

Figure D14 -
Developed Case
2% AEP Peak
Flow Velocity

LEGEND

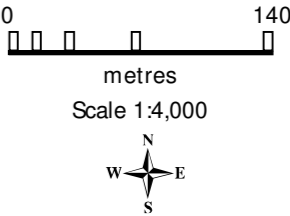
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Flow Velocity (m/s)

	0	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	2	to	3
	Greater	than	3

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
Revision Number: 1
Client Name: Gladstone Regional Council



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Figure D15 -
Developed Case
5% AEP Peak
Flow Velocity

LEGEND

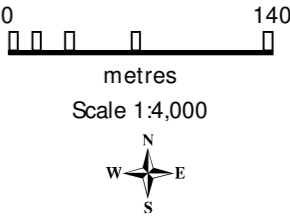
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Flow Velocity (m/s)

	0	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	2	to	3
	Greater	than	3

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure D16 -
Developed Case
10% AEP Peak
Flow Velocity

LEGEND

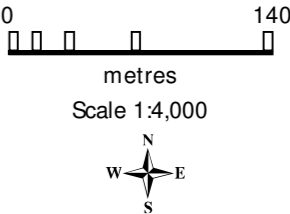
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Flow Velocity (m/s)

	0	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	2	to	3
	Greater	than	3

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
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Figure D17 -
Developed Case
20% AEP Peak
Flow Velocity

LEGEND

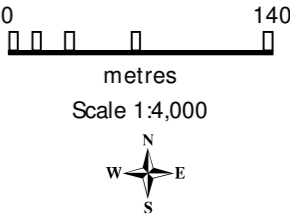
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Flow Velocity (m/s)

	0	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	2	to	3
	Greater	than	3

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure D18 -
Developed Case
50% AEP Peak
Flow Velocity

LEGEND

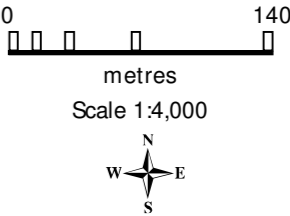
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Flow Velocity (m/s)

	0	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	2	to	3
	Greater	than	3

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure D19 -
Developed Case
1% AEP Peak
Flood Afflux

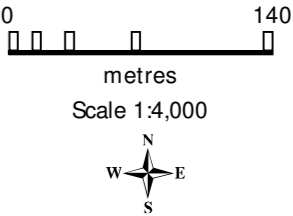
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)		
	-1	to -0.1
	-0.1	to -0.01
	0.01	to 0.05
	0.05	to 0.1
	0.1	to 0.25
	0.25	to 0.5
	Greater	than 0.5
	Area was wet now dry	
	Area was dry not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
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Figure D20 -
Developed Case
2% AEP Peak
Flood Afflux

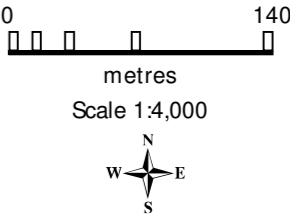
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)		
	-1	to -0.1
	-0.1	to -0.01
	0.01	to 0.05
	0.05	to 0.1
	0.1	to 0.25
	0.25	to 0.5
	Greater	than 0.5
	Area was wet now dry	
	Area was dry not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
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Figure D21 -
Developed Case
5% AEP Peak
Flood Afflux

LEGEND

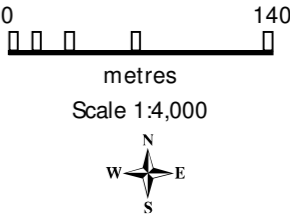
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)

	-1	to	-0.1
	-0.1	to	-0.01
	0.01	to	0.05
	0.05	to	0.1
	0.1	to	0.25
	0.25	to	0.5
	Greater	than	0.5
	Area was wet	now dry	
	Area was dry	not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
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Figure D22 -
Developed Case
10% AEP Peak
Flood Afflux

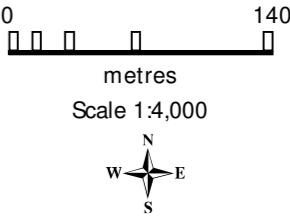
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)		
	-1	to -0.1
	-0.1	to -0.01
	0.01	to 0.05
	0.05	to 0.1
	0.1	to 0.25
	0.25	to 0.5
	Greater	than 0.5
	Area was wet now dry	
	Area was dry not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
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Figure D23 -
Developed Case
20% AEP Peak
Flood Afflux

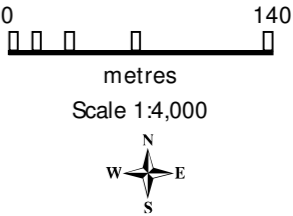
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)		
	-1	to -0.1
	-0.1	to -0.01
	0.01	to 0.05
	0.05	to 0.1
	0.1	to 0.25
	0.25	to 0.5
	Greater	than 0.5
	Area was wet now dry	
	Area was dry not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure D24 -
Developed Case
50% AEP Peak
Flood Afflux

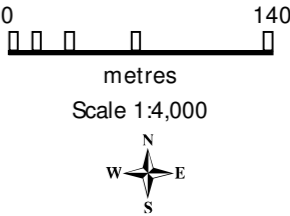
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Proposed Stormwater Pit
- Modelled Proposed Stormwater Pipe

Afflux (m)		
	-1	to -0.1
	-0.1	to -0.01
	0.01	to 0.05
	0.05	to 0.1
	0.1	to 0.25
	0.25	to 0.5
	Greater	than 0.5
	Area was wet now dry	
	Area was dry not wet	

Agnes Street
Carpark
Stormwater
Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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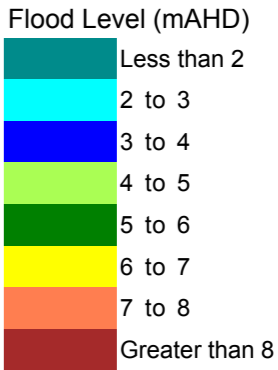
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Figure M1 - Mitigated Case 1% AEP Peak Flood Level

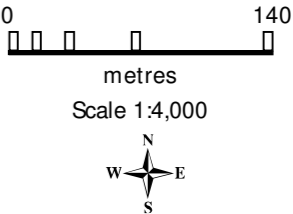
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe



Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure M2 - Mitigated Case 2% AEP Peak Flood Level

LEGEND

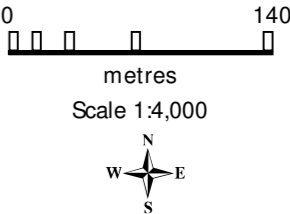
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Level (mAHD)

Less than 2
2 to 3
3 to 4
4 to 5
5 to 6
6 to 7
7 to 8
Greater than 8

Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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Figure M3 - Mitigated Case 5% AEP Peak Flood Level

LEGEND

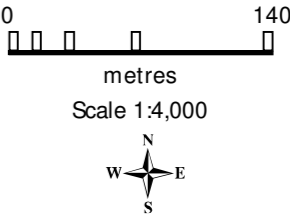
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Level (mAHD)

Less than 2
2 to 3
3 to 4
4 to 5
5 to 6
6 to 7
7 to 8
Greater than 8

Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
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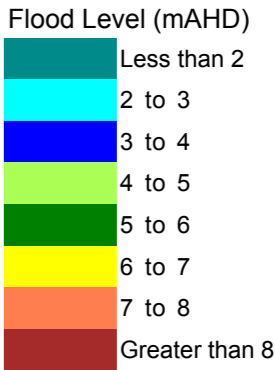
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Figure M4 - Mitigated Case 10% AEP Peak Flood Level

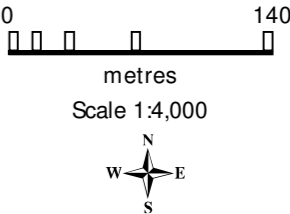
LEGEND

- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe



Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
Date: July 2020
Revision Number: 1
Client Name: Gladstone Regional Council



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Figure M5 - Mitigated Case 20% AEP Peak Flood Level

LEGEND

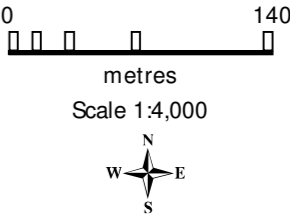
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Level (mAHD)

Less than 2
2 to 3
3 to 4
4 to 5
5 to 6
6 to 7
7 to 8
Greater than 8

Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET	A3
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Figure M6 - Mitigated Case 50% AEP Peak Flood Level

LEGEND

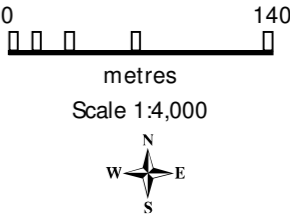
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Level (mAHD)

Less than 2
2 to 3
3 to 4
4 to 5
5 to 6
6 to 7
7 to 8
Greater than 8

Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
Mitigated Model: D008



SHEET A3
Project No: R2020043
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