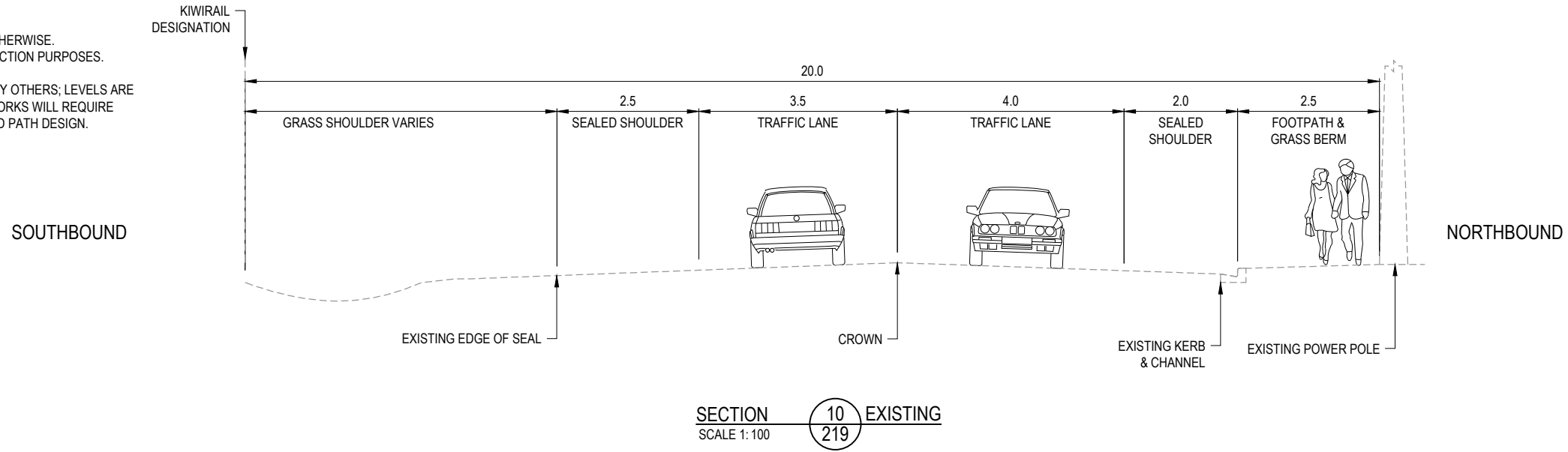
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
	TYPICAL ROAD CROSS SECTIONS - SHEET 9 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0309
REV	1

LEGEND

----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SHARED PATH WORKS TO BE COMPLETED BY OTHERS; LEVELS ARE SHOWN INDICATIVELY. THE REVOCATION WORKS WILL REQUIRE FURTHER COORDINATION WITH THE SHARED PATH DESIGN.



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	LIWA	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN		
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
DRAWING CHECKED	MROH	5/10/21	NOT FOR CONSTRUCTION			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LIWA	RWD	26/11/21		

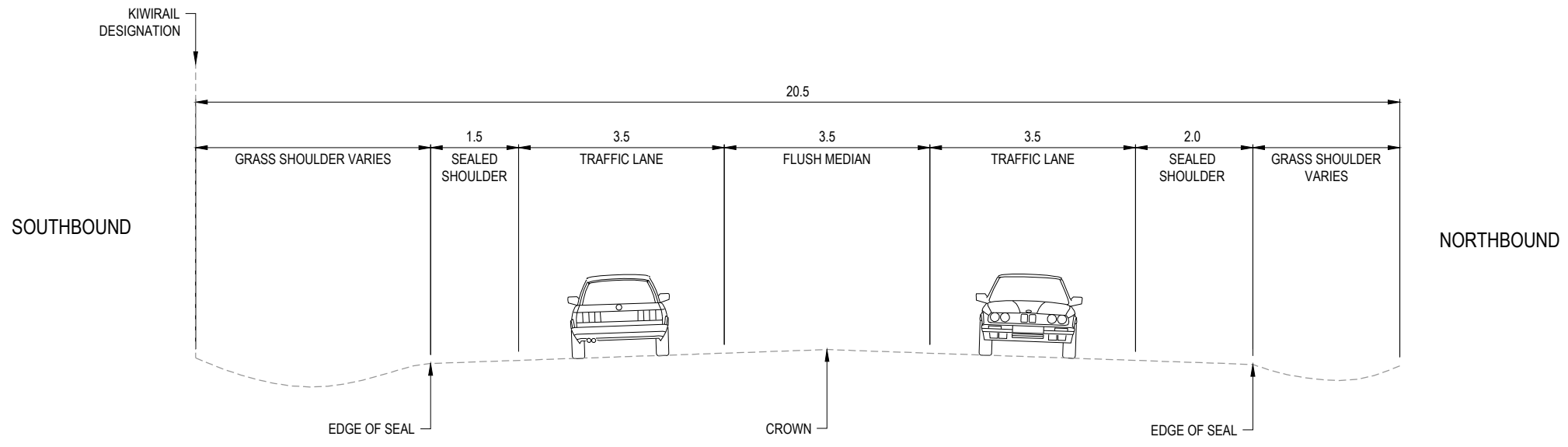
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL TYPICAL ROAD CROSS SECTIONS - SHEET 10 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0310
REV	1

LEGEND

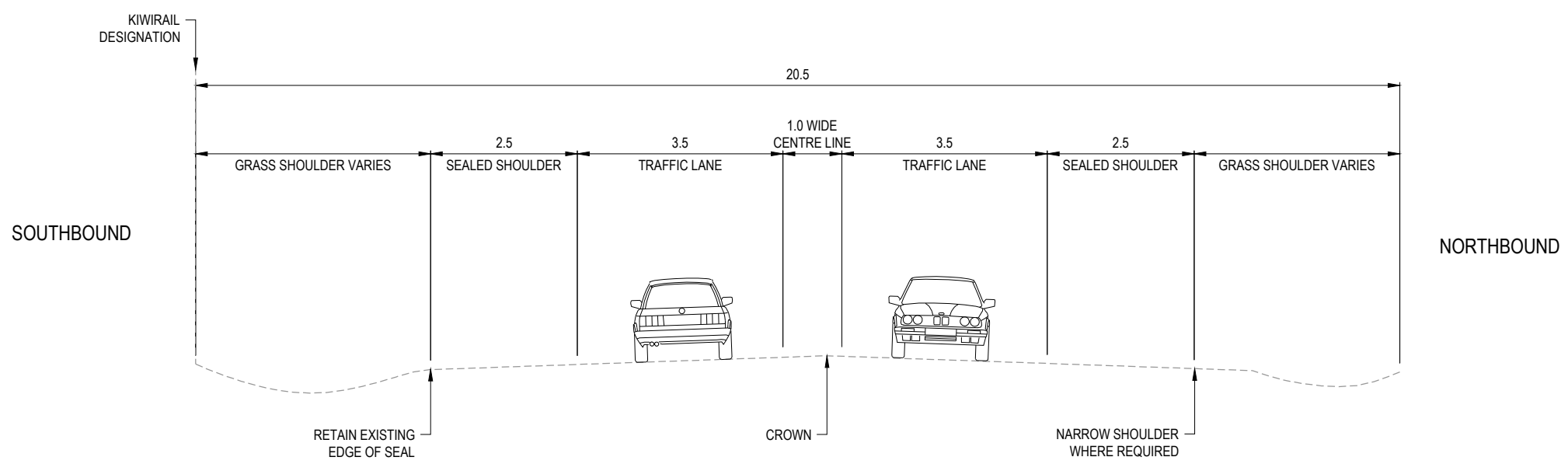
----- EXISTING SURFACE

———— PROPOSED SURFACE

- NOTES:**
1. DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. DRAWINGS NOT TO BE USED FOR CONSTRUCTION PURPOSES.
 3. GRADES SHOWN ARE INDICATIVE ONLY.
 4. SOUTHBOUND PASSING LANE REMOVED.



SECTION 11 11A EXISTING
SCALE 1:100 221 223

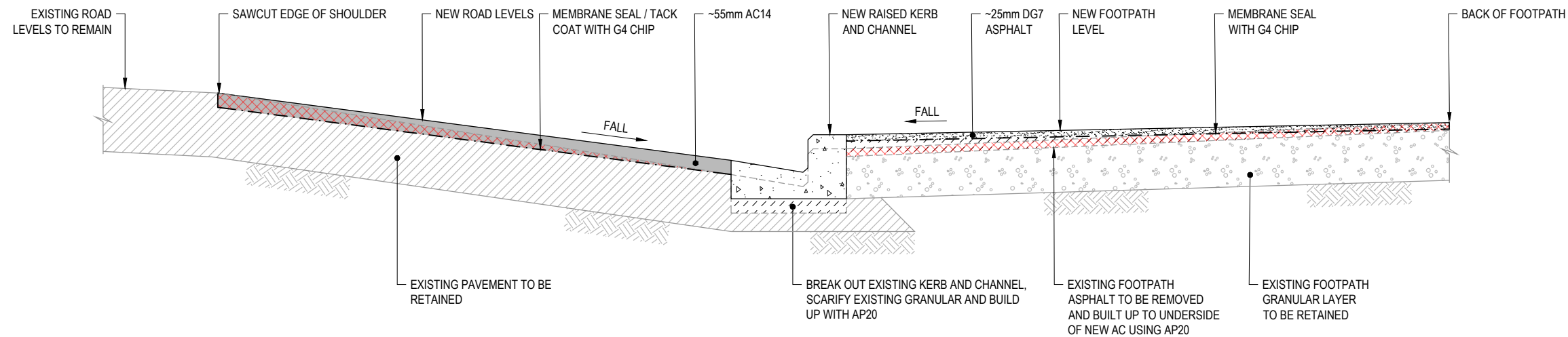


SECTION 11A 11A PROPOSED
SCALE 1:100 221 223



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	LIWA	Oct.21		PROJECT PHASE
					DESIGN CHECKED	RWD	26/11/21	PRELIMINARY DESIGN	
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

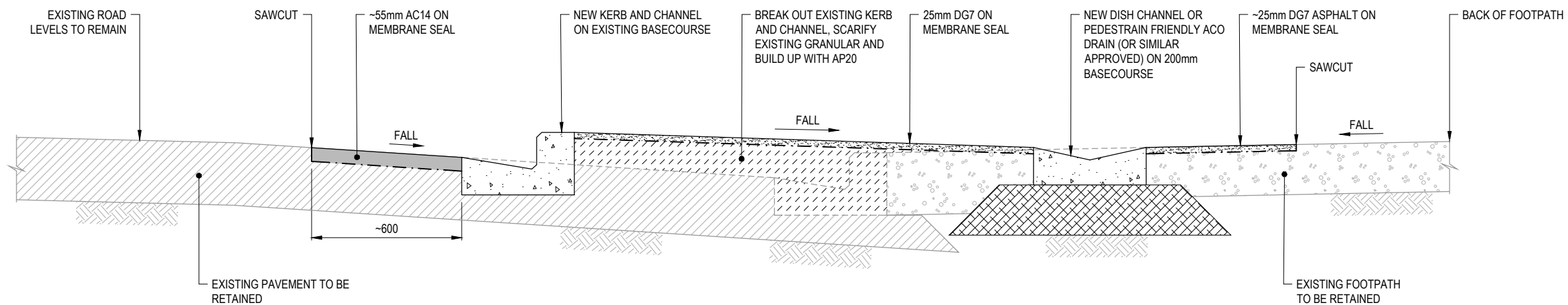
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL
	TYPICAL ROAD CROSS SECTIONS - SHEET 11 OF 11
SCALE (A3)	1:100
DWG No.	85920.0040-CV-0311
REV	1



LEGEND	
--- --	MEMBRANE SEAL WITH G4 CHIP
— — —	PROPOSED SURFACE
— — —	EXISTING SURFACE TO REMAIN
---	EXISTING SURFACE TO BE BROKEN OUT
▨	DG7 ASPHALT
▩	AC14 ASPHALT
▧	MILL EXISTING PAVEMENT
▤	KERB AND CHANNEL
▥	AP20
▦	BASECOURSE
▨	EXISTING PAVEMENT
▩	EXISTING GRANULAR
▧	EXISTING GROUND

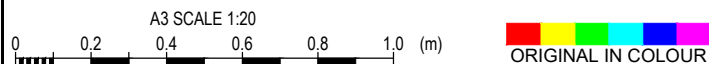
NOTES:
 1. IF KERBS ARE LIFTED >55mm IN SHOULDERS (>25mm IN FOOTPATH), THEN IT MAYBE NECESSARY TO BUILD UP LEVELS WITH AP20 TO UNDERSIDE OF AC, OR BUILD UP WITH AC. EXISTING AC THICKNESS NEED TO BE INVESTIGATED AND MATERIALS CONFIRMED IN SUCH AREAS.

WAITOHU VALLEY ROAD TO COUNTRY ROAD - OPTION 2
 INDICATIVE PAVEMENT DESIGN (SEE NOTE 2)
 SCALE 1:20



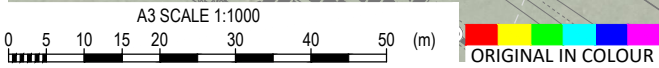
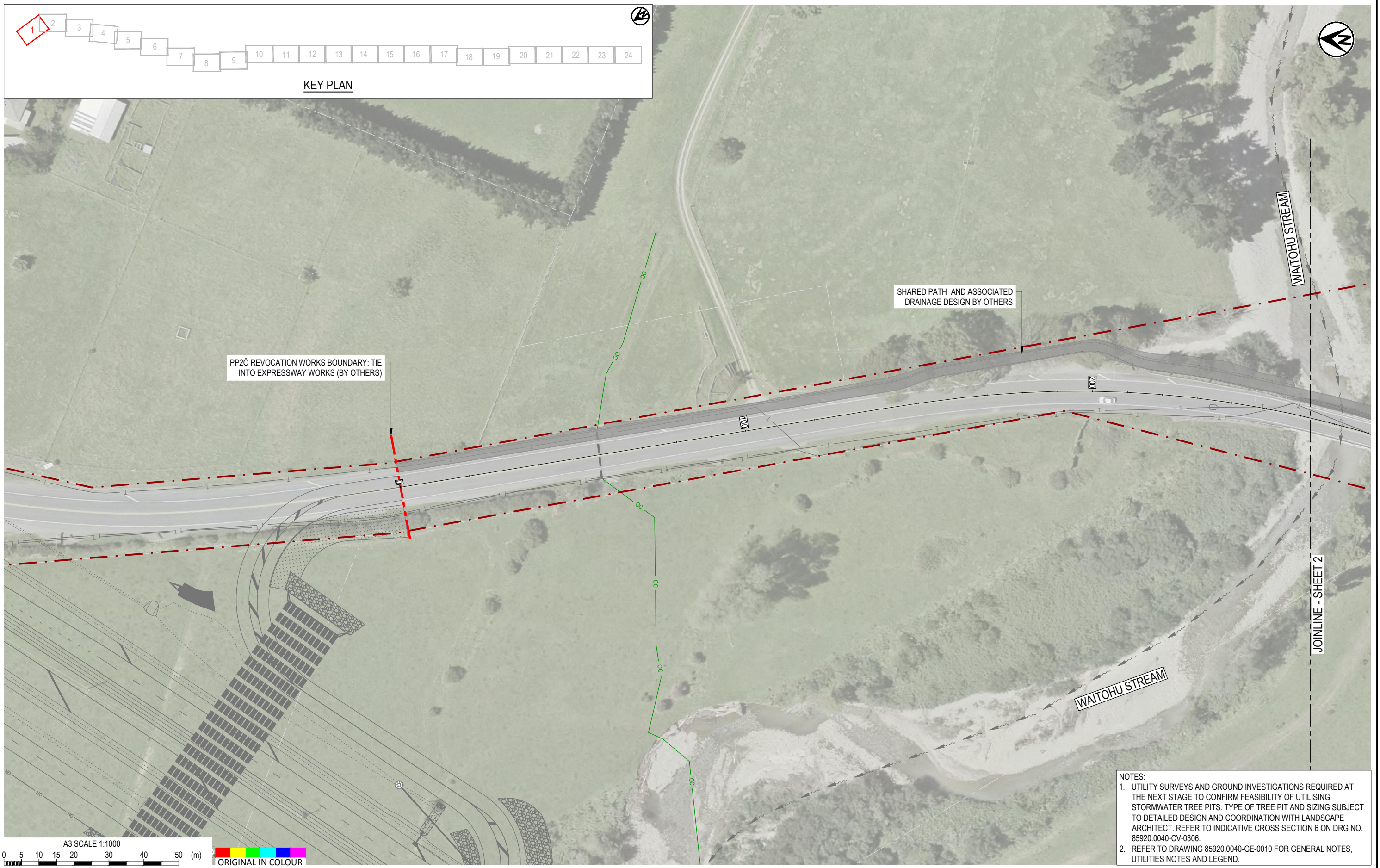
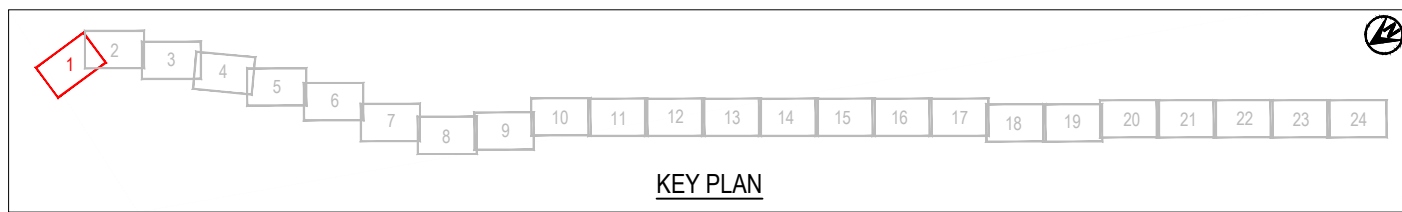
RAHUI ROAD TO WAERENGA ROAD - OPTION 3
 INDICATIVE PAVEMENT DESIGN (SEE NOTE 2)
 SCALE 1:20

NOTES:
 1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. REFER TO PP20 REVOCATION PRELIMINARY DESIGN REPORT FOR FURTHER DETAILS ON INDICATIVE PAVEMENT DESIGN OPTIONS.



DESIGNED	SJG	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE
				APPROVED
				DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	CIVIL STANDARD ROAD DETAILS
SCALE (A3)	1:20
DWG No.	85920.0040-CV-0361
REV	1



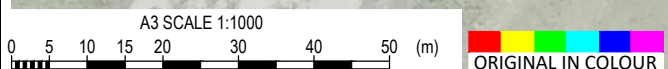
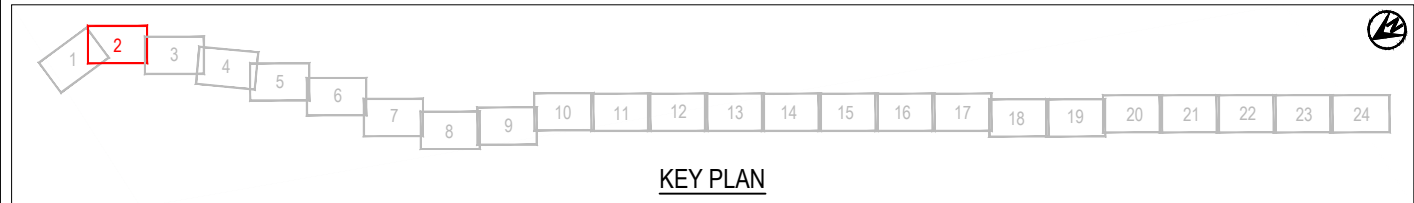
NOTES:
 1. UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
 2. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
LWA	RWD	26/11/21	
CAD	CHK	DATE	APPROVED DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 1 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0401
REV	1

1	FOR CLIENT REVIEW
REV	DESCRIPTION



NOTES:
 1. UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
 2. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.

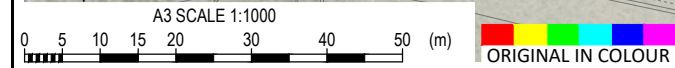
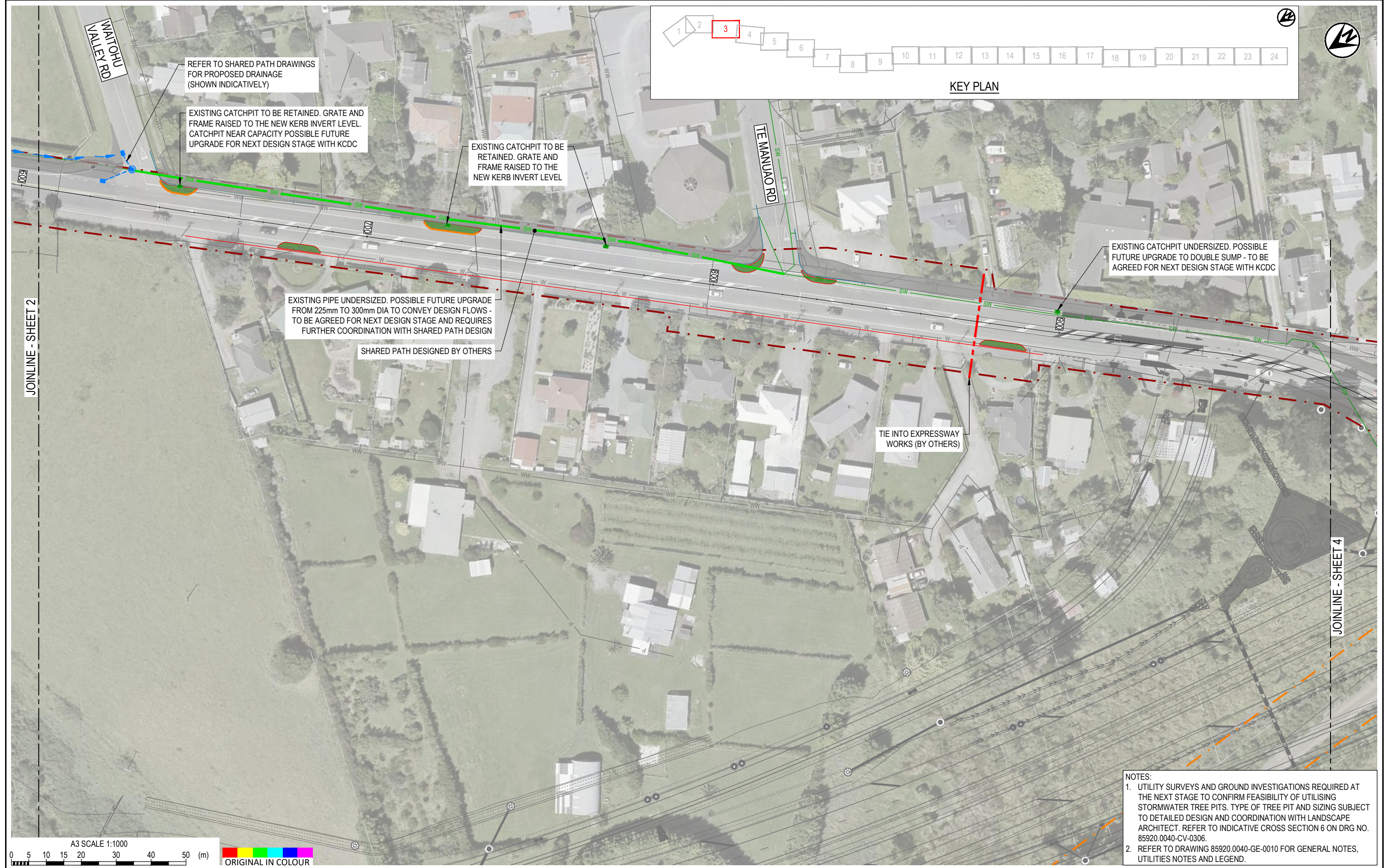
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NZ TRANSPORT AGENCY

Kāpiti Coast
DISTRICT COUNCIL
Me Huri Whakamuri, Ka Titiro Whakamua

DESIGNED	MIME	Oct.21	DRAWING STATUS			
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE			
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE			
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN			
NOT FOR CONSTRUCTION						
<small>THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED</small>						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 2 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0402
REV	1

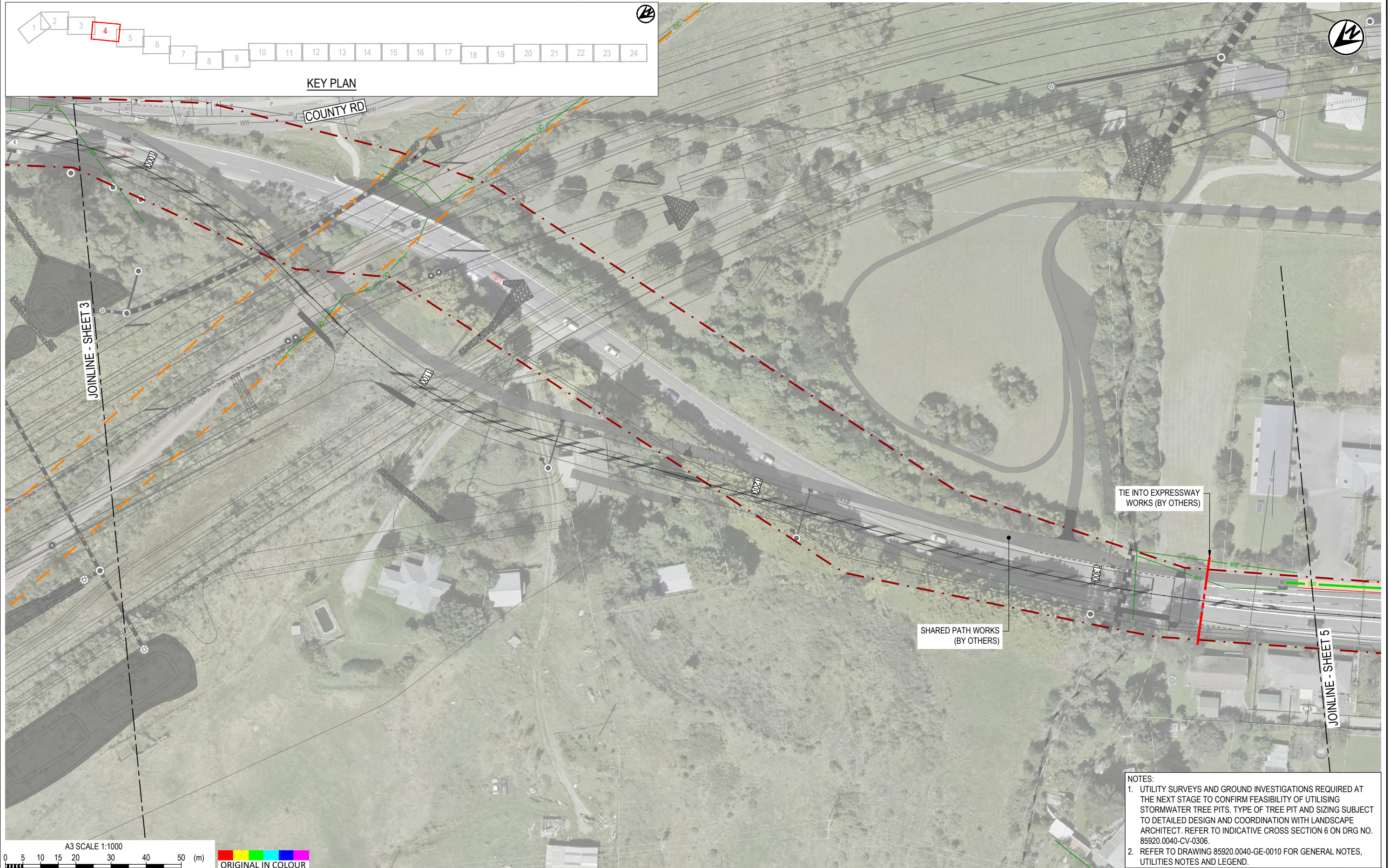


- NOTES:
- UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
 - REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE		
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE	PROJECT PHASE		
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	PRELIMINARY DESIGN		
DRAWING CHECKED	MROH	5/10/21				
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 3 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0403
REV	1

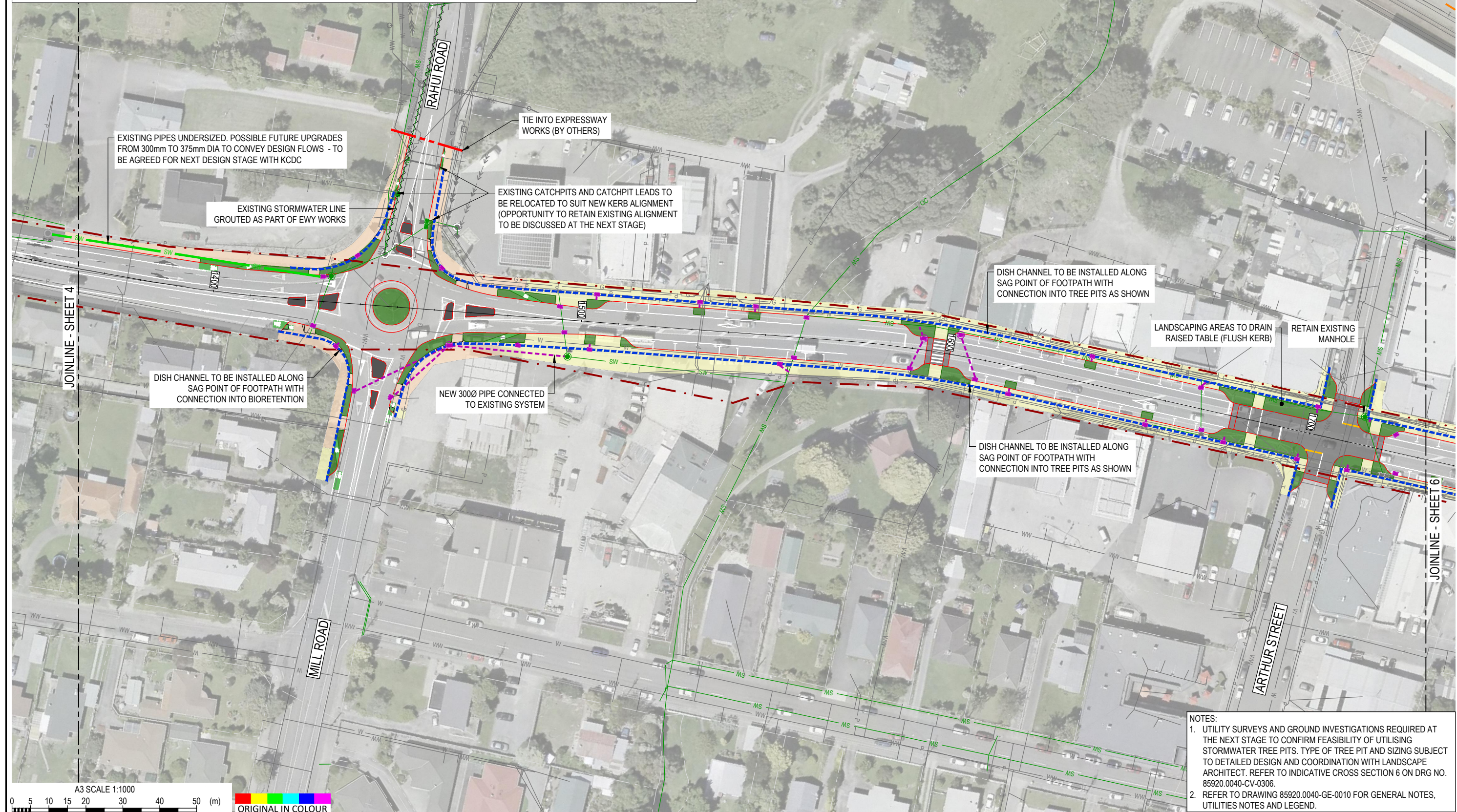
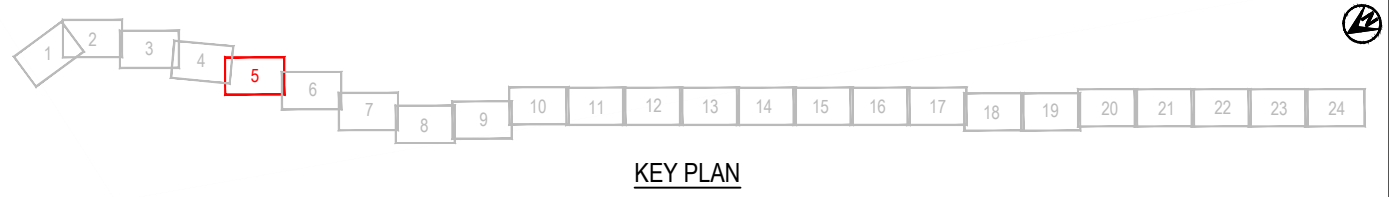


NOTES:
 1. UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
 2. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



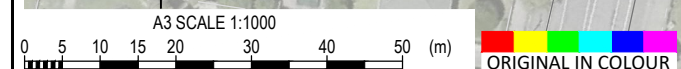
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	MIME	Oct.21	DRAWING STATUS
					DRAWN	DSW	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 4 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0404
REV	1



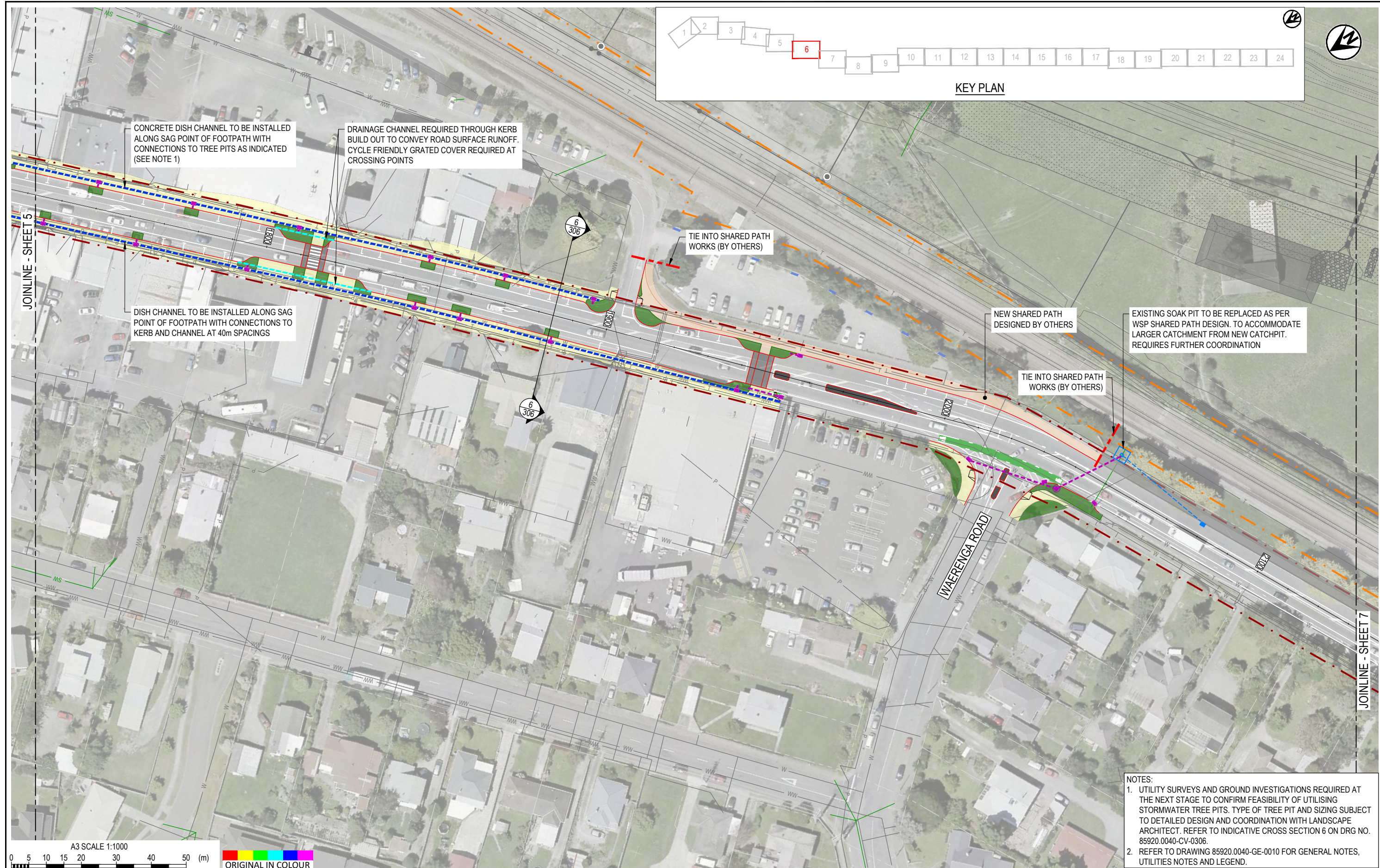
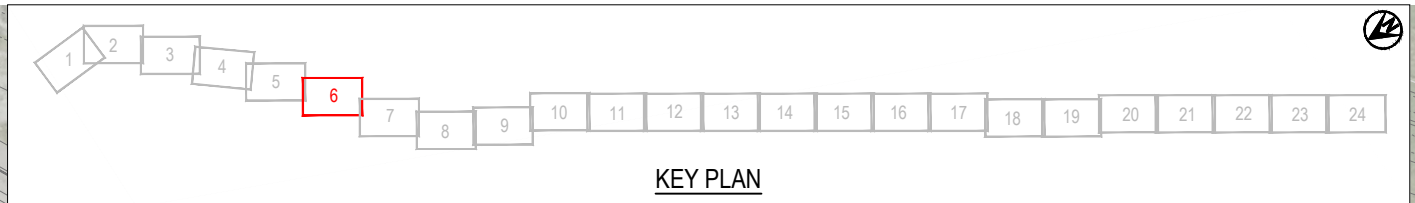
NOTES:

- UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
- REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



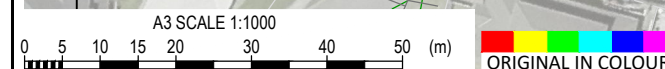
DESIGNED	MIME	Oct/21	DRAWING STATUS	CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
DRAWN	DSW	Oct/21	CLIENT REVIEW ISSUE	PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	TITLE	DRAINAGE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN		PROPOSED DRAINAGE LAYOUT - SHEET 5 OF 24
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	

SCALE (A3)	1:1000	DWG No.	85920.0040-DR-0405	REV	1
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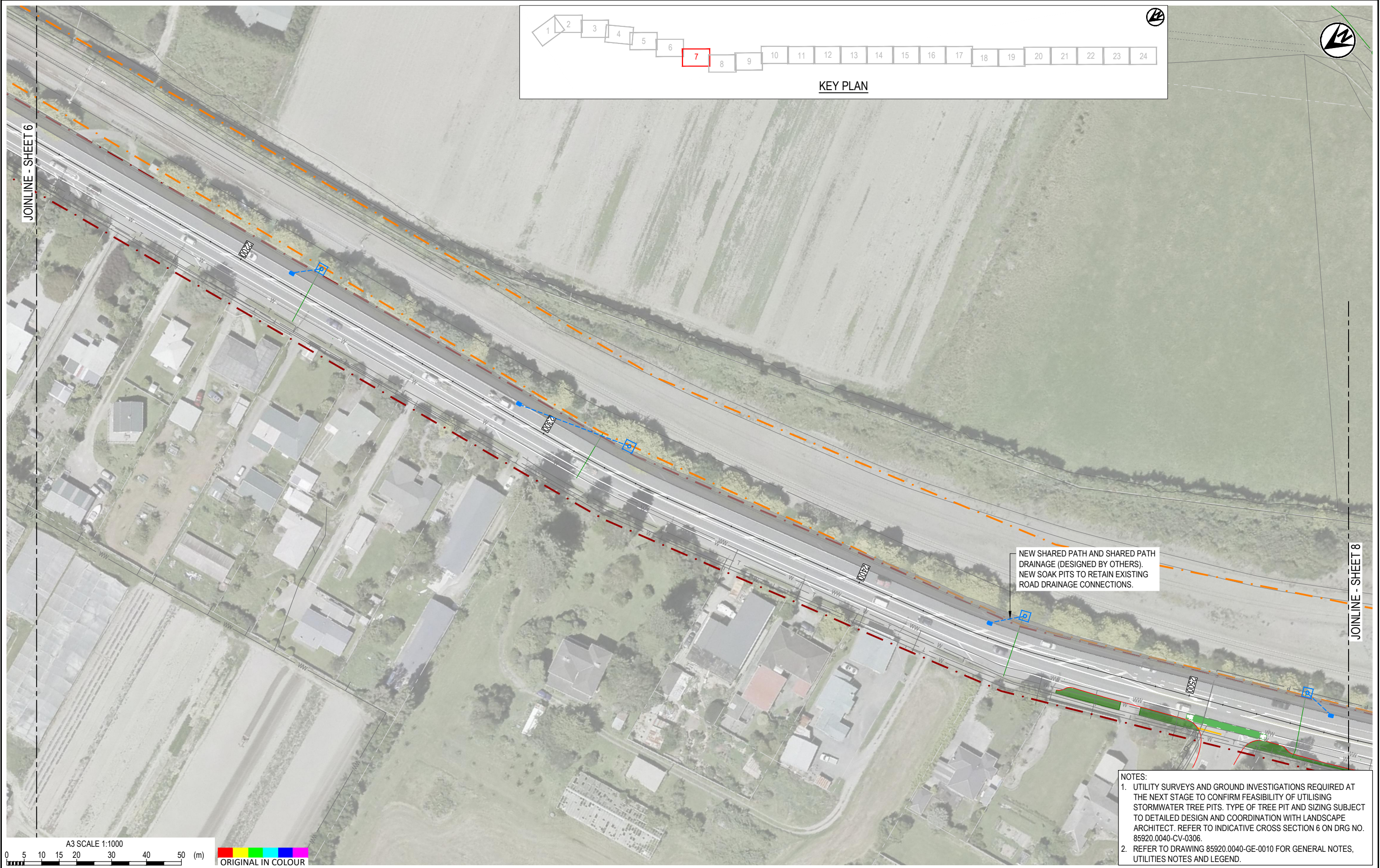
NOTES:

- UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
- REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
1	FOR CLIENT REVIEW	LWA	RWD
REV	DESCRIPTION	CAD	CHK
			DATE
			APPROVED
			DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 6 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0406
REV	1

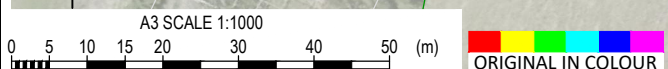
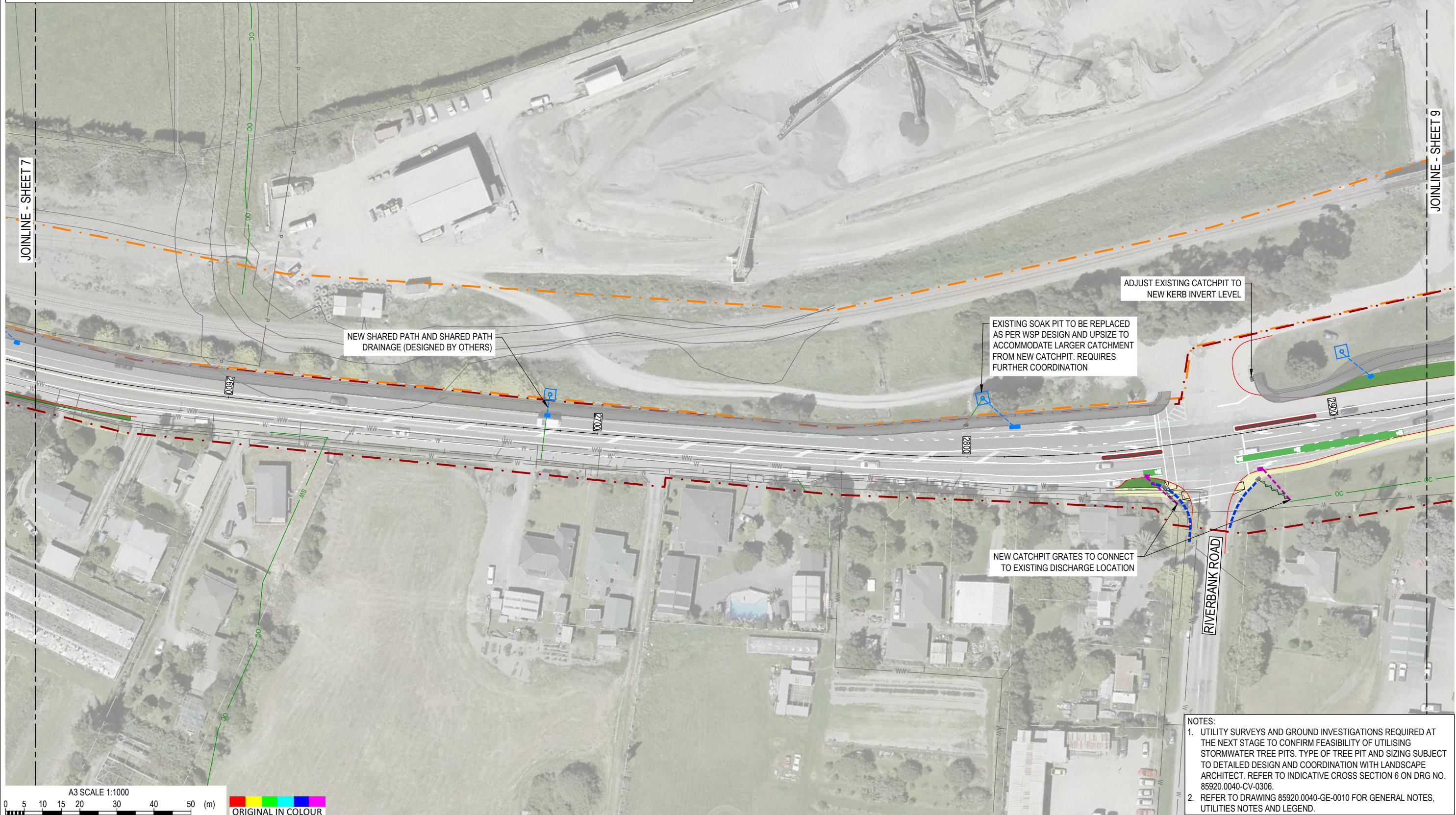


NOTES:
 1. UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
 2. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS	CLIENT	WAKA KOTAHİ NZ TRANSPORT AGENCY	
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE	PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION	
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	TITLE	DRAINAGE	
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN		PROPOSED DRAINAGE LAYOUT - SHEET 7 OF 24	
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

SCALE (A3)	1:1000	DWG No.	85920.0040-DR-0407	REV	1
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NOTES:

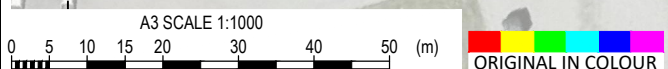
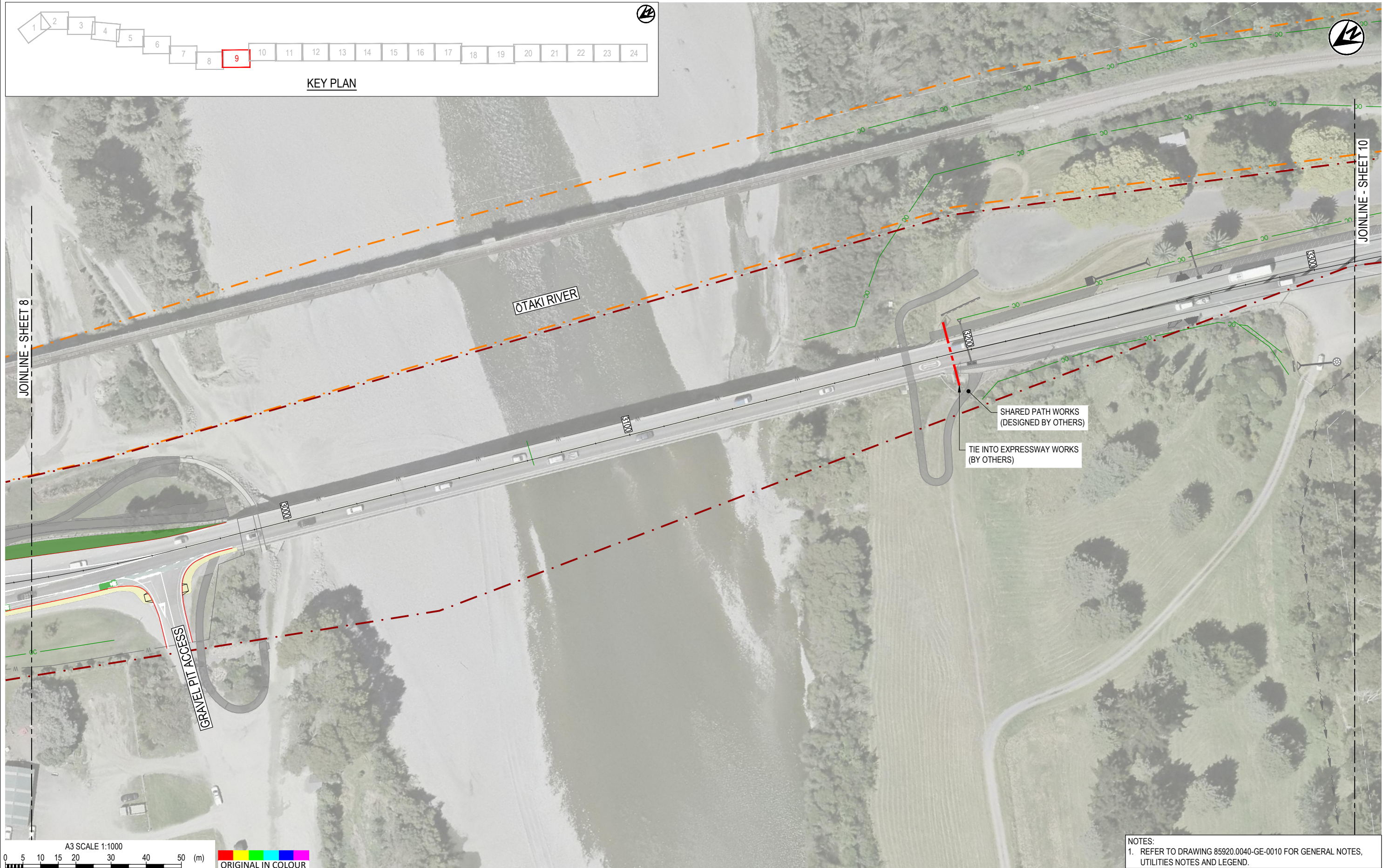
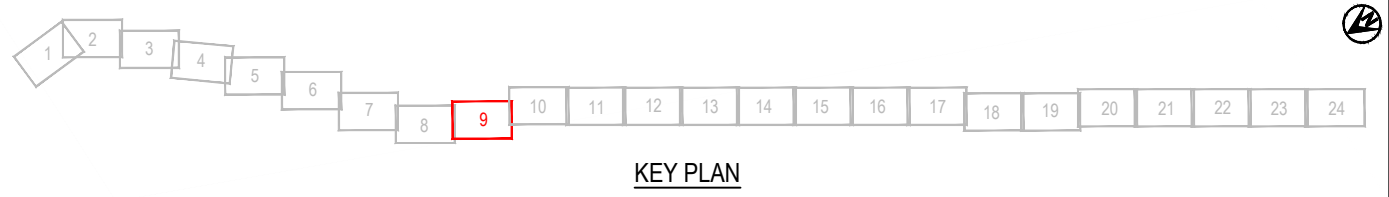
- UTILITY SURVEYS AND GROUND INVESTIGATIONS REQUIRED AT THE NEXT STAGE TO CONFIRM FEASIBILITY OF UTILISING STORMWATER TREE PITS. TYPE OF TREE PIT AND SIZING SUBJECT TO DETAILED DESIGN AND COORDINATION WITH LANDSCAPE ARCHITECT. REFER TO INDICATIVE CROSS SECTION 6 ON DRG NO. 85920.0040-CV-0306.
- REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

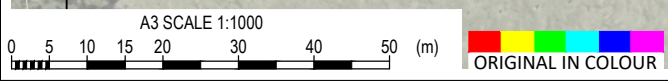
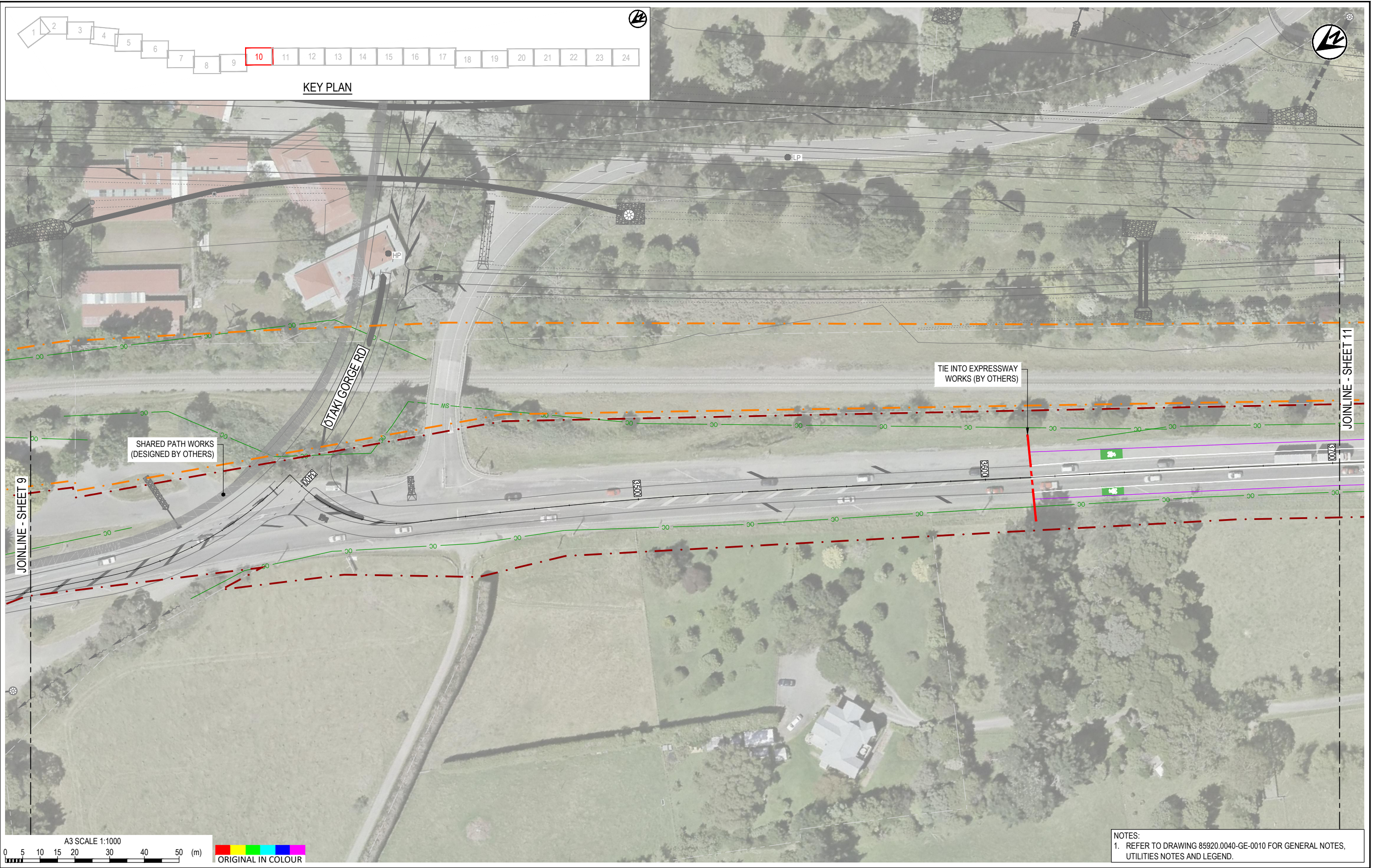
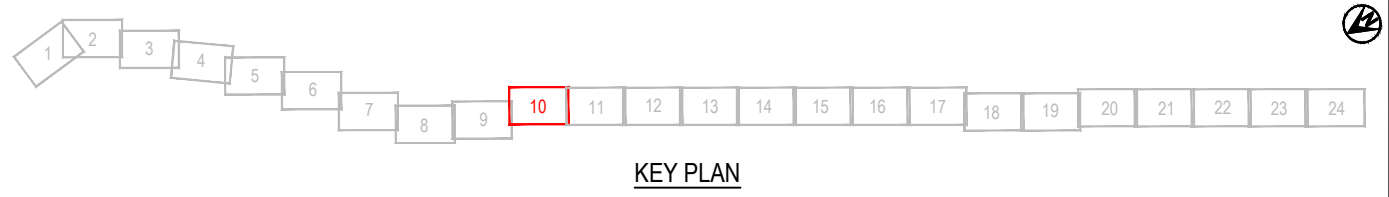
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION		
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 8 OF 24		
SCALE (A3)	1:1000	DWG No.	85920.0040-DR-0408
REV	1		



NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.

1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	MIME	Oct.21	DRAWING STATUS
					DRAWN	DSW	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 9 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0409
REV	1



NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.

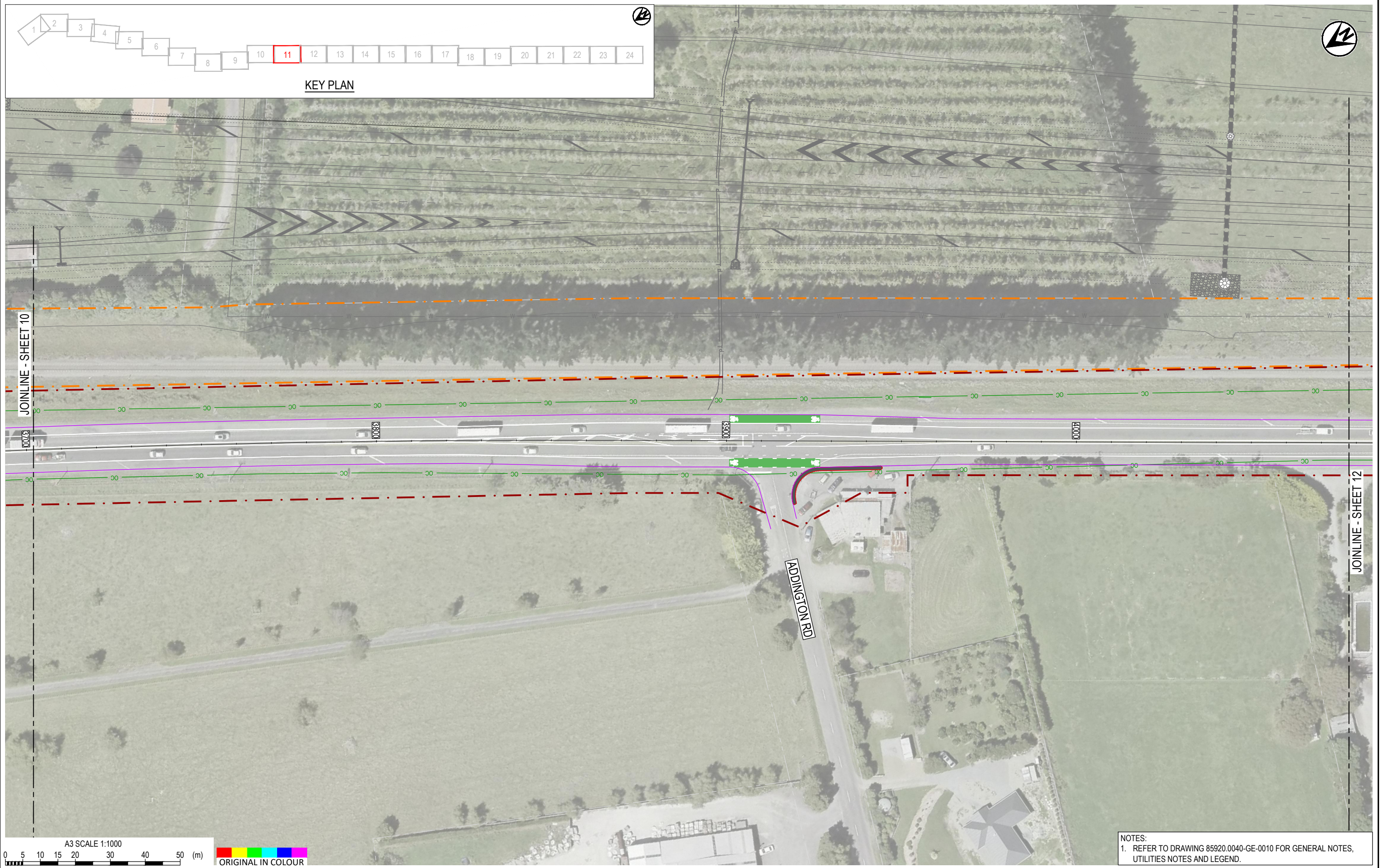
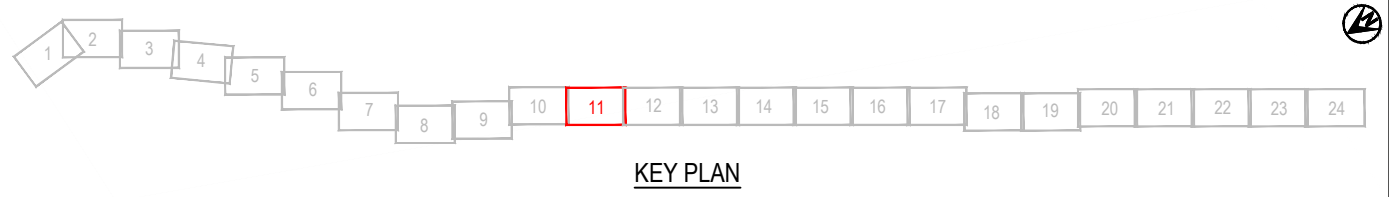
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DISTRICT COUNCIL
Me Huri Whakamuri, Ka Titiro Whakamua

DESIGNED	MIME	Oct.21	DRAWING STATUS			
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE			
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE			
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN			
NOT FOR CONSTRUCTION						
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 10 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0410
REV	1

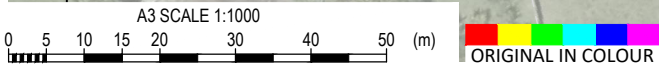
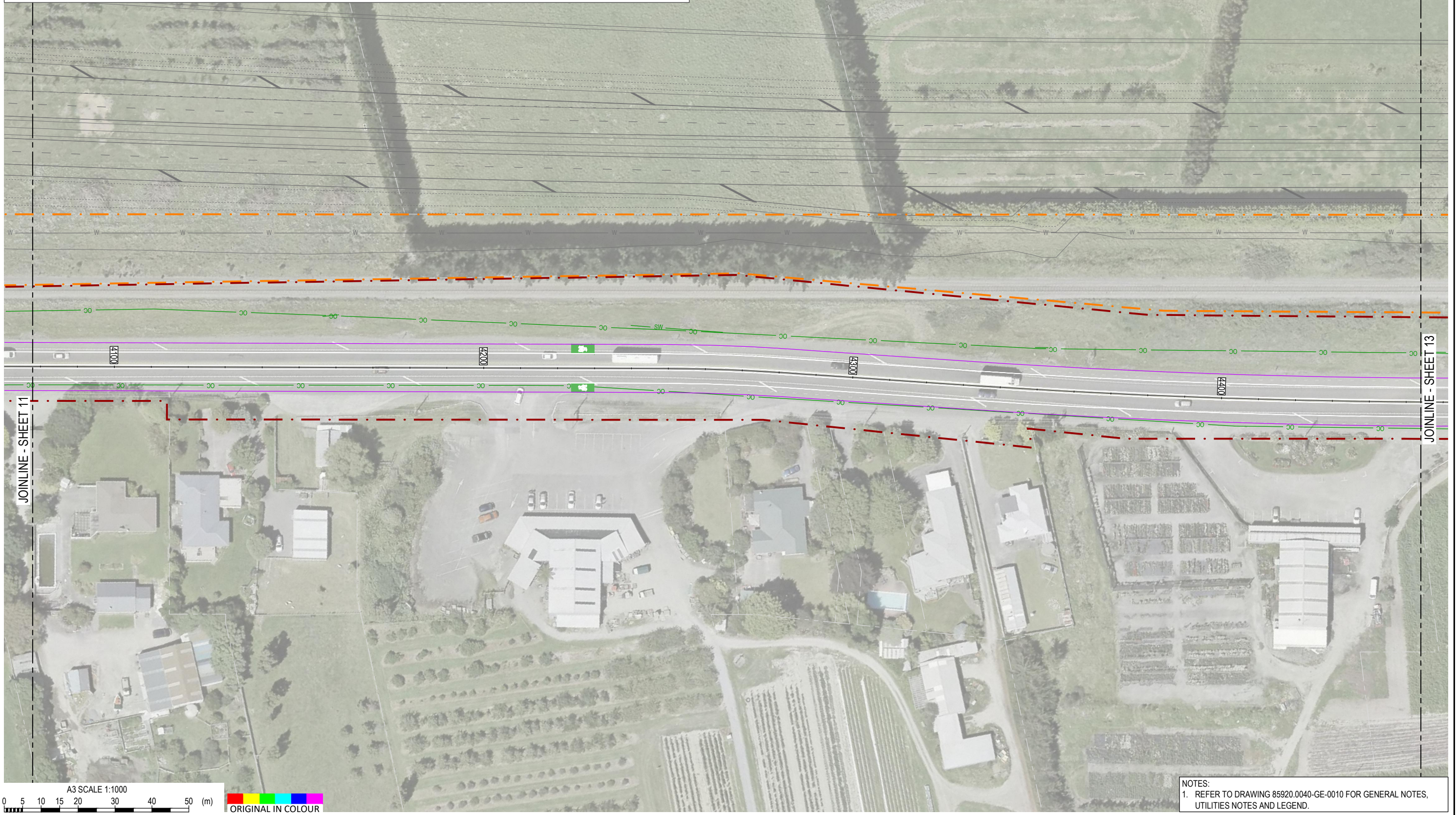
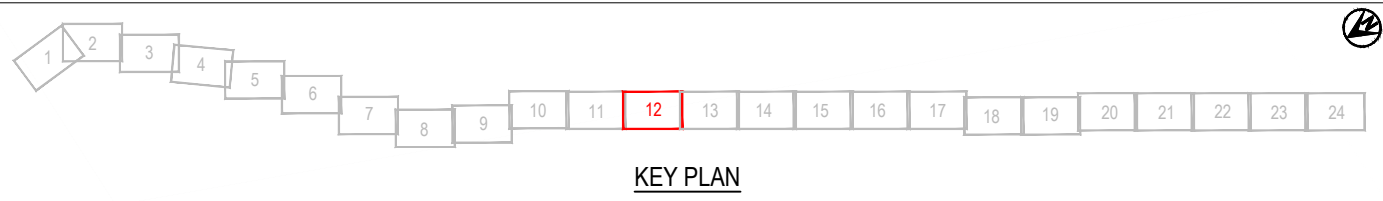


NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS			
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE			
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE			
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN			
NOT FOR CONSTRUCTION						
<small>THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED</small>						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 11 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0411
REV	1



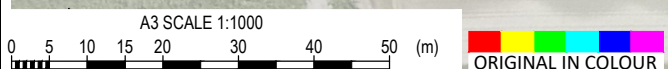
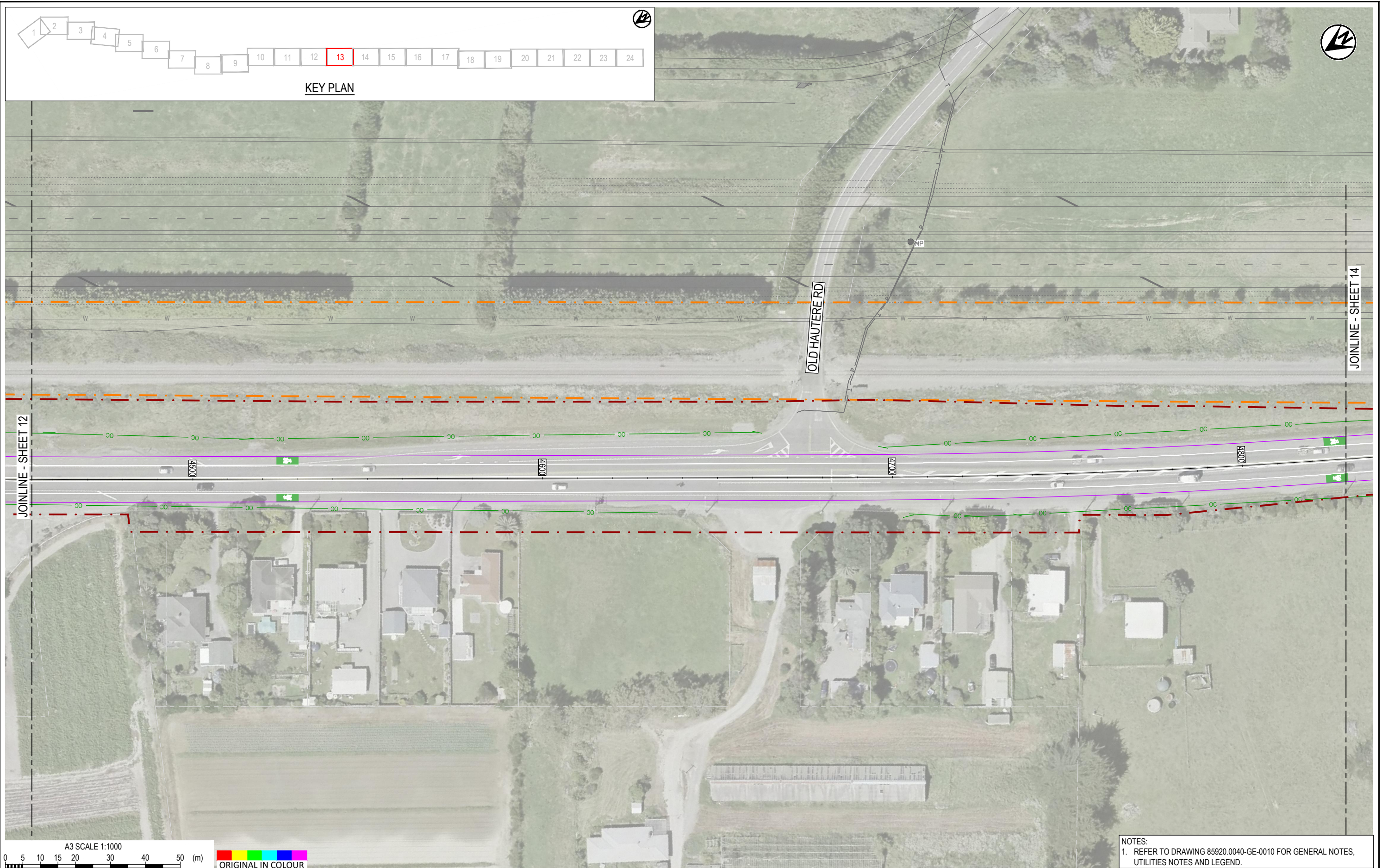
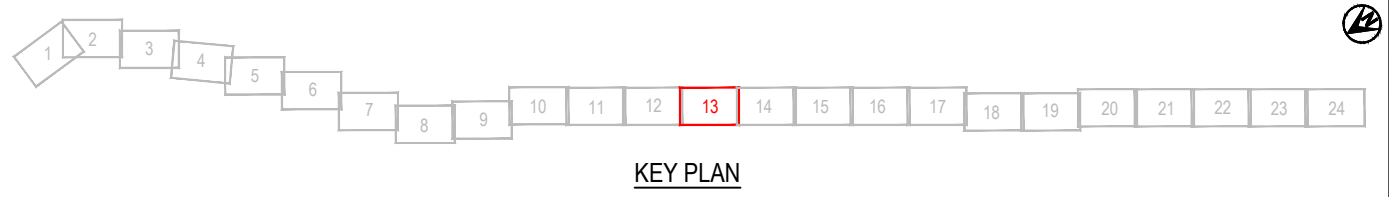
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
LWA	RWD	26/11/21	
CAD	CHK	DATE	APPROVED DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 12 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0412
REV	1

1	FOR CLIENT REVIEW
REV	DESCRIPTION



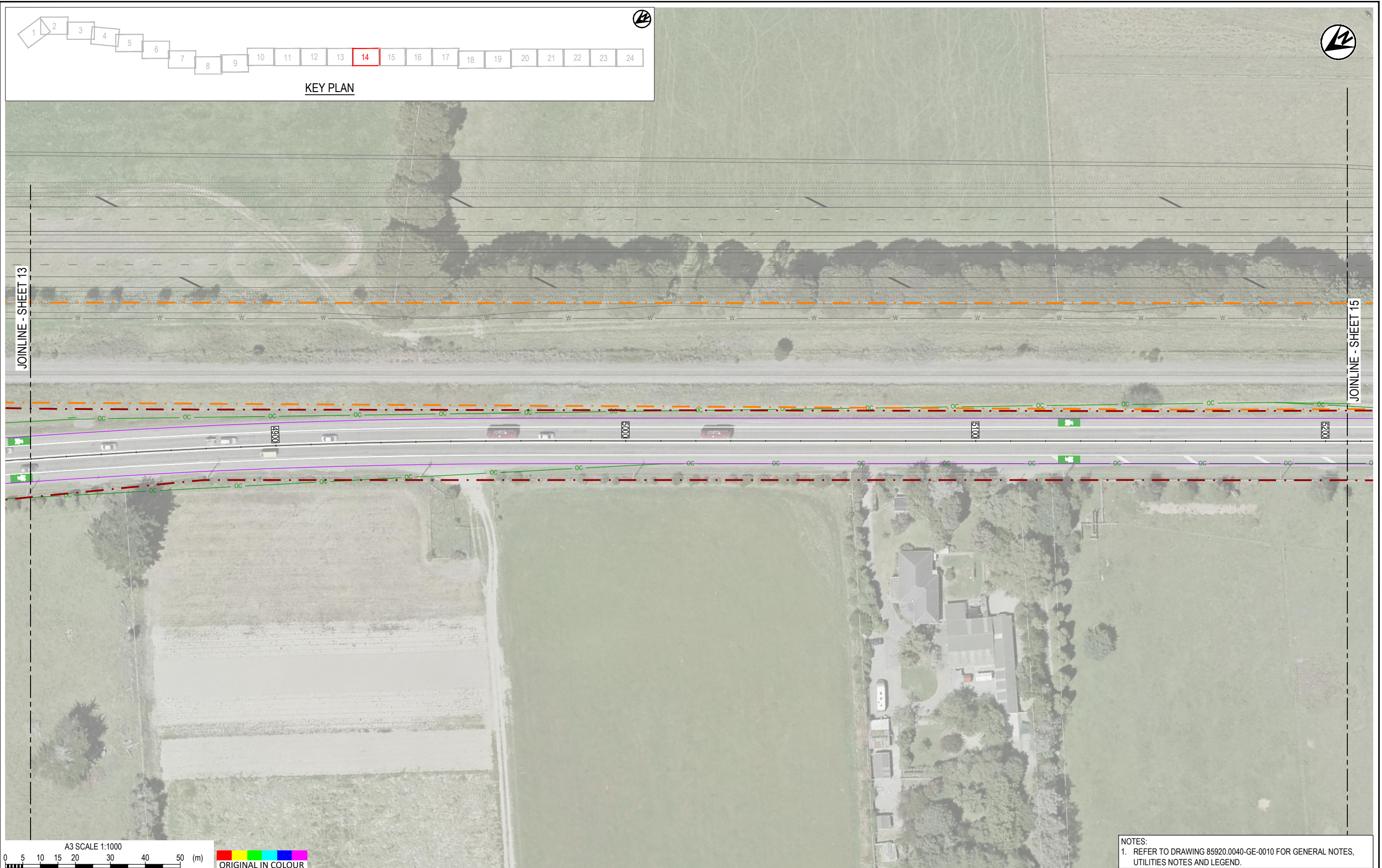
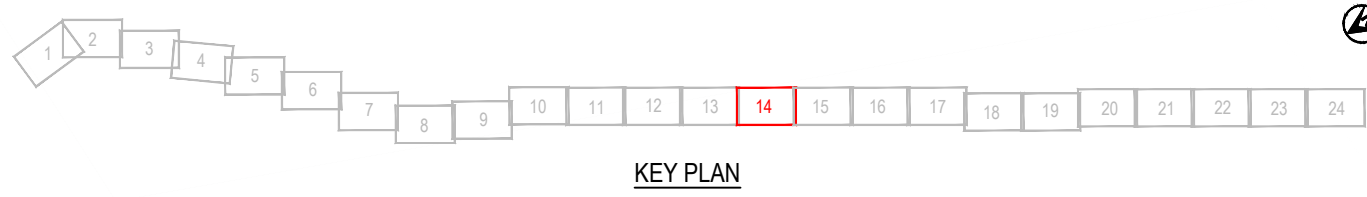
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 13 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0413
REV	1



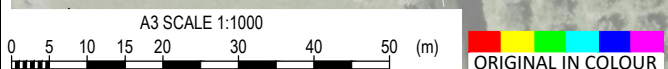
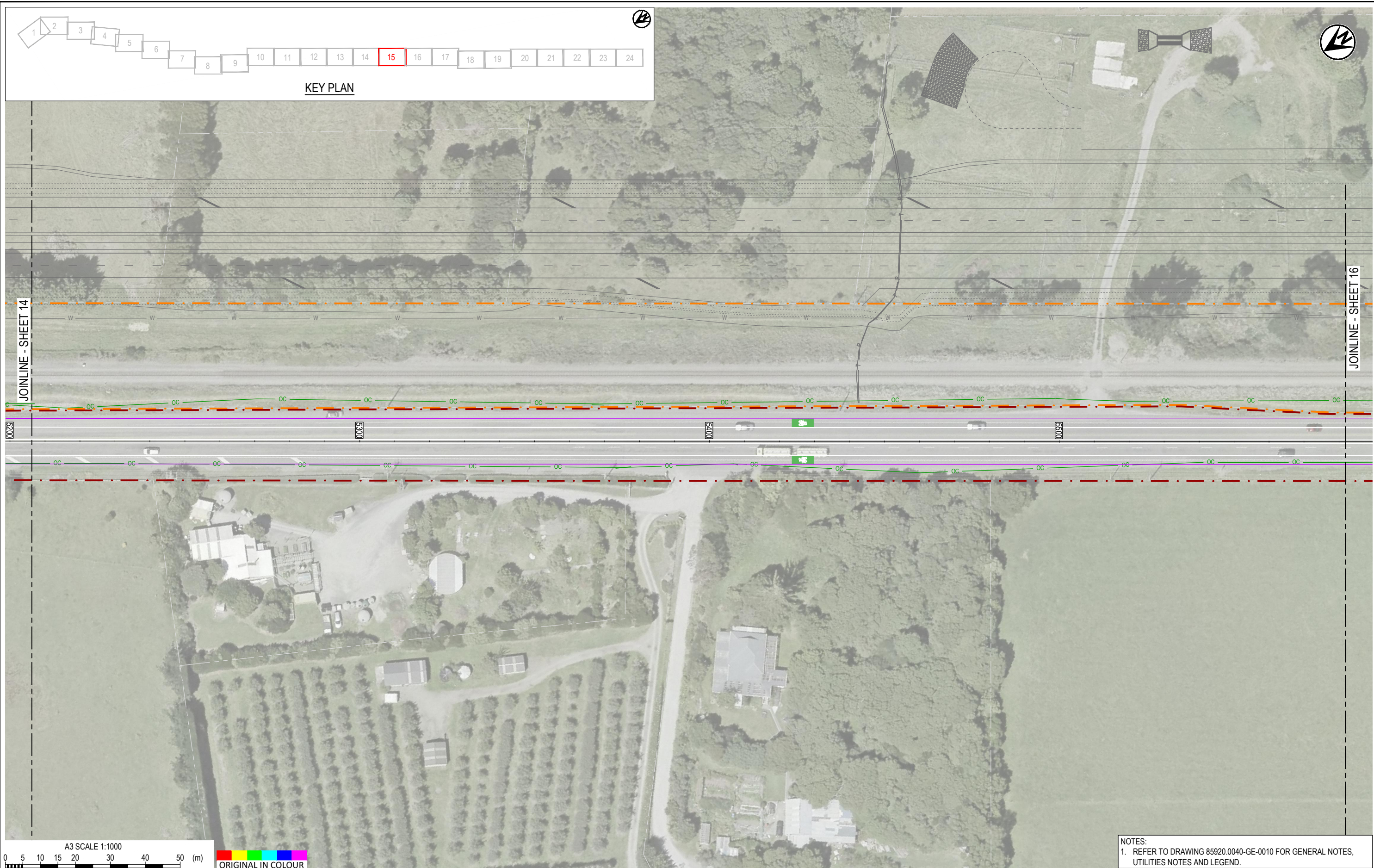
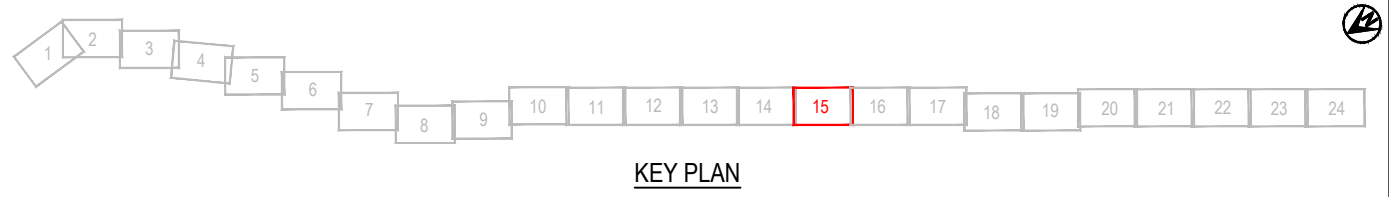
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 14 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0414
REV	1



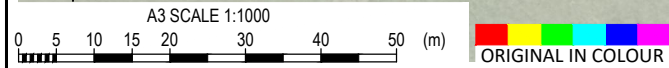
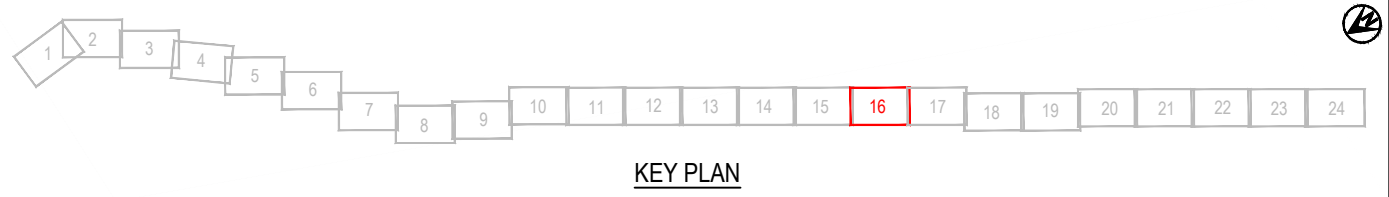
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21

DESIGNED	MIME	Oct 21	DRAWING STATUS CLIENT REVIEW ISSUE PROJECT PHASE PRELIMINARY DESIGN	
DRAWN	DSW	Oct 21		
DESIGN CHECKED	RWD	26/11/21		
DRAWING CHECKED	MROH	5/10/21		
NOT FOR CONSTRUCTION				THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED
APPROVED	DATE			

CLIENT	WAKA KOTAHĪ NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION		
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 15 OF 24		
SCALE (A3)	1:1000	DWG No.	85920.0040-DR-0415
REV	1		

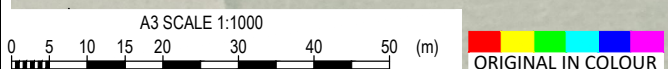
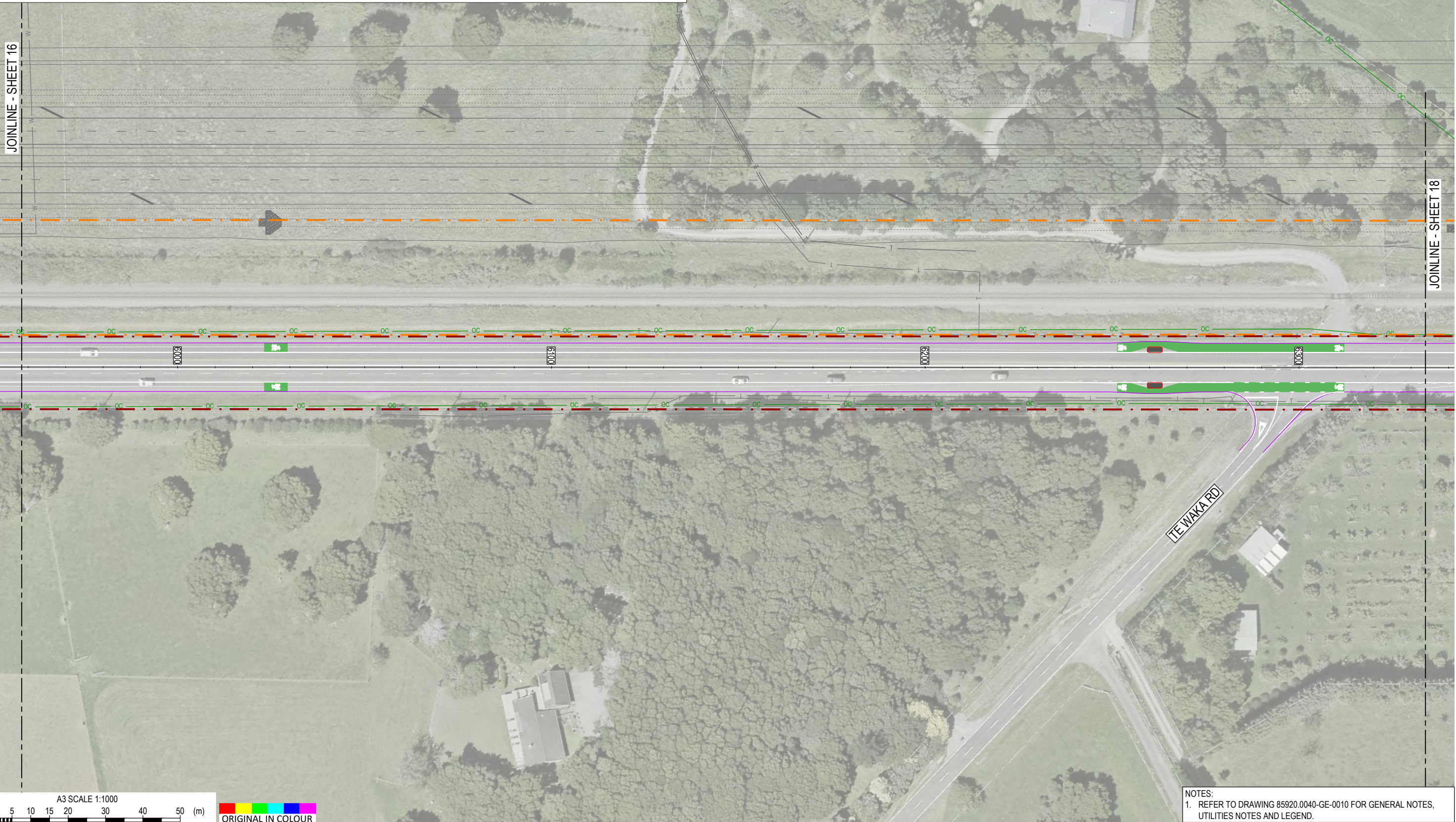
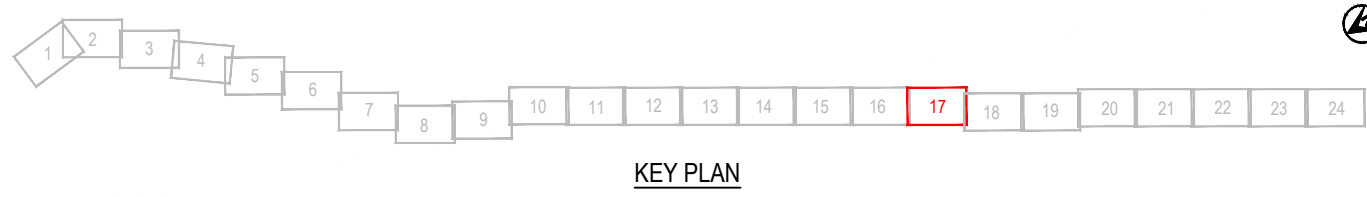


NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



DESIGNED	MIME	Oct.21	DRAWING STATUS			
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE			
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE			
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN			
NOT FOR CONSTRUCTION						
<small>THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED</small>						
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 16 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0416
REV	1



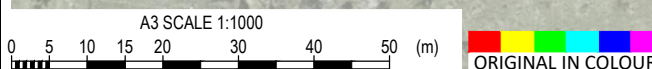
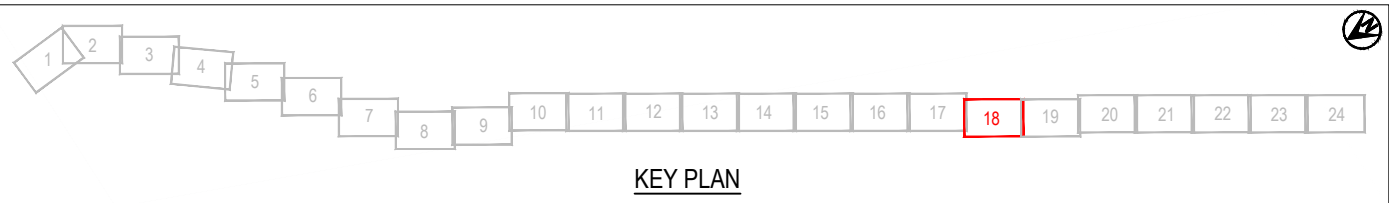
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 17 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0417
REV	1



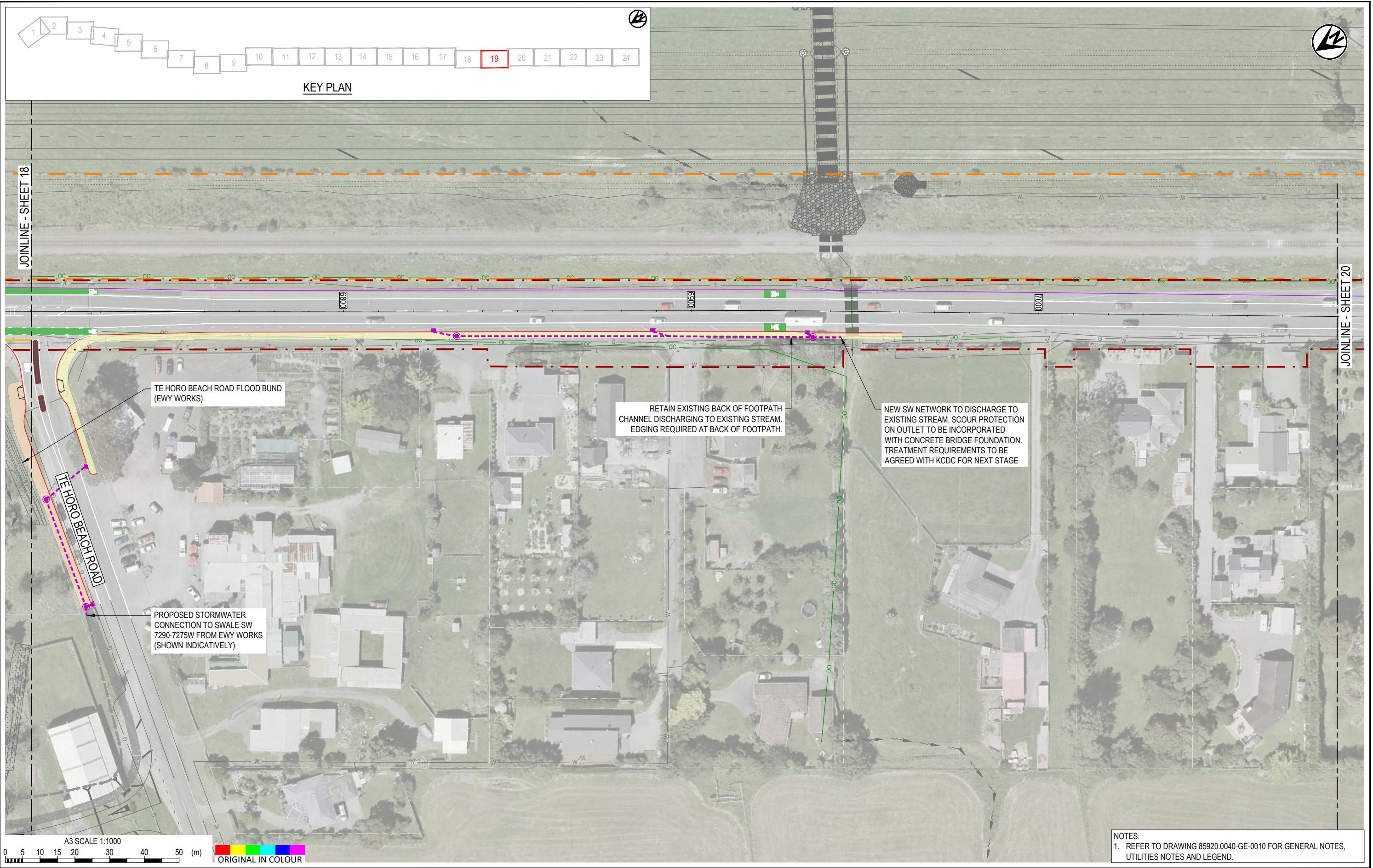
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY		
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION		
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 18 OF 24		
SCALE (A3)	1:1000	DWG No.	85920.0040-DR-0418
REV	1		

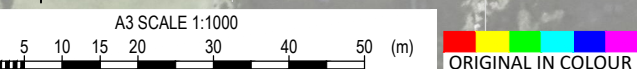
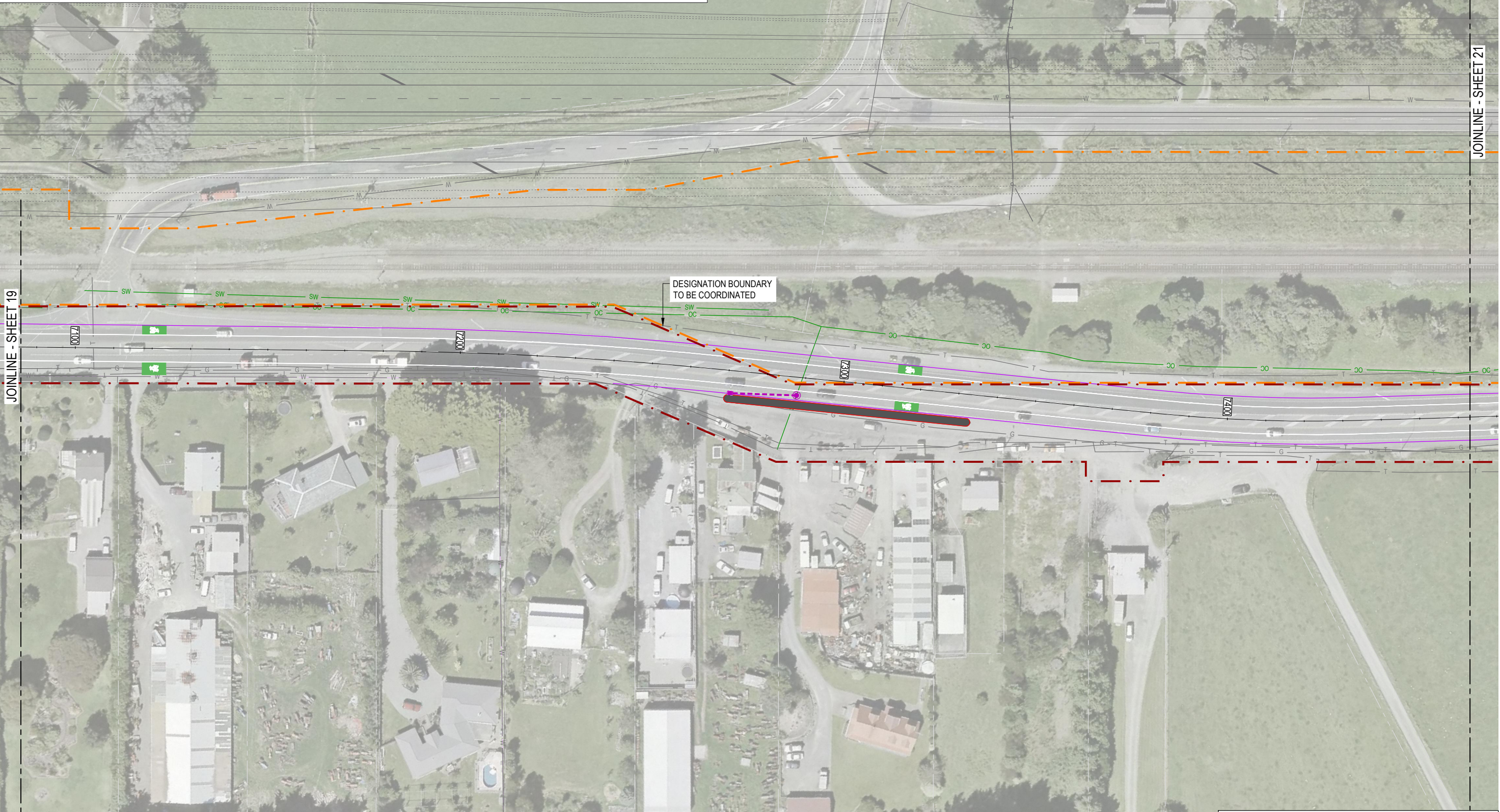
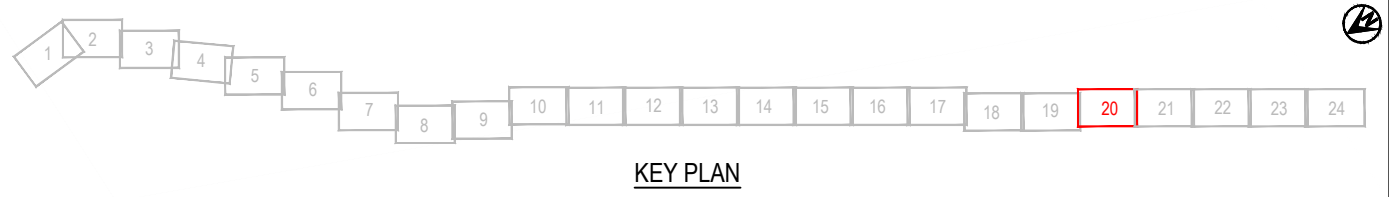


NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	MIME	Oct.21	DRAWING STATUS
					DRAWN	DSW	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 19 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0419
REV	1



NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.

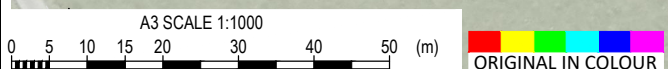
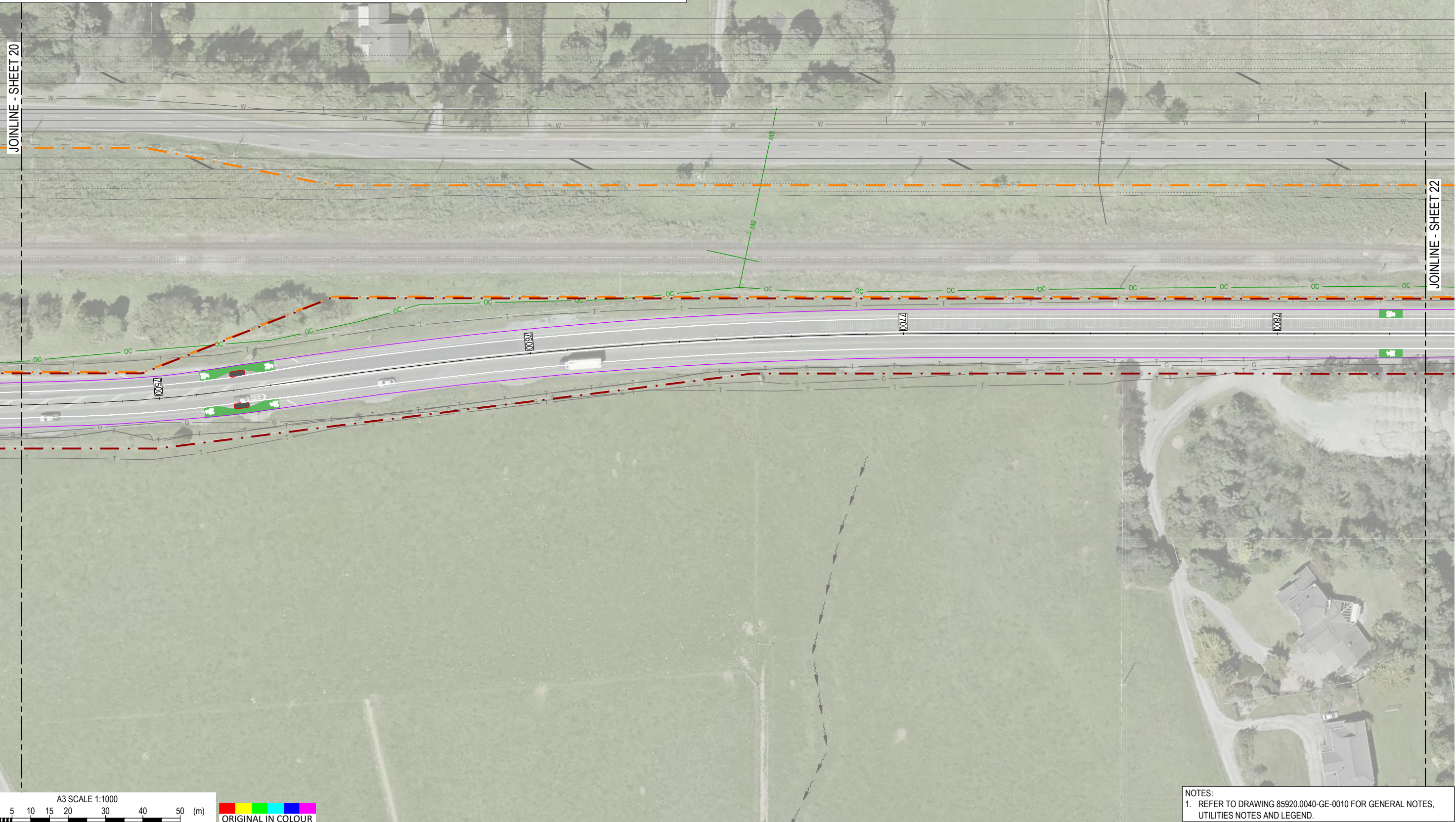
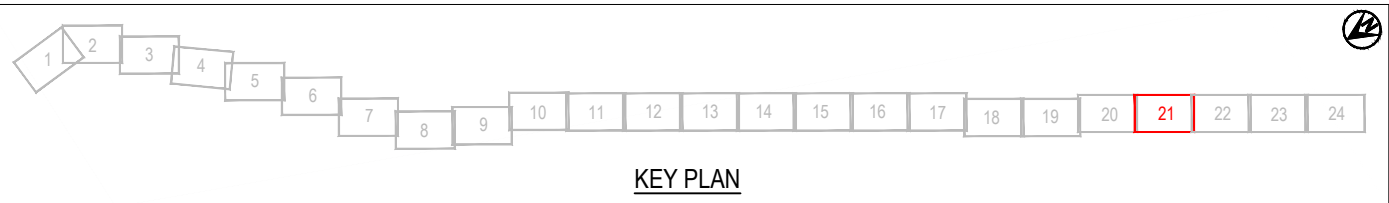


1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED DRAWN DESIGN CHECKED DRAWING CHECKED	MIME DSW RWD MROH	Oct.21 Oct.21 26/11/21 5/10/21	DRAWING STATUS CLIENT REVIEW ISSUE PROJECT PHASE PRELIMINARY DESIGN
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE	NOT FOR CONSTRUCTION THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 20 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0420
REV	1

JOINLINE - SHEET 19

JOINLINE - SHEET 21



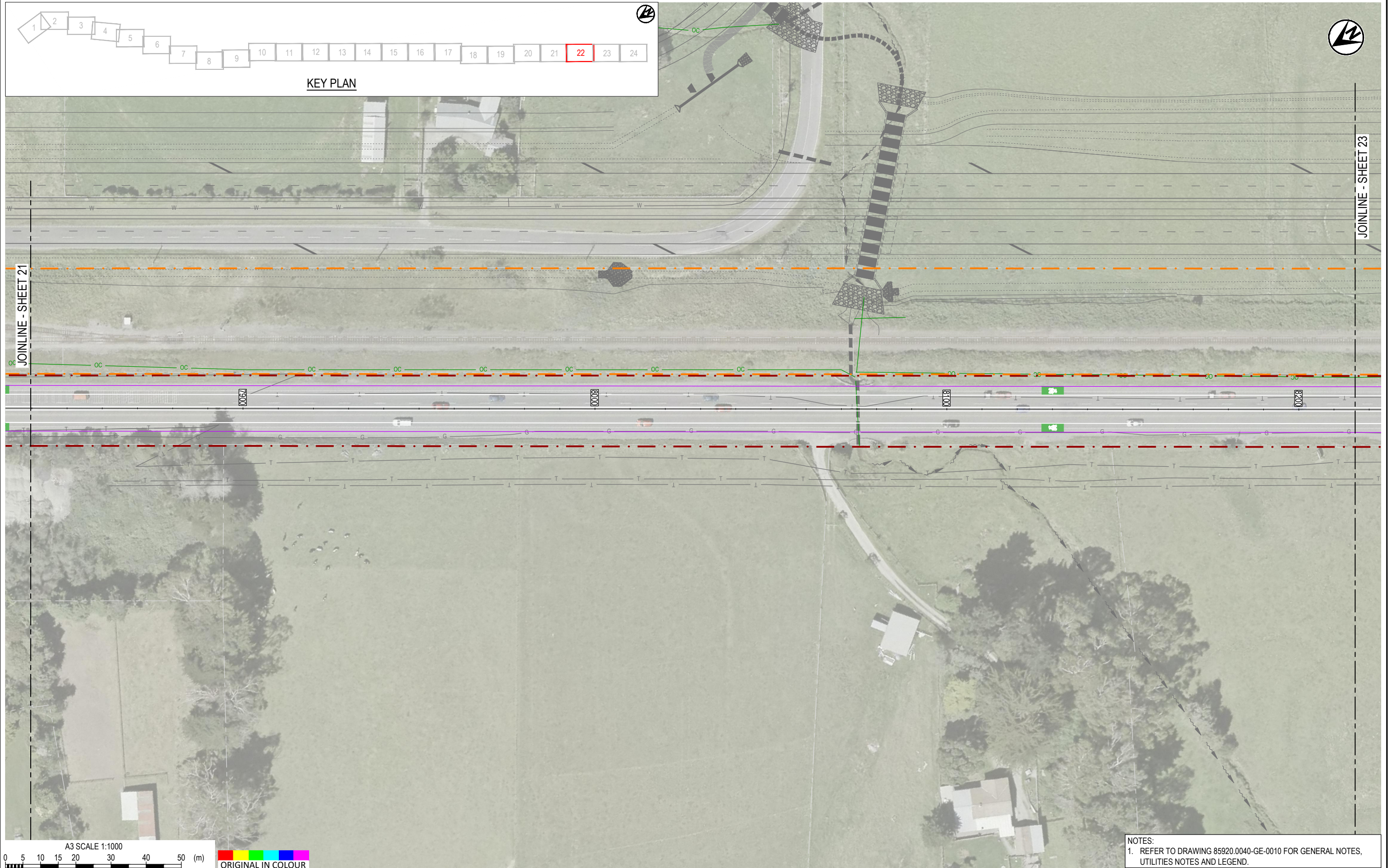
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			
APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 21 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0421
REV	1

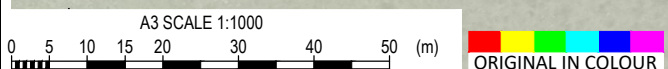
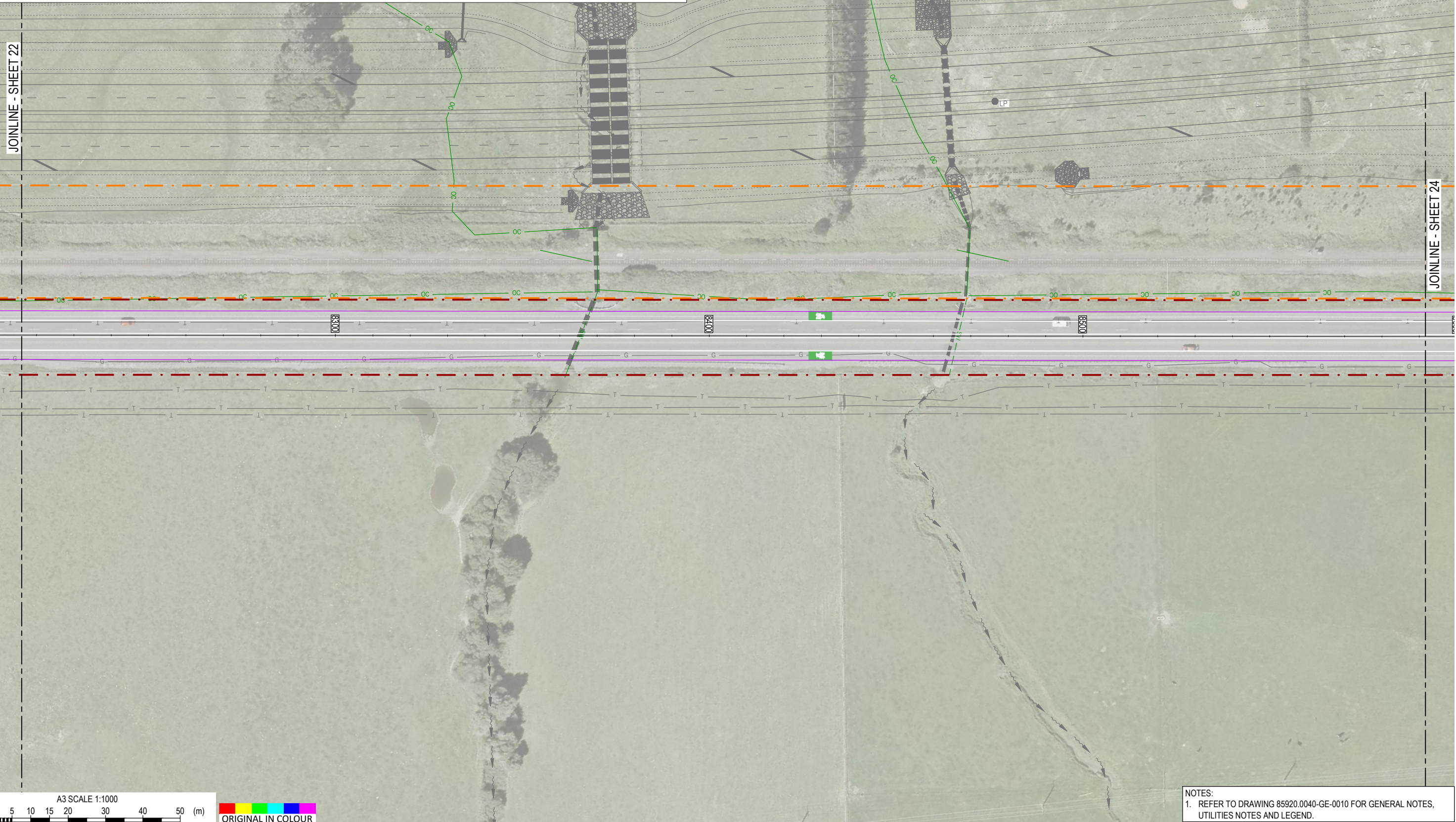


NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	MIME	Oct.21	DRAWING STATUS
					DRAWN	DSW	Oct.21	
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 22 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0422
REV	1



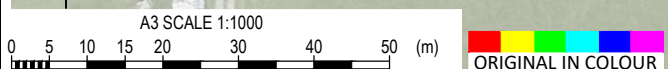
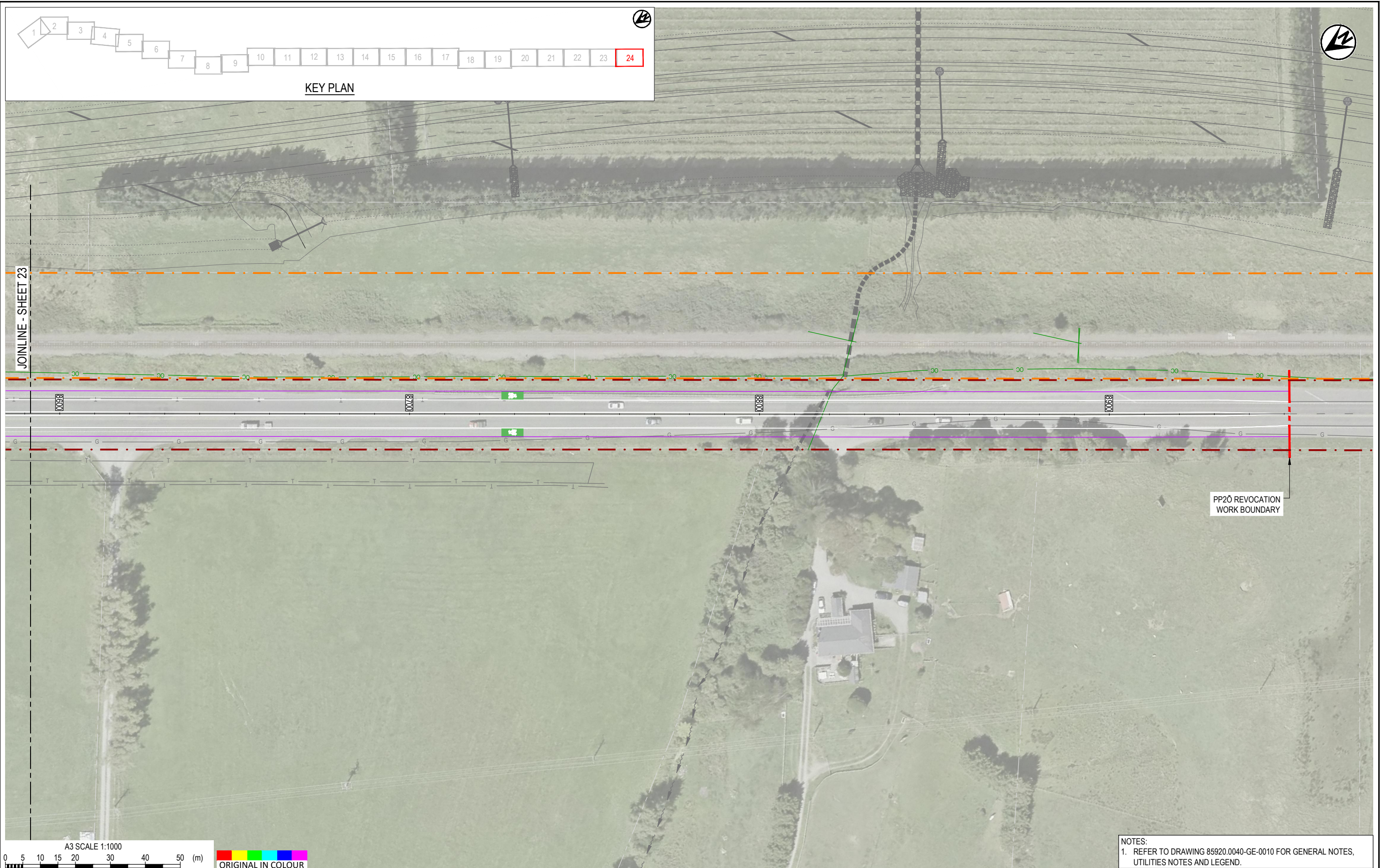
NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.



REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21

DESIGNED	MIME	Oct.21	DRAWING STATUS
DRAWN	DSW	Oct.21	CLIENT REVIEW ISSUE
DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
NOT FOR CONSTRUCTION			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED			

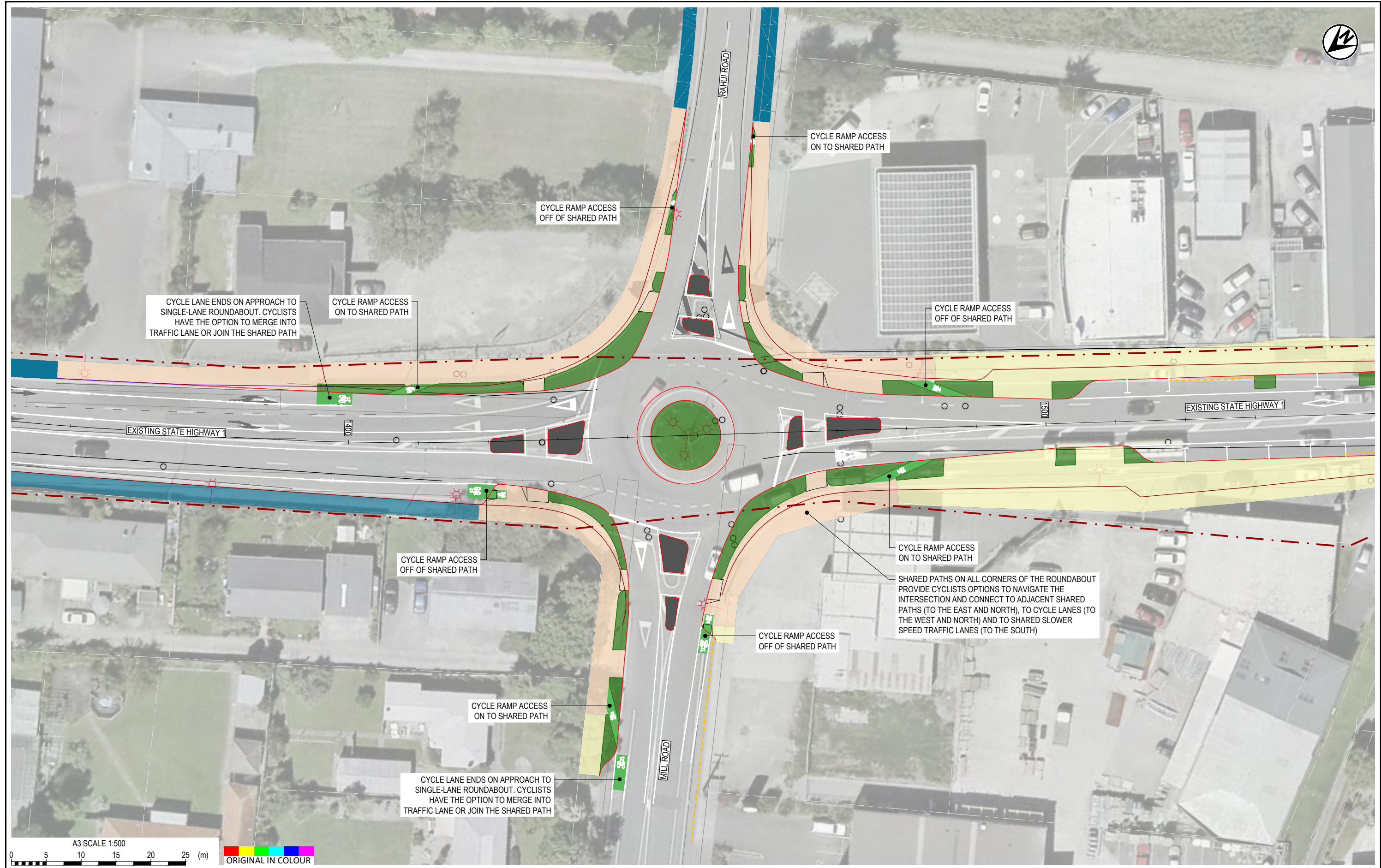
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 23 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0423
REV	1



NOTES:
1. REFER TO DRAWING 85920.0040-GE-0010 FOR GENERAL NOTES, UTILITIES NOTES AND LEGEND.

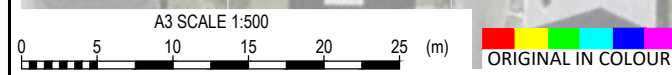
1	FOR CLIENT REVIEW	LWA	RWD	26/11/21	DESIGNED	MIME	Oct.21	DRAWING STATUS
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					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE
					DRAWING CHECKED	MROH	5/10/21	PRELIMINARY DESIGN
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE		

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	DRAINAGE PROPOSED DRAINAGE LAYOUT - SHEET 24 OF 24
SCALE (A3)	1:1000
DWG No.	85920.0040-DR-0424
REV	1



1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	DSW	Oct.21		
					DESIGN CHECKED	RWD	26/11/21	PROJECT PHASE	PRELIMINARY DESIGN
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

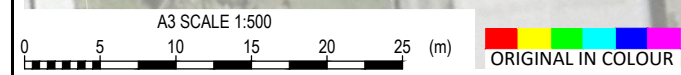
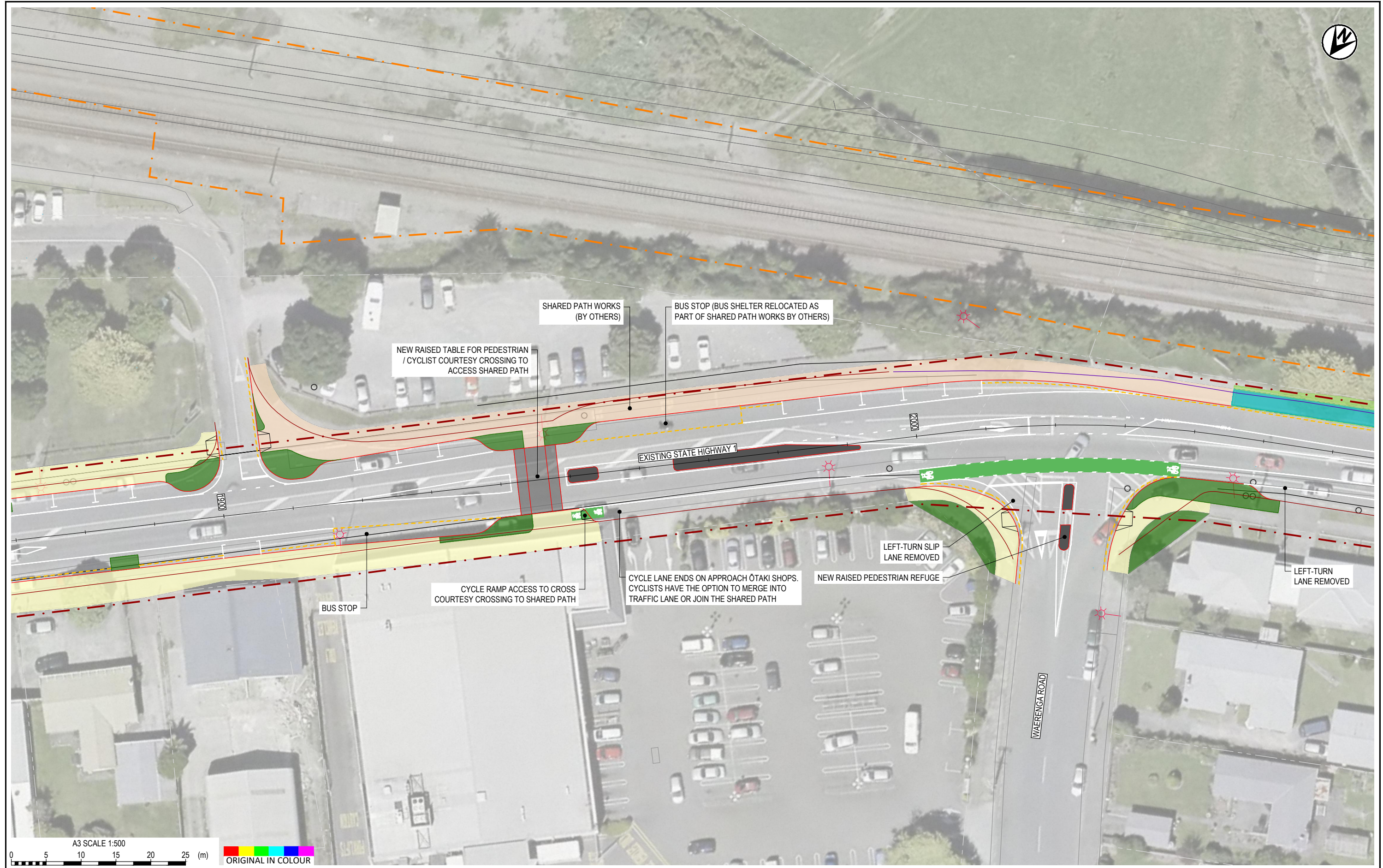
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	TRANSPORT RAHUI RD / MILL RD INTERSECTION PLAN
SCALE (A3)	1:500
DWG No.	85920.0040-TR-0501
REV	1



DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21		
DRAWING CHECKED	MROH	5/10/21		
NOT FOR CONSTRUCTION			THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
APPROVED	DATE			

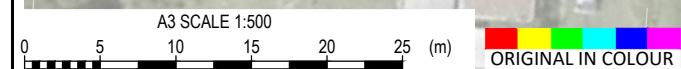
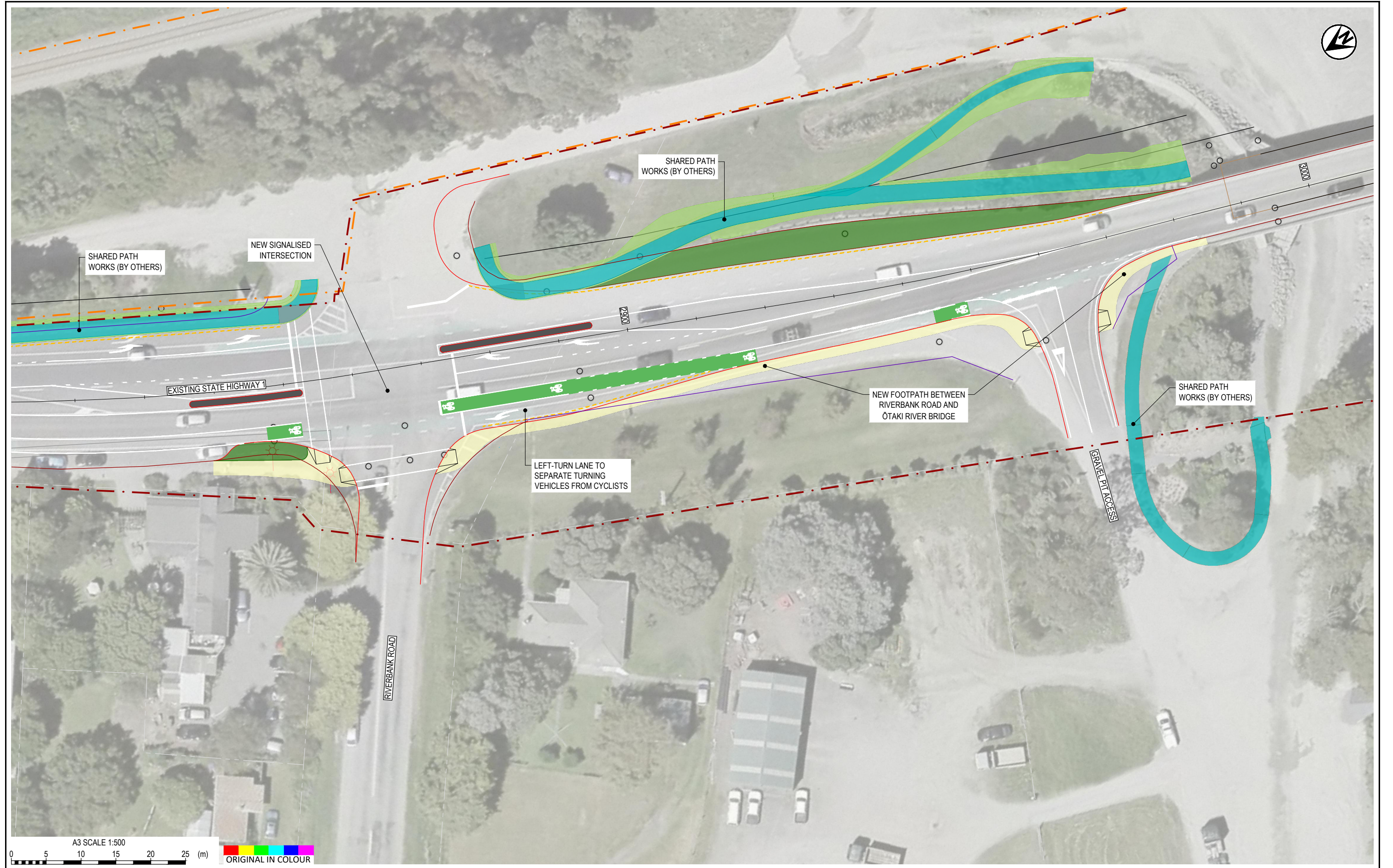
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	TRANSPORT ARTHUR ST INTERSECTION PLAN
SCALE (A3)	1:500
DWG No.	85920.0040-TR-0502
REV	1

1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE



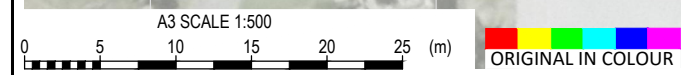
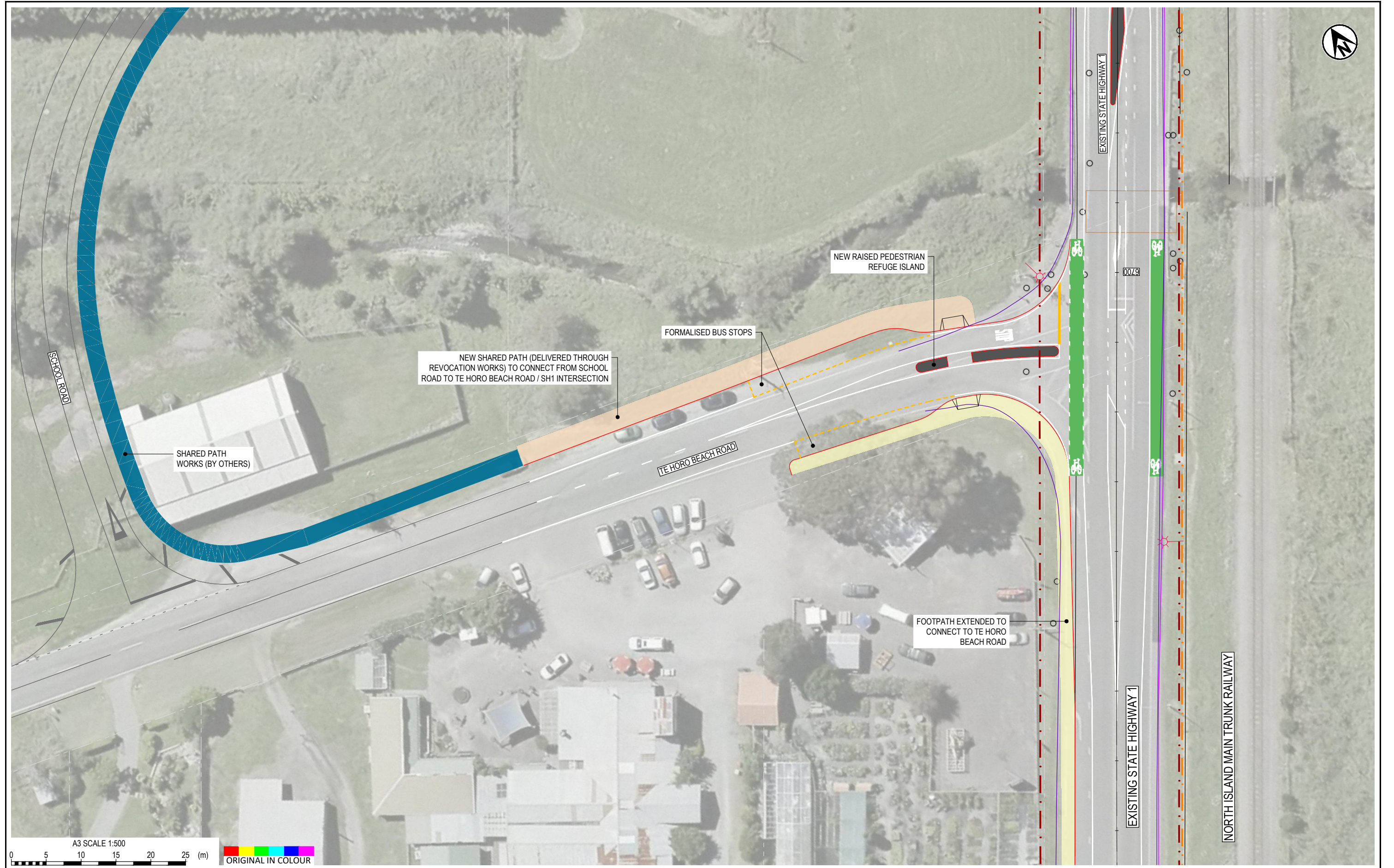
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	TRANSPORT WAERENGA RD INTERSECTION PLAN
SCALE (A3)	1:500
DWG No.	85920.0040-TR-0503
REV	1



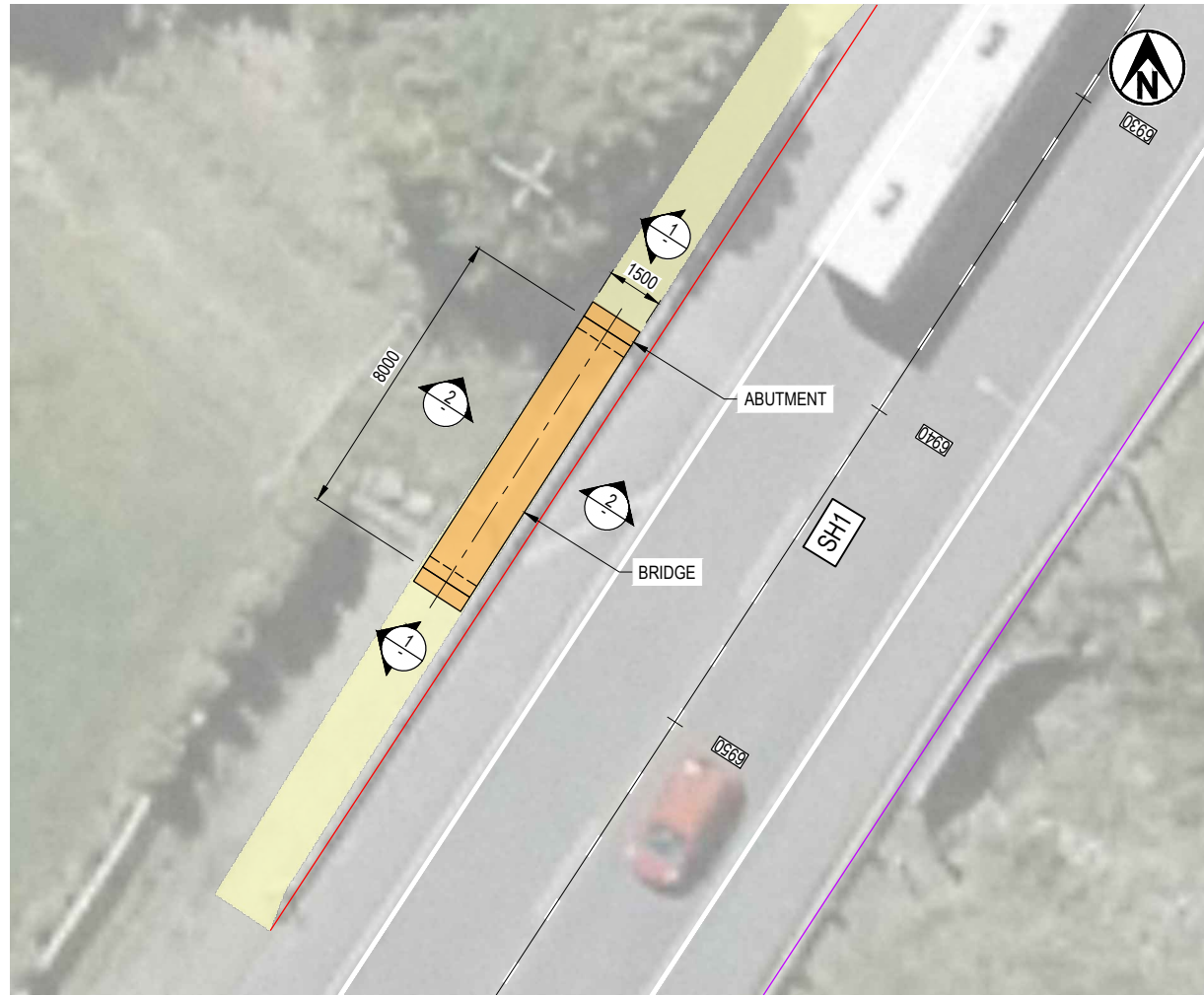
DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	NOT FOR CONSTRUCTION	
DRAWING CHECKED	MROH	5/10/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21
REV	DESCRIPTION	CAD	CHK	DATE

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO OTAKI SH1 REVOCATION
TITLE	TRANSPORT RIVERBANK RD INTERSECTION PLAN
SCALE (A3)	1:500
DWG No.	85920.0040-TR-0504
REV	1

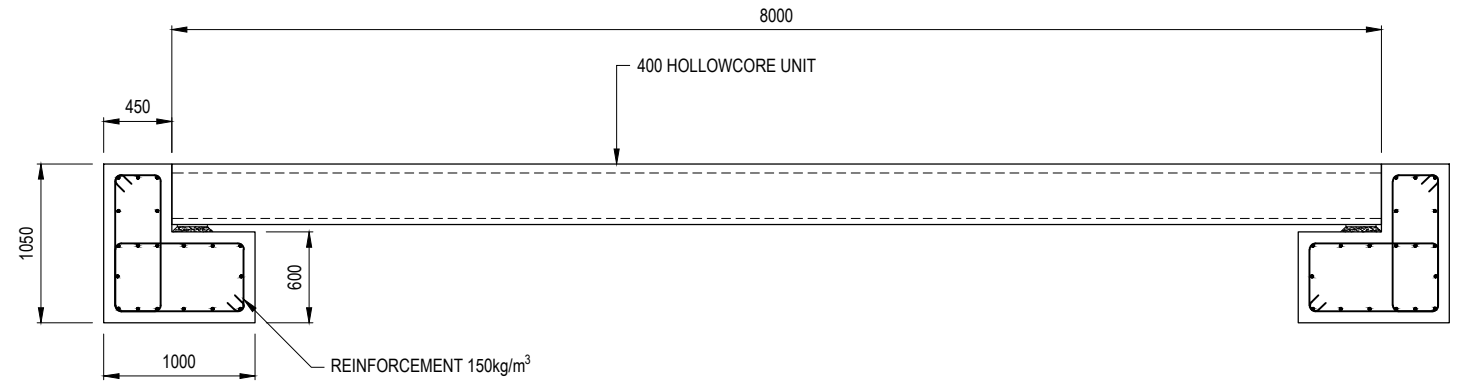


1	FOR CLIENT REVIEW	DSW	RWD	26/11/21	DESIGNED	JASZ	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
					DRAWN	DSW	Oct.21		
					DESIGN CHECKED	RWD	26/11/21		
					DRAWING CHECKED	MROH	5/10/21		
					NOT FOR CONSTRUCTION		THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED		
REV	DESCRIPTION	CAD	CHK	DATE	APPROVED	DATE			

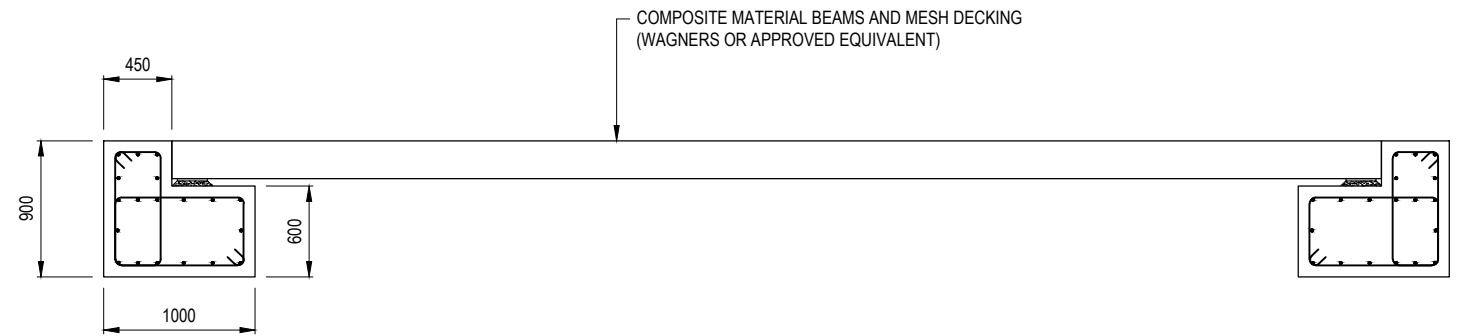
CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	TRANSPORT TE HORO BEACH RD INTERSECTION PLAN
SCALE (A3)	1:500
DWG No.	85920.0040-TR-0505
REV	1



PLAN - SHARED PATH BRIDGE OVER EXISTING CULVERT / STREAM
SCALE 1:200

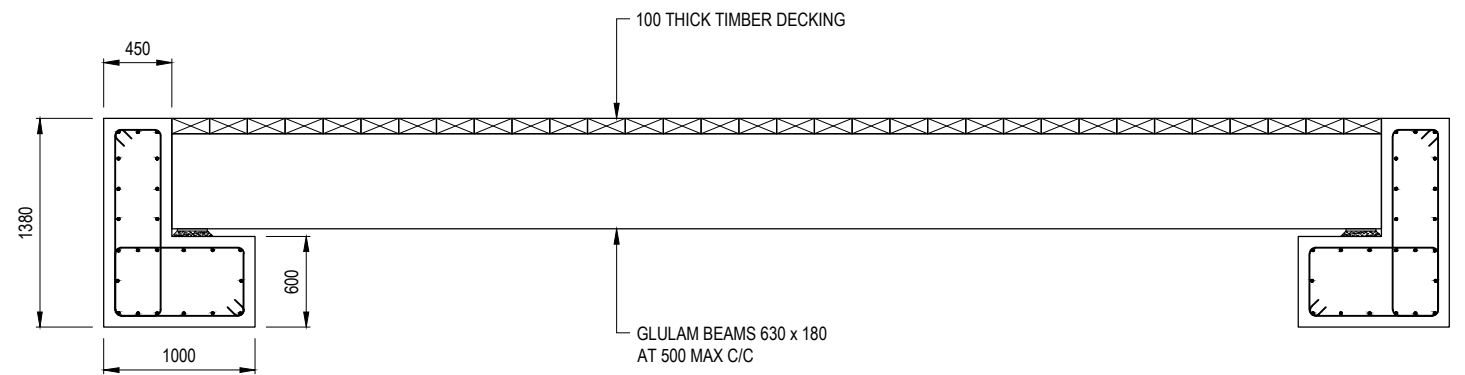


SECTION 1 OPTION 1 - CONCRETE SLAB BRIDGE (DESIGN LIFE 100 YEARS)
SCALE 1:50



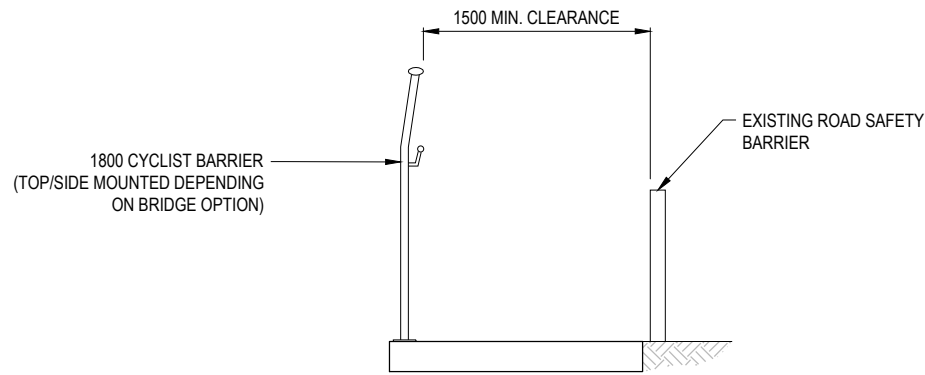
SECTION 1 OPTION 2 - COMPOSITE BRIDGE (DESIGN LIFE 100 YEARS)
SCALE 1:50

ANNOTATIONS ARE SAME AS OPTION 1 U.N.O.

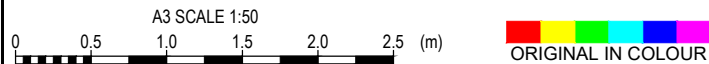


SECTION 1 OPTION 3 - TIMBER BRIDGE (DESIGN LIFE 50 YEARS)
SCALE 1:50

ANNOTATIONS ARE SAME AS OPTION 1 U.N.O.



SECTION 2 TYPICAL CROSS SECTION
SCALE 1:50



DESIGNED	IJPR	Oct.21	DRAWING STATUS	CLIENT REVIEW ISSUE
DRAWN	DSW	Oct.21	PROJECT PHASE	PRELIMINARY DESIGN
DESIGN CHECKED	RWD	26/11/21	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AS APPROVED	
DRAWING CHECKED	MROH	5/10/21	NOT FOR CONSTRUCTION	
REV	DESCRIPTION	CAD	CHK	DATE
1	FOR CLIENT REVIEW	DSW	RWD	26/11/21

CLIENT	WAKA KOTAHI NZ TRANSPORT AGENCY
PROJECT	PEKA PEKA TO ŌTAKI SH1 REVOCATION
TITLE	STRUCTURES STANDARD DETAILS
SCALE (A3)	AS SHOWN
DWG No.	85920.0040-ST-0661
REV	1