Figure E16 - Existing Case 10% AEP Peak Flow Velocity

LEGEND

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure E17 - Existing Case 20% AEP Peak Flow Velocity

LEGEND

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

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

0 140
metres
Scale 1:4,000

N
W E
S

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

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Figure E18 - Existing Case 50% AEP Peak Flow Velocity

LEGEND

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

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

0 140
metres
Scale 1:4,000

N
W E
S

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

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Figure D1 - Developed 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 Proposed Stormwater Pit
- Modelled Proposed 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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D2 - Developed 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 Proposed Stormwater Pit
- Modelled Proposed 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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D3 - Developed 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 Proposed Stormwater Pit
- Modelled Proposed 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

0 140
metres
Scale 1:4,000

N W E S

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Project No:	R2020043
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Figure D4 - Developed Case 10% AEP Peak Flood Level

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D5 - Developed Case 20% AEP Peak Flood Level

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D6 - Developed Case 50% AEP Peak Flood Level

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D7 - Developed Case 1% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D8 - Developed Case 2% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D9 - Developed Case 5% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

SHEET	A3
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Figure D10 - Developed Case 10% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

SHEET	A3
Project No:	R2020043
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Client Name:	Gladstone Regional Council

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Figure D11 - Developed Case 20% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

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Figure D12 - Developed Case 50% AEP Peak Flood Depth

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

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

0 140
metres
Scale 1:4,000

N W E S

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

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Figure D13 - Developed Case 1% 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

0 140
metres
Scale 1:4,000

N W E S

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

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