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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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Figure No.
1.20a

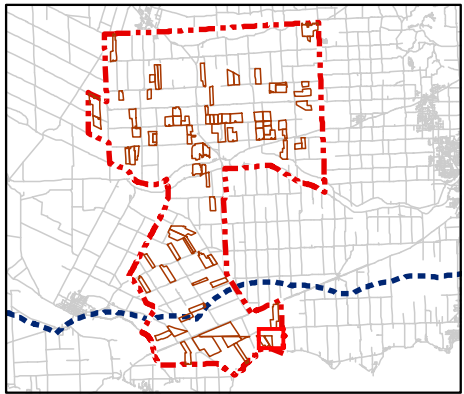
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**Inset Maps for
Property Line Setback – T22**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
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- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



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Figure No.

1.21

Title

**Overview Maps for Property
Line Setback Assessment –
T23**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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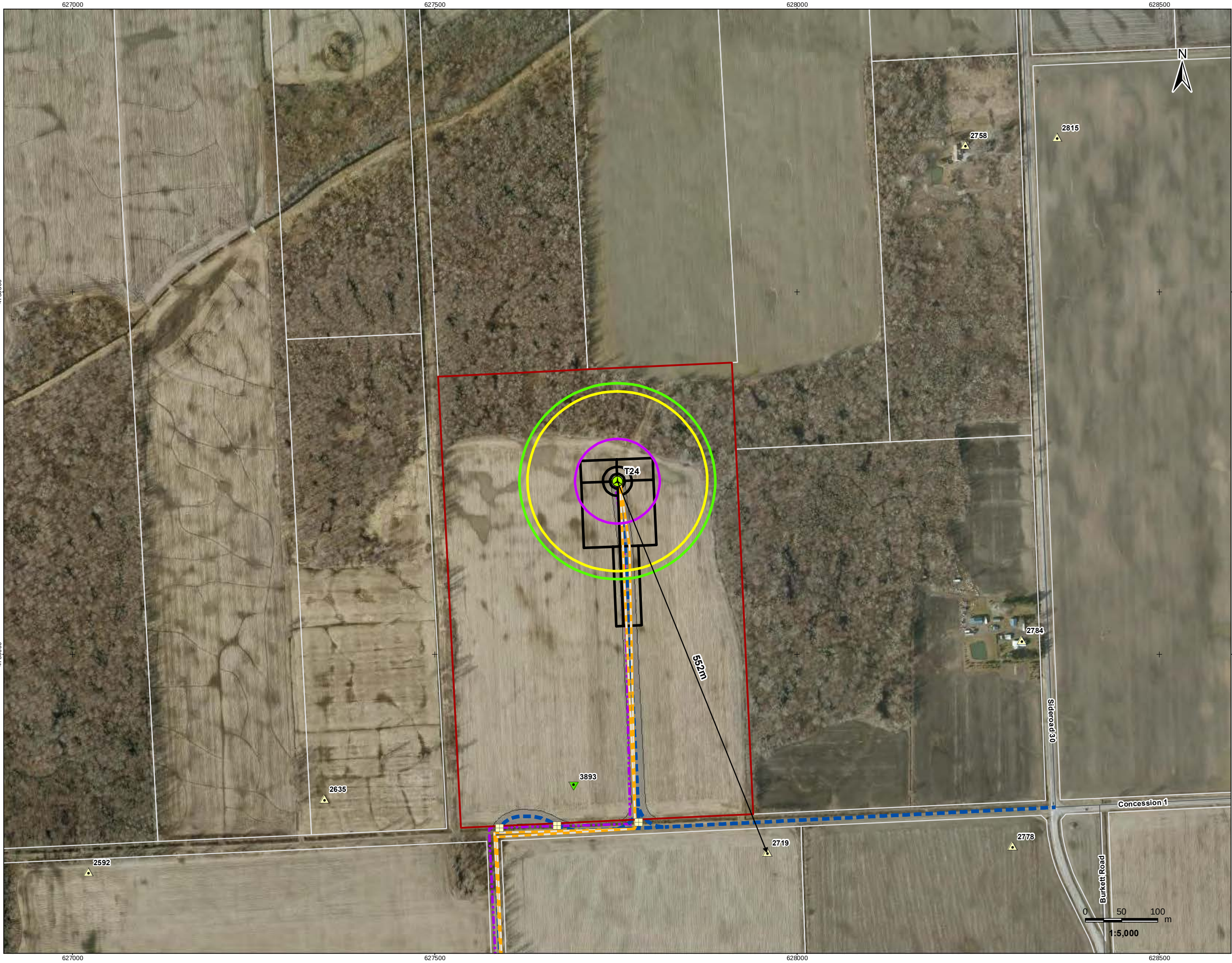
March, 2013
160950269

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Figure No.
1.21a

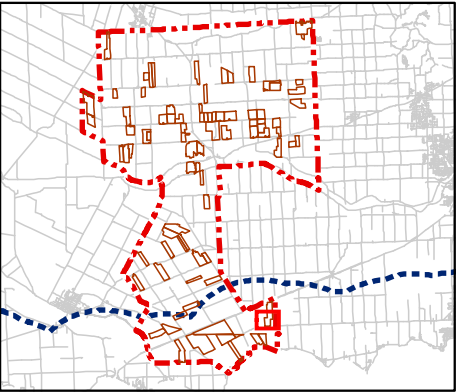
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**Inset Maps for
Property Line Setback – T23**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
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Figure No.

1.22

Title

**Overview Maps for Property
Line Setback Assessment –
T24**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Road

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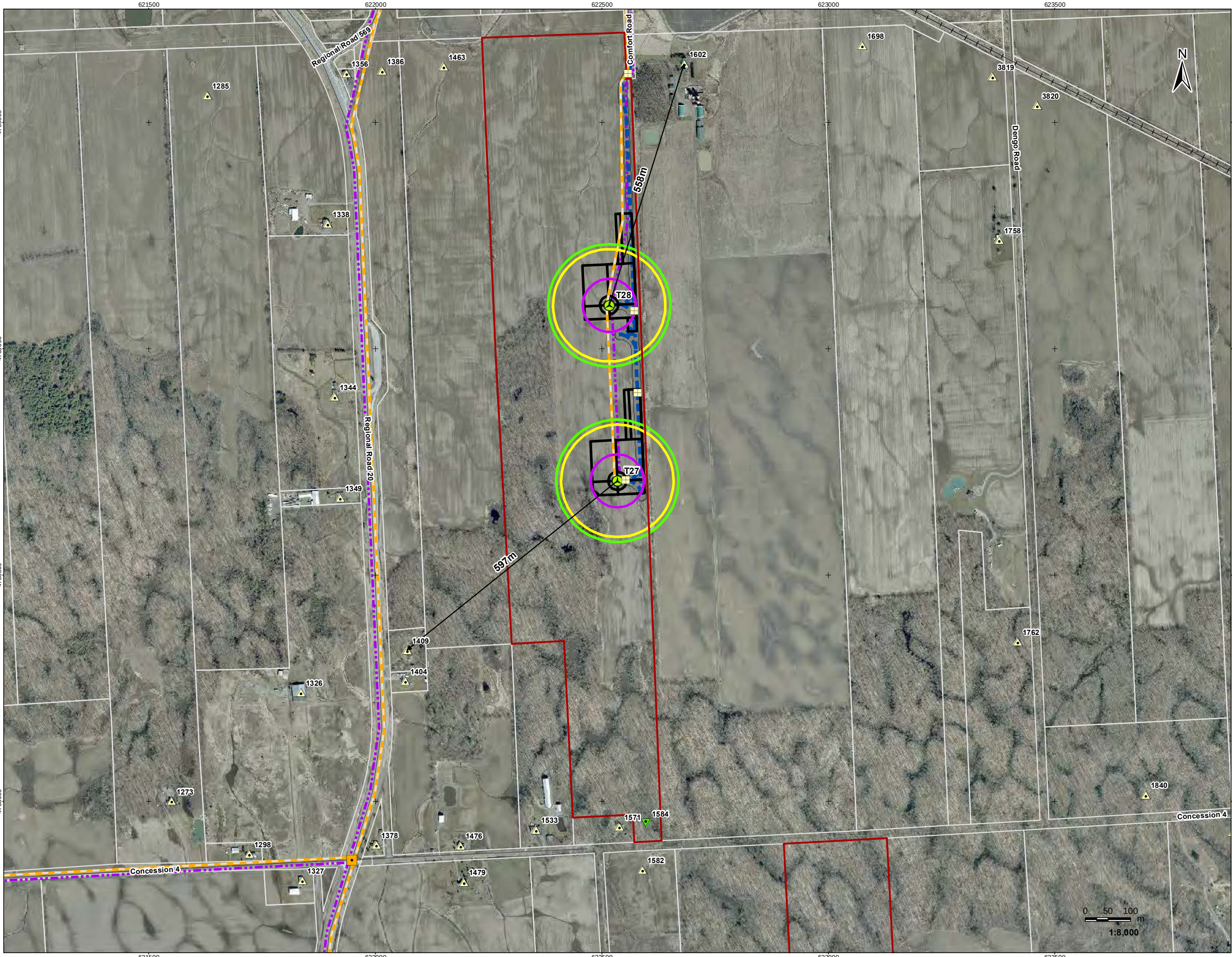
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Figure No.
1.22a

Title
**Inset Maps for
Property Line Setback – T24**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Property Boundary
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- Turbine 58.6m Buffer (Blade + 10m)
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Figure No.

1.23

Title

**Overview Maps for Property
Line Setback Assessment –
T27**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

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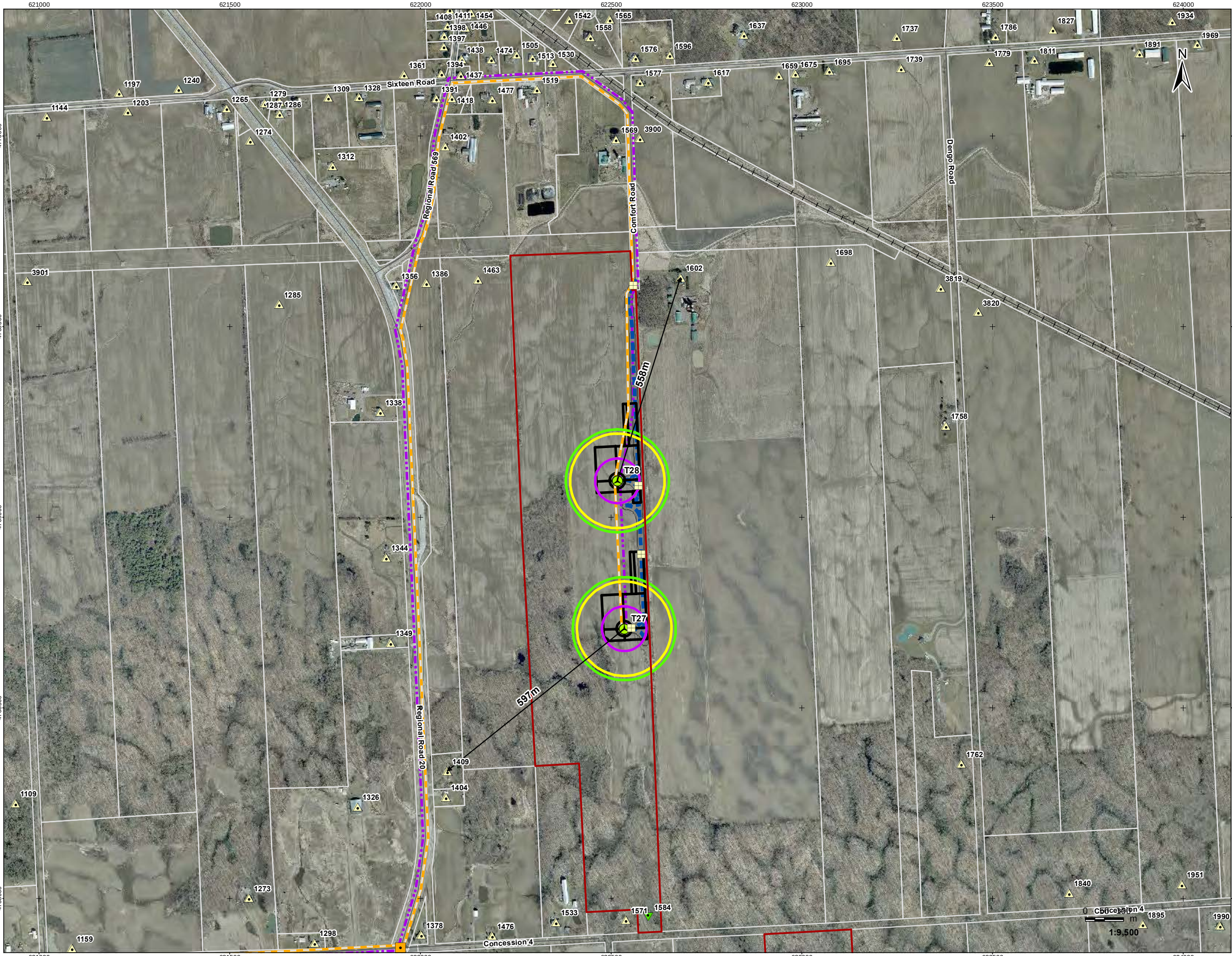
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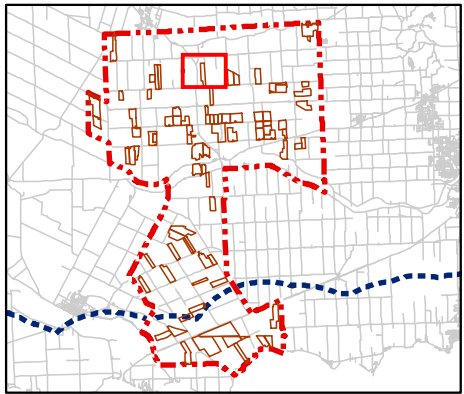
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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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Figure No.

1.24

Title

Overview Maps for Property
Line Setback Assessment –
T28

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Revised: 2013-03-01 By: bcowper



Legend

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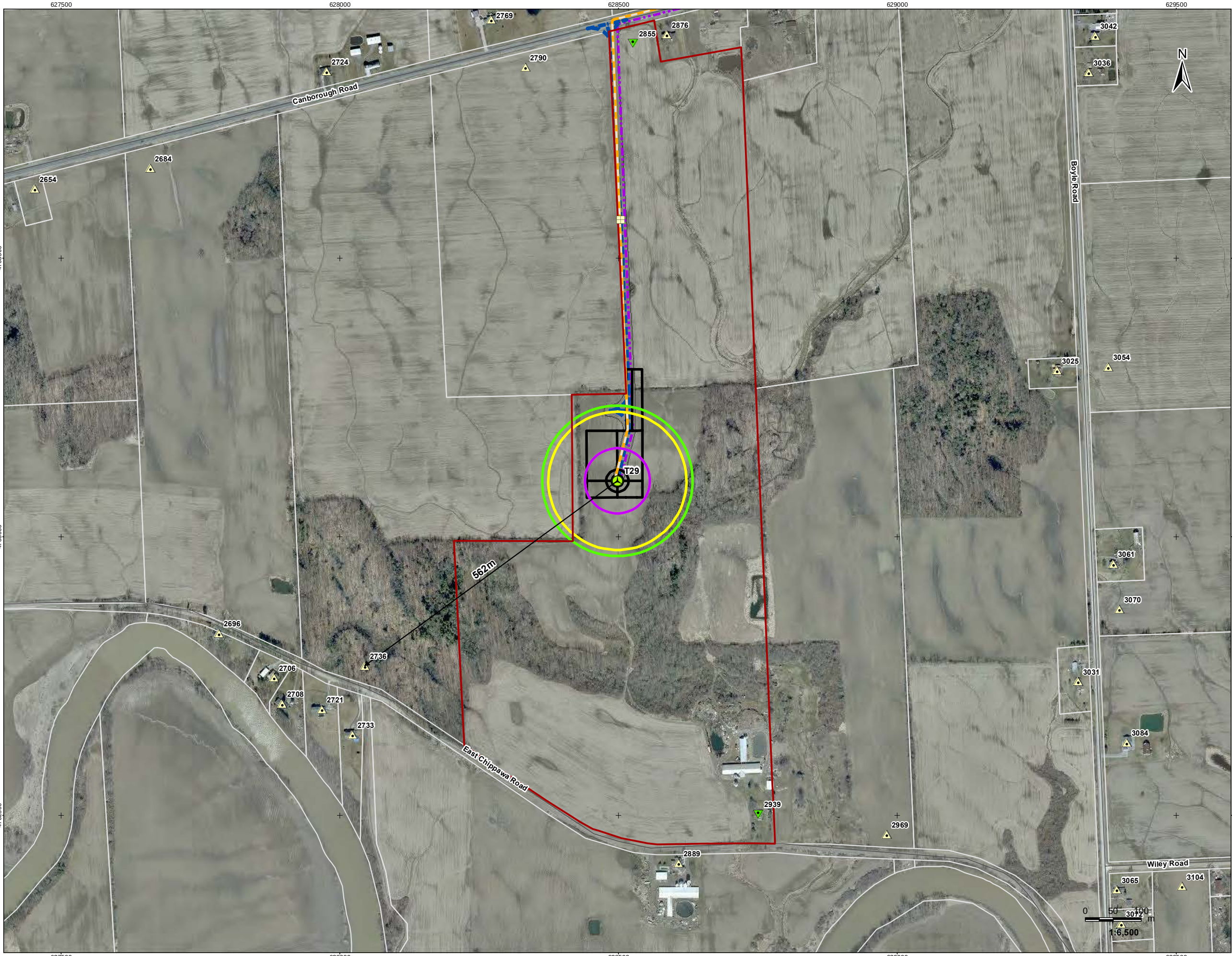
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Figure No.
1.24a

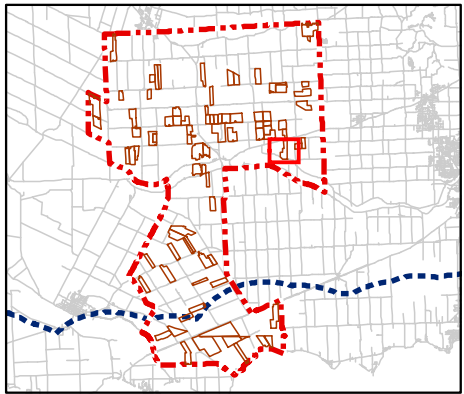
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Revised: 2013-03-01 By: bcowper



Legend

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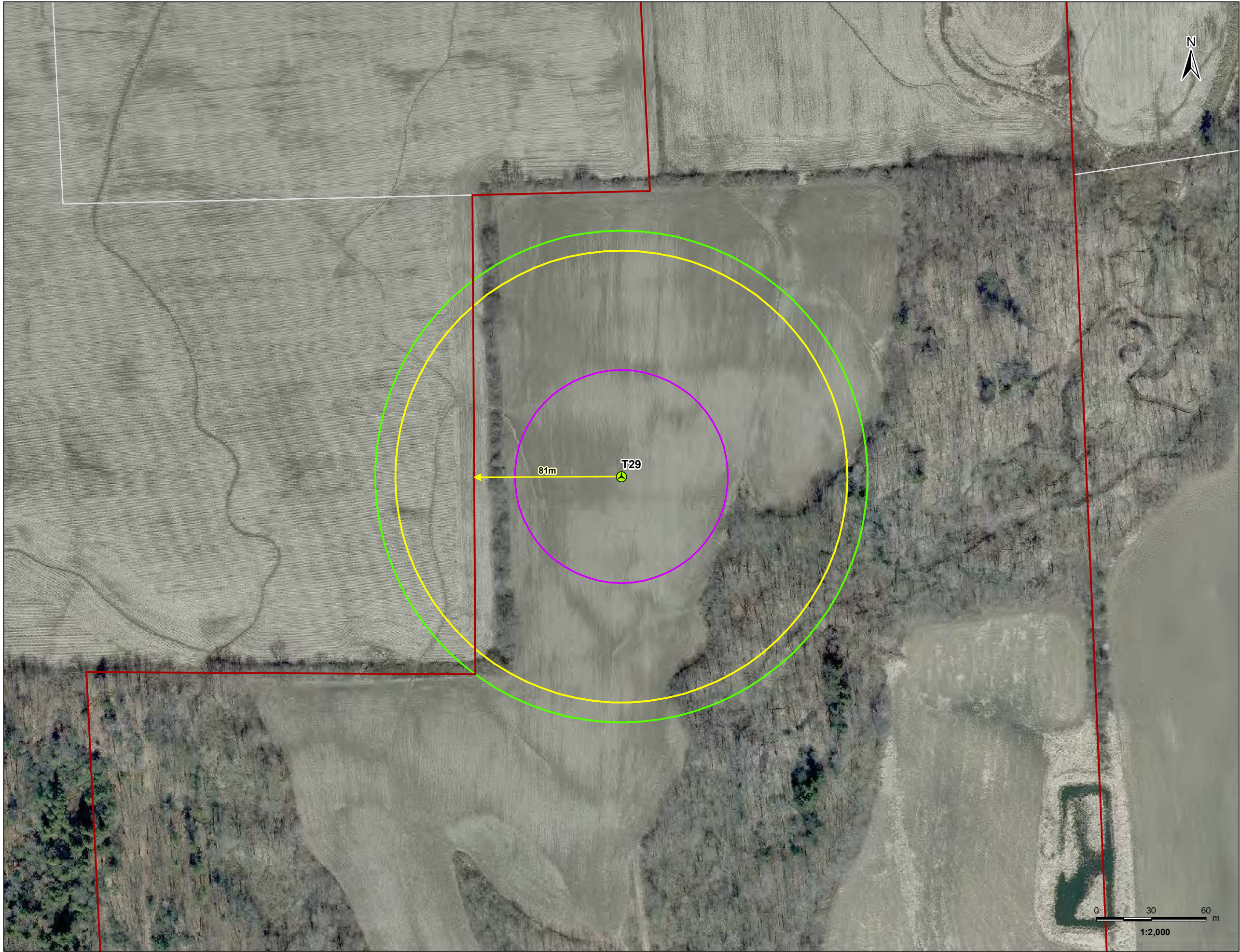
Figure No.

1.25

Title

**Overview Maps for Property
Line Setback Assessment –
T29**

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Legend

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- Road

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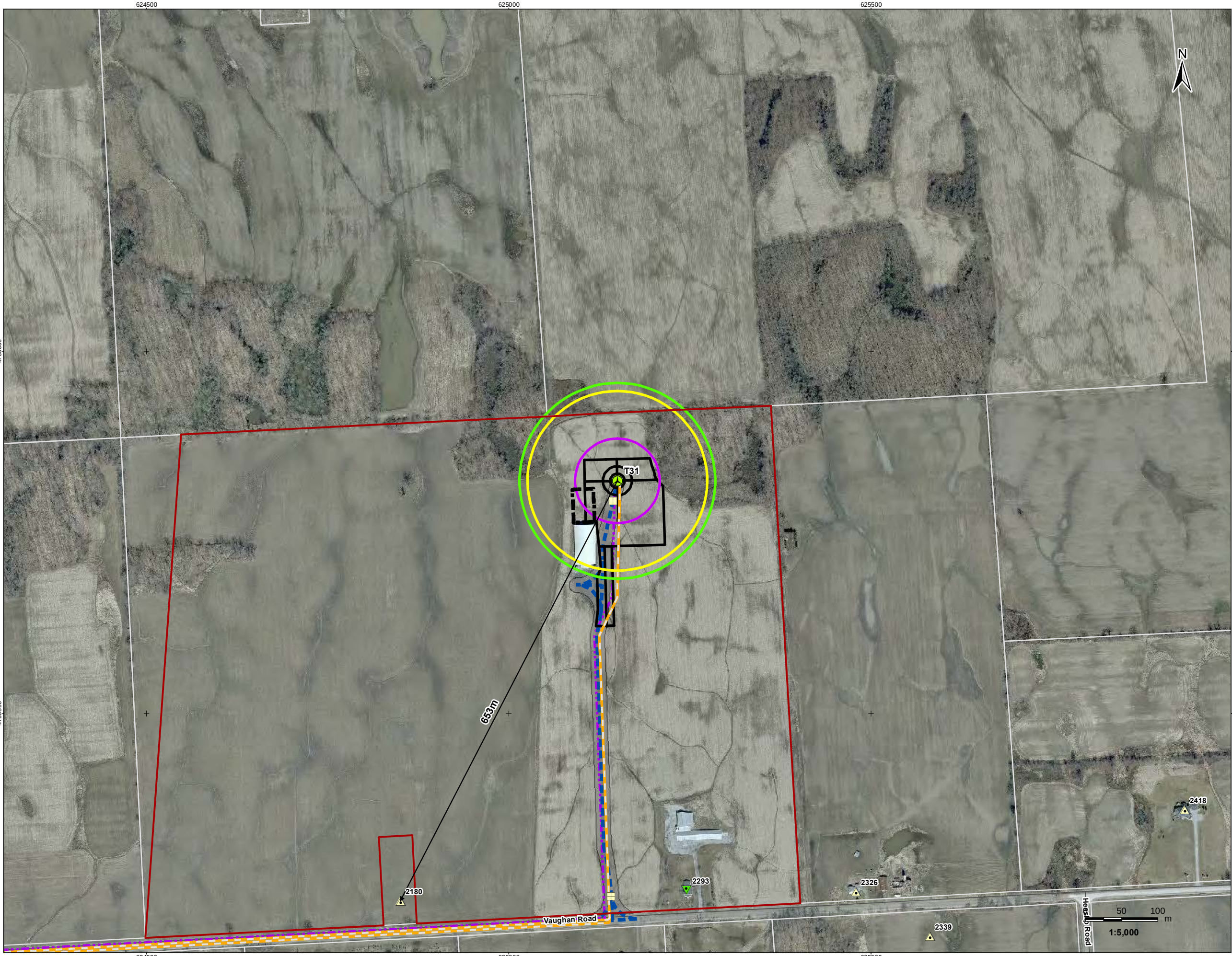
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Figure No.
1.25a

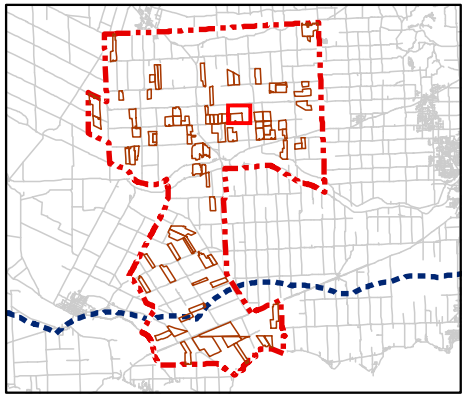
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Property Line Setback – T29**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Property Boundary
- Proposed Turbine Location
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- Turbine 58.6m Buffer (Blade + 10m)
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- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



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Figure No.

1.26

Title

**Overview Maps for Property
Line Setback Assessment –
T31**

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Revised: 2013-03-01 By: bcowper



Legend

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- Participating Receptor
- Railway
- Road

Notes

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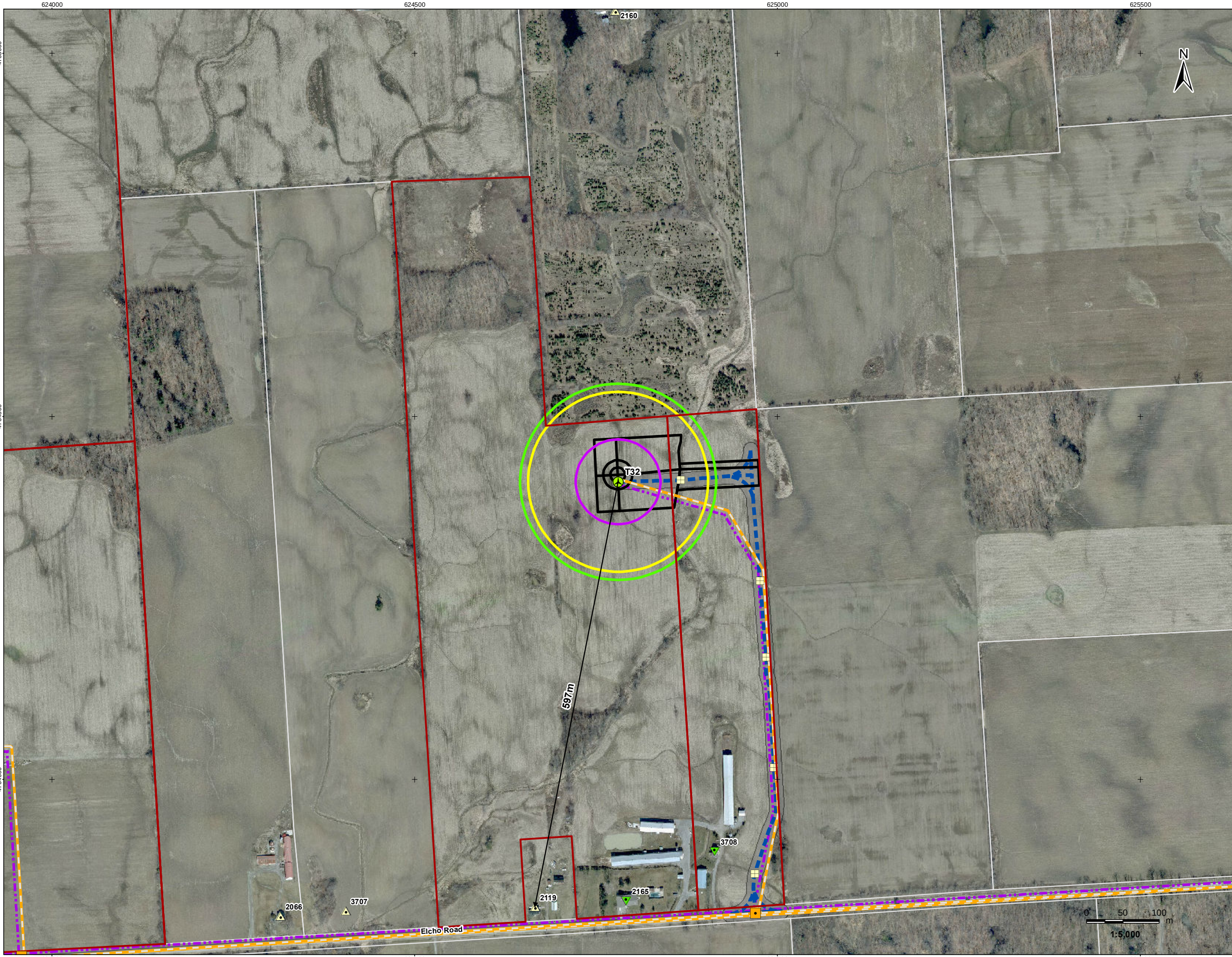
March, 2013
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Figure No.
1.26a

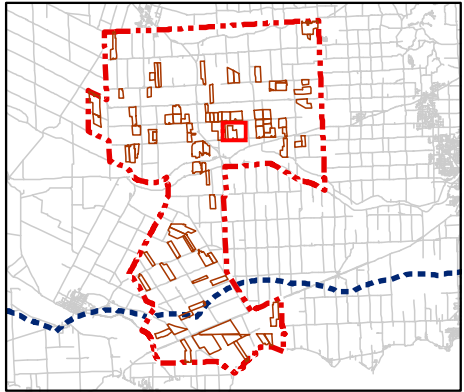
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Property Line Setback – T31**

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Revised: 2013-04-17 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
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Figure No.

1.27

Title

**Overview Maps for Property
Line Setback Assessment –
T32**

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Revised: 2013-04-17 By: bcowper



Legend

- Project Study Area
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- Participating Receptor
- Railway
- Road

Notes

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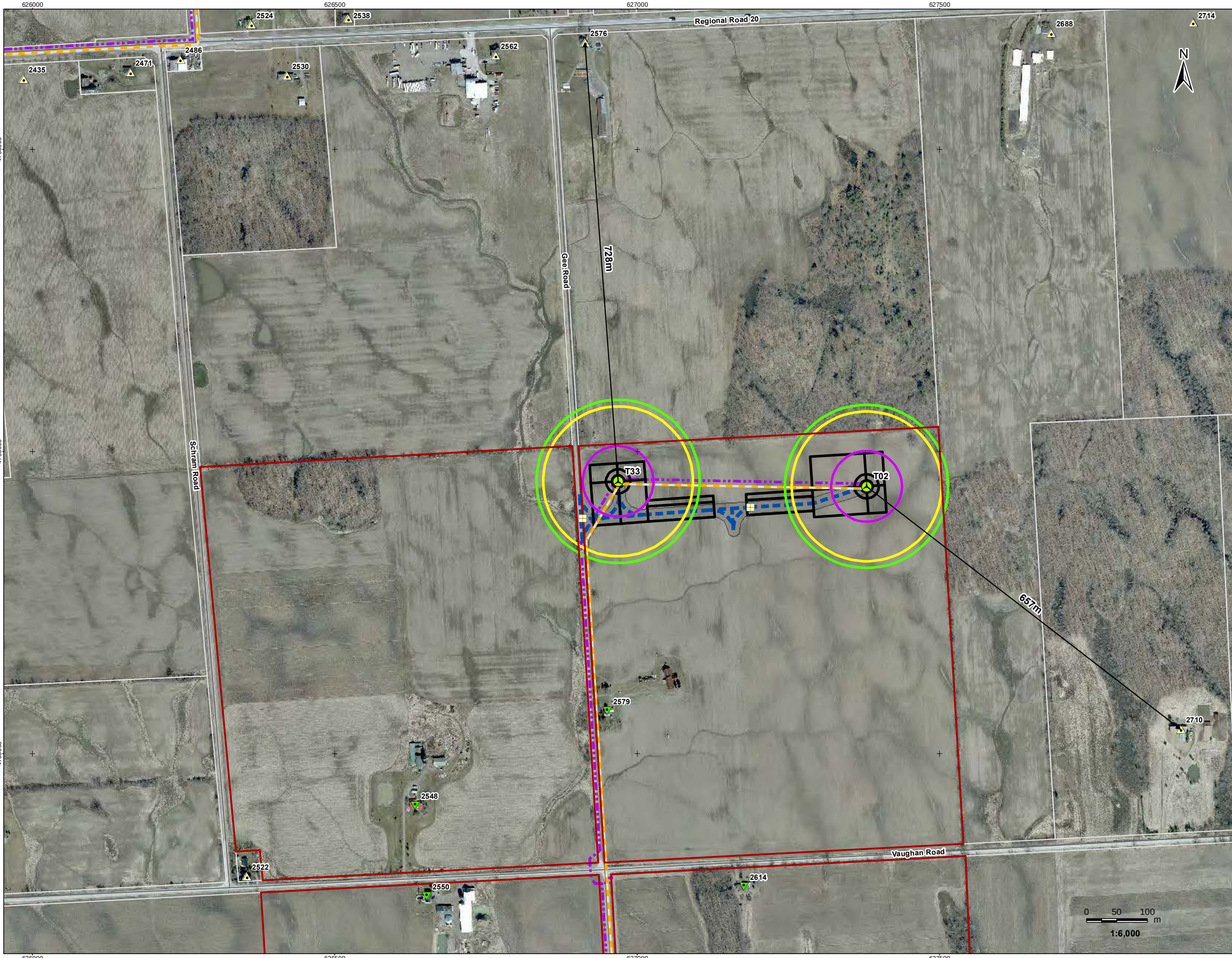
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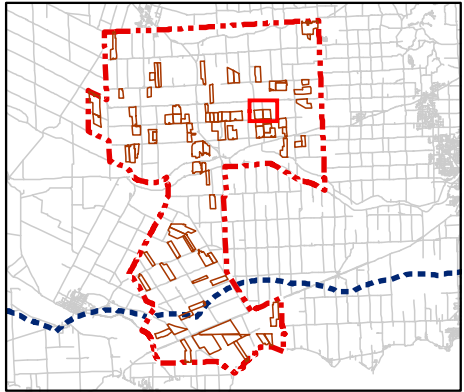
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Property Line Setback – T32**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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Figure No.

1.28

Title

**Overview Maps for Property
Line Setback Assessment –
T33**

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Revised: 2013-03-01 By: bcowper



Legend

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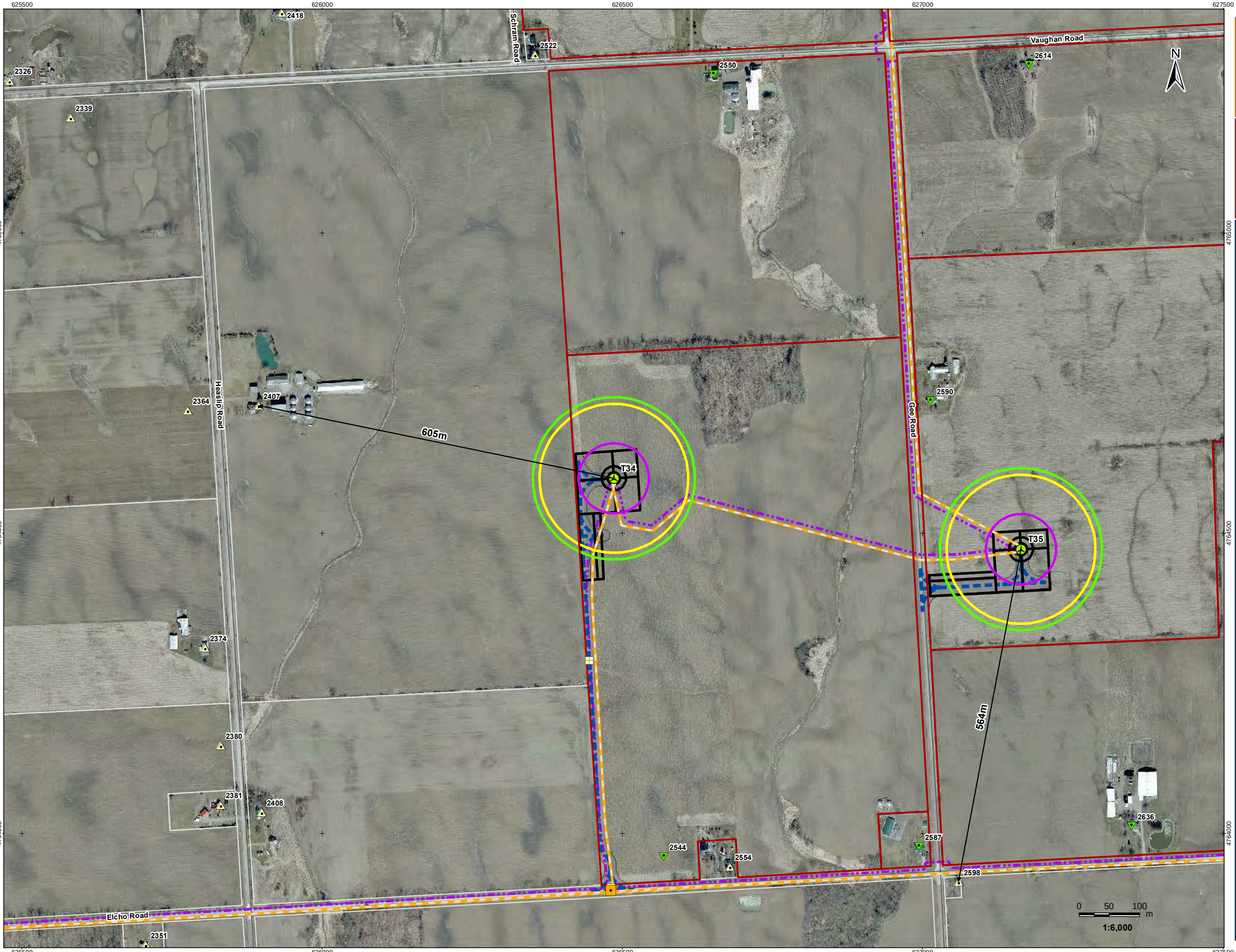
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Figure No.
1.28a

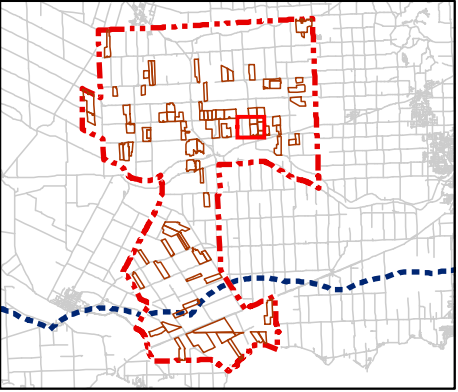
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Property Line Setback – T33**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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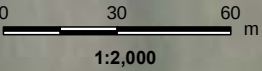
Figure No.

1.29

Title

**Overview Maps for Property
Line Setback Assessment –
T34**

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Revised: 2013-03-01 By: bcowper



Legend

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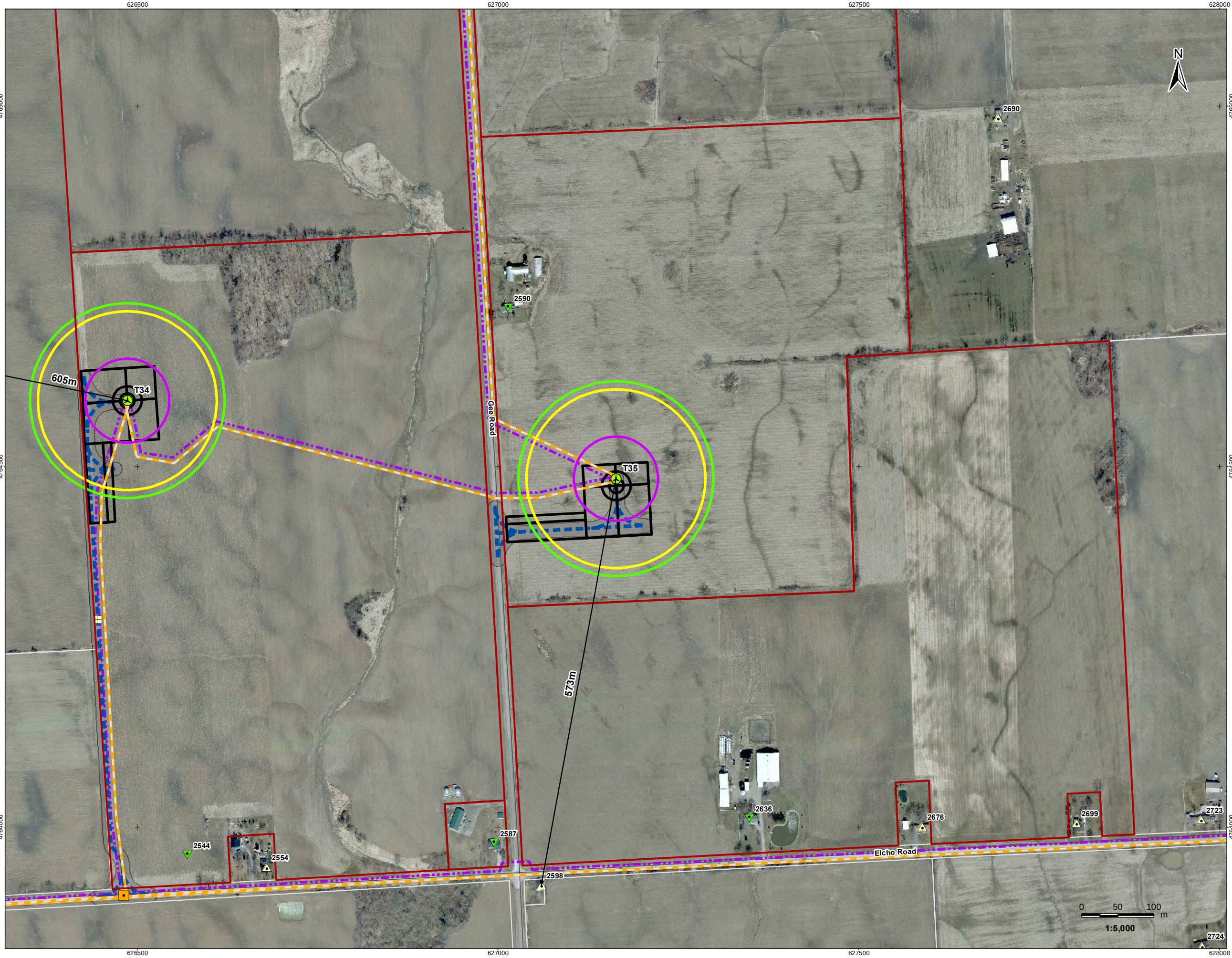
March, 2013
160950269

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Figure No.
1.29a

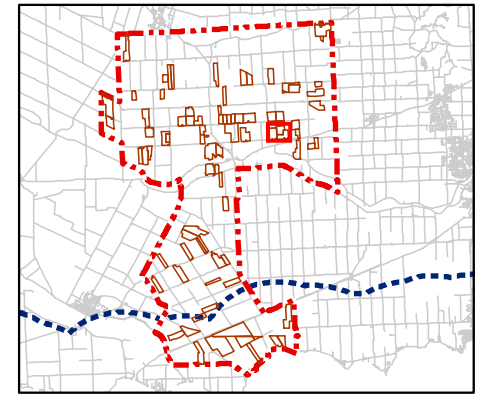
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Property Line Setback – T34**

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Revised: 2013-04-17 By: bcowper



Legend

- Project Study Area
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Niagara Region Wind Farm

Figure No.

1.30

Title

**Overview Maps for Property
Line Setback Assessment –
T35**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-04-17 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
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Figure No.

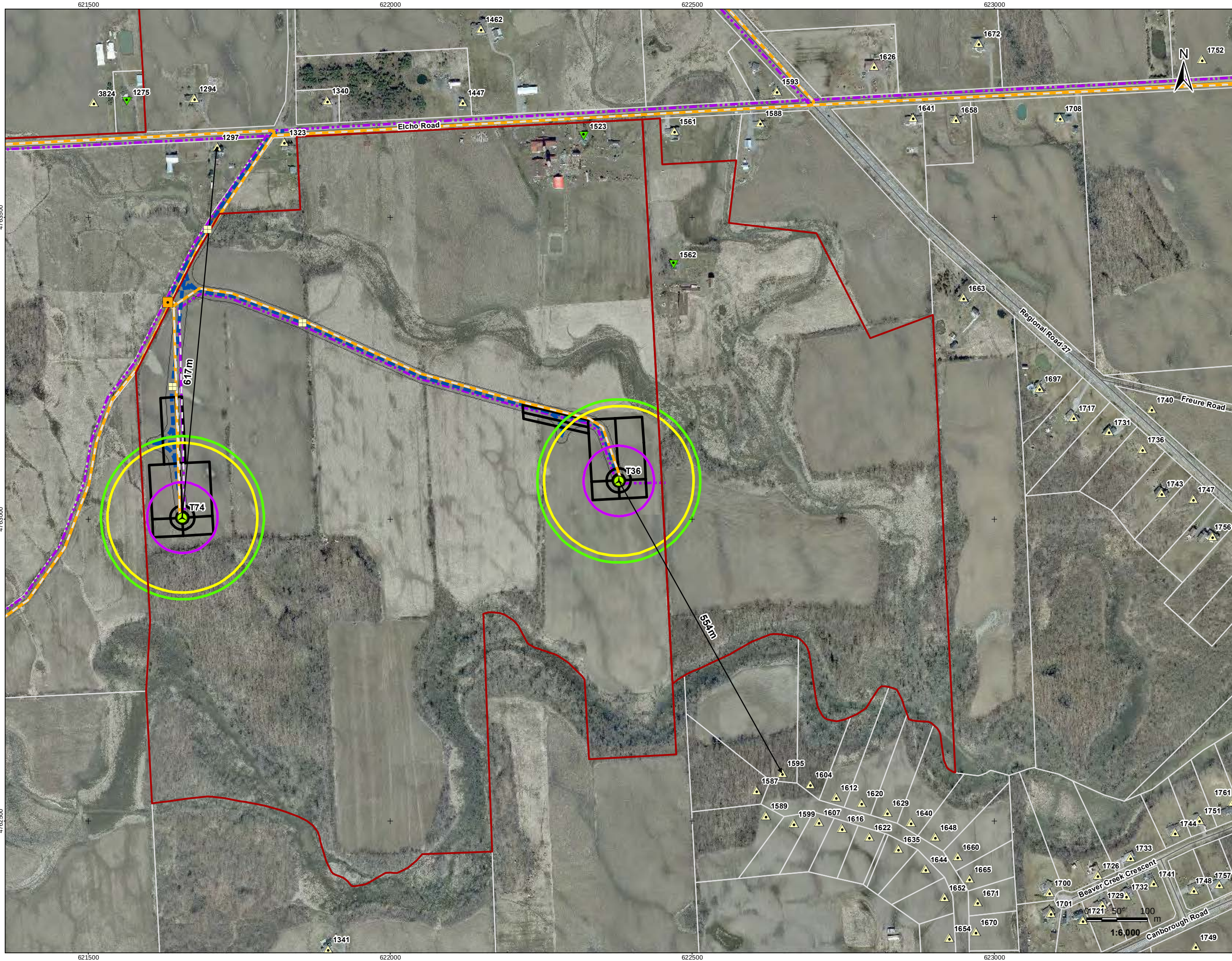
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Title

**Inset Maps for
Property Line Setback – T35**

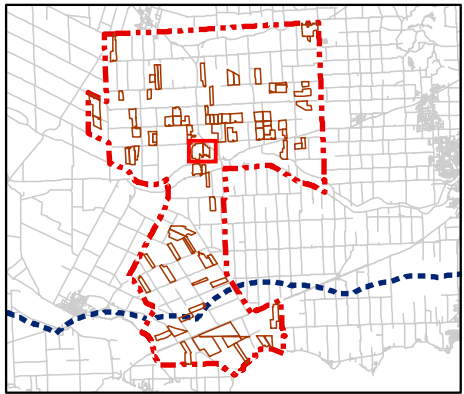
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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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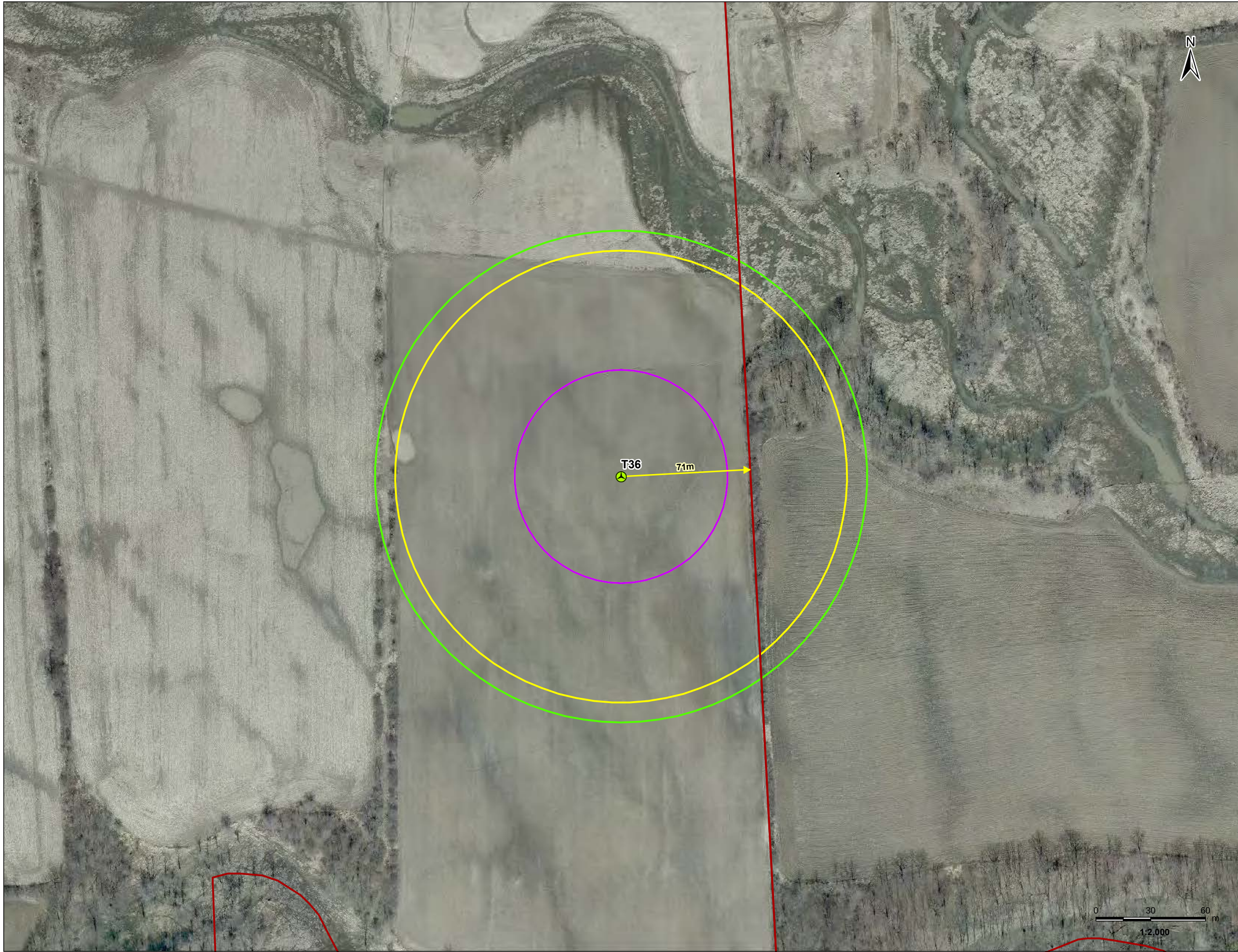
Figure No.

1.31

Title

**Overview Maps for Property
Line Setback Assessment –
T36**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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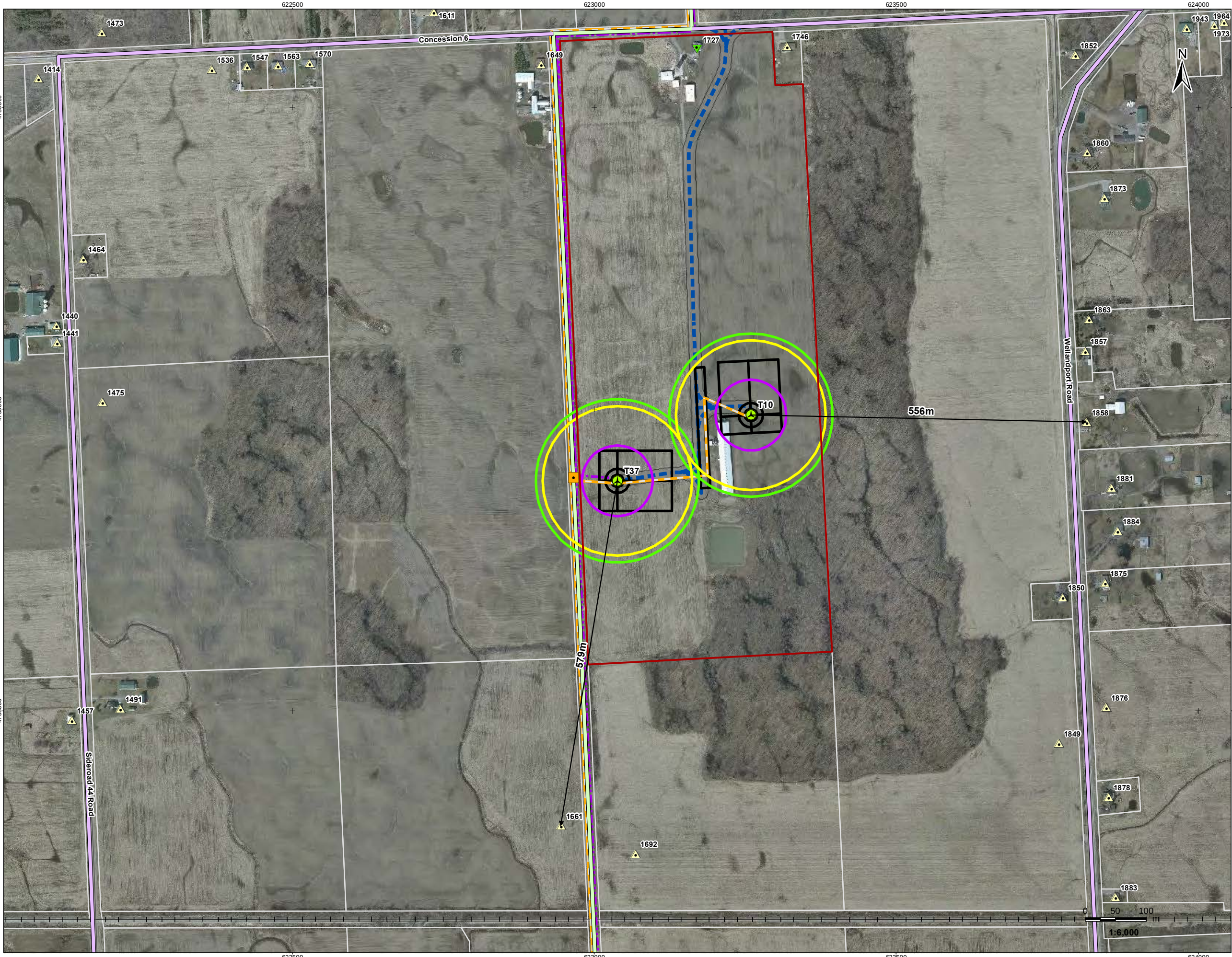
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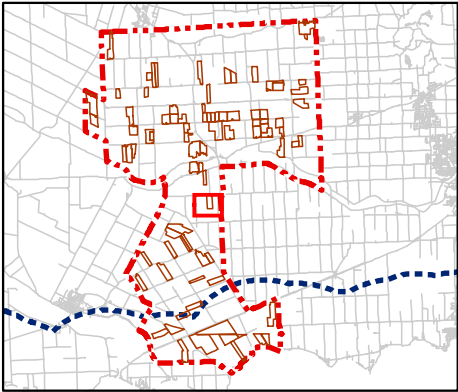
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Property Line Setback – T36**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

1.32

Title

**Overview Maps for Property
Line Setback Assessment –
T37**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
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- Turbine 135m Buffer (Hub Height)
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- Participating Receptor
- Railway
- Road

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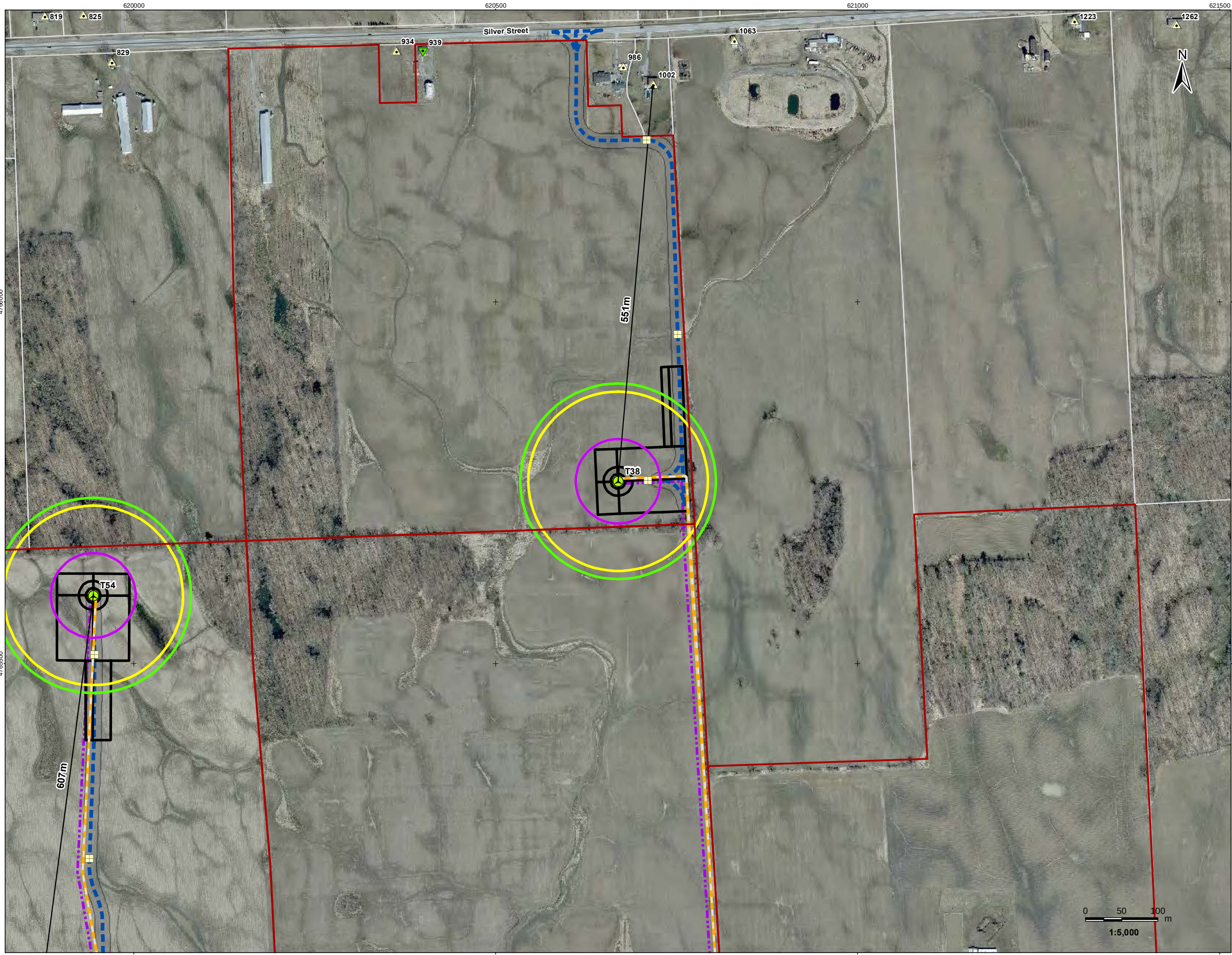
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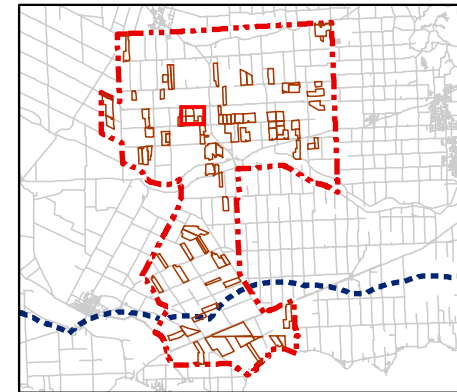
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Property Line Setback – T37**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
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- Alternate Transmission Route
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- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



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Figure No.

1.33

Title

**Overview Maps for Property
Line Setback Assessment –
T38**

0 50 100 m
1:5,000

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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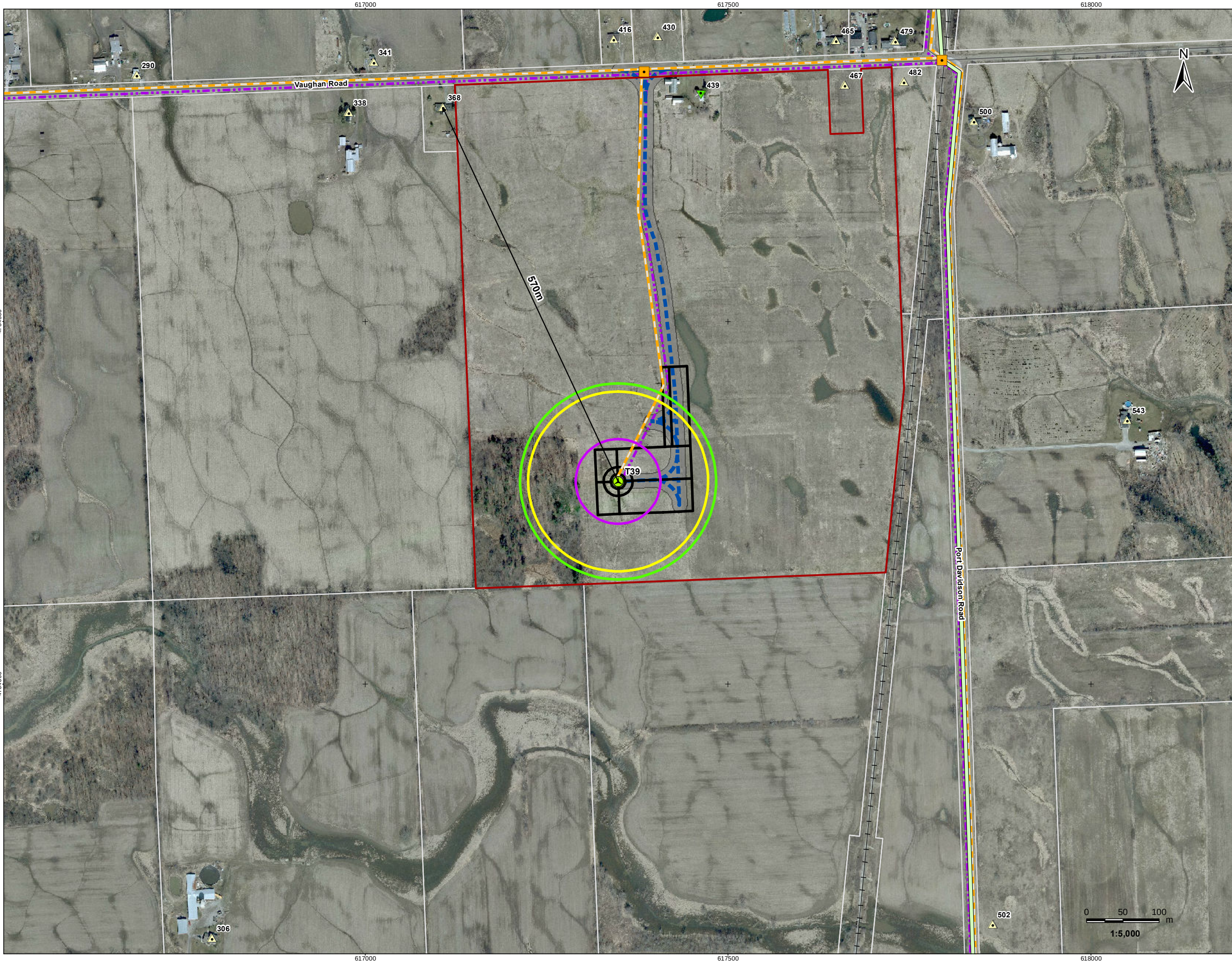
March, 2013
160950269

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Niagara Region Wind Corporation
Niagara Region Wind Farm

Figure No.
1.33a

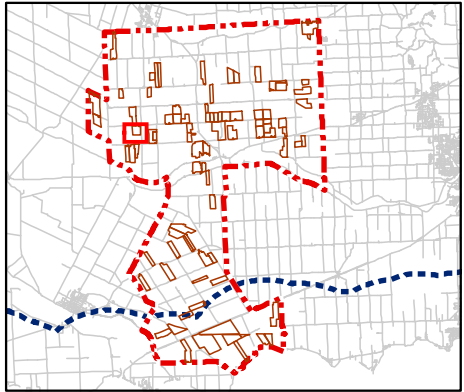
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Property Line Setback – T38**

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Revised: 2013-04-18 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

1.34

Title

**Overview Maps for Property
Line Setback Assessment –
T39**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
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- Turbine 135m Buffer (Hub Height)
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- Participating Receptor
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- Road

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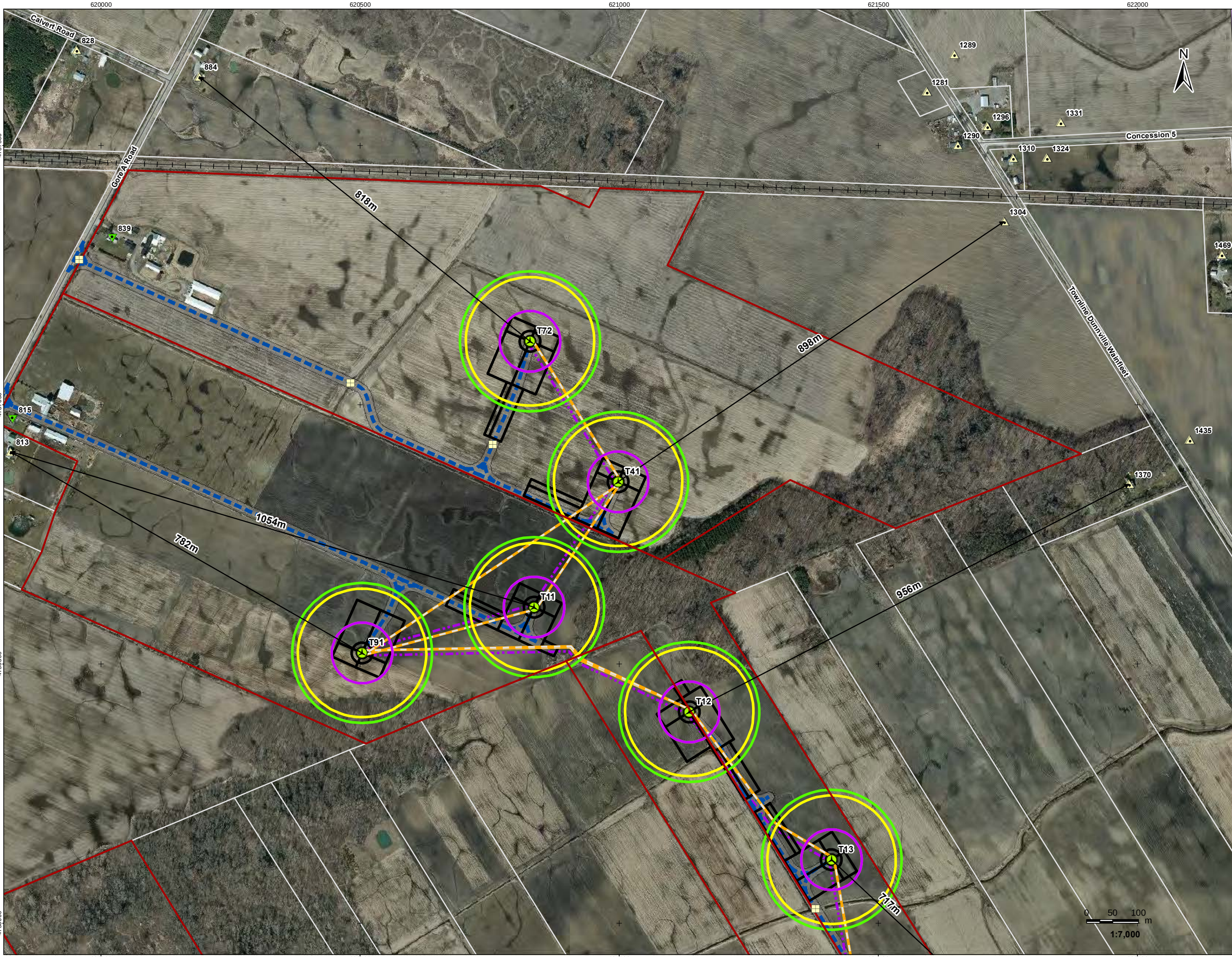
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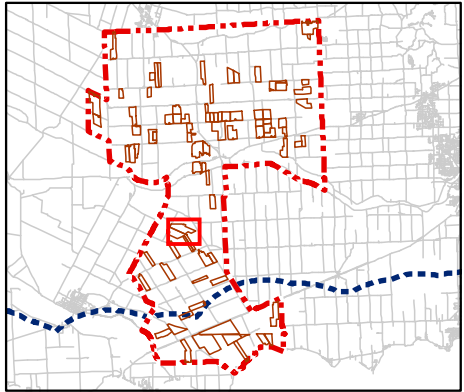
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Property Line Setback – T39**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
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- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

1.35

Title

**Overview Maps for Property
Line Setback Assessment –
T41**

0 50 100 m
1:7,000

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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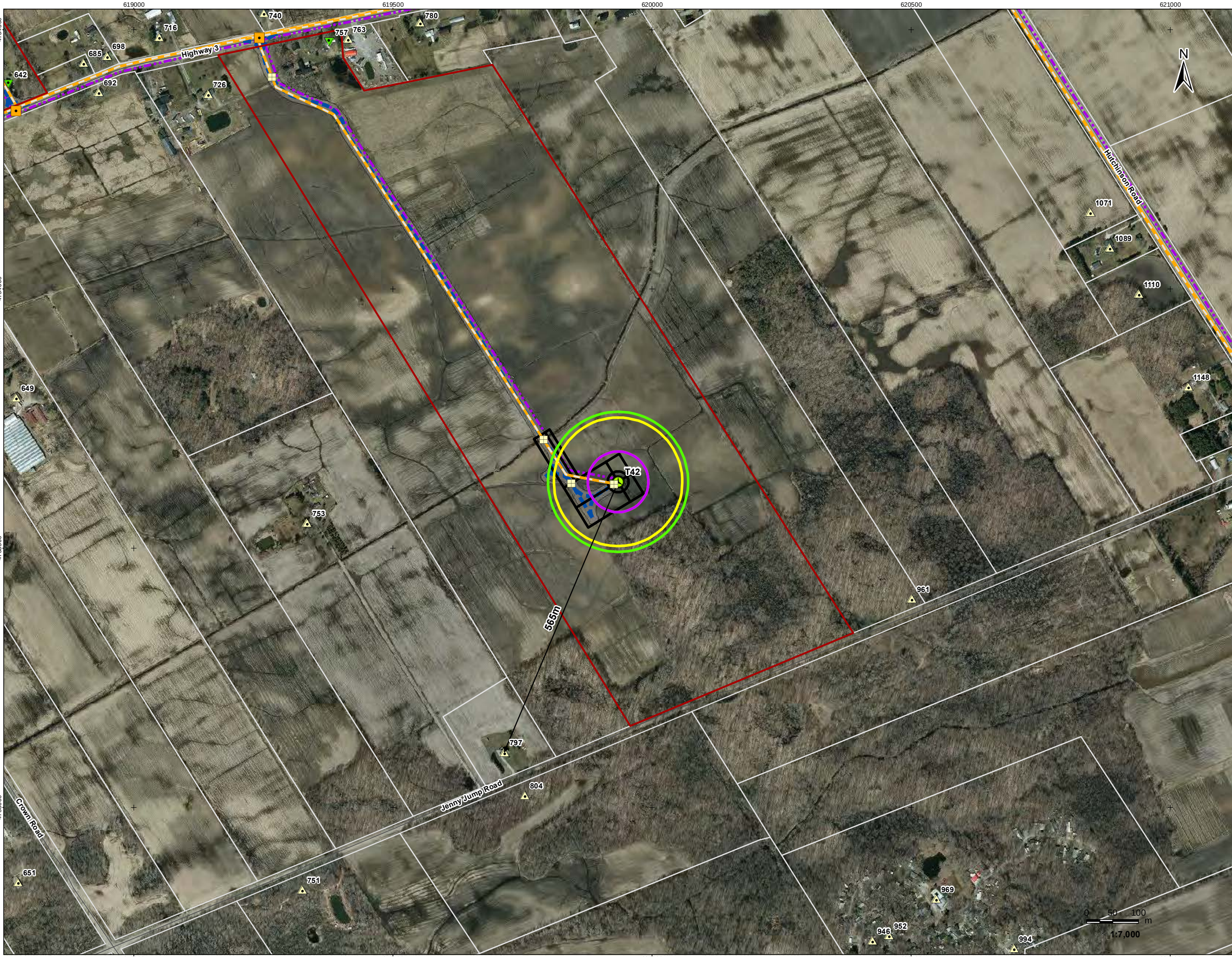
Figure No.

1.35a

Title

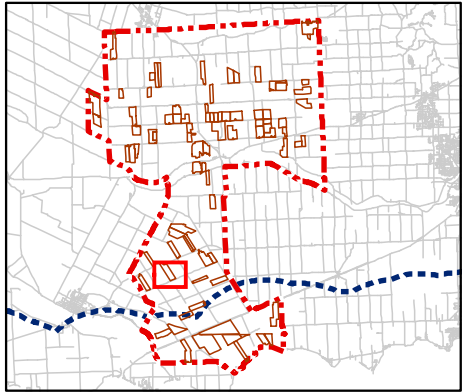
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Property Line Setback – T41**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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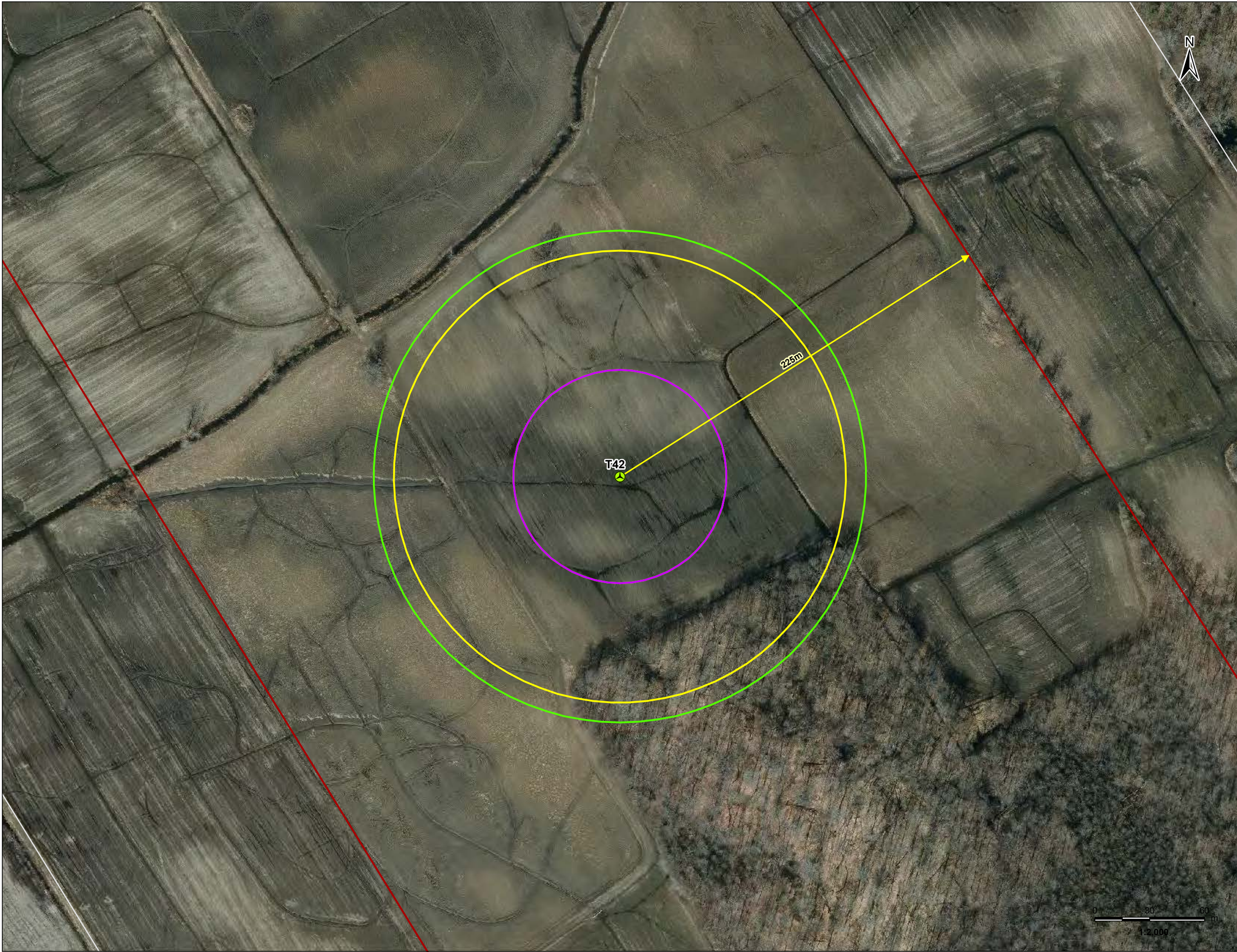
Figure No.

1.36

Title

**Overview Maps for Property
Line Setback Assessment –
T42**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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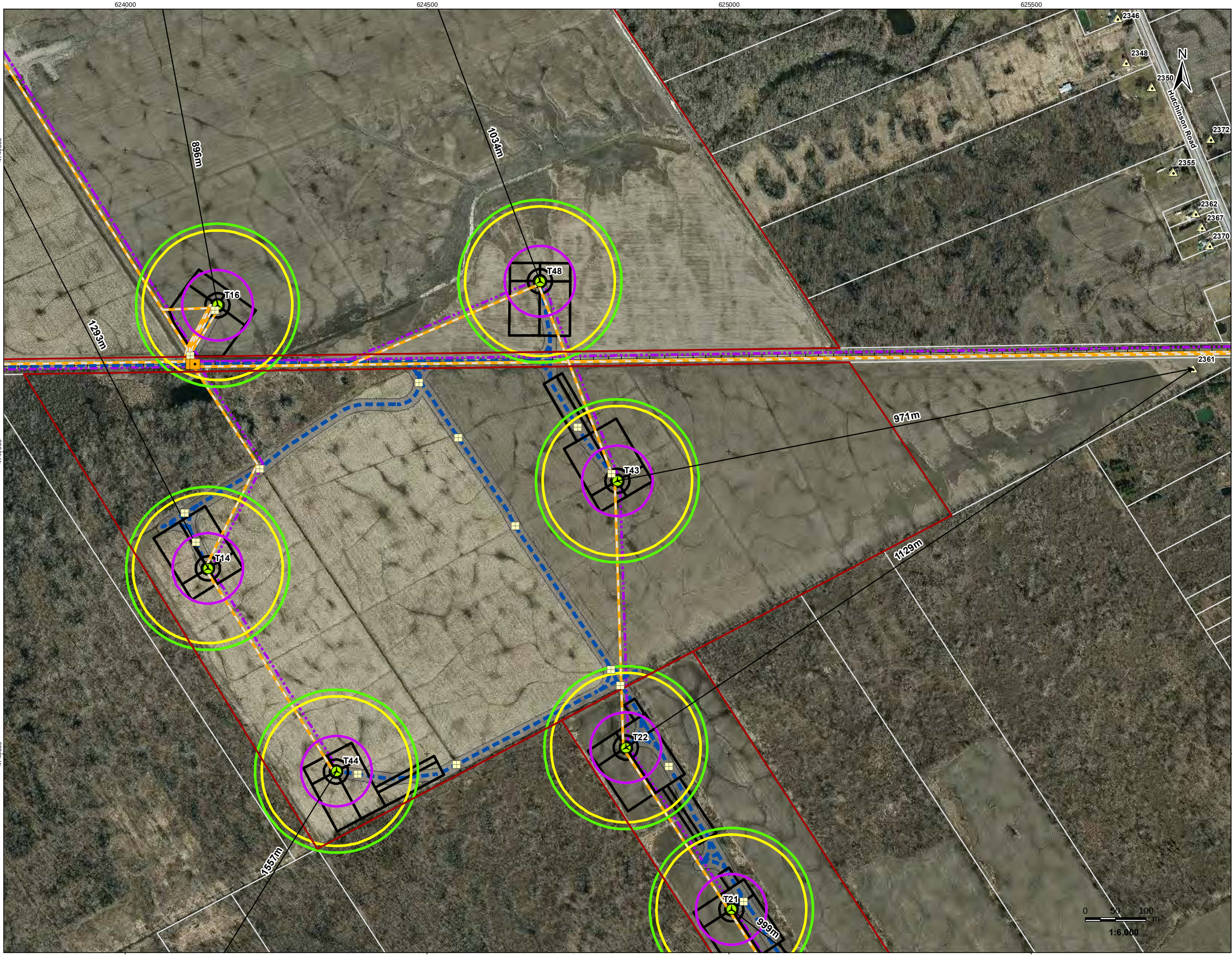
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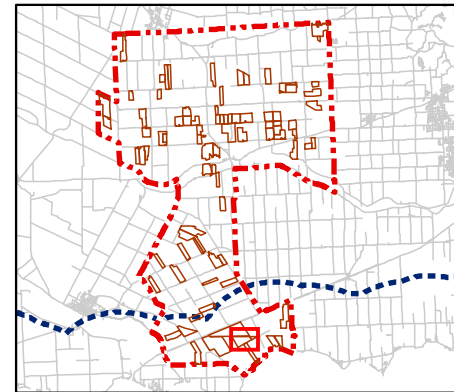
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Property Line Setback – T42**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

1.37

Title

**Overview Maps for Property
Line Setback Assessment –
T43**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

- Coordinate System: NAD 1983 UTM Zone 17N).
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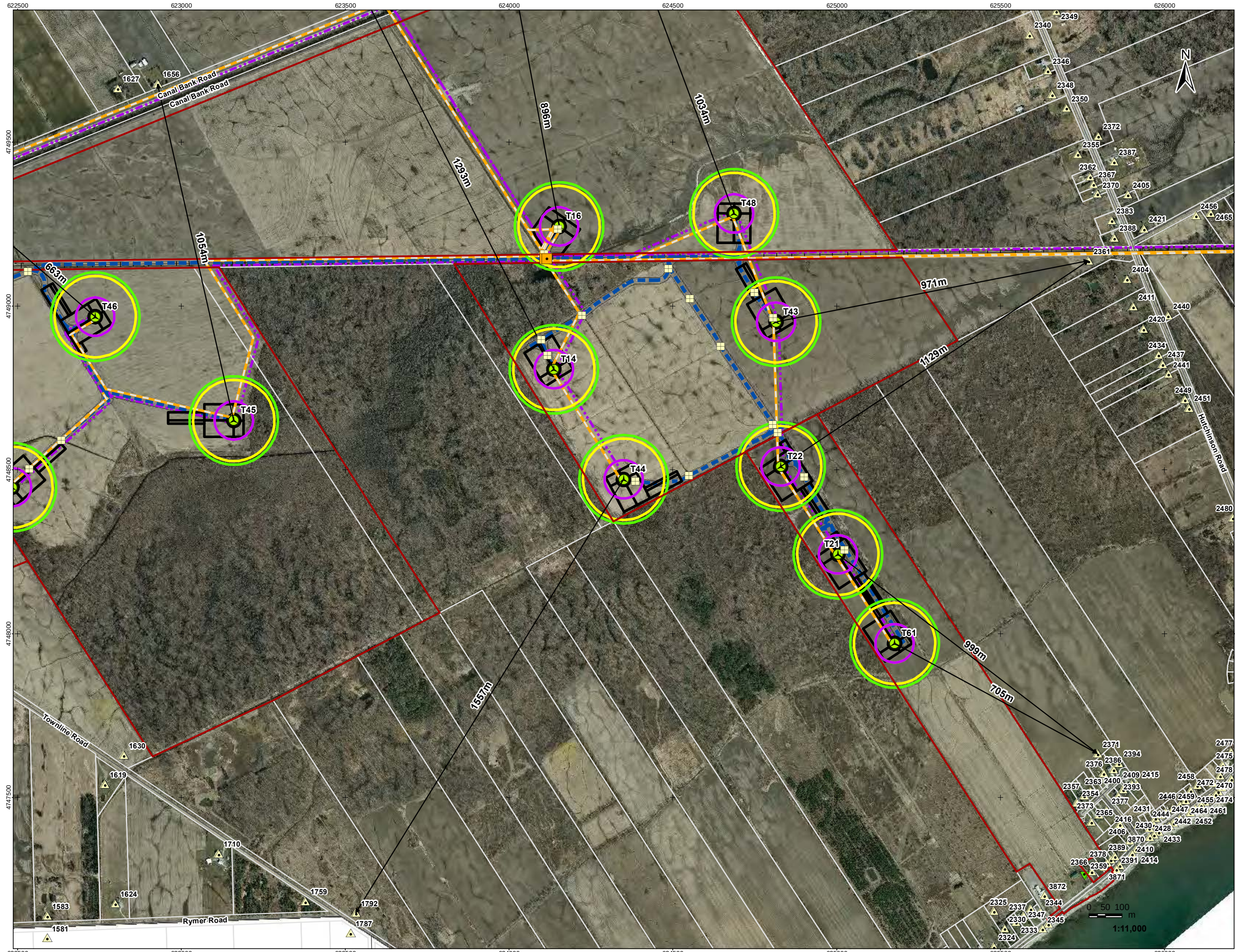
March, 2013
160950269

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Niagara Region Wind Farm

Figure No.
1.37a

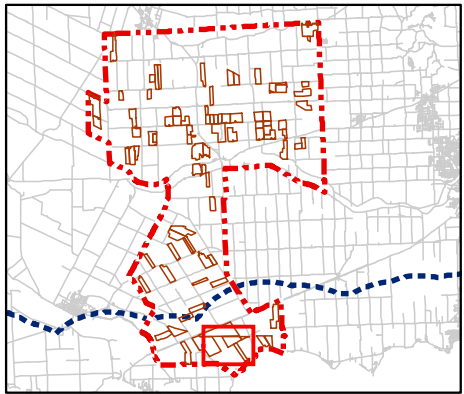
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Property Line Setback – T43**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
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- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

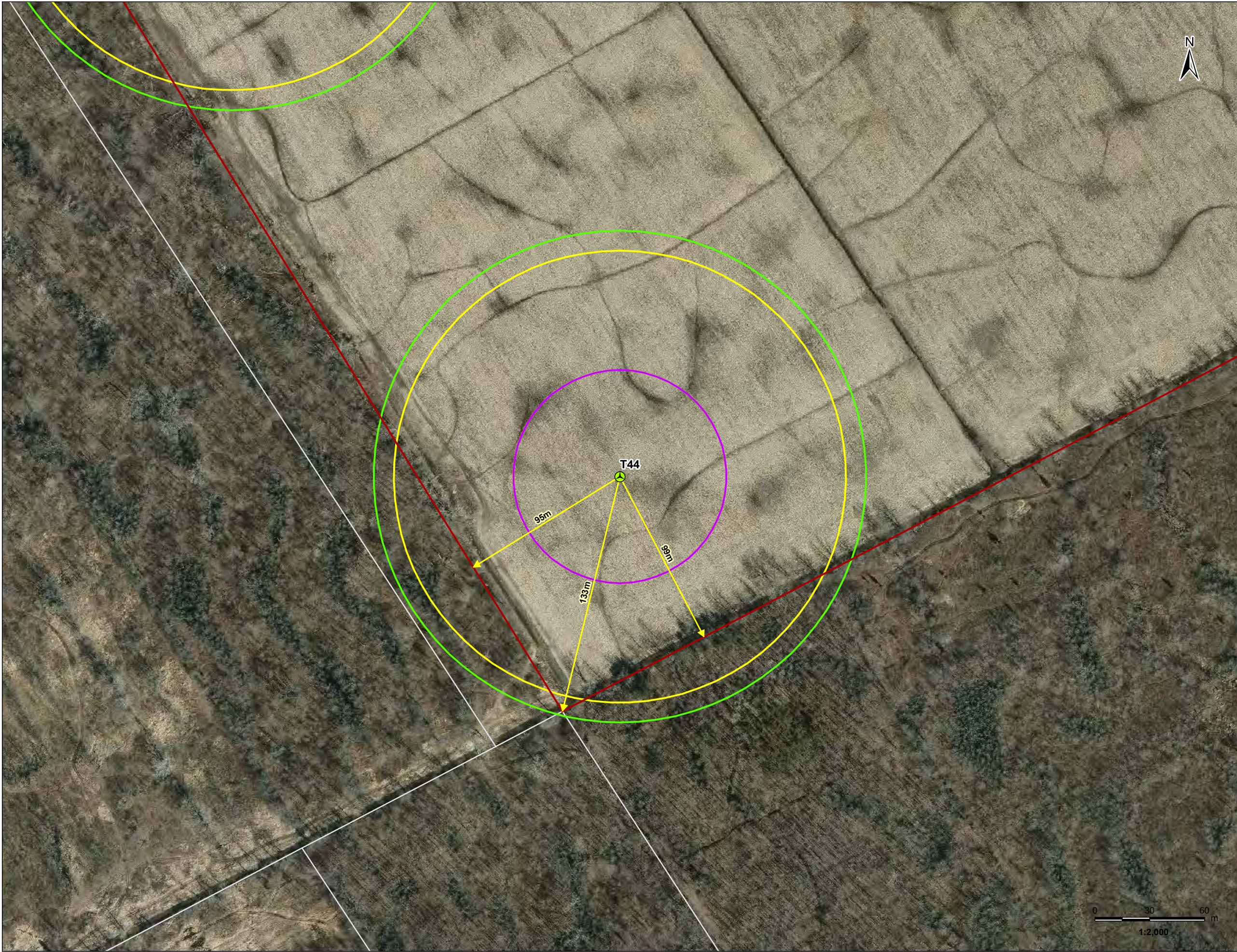
1.38

Title

**Overview Maps for Property
Line Setback Assessment –
T44**

0 50 100
m
1:11,000

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Property Boundary
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- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N).
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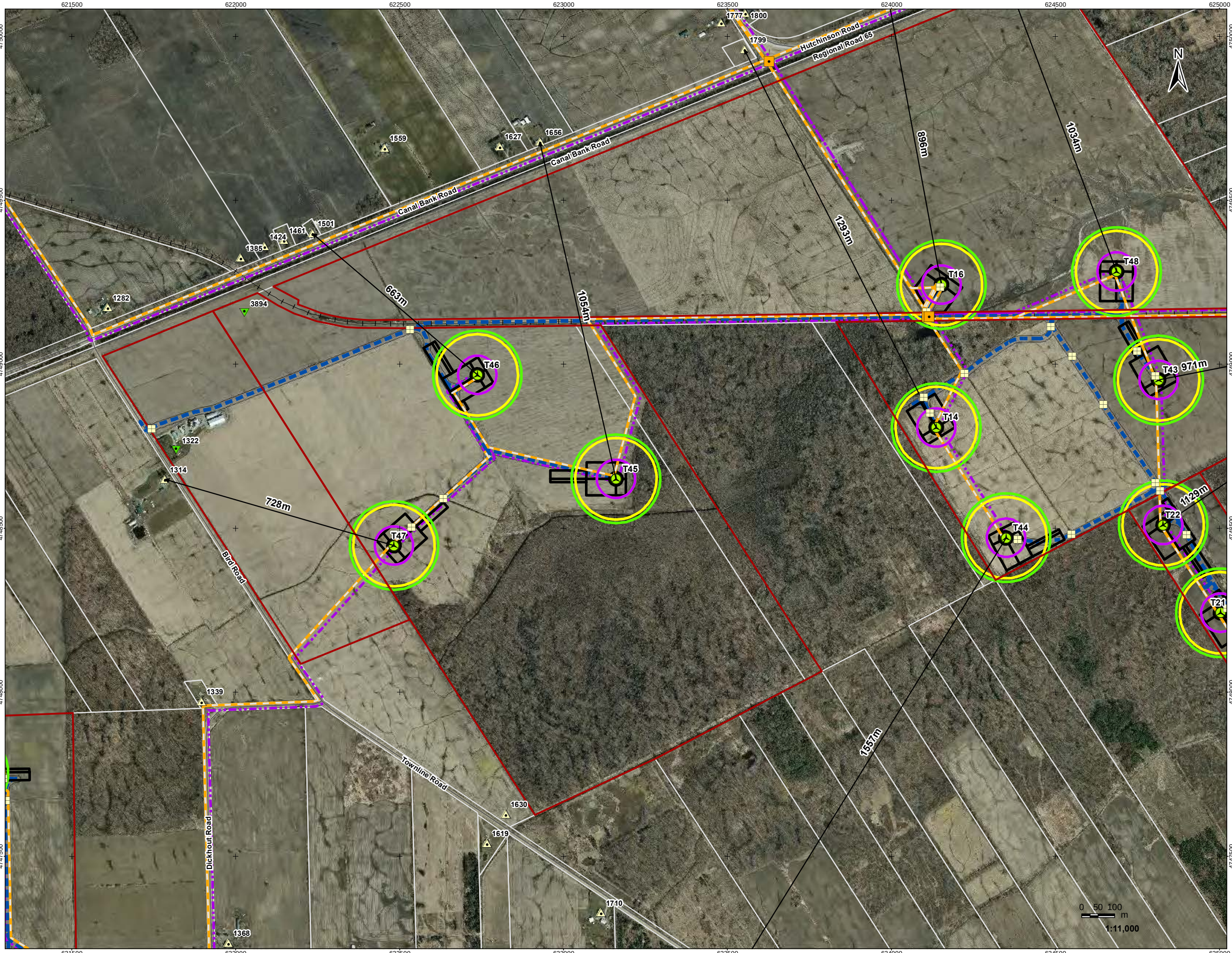
March, 2013
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Figure No.
1.38a

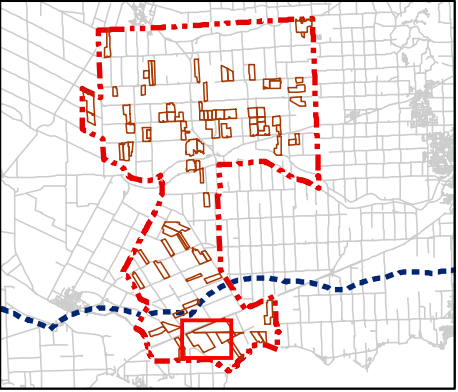
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Property Line Setback – T44**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
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- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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Figure No.

1.39

Title

**Overview Maps for Property
Line Setback Assessment –
T45**

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
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- Road

Notes

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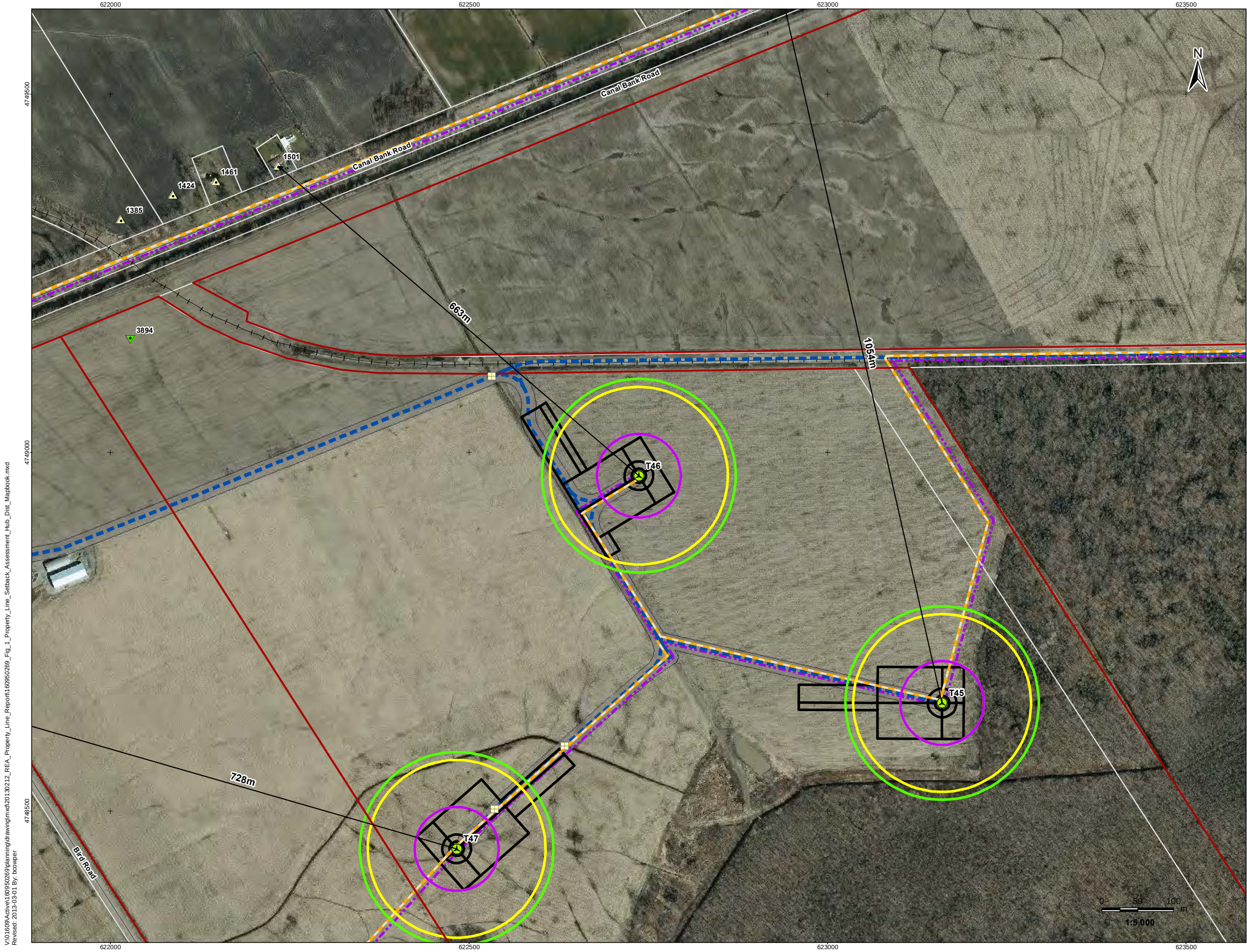
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Niagara Region Wind Farm

Figure No.

1.39a

Title

**Inset Maps for
Property Line Setback – T45**



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Revised: 2013-03-01 By: bcowper

Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Preferred Transmission Line Route
- Alternate Transmission Route
- Potential Access Road
- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area

Notes

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Figure No.

1.40

Title

Overview Maps for Property
Line Setback Assessment –
T46

V:\01609\Active\160950269\Planning\Drawing\mxd\20130212_REA_Property_Line_Report\160950269_Fig_1a_Property_Line_Setback_Assessment_Hub_Inset_Mapbook.mxd
Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
- Railway
- Road

Notes

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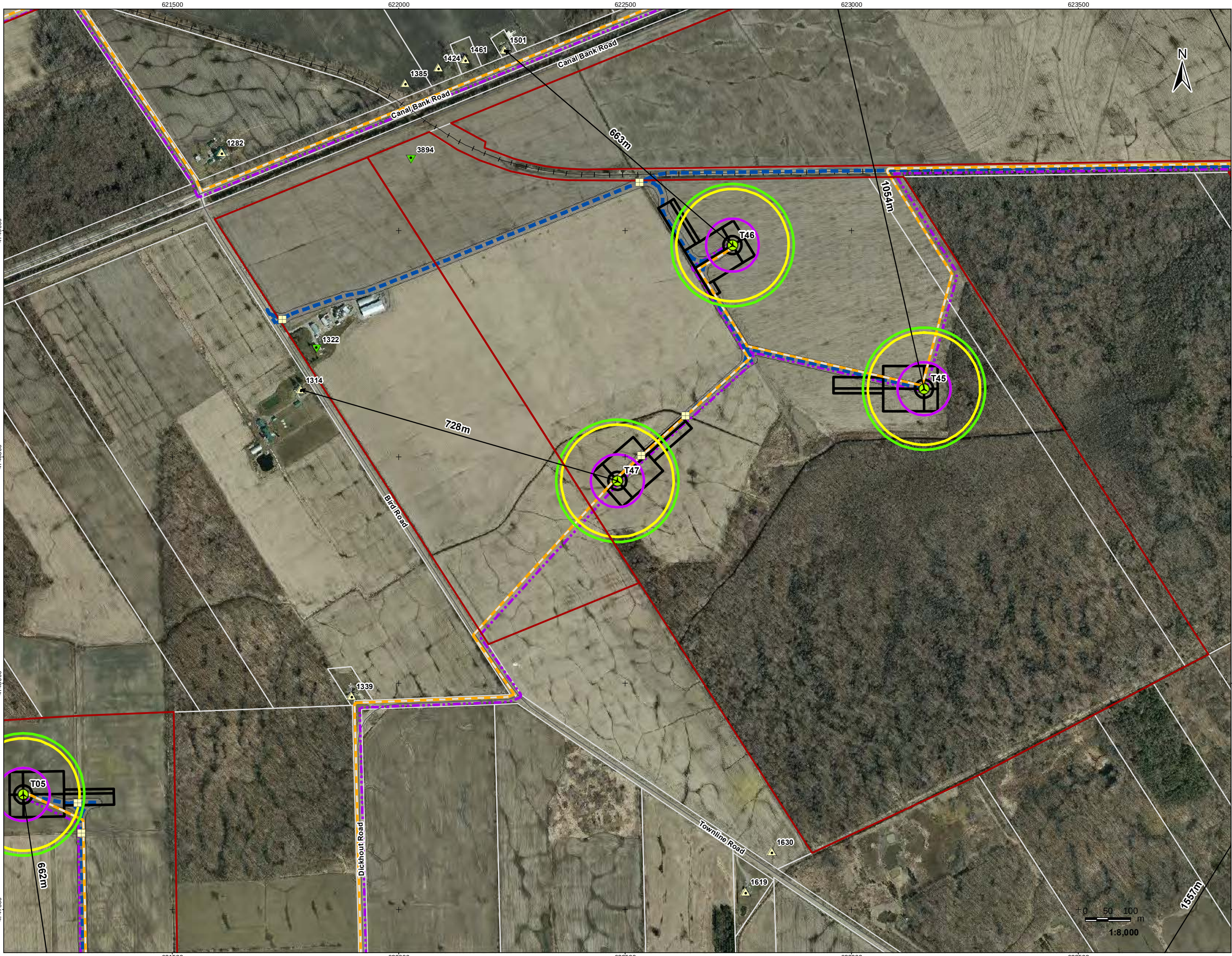
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Niagara Region Wind Farm

Figure No.
1.40a

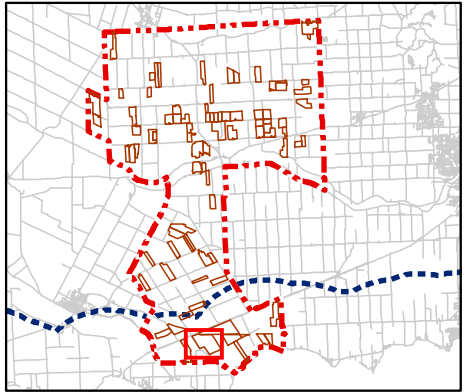
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**Inset Maps for
Property Line Setback – T46**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
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- Access Road 20m Construction Area



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Figure No.

1.41

Title

**Overview Maps for Property
Line Setback Assessment –
T47**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
- Non-Participating Receptor
- Participating Receptor
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- Road

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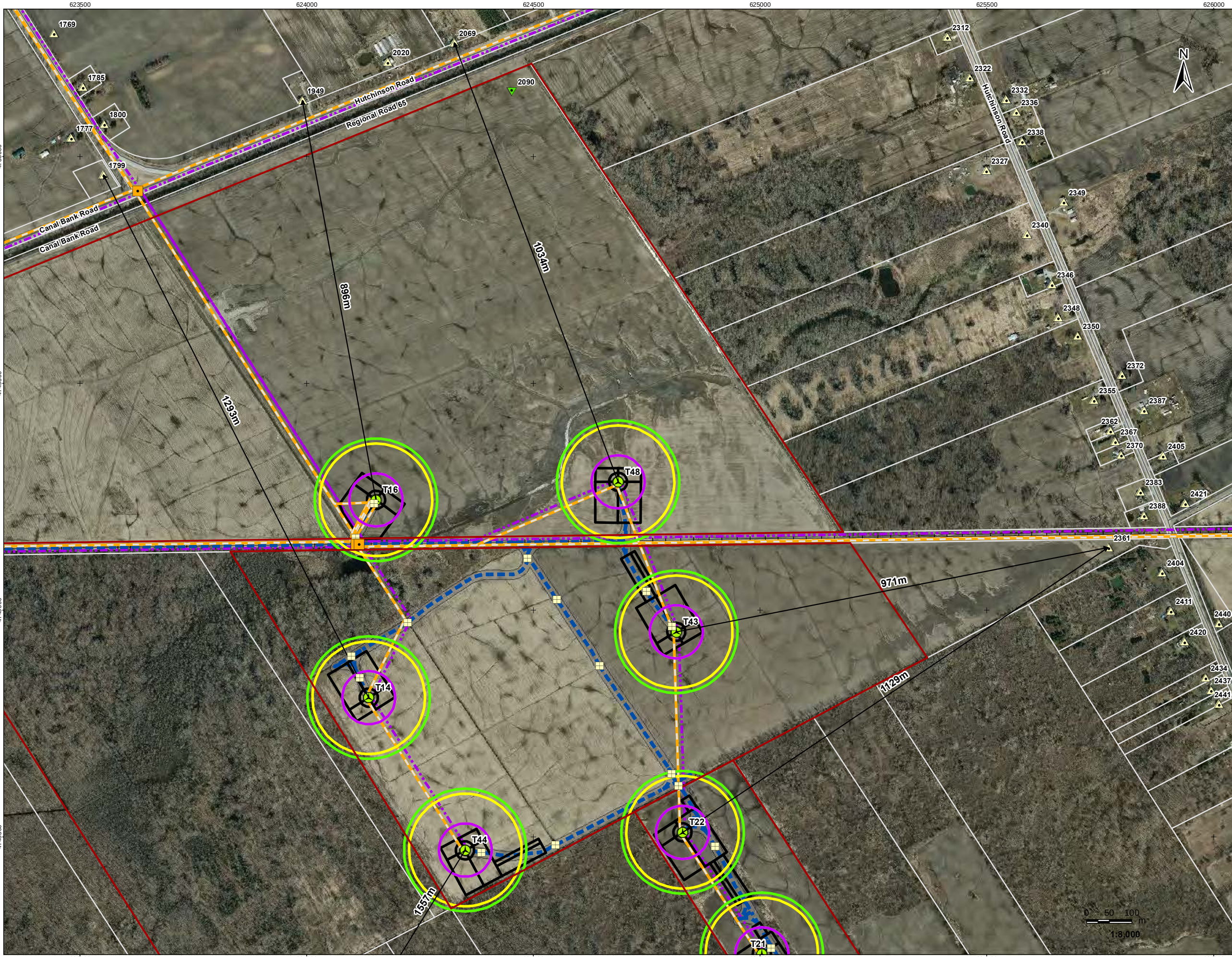
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1.41a

Title

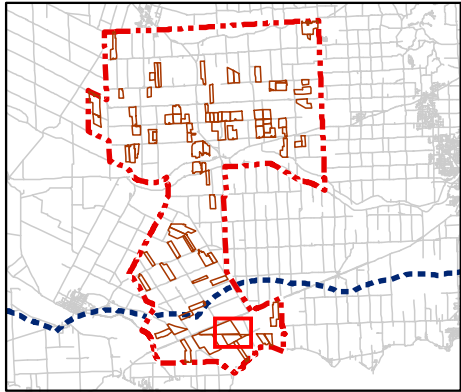
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Property Line Setback – T47**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
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- Turbine 58.6m Buffer (Blade + 10m)
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- Temporary Laydown Area
- Access Road 20m Construction Area



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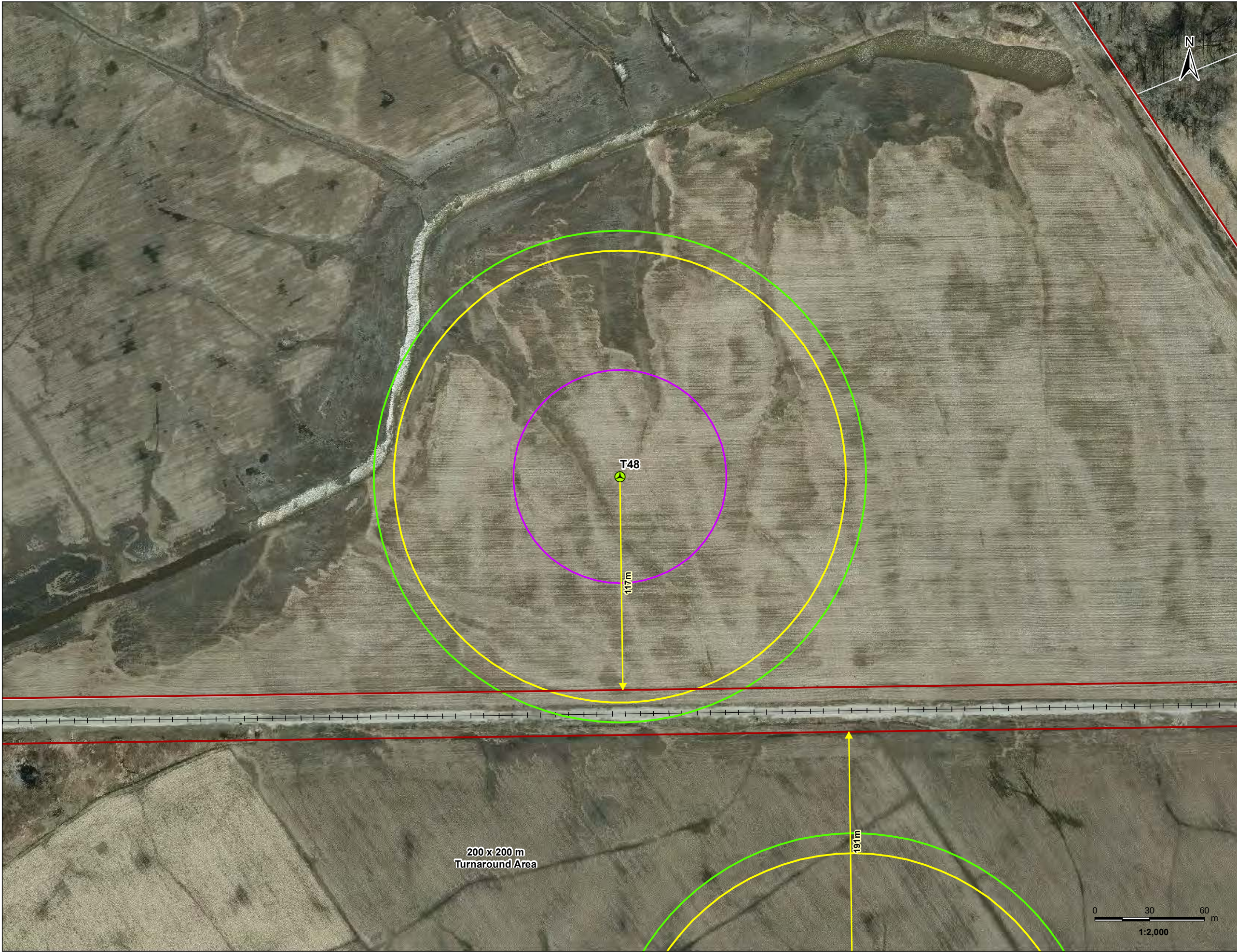
Figure No.

1.42

Title

**Overview Maps for Property
Line Setback Assessment –
T48**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
- Proposed Turbine Location
- Distance to Property Boundary
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
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- Participating Receptor
- Railway
- Road

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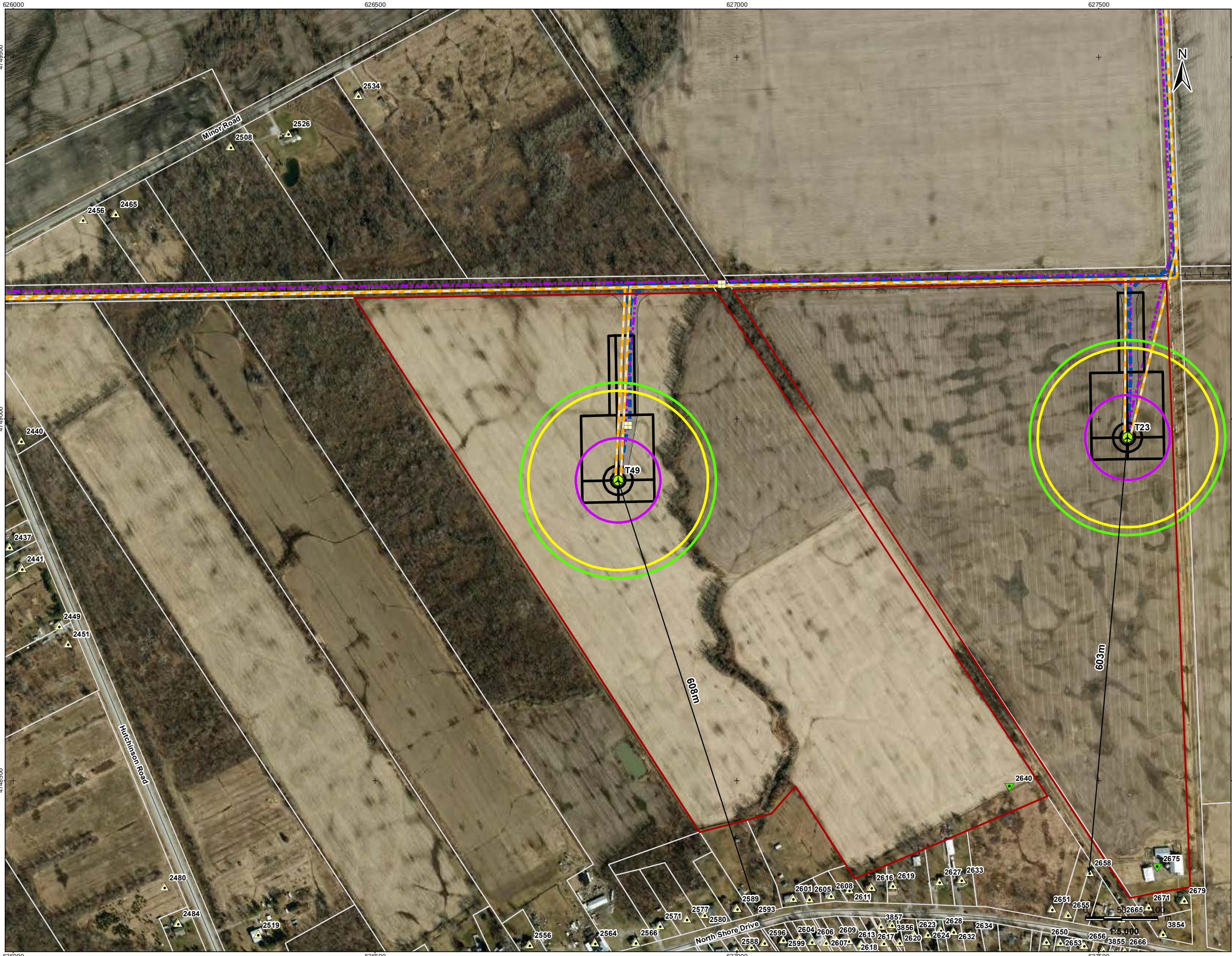
Figure No.

1.42a

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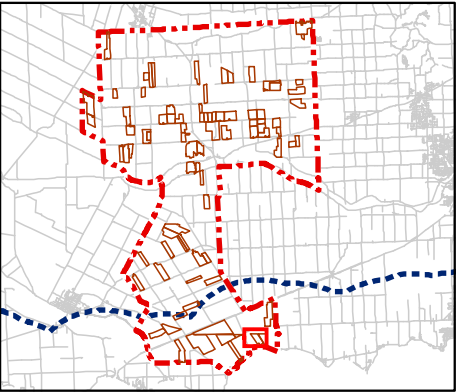
**Inset Maps for
Property Line Setback – T48**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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- Junction Box
- Proposed Culvert
- Turbine 58.6m Buffer (Blade + 10m)
- Turbine 124m Buffer (Hub Height)
- Turbine 135m Buffer (Hub Height)
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- Collector Lines - Underground or Overhead
- Fibre Optic Line
- Temporary Laydown Area
- Access Road 20m Construction Area



Notes

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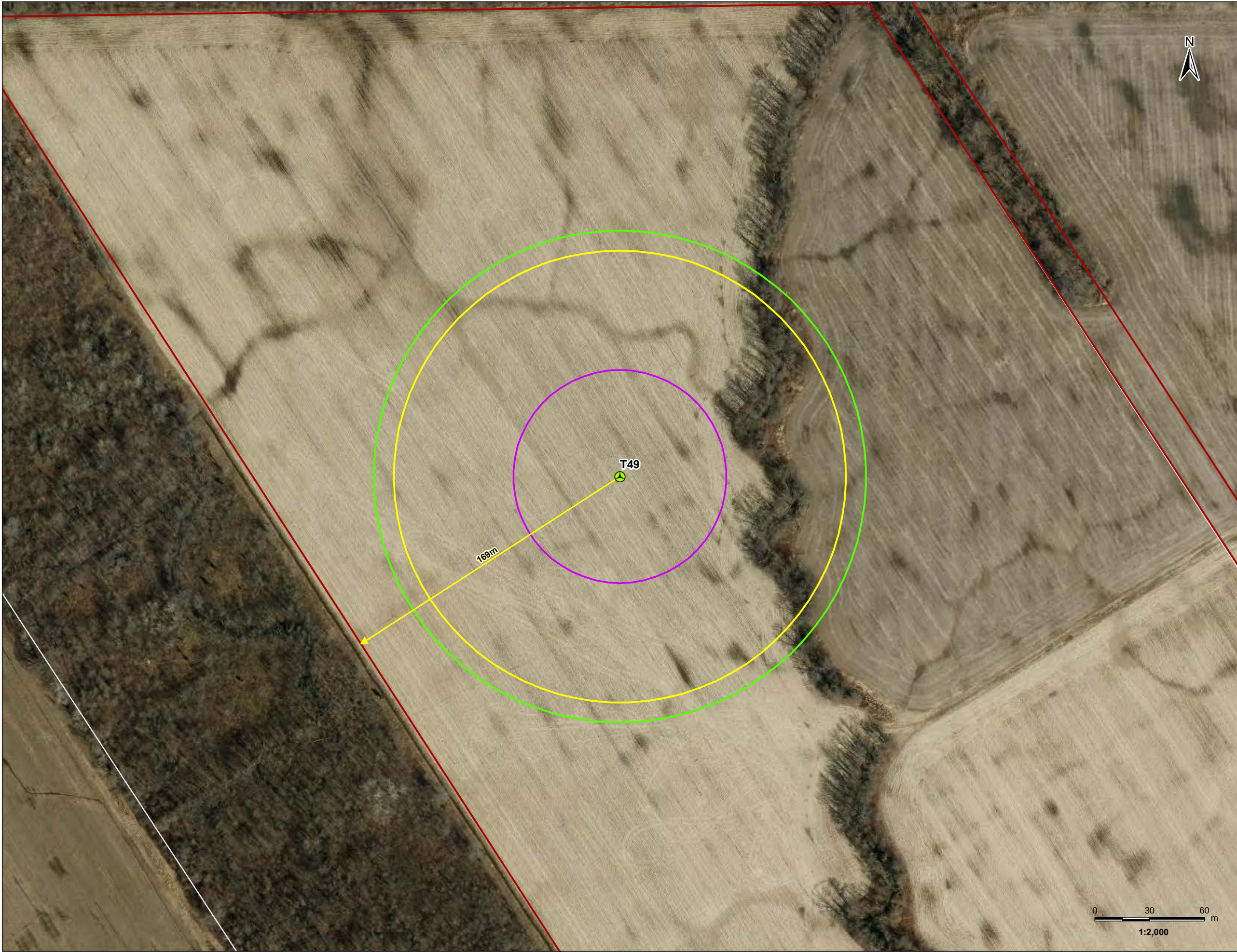
Figure No.

1.43

Title

**Overview Maps for Property
Line Setback Assessment –
T49**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
- Property Boundary
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- Distance to Property Boundary
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- Participating Receptor
- Railway
- Road

Notes

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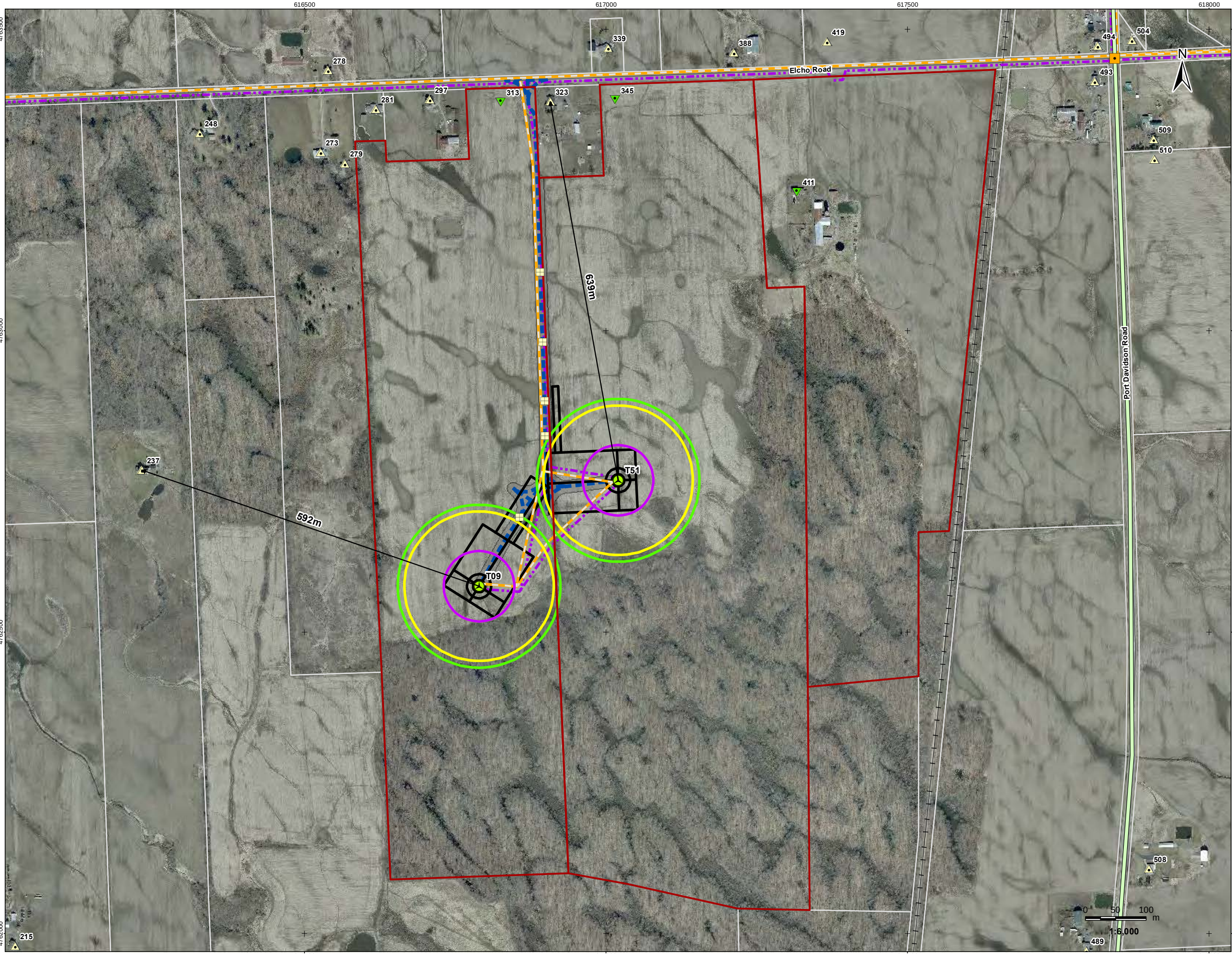
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Figure No.
1.43a

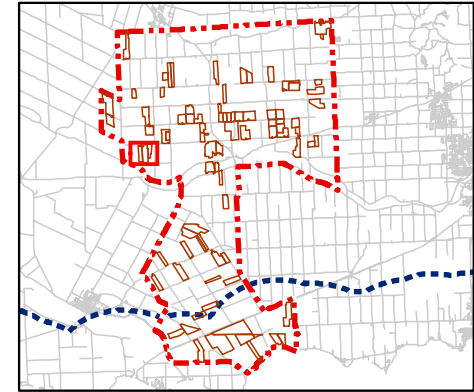
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**Inset Maps for
Property Line Setback – T49**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
- Participating Property
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Notes

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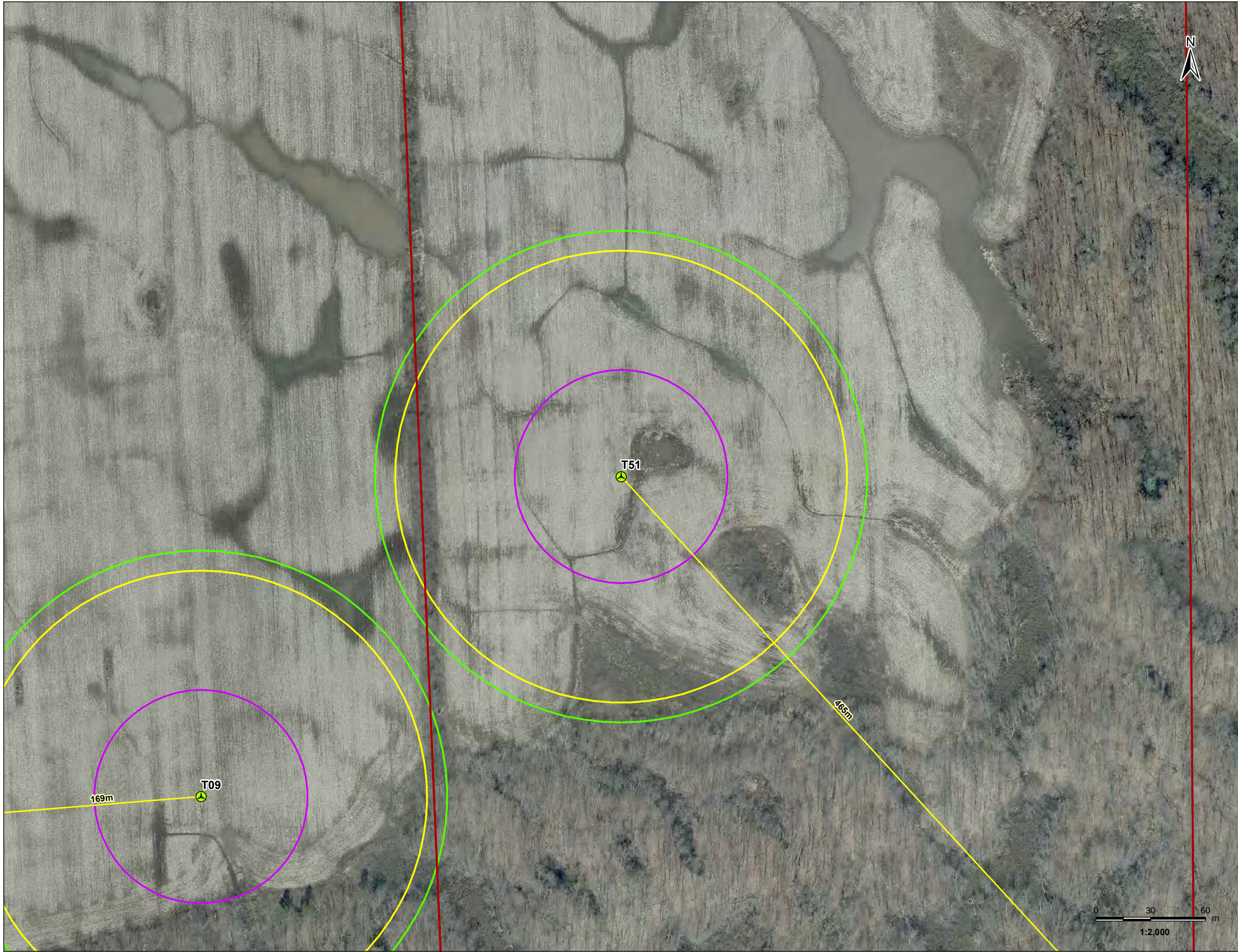
Figure No.

1.44

Title

**Overview Maps for Property
Line Setback Assessment –
T51**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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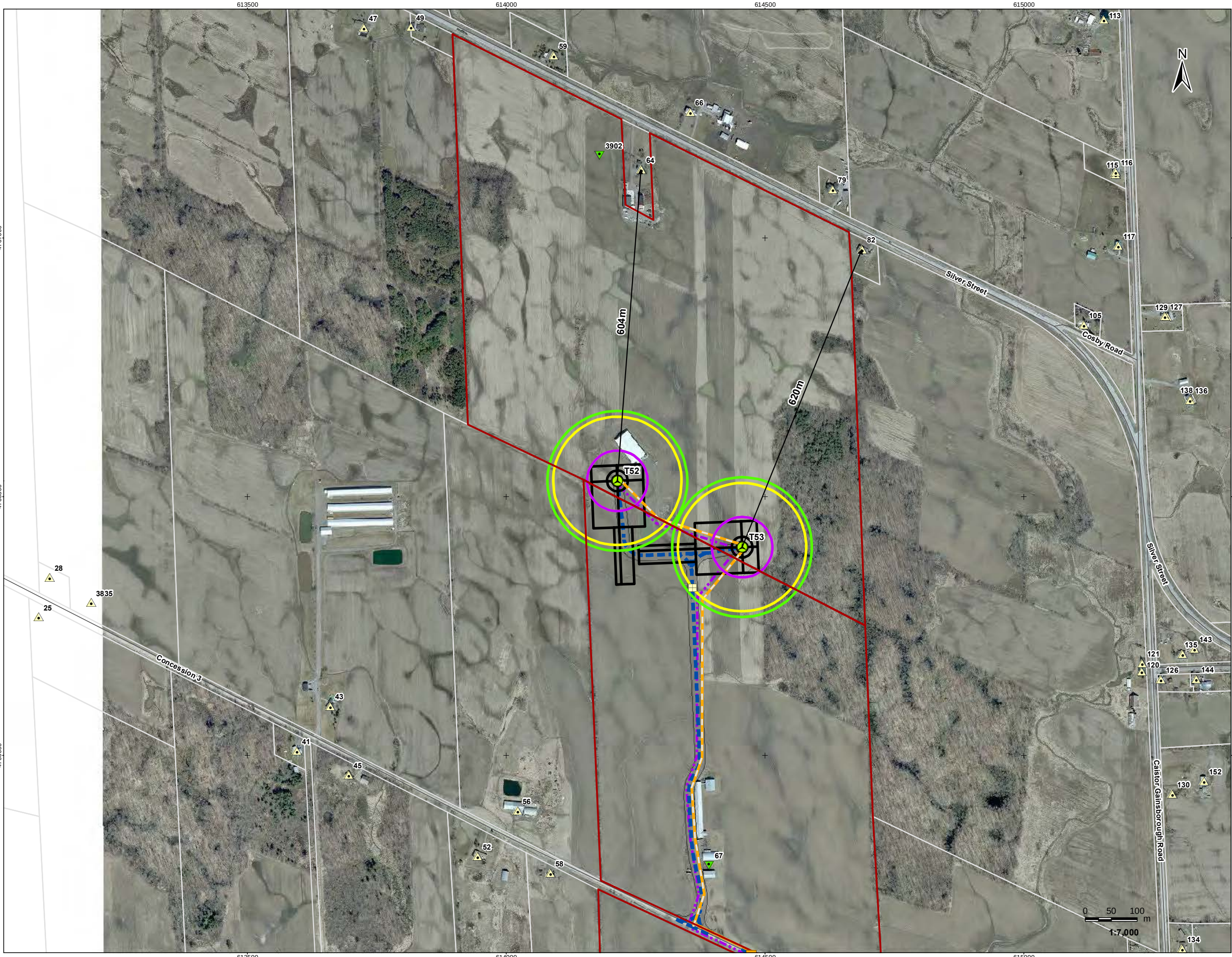
Figure No.

1.44a

Title

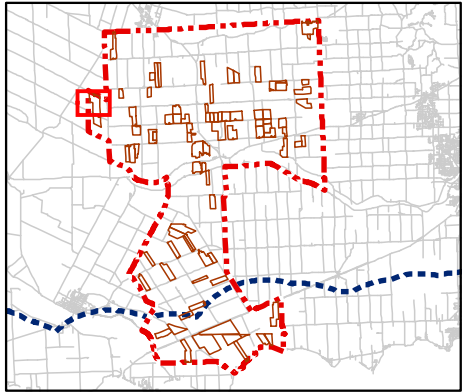
**Inset Maps for
Property Line Setback – T51**

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Revised: 2013-03-01 By: bcowper



Legend

- Project Study Area
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Figure No.

1.45

Title

**Overview Maps for Property
Line Setback Assessment –
T52**