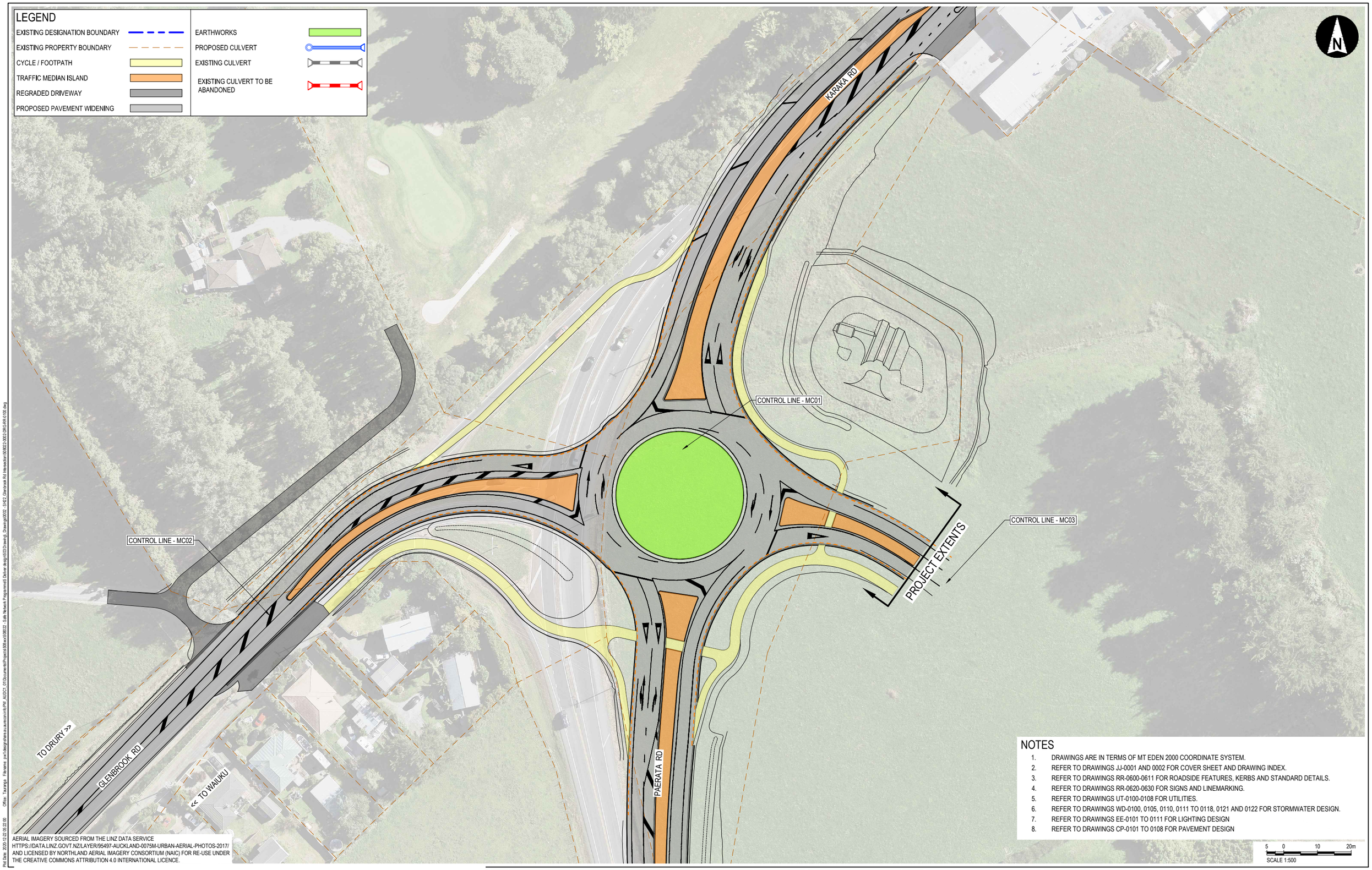


NOTES

1. DRAWINGS ARE IN TERMS OF MT EDEN 2000 COORDINATE SYSTEM.
2. REFER TO DRAWINGS JJ-0001 AND 0002 FOR COVER SHEET AND DRAWING INDEX.
3. REFER TO DRAWINGS RR-0600-0611 FOR ROADSIDE FEATURES, KERBS AND STANDARD DETAILS.
4. REFER TO DRAWINGS RR-0620-0630 FOR SIGNS AND LINEMARKING.
5. REFER TO DRAWINGS UT-0100-0108 FOR UTILITIES.
6. REFER TO DRAWINGS WD-0100, 0105, 0110, 0111 TO 0118, 0121 AND 0122 FOR STORMWATER DESIGN.
7. REFER TO DRAWINGS EE-0101 TO 0111 FOR LIGHTING DESIGN
8. REFER TO DRAWINGS CP-0101 TO 0108 FOR PAVEMENT DESIGN

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

Plot Date: 2020-12-22 05:22:00 Office: Tauranga Filename: pw://designshare.au.aurecon.info:PW_AUDC1_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503 Drawing_Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0100.dwg

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:500	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

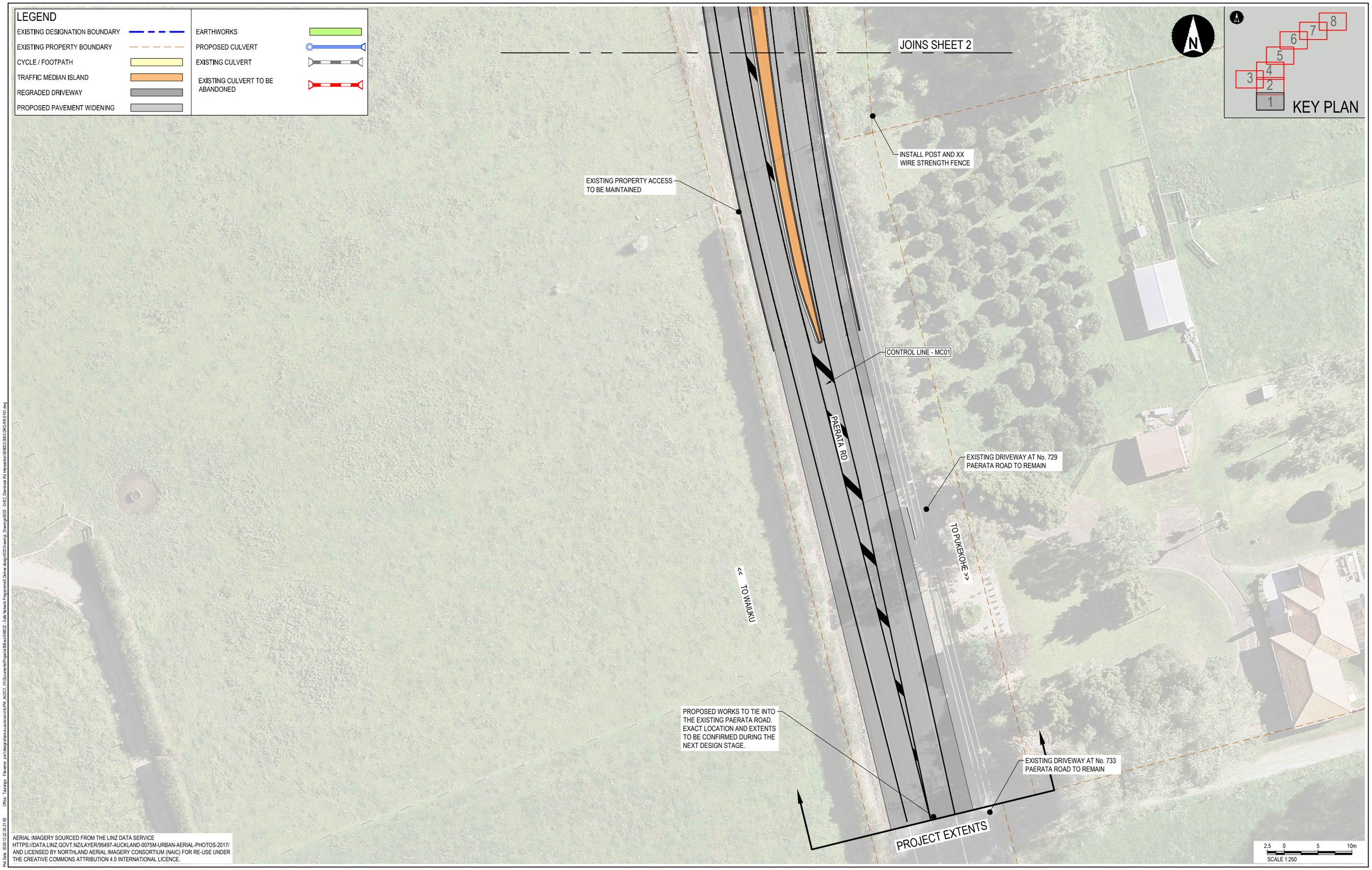
PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED — DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0100	C



AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

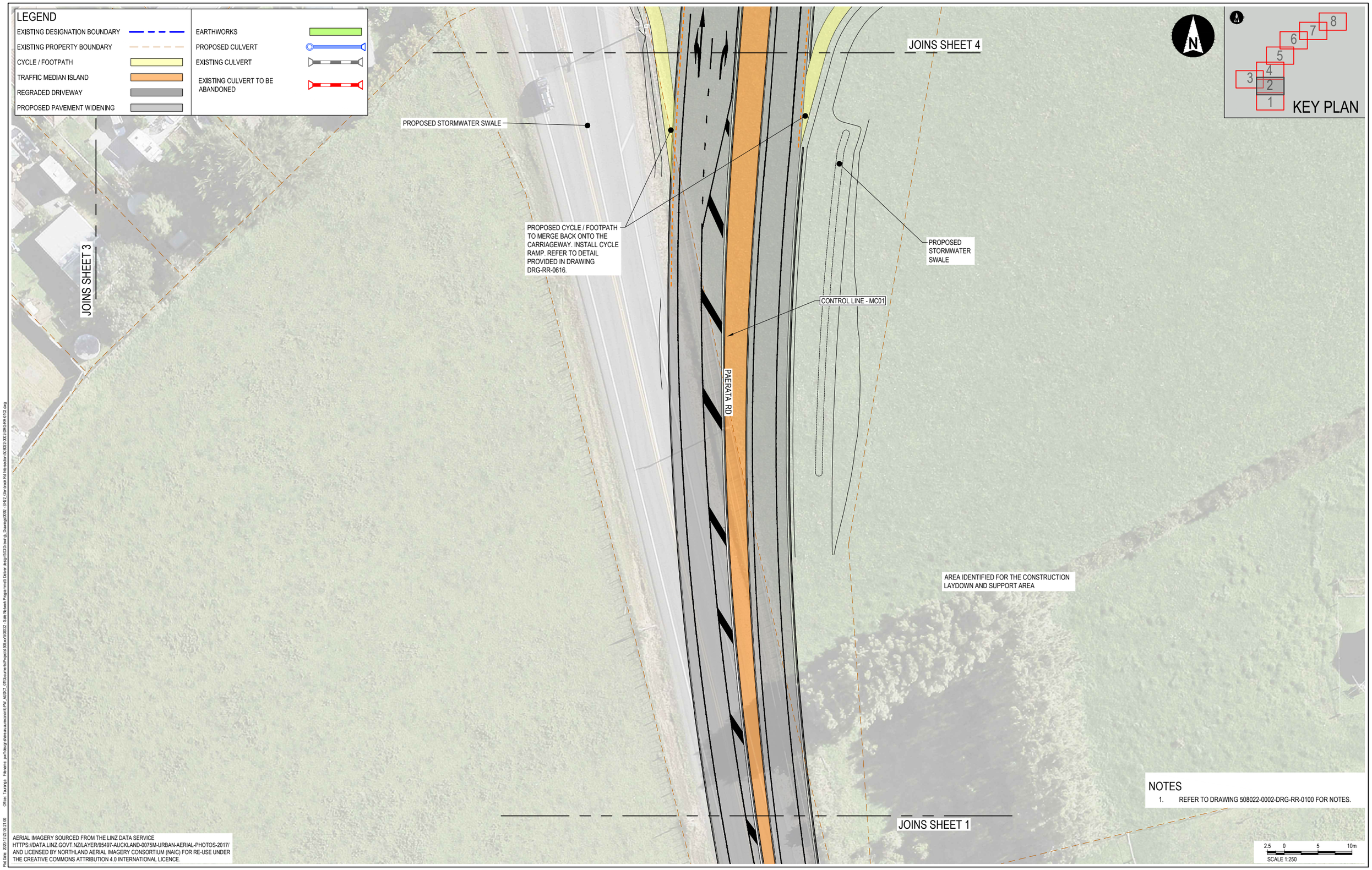
PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 1

DRAWING No.: PROJECT No. 508022 – AREA 0002 – TYPE DRG – DISC RR – NUMBER 0101 – REV C



NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

Plot Date: 2020-12-22 05:21:00 Office: Tauranga Filename: pw:\\design\share.au.aurecon.info\PW_AUDC1_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503 Drawing_Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0102.dwg

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

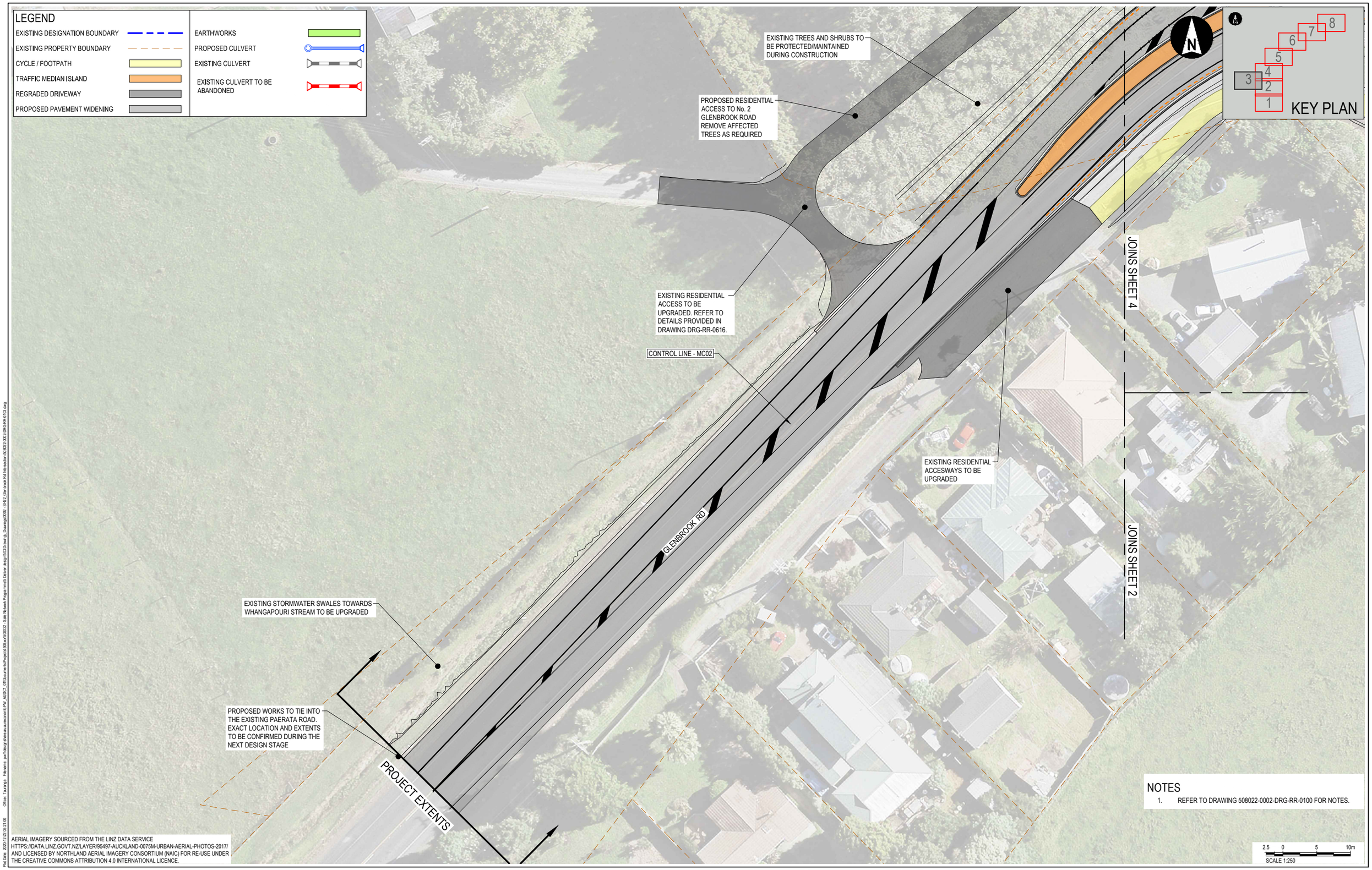
PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 2

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0102	C



NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED — DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 3

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0103	C

LEGEND

- EXISTING DESIGNATION BOUNDARY
- EXISTING PROPERTY BOUNDARY
- CYCLE / FOOTPATH
- TRAFFIC MEDIAN ISLAND
- REGRADED DRIVEWAY
- PROPOSED PAVEMENT WIDENING
- EARTHWORKS
- PROPOSED CULVERT
- EXISTING CULVERT
- EXISTING CULVERT TO BE ABANDONED

JOINS SHEET 5

KEY PLAN

PROPOSED CYCLE / FOOTPATH

FUTURE PROOFING FOR DOUBLE LANE ENTRY AND EXIT

KARAKA RD

PROPOSED STORMWATER WETLAND

PROPOSED RESIDENTIAL ACCESS TO NO. 2 GLENBROOK ROAD

INSTALL CYCLE RAMP. REFER TO DETAIL PROVIDED IN DRAWING DRG-RR-0616

CONTROL LINE - MC02

CONTROL LINE - MC01

INSTALL PRAM CROSSING AS PER DETAIL PROVIDED IN DRAWING DRG-RR-0616

CONTROL LINE - MC03

GLENBROOK RD

NEW ACCESS TO THE PAERATA RISE DEVELOPMENT

PROJECT EXTENTS

PROPOSED STORMWATER SWALE

PROPOSED 3.0m WIDE CYCLE/FOOTPATH TO BE CONNECTED TO REGRADED PROPERTY ACCESSWAYS

JOINS SHEET 3

PROPOSED 3.0m CYCLE/FOOTPATH

PAERATA RD

FUTURE PROOFING FOR DOUBLE LANE ENTRY AND EXIT

PROPOSED 3.0m WIDE CYCLE/FOOTPATH.

INSTALL PRAM CROSSING AS PER DETAIL PROVIDED IN DRAWING DRG-RR-0616

JOINS SHEET 2

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

2.5 0 5 10m
SCALE 1:250

NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

Plot Date: 2020-12-22 05:21:00 Office: Tauranga Filename: pw:\\designshare.au.aurecon.info\PW_AUDC1_01\Documents\Projects\508xx\508022 - Safe Network Programme\5 Deliver design\503\Drawing\0002 - SH22 Glenbrook Rd Intersection\508022-0002-DRG-RR-0104.dwg

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

WAKA KOTAHI NZ TRANSPORT AGENCY

SCALE	SIZE
1:250	A1

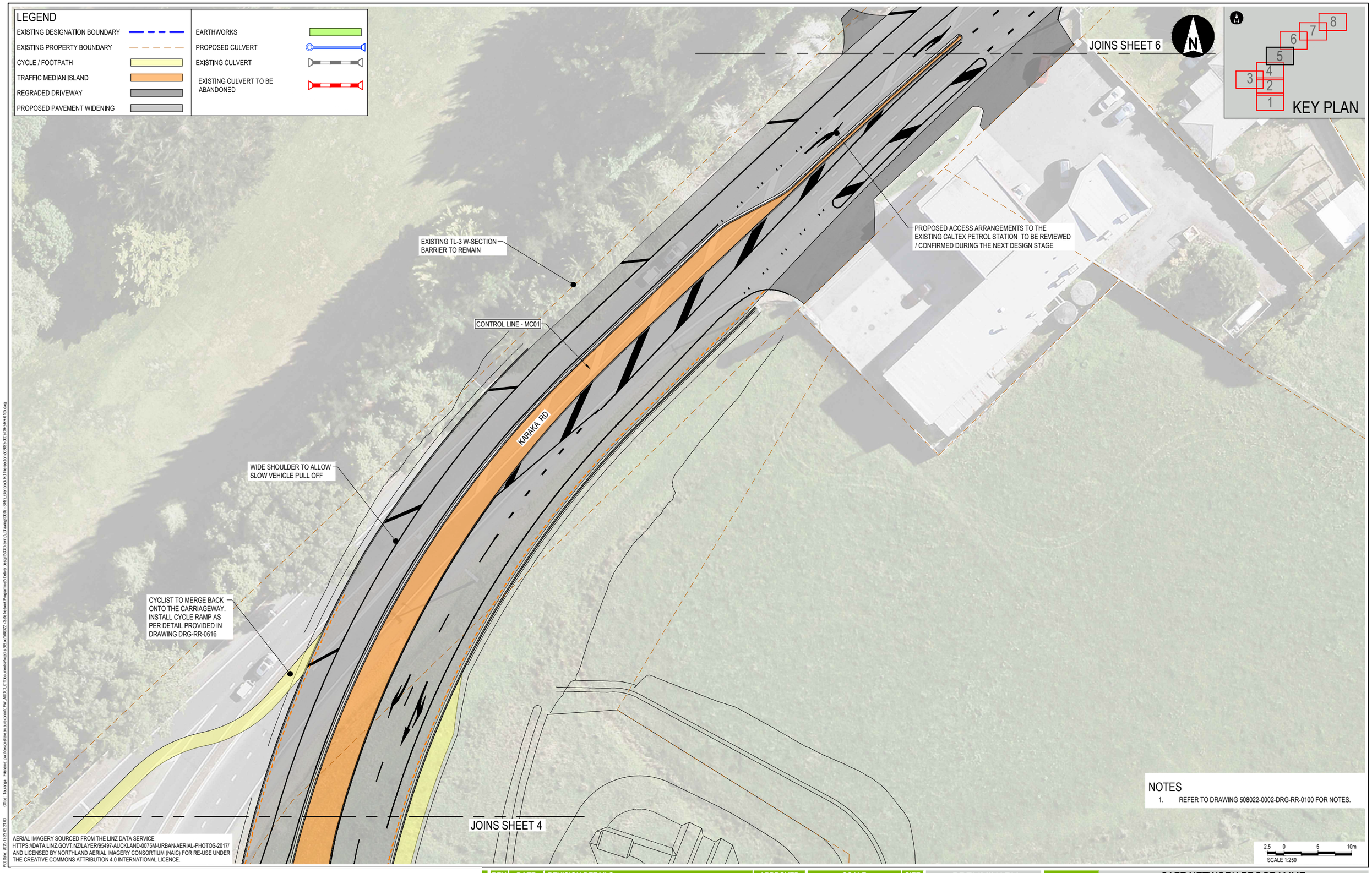
DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT	SAFE NETWORK PROGRAMME
TITLE	SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 4

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0104	C



NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

Plot Date: 2020-12-22 05:21:00 Office: Tauranga Filename: pw://designshare.au.aurecon.info:PW_AUDC1_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503 Drawing_Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0105.dwg

WAKA KOTAHI
NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 5

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0105	C

NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

Plot Date: 2020-12-22 05:21:00 Office: Tauranga Filename: pw:\\designshare.au.aurecon.info:PW_AUDC1_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503 Drawing_Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0106.dwg

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

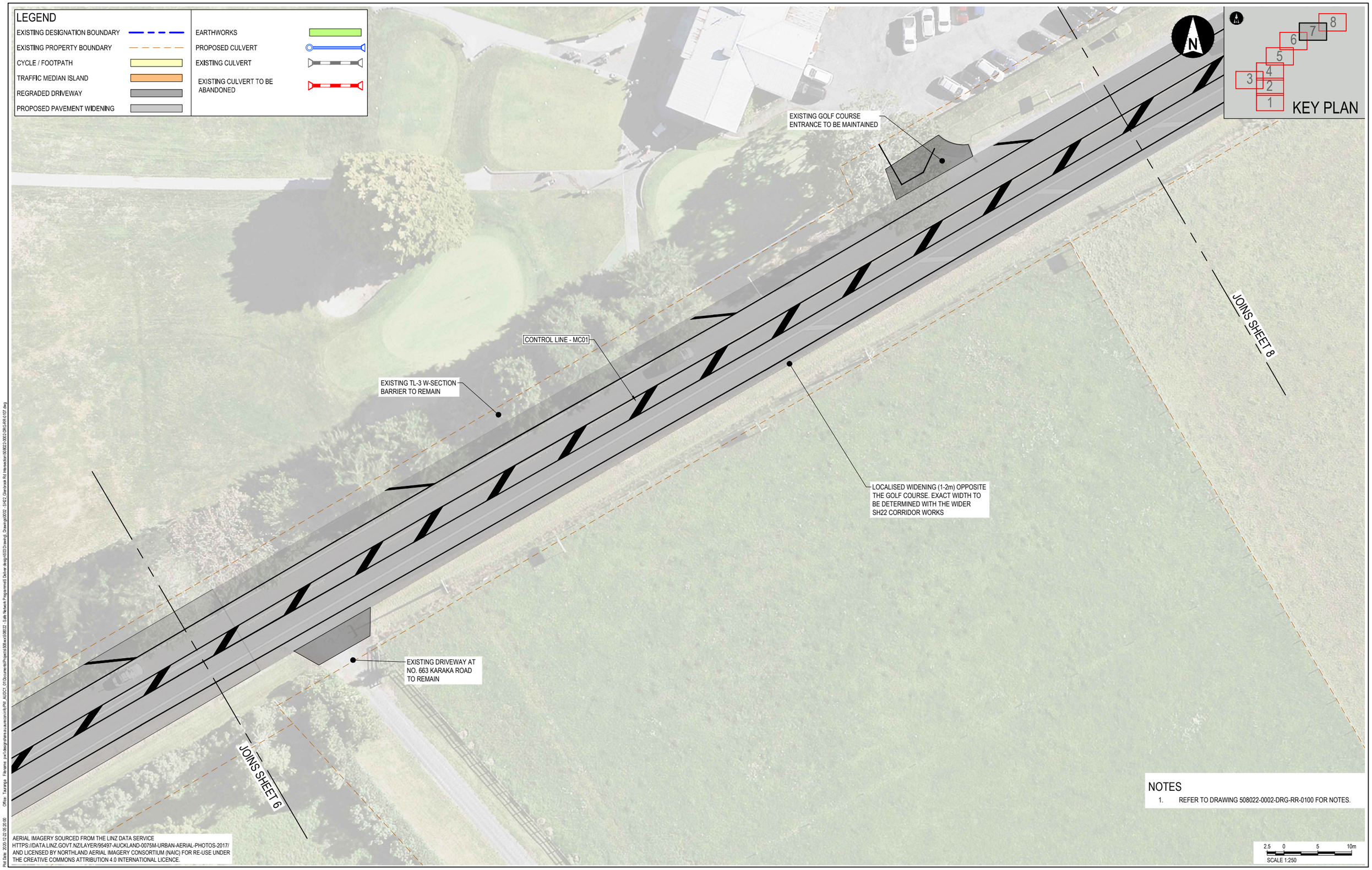
PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 6

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0106	C



NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

Plot Date: 2020-12-22 05:20:00 Office: Tauranga Filename: pw://designshare.aucsurecon.info:PW_AUDC1_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503 Drawing_Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0107.dwg

WAKA KOTAHI NZ TRANSPORT AGENCY

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 7

DRAWING No.	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	508022	0002	DRG	RR	0107	C

LEGEND

- EXISTING DESIGNATION BOUNDARY
- EXISTING PROPERTY BOUNDARY
- CYCLE / FOOTPATH
- TRAFFIC MEDIAN ISLAND
- REGRADED DRIVEWAY
- PROPOSED PAVEMENT WIDENING
- EARTHWORKS
- PROPOSED CULVERT
- EXISTING CULVERT
- EXISTING CULVERT TO BE ABANDONED

SH22 WESTBOUND PASSING LANE TO BE CLOSED AND REMARKED AS A SINGLE LANE WITH WIDE CENTRAL MEDIAN AND EDGE SHOULDER

PROJECT EXTENTS

REFER TO DRAWINGS RR-0629 AND RR-0630 FOR EXTENT OF FURTHER LINEMARKING

CONTROL LINE - MC01

TO DRURY >>

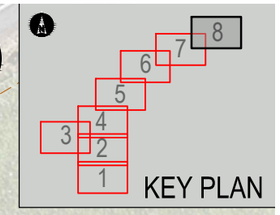
GOLF COURSE CARPARK

<< TO WAIUKU/PUKEKOHE

LOCALISED WIDENING (1-2m) OPPOSITE THE GOLF COURSE. EXACT WIDTH TO BE DETERMINED WITH THE WIDER SH22 CORRIDOR WORKS

JOINS SHEET 7

KEY PLAN



AERIAL IMAGERY SOURCED FROM THE LINZ DATA SERVICE HTTPS://DATA.LINZ.GOVT.NZ/LAYER/95497-AUCKLAND-0075M-URBAN-AERIAL-PHOTOS-2017/ AND LICENSED BY NORTHLAND AERIAL IMAGERY CONSORTIUM (NAIC) FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.

NOTES

1. REFER TO DRAWING 508022-0002-DRG-RR-0100 FOR NOTES.

2.5 0 5 10m
SCALE 1:250

Plot Date: 2020-12-22 05:20:00 Office: Tauranga File name: p:\projects\ns.au.aurecon.biz\Pw_AUSCI_01\Documents\Projects\508xxx\508022 - Safe Network Programme\5 Deliver design\503\Drawing\ Drawings\0002 - SH22_Glenbrook Rd Intersection\508022-0002-DRG-RR-0108.dwg

REV	DATE	REVISION DETAILS	APPROVED
C		ISSUED FOR 85% DEVELOPED DESIGN	N.HOLMAN
B	2020-11-04	PRELIMINARY DESIGN ISSUE	N.HOLMAN
A	2020-11-04	ISSUED FOR CONSENT	N.HOLMAN

WORK IN PROGRESS

SCALE	SIZE
1:250	A1

DRAWN: L.HODGSON
DESIGNED: S.HAMILTON
REVIEWED: M.OORSCHOT

PRELIMINARY
NOT FOR CONSTRUCTION

APPROVED
DATE 2020-11-04
N.HOLMAN
N.HOLMAN

WAKA KOTAHI
NZ TRANSPORT AGENCY

PROJECT: SAFE NETWORK PROGRAMME

TITLE: SH22 GLENBROOK ROAD INTERSECTION GENERAL ARRANGEMENT SHEET 8

DRAWING No.	PROJECT No.		AREA		TYPE		DISC		NUMBER		REV
	508022	–	0002	–	DRG	–	RR	–	0108	–	C