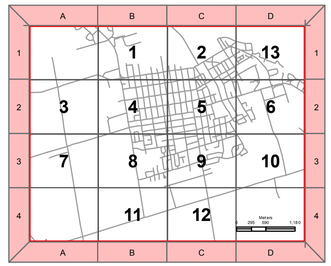
Appendix 11 - A

Results: PCSWMM 2D Model Simulation

Collingwood

Flood Inundation
(100 year 24 hour SCS)



Legend

- Water Course
- Road
- Right of Way
- Building Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: Index

1:8,000

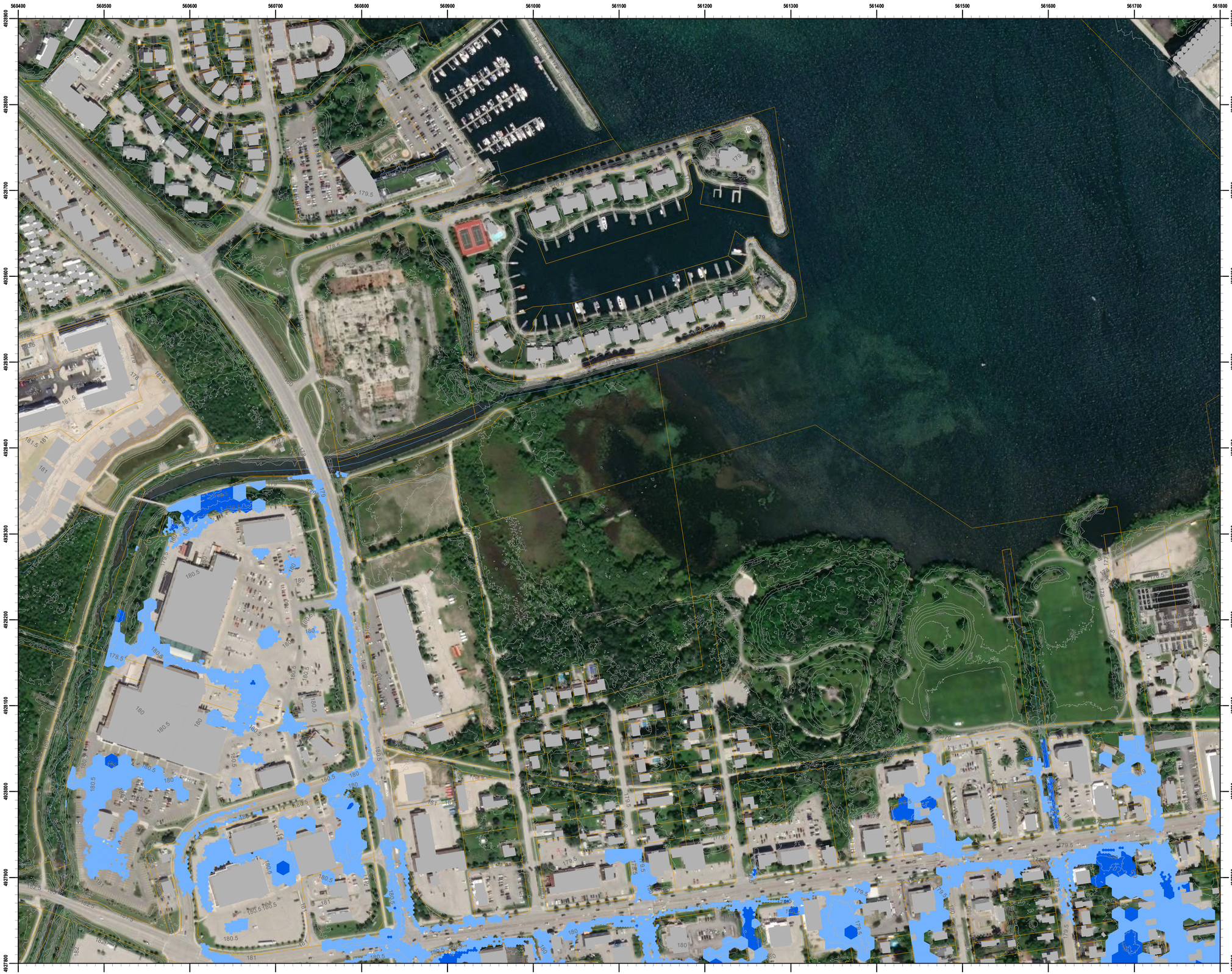
Meters 0 80 160 320 480 640 800

Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground

All measurements are in Metric.

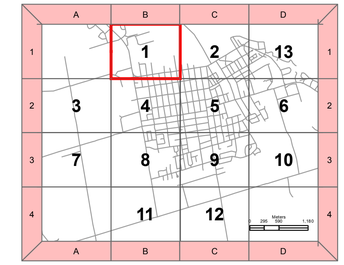
Vertical Datum: Mean Sea Level (G.S.C.)
Horizontal Datum: North American Datum 1983 (NAD 83)
Projection: Universal Transverse Mercator
Zone: 17
Central Meridian: 81° West
Grid Spacing: 100 Meters

NOTES:
1. Floodlines were generated using a DEM derived from a LiDAR survey.
2. Where a discrepancy between the contours and the Floodlineis evident, the Floodline shall take precedence.
3. An additional topographic survey and professional expertise may be used to more precisely locate the Floodline on specific properties.



Collingwood

Flood Inundation
(100 year 24 hour SCS)



Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 1

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

Scale: 1 : 2,000
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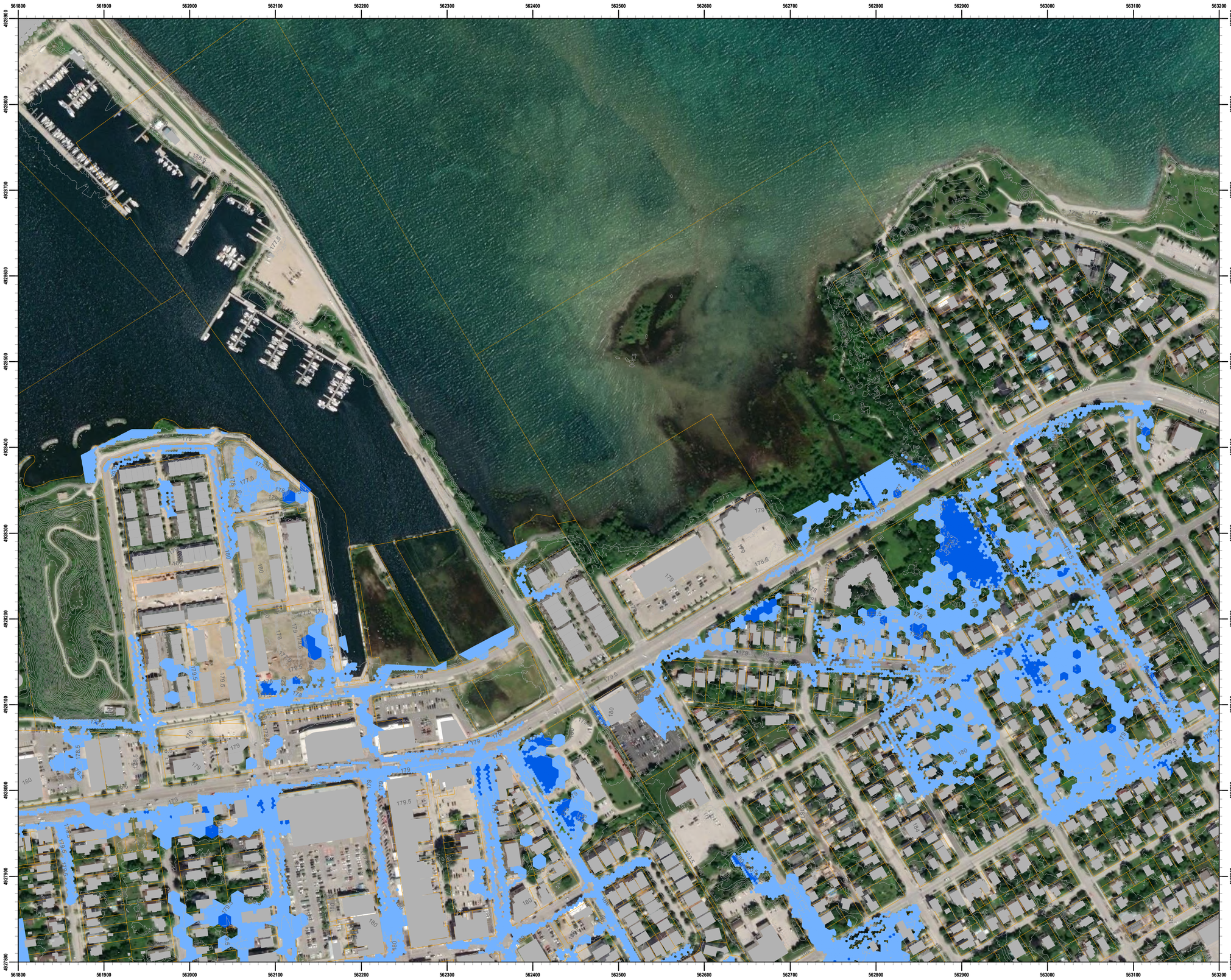
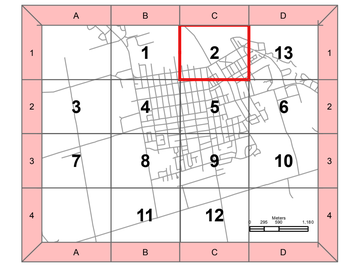


Collingwood

Flood Inundation
(100 year 24 hour SCS)



Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 2

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground

All measurements are in Metric.

Vertical Datum: Mean Sea Level (G.S.C.)
Horizontal Datum: North American Datum 1983 (NAD 83)
Projection: Universal Transverse Mercator
Zone: 17
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Collingwood

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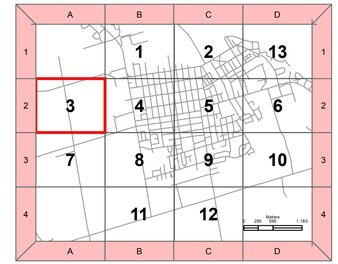
(100 year 24 hour SCS)



Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 3

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground

All measurements are in Metric.

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Horizontal Datum: North American Datum 1983 (NAD 83)
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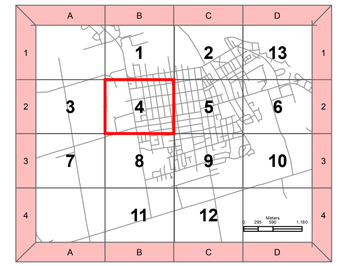

Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 4

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground

All measurements are in Metric.

Vertical Datum: Mean Sea Level (G.S.C.)
Horizontal Datum: North American Datum 1983 (NAD 83)
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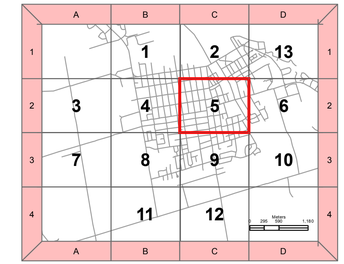

Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 5

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

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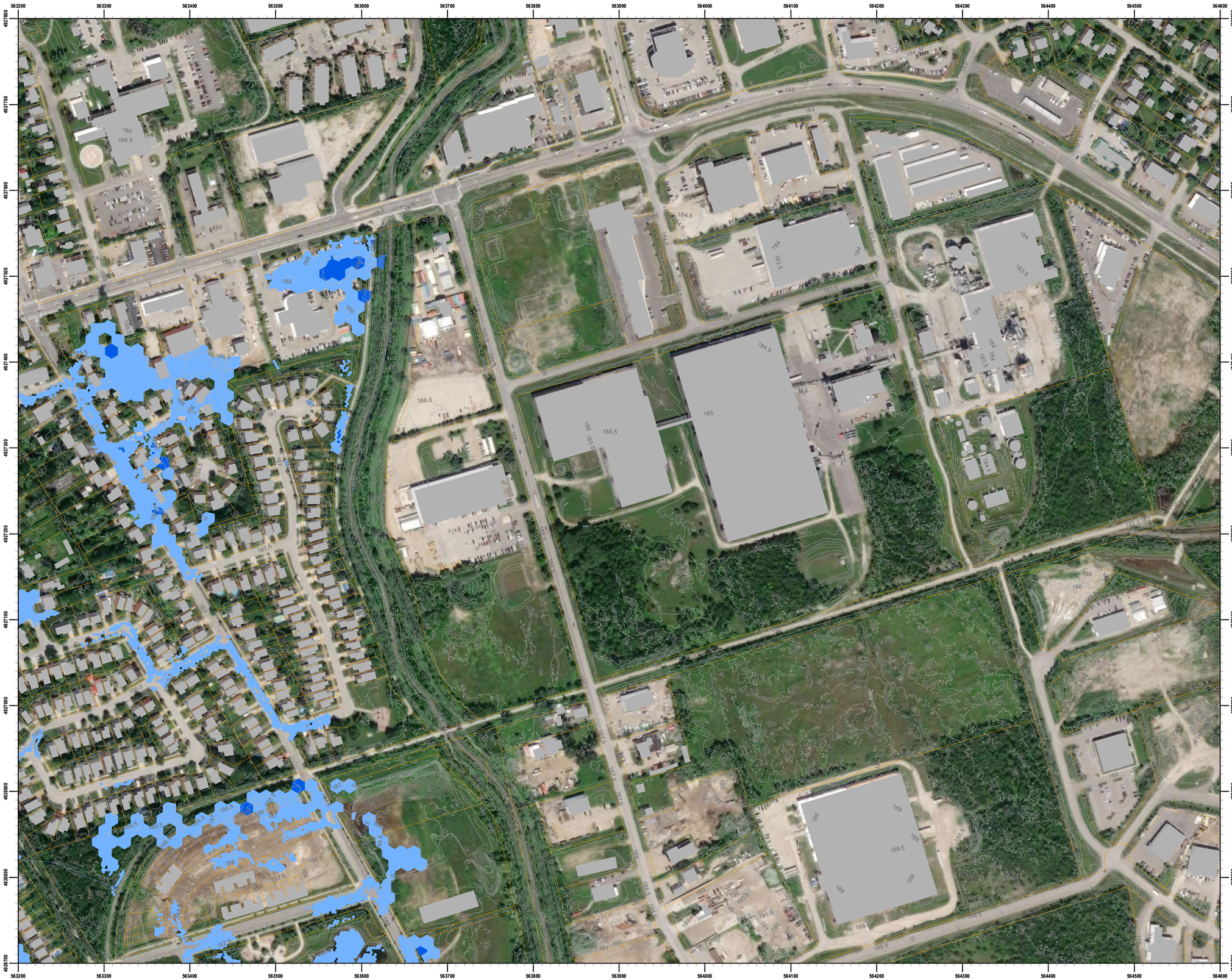

Collingwood

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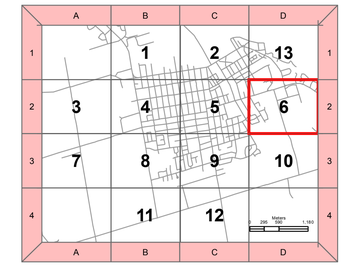
(100 year 24 hour SCS)



Legend

- Water Course
- Road
- Contour
- Property Parcels
- Building_Footprint

Flood Depth

- 0.0
- <0.25
- >=0.25

N
W E
S

Sheet: 6

1:2,000

Meters 0 600 1,200 2,400 3,600 4,800 6,000

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