

Figure M7 - Mitigated Case 1% AEP Peak Flood Depth

LEGEND

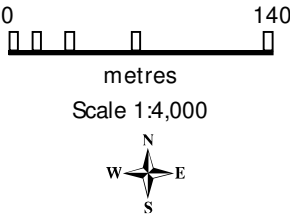
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

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 M8 - Mitigated Case 2% AEP Peak Flood Depth

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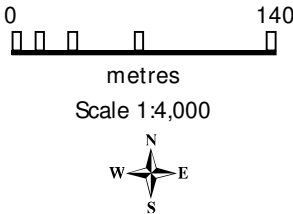
- Model Downstream Boundary
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- Modelled Existing Stormwater Pipe
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- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

Agnes Street Carpark Stormwater Assessment

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



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Figure M9 - Mitigated Case 5% AEP Peak Flood Depth

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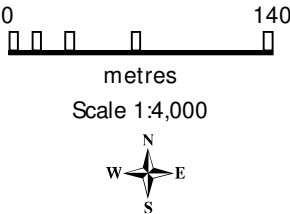
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- Cadastral Boundary
- Model Extent
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- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

Agnes Street Carpark Stormwater Assessment

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



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Figure M10 - Mitigated Case 10% AEP Peak Flood Depth

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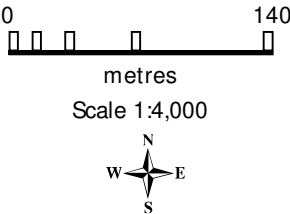
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- Cadastral Boundary
- Model Extent
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- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

Agnes Street Carpark Stormwater Assessment

Pre Model: 002
Post Model: D001
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Figure M11 - Mitigated Case 20% AEP Peak Flood Depth

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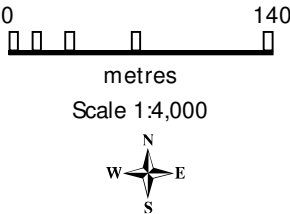
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- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

Agnes Street Carpark Stormwater Assessment

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



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Figure M12 - Mitigated Case 50% AEP Peak Flood Depth

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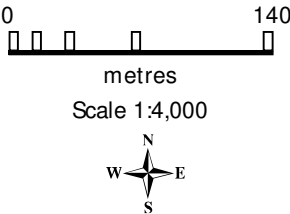
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

Flood Depth (m)

	0	to	0.1
	0.1	to	0.2
	0.2	to	0.3
	0.3	to	0.5
	0.5	to	1
	1	to	1.5
	1.5	to	2
	Greater	than	2

Agnes Street Carpark Stormwater Assessment

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



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Figure M13 - Mitigated Case 1% AEP Peak Flow Velocity

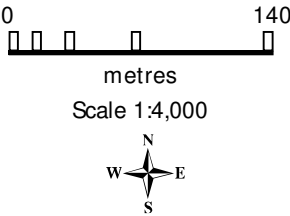
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- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

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



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Figure M14 - Mitigated Case 2% AEP Peak Flow Velocity

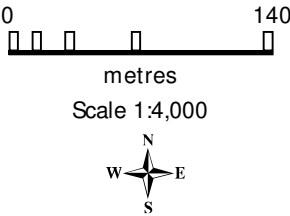
LEGEND

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



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Figure M15 - Mitigated Case 5% AEP Peak Flow Velocity

LEGEND

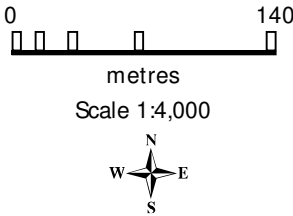
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

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



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Figure M16 - Mitigated Case 10% AEP Peak Flow Velocity

LEGEND

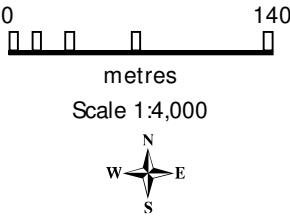
- Model Downstream Boundary
- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

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



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Figure M17 - Mitigated Case 20% AEP Peak Flow Velocity

LEGEND

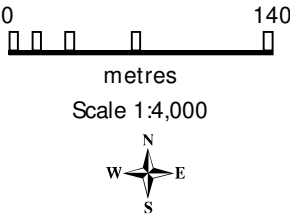
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- Modelled Existing Stormwater Pit
- Modelled Existing Stormwater Pipe
- Subject Site
- Cadastre Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded Stormwater Pipe

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 M18 - Mitigated Case 50% AEP Peak Flow Velocity

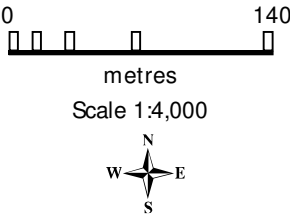
LEGEND

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- Modelled Existing Stormwater Pipe
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- Cadastral Boundary
- Model Extent
- Modelled Upgraded Stormwater Pit
- Modelled Upgraded 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

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Post Model: D001
Mitigated Model: D008



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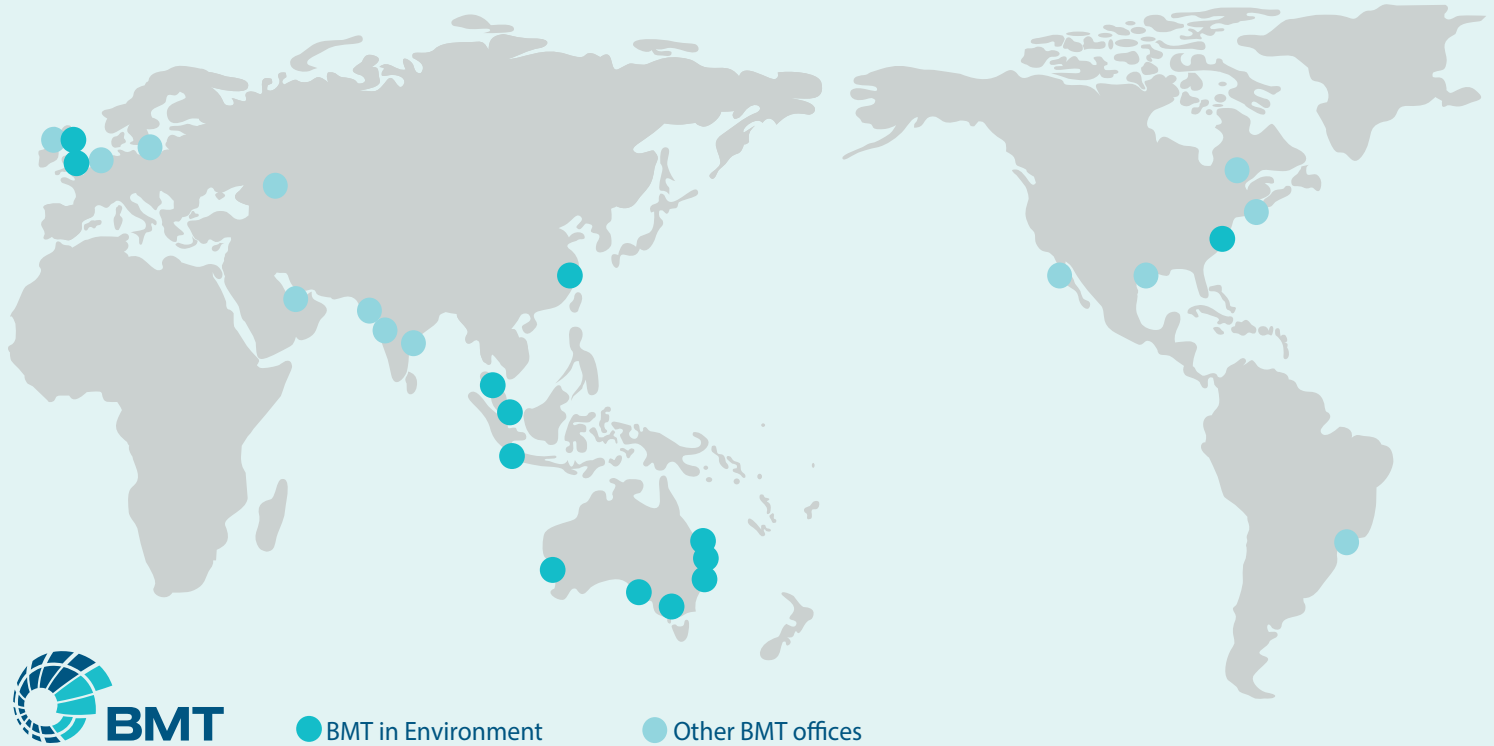
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