

MANGAWHAI WOOD STREET STAGING

ORIGINAL SIZE A1

DONOT SCALE-IF IN DOUBT, ASK



- Stage 1 (31/03 - 04/06)
- Stage 2 (05/06 - 24/07)
- Stage 3 (25/07 - 09/09)
- Stage 4 (10/09 - November completion)
- Stage 4a (November completion)

Stage 4a started completed with proposed playground install to ensure maximum carpark availability.

FAGAN PLACE CAR PARK & EXIT PROJECT EXTENTS

WOOD STREET REVITALISATION PROJECT EXTENTS

SITE COMPOUND

PLAN
SCALE 1 : 750

NOT FOR CONSTRUCTION

REV	ISSUED FOR TENDER	SM	MS	PP	22.01.25	REVISIONS
DRN	CHK	APP	DATE			

SURVEYED	NCC	08.22
DESIGNED	Maninder Singh	01.25
DRAWN	Sukhman Monga	01.25
CAD REVIEW	Maninder Singh	22.01.25
DESIGN CHECK	Dilip Datta	15.06.23
DESIGN REVIEW	Paul Potter	22.01.25
APPROVED	Paul Potter	22.01.25
PROF REGISTRATION:		



MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT
OVERALL LAYOUT PLAN

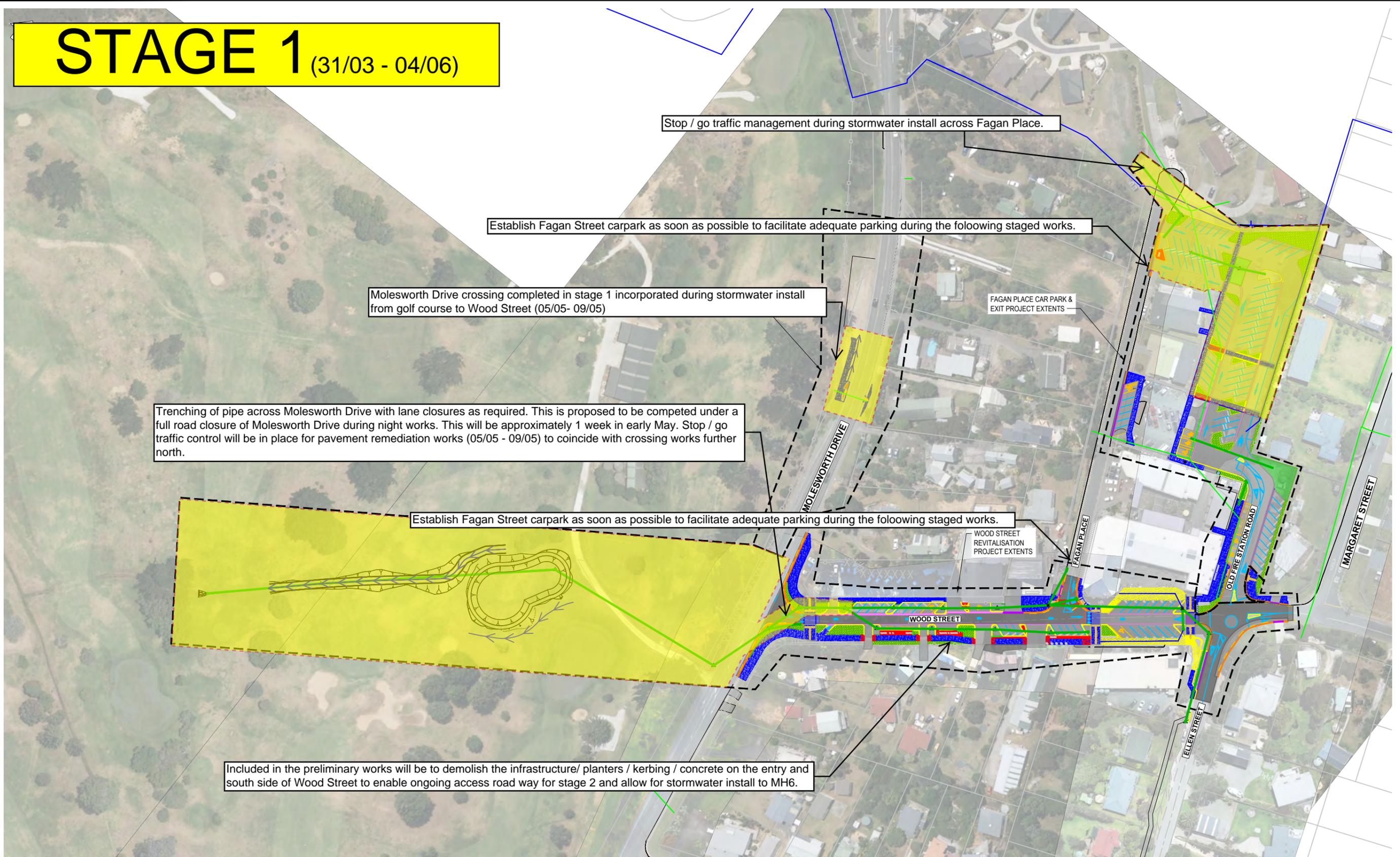
Status Stamp	FOR TENDER
Date Stamp	22.01.25
Scales	AS SHOWN
Drawing No.	310205310-01-001-C002
Rev.	0

STAGE 1 (31/03 - 04/06)

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK

200mm
150
100
90
80
70
60
50
40
30
20
10
0



PLAN
SCALE 1 : 750

NOT FOR CONSTRUCTION

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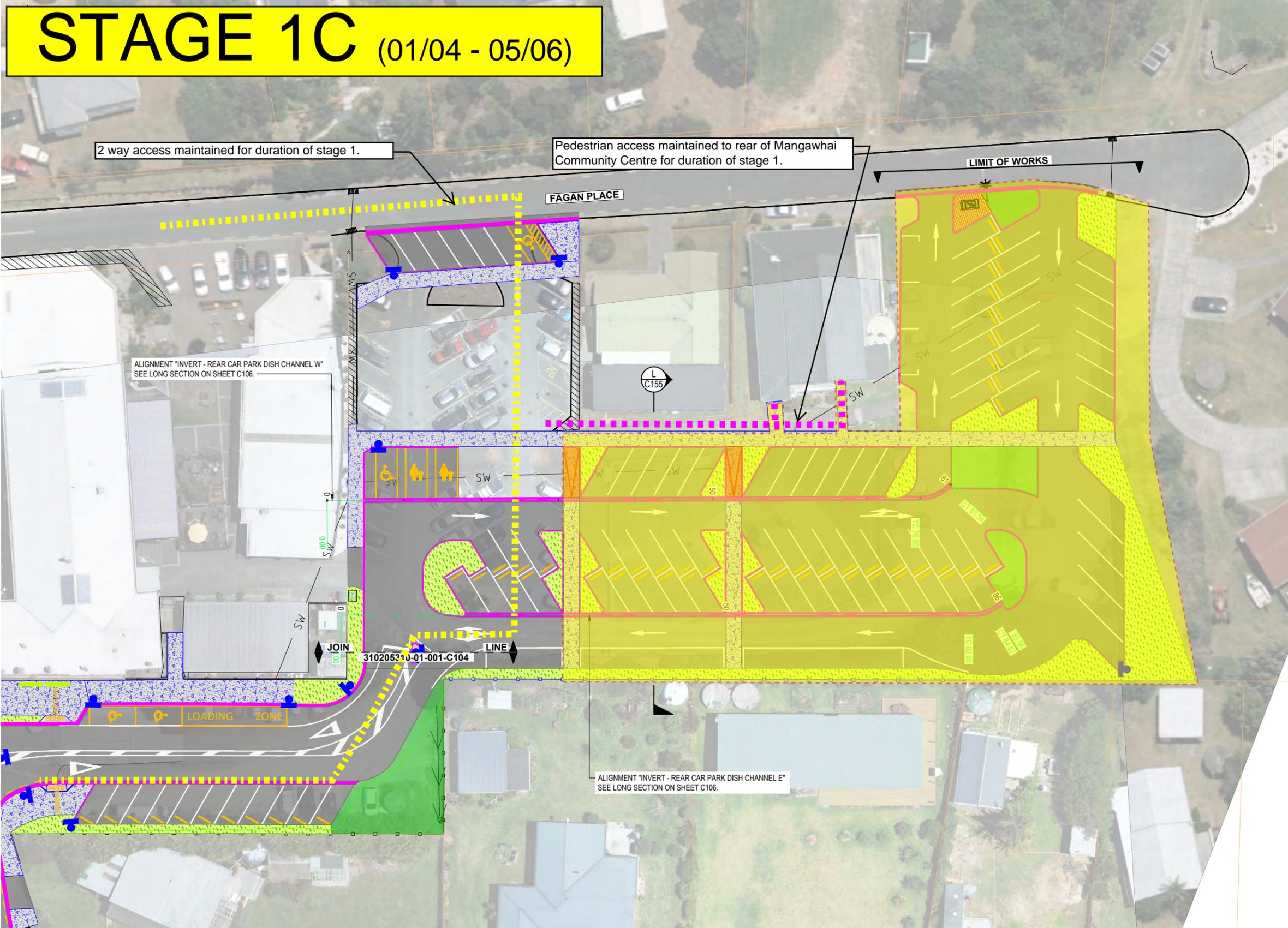


MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT
OVERALL LAYOUT PLAN

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STAGE 1C (01/04 - 05/06)

ORIGINAL SIZE A1



LEGEND	
NEW	
	KERB AND CHANNEL / DISH CHANNEL
	RAIN GARDEN
	LANDSCAPING
	STREET FURNITURE ZONE/PAVED BUILDOUTS
	SEATS AND BIKE RACKS
	CONCRETE FOOTPATH
	RAISED COURTESY CROSSING
	TIMBER BOARDWALK - TYPE 1
	TIMBER BOARDWALK - TYPE 2
	ROAD PAVEMENT
	NEW TACTILE & DIRECTIONAL PAVERS
	PRAM CROSSING
	CONCRETE ISLAND
	RAMP GRADE 5% - 10%
	RED PAINTED SURFACE
	CONCRETE BEAM
	WHITE ROAD MARKING
	YELLOW ROAD MARKING
	WHEEL STOP
	STORMWATER MANHOLE
	STORMWATER CATCHPIT
	STORMWATER PIPE
	SWALE DRAIN INVERT
	HANDRAIL/SAFETY RAIL
	PROPERTY FENCE
	RETAINING WALL
	RETRACTABLE BOLLARD
	SIGN
EXISTING	
	PROPERTY BOUNDARY
	KERB
	FENCE LINE
	ROAD CENTERLINE
	EDGE OF SEAL/METAL
	SWALE DRAIN INVERT
	BOTTOM OF EMBANKMENT
	TOP OF EMBANKMENT
	RETAINING WALL
	STORMWATER MANHOLE
	STORMWATER MANHOLE WITH GRATED LID
	CONCRETE FOOTPATH
	CATCHPIT/SOAKPIT
	POWER POLE
	STREETLIGHT
	SERVICE COVER
	SEWER JUNCTION
	SW
	STORMWATER PIPE
	GUARDRAIL

PLAN
SCALE 1 : 250

NOT FOR CONSTRUCTION

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DESIGN REVIEW	Paul Potter	22.01.25
APPROVED	Paul Potter	22.01.25



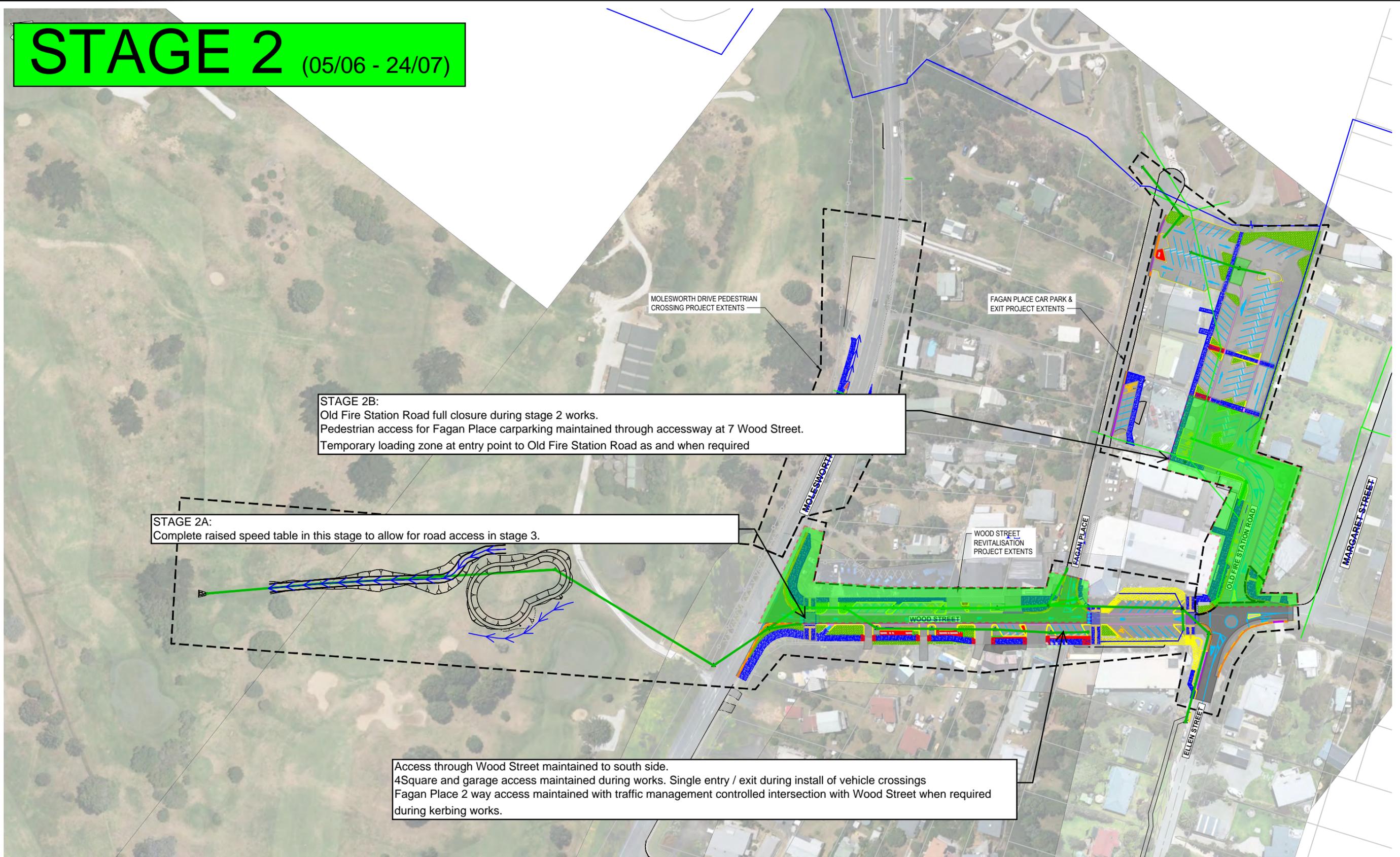
MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT

GENERAL ARRANGEMENTS PLAN AND LONG-SECTION
SHEET 04 OF 05

Status Stamp	FOR TENDER
Date Stamp	22.01.25
Scales	AS SHOWN
Drawing No.	310205310-01-001-C105
Rev.	0

STAGE 2 (05/06 - 24/07)

DONOT SCALE IF IN DOUBT - ASK
200mm
160
140
120
100
80
60
40
20
0
ORIGINAL SIZE A1



STAGE 2B:
Old Fire Station Road full closure during stage 2 works.
Pedestrian access for Fagan Place carparking maintained through accessway at 7 Wood Street.
Temporary loading zone at entry point to Old Fire Station Road as and when required

STAGE 2A:
Complete raised speed table in this stage to allow for road access in stage 3.

Access through Wood Street maintained to south side.
4Square and garage access maintained during works. Single entry / exit during install of vehicle crossings
Fagan Place 2 way access maintained with traffic management controlled intersection with Wood Street when required during kerbing works.

PLAN
SCALE 1:750

NOT FOR CONSTRUCTION

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SURVEYED	NGG	08-22
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DRAWN	Sukhman-Monga	01-25
CAD REVIEW	Maninder Singh	22-01-25
DESIGN CHECK	Dilip-Datta	16-06-23
DESIGN REVIEW	Paul-Potter	22-01-25
APPROVED	Paul-Potter	22-01-25



MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT
OVERALL LAYOUT PLAN

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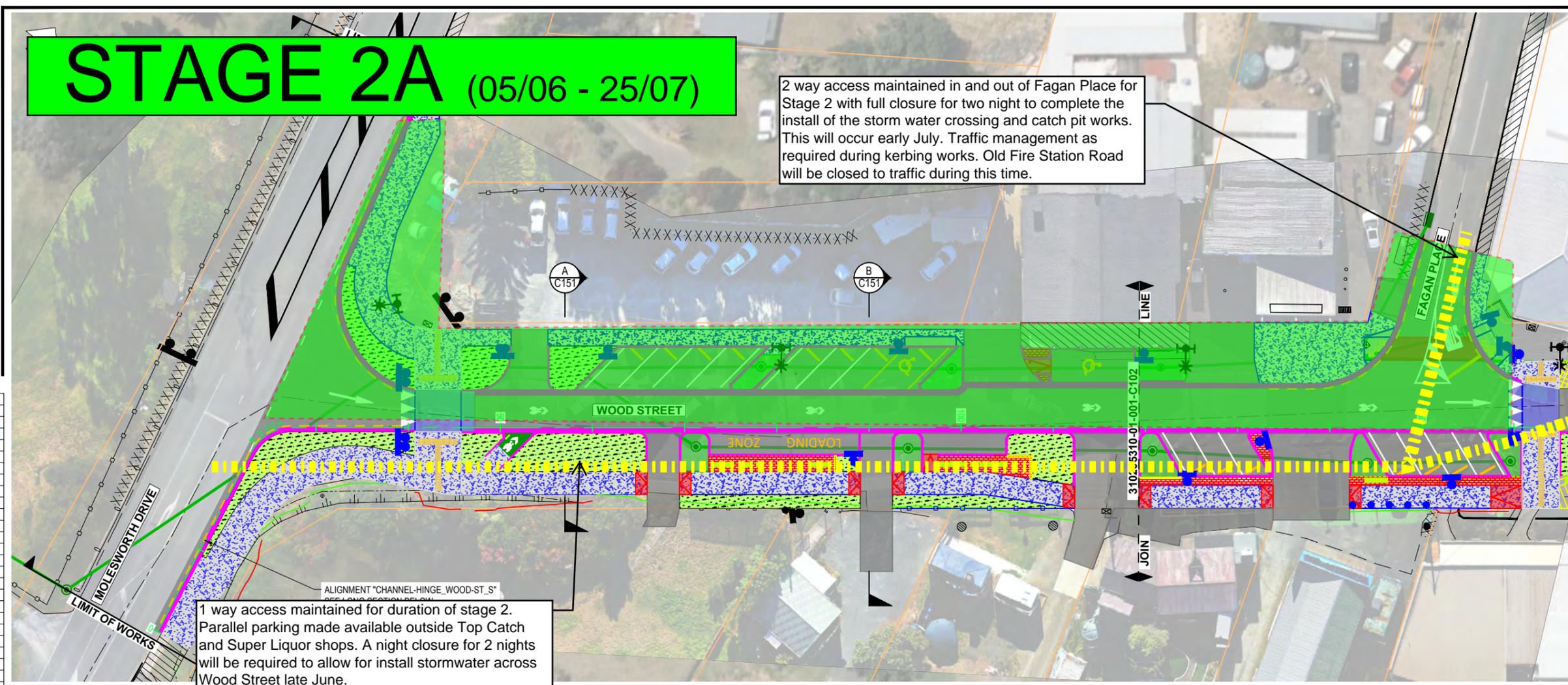
STAGE 2A (05/06 - 25/07)

2 way access maintained in and out of Fagan Place for Stage 2 with full closure for two night to complete the install of the storm water crossing and catch pit works. This will occur early July. Traffic management as required during kerbing works. Old Fire Station Road will be closed to traffic during this time.

1 way access maintained for duration of stage 2. Parallel parking made available outside Top Catch and Super Liquor shops. A night closure for 2 nights will be required to allow for install stormwater across Wood Street late June.

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK



PLAN
SCALE 1 : 250

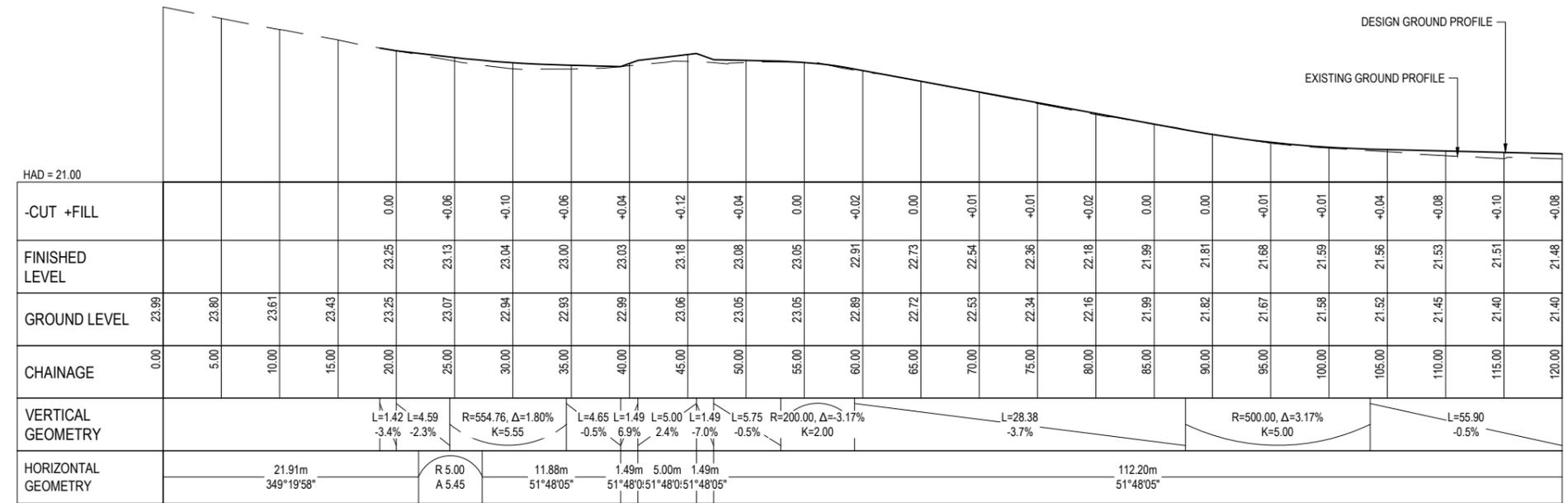
LEGEND

NEW

- KERB AND CHANNEL / DISH CHANNEL
- RAIN GARDEN
- LANDSCAPING
- STREET FURNITURE ZONE/PAVED BUILDOUTS
- SEATS AND BIKE RACKS
- CONCRETE FOOTPATH
- RAISED COURTESY CROSSING
- TIMBER BOARDWALK - TYPE 1
- TIMBER BOARDWALK - TYPE 2
- ROAD PAVEMENT
- NEW TACTILE & DIRECTIONAL PAVERS
- PRAM CROSSING
- CONCRETE ISLAND
- RAMP GRADE 5% - 10%
- RED PAINTED SURFACE
- CONCRETE BEAM
- WHITE ROAD MARKING
- YELLOW ROAD MARKING
- WHEEL STOP
- STORMWATER MANHOLE
- STORMWATER CATCHPIT
- STORMWATER PIPE
- SWALE DRAIN INVERT
- HANDRAIL/SAFETY RAIL
- PROPERTY FENCE
- XXXXXXXX
- RETAINING WALL
- RETRACTABLE BOLLARD
- SIGN

EXISTING

- PROPERTY BOUNDARY
- KERB
- FENCE LINE
- ROAD CENTERLINE
- EDGE OF SEAL/METAL
- SWALE DRAIN INVERT
- BOTTOM OF EMBANKMENT
- TOP OF EMBANKMENT
- XXXXXXXX
- RETAINING WALL
- STORMWATER MANHOLE
- STORMWATER MANHOLE WITH GRATED LID
- CONCRETE FOOTPATH
- CATCHPIT/SOAKPIT
- POWER POLE
- STREETLIGHT
- SERVICE COVER
- STREET JUNCTION
- SW
- STORMWATER PIPE
- GUARDRAIL



LONGITUDINAL SECTION - CHANNEL-HINGE_WOOD-ST_S
SCALE: HOR 1:250 VERT 1:50

NOT FOR CONSTRUCTION

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MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT
GENERAL ARRANGEMENTS PLAN AND LONG-SECTION
SHEET 01 OF 05

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Rev.	0

STAGE 2B (05/06 - 25/07)

2 way access remains in and out of Fagan Place for the duration of Stage 2.

Existing parking in this area including access ways will remain open for the duration of the project.

Pedestrian access maintained to / from carpark and community centre.

Access maintained for loading / unloading as required. Escort from traffic management required

ALIGNMENT "INVERT REAR CAR PARK DISH CHANNEL W" SEE LONG SECTION ON SHEET C106.

ORIGINAL SIZE A1
DO NOT SCALE - IF IN DOUBT, ASK
200 mm
150
100
90
80
70
60
50
40
30
20
10

LEGEND	
NEW	
	KERB AND CHANNEL / DISH CHANNEL
	RAIN GARDEN
	LANDSCAPING
	STREET FURNITURE ZONE/PAVED BUILDOUTS
	SEATS AND BIKE RACKS
	CONCRETE FOOTPATH
	RAISED COURTESY CROSSING
	TIMBER BOARDWALK - TYPE 1
	TIMBER BOARDWALK - TYPE 2
	ROAD PAVEMENT
	NEW TACTILE & DIRECTIONAL PAVERS
	PRAM CROSSING
	CONCRETE ISLAND
	RAMP GRADE 5% - 10%
	RED PAINTED SURFACE
	CONCRETE BEAM
	WHITE ROAD MARKING
	YELLOW ROAD MARKING
	WHEEL STOP
	STORMWATER MANHOLE
	STORMWATER CATCHPIT
	STORMWATER PIPE
	SWALE DRAIN INVERT
	HANDRAIL/SAFETY RAIL
	PROPERTY FENCE
	RETAINING WALL
	RETRACTABLE BOLLARD
	SIGN
EXISTING	
	PROPERTY BOUNDARY
	KERB
	FENCE LINE
	ROAD CENTERLINE
	EDGE OF SEAL/METAL
	SWALE DRAIN INVERT
	BOTTOM OF EMBANKMENT
	TOP OF EMBANKMENT
	RETAINING WALL
	STORMWATER MANHOLE
	STORMWATER MANHOLE WITH GRATED LID
	CONCRETE FOOTPATH
	CATCHPIT/SOAKPIT
	POWER POLE
	STREETLIGHT
	SERVICE COVER
	SEWER JUNCTION
	SW
	STORMWATER PIPE
	GUARDRAIL

PLAN
SCALE 1 : 250

NOT FOR CONSTRUCTION

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MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT
GENERAL ARRANGEMENTS PLAN AND LONG-SECTION
SHEET 04 OF 05

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Rev.	0

STAGE 3 (25/07 - 09/09)

1 way access maintained for duration of stage 2 on Wood Street. New parking bays and footpath available on north side. No parking on south side, but pedestrian access will be made available through site to Top Catch and Super Liquor shops.

ALIGNMENT "CHANNEL-HINGE_WOOD-ST_S"
SEE LONG SECTION BELOW

PLAN
SCALE 1 : 250

LEGEND

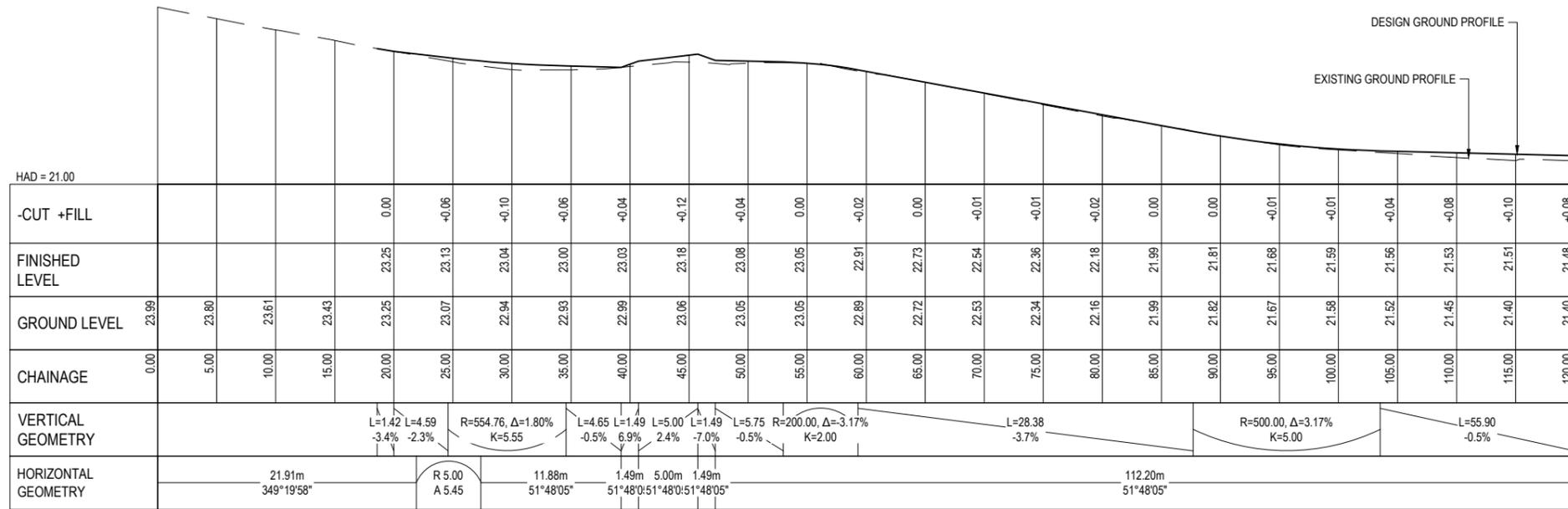
NEW

- KERB AND CHANNEL / DISH CHANNEL
- RAIN GARDEN
- LANDSCAPING
- STREET FURNITURE ZONE/PAVED BUILDOUTS
- SEATS AND BIKE RACKS
- CONCRETE FOOTPATH
- RAISED COURTESY CROSSING
- TIMBER BOARDWALK - TYPE 1
- TIMBER BOARDWALK - TYPE 2
- ROAD PAVEMENT
- NEW TACTILE & DIRECTIONAL PAVERS
- PRAM CROSSING
- CONCRETE ISLAND
- RAMP GRADE 5% - 10%
- RED PAINTED SURFACE
- CONCRETE BEAM
- WHITE ROAD MARKING
- YELLOW ROAD MARKING
- WHEEL STOP
- STORMWATER MANHOLE
- STORMWATER CATCHPIT
- STORMWATER PIPE
- SWALE DRAIN INVERT
- HANDRAIL/SAFETY RAIL
- PROPERTY FENCE
- REINFORCED CONCRETE
- RETRACTABLE BOLLARD
- SIGN

EXISTING

- PROPERTY BOUNDARY
- KERB
- FENCE LINE
- ROAD CENTERLINE
- EDGE OF SEAL/METAL
- SWALE DRAIN INVERT
- BOTTOM OF EMBANKMENT
- TOP OF EMBANKMENT
- REINFORCED CONCRETE
- STORMWATER MANHOLE
- STORMWATER MANHOLE WITH GRATED LID
- CONCRETE FOOTPATH
- CATCHPIT/SOAKPIT
- POWER POLE
- STREETLIGHT
- SERVICE COVER
- STREET JUNCTION
- SW - STORMWATER PIPE
- GUARDRAIL

ORIGINAL SIZE A1



LONGITUDINAL SECTION - CHANNEL-HINGE_WOOD-ST_S
SCALES: HOR 1:250 VERT 1:50

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MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT

GENERAL ARRANGEMENTS PLAN AND LONG-SECTION

SHEET 01 OF 05

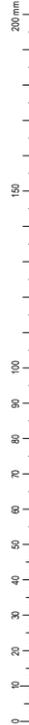
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Rev.	0

STAGE 4 (10/09 - completion November)

STAGE 4a (completion November)

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK



Full road closure for the duration of this stage. Vehicle access will be via Fagan Place, new carpark with exit maintained from Old Fire Station Road through to roundabout. Pedestrian access will be maintained on both sides for the duration of this stage. 2 way access through roundabout will be maintained during the day.

Stage 5 will include night works to prep, resurface and line mark all of Wood Street including raised traffic islands on Ellen Street roundabout. All kerbing works adjacent to roundabout will be completed during normal working hours protected by temporary fencing and traffic management when required.

PLAN
SCALE 1 : 750

NOT FOR CONSTRUCTION

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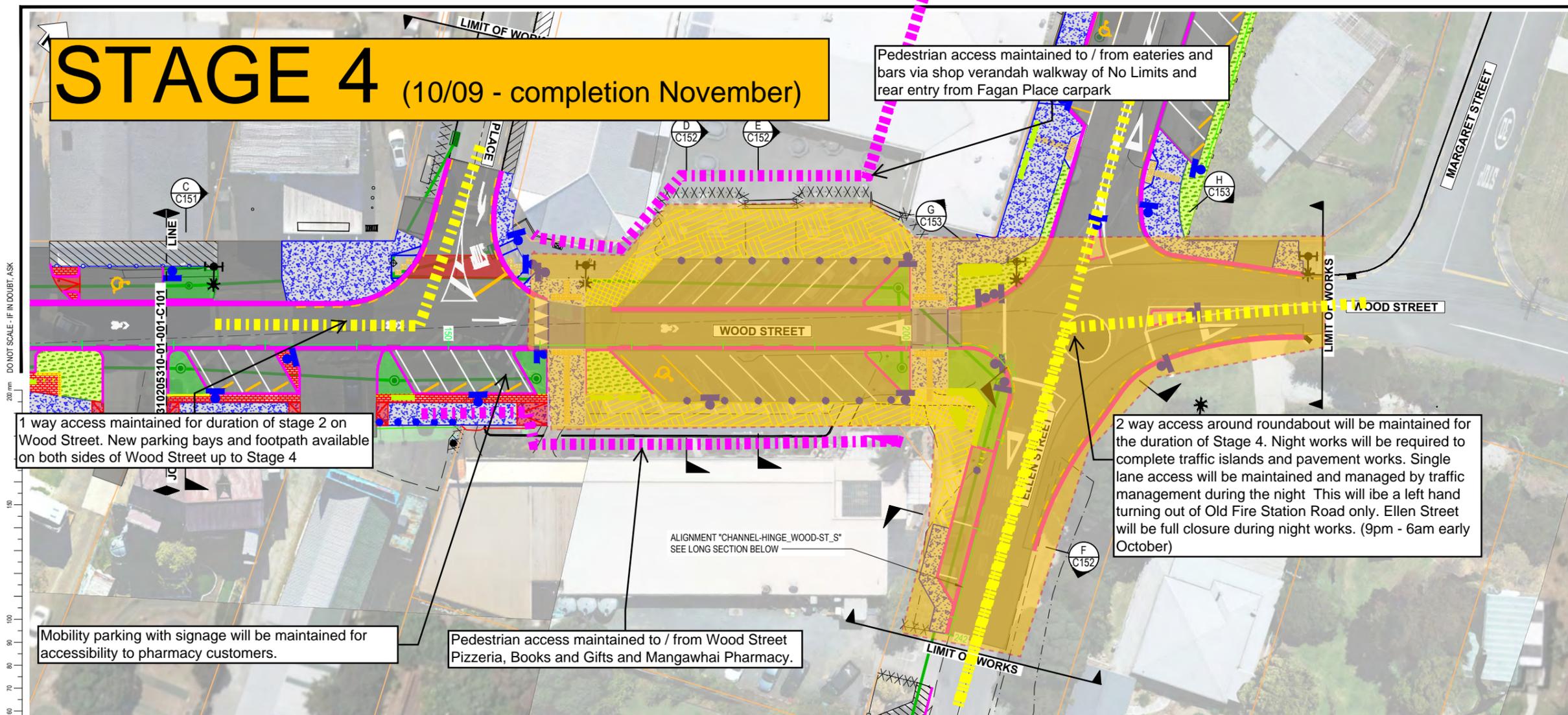


MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT

OVERALL LAYOUT PLAN

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STAGE 4 (10/09 - completion November)



PLAN
SCALE 1 : 250

LEGEND	
NEW	
	KERB AND CHANNEL / DISH CHANNEL
	RAIN GARDEN
	LANDSCAPING
	STREET FURNITURE ZONE/PAVED BUILDOUTS
	SEATS AND BIKE RACKS
	CONCRETE FOOTPATH
	RAISED COURTESY CROSSING
	TIMBER BOARDWALK - TYPE 1
	TIMBER BOARDWALK - TYPE 2
	ROAD PAVEMENT
	NEW TACTILE & DIRECTIONAL PAVERS
	PRAM CROSSING
	CONCRETE ISLAND
	RAMP GRADE 5% - 10%
	RED PAINTED SURFACE
	CONCRETE BEAM
	WHITE ROAD MARKING
	YELLOW ROAD MARKING
	WHEEL STOP
	STORMWATER MANHOLE
	STORMWATER CATCHPIT
	STORMWATER PIPE
	SWALE DRAIN INVERT
	HANDRAIL/SAFETY RAIL
	PROPERTY FENCE
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	KERB
	FENCE LINE
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	RETAINING WALL
	STORMWATER MANHOLE
	STORMWATER MANHOLE WITH GRATED LID
	CONCRETE FOOTPATH
	CATCHPIT/SOAKPIT
	POWER POLE
	STREETLIGHT
	SERVICE COVER
	TRAFFIC JUNCTION
	SW
	STORMWATER PIPE
	GUARDRAIL

ORIGINAL SIZE A1

	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	242.00	
HAD = 20.00																											
-CUT +FILL	+0.08	+0.05	+0.05	+0.06	+0.05	+0.04	+0.03	+0.01	+0.04	+0.14	+0.22	+0.23	+0.20	+0.19	+0.14	+0.09	+0.03	-0.04	-0.10	-0.01	-0.02	-0.03	+0.01	+0.01	0.00	0.00	
FINISHED LEVEL	21.48	21.46	21.43	21.41	21.38	21.36	21.33	21.31	21.32	21.41	21.42	21.40	21.37	21.35	21.32	21.30	21.27	21.22	21.28	21.44	21.65	21.89	22.16	22.47	22.78	22.91	
GROUND LEVEL	21.40	21.41	21.39	21.35	21.33	21.31	21.30	21.30	21.28	21.27	21.20	21.16	21.18	21.15	21.19	21.21	21.24	21.25	21.37	21.44	21.66	21.92	22.15	22.47	22.78	22.91	
CHAINAGE	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	242.00	
VERTICAL GEOMETRY	L=55.90 -0.5%		L=1.48 6.4%		L=6.50 0.8%		L=37.12 -0.5%		L=1.50 -6.7%		L=5.76 3.2%		R=665.19, Δ=3.01% K=6.65			L=10.22 6.2%											
HORIZONTAL GEOMETRY	112.20m 51°48'05"		1.48r 51°48'15"		4.00m 51°48'05"		2.50m 51°48'24"		33.14m 51°48'04"		3.98r 51°48'15"		0.56m 51°48'05"		R 5.00 A 9.15		26.15m 156°41'06"								0.11m 156°24'15"		

LONGITUDINAL SECTION - CHANNEL-HINGE_WOOD-ST_S
SCALES: HOR 1:250 VERT 1:50

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MANGAWHAI WOOD STREET AND SURROUNDS REVITALISATION AND STORMWATER PROJECT

GENERAL ARRANGEMENTS PLAN AND LONG-SECTION
SHEET 02 OF 05

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