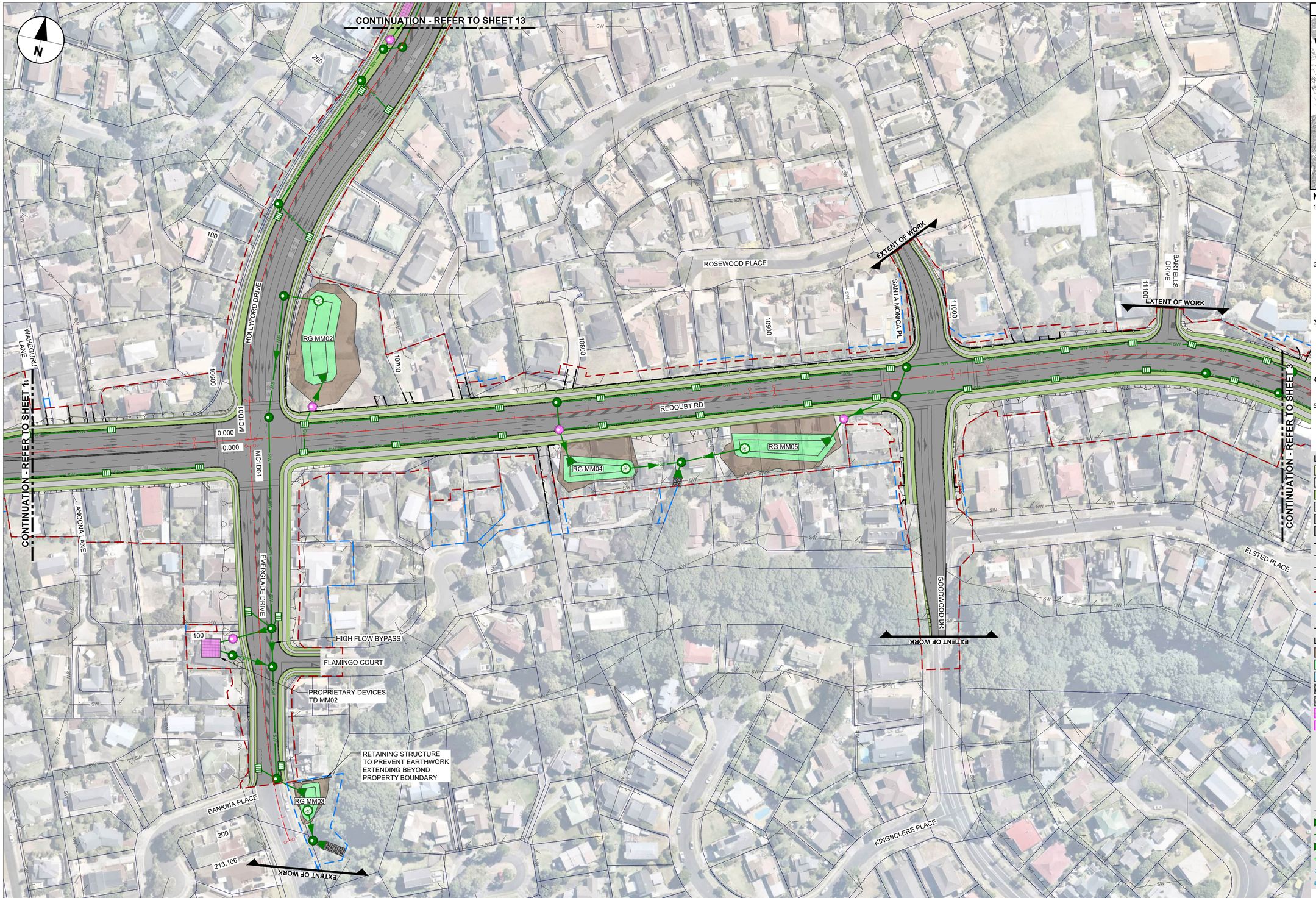
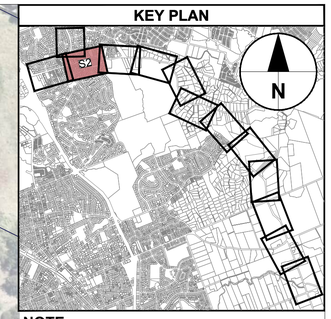
ISO A1 594mm x 841mm





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LEGEND: Road Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED BERM
- PROPOSED FOOTPATH / SHARED USE PATH
- PROPOSED CARRIAGEWAY SURFACING
- PROPOSED BRIDGE STRUCTURE
- PROPOSED RETAINING WALL
- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED NOISE WALL

LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
- PROPOSED RAIN GARDEN
- PROPOSED WETLAND
- PROPOSED RIP-RAP
- PROPOSED STREAM EROSION PROTECTION
- PROPOSED TANK STORAGE
- PROPOSED PROPRIETARY FILTRATION DEV.
- PROPOSED STORMWATER GPT
- PROPOSED STORMWATER HEADWALL
- PROPOSED STORMWATER MANHOLE
- PROPOSED STORMWATER CP OR CPMH
- PROPOSED STORMWATER SCRUFFY DOME
- INDICATIVE STORMWATER FLOW ARROW
- EXISTING STORMWATER PIPE
- EXISTING STORMWATER CULVERT
- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER CULVERT
- PROPOSED STORMWATER SWALE
- PROPOSED STORMWATER OPEN DRAIN
- PROPOSED STREAM DIVERSION

DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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Filename: C:\PW\WORKING\AECOM_AU_NZ\DMS\60134\60755376-SHT-DR-0102.DWG

CONSULTANT

AECOM New Zealand Ltd
NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

SHEET TITLE

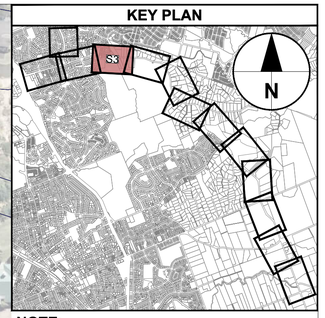
Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 2

SHEET NUMBER

60755376-SHT-DR-0102

ISO A1 594mm x 841mm





NOTE:

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LEGEND: Road Plan

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- PROPOSED FOOTPATH / SHARED USE PATH
- PROPOSED CARRIAGEWAY SURFACING
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- PROPOSED RETAINING WALL
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- PROPOSED WIRE-ROPE
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED NOISE WALL

LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
- PROPOSED RAIN GARDEN
- PROPOSED WETLAND
- PROPOSED RIP-RAP
- PROPOSED STREAM EROSION PROTECTION
- PROPOSED TANK STORAGE
- PROPOSED PROPRIETARY FILTRATION DEV.
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- PROPOSED STORMWATER MANHOLE
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- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER CULVERT
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- PROPOSED STORMWATER OPEN DRAIN
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DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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CONSULTANT

AECOM Beca

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NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

SHEET TITLE

Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 3

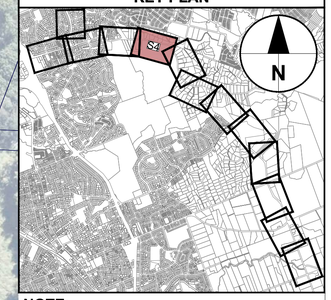
SHEET NUMBER

60755376-SHT-DR-0103

ISO A1 594mm x 841mm



KEY PLAN



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- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED NOISE WALL

LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
- PROPOSED RAIN GARDEN
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DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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CONSULTANT

AECOM Beca

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NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

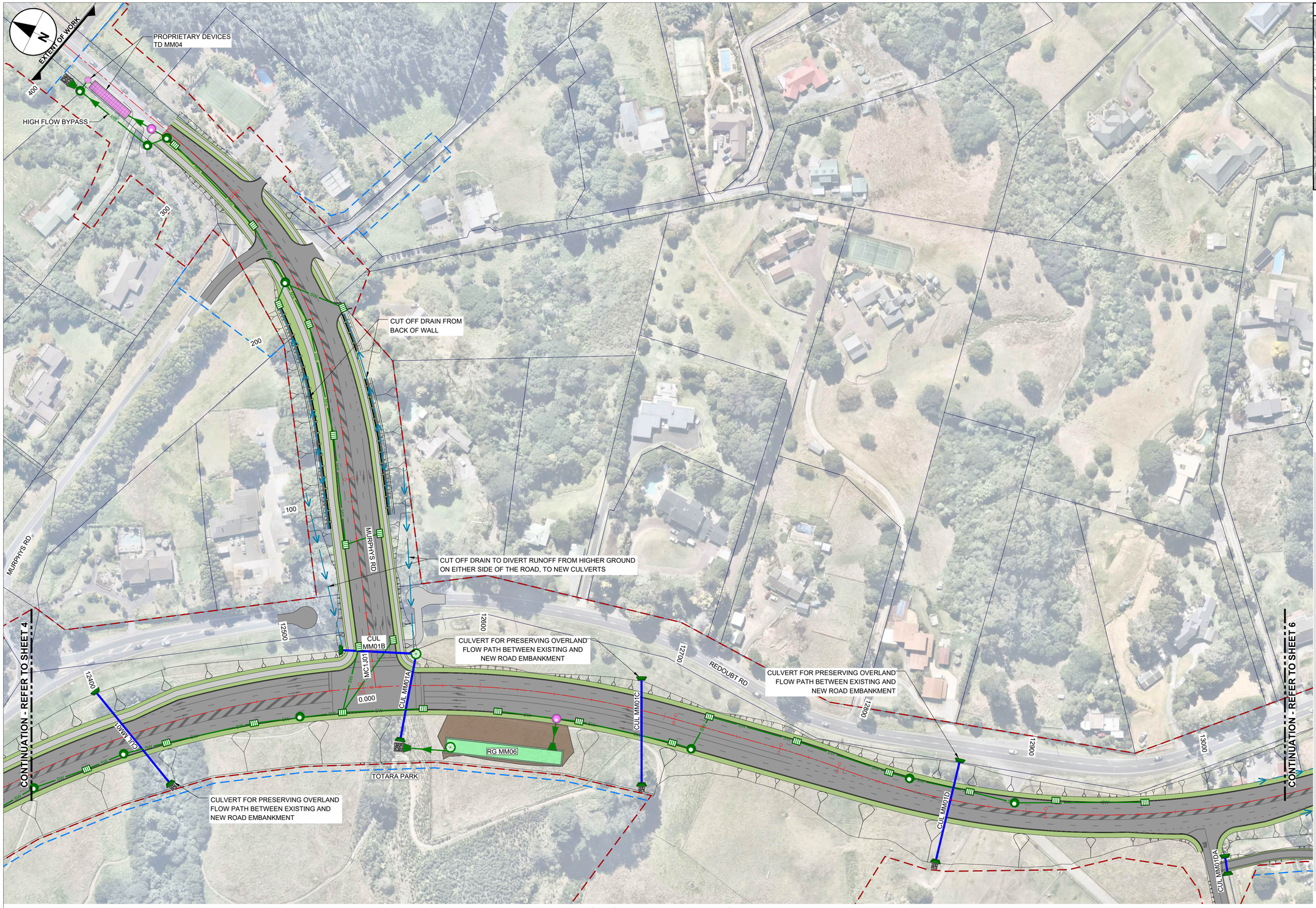
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Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 4

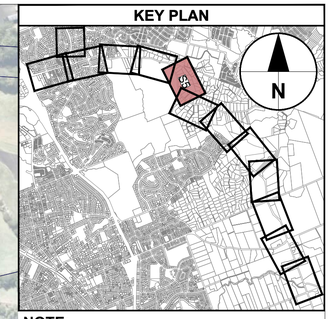
SHEET NUMBER

60755376-SHT-DR-0104

ISO A1 594mm x 841mm



KEY PLAN



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LEGEND: Road Plan

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- EXISTING FOOTPATH
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- PROPOSED FOOTPATH / SHARED USE PATH
- PROPOSED CARRIAGEWAY SURFACING
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- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- PROPOSED CIVIL DESIGN
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LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
- PROPOSED RAIN GARDEN
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- PROPOSED RIP-RAP
- PROPOSED STREAM EROSION PROTECTION
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- PROPOSED STREAM DIVERSION

DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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CONSULTANT

AECOM New Zealand Ltd
NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

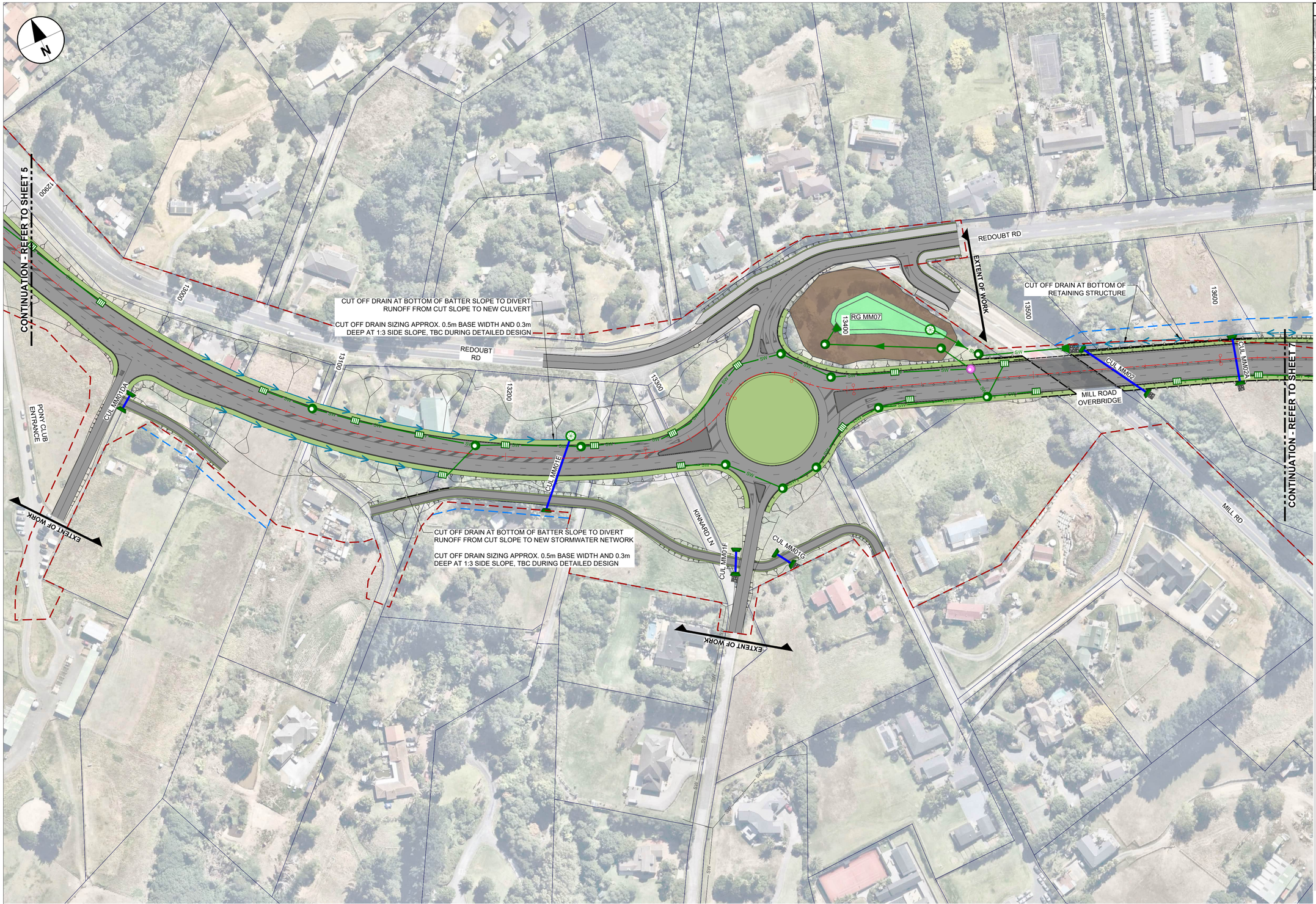
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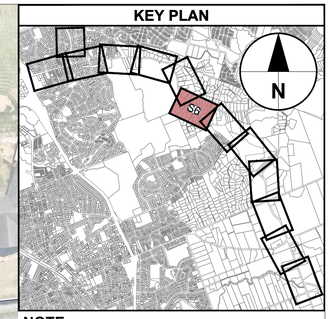
Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 5

SHEET NUMBER

60755376-SHT-DR-0105

ISO A1 594mm x 841mm





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LEGEND: Road Plan

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LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
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DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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CONSULTANT

AECOM New Zealand Ltd
NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

SHEET TITLE

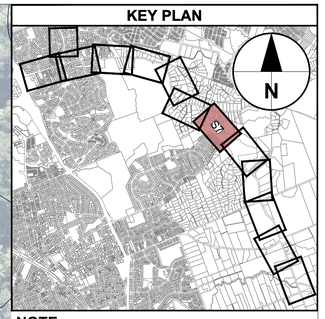
Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 6

SHEET NUMBER

60755376-SHT-DR-0106

ISO A1 594mm x 841mm





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LEGEND: Road Plan

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- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED NOISE WALL

LEGEND: Drainage General Arrangement

- PROPOSED EARTHWORKS
- PROPOSED RAIN GARDEN
- PROPOSED WETLAND
- PROPOSED RIP-RAP
- PROPOSED STREAM EROSION PROTECTION
- PROPOSED TANK STORAGE
- PROPOSED PROPRIETARY FILTRATION DEV.
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- PROPOSED STORMWATER CP OR CPMH
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- INDICATIVE STORMWATER FLOW ARROW
- EXISTING STORMWATER PIPE
- EXISTING STORMWATER CULVERT
- PROPOSED STORMWATER PIPE
- PROPOSED STORMWATER CULVERT
- PROPOSED STORMWATER SWALE
- PROPOSED STORMWATER OPEN DRAIN
- PROPOSED STREAM DIVERSION

DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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CONSULTANT

AECOM Beca

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NZ.B.N 9429032091335
www.aecom.com

CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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0	05.02.26	ISSUED FOR CONSENT

PROJECT NUMBER

60755376

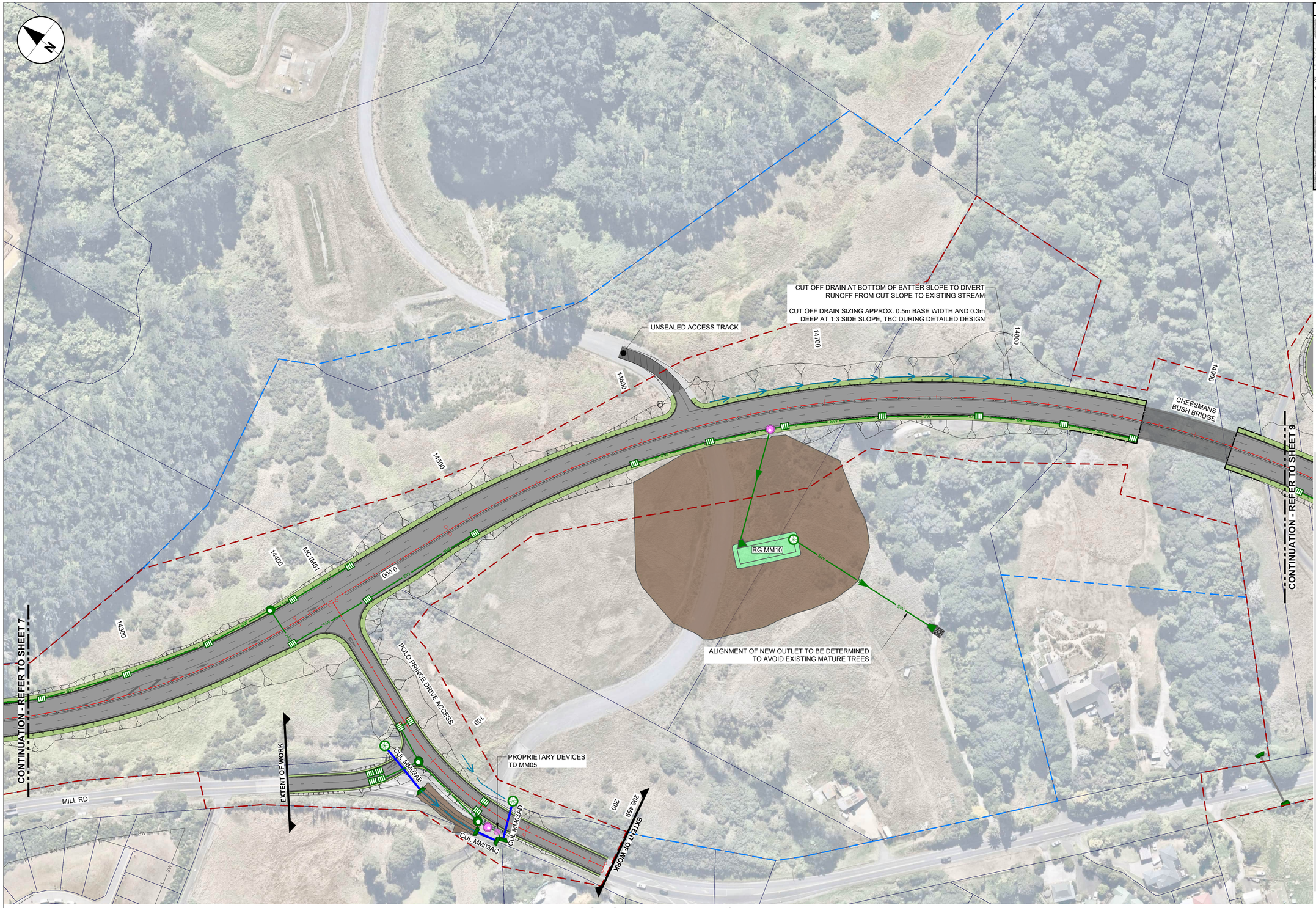
SHEET TITLE

Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 7

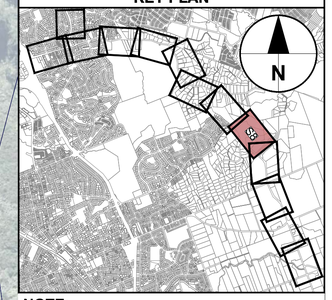
SHEET NUMBER

60755376-SHT-DR-0107

ISO A1 594mm x 841mm



KEY PLAN



NOTE:

1. THIS DESIGN HAS BEEN PREPARED FOR RESOURCE CONSENTING PURPOSES ONLY. SIZING OF ALL STORMWATER INFRASTRUCTURE IS INDICATIVE ONLY AND SUBJECT TO CHANGE IN DETAILED DESIGN INCLUDING IN RESPONSE TO GEOMETRIC CHANGES, CONFIRMED EXISTING SERVICES AND REFINEMENT TO INFRASTRUCTURE LOCATIONS.
2. PRIMARY DRAINAGE – RUNOFF IN URBAN AREAS IS CAPTURED IN CATCHPITS WITH KERBS ON EITHER SIDE OF THE ROAD CORRIDOR AND TREATED VIA GPTS (SUCH AS VORTCAPTURE OR CASCADE SEPARATOR) BEFORE DISCHARGE TO TREATMENT SYSTEMS. PRIMARY DRAINAGE SYSTEM GENERALLY IN ACCORDANCE WITH NZTA P46 AND ACSCOP.
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LEGEND: Road Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED BERM
- PROPOSED FOOTPATH / SHARED USE PATH
- PROPOSED CARRIAGEWAY SURFACING
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DRAINAGE GENERAL ARRANGEMENT

Scale 1:1000m @ A1

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Mill Road – Stage 1
Consenting Design
Roads of National Significance

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FOR CONSENT

SCALE

0 25 50 m
1:1000

PROJECT MANAGEMENT INITIALS

JL	DSP	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

1	30.06.26	ISSUED FOR CONSENT
0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

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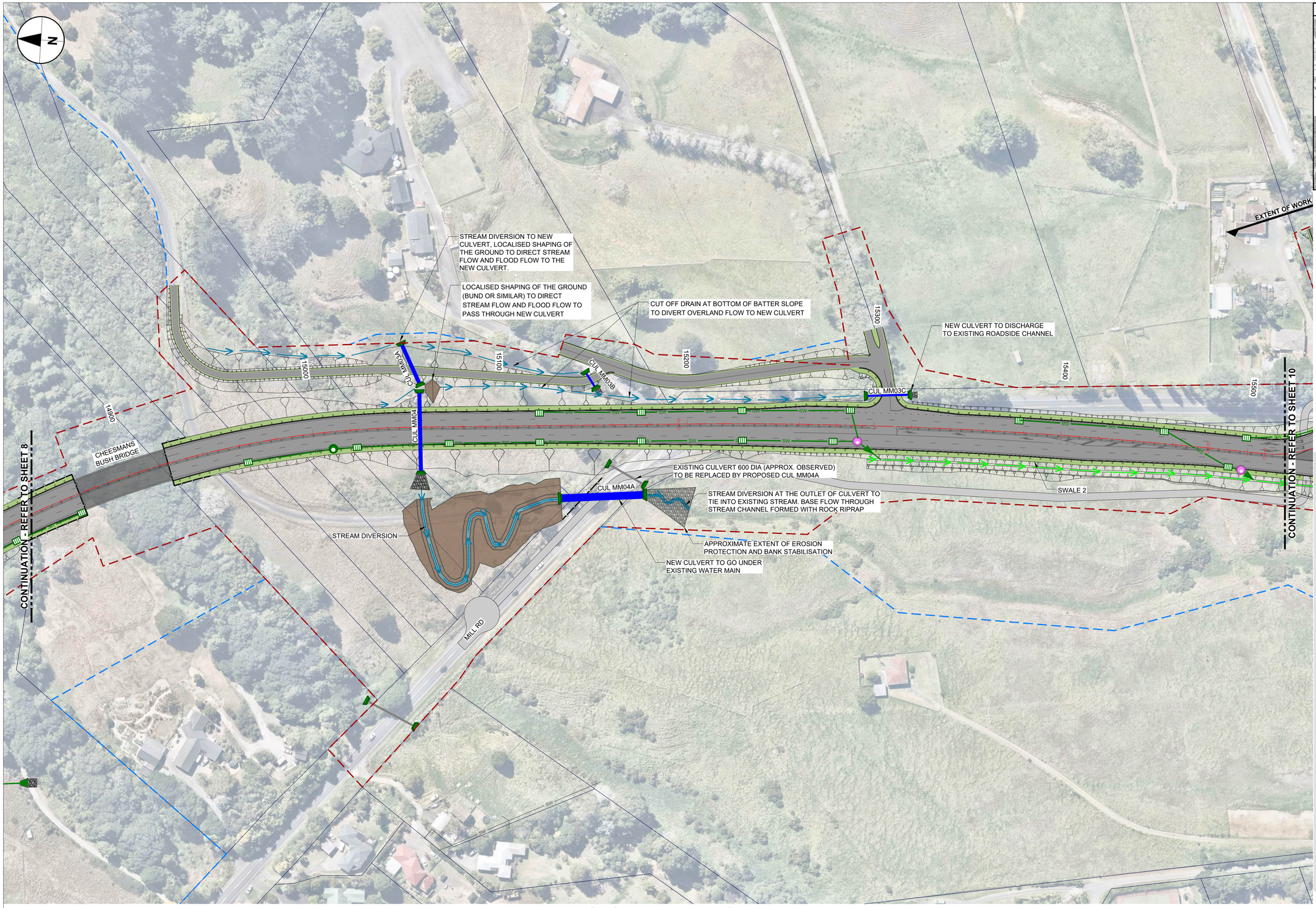
Mill Road RoNS Stage 1 FTA
Drainage General Arrangement
Sheet 8

SHEET NUMBER

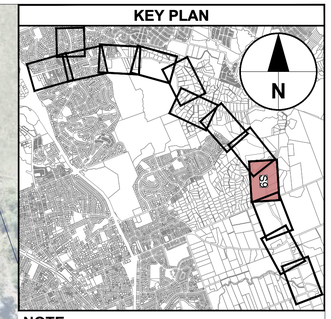
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ISO A1 594mm x 841mm



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DRAINAGE GENERAL ARRANGEMENT

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CONSULTANT

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SHEET TITLE

Mill Road RoNS Stage 1 FTA
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Sheet 9

SHEET NUMBER

60755376-SHT-DR-0109