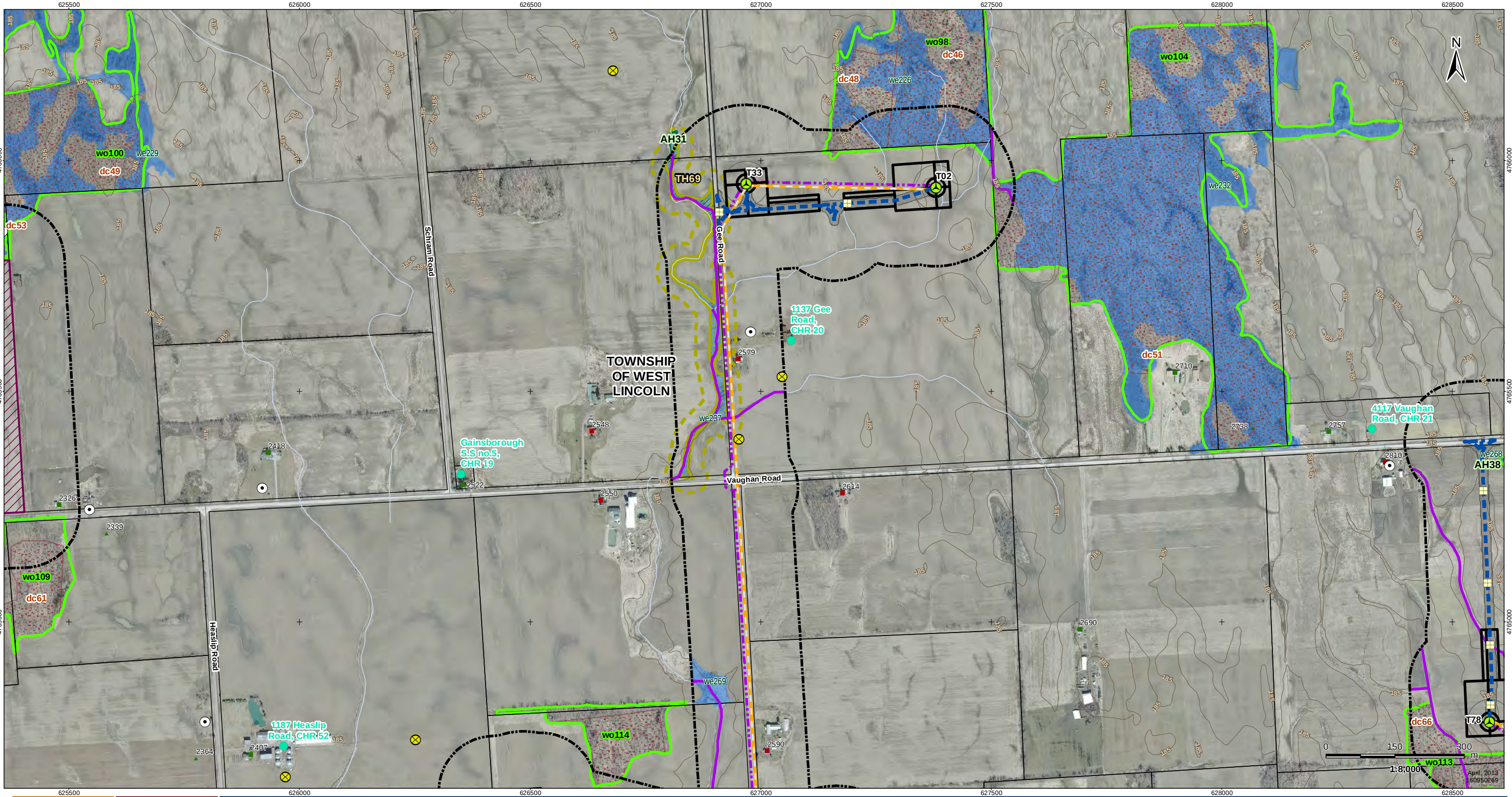
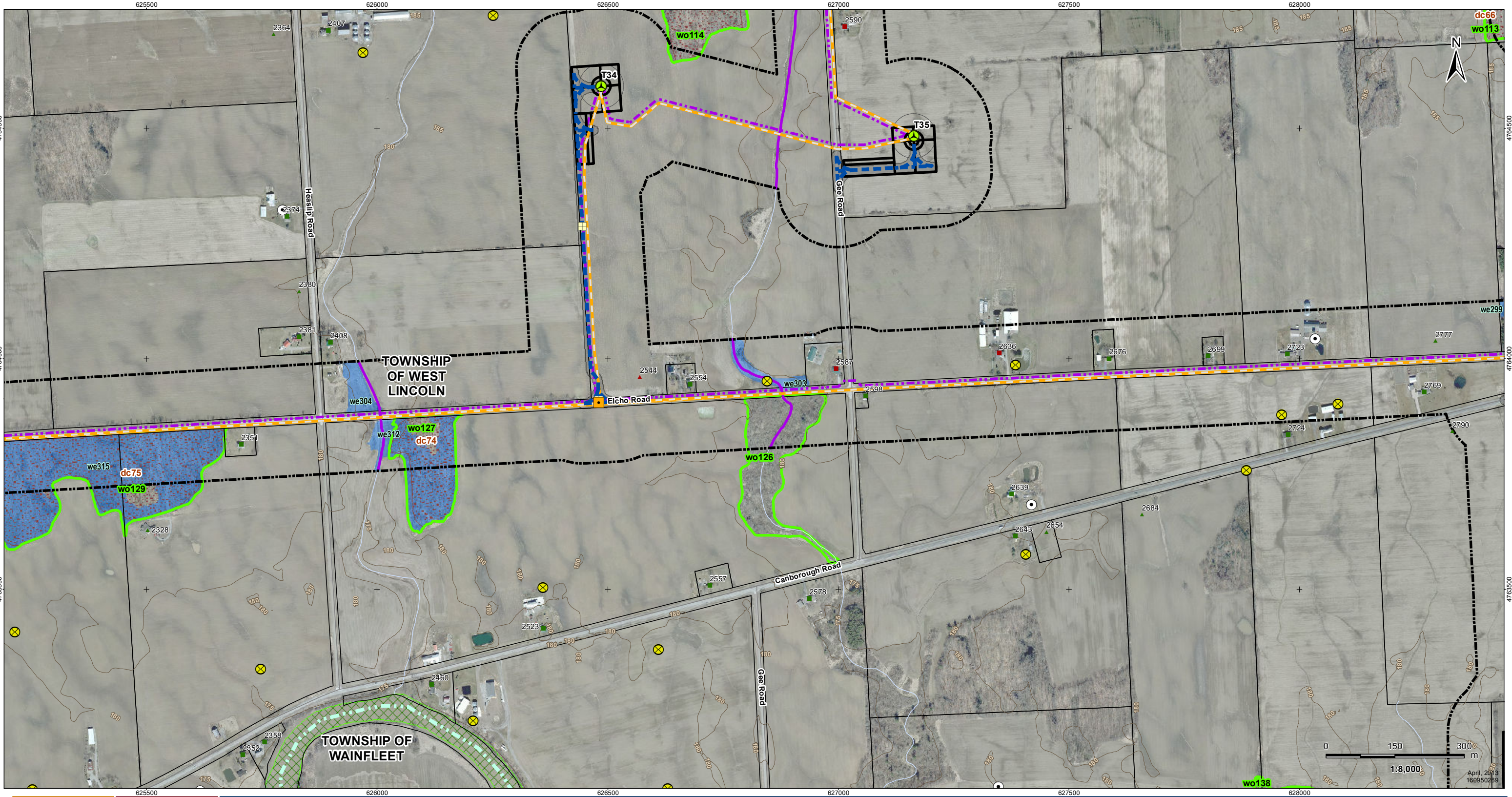


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Revised: 2013-04-02 By: bcowper



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Revised: 2013-04-18 By: bcowper

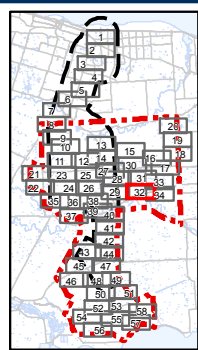


Legend

- | | | | | | |
|-----------------------------------|---|------------------------------------|---|---|--|
| Project Study Area | Temporary Laydown Area | Existing Transmission Line | Snake Hibernacula | Woodland Communities | Non-participating Receptors ⁵ |
| Interconnector Study Area | Collector Lines - Underground or Overhead | Pipeline | Snake Hibernacula 30m Buffer | Wetland Communities | Occupied |
| 120m Zone of Investigation | Fibre Optic Line | Topographic Contour (mAMSLS) | Raptor Wintering Areas | ANSI, Earth Science, Provincially Significant (MNR) | Vacant |
| Proposed Project Components | Potential Access Road | Watercourse (MNR) | Deer Congregation Areas (MNR) (Generalized) | ANSI, Life Science, Provincially Significant (MNR) | Participating Noise Receptors ⁵ |
| Proposed Turbine Location | Access Road 20m Construction Area | Waterbody (Stantec) | Wetland Amphibian Breeding Habitat | Protected Property | Occupied |
| Turbine Blade Length | Potential Construction Laydown Area | Property Boundary | Woodland Amphibian Breeding Habitat | Cultural Heritage Resource | Vacant |
| Tap-in Location | Transformer Substation | Municipality Lower Tier | Other Rare Vegetation Community | Landfill - Active (MOE) | |
| Transformer Substation Location | Unopened Road Allowance | Niagara Escarpment Plan Area (NEC) | Landbird Migratory Stopover | Landfill - Closed (MOE) | |
| Junction Box | Active Railway | Greenbelt Natural Heritage System | Turtle Nesting Habitat/ Snapping Turtle Habitat | Petroleum Well (OGSR) ⁴ | |
| Proposed Culvert | Abandoned Railway | Conservation Areas (NPCA) | Turtle Habitat 30m Buffer | Water Well (MOE) ⁵ | |
| Preferred Transmission Line Route | | Greenbelt Plan Area (MMAH) | Turtle Wintering Area | | |
| Alternate Transmission Line Route | | | | | |

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
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- Orthoimagery source: First Base Solutions, Date Spring 2010.
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- MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
- Noise receptors are identified within 1500m of any wind turbine.

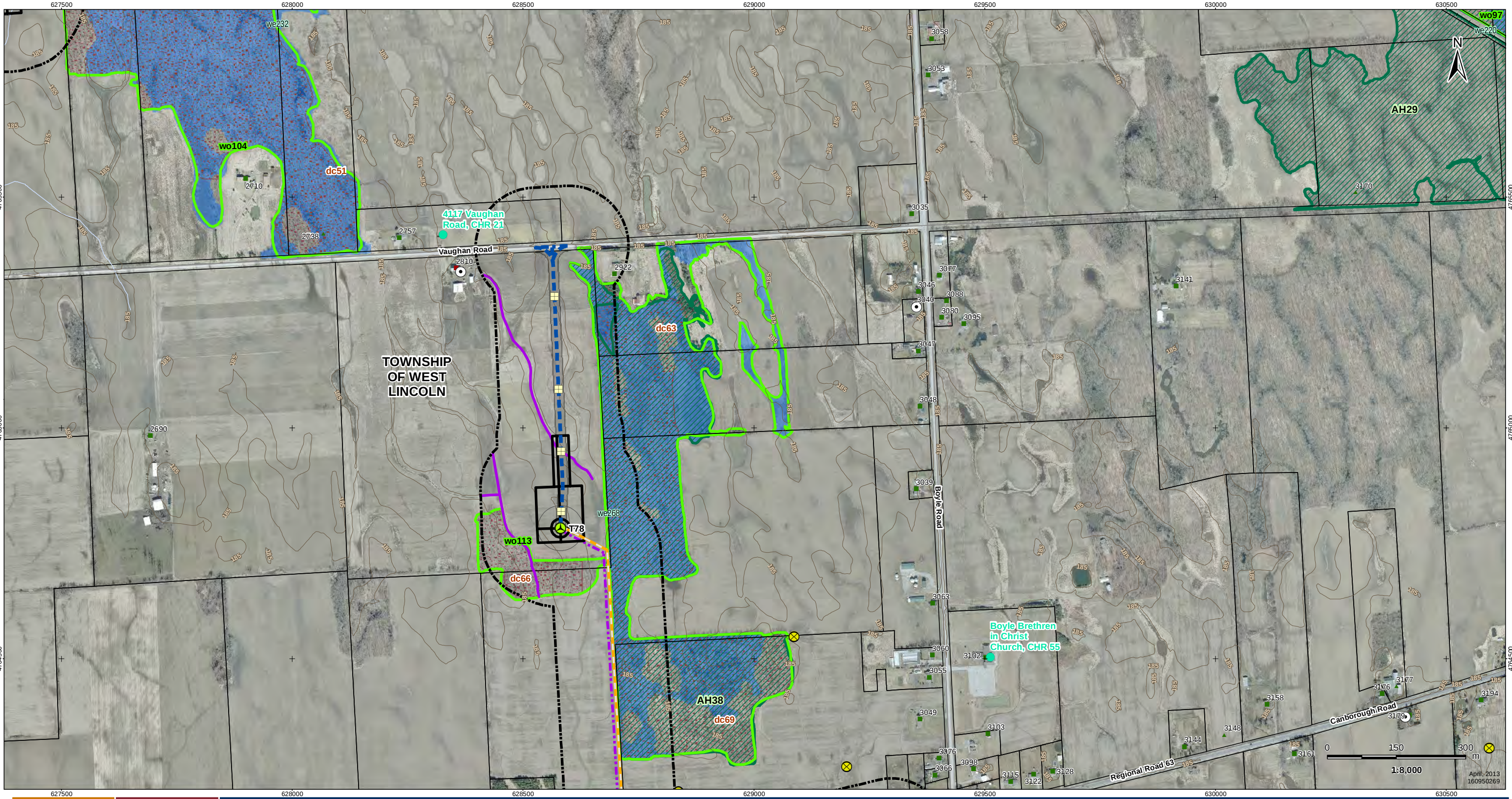


Client/Project
Niagara Region Wind Corporation

Figure No.
2.32

Title
Site Plan with Socio-Economic Features, Significant Natural Heritage Features and Water Bodies
Figure 2.32

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

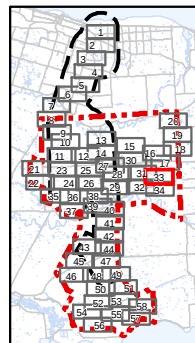
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
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- Noise receptors are identified within 1500m of any wind turbine.

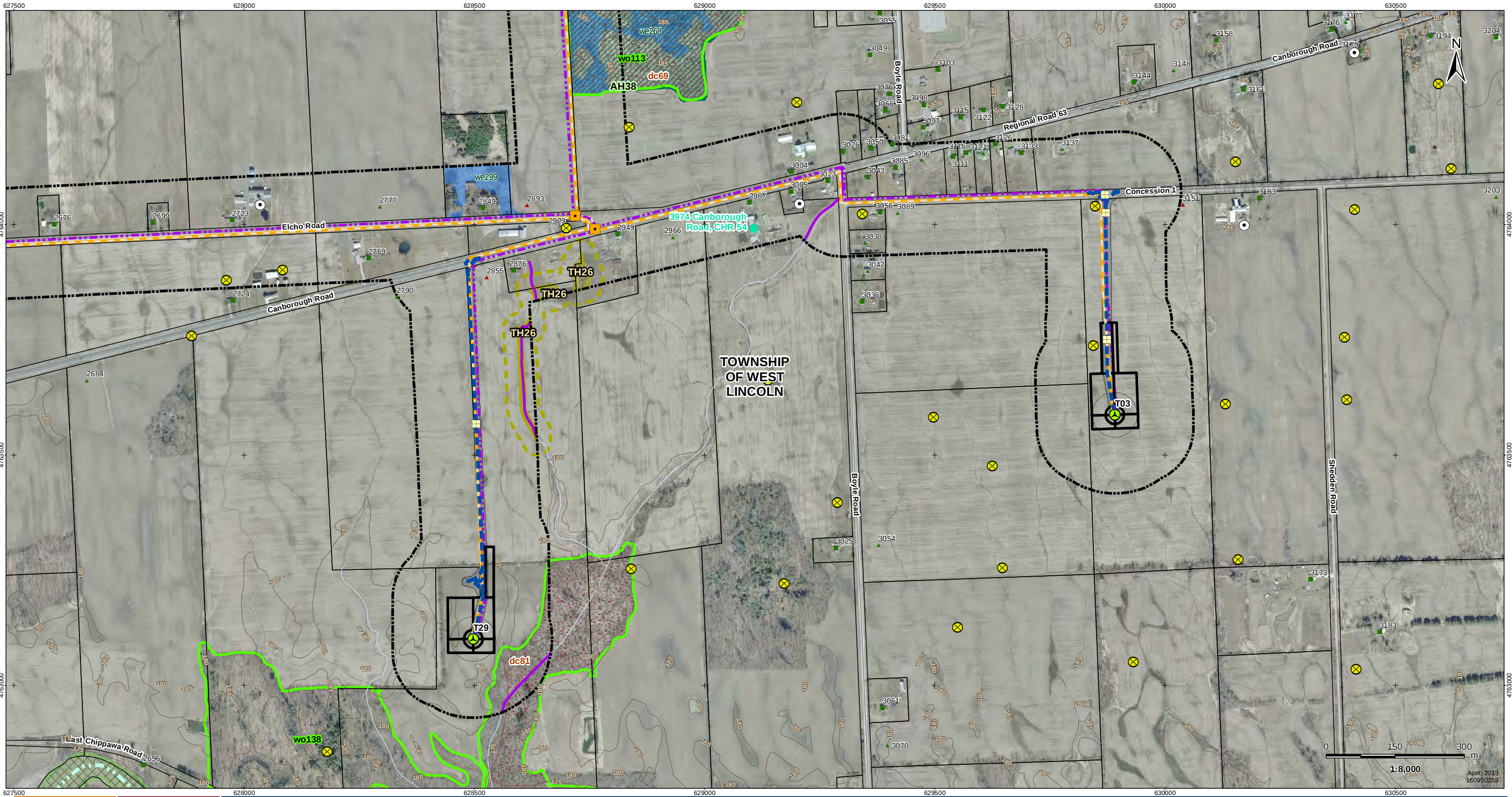


Client/Project
Niagara Region Wind Corporation

Figure No.
2.33

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.33**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

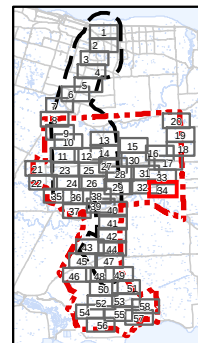
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
- Occupied
- Vacant
- Participating Noise Receptors ⁵
- Occupied
- Vacant

Notes

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- Noise receptors are identified within 1500m of any wind turbine.

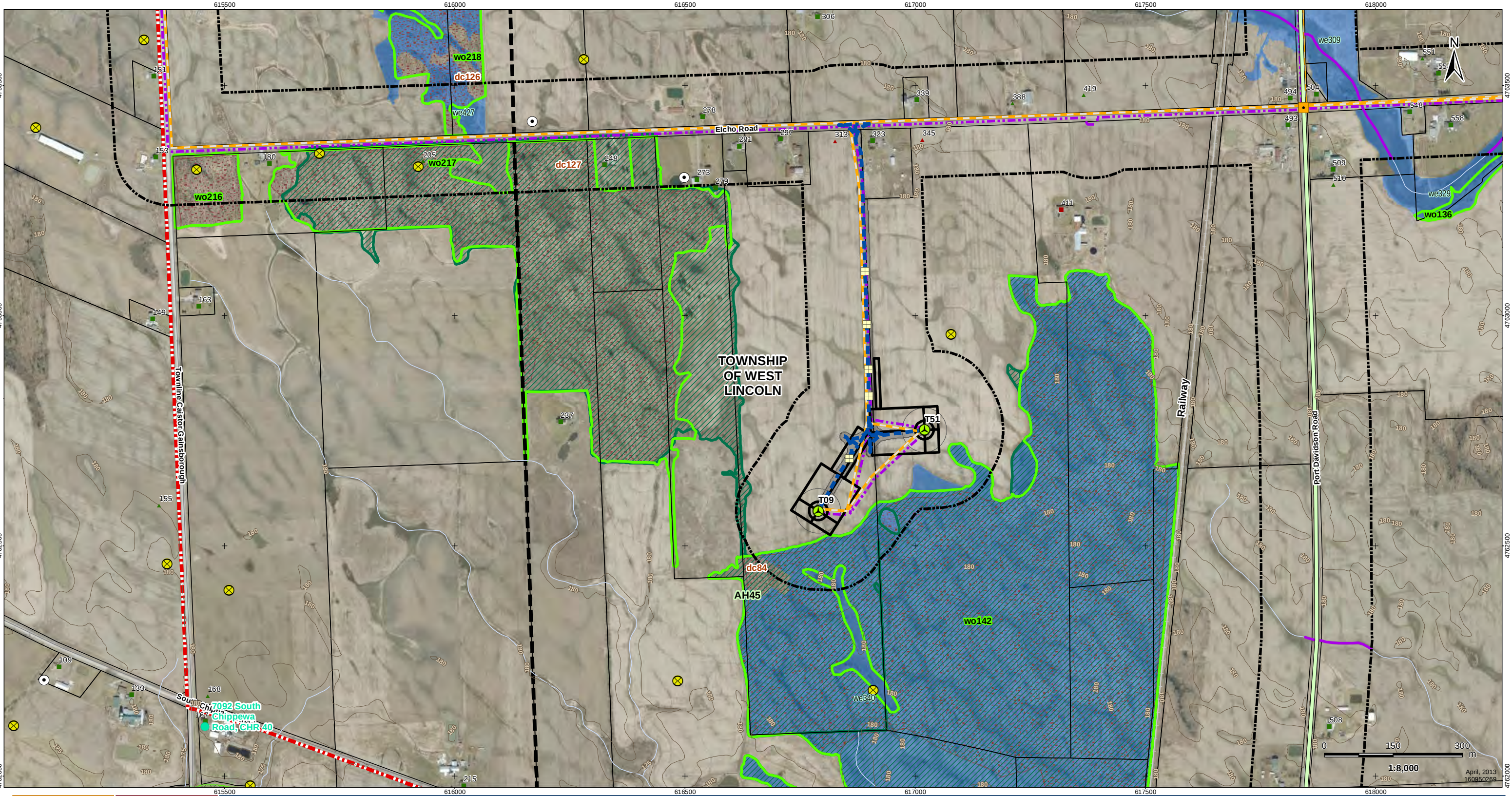


Client/Project
Niagara Region Wind Corporation

Figure No.
2.34

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.34

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Revised: 2013-04-02 By: bcompw



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

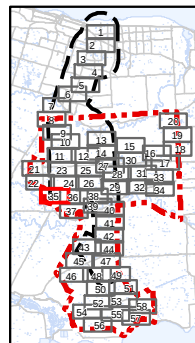
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

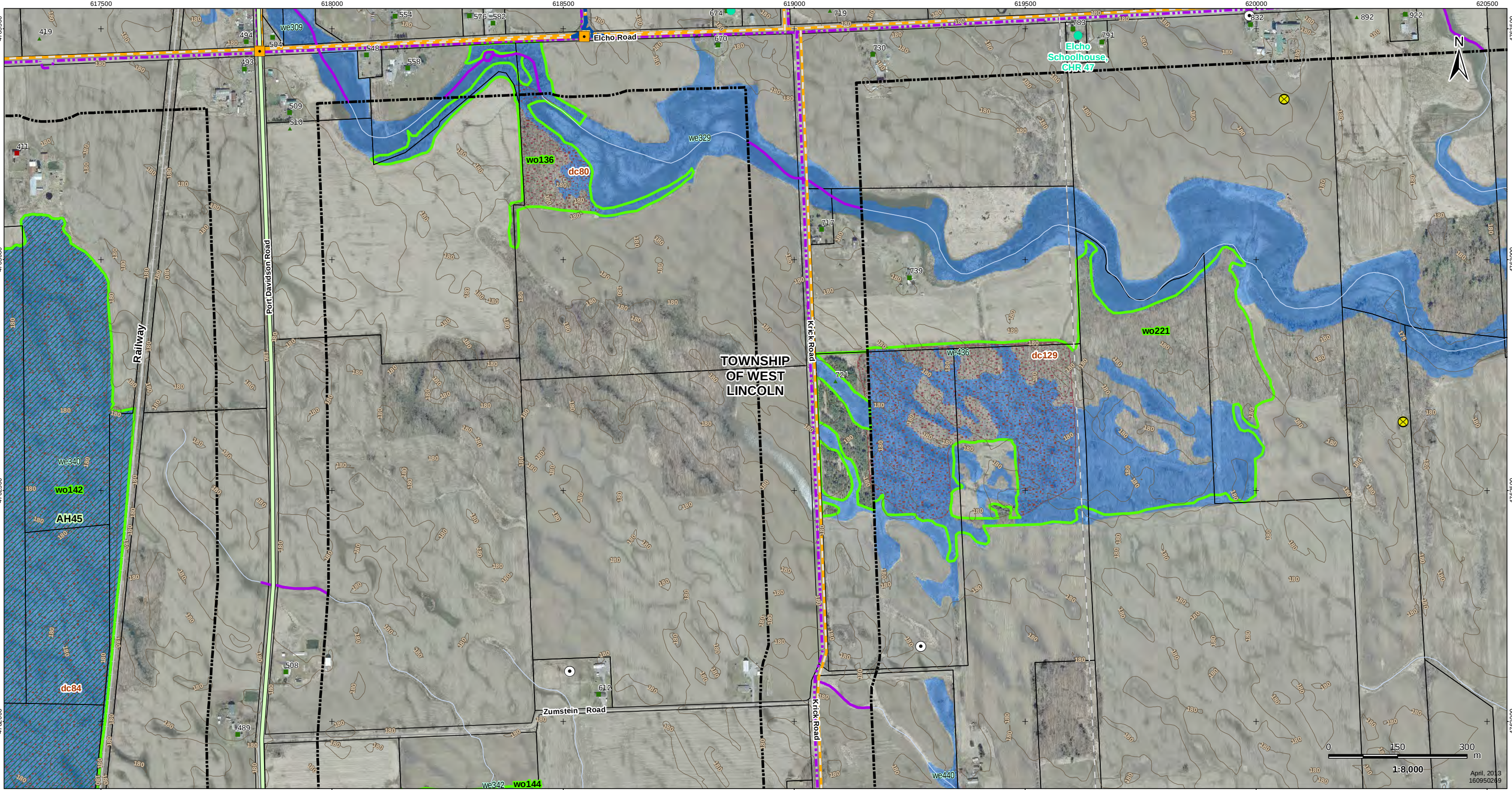
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthimagery source: First Base Solutions, Date Spring 2010.
- Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
- MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
- Noise receptors are identified within 1500m of any wind turbine.



Client/Project
Niagara Region Wind Corporation

Figure No.
2.35

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.35**



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

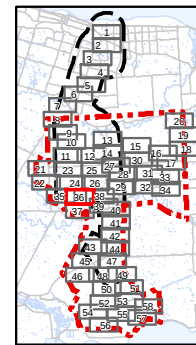
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

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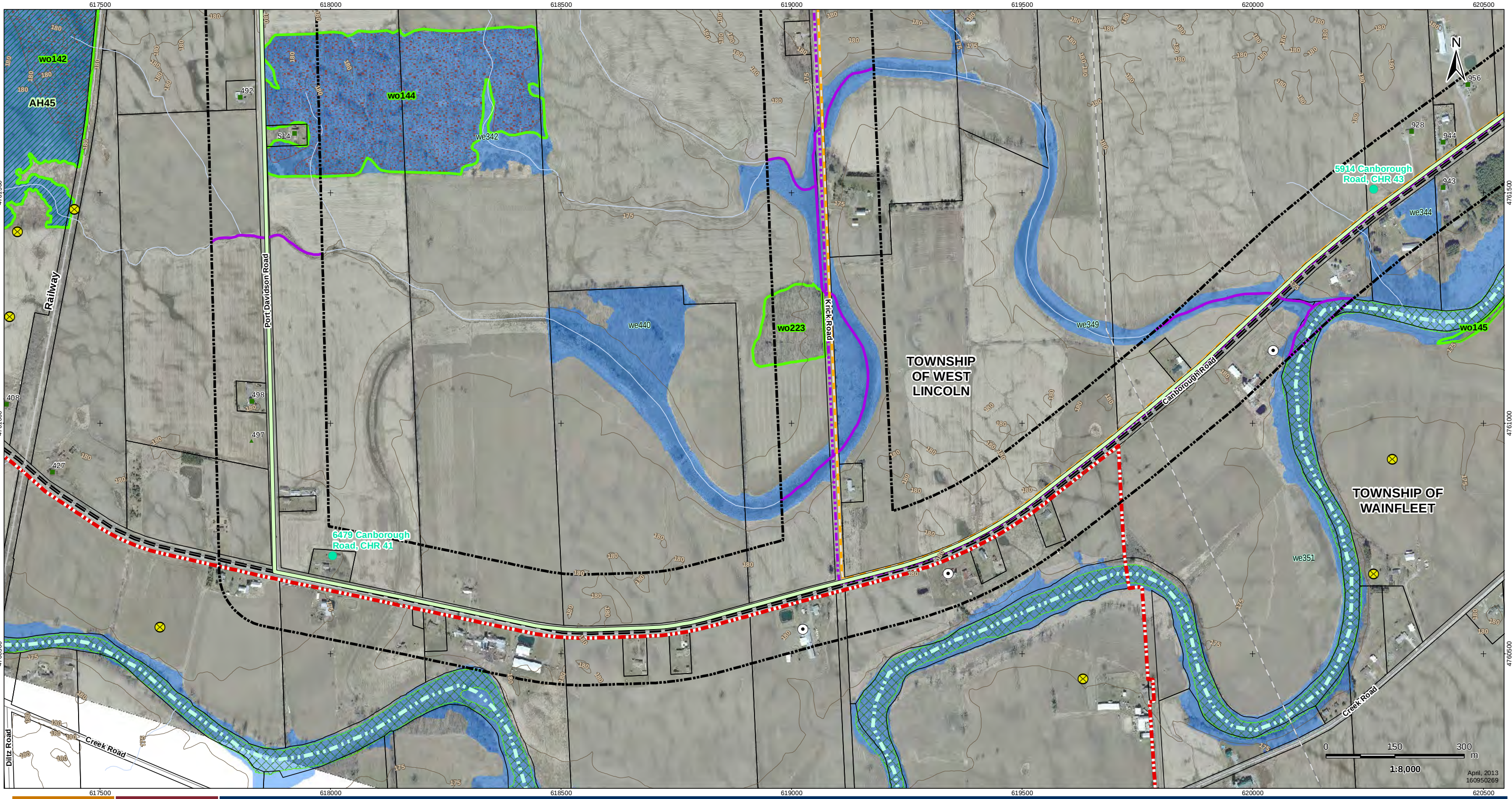


Client/Project
Niagara Region Wind Corporation

Figure No.
2.36

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.36**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

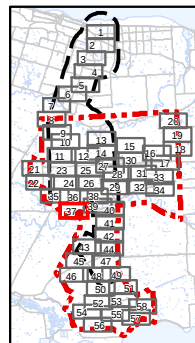
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

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- Noise receptors are identified within 1500m of any wind turbine.

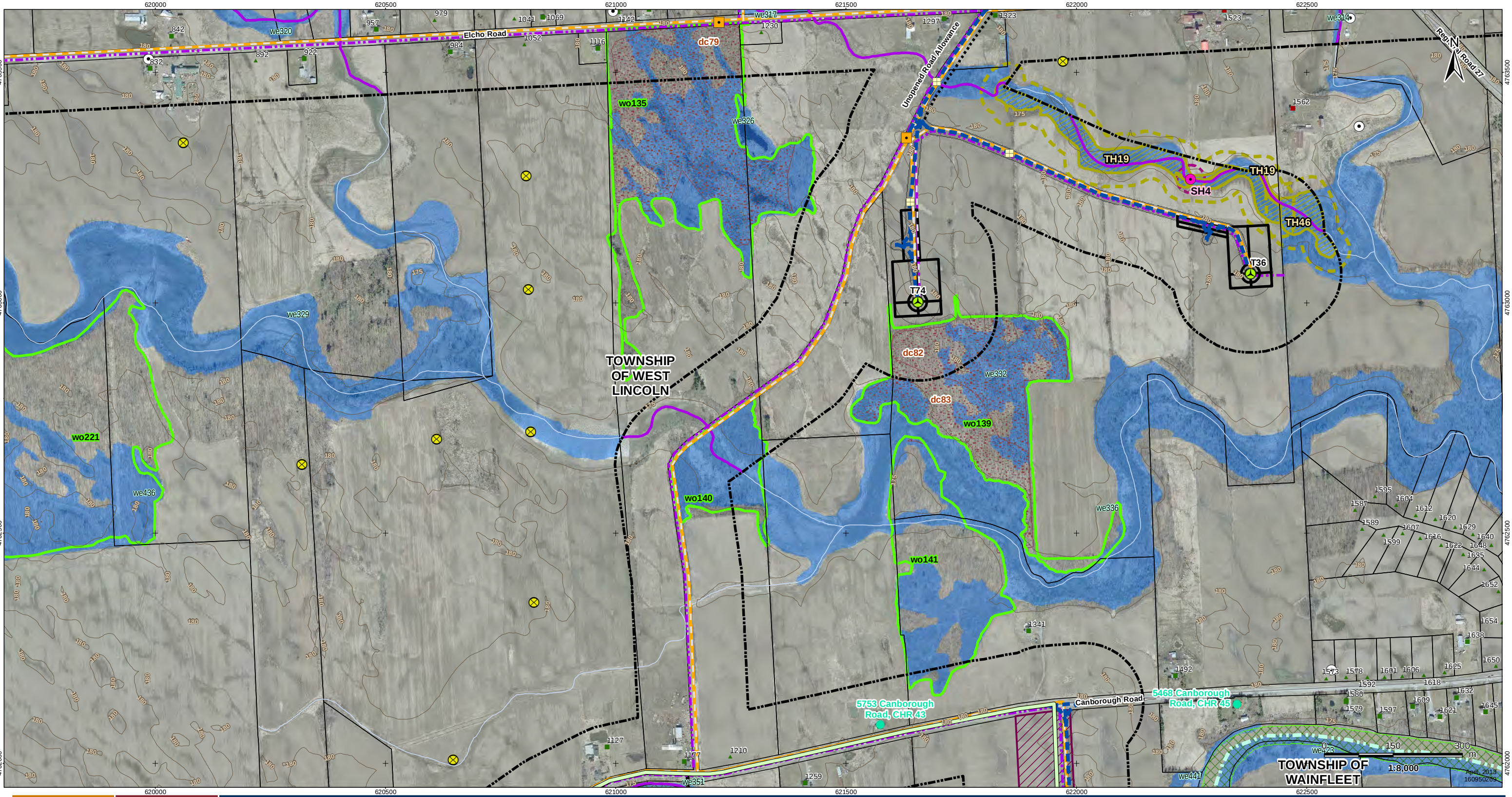


Client/Project
Niagara Region Wind Corporation

Figure No.
2.37

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.37**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

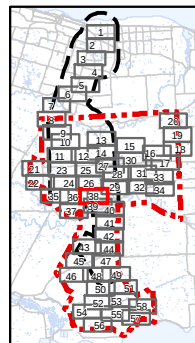
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

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Client/Project

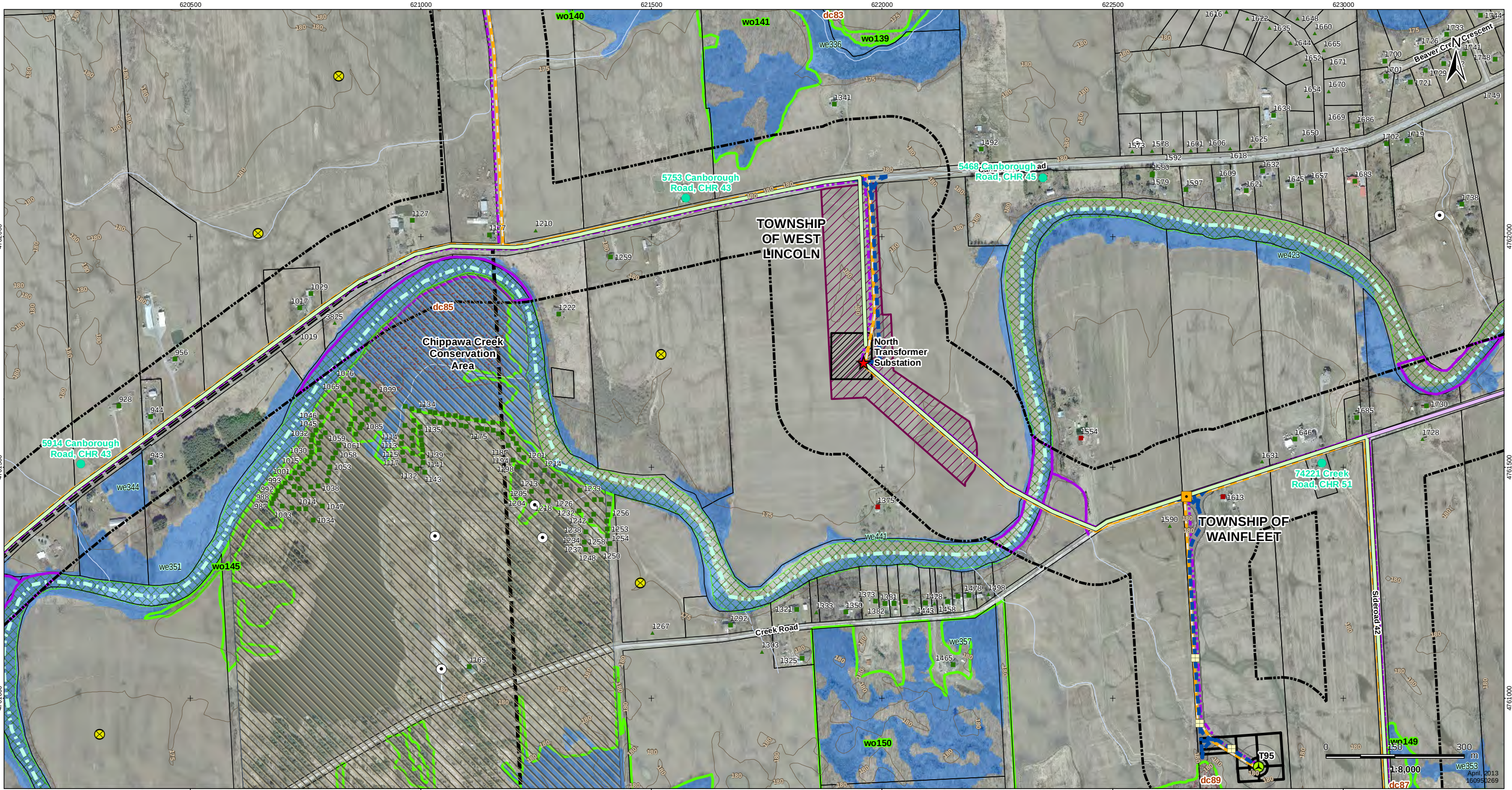
Niagara Region Wind Corporation

Figure No.
2.38

Title

**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.38**

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Revised: 2013-04-02 By: bcowper

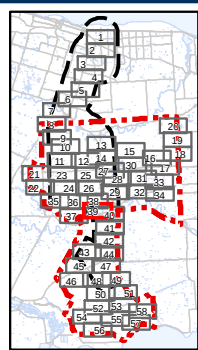


Legend

- | | | | | | |
|-----------------------------------|---|------------------------------------|---|---|--|
| Project Study Area | Temporary Laydown Area | Existing Transmission Line | Snake Hibernacula | Woodland Communities | Non-participating Receptors ⁵ |
| Interconnector Study Area | Collector Lines - Underground or Overhead | Pipeline | Snake Hibernacula 30m Buffer | Wetland Communities | Occupied |
| 120m Zone of Investigation | Fibre Optic Line | Topographic Contour (mAMSL) | Raptor Wintering Areas | ANSI, Earth Science, Provincially Significant (MNR) | Vacant |
| Proposed Turbine Location | Potential Access Road | Watercourse (MNR) | Deer Congregation Areas (MNR) (Generalized) | ANSI, Life Science, Provincially Significant (MNR) | Occupied |
| Turbine Blade Length | Access Road 20m Construction Area | Waterbody (Stantec) | Wetland Amphibian Breeding Habitat | Protected Property | Vacant |
| Tap-in Location | Potential Construction Laydown Area | Property Boundary | Woodland Amphibian Breeding Habitat | Cultural Heritage Resource | |
| Transformer Substation Location | Transformer Substation | Niagara Escarpment Plan Area (NEC) | Other Rare Vegetation Community | | |
| Junction Box | Unopened Road Allowance | Greenbelt Natural Heritage System | Landbird Migratory Stopover | | |
| Proposed Culvert | Active Railway | Conservation Areas (NPCA) | Turtle Nesting Habitat/ Snapping Turtle Habitat | | |
| Preferred Transmission Line Route | Abandoned Railway | Greenbelt Plan Area (MMAH) | Turtle Habitat 30m Buffer | | |
| Alternate Transmission Line Route | | | Turtle Wintering Area | | |

Notes

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- Noise receptors are identified within 1500m of any wind turbine.

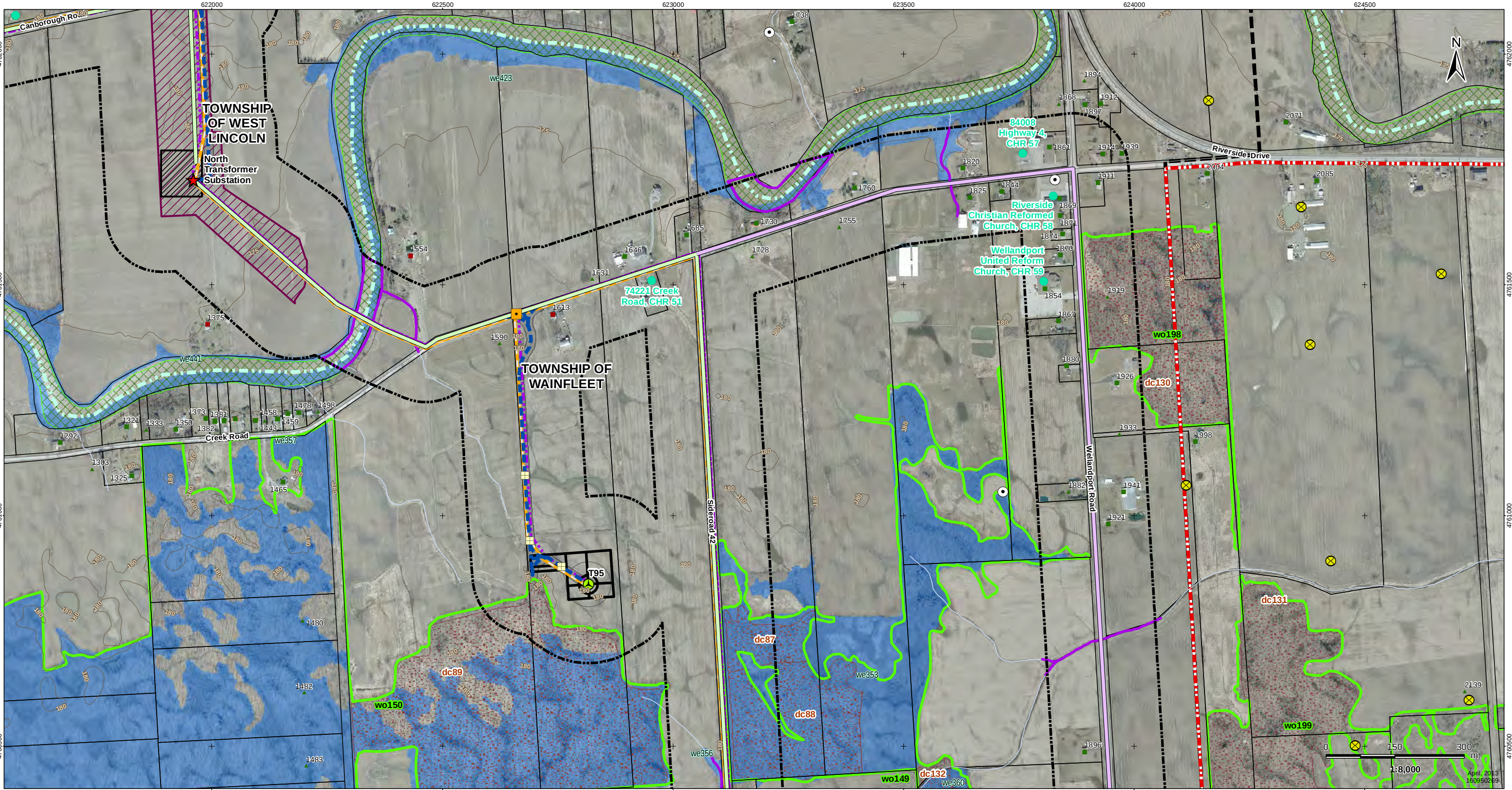


Client/Project
Niagara Region Wind Corporation

Figure No.
2.39

Title
Site Plan with Socio-Economic Features, Significant Natural Heritage Features and Water Bodies
Figure 2.39

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

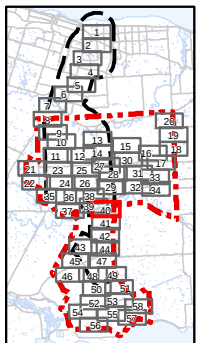
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵**
 - Occupied
 - Vacant
- ### Notes
- Coordinate System: NAD 1983 UTM Zone 17N).
 - Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
 - Orthoimagery source: First Base Solutions, Date Spring 2010.
 - Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
 - MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
 - Noise receptors are identified within 1500m of any wind turbine.

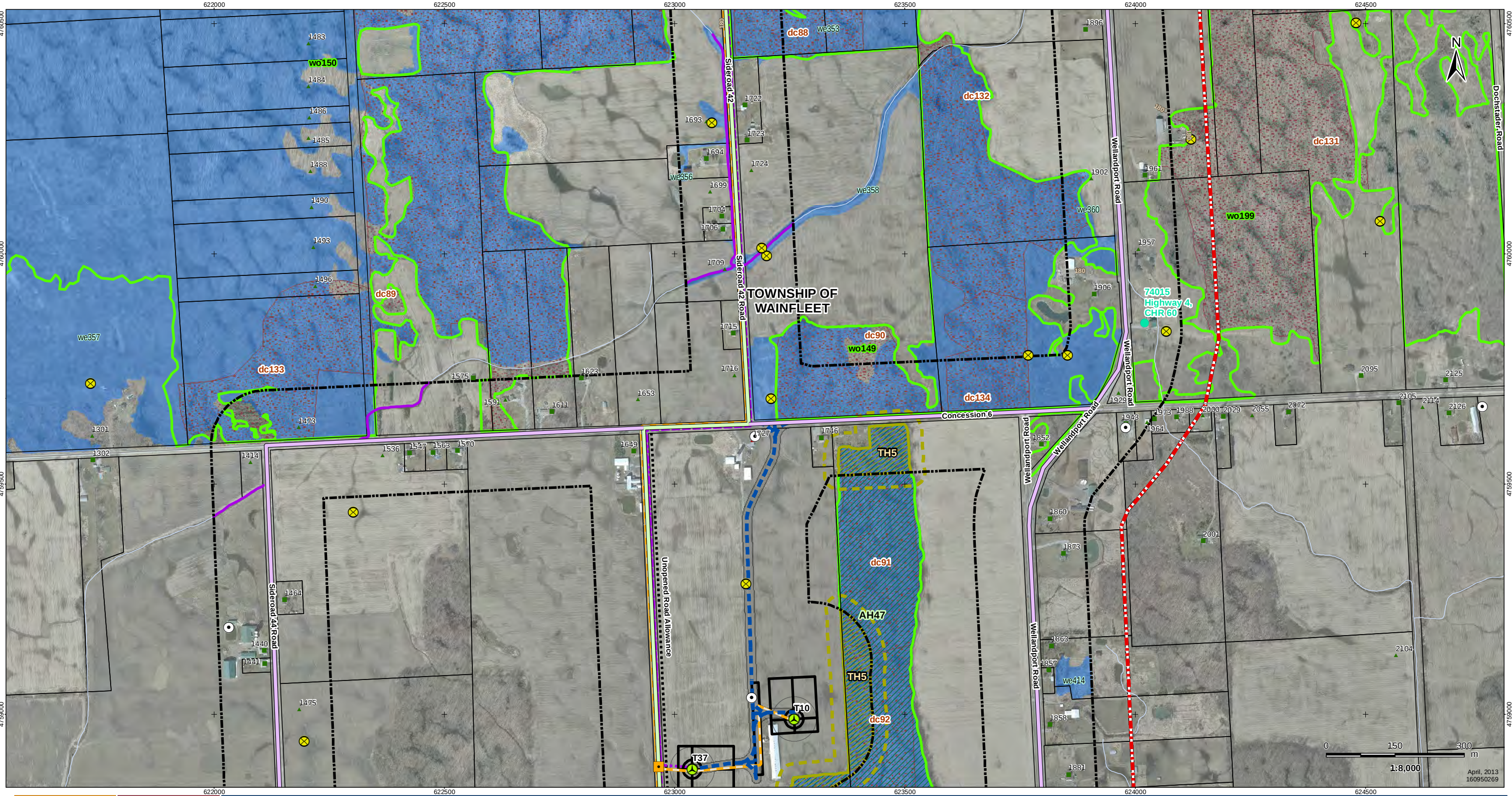


Client/Project
Niagara Region Wind Corporation

Figure No.
2.40

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.40**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

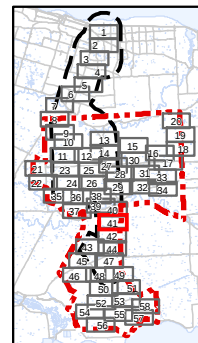
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

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- Noise receptors are identified within 1500m of any wind turbine.

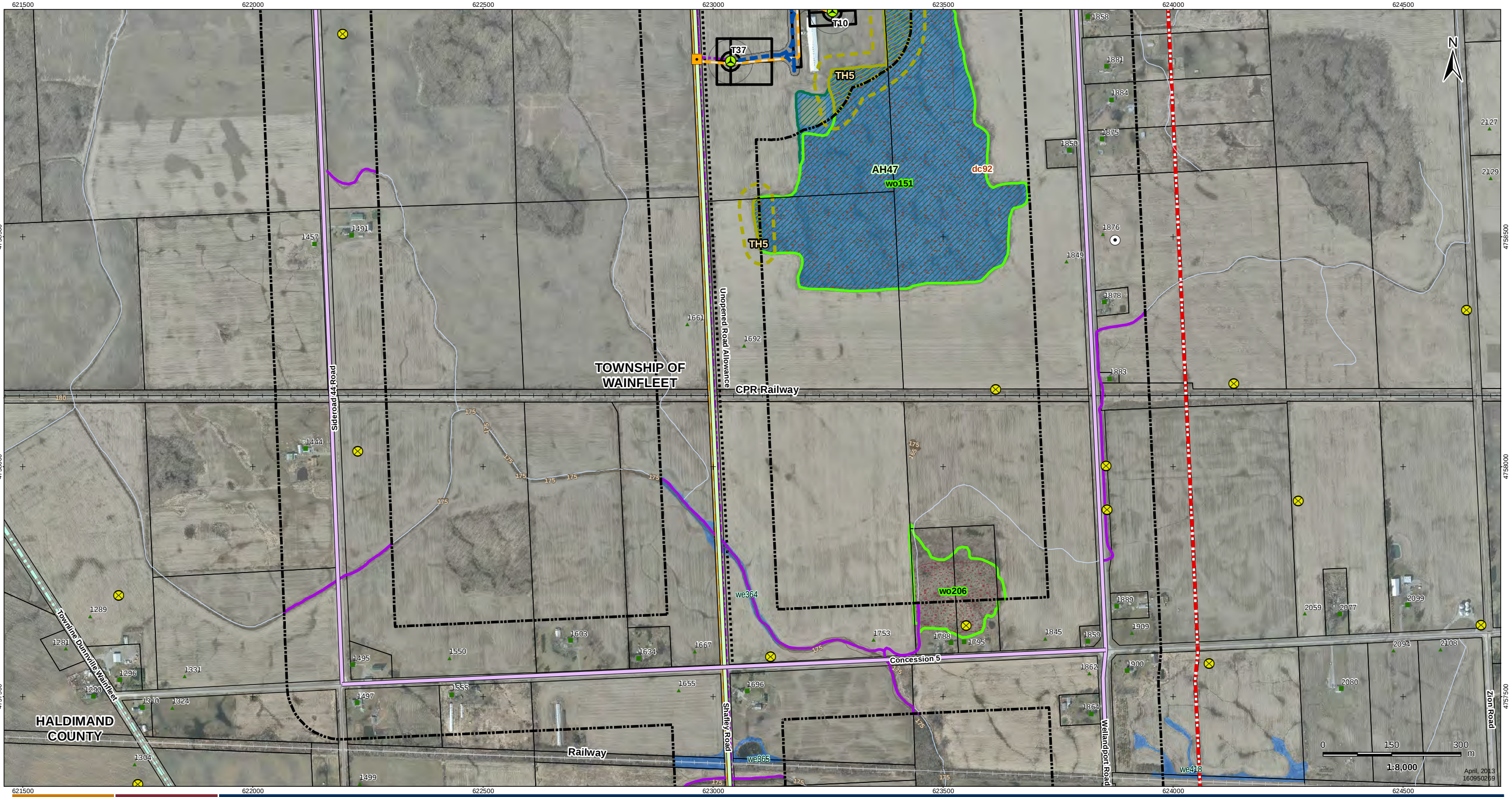


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Niagara Region Wind Corporation

Figure No.
2.41

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.41**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

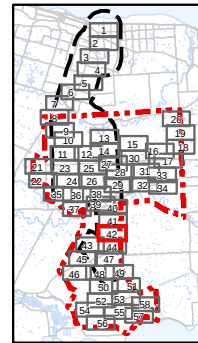
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

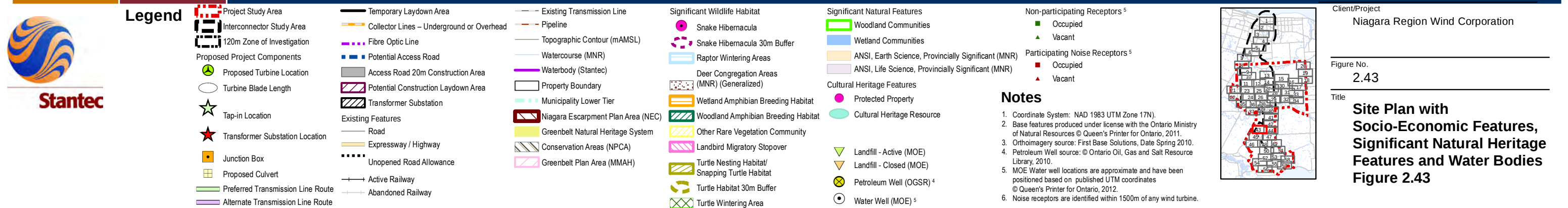
- Coordinate System: NAD 1983 UTM Zone 17N).
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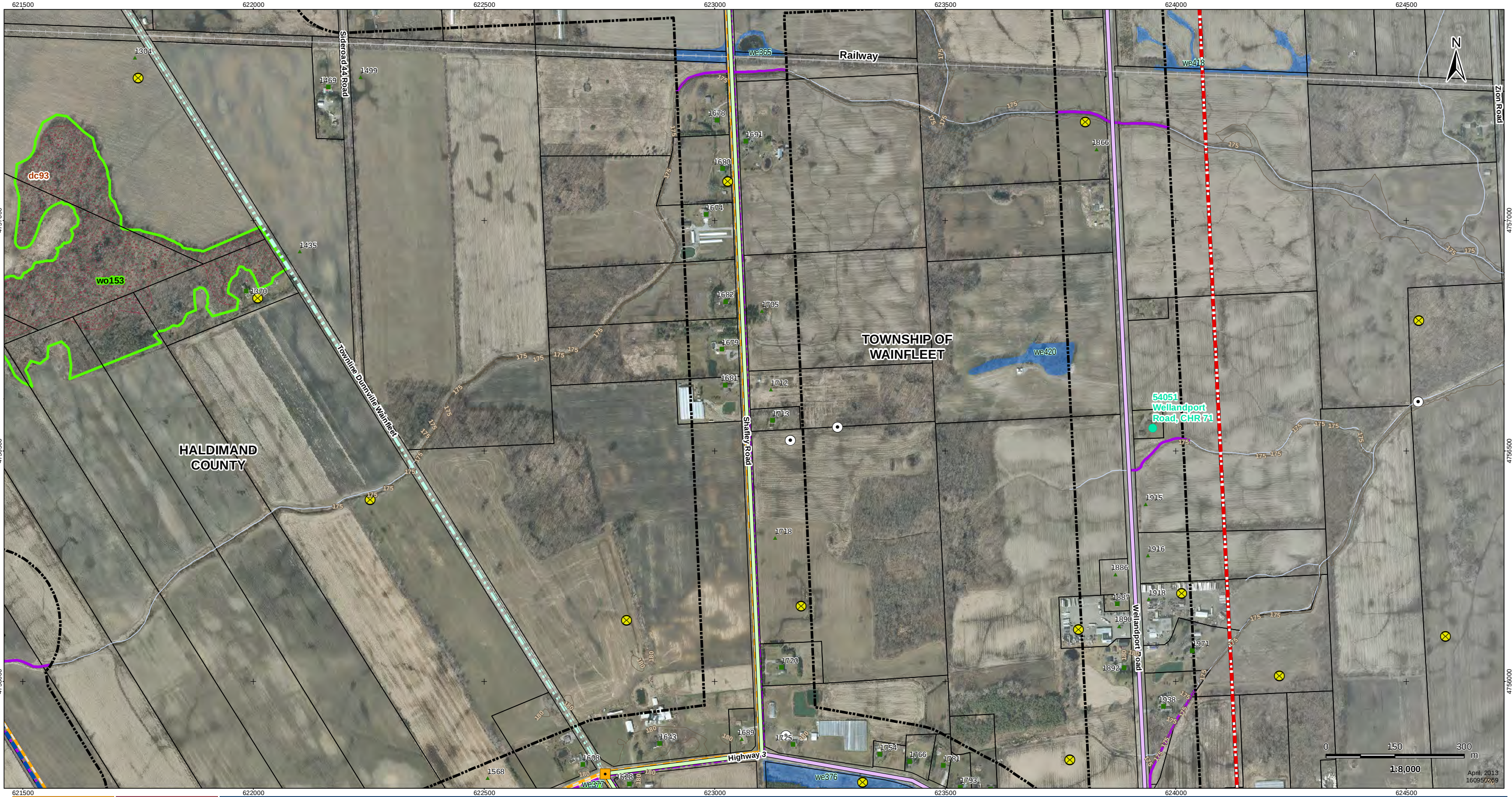
Client/Project
Niagara Region Wind Corporation

Figure No.
2.42

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.42**



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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

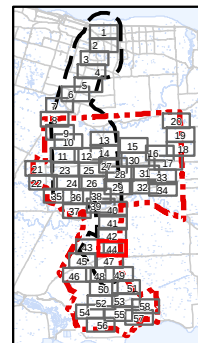
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
- Occupied
- Vacant
- Participating Noise Receptors ⁵
- Occupied
- Vacant

Notes

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- Noise receptors are identified within 1500m of any wind turbine.

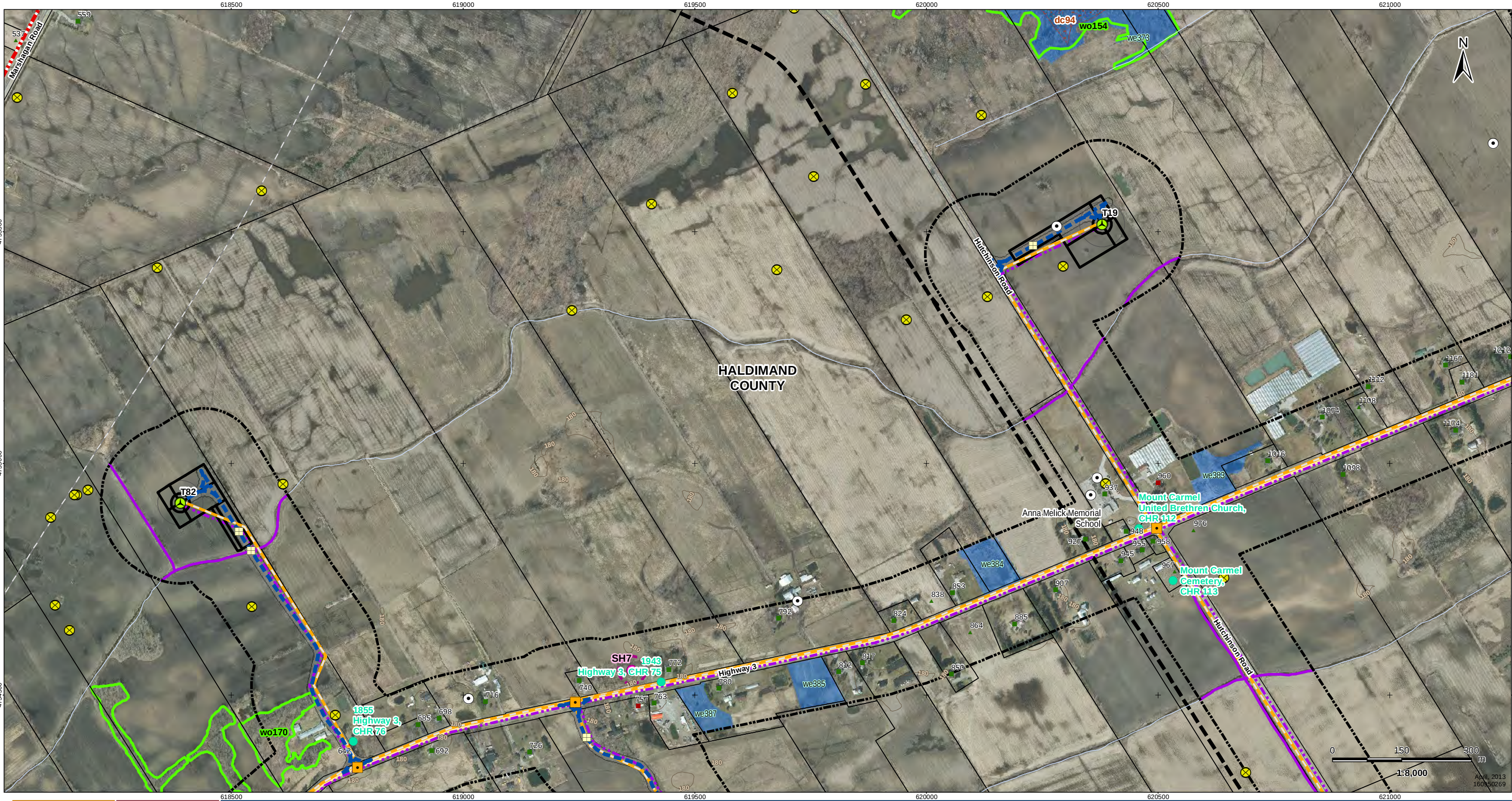


Client/Project
Niagara Region Wind Corporation

Figure No.
2.44

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.44**

V:\0609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

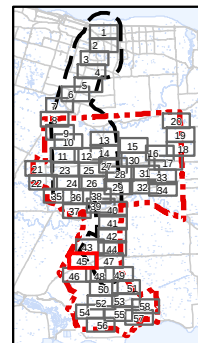
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵
 - Occupied
 - Vacant
- ### Notes
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 - Noise receptors are identified within 1500m of any wind turbine.

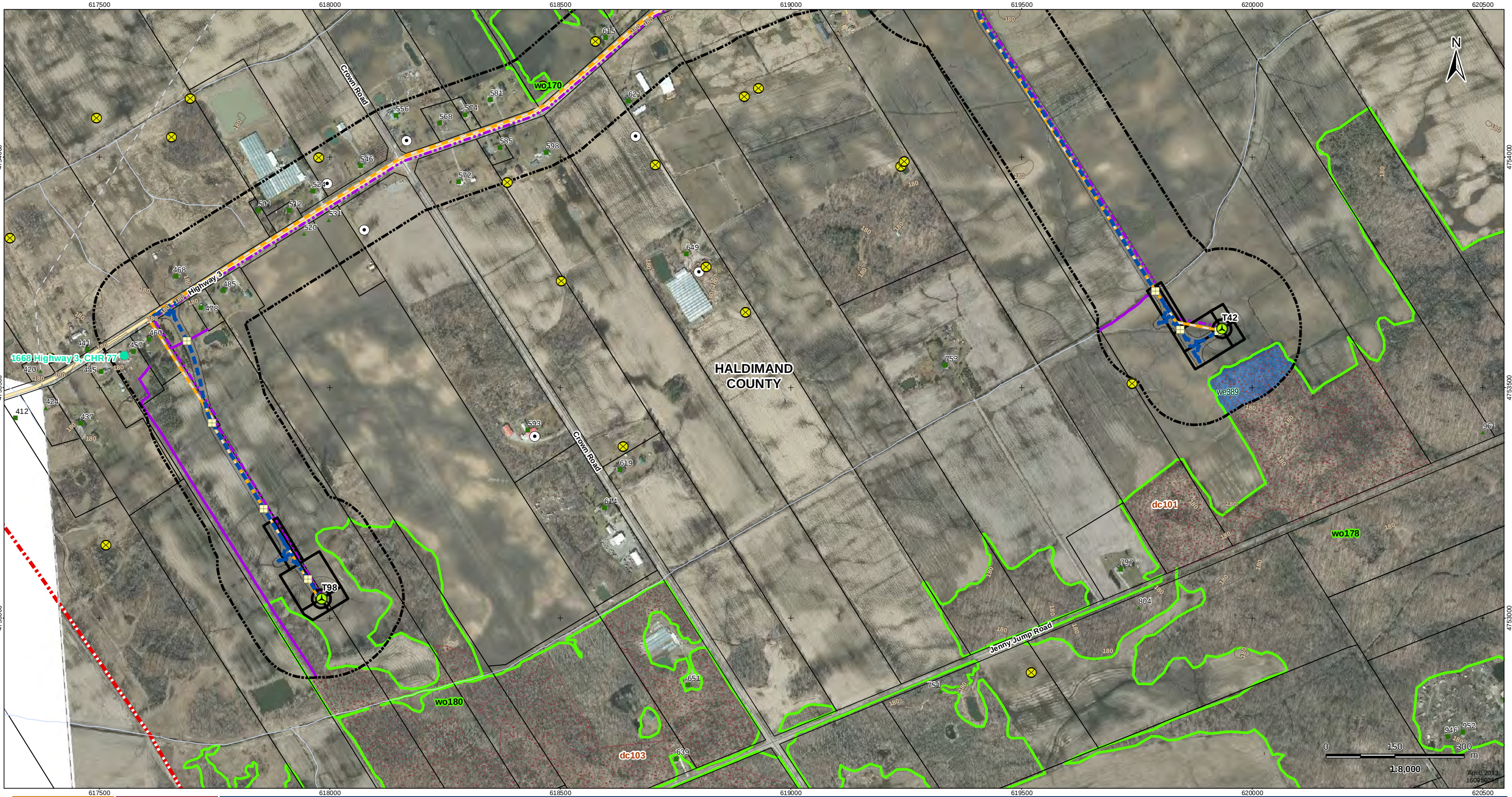


Client/Project
Niagara Region Wind Corporation

Figure No.
2.45

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.45**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

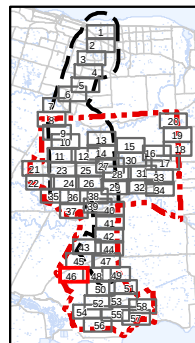
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
- Occupied
- Vacant
- Participating Noise Receptors ⁵
- Occupied
- Vacant

Notes

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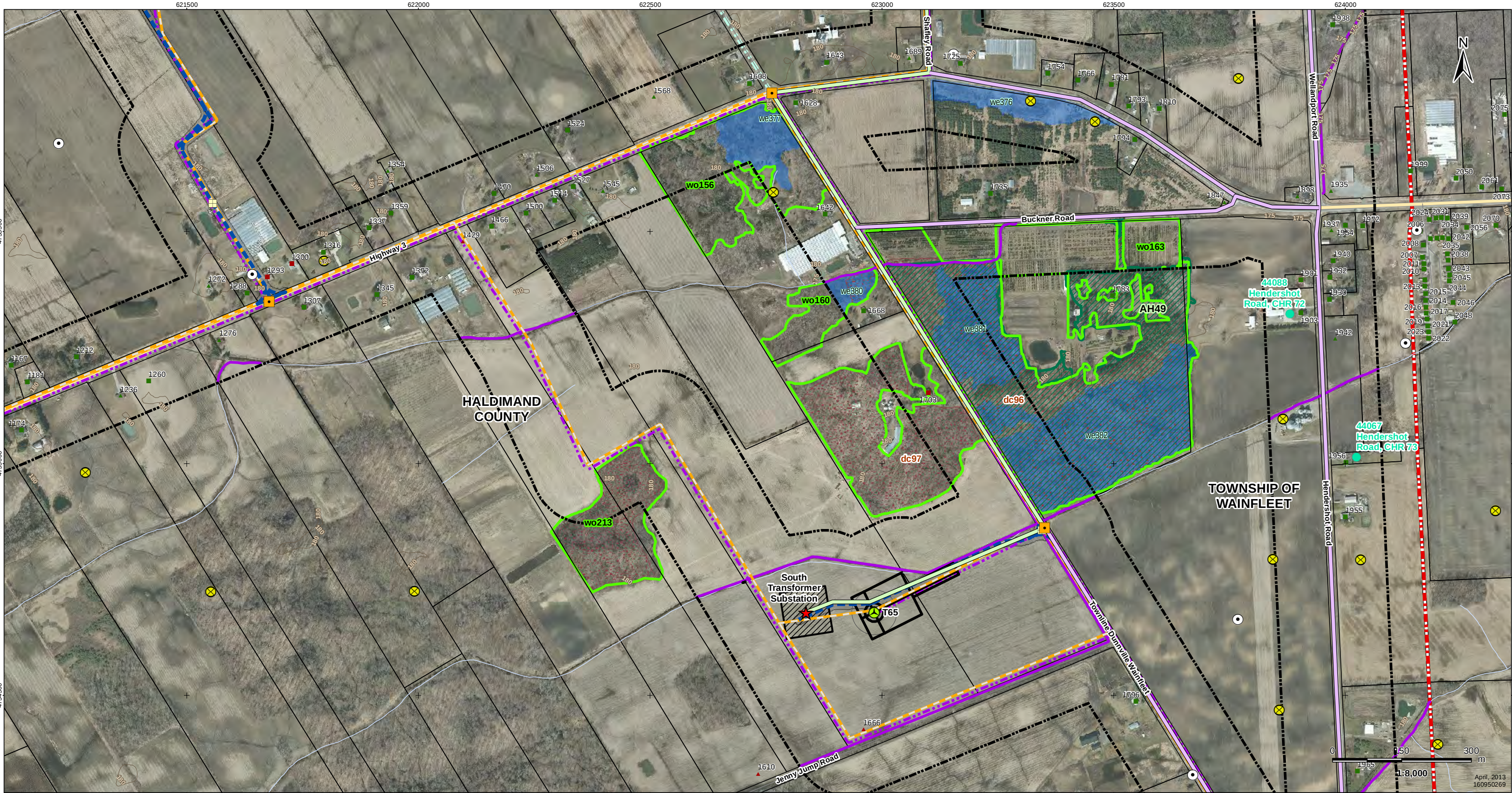


Client/Project
Niagara Region Wind Corporation

Figure No.
2.46

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.46**

V:\0609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

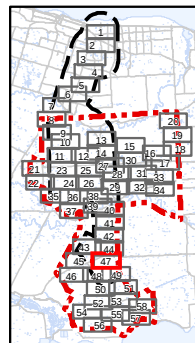
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵
 - Occupied
 - Vacant
- ### Notes
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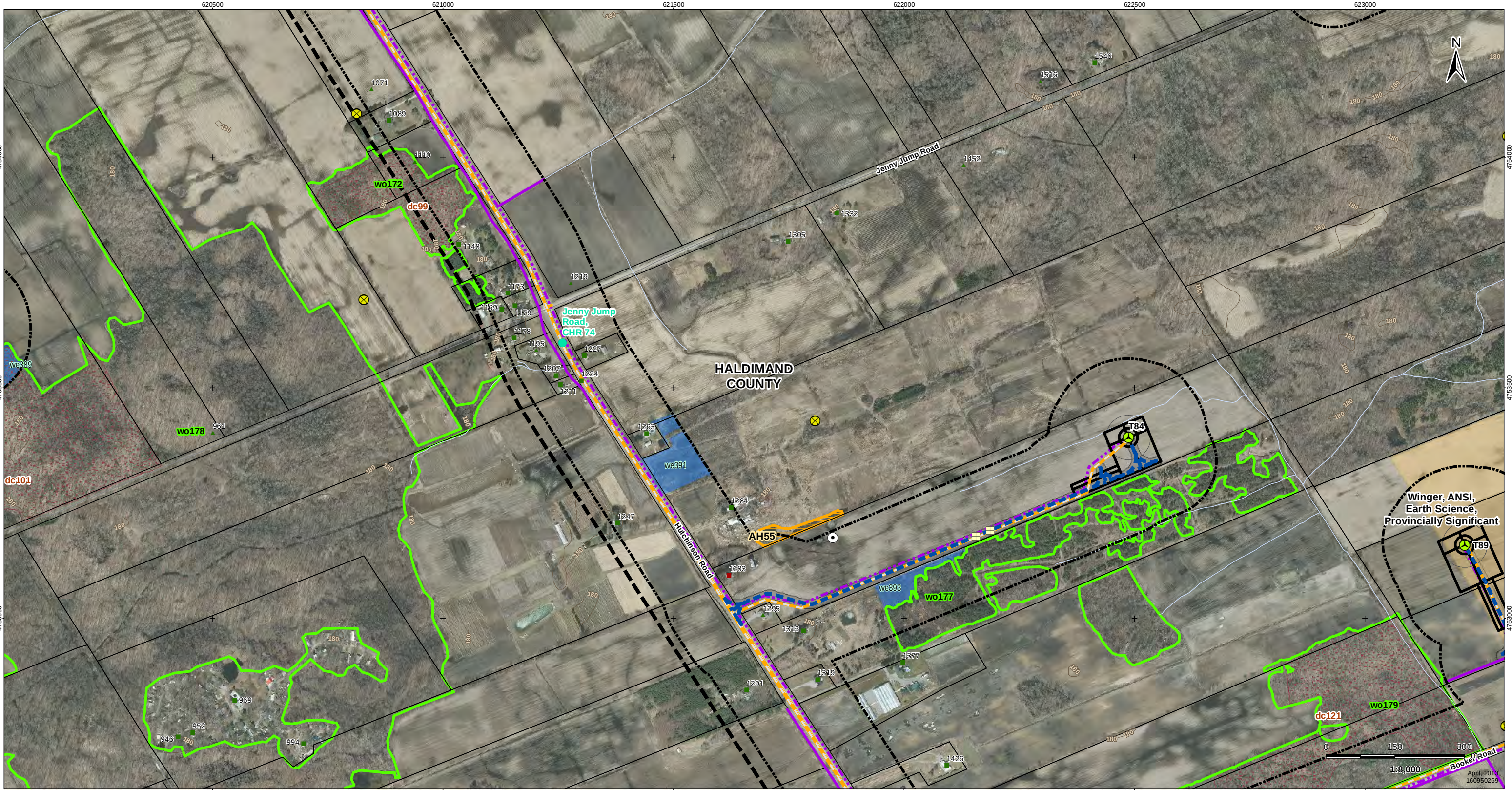


Client/Project
Niagara Region Wind Corporation

Figure No.
2.47

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.47**

V:\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



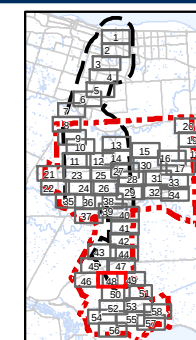
Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway
- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area
- Significant Wildlife Habitat
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵
 - Occupied
 - Vacant
- ### Notes
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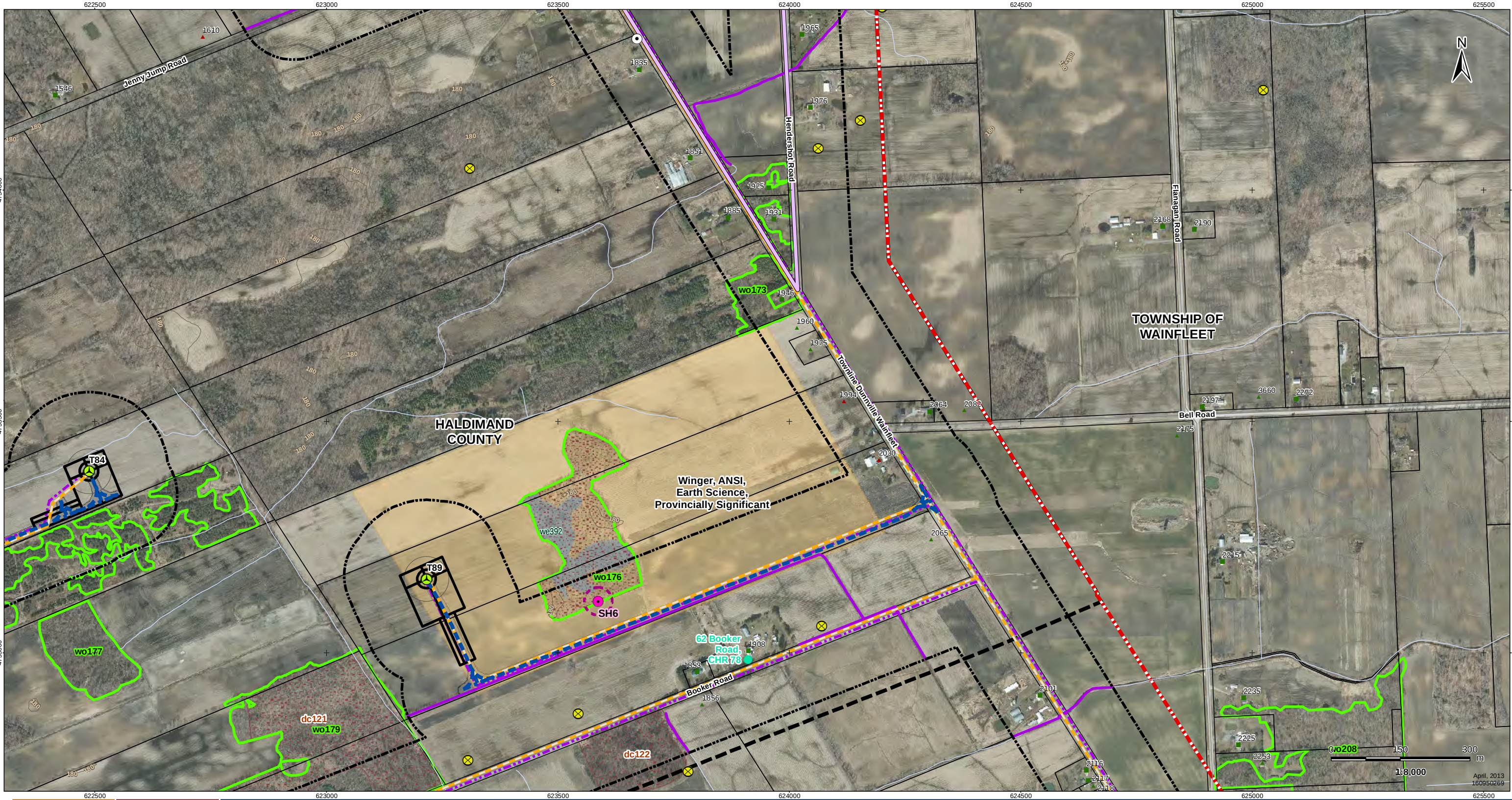


Client/Project
Niagara Region Wind Corporation

Figure No.
2.48

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.48**

V:\0609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

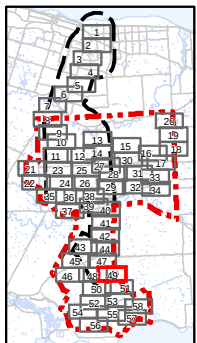
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵**
 - Occupied
 - Vacant
- ### Notes
- Coordinate System: NAD 1983 UTM Zone 17N).
 - Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
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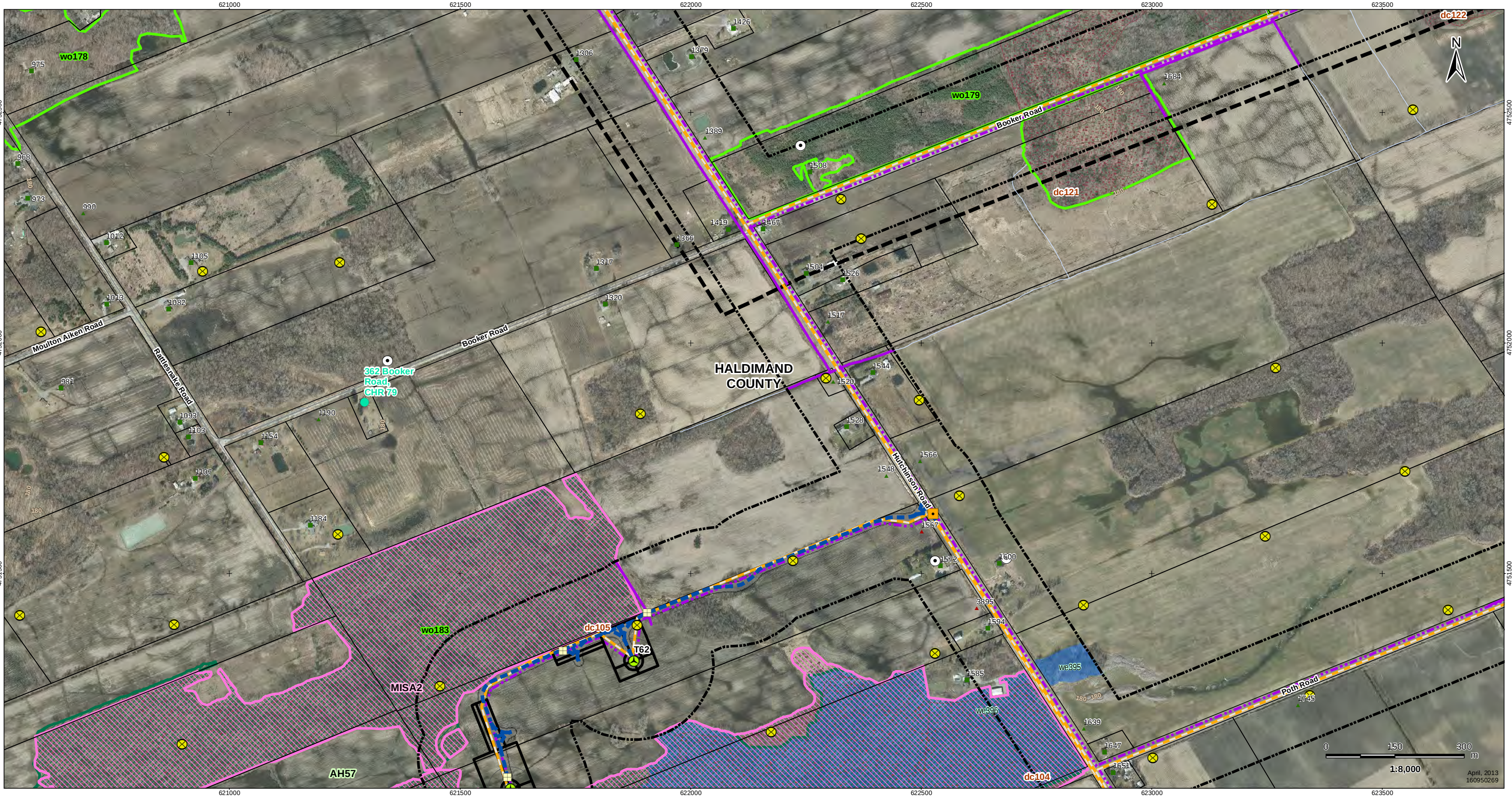


Client/Project
Niagara Region Wind Corporation

Figure No.
2.49

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.49**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

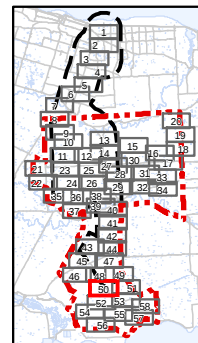
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

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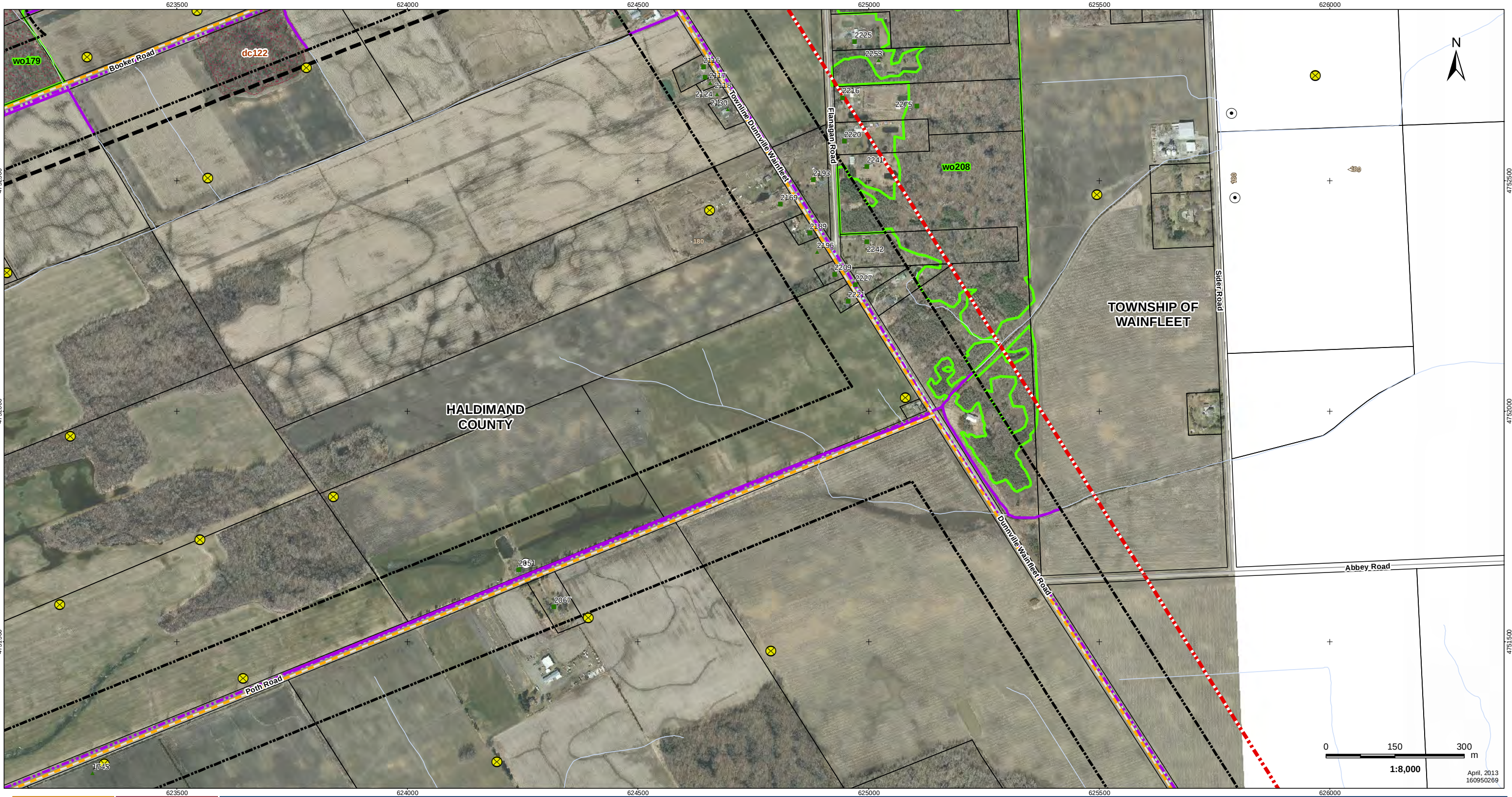


Client/Project
Niagara Region Wind Corporation

Figure No.
2.50

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.50**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

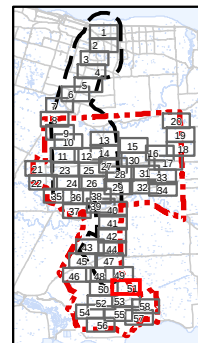
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵
 - Occupied
 - Vacant
- ### Notes
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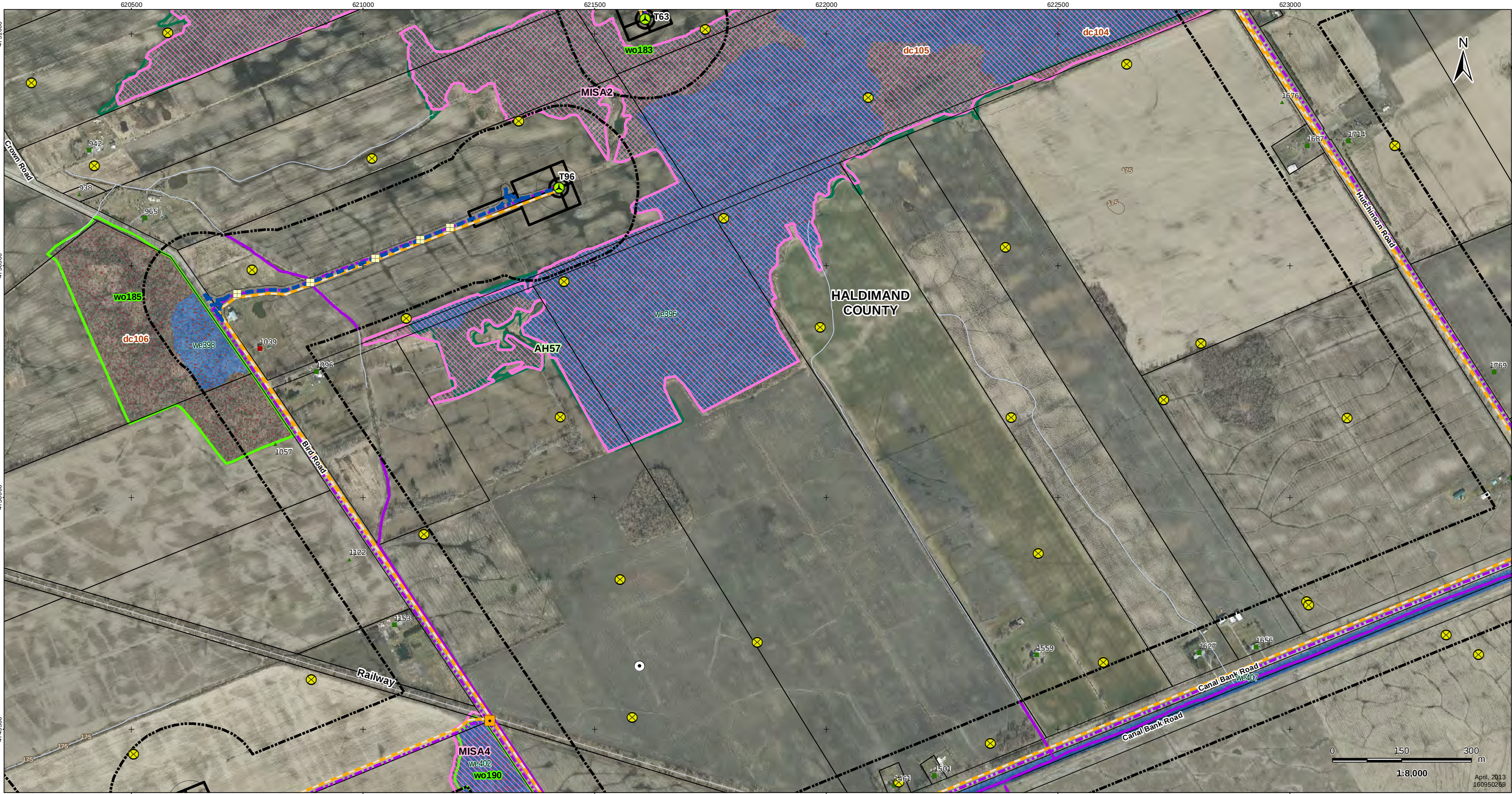
Client/Project
Niagara Region Wind Corporation

Figure No.
2.51

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.51**

April, 2013
160950269

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

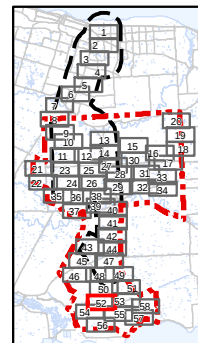
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

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- Noise receptors are identified within 1500m of any wind turbine.



Client/Project
Niagara Region Wind Corporation

Figure No.
2.52

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.52**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

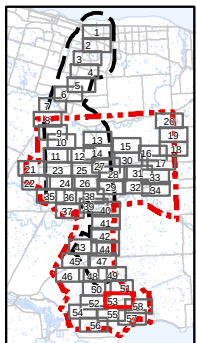
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

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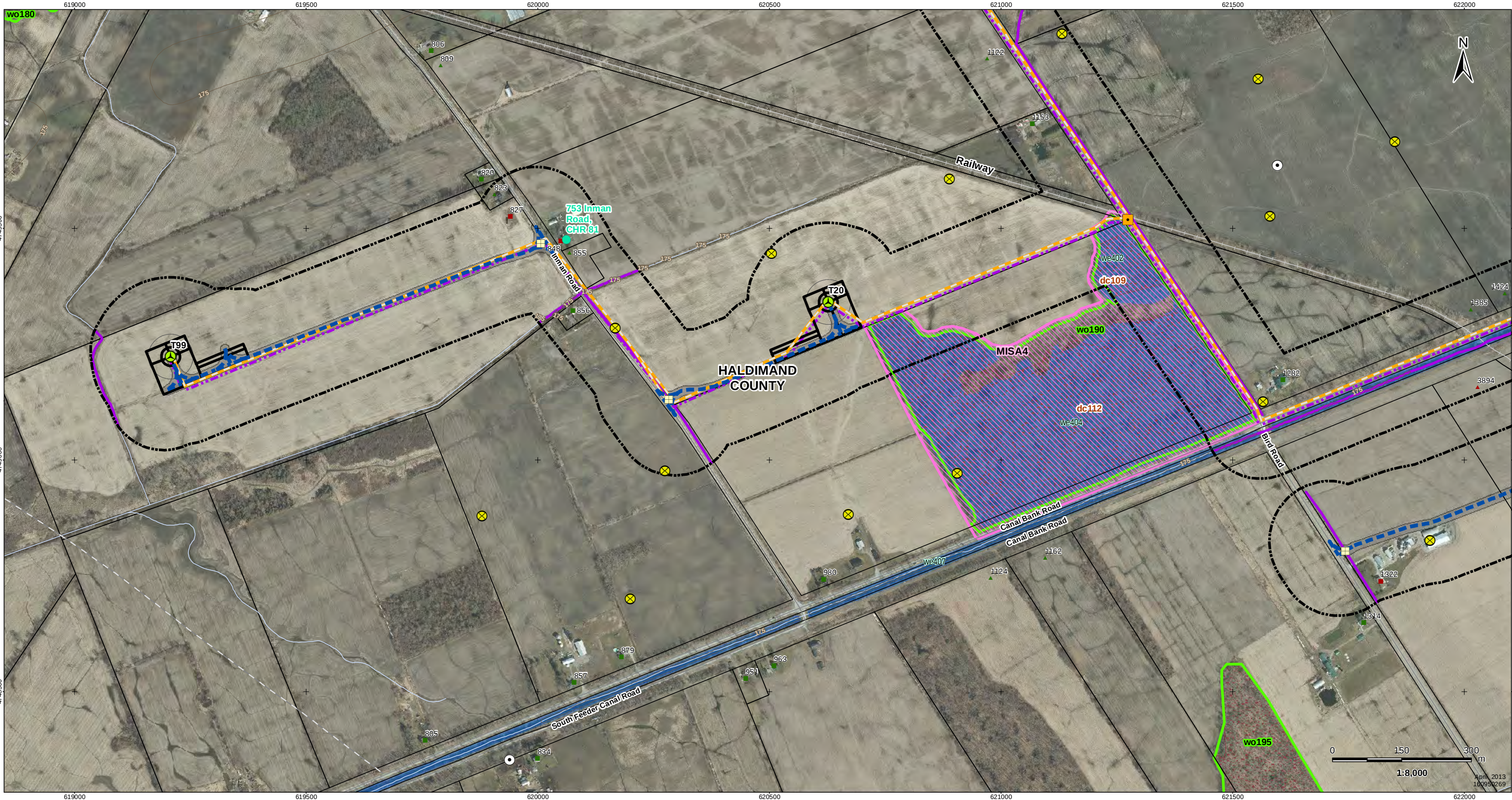


Client/Project
Niagara Region Wind Corporation

Figure No.
2.53

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.53**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
 - Proposed Turbine Location
 - Turbine Blade Length
 - Tap-in Location
 - Transformer Substation Location
 - Junction Box
 - Proposed Culvert
 - Preferred Transmission Line Route
 - Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
 - Road
 - Expressway / Highway
 - Unopened Road Allowance
 - Active Railway
 - Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

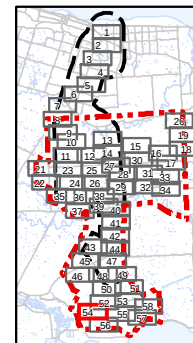
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - Turtle Nesting Habitat/ Snapping Turtle Habitat
 - Turtle Habitat 30m Buffer
 - Turtle Wintering Area

- Significant Natural Features
 - Woodland Communities
 - Wetland Communities
 - ANSI, Earth Science, Provincially Significant (MNR)
 - ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
 - Protected Property
 - Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
- Participating Noise Receptors ⁵
 - Occupied
 - Vacant

Notes

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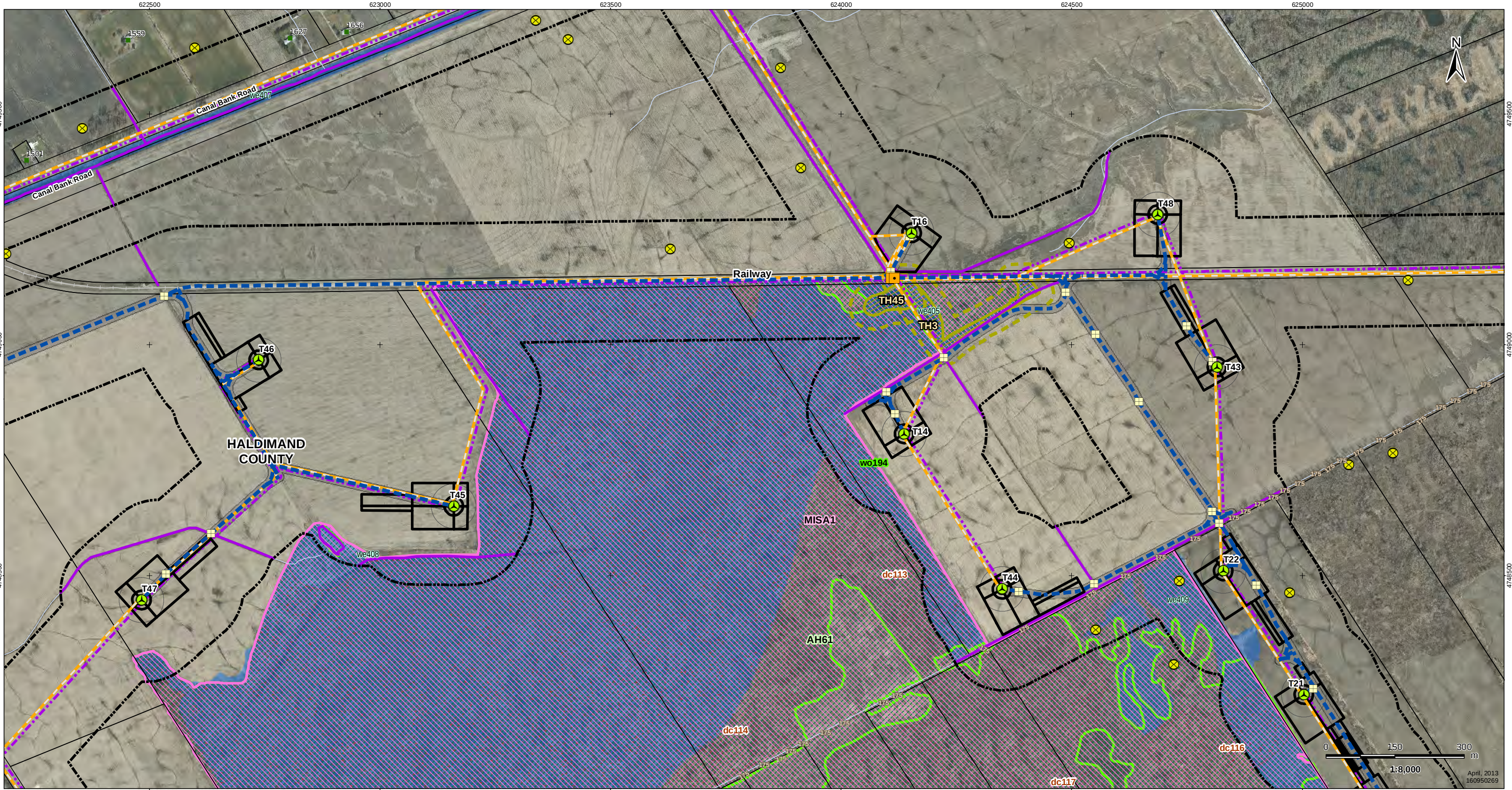


Client/Project
Niagara Region Wind Corporation

Figure No.
2.54

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.54**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
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- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

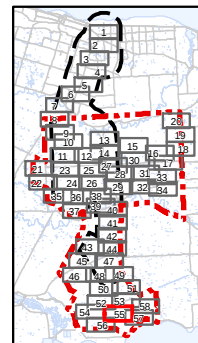
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
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- Abandoned Railway

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- Pipeline
- Topographic Contour (mAMSL)
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- Municipality Lower Tier
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- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat
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- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵
 - Occupied
 - Vacant
 - Participating Noise Receptors ⁵
 - Occupied
 - Vacant
- ### Notes
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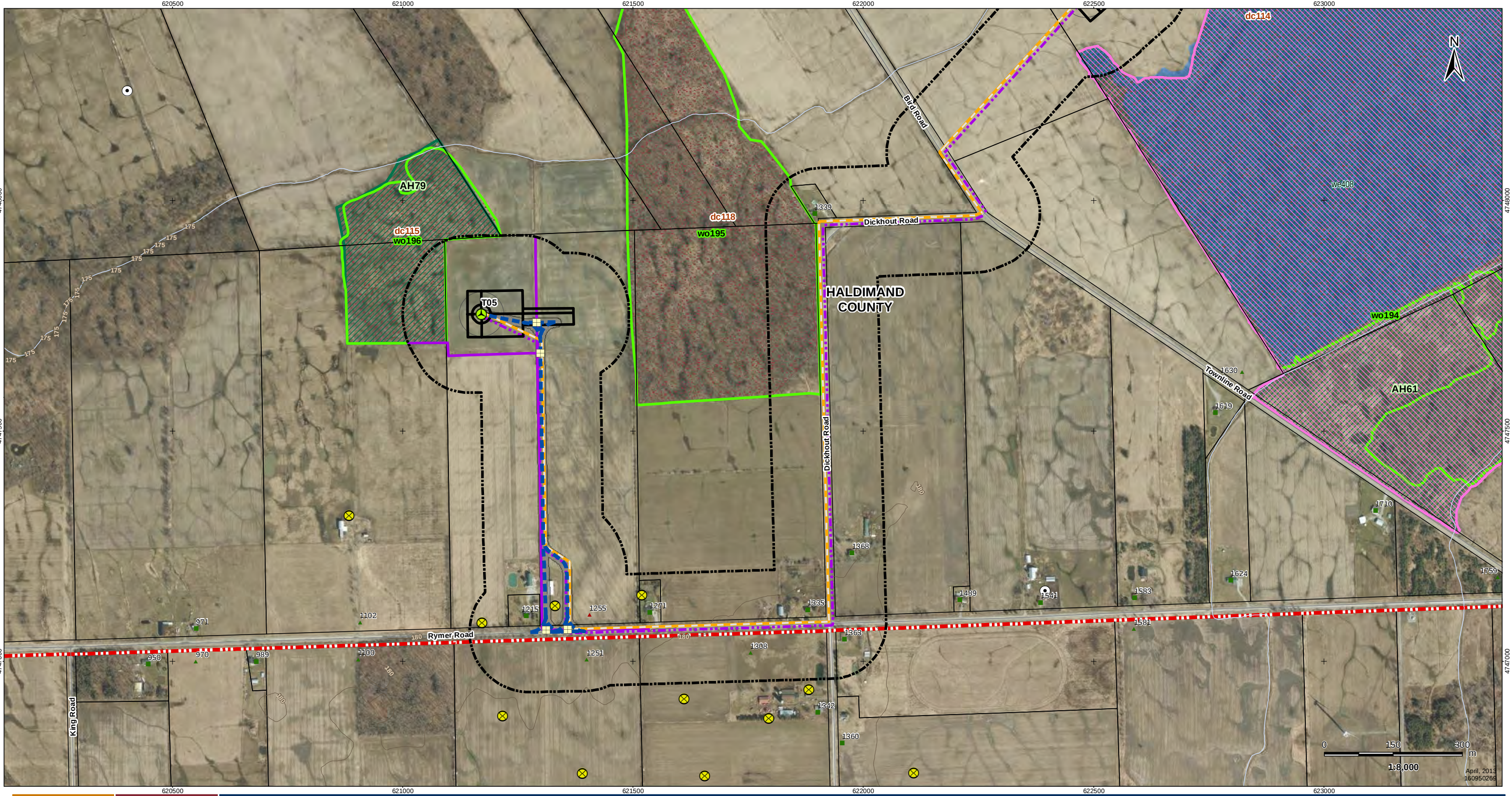


Client/Project
Niagara Region Wind Corporation

Figure No.
2.55

Title
**Site Plan with
Socio-Economic Features,
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Figure 2.55**

V:\01609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
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Legend

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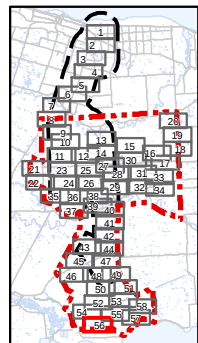
- Temporary Laydown Area
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- Access Road 20m Construction Area
- Potential Construction Laydown Area
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- Existing Features**
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- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
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- Watercourse (MNR)
- Waterbody (Stantec)
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- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
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 - Vacant
 - Participating Noise Receptors ⁵**
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Client/Project
Niagara Region Wind Corporation

Figure No.
2.56

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.56**

V:\0609\Active\160950269\planning\drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



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- Tap-in Location
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- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway
- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

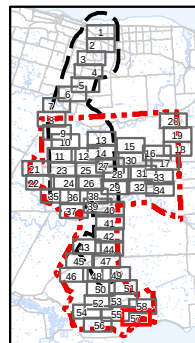
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Occupied
- Vacant
- Occupied
- Vacant

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.
- Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
- MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
- Noise receptors are identified within 1500m of any wind turbine.

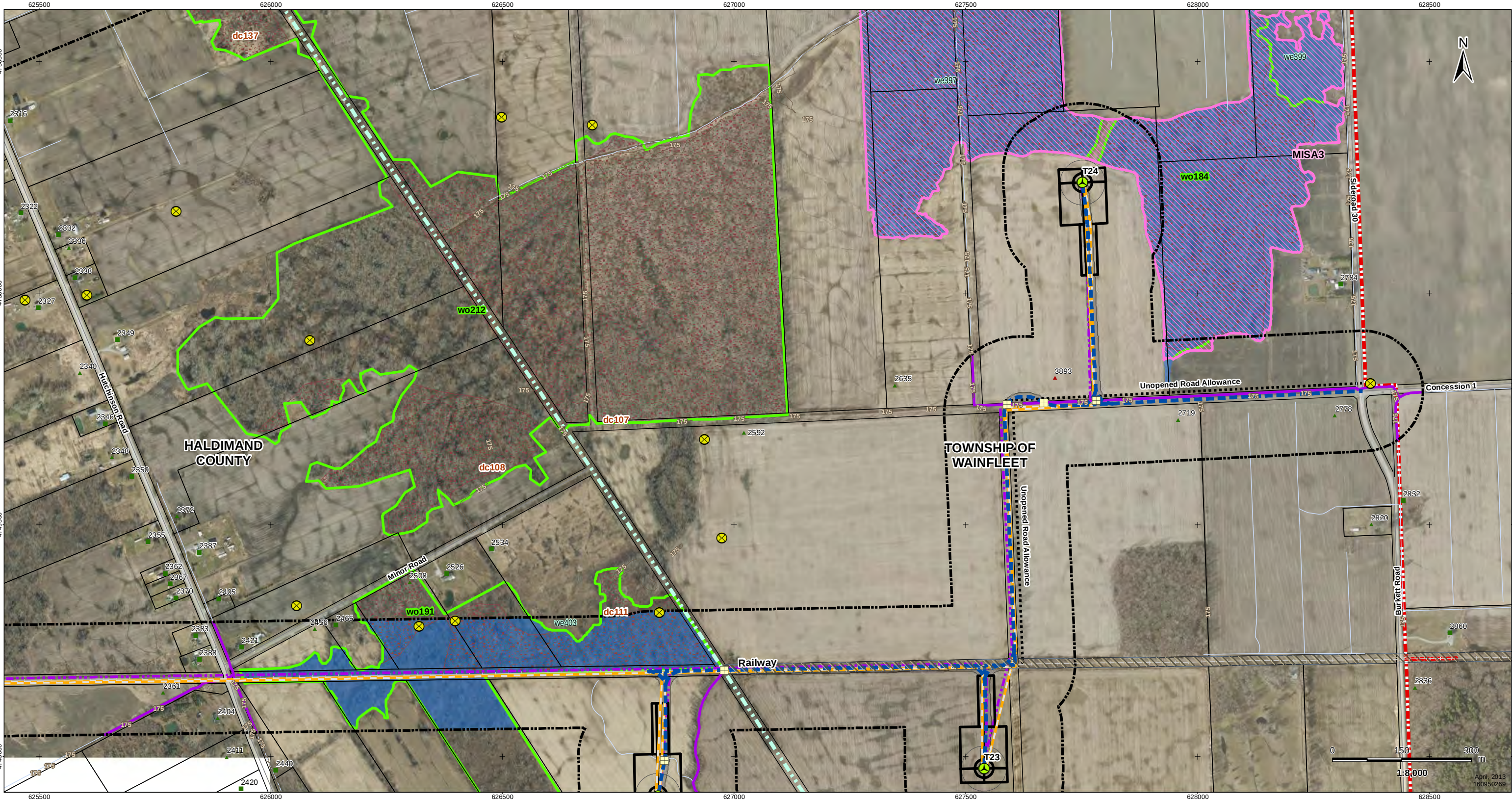


Client/Project
Niagara Region Wind Corporation

Figure No.
2.57

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.57**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Technical_Reports\160950269_Fig_02_Site_Plan_With_Socio_Eco_Natural_Features_Mapbook.mxd
Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
- Proposed Turbine Location
- Turbine Blade Length
- Tap-in Location
- Transformer Substation Location
- Junction Box
- Proposed Culvert
- Preferred Transmission Line Route
- Alternate Transmission Line Route

- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway
- Abandoned Railway

- Existing Transmission Line
- Pipeline
- Topographic Contour (mAMSL)
- Watercourse (MNR)
- Waterbody (Stantec)
- Property Boundary
- Municipality Lower Tier
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

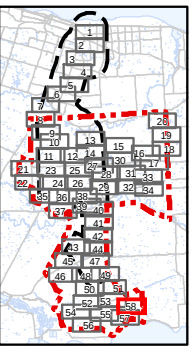
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle Nesting Habitat/ Snapping Turtle Habitat
- Turtle Habitat 30m Buffer
- Turtle Wintering Area

- Significant Natural Features**
- Woodland Communities
- Wetland Communities
- ANSI, Earth Science, Provincially Significant (MNR)
- ANSI, Life Science, Provincially Significant (MNR)
- Cultural Heritage Features**
- Protected Property
- Cultural Heritage Resource
- Landfill - Active (MOE)
- Landfill - Closed (MOE)
- Petroleum Well (OGSR) ⁴
- Water Well (MOE) ⁵

- Non-participating Receptors ⁵**
- Occupied
- Vacant
- Participating Noise Receptors ⁵**
- Occupied
- Vacant

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthomage source: First Base Solutions, Date Spring 2010.
- Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
- MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
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Client/Project
Niagara Region Wind Corporation

Figure No.
2.58

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.58**