



HORIZONTAL SITE DISTANCE NOTES:

- 1. ASSUMED SPEED LIMIT OF ROADS IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE IS 495 FT.
- 3. IF THERE IS A CURVE WITH OBSTRUCTIONS THAT WOULD POTENTIALLY IMPEDE VISIBILITY, THE FOLLOWING EQUATION WOULD BE USED FOR VISIBILITY VERIFICATION:
 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

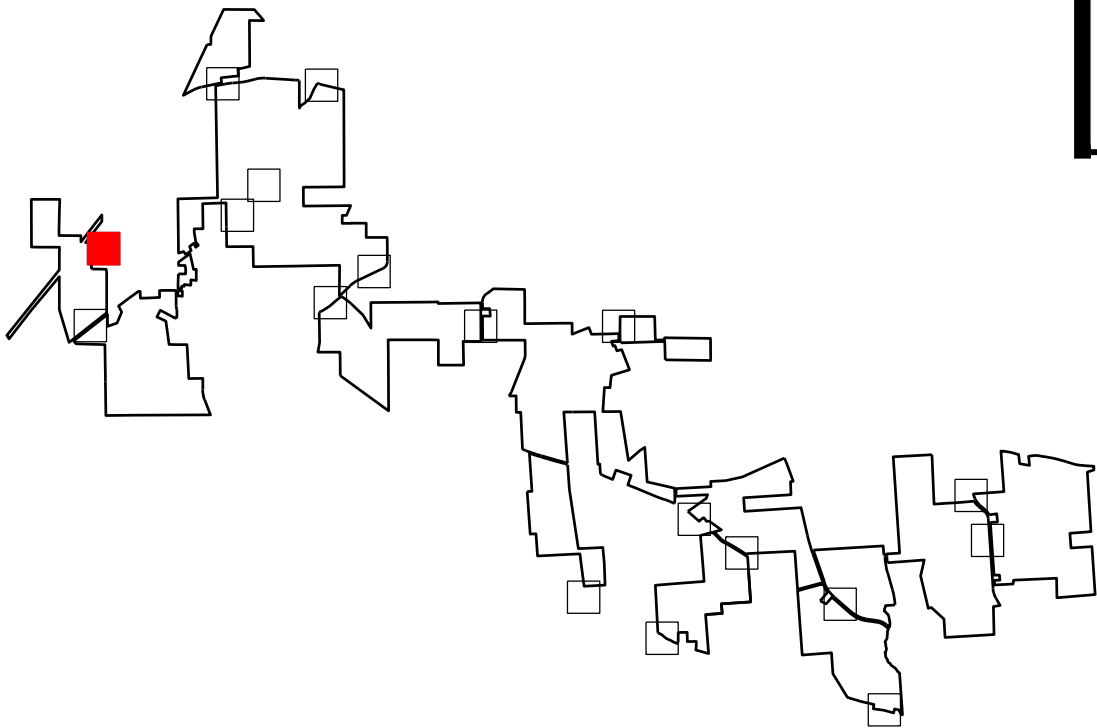
HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

- 1. ASSUMED SPEED LIMIT OF ROADS IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
- 2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 610 FT.
- 3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: **PASS**

KEY MAP:



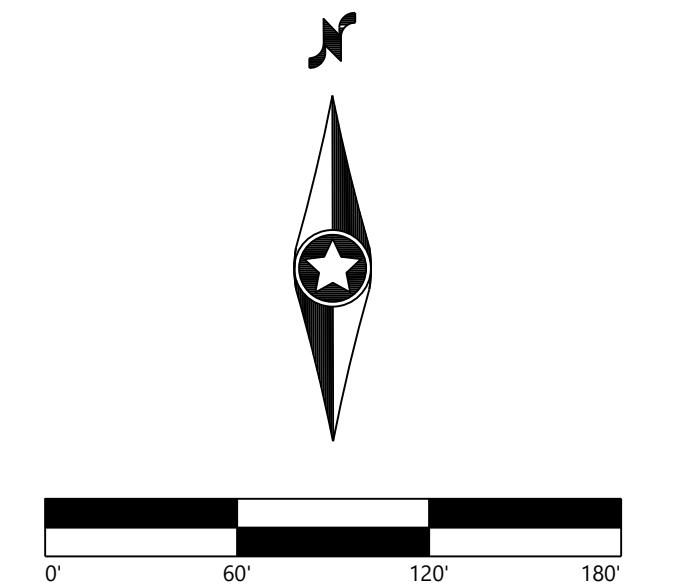
EOR: Alejandro Alvarado, PE

PREPARED FOR:

Hoffman Falls Wind LLC

90 State Street
Albany, NY 12207

REVISIONS:					
#	DATE	COMMENT	BY	CHK	APR
A	01/10/2024	60% CIVIL PLANS	HR	HR	AL
B	01/31/2024	FOR PERMIT	HR	HR	AL



Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-1

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.1

REV: B



HORIZONTAL SITE DISTANCE NOTES:

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HORIZONTAL SITE DISTANCE: **PASS**

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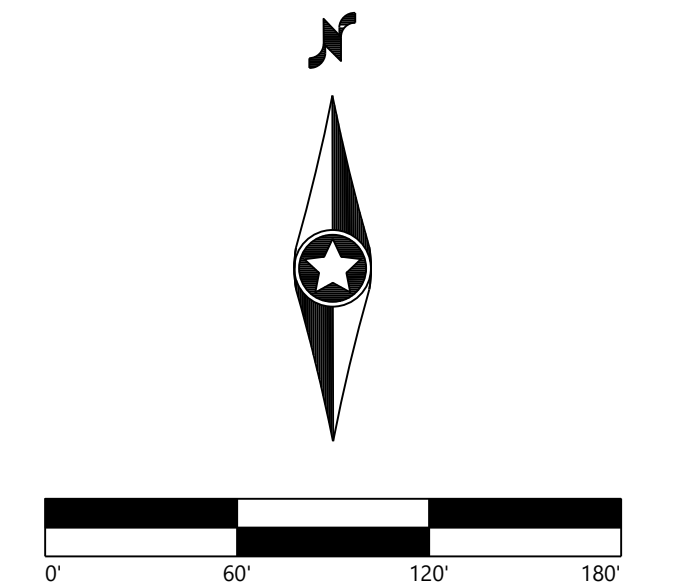
VERTICAL SITE DISTANCE: **PASS**

EOR: Alejandro Alvarado, PE
PREPARED FOR:

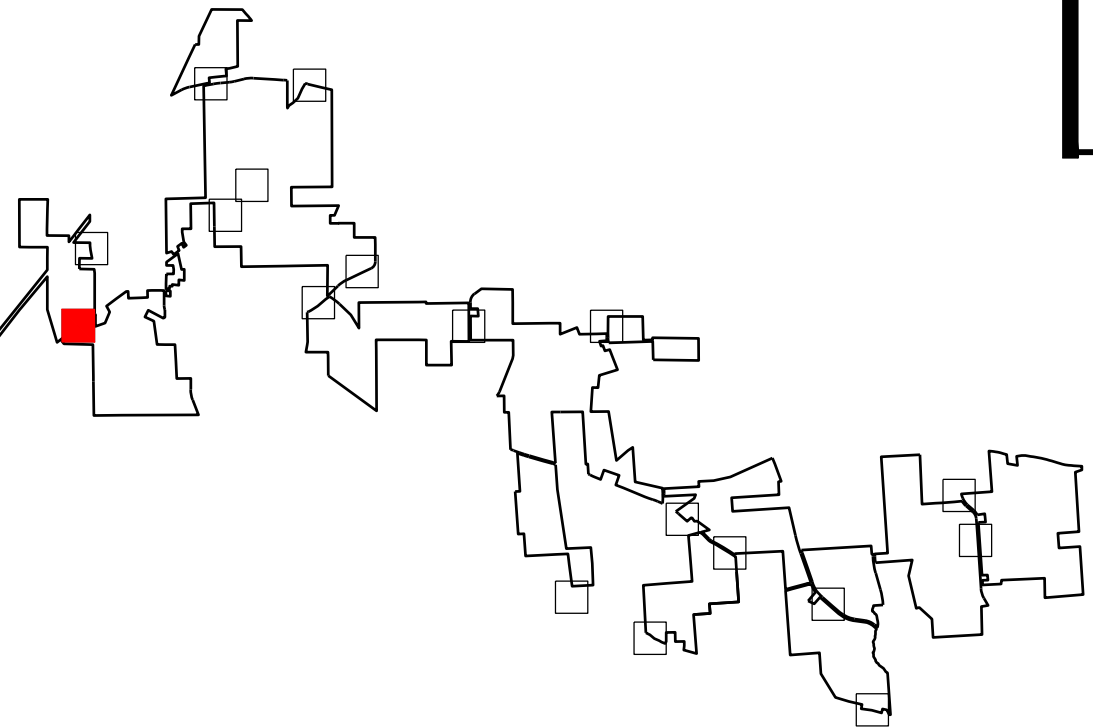
Hoffman Falls Wind LLC

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B	01/31/2024	FOR PERMIT	HR	HR	AL	



KEY MAP:



Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-2

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.2	B



HORIZONTAL SITE DISTANCE NOTES:

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D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

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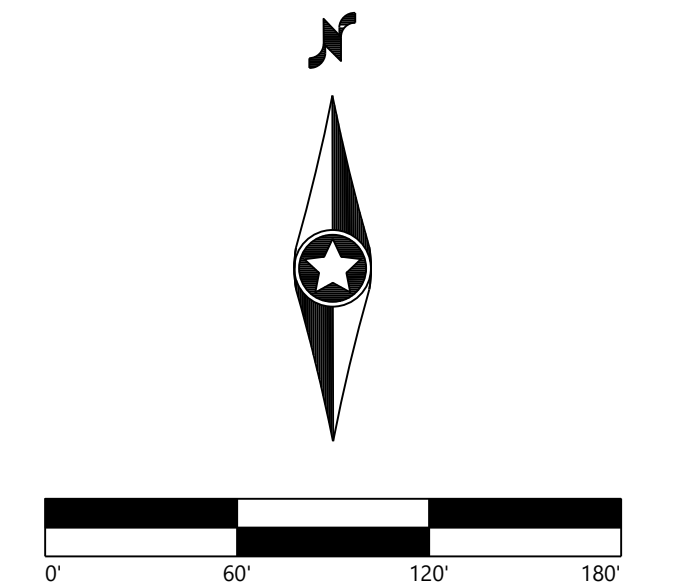
VERTICAL SITE DISTANCE: PASS

EOR: Alejandro Alvarado, PE
PREPARED FOR:

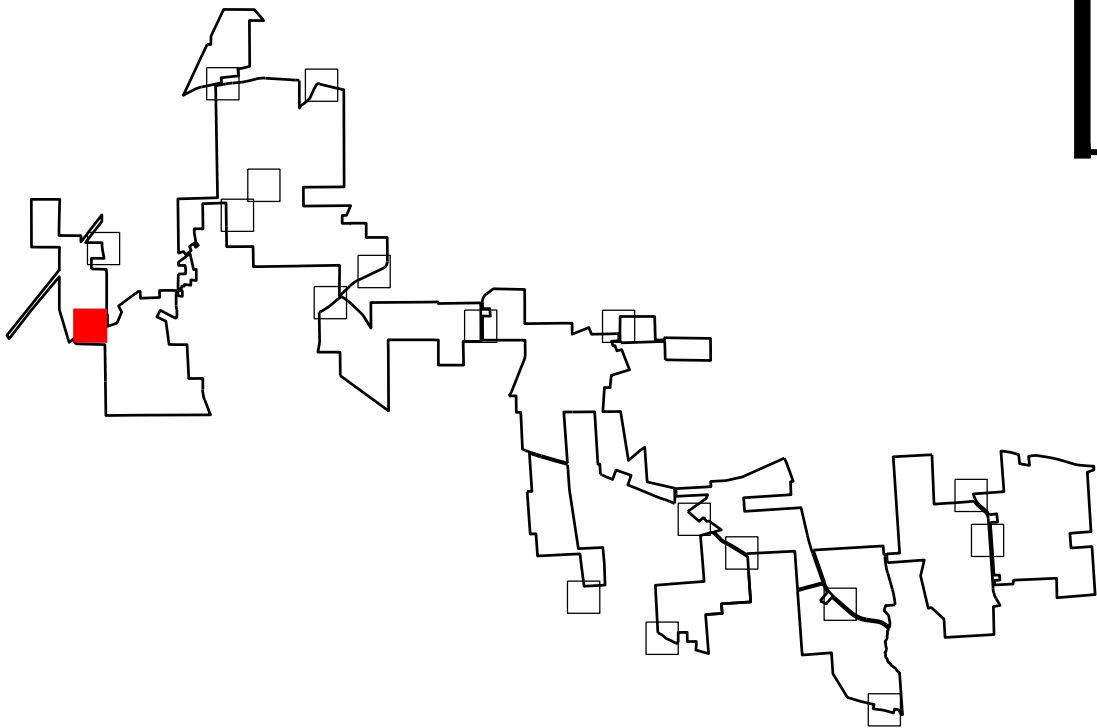
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KEY MAP:



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-4**

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.3	B



HORIZONTAL SITE DISTANCE NOTES:

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D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

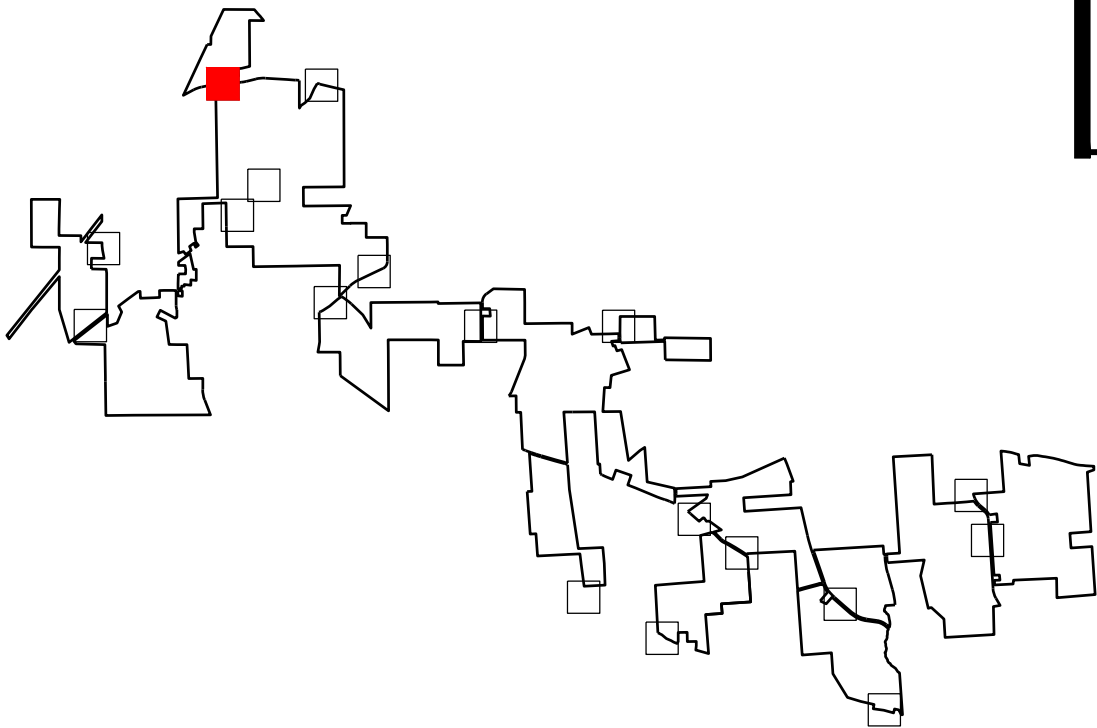
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE IS ON THE PEAK OF A HILL THAT DOES NOT MEET THE 610 FT. REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 650 FEET ON EITHER SIDE OF THE ENTRANCE.

KEY MAP:

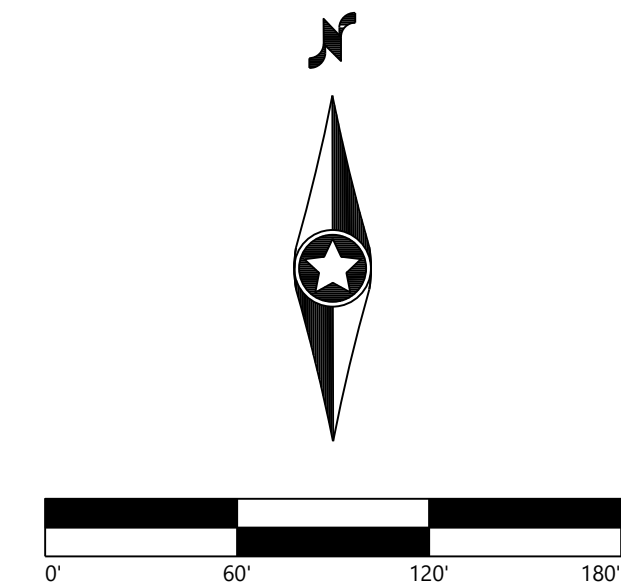


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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-5**

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.4	B



HORIZONTAL SITE DISTANCE NOTES:

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HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

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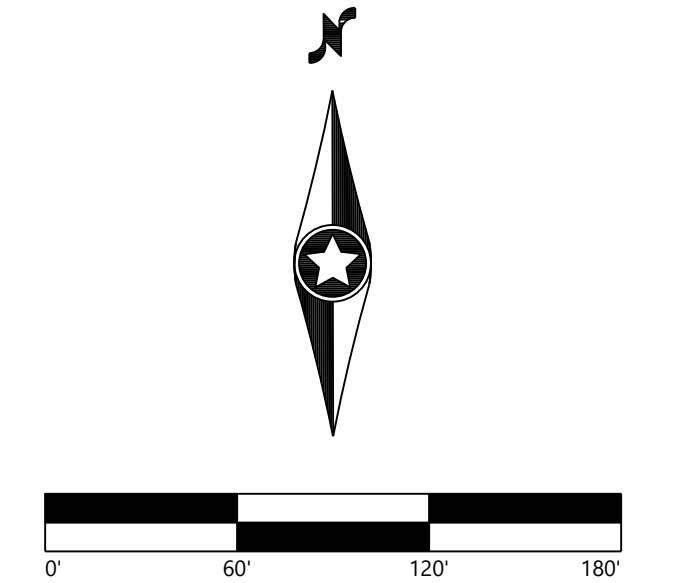
VERTICAL SITE DISTANCE: PASS

EOR: Alejandro Alvarado, PE
PREPARED FOR:

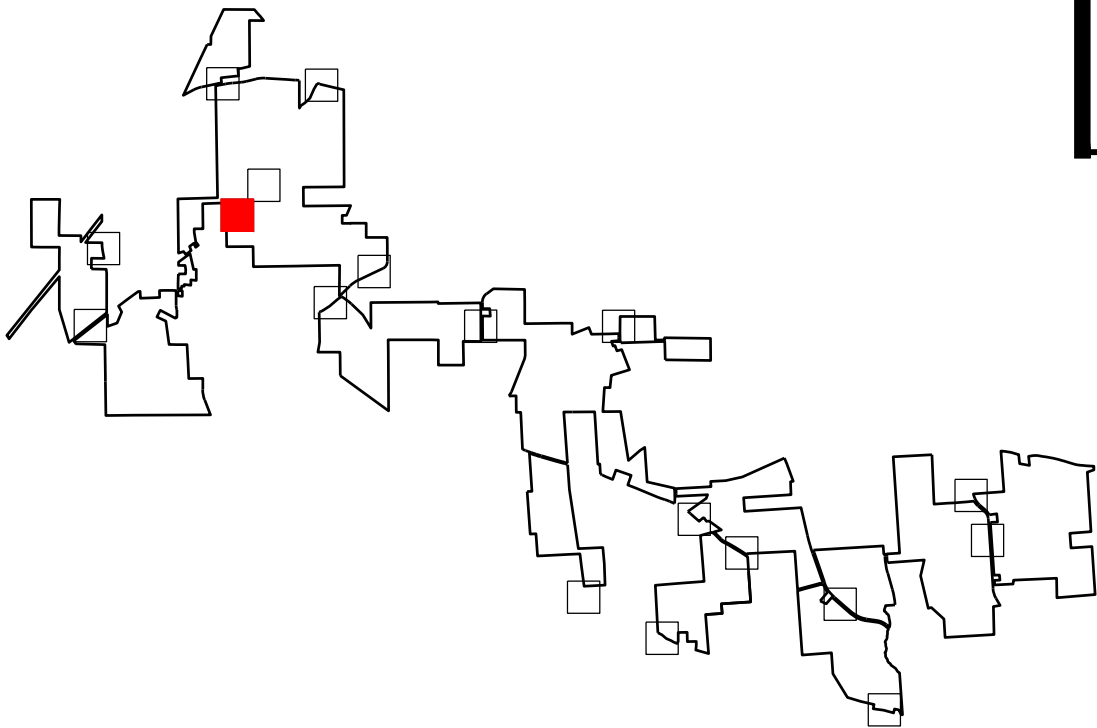
Hoffman Falls Wind LLC

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B	01/31/2024	FOR PERMIT	HR	HR	AL



KEY MAP:



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-6**

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.5	B



HORIZONTAL SITE DISTANCE NOTES:

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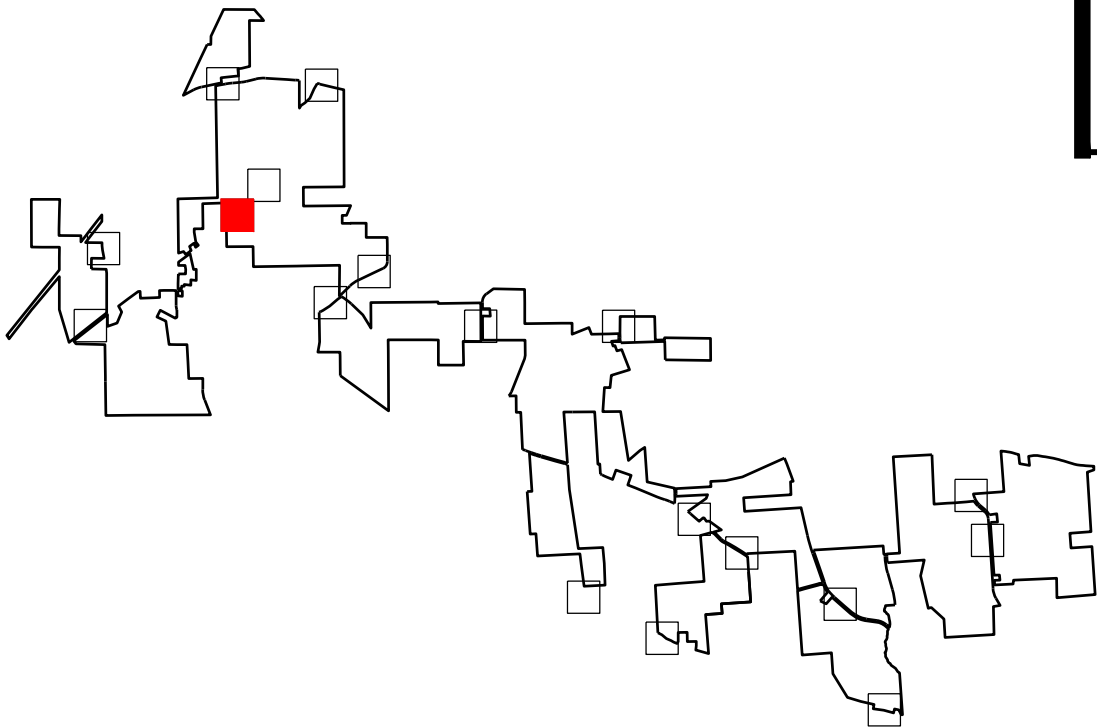
HORIZONTAL SITE DISTANCE: PASS

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VERTICAL SITE DISTANCE: PASS

KEY MAP:

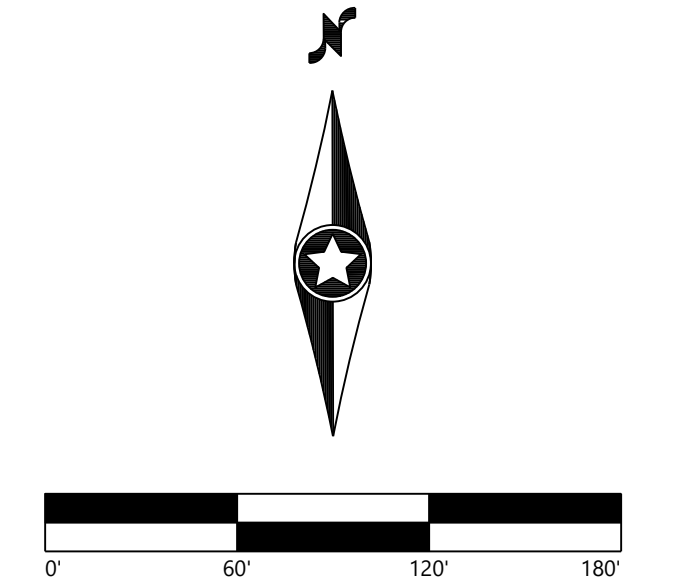


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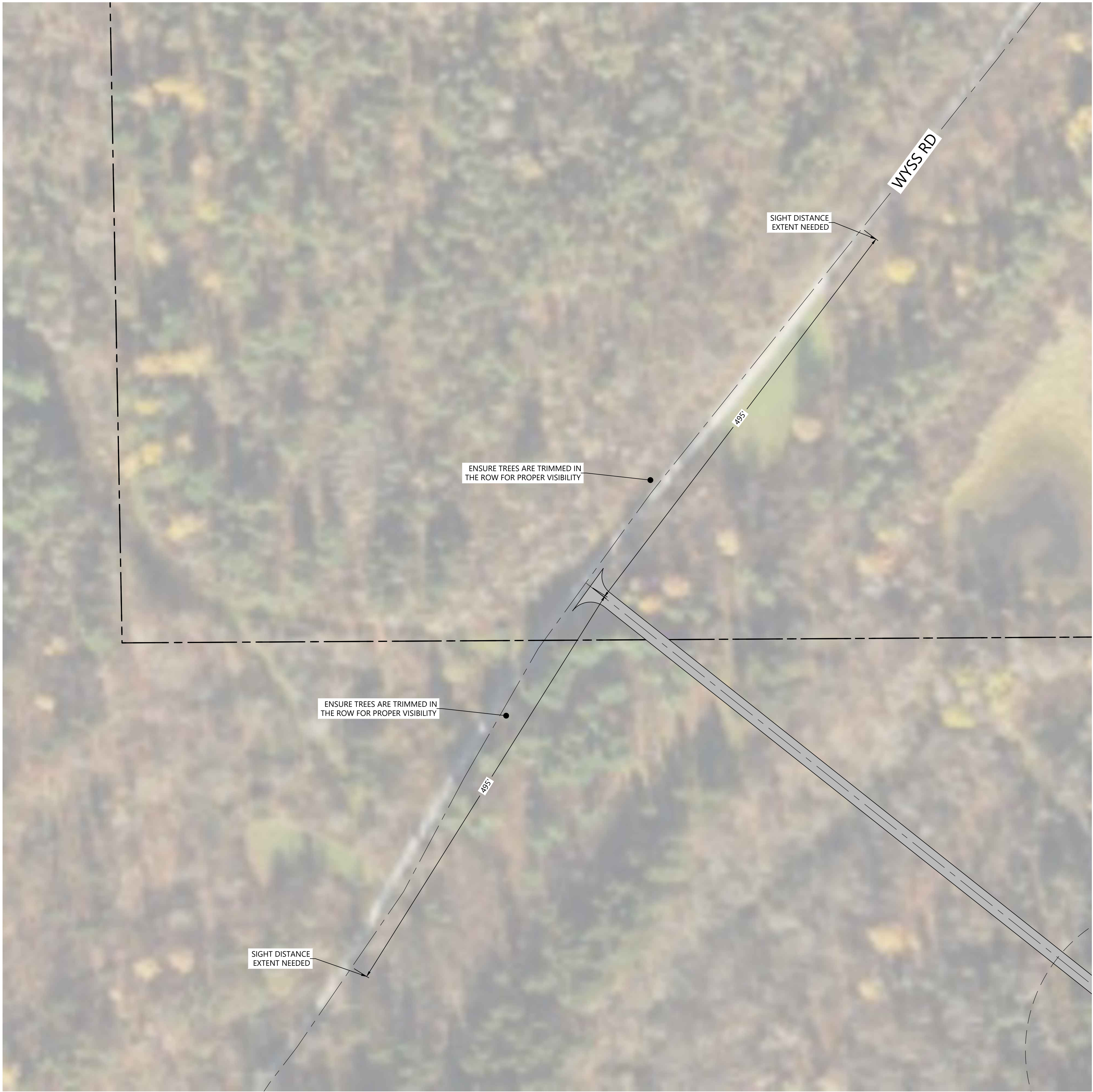


**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-7**

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.6	B



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D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

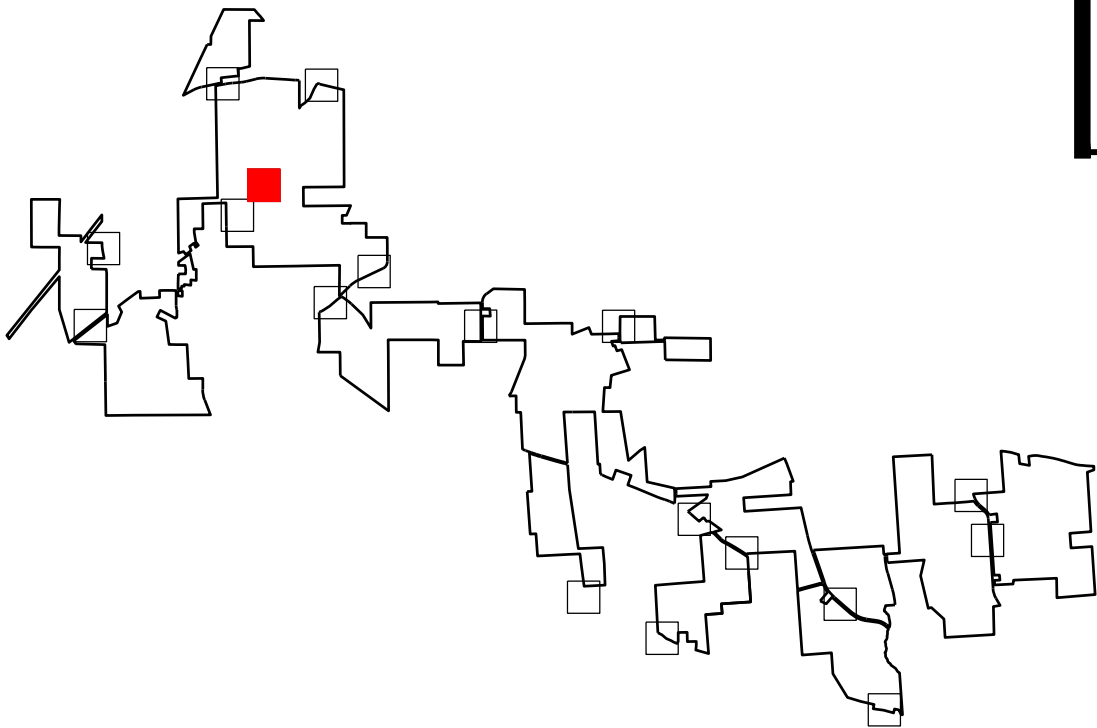
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE IS ON THE PEAK OF A HILL THAT DOES NOT MEET THE 610 FT. REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 650 FEET ON EITHER SIDE OF THE ENTRANCE.

KEY MAP:



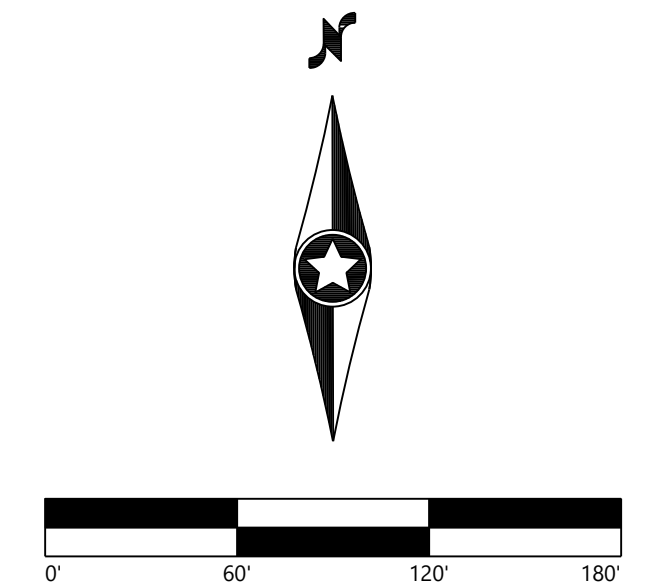
EOR: Alejandro Alvarado, PE

PREPARED FOR:

Hoffman Falls Wind LLC

90 State Street
Albany, NY 12207

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A	01/10/2024	60% CIVIL PLANS	HR	HR	AL
B	01/31/2024	FOR PERMIT	HR	HR	AL



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-8**

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.7

REV:
B



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HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

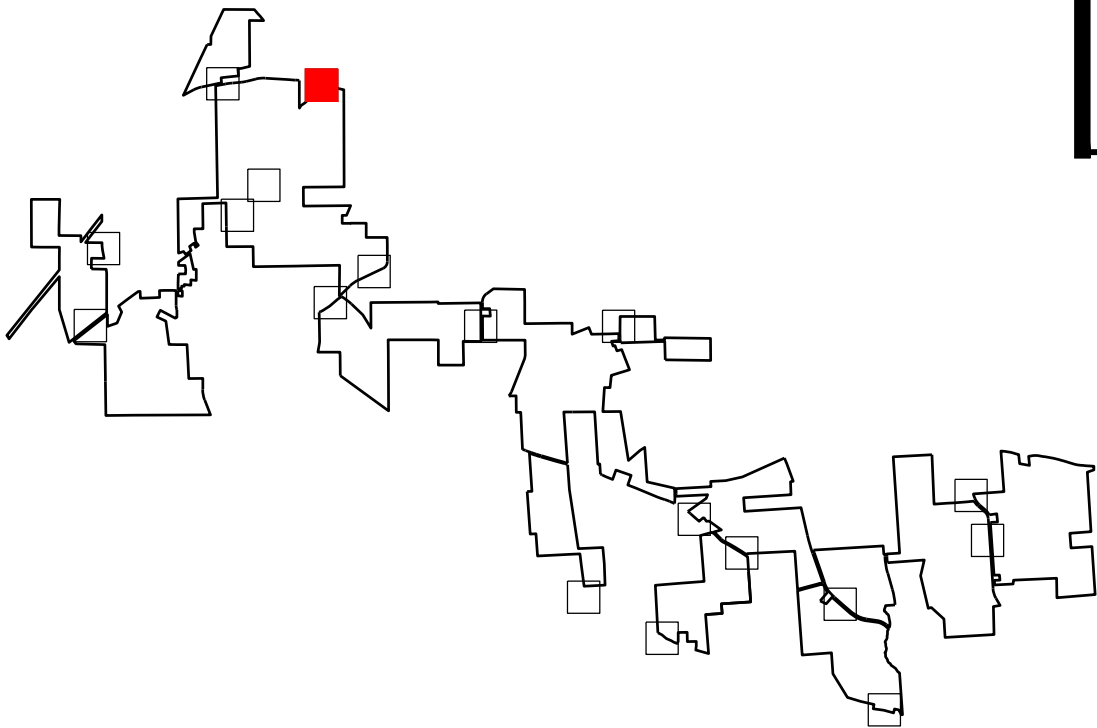
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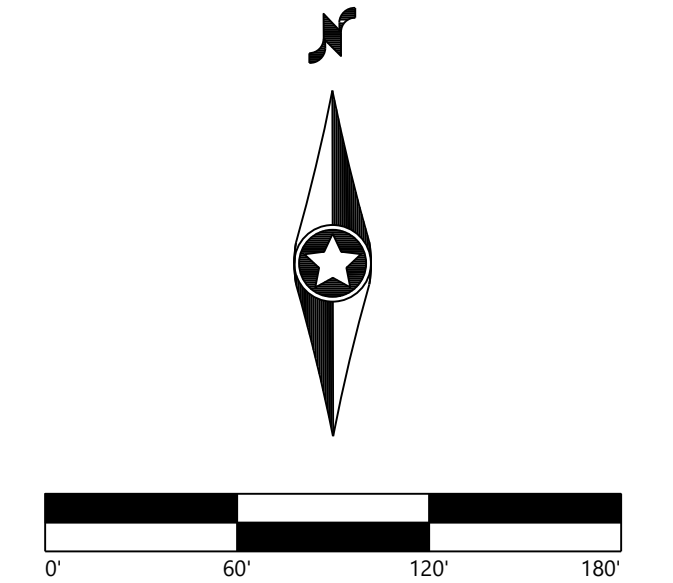


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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-9**

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.8
REV: B



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HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

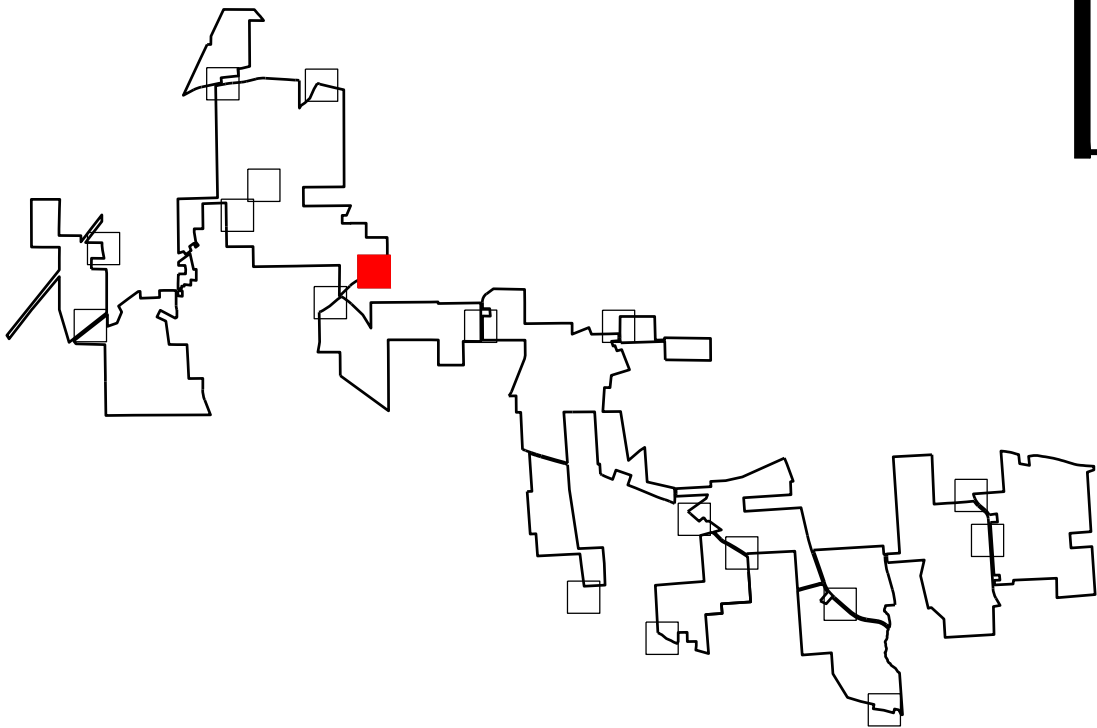
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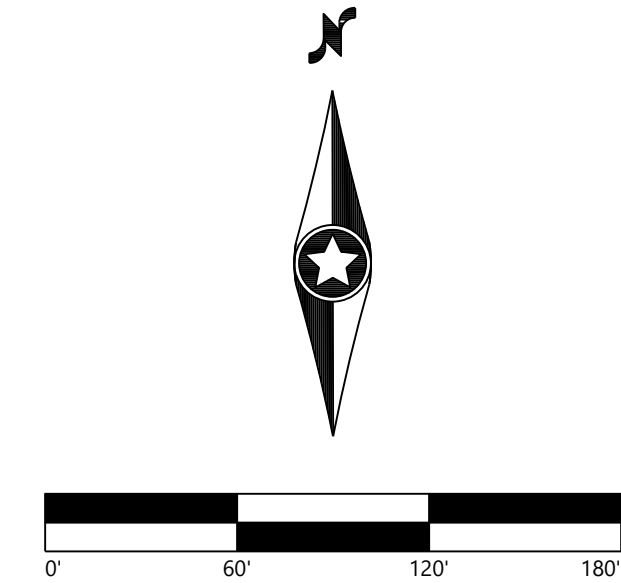


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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-10**

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.9
REV: B



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HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

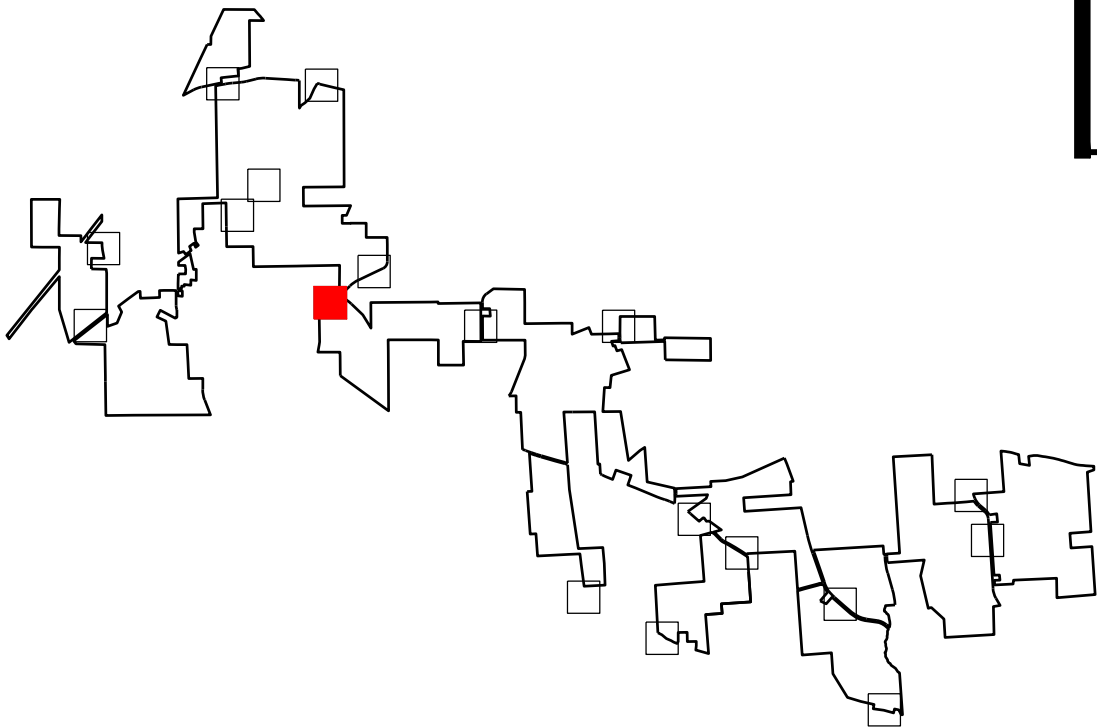
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

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KEY MAP:



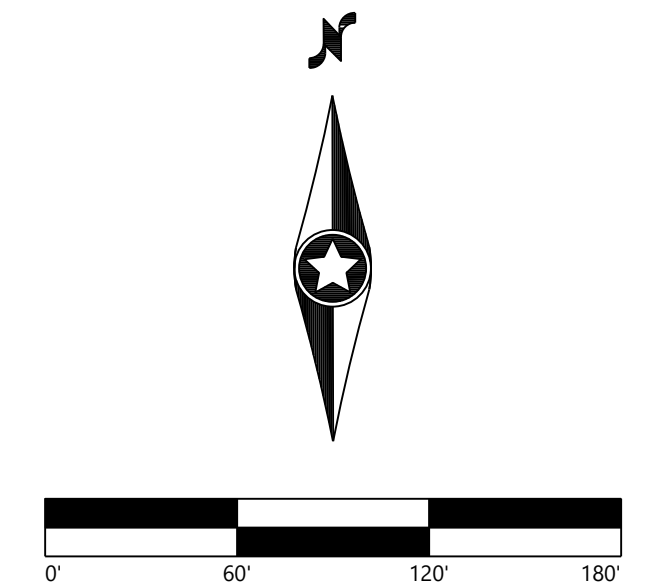
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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-11**

ISSUE FOR PERMIT

DATE: 01/31/2024 REV:
SHEET: SD.10 B



HORIZONTAL SITE DISTANCE NOTES:

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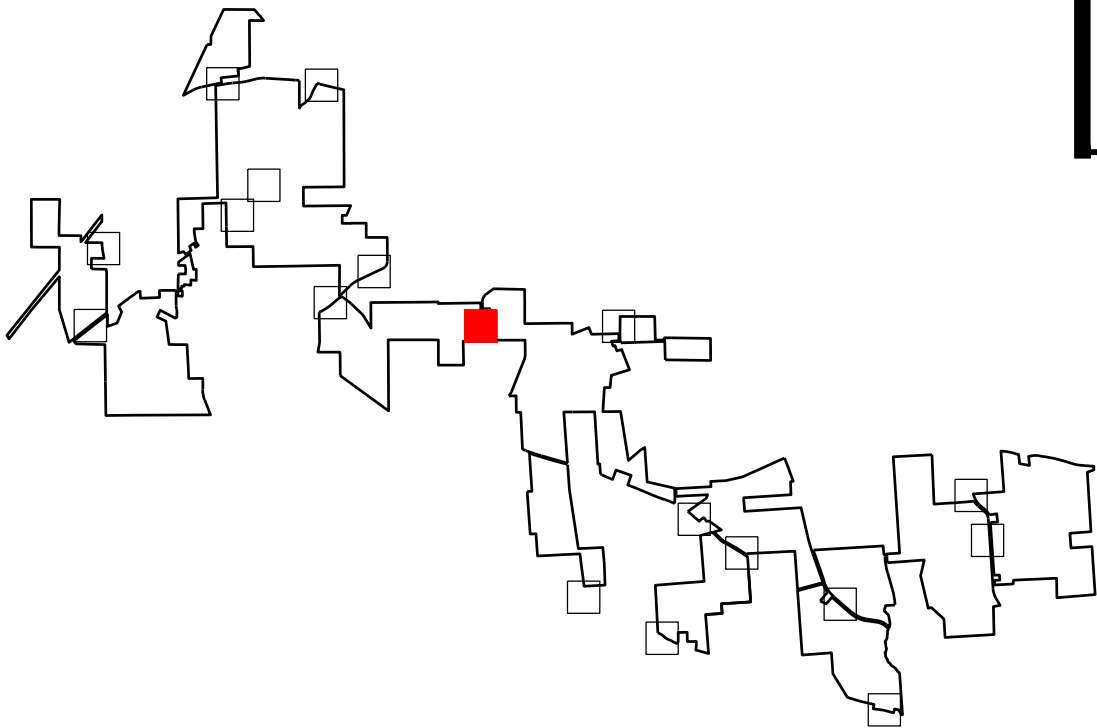
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VERTICAL SITE DISTANCE: PASS

KEY MAP:



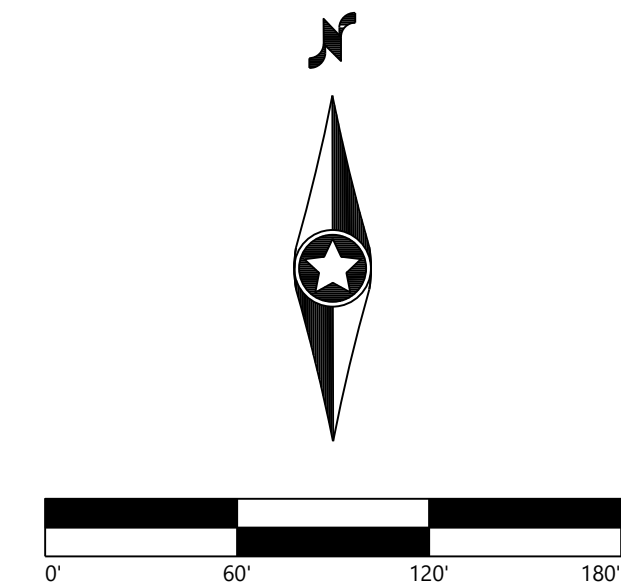
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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-12**

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.11

REV:

B



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 $M=R(1-\cos(SD/200))$
M=DISTANCE OF OBSTRUCTION TO ROAD LANE
R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

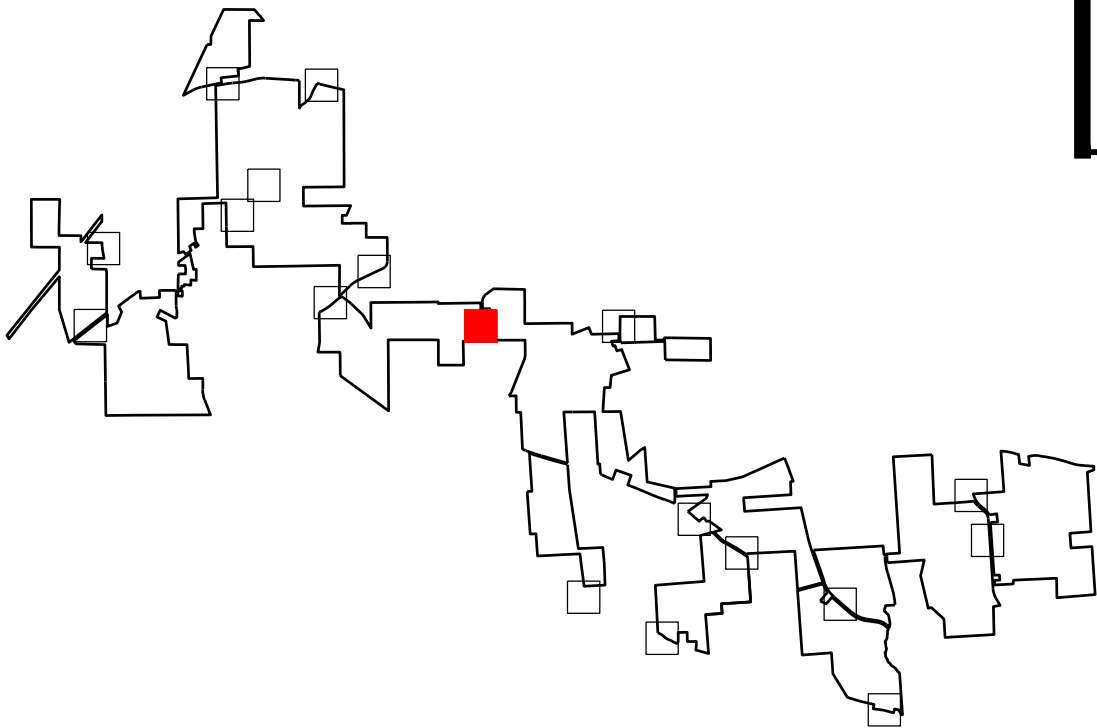
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

1. ASSUMED SPEED LIMIT OF ROADS IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
2. DUE TO THE 55 MPH SPEED, THE STOPPING SIGHT DISTANCE VERTICALLY IS 610 FT.
3. PROFILES WERE REVIEWED FOR EACH ENTRANCE TO EVALUATE BUMPS AND DIPS THAT WOULD IMPEDE VISUALS OF ONCOMING TRAFFIC.

VERTICAL SITE DISTANCE: PASS

KEY MAP:

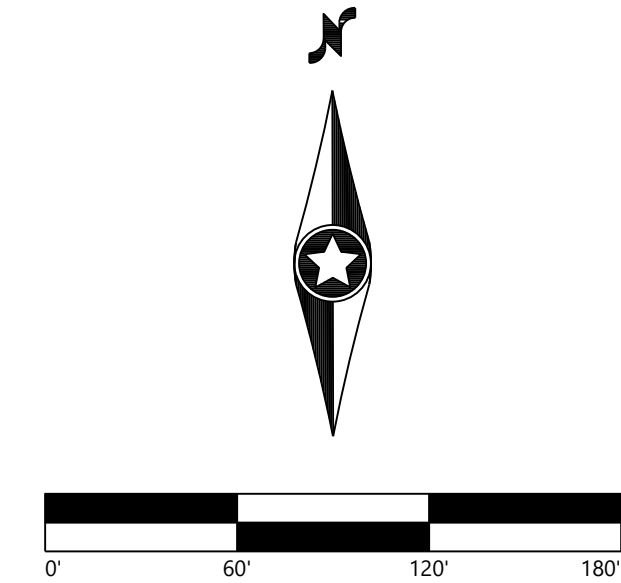


EOR: Alejandro Alvarado, PE
PREPARED FOR:

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90 State Street
Albany, NY 12207

REVISIONS:					
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B	01/31/2024	FOR PERMIT	HR	HR	AL



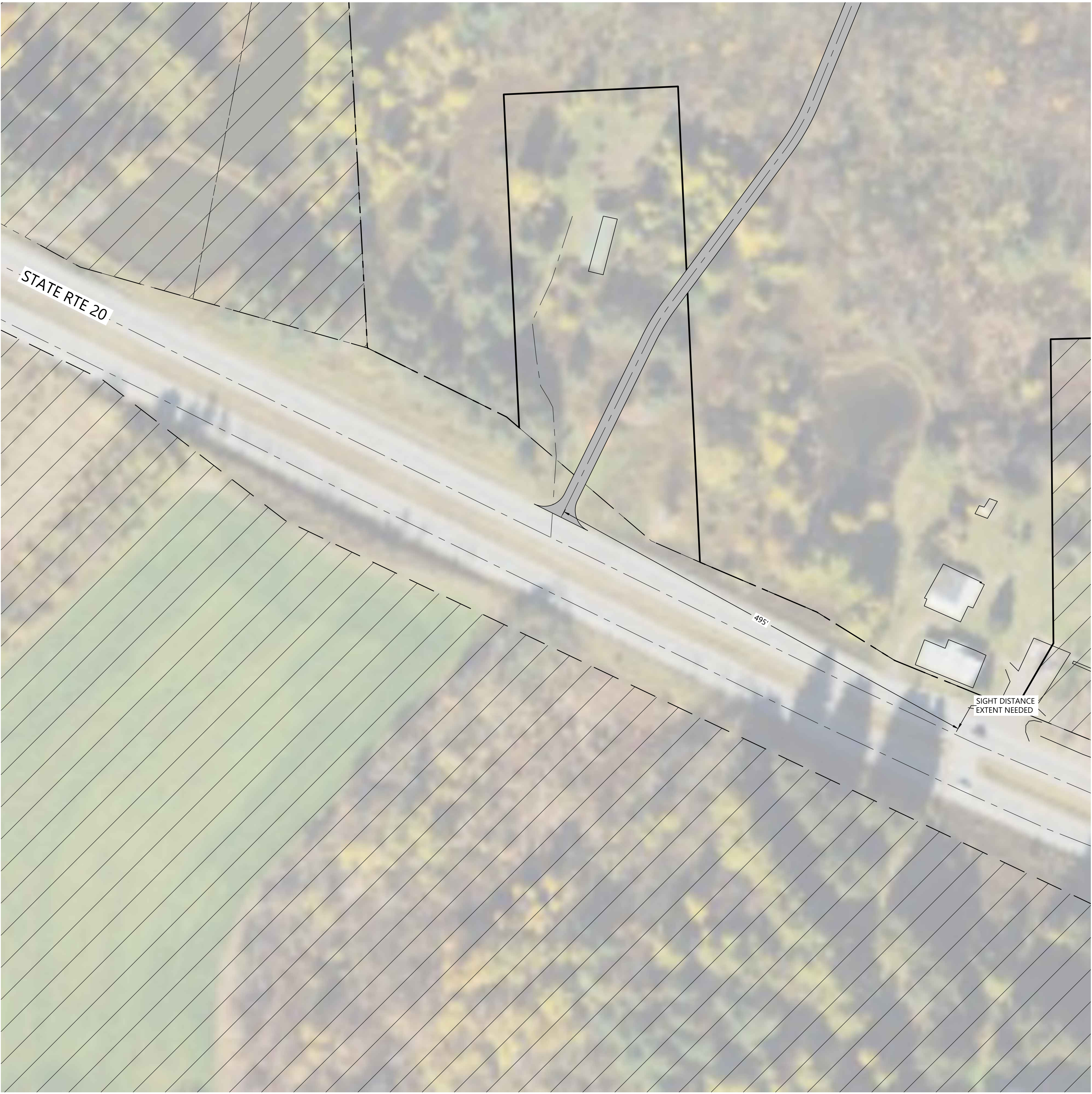
**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-14**

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.12
REV: B



HORIZONTAL SITE DISTANCE NOTES:

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D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

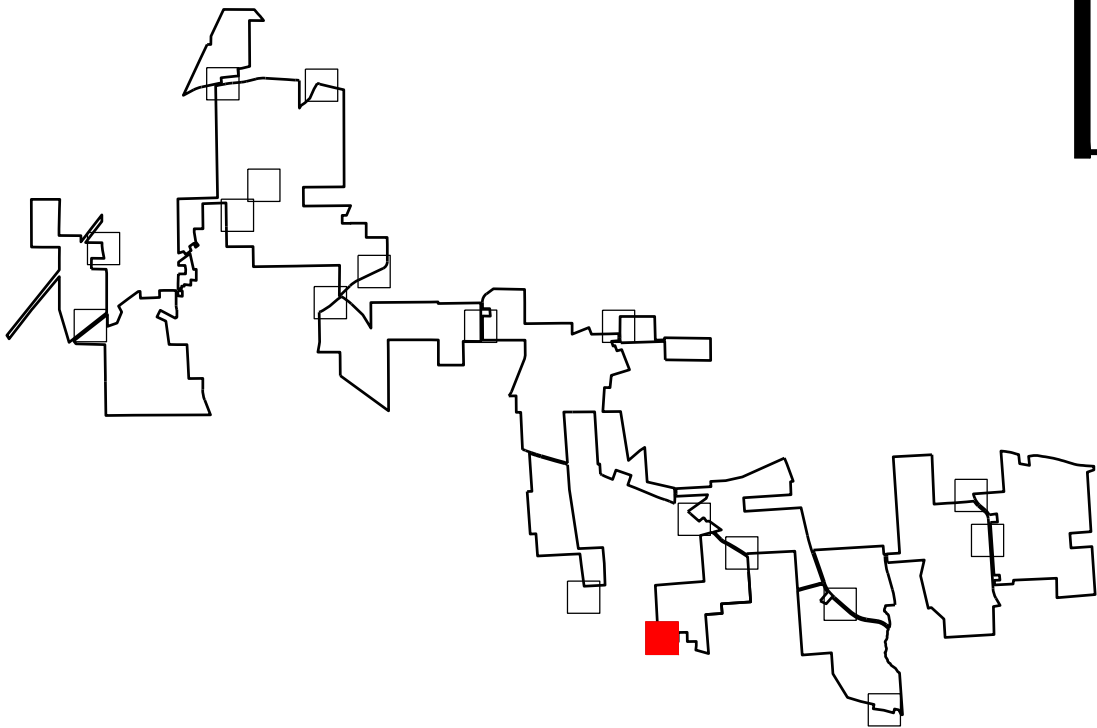
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

ENTRANCE DOES NOT MEET THE 610 FT. REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 650 FEET ON EITHER SIDE OF THE ENTRANCE.

KEY MAP:

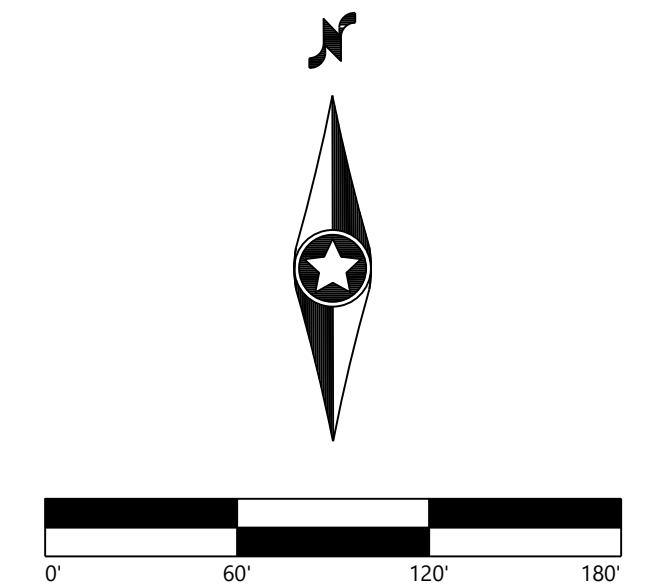


EOR: Alejandro Alvarado, PE
PREPARED FOR:

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90 State Street
Albany, NY 12207

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**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-15**

ISSUE FOR PERMIT		
DATE:	01/31/2024	REV:
SHEET:	SD.13	B



HORIZONTAL SITE DISTANCE NOTES:

- 1. ASSUMED SPEED LIMIT OF ROADS IS 55 MPH DUE TO NO SPEED LIMITS BEING MARKED.
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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

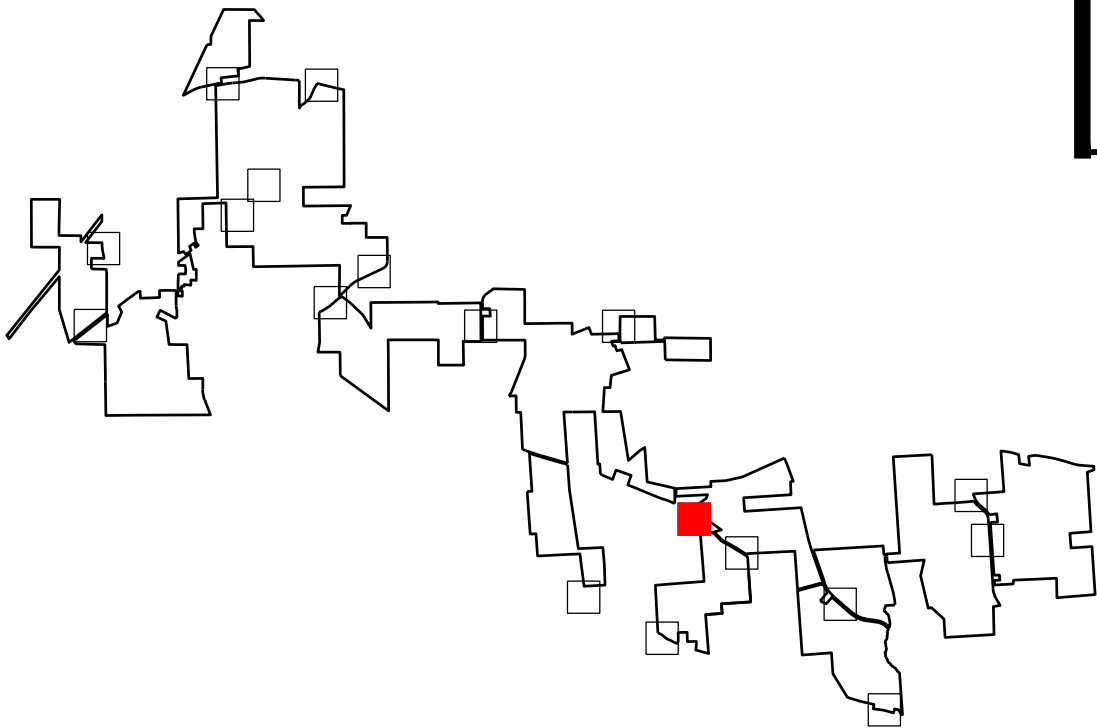
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VERTICAL SITE DISTANCE: **SEE NOTES BELOW**

ENTRANCE DOES NOT MEET THE 610 FT. REQUIRED TO PASS THE VERTICAL SITE DISTANCE CLEARANCE NEEDED FOR A SPEED OF 55 MPH.

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KEY MAP:

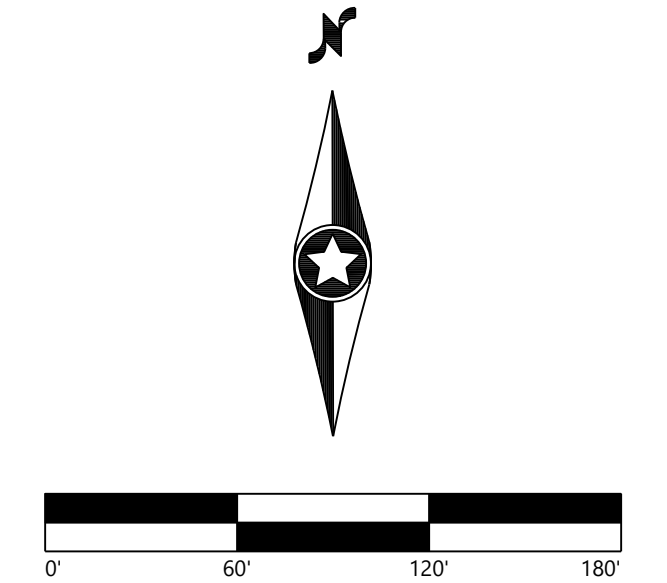


EOR: Alejandro Alvarado, PE
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Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-17

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.14
REV: B



HORIZONTAL SITE DISTANCE NOTES:

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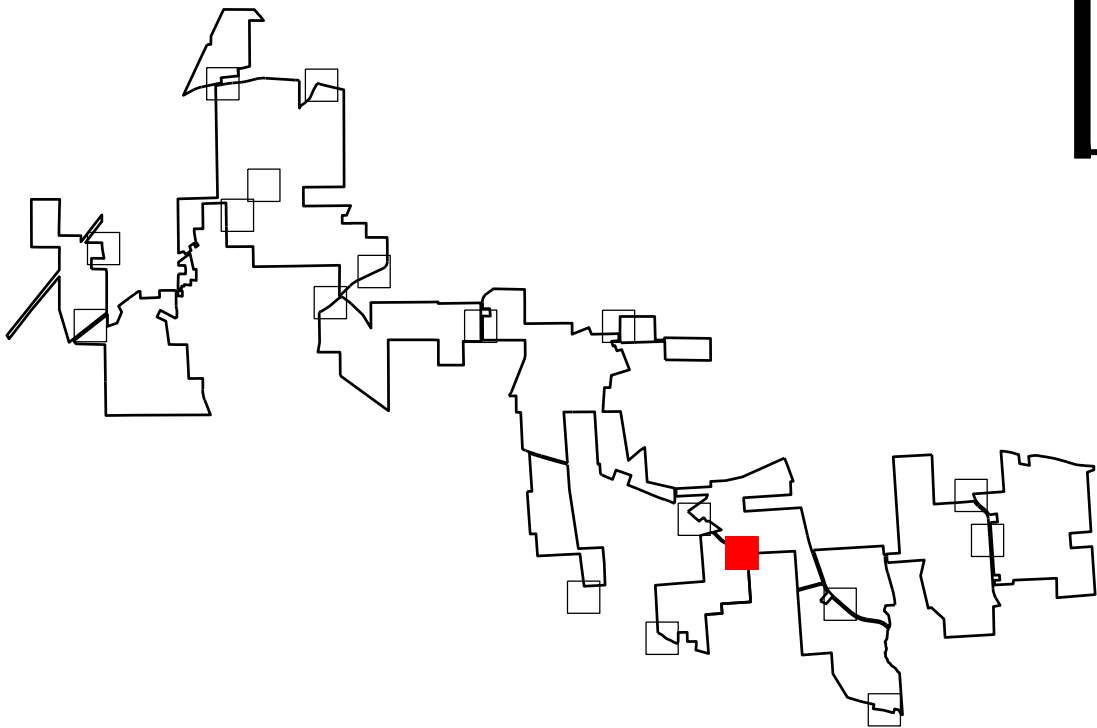
HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

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VERTICAL SITE DISTANCE: PASS

KEY MAP:



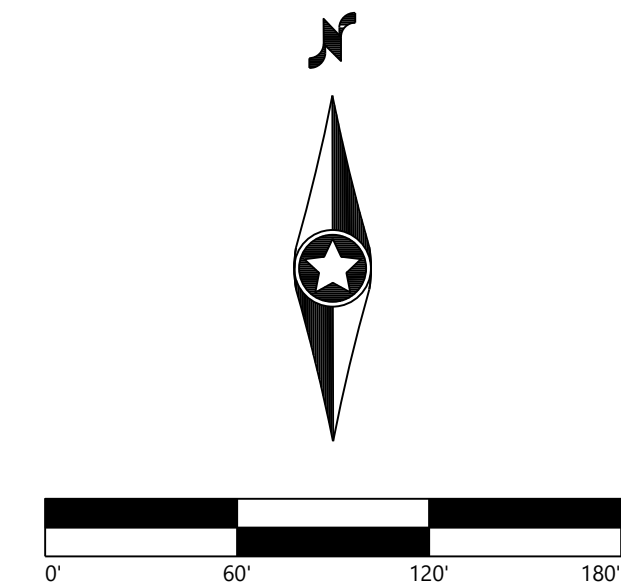
EOR: Alejandro Alvarado, PE

PREPARED FOR:

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90 State Street
Albany, NY 12207

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B	01/31/2024	FOR PERMIT	HR	HR	AL



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD T-18**

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.15
REV: B



HORIZONTAL SITE DISTANCE NOTES:

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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: PASS

VERTICAL SITE DISTANCE GENERAL NOTES:

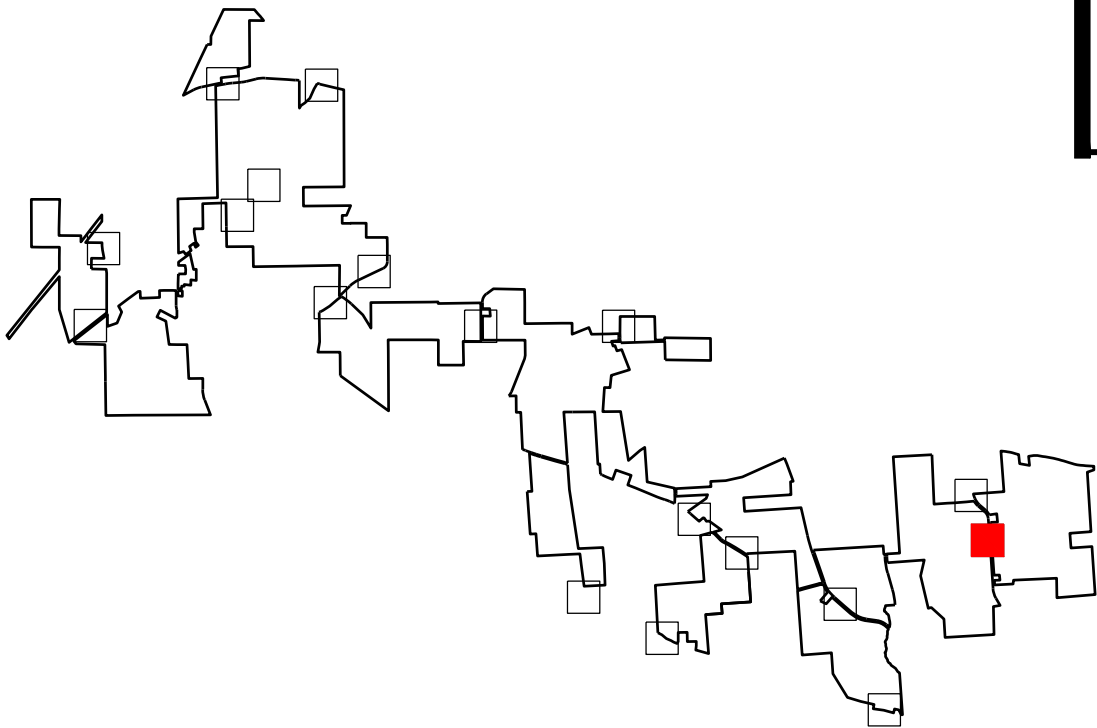
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VERTICAL SITE DISTANCE: SEE NOTES BELOW

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THE RECOMMENDATION IS TO INSTALL A LOWER SPEED LIMIT SIGN AROUND THIS AREA OR A 'ROAD AHEAD' SIGN APPROXIMATELY 650 FEET ON EITHER SIDE OF THE ENTRANCE.

KEY MAP:

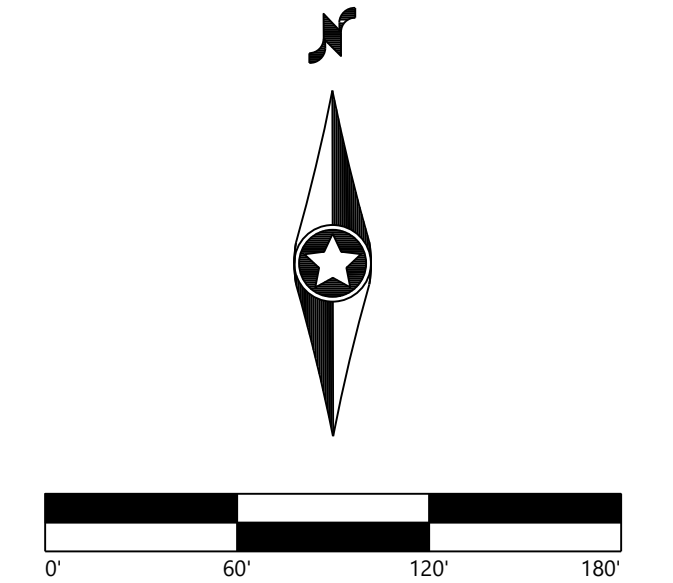


EOR: Alejandro Alvarado, PE
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B	01/31/2024	FOR PERMIT	HR	HR	AL



Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-19

ISSUE FOR PERMIT

DATE: 01/31/2024
SHEET: SD.16
REV: B



HORIZONTAL SITE DISTANCE NOTES:

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S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

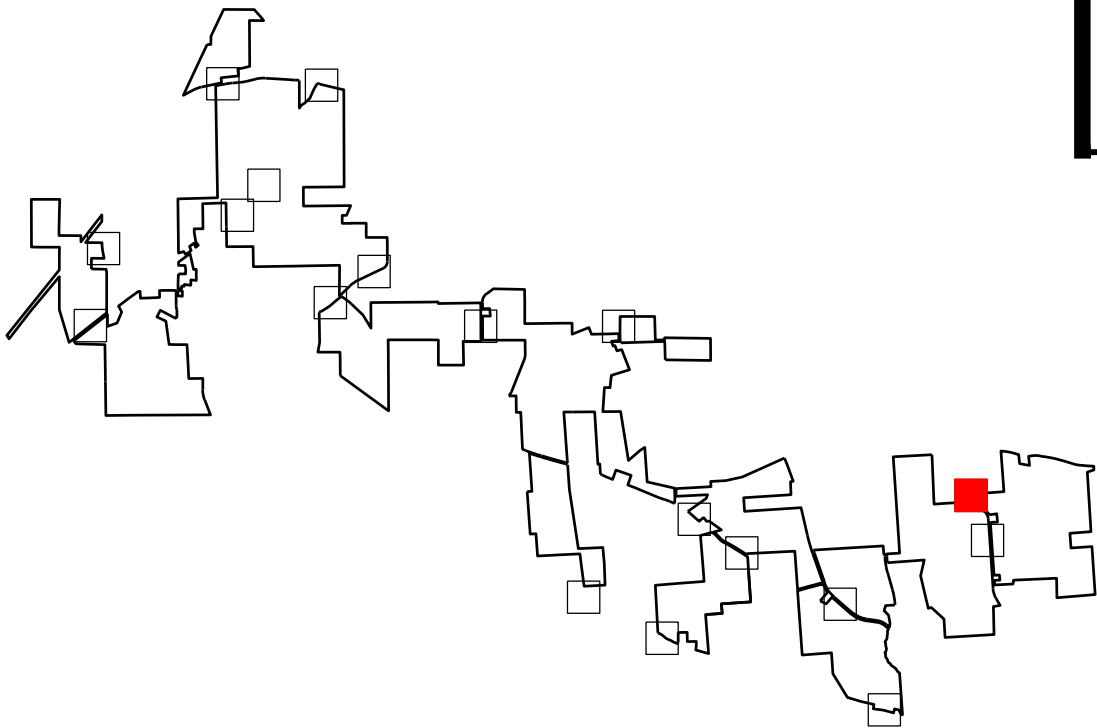
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KEY MAP:

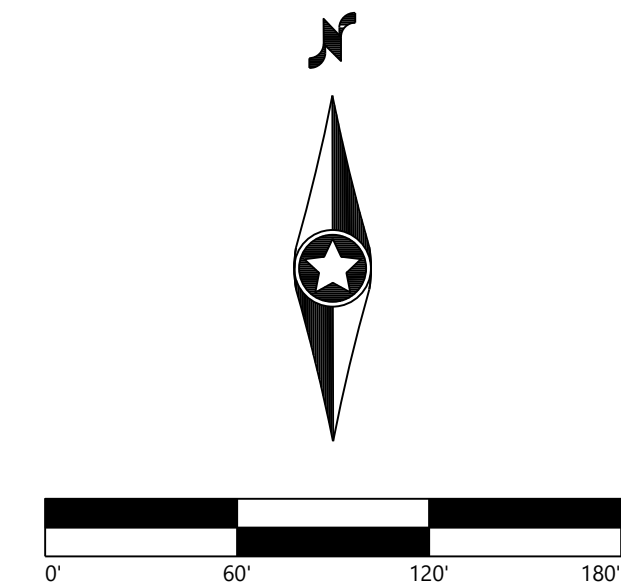


EOR: Alejandro Alvarado, PE
PREPARED FOR:

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Albany, NY 12207

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B	01/31/2024	FOR PERMIT	HR	HR	AL



Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-22

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.17

REV: B



HORIZONTAL SITE DISTANCE NOTES:

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R=RADIUS OF CURVE
S=STOPPING SIGHT DISTANCE (495 FT)
D=DEGREE OF CURVE

HORIZONTAL SITE DISTANCE: **PASS**

VERTICAL SITE DISTANCE GENERAL NOTES:

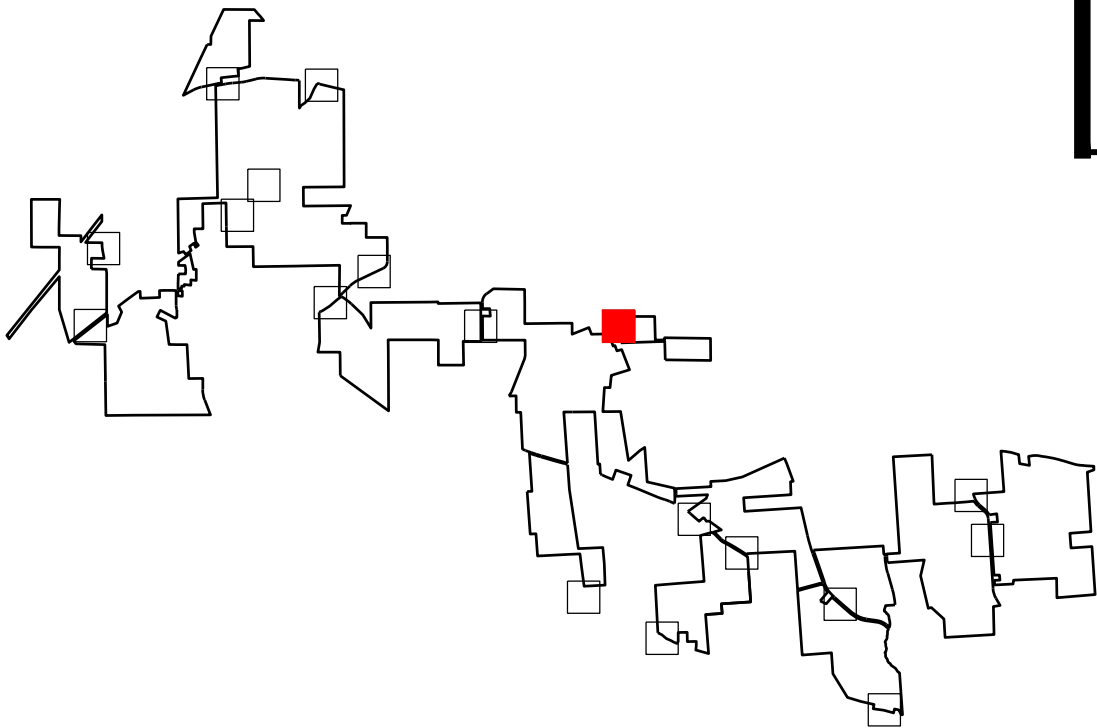
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KEY MAP:

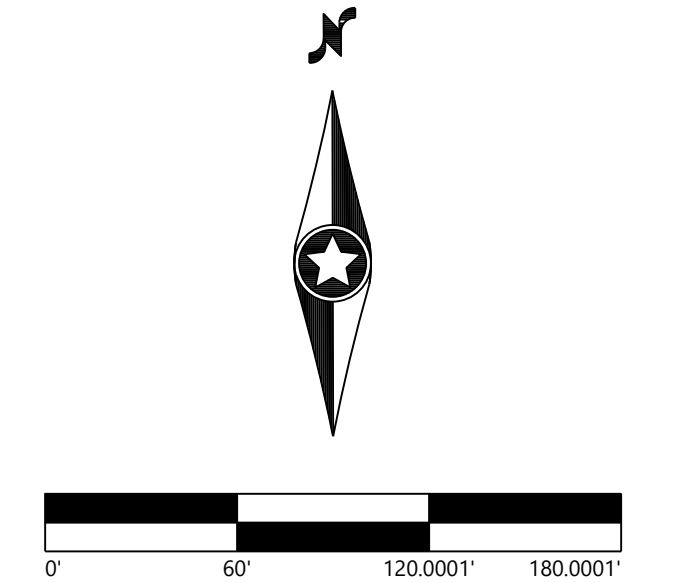


EOR: Alejandro Alvarado, PE
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Hoffman Falls Wind LLC

90 State Street
Albany, NY 12207

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Hoffman Falls
Wind Project

Madison County, New York

SIGHT DISTANCE
ROAD T-24

ISSUE FOR PERMIT

DATE: 01/31/2024 REV:
SHEET: SD.18 B



HORIZONTAL SITE DISTANCE NOTES:

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HORIZONTAL SITE DISTANCE: PASS

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VERTICAL SITE DISTANCE: PASS

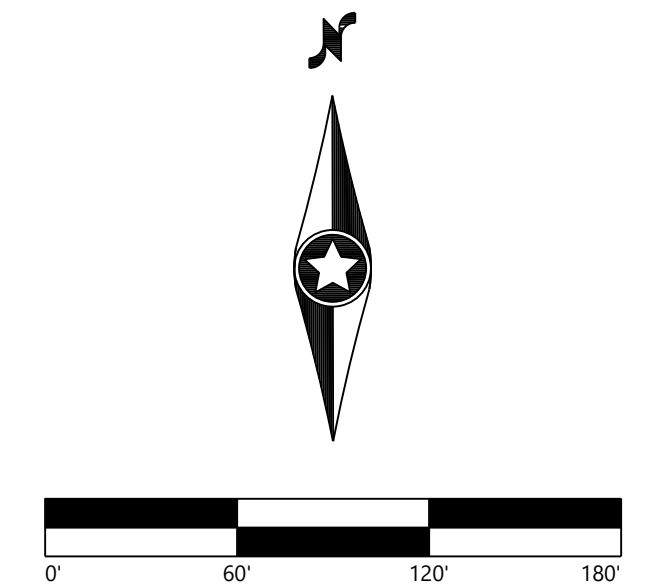
EOR: Alejandro Alvarado, PE

PREPARED FOR:

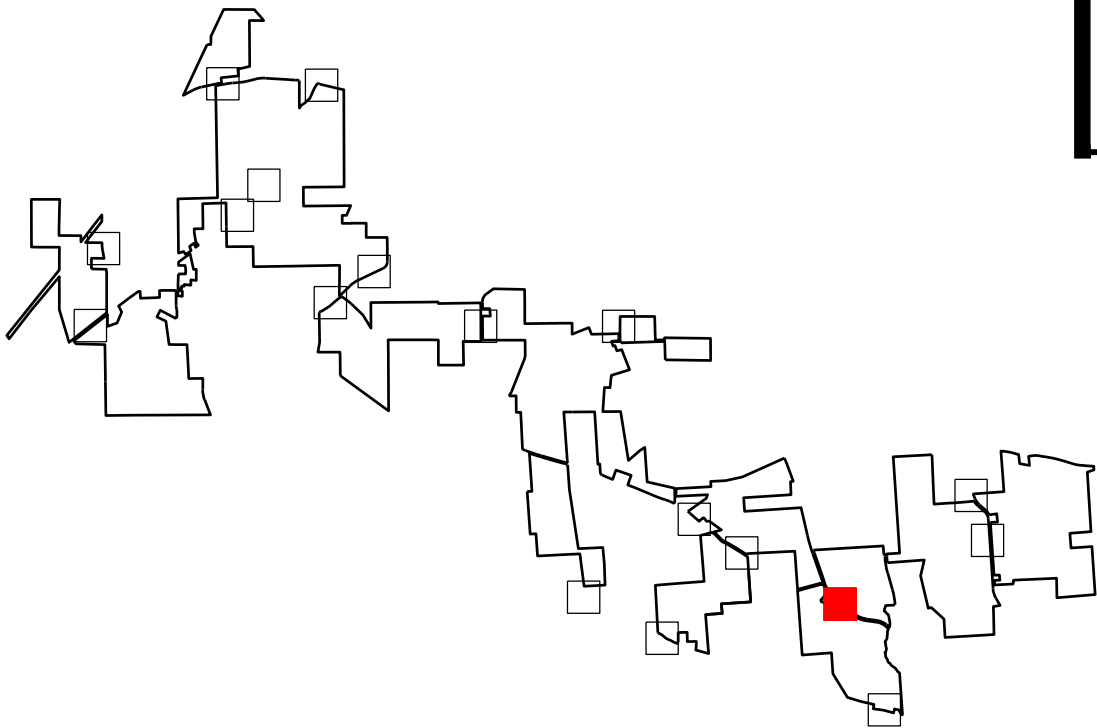
Hoffman Falls Wind LLC

90 State Street
Albany, NY 12207

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#	DATE	COMMENT	BY	CHK	APR
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B	01/31/2024	FOR PERMIT	HR	HR	AL



KEY MAP:



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD 1 NORTH**

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.19

REV: B



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VERTICAL SITE DISTANCE: PASS

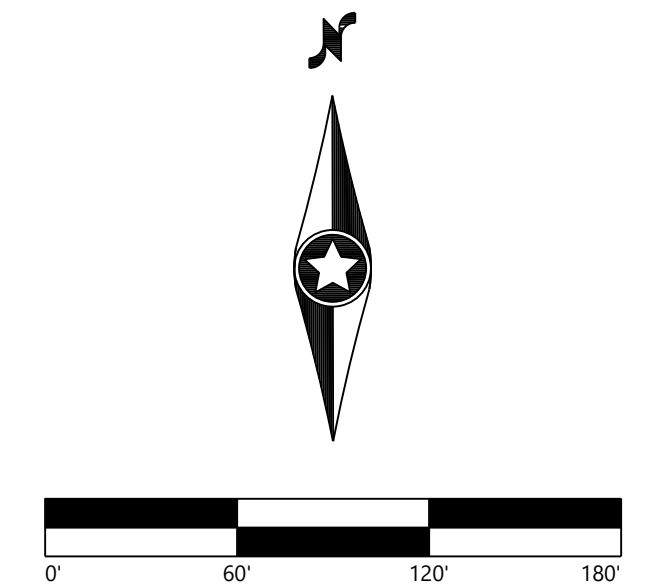
EOR: Alejandro Alvarado, PE

PREPARED FOR:

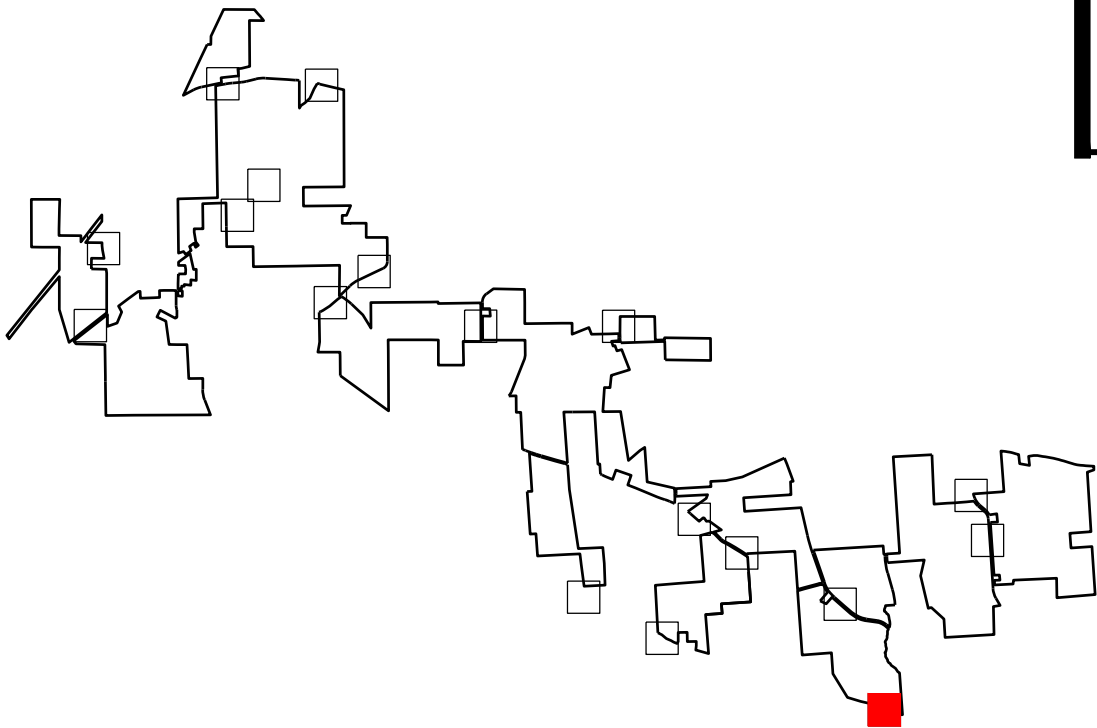
Hoffman Falls Wind LLC

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Albany, NY 12207

REVISIONS:						
#	DATE	COMMENT	BY	CHK	APR	
A	01/10/2024	60% CIVIL PLANS	HR	HR	AL	
B	01/31/2024	FOR PERMIT	HR	HR	AL	



KEY MAP:



**Hoffman Falls
Wind Project**

Madison County, New York

**SIGHT DISTANCE
ROAD 1 SOUTH**

ISSUE FOR PERMIT

DATE: 01/31/2024

SHEET: SD.20

REV: B