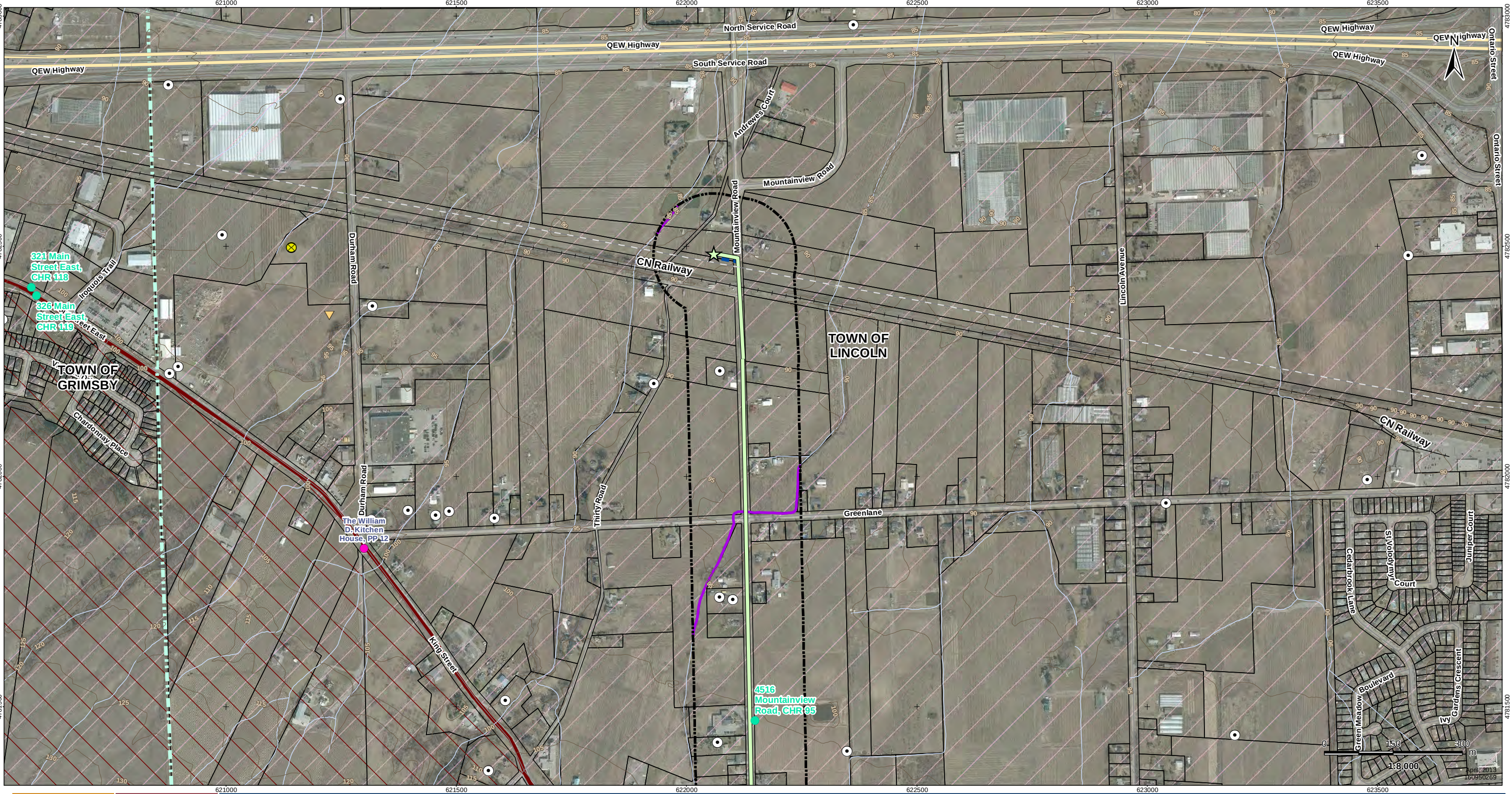


Appendix A

Figures

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
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

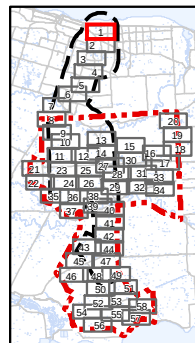
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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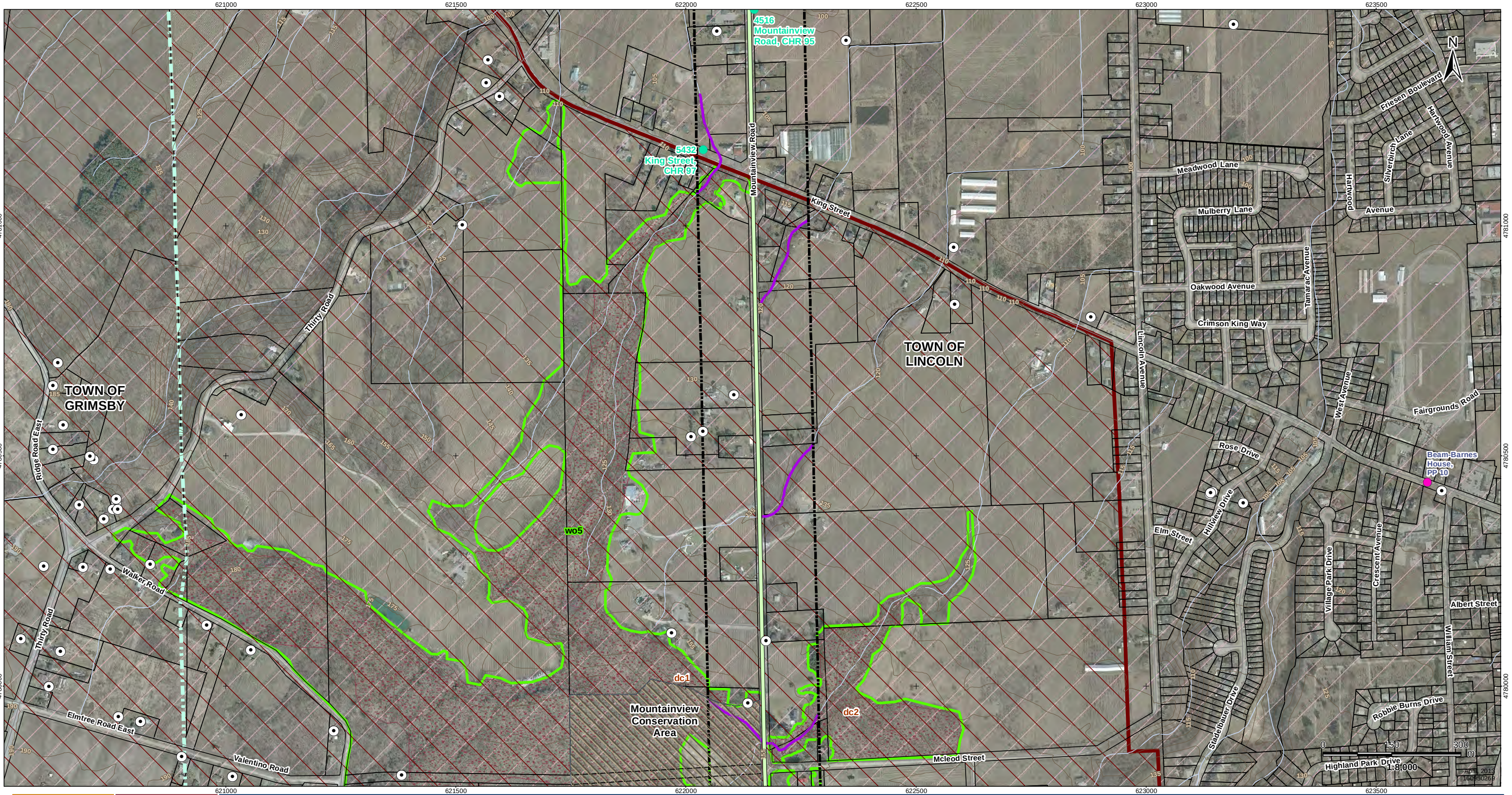


Client/Project
Niagara Region Wind Corporation

Figure No.
2.1

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.1**

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
- Niagara Escarpment Plan Area (NEC)
- Greenbelt Natural Heritage System
- Conservation Areas (NPCA)
- Greenbelt Plan Area (MMAH)

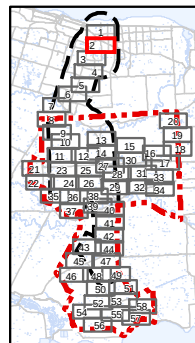
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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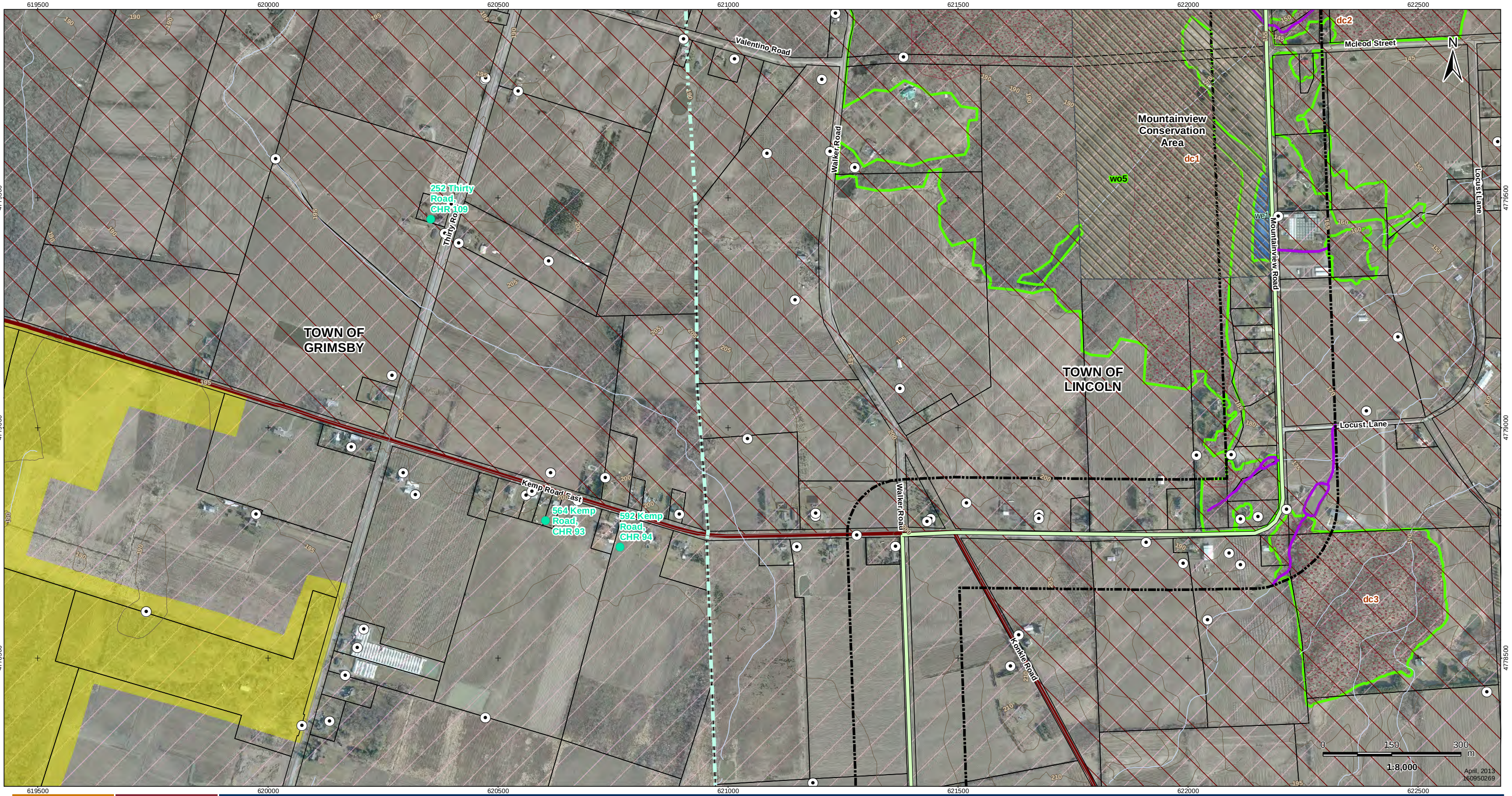


Client/Project
Niagara Region Wind Corporation

Figure No.
2.2

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.2**

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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)

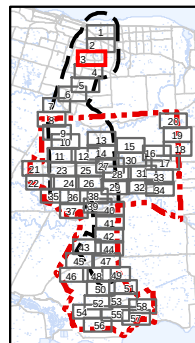
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

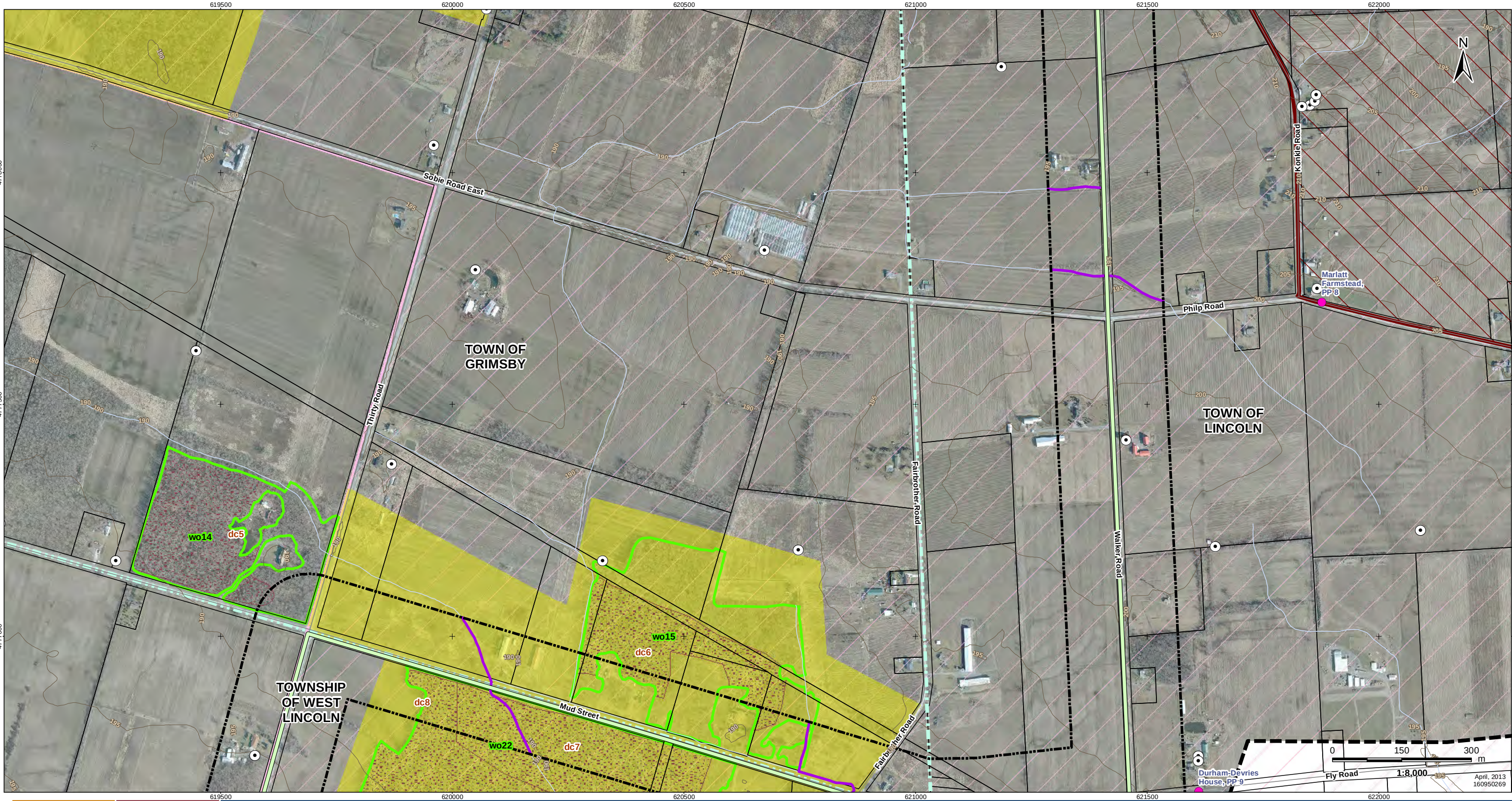
- Coordinate System: NAD 1983 UTM Zone 17N).
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- Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
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Client/Project
Niagara Region Wind Corporation

Figure No.
2.3

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.3**



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)

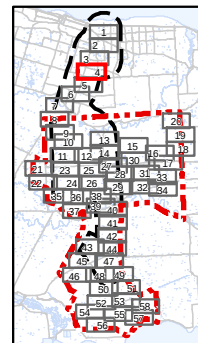
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - 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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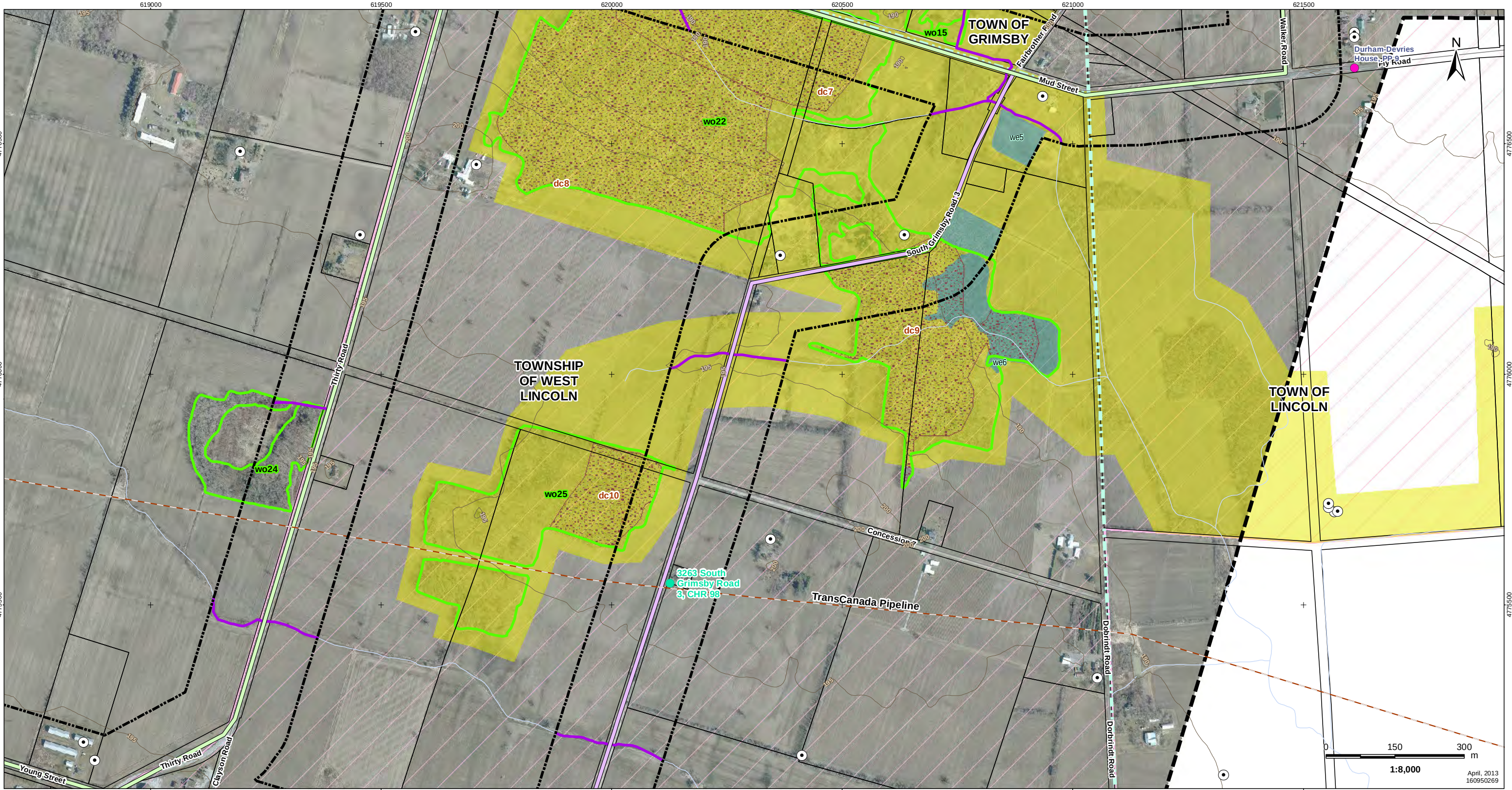
Client/Project
Niagara Region Wind Corporation

Figure No.
2.4

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.4**

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)

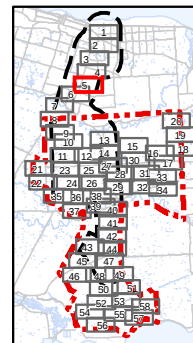
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - 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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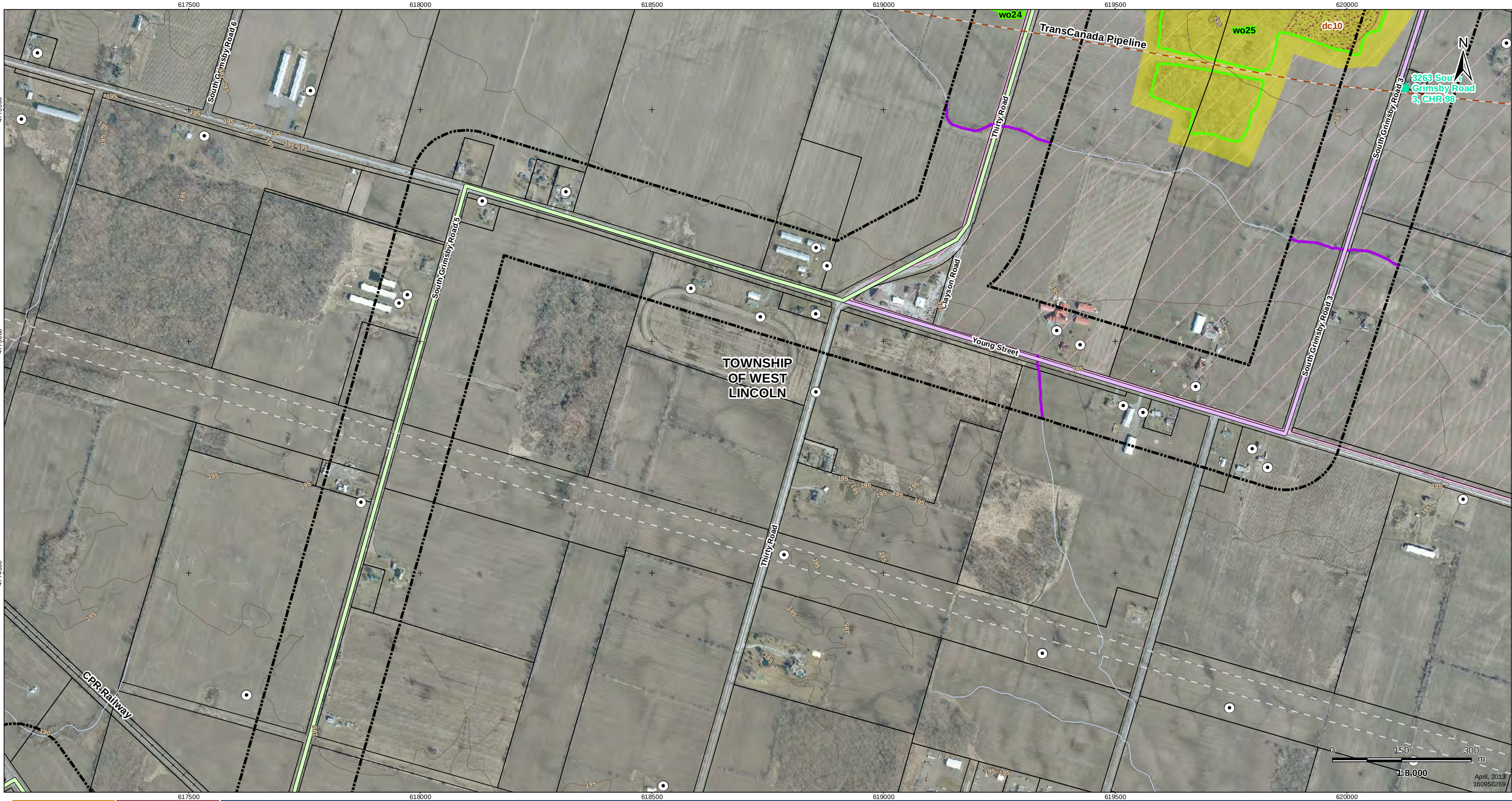
Client/Project
Niagara Region Wind Corporation

Figure No.
2.5

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.5**

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)

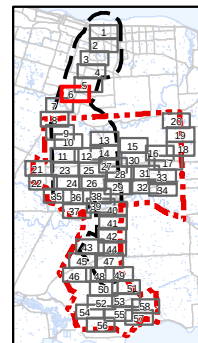
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

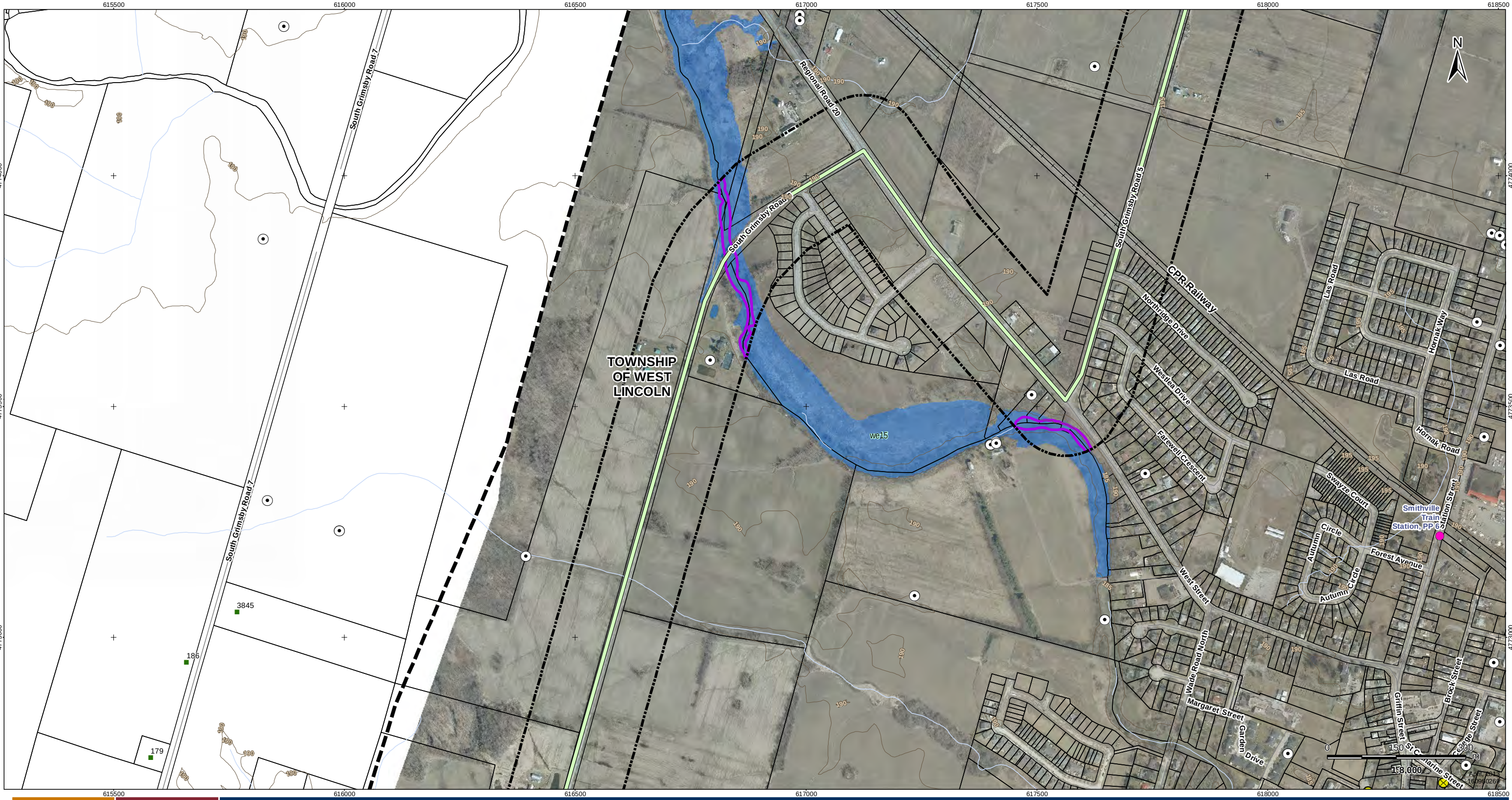


Client/Project
Niagara Region Wind Corporation

Figure No.
2.6

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.6**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
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 - Turbine Blade Length
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- Potential Construction Laydown Area
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 - 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)

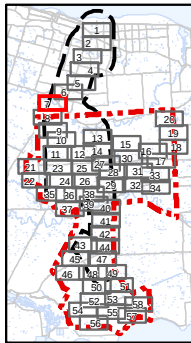
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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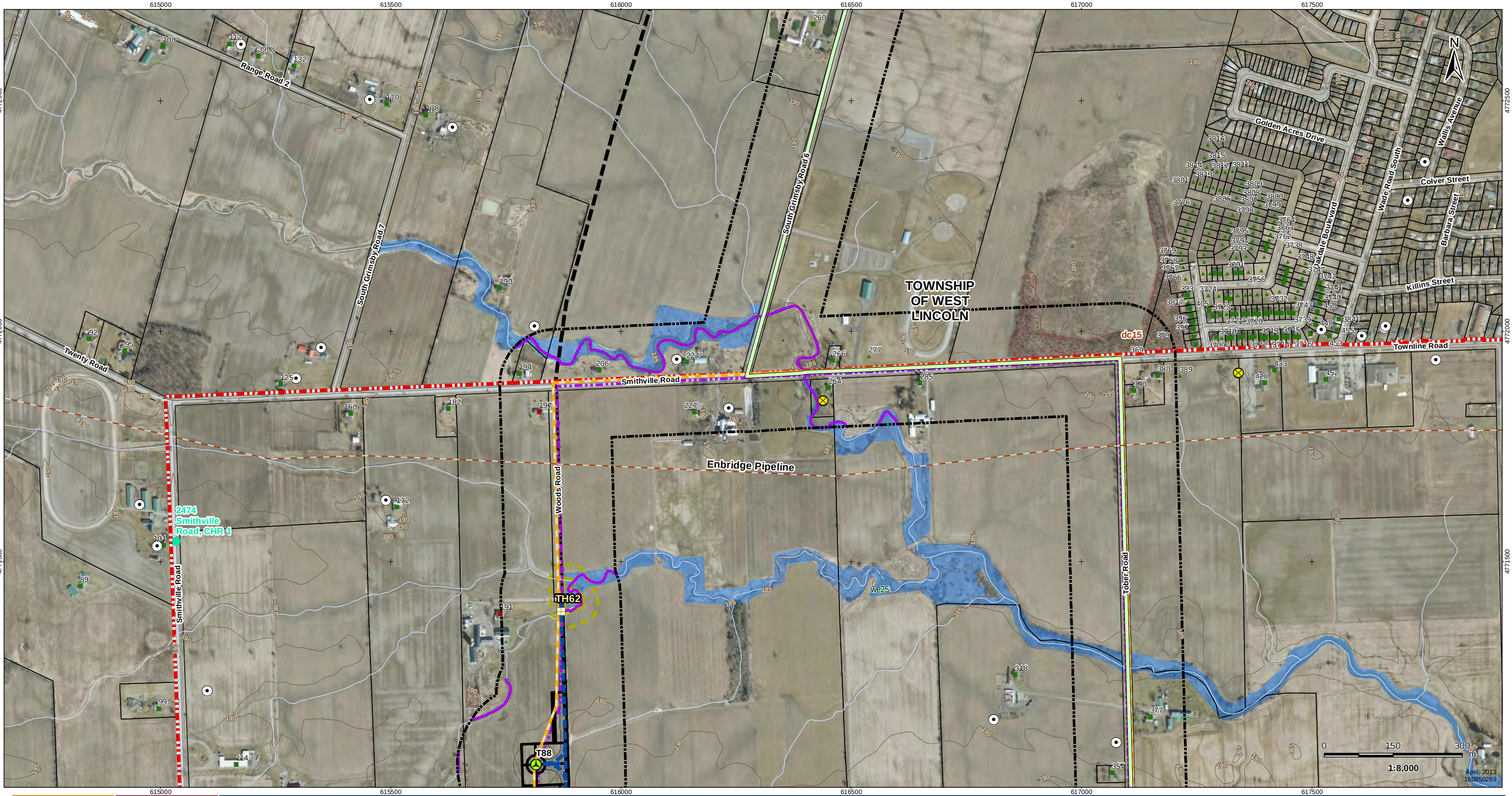


Client/Project
Niagara Region Wind Corporation

Figure No.
2.7

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.7**

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Revised: 2013-04-02 By: bcowper



Legend

- Project Study Area
- Interconnector Study Area
- 120m Zone of Investigation
- Proposed Project Components
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 - 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)

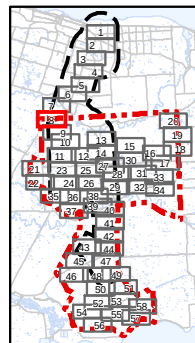
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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

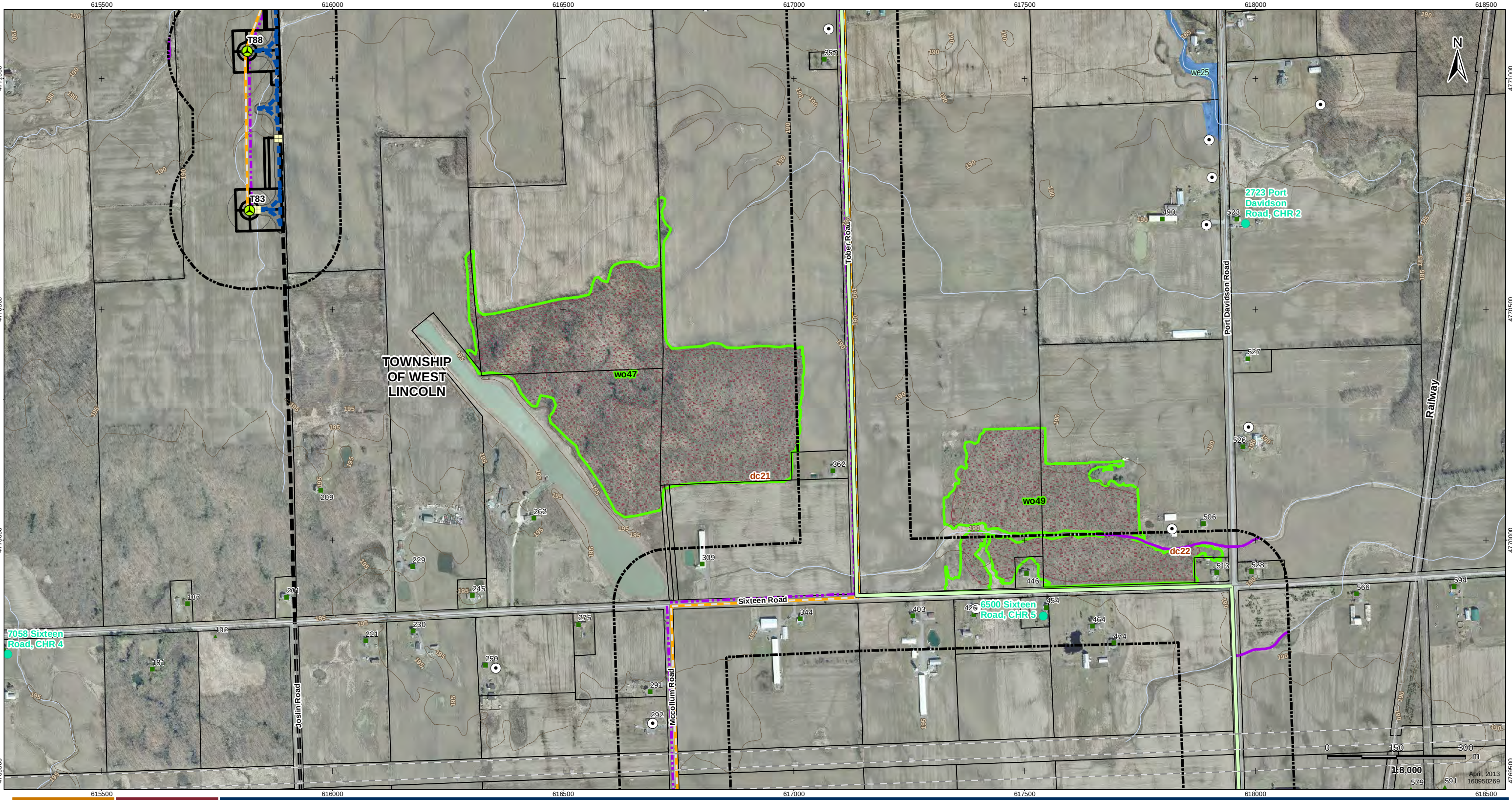


Client/Project
Niagara Region Wind Corporation

Figure No.
2.8

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.8**

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)

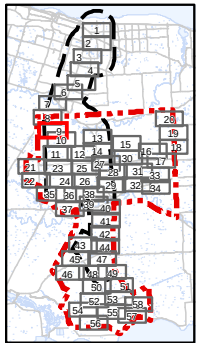
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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

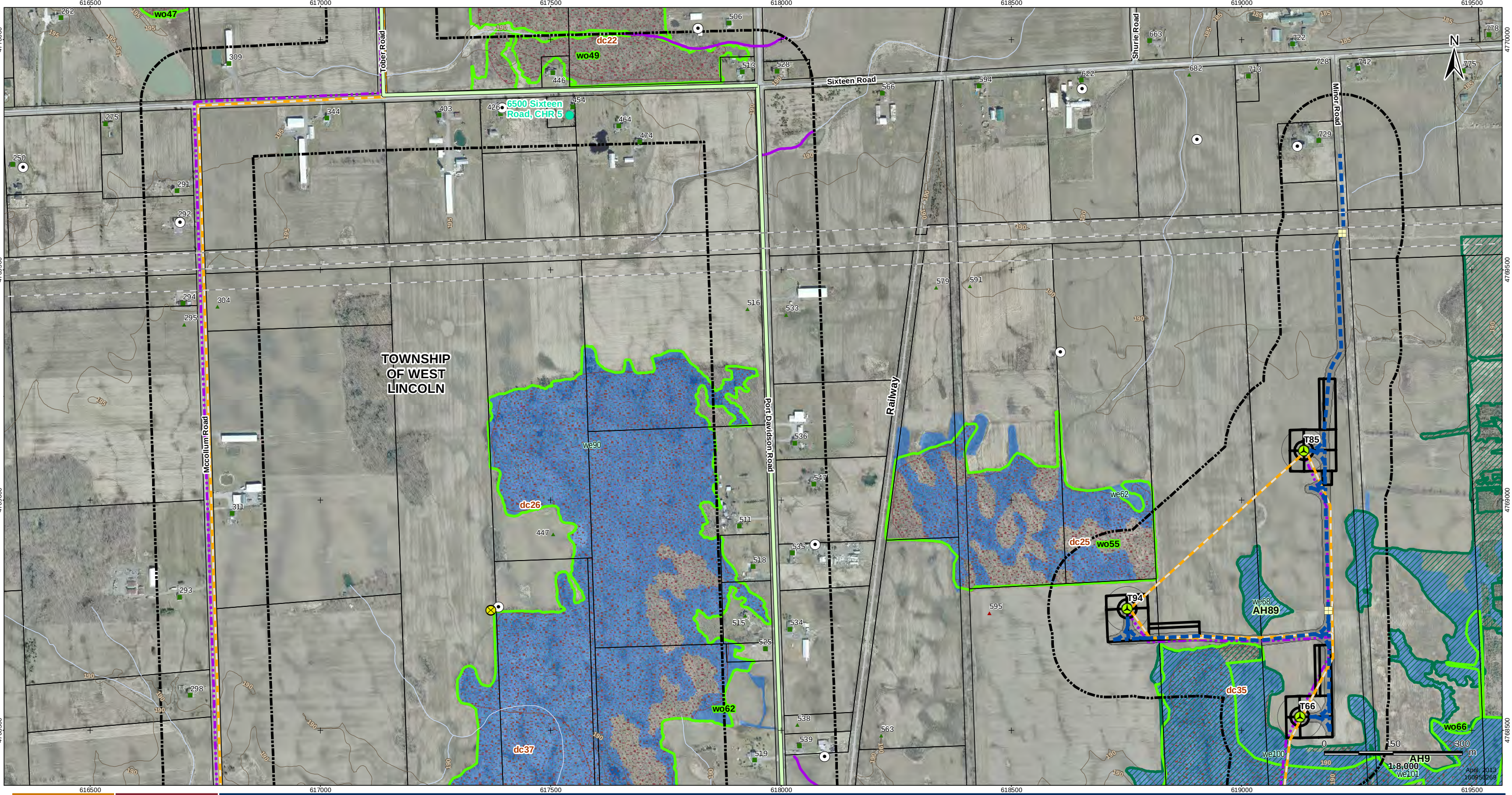


Client/Project
Niagara Region Wind Corporation

Figure No.
2.9

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.9**

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)

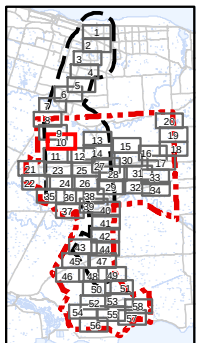
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

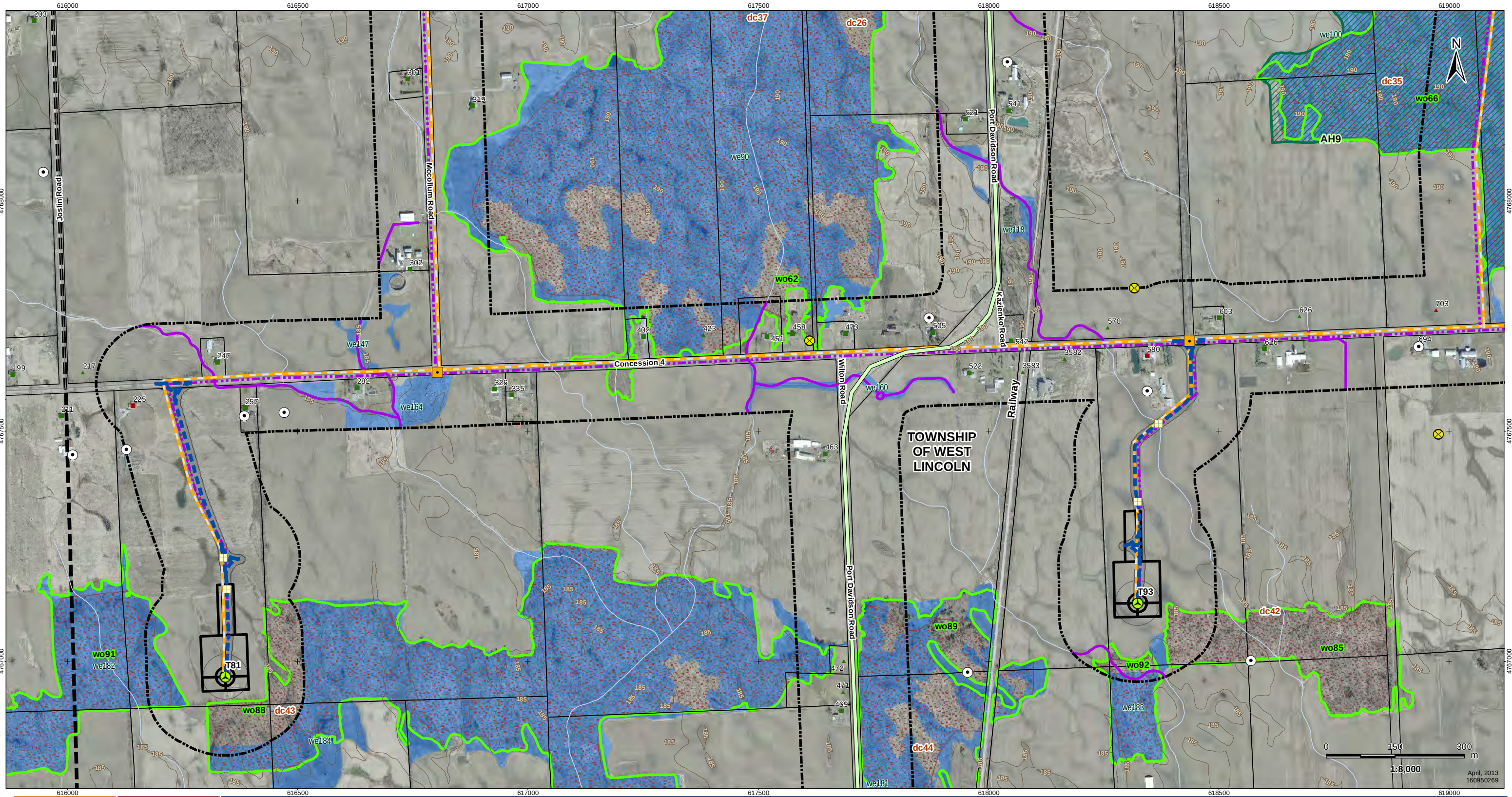
- Coordinate System: NAD 1983 UTM Zone 17N).
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Client/Project
Niagara Region Wind Corporation

Figure No.
2.10

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.10**



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)

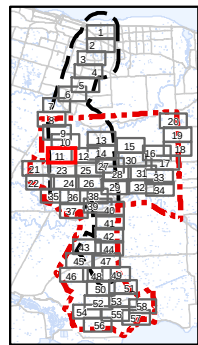
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

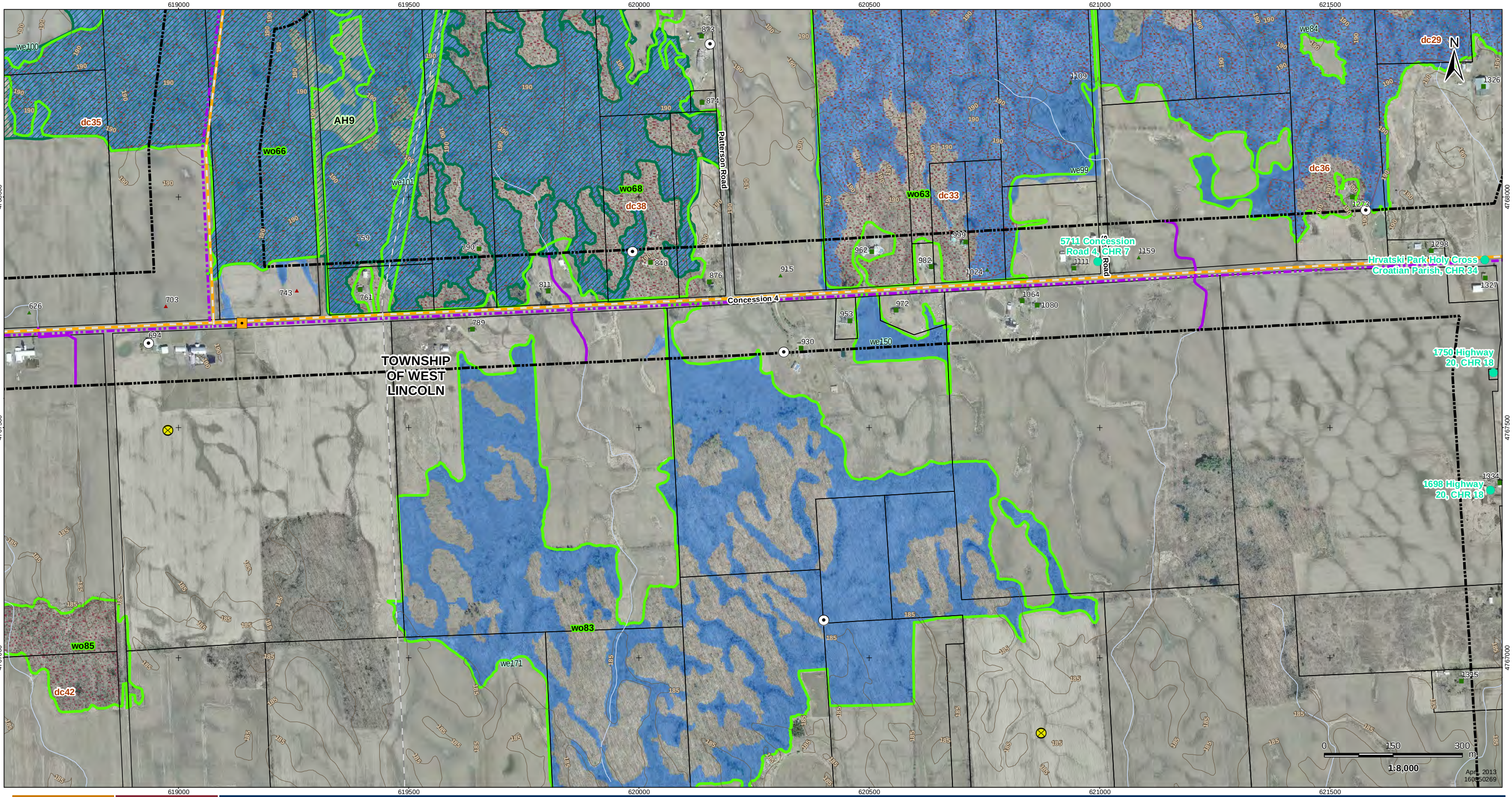
- Coordinate System: NAD 1983 UTM Zone 17N).
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- MOE Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2012.
- Noise receptors are identified within 1500m of any wind turbine.



Client/Project
Niagara Region Wind Corporation

Figure No.
2.11

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.11**



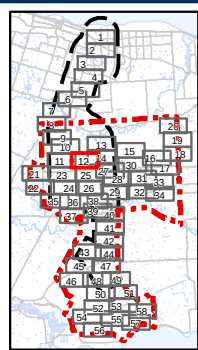
Legend

- 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 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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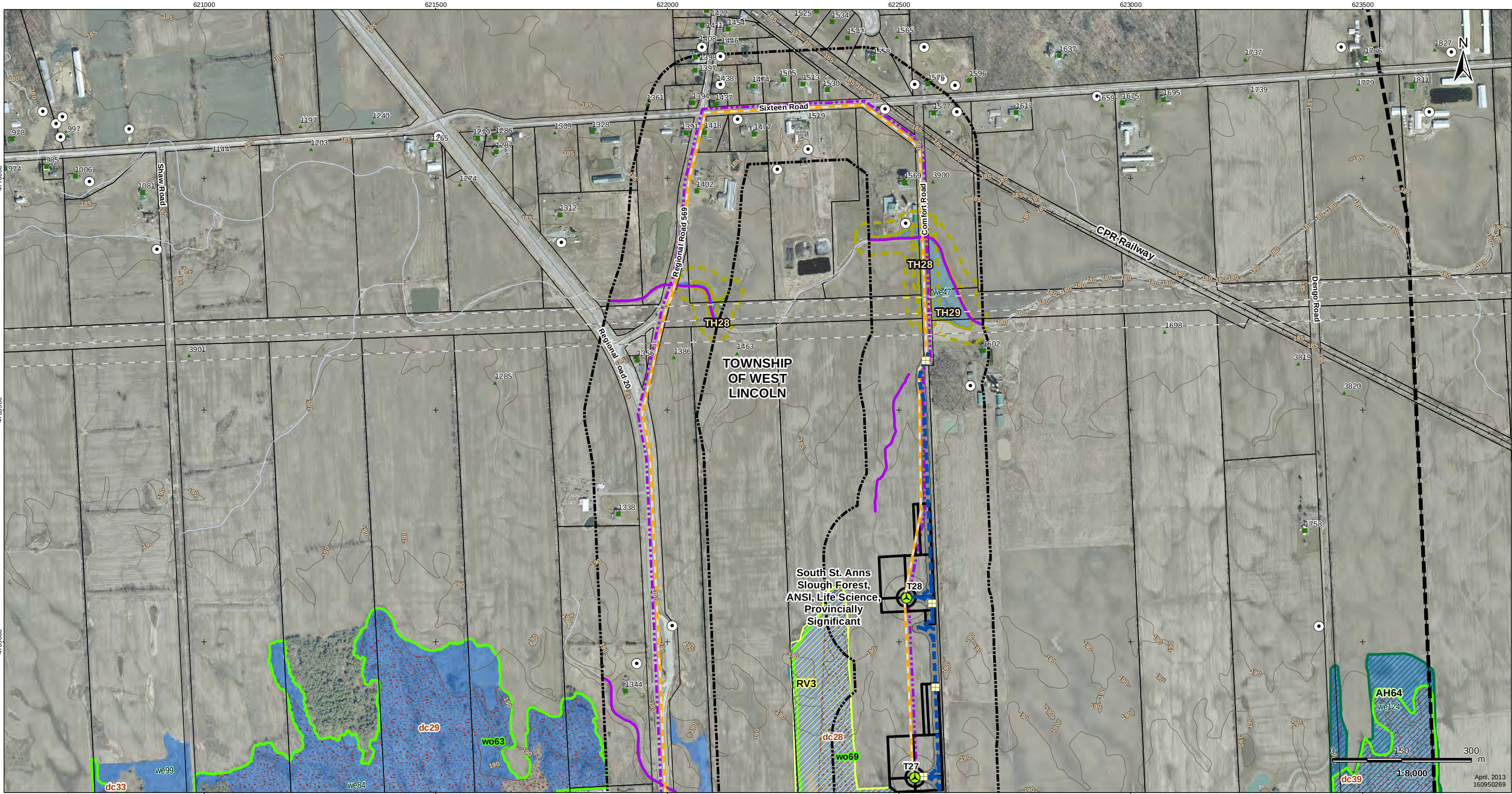


Client/Project
Niagara Region Wind Corporation

Figure No.
2.12

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.12

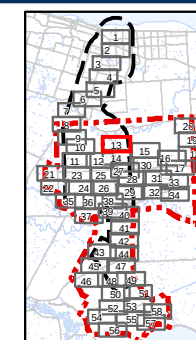
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Revised: 2013-04-02 By: bcowper



Legend

- | | | | |
|-----------------------------------|---|------------------------------------|---|
| Project Study Area | Temporary Laydown Area | Existing Transmission Line | Snake Hibernacula |
| Interconnector Study Area | Collector Lines – Underground or Overhead | Pipeline | Snake Hibernacula 30m Buffer |
| 120m Zone of Investigation | Fibre Optic Line | Topographic Contour (mAMSL) | Raptor Wintering Areas |
| Proposed Project Components | Potential Access Road | Watercourse (MNR) | Deer Congregation Areas (MNR) (Generalized) |
| Proposed Turbine Location | Access Road 20m Construction Area | Waterbody (Stantec) | Wetland Amphibian Breeding Habitat |
| Turbine Blade Length | Potential Construction Laydown Area | Property Boundary | Woodland Amphibian Breeding Habitat |
| Tap-in Location | Transformer Substation | Municipality Lower Tier | Other Rare Vegetation Community |
| Transformer Substation Location | Existing Features | Niagara Escarpment Plan Area (NEC) | Landbird Migratory Stopover |
| Junction Box | Road | Greenbelt Natural Heritage System | Turtle Nesting Habitat/ Snapping Turtle Habitat |
| Proposed Culvert | Expressway / Highway | Conservation Areas (NPCA) | Turtle Habitat 30m Buffer |
| Preferred Transmission Line Route | Unopened Road Allowance | Greenbelt Plan Area (MMAH) | Turtle Wintering Area |
| Alternate Transmission Line Route | Active Railway | | |
| | Abandoned Railway | | |

- Notes**
- Coordinate System: NAD 1983 UTM Zone 17N).
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 - Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 2010.
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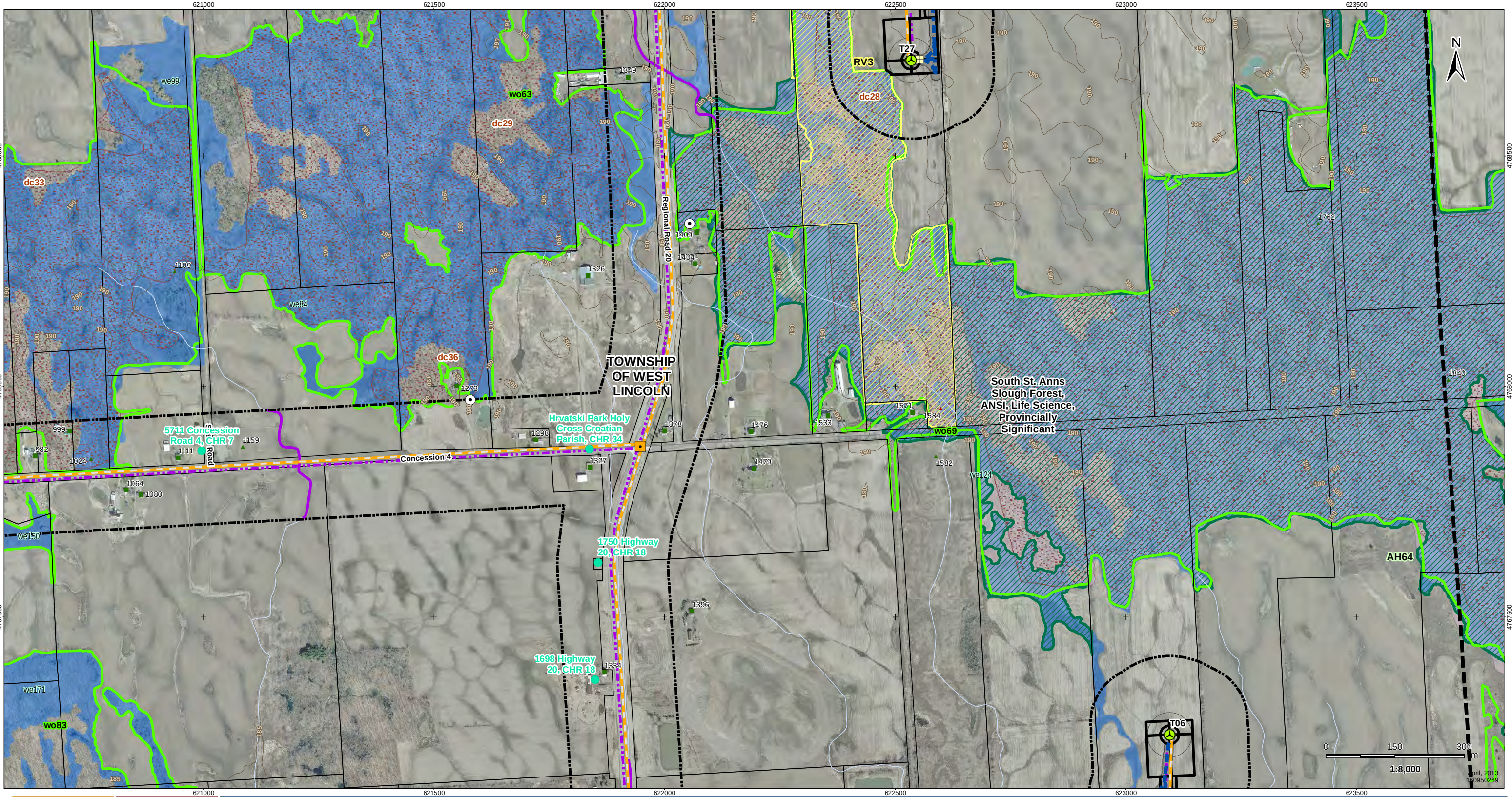


Client/Project
Niagara Region Wind Corporation

Figure No.
2.13

Title
Site Plan with Socio-Economic Features, Significant Natural Heritage Features and Water Bodies
Figure 2.13

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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

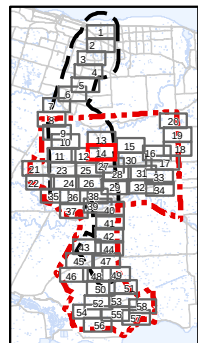
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features**
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway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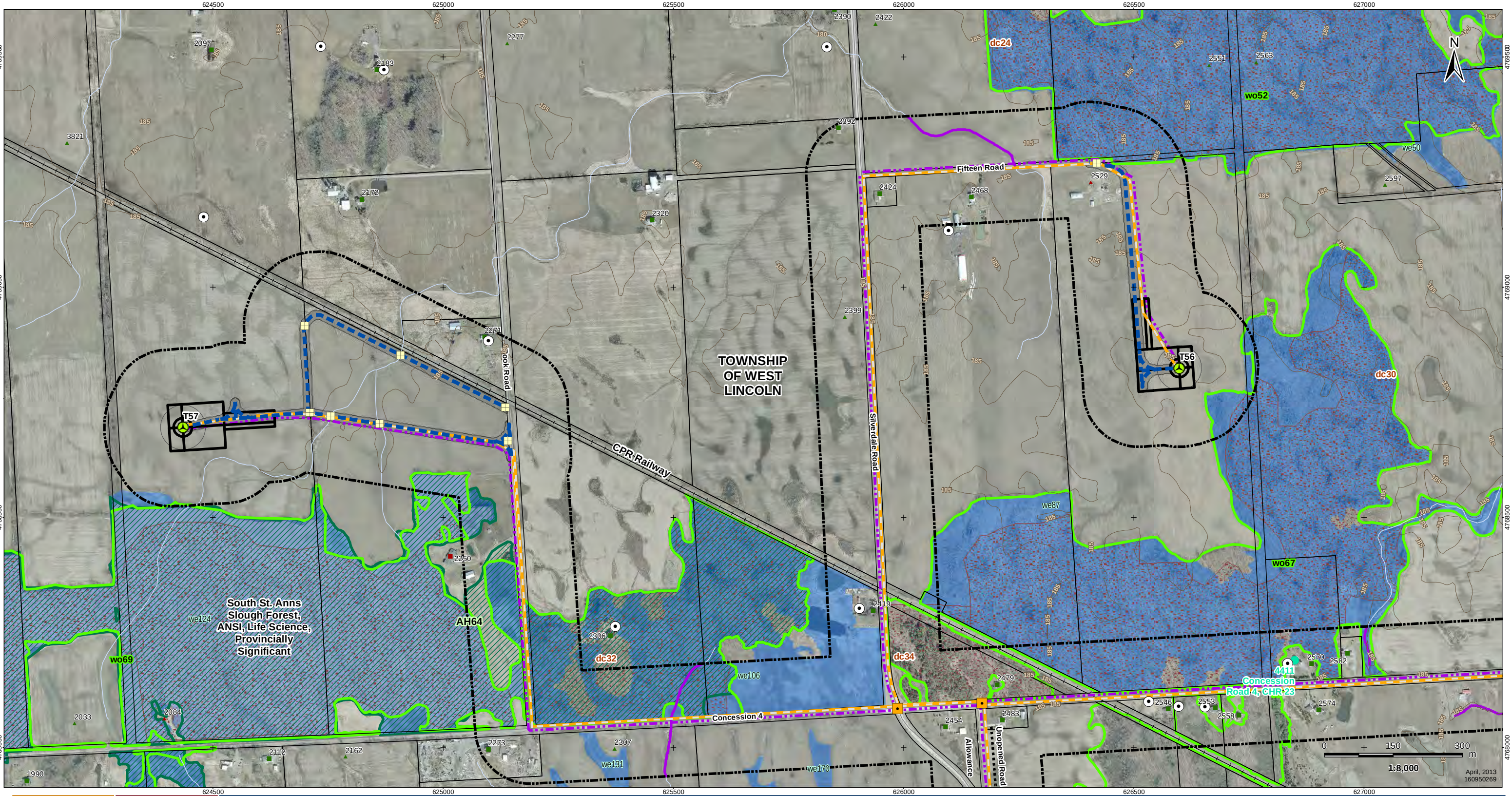


Client/Project
Niagara Region Wind Corporation

Figure No.
2.14

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.14**

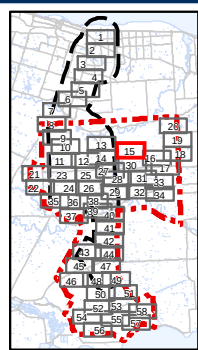
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Revised: 2013-04-02 By: bcomper



Legend

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

- Notes**
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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.

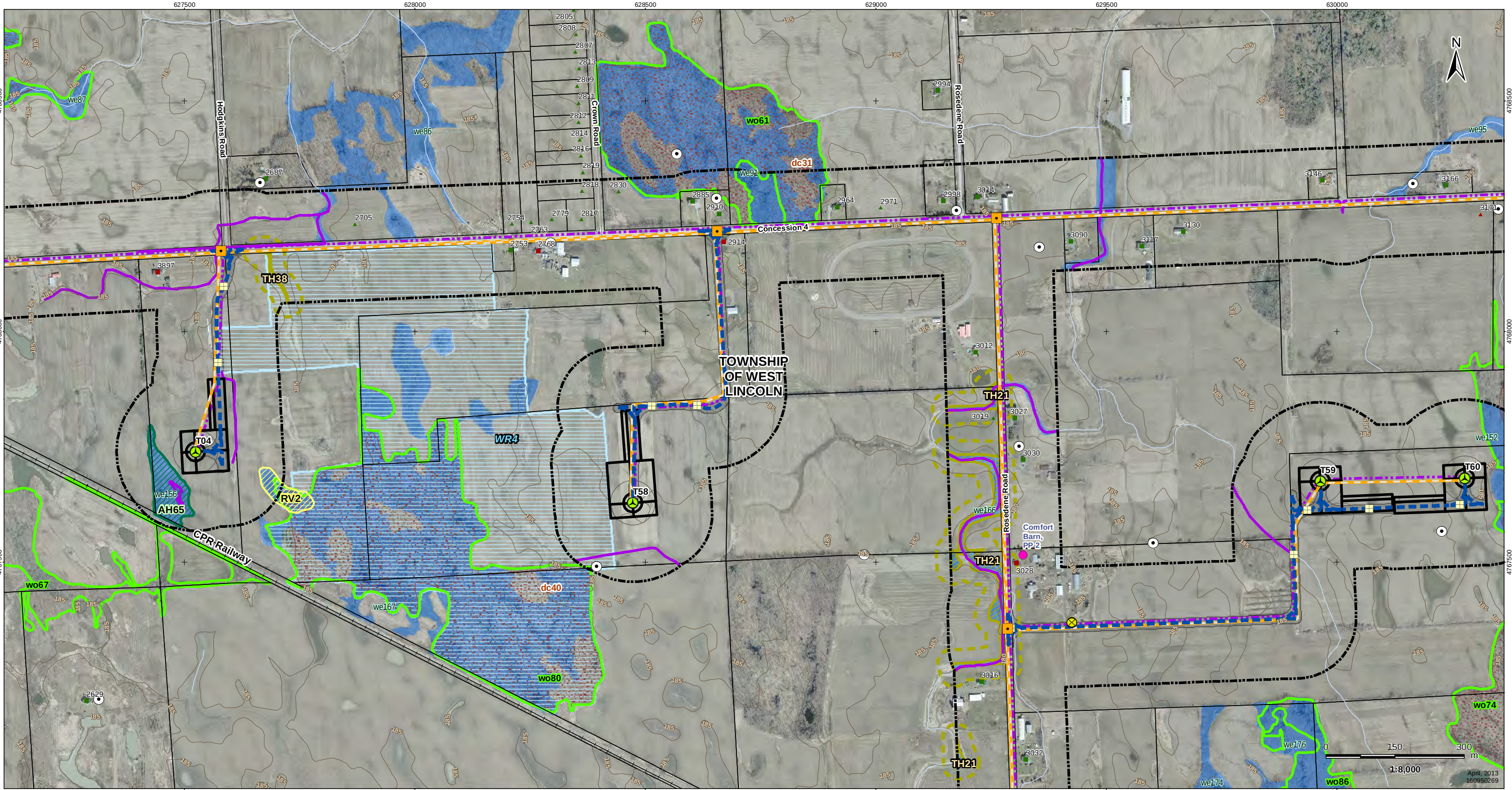


Client/Project
Niagara Region Wind Corporation

Figure No.
2.15

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.15**

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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

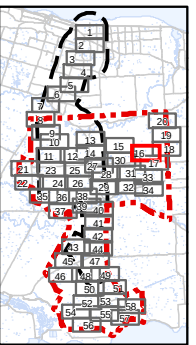
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway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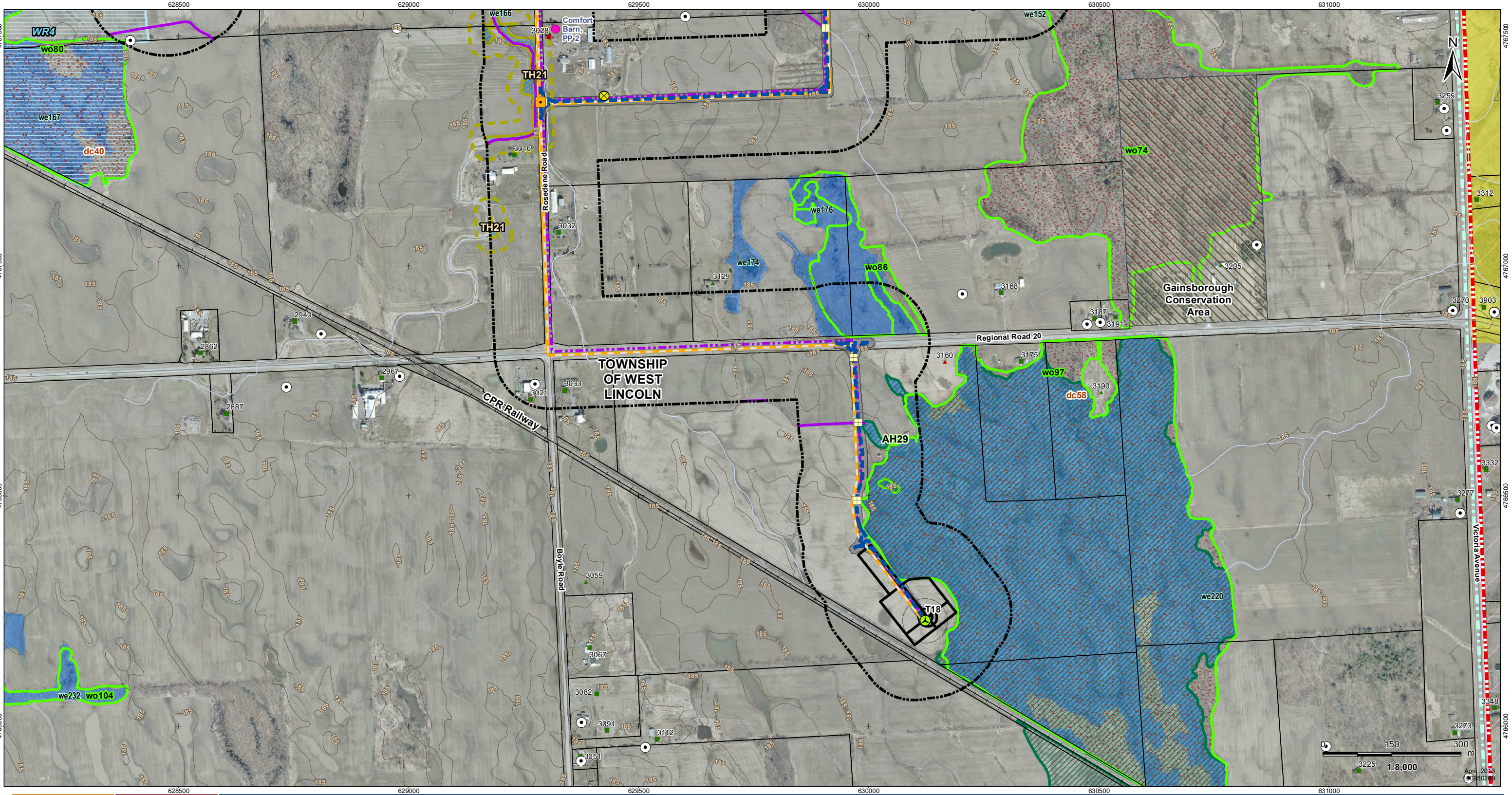


Client/Project
Niagara Region Wind Corporation

Figure No.
2.16

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.16

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Revised: 2013-04-18 By: bcooper



Stantec

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)
- Protected Property
- Cultural Heritage Resource

Protected Property Point

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

Non-participating Receptors ⁵

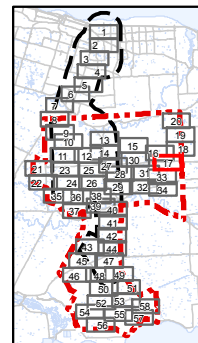
- Occupied
- Vacant

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

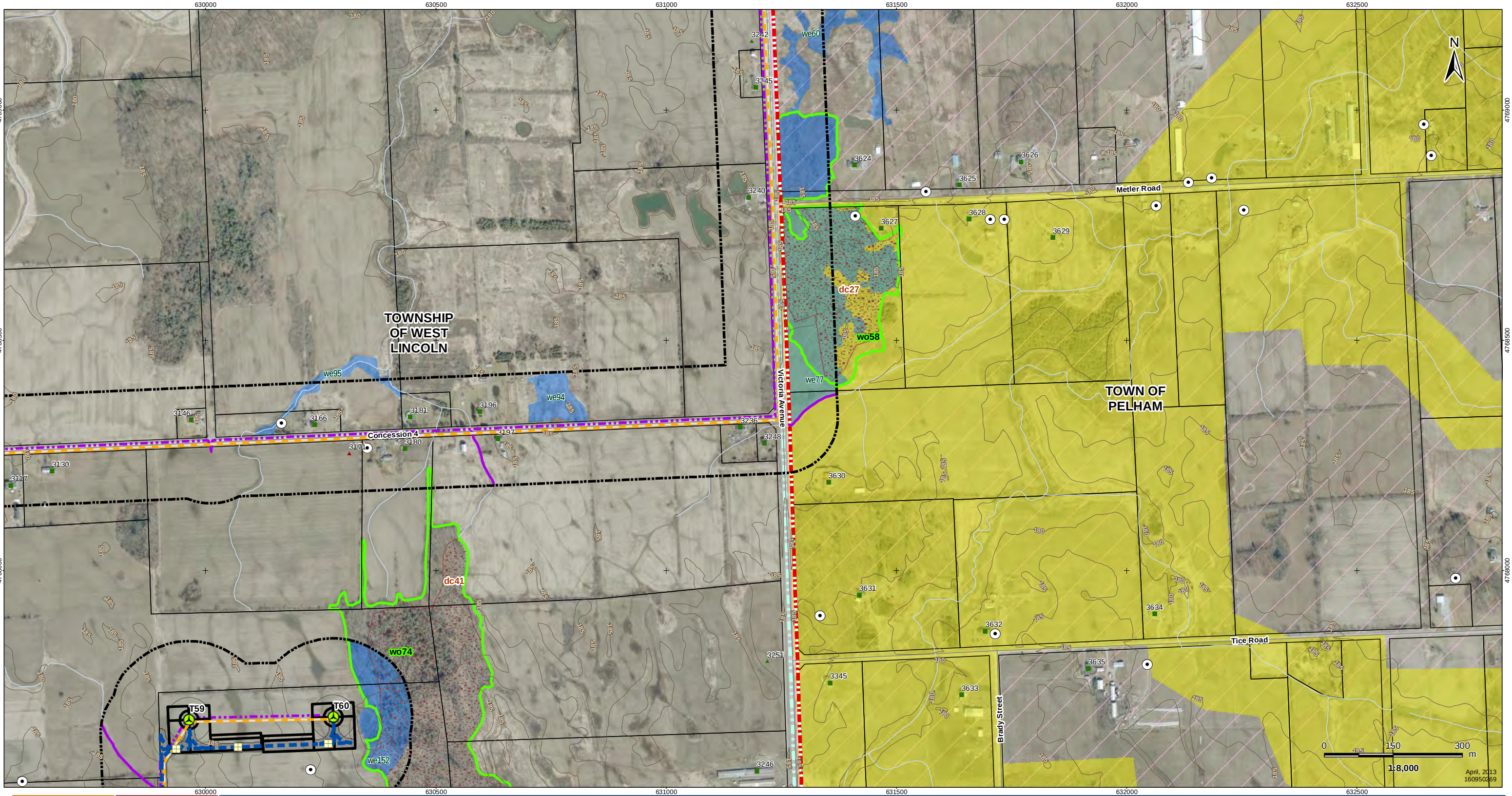


Client/Project
Niagara Region Wind Corporation

Figure No.
2.17

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.17

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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)

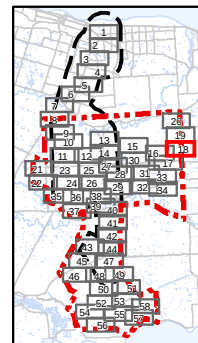
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

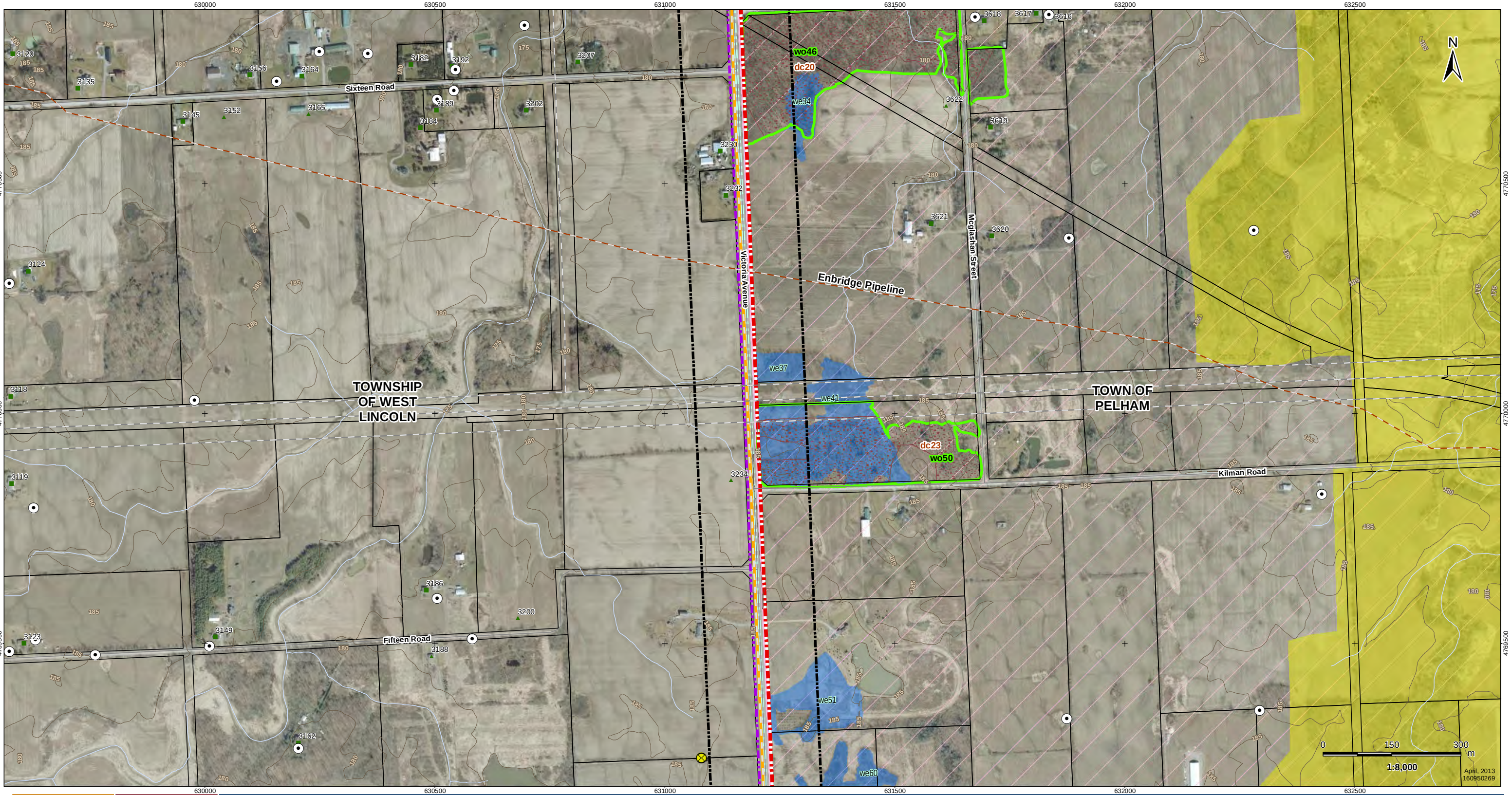


Client/Project
Niagara Region Wind Corporation

Figure No.
2.18

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.18**

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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)

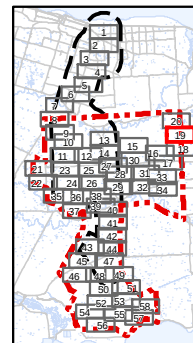
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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

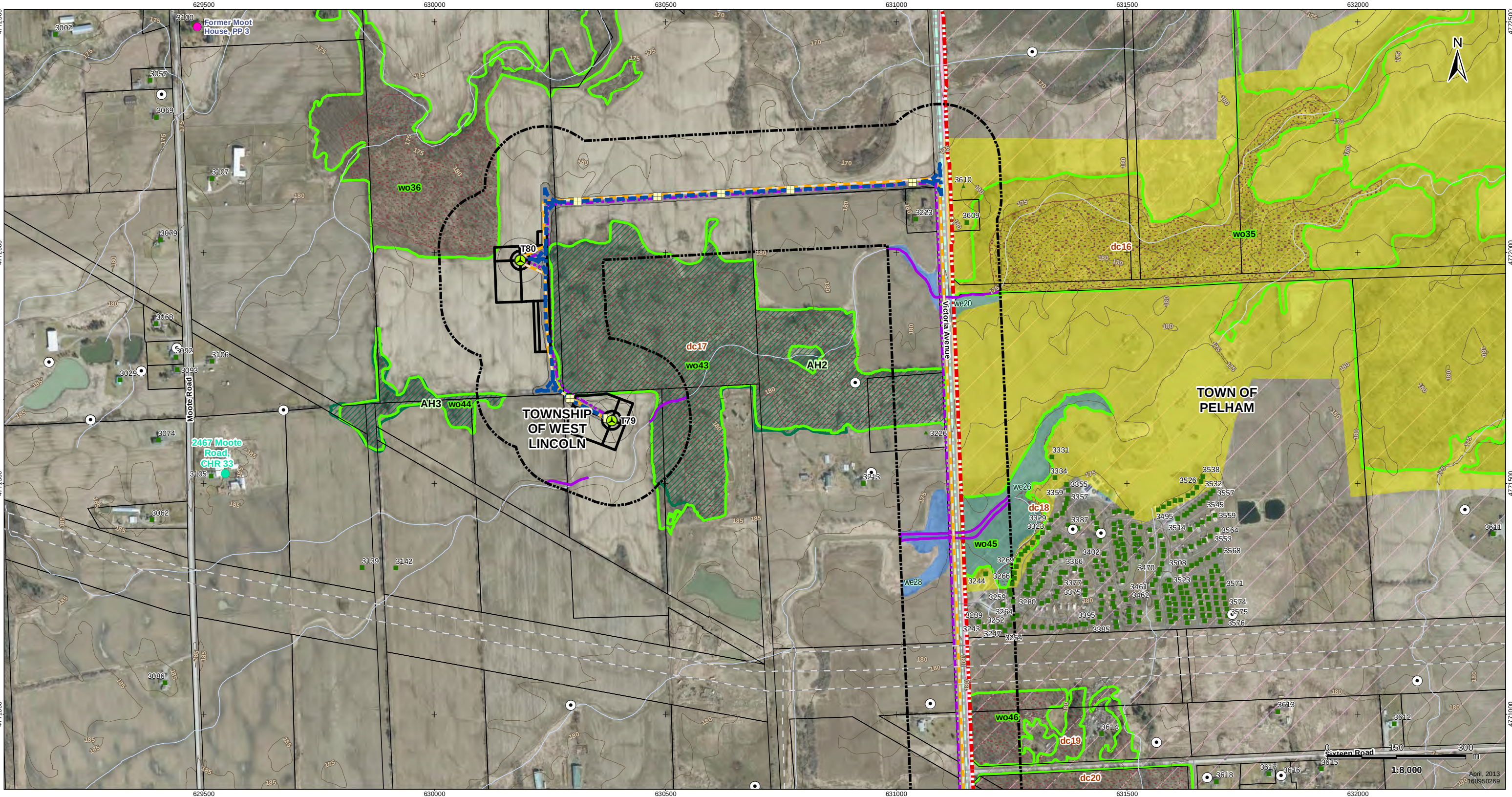


Client/Project
Niagara Region Wind Corporation

Figure No.
2.19

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.19**

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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)

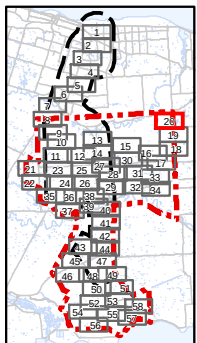
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

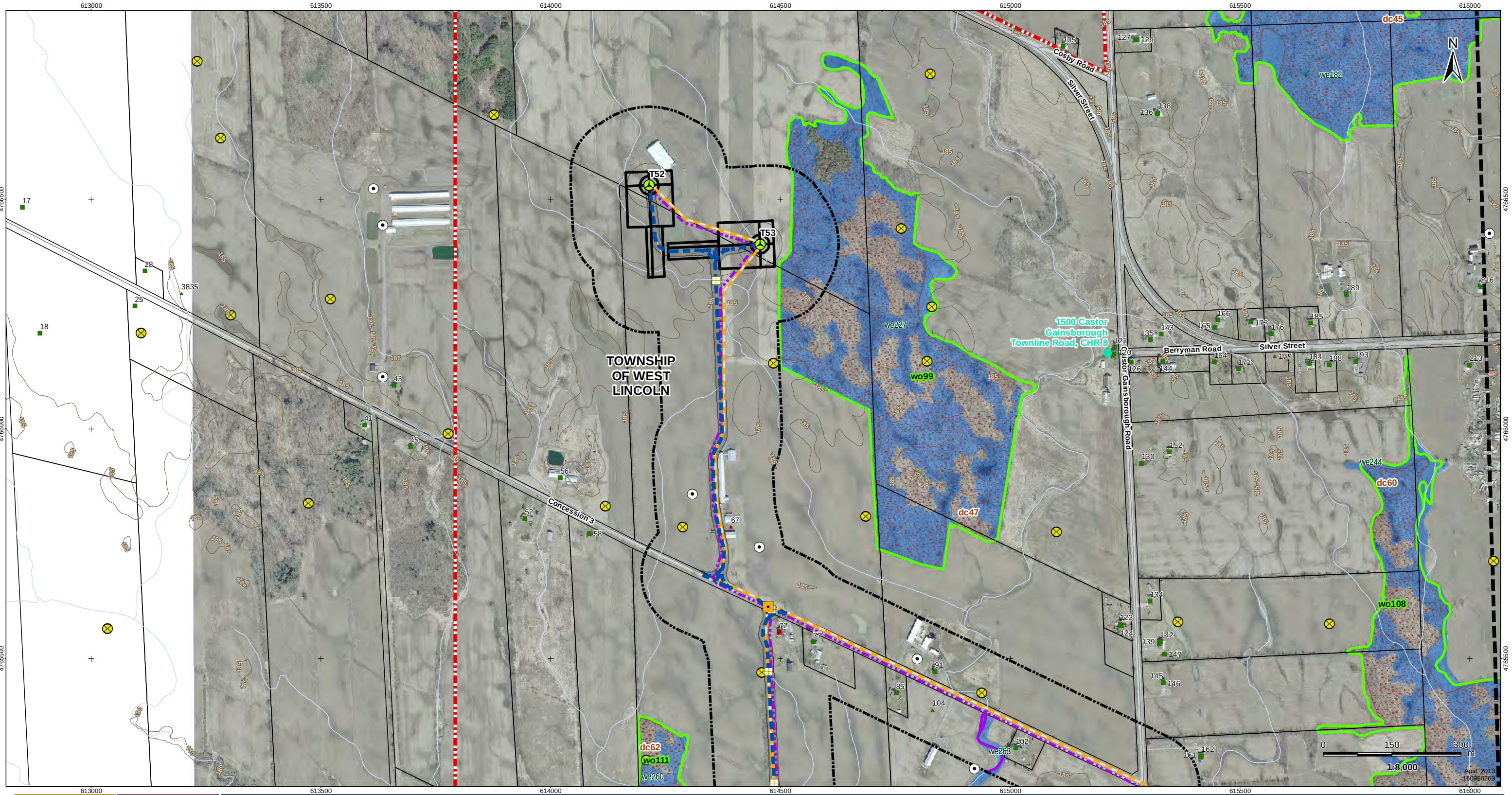
- Coordinate System: NAD 1983 UTM Zone 17N).
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
- Orthoimagery source: First Base Solutions, Date Spring 2010.
- Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library, 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.
2.20

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.20**



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)

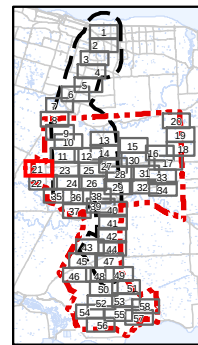
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

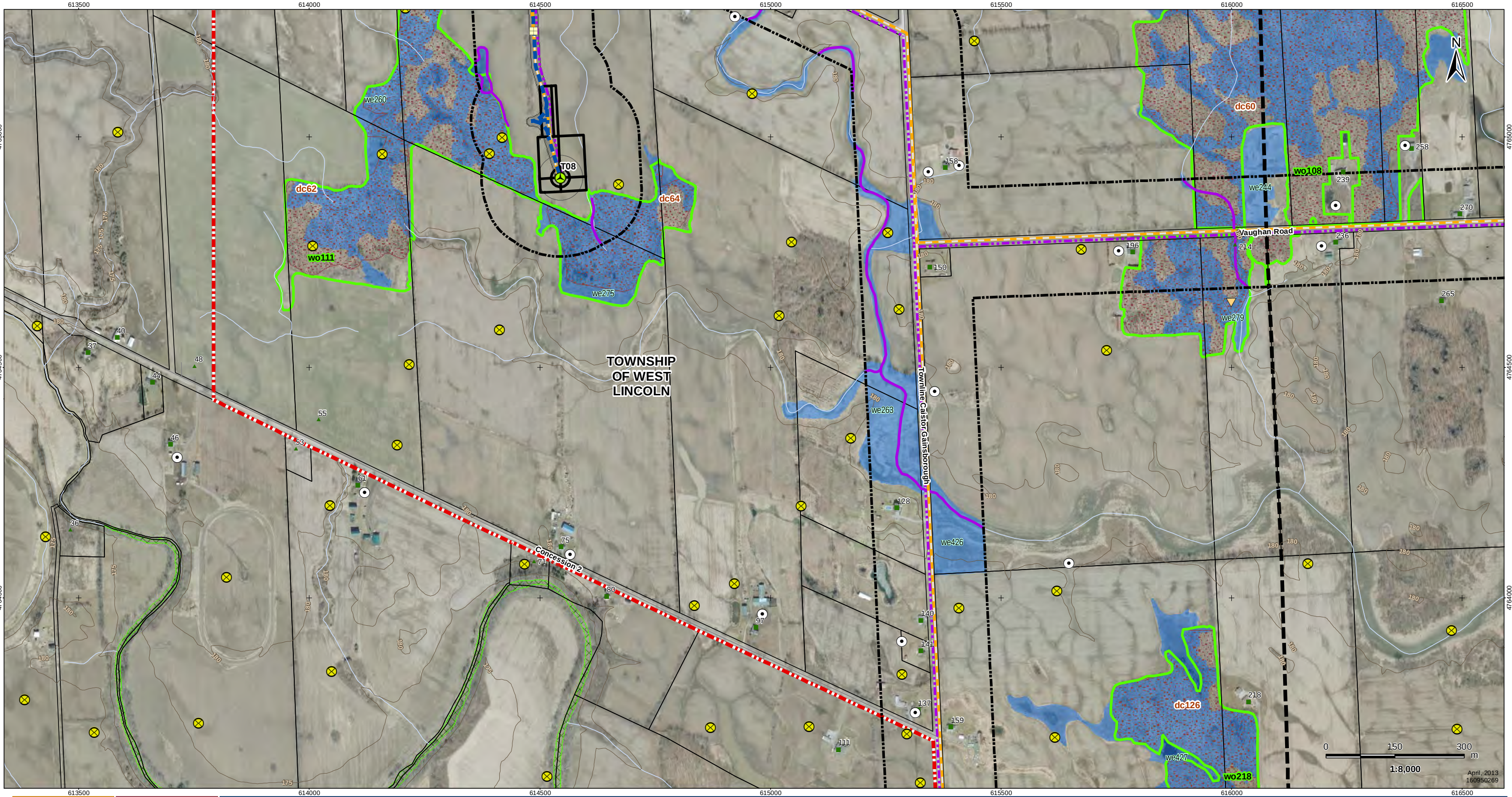


Client/Project
Niagara Region Wind Corporation

Figure No.
2.21

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.21**

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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)

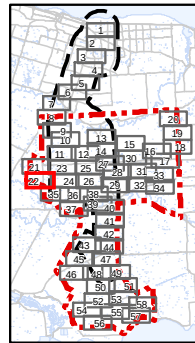
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle 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.
2.22

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.22**



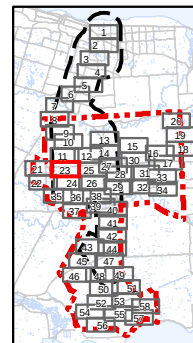
-  Temporary Laydown Area
 -  Collector Lines – Underground or Overhead
 -  Fibre Optic Line
 -  Potential Access Road
 -  Access Road 20m Construction Area
 -  Potential Construction Laydown Area
 -  Transformer Substation
- Existing Features
-  Road
 -  Expressway / Highway
 -  Unopened Road Allowance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

- 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, Province
 -  ANSI, Life Science, Province
- Cultural Heritage Features**
-  Protected Property
 -  Cultural Heritage Resource
- Landfills**
-  Landfill - Active (MOE)
 -  Landfill - Closed (MOE)
- Petroleum Wells**
-  Petroleum Well (OGSR) ⁴
- Water Wells**
-  Water Well (MOE) ⁵

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

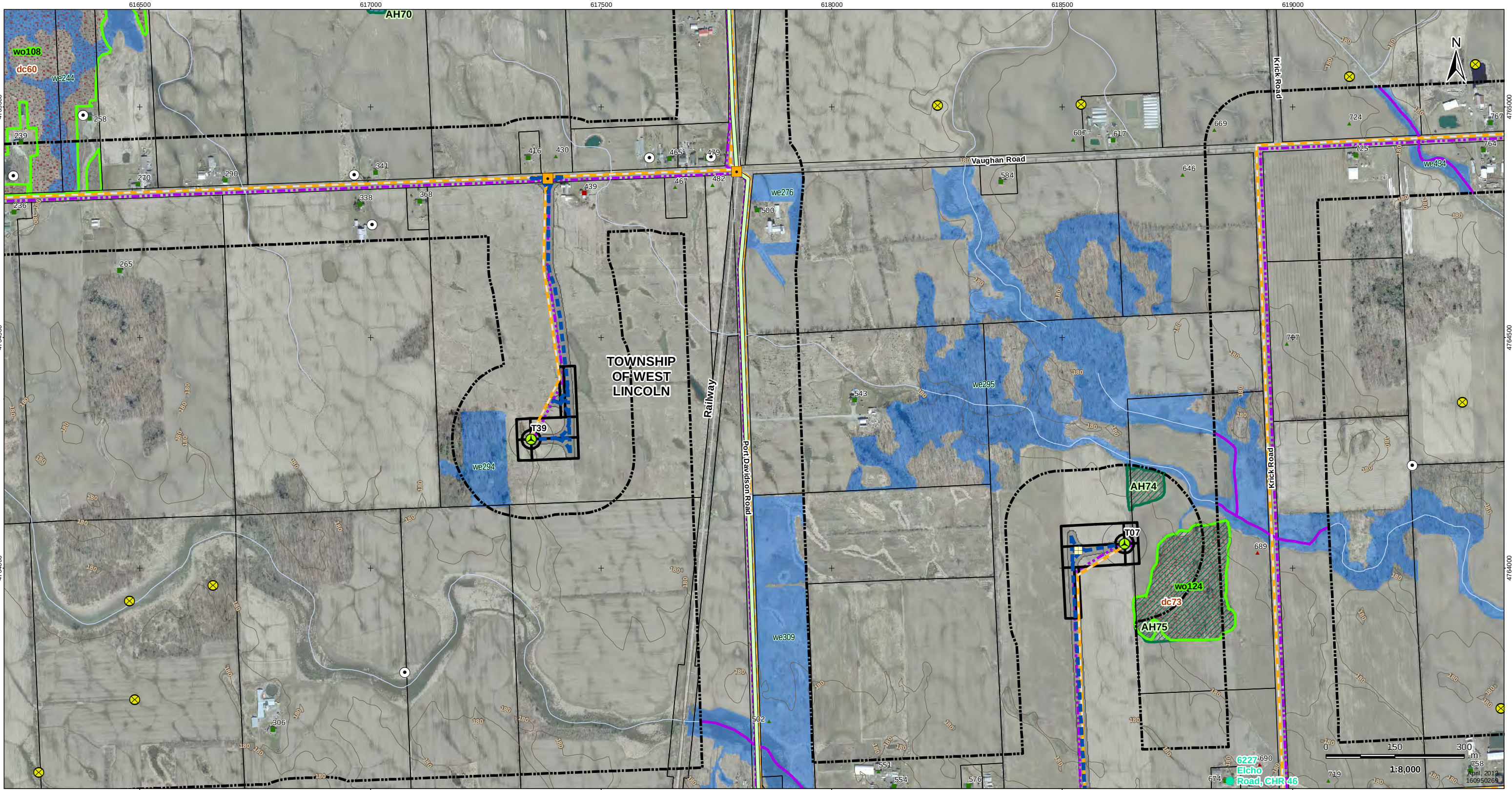
1. Coordinate System: NAD 1983 UTM Zone 17N).
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2011.
3. Orthomagery source: First Base Solutions, Date Spring 2010.
4. Petroleum Well source: © Ontario Oil, Gas and Salt Resource Library,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



Title

**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.23**

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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 (mAMSLL)
- 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)

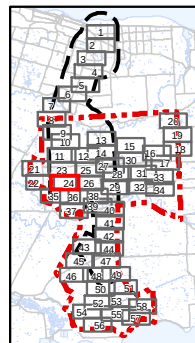
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
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

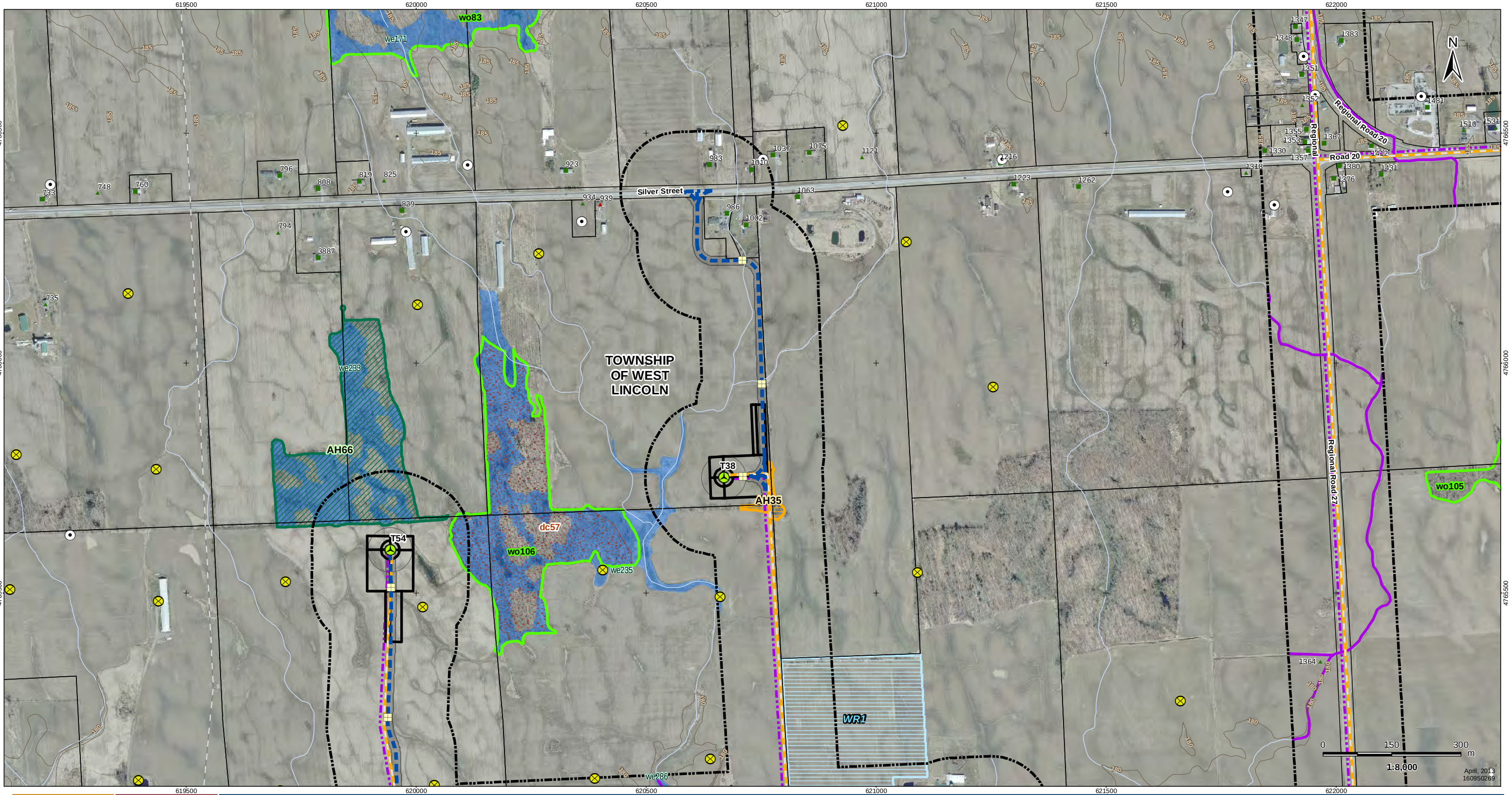


Client/Project
Niagara Region Wind Corporation

Figure No.
2.24

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.24

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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)

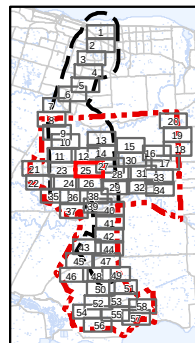
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

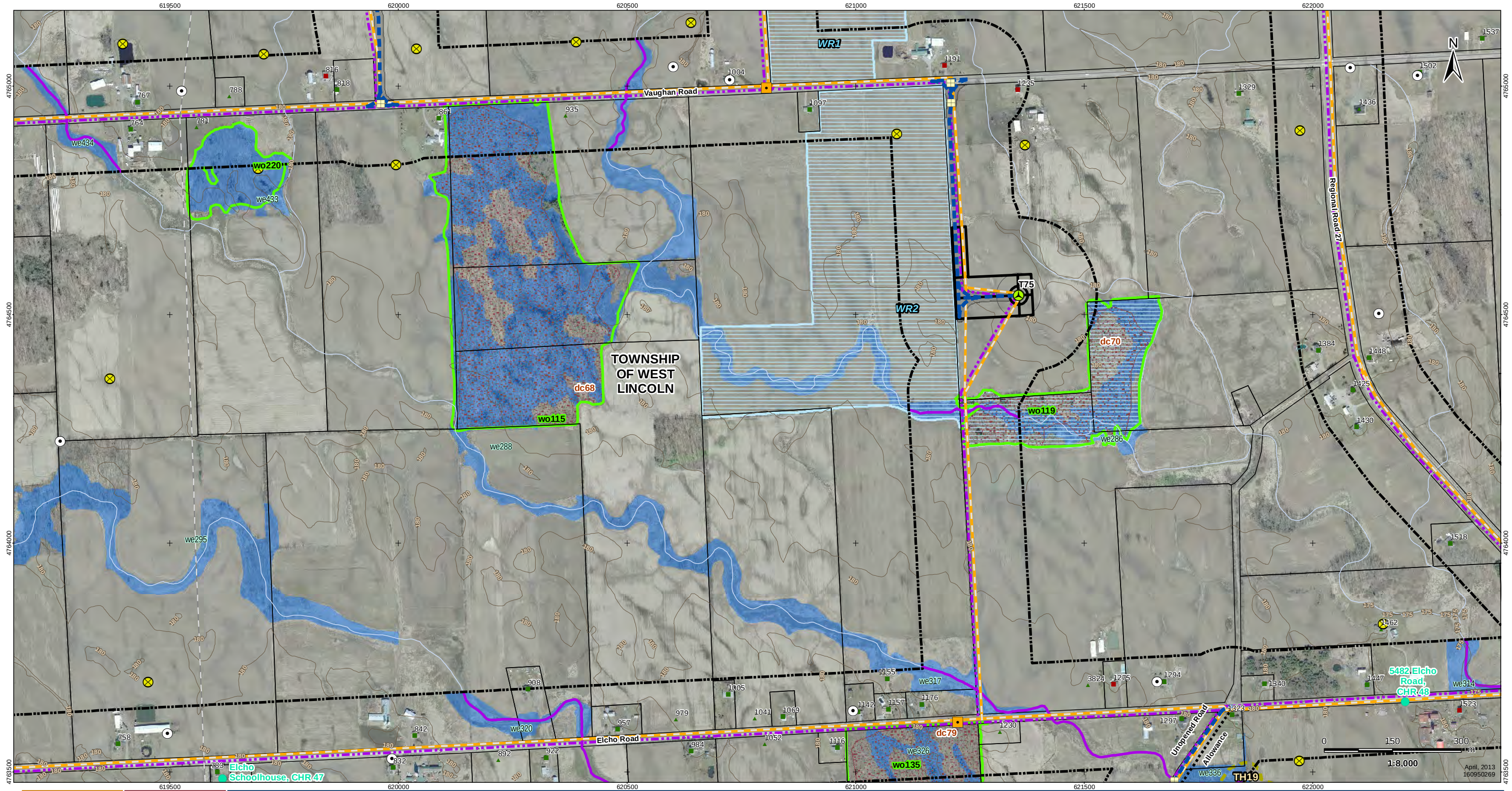


Client/Project
Niagara Region Wind Corporation

Figure No.
2.25

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.25**

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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

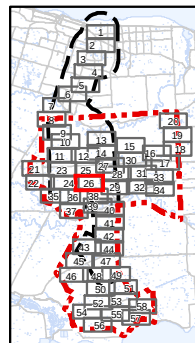
- Temporary Laydown Area
- Collector Lines – Underground or Overhead
- Fibre Optic Line
- Potential Access Road
- Access Road 20m Construction Area
- Potential Construction Laydown Area
- Transformer Substation
- Existing Features
- Road
- Expressway / Highway
- Unopened Road Allowance
- Active Railway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

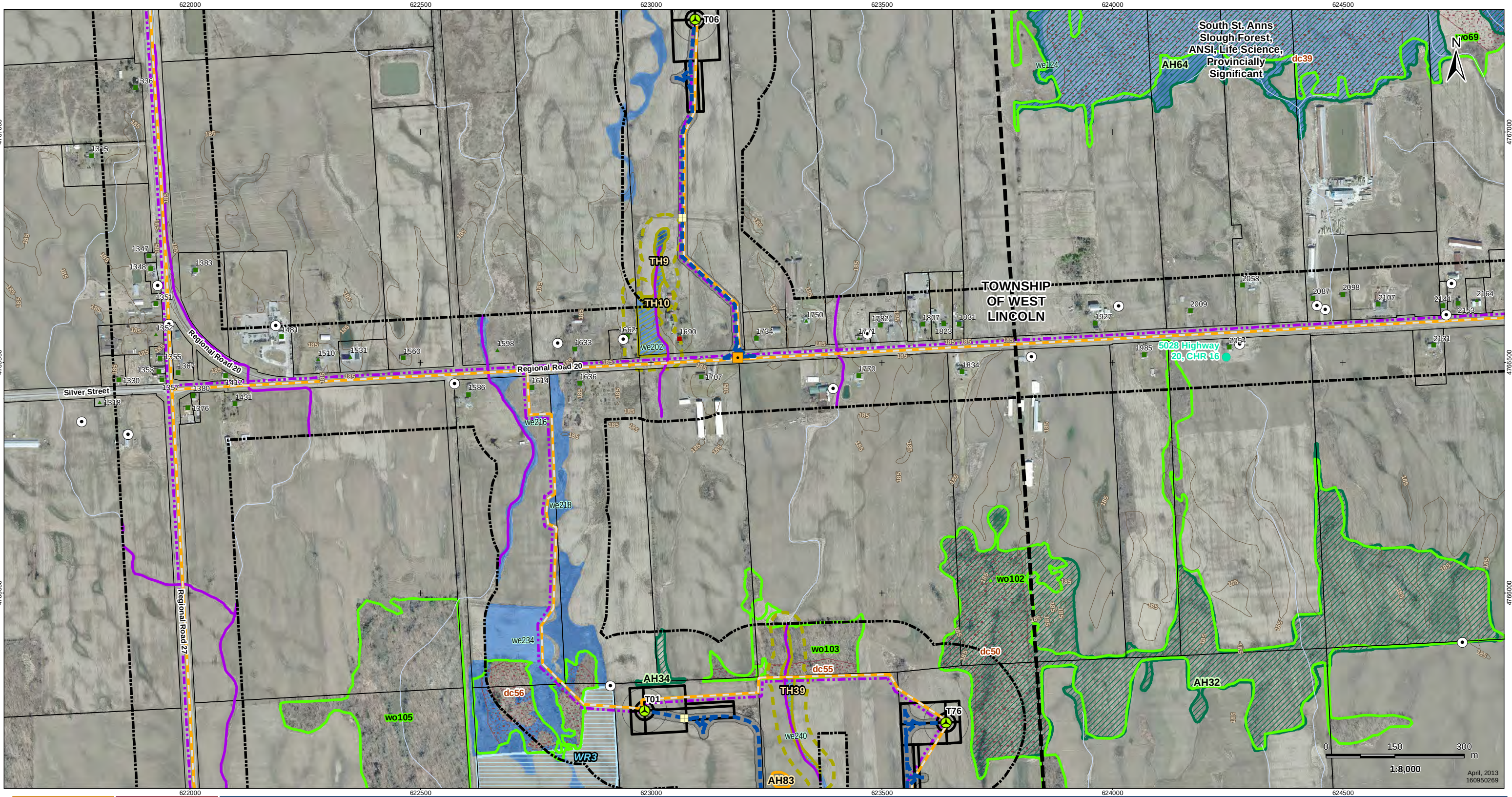


Client/Project
Niagara Region Wind Corporation

Figure No.
2.26

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.26

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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)

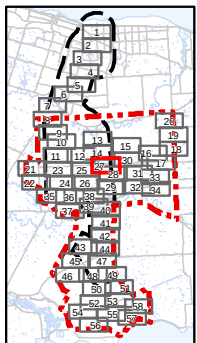
- Significant Wildlife Habitat
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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

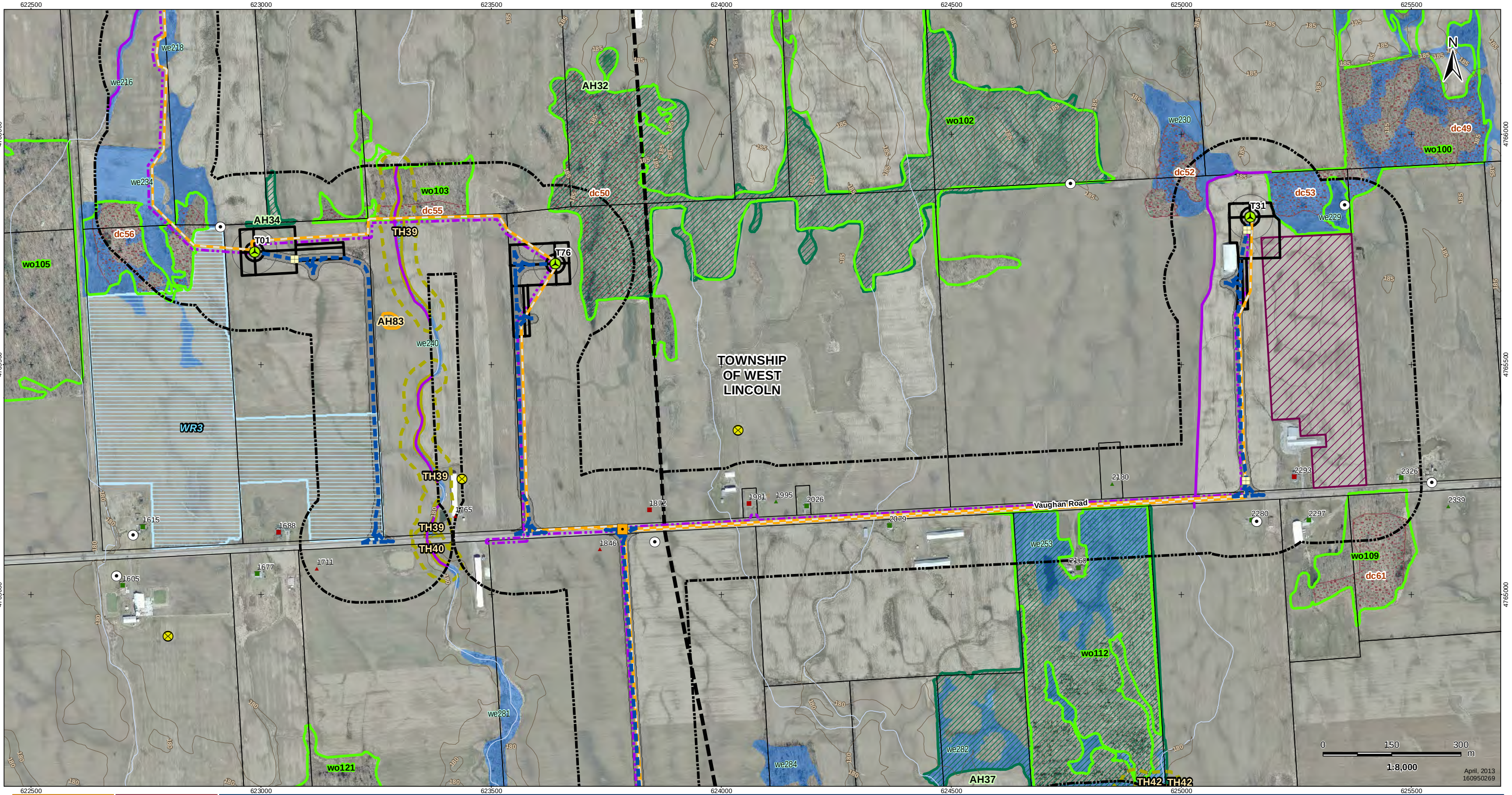


Client/Project
Niagara Region Wind Corporation

Figure No.
2.27

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies**
Figure 2.27

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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)

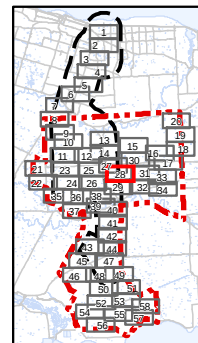
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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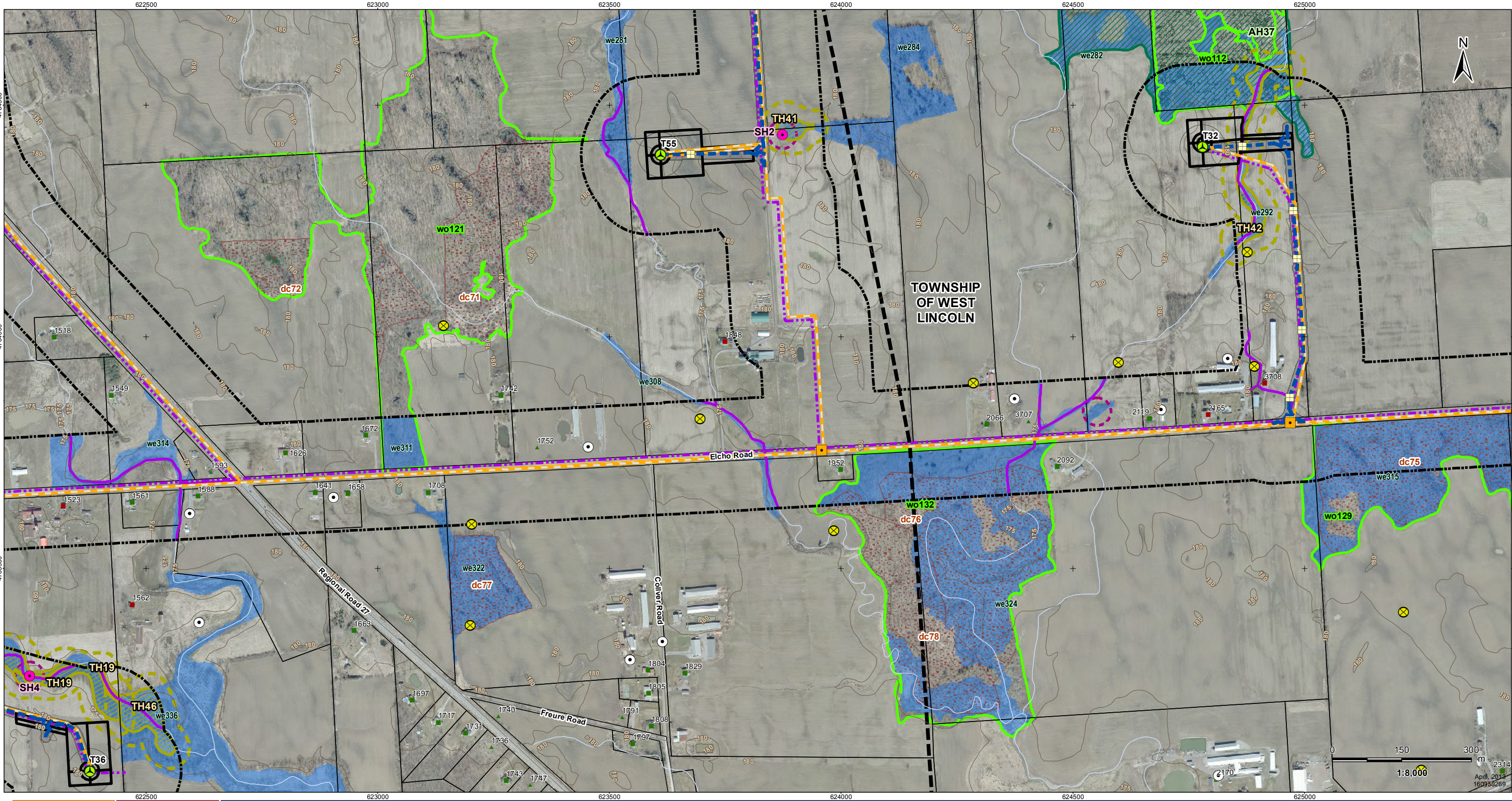


Client/Project
Niagara Region Wind Corporation

Figure No.
2.28

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.28**

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Revised: 2013-04-18 By: bcooper



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 (mAMSLL)
- 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)

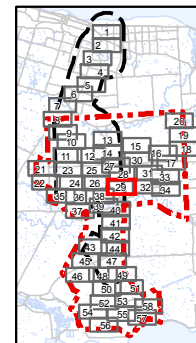
- Significant Wildlife Habitat**
- Snake Hibernacula
- Snake Hibernacula 30m Buffer
- Raptor Wintering Areas
- Deer Congregation Areas (MNR) (Generalized)
- Wetland Amphibian Breeding Habitat
- Woodland Amphibian Breeding Habitat
- Other Rare Vegetation Community
- Landbird Migratory Stopover
- Turtle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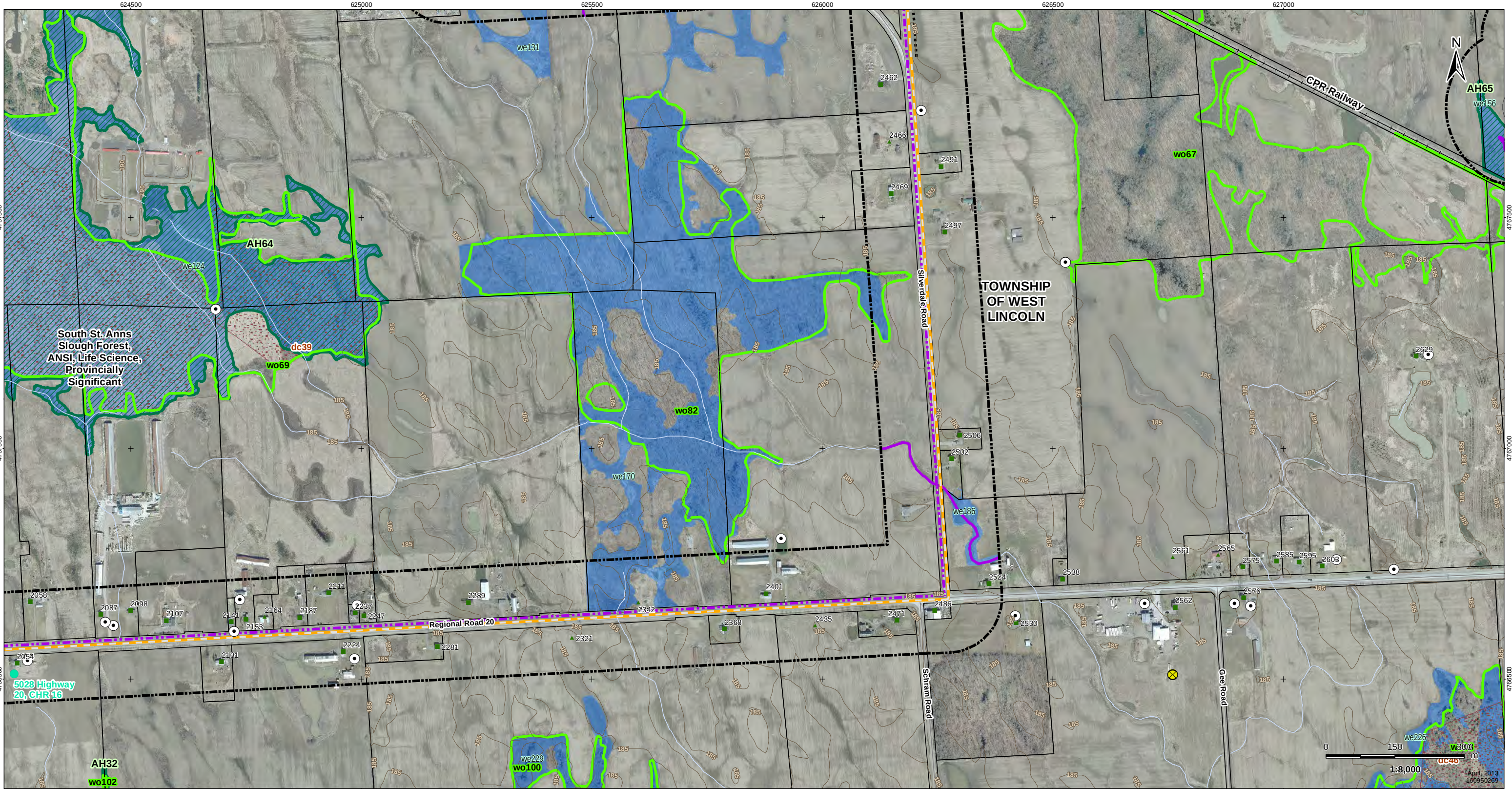


Client/Project
Niagara Region Wind Corporation

Figure No.
2.29

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.29**

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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
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 - Alternate Transmission Line Route

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- 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)

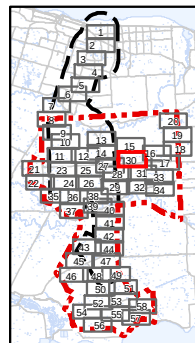
- Significant Wildlife Habitat
 - Snake Hibernacula
 - Snake Hibernacula 30m Buffer
 - Raptor Wintering Areas
 - Deer Congregation Areas (MNR) (Generalized)
 - Wetland Amphibian Breeding Habitat
 - Woodland Amphibian Breeding Habitat
 - Other Rare Vegetation Community
 - Landbird Migratory Stopover
 - 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.
2.30

Title
**Site Plan with
Socio-Economic Features,
Significant Natural Heritage
Features and Water Bodies
Figure 2.30**