KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

BRETT AMBLER WAY

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Iver Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal I

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev-10yrCC-Hazard Band 1 (Gray)

- H1
- H2
- H3
- H4
- H5
- H6

NOTES:
H1: Generally safe for people, vehicles and buildings.
H2: Unsafe for small vehicles.
H3: Unsafe for vehicles, children and the elderly.
H4: Unsafe for people and vehicles.
H5: Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6: Unsafe for vehicles and people. All building types considered vulnerable to failure.

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS ARR HAZARD -POST DEVELOPMENT - 10yrCC

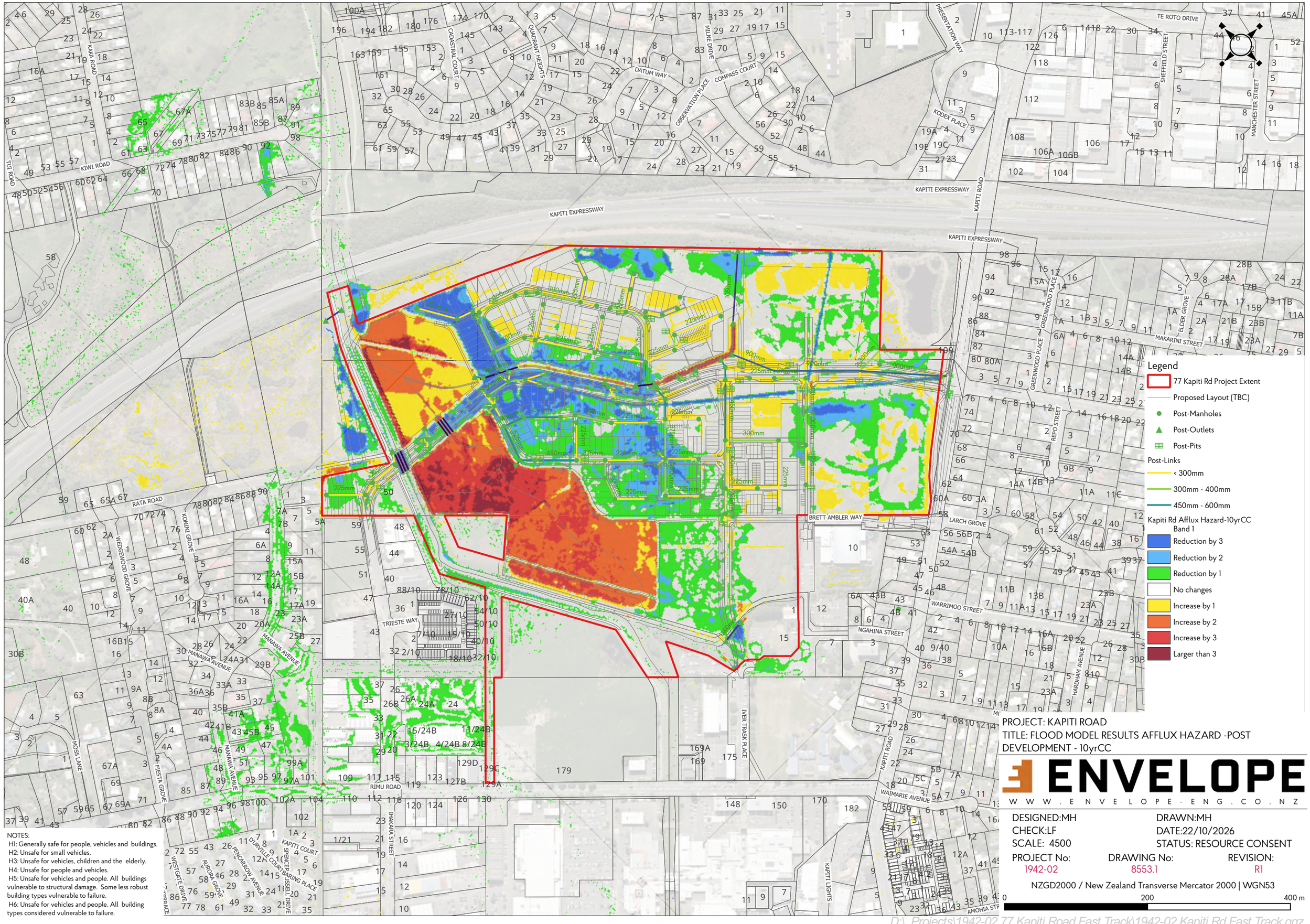
ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH	
CHECK:LF	DATE:22/10/2026	
SCALE: 2500	STATUS: RESOURCE CONSENT	
PROJECT No: 1942-02	DRAWING No: 8551.1	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



NOTES:
H1: Generally safe for people, vehicles and buildings.
H2: Unsafe for small vehicles.
H3: Unsafe for vehicles, children and the elderly.
H4: Unsafe for people and vehicles.
H5: Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6: Unsafe for vehicles and people. All building types considered vulnerable to failure.

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS AFFLUX HAZARD -POST DEVELOPMENT - 10yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 4500	STATUS: RESOURCE CONSENT
PROJECT No: 1942-02	DRAWING No: 8553.1
	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 200 400 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY
KAPITI EXPRESSWAY
KAPITI EXPRESSWAY
KAPITI ROAD
ARAWHATA ROAD
TRIESTE WAY
IHAKARA STREET
BRETT AMBLER WAY
IVER TRASK PLACE

Legend
- 77 Kapiti Rd Project Extent
- Kapiti Rd Pre Dev-100yrCC-Hazard Band 1 (Gray)
  - H1
  - H2
  - H3
  - H4
  - H5
  - H6

NOTES:
H1: Generally safe for people, vehicles and buildings.
H2: Unsafe for small vehicles.
H3: Unsafe for vehicles, children and the elderly.
H4: Unsafe for people and vehicles.
H5: Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6: Unsafe for vehicles and people. All building types considered vulnerable to failure.

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS ARR HAZARD -PRE DEVELOPMENT - 100yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8560.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

IVER TRASK PLACE

BRETT AMBLER WAY

Future Road

Road 01

Road 02

Road 03 (Iver Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev-100yrCC-Hazard Band 1 (Gray)

- H1
- H2
- H3
- H4
- H5
- H6

NOTES:
H1: Generally safe for people, vehicles and buildings.
H2: Unsafe for small vehicles.
H3: Unsafe for vehicles, children and the elderly.
H4: Unsafe for people and vehicles.
H5: Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6: Unsafe for vehicles and people. All building types considered vulnerable to failure.

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS ARR HAZARD -POST DEVELOPMENT - 100yrCC

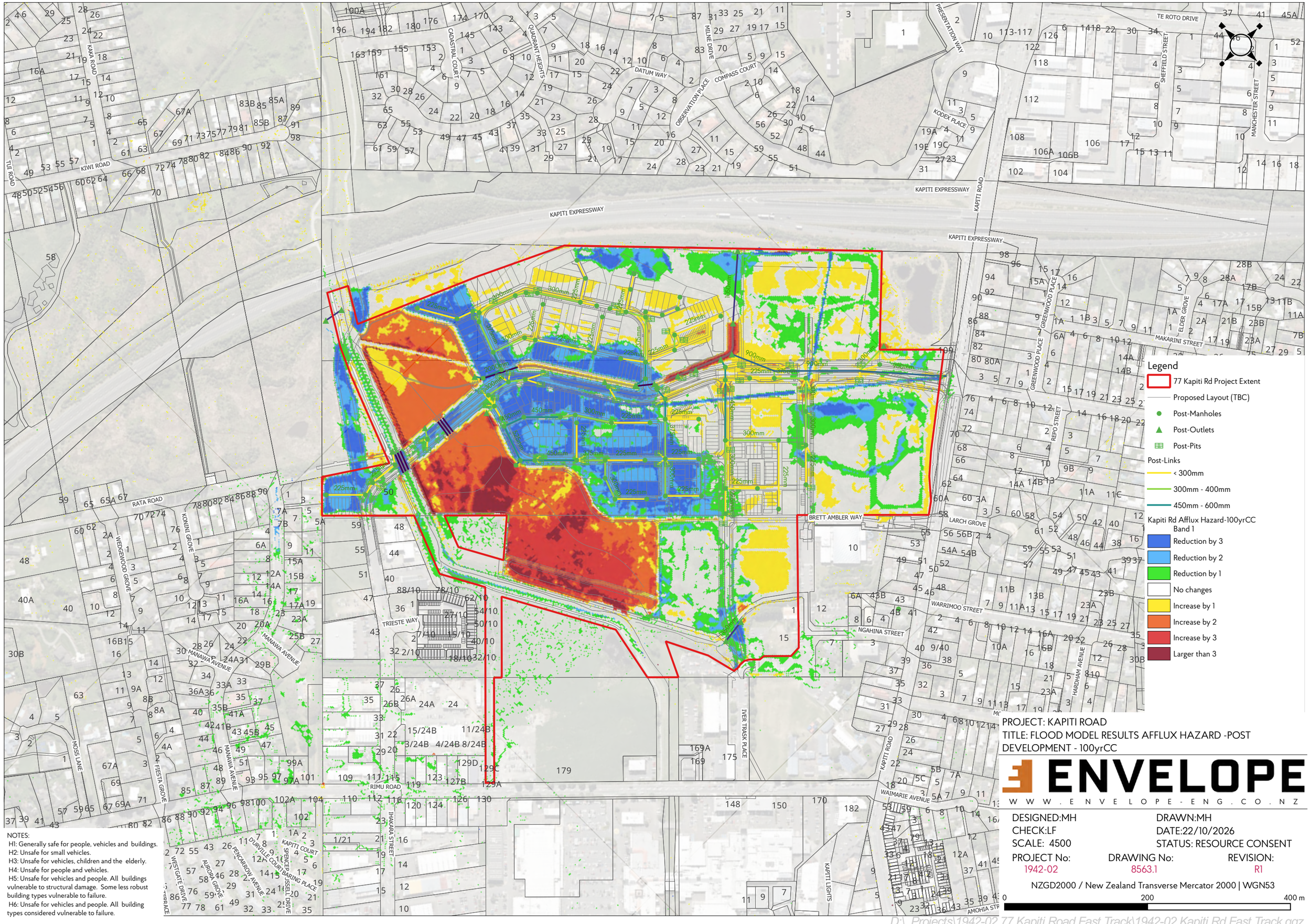
ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT
PROJECT No: 1942-02	DRAWING No: 8561.1
	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Afflux Hazard-100yrCC Band 1

- Reduction by 3
- Reduction by 2
- Reduction by 1
- No changes
- Increase by 1
- Increase by 2
- Increase by 3
- Larger than 3

NOTES:
H1: Generally safe for people, vehicles and buildings.
H2: Unsafe for small vehicles.
H3: Unsafe for vehicles, children and the elderly.
H4: Unsafe for people and vehicles.
H5: Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure.
H6: Unsafe for vehicles and people. All building types considered vulnerable to failure.

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS AFFLUX HAZARD -POST DEVELOPMENT - 100yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH	
CHECK:LF	DATE:22/10/2026	
SCALE: 4500	STATUS: RESOURCE CONSENT	
PROJECT No: 1942-02	DRAWING No: 8563.1	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 200 400 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

BRETT AMBLER WAY

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Iver Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev-250yrCC-Depth Band 1 (Gray)

- <= 0.025m
- 0.025m - 0.05m
- 0.05m - 0.1m
- 0.1m - 0.2m
- 0.2m - 0.3m
- 0.3m - 0.5m
- 0.5m - 1.0m
- > 1.0m

PROJECT: KAPITI ROAD

TITLE: FLOOD MODEL RESULTS SENSITIVITY - MAXIMUM DEPTH - POST DEVELOPMENT - 250yrCC

ENVELOPE

WWW.ENVELOPE-ENG.CO.NZ

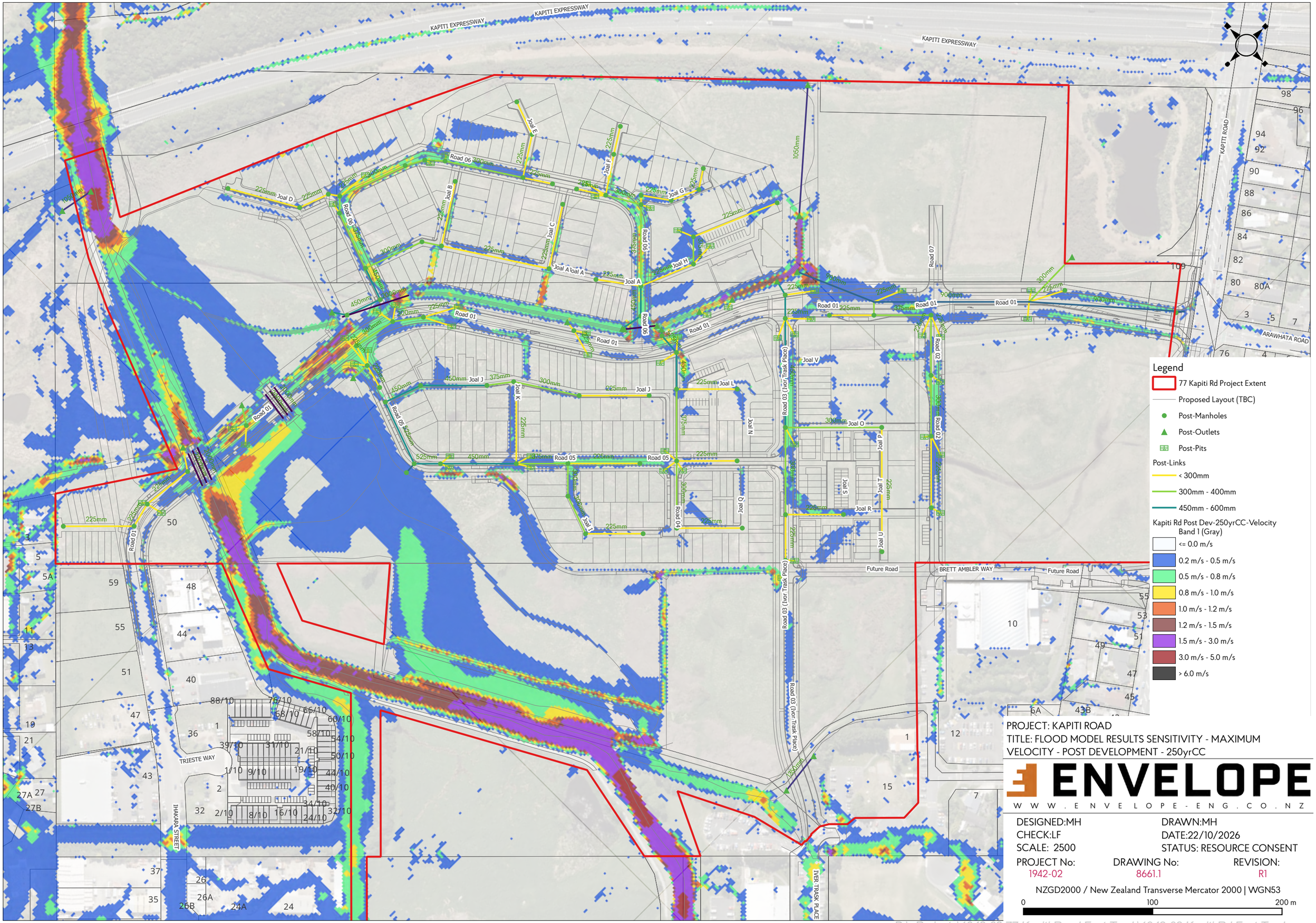
DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8660.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS SENSITIVITY - MAXIMUM VELOCITY - POST DEVELOPMENT - 250yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8661.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

BRETT AMBLER WAY

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Iver Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal I

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev BLK-100yrCC-Depth Band 1 (Gray)

- <= 0.025m
- 0.025m - 0.05m
- 0.05m - 0.1m
- 0.1m - 0.2m
- 0.2m - 0.3m
- 0.3m - 0.5m
- 0.5m - 1.0m
- > 1.0m

PROJECT: KAPITI ROAD

TITLE: FLOOD MODEL RESULTS SENSITIVITY - MAXIMUM DEPTH - POST DEVELOPMENT BLOCKED - 100yrCC

ENVELOPE

WWW.ENVELOPE-ENG.CO.NZ

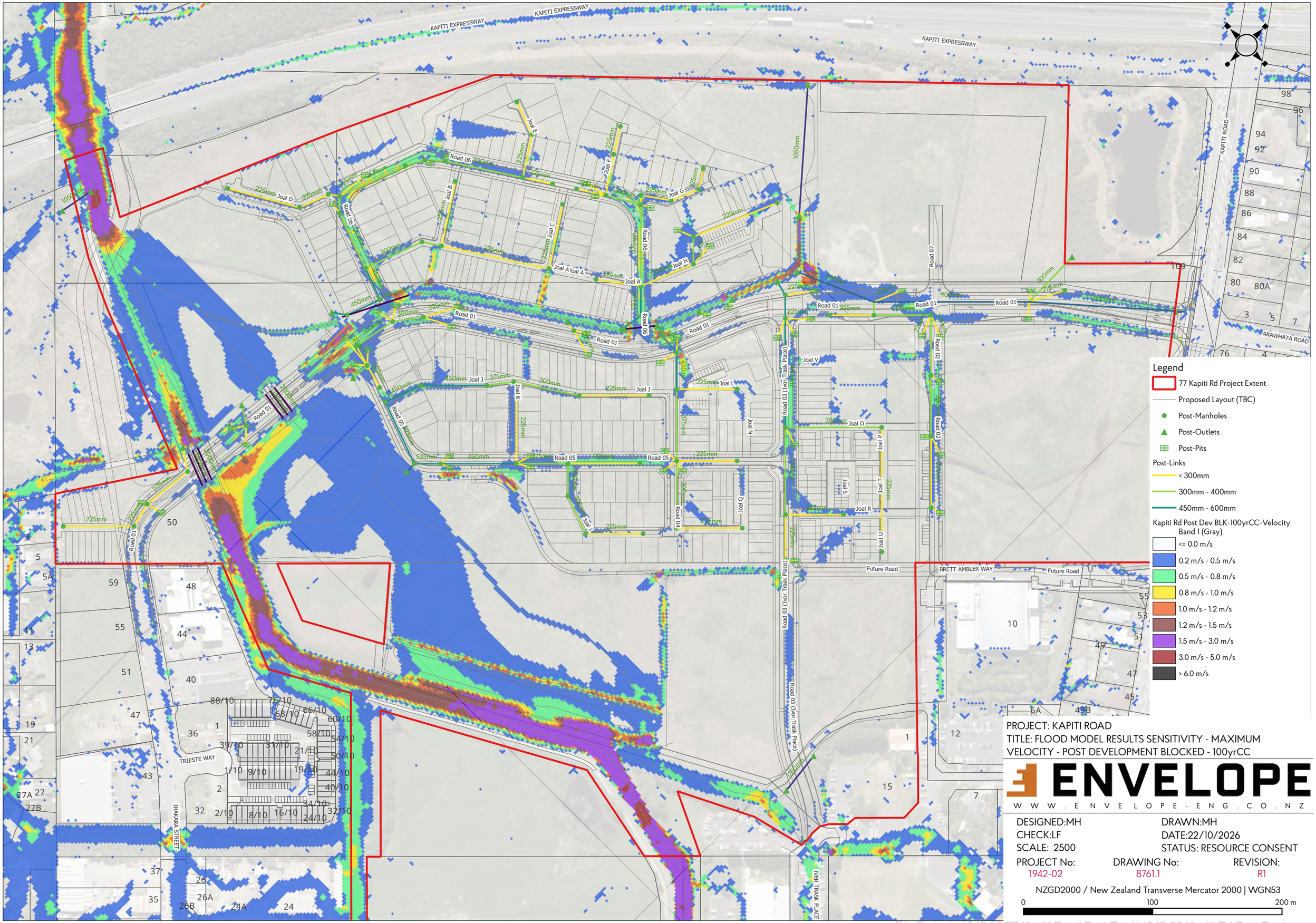
DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8760.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS SENSITIVITY - MAXIMUM VELOCITY - POST DEVELOPMENT BLOCKED - 100yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8761.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | WGN53

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

BRETT AMBLER WAY

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Ivor Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal I

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev-250yrCC-Depth Band 1 (Gray)

- <= 0.025m
- 0.025m - 0.05m
- 0.05m - 0.1m
- 0.1m - 0.2m
- 0.2m - 0.3m
- 0.3m - 0.5m
- 0.5m - 1.0m
- > 1.0m

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS MAXIMUM DEPTH - POST DEVELOPMENT - 250yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

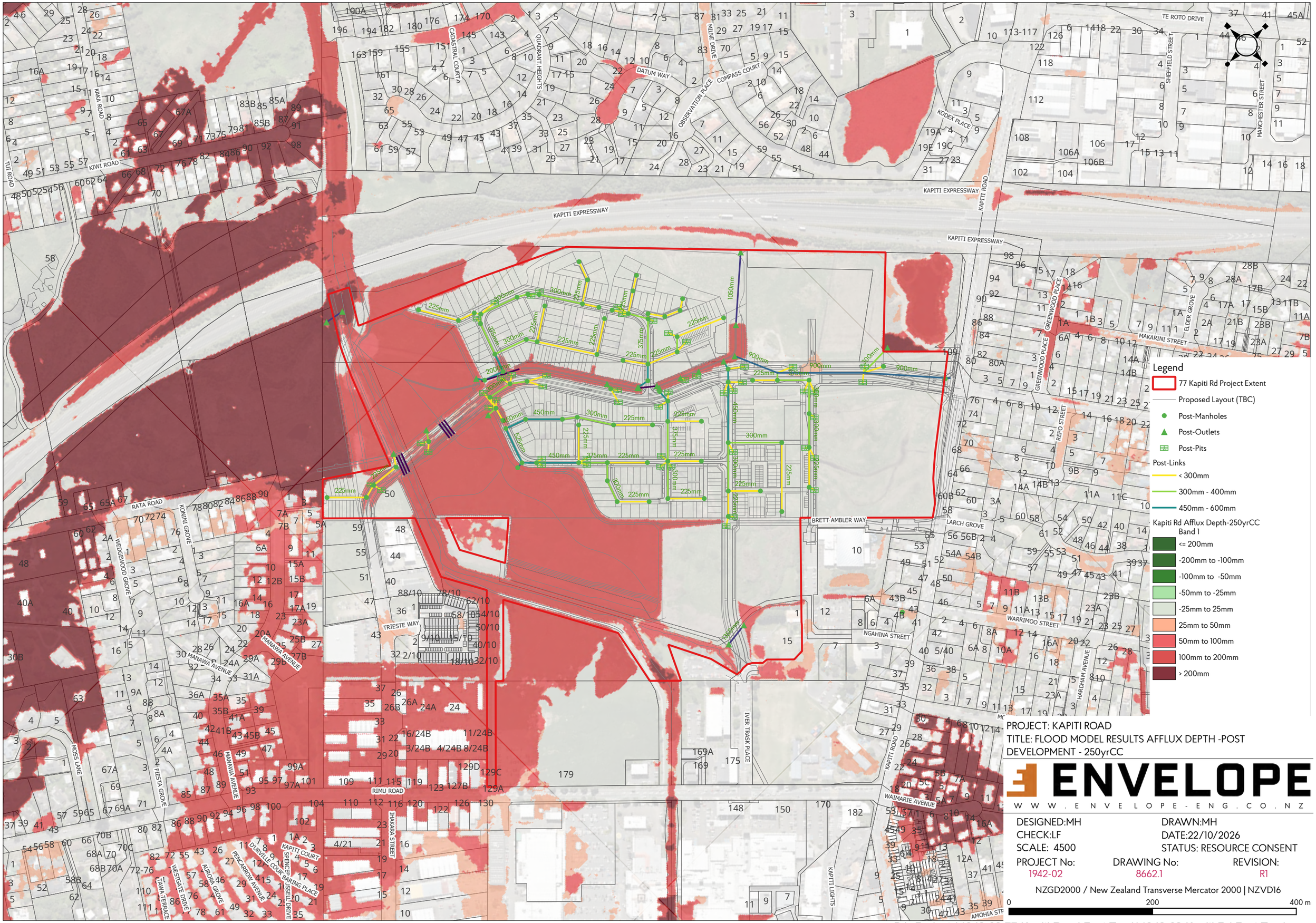
DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8660.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Afflux Depth-250yrCC Band 1

- <= 200mm
- -200mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to 25mm
- 25mm to 50mm
- 50mm to 100mm
- 100mm to 200mm
- > 200mm

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS AFFLUX DEPTH -POST DEVELOPMENT - 250yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH	
CHECK:LF	DATE:22/10/2026	
SCALE: 4500	STATUS: RESOURCE CONSENT	
PROJECT No: 1942-02	DRAWING No: 8662.1	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 200 400 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

TRIESTE WAY

IHAKARA STREET

BRETT AMBLER WAY

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Ivor Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal I

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev BLK-100yrCC-Depth Band 1 (Gray)

- <= 0.025m
- 0.025m - 0.05m
- 0.05m - 0.1m
- 0.1m - 0.2m
- 0.2m - 0.3m
- 0.3m - 0.5m
- 0.5m - 1.0m
- > 1.0m

PROJECT: KAPITI ROAD

TITLE: FLOOD MODEL RESULTS MAXIMUM DEPTH - POST DEVELOPMENT BLOCKED - 100yrCC

ENVELOPE

WWW.ENVELOPE-ENG.CO.NZ

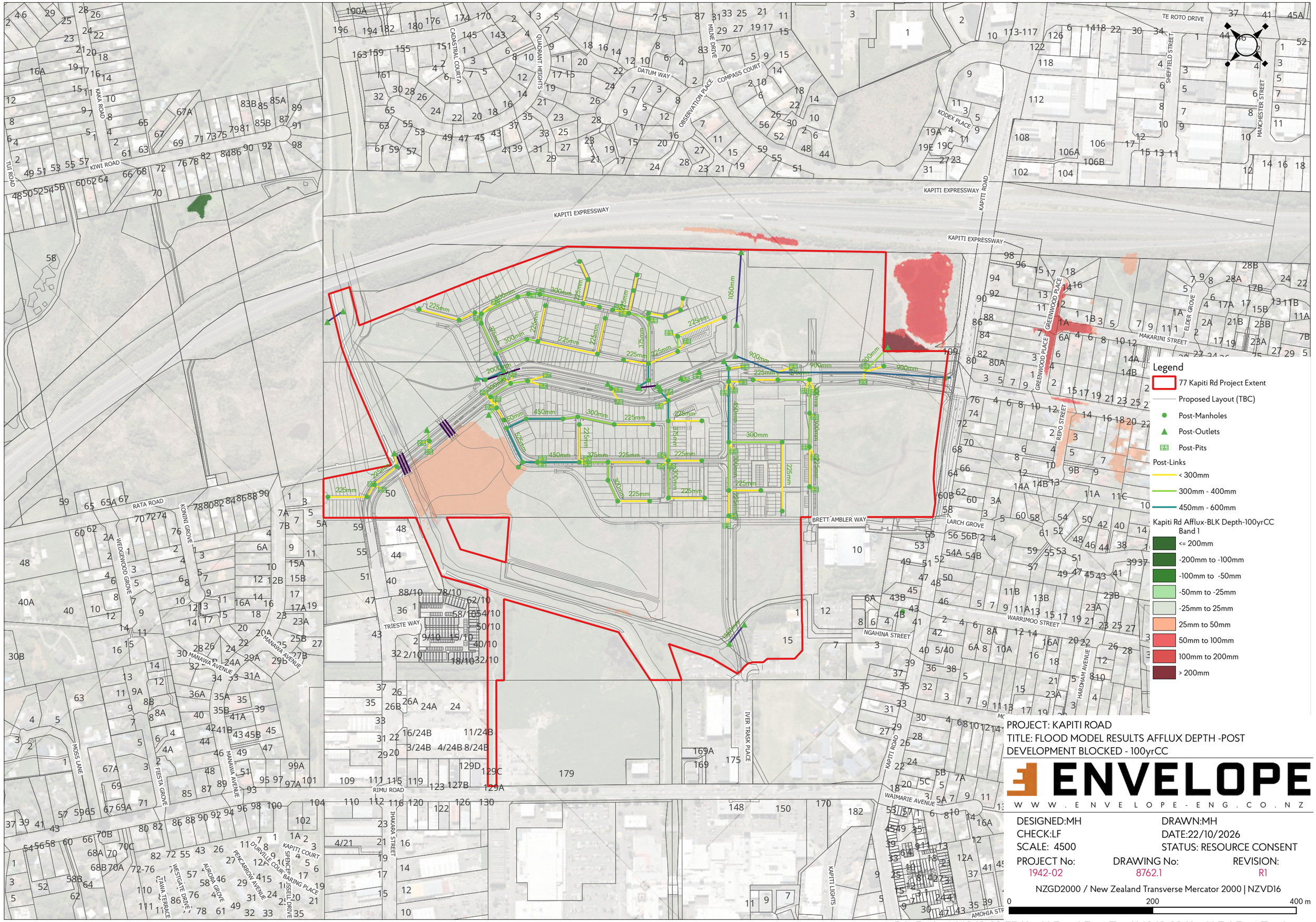
DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 2500	STATUS: RESOURCE CONSENT

PROJECT No:	DRAWING No:	REVISION:
1942-02	8760.1	R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Afflux-BLK Depth-100yrCC Band 1

- <= 200mm
- -200mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to 25mm
- 25mm to 50mm
- 50mm to 100mm
- 100mm to 200mm
- > 200mm

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS AFFLUX DEPTH -POST DEVELOPMENT BLOCKED - 100yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH
CHECK:LF	DATE:22/10/2026
SCALE: 4500	STATUS: RESOURCE CONSENT
PROJECT No: 1942-02	DRAWING No: 8762.1
	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 200 400 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz

KAPITI EXPRESSWAY

KAPITI ROAD

ARAWHATA ROAD

BRETT AMBLER WAY

TRIESTE WAY

IHAKARA STREET

IVER TRASK PLACE

Future Road

Road 01

Road 02

Road 03 (Ivor Trask Place)

Road 04

Road 05

Road 06

Road 07

Joal A

Joal B

Joal C

Joal D

Joal E

Joal F

Joal G

Joal H

Joal I

Joal J

Joal K

Joal L

Joal N

Joal O

Joal P

Joal Q

Joal R

Joal S

Joal T

Joal U

Joal V

Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Post Dev SED-100yrCC-Depth Band 1 (Gray)

- <= 0.025m
- 0.025m - 0.05m
- 0.05m - 0.1m
- 0.1m - 0.2m
- 0.2m - 0.3m
- 0.3m - 0.5m
- 0.5m - 1.0m
- > 1.0m

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS MAXIMUM DEPTH - POST DEVELOPMENT SEDIMENT [+200mm] - 100yrCC

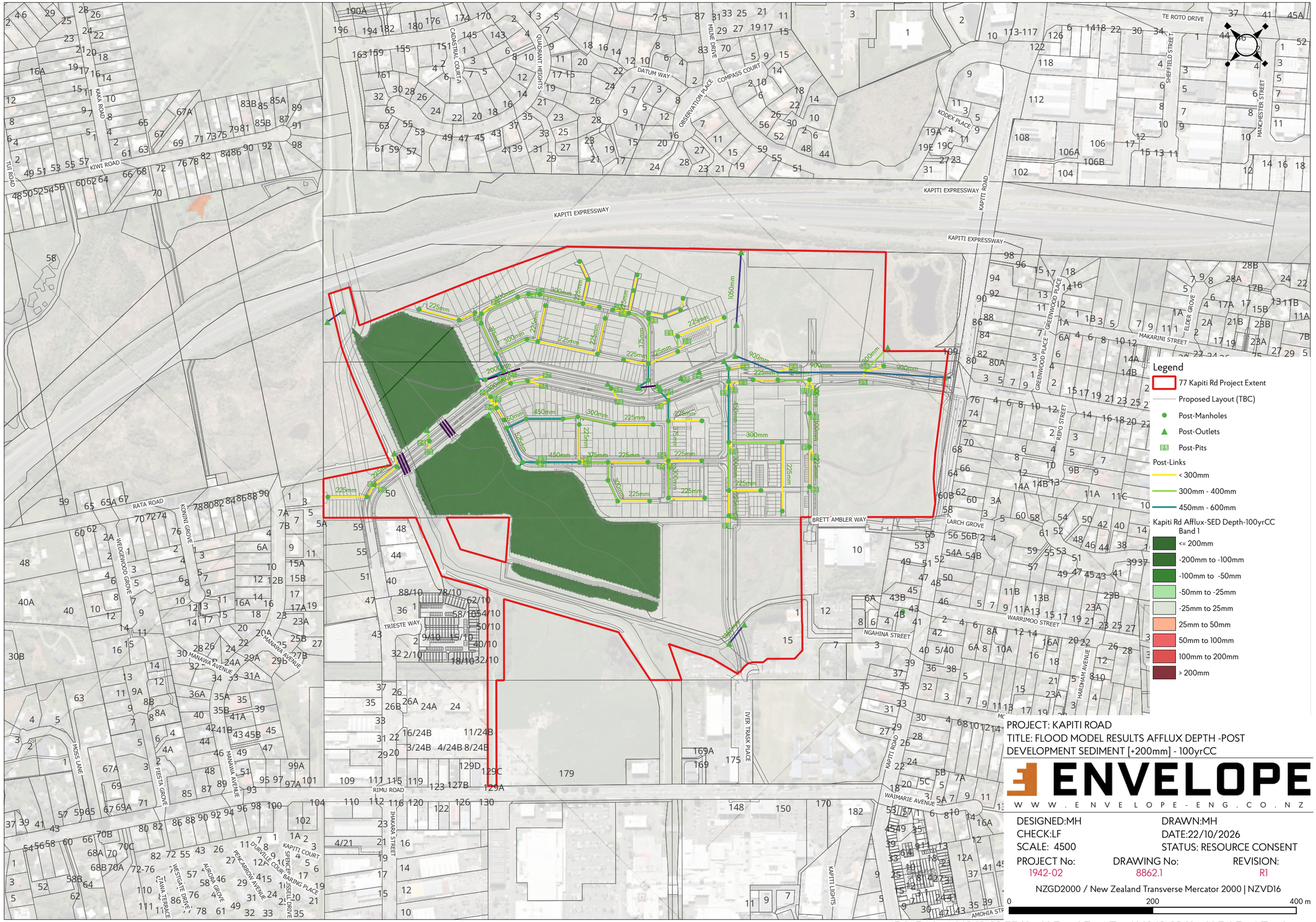
ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH
DRAWN:MH
CHECK:LF
DATE:22/10/2026
SCALE: 2500
STATUS: RESOURCE CONSENT
PROJECT No: 1942-02
DRAWING No: 8860.1
REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 100 200 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz



Legend

- 77 Kapiti Rd Project Extent
- Proposed Layout (TBC)
- Post-Manholes
- Post-Outlets
- Post-Pits

Post-Links

- < 300mm
- 300mm - 400mm
- 450mm - 600mm

Kapiti Rd Afflux-SED Depth-100yrCC Band 1

- <= 200mm
- -200mm to -100mm
- -100mm to -50mm
- -50mm to -25mm
- -25mm to 25mm
- 25mm to 50mm
- 50mm to 100mm
- 100mm to 200mm
- > 200mm

PROJECT: KAPITI ROAD
TITLE: FLOOD MODEL RESULTS AFFLUX DEPTH -POST DEVELOPMENT SEDIMENT [+200mm] - 100yrCC

ENVELOPE
WWW.ENVELOPE-ENG.CO.NZ

DESIGNED:MH	DRAWN:MH	
CHECK:LF	DATE:22/10/2026	
SCALE: 4500	STATUS: RESOURCE CONSENT	
PROJECT No: 1942-02	DRAWING No: 8862.1	REVISION: R1

NZGD2000 / New Zealand Transverse Mercator 2000 | NZVD16

0 200 400 m

D:_Projects\1942-02 77 Kapiti Road Fast Track\1942-02 Kapiti Rd Fast Track.qgz