



Adam Stiers
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Regulatory Applications
Regulatory Affairs

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Enbridge Gas Inc.
P.O. Box 2001
50 Keil Drive N.
Chatham, Ontario, N7M 5M1
Canada

February 27, 2020

BY RESS, EMAIL AND COURIE

Ms. Christine Long
Board Secretary
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Dear Ms. Long:

**Re: Enbridge Gas Inc. ("Enbridge Gas")
Ontario Energy Board ("OEB") File No.: EB-2019-0159
2021 Dawn Parkway Expansion Project & IRP Proposal
Update to Environmental Report**

Further to the Application and Evidence filed by Enbridge Gas on November 1, 2019, Mitigation Photomosaics were omitted from the 2021 Dawn Parkway Expansion Project: Kirkwall-Hamilton Pipeline Project Environmental Report ("ER") (Exhibit A, Tab 10, Attachment 1). Enclosed, please find Appendix H – Mitigation Photomosaics which is to be inserted into the originally filed ER. A copy of the same has been sent by Stantec Consulting Ltd. to members of the Ontario Pipeline Coordinating Committee.

If you have any questions, please contact the undersigned.

Sincerely,

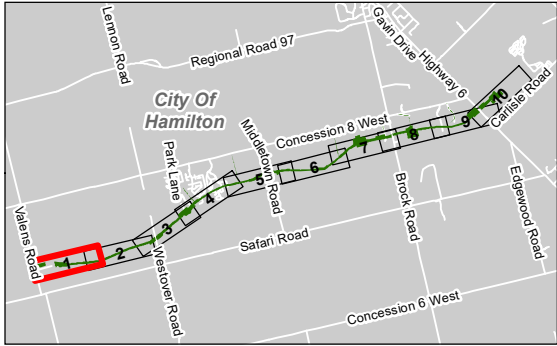
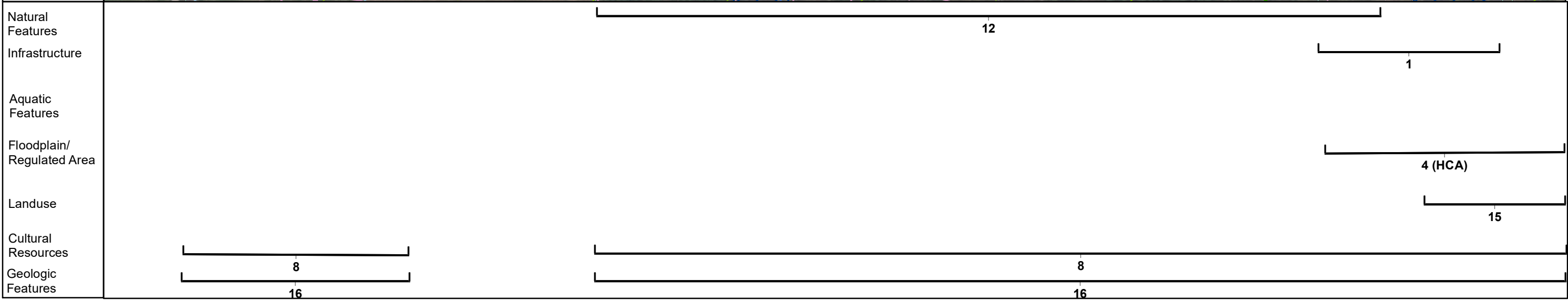
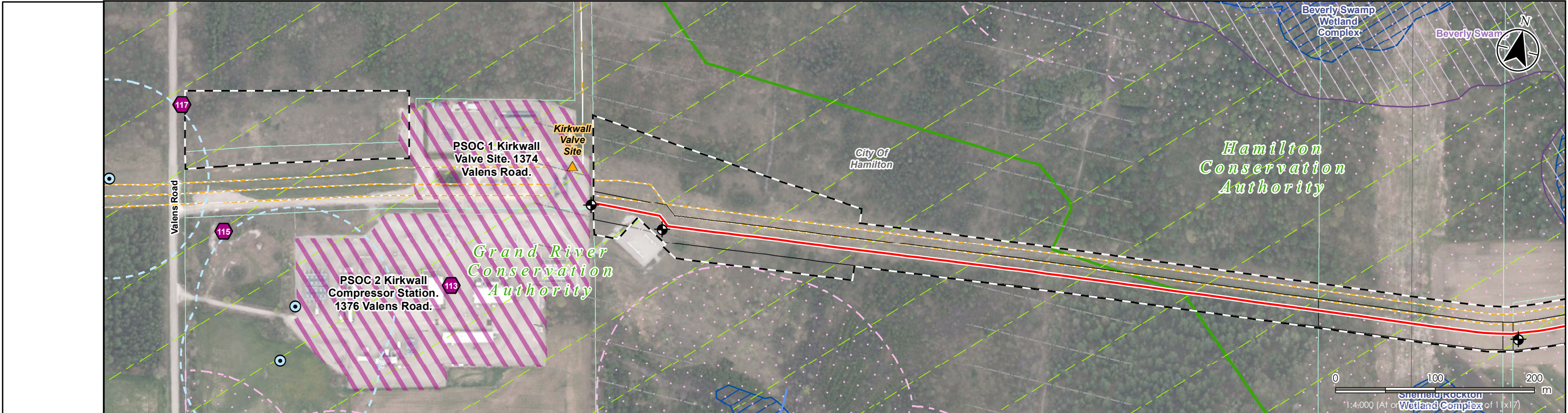
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Adam Stiers
Technical Manager, Regulatory Applications

c.c.: Guri Pannu (Enbridge Gas)
Charles Keizer (Torys)
Myriam Seers (Torys)
EB-2018-0305 2019 Rates (Parties)

**DAWN-PARKWAY SYSTEM EXPANSION:
KIRKWALL-HAMILTON PIPELINE SECTION: ENVIRONMENTAL REPORT**

**APPENDIX H:
MITIGATION PHOTOMOSAICS**



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
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- Legend**
- Preferred Route
 - Project Development Area
 - Proposed Easement
 - Existing Enbridge Station
 - Existing Enbridge Pipeline
 - Water Well
 - Water Well (100 m Buffer)
 - Monitoring Well
 - Contaminated Site
 - Potential Source of Contamination (areas)
 - Regulated Area
 - Floodplain
 - Conservation Authority Admin Boundary
 - Hydro Line
 - Watercourse (Permanent)
 - ANSI, Life Science
 - Potential for Shallow Bedrock
 - Wetland, Provincially Significant
 - Parcel Boundary (ARN)

Construction Mitigation Notes:
Note 1: Crossing permit required from third party power or hydrocarbon transmitter. Refer to Section 4.4.4 Infrastructure of the ER.
Note 2: Groundwater wells present – Refer to Section 4.2.3 Hydrogeology of the ER.
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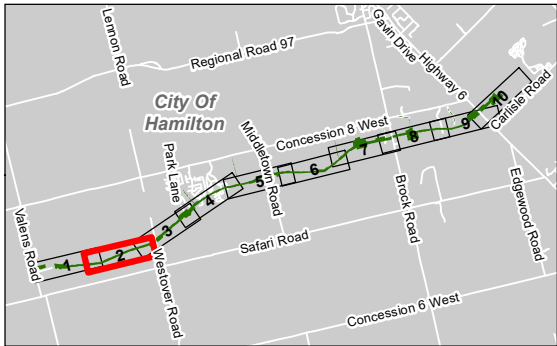
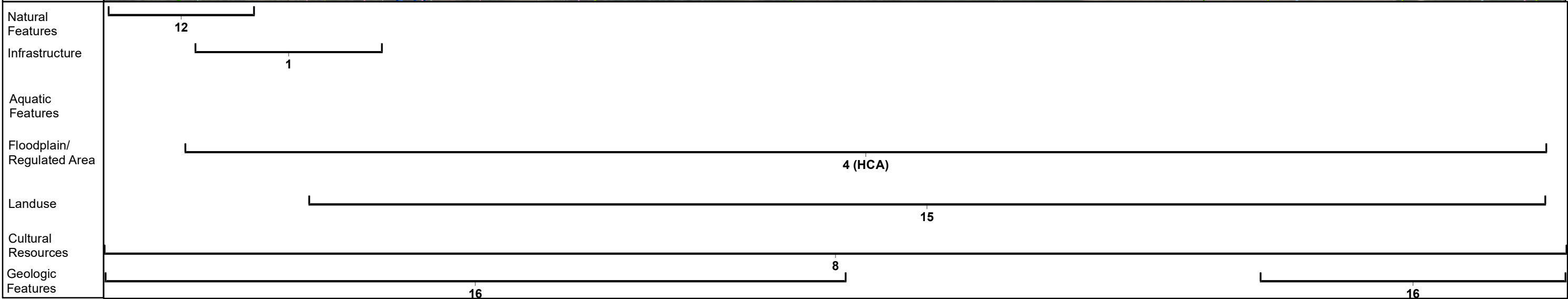
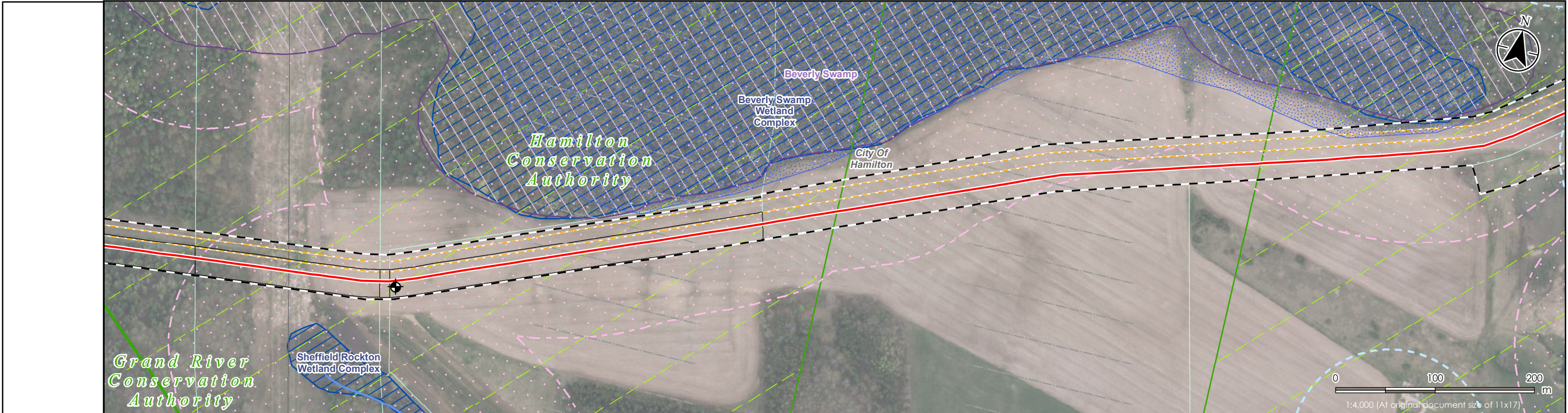
Project Location
City of Hamilton

Client/Project
ENBRIDGE GAS INC.
KIRKWALL-HAMILTON PIPELINE PROJECT

Figure No.
1.1

Title
Mitigation Photomosaic

160961299 REVA
Prepared by AMW on 2020-02-25
Technical Review by RR on 2020-02-18



Notes
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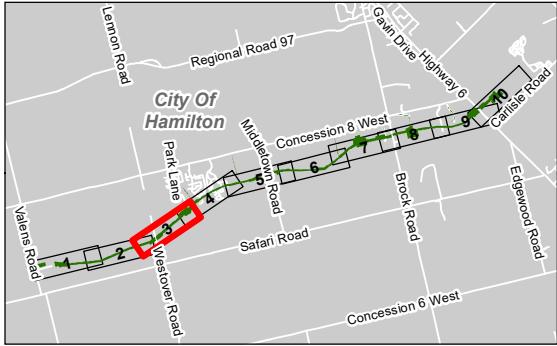
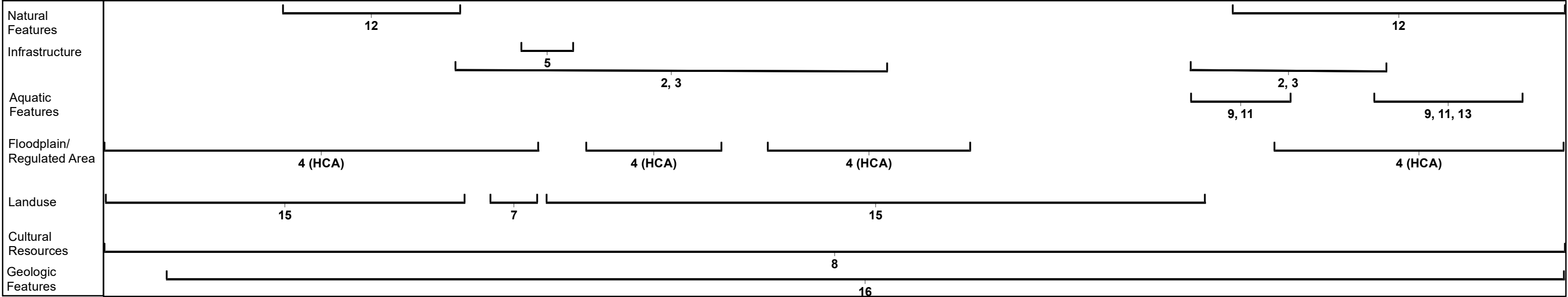
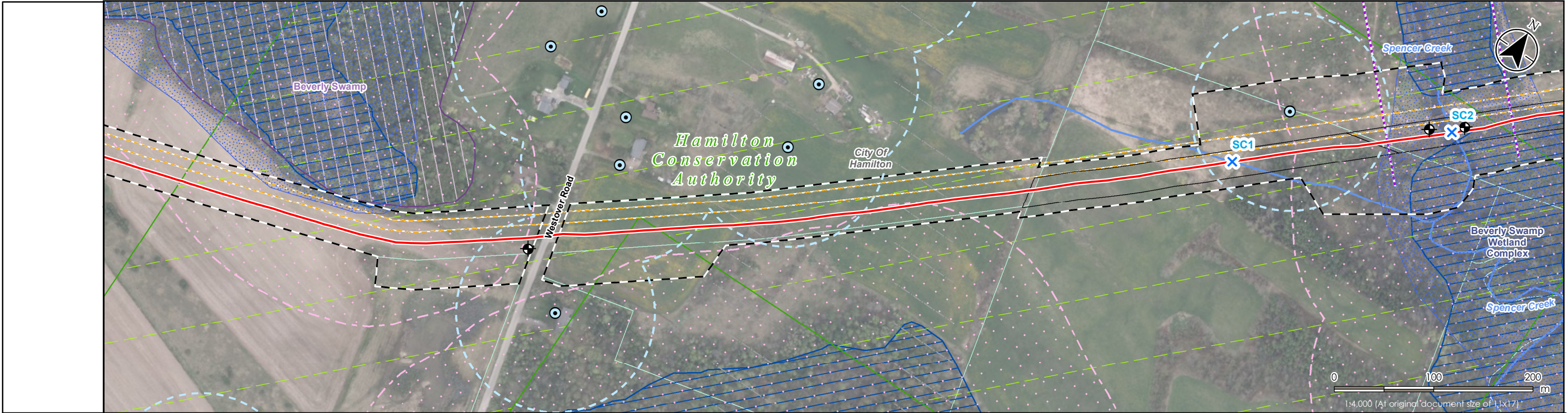
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Project Location
City of Hamilton
160961299 REVA
Prepared by AMW on 2020-02-25
Technical Review by RR on 2020-02-18

Client/Project
ENBRIDGE GAS INC.
KIRK WALL-HAMILTON PIPELINE PROJECT

Figure No.
1.2
Title
Mitigation Photomosaic



Notes
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- Preferred Route
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 - Water Well (100 m Buffer)
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 - Regulated Area
 - Floodplain
 - Conservation Authority Admin Boundary
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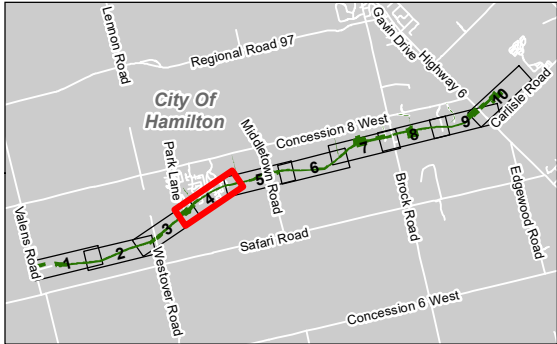
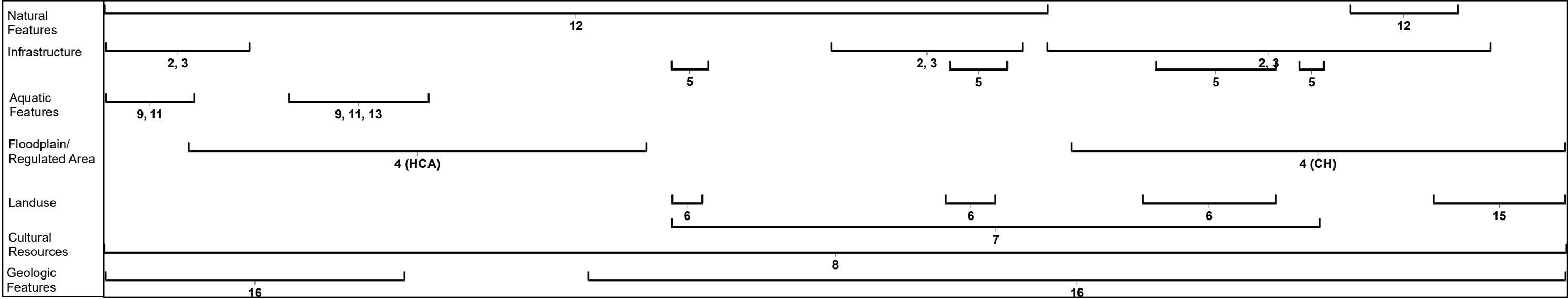
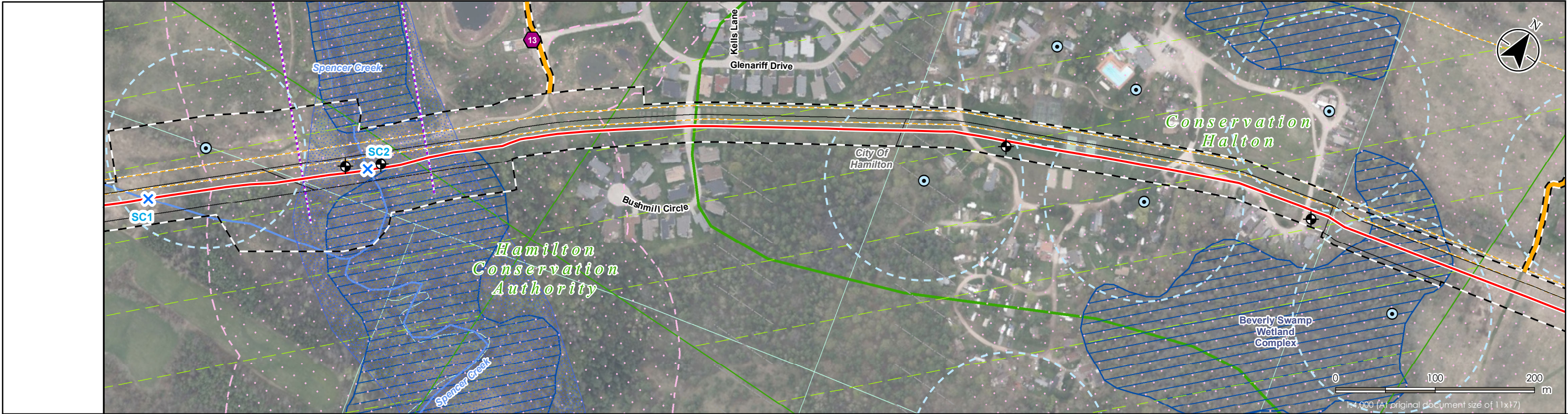


Project Location
City of Hamilton
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Prepared by AMW on 2020-02-25
Technical Review by RR on 2020-02-18

Client/Project
ENBRIDGE GAS INC.
KIRK WALL-HAMILTON PIPELINE PROJECT

Figure No.
1.3
Title
Mitigation Photomosaic

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Notes
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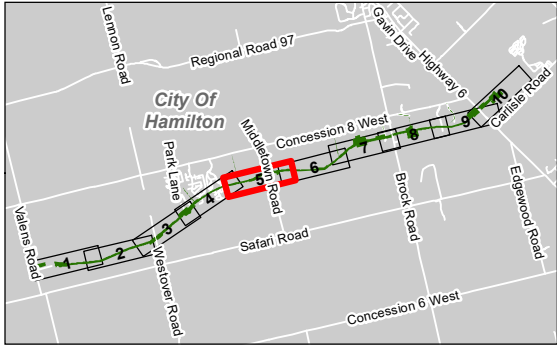
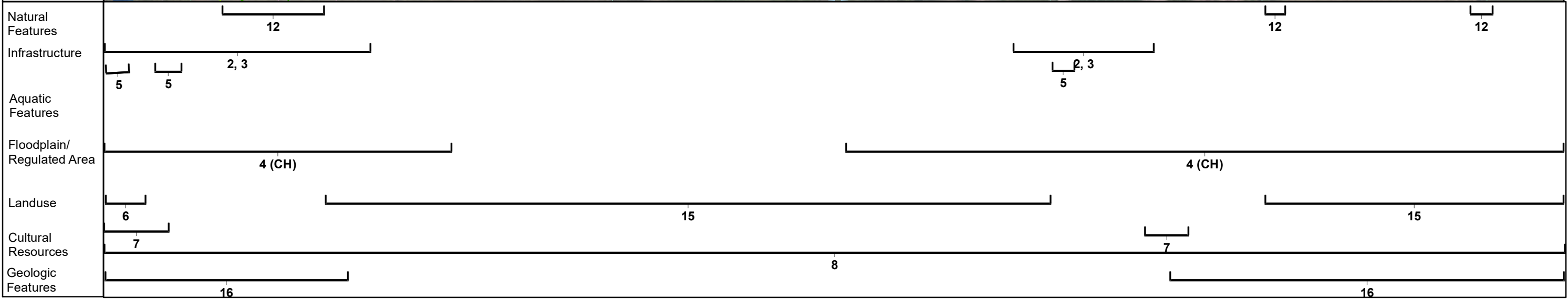
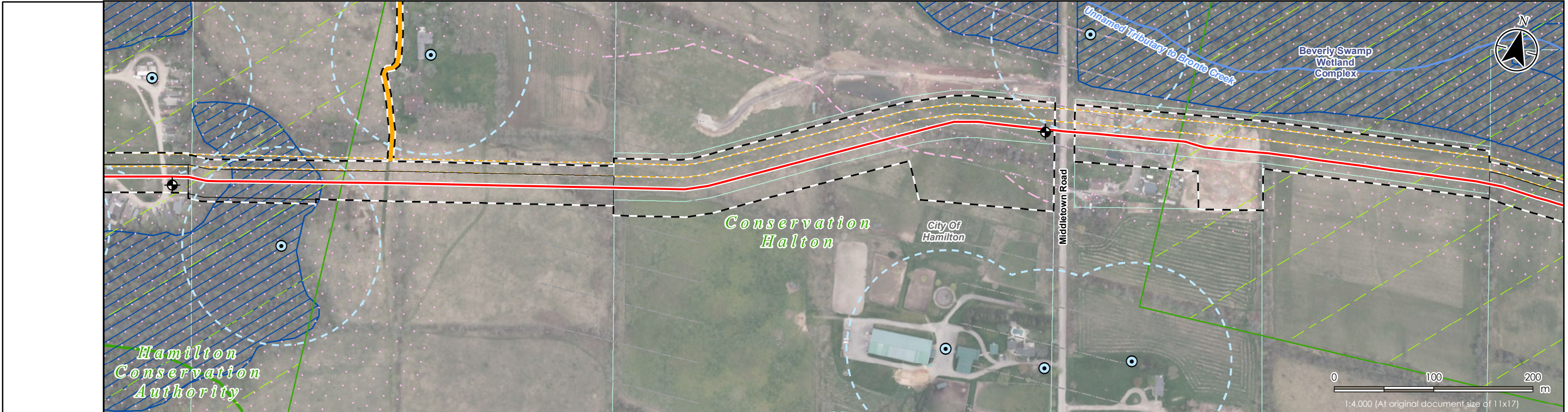
Project Location
City of Hamilton

160961299 REVA
Prepared by AMW on 2020-02-25
Technical Review by RR on 2020-02-18

Client/Project
ENBRIDGE GAS INC.
KIRKWALL-HAMILTON PIPELINE PROJECT

Figure No.
1.4

Title
Mitigation Photomosaic



Notes

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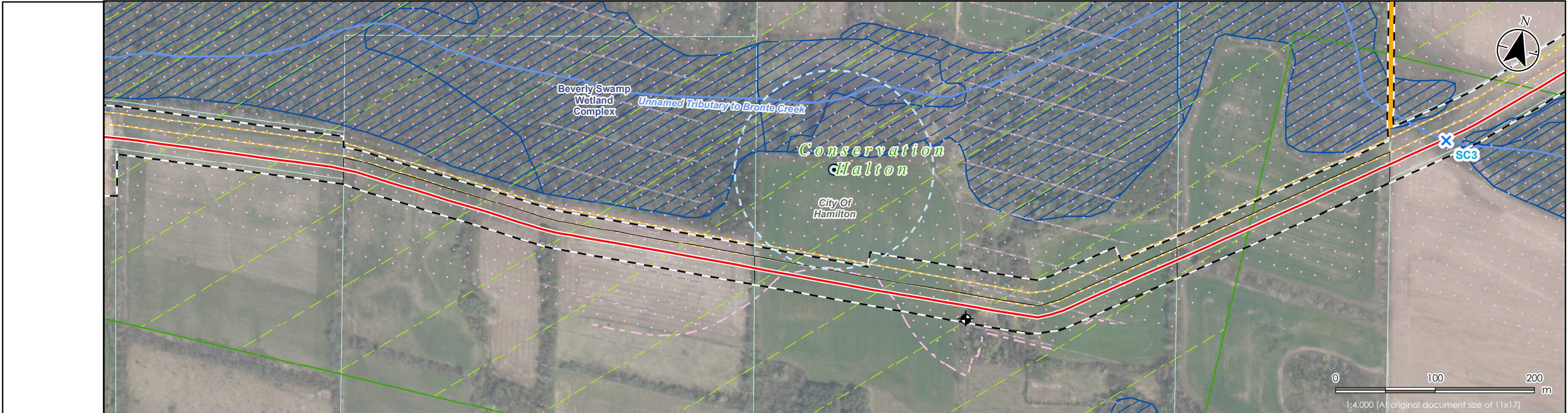
Project Location
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Client/Project
ENBRIDGE GAS INC.
KIRK WALL-HAMILTON PIPELINE PROJECT

Figure No.
1.5

Title
Mitigation Photomosaic



Natural Features	12	12	12	12
Infrastructure			2, 3	
Aquatic Features				
Floodplain/ Regulated Area			4 (CH)	
Landuse			15	15
Cultural Resources				
Geologic Features			8	16



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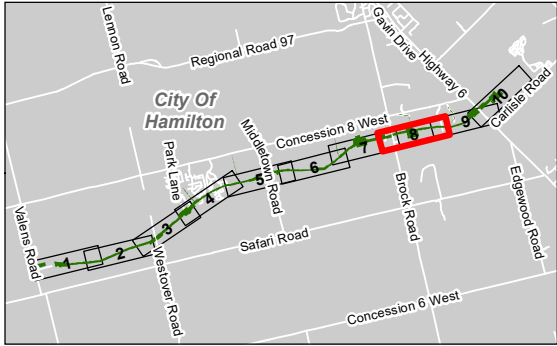
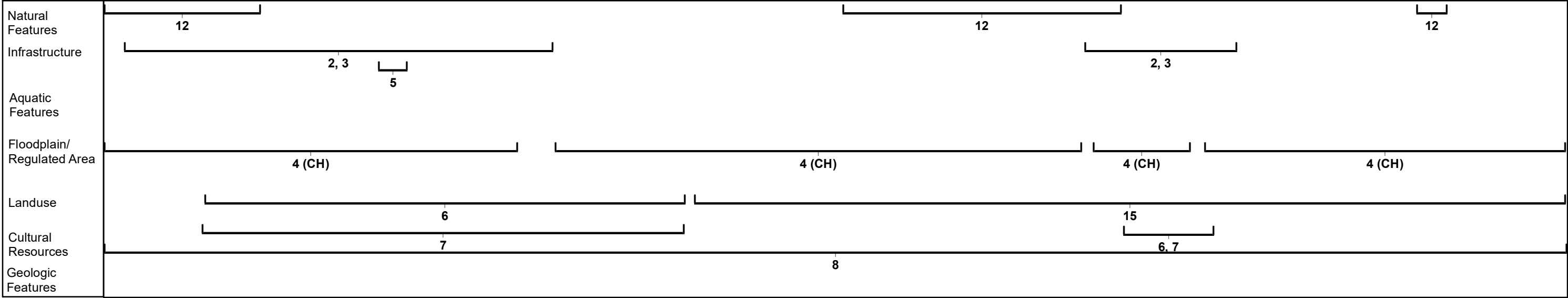
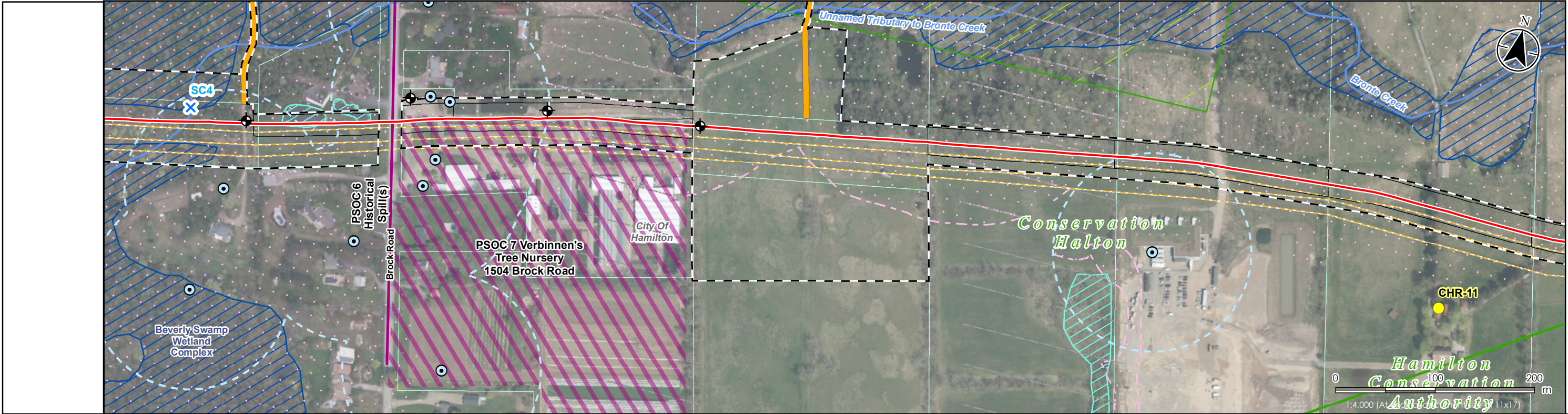


Project Location
City of Hamilton
160961299 REVA
Prepared by AMW on 2020-02-25
Technical Review by RR on 2020-02-18

Client/Project
ENBRIDGE GAS INC.
KIRK WALL-HAMILTON PIPELINE PROJECT

Figure No.
1.6
Title
Mitigation Photomosaic

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Notes
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- Legend**
- Preferred Route
 - Access/Laneways/Options
 - Project Development Area
 - Proposed Easement
 - Existing Enbridge Pipeline
 - Cultural Heritage Resource
 - Watercourse Crossing
 - Water Well
 - Water Well (100 m Buffer)
 - Monitoring Well
 - Historic Spill
 - Potential Source of Contamination (areas)
 - Regulated Area
 - Conservation Authority Admin Boundary
 - Watercourse (Intermittent)
 - Watercourse (Permanent)
 - Potential for Shallow Bedrock
 - Wetland, Provincially Significant
 - Wetland, Not evaluated per OWES
 - Parcel Boundary (ARN)

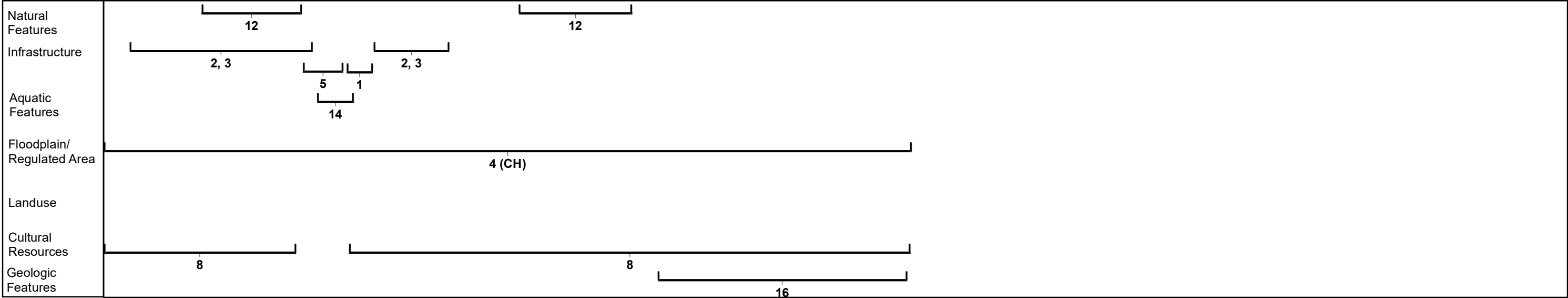
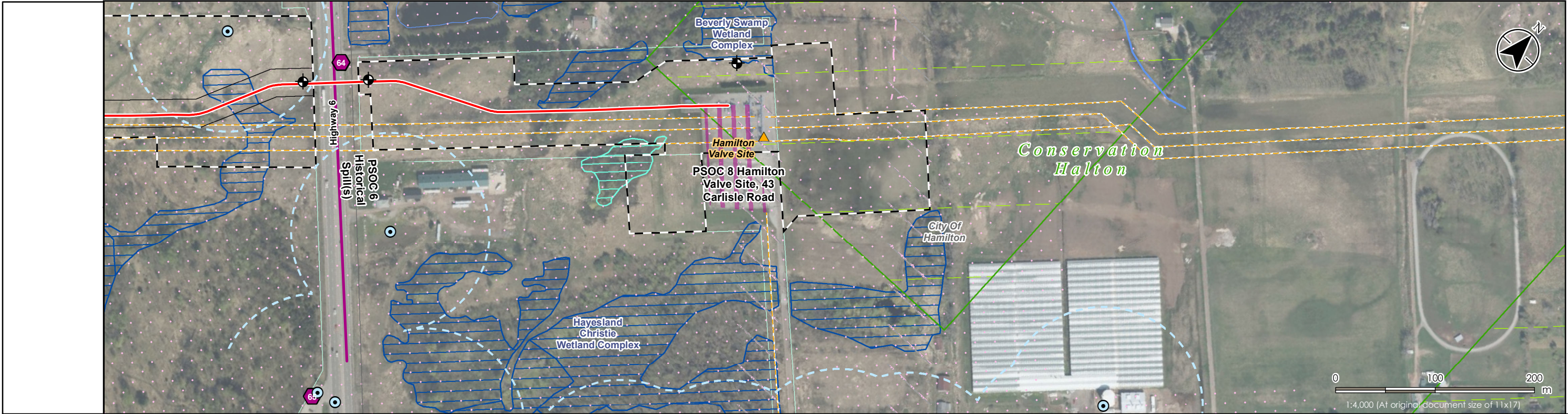
Construction Mitigation Notes:
Note 1: Crossing permit required from third party power or hydrocarbon transmitter. Refer to Section 4.4.4 Infrastructure of the ER.
Note 2: Groundwater wells present – Refer to Section 4.2.3 Hydrogeology of the ER.
Note 3: Water well monitoring program recommended. Refer to Section 6.1.2 Monitoring - Water Wells of the ER.
Note 4: Permit from HCA, CH or GRCA required. Refer to Section 4.2.8 of the ER.
Note 5: Crossing permissions required from Provincial and Municipal Road authorities. Refer to Section 4.4.4 Infrastructure of the ER.
Note 6: Access to businesses and residences. Maintain emergency egress. Refer to Section 4.4.4 Infrastructure of the ER.
Note 7: Construction adjacent to rural residential areas. Refer to Section 4.4.4 Infrastructure, Section 4.4.5 Air and Noise and Section 4.4.7 Waste Management of the ER.
Note 8: Potential to encounter cultural heritage and/or archaeological resources. Refer to Section 4.4.9 Archaeological Resources and 4.4.10 Cultural Heritage Resources and 6.2.3 Unexpected Finds: Archaeological or Heritage Resources and Unknown Contaminated Soils of the ER.
Note 9: Open Cut water course crossing construction method. Refer to Section 4.3.1 Aquatic Features, 6.1.3 Monitoring - Watercourse Crossings and 6.3 Watercourse Sedimentation of the ER.
Note 10: Coldwater watercourse crossing - In-water work permitted from July 1 to September 15. Refer to Section 4.3.1 Aquatic Features of the ER.
Note 11: Warmwater watercourse crossing - In-water work permitted from July 1 to March 14. Refer to Section 4.3.1 Aquatic Features of the ER.
Note 12: No clearing activities during the migratory breeding bird restricted activity period (April 1 – August 31) without preconstruction nesting surveys. Refer to Section 4.3.3 Wildlife, Wildlife Habitat and Species at Risk and Section 6.1.4 Monitoring - Vegetation and Wetlands of the ER.
Note 13: Overall Benefit Permit under the Endangered Species Act, 2007 from the MECP may be required if the species, or protected habitat, are impacted by project activities. Refer to Section 4.3.2 Designated Natural Areas and Vegetation, Section 4.3.3 Wildlife, Wildlife Habitat and Species at Risk of the ER.
Note 14: Potential for encountering Potential Sources of Contamination (PSOC). Refer to Section 4.4.6 Contamination and 6.2.3 Unexpected Finds: Archaeological or Heritage Resources and Unknown Contaminated Soils of the ER.
Note 15: Construction across active agricultural lands. Refer to Section 4.2.5 Soil and Soil Capability and Section 4.2.6 Agricultural Tile Drains of the ER.
Note 16: Potential to encounter shallow bedrock that may require blasting during construction. Refer to Section 4.2.1 Bedrock Geology of the ER.
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Figure No.
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Notes
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- Legend**
- Preferred Route
 - Project Development Area
 - Proposed Easement
 - Existing Enbridge Station
 - Existing Enbridge Pipeline
 - Water Well
 - Water Well (100 m Buffer)
 - Monitoring Well
 - Contaminated Site
 - Historic Spill
 - Potential Source of Contamination (areas)
 - Regulated Area
 - Conservation Authority Admin Boundary
 - Hydro Line
 - Watercourse (Permanent)
 - Potential for Shallow Bedrock
 - Waterbody
 - Wetland, Provincially Significant
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Figure No.
1.10
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Mitigation Photomosaic