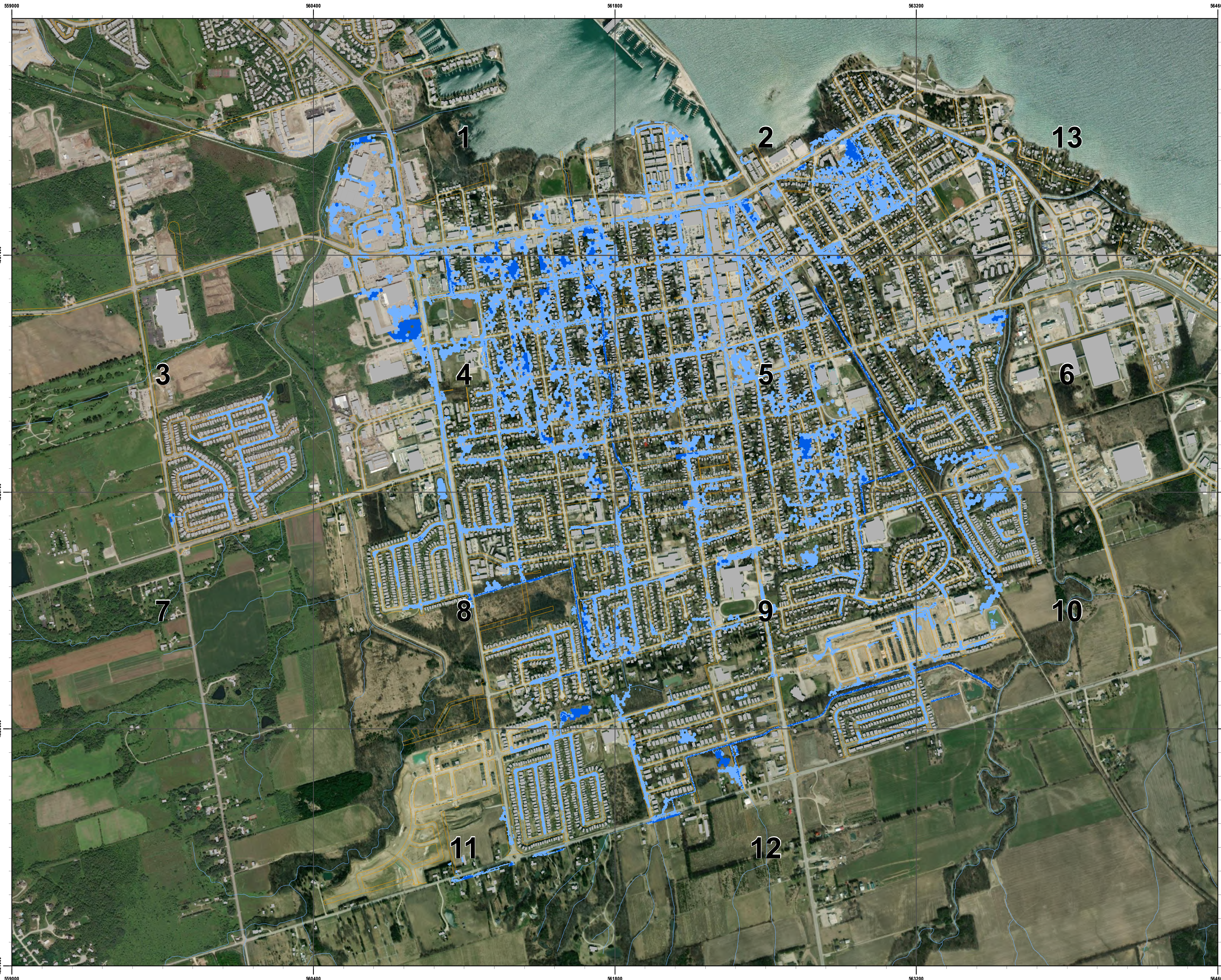


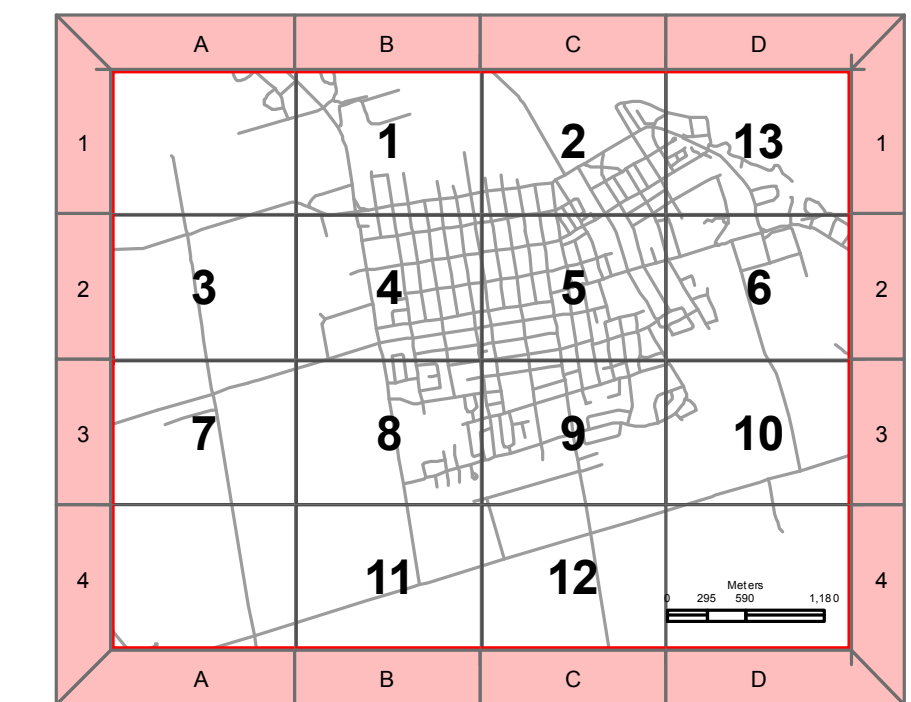
Appendix 11 - A
Results: PCSWMM 2D Model Simulation



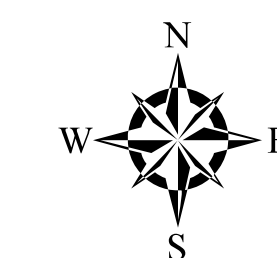
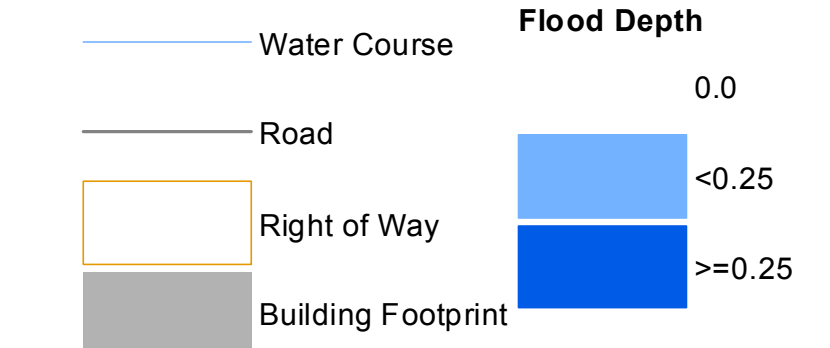


Collingwood

Flood Inundation
(100 year 24 hour SCS)

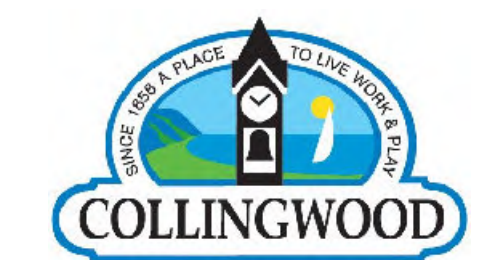
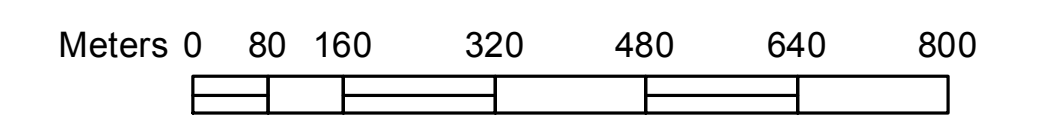


Legend



Sheet: Index

1:8,000



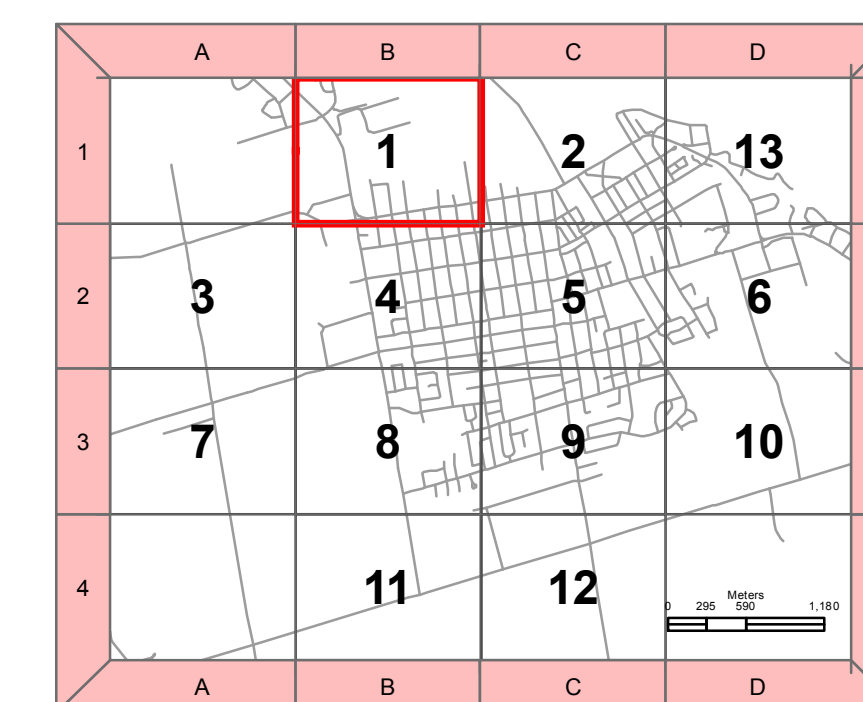
Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric

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

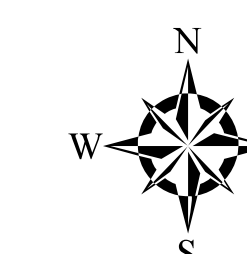
Collingwood

Flood Inundation
(100 year 24 hour SCS)



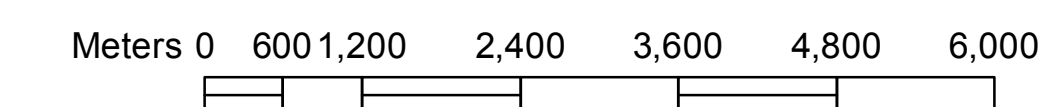
Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <0.25
 - >=0.25



Sheet: 1

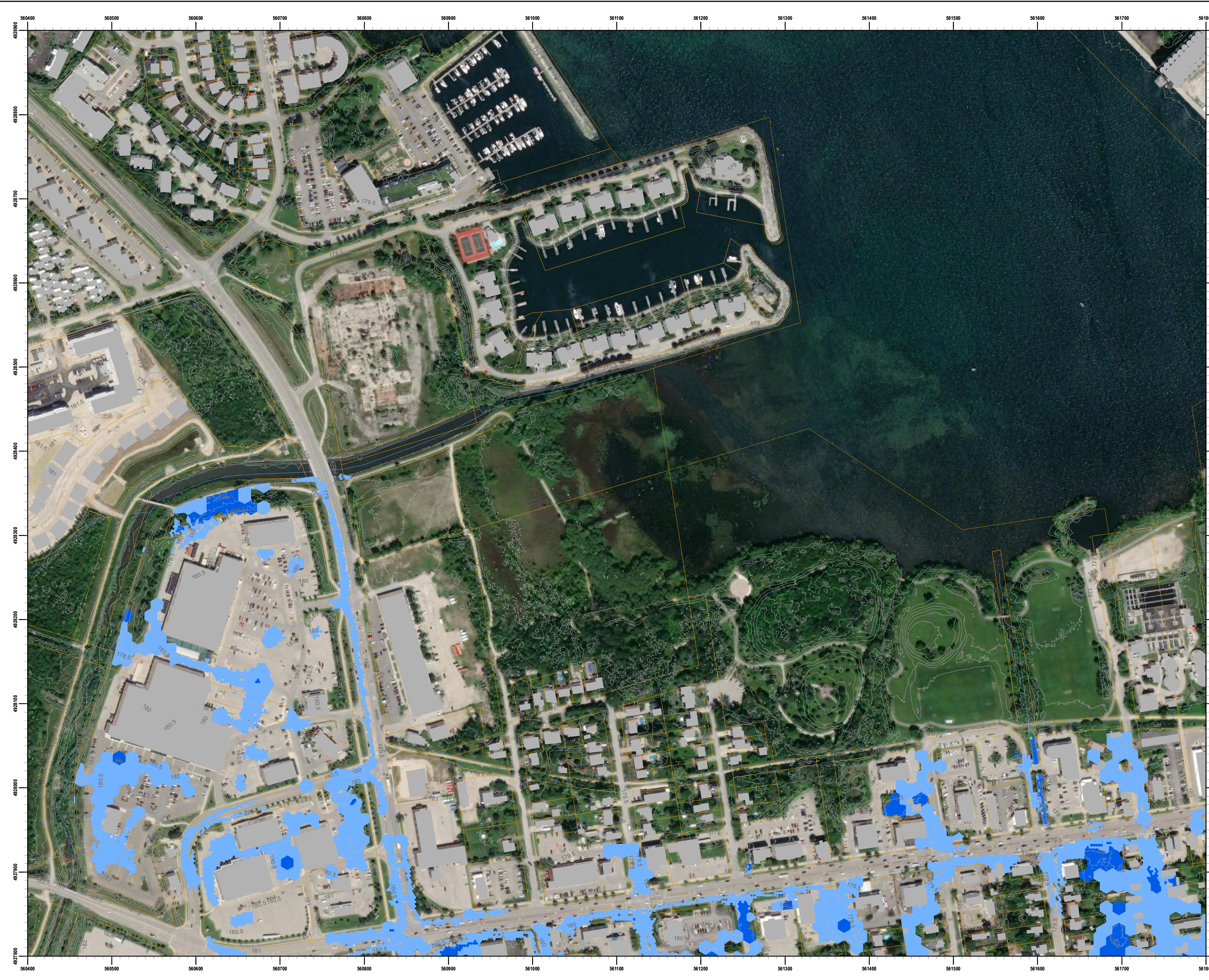
1:2,000

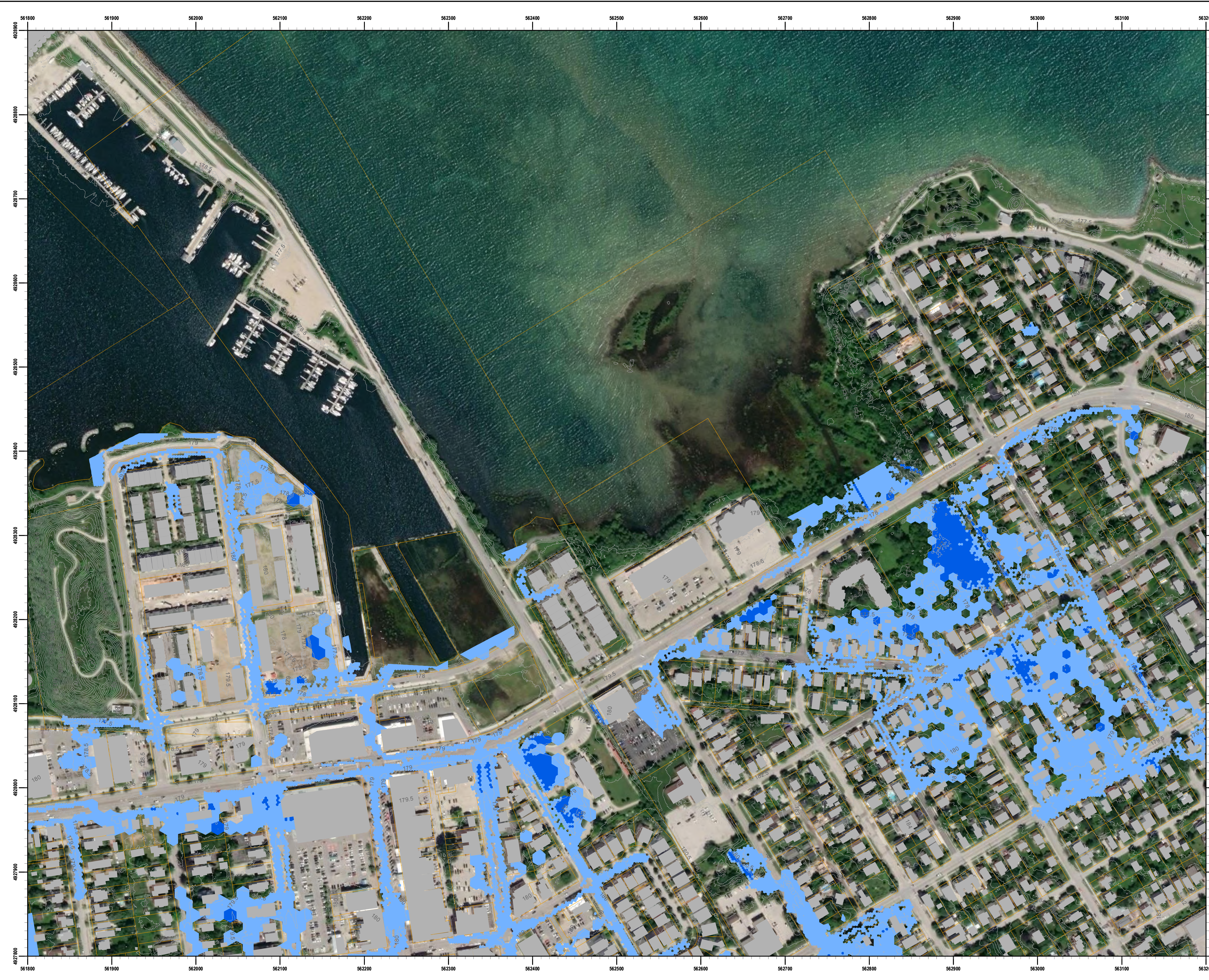


Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric.

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

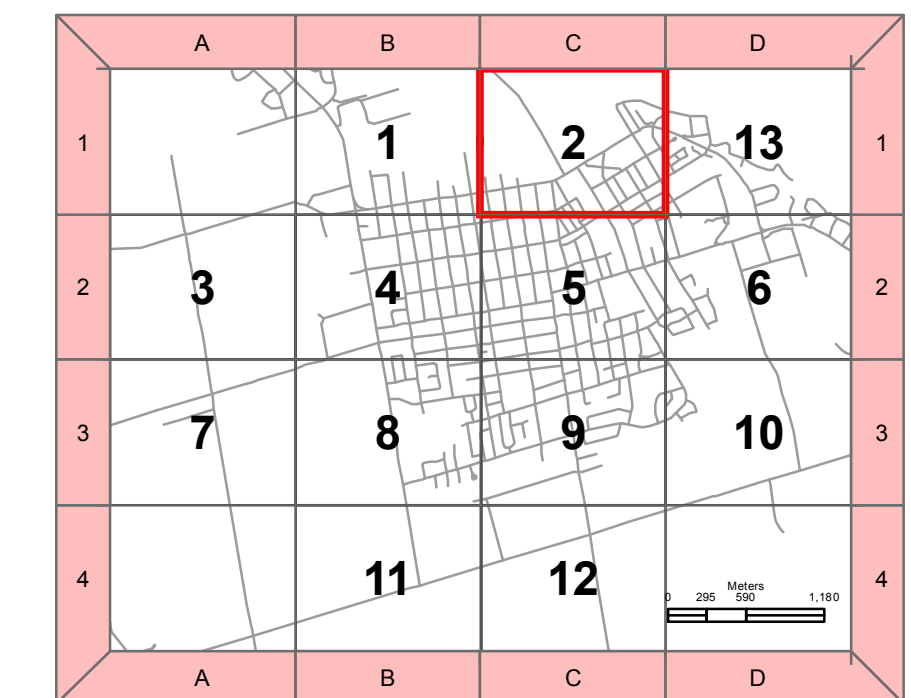
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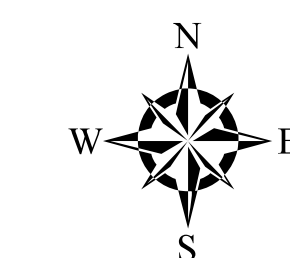
Collingwood

Flood Inundation
(100 year 24 hour SCS)



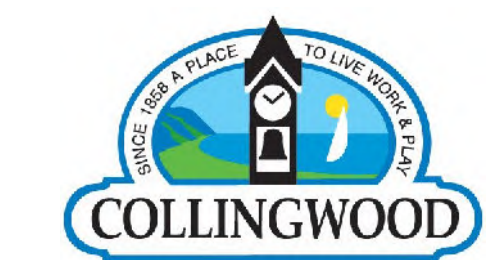
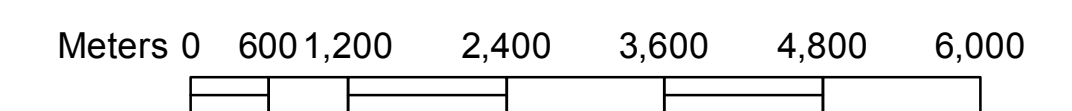
Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <0.25
 - >=0.25



Sheet: 2

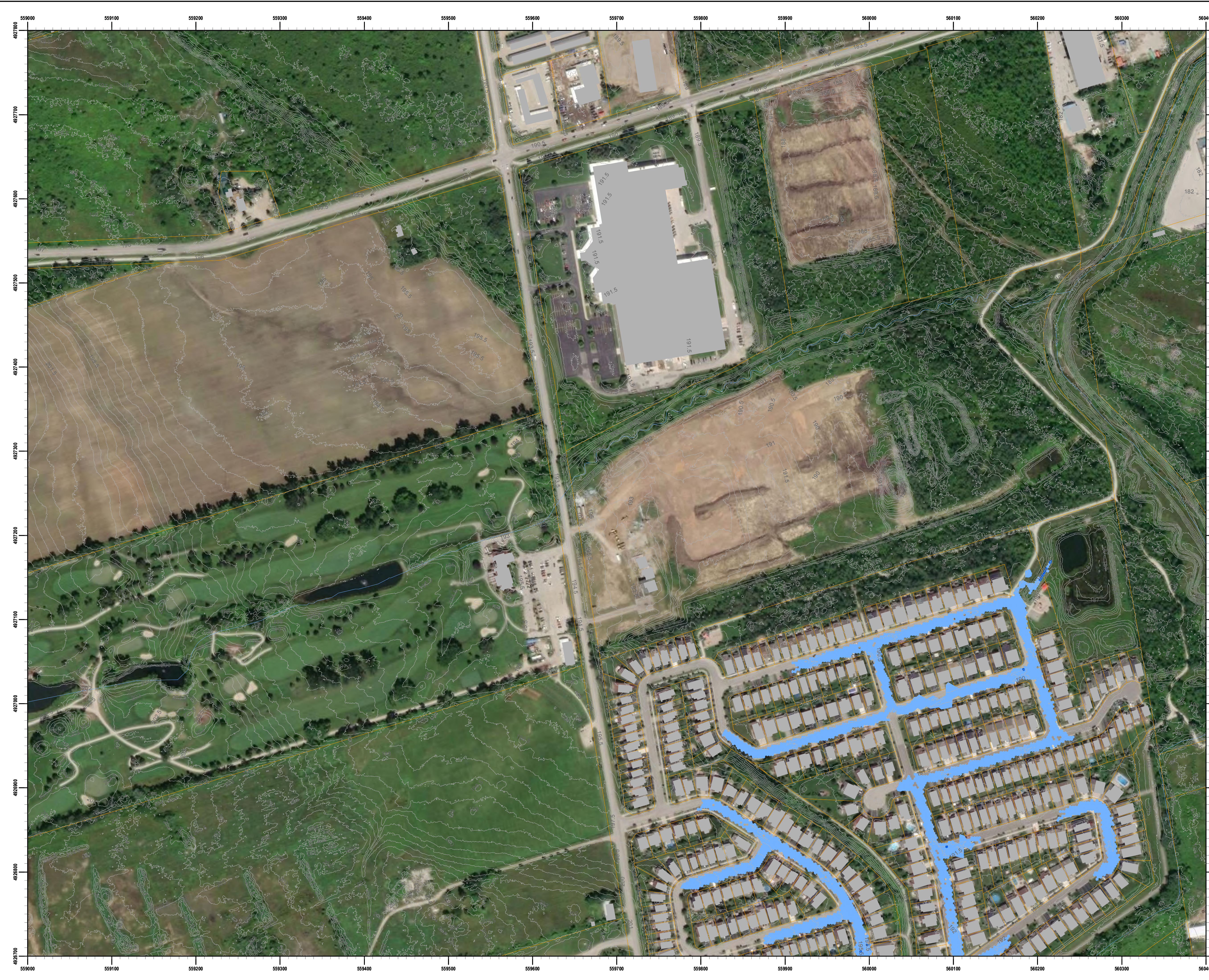
1:2,000



Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric.

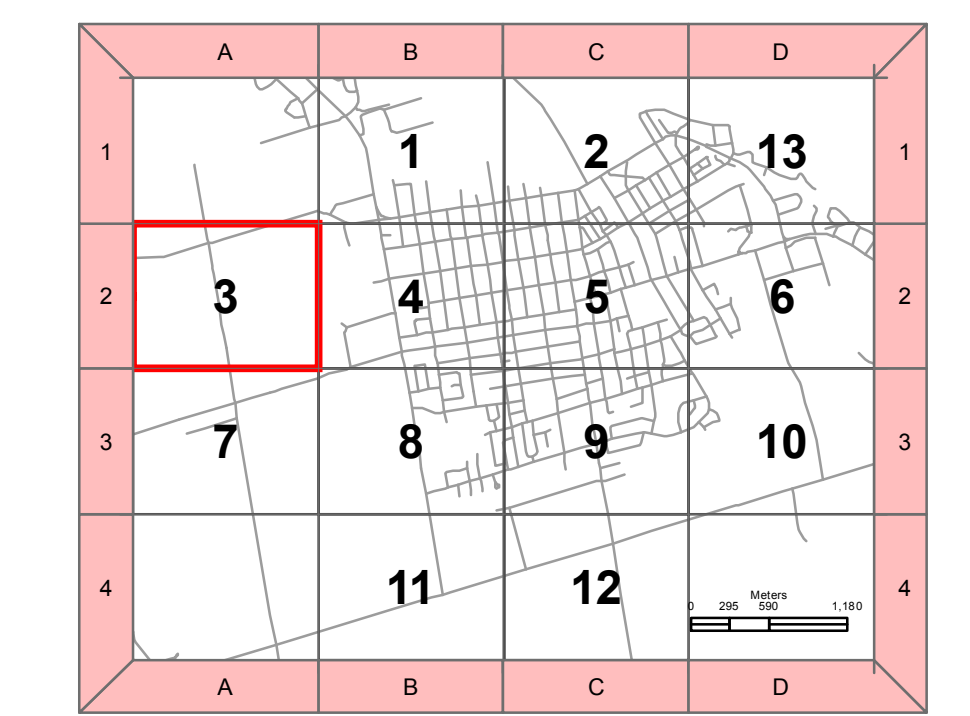
Vertical Datum: Mean Sea Level (G.S.C.)
Horizontal Datum: North American Datum 1983 (NAD 83)
Projection: Universal Transverse Mercator
Zone: 17
Central Meridian: 81° West
Grid Spacing: 100 Meters

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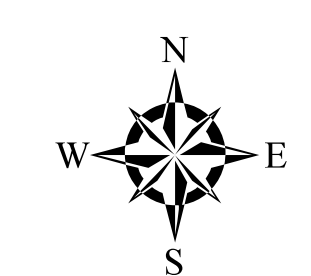
Collingwood

Flood Inundation
(100 year 24 hour SCS)



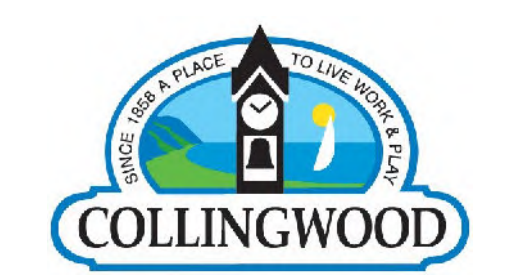
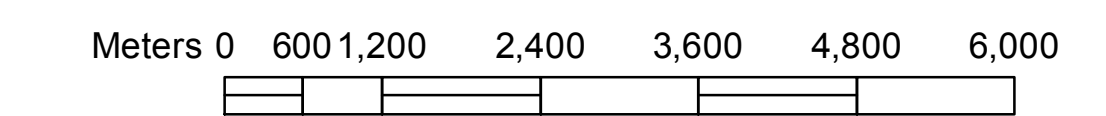
Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <0.25
 - >=0.25



Sheet: 3

1:2,000



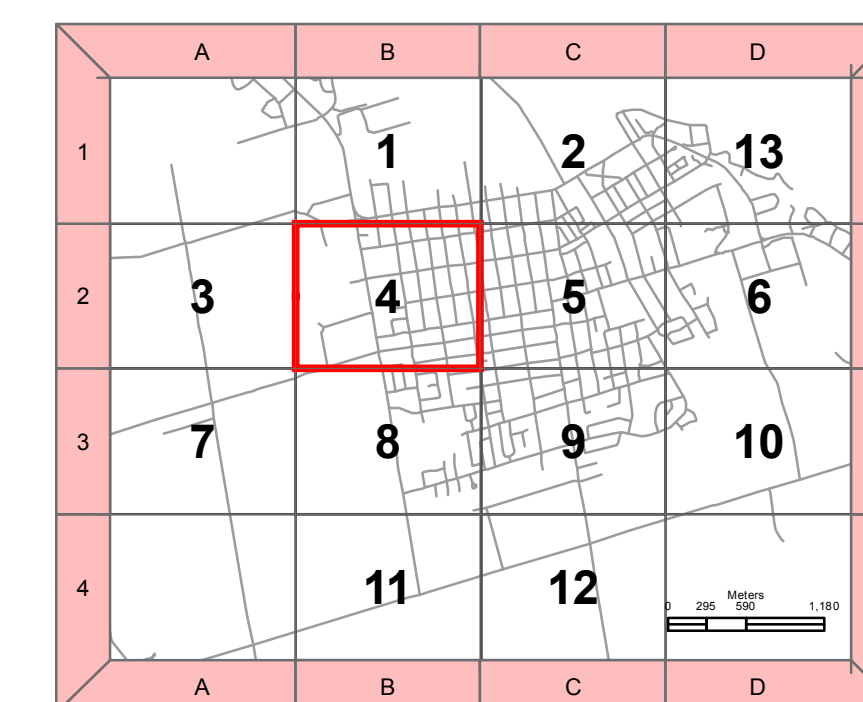
Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric.

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

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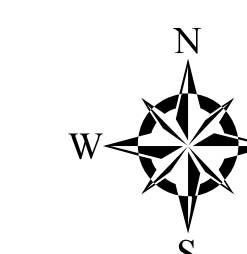
Collingwood

Flood Inundation
(100 year 24 hour SCS)



Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <0.25
 - >=0.25



Sheet: 4

1:2,000

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



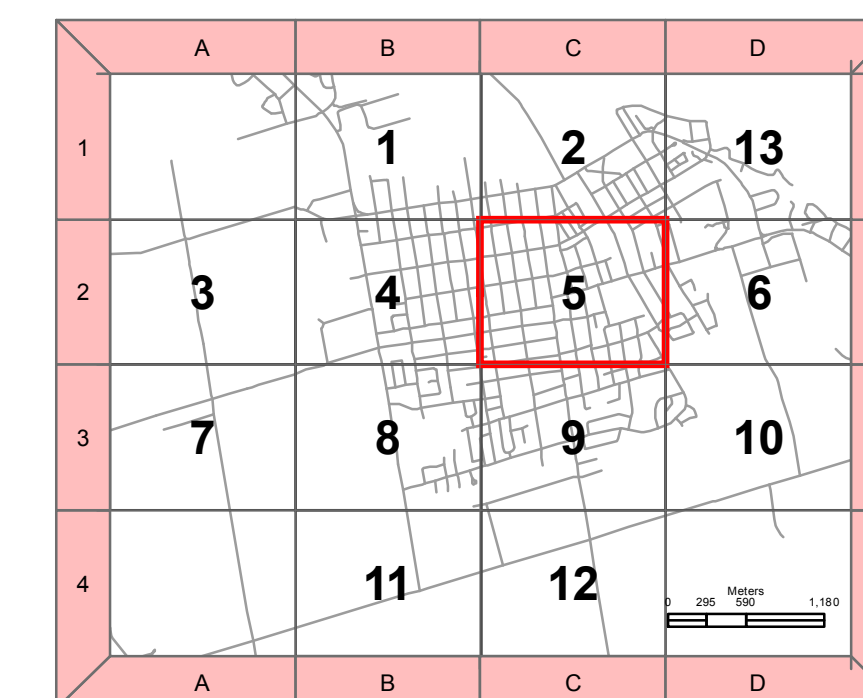
Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric.

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

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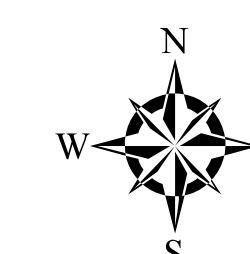
Collingwood

Flood Inundation
(100 year 24 hour SCS)



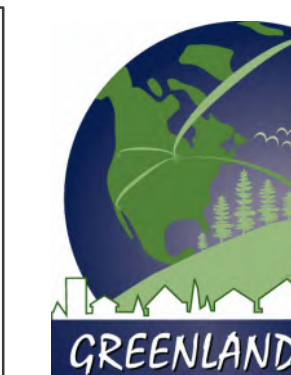
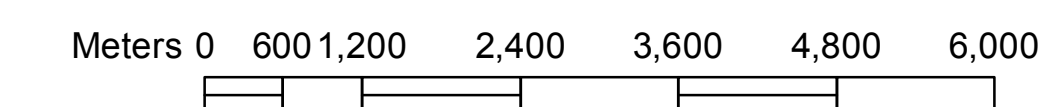
Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <0.25
 - >=0.25



Sheet: 5

1:2,000



Scale: 1 : 2,000
1 cm on the map represents 20 m on the ground
All measurements are in Metric.

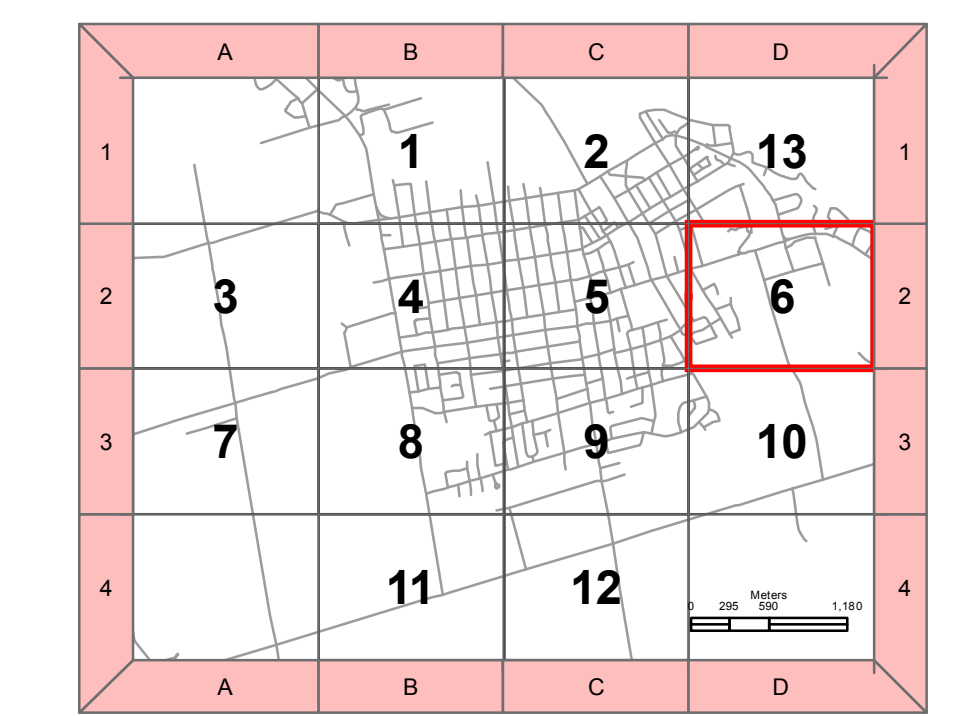
Vertical Datum: Mean Sea Level (G.S.C.)
Horizontal Datum: North American Datum 1983 (NAD 83)
Projection: Universal Transverse Mercator
Zone: 17
Central Meridian: 81° West
Grid Spacing: 100 Meters

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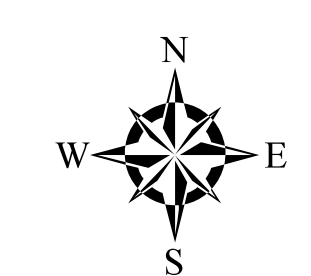
Collingwood

Flood Inundation
(100 year 24 hour SCS)



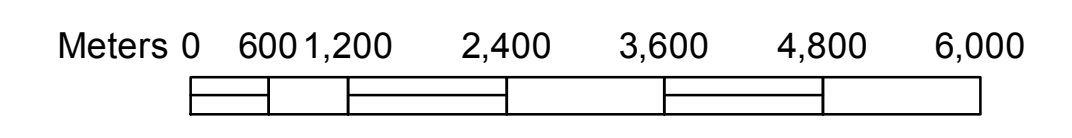
Legend

- Water Course
 - Road
 - Contour
 - Property Parcels
 - Building_Footprint
- Flood Depth**
- 0.0
 - <math><0.25</math>
 - >=0.25



Sheet: 6

1:2,000



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
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