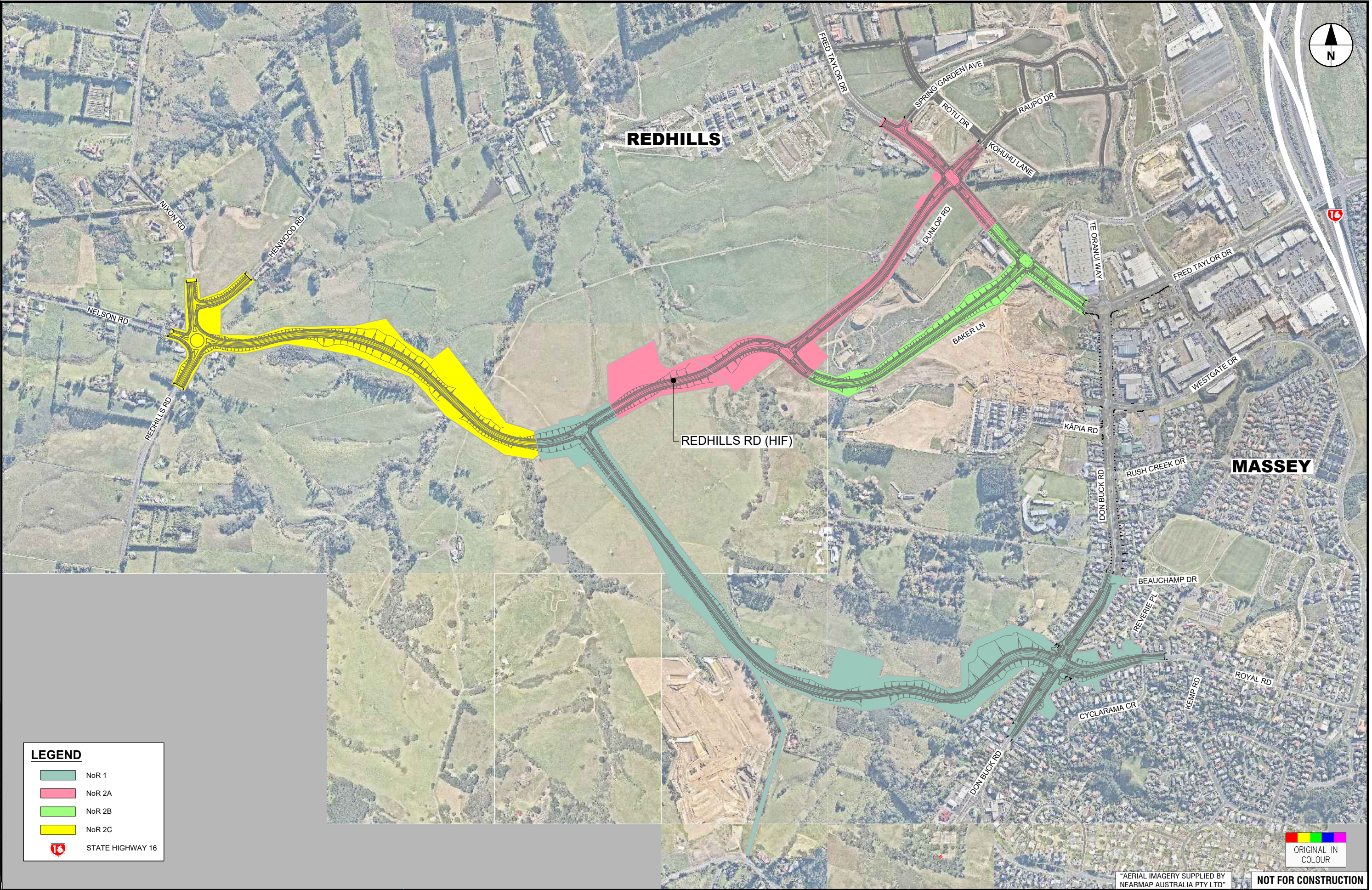


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ORIGINAL SIZE A1
0 10 20 30 40 50 60 70 80 90 100m

LEGEND

- NoR 1
- NoR 2A
- NoR 2B
- NoR 2C
- STATE HIGHWAY 16

ORIGINAL IN COLOUR

"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

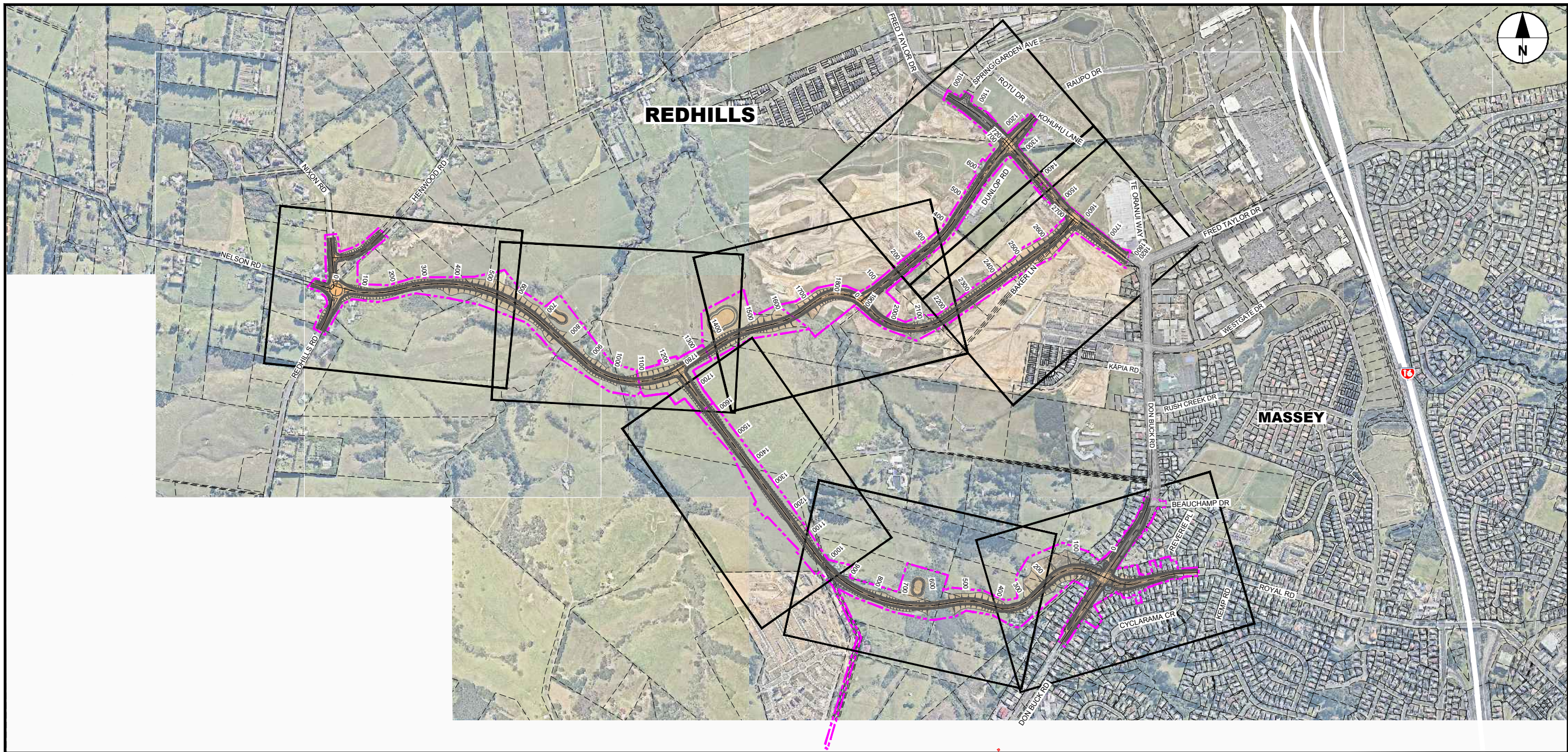
REV	REVISIONS	DATE	APPROVED	DATE
E	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	JDT DEC 2022		
D	FOR NOTICE OF REQUIREMENT	VDLT 11.09.20		
C	FOR DRAFT DETAILED BUSINESS CASE	VDLT 25.07.19		
B	FOR AT INTERNAL REVIEW	VDLT 17.04.19		
A	FOR SAFETY AUDIT	VDLT 05.04.19		

SURVEYED	DATE	DRAWN	DATE	DESIGN CHECK	DATE	DESIGN REVIEW	DATE	APPROVED	DATE
IA		V. DELA TORRE	28.08.20	J. DELA TORRE	28.08.20	D. ZIMMERLE	28.08.20	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS
 Drawing Title: GENERAL ARRANGEMENT PLAN

Drawing Status: FOR LODGEMENT	
Drawing Date: 07.12.2022	
A1 Scale: 1:5000	A3 Scale: 1:10000
Discipline: CIVIL	
Drawing No: SGA-DRG-NWE-001-GE-1101	Revision: E



REDHILLS RD (HIF)

Scale NTS

GENERAL NOTES

GENERAL

- 1.1 THE GENERAL ARRANGEMENT (GA) PLANS PROVIDE PRELIMINARY / CONCEPT LEVEL DESIGN REQUIRED TO IDENTIFY THE DESIGNATION FOOTPRINT FOR THE CONSTRUCTION AND OPERATION OF THE PERMANENT WORKS.
- 1.2 THE GA PLANS INDICATE HOW EACH CORRIDOR TIES INTO THE EXISTING AND FUTURE TRANSPORT NETWORK.

STORMWATER

- 2.1 THE STORMWATER DESIGN IS INDICATIVE.
- 2.2 STORMWATER POND SIZES ARE INDICATIVE AND DESIGNED IN ACCORDANCE WITH AUCKLAND COUNCIL'S GUIDELINE DOCUMENT GD01: STORMWATER MANAGEMENT DEVICES GUIDE.

DRAWING LIST - REDHILLS RD (HIF)

DRAWING No.	DRAWING TITLE	REVISION
SGA-DRG-NWE-001-GE-1001	LOCATION PLAN, GENERAL NOTES, DRAWING LIST	E
SGA-DRG-NWE-001-CI-1001	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 1 OF 8	B
SGA-DRG-NWE-001-CI-1002	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 2 OF 8	B
SGA-DRG-NWE-001-CI-1003	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 3 OF 8	B
SGA-DRG-NWE-001-CI-1004	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 4 OF 8	B
SGA-DRG-NWE-001-CI-1005	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 5 OF 8	B
SGA-DRG-NWE-001-CI-1006	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 6 OF 8	B
SGA-DRG-NWE-001-CI-1007	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 7 OF 8	B
SGA-DRG-NWE-001-CI-1008	GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 8 OF 8	B

ORIGINAL SIZE A1



ORIGINAL IN

NOT FOR CONSTRUCTION

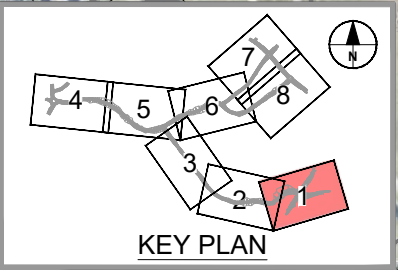
FOR LODGEMENT

REV	REVISIONS	DATE	APPROVED	DATE
E	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	11.09.20	JDT	DEC 2022
D	FOR NOTICE OF REQUIREMENT	25.07.19	VDLT	
C	FOR DRAFT DETAILED BUSINESS CASE	17.04.19	VDLT	
B	FOR INTERNAL REVIEW	05.04.19	VDLT	
A	FOR SAFETY AUDIT			

SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS
 Drawing Title: LOCATION PLAN, GENERAL NOTES, DRAWING LIST

Drawing Status:		07.12.2022	
Drawing Date:	07.12.2022		
A1 Scales	NTS	A3 Scales	NTS
Drawing No:	SGA-DRG-NWE-001-GE-1001	Revision:	E

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ORIGINAL SIZE A1
100mm
90
80
70
60
50
40
30
20
10
0

LEGEND GENERAL

- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY 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 CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)

LEGEND EXISTING UTILITIES

- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON



"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	APPROVED	DATE
B	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	DEC 2022	R. BROWN	28.08.2020
A	FOR DRAFT NOTICE OF REQUIREMENT	SEPT 2020	B. BUSNARDO	07.12.2022
REVISIONS				

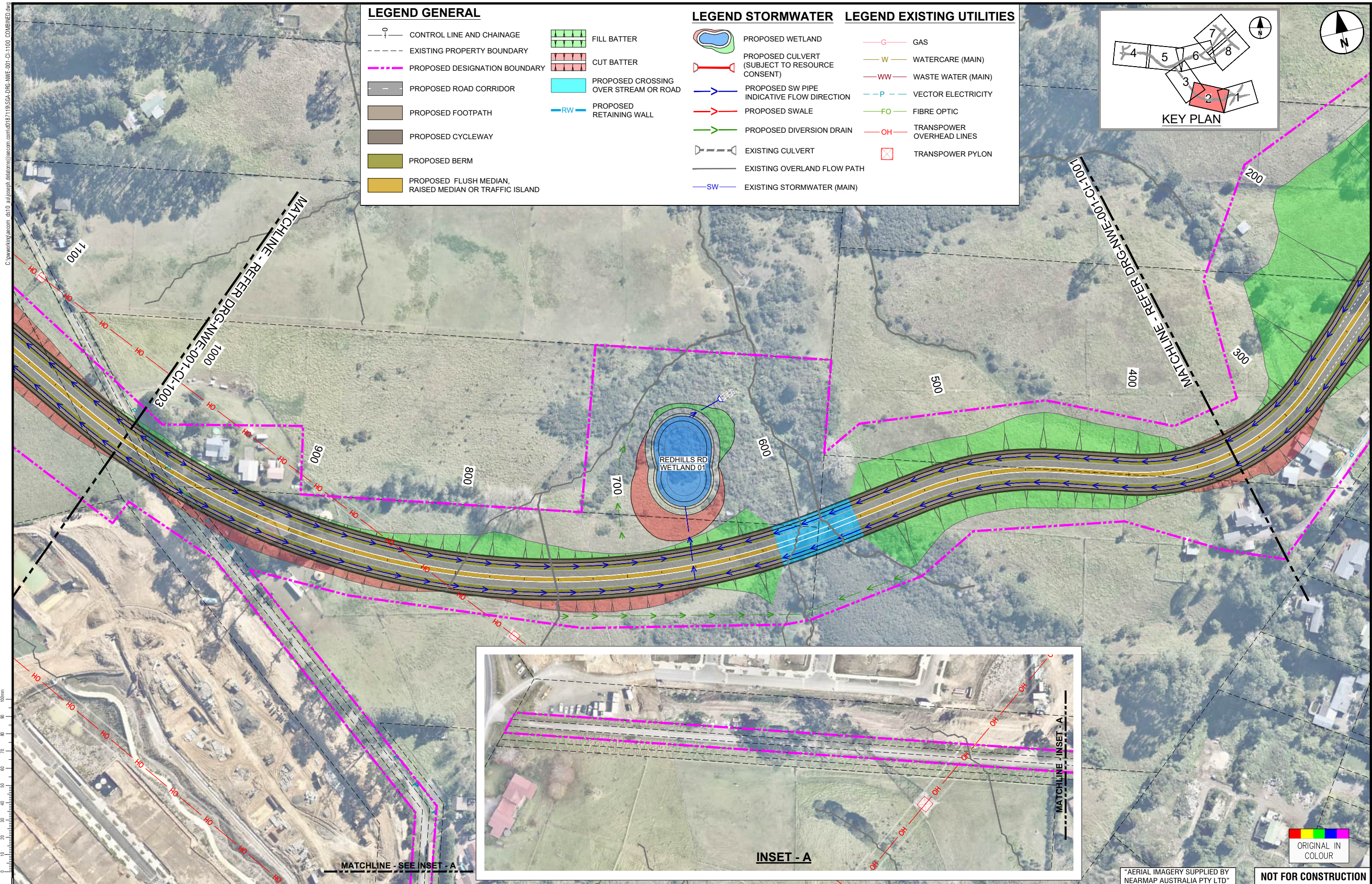


**SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 1)**

GENERAL ARRANGEMENT LAYOUT PLAN
SHEET 1 OF 8

Drawing Date: 07.12.2022		Revision: B	
A1 Scale: 1:1000	A3 Scale: 1:2000	Discipline: CIVIL	
Drawing No: SGA-DRG-NWE-001-CI-1001		Project: SUPPORTING GROWTH PROGRAMME NORTH WEST HIF REDHILLS (NoR 1)	

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LEGEND GENERAL

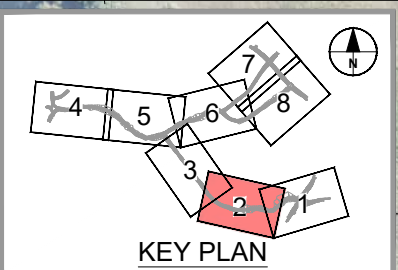
- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- PROPOSED ROAD CORRIDOR
- PROPOSED FOOTPATH
- PROPOSED CYCLEWAY
- PROPOSED BERM
- PROPOSED FLUSH MEDIAN, RAISED MEDIAN OR TRAFFIC ISLAND
- FILL BATTER
- CUT BATTER
- PROPOSED CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)

LEGEND EXISTING UTILITIES

- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON



ORIGINAL SIZE A1

REV	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	VDLT	DEC. 2022	DESIGN REVIEW	R. BROWN	28.08.2020
A	FOR DRAFT NOTICE OF REQUIREMENT	VDLT	SEPT. 2020	APPROVED	B. BUSNARDO	07.12.2022

SURVEYED	N/A	
DRAWN	V. DELA TORRE	28.08.2020
DRAWING CHECK	J. DELA TORRE	28.08.2020
DESIGN	D. De ALMEIDA	28.08.2020
DESIGN REVIEW	R. BROWN	28.08.2020
APPROVED	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 1)
 Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
 SHEET 2 OF 8

"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

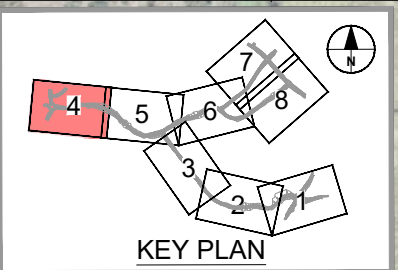
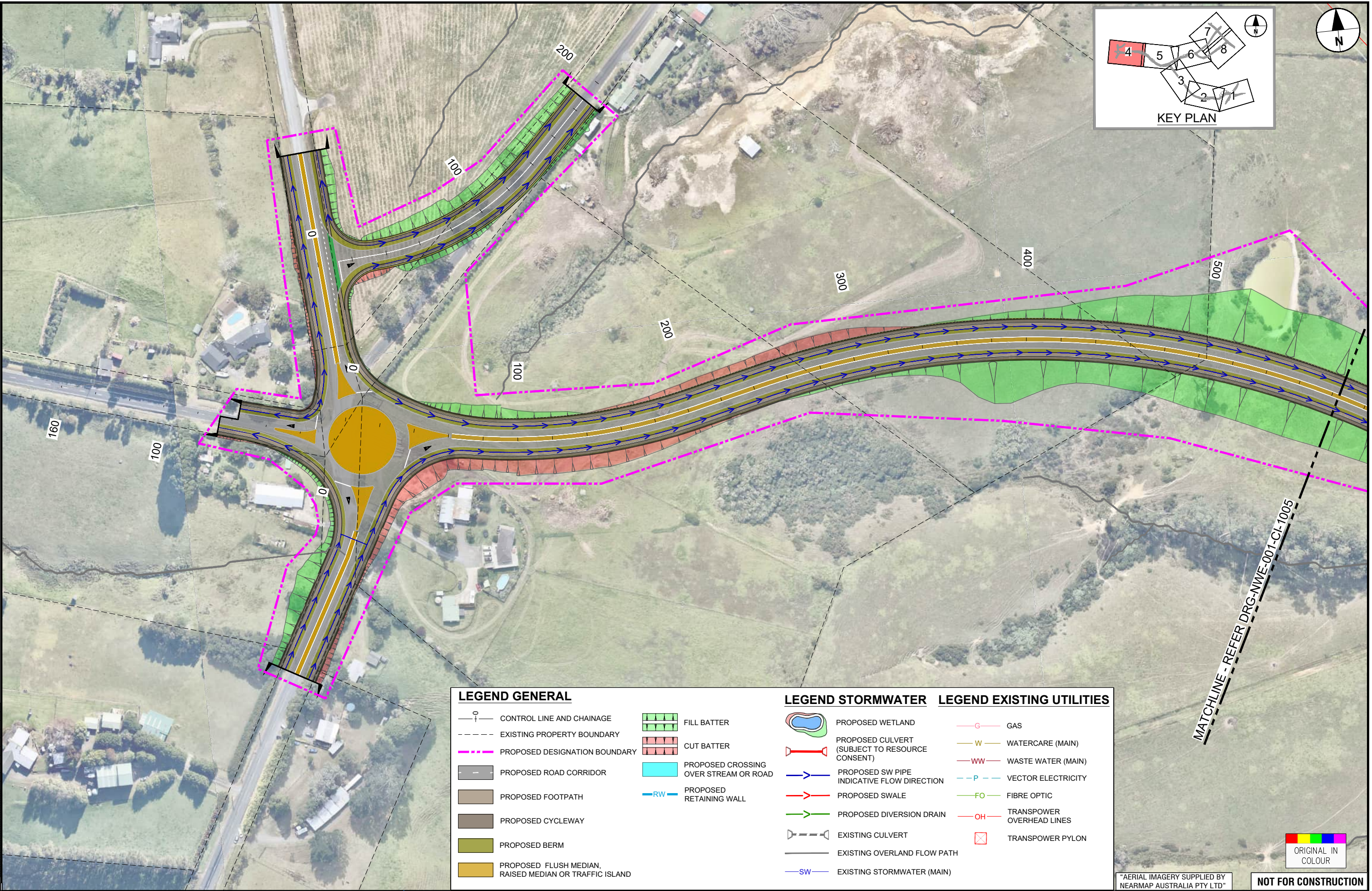
FOR LODGEMENT

Drawing Date:	07.12.2022	
A1 Scale:	1:1000	A3 Scale: 1:2000
Discipline:	CIVIL	
Drawing No:	SGA-DRG-NWE-001-CI-1002	



B

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LEGEND GENERAL

- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY 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 CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)

LEGEND EXISTING UTILITIES

- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON

MATCHLINE - REFER DRG-NWE-001-CI-1005

ORIGINAL IN COLOUR

ORIGINAL SIZE A1

REV	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	DATE	DESIGNER	DATE
B	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	DEC. 2022	R. BROWN	28.08.2020
A	FOR DRAFT NOTICE OF REQUIREMENT	SEPT. 2020	B. BUSNARDO	07.12.2022

SURVEYED	N/A	DATE
DRAWN	V. DELA TORRE	28.08.2020
DRAWING CHECK	J. DELA TORRE	28.08.2020
DESIGN	D. De ALMEIDA	28.08.2020
DESIGN REVIEW	R. BROWN	28.08.2020
APPROVED	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 2C)
 Drawing Title:
GENERAL ARRANGEMENT LAYOUT PLAN
 SHEET 4 OF 8

"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

Drawing Status:		FOR LODGEMENT	
Drawing Date:	07.12.2022		
A1 Scale:	1:1000	A3 Scale:	1:2000
Discipline: CIVIL			
Drawing No.:	SGA-DRG-NWE-001-CI-1004	Revision:	B

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LEGEND GENERAL

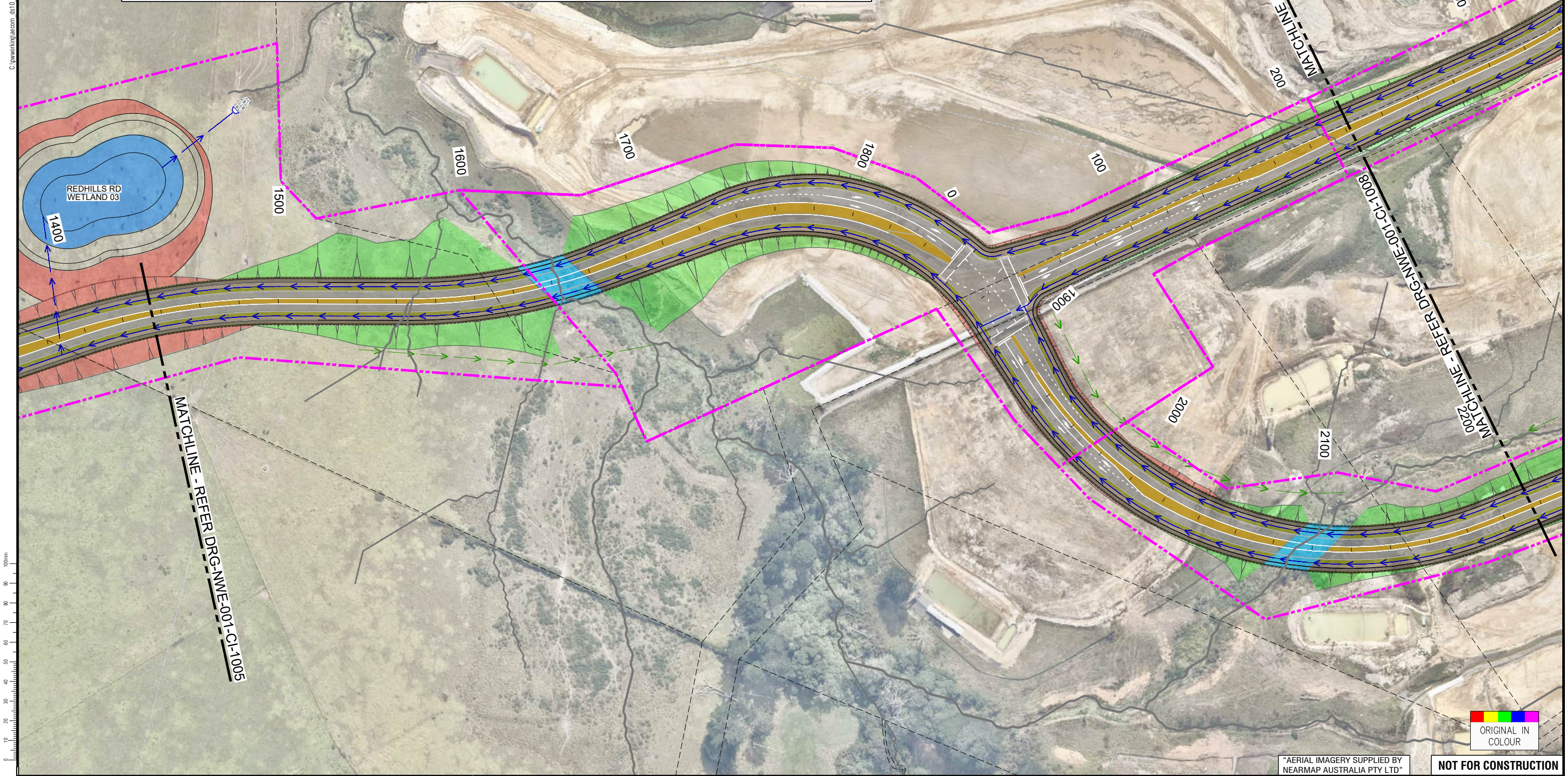
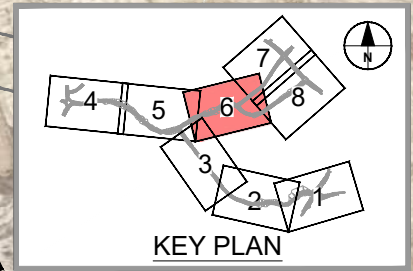
- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY BOUNDARY
- PROPOSED DESIGNATION BOUNDARY
- PROPOSED ROAD CORRIDOR
- PROPOSED FOOTPATH
- PROPOSED CYCLEWAY
- PROPOSED BERM
- PROPOSED FLUSH MEDIAN, RAISED MEDIAN OR TRAFFIC ISLAND
- FILL BATTER
- CUT BATTER
- PROPOSED CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)

LEGEND EXISTING UTILITIES

- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON



ORIGINAL SIZE A1

100mm



"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DESIGN REVIEW	DATE	APPROVED	DATE
B	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	DEC. 2022	R. BROWN	28.08.2020		
A	FOR DRAFT NOTICE OF REQUIREMENT	SEPT. 2020				
	REVISIONS					

SURVEYED	N/A	
DRAWN	V. DELA TORRE	28.08.2020
DRAWING CHECK	J. DELA TORRE	28.08.2020
DESIGN	D. DE ALMEIDA	28.08.2020
DESIGN REVIEW	R. BROWN	28.08.2020
APPROVED	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 2A AND NoR 2B)
 Project:
 Drawing Title:
GENERAL ARRANGEMENT LAYOUT PLAN
SHEET 6 OF 8

Drawing Status:		FOR LODGEMENT	
Drawing Date:	07.12.2022		
A1 Scale:	1:1000	A3 Scale:	1:2000
Discipline: CIVIL			
Drawing No:	SGA-DRG-NWE-001-CI-1006	Revision:	B

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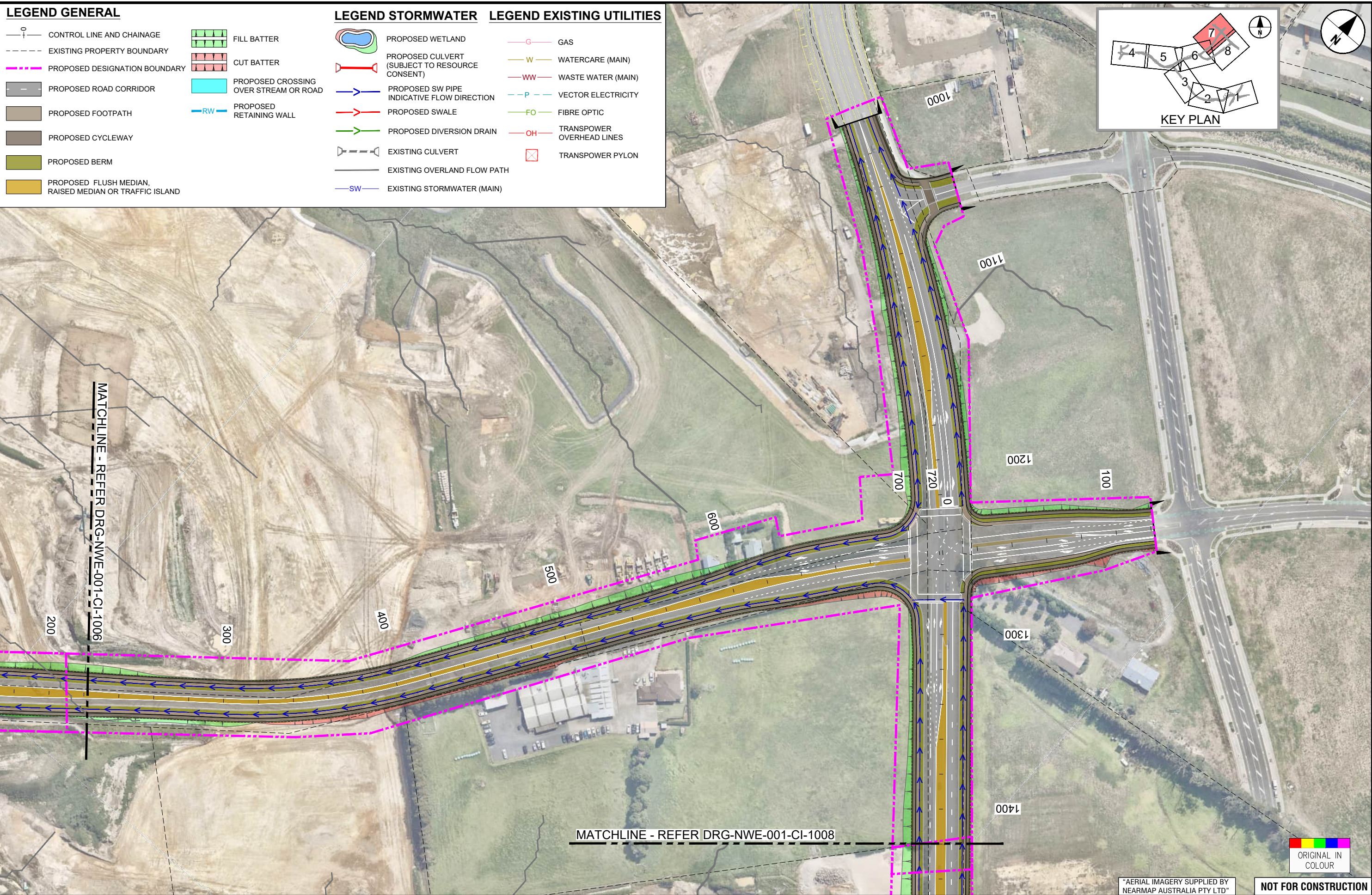
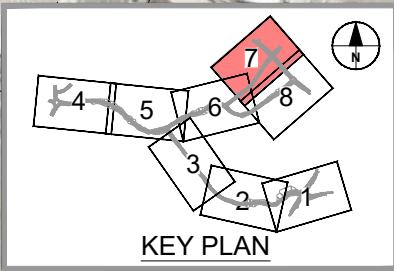
LEGEND GENERAL

- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY 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 CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)
- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON

LEGEND EXISTING UTILITIES



ORIGINAL SIZE A1

ORIGINAL IN COLOUR

*AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD

NOT FOR CONSTRUCTION

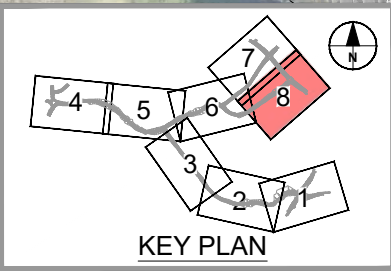
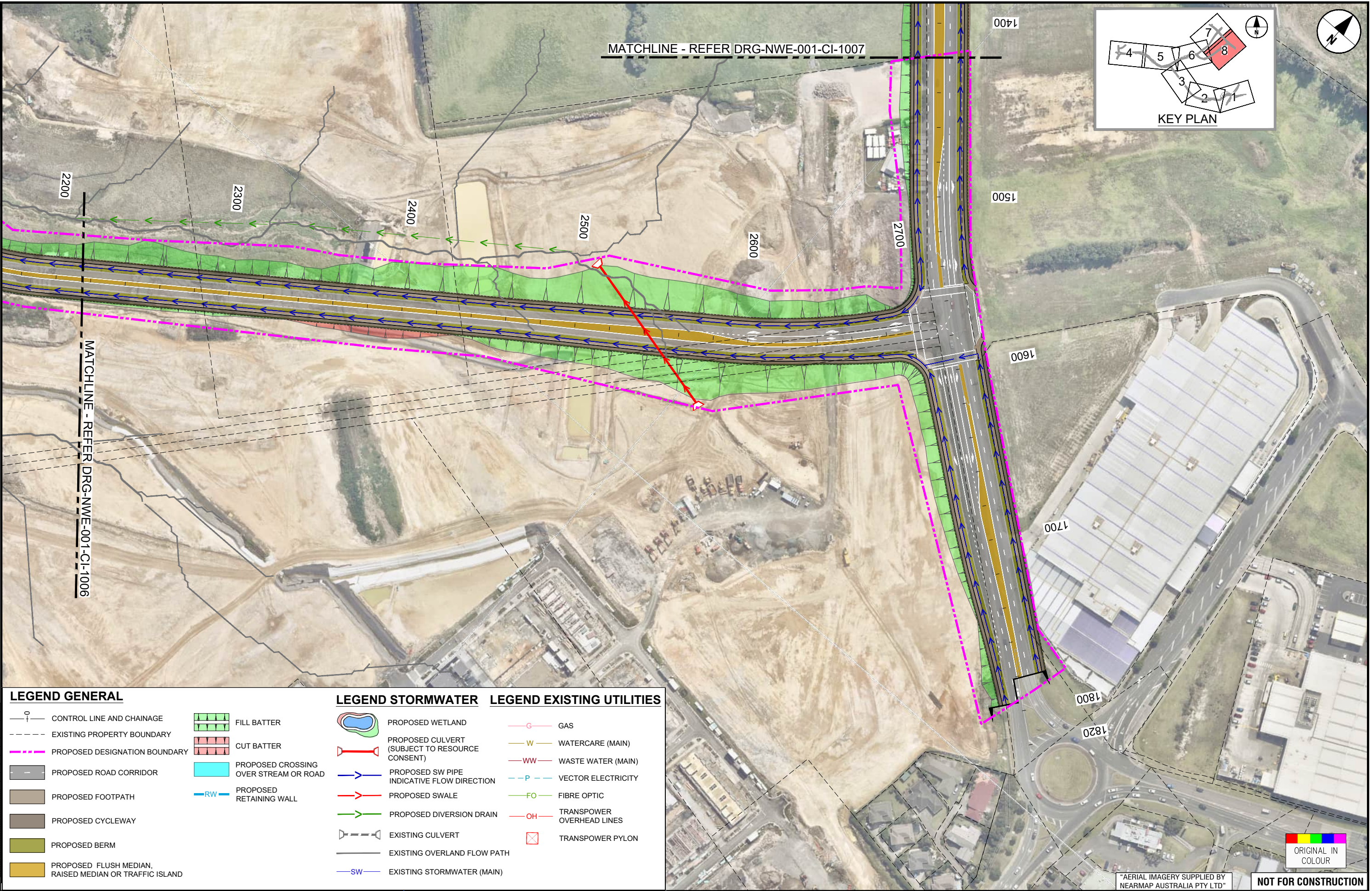
REV	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	VDLT	DEC. 2022	DESIGN REVIEW	R. BROWN	28.08.2020
A	FOR DRAFT NOTICE OF REQUIREMENT	VDLT	SEPT. 2020	APPROVED	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 2A)
 Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
 SHEET 7 OF 8

Drawing Status: FOR LODGEMENT	
Drawing Date: 07.12.2022	
A1 Scales: 1:1000	A3 Scales: 1:2000
Discipline: CIVIL	
Drawing No: SGA-DRG-NWE-001-CI-1007	Revision: B

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ORIGINAL SIZE A1

LEGEND GENERAL

- CONTROL LINE AND CHAINAGE
- EXISTING PROPERTY 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 CROSSING OVER STREAM OR ROAD
- PROPOSED RETAINING WALL

LEGEND STORMWATER

- PROPOSED WETLAND
- PROPOSED CULVERT (SUBJECT TO RESOURCE CONSENT)
- PROPOSED SW PIPE INDICATIVE FLOW DIRECTION
- PROPOSED SWALE
- PROPOSED DIVERSION DRAIN
- EXISTING CULVERT
- EXISTING OVERLAND FLOW PATH
- EXISTING STORMWATER (MAIN)

LEGEND EXISTING UTILITIES

- GAS
- WATERCARE (MAIN)
- WASTE WATER (MAIN)
- VECTOR ELECTRICITY
- FIBRE OPTIC
- TRANSPOWER OVERHEAD LINES
- TRANSPOWER PYLON

ORIGINAL IN COLOUR

REV	ISSUED FOR NOTICE OF REQUIREMENT LODGEMENT	VDLT	DEC. 2022	DESIGN REVIEW	R. BROWN	28.08.2020
A	FOR DRAFT NOTICE OF REQUIREMENT	VDLT	SEPT. 2020	APPROVED	B. BUSNARDO	07.12.2022

SURVEYED	N/A	
DRAWN	V. DELA TORRE	28.08.2020
DRAWING CHECK	J. DELA TORRE	28.08.2020
DESIGN	D. De ALMEIDA	28.08.2020
DESIGN REVIEW	R. BROWN	28.08.2020
APPROVED	B. BUSNARDO	07.12.2022



SUPPORTING GROWTH PROGRAMME
NORTH WEST HIF REDHILLS (NoR 2B)
 Drawing Title: GENERAL ARRANGEMENT LAYOUT PLAN
 SHEET 8 OF 8

"AERIAL IMAGERY SUPPLIED BY NEARMAP AUSTRALIA PTY LTD"

NOT FOR CONSTRUCTION

Drawing Status: FOR LODGEMENT	
Drawing Date: 07.12.2022	
A1 Scale: 1:1000	A3 Scale: 1:2000
Discipline: CIVIL	
Drawing No: SGA-DRG-NWE-001-CI-1008	Revision: B