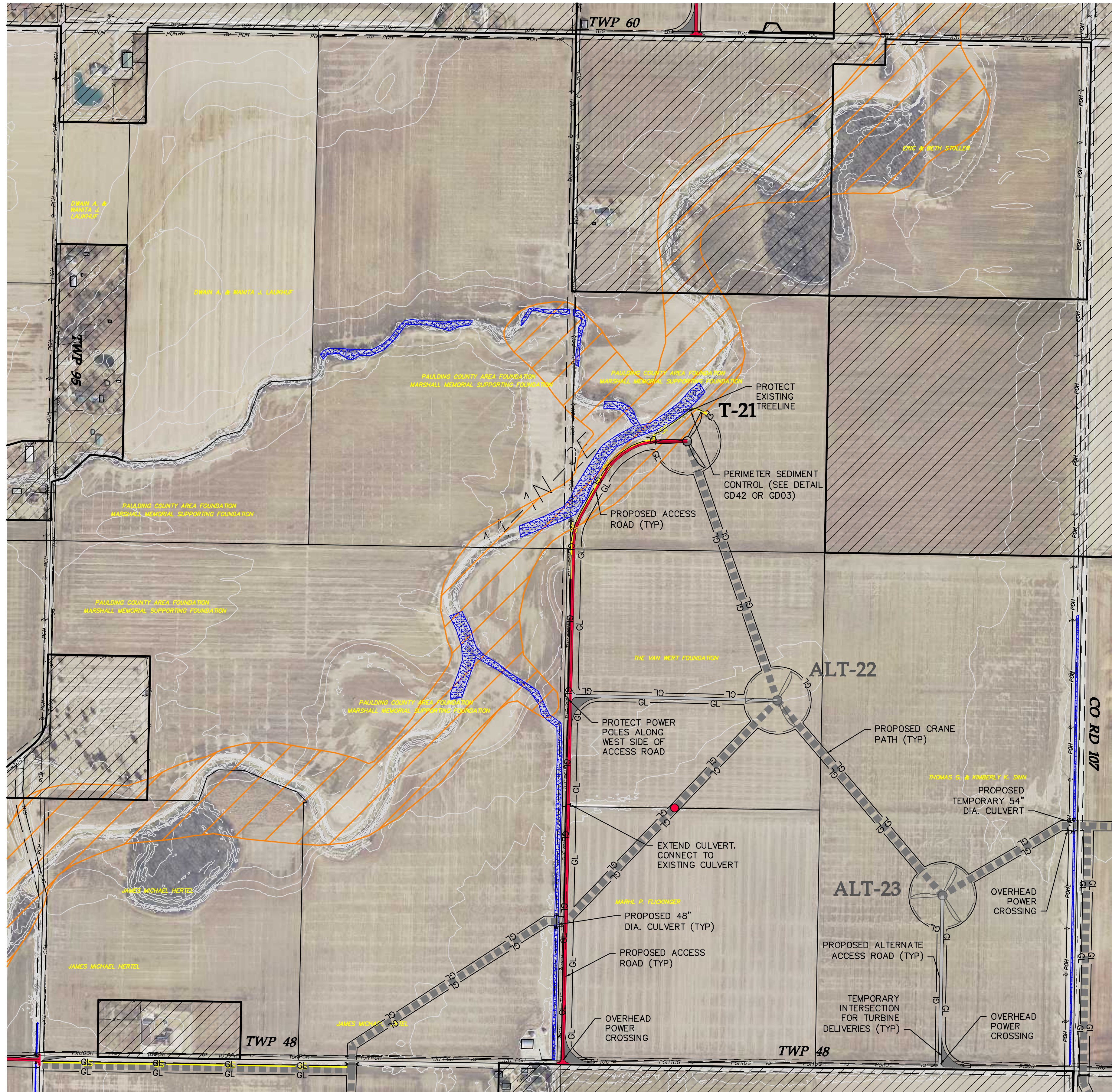


SEE SHEET 12



**LEGEND:**

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

NOTE: PLANS DO NOT DETAIL VARIOUS COUNTY/TOWNSHIP ROAD SECTION UPGRADES OR WIDENING REQUIRED FOR CONSTRUCTION DELIVERIES PER THE ROAD MAINTENANCE AGREEMENT BETWEEN PROJECT OWNER AND PAULDING COUNTY.

**Westwood**

Westwood Professional Services, Inc.  
7699 Anagram Drive  
Eden Prairie, MN 55344

PHONE 952-937-5150  
FAX 952-937-5822  
TOLL FREE 1-888-937-5150  
www.westwoodps.com

**Designed:** KLG

**Checked:** SJB

**Drawn:** KLG

**As-Built Drawing:**

| Revisions | DATE | DESCRIPTION |
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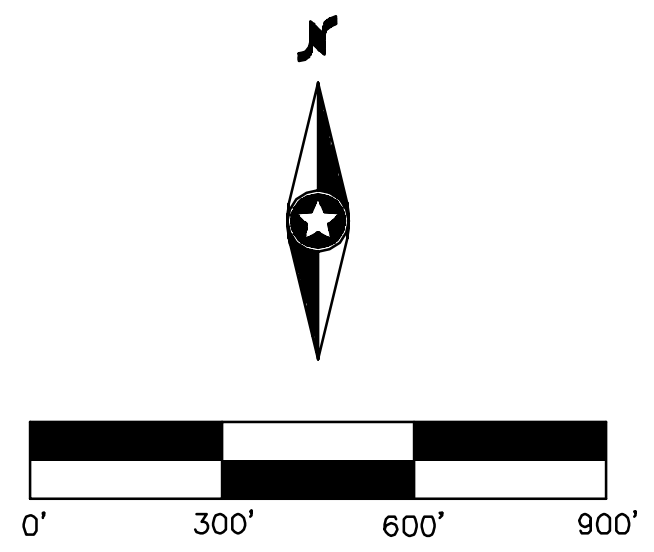
**Prepared for:**

**Gamesa**

1150 Northbrook Drive, Suite 150  
Easterville, PA 19053

**STARWOOD ENERGY GROUP**

591 West Putnam Avenue  
Greenwich, CT 06830



# Northwest Ohio Wind Project

Paulding, Ohio

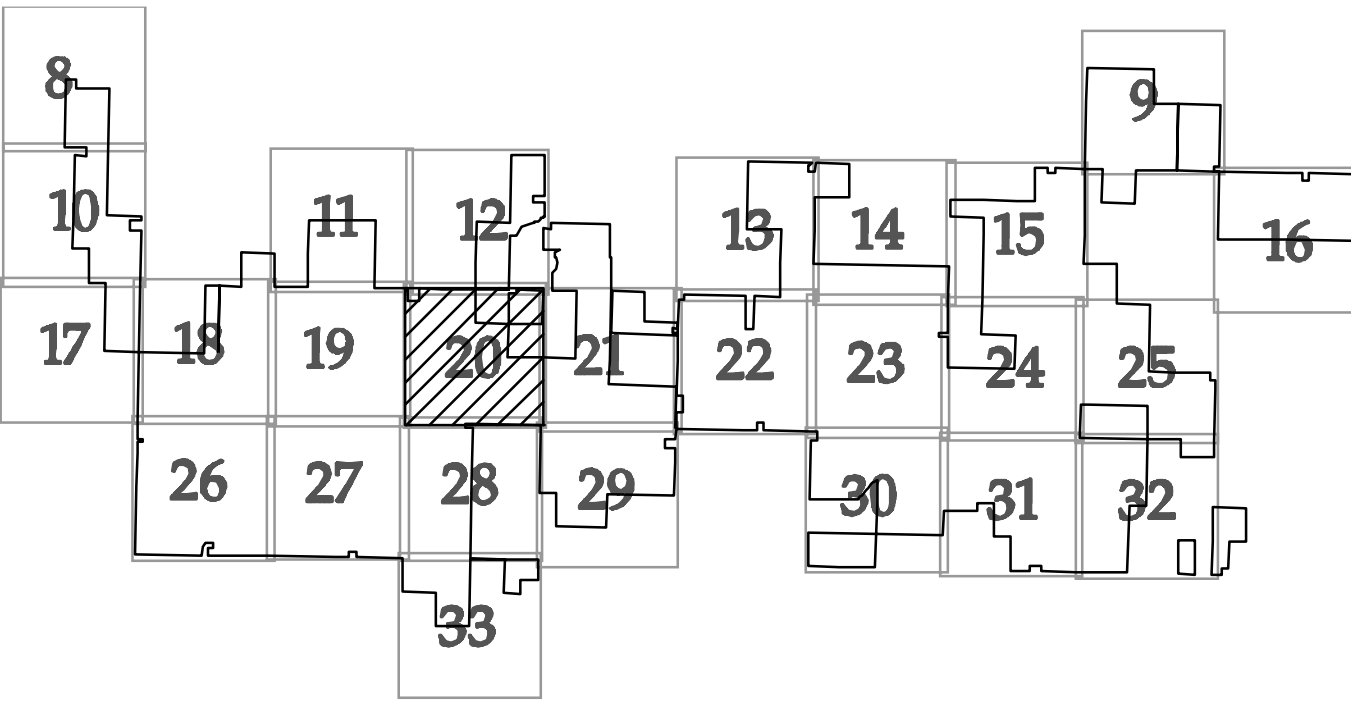
Civil Site Plan T21  
ALT22 ALT23

**Not For Construction**

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 20 OF 37



KEY MAP



**LEGEND:**

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
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| <b>Designed:</b>         | <b>KLG</b>         |
| <b>Checked:</b>          | <b>SPB</b>         |
| <b>Drawn:</b>            | <b>KLG</b>         |
| <b>As-Built Drawing:</b> |                    |
| <b>Revisions:</b>        |                    |
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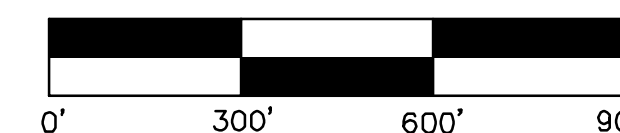
Prepared for:



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Feasterville Trevose, PA 19053



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Greenwich, CT 06830



# Northwest Ohio Wind Project

Paulding, Ohio

Civil Site Plan T26 T27 T28

**Not For Construction**

Array Date: 11/11/2014

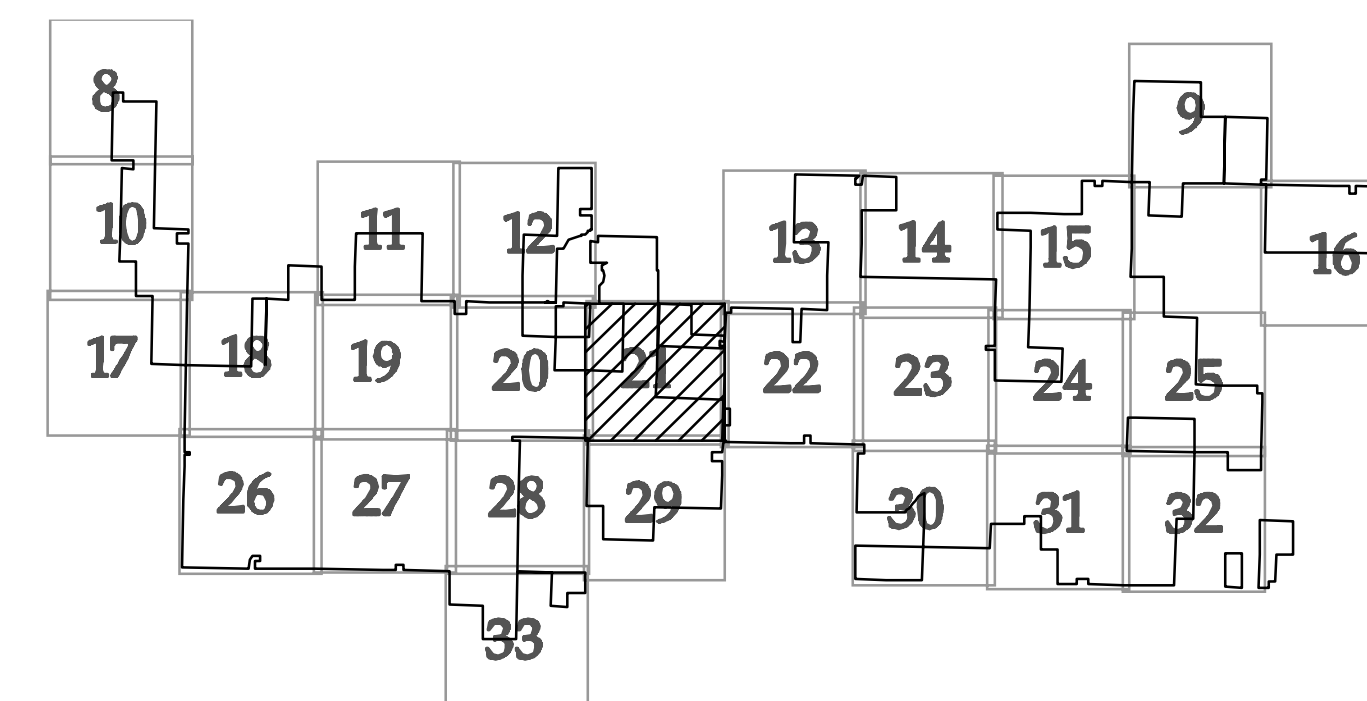
Date: 02/06/2015

Sheet: 21 OF 37

SEE SHEET 20

SEE SHEET 22

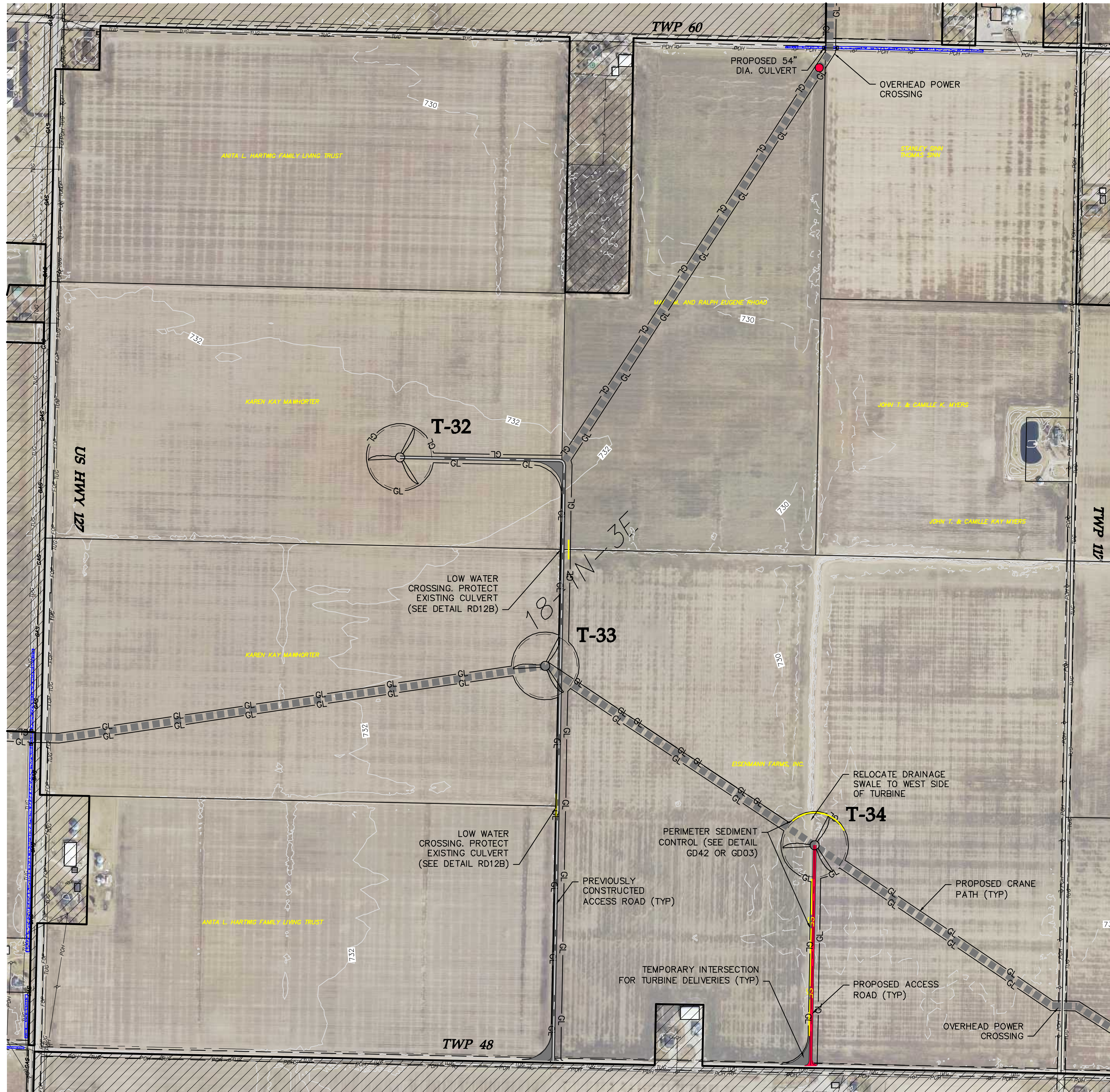
SEE SHEET 29



KEY MAP



SEE SHEET 13



LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
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- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
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- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

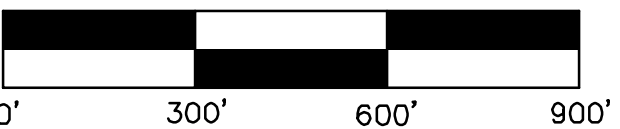
NOTE: PLANS DO NOT DETAIL VARIOUS COUNTY/TOWNSHIP ROAD SECTION UPGRADES OR WIDENING REQUIRED FOR CONSTRUCTION DELIVERIES PER THE ROAD MAINTENANCE AGREEMENT BETWEEN PROJECT OWNER AND PAULDING COUNTY.

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| <b>Designed:</b>         | <b>KLG</b>              |
| <b>Checked:</b>          | <b>SPB</b>              |
| <b>Drawn:</b>            | <b>KLG</b>              |
| <b>As-Built Drawing:</b> |                         |
| <b>Revisions:</b>        | <b>DATE DESCRIPTION</b> |
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|                          |                         |

Prepared for:

Gamesa  
1150 Northbrook Drive, Suite 150  
Easterville Trevoze, PA 19053

STARWOOD  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

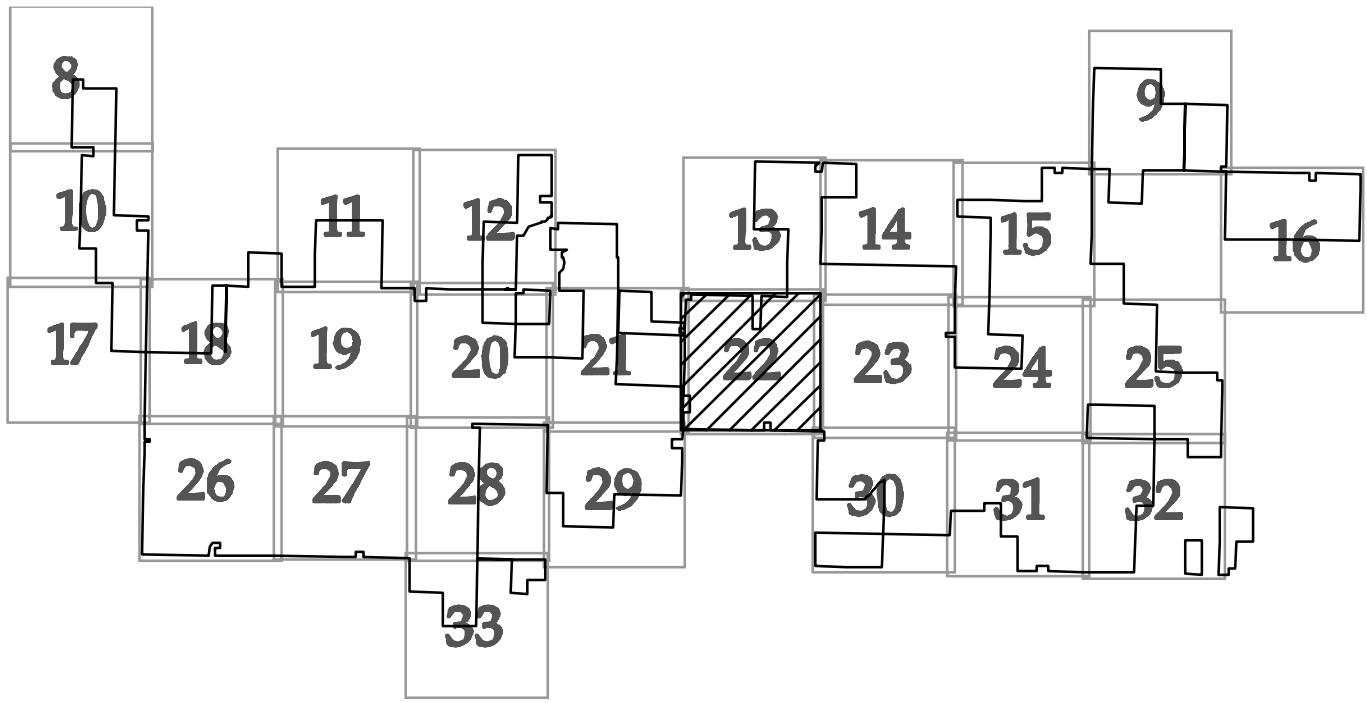
Civil Site Plan T32  
ALT33 T34

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

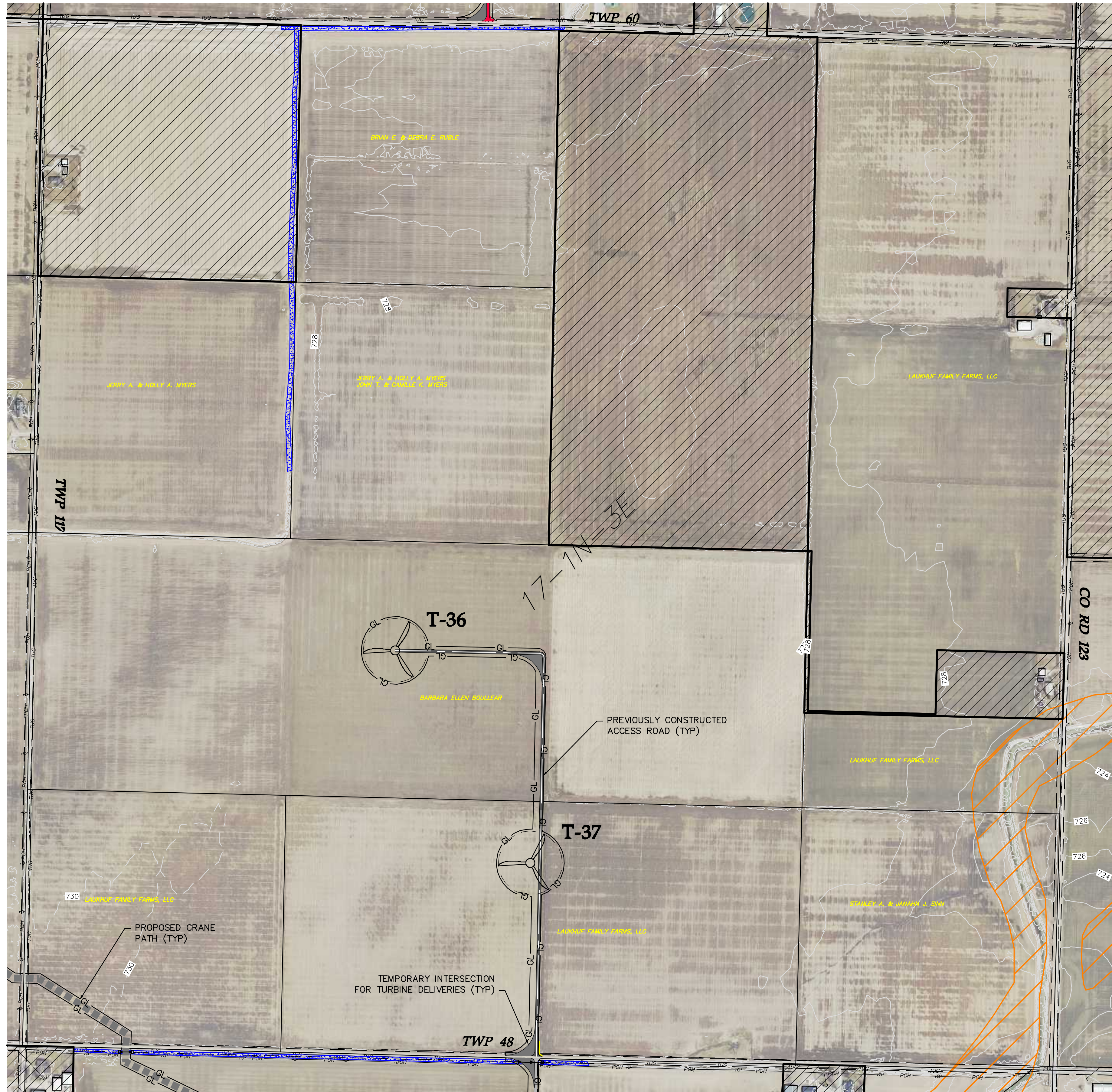
Sheet: 22 OF 37



KEY MAP



SEE SHEET 14



SEE SHEET 22

SEE SHEET 24

SEE SHEET 30

LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- GL PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
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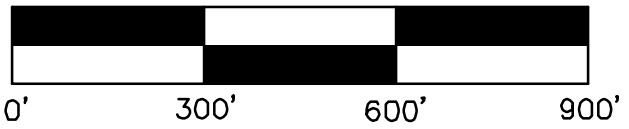
**Westwood**  
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PHONE 952-937-5150  
FAX 952-937-5822  
TOLL FREE 1-888-937-5150  
www.westwoodps.com

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| Designed: <b>KLG</b> |                  |
| Checked: <b>SPB</b>  |                  |
| Drawn: <b>KLG</b>    |                  |
| As-Built Drawing:    |                  |
| Revisions:           | DATE DESCRIPTION |
| 1                    |                  |
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Prepared for:

**Gamesa**  
1150 Northbrook Drive, Suite 150  
Easterville, PA 19053

**STARWOOD**  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



**Northwest Ohio Wind Project**  
Paulding, Ohio

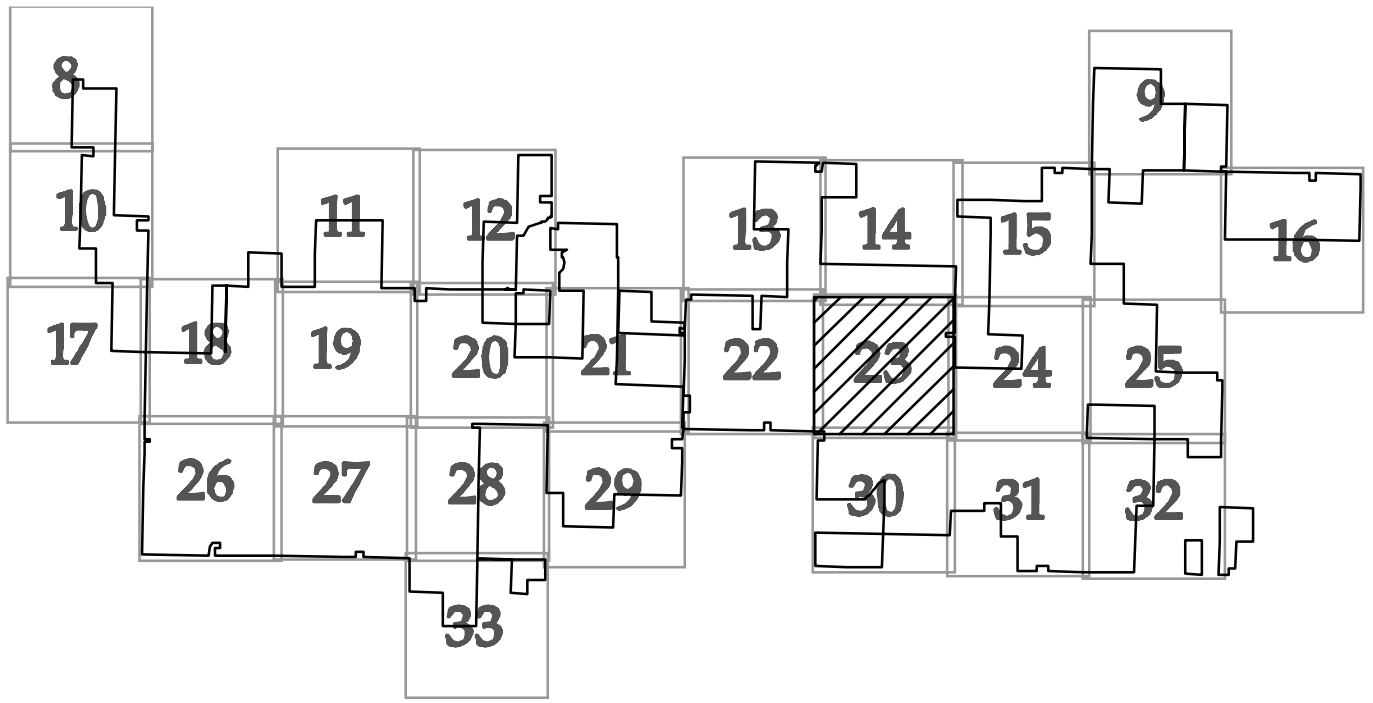
Civil Site Plan T36 T37

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

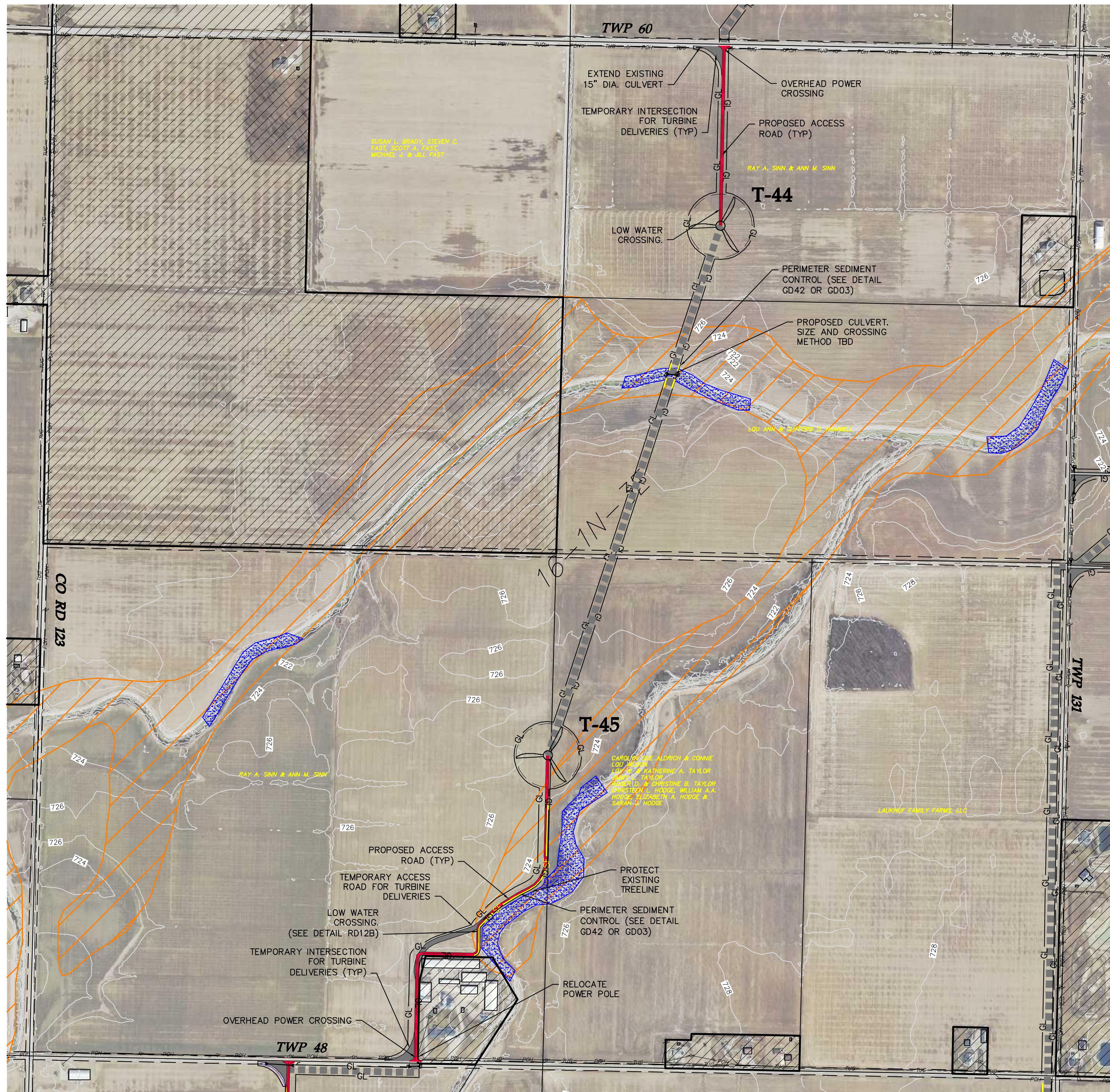
Sheet: 23 OF 37



KEY MAP



SEE SHEET 15



SEE SHEET 23

SEE SHEET 25

SEE SHEET 31

LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
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| Designed:         | KLG         |
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| Checked:          | SPB         |
| Drawn:            | KLG         |
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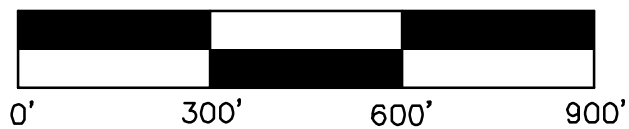
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Easterville, PA 19053



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Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

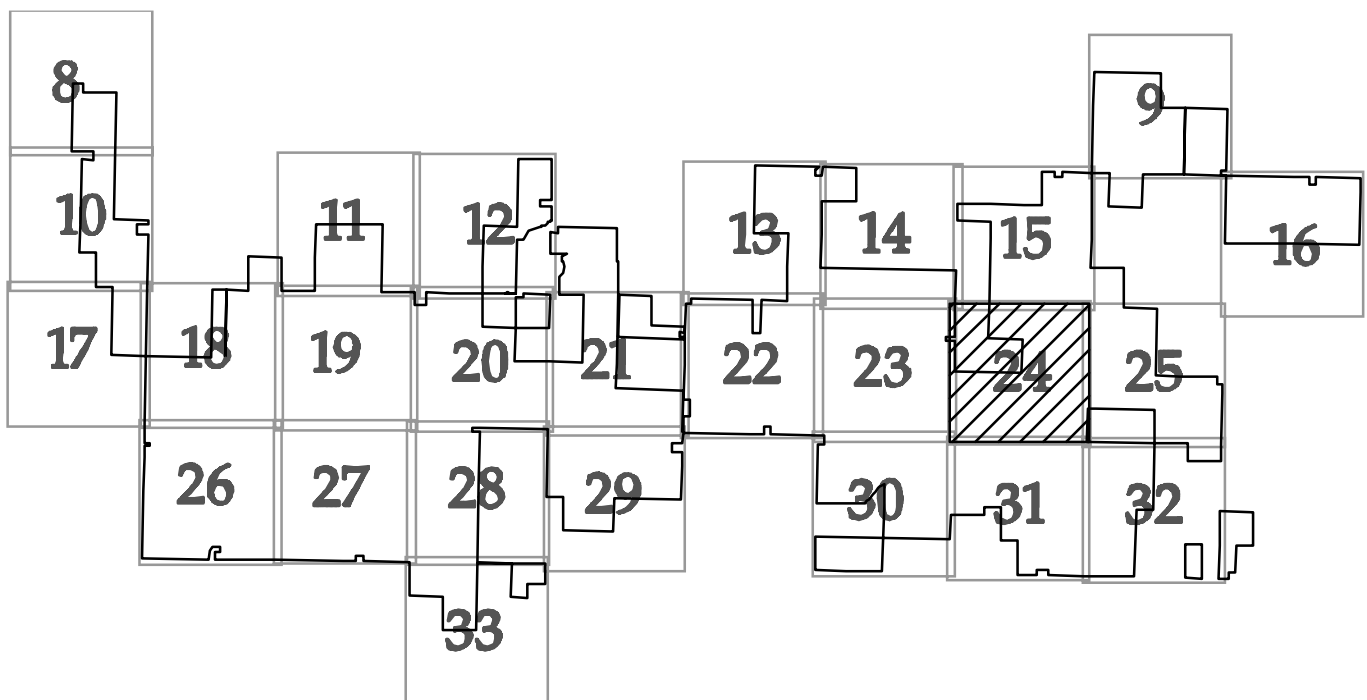
Civil Site Plan T44  
T45

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 24 OF 37



KEY MAP



**LEGEND:**

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- GL PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
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| <b>Designed:</b>         | <b>KLG</b>         |
| <b>Checked:</b>          | <b>SPB</b>         |
| <b>Drawn:</b>            | <b>KLG</b>         |
| <b>As-Built Drawing:</b> |                    |
| <b>Revisions:</b>        |                    |
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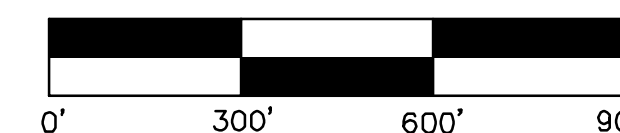
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Greenwich, CT 06830



# Northwest Ohio Wind Project

Paulding, Ohio

Civil Site Plan T52 T53  
T54 T55

**Not For Construction**

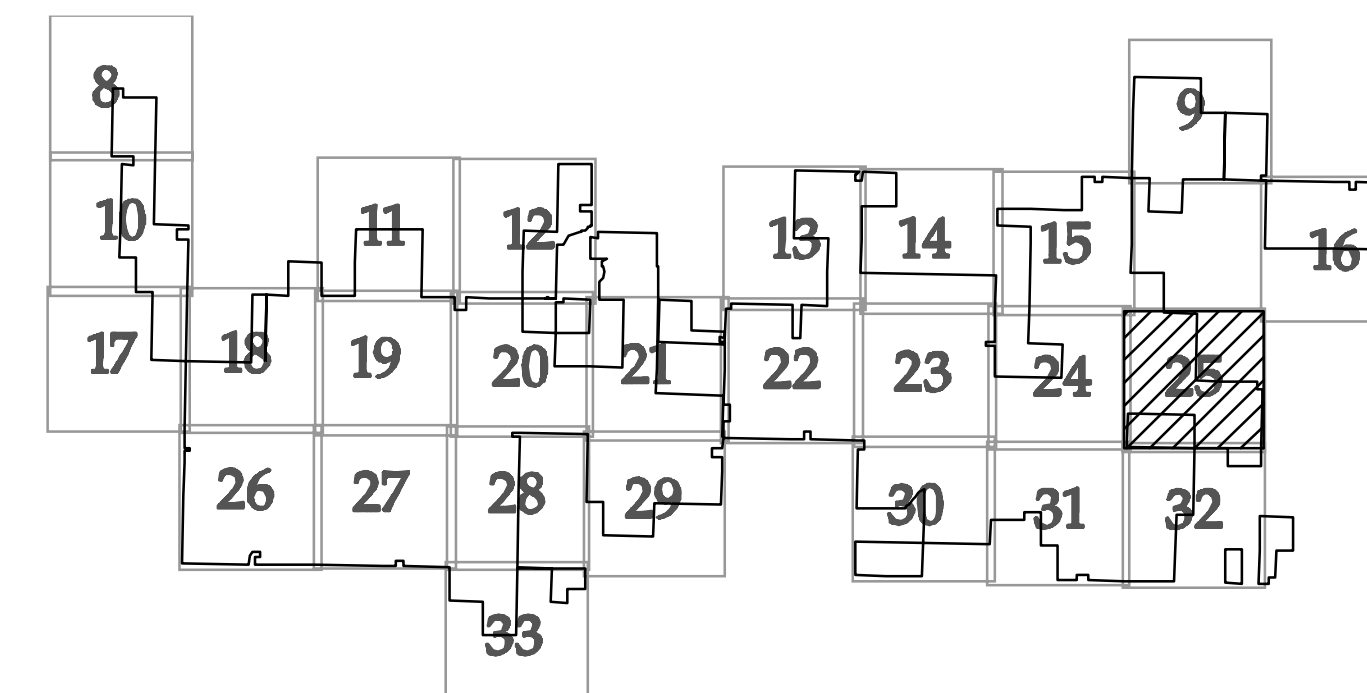
Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 25 OF 37

SEE SHEET 24

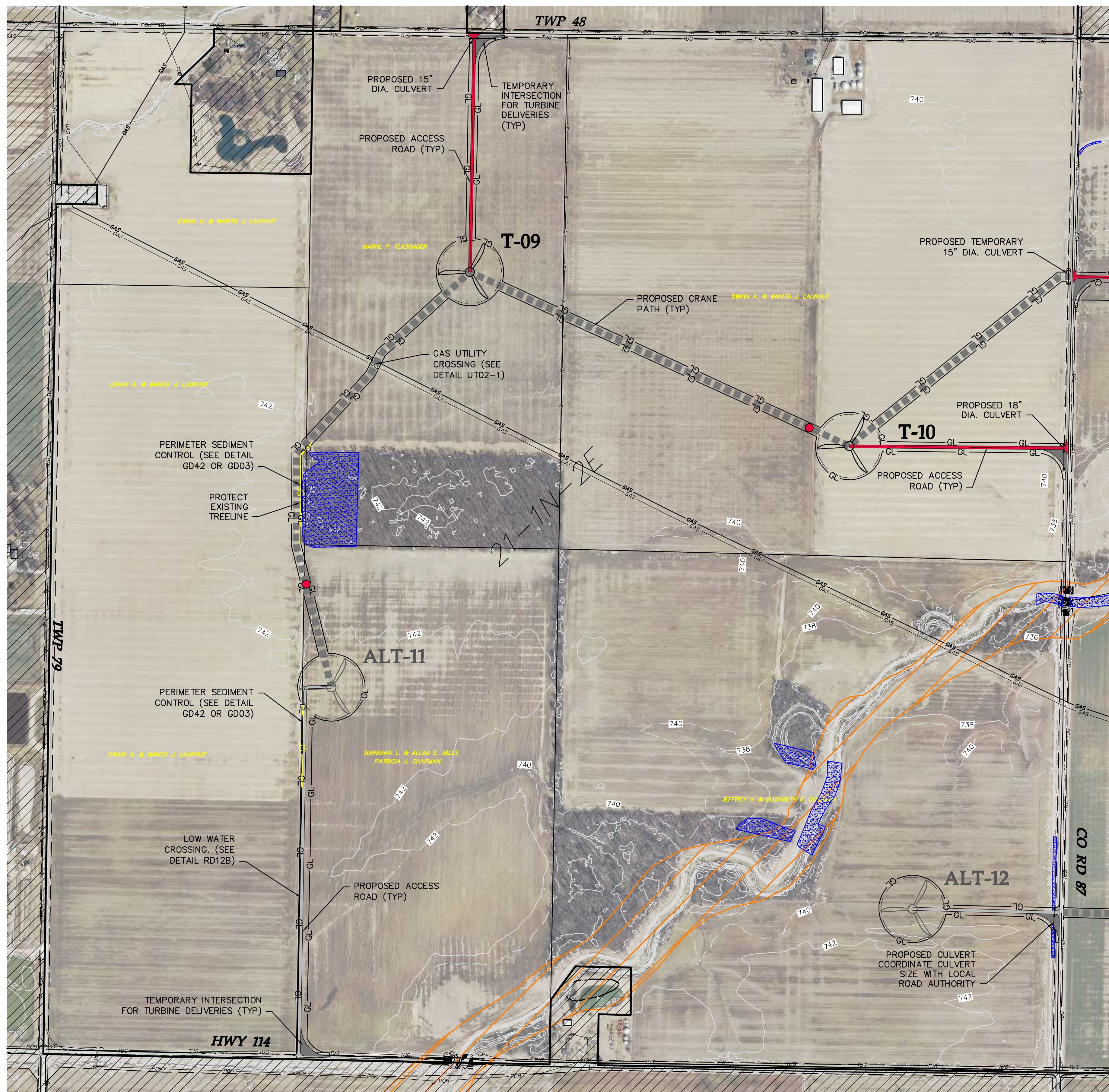
SEE SHEET 32



KEY MAP



SEE SHEET 18



LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- GL PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
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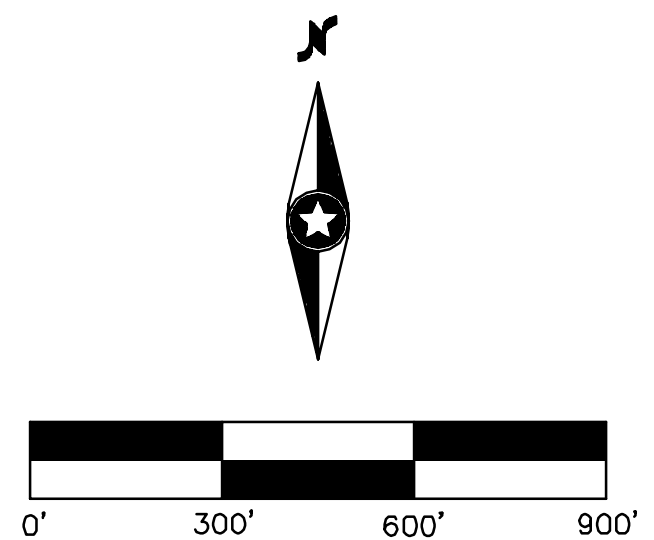
SEE SHEET 27

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| Drawn:            | KLG         |
| As-Built Drawing: |             |
| Revisions:        |             |
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Prepared for:

Gamesa  
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Easterville, PA 19053

STARWOOD  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

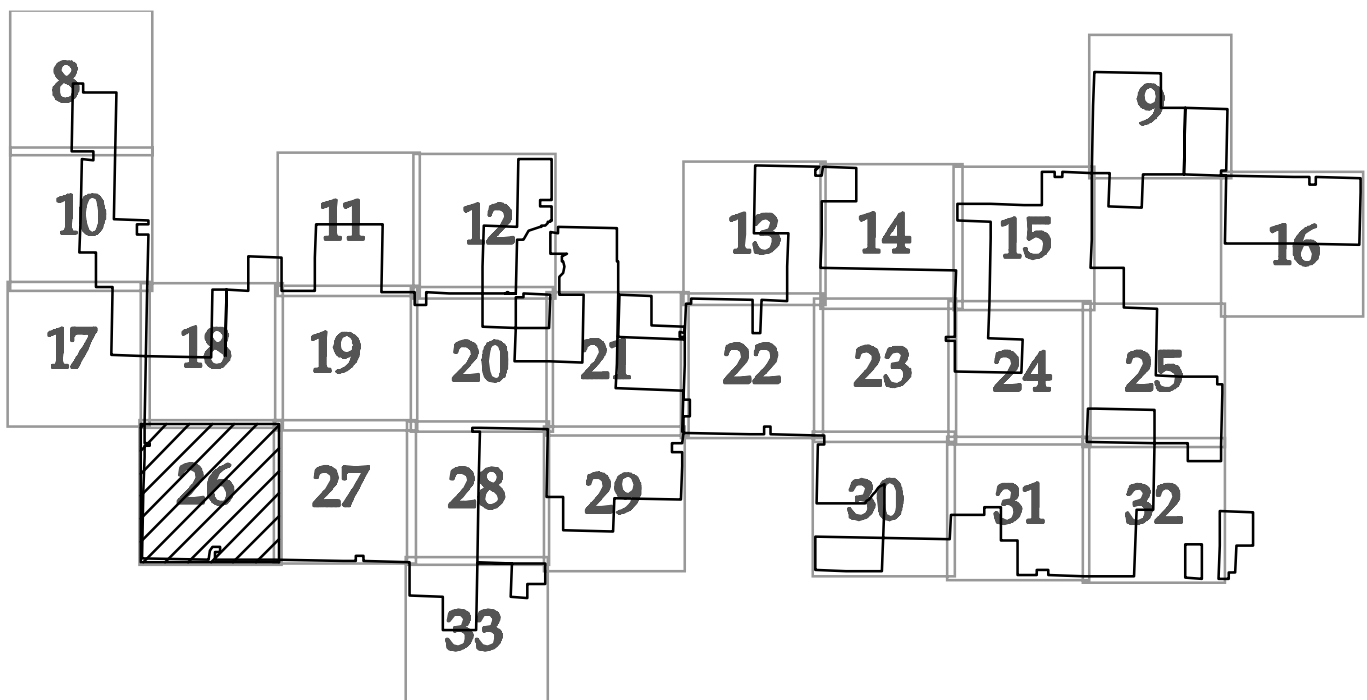
Civil Site Plan T09 T10  
ALT11 ALT12

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

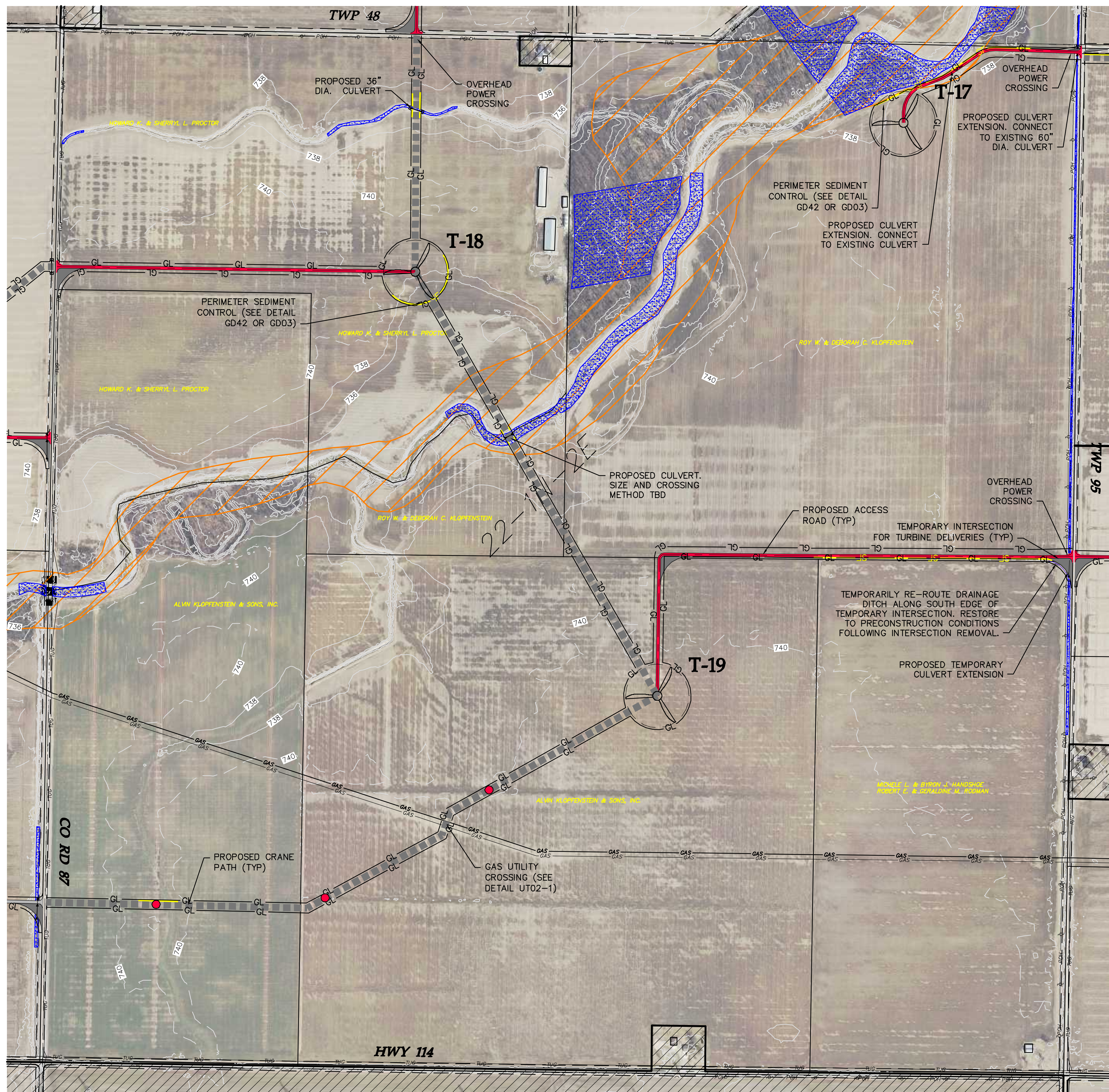
Sheet: 26 OF 37



KEY MAP



SEE SHEET 19



LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
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| Designed:         | KLG         |
| Checked:          | SPB         |
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| As-Built Drawing: |             |
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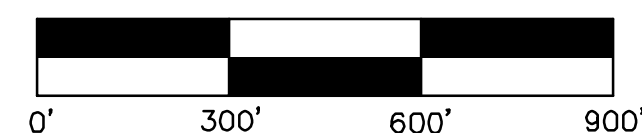
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Greenwich, CT 06830



# Northwest Ohio Wind Project

Paulding, Ohio

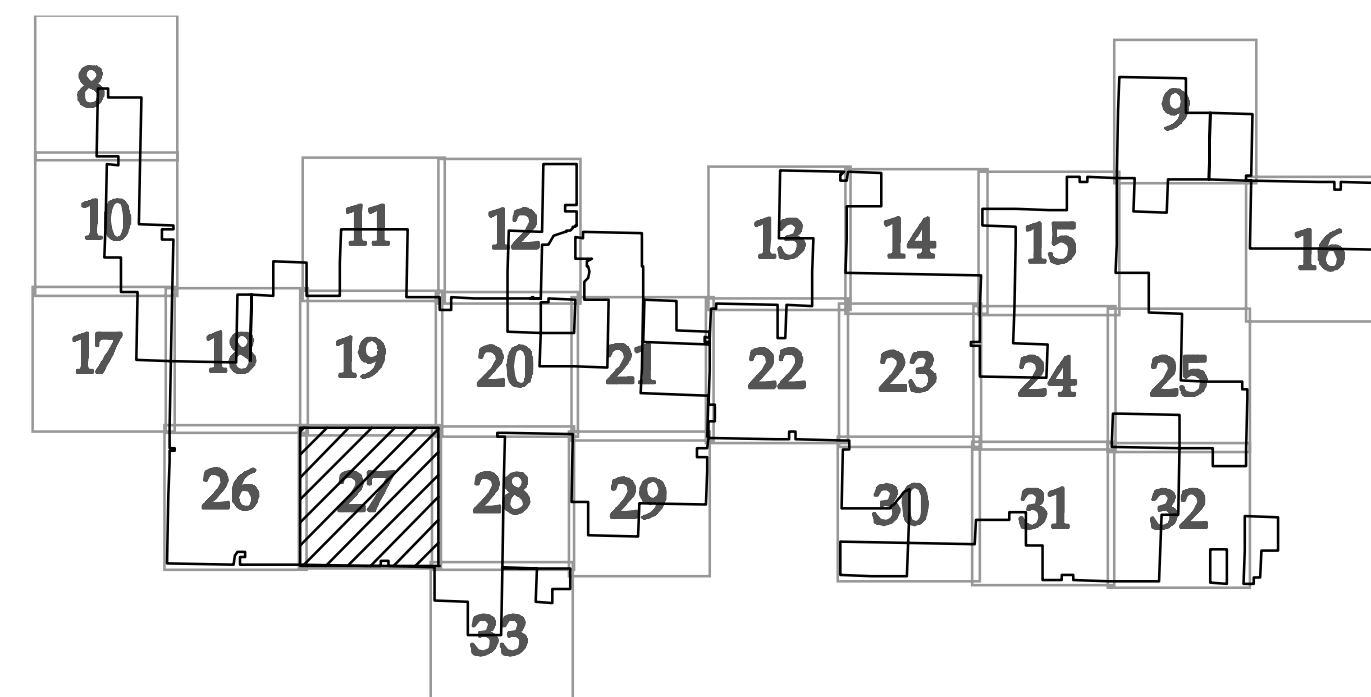
Civil Site Plan T17 T18 T19

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

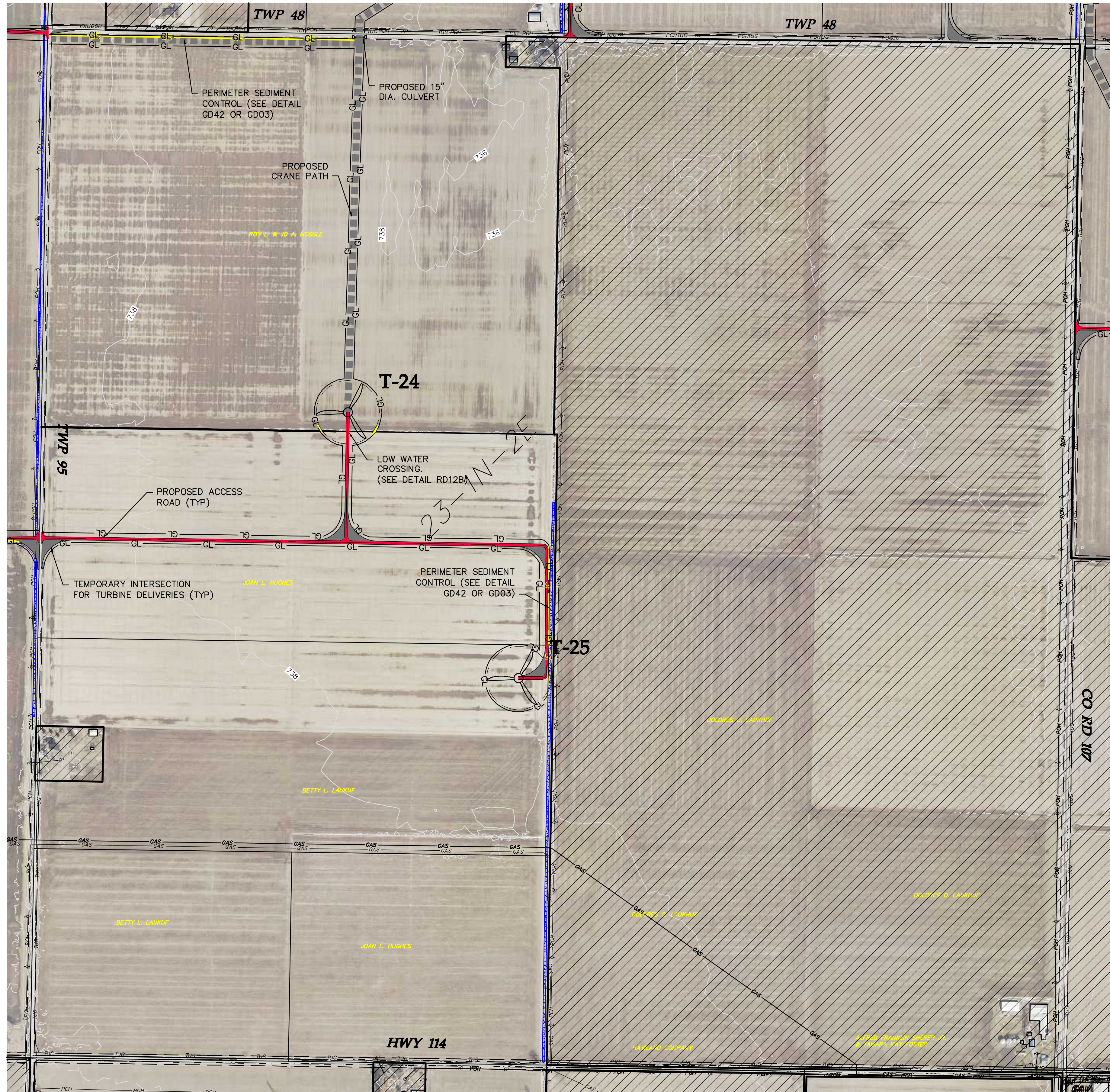
Sheet: 27 OF 37



KEY MAP



SEE SHEET 20



SEE SHEET 33

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
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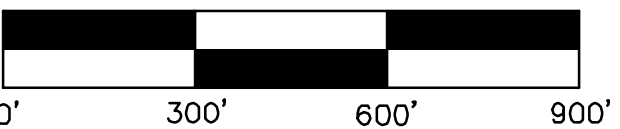
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| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
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| DATE              | DESCRIPTION |
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|                   |             |

Prepared for:

Gamesa  
1150 Northbrook Drive, Suite 150  
Feasterville Trevose, PA 19053

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ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

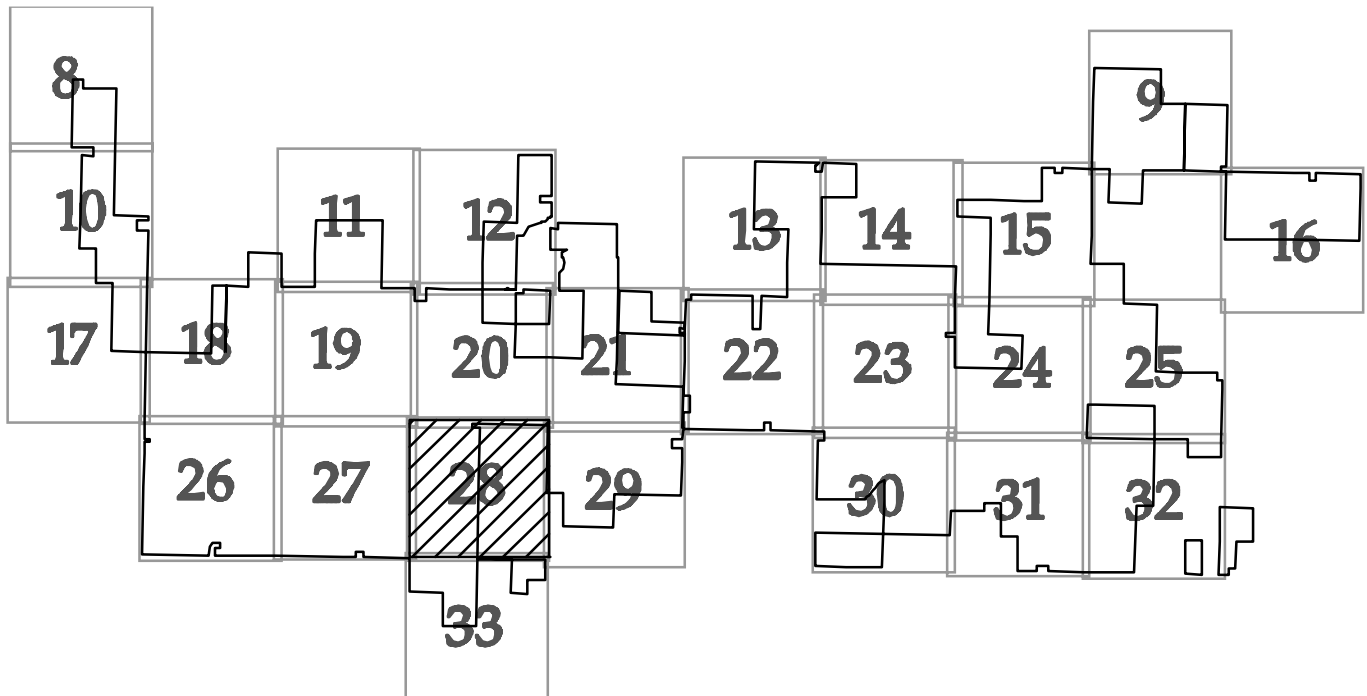
Civil Site Plan T24 T25

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

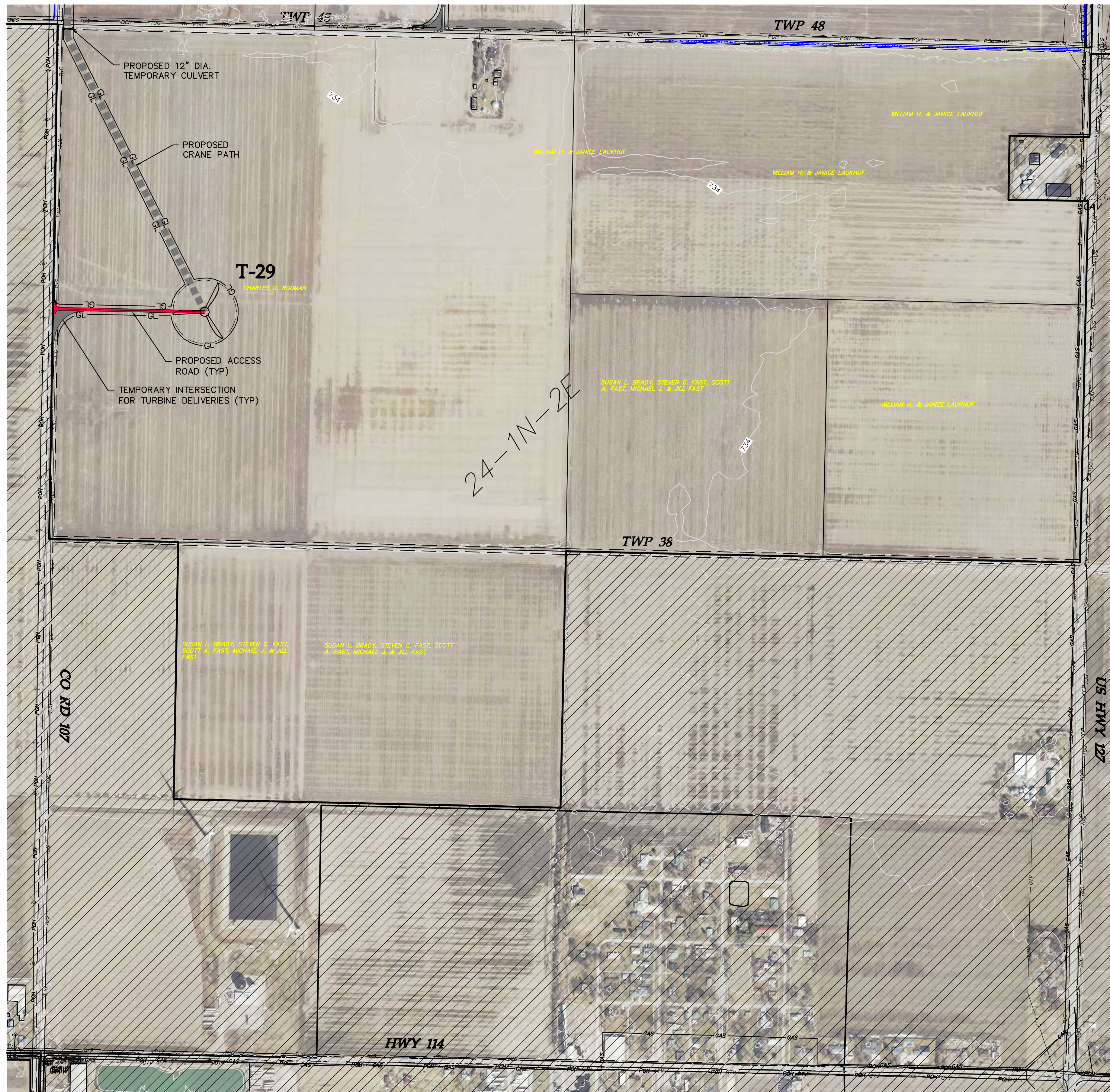
Sheet: 28 OF 37



KEY MAP



SEE SHEET 21



LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
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| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
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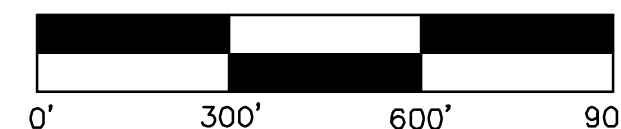
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Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

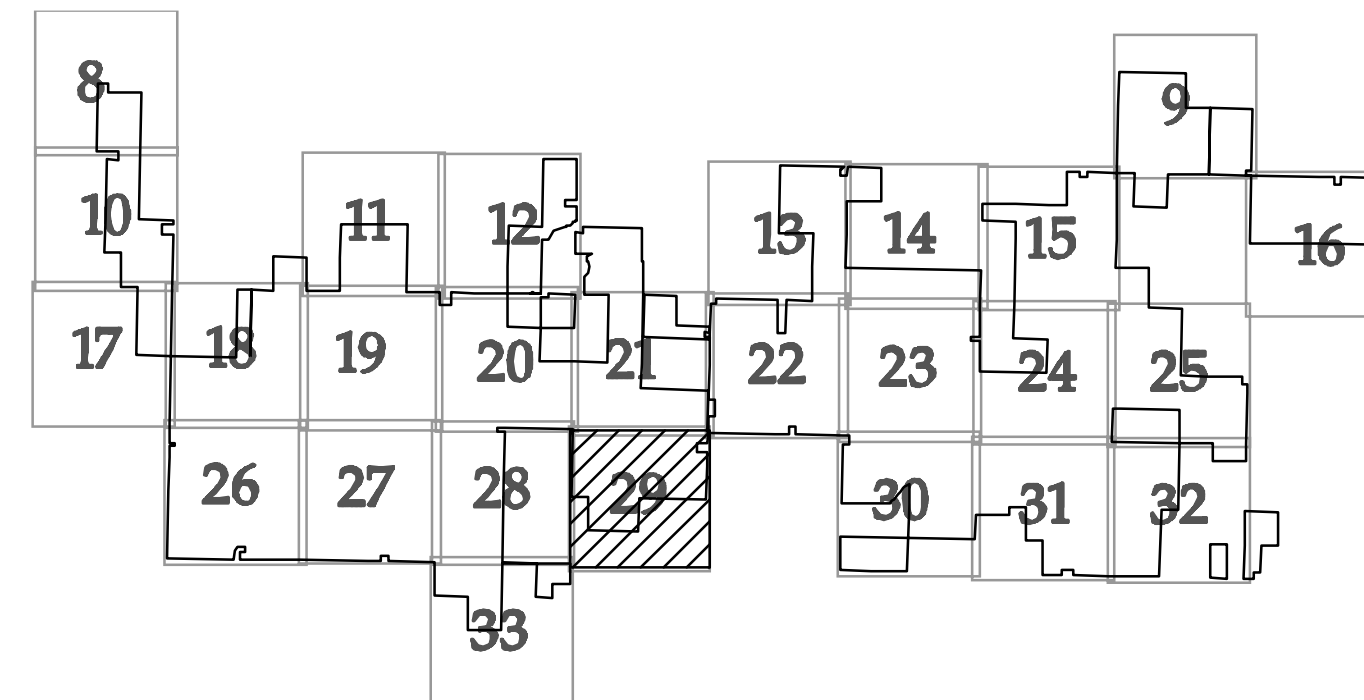
Civil Site Plan T29

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

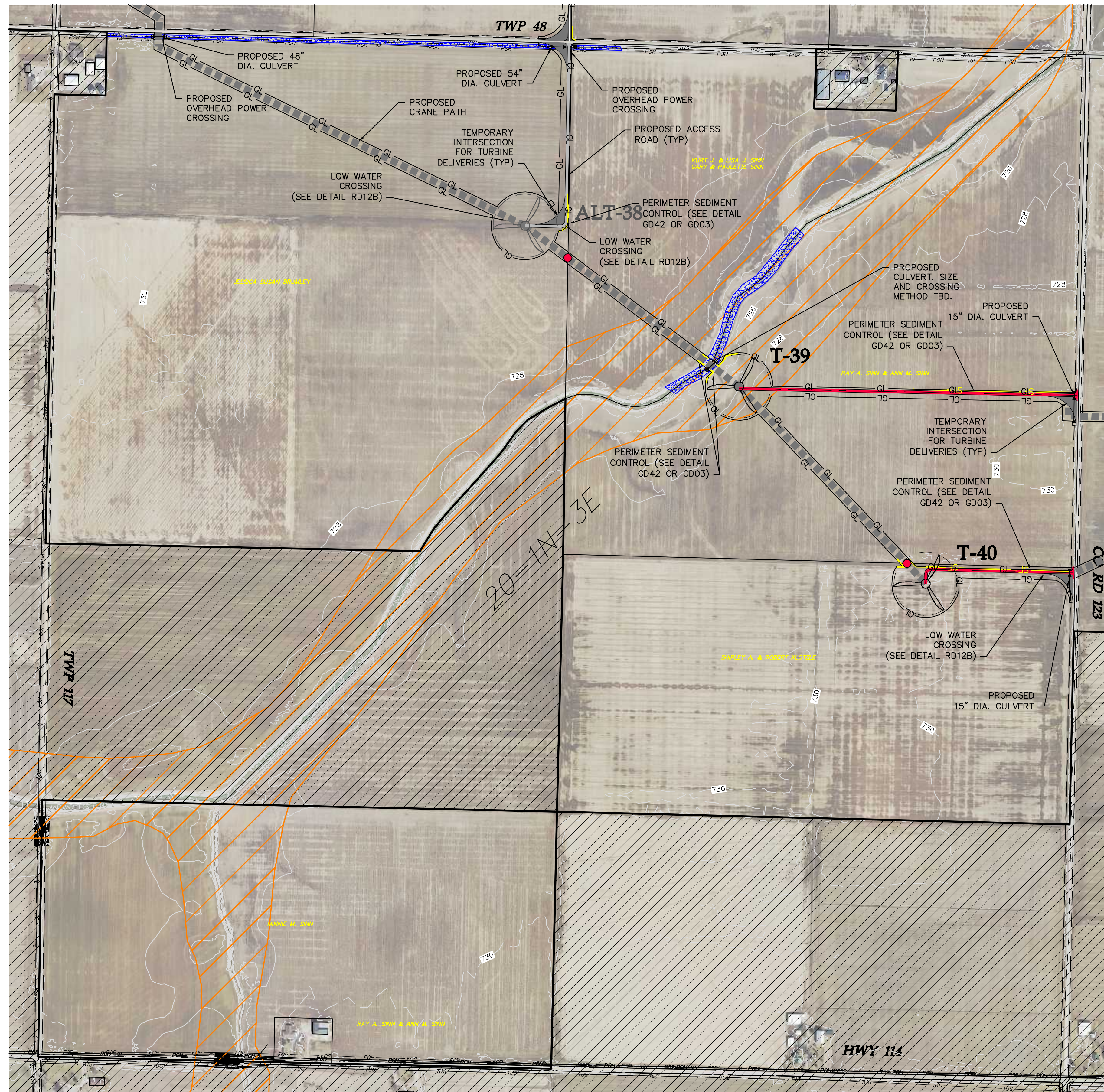
Sheet: 29 OF 37



KEY MAP



SEE SHEET 23



SEE SHEET 31

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

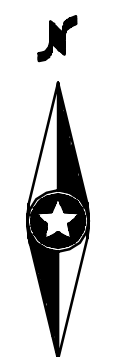
NOTE: PLANS DO NOT DETAIL VARIOUS COUNTY/TOWNSHIP ROAD SECTION UPGRADES OR WIDENING REQUIRED FOR CONSTRUCTION DELIVERIES PER THE ROAD MAINTENANCE AGREEMENT BETWEEN PROJECT OWNER AND PAULDING COUNTY.

|                   |             |
|-------------------|-------------|
| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
| Revisions:        |             |
| DATE              | DESCRIPTION |
|                   |             |
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|                   |             |
|                   |             |

Prepared for:

Gamesa  
1150 Northbrook Drive, Suite 150  
Easterville, PA 19053

STARWOOD  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



Northwest  
Ohio Wind  
Project  
Paulding, Ohio

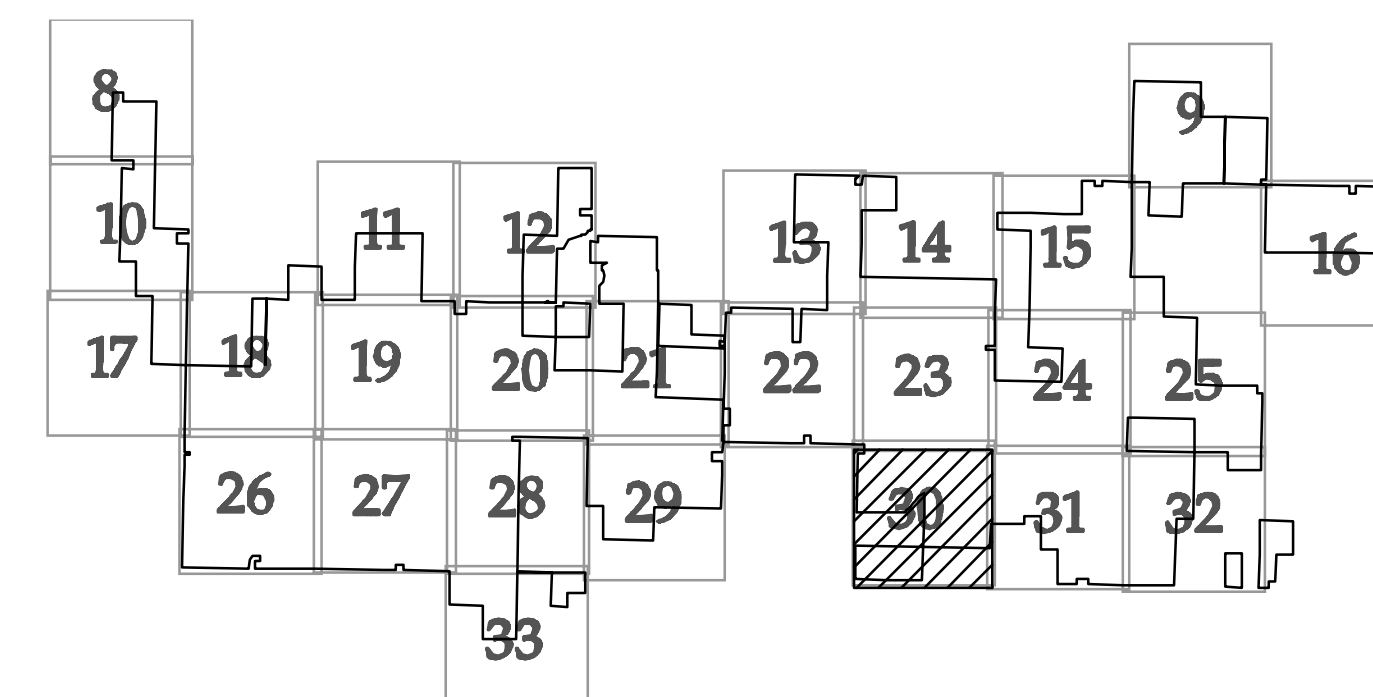
Civil Site Plan ALT38  
T39 T40

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

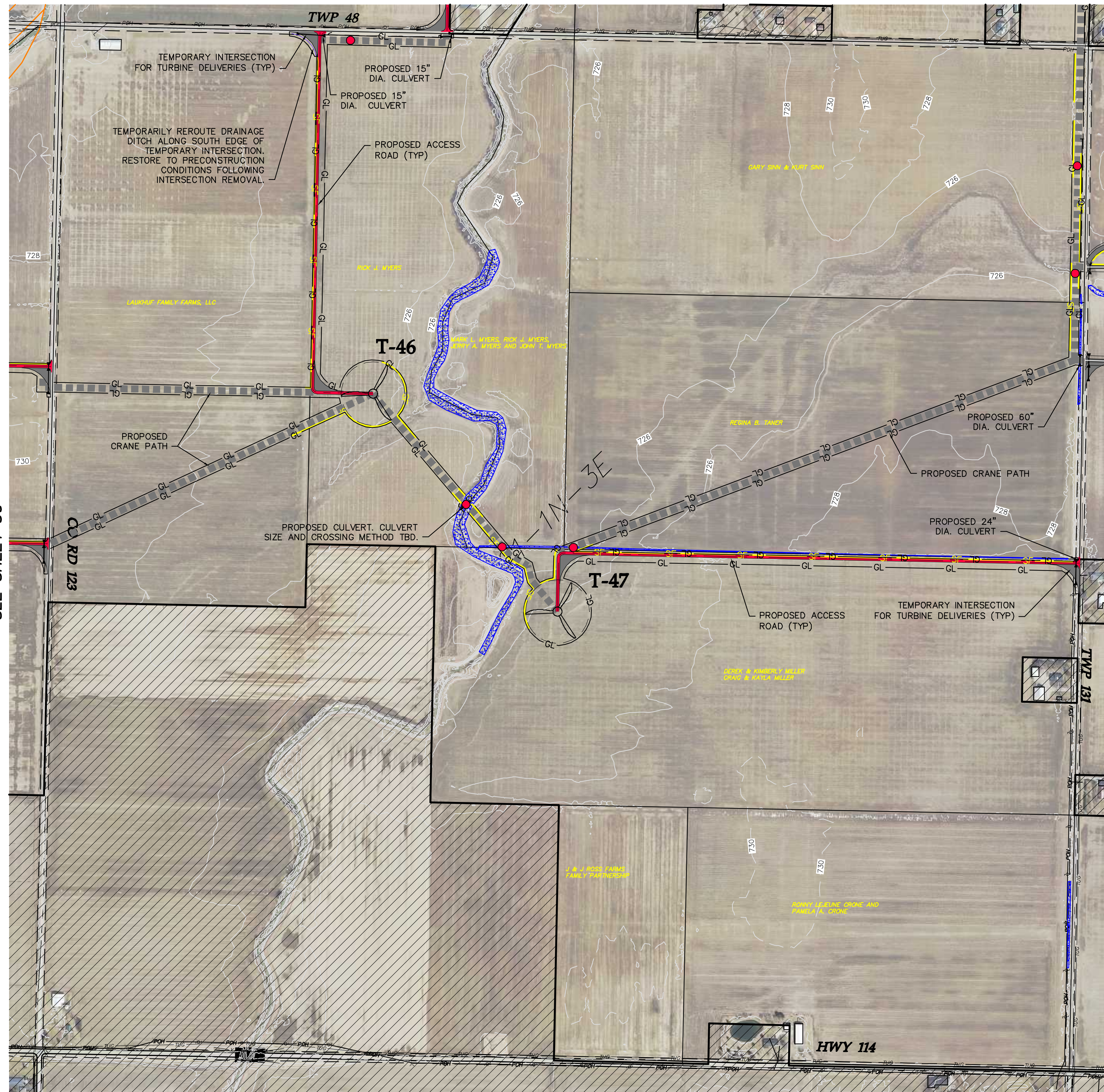
Sheet: 30 OF 37



KEY MAP



SEE SHEET 24



LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

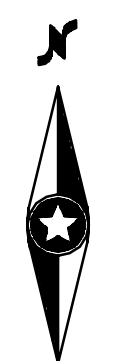
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|--------------------------|--------------------|
| <b>Designed:</b>         | <b>KLG</b>         |
| <b>Checked:</b>          | <b>SPB</b>         |
| <b>Drawn:</b>            | <b>KLG</b>         |
| <b>As-Built Drawing:</b> |                    |
| <b>Revisions:</b>        |                    |
| <b>DATE</b>              | <b>DESCRIPTION</b> |
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|                          |                    |

Prepared for:

**Gamesa**  
1150 Northbrook Drive, Suite 150  
Feasterville Trevose, PA 19053

**STARWOOD**  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



# Northwest Ohio Wind Project

Paulding, Ohio

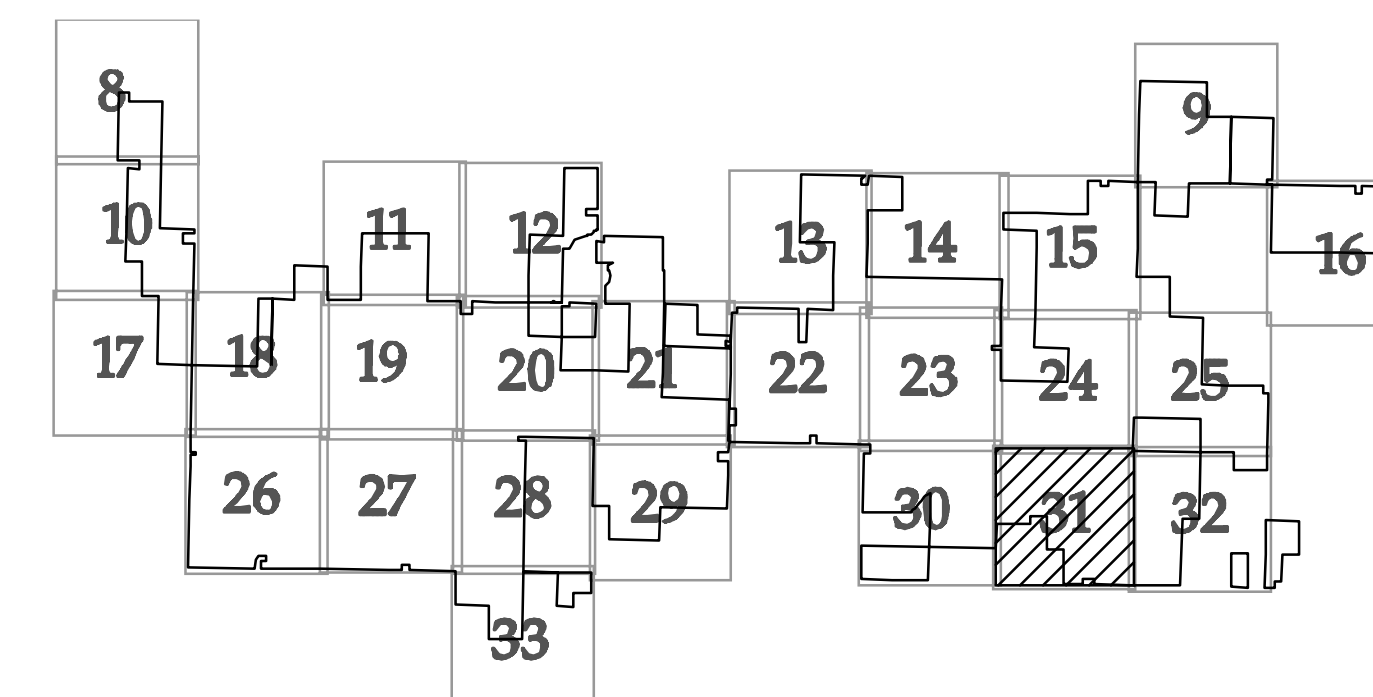
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**Not For Construction**

Array Date: 11/11/2014

Date: 02/06/2015

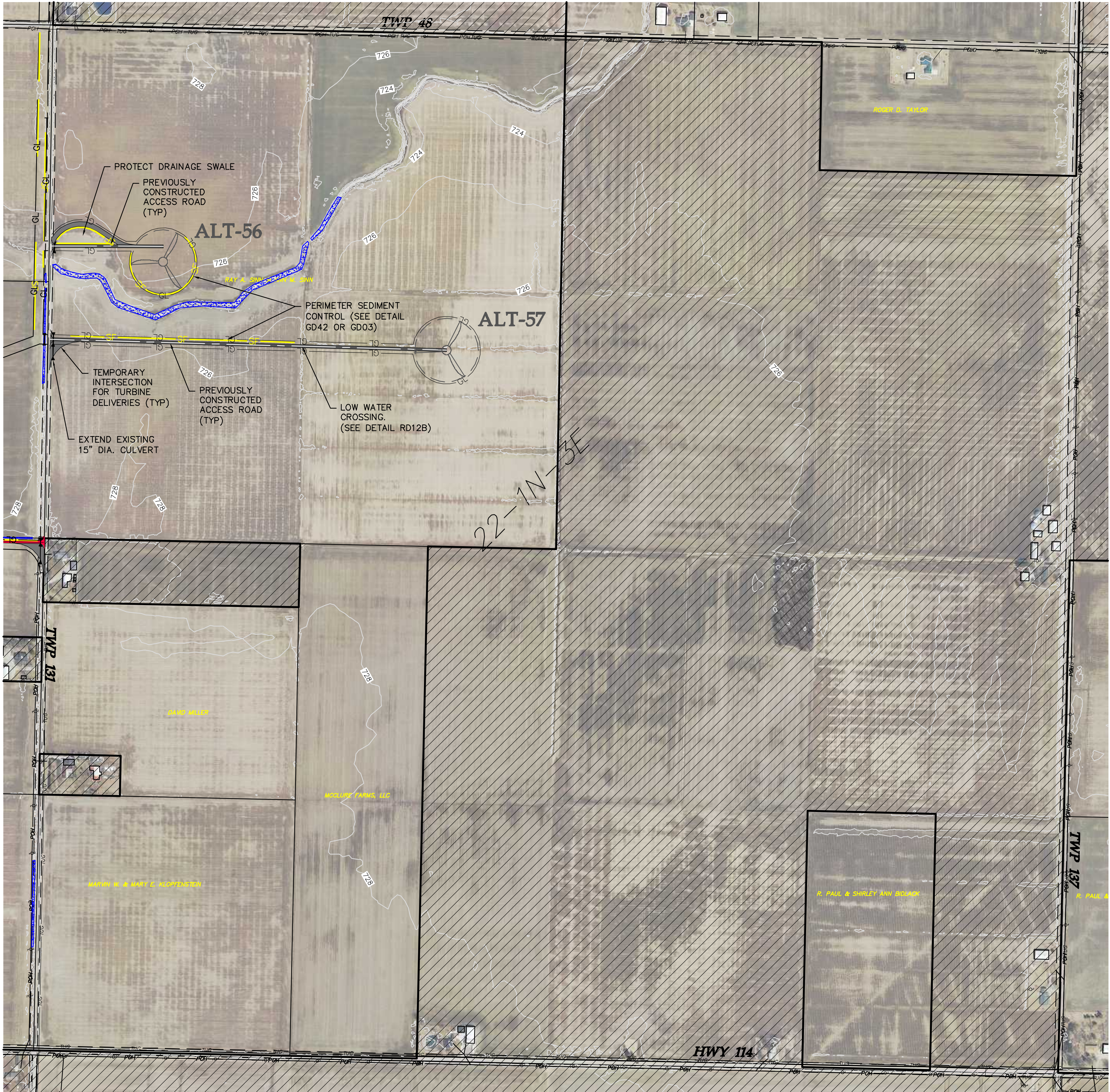
Sheet: 31 OF 37



KEY MAP



SEE SHEET 25



SEE SHEET 31

LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- ALT-XX ALTERNATE TURBINE LOCATION
- ALT-XX ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- GL PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

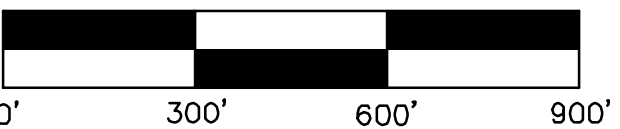
NOTE: PLANS DO NOT DETAIL VARIOUS COUNTY/TOWNSHIP ROAD SECTION UPGRADES OR WIDENING REQUIRED FOR CONSTRUCTION DELIVERIES PER THE ROAD MAINTENANCE AGREEMENT BETWEEN PROJECT OWNER AND PAULDING COUNTY.

|                   |             |
|-------------------|-------------|
| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
| Revisions:        |             |
| DATE              | DESCRIPTION |
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Gamesa  
1150 Northbrook Drive, Suite 150  
Feasterville Trevose, PA 19053

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ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



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Project  
Paulding, Ohio

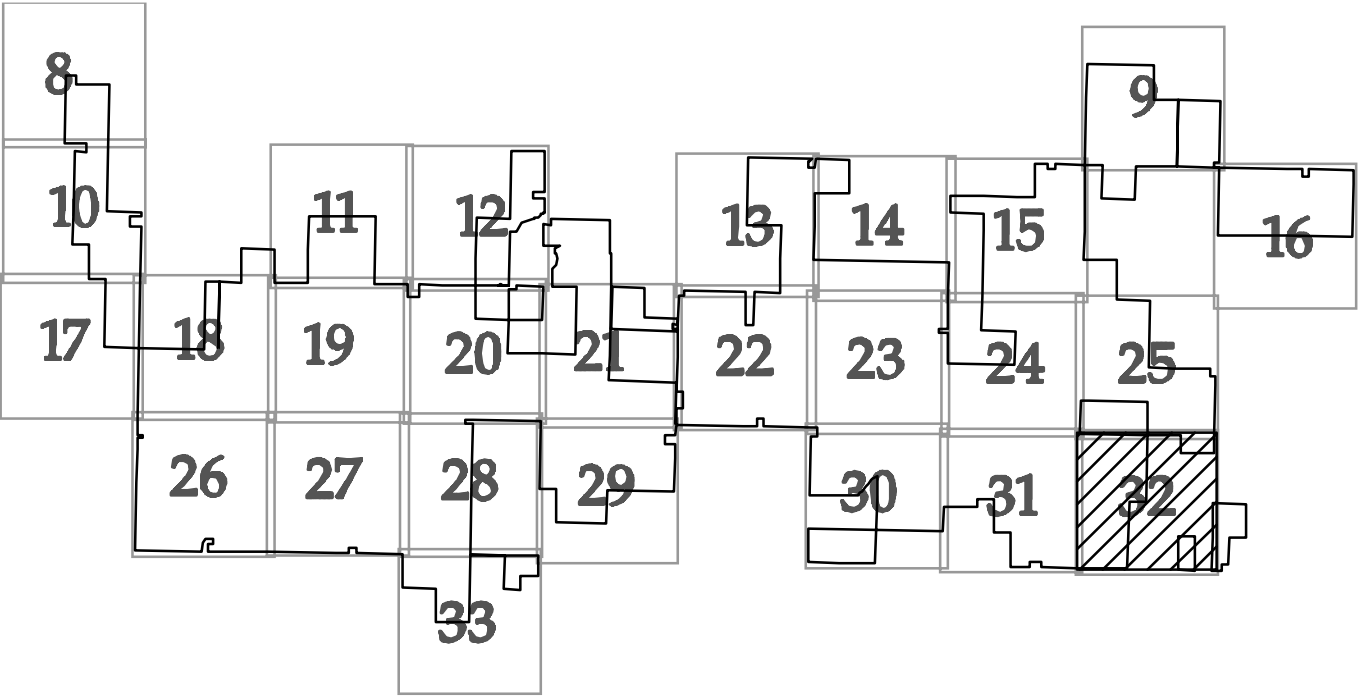
Civil Site Plan ALT56  
ALT57

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 32 OF 37



KEY MAP



SEE SHEET 28



LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- ALT-XX
- ALTERNATE TURBINE LOCATION
- ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROAD
- ALTERNATE ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING ACCESS ROAD (PREVIOUSLY CONSTRUCTED)
- EXISTING OVERHEAD POWER
- EXISTING OIL/GAS PIPELINE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DELINEATED WETLAND
- EXISTING ROAD
- OUT OF PROJECT BOUNDARY
- FEMA FLOODPLAIN BOUNDARY
- PROPOSED CULVERT
- POTENTIAL CRANE MAT LOCATIONS

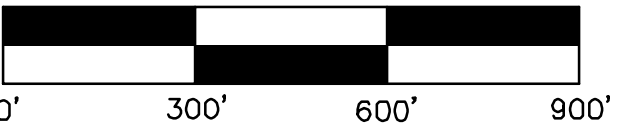
NOTE: PLANS DO NOT DETAIL VARIOUS COUNTY/TOWNSHIP ROAD SECTION UPGRADES OR WIDENING REQUIRED FOR CONSTRUCTION DELIVERIES PER THE ROAD MAINTENANCE AGREEMENT BETWEEN PROJECT OWNER AND PAULDING COUNTY.

|                          |                         |
|--------------------------|-------------------------|
| <b>Designed:</b>         | <b>KLG</b>              |
| <b>Checked:</b>          | <b>SPB</b>              |
| <b>Drawn:</b>            | <b>KLG</b>              |
| <b>As-Built Drawing:</b> |                         |
| <b>Revisions:</b>        | <b>DATE DESCRIPTION</b> |
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Gamesa  
1150 Northbrook Drive, Suite 150  
Feasterville Trevose, PA 19053

STARWOOD  
ENERGY GROUP  
591 West Putnam Avenue  
Greenwich, CT 06830



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Ohio Wind  
Project  
Paulding, Ohio

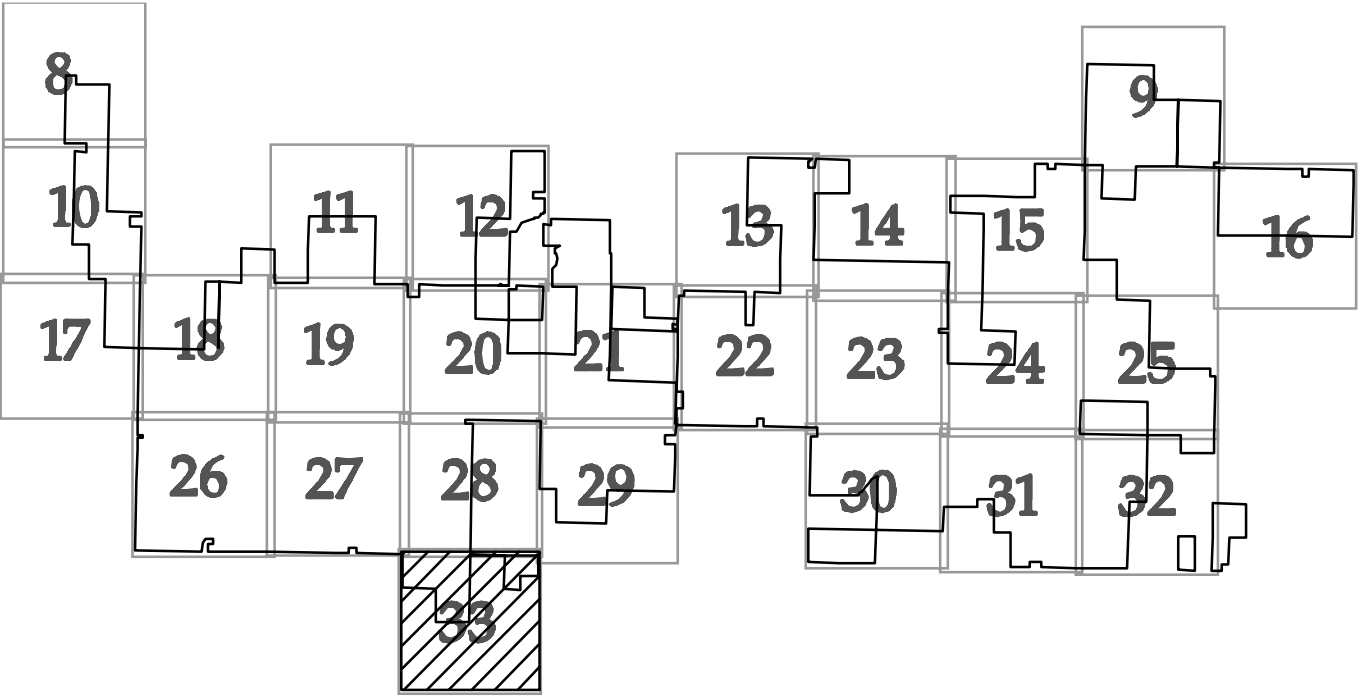
Civil Site Plan

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 33 OF 37



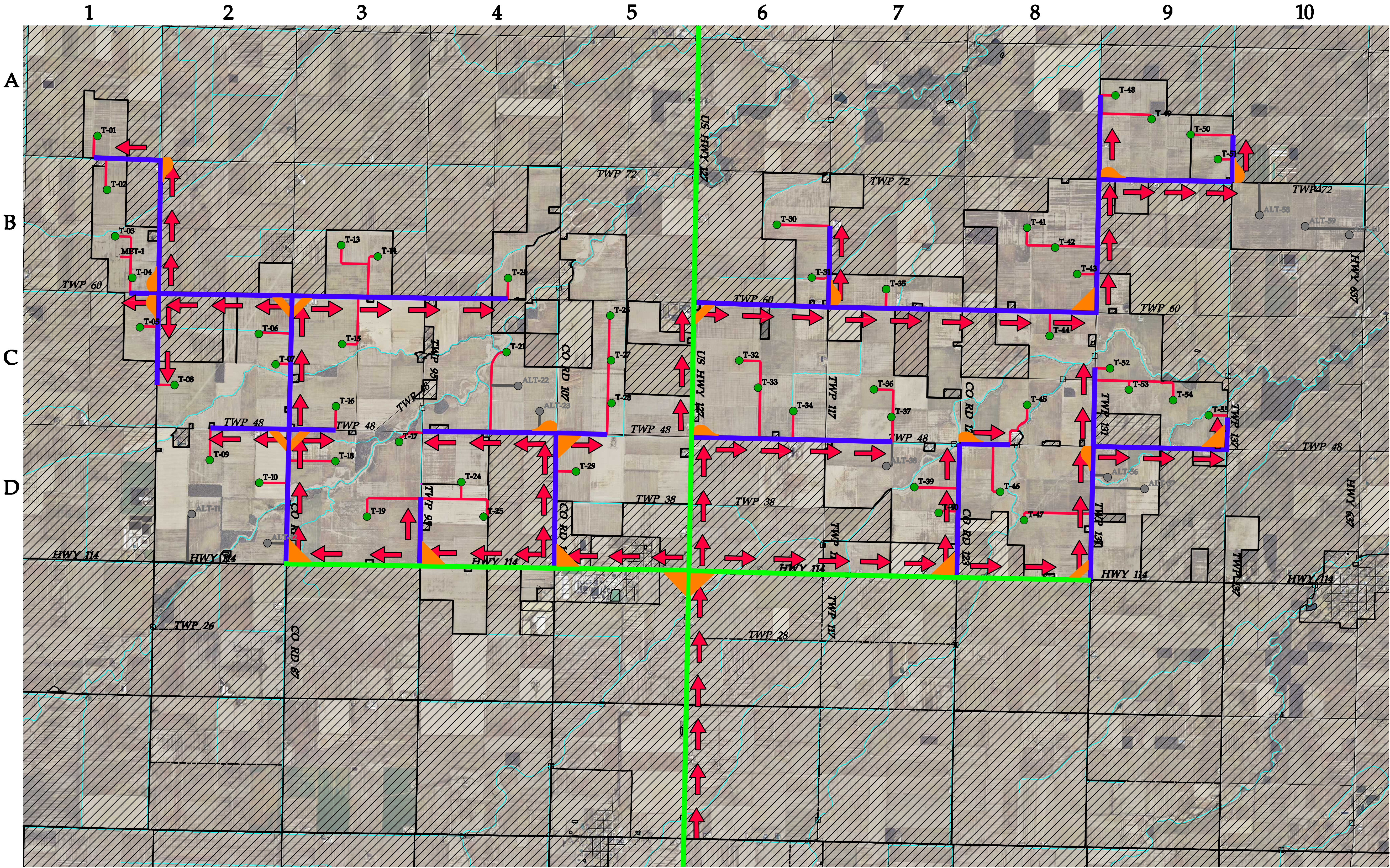
KEY MAP




LEGEND:

| INTERSECTION TYPE | QUANTITY |
|-------------------|----------|
| TYPE A            | 10       |
| TYPE B            | 9        |
| TYPE C            | 6        |

- PROPOSED TURBINE LOCATION
- PROPOSED TURBINE NUMBER
- PROPOSED ALTERNATE TURBINE LOCATION
- PROPOSED ALTERNATE TURBINE NUMBER
- PROPOSED ACCESS ROADS
- POTENTIAL HAUL ROAD (COUNTY/TOWNSHIP ROAD)
- POTENTIAL HAUL ROAD (US/STATE HIGHWAY)
- EXISTING DRAINAGE WAY
- OUTSIDE PROJECT BOUNDARY
- DELIVERY DIRECTION






Westwood Professional Services, Inc.  
7699 Anagram Drive  
Eden Prairie, MN 55344  
PHONE 952-937-5150  
FAX 952-937-5822  
TOLL FREE 1-888-937-5150  
www.westwoodps.com

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|-------------------|-------------|
| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
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Prepared for:



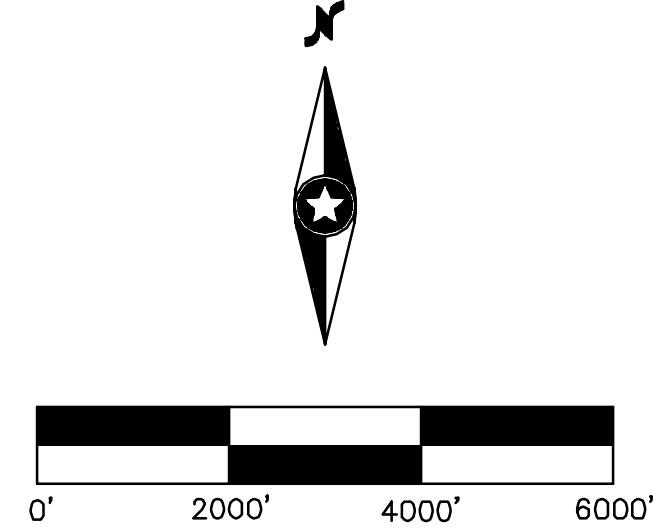
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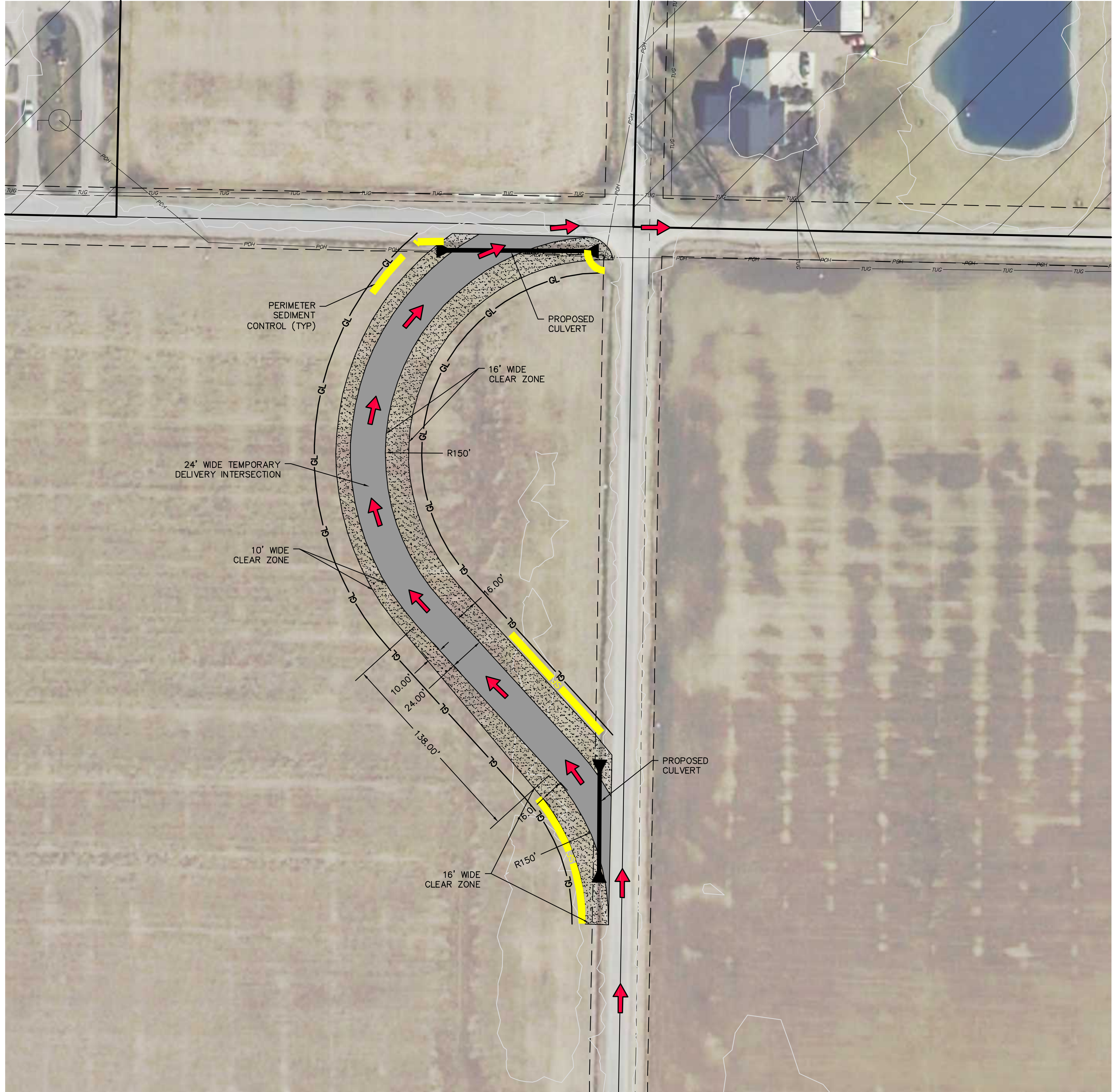
# Northwest Ohio Wind Project

Paulding, Ohio

## Turbine Delivery and Public Intersection Plan

**Not For Construction**  
Array Date: 11/11/2014  
Date: 02/06/2015  
Sheet: 34 OF 37






**LEGEND:**

- PUBLIC TEMPORARY INTERSECTION DRIVE SURFACE
- INTERSECTION CLEAR ZONE
- OUT OF PROJECT BOUNDARY
- PROPOSED CRANE PATH
- GL
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING OVERHEAD POWER
- POH
- EXISTING CULVERT
- 980
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- PROPOSED CULVERT
- DELIVERY DIRECTION

NOTE: 150' RADII IS A ASSUMED VALUE. DESIGN RADII MAY CHANGE BASED ON GAMESA'S TURBINE DELIVERY SPECIFICATIONS.


|                   |             |
|-------------------|-------------|
| Designed:         | KLG         |
| Checked:          | SPB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
| Revisions:        |             |
| DATE              | DESCRIPTION |
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Prepared for:



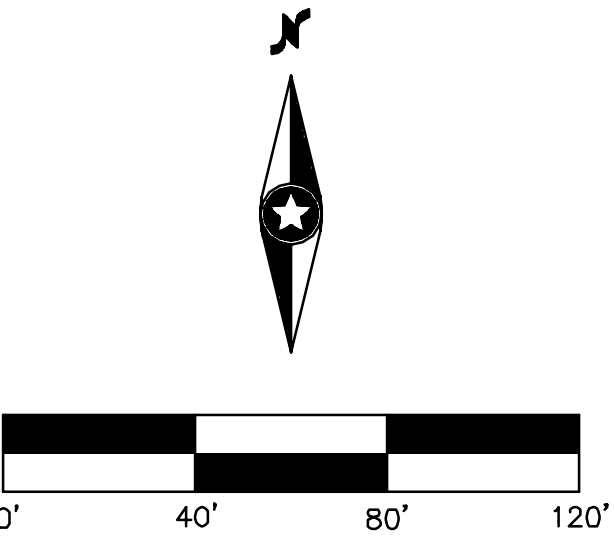
Gamesa

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Ohio Wind  
Project  
Paulding, Ohio

Intersection Type A

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 35 OF 37





- LEGEND:**
- PUBLIC TEMPORARY INTERSECTION DRIVE SURFACE
  - INTERSECTION CLEAR ZONE
  - OUT OF PROJECT BOUNDARY
  - PROPOSED CRANE PATH
  - PROPOSED DISTURBANCE LIMITS
  - PROPOSED EROSION/SEDIMENT CONTROL
  - EXISTING OVERHEAD POWER
  - EXISTING CULVERT
  - EXISTING 10' CONTOURS
  - EXISTING 2' CONTOURS
  - PROPOSED CULVERT
  - DELIVERY DIRECTION

NOTE: 150' RADII IS A ASSUMED VALUE. DESIGN RADII MAY CHANGE BASED ON GAMESA'S TURBINE DELIVERY SPECIFICATIONS.

|                   |             |
|-------------------|-------------|
| Designed:         | KLG         |
| Checked:          | SJB         |
| Drawn:            | KLG         |
| As-Built Drawing: |             |
| Revisions:        |             |
| DATE              | DESCRIPTION |
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|                   |             |

Prepared for:

**Gamesa**

1150 Northbrook Drive, Suite 150  
Feasterville Trevose, PA 19053

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ENERGY GROUP

591 West Putnam Avenue  
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# Northwest Ohio Wind Project

Paulding, Ohio

Intersection Type B

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 36 OF 37






**LEGEND:**

- PUBLIC TEMPORARY INTERSECTION DRIVE SURFACE
- INTERSECTION CLEAR ZONE
- OUT OF PROJECT BOUNDARY
- PROPOSED CRANE PATH
- GL
- PROPOSED DISTURBANCE LIMITS
- PROPOSED EROSION/SEDIMENT CONTROL
- EXISTING OVERHEAD POWER
- EXISTING CULVERT
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- PROPOSED CULVERT
- DELIVERY DIRECTION

NOTE: 150' RADII IS A ASSUMED VALUE. DESIGN RADII MAY CHANGE BASED ON GAMESA'S TURBINE DELIVERY SPECIFICATIONS.


|                          |                    |
|--------------------------|--------------------|
| <b>Designed:</b>         | <b>KLG</b>         |
| <b>Checked:</b>          | <b>SPB</b>         |
| <b>Drawn:</b>            | <b>KLG</b>         |
| <b>As-Built Drawing:</b> |                    |
| <b>Revisions:</b>        |                    |
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Prepared for:

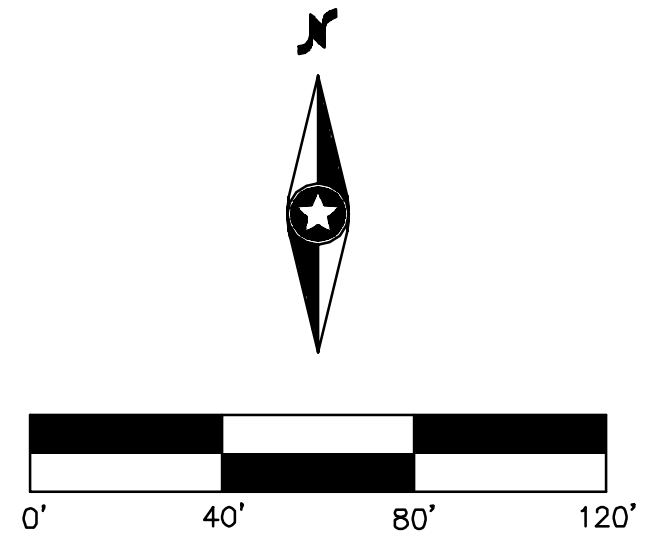


Gamesa

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Northwest  
Ohio Wind  
Project  
Paulding, Ohio

Intersection Type C

Not For Construction

Array Date: 11/11/2014

Date: 02/06/2015

Sheet: 37 OF 37



# **Attachment F**

## **Training Documentation**



# Stormwater Pollution Prevention Training Log

Project Name:

Project Location:

Instructor's Name(s):

Instructor's Title(s):

Course Location:

Date of Course:

Course Length(hours):

Stormwater Training Topic: (check as appropriate)

- |  |   |
|--|---|
| <input type="checkbox"/> Sediment and Erosion Controls | <input type="checkbox"/> Emergency Procedures           |
| <input type="checkbox"/> Stabilization Controls        | <input type="checkbox"/> Inspections/Corrective Actions |
| <input type="checkbox"/> Pollution Prevention Measures | <input type="checkbox"/> Stormwater Runoff Sampling     |

Specific Training Objective(s):

---

---

---

---

**Attendee Roster:** (attach additional pages as necessary)

| No. | Name of Attendee | Company |
|-----|------------------|---------|
| 1   |                  |         |
| 2   |                  |         |
| 3   |                  |         |
| 4   |                  |         |
| 5   |                  |         |
| 6   |                  |         |
| 7   |                  |         |
| 8   |                  |         |
| 9   |                  |         |
| 10  |                  |         |



# **Attachment G**

## **Inspection and Maintenance Forms**





## Construction Site Inspection Checklist for OHC000004

By making use of some simple Best Management Practices (BMPs) a construction site operator can do his or her share to protect Ohio's water resources from the harmful effects of sediment. The topography of the site and the extent of the construction activities will determine which of these practices are applicable to any given site, but the BMPs listed here are applicable to most construction sites. For details on the installation and maintenance of these BMPs, please refer to the current ***Rainwater and Land Development, Ohio's Standards for Storm Water Management Land Development and Urban Stream Protection*** by the Ohio Department of Natural Resources (ODNR) Division of Soil and Water Conservation. The manual is available at <http://ohiodnr.com/soilandwater/water/rainwater/default/tabid/9186/Default.aspx> or by contacting your county Soil and Water Conservation District.

### Temporary Stabilization

This is the most effective BMP. All disturbed areas that will lie dormant for over 14 days must be stabilized within 7 days of the date the area becomes inactive. The goal of temporary stabilization is to provide cover, quickly. Areas within 50 feet of a stream must be stabilized within 2 days of inactivity. This is accomplished by seeding with fast-growing grasses then covering with straw mulch. Apply only mulch between November 1 and March 31. To minimize your costs of temporary stabilization, leave natural cover in place for as long as possible. Only disturb areas you intend to work within the next 14 days.

### Construction Entrances

Construction entrances are installed to minimize off-site tracking of sediments. A stone access drive should be installed at every point where vehicles enter or exit the site. Every individual lot should also have its own drive once construction on the lot begins.

### Sediment Ponds

Sediment ponds are required for construction areas with concentrated runoff, when the design capacity of silt fence or inlet protection is exceeded, or for drainage areas with 10 or more disturbed areas. There are two types of sediment ponds: sediment basins and sediment traps. A sediment trap is appropriate where the contributing drainage area is 10 acres or less. The outlet is an earthen embankment with a simple stone spillway. A sediment basin is appropriate for drainage areas larger than 10 acres. The outlet is an engineered riser pipe with a skimmer or similar device used to dewater the pond at the surface. Often a permanent storm water management pond, such as a retention or detention basin, can be modified to act as a sediment basin during construction. All sediment ponds must be installed within 7 days of first grubbing the area they control, provide a minimum dewatering zone of 67 cubic yards per acre of total contributing drainage area and a sediment settling zone of 34 cubic yards per disturbed acre below the level of the outlet. Sediment basins must be designed to drain the dewatering zone over a 48-hour period.

### Silt Fence

This is typically used at the perimeter of a disturbed area. It's only for small drainage areas on relatively flat slopes or around small soil storage piles. Not suitable where runoff is concentrated in a ditch, pipe or through streams. For large drainage areas where flow is concentrated, collect runoff in diversion berms or channels and pass it through a sediment pond prior to discharging it from the site. Combination barriers constructed of silt fence supported by straw bales or silt fence embedded within rock check dams may be effective within small channels. As with all sediment controls, silt fence must be capable of pooling runoff so that sediment can settle out of suspension. Silt fence must be installed within 7 days of first grubbing the area it controls.

### Inlet Protection

This must be installed on all yard drains and curb drains when these inlets do not drain to a sediment trap or basin. Even if there is a sediment trap or basin, inlet protection is still recommended, as it will increase the overall sediment removal efficiency. These are best used on roads with little or no traffic. If working properly, inlet protection will cause water to pond. If used on curb inlets, streets will flood temporarily during heavy storms. Check with your municipality before installing curb inlet protection. They may prefer an alternate means of sediment control such as silt fence or ponds.

### Permanent Stabilization

All areas at final grade must be permanently stabilized within 7 days of reaching final grade. This is usually accomplished by using seed and mulch, but special measures are sometimes required. This is particularly true in drainage ditches or on steep slopes. These measures include the addition of topsoil, erosion control matting, rock rip-rap or retaining walls. Permanent seeding should be done March 1 to May 31 and August 1 to September 30. Dormant seeding can be done from November 20 to March 15. At all other times of the year, the area should be temporarily stabilized until a permanent seeding can be applied.

### Non-Sediment Pollution Control

Although sediment is the pollutant of greatest concern on most construction sites, there are other sources of pollution. Most of these BMPs are easy to implement with a little bit of planning and go a long way toward keeping your site clean and organized. Please be sure to inform all contractors how these BMPs affect their operations on the site, particularly those that will be working near a stream.



---

## Inspection Sheet

**INSPECTIONS MUST BE CONDUCTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL. ALL SEDIMENT CONTROLS MUST BE INSTALLED PRIOR TO GRADING AND WITHIN 7 DAYS OF FIRST GRUBBING**

### GENERAL INSPECTION INFORMATION

Construction Site Inspection Date: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

Inspector Title: \_\_\_\_\_ Qualifications/Certifications: \_\_\_\_\_

#### Storm Events of the Last 7 Days

| Storm Event Date | Storm Event Time | Storm Event Duration | Total Rainfall Amount<br>(inches) | Discharge Occur? (Y/N) |
|------------------|------------------|----------------------|-----------------------------------|------------------------|
| _____            | _____            | _____                | _____                             | _____                  |
| _____            | _____            | _____                | _____                             | _____                  |
| _____            | _____            | _____                | _____                             | _____                  |
| _____            | _____            | _____                | _____                             | _____                  |

#### Weather Information at the Time of Inspection

Temperature \_\_\_\_\_ Climate (Sunny, Cloudy, Rain)? \_\_\_\_\_ Is Storm Water Being Discharged? \_\_\_\_\_

#### Sketch or Small Site Map

Along with a narrative inspection log, Ohio EPA recommends the inspector use a sketch or a reduced photocopy of the site plan showing the location of storm water outfalls and storm drain inlets as well as the location and types of control measures. Problems observed at these locations, or at other locations on the construction site, should be highlighted and any corrective measures undertaken should be drawn in and noted in detail on the front side of the sketch. This method will also be helpful as the permittee is required to update the SWP3 to reflect current site conditions.

### CONSTRUCTION ENTRANCES

#### Key things to look for ...

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Has the drive been constructed by placing geotextile fabric under the stone?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the stone 2-inch diameter?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Has the stone been placed to a depth of 6 inches, with a width of 10 feet and a length of at least 50 feet (30 feet for entrances onto individual sublots)? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. If the drive is placed on a slope, has a diversion berm been constructed across the drive to divert runoff away from the street or water resource?          | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. If drive is placed across a ditch, was a culvert pipe used to allow runoff to flow across the drive?  | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:



## SEDIMENT PONDS

### Key things to look for ...

|   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| 1. Are concentrated flows of runoff directed to a sediment pond?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is sheet-flow runoff from drainage areas that exceed the design capacity of silt fence (generally 0.25 acre or larger) directed to a sediment pond?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is runoff being collected and directed to the sediment pond via the storm sewer system or via a network of diversion berms and channels?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is the sediment pond dewatering zone appropriately sized (67 cubic yards per acre of total drainage area)?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is the sediment pond sediment settling zone appropriately sized (34 cubic yards per acre of disturbed area)?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the sediment basin designed to be dewatered at the surface through the use of a skimmer or another similar surface water dewatering device?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Is the sediment basin designed so that the dewatering zone will drain in no less time than 48 hours?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Have the embankments of the sediment pond and the areas that lie downstream of the pond been stabilized?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. For sediment basins that dewater 100% between storms, is the riser pipe wrapped with chicken wire and double wrapped with geotextile fabric?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Does the riser have 1-inch diameter holes spaced 4 inches apart, both horizontally and vertically?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. For sediment basins, which dewater 60% between storms, is the diameter of the dewatering hole per plan (see Chapter 6 of <i>Rainwater</i> manual)?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. For sediment traps, is there geotextile under the stone spillway and is the spillway saddle-shaped?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. For sediment traps, which dewater 100% between storms, is the dewatering pipe end-capped, no larger than 6 inches in diameter, perforated and double-wrapped in geotextile?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Is the length-to-width ratio between inlet(s) and outlet at least 2:1? <b>NOTE:</b> If not, a baffle should be added to lengthen the distance.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Is the depth from the bottom of the basin to the top of the primary spillway no more than 3 to 5 feet?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. For a modified storm water pond being used as a sediment pond, is the connection between the riser pipe and the permanent outlet water-tight?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Was the basin installed prior to grading the site?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Is it time to clean-out the sediment pond to restore its original capacity? Generally, sediment should be removed from the sediment settling zone once it's half-full. Stabilize the dredged sediments with seed and mulch. | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:

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## SILT FENCE

### Key things to look for ...

|   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| 1. Is the fence at least 4" to 6" into the ground?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the trench backfilled to prevent runoff from cutting underneath the fence?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the fence pulled tight so it won't sag when water builds up behind it?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Are the ends brought upslope of the rest of the fence so as to prevent runoff from going around the ends?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is the fence placed on a level contour? If not, the fence will only act as a diversion.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Have all the gaps and tears in the fence been eliminated.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Is the fence controlling an appropriate drainage area? Refer to Chapter 6 of <b>Rainwater</b> manual.  | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>RULE OF THUMB:</b> Design capacity for 100 linear feet of silt fence is 0.5 acres for slopes < 2%, 0.25 acres for slopes 2% to 20%, & 0.125 acres for slopes 20% or more. Generally, no more than 0.25 acres should lie behind 100 feet of fence at 2% to 10% slope, i.e., the distance between the fence and the top of the slope behind it should be no more than 125 feet. The allowable distance increases on flatter slopes and decreases for steeper slopes. |                          |                          |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:

## INLET PROTECTION

### Key things to look for ...

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Does water pond around the inlet when it rains?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Has the fabric been replaced when it develops tears or sags?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. For curb inlet protection, does the fabric cover the entire grate, including the curb window?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. For yard inlet protection, does the structure encircle the entire grate?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is the fabric properly entrenched or anchored so that water passes through it and not under it?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. For yard inlet protection, is the fabric properly supported to withstand the weight of water and prevent sagging? The fabric should be supported by a wood frame with cross braces, or straw bales. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Is sediment that has accumulated around the inlet removed on a regular basis?   | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:



## TEMPORARY STABILIZATION

### Key things to look for ...

|   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| 1. Are there any areas of the site that are disturbed, but will likely lie dormant for over 14 days?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Have all dormant, disturbed areas been temporarily stabilized in their entireties?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Have disturbed areas outside the silt fence been seeded or mulched?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Have soil stockpiles that will sit for over 14 days been stabilized?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Has seed and mulch been applied at the proper rate? In general, seed is applied at 3 to 5 lbs per 1000 sq ft and straw mulch is applied at 2-3 bales per 1000 sq ft. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Has seed or mulch blown away? If so, repair.   | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:

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## PERMANENT STABILIZATION

### Key things to look for ...

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Are any areas at final grade?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Has the soil been properly prepared to accept permanent seeding?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Has seed and mulch been applied at the appropriate rate (see Chapter 7 of the <i>Rainwater</i> manual)?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. If rainfall has been inadequate, are seeded areas being watered?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. For drainage ditches where flow velocity exceeds 3.5 ft/s from a 10-year, 24-hour storm has matting been applied to the ditch bottom?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. If the flow velocity exceeds 5.0 ft/s, has the ditch bottom been stabilized with rock rip-rap?<br><b>NOTE:</b> Rock check dams may be needed to slow the flow of runoff.          | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Has rock rip-rap been placed under all storm water outfall pipes to prevent scouring in the receiving stream or erosion of the receiving channel?                                 | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. For sites with steep slopes or fill areas, is runoff from the top of the site conveyed to the bottom of the slope or fill area in a controlled manner so as not to cause erosion? | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:

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## NON-SEDIMENT POLLUTION CONTROL

### Key things to look for ...

|   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| 1. Has an area been designated for washing out concrete trucks? Washings must be contained on site within a bermed area until they harden. The washings should never be directed toward a watercourse, ditch or storm drain.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is waste and packaging disposed of in a dumpster? Do not burn them on site.  | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Are fuel tanks and drums of toxic and hazardous materials stored within a diked area or trailer and away from any watercourse, ditch or storm drain?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Are streets swept as often as necessary to keep them clean and free from sediment? NOTE: Sediment should be swept back onto the lot - not down the storm sewers.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Are stockpiles of soil or other materials stored away from any watercourse, ditch or storm drain?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Have stream crossings been constructed entirely of non-erodible material?  | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. If an area of the site is being dewatered, is it being pumped from a sump pit or is the discharge directed to a sediment pond? <b>NOTE:</b> if you must lower ground water, the water may be discharged to the receiving stream as long as the water remains clean. Be sure not to co-mingle the clean ground water with sediment-laden water or to discharge it off-site by passing it over disturbed ground. | <input type="checkbox"/> | <input type="checkbox"/> |

Note areas where repairs or maintenance is needed or where this practice needs to be applied:

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# **Attachment H**

## **Endangered Species and Cultural Resource Documentation**





John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

Sep 13, 2017

White Construction, Inc.  
Alan Downes  
3900 East White Avenue  
Clinton, IN 47842

Re: Approval Under Ohio EPA National Pollutant Discharge Elimination System (NPDES) - Construction Site Stormwater General Permit - OHC000004

Dear Applicant,

Your NPDES Notice of Intent (NOI) application is approved for the following facility/site. Please use your Ohio EPA Facility Permit Number in all future correspondence.

|   |  |
|---|--|
| <b>Facility Name:</b>                   | Northwest Ohio Wind Project            |
| <b>Facility Location:</b>               | Intersection of US Hwy 127 and CoRd 48 |
| <b>City:</b>                            | Haviland                               |
| <b>County:</b>                          | Paulding                               |
| <b>Township:</b>                        | Paulding                               |
| <b>Ohio EPA Facility Permit Number:</b> | 2GC05032*AG                            |
| <b>Permit Effective Date:</b>           | Sep 13, 2017                           |

Please read and review the permit carefully. The permit contains requirements and prohibitions with which you must comply. Coverage under this permit will remain in effect until a renewal of the permit is issued by the Ohio EPA.

If more than one operator (defined in the permit) will be engaged at the site, each operator shall seek coverage under the general permit. Additional operator(s) shall submit a Co-Permittee NOI to be covered under this permit. There is no fee associated with the Co-Permittee NOI form.

Please be aware that this letter only authorizes discharges in accordance with the above referenced NPDES CGP. The placement to fill into regulated waters of the state may require a 401 Water Quality Certification and/or Isolated Wetlands Permit from Ohio EPA. Also, a Permit-To-Install (PTI) is required for the construction of sanitary or industrial wastewater collection, conveyance, storage, treatment, or disposal facility; unless a specific exemption by rule exists. Failure to obtain the required permits in advance is a violation of Ohio Revised Code 6111 and potentially subjects you to enforcement and civil penalties.

To view your electronic submissions and permits please Logon in to the Ohio EPA's eBusiness Center at <http://ebiz.epa.ohio.gov>.

If you need assistance or have questions please call (614) 644-2001 and ask for Construction Site Stormwater General Permit support or visit our website at <http://www.epa.ohio.gov>.

Sincerely,

Craig W. Butler  
Director



**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**9/18/2017 4:37:53 PM**

**in**

**Case No(s). 13-0197-EL-BGN, 16-1687-EL-BGA, 17-1099-EL-BGA**

Summary: Notification of Supplement to September 15, 2017 Filing Regarding Notification of Compliance with Condition 27 – NPDES Permits (Part 2 of 2) electronically filed by Mr. William V Vorys on behalf of Trishe Wind Ohio, LLC