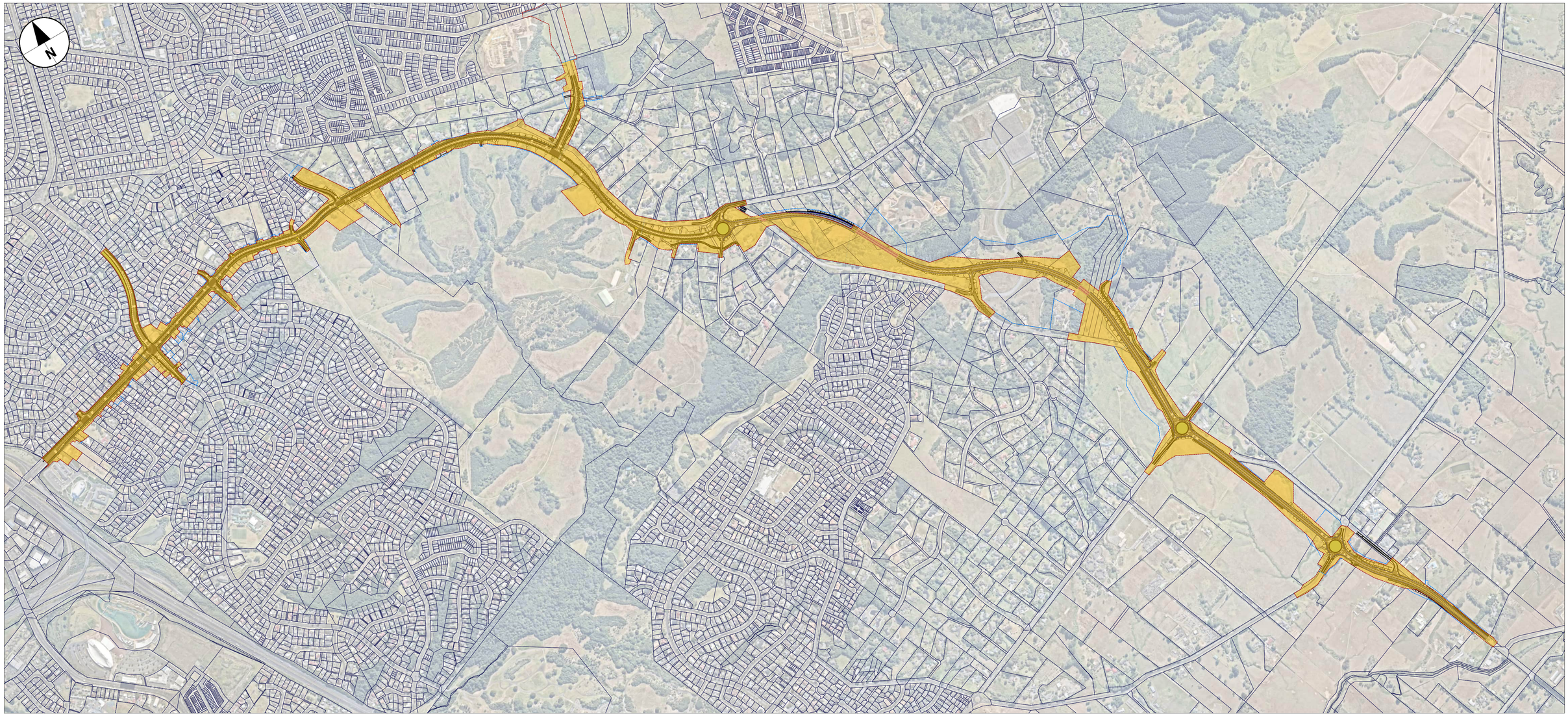
Mill Road RoNS

Stage 1

Consenting Design



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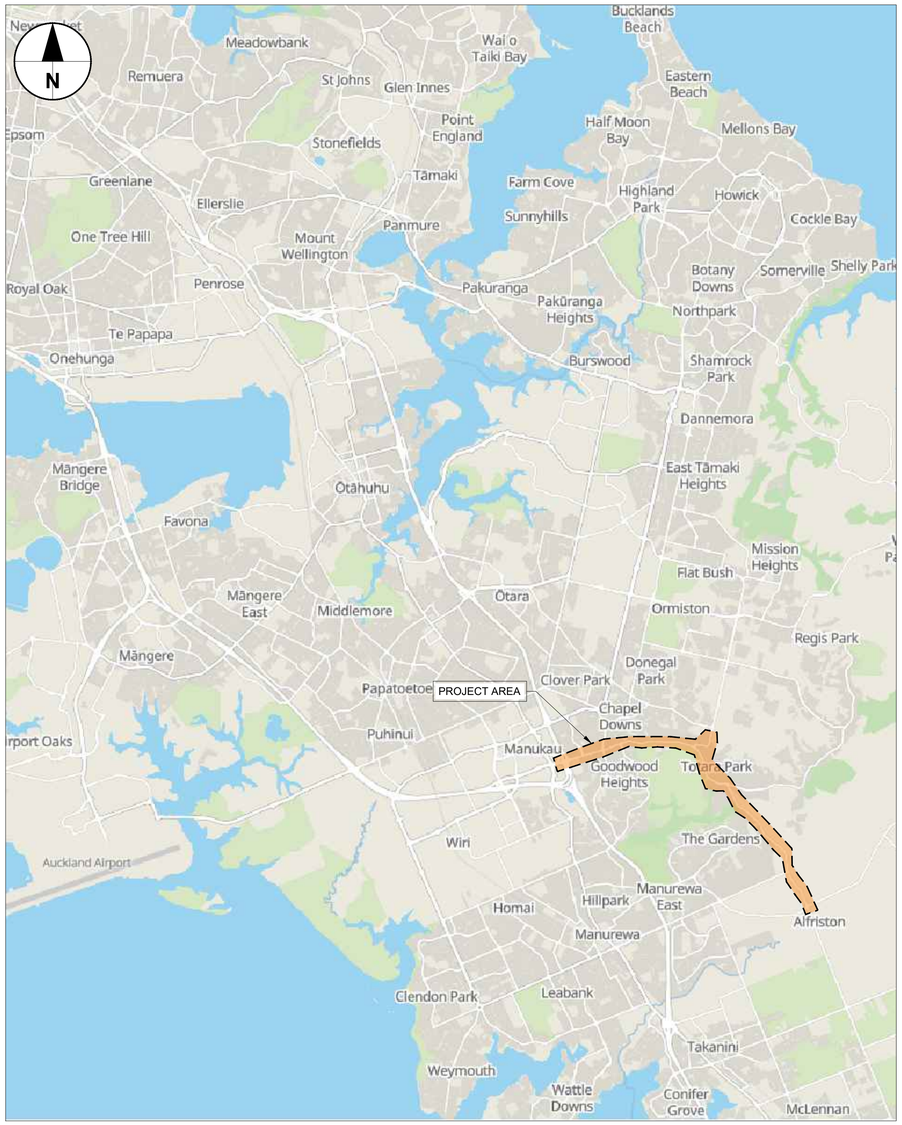
PROJECT NUMBER
60755376

SHEET NUMBER
60755376-SHT-GE-0001

SHEET TITLE
Mill Road RoNS Stage 1 FTA Coversheet

SCALE
0 200 400 m
1:8000

ISO A1 594mm x 841mm



LOCALITY PLAN

Drawing No.	Title
60755376-SHT-GE-0001	Mill Road RoNS Stage 1 FTA Coversheet
60755376-SHT-GE-0002	Mill Road RoNS Stage 1 FTA Drawing Index And Locality Plan
60755376-SHT-GE-0010	Mill Road RoNS Stage 1 FTA Civil Overview
60755376-SHT-GE-0011	Mill Road RoNS Stage 1 FTA Notice Of Requirement Overview Plan
60755376-SHT-CI-0100	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet Layout Plan
60755376-SHT-CI-0101	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 1
60755376-SHT-CI-0102	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 2
60755376-SHT-CI-0103	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 3
60755376-SHT-CI-0104	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 4
60755376-SHT-CI-0105	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 5
60755376-SHT-CI-0106	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 6
60755376-SHT-CI-0107	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 7
60755376-SHT-CI-0108	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 8
60755376-SHT-CI-0109	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 9
60755376-SHT-CI-0110	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 10
60755376-SHT-CI-0111	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 11
60755376-SHT-CI-0112	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 12
60755376-SHT-CI-0113	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 13
60755376-SHT-CI-0114	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 14
60755376-SHT-CI-0115	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 15
60755376-SHT-CI-0116	Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 16
60755376-SHT-CI-0301	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 1
60755376-SHT-CI-0302	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 2
60755376-SHT-CI-0303	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 3
60755376-SHT-CI-0304	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 4
60755376-SHT-CI-0305	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 5
60755376-SHT-CI-0306	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 6
60755376-SHT-CI-0307	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 7
60755376-SHT-CI-0308	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 8
60755376-SHT-CI-0309	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 9
60755376-SHT-CI-0310	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 10
60755376-SHT-CI-0311	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 11
60755376-SHT-CI-0312	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 12
60755376-SHT-CI-0313	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 13
60755376-SHT-CI-0314	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 14
60755376-SHT-CI-0315	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 15
60755376-SHT-CI-0316	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 16
60755376-SHT-CI-0317	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 17
60755376-SHT-CI-0318	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 18
60755376-SHT-CI-0319	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 19
60755376-SHT-CI-0320	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 20
60755376-SHT-CI-0321	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 21
60755376-SHT-CI-0322	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 22
60755376-SHT-CI-0323	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 23
60755376-SHT-CI-0324	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 24
60755376-SHT-CI-0325	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 25
60755376-SHT-CI-0326	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 26
60755376-SHT-CI-0327	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 27
60755376-SHT-CI-0328	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 28
60755376-SHT-CI-0329	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 29
60755376-SHT-CI-0330	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 30
60755376-SHT-CI-0331	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 31
60755376-SHT-CI-0332	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 32
60755376-SHT-CI-0333	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 33
60755376-SHT-CI-0334	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 34
60755376-SHT-CI-0335	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 35
60755376-SHT-CI-0336	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 36
60755376-SHT-CI-0337	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 37
60755376-SHT-CI-0338	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 38
60755376-SHT-CI-0339	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 39
60755376-SHT-CI-0340	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 40
60755376-SHT-CI-0341	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 41
60755376-SHT-CI-0342	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 42
60755376-SHT-CI-0343	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 43
60755376-SHT-CI-0344	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 44
60755376-SHT-CI-0345	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 45
60755376-SHT-CI-0346	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 46
60755376-SHT-CI-0347	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 47
60755376-SHT-CI-0348	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 48
60755376-SHT-CI-0349	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 49
60755376-SHT-CI-0350	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 50
60755376-SHT-CI-0351	Mill Road RoNS Stage 1 FTA Cross Sections: MC1A01 Sheet 51
60755376-SHT-CI-0401	Mill Road RoNS Stage 1 FTA Typical Sections Urban - Sheet 1 Of 2
60755376-SHT-CI-0402	Mill Road RoNS Stage 1 FTA Typical Sections Urban - Sheet 2 Of 2
60755376-SHT-CI-0403	Mill Road RoNS Stage 1 FTA Typical Sections Peri-Urban - Sheet 1 Of 2
60755376-SHT-CI-0404	Mill Road RoNS Stage 1 FTA Typical Sections Peri-Urban - Sheet 2 Of 2
60755376-SHT-CI-0405	Mill Road RoNS Stage 1 FTA Typical Sections Rural - Sheet 1 Of 1
60755376-SHT-RD-0100	Mill Road RoNS Stage 1 FTA Active Modes Provision Overview
60755376-SHT-RD-0101	Mill Road RoNS Stage 1 FTA Active Modes Provision Sheet 1
60755376-SHT-RD-0102	Mill Road RoNS Stage 1 FTA Active Modes Provision Sheet 2
60755376-SHT-RD-0103	Mill Road RoNS Stage 1 FTA Active Modes Provision Sheet 3
60755376-SHT-RD-0104	Mill Road RoNS Stage 1 FTA Active Modes Provision Sheet 4
60755376-SHT-RD-0401	Mill Road RoNS Stage 1 FTA Active Modes Provision Typical Sections
60755376-SHT-RW-0501	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 1 Of 6
60755376-SHT-RW-0502	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 2 Of 6
60755376-SHT-RW-0503	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 3 Of 6
60755376-SHT-RW-0504	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 4 Of 6
60755376-SHT-RW-0505	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 5 Of 6
60755376-SHT-RW-0506	Mill Road RoNS Stage 1 FTA Retaining Wall Details Sheet 6 Of 6
60755376-SHT-CI-0501	Mill Road RoNS Stage 1 FTA Bridge Plan & Detail Mill Road Overbridge
60755376-SHT-CI-0502	Mill Road RoNS Stage 1 FTA Bridge Typical Section Mill Road Overbridge
60755376-SHT-CI-0503	Mill Road RoNS Stage 1 FTA Bridge Plan & Detail Puhinui Creek Bridge
60755376-SHT-CI-0504	Mill Road RoNS Stage 1 FTA Bridge Typical Section Puhinui Creek Bridge
60755376-SHT-CI-0505	Mill Road RoNS Stage 1 FTA Bridge Plan & Detail Cheesmans Bush Bridge
60755376-SHT-CI-0506	Mill Road RoNS Stage 1 FTA Bridge Typical Section Cheesmans Bush Bridge
60755376-SHT-DR-0100	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet Layout Plan
60755376-SHT-DR-0101	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 1
60755376-SHT-DR-0102	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 2
60755376-SHT-DR-0103	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 3
60755376-SHT-DR-0104	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 4
60755376-SHT-DR-0105	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 5
60755376-SHT-DR-0106	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 6
60755376-SHT-DR-0107	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 7
60755376-SHT-DR-0108	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 8
60755376-SHT-DR-0109	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 9
60755376-SHT-DR-0110	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 10
60755376-SHT-DR-0111	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 11
60755376-SHT-DR-0112	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 12
60755376-SHT-DR-0113	Mill Road RoNS Stage 1 FTA Drainage General Arrangement Sheet 13
60755376-SHT-DR-0501	Mill Road RoNS Stage 1 FTA Typical Details - Wetland 1 Plan and Sections
60755376-SHT-DR-0502	Mill Road RoNS Stage 1 FTA Typical Details - Rain Garden 1 Plan and Sections
60755376-SHT-DR-0503	Mill Road RoNS Stage 1 FTA Typical Details - Rain Garden Detail and Schedule
60755376-SHT-DR-0504	Mill Road RoNS Stage 1 FTA Typical Details - Swales And Stream Channel
60755376-SHT-DR-0505	Mill Road RoNS Stage 1 FTA Typical Details - Culvert With Embedded Fish Passage
60755376-SHT-DR-0506	Mill Road RoNS Stage 1 FTA Typical Details - Culvert With Baffles
60755376-SHT-DR-0507	Mill Road RoNS Stage 1 FTA Typical Details - Culvert Outfalls
60755376-SHT-DR-0508	Mill Road RoNS Stage 1 FTA Typical Details - Culvert And Schedule
60755376-SHT-UT-0100	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet Layout Plan
60755376-SHT-UT-0101	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 1
60755376-SHT-UT-0102	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 2
60755376-SHT-UT-0103	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 3
60755376-SHT-UT-0104	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 4
60755376-SHT-UT-0105	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 5
60755376-SHT-UT-0106	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 6
60755376-SHT-UT-0107	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 7
60755376-SHT-UT-0108	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 8
60755376-SHT-UT-0109	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 9
60755376-SHT-UT-0110	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 10
60755376-SHT-UT-0111	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 11
60755376-SHT-UT-0112	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 12
60755376-SHT-UT-0113	Mill Road RoNS Stage 1 FTA Existing Services Plan Sheet 13
60755376-SHT-NW-0101	Mill Road RoNS Stage 1 FTA Noise Wall Plan Sheet 1

STAGE 1 CONSENTING DESIGN DRAWING INDEX

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CONSULTANT

AECOM Beca

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

PROJECT MANAGEMENT INITIALS

MB	AR	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

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

PROJECT NUMBER

60755376

SHEET TITLE

Mill Road RoNS Stage 1 FTA
Drawing Index
And Locality Plan

SHEET NUMBER

60755376-SHT-GE-0002

ISO A1 594mm x 841mm



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CONSULTANT

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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

N.T.S.

PROJECT MANAGEMENT INITIALS

AB	AR	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

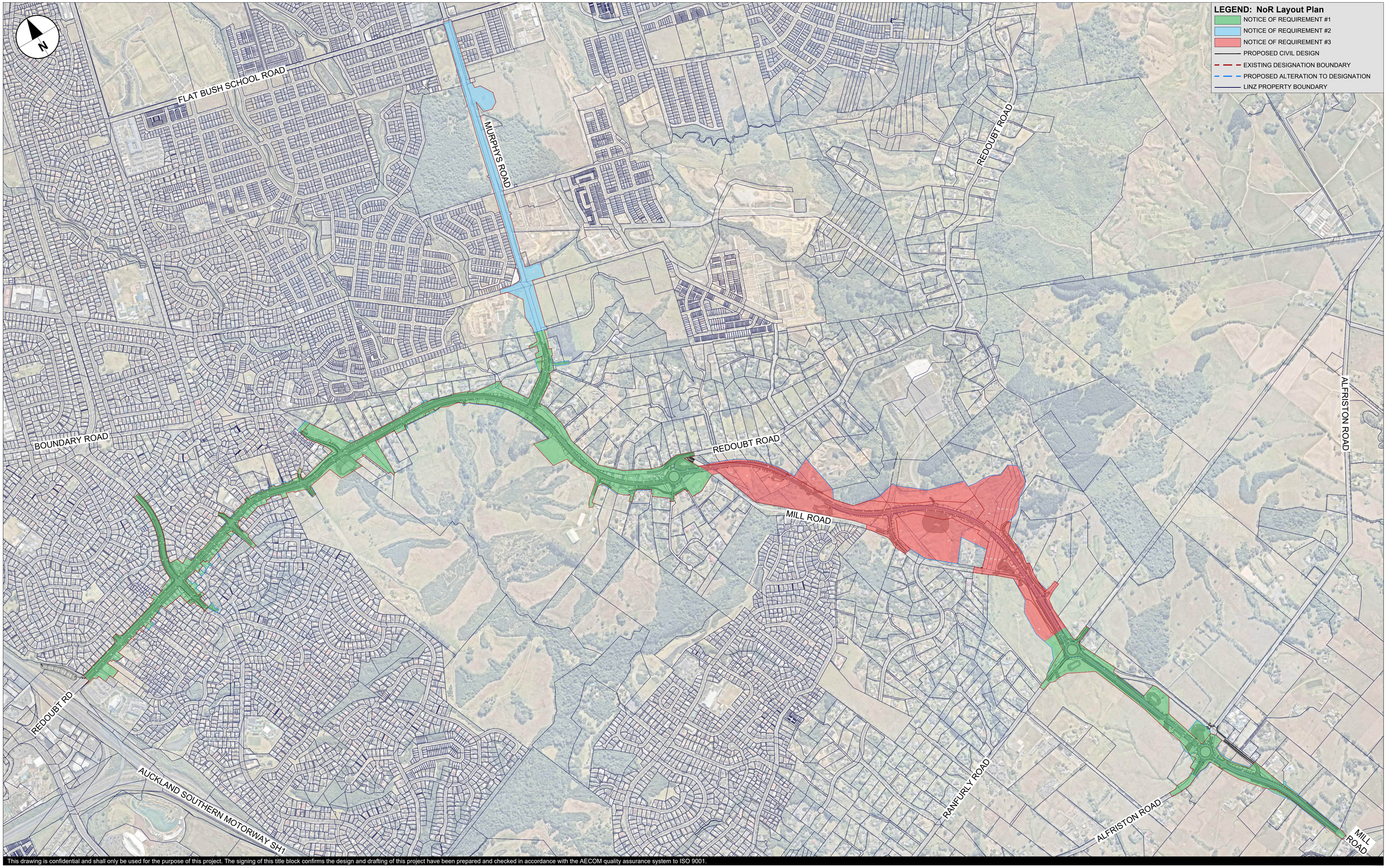
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Mill Road RoNS Stage 1 FTA
Civil Overview

SHEET NUMBER

60755376-SHT-GE-0010

ISO A1 594mm x 841mm



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CONSULTANT

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CLIENT

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PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 200 400 m
1:8000

PROJECT MANAGEMENT INITIALS

AB	AR	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

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0	05.02.26	ISSUED FOR CONSENT
I/R	DATE	DESCRIPTION

PROJECT NUMBER

60755376

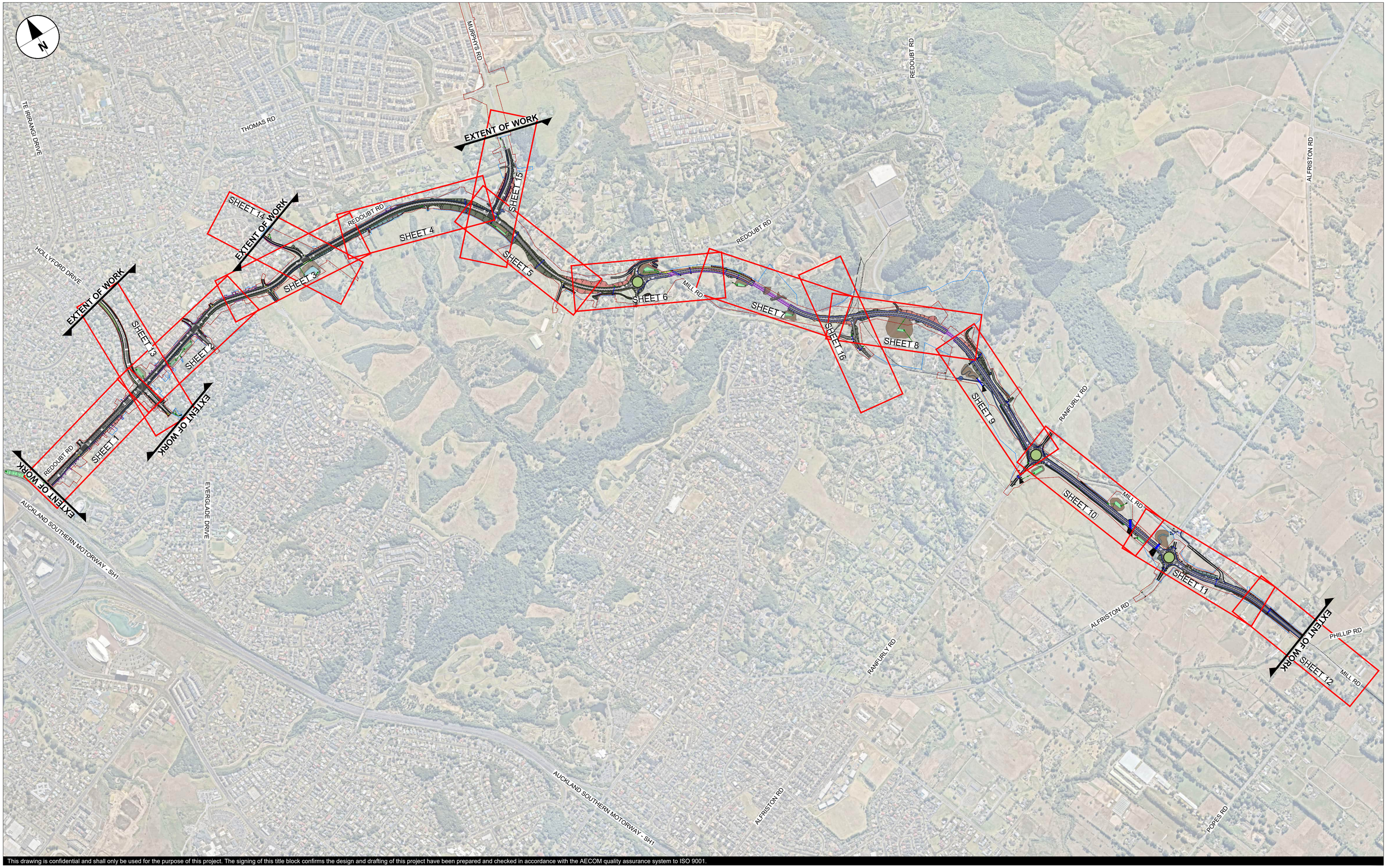
SHEET TITLE

Mill Road RoNS Stage 1 FTA
Notice Of Requirement
Overview Plan

SHEET NUMBER

60755376-SHT-GE-0011

ISO A1 594mm x 841mm



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CONSULTANT

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CLIENT

NZ TRANSPORT AGENCY WAKA KOTAHI

PROJECT

Mill Road – Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

N.T.S.

PROJECT MANAGEMENT INITIALS

AB	AR	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

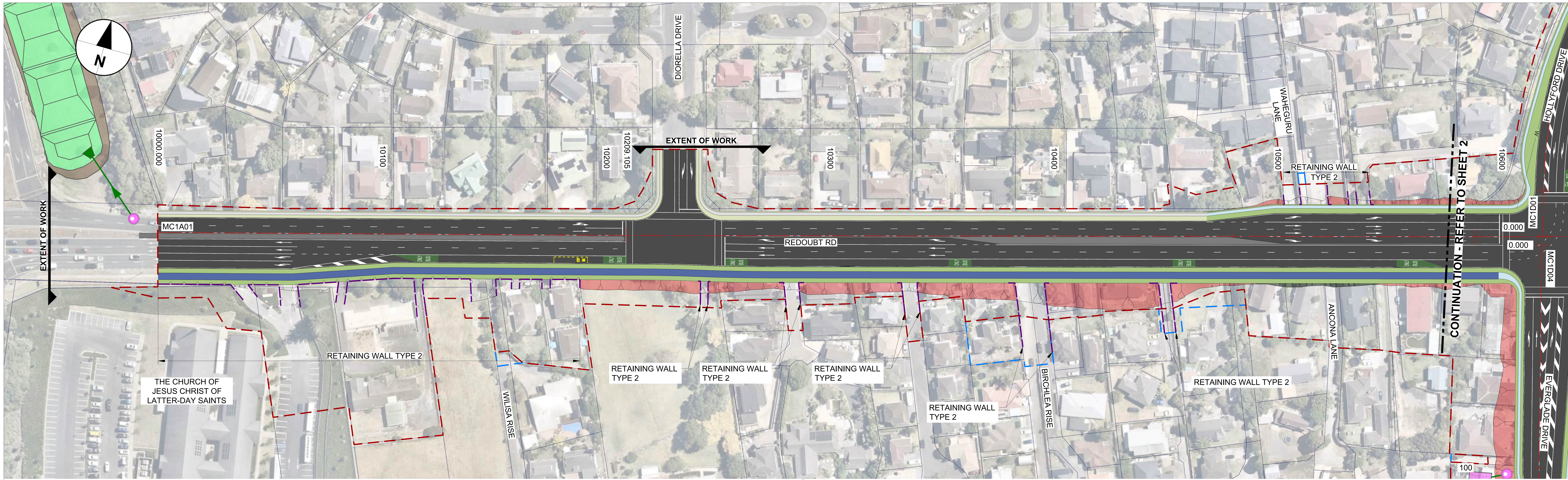
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Mill Road RoNS Stage 1 FTA
General Arrangement & Long Section
Sheet Layout Plan

SHEET NUMBER

60755376-SHT-CI-0100

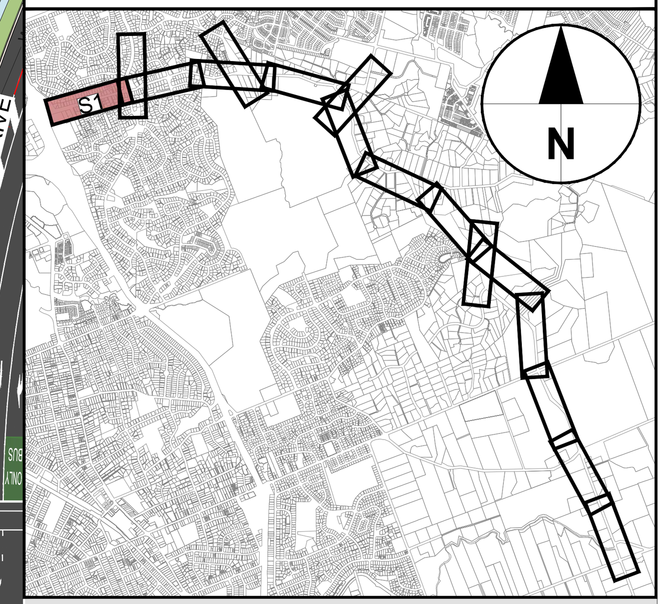
ISO A1 594mm x 841mm



PLAN: MC1A01

Scale 1:1000m @ A1

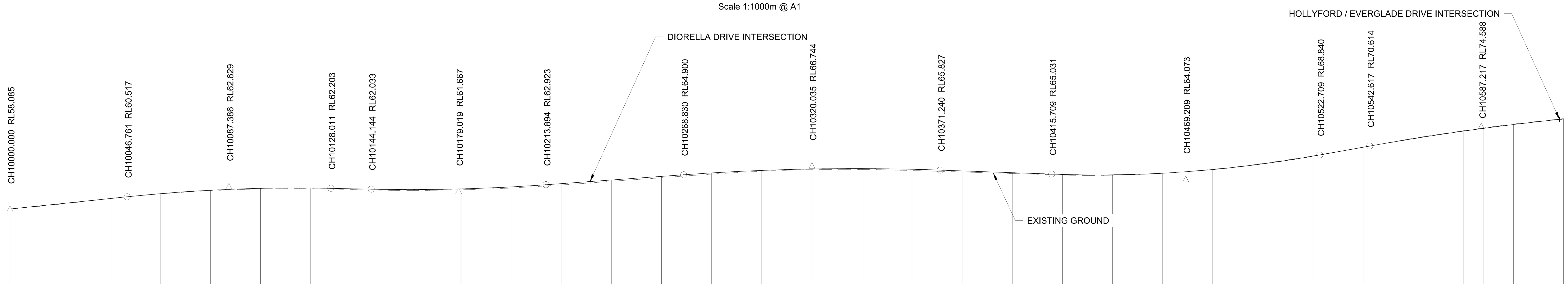
KEY PLAN



LEGEND: G.A. & Long Section Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED RAISED MEDIAN / TRAFFIC ISLAND
- PROPOSED CARRIAGEWAY SURFACING
- PROPOSED FOOTPATH
- PROPOSED SHARED USE PATH
- PROPOSED BERM
- PROPOSED WETLAND
- PROPOSED RIP-RAP
- PROPOSED STORMWATER TREATMENT DEV.
- PROPOSED STORMWATER RAIN GARDEN
- PROPOSED BRIDGE STRUCTURE
- PROPOSED LINEMARKING
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL
- PROPOSED STORMWATER CULVERT
- EXISTING STORMWATER CULVERT
- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- EXISTING WATERCARE UTILITY LINE
- PROPOSED STORMWATER HEADWALL
- PROPOSED STORMWATER PIPE
- PROPOSED STREAM DIVERSION
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED EARTHWORKS: CUT
- PROPOSED EARTHWORKS: FILL
- PROPOSED EARTHWORKS: SWALE
- PROPOSED NOISE WALL

GENERAL NOTE:
DRAWINGS PREPARED FOR ALTERATION TO DESIGNATION AND RESOURCE CONSENT - NOT TO BE ISSUED FOR CONSTRUCTION.



DESIGN LEVELS	58.085	59.125	60.165	61.138	61.820	62.195	62.262	62.077	61.951	62.085	62.487	63.142	63.862	64.582	65.270	65.767	66.053	66.129	65.995	65.670	65.312	64.963	64.891	65.219	65.947	67.075	68.603	70.381	72.087	73.595	74.141	74.904	76.012
EXISTING LEVELS	58.107	59.039	60.162	61.095	61.735	62.072	62.148	61.902	61.779	61.913	62.267	62.874	63.608	64.315	65.031	65.608	65.918	65.962	65.745	65.462	65.151	64.848	64.818	65.193	65.996	67.150	68.656	70.381	72.146	73.675	74.222	75.005	76.079
CHAINAGES	10000.000	10020.000	10040.000	10060.000	10080.000	10100.000	10120.000	10140.000	10160.000	10180.000	10200.000	10220.000	10240.000	10260.000	10280.000	10300.000	10320.000	10340.000	10360.000	10380.000	10400.000	10420.000	10440.000	10460.000	10480.000	10500.000	10520.000	10540.000	10560.000	10580.000	10587.969	10600.000	10620.000

VERT. GEOMETRY: 5.200% | L=81.250 K13.000 | -1.050% | L=69.750 K15.000 | 3.600% | L=102.410 K19.000 | -1.790% | L=107.000 K10.000 | 8.910% | L=89.200 K20.000

HORIZ. GEOMETRY: L=209.105 | L=378.864 | R=-5000.000

SUPERELEVATION: 10000.000 | LHS & RHS -3.00% | 10620.000

LONGITUDINAL SECTION - MC1A01

Scale 1:1000m Horizontal, 1:500m Vertical @ 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 ; 0 25 50 m, 0 12.5 25 ; H=1:1000 V=1:500

PROJECT MANAGEMENT INITIALS

AB	AR	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

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

PROJECT NUMBER

60755376

SHEET TITLE

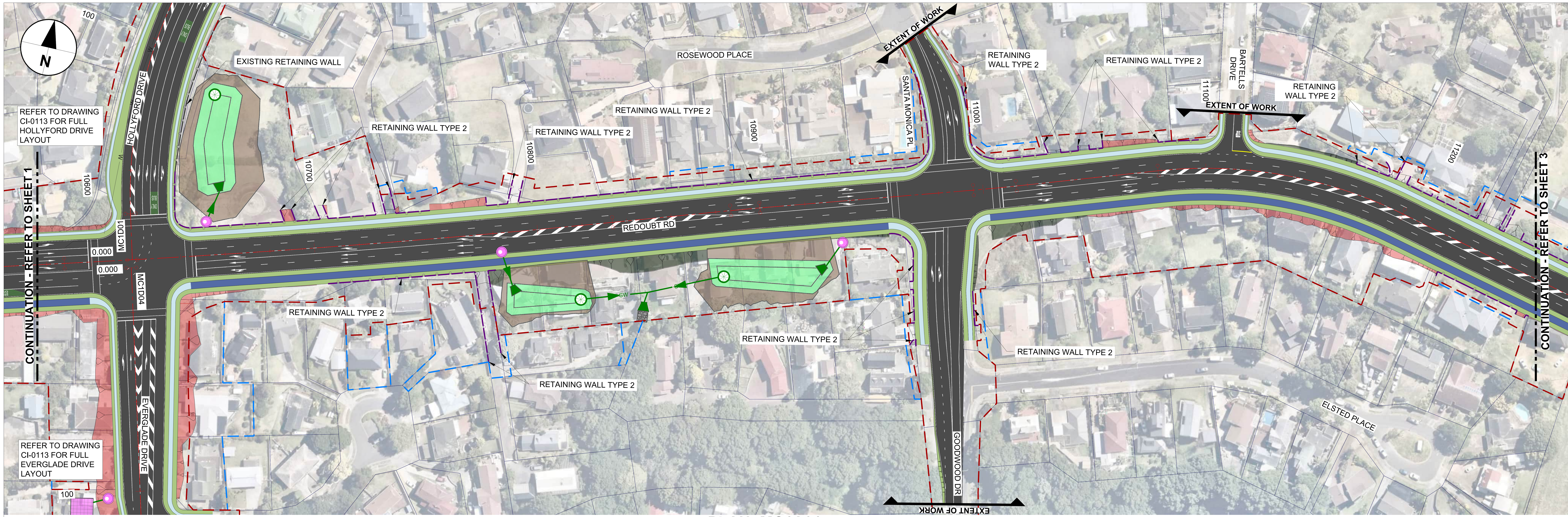
Mill Road RoNS Stage 1 FTA
General Arrangement & Long Section
Sheet 1

SHEET NUMBER

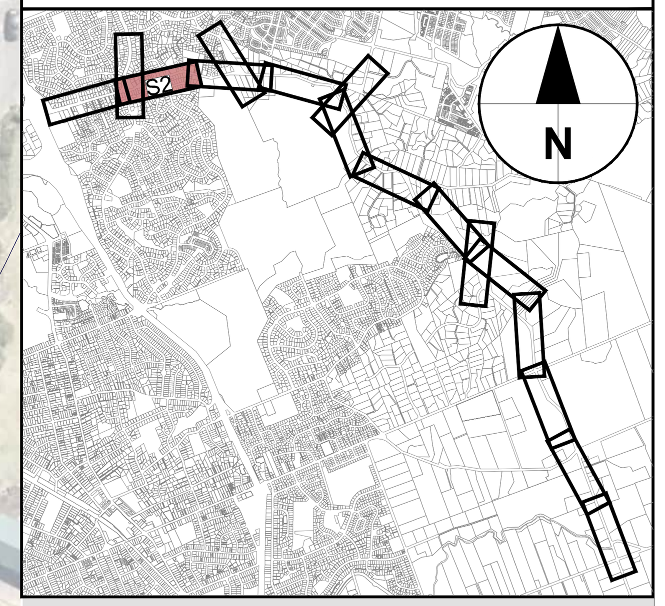
60755376-SHT-CI-0101

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ISO A1 594mm x 841mm



KEY PLAN



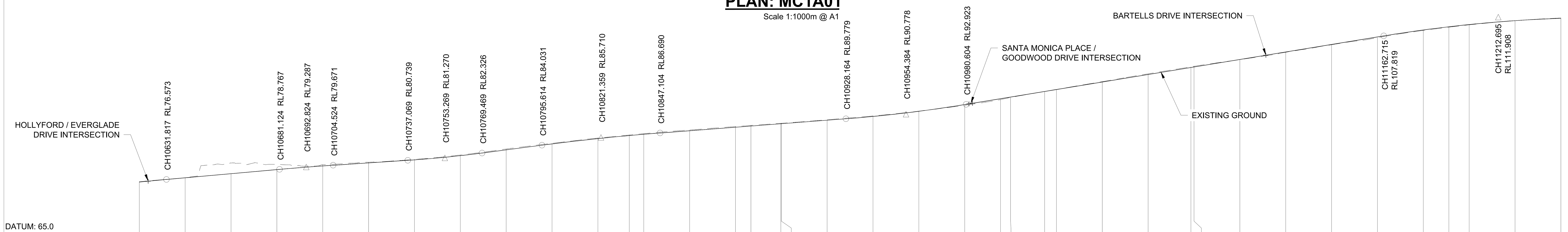
LEGEND: G.A. & Long Section Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED RAISED MEDIAN / TRAFFIC ISLAND
- PROPOSED CARRIAGEWAY SURFACING
- PROPOSED FOOTPATH
- PROPOSED SHARED USE PATH
- PROPOSED BERM
- PROPOSED WETLAND
- PROPOSED RIP-RAP
- PROPOSED STORMWATER TREATMENT DEV.
- PROPOSED STORMWATER RAIN GARDEN
- PROPOSED BRIDGE STRUCTURE
- PROPOSED LINEMARKING
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL
- PROPOSED STORMWATER CULVERT
- EXISTING STORMWATER CULVERT
- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
- EXISTING WATERCARE UTILITY LINE
- PROPOSED STORMWATER HEADWALL
- PROPOSED STORMWATER PIPE
- PROPOSED STREAM DIVERSION
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED EARTHWORKS: CUT
- PROPOSED EARTHWORKS: FILL
- PROPOSED EARTHWORKS: SWALE
- PROPOSED NOISE WALL

GENERAL NOTE:
DRAWINGS PREPARED FOR ALTERATION TO DESIGNATION AND RESOURCE CONSENT - NOT TO BE ISSUED FOR CONSTRUCTION.

PLAN: MC1A01

Scale 1:1000m @ A1



CHAINAGES	DESIGN LEVELS	EXISTING LEVELS
10620.000	76.012	76.079
10640.000	76.937	76.922
10660.000	77.827	80.162
10680.000	78.717	79.859
10700.000	79.518	79.799
10720.000	80.179	80.335
10740.000	80.839	80.947
10760.000	81.754	81.891
10780.000	83.013	83.204
10800.000	84.312	84.437
10820.000	85.464	85.584
10833.697	86.132	86.253
10840.000	86.406	86.553
10860.000	87.182	87.356
10880.000	87.944	88.092
10886.760	88.201	88.332
10899.810	88.698	88.805
10900.000	88.706	88.812
10920.000	89.468	89.573
10940.000	90.288	90.409
10960.000	91.414	91.449
10980.000	92.873	92.713
10995.614	94.150	93.955
11000.000	94.509	94.418
11014.846	95.724	95.730
11020.000	96.145	96.167
11040.000	97.781	97.868
11060.000	99.417	99.571
11078.648	100.943	101.098
11080.000	101.053	101.205
11100.000	102.689	102.664
11120.000	104.325	104.252
11140.000	105.961	105.888
11160.000	107.597	107.442
11180.000	109.109	109.003
11191.148	109.808	109.715
11200.000	110.290	110.223
11220.000	111.138	111.129
11240.000	111.652	111.714

VERT. GEOMETRY: L=89.200 K20.000 | 4.450% | L=23.400 K20.000 | 3.280% | L=32.400 K10.000 | 6.520% | L=51.490 K19.000 | 3.810% | L=52.440 K12.000 | 8.180% | L=99.960 K12.000

HORIZ. GEOMETRY: R=-5000.000 | L=53.063 | R=800.000 | L=95.804 | R=-800.000 | L=63.801 | R=200.000 | L=168.019

SUPERELEVATION: 10620.000 | LHS & RHS -3.00% | 11048.648 | 11068.648 | 11088.648 | LHS 3.00% / RHS -3.00% | 11181.148 | 11201.148 | 11221.148 | 11240.000 | LHS & RHS -3.00%

LONGITUDINAL SECTION - MC1A01

Scale 1:1000m Horizontal, 1:500m Vertical @ A1

Last saved by: MARK.BRADLEY21(2026-06-29) Last Plotted: 2026-06-29
Filename: C:\PWWORKING\AECOM_AU_NZ\DMS08134\60755376-SHT-CI-0102.DWG

This drawing is confidential and shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the AECOM quality assurance system to ISO 9001.

CONSULTANT

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

CLIENT

PROJECT

Mill Road - Stage 1
Consenting Design
Roads of National Significance

REGISTRATION

FOR CONSENT

SCALE

0 25 50 m — 1:1000
0 12.5 25 — H=1:1000 V=1:500

PROJECT MANAGEMENT INITIALS

DESIGNER	CHECKED	APPROVED
S		

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

ISSUE/REVISION

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

PROJECT NUMBER

60755376

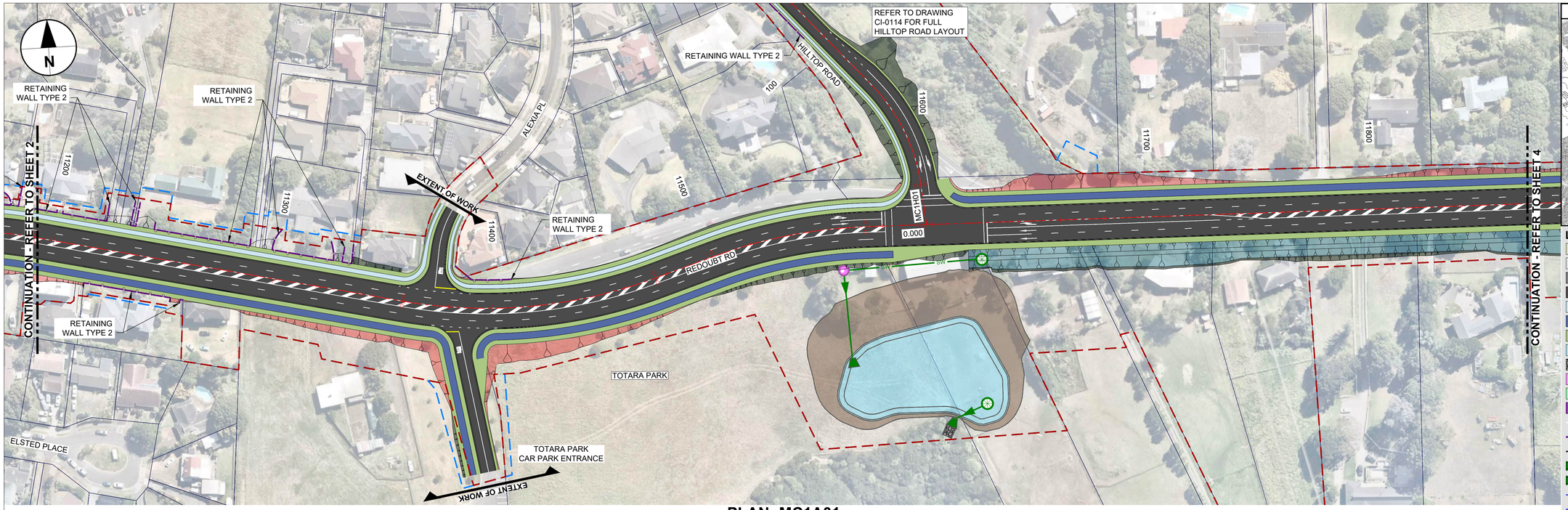
SHEET TITLE

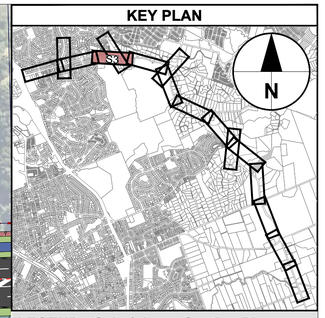
Mill Road RoNS Stage 1 FTA
General Arrangement & Long Section
Sheet 2

SHEET NUMBER

60755376-SHT-CI-0102

ISO A1 594mm x 841mm





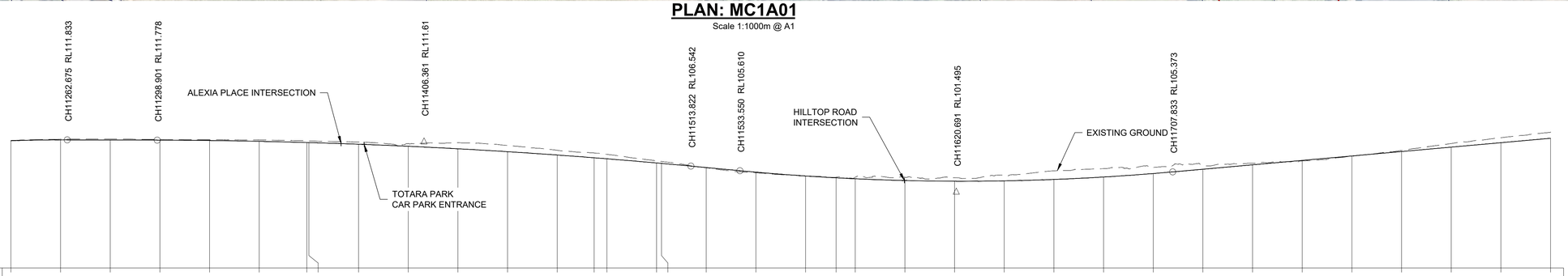
LEGEND: G.A. & Long Section Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED RAISED MEDIAN / TRAFFIC ISLAND
- PROPOSED CARRIAGEWAY SURFACING
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- PROPOSED BRIDGE STRUCTURE
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- PROPOSED STORMWATER CULVERT
- EXISTING STORMWATER CULVERT
- PROPOSED GUARDRAIL
- PROPOSED WIRE-ROPE
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- PROPOSED STORMWATER PIPE
- PROPOSED STREAM DIVERSION
- PROPOSED CIVIL DESIGN
- EXISTING DESIGNATION BOUNDARY
- PROPOSED ALTERATION TO DESIGNATION
- LINZ PROPERTY BOUNDARY
- PROPOSED EARTHWORKS: CUT
- PROPOSED EARTHWORKS: FILL
- PROPOSED EARTHWORKS: SWALE
- PROPOSED NOISE WALL

GENERAL NOTE:
DRAWINGS PREPARED FOR ALTERATION TO DESIGNATION AND RESOURCE CONSENT - NOT TO BE ISSUED FOR CONSTRUCTION.

PLAN: MC1A01

Scale 1:1000m @ A1



DATUM: 86.0

DESIGN LEVELS	111.652	111.834	111.807	111.777	111.699	111.537	111.302	111.290	110.957	110.539	110.037	109.449	108.776	108.221	108.018	107.174	107.086	106.250	105.317	104.545	104.175	103.984	103.634	103.494	103.565	103.846	104.338	105.040	105.914	106.804	107.694	108.584	109.474	110.364	111.254	112.144
EXISTING LEVELS	111.714	111.970	112.009	111.907	111.855	111.804	111.627	111.617	111.380	111.088	111.267	110.694	109.726	109.193	108.911	107.607	107.479	106.212	105.205	104.588	104.297	104.283	104.285	104.180	104.653	105.589	106.028	106.283	106.710	107.118	107.589	108.606	109.710	111.090	112.271	113.361
CHAINAGES	11240.000	11260.000	11280.000	11300.000	11320.000	11340.000	11359.167	11360.000	11380.000	11400.000	11420.000	11440.000	11460.000	11474.854	11480.000	11500.000	11501.990	11520.000	11540.000	11560.000	11572.299	11580.000	11600.000	11620.000	11640.000	11660.000	11680.000	11700.000	11720.000	11740.000	11760.000	11780.000	11800.000	11820.000	11840.000	11860.000
VERT. GEOMETRY	L=99.960 K12.000	-0.150%	L=214.921 K47.000	-4.723%	L=174.283 K19.000	4.450%																														
HORIZ. GEOMETRY	L=168.019	R=-220.000	L=27.136	R=220.000	L=411.990																															
SUPERELEVATION	11240.000	LHS & RHS -3.00%	11329.167	11349.167	11369.167	RHS 3.00% LHS -3.00%	11468.422	11488.422	11508.422	LHS 3.00% RHS -3.00%	11562.299	11582.299	11602.299	LHS & RHS -3.00%	11860.000																						

LONGITUDINAL SECTION - MC1A01

Scale 1:1000m Horizontal, 1:500m Vertical @ 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

PROJECT MANAGEMENT INITIALS

AB	AR	DM
DESIGNER	CHECKED	APPROVED

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

SCALE

0 25 50 m 1:1000
0 25 50 m H=1:1000 V=1:500
0 12.5 25

ISSUE/REVISION

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

PROJECT NUMBER

60755376

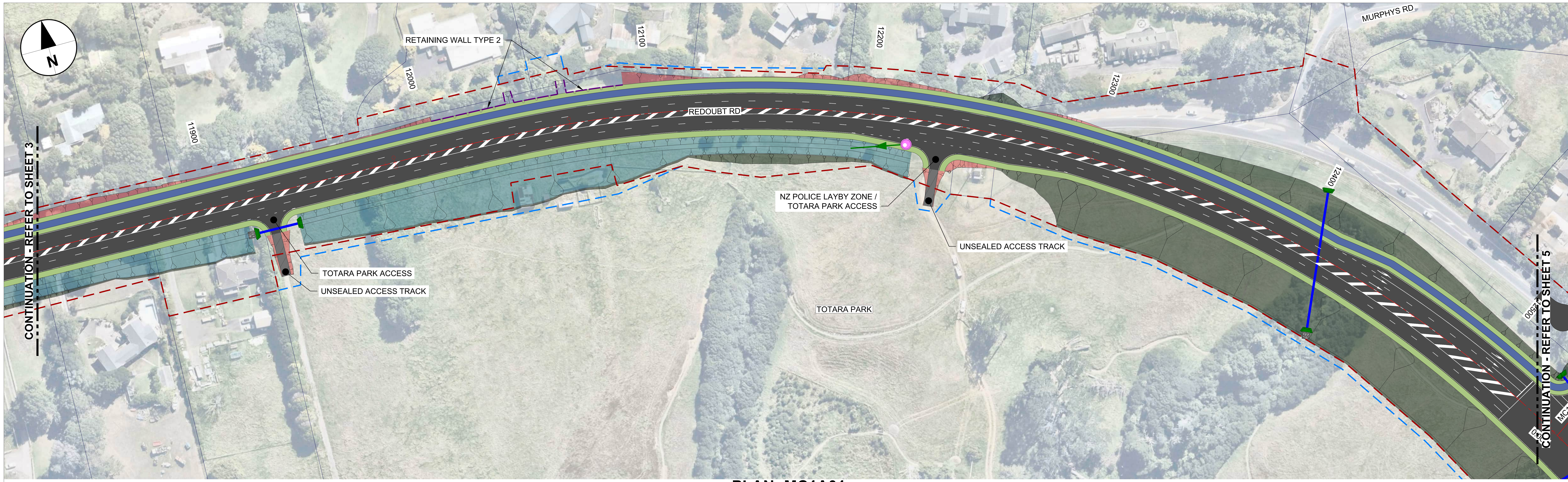
SHEET TITLE

Mill Road RoNS Stage 1 FTA
General Arrangement & Long Section
Sheet 3

SHEET NUMBER

60755376-SHT-CI-0103

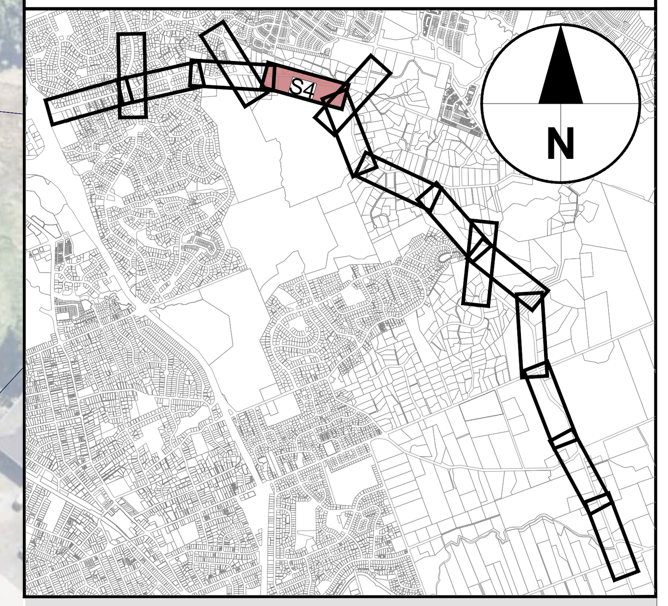
ISO A1 594mm x 841mm



PLAN: MC1A01

Scale 1:1000m @ A1

KEY PLAN



LEGEND: G.A. & Long Section Plan

- EXISTING BERM
- EXISTING FOOTPATH
- PROPOSED RAISED MEDIAN / TRAFFIC ISLAND
- PROPOSED CARRIAGEWAY SURFACING
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- PROPOSED SHARED USE PATH
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- PROPOSED EARTHWORKS: SWALE
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GENERAL NOTE:
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DATUM: 93.0

CHAINAGES	DESIGN LEVELS	EXISTING LEVELS
11860.000	112.144	113.361
11880.000	113.034	114.237
11900.000	113.890	114.739
11920.000	114.666	115.503
11940.000	115.362	115.953
11960.000	115.978	116.676
11980.000	116.513	117.664
11984.289	116.618	117.848
12000.000	116.969	118.652
12020.000	117.345	119.647
12040.000	117.641	120.471
12060.000	117.857	121.055
12064.289	117.893	121.103
12080.000	117.993	121.098
12100.000	118.076	119.713
12120.000	118.158	118.698
12140.000	118.240	118.392
12160.000	118.322	118.326
12180.000	118.404	118.551
12200.000	118.493	119.081
12220.000	118.625	119.697
12240.000	118.785	120.072
12260.000	118.945	120.194
12280.000	119.105	119.046
12300.000	119.265	118.335
12320.000	119.425	117.825
12340.000	119.585	116.943
12360.000	119.745	115.865
12380.000	119.905	115.180
12400.000	120.065	114.339
12420.000	120.225	108.813
12440.000	120.385	113.110
12460.000	120.545	116.142
12480.000	120.705	117.519

VERT. GEOMETRY: 4.450% | L=202.000 K50.000 | 0.410% | L=31.200 K80.000 | 0.800%

HORIZ. GEOMETRY: L=411.990 | L=80.000 | R=510.000

SUPERELEVATION: 11860.000 | LHS & RHS -3.00% | 11904.289 | 11984.289 | 12064.289 | LHS 3.00% / RHS -3.00% | 12480.000

LONGITUDINAL SECTION - MC1A01

Scale 1:1000m Horizontal, 1:500m Vertical @ 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

PROJECT MANAGEMENT INITIALS

DESIGNER	CHECKED	APPROVED
AB	AR	DM

PROJECT DATA

DATUM	AUK46	SURVEY	NZTM

SCALE

0 25 50 m 1:1000; 0 25 50 / 0 12.5 25 m H=1:1000 V=1:500

ISSUE/REVISION

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

PROJECT NUMBER

60755376

SHEET TITLE

Mill Road RoNS Stage 1 FTA General Arrangement & Long Section Sheet 4

SHEET NUMBER

60755376-SHT-CI-0104