REV	REVISIONS	DRAWN	DATE
A	DRAFT ISSUE FOR REVIEW	VOLT	JAN, 2023

SURVEYED	N/A	
DRAWN	V. DELA TORRE	14.11.2022
DRAWING CHECK	J. DELA TORRE	14.11.2022
DESIGN	S. KUMAR	14.11.2022
DESIGN REVIEW	H. HICKS	14.11.2022
APPROVED	B. BUSNARDO	-

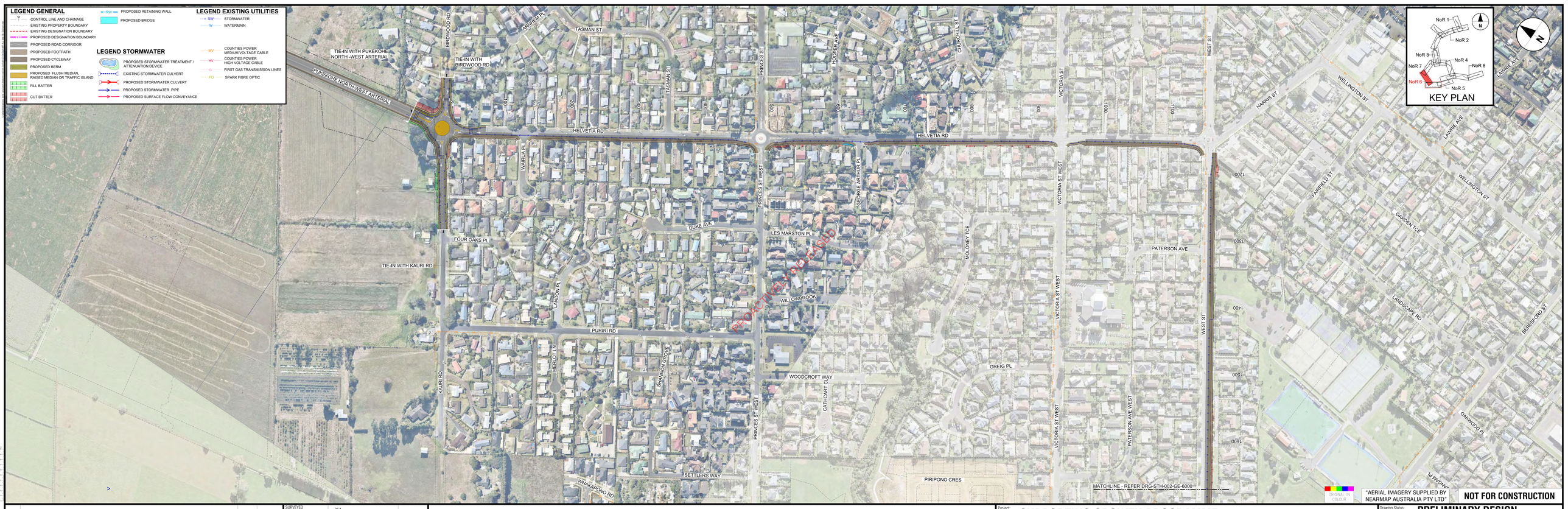
TE TUPU NGĀTAHI Supporting Growth

WAKA KOTAHI NZ TRANSPORT AGENCY

Project: **SUPPORTING GROWTH PROGRAMME**
PUKEKOHE

Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
PUKEKOHE SOUTH - EAST ARTERIAL - NoR 5 SHEET 2 OF 2

Drawing Status: **PRELIMINARY DESIGN**
Drawing Date: 16.01.2023
A1 Scales 1:500 | A3 Scales 1:1000
Discipline: GENERAL
Drawing No.: SGA-DRG-STH-002-GE-5100
Revision: **A**



REV	REVISIONS	DRAWN	DATE
A	DRAFT ISSUE FOR REVIEW	VDLT	MAR. 2023

SURVEYED	N/A	
DRAWN	V. DELA TORRE	16.03.2023
DRAWING CHECK	J. DELA TORRE	16.03.2023
DESIGN	S. KUMAR	16.03.2023
DESIGN REVIEW	H. HICKS	16.03.2023
APPROVED	B. BUSNARDO	-

TE TUPU NGĀTAHI
Supporting Growth

WAKA KOTAHI
NZ TRANSPORT AGENCY

Project: **SUPPORTING GROWTH PROGRAMME**
PUKEKOHE

Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
PUKEKOHE SOUTH - WEST ARTERIAL - NoR 6 SHEET 1 OF 2

Drawing Status: **PRELIMINARY DESIGN**
Drawing Date: 16.03.2023
A1 Scales 1:500 | A3 Scales 1:1000
Discipline: GENERAL
Drawing No.: SGA-DRG-STH-002-GE-6000
Revision: **A**

LEGEND GENERAL
CONTROL LINE AND CHAINAGE
EXISTING PROPERTY BOUNDARY
EXISTING DESIGNATION BOUNDARY
PROPOSED DESIGNATION BOUNDARY
PROPOSED ROAD CORRIDOR
PROPOSED FOOTPATH
PROPOSED CYCLEWAY
PROPOSED BERM
PROPOSED FLUSH MEDIAN, RAISED MEDIAN OR TRAFFIC ISLAND
FILL BATTER
CUT BATTER
PROPOSED RETAINING WALL
PROPOSED BRIDGE
LEGEND STORMWATER
PROPOSED STORMWATER TREATMENT / ATTENUATION DEVICE
EXISTING STORMWATER CULVERT
PROPOSED STORMWATER CULVERT
PROPOSED STORMWATER PIPE
PROPOSED SURFACE FLOW CONVEYANCE
LEGEND EXISTING UTILITIES
SW STORMWATER
W WATERMAIN
MV COUNTIES POWER MEDIUM VOLTAGE CABLE
HV COUNTIES POWER HIGH VOLTAGE CABLE
G FIRST GAS TRANSMISSION LINES
FO SPARK FIBRE OPTIC
KEY PLAN
NoR 1
NoR 2
NoR 3
NoR 4
NoR 5
NoR 6
NoR 7
NoR 8
STATION
N
PROACTIVELY RELEASED
LAWRIE AVE
WELLINGTON ST
QUEEN ST
HARRY MOORE PL
MASON AVE
BLEDISLOE CRT
RUSSELL AVE
PHILLIP ST
FAIR OAKS
PARSOT PL
EVANS CRT
COLLIE RD
JOHN ST
MANUKAU RD
GLASGOW RD
SUBWAY RD
CARLISLE RD
AVSTEN PL
TIE-IN WITH PUKEKOHE SOUTH-EAST ARTERIAL
SYDENSEN RD
WRIGHTSON WAY
NELSON ST
WARD ST
BERESFORD ST
PUN RD
WEST ST
ARUNDSON WAY
MATCH LINE - REFER DESIGNATION DRAWING
BARSANA PL
SANGAM PL
OAKWOOD PL
DAN BRYAN PL
SUNSET DR
GREEN LN
CLOVERLEA PL
RANCHOO TCE
RAMESH PL
WELLINGTON ST
COOPER ST
ASHBY PL
QUEEN ST
LIESHOUT WAY
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
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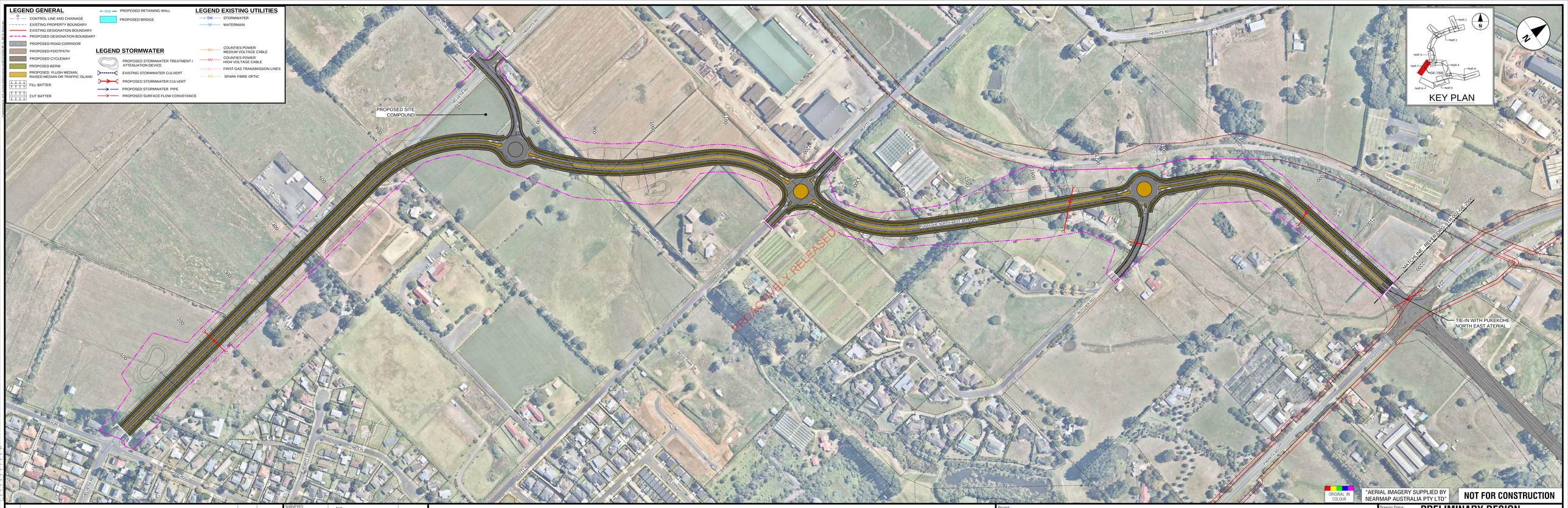


REV	REVISIONS	DRAWN	DATE
A	DRAFT ISSUE FOR REVIEW	VDLT	JAN. 2023

SURVEYED	N/A	
DRAWN	V. DELA TORRE	14.11.2022
DRAWING CHECK	J. DELA TORRE	14.11.2022
DESIGN	S. KUMAR	14.11.2022
DESIGN REVIEW	H. HICKS	14.11.2022
APPROVED	B. BUSNARDO	-

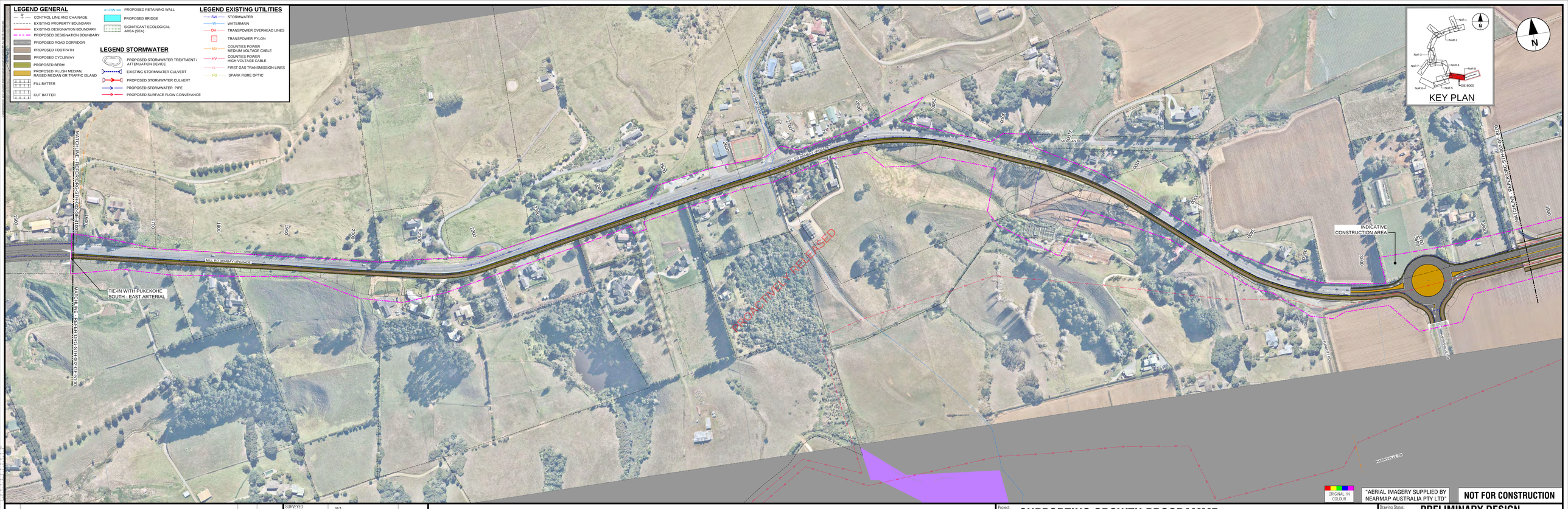
TE TUPU NGĀTAHI
Supporting Growth

WAKA KOTAHI
NZ TRANSPORT AGENCY

Project: **SUPPORTING GROWTH PROGRAMME**
PUKEKOHE

Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
PUKEKOHE NORTH - WEST ARTERIAL - NoR 7

Drawing Status: **PRELIMINARY DESIGN**
Drawing Date: 16.01.2023
A1 Scales 1:500 | A3 Scales 1:1000
Discipline: GENERAL
Drawing No.: SGA-DRG-STH-002-GE-7000
Revision: A



REV	REVISIONS	VOLT DRAWN	JAN, 2023 DATE
A	DRAFT ISSUE FOR REVIEW		

SURVEYED	N/A	
DRAWN	V. DELA TORRE	14.11.2022
DRAWING CHECK	J. DELA TORRE	14.11.2022
DESIGN	S. KUMAR	14.11.2022
DESIGN REVIEW	H. HICKS	14.11.2022
APPROVED	B. BUSNARDO	-

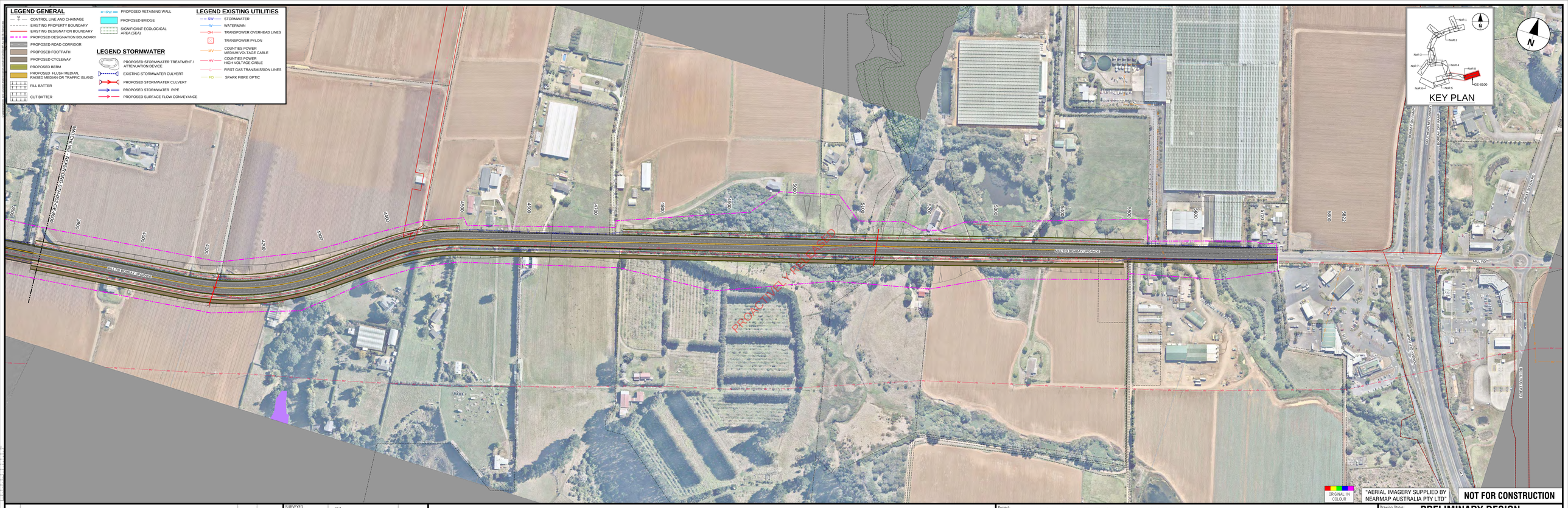
TE TUPU NGĀTAHI Supporting Growth

WAKA KOTAHI NZ TRANSPORT AGENCY

Project: **SUPPORTING GROWTH PROGRAMME**
PUKEKOHE

Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
MILL RD AND PUKEKOHE EAST ROAD UPGRADE - NoR 8 SHEET 1 OF 2

Drawing Status: **PRELIMINARY DESIGN**
Drawing Date: 16.01.2023
A1 Scales 1:500 | A3 Scales 1:1000
Discipline GENERAL
Drawing No. SGA-DRG-STH-002-GE-8000
Revision **A**



REV	REVISIONS	DRAWN	DATE
A	DRAFT ISSUE FOR REVIEW	VOLT	JAN, 2023

SURVEYED	N/A	
DRAWN	V. DELA TORRE	14.11.2022
DRAWING CHECK	J. DELA TORRE	14.11.2022
DESIGN	S. KUMAR	14.11.2022
DESIGN REVIEW	H. HICKS	14.11.2022
APPROVED	B. BUSNARDO	-

TE TUPU NGĀTAHI Supporting Growth

WAKA KOTAHI NZ TRANSPORT AGENCY

Project: **SUPPORTING GROWTH PROGRAMME**
PUKEKOHE

Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
MILL RD AND PUKEKOHE EAST ROAD UPGRADE - NoR 8 (WK) - SHEET 2 OF 2

Drawing Status: **PRELIMINARY DESIGN**
Drawing Date: 16.01.2023
A1 Scales 1:500 | A3 Scales 1:1000
Discipline GENERAL
Drawing No. SGA-DRG-STH-002-GE-8100
Revision **A**

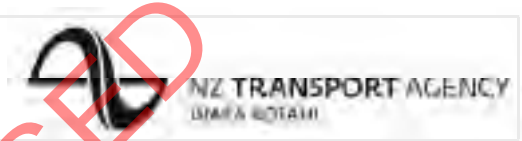
Appendix E2 – Safety in Design (SiD)

PROACTIVELY RELEASED

Appendix E3 – Road Safety Audit Exemption

PROACTIVELY RELEASED

Road Safety Audit Exemption Form



File reference	SGA-900-DBC-WPL-Road Safety Exemption Form
Project name	Supporting Growth Alliance (SGA)
Project stage	Detailed Business Case for Route Protection
RCA	Auckland Transport/ Waka Kotahi (NZ Transport Agency)

Brief project description and location:

The Supporting Growth Programme is a collaboration between Auckland Transport and Waka Kotahi NZ Transport Agency to plan transport investment in Auckland's future urban zoned areas over the next 10 to 30 years. The programme includes numerous transport corridors proposed within the Auckland Region over a 30+ year timeframe

The scope of the SGA programme where Safety Audit Exemption is sought includes all transport corridors where construction funding is **not** being sought (i.e. a route protection designation only).

Exemption rationale:

The Supporting Growth Business Cases are being developed to enable a designation footprint to be identified for future projects, and the design effort has been limited to that which will inform the designation footprint and Assessment of Environmental Effects for designation (i.e. the deliverable is the designation boundary rather than the design itself). The footprint will include sufficient land requirement to allow for construction and this will provide flexibility for design development to be made in future. It is expected that the future design will achieve a safe system outcome which will align with AT's Vision Zero for Tamaki Makaurau, Unitary Plan and Road and Street Framework.

As pre-implementation and construction funding is not being sought from this business case, several typical design tasks (intersection tracking, drainage design, geotechnical investigation and topographical survey) are not being carried out at this stage. The primary objective of a road safety audit is to help ensure a project achieves an outcome consistent with Safer Journeys and the Safe System approach – that is, minimisation of death and serious injury. It is considered that there is insufficient development of the design to undertake a safety audit at this point in time. An 'Implementation Business Case' will subsequently be required at some time in the future when construction is imminent to identify and confirm funding. The design for this business case will incorporate the latest design principles and standards that are relevant at the time, and there is a high likelihood that these will differ from today's requirements. Therefore, a Concept (Stage 1) Safety Audit is not proposed for the current route protection process and will be deferred until the project is ready to progress to implementation. A Concept Safety Audit will be required at that time regardless of whether one is carried out now.

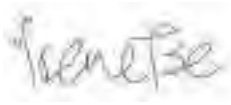
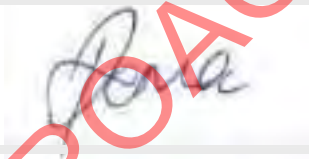
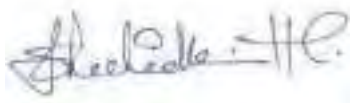
To adequately incorporate safety into our route protection business case, consultation with various AT's department to ensure adequate footprint is being secured. We will be applying the Safe System Assessment Framework to our programme and will also carry out a Safety in Design review during the pre-implementation design stage .

PROACTIVELY RELEASED

Declaration:

Having checked the above project with reference to the relevant procedures as laid down in Road Safety Audit Procedures for Projects - Guidelines, 2013, I consider that an independent road safety audit is not required for this stage subject to the following:

1. A Safety in Design Register is included in the Design Report
2. Safe System Principles to be applied to all design development and are documented in the design Report
3. A Concept (Stage 1) Safety Audit is undertaken for the subsequent Detailed Business Case required for implementation funding

Recommended by (Auckland Transport Owner Interface Manager):		**Endorsed by (Auckland Transport Safety Engineer):**	
Name	Alastair Lovell	Name	Irene Tse
Position	SGA Auckland Transport Owner Interface Manager	Position	Technical Lead Road Safety Engineering
Signature		Signature	
Date	28 August 2020	Date	28 August 2020
Recommended by (Waka Kotahi - NZ Transport Agency Owner Interface Manager):		**Endorsed by (Waka Kotahi -NZ Transport Agency Safety Engineer):**	
Name	Deepak Rama	Name	Shashi Lakshminarasimhaiah
Position	SGA Waka Kotahi Owner Interface Manager	Position	Senior Safety Engineer
Signature		Signature	
Date	28 August 2020	Date	17 August 2020

PROACTIVELY RELEASED

Appendix E4 - Geological map and historic geotechnical investigation logs (NZGD)

PROACTIVELY RELEASED

GEOLOGY OF THE PUKEKOHE AREA

DRAFT

PROACTIVELY RELEASED

Drury West
South Drury
SH22
Paerata Link
Paerata Connection
Paerata Arterial
Pukekohe North East Arterial
Pukekohe North West Arterial
Pukekohe South East Arterial
Pukekohe South West Arterial
Mill Rd Bombay Upgrade
Ramarama
Paerata South
Ingram Road 1
Ingram Road 2
Ingram Road 3
Ingram Road 4
Raventhorpe
Rutherford Road
Roosevelle North
Roosevelle South
Pukekohe East
Pukekohe
Jesmond Road
Fitzgerald Road
Whangapoun Creek
Qira Creek
Stream
FAULT

0 0.5 1 2
Kilometers

LEGEND

RevA_Designs

RevA_Designations

LEGEND QMAP