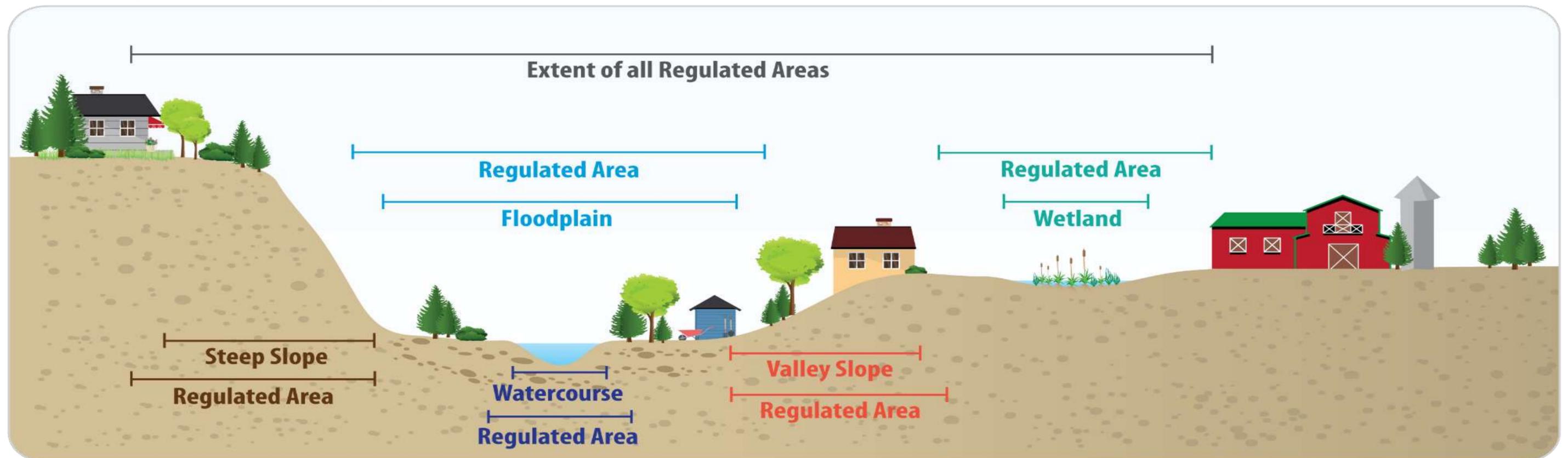


GRCA Roles in Managing Floods



Regulation of Development in Floodplains

- Flooding can threaten lives and cause property damage
- Floodplains are areas near rivers and streams that are subject to flooding
- Under the Conservation Authorities Act and Ontario Regulation 150/06, development within floodplains and other hazard lands requires a permit from GRCA
- The regulated floodplain (or riverine flooding hazard) is the land that would be inundated under a flood resulting from the rainfall experienced during Hurricane Hazel (1954)
- Floodplain mapping is created using river flows (from hydrologic models), flood elevations (from hydraulic models), and land surface mapping
- Updates to modeling and mapping undertaken for the New Hamburg Flood Mitigation Study will result in future amendments to GRCA's regulated area mapping

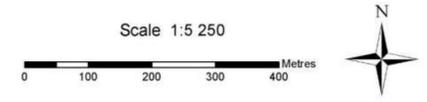




Town of New Hamburg: Proposed 1:25 Year Floodplain

Legend

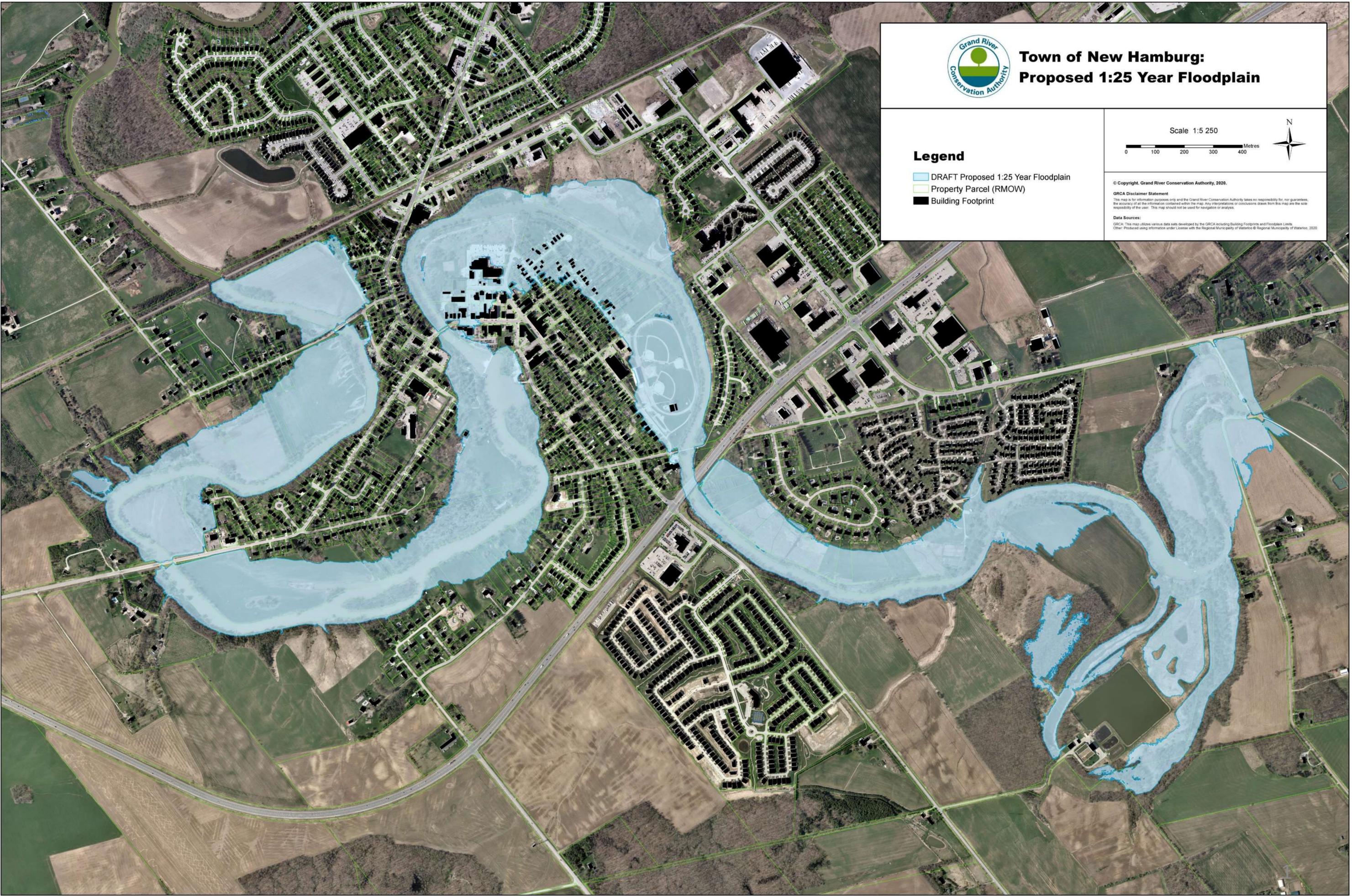
- DRAFT Proposed 1:25 Year Floodplain
- Property Parcel (RMOW)
- Building Footprint



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Data Sources:
GRCA: This map utilizes various data sets developed by the GRCA including Building Footprints and Floodplain Limits.
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Town of New Hamburg: Existing and Proposed 1:100 Year Floodplain

Legend

-  DRAFT Proposed 1:100 Year Floodplain
-  Existing 1:100 Year Floodplain
-  Property Parcel (RMOW)
-  Building Footprint

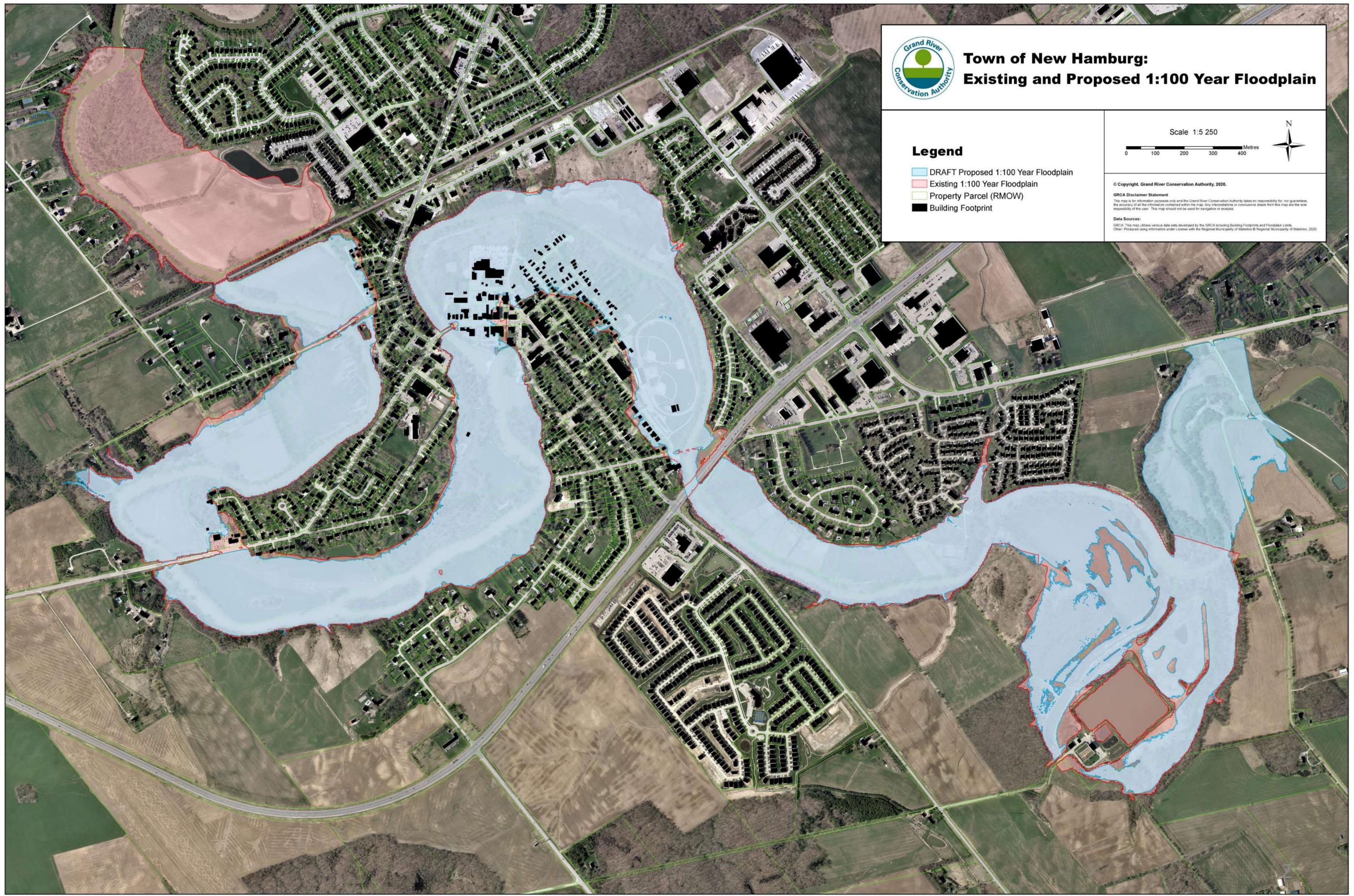
Scale 1:5 250



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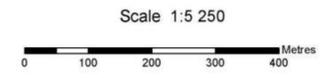




Town of New Hamburg: Existing and Proposed Regulatory Floodplain

Legend

-  DRAFT Proposed Regulatory Floodplain
-  Special Policy Area (SPA)
-  Existing Regulatory Floodplain
-  Property Parcel (RMOW)
-  Building Footprint



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