

GENERAL NOTES:

1. ALL NOTES HEREIN SHALL FORM PART OF THE CONTRACT.
2. ALL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND ALL DESIGN DRAWINGS APPLICABLE TO THE CONTRACT.
3. ALL WORKS SHALL BE CONSTRUCTED AS DETAILED IN ALL DESIGN DRAWINGS AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS.
4. THE CONTRACTOR MUST CHECK ALL DESIGN DRAWINGS AND IDENTIFY ANY INCONSISTENCIES BETWEEN DESIGN DRAWINGS AND AGAINST THE CONTRACT SPECIFICATIONS, BASIS OF PAYMENT AND SCHEDULE OF PRICES IN ADVANCE AND PRIOR TO ANY CONSTRUCTION WORKS. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF THERE ARE ANY INCONSISTENCIES.
5. THE CONTRACTOR MUST INFORM AUCKLAND COUNCIL'S ARBORIST FOR ANY WORK UNDER THE PROTECTED ROOT ZONE OF THE NOTABLE TREES AT 191 SH16. NOTIFICATION SHALL BE MADE WELL IN ADVANCE OF ANY CONSTRUCTION WORKS.
6. SEE LANDSCAPE PLANS FOR ALL AREAS OF EXISTING GRASS AND/OR PLANTING AFFECTED DURING CONSTRUCTION.
7. SITE CLEARANCE SHALL BE CONDUCTED PRIOR TO COMMENCEMENT OF ALL CONSTRUCTION WORKS. REFER TO SITE CLEARANCE PLANS.

SETTING OUT NOTES:

1. SET-OUT INFORMATION FOR ROAD CENTRELINES, EDGE LINES AND KERB LINES WILL BE SUPPLIED TO THE CONTRACTOR IN 3D ELECTRONIC FORMAT. FOR KERB TYPES AND LOCATIONS, REFERENCE SHOULD BE MADE TO KERB AND BARRIER DRAWINGS.
2. THE CONTRACTOR MUST CHECK AND VERIFY ALL COORDINATES / LEVELS / DIMENSIONS / SETTING-OUT INFORMATION PRIOR TO COMMENCEMENT OF WORK AND REPORT DISCREPANCIES, IF ANY, IMMEDIATELY TO THE ENGINEER.
3. THE CONTRACTOR MUST TAKE ALL STEPS TO MAKE SURE THAT THE ENGINEER VERIFIES ALL LEVELS AND SETTING-OUT ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR MUST UNDERTAKE A SURVEY ON ALL CARRIAGEWAY, FOOTPATH, KERB AND CHANNEL TIE-INS TO PREVENT STORMWATER PONDING. EXTENTS OF WORK MAY EXTEND BEYOND THE LIMITS SHOWN IN THE DESIGN DRAWINGS WITH THE ENGINEER'S APPROVAL.

ROAD KERB AND CHANNEL, FOOTPATH, CENTRAL MEDIAN AND OTHER ROAD ELEMENTS

1. NEW KERB, CHANNEL AND TRAFFIC ISLAND KERBLINES ALONG SH16 SHALL BE SEMI-MOUNTABLE, (SM1 AND SM2 KERB PROFILE). FOR DETAILS AND EXTENTS OF KERB AND CHANNEL REFER TO BARRIER AND KERBING PLANS AND CIVIL WORKS DETAILS DRAWINGS.
2. NEW TRAFFIC ISLAND KERBING TO BE PAINTED REFLECTORISED WHITE IN ACCORDANCE WITH MOTSAM, PART 2 SECTION 2.08.03, RAISED ISLANDS.
3. NEW TRAFFIC ISLANDS INFILL TO BE 20MPa EXPOSED AGGREGATE CONCRETE INFILL WITH 4% BLACK OXIDE. SEE DETAIL 18 ON DRAWING 3235084-CP-3205.
4. NEW FOOTPATHS/SHARED PATHS AND PRAM CROSSINGS TO BE 20MPa CONCRETE 100mm DEEP OVER 100mm DEPTH OF COMPACTED BASECOURSE (AP40).
5. ALL SAWN CONCRETE JOINTS MUST BE SAWCUT NEATLY. SAWCUTTING SHALL GENERALLY BE SQUARE TO THE KERB AND CARRIAGEWAY ALIGNMENT. DRY CUTTING IS NOT PERMITTED.
6. BASECOURSE SHALL BE PLACED AND COMPACTED TO ACHIEVE A MINIMUM CLEGG IMPACT VALUE OF 12 FOR CONCRETE FOOTPATHS.
7. ALL PATH EDGES SHALL BE CONSTRUCTED FLUSH WITH THE ADJACENT GROUND TO AVOID CREATING PEDESTRIAN TRIP HAZARDS.
8. NEW PRECAST KERBS ADJACENT TO GRASS BERM OR PLANTING BEDS TO BE MORTAR POINTED BEFORE REINSTATEMENT WITH TOPSOIL, MULCH ETC.
9. BATTER SLOPES ARE EITHER 4H:1V, 3H:1V OR SLIGHTLY STEEPER DEPENDING ON THE ROADSIDE CONDITION AT THE LOCATION. FOR STEEPENED SLOPES, CONTRACTOR TO UNDERTAKE GROUND TESTING, HAND AUGERS AND / OR SHEAR VANES AT THE DIRECTION OF THE ENGINEER. ENGINEER THEN SHALL ASSESS THE FINDINGS AND INSTRUCT IF FURTHER SLOPE STABILISATION WILL BE REQUIRED.
10. FOR NEW WIRE ROPE MEDIAN BARRIER AND W-SECTION EDGE BARRIER LOCATIONS AND DETAILS, REFER TO BARRIER AND KERBING PLANS .

PROPERTY ACCESS:

1. ALL PROPERTY ACCESS ALONG THE CORRIDOR SHALL BE MAINTAINED AS EXISTING UNLESS NOTED OTHERWISE ON THE GENERAL ARRANGEMENT PLANS. TYPICALLY, DETAILED LAYOUTS SHALL FOLLOW EITHER DIAGRAM D OR AUCKLAND TRANSPORT TDM VEHICLE CROSSING DETAIL VX0103B FOR ALL RESIDENTIAL AND LIGHT COMMERCIAL PROPERTIES OR DIAGRAM E FOR HEAVY COMMERCIAL PROPERTIES ACCORDING TO WAKA KOTAHİ PLANNING POLICY MANUAL, APPENDIX 5B ACCESSWAY STANDARDS AND GUIDELINES.
2. REFER TO PAVEMENT AND SURFACING DRAWINGS FOR PROPERTY ACCESS CONSTRUCTION MATERIALS AND DETAILS.

SURVEY:

1. THE SURVEY AND DESIGN IS IN TERMS OF NZTM COORDINATES AND NZVD 2016 VERTICAL DATUM.

SERVICES:

1. REFER TO UTILITY PLANS FOR LOCATION OF EXISTING AND NEW SERVICES .
2. CONTRACTOR MUST LIAISE WITH ALL SERVICE AUTHORITIES FOR LOCATION OF SERVICES AND OBTAIN ANY NECESSARY CONSENTS IN ADVANCE AND PRIOR TO ANY CONSTRUCTION WORKS.
3. CONTRACTOR TO CARRY OUT DETAILED DESIGN SERVICES LOCATION PRIOR TO ANY EXCAVATION WORKS.
4. ANY SERVICES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED, TO THE SATISFACTION OF THE SERVICE PROVIDER, AT THE CONTRACTORS EXPENSE.

LEGEND

	EXISTING ROAD DESIGNATION BOUNDARY
	EXISTING PROPERTY BOUNDARY
	EXISTING CELL PHONE TOWER ON BORIC LAND TO REMAIN
	EXISTING SPARK INTERNATIONAL CABLE
	NEW MASH TL-3 WIRE ROPE BARRIER
	NEW MASH TL-3 WIRE ROPE BARRIER END TERMINAL
	NEW MASH TL-3 W-BEAM BARRIER
	NEW MASH TL-3 W-BEAM BARRIER LEADING TERMINAL
	NEW MASH TL-3 W-BEAM BARRIER TRAILING TERMINAL
	NEW THRIE BEAM BARRIER
	NEW RETAINING WALL
	NEW 2.0m HIGH NOISE BARRIER (IN ACCORDANCE WITH WAKA KOTAHİ STATE HIGHWAY NOISE BARRIER DESIGN GUIDE)
	NEW 1.4m HIGH PEDESTRIAN FENCE (GALVANISED WIRE FENCE)
	NEW TRAFFIC SIGN
	NEW LIGHTING COLUMN / BRIDGE LIGHTING
	NEW EARTHWORKS IN CUT
	NEW EARTHWORKS IN FILL
	NEW CONCRETE FOOTPATH/SHARED PATH OR MEDIAN ISLAND (REFER TO DETAIL 18 ON PAVEMENT DRAWING 3235084-CP-3205 FOR ISLAND AND PAVEMENT TYPE H ON DRAWING 3235084-CP-3201 FOR FOOTPATH/SHARED PATH)
	NEW TACTILE GROUND SURFACE INDICATORS
	RECONSTRUCTED VEHICLE CROSSING (REFER TO PAVEMENT TYPE F ON DRAWING 3235084-CP-3201) EXTENT OF VEHICLE CROSSING RECONSTRUCTION SUBJECT TO CONFIRMATION WITH LANDOWNERS
	NEW PEDESTRIAN AND CYCLISTS CROSSING (REFER TO PAVEMENT DRAWING 3235084-CP-3207)
	PROPOSED DESIGNATION BOUNDARY

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22



Original Scale (A1)	Design	A. HOLT	26.03.21	Approved For Construction*
Drawn		A. HOLT	26.03.21	Date
Reduced Scale (A3)	Design Checker			
NTS	Drawn			

* Refer to Revision 1 for Original Signature



Client:	SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU
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Title:	CIVIL WORKS GENERAL NOTES AND LEGEND
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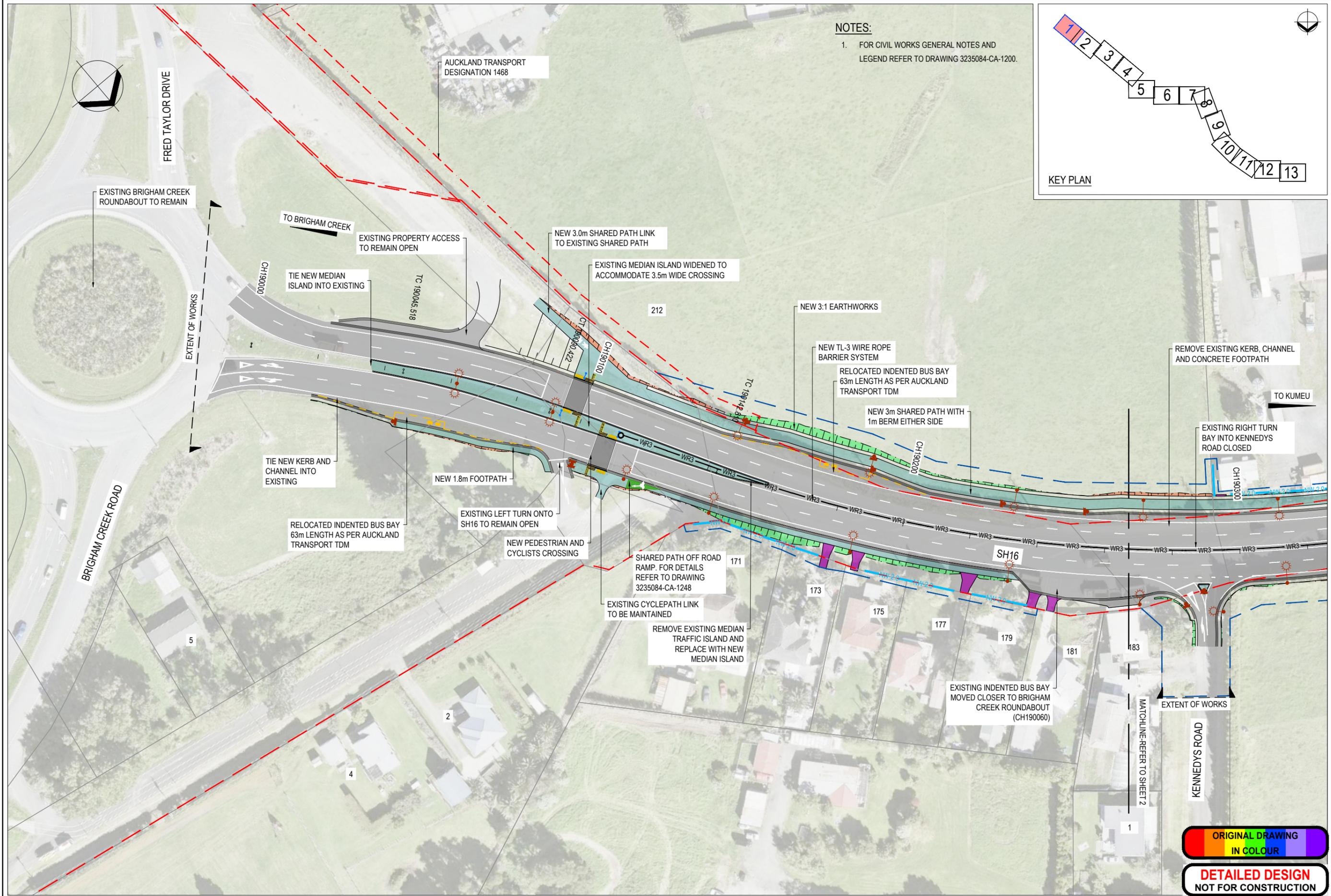
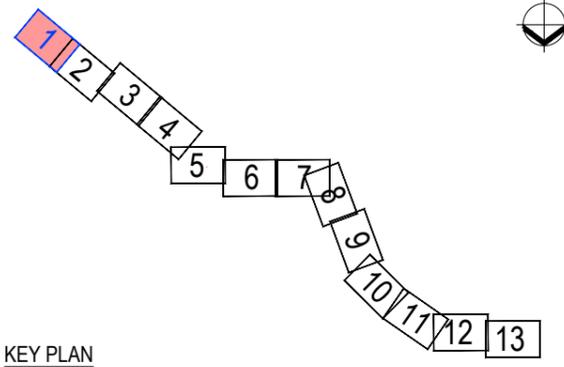
Discipline:	CIVIL ENGINEERING
Drawing No.:	3235084-CA-1200
Rev.:	G





NOTES:

- FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



**ORIGINAL DRAWING
IN COLOUR**

**DETAILED DESIGN
NOT FOR CONSTRUCTION**

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

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Reduced Scale (A3)	Design Verifier		
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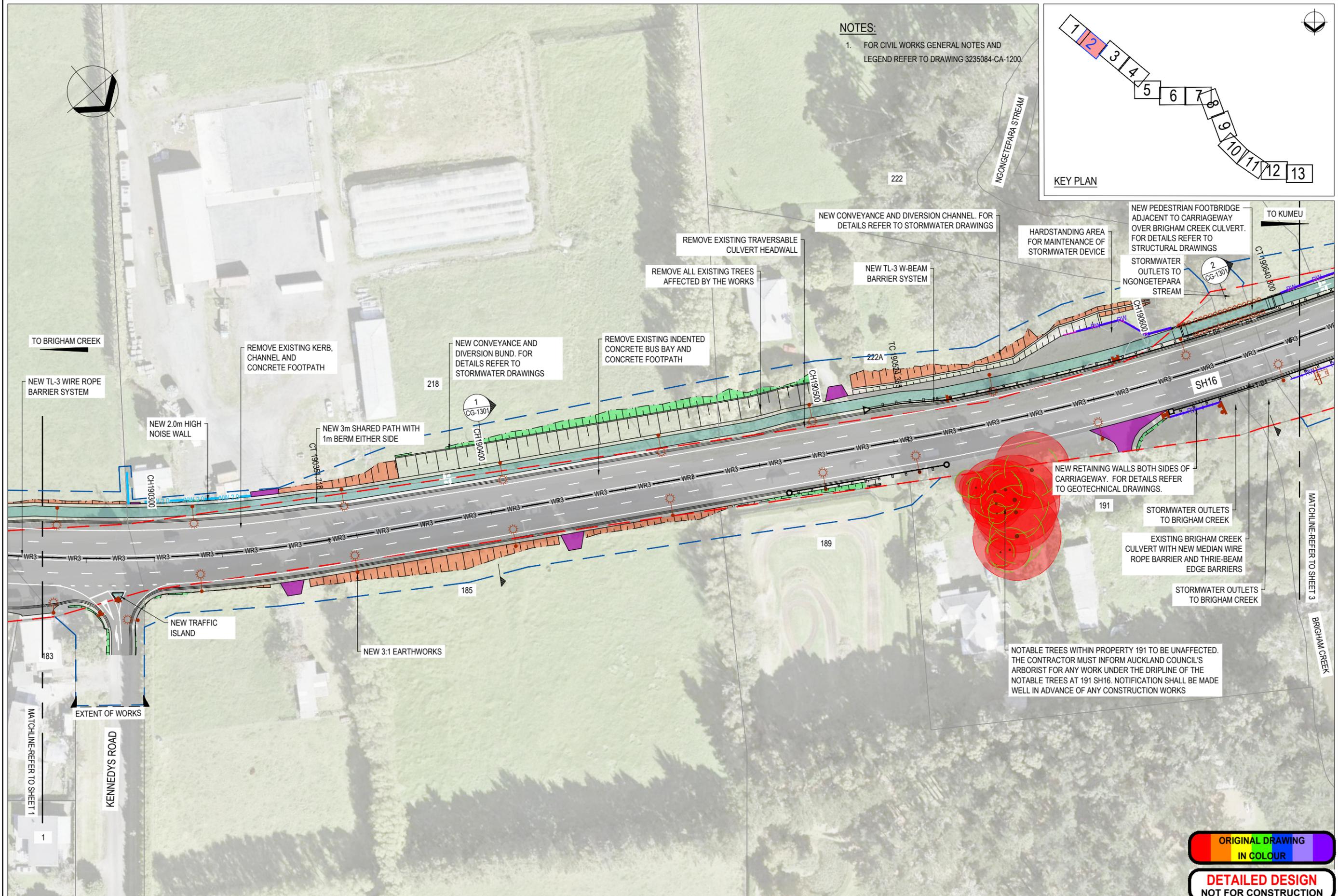
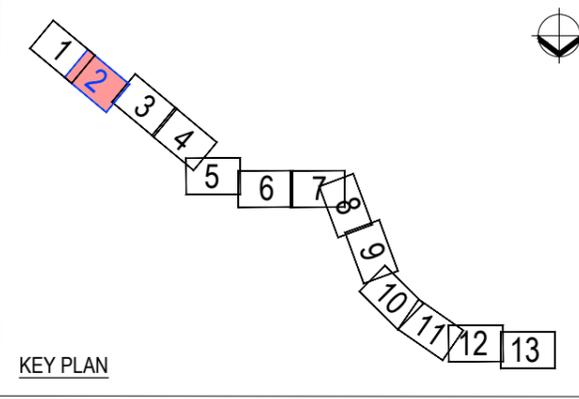
Client:

Project: SH16 - SAFETY IMPROVEMENTS
STAGE 2
BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
PLAN
SHEET 1

Discipline	Rev.
CIVIL ENGINEERING	G
Drawing No.	3235084-CA-1201

NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



NOTABLE TREES WITHIN PROPERTY 191 TO BE UNAFFECTED. THE CONTRACTOR MUST INFORM AUCKLAND COUNCIL'S ARBORIST FOR ANY WORK UNDER THE DRIFLINE OF THE NOTABLE TREES AT 191 SH16. NOTIFICATION SHALL BE MADE WELL IN ADVANCE OF ANY CONSTRUCTION WORKS

ORIGINAL DRAWING IN COLOUR

DETAILED DESIGN NOT FOR CONSTRUCTION

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator: **Beca**

Original Scale (A1)	Design	A. HOLT	26.03.21	Approved For Construction*
1:500	Drawn	A. HOLT	26.03.21	Date
Reduced Scale (A3)	Design Checker			
1:1000	Design Checker			

* Refer to Revision 1 for Original Signature

Client: **WAKA KOTAHU NZ TRANSPORT AGENCY**

Project: **SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU**

Title: **GENERAL ARRANGEMENT PLAN SHEET 2**

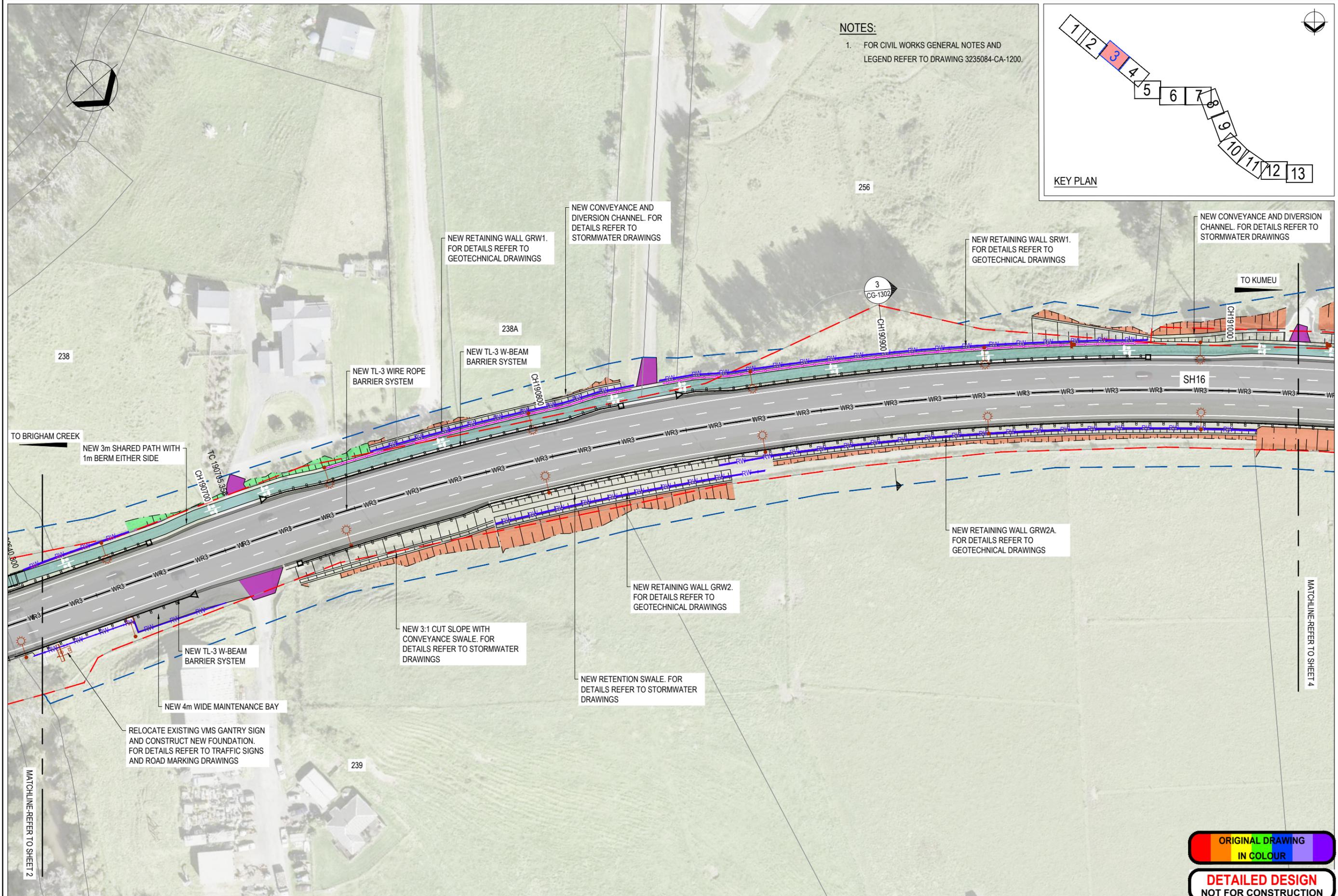
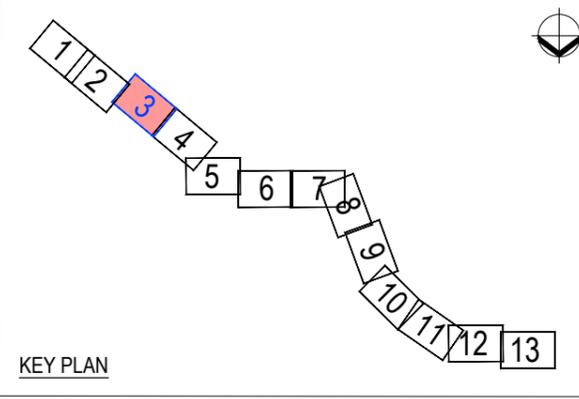
Discipline: **CIVIL ENGINEERING**

Drawing No: **3235084-CA-1202**

Rev: **G**

NOTES:

1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



TO BRIGHAM CREEK

TO KUMEU

SH16

MATCHLINE-REFER TO SHEET 2

MATCHLINE-REFER TO SHEET 4

**ORIGINAL DRAWING
IN COLOUR**

**DETAILED DESIGN
NOT FOR CONSTRUCTION**

No.	Revision	By	CHK	Appd	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

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Reduced Scale (A3)	Design Checker			
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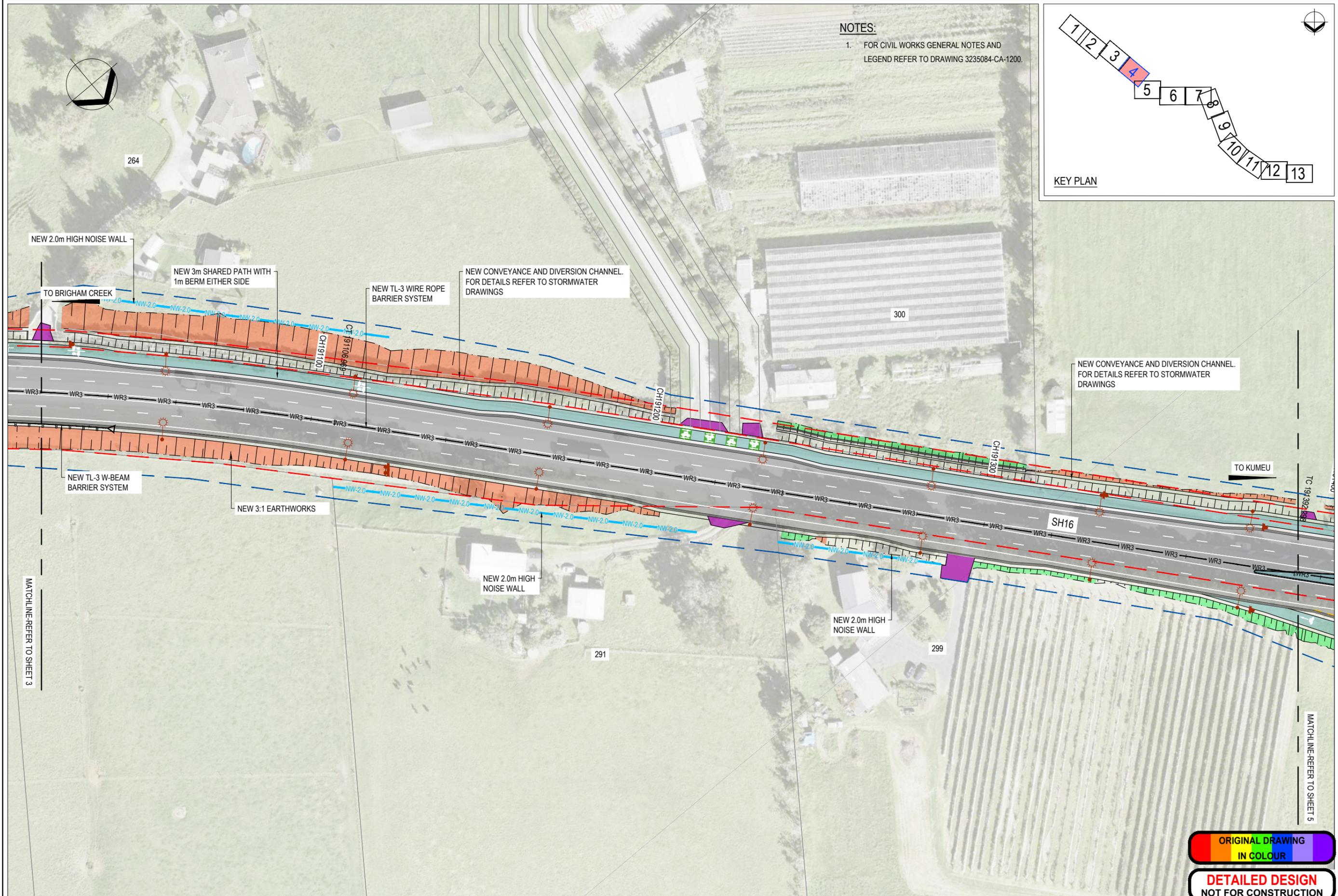
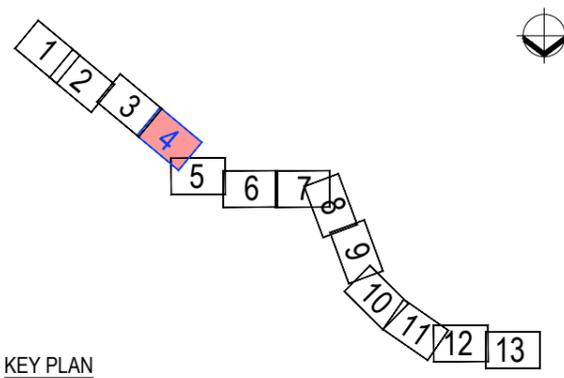
Client:

Project: SH16 - SAFETY IMPROVEMENTS
STAGE 2
BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
PLAN
SHEET 3

Discipline	Rev.
CIVIL ENGINEERING	G
Drawing No.	3235084-CA-1203

NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



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E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22
No.	Revision	By	CHK	Appd	Date

Drawing Originator:

Original Scale (A1) 1:500
 Reduced Scale (A3) 1:1000

Design	A. HOLT	26.03.21	Approved For Construction*
Drawn	A. HOLT	26.03.21	Date
Design Verifier			
Design Check			

* Refer to Revision 1 for Original Signature

Client:

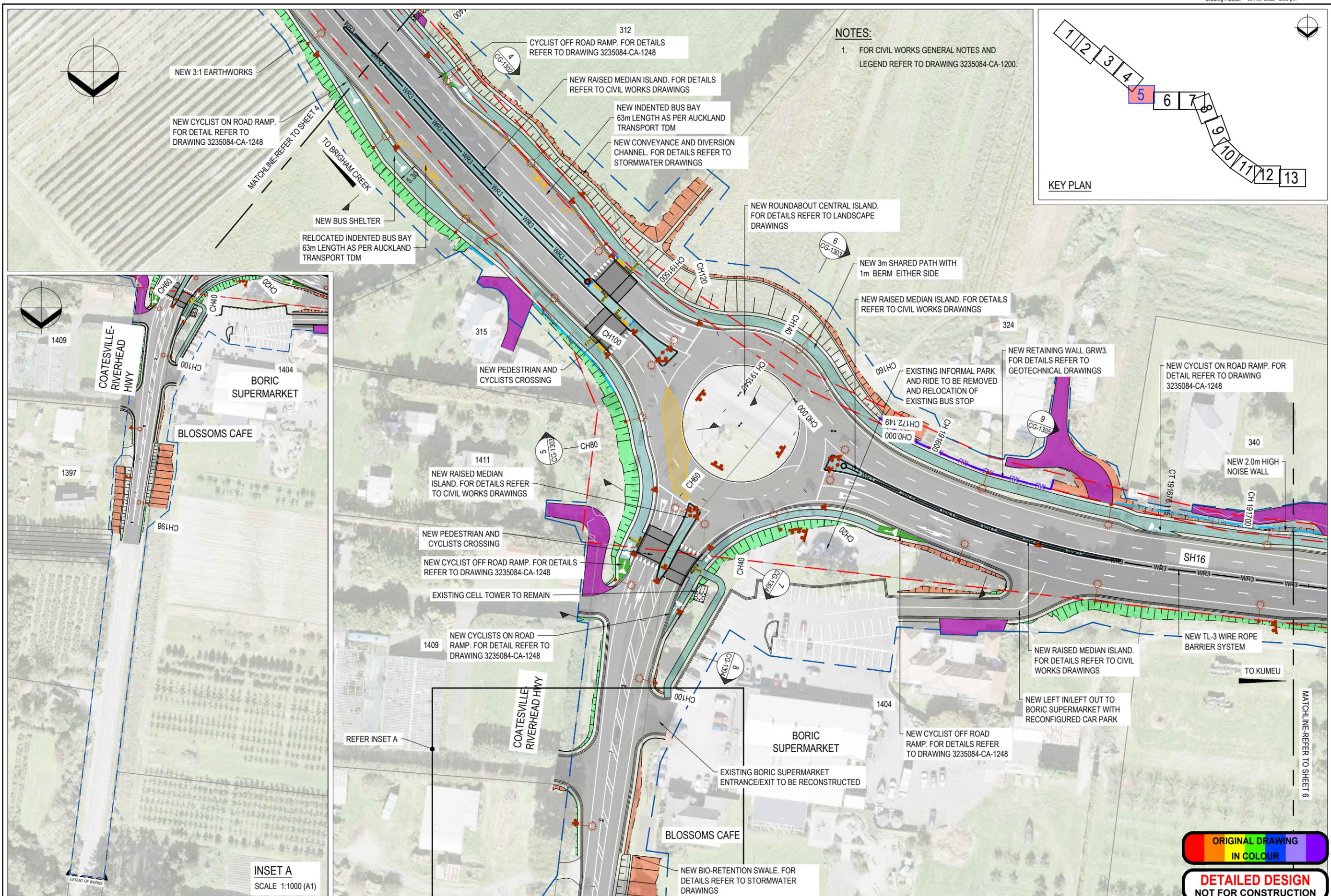
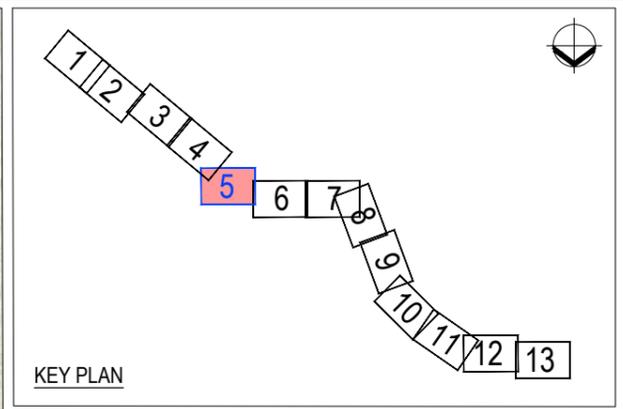
Project: SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT PLAN SHEET 4

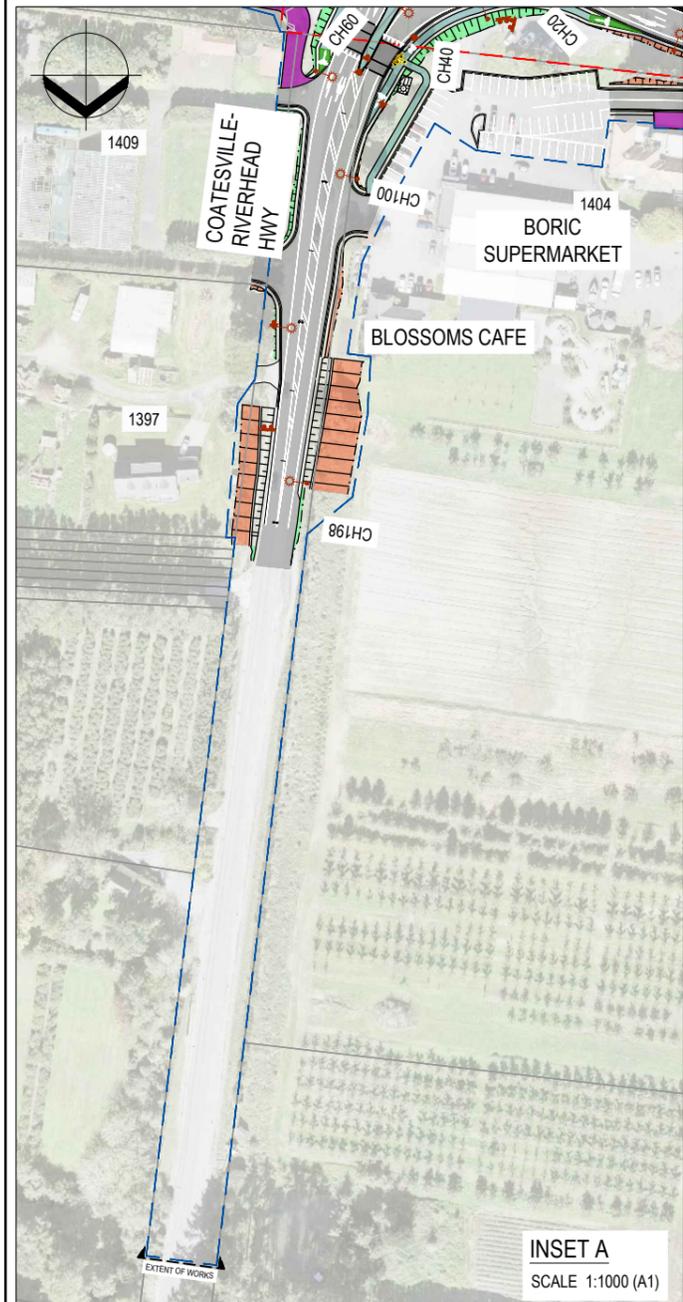
Discipline	CIVIL ENGINEERING
Drawing No.	3235084-CA-1204
Rev.	G

ORIGINAL DRAWING IN COLOUR

DETAILED DESIGN NOT FOR CONSTRUCTION



NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22
No.	Revision	By	Chk.	Appd.	Date

Original Scale (A1) 1:500
 Reduced Scale (A3) 1:1000

Beca

Design: A. HOLT 26.03.21
 Drawn: A. HOLT 26.03.21
 Design Check: []
 Date: []

Approved for Construction: []
 Date: []

Client: **WAKA KOTAHU**
 NZ TRANSPORT AGENCY

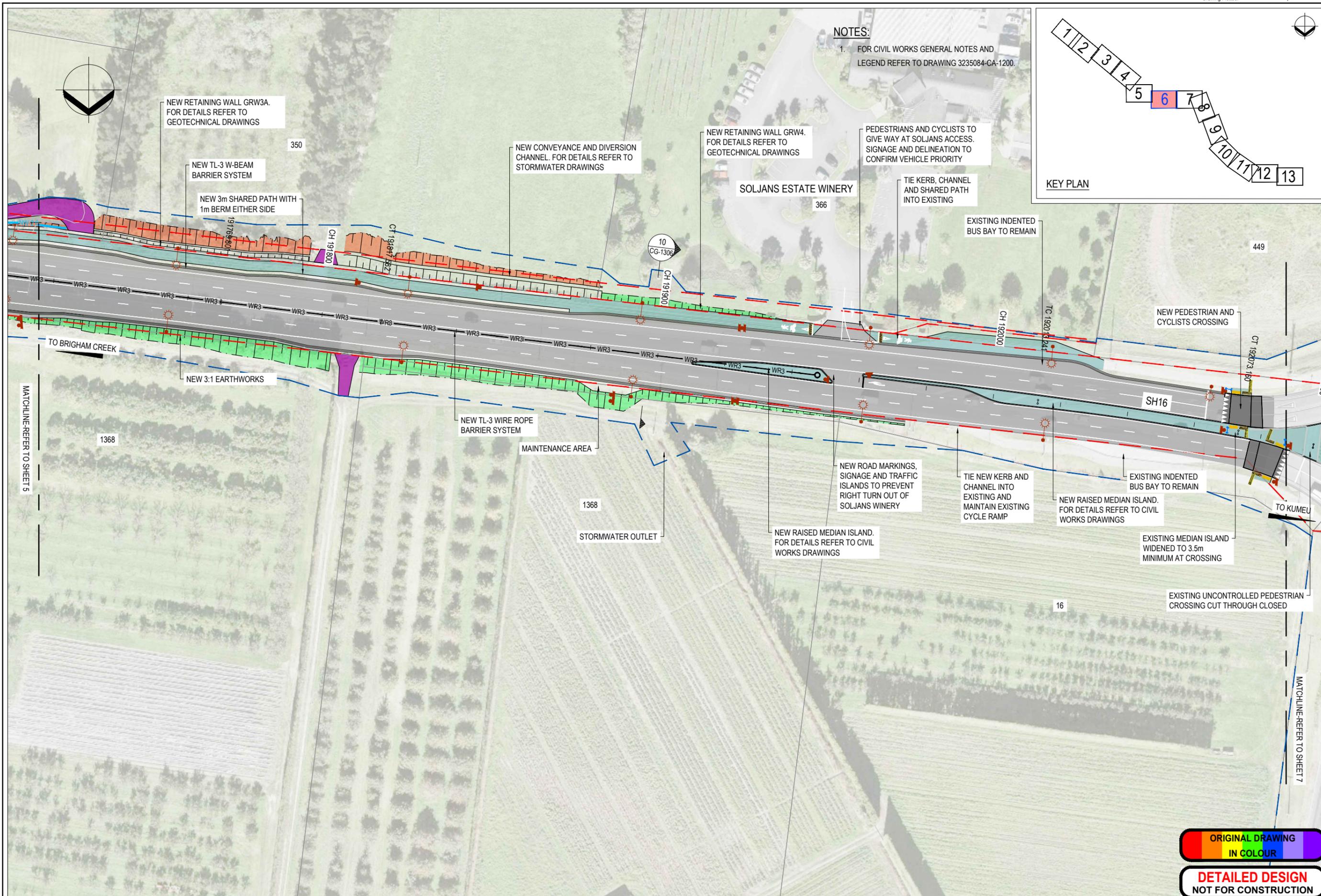
Project: SH16 - SAFETY IMPROVEMENTS
 STAGE 2
 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
 PLAN
 SHEET 5

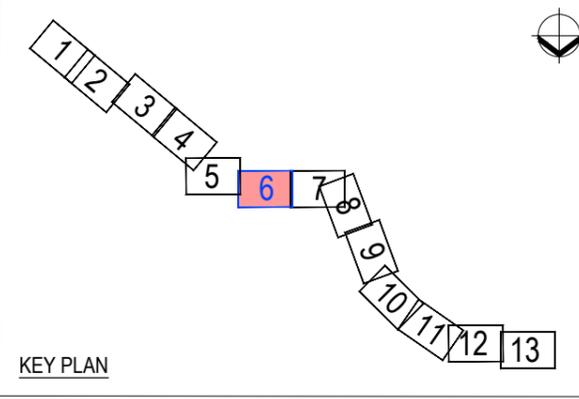
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Drawing No.:	3235084-CA-1205
Rev.:	G

ORIGINAL DRAWING
IN COLOUR

DETAILED DESIGN
NOT FOR CONSTRUCTION



NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



NEW RETAINING WALL GRW3A. FOR DETAILS REFER TO GEOTECHNICAL DRAWINGS

NEW TL-3 W-BEAM BARRIER SYSTEM

NEW 3m SHARED PATH WITH 1m BERM EITHER SIDE

NEW CONVEYANCE AND DIVERSION CHANNEL. FOR DETAILS REFER TO STORMWATER DRAWINGS

NEW RETAINING WALL GRW4. FOR DETAILS REFER TO GEOTECHNICAL DRAWINGS

PEDESTRIANS AND CYCLISTS TO GIVE WAY AT SOLJANS ACCESS. SIGNAGE AND DELINEATION TO CONFIRM VEHICLE PRIORITY

TIE KERB, CHANNEL AND SHARED PATH INTO EXISTING

EXISTING INDENTED BUS BAY TO REMAIN

NEW PEDESTRIAN AND CYCLISTS CROSSING

NEW 3:1 EARTHWORKS

NEW TL-3 WIRE ROPE BARRIER SYSTEM

MAINTENANCE AREA

NEW ROAD MARKINGS, SIGNAGE AND TRAFFIC ISLANDS TO PREVENT RIGHT TURN OUT OF SOLJANS WINERY

TIE NEW KERB AND CHANNEL INTO EXISTING AND MAINTAIN EXISTING CYCLE RAMP

EXISTING INDENTED BUS BAY TO REMAIN

NEW RAISED MEDIAN ISLAND. FOR DETAILS REFER TO CIVIL WORKS DRAWINGS

EXISTING MEDIAN ISLAND WIDENED TO 3.5m MINIMUM AT CROSSING

NEW RAISED MEDIAN ISLAND. FOR DETAILS REFER TO CIVIL WORKS DRAWINGS

EXISTING UNCONTROLLED PEDESTRIAN CROSSING CUT THROUGH CLOSED

MATCHLINE-REFER TO SHEET 5

MATCHLINE-REFER TO SHEET 7

ORIGINAL DRAWING
IN COLOUR

DETAILED DESIGN
NOT FOR CONSTRUCTION

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

Original Scale (A1) 1:500
 Reduced Scale (A3) 1:1000

Design	A. HOLT	26.03.21	Approved For Construction*
Drawn	A. HOLT	26.03.21	Date
Desg Verifier			
Desg Check			

* Refer to Revision 1 for Original Signature

Client:

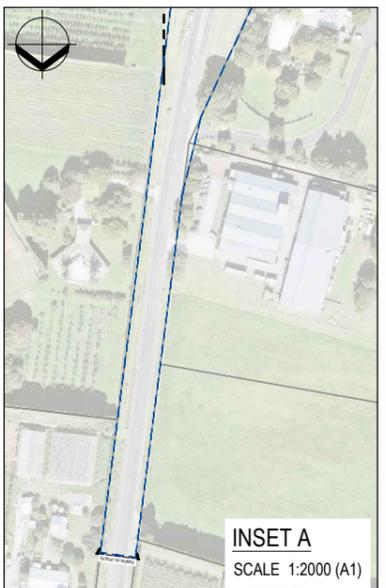
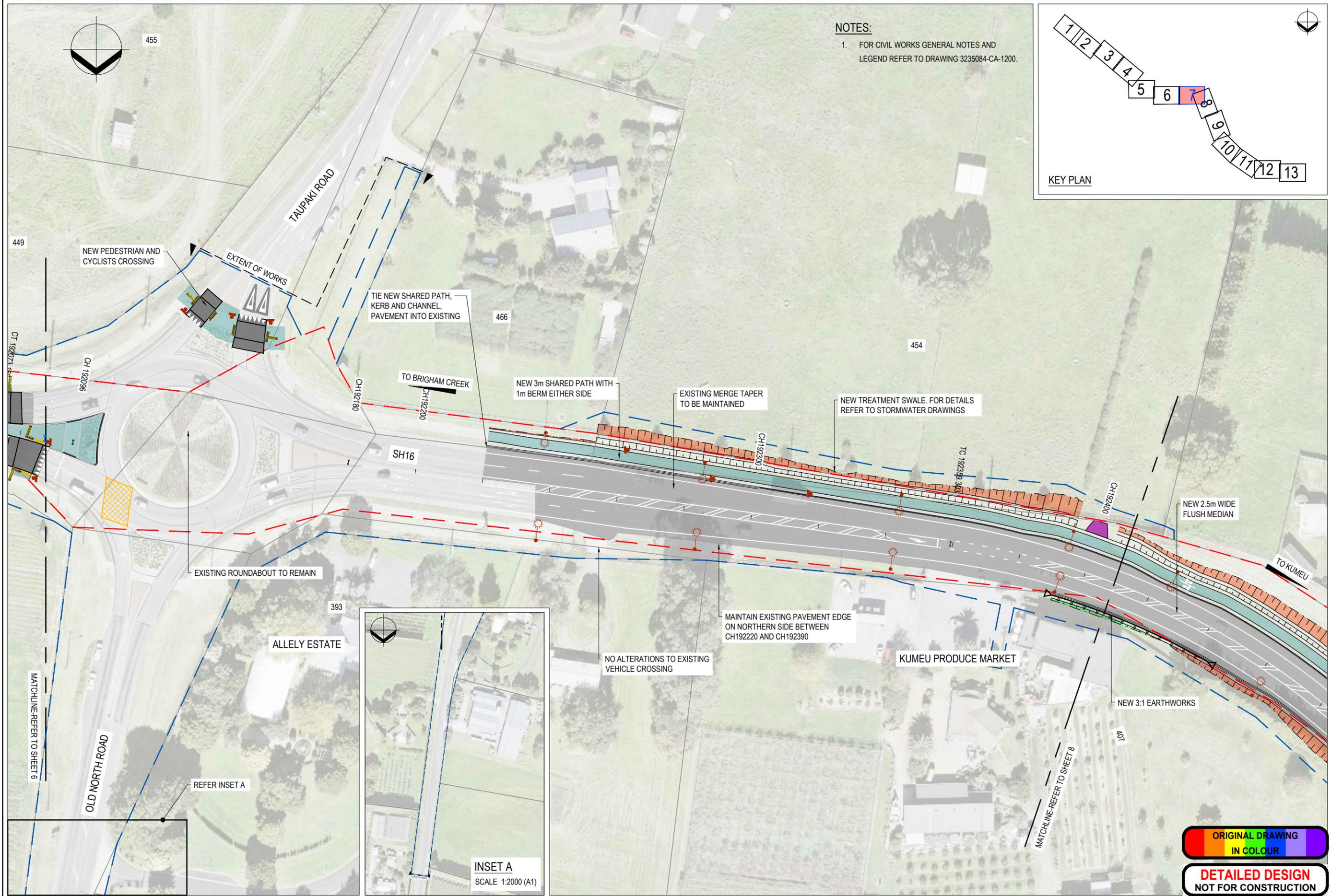
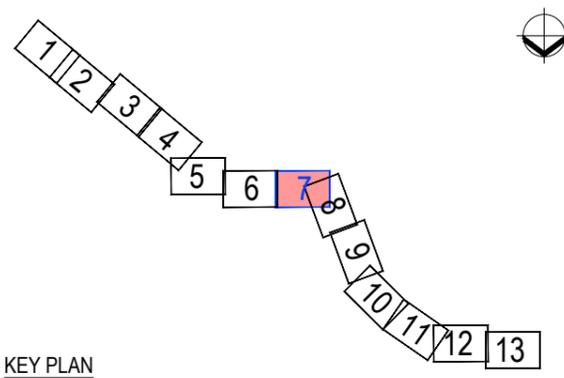
Project: SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT PLAN SHEET 6

Discipline: CIVIL ENGINEERING
 Drawing No: 3235084-CA-1206
 Rev: G



NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



ORIGINAL DRAWING
 IN COLOUR

DETAILED DESIGN
 NOT FOR CONSTRUCTION

G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22
No.	Revision	By	CHK	Appd	Date

Design Originator: **Beca**

Original Scale (A1)	1:500	Design	A. HOLT	26.03.21	Approved For Construction*
Reduced Scale (A3)	1:1000	Drawn	A. HOLT	26.03.21	Date
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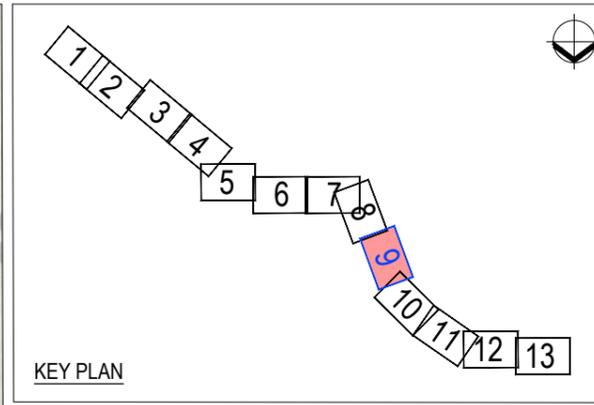
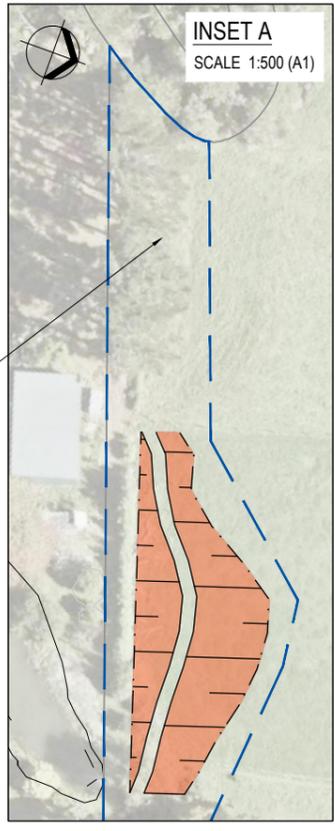
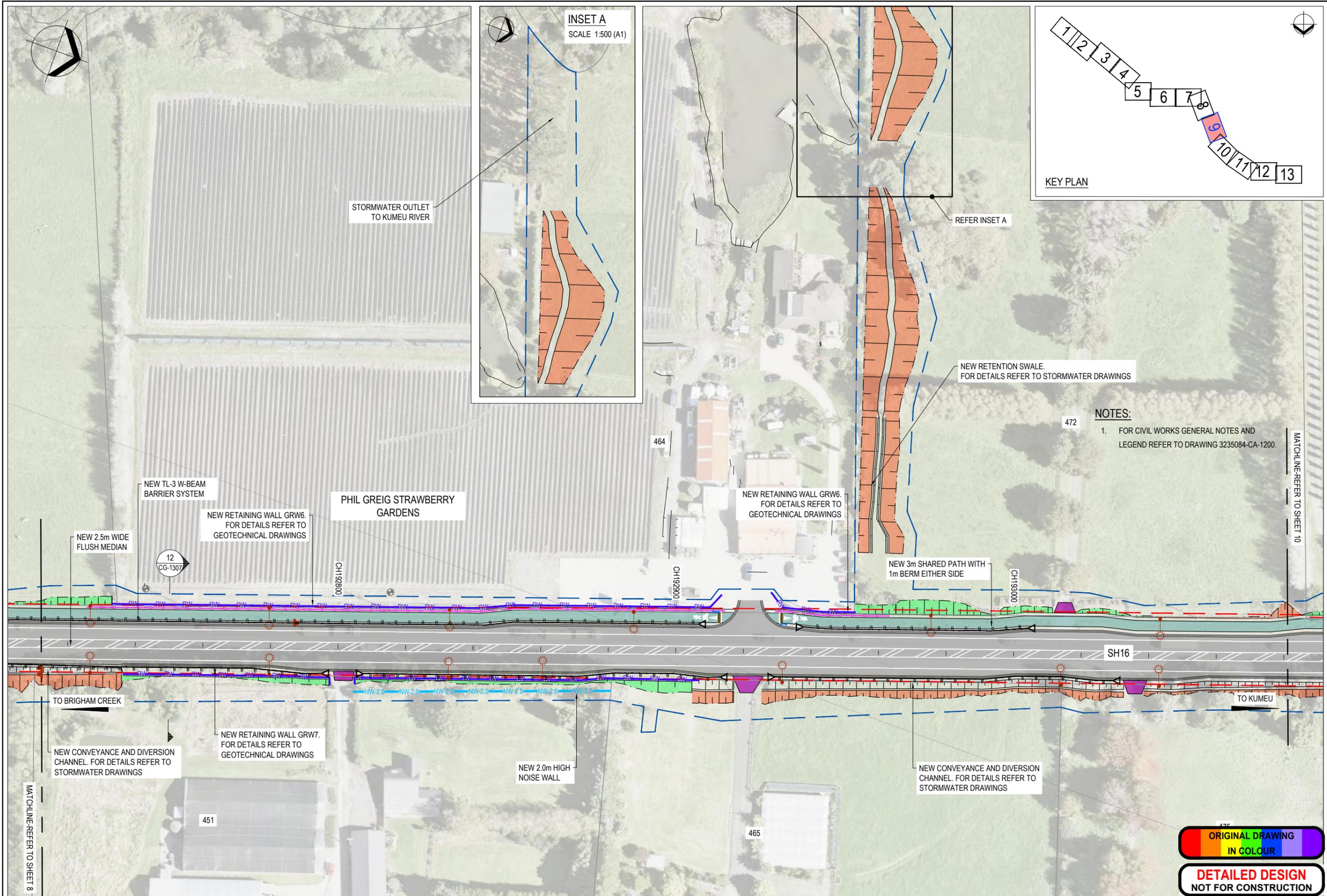
* Refer to Revision 1 for Original Signature

Client: **WAKA KOTAHU**
 NZ TRANSPORT AGENCY

Project: SH16 - SAFETY IMPROVEMENTS
 STAGE 2
 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
 PLAN
 SHEET 7

Discipline	CIVIL ENGINEERING
Drawing No.	3235084-CA-1207
Rev.	G



NEW RETENTION SWALE.
FOR DETAILS REFER TO STORMWATER DRAWINGS

- NOTES:**
- FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.

MATCHLINE-REFER TO SHEET 10

MATCHLINE-REFER TO SHEET 8

**ORIGINAL DRAWING
IN COLOUR**

**DETAILED DESIGN
NOT FOR CONSTRUCTION**

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

Original Scale (A1)	Design	A. HOLT	26.03.21	Approved For Construction*
1:500	Drawn	A. HOLT	26.03.21	Date
Reduced Scale (A3)	Desg Verifier			
1:1000	Desg Check			

* Refer to Revision 1 for Original Signature

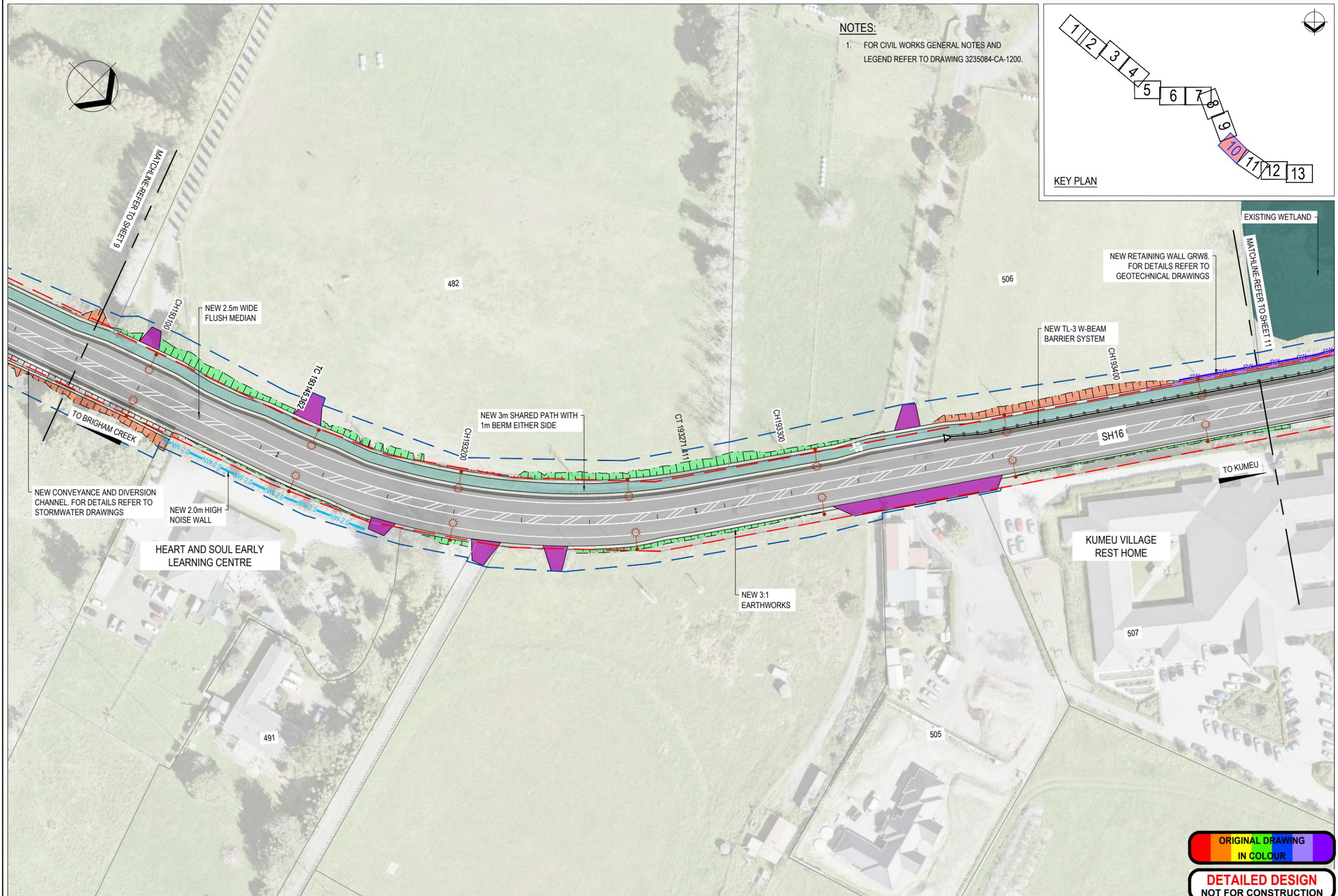
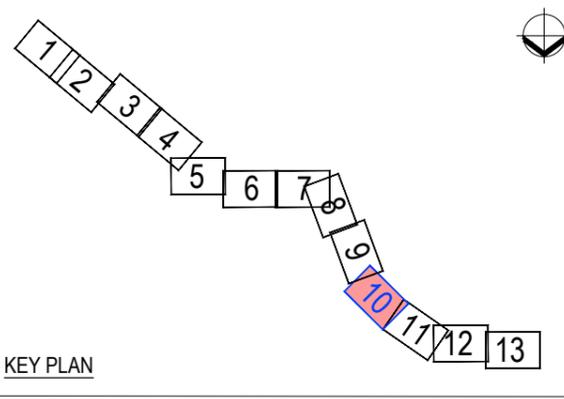
Client:

Project: SH16 - SAFETY IMPROVEMENTS
STAGE 2
BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
PLAN
SHEET 9

Discipline	CIVIL ENGINEERING
Drawing No.	3235084-CA-1209
Rev.	G

NOTES:
 1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22
No.	Revision	By	Chk.	Appd.	Date

Drawing Originator:

Original Scale (A1) 1:500
 Reduced Scale (A3) 1:1000

Design	A. HOLT	26.03.21	Approved For Construction*
Drawn	A. HOLT	26.03.21	Date
Design Verifier			
Design Check			

* Refer to Revision 1 for Original Signature

Client: WAKA KOTAHI NZ TRANSPORT AGENCY

Project: SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT PLAN SHEET 10

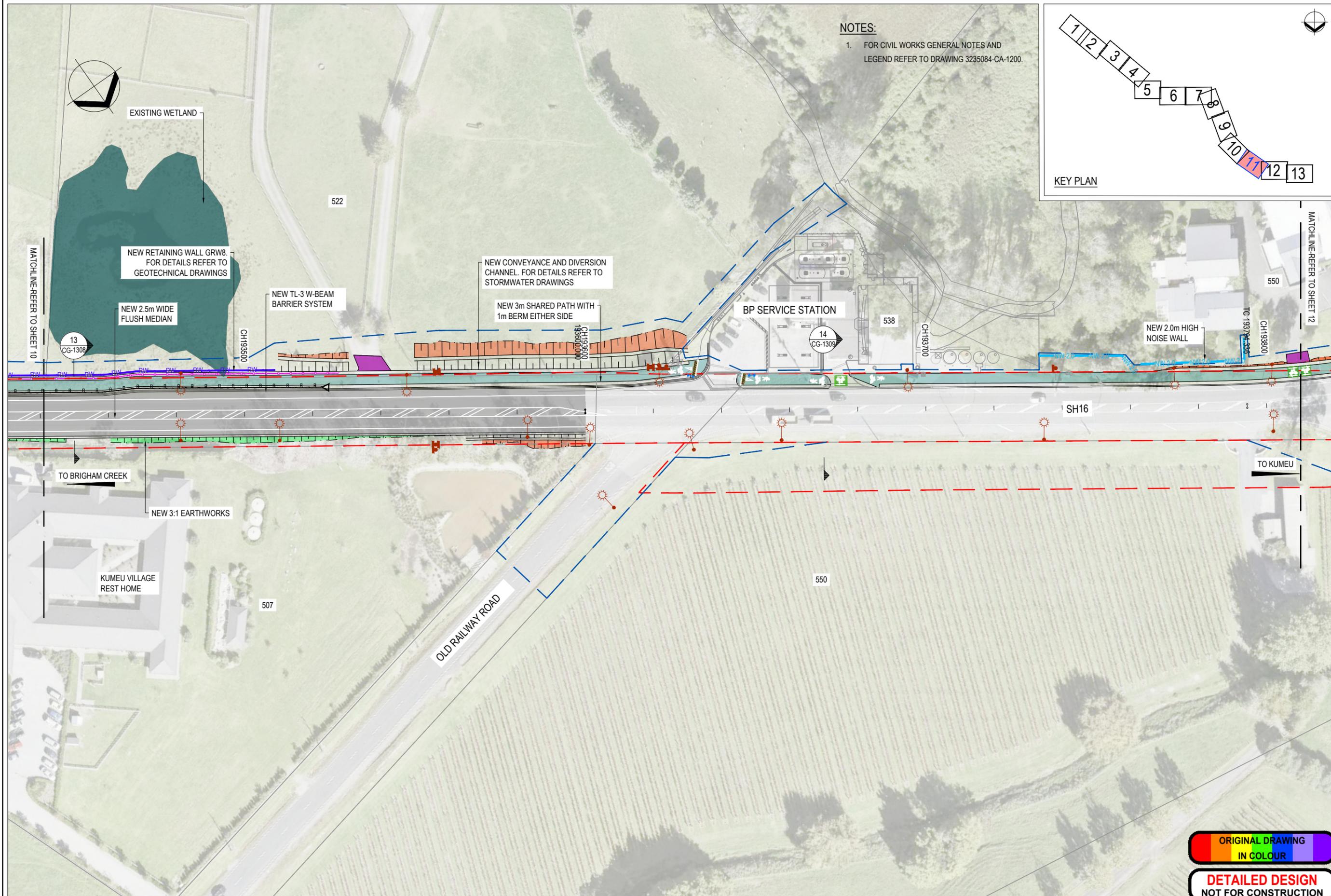
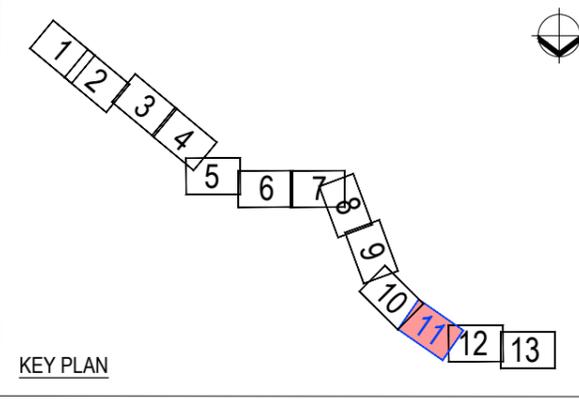
Discipline	CIVIL ENGINEERING
Drawing No.	3235084-CA-1210
Rev.	G

ORIGINAL DRAWING IN COLOUR

DETAILED DESIGN NOT FOR CONSTRUCTION

NOTES:

- FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



No.	Revision	By	CHK	Appd	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

Original Scale (A1)	Design	Drawn	Date	Approved For Construction*
1:500	A. HOLT	A. HOLT	26.03.21	
Reduced Scale (A3)	Design Verifier	Design Check	Date	
1:1000				

* Refer to Revision 1 for Original Signature

Client:

Project: SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT PLAN SHEET 11

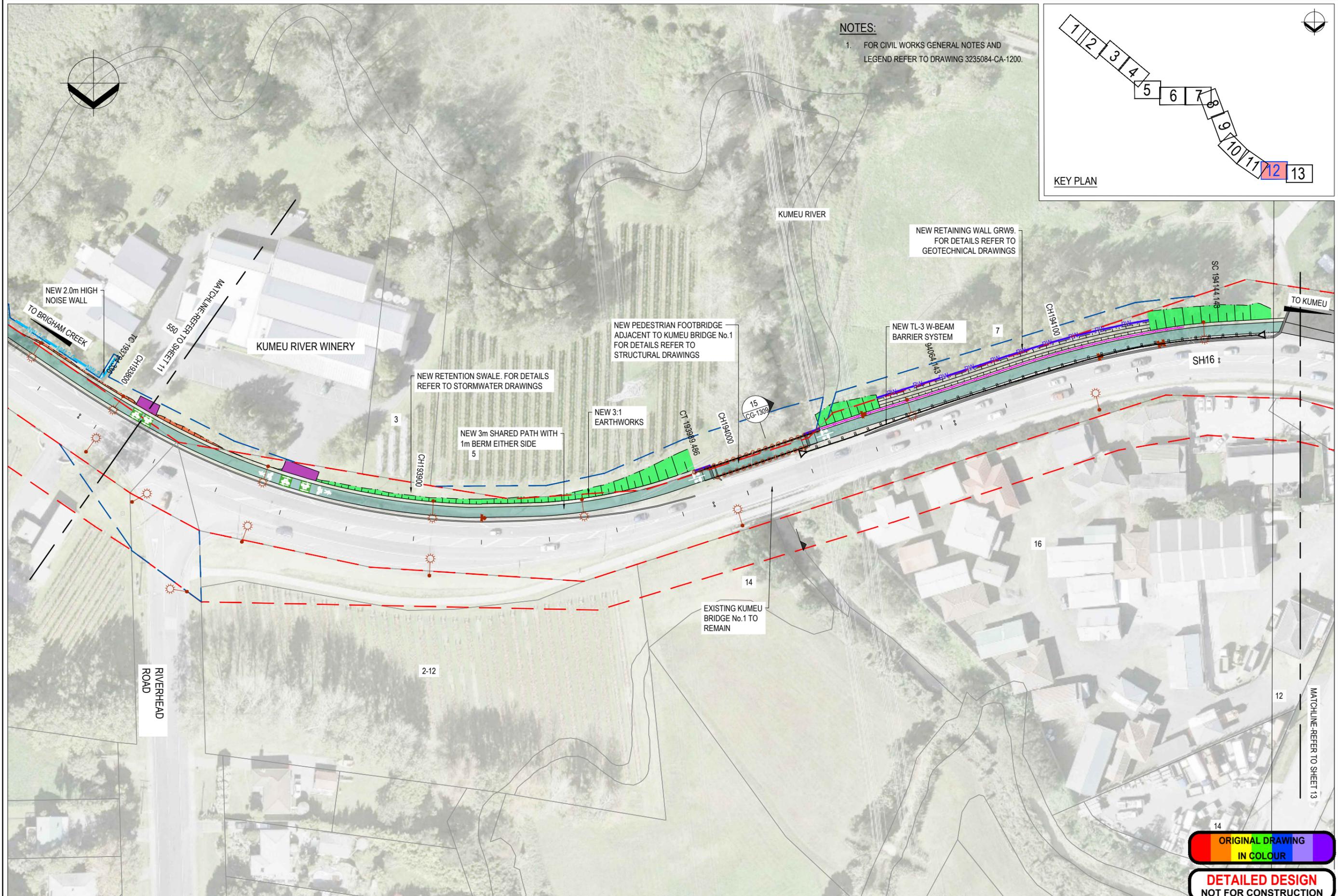
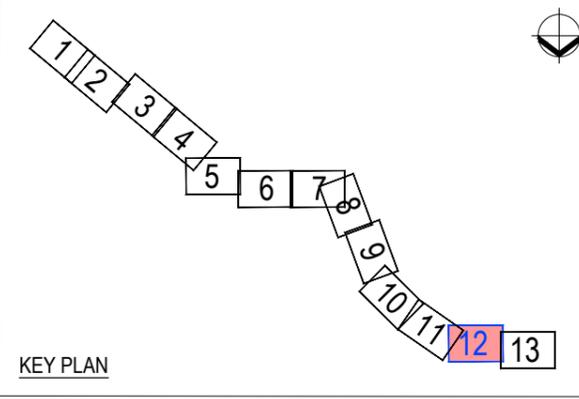
Discipline	Rev.
CIVIL ENGINEERING	G
Drawing No.	3235084-CA-1211

ORIGINAL DRAWING IN COLOUR

DETAILED DESIGN NOT FOR CONSTRUCTION

NOTES:

1. FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



ORIGINAL DRAWING
IN COLOUR

DETAILED DESIGN
NOT FOR CONSTRUCTION

No.	Revision	By	Chk.	Appd.	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

Original Scale (A1) 1:500
Reduced Scale (A3) 1:1000

Design	A. HOLT	26.03.21	Approved For Construction*
Drawn	A. HOLT	26.03.21	Date
Design Checker			

* Refer to Revision 1 for Original Signature

Client:

Project: SH16 - SAFETY IMPROVEMENTS STAGE 2 BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT PLAN SHEET 12

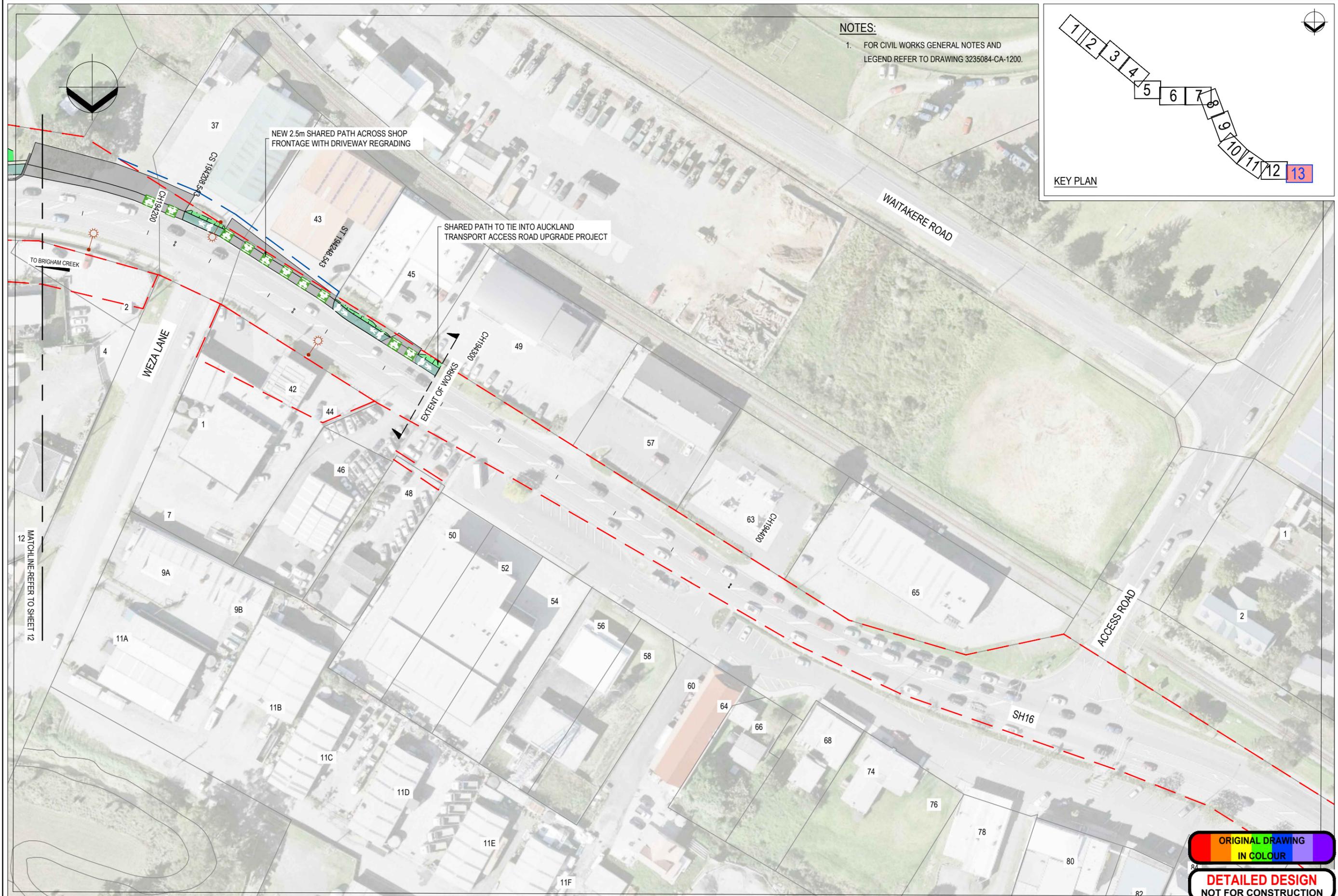
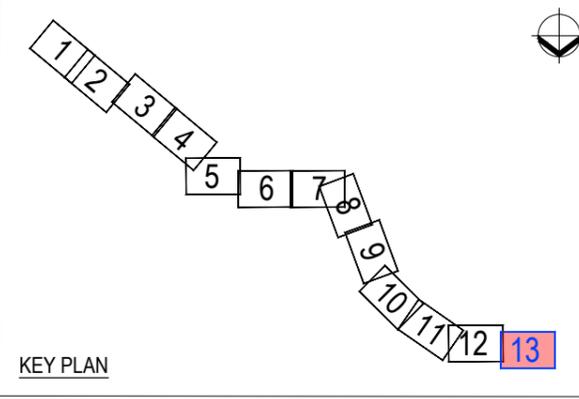
Discipline: CIVIL ENGINEERING

Drawing No: 3235084-CA-1212

Rev: G

NOTES:

- FOR CIVIL WORKS GENERAL NOTES AND LEGEND REFER TO DRAWING 3235084-CA-1200.



No.	Revision	By	CHK	Appd	Date
G	FOR CONSENTING	AH	SP	GC	25.10.22
F	FOR CONSENTING	AH	SP	GC	10.10.22
E	DETAILED DESIGN	AH	SP	GC	25.08.22
D	FOR CONSENTING	AH	SP	GC	01.08.22

Drawing Originator:

Original Scale (A1)	Design	Drawn	Date	Approved For Construction*
1:500	A. HOLT	A. HOLT	26.03.21	
Reduced Scale (A3)	Design Checker			
1:1000				

* Refer to Revision 1 for Original Signature

Client:

Project: SH16 - SAFETY IMPROVEMENTS
STAGE 2
BRIGHAM CREEK TO KUMEU

Title: GENERAL ARRANGEMENT
PLAN
SHEET 13

Discipline	Rev
CIVIL ENGINEERING	G
Drawing No.	3235084-CA-1213

ORIGINAL DRAWING
IN COLOUR

DETAILED DESIGN
NOT FOR CONSTRUCTION