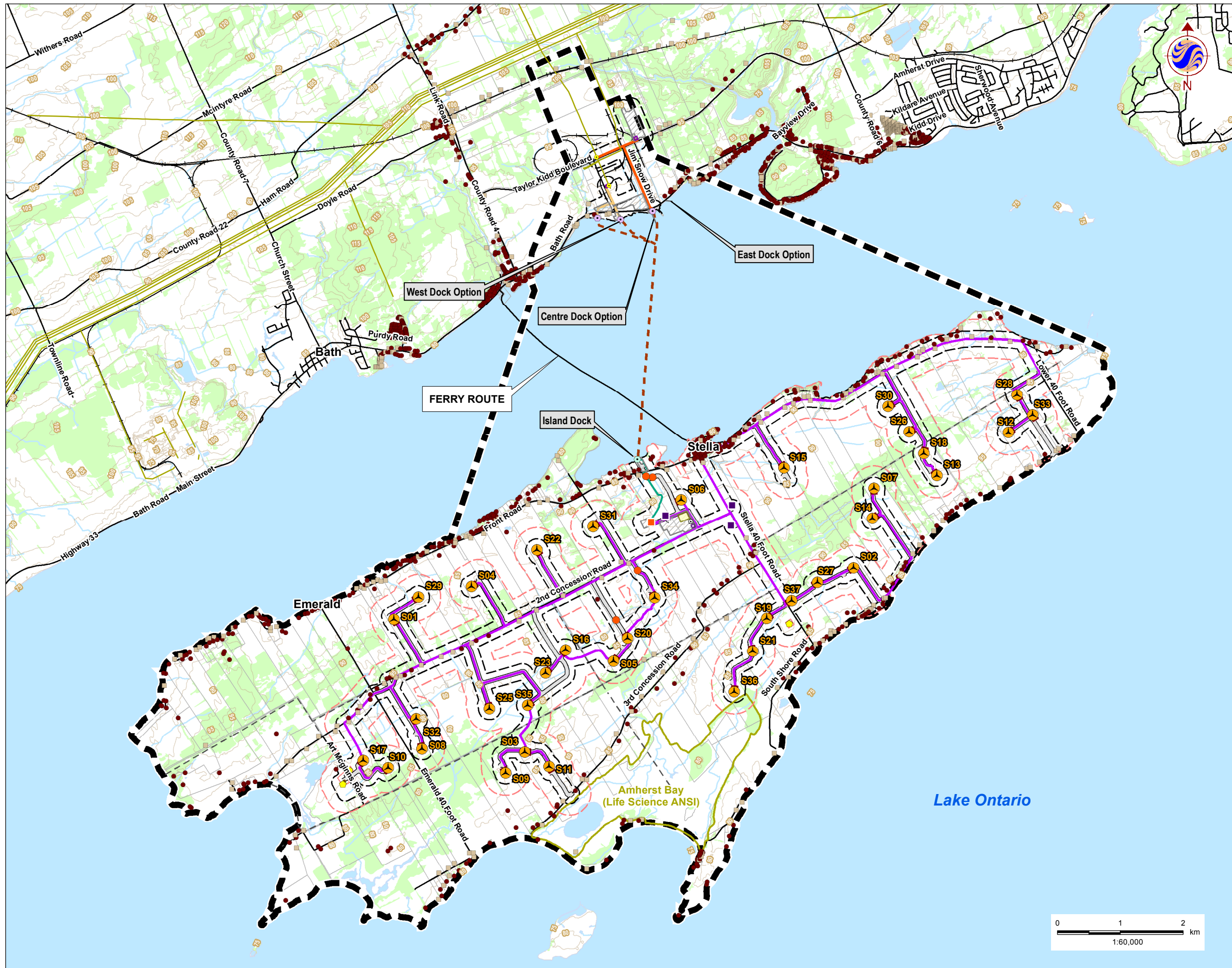


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**AMHERST ISLAND WIND ENERGY PROJECT  
DESIGN AND OPERATIONS REPORT**

# **Appendix A**

## **Site Plans**



**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road Allowance
- Railway
- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

**Notes**

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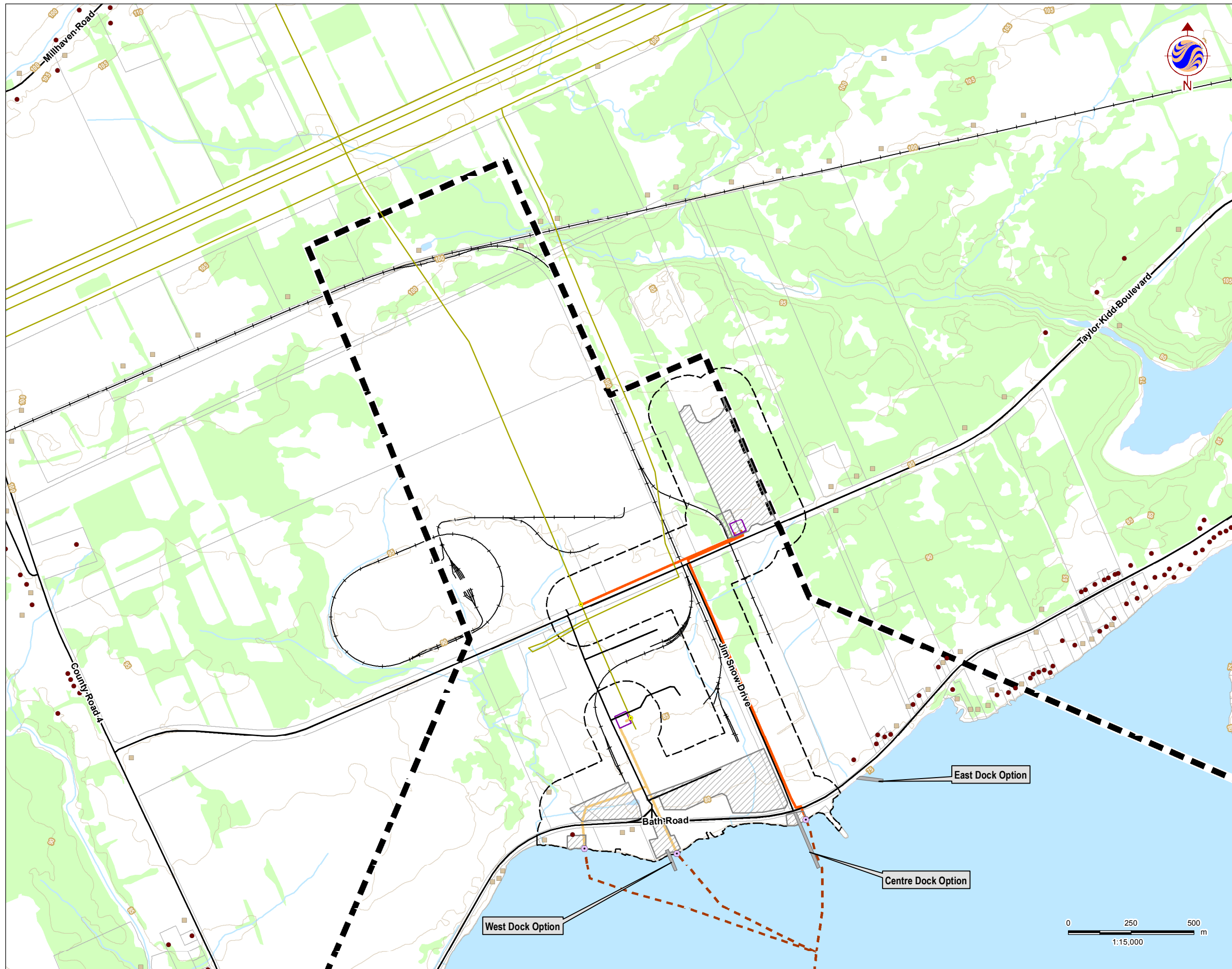
Figure No.

1

Title

**Project Location & Study Area**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
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- Road
- Unopened Road Allowance
- Railway
- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

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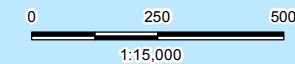
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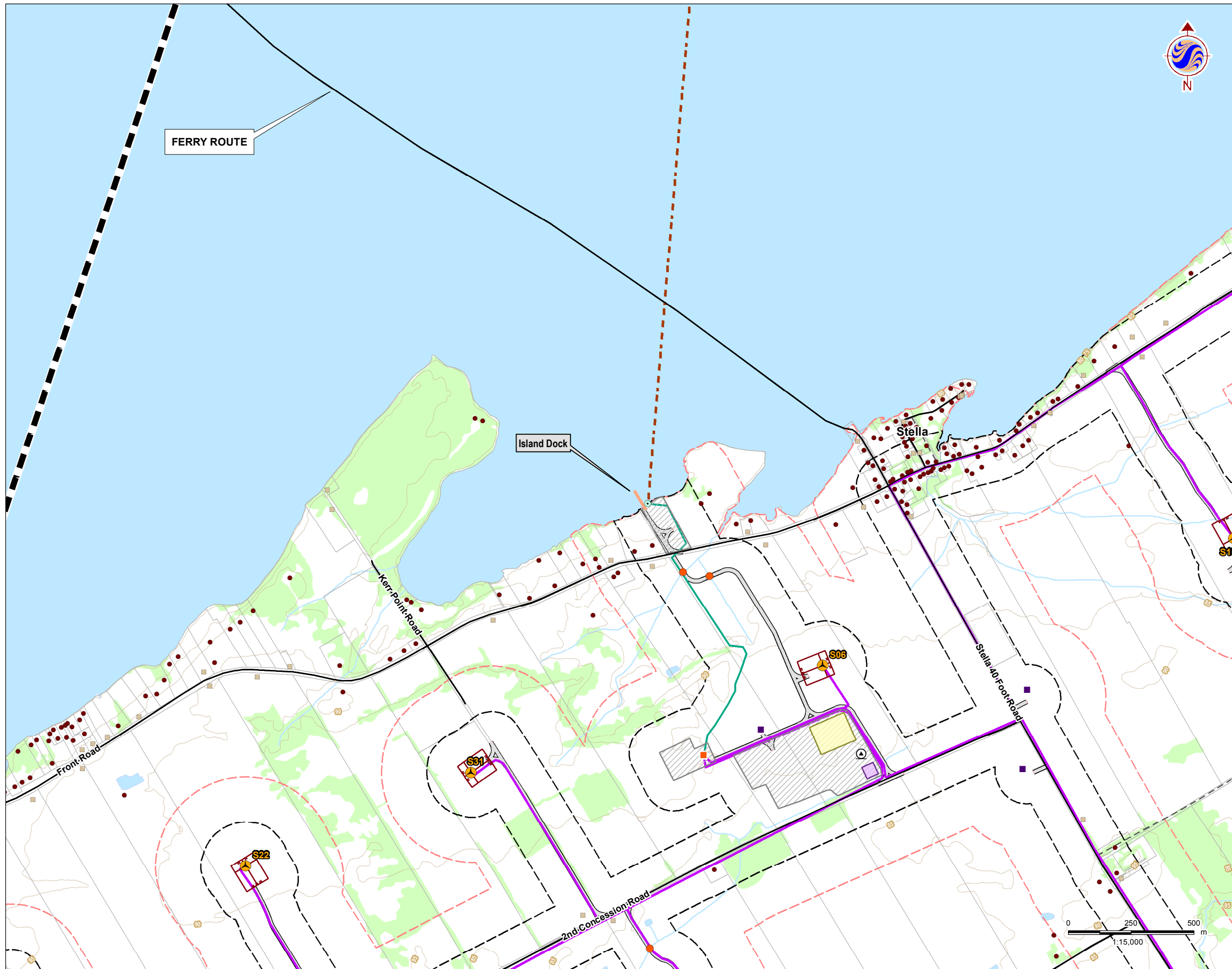
Figure No.

1.1

Title

**Project Location & Study Area**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
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- Island Transmission Line
- Land Use**
- Central Staging Area
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- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road Allowance
- Railway
- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

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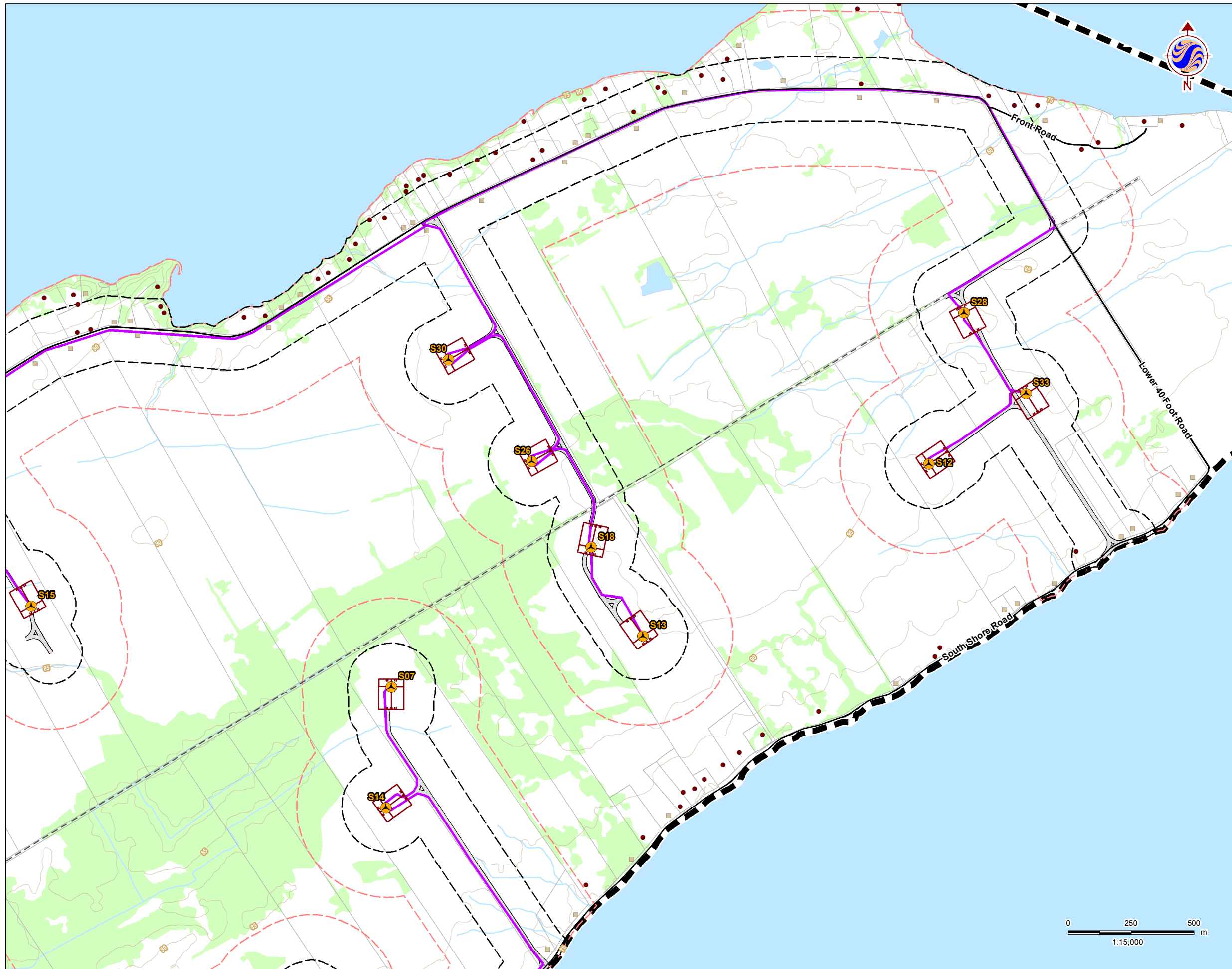
Figure No.

1.2

Title

**Project Location & Study Area**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road Allowance
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- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

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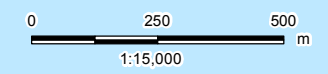
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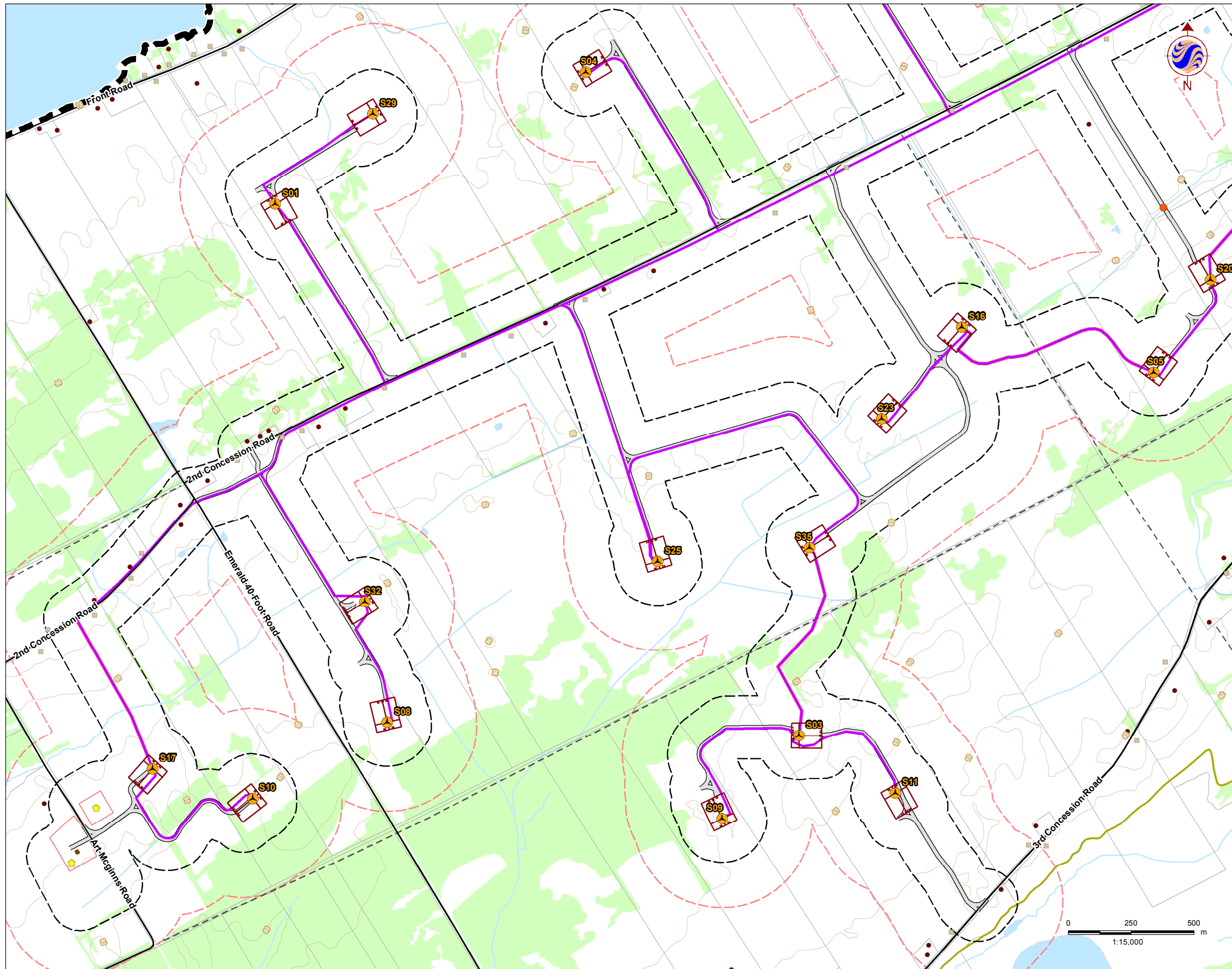
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Figure No.  
**1.3**

Title  
**Project Location & Study Area**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road Allowance
- Railway
- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

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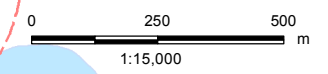
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Figure No.

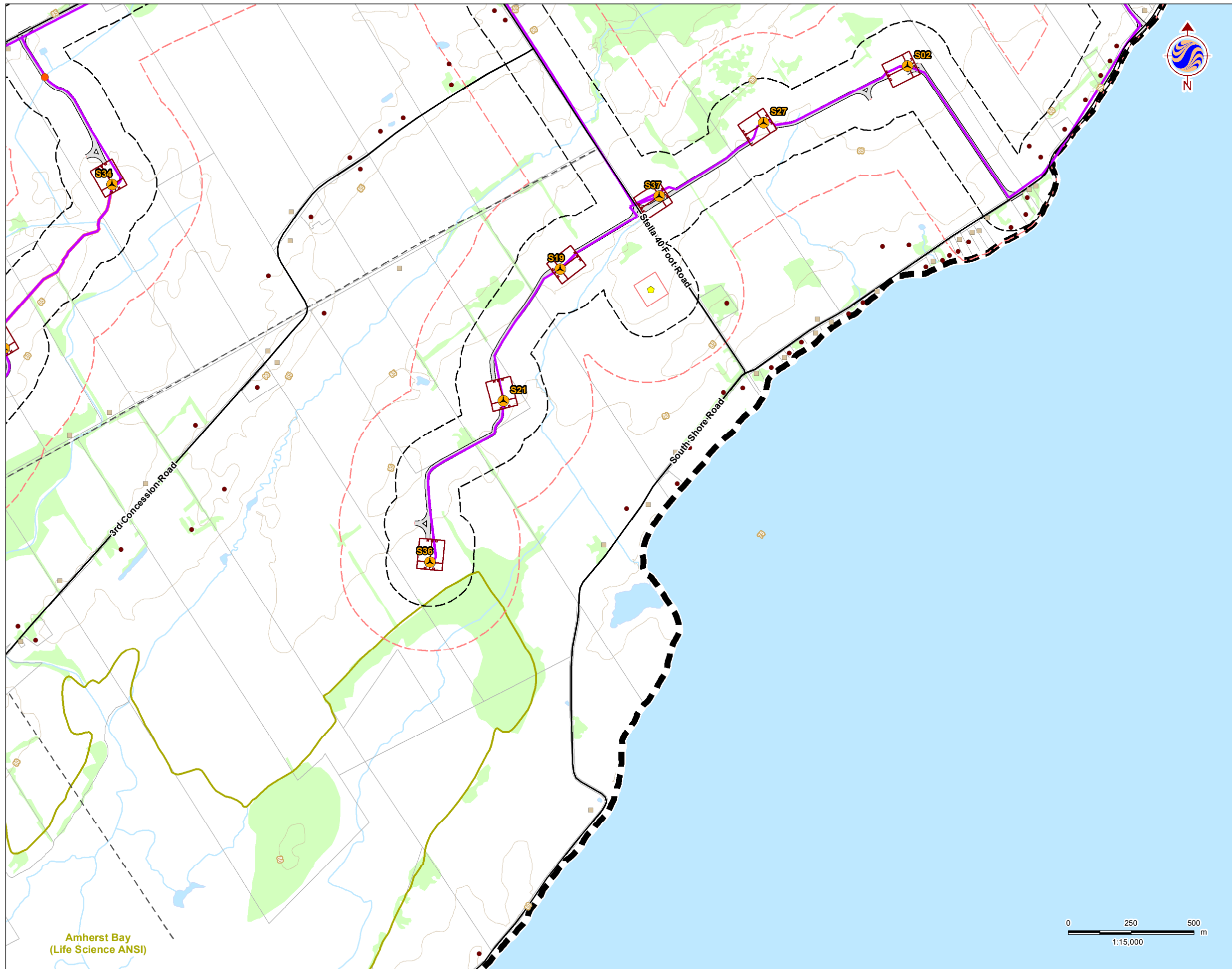
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Title

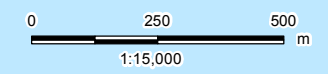
**Project Location & Study Area**







Amherst Bay  
(Life Science ANSI)



**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road Allowance
- Railway
- Elevation Contour (metres ASL)
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary

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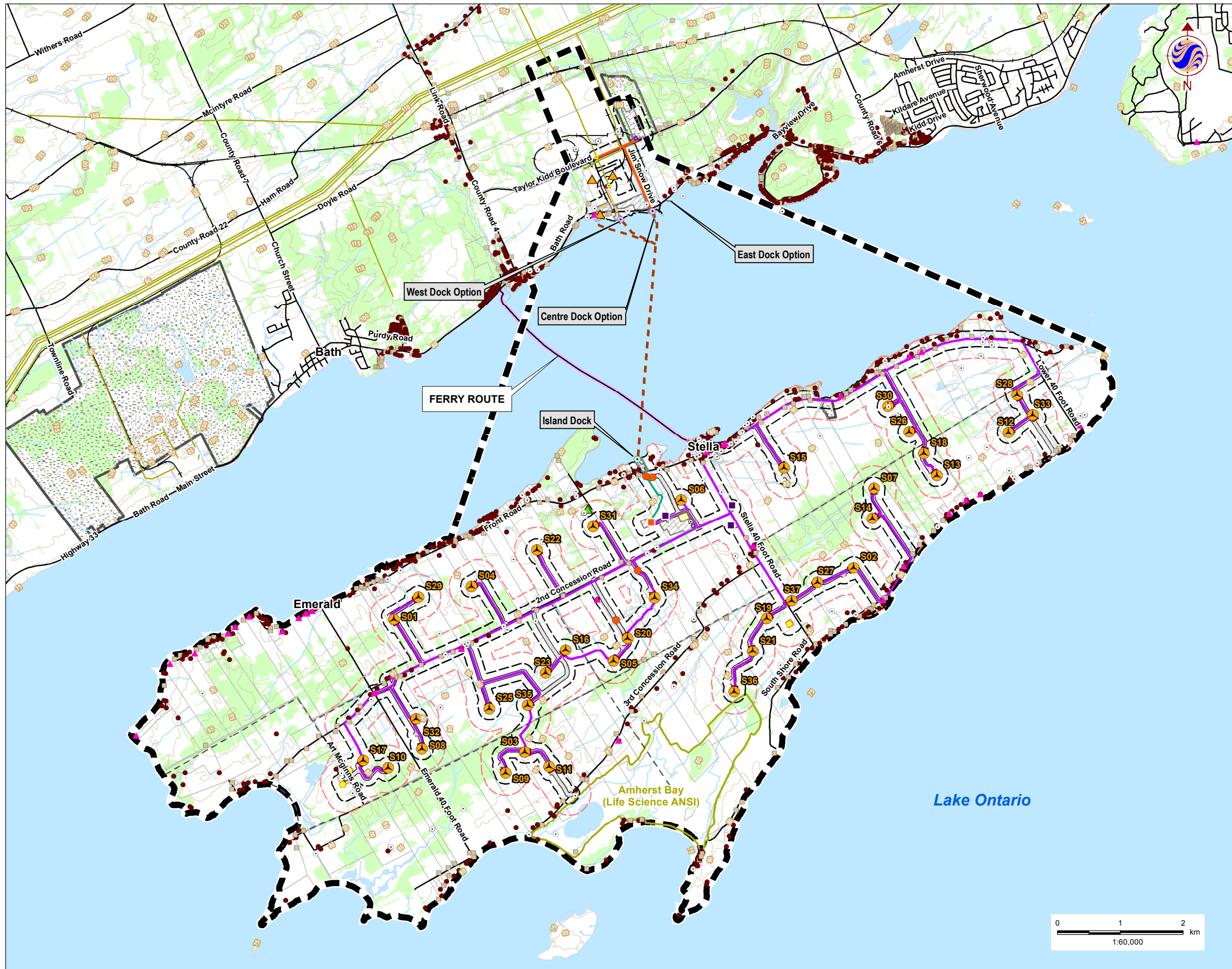
Figure No.

1.5

Title

**Project Location & Study Area**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Elevation Contour (metres ASL)
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - Aggregate Site - Active
  - ANSI Boundary
  - Property Boundary
  - Landfill - Active
  - Landfill - Closed
  - Water Well Record
  - Built Heritage Resource
  - Ferry Landscape
  - Village of Stella



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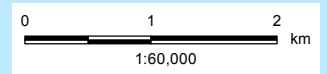
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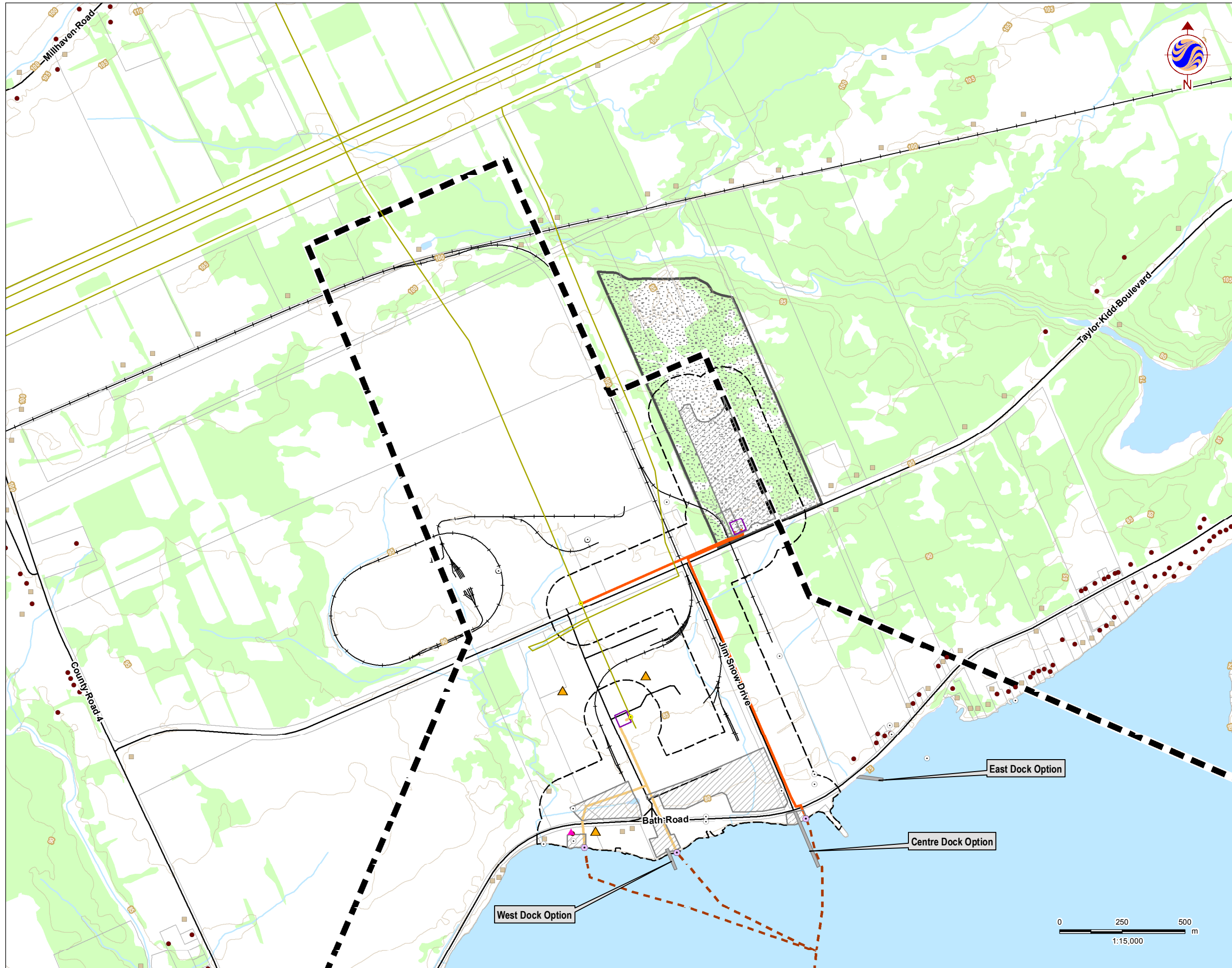
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Figure No.  
 2

Title  
**Socio-Economic Features - Overview**







### Legend

- |  |   |  |                   |
|--|---|--|-------------------|
|  | Project Study Area                                      |  | Noise Receptors   |
|  | 300m Zone of Investigation                              |  | Noise Receptors   |
|  | 120m Zone of Investigation                              |  | Existing Features |
|  | Turbine   |  | Existing Features |
|  | Met Tower (Potential Location)                          |  | Existing Features |
|  | Substation (Potential Location)                         |  | Existing Features |
|  | Access Road   |  | Existing Features |
|  | Collector Lines   |  | Existing Features |
|  | Submarine Cable Path                                    |  | Existing Features |
|  | Laydown Area and Crane Path                             |  | Existing Features |
|  | Operation and Maintenance Building (Potential Location) |  | Existing Features |
|  | Potential Culvert Location                              |  | Existing Features |
|  | Point of Common Coupling                                |  | Existing Features |
|  | Mainland Cable Vault (Potential Location)               |  | Existing Features |
|  | Island Cable Vault                                      |  | Existing Features |
|  | Aboveground Storage Tanks (Potential Location)          |  | Existing Features |
|  | Constructible Area                                      |  | Existing Features |
|  | Mainland Dock (Potential Location)                      |  | Existing Features |
|  | Island Dock   |  | Existing Features |
|  | Batch Plant (Potential Location)                        |  | Existing Features |
|  | Site Office (Potential Location)                        |  |                   |
|  | Storage Shed  |  |                   |
|  | Mainland Option 1                                       |  |                   |
|  | Mainland Option 2                                       |  |                   |
|  | Island Transmission Line                                |  |                   |
|  | Central Staging Area                                    |  |                   |
|  | Switching Station (Potential Location)                  |  |                   |

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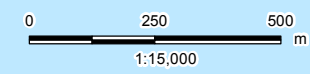
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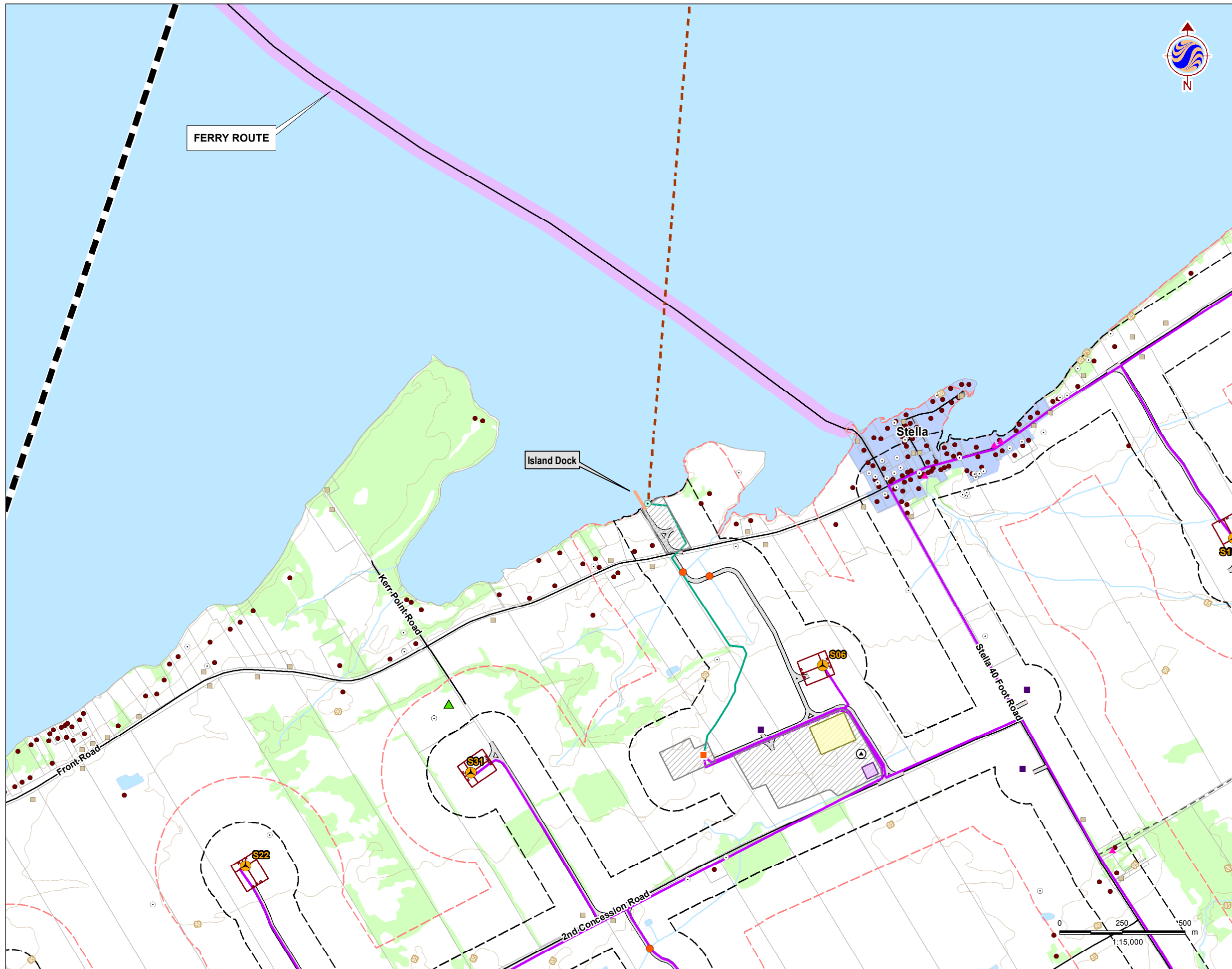
Figure No.

2.1

Title

**Socio-Economic Features**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Elevation Contour (metres ASL)
  - Watercourse
  - Hydro Line
  - Waterbody
  - Wooded Area
  - Aggregate Site - Active
  - ANSI Boundary
  - Property Boundary
  - Water Well Record
  - Built Heritage Resource
  - Ferry Landscape
  - Village of Stella
  - Landfill - Active
  - Landfill - Closed



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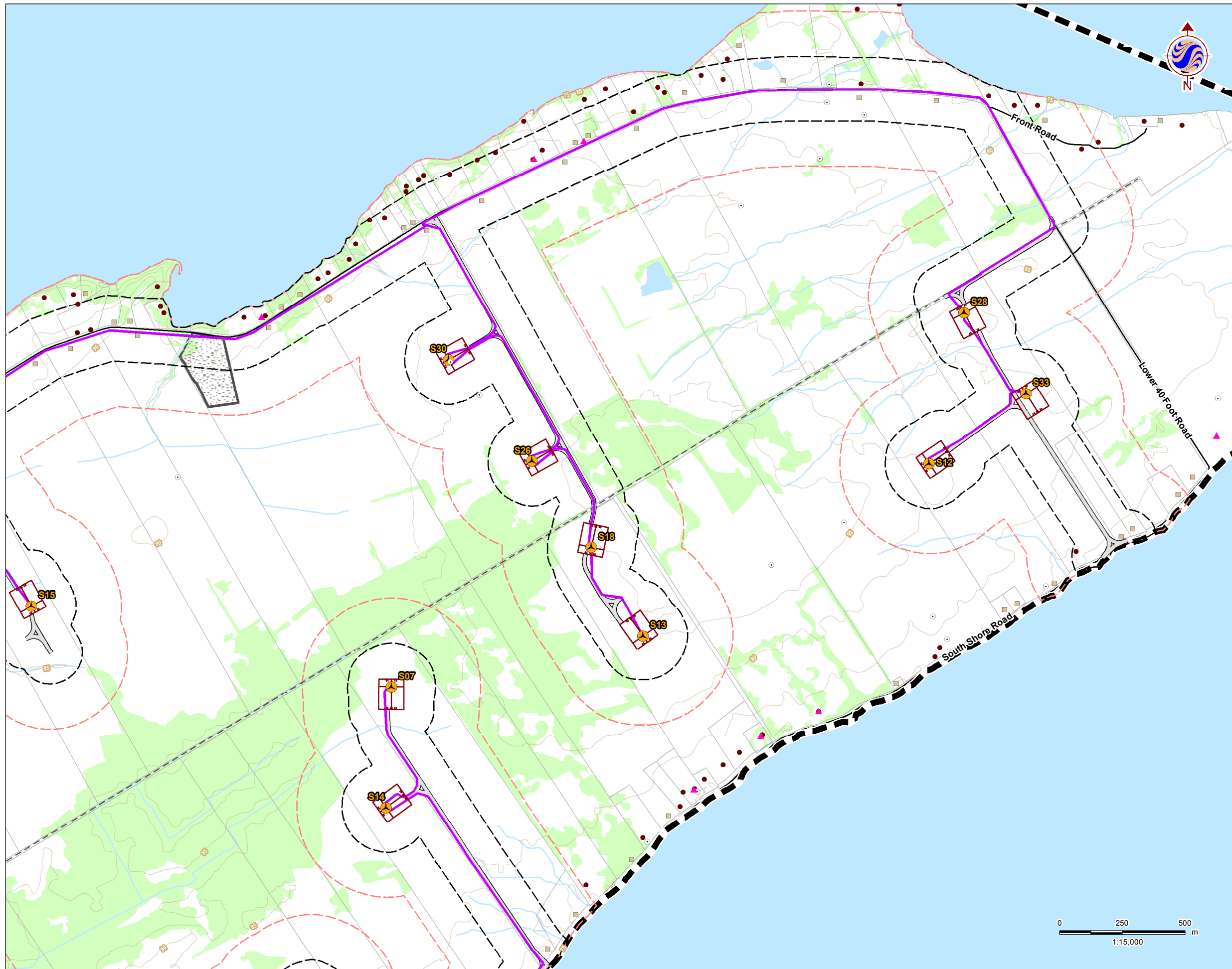
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Figure No.  
**2.2**

Title  
**Socio-Economic Features**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Railway
  - Elevation Contour (metres ASL)
  - Watercourse
  - Hydro Line
  - Waterbody
  - Wooded Area
  - Aggregate Site - Active
  - ANSI Boundary
  - Property Boundary
  - Water Well Record
  - Built Heritage Resource
  - Ferry Landscape
  - Village of Stella
  - Landfill - Active
  - Landfill - Closed

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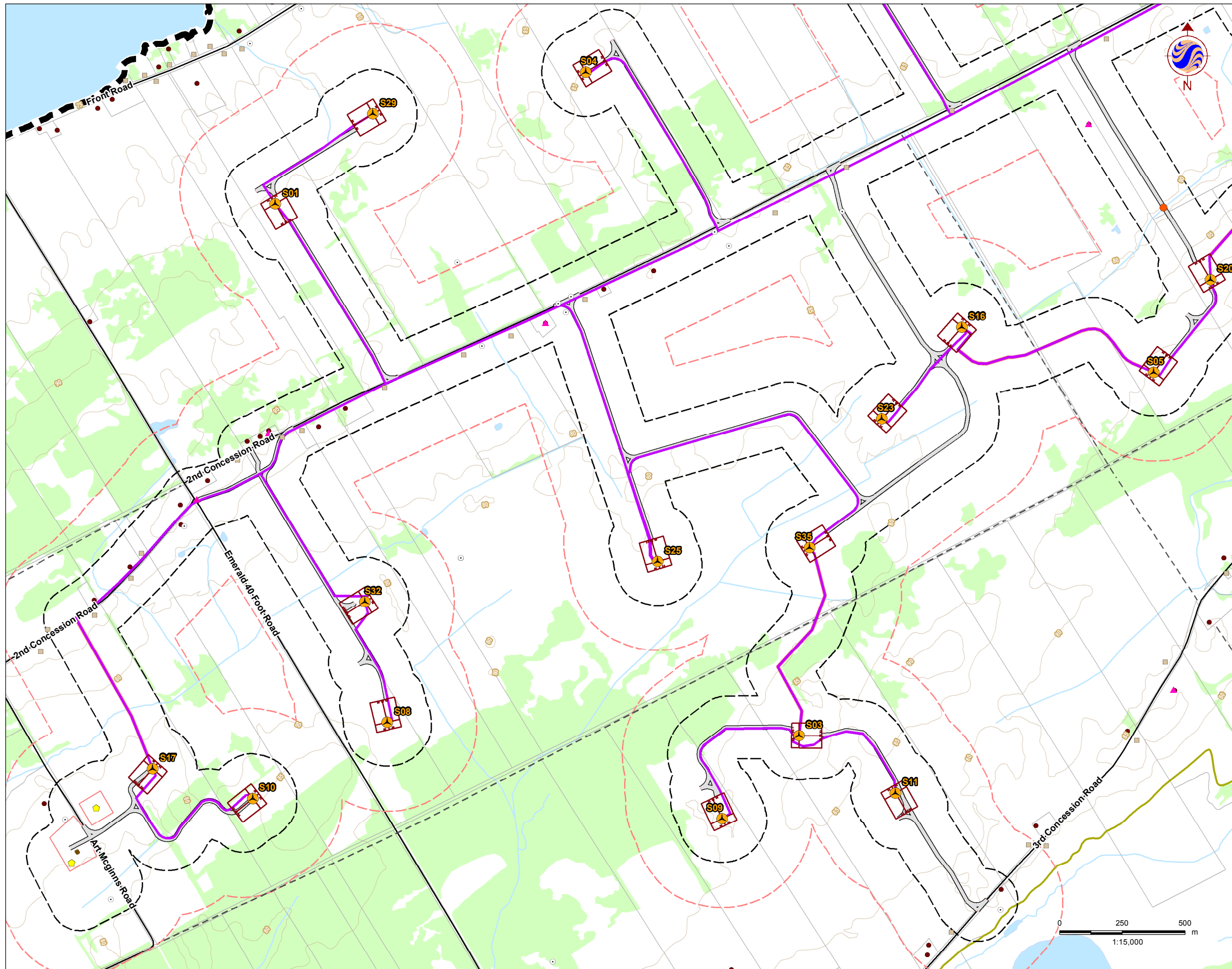
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Figure No.  
 2.3

Title  
**Socio-Economic Features**



**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road
- Allowance
- Railway
- Elevation Contour (metres ASL)
- Watercourse
- Hydro Line
- Waterbody
- Wooded Area
- Aggregate Site - Active
- ANSI Boundary
- Property Boundary
- Water Well Record
- Built Heritage Resource
- Ferry Landscape
- Village of Stella
- Landfill - Active
- Landfill - Closed

**Notes**

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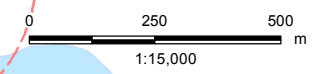
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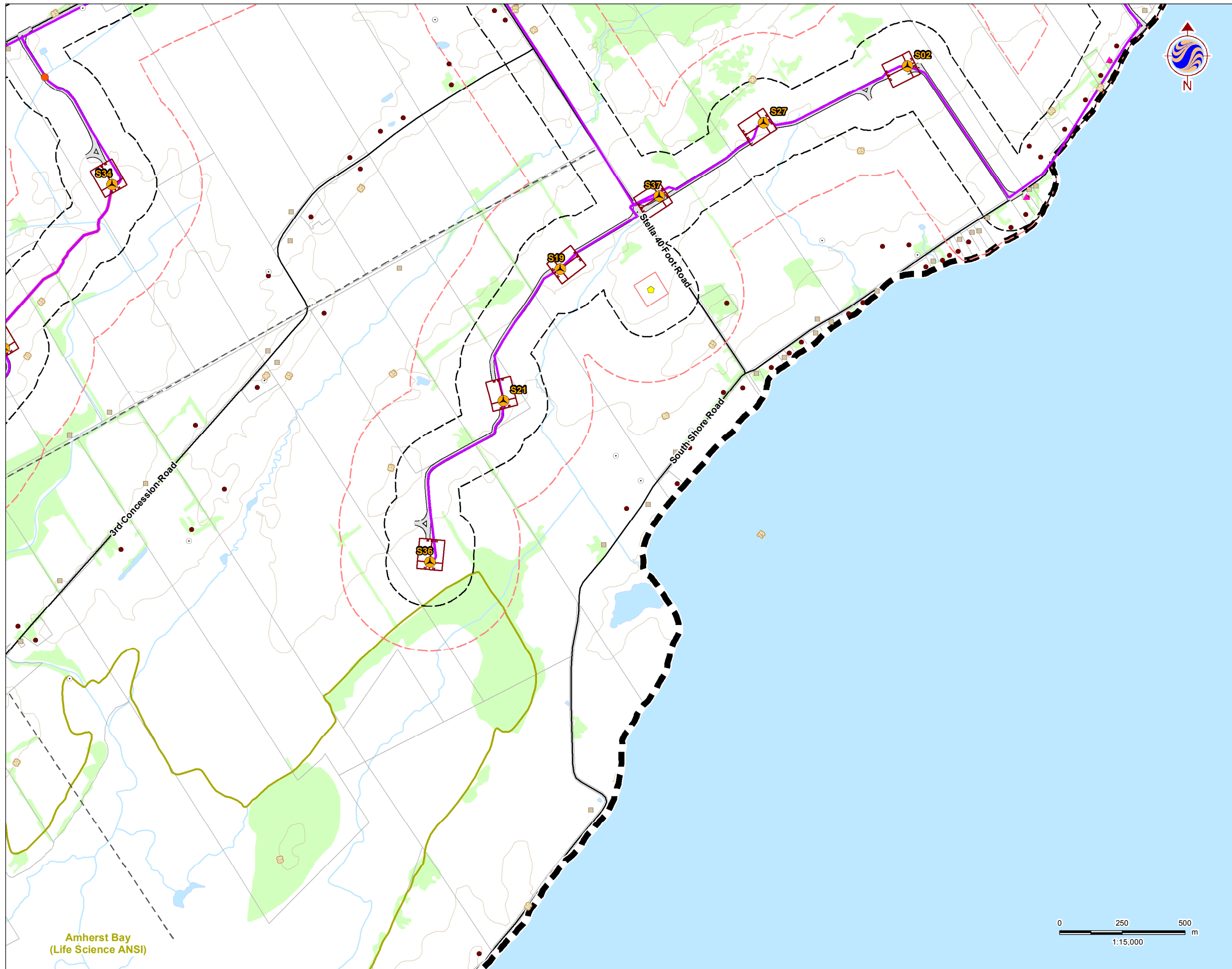
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AMHERST ISLAND WIND ENERGY PROJECT**

Figure No.  
**2.4**

Title  
**Socio-Economic Features**







**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road
- Allowance
- Railway
- Elevation Contour (metres ASL)
- Watercourse
- Hydro Line
- Waterbody
- Wooded Area
- Aggregate Site - Active
- ANSI Boundary
- Property Boundary
- Water Well Record
- Built Heritage Resource
- Ferry Landscape
- Village of Stella
- Landfill - Active
- Landfill - Closed



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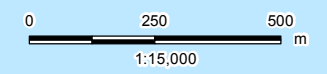
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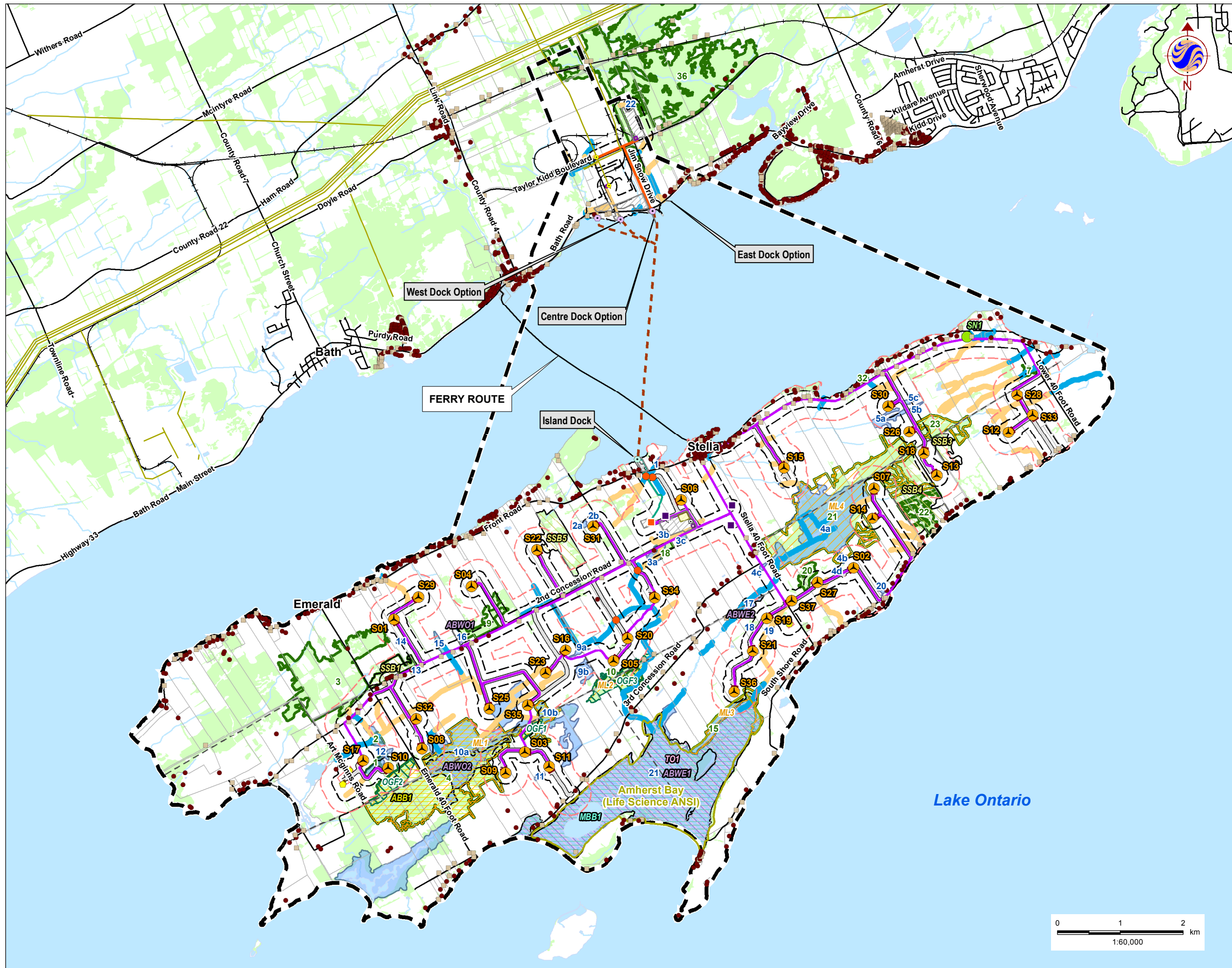
Figure No.  
 2.5

Title  
**Socio-Economic Features**



**Amherst Bay  
 (Life Science ANSI)**





### Legend

	Project Study Area		Noise Receptors
	300m Zone of Investigation		Noise Receptors
	120m Zone of Investigation		Existing Features
	Turbine		Existing Features
	Met Tower (Potential Location)		Existing Features
	Substation (Potential Location)		Existing Features
	Access Road		Existing Features
	Collector Lines		Existing Features
	Submarine Cable Path		Existing Features
	Laydown Area and Crane Path		Existing Features
	Operation and Maintenance Building (Potential Location)		Existing Features
	Potential Culvert Location		Existing Features
	Point of Common Coupling		RE Status
	Mainland Cable Vault (Potential Location)		RE Status
	Island Cable Vault		Significant Wildlife Habitat Features
	Aboveground Storage Tanks (Potential Location)		Significant Wildlife Habitat Features
	Constructible Area		Significant Wildlife Habitat Features
	Mainland Dock (Potential Location)		Significant Wildlife Habitat Features
	Island Dock		Significant Wildlife Habitat Features
	Batch Plant (Potential Location)		Significant Wildlife Habitat Features
	Site Office (Potential Location)		Significant Wildlife Habitat Features
	Storage Shed		Significant Wildlife Habitat Features
	Mainland Option 1		Significant Wildlife Habitat Features
	Mainland Option 2		Significant Wildlife Habitat Features
	Island Transmission Line		Significant Wildlife Habitat Features
	Central Staging Area		
	Switching Station (Potential Location)		

**Notes**

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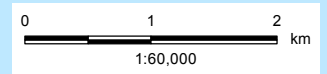
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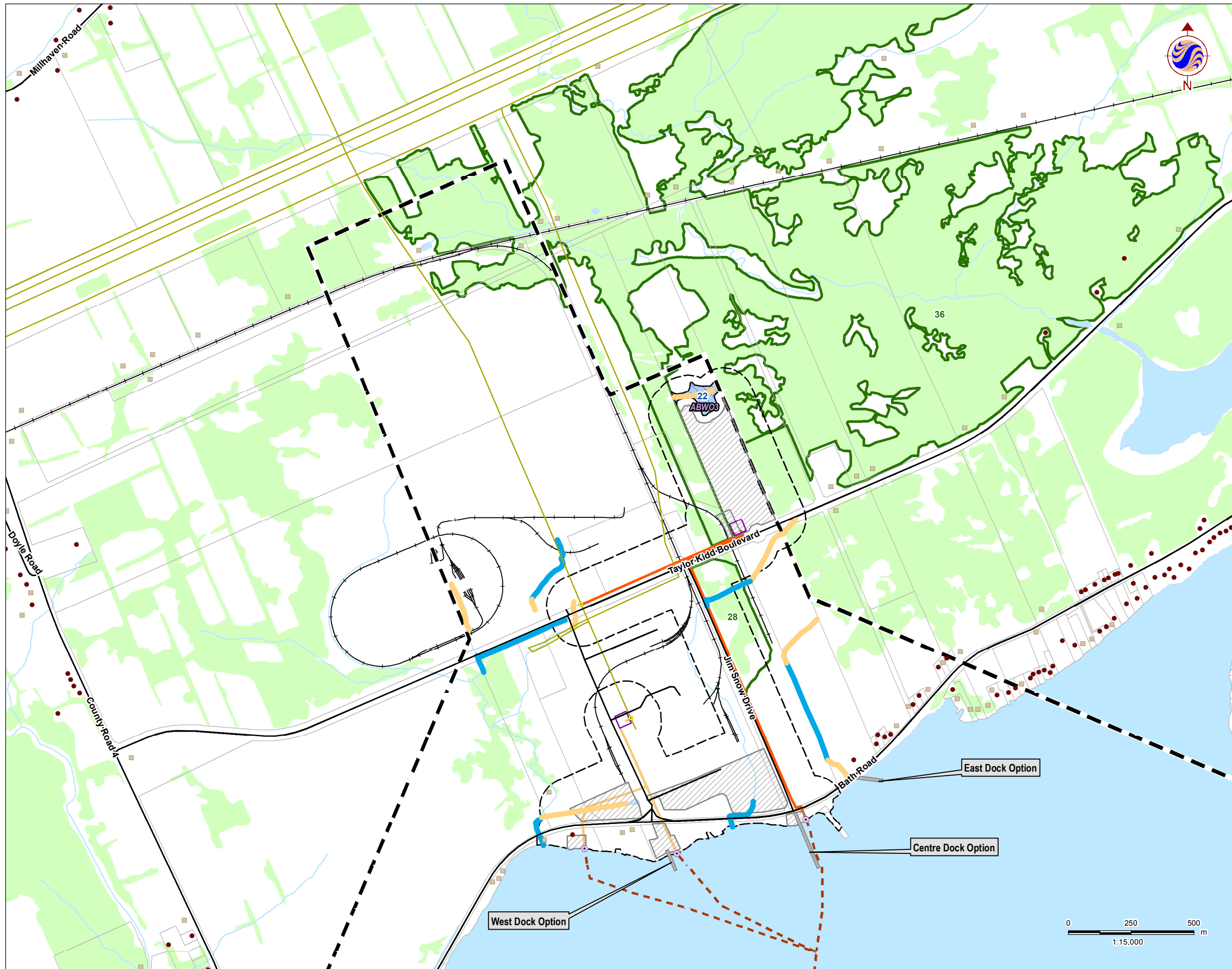
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Figure No.  
3

Title  
**Significant Natural Features,  
Wildlife Habitat and Waterbodies -  
Overview**







**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
- REA Status**
  - REA Water Body
  - Not a REA Water Body
- Significant Wildlife Habitat Features**
  - Snake Hibernacula (SN)
  - Amphibian Breeding (ABWO & ABWE)
  - Area-Sensitive Breeding Bird (ABB)
  - Marsh Breeding Bird (MBB)
  - Shrub/Early Successional Bird Breeding (SSB)
  - Turtle Overwintering (TO)
  - Landbird Migratory Stopover Area (ML)
  - Waterfowl Stopover & Staging - Terrestrial (WT)
  - Old Growth Forest (OGF)
  - Significant Wetland
  - Significant Woodland

**Notes**

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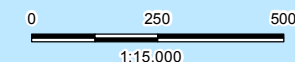
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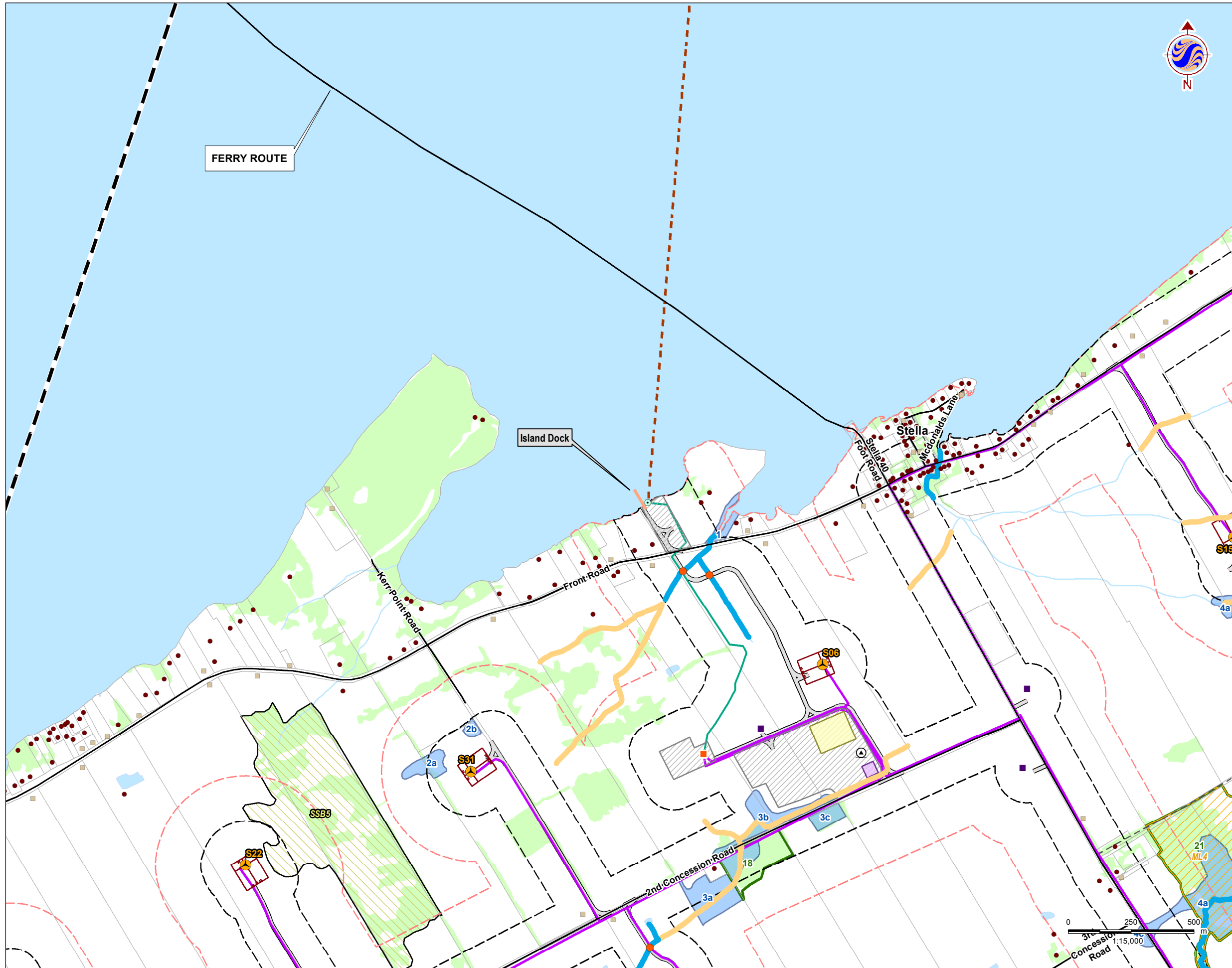
Figure No.

3.1

Title

**Significant Natural Features,  
Wildlife Habitat and Waterbodies**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Existing Noise Receptors
- Vacant Noise Receptors
- Existing Features**
- Road
- Unopened Road
- Railway
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary
- REA Status**
- REA Water Body
- Not a REA Water Body
- Significant Wildlife Habitat Features**
- Snake Hibernacula (SN)
- Amphibian Breeding (ABWO & ABWE)
- Area-Sensitive Breeding Bird (ABB)
- Marsh Breeding Bird (MBB)
- Shrub/Early Successional Bird Breeding (SSB)
- Turtle Overwintering (TO)
- Landbird Migratory Stopover Area (ML)
- Waterfowl Stopover & Staging - Terrestrial (WT)
- Old Growth Forest (OGF)
- Significant Wetland
- Significant Woodland

**Notes**

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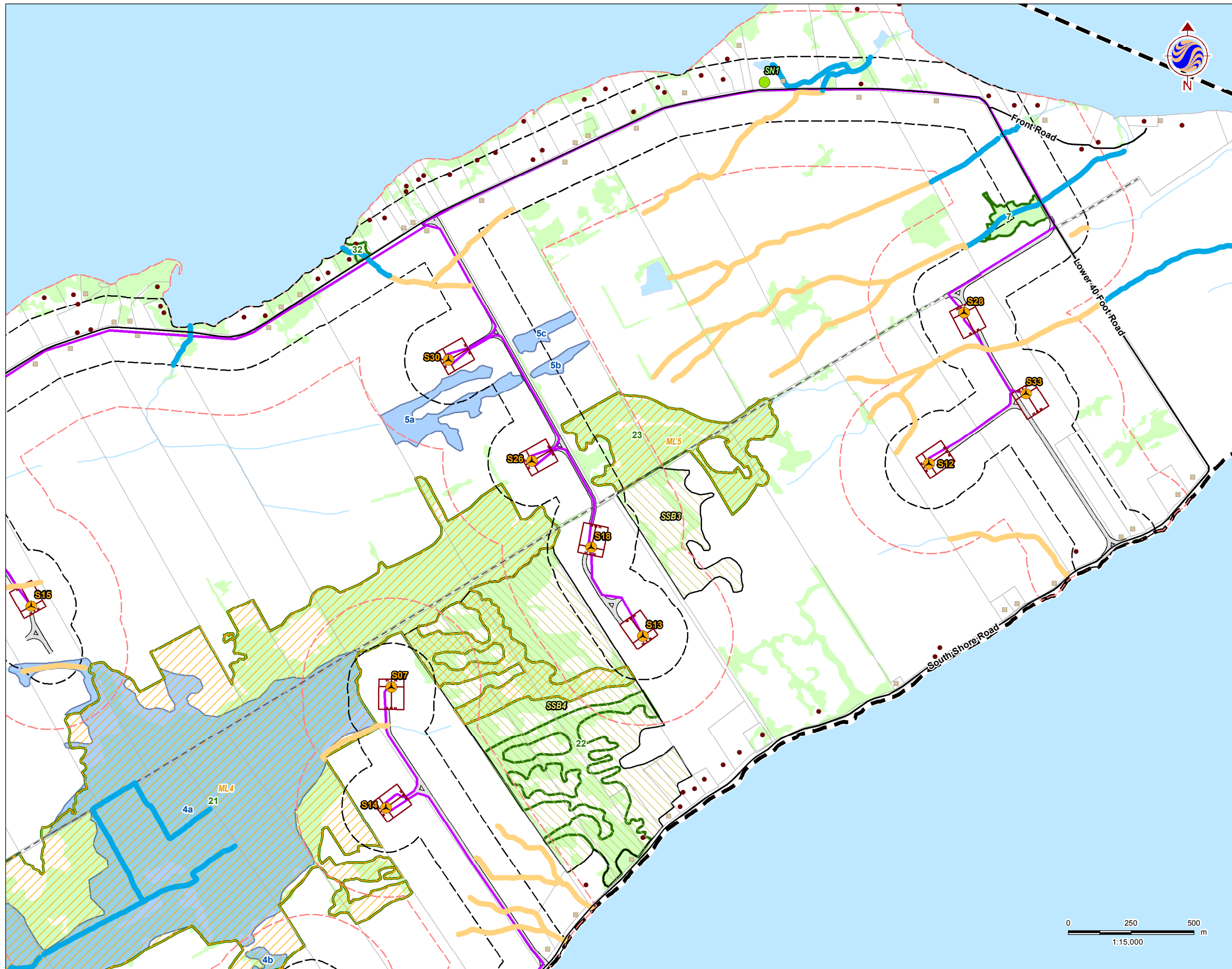
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Figure No.  
**3.2**

Title  
**Significant Natural Features,  
Wildlife Habitat and Waterbodies**

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Revised: 2013-11-20 By: pworsell





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
- REA Status**
  - REA Water Body
  - Not a REA Water Body
- Significant Wildlife Habitat Features**
  - Snake Hibernacula (SN)
  - Amphibian Breeding (ABWO & ABWE)
  - Area-Sensitive Breeding Bird (ABB)
  - Marsh Breeding Bird (MBB)
  - Shrub/Early Successional Bird Breeding (SSB)
  - Turtle Overwintering (TO)
  - Landbird Migratory Stopover Area (ML)
  - Waterfowl Stopover & Staging - Terrestrial (WT)
  - Old Growth Forest (OGF)
  - Significant Wetland
  - Significant Woodland

**Notes**

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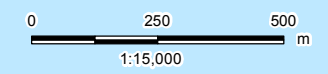
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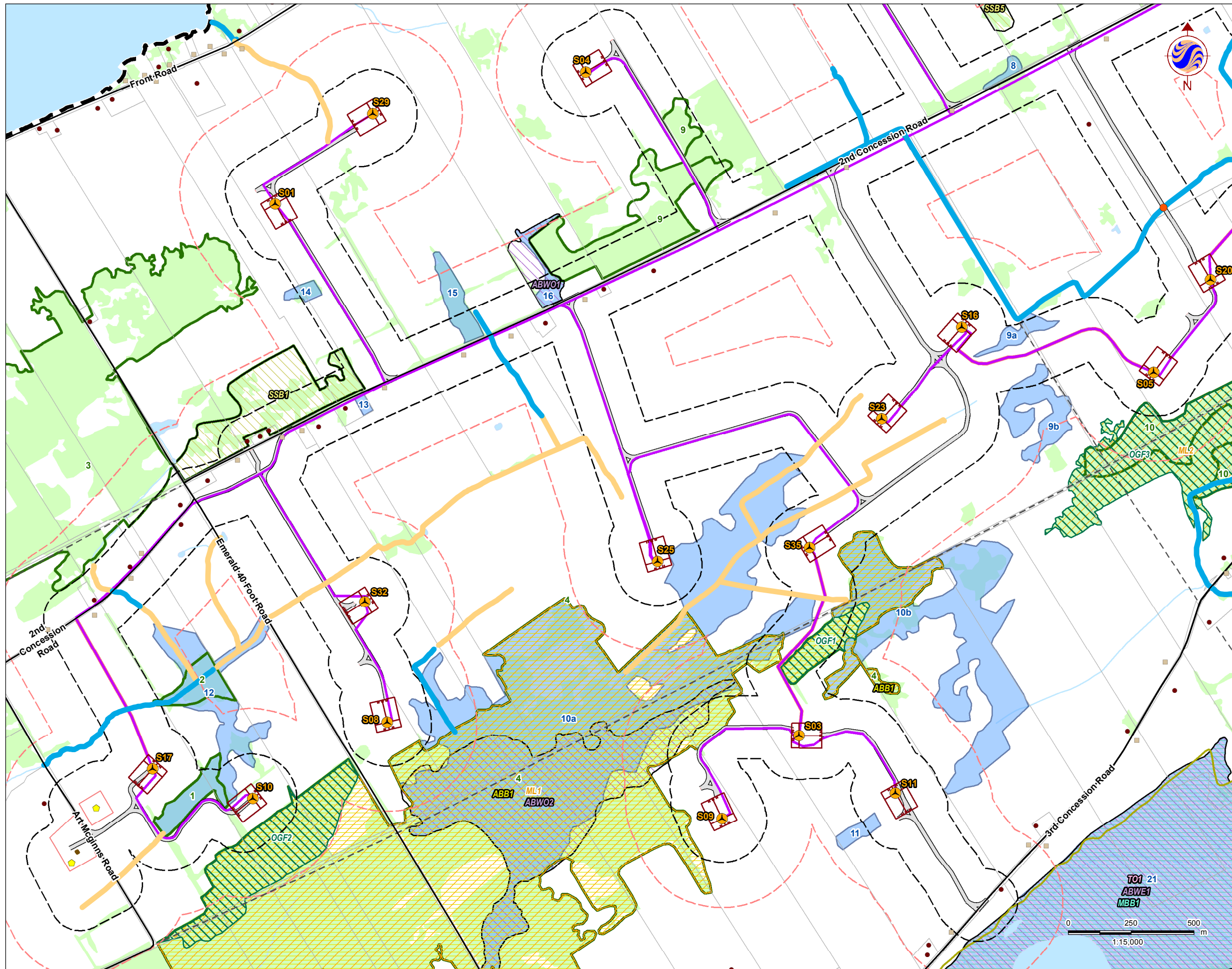
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**3.3**

Title  
**Significant Natural Features,  
Wildlife Habitat and Waterbodies**



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Revised: 2013-11-20 By: pworsell





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
- REA Status**
  - REA Water Body
  - Not a REA Water Body
- Significant Wildlife Habitat Features**
  - Snake Hibernacula (SN)
  - Amphibian Breeding (ABWO & ABWE)
  - Area-Sensitive Breeding Bird (ABB)
  - Marsh Breeding Bird (MBB)
  - Shrub/Early Successional Bird Breeding (SSB)
  - Turtle Overwintering (TO)
  - Landbird Migratory Stopover Area (ML)
  - Waterfowl Stopover & Staging - Terrestrial (WT)
  - Old Growth Forest (OGF)
  - Significant Wetland
  - Significant Woodland

**Notes**

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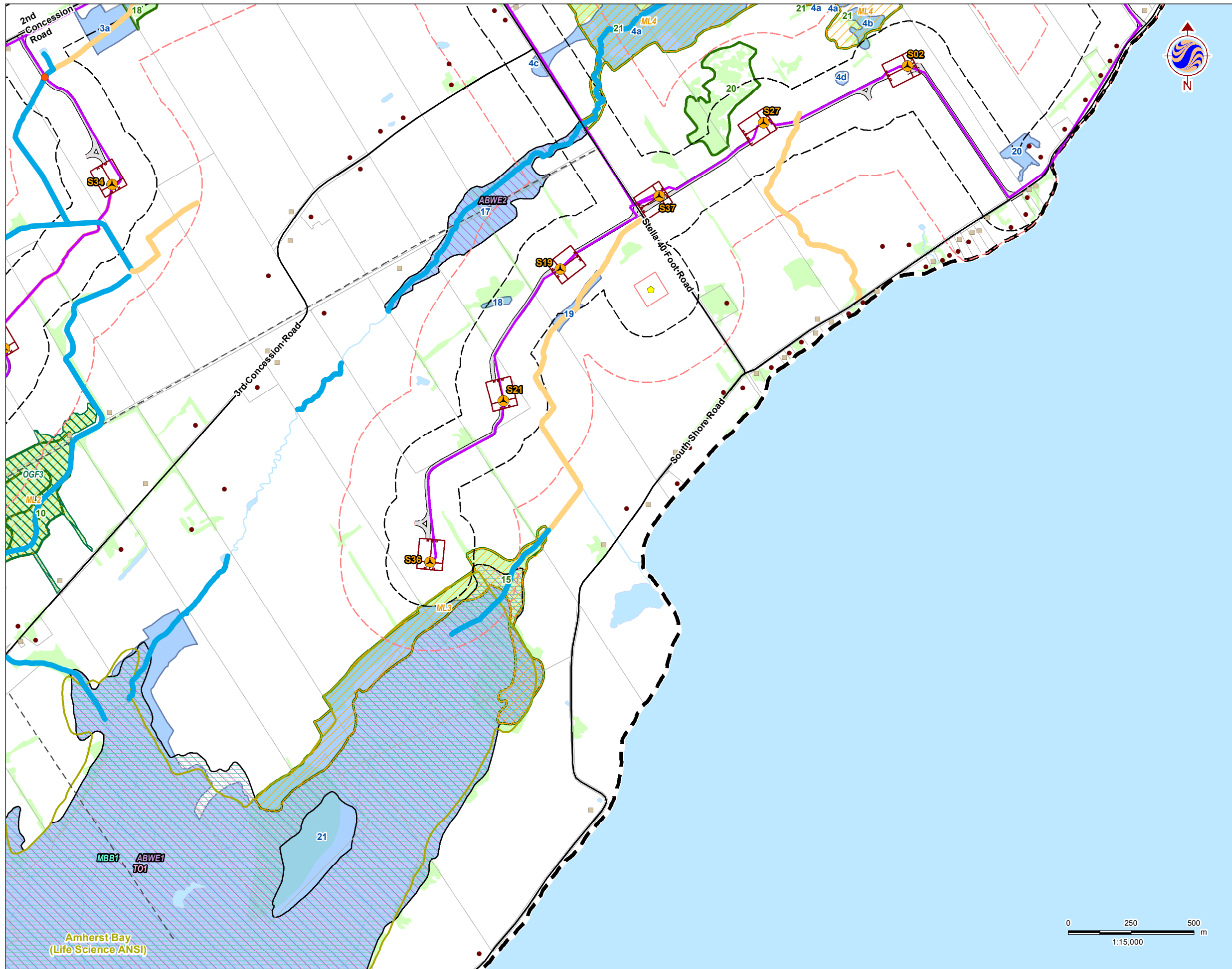
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Figure No.  
3.4

Title  
**Significant Natural Features,  
Wildlife Habitat and Waterbodies**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
- REA Status**
  - REA Water Body
  - Not a REA Water Body
- Significant Wildlife Habitat Features**
  - Snake Hibernacula (SN)
  - Amphibian Breeding (ABWO & ABWE)
  - Area-Sensitive Breeding Bird (ABB)
  - Marsh Breeding Bird (MBB)
  - Shrub/Early Successional Bird Breeding (SSB)
  - Turtle Overwintering (TO)
  - Landbird Migratory Stopover Area (ML)
  - Waterfowl Stopover & Staging - Terrestrial (WT)
  - Old Growth Forest (OGF)
  - Significant Wetland
  - Significant Woodland

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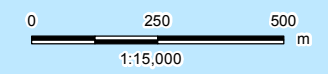
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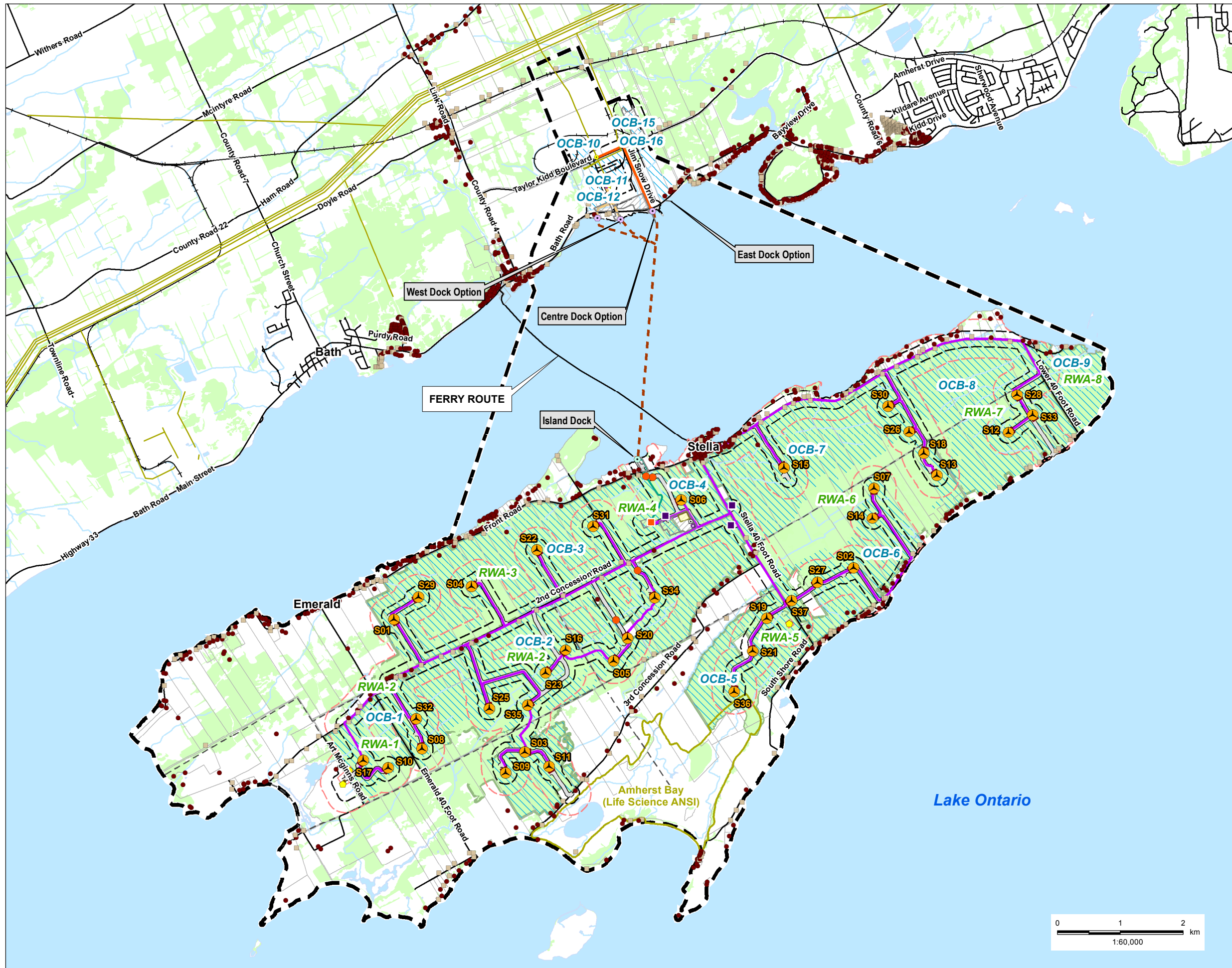
Figure No.  
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Title  
**Significant Natural Features,  
Wildlife Habitat and Waterbodies**



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### Legend

	Project Study Area		Noise Receptors
	300m Zone of Investigation		Noise Receptors
	120m Zone of Investigation		Existing Features
	Turbine		Existing Features
	Met Tower (Potential Location)		Existing Features
	Substation (Potential Location)		Existing Features
	Access Road		Existing Features
	Collector Lines		Existing Features
	Submarine Cable Path		Existing Features
	Laydown Area and Crane Path		Existing Features
	Operation and Maintenance Building (Potential Location)		Existing Features
	Potential Culvert Location		Existing Features
	Point of Common Coupling		Existing Features
	Mainland Cable Vault (Potential Location)		
	Island Cable Vault		
	Aboveground Storage Tanks (Potential Location)		
	Constructible Area		
	Mainland Dock (Potential Location)		
	Island Dock		
	Batch Plant (Potential Location)		
	Site Office (Potential Location)		
	Storage Shed		
	Mainland Option 1		
	Mainland Option 2		
	Island Transmission Line		
	Central Staging Area		
	Switching Station (Potential Location)		

**Notes**

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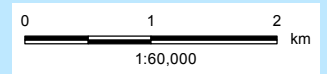
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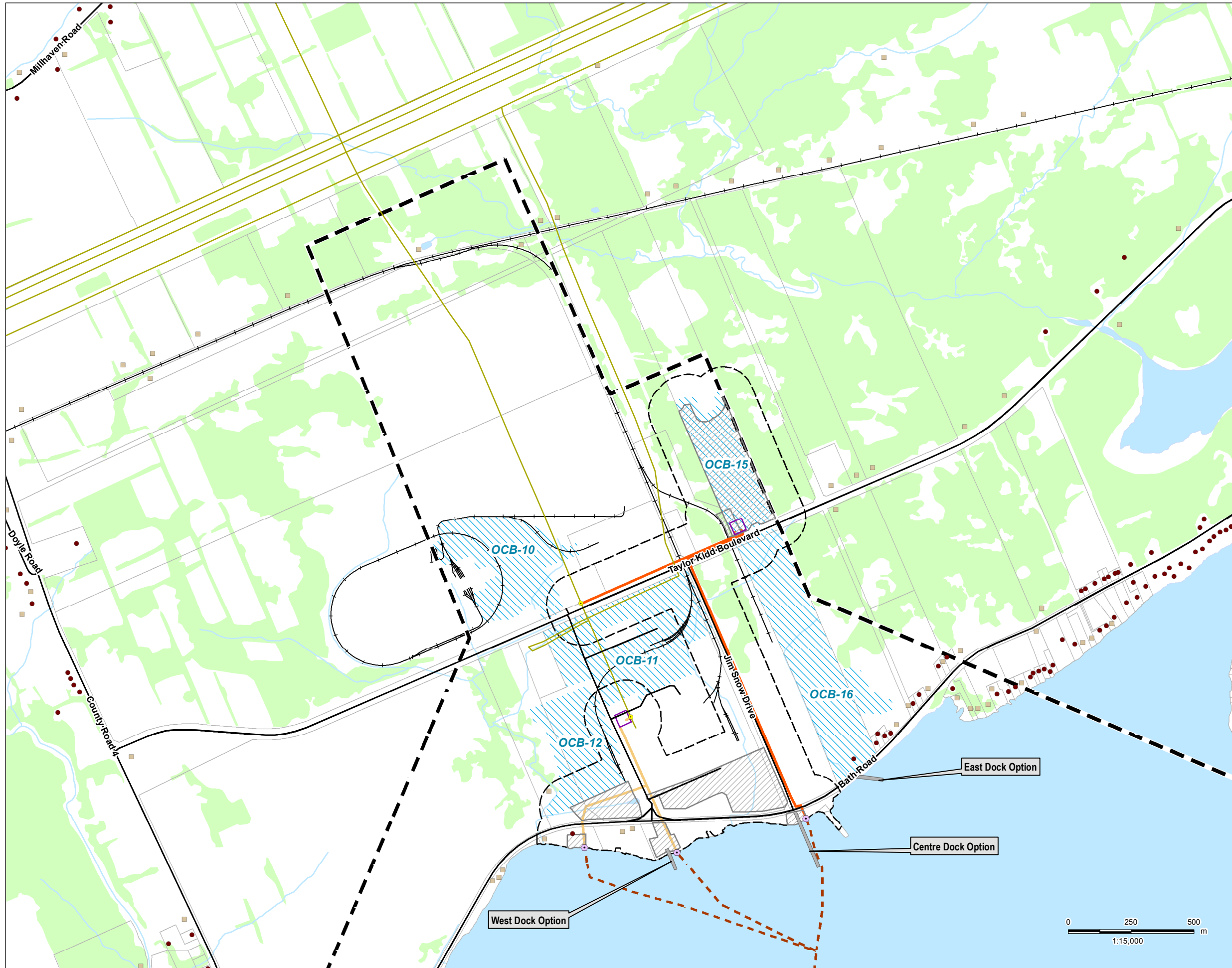
Figure No.  
4

Title  
**Significant Open Country Breeding Bird & Raptor Wintering Areas**



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Revised: 2013-11-20 By: pworsell





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road
- Allowance
- Railway
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary
- Open Country Breeding Bird Area (OCB)
- Raptor Wintering Area (RWA)

**Notes**

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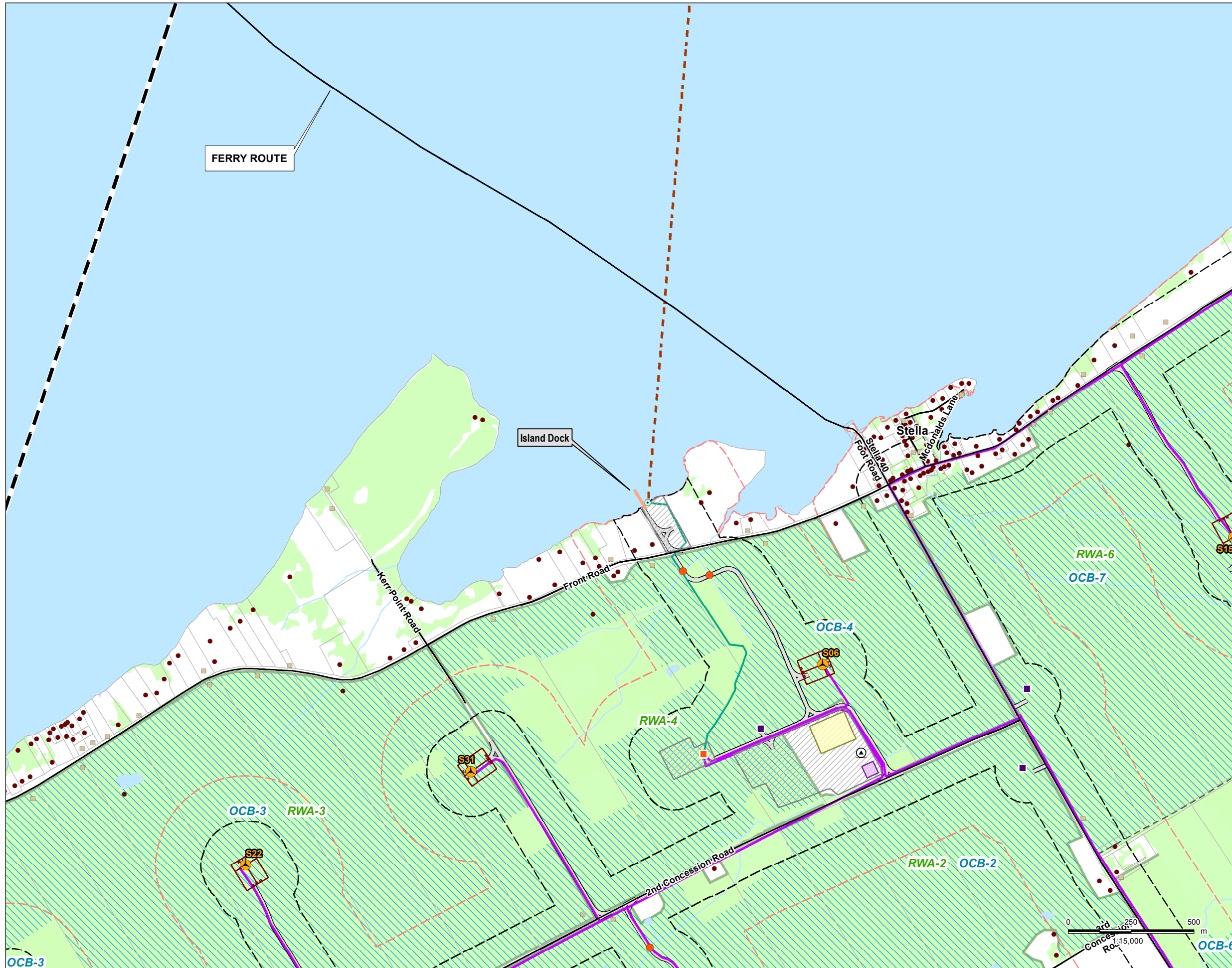
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Figure No.  
4.1

Title

**Significant Open Country Breeding Bird & Raptor Wintering Areas**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road
- Allowance
- Railway
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary
- Open Country Breeding Bird Area (OCB)
- Raptor Wintering Area (RWA)

- Notes**
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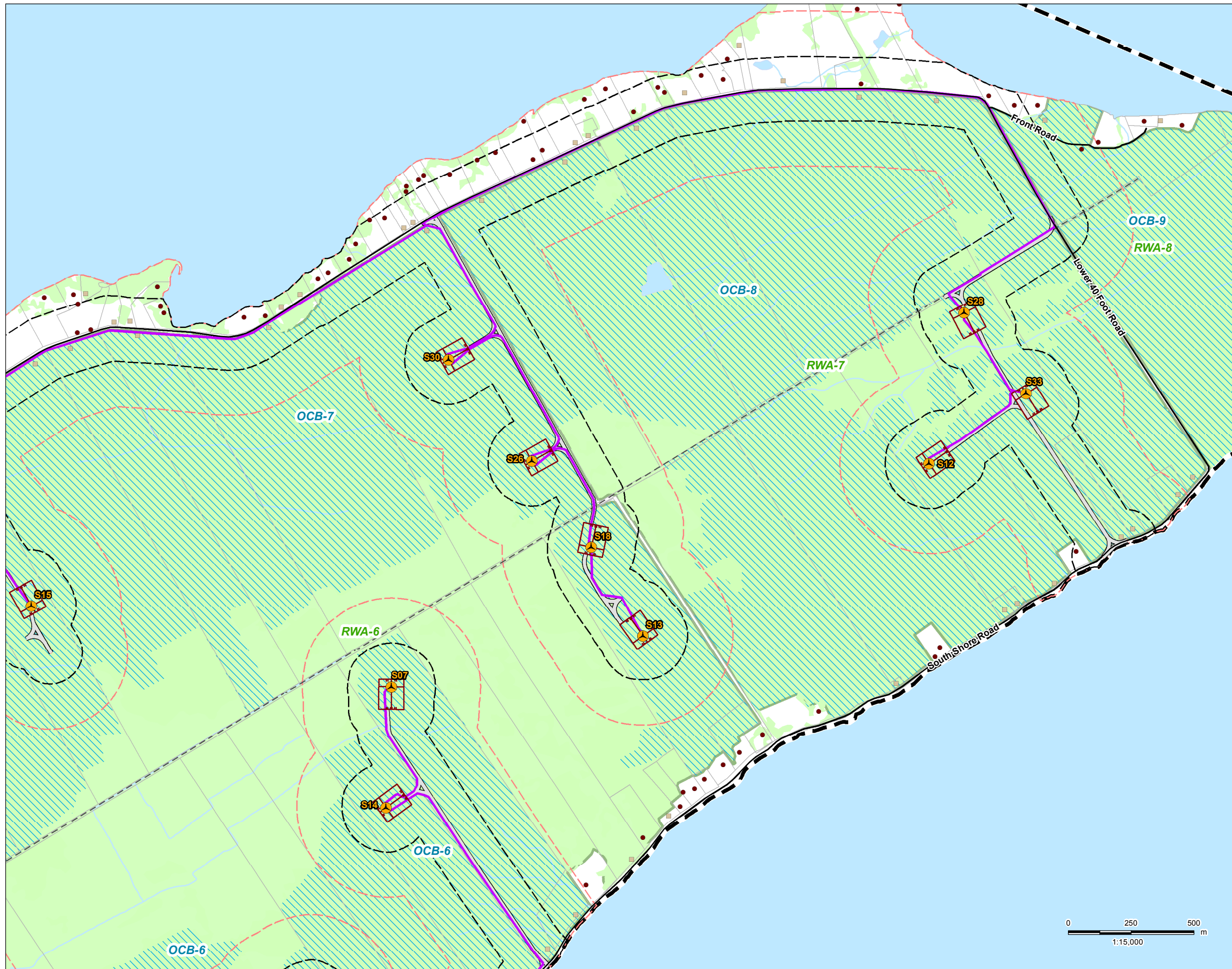
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Figure No.  
4.2

Title  
**Significant Open Country Breeding Bird & Raptor Wintering Areas**

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Revised: 2013-11-20 By: pworsell





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
  - Open Country Breeding Bird Area (OCB)
  - Raptor Wintering Area (RWA)

**Notes**

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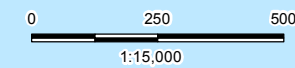
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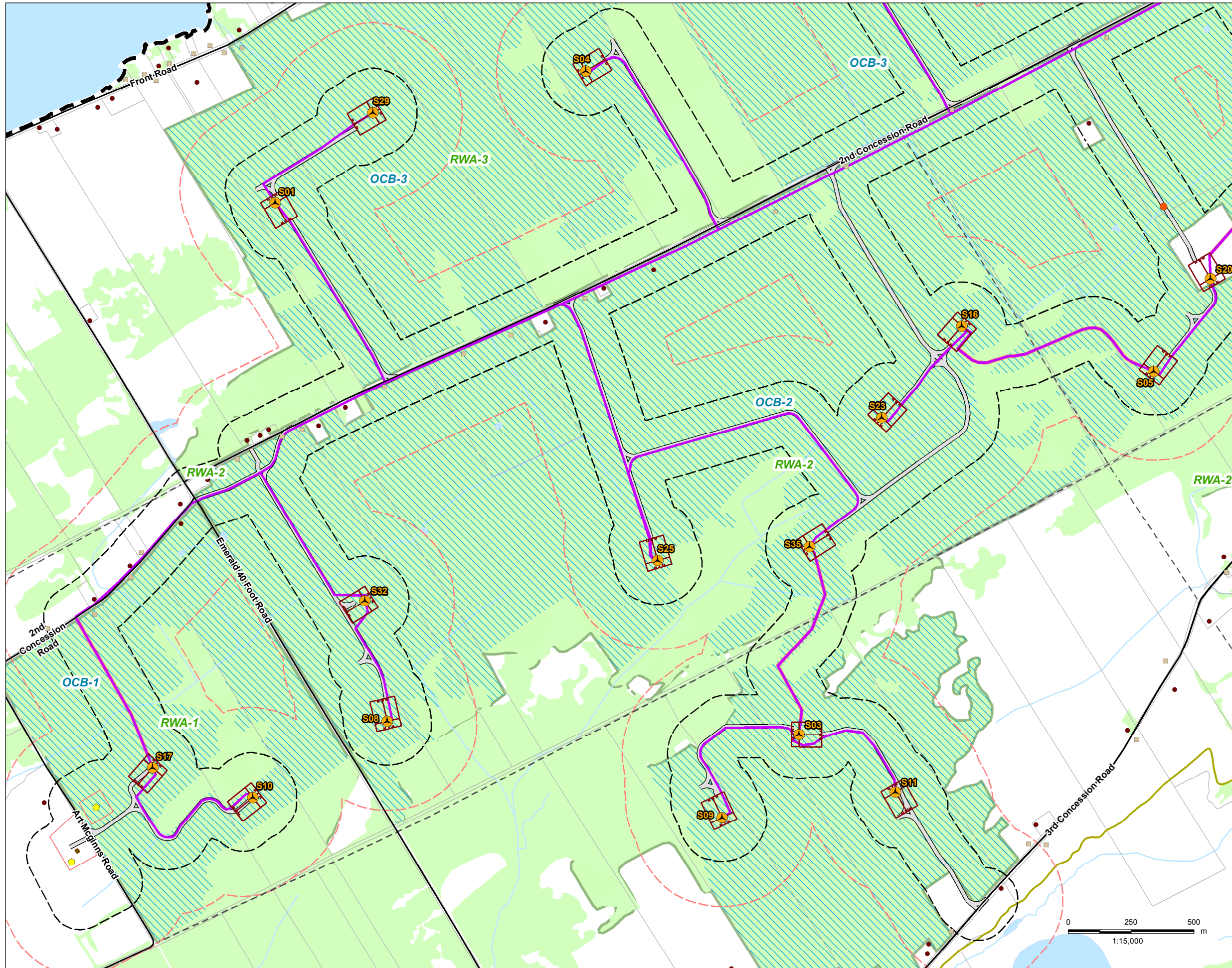
Figure No.  
4.3

Title

**Significant Open Country Breeding Bird & Raptor Wintering Areas**







**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
- Turbine
- Met Tower (Potential Location)
- Substation (Potential Location)
- Access Road
- Collector Lines
- Submarine Cable Path
- Laydown Area and Crane Path
- Operation and Maintenance Building (Potential Location)
- Potential Culvert Location
- Point of Common Coupling
- Mainland Cable Vault (Potential Location)
- Island Cable Vault
- Aboveground Storage Tanks (Potential Location)
- Constructible Area
- Mainland Dock (Potential Location)
- Island Dock
- Batch Plant (Potential Location)
- Site Office (Potential Location)
- Storage Shed
- Transmission Lines**
- Mainland Option 1
- Mainland Option 2
- Island Transmission Line
- Land Use**
- Central Staging Area
- Switching Station (Potential Location)
- Noise Receptors**
- Existing
- Vacant
- Existing Features**
- Road
- Unopened Road
- Allowance
- Railway
- Hydro Line
- Watercourse
- Waterbody
- Wooded Area
- ANSI Boundary
- Property Boundary
- Open Country Breeding Bird Area (OCB)
- Raptor Wintering Area (RWA)

**Notes**

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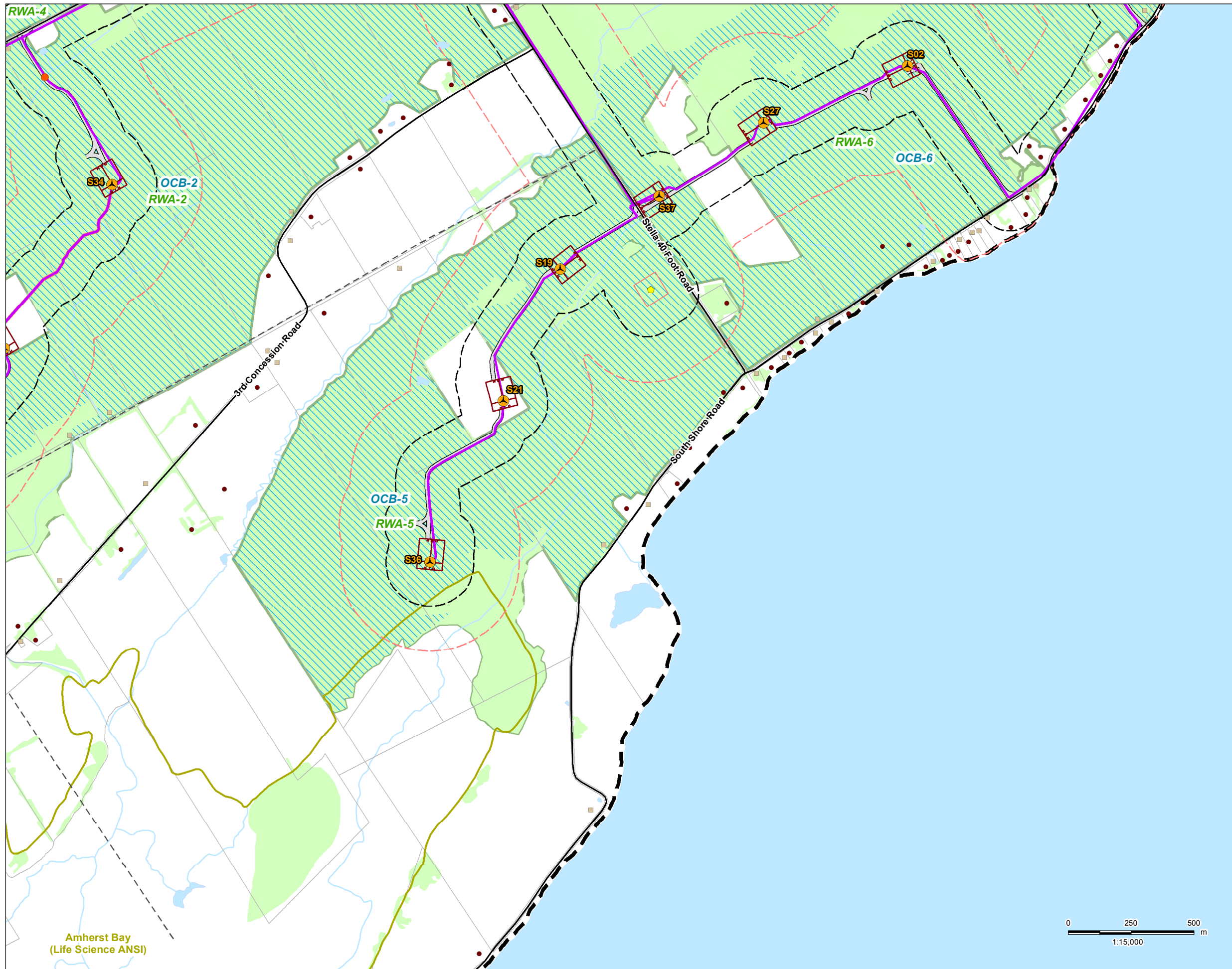
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Figure No.  
4.4

Title

**Significant Open Country Breeding Bird & Raptor Wintering Areas**





**Legend**

- Project Study Area
- 300m Zone of Investigation
- 120m Zone of Investigation
- Project Components**
  - Turbine
  - Met Tower (Potential Location)
  - Substation (Potential Location)
  - Access Road
  - Collector Lines
  - Submarine Cable Path
  - Laydown Area and Crane Path
  - Operation and Maintenance Building (Potential Location)
  - Potential Culvert Location
  - Point of Common Coupling
  - Mainland Cable Vault (Potential Location)
  - Island Cable Vault
  - Aboveground Storage Tanks (Potential Location)
  - Constructible Area
  - Mainland Dock (Potential Location)
  - Island Dock
  - Batch Plant (Potential Location)
  - Site Office (Potential Location)
  - Storage Shed
- Transmission Lines**
  - Mainland Option 1
  - Mainland Option 2
  - Island Transmission Line
- Land Use**
  - Central Staging Area
  - Switching Station (Potential Location)
- Noise Receptors**
  - Existing
  - Vacant
- Existing Features**
  - Road
  - Unopened Road
  - Allowance
  - Railway
  - Hydro Line
  - Watercourse
  - Waterbody
  - Wooded Area
  - ANSI Boundary
  - Property Boundary
  - Open Country Breeding Bird Area (OCB)
  - Raptor Wintering Area (RWA)

- Notes**
1. Coordinate System: UTM NAD 83 - Zone 18 (N).
  2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2013.



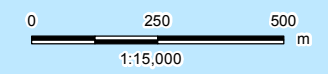
**Stantec**

November 2013  
160960595

Client/Project  
WINDLECTRIC INC.  
AMHERST ISLAND WIND ENERGY PROJECT

Figure No.  
4.5

Title  
**Significant Open Country Breeding Bird & Raptor Wintering Areas**



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Revised: 2013-11-20 By: pworsell