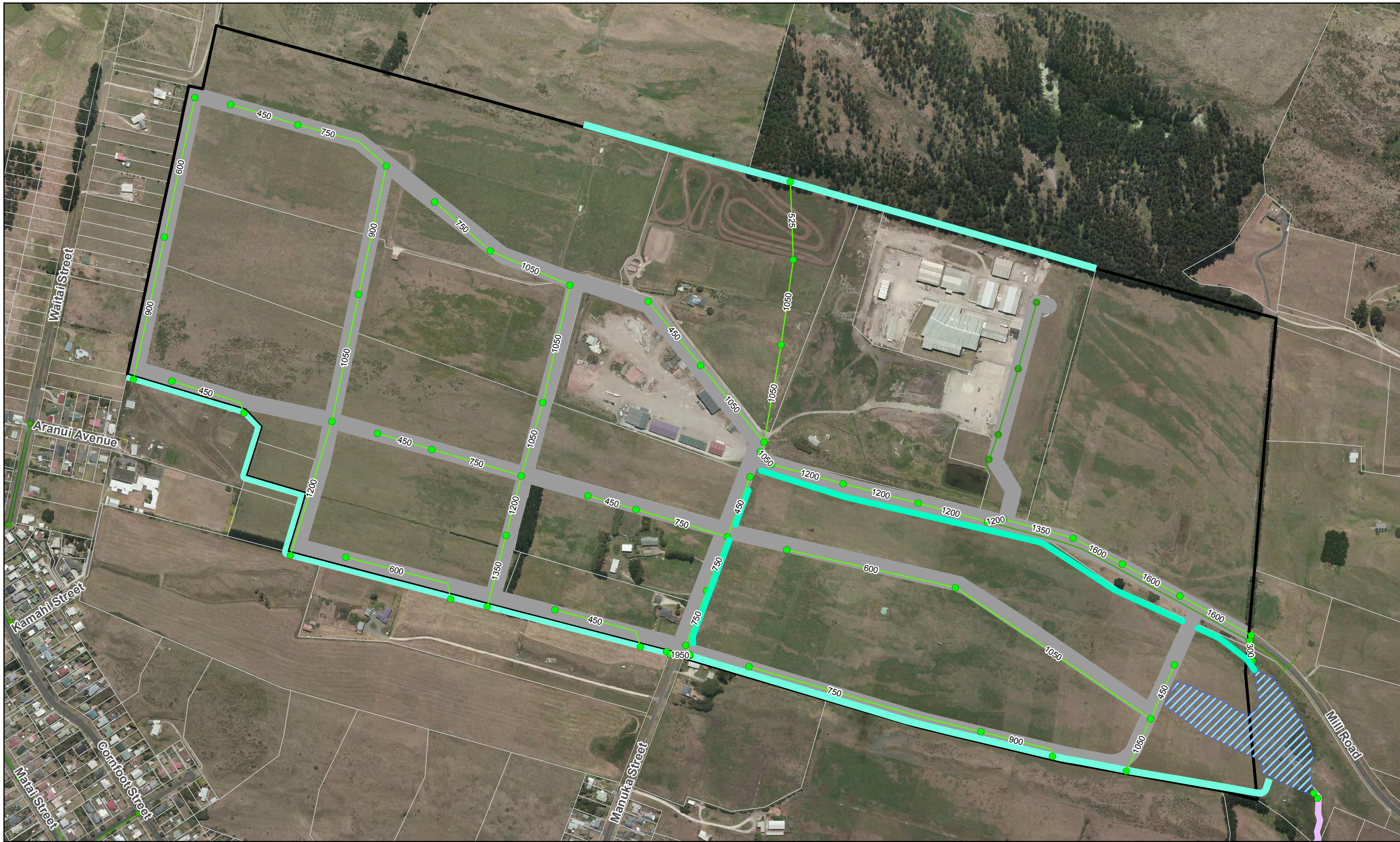
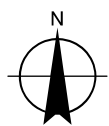


Appendix F – Stormwaters Maps



Paper Size A3
0 25 50 100 150 200 Meters
1:5,000
Map Projection: New Zealand Map Grid
Horizontal Datum: New Zealand 1949
Grid: GD 1949 New Zealand Map Grid



LEGEND

- Proposed SW Pipes
- Proposed SW MHs
- Proposed Open Drain
- Proposed Storage Pond
- Existing SW pipe
- Existing SW MH
- Mill Road Structure Plan Area
- Proposed Roads
- Properties

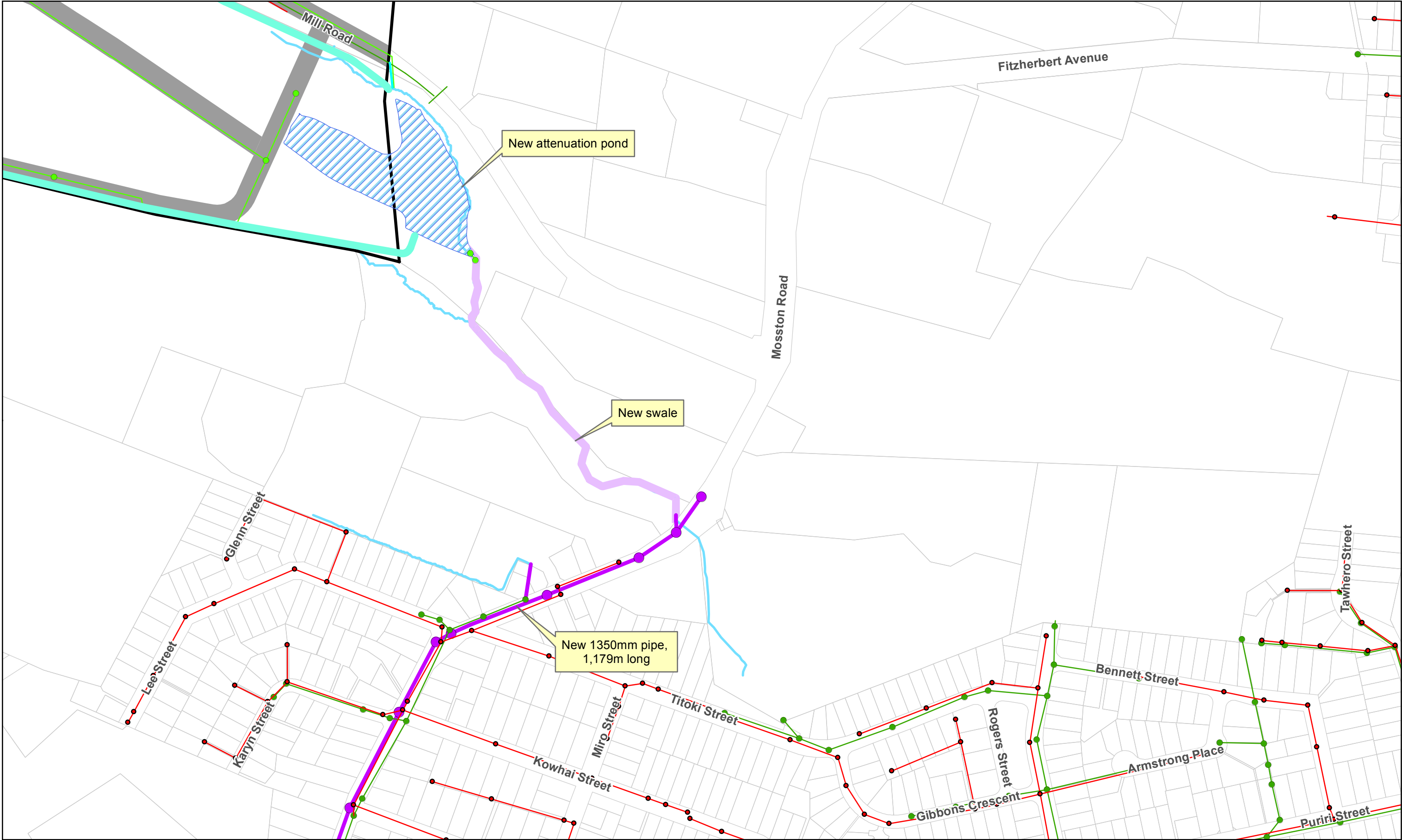


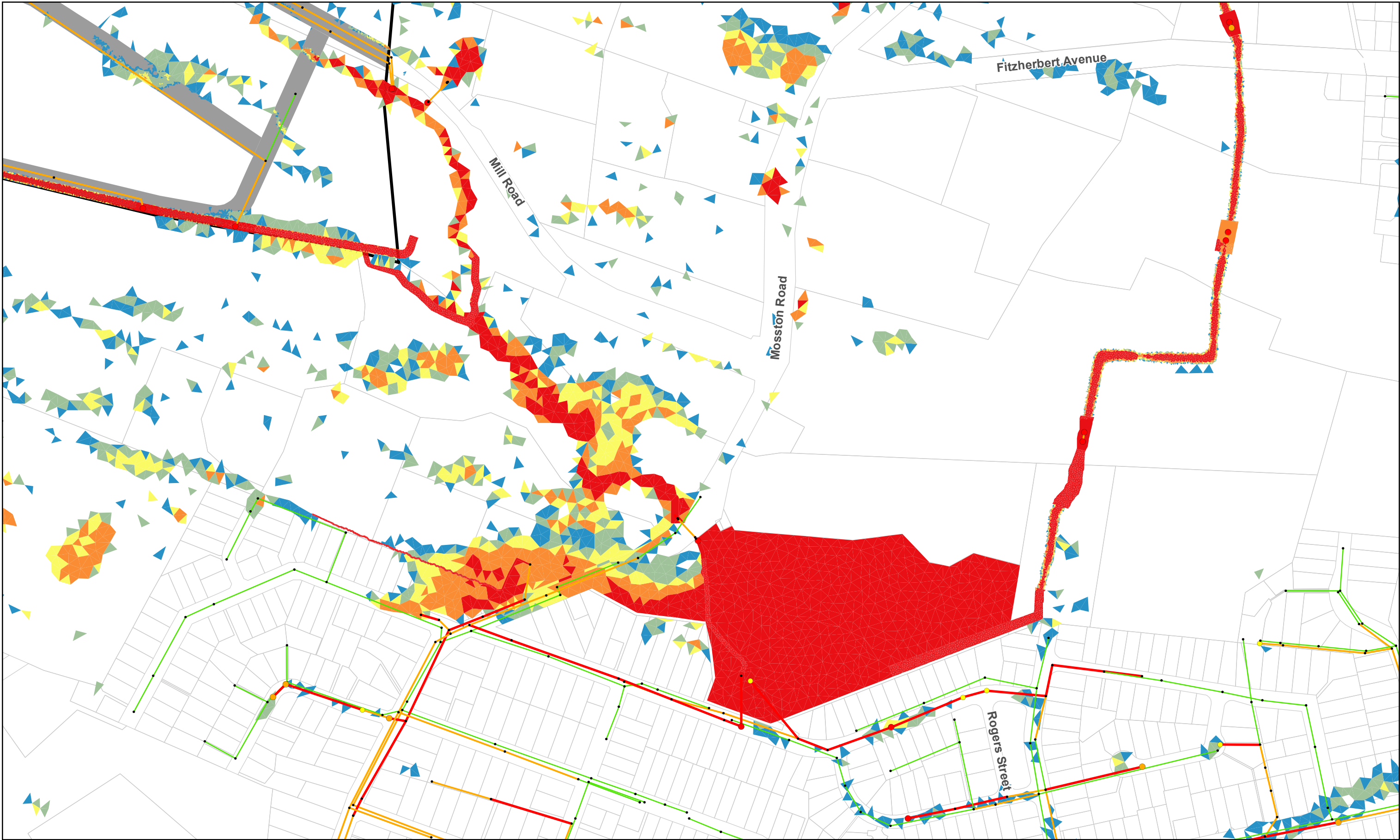
**WHANGANUI
DISTRICT COUNCIL**
Te Kaunihera a Rohe o Whanganui

Whanganui District Council
Mill Road Industrial Area Structure Plan

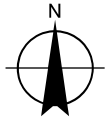
Proposed Stormwater Layout

Job Number 51-37446
Revision 0
Date 21 Aug 2018





Paper Size A3
0 20 40 80 120 160 Meters
1:4,000
Map Projection: New Zealand Map Grid
Horizontal Datum: New Zealand 1949
Grid: GD 1949 New Zealand Map Grid



LEGEND

Manhole Spill Volume Stormwater Pipe

- No Spilling
- 0.1 - 50 m3
- 50 - 100 m3
- > 100 m3

— Not surcharged
— Surcharged due to backwater
— Surcharged due to pipe capacity

Flood Depth (m)

- 0.05 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.5
- > 0.5

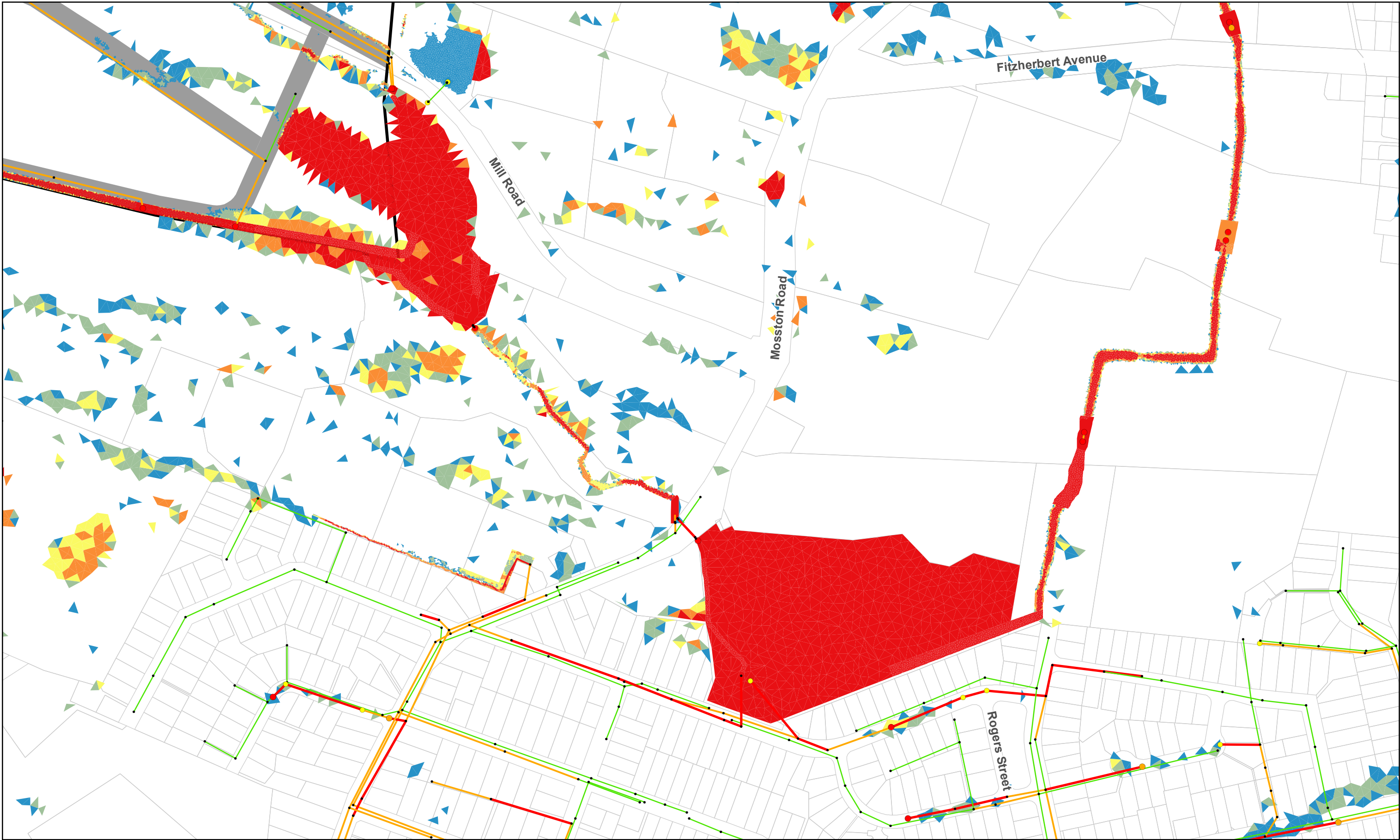
■ Mill Road Structure Plan Area
— Proposed Roads
□ Properties



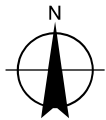
**WHANGANUI
DISTRICT COUNCIL**
Te Kaunihera a Rohe o Whanganui

Whanganui District Council
Mill Road Industrial Area Structure Plan
**0.5% AEP
Stormwater System Performance
Without Upgrades**

Job Number 51-37446
Revision 0
Date 25 Aug 2018



Paper Size A3
0 20 40 80 120 160 Meters
1:4,000
Map Projection: New Zealand Map Grid
Horizontal Datum: New Zealand 1949
Grid: GD 1949 New Zealand Map Grid



LEGEND

Manhole Spill Volume Stormwater Pipe

- No Spilling
- 0.1 - 50 m3
- 50 - 100 m3
- > 100 m3
- Not surcharged
- Surcharged due to backwater
- Surcharged due to pipe capacity

Flood Depth (m)

- 0.05 - 0.1
- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.5
- > 0.5

- Mill Road Structure Plan Area
- Proposed Roads
- Properties



**WHANGANUI
DISTRICT COUNCIL**
Te Kaunihera a Rohe o Whanganui

Whanganui District Council
Mill Road Industrial Area Structure Plan

**0.5% AEP
Stormwater System Performance
With Upgrades**

Job Number 51-37446
Revision 0
Date 25 Aug 2018

N:\NZ\Wellington\Projects\51\37446\GIS\Maps\Working\51-3744603_Mill_Road_Stormwater_Sys_Perf - Upgraded.mxd

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Data source: GHD: catchment, staging (2016); WDC: wastewater assets. Created by:arbaughan

Level 2, 52 The Square, Palmerston North, 4410 T 64 6 353 1800 F 64 6 353 1801 E palmmail@ghd.com W www.ghd.com