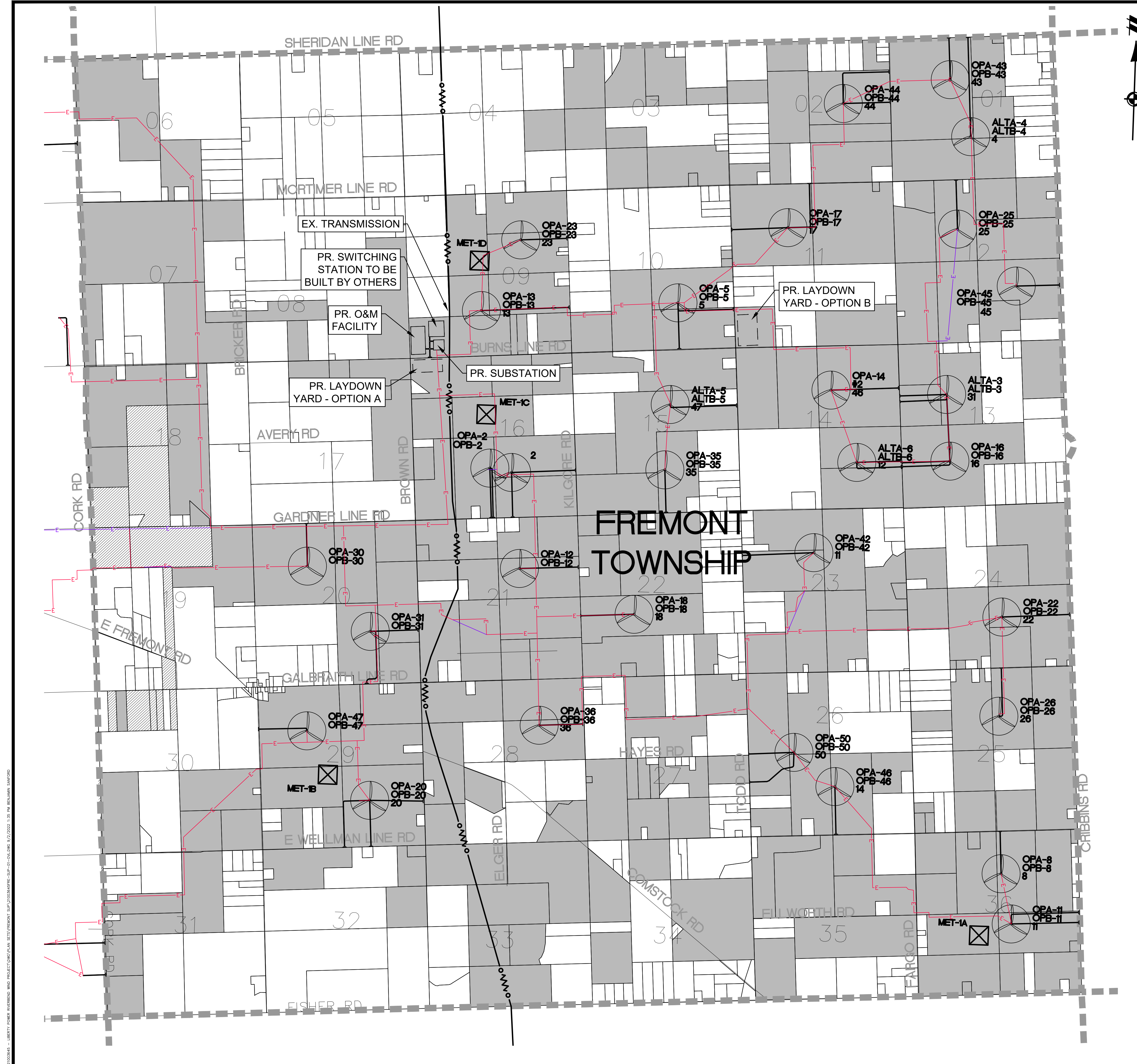


# Appendix A: Site Plan





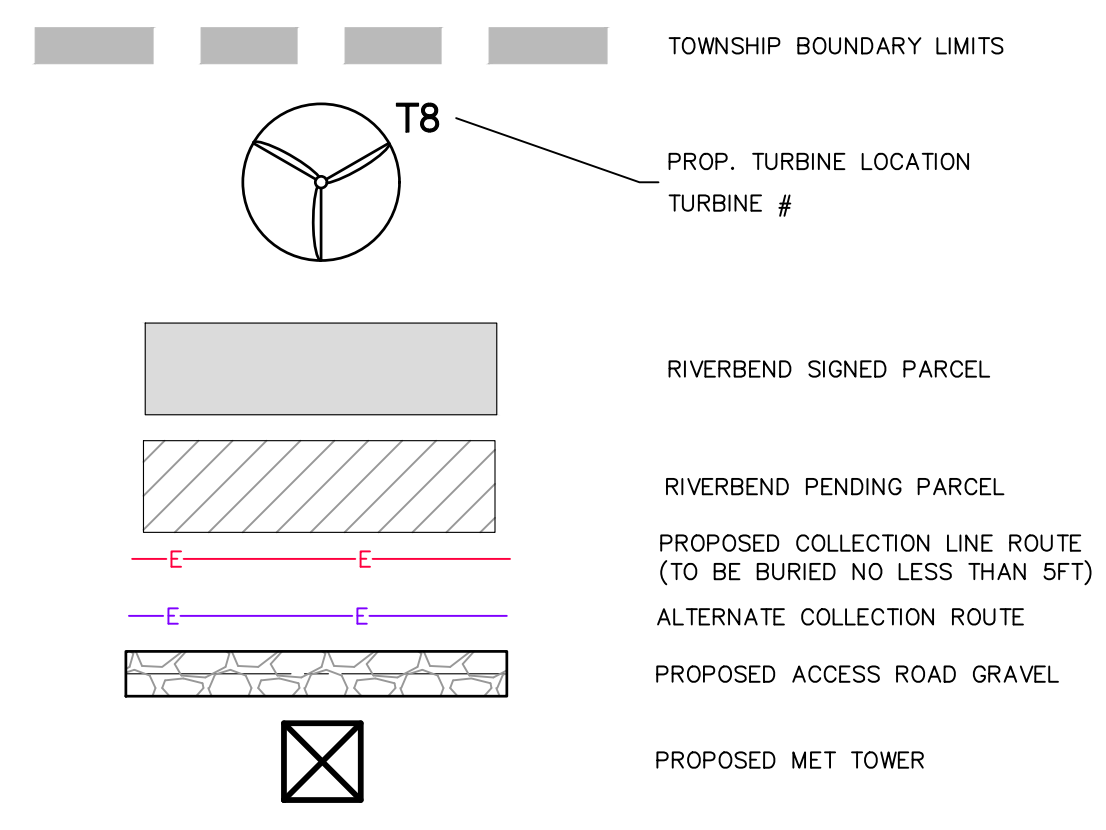


**TURBINE LOCATION DATA**

Turbine ID			Turbine Locations (UTM83-17)		
Layout 16	Layout 16a	Layout 25	Northing (Meters)	Eastings (Meters)	Elevation (ASL Meters)
OPA-2	OPB-2	--	4785528	360615	230.0
--	--	2	4785484	360829	230.0
OPA-5	OPB-5	5	4787146	362476	230.0
OPA-8	OPB-8	8	4781507	365628	230.0
OPA-11	OPB-11	11	4781012	365725	228.4
OPA-12	OPB-12	--	4784538	360901	230.0
OPA-13	OPB-13	13	4787080	360540	230.0
OPA-46	OPB-46	14	4782374	363996	227.6
OPA-16	OPB-16	16	4785573	365145	230.0
OPA-17	OPB-17	17	4787881	363562	230.0
OPA-18	OPB-18	18	4784081	362028	230.0
OPA-20	OPB-20*	20	4782262	359415	230.0
OPA-22	OPB-22	22	4784035	365649	230.0
OPA-23	OPB-23	23	4787774	360931	230.0
OPA-25	OPB-25	25	4787858	365232	230.0
OPA-26	OPB-26	26	4783058	365614	230.0
OPA-30	OPB-30	--	4784572	358814	230.0
OPA-31	OPB-31	--	4783926	359429	230.0
OPA-35	OPB-35	35	4785502	362338	230.0
OPA-36	OPB-36	36	4782993	361087	230.0
OPA-42	OPB-42*	42	4784679	363801	229.2
OPA-43	OPB-43*	43	4789330	365168	230.0
OPA-44	OPB-44	44	4789101	364114	230.0
OPA-45	OPB-45	45	4787294	365807	224.1
OPA-14	OPB-14	46	4786278	363977	230.0
OPA-47	OPB-47*	--	4782950	358800	230.0
OPA-50	OPB-50	50	4782713	363595	230.0
ALTA-3	ALTB-3	31	4786230	365116	229.9
ALTA-4	ALTB-4	4	4788768	365366	230.0
ALTA-5	ALTB-5	47	4786145	362394	230.0
ALTA-6	ALTB-6	12	4785565	364228	226.5

NOTE: \* INDICATES A TURBINE LOCATION CONSIDERING AN ALTERNATE TECHNOLOGY WITH A ROTOR DIAMETER OF 163M (535 FT). REFER TO TURBINE SPECIFICATIONS ON SHEET FRE-DET FOR ADDITIONAL DETAILS.

**LEGEND**



NOTE: O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

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TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

CLIENT: ALGONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT SPECIAL LAND USE SITE PLANS  
PROJECT OVERALL

DATE: AUG. 30, 2022

REVISIONS

SCALE: 0 750 1500  
1" = 1500 FEET

DR. MB CH. BS  
P.M. JW  
BOOK: --  
JOB: 21003645  
SHEET NO. 01





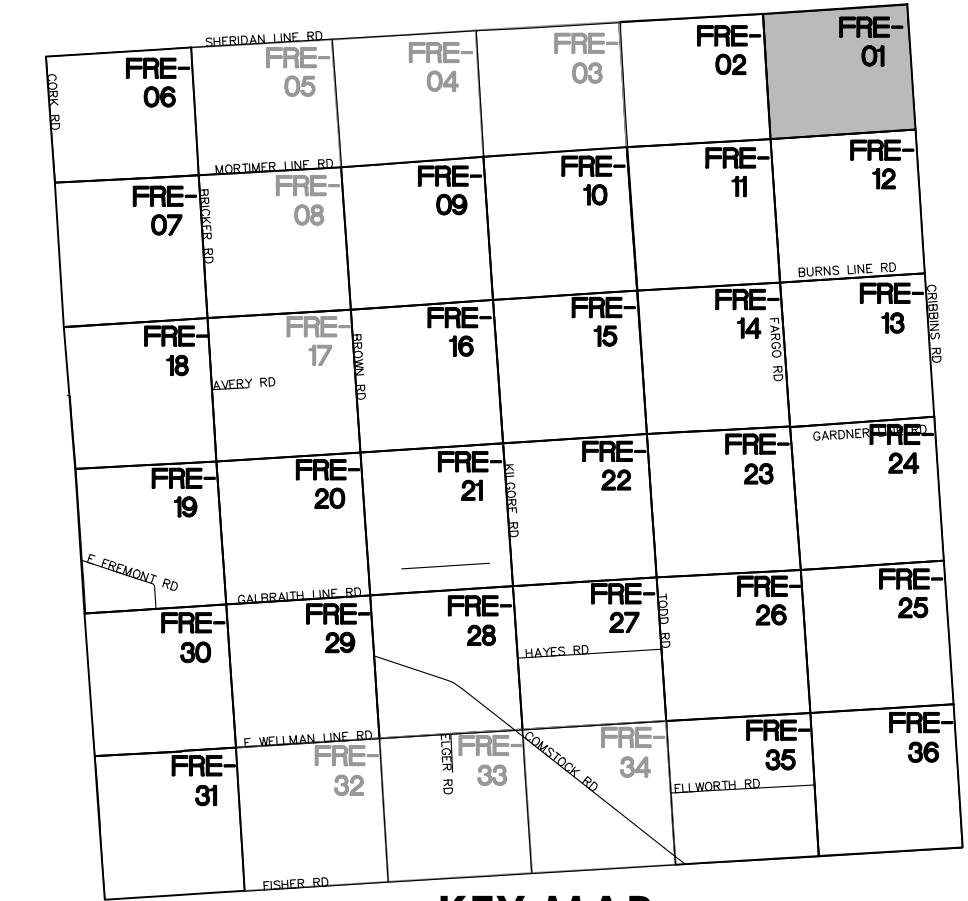
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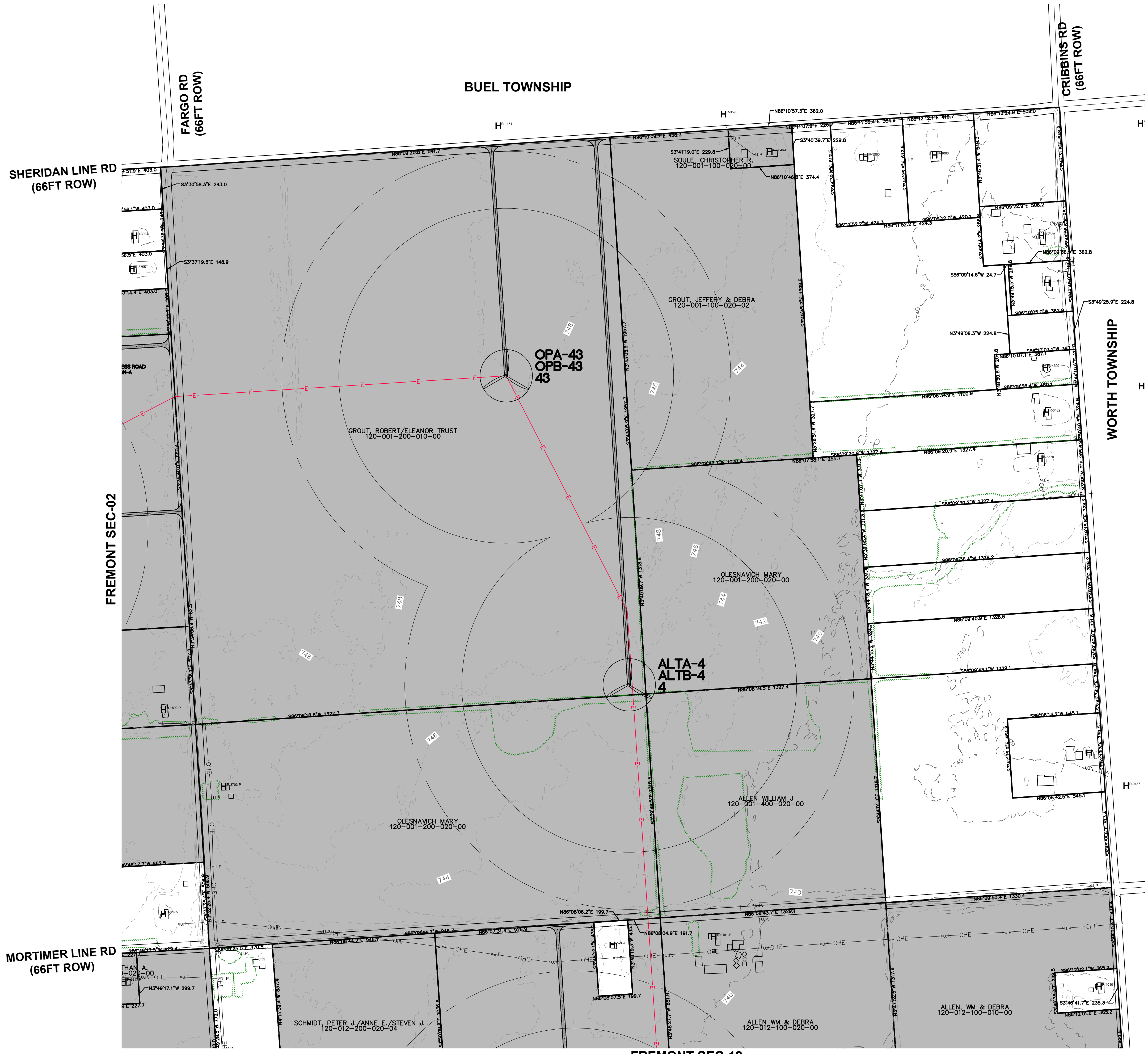
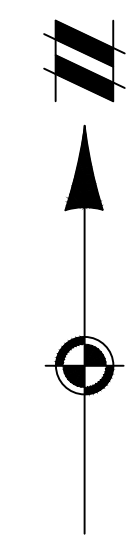
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KEY MAP  
NO SCALE



**LEGEND**

	EXISTING STRUCTURE
	EXISTING HABITABLE STRUCTURE
	EXISTING HABITABLE STRUCTURE (SURVEYED)
	EXISTING ROAD R.O.W.
	EXISTING RAILROAD
	EXISTING SECTION LINE
	EXISTING OVERHEAD ELECTRICAL
	EXISTING TRANSMISSION LINE
	EXISTING TREE LINE
	EXISTING PARCEL BOUNDARY
	RIVERBEND SIGNED PARCEL
	RIVERBEND PENDING PARCEL
	PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
	PROPOSED COLLECTION ALTERNATE
	PROPOSED ACCESS ROAD GRAVEL
	PROPOSED MET TOWER

**WTG ID**

	EXISTING COUNTY ROAD
	PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
	PROPOSED WTG (WIND TURBINE GENERATOR)

**WTG SETBACKS**

	1320' PREFERABLE DISTANCE FROM THE NEAREST PUBLIC ROAD
	984' MIN. DISTANCE (TOTAL HEIGHT * 150%) FROM NON PARTICIPATING PARCELS
	1320' DISTANCE FROM INHABITED STRUCTURES

- NOTES:
- ELECTRICAL COLLECTION LINES AND ACCESS ROADS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE PER FINAL DESIGN AND LANDOWNER FEEDBACK.
  - ONLY ONE ACCESS ROAD WILL BE CONSTRUCTED AT EACH TURBINE.
  - A BOUNDARY SURVEY WAS CONDUCTED AT ALL INSTANCES WHERE A NON-PARTICIPATING PARCEL WAS WITHIN 50' OF THE REQUIRED SETBACK TO ENSURE COMPLIANCE.
  - O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

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SANILAC COUNTY, MICHIGAN

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PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 01

DATE: AUG. 30, 2022

REVISIONS

SCALE	0 150 300		
1" = 300 FEET			
DR.	MB	CH.	BS
P.M.	J.W.		
BOOK			
JOB	21003645		
SHEET NO.	FRE-01		

NOT FOR CONSTRUCTION

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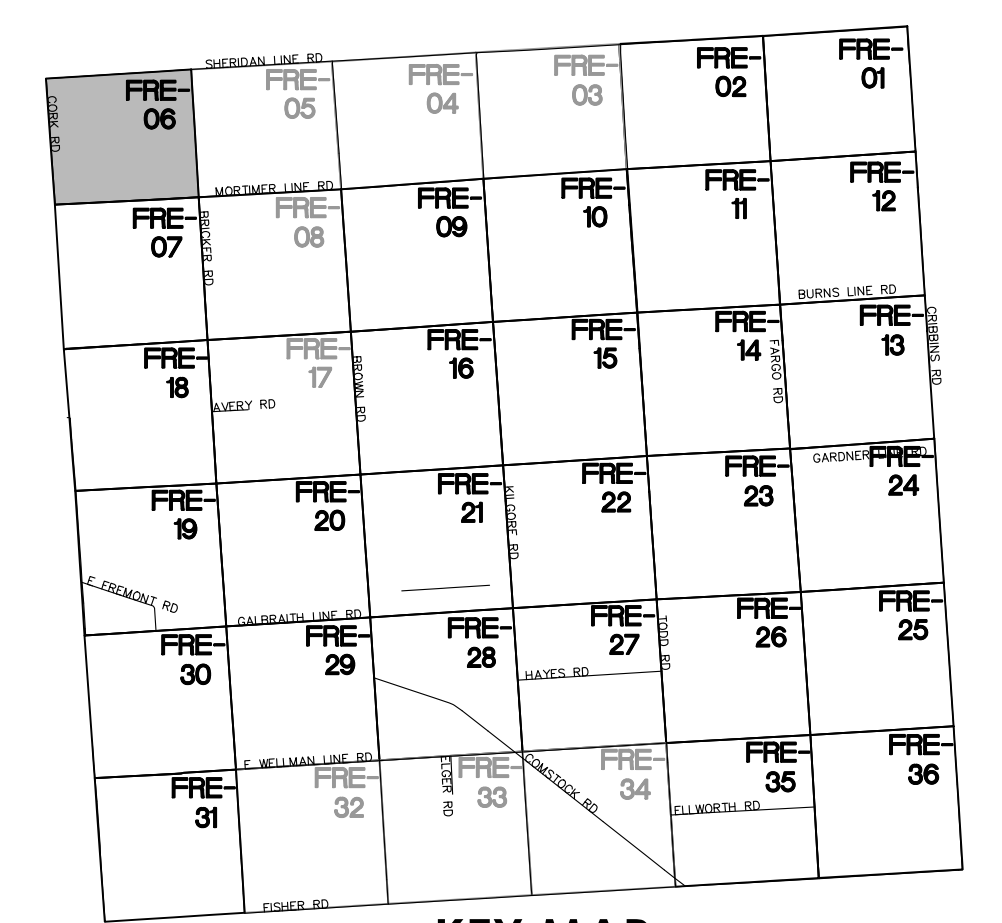
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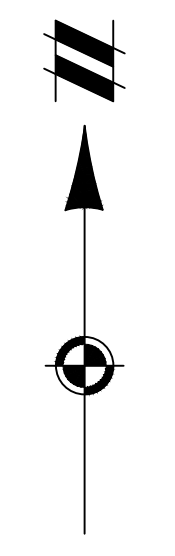




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**KEY MAP**  
NO SCALE



**LEGEND**

- EXISTING STRUCTURE
  - EXISTING HABITABLE STRUCTURE
  - EXISTING HABITABLE STRUCTURE (SURVEYED)
  - EXISTING ROAD R.O.W.
  - EXISTING RAILROAD
  - EXISTING SECTION LINE
  - EXISTING OVERHEAD ELECTRICAL
  - EXISTING TRANSMISSION LINE
  - EXISTING TREE LINE
  - EXISTING PARCEL BOUNDARY
  - RIVERBEND SIGNED PARCEL
  - RIVERBEND PENDING PARCEL
  - PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
  - PROPOSED COLLECTION ALTERNATE
  - PROPOSED ACCESS ROAD GRAVEL
  - PROPOSED MET TOWER
  - EXISTING COUNTY ROAD
  - PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
  - PROPOSED WTG (WIND TURBINE GENERATOR)
- WTG ID**
- HH, HUB HEIGHT: 119M (390 FT)
  - 118.5M (389 FT)
  - RD, ROTOR DIAMETER: 162M (531 FT)
  - 163M (535 FT)
  - APEX, TOTAL HEIGHT: 200M (656 FT)
  - 200M (656 FT)
- WTG SETBACKS**
- 1320' PREFERABLE DISTANCE FROM THE NEAREST PUBLIC ROAD
  - 984' MIN. DISTANCE (TOTAL HEIGHT \* 150%) FROM NON PARTICIPATING PARCELS
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PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 06

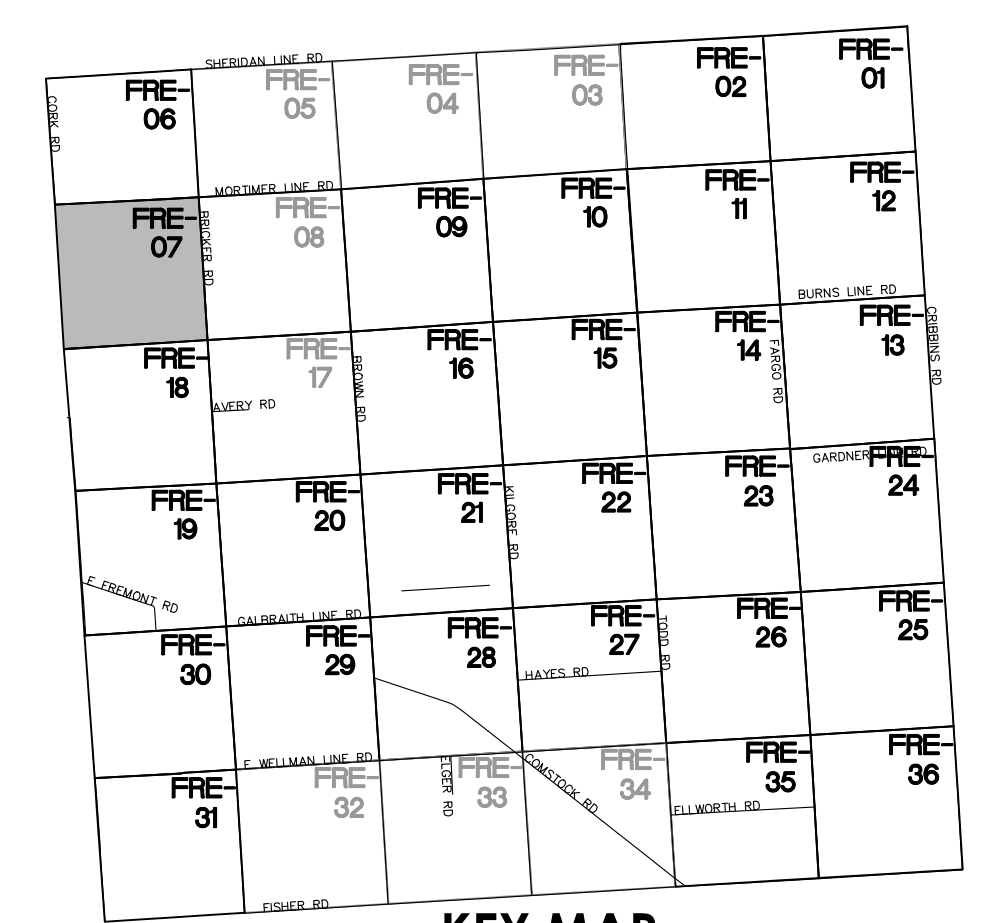
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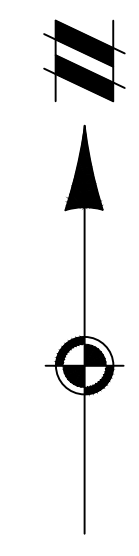
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1" = 300 FEET

DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. FRE-06





KEY MAP  
NO SCALE



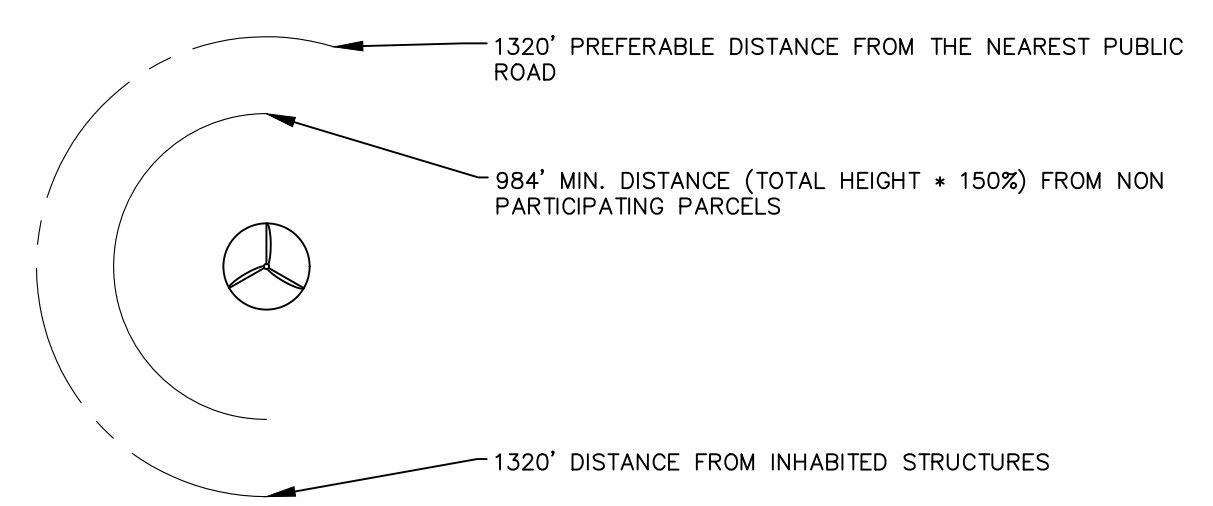
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)

WTG ID

- HH, HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)
- RD, ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

WTG SETBACKS



NOTES:

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	SANILAC COUNTY, MICHIGAN

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PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 07

DATE: AUG. 30, 2022

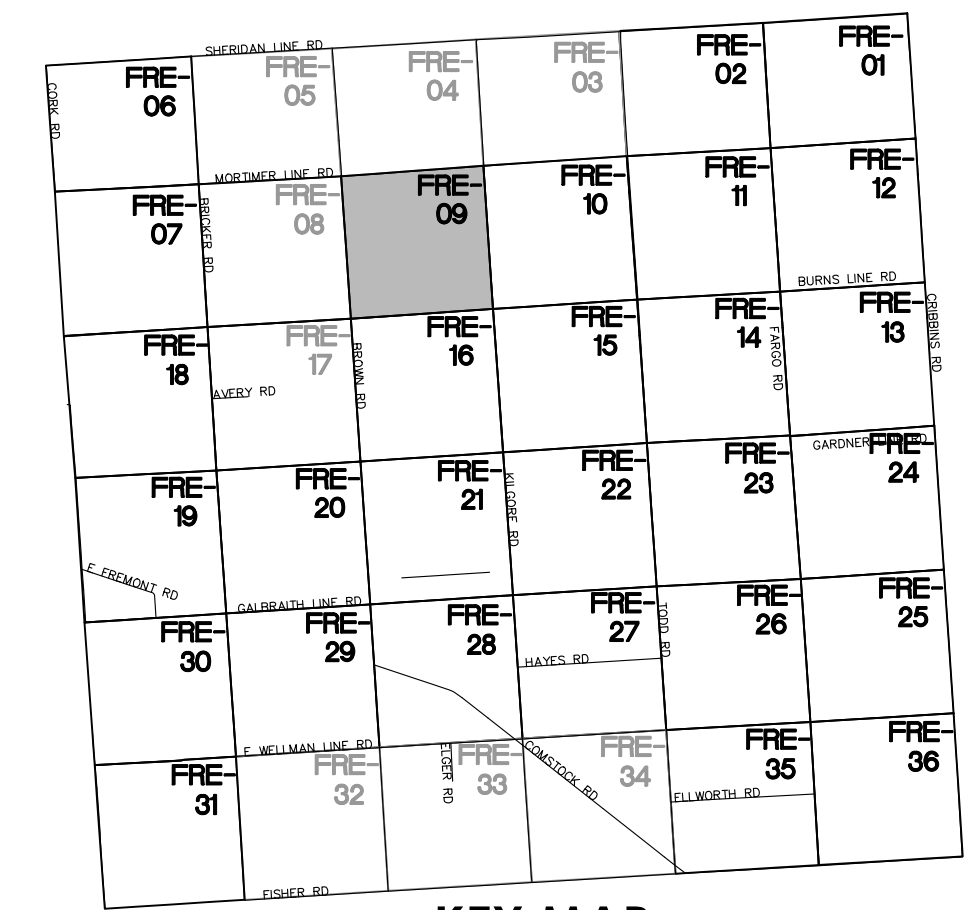
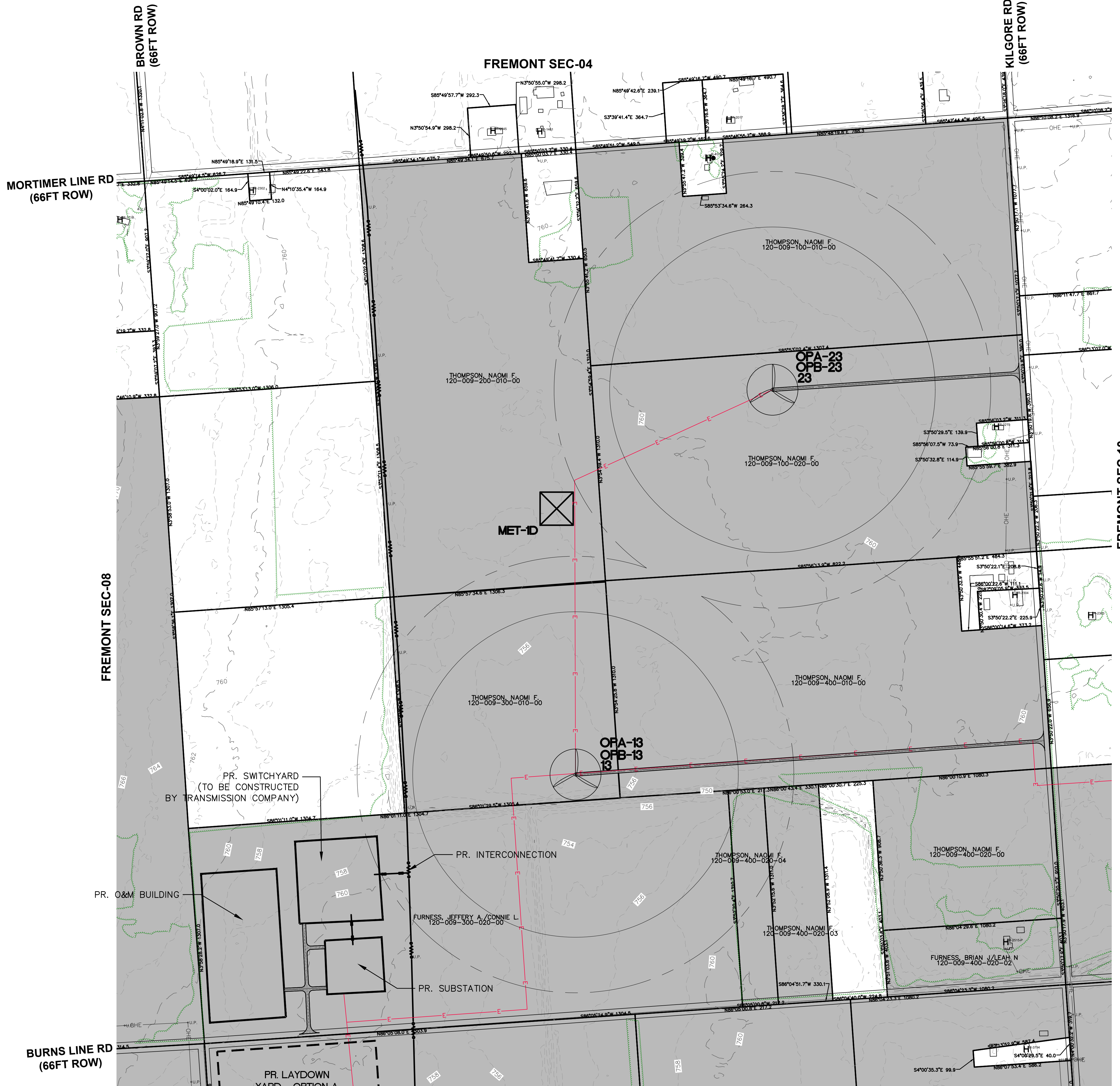
REVISIONS

SCALE	0 150 300
	1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-07

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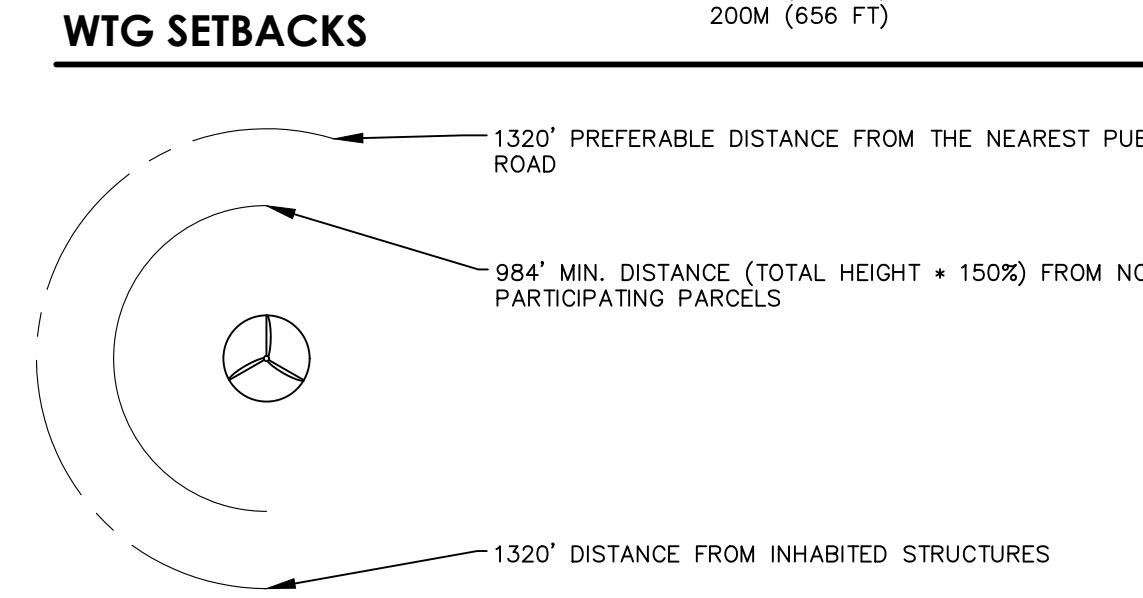
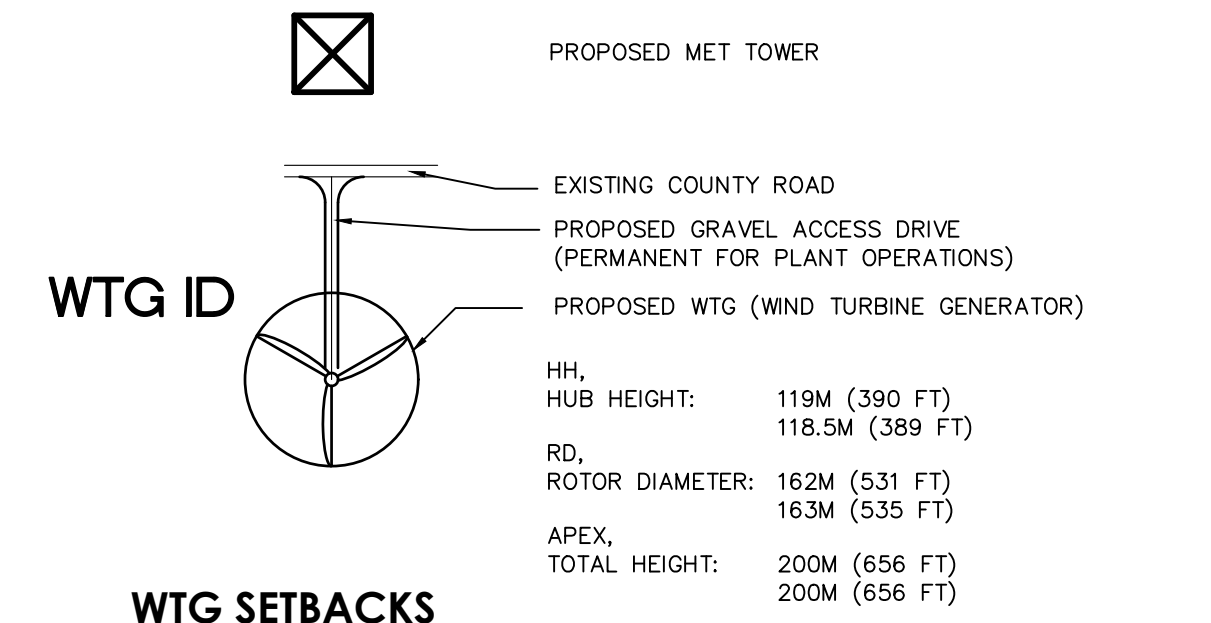




KEY MAP  
NO SCALE

**LEGEND**

[Symbol]	EXISTING STRUCTURE
[Symbol]	EXISTING HABITABLE STRUCTURE
[Symbol]	EXISTING ROAD R.O.W.
[Symbol]	EXISTING RAILROAD
[Symbol]	EXISTING SECTION LINE
[Symbol]	EXISTING OVERHEAD ELECTRICAL
[Symbol]	EXISTING TRANSMISSION LINE
[Symbol]	EXISTING TREE LINE
[Symbol]	EXISTING PARCEL BOUNDARY
[Symbol]	RIVERBEND SIGNED PARCEL
[Symbol]	RIVERBEND PENDING PARCEL
[Symbol]	PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
[Symbol]	PROPOSED COLLECTION ALTERNATE
[Symbol]	PROPOSED ACCESS ROAD GRAVEL
[Symbol]	PROPOSED MET TOWER



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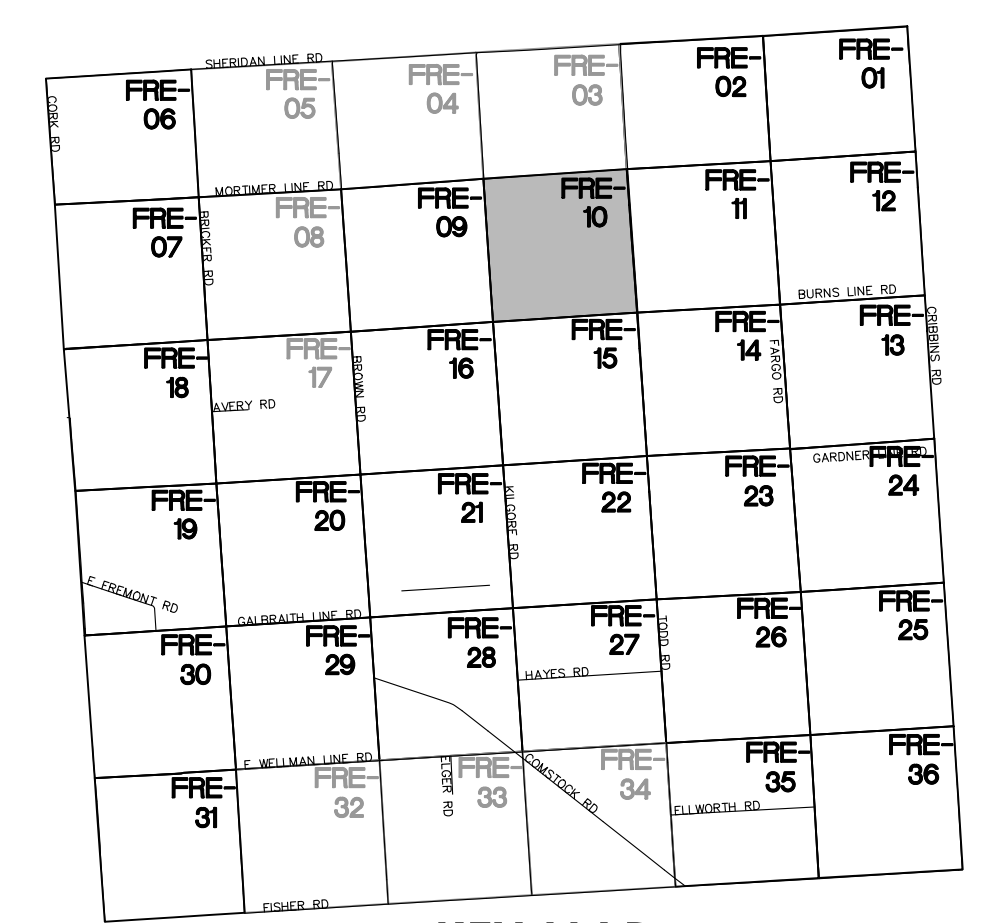
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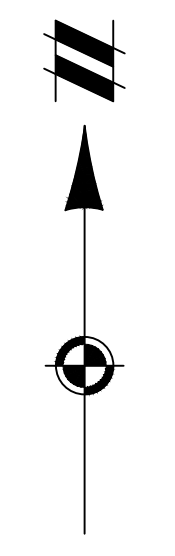
CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 09

DATE	AUG. 30, 2022
REVISIONS	
SCALE	0 150 300 1" = 300 FEET
DR.	MB [CH. BS]
P.M.	J.W.
BOOK	
JOB	21003645
SHEET NO.	FRE-09





KEY MAP  
NO SCALE



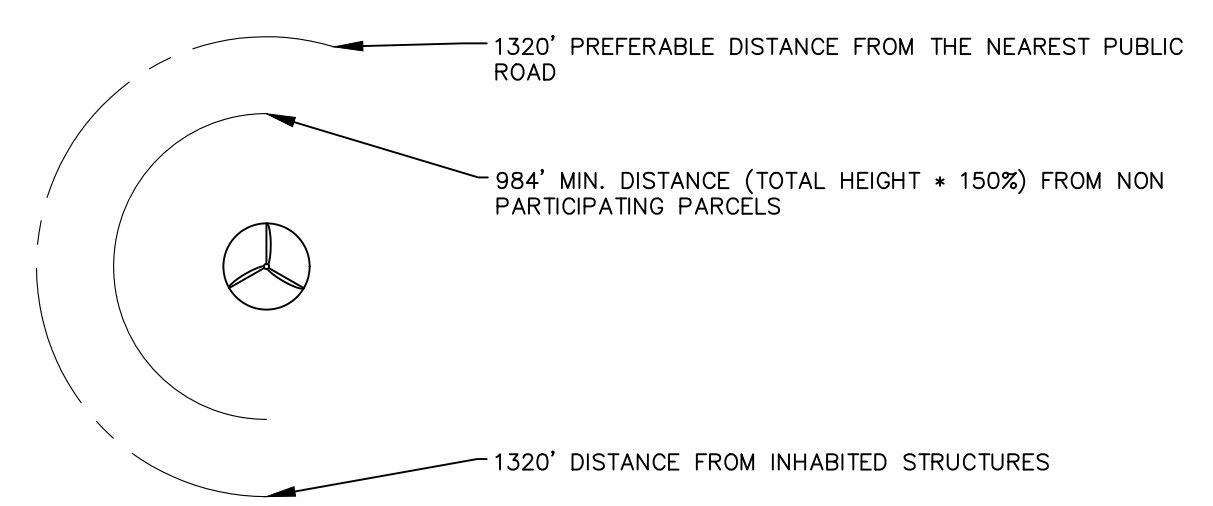
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
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WTG ID

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- 163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)
- 200M (656 FT)

WTG SETBACKS



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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT	ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 10

DATE	AUG. 30, 2022
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REVISIONS

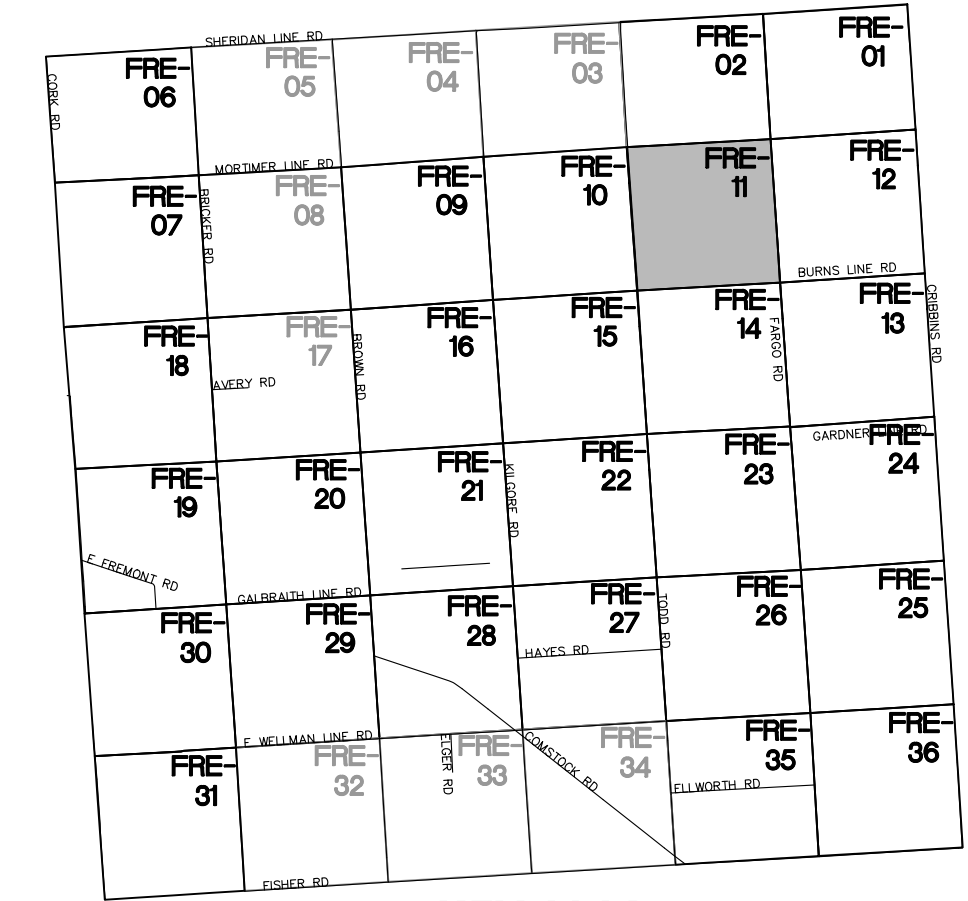
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P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-10

NOT FOR CONSTRUCTION

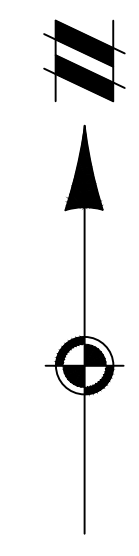
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KEY MAP  
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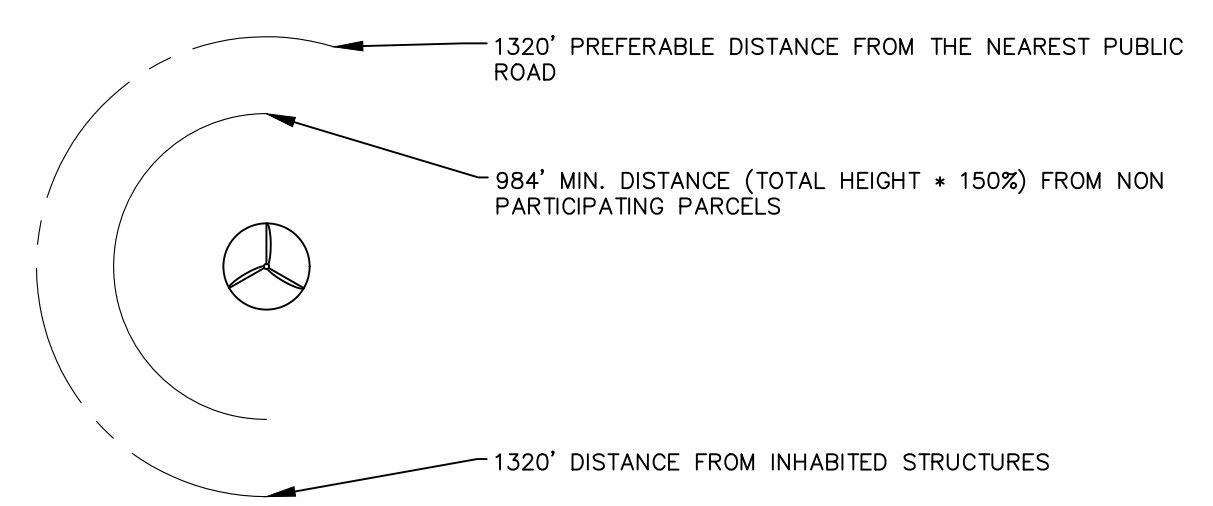
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
- RIVERBEND SIGNED PARCEL
- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID

- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)
- HH,  
HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)
- RD,  
ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)
- APEX,  
TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

WTG SETBACKS



NOTES:

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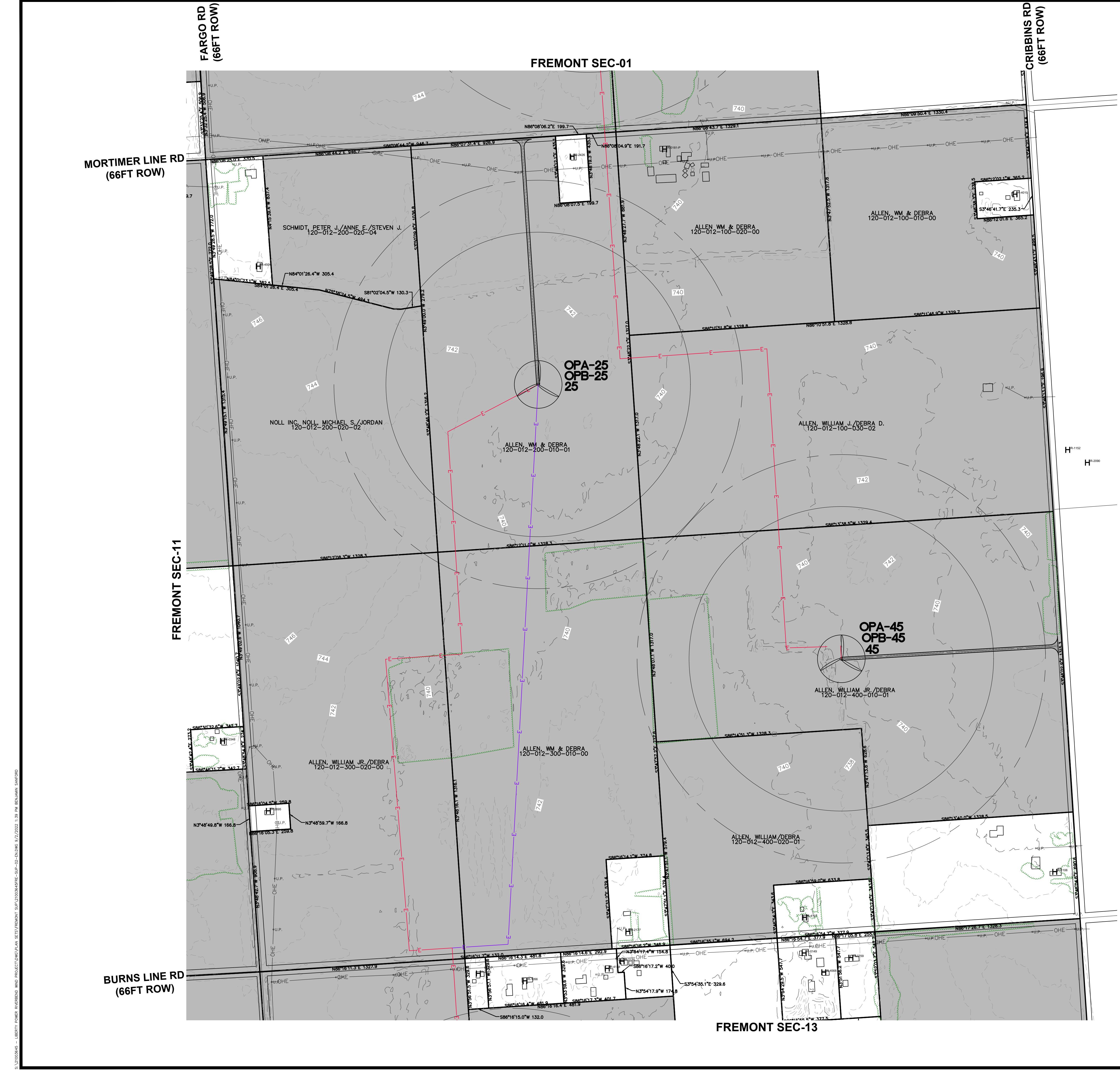
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	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 11

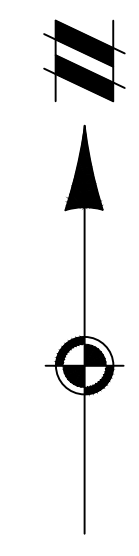
DATE: AUG. 30, 2022

REVISIONS	
SCALE	0 150 300 1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-11





KEY MAP  
NO SCALE



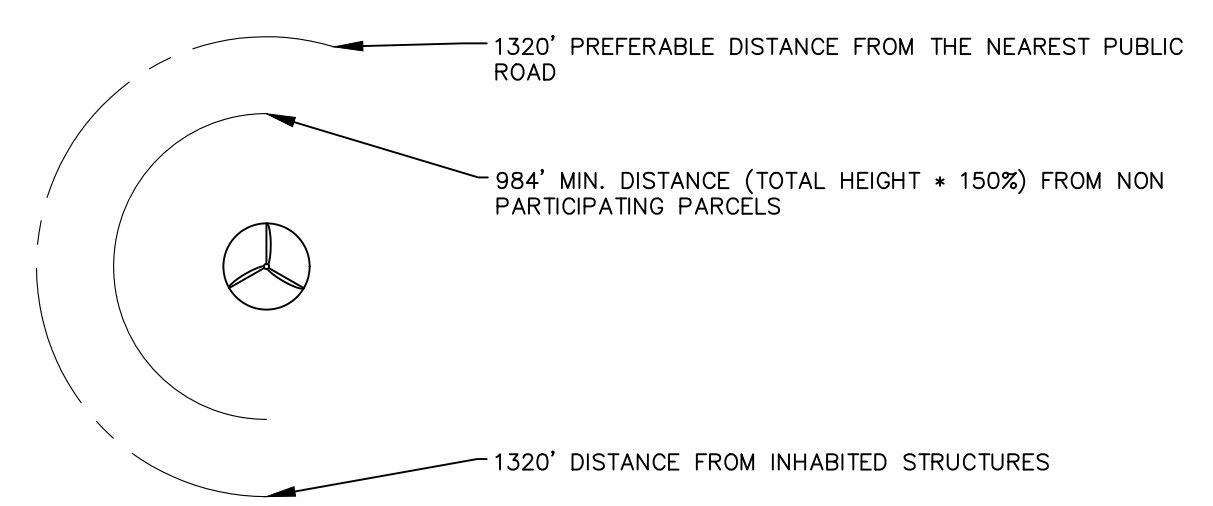
**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)

**WTG ID**

- HH, HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)
- RD, ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

**WTG SETBACKS**



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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 12

DATE: AUG. 30, 2022

REVISIONS	

SCALE: 0 150 300  
1" = 300 FEET  
DR. MB | CH. BS  
P.M. JW  
BOOK: ---  
JOB: 21003645  
SHEET NO.  
FRE-12

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248.447.2000

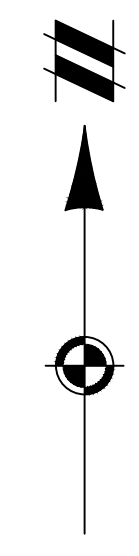
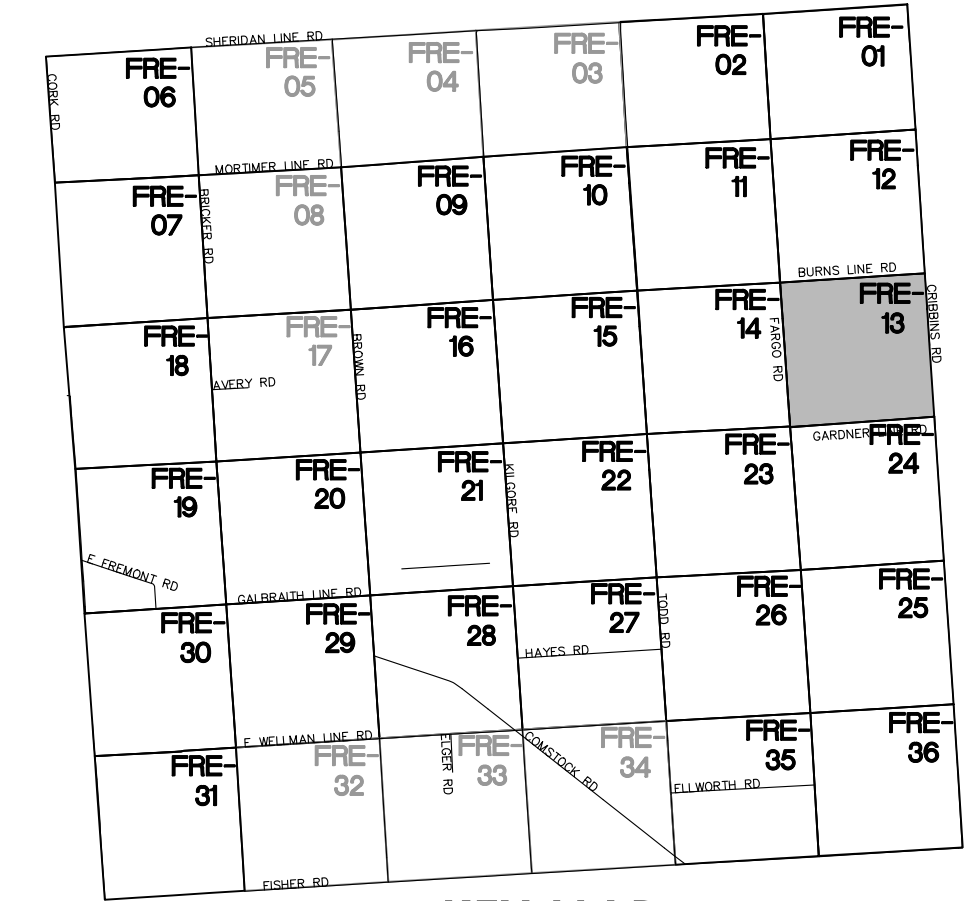
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TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 13

DATE: AUG. 30, 2022

SCALE: 0 150 300  
1" = 300 FEET

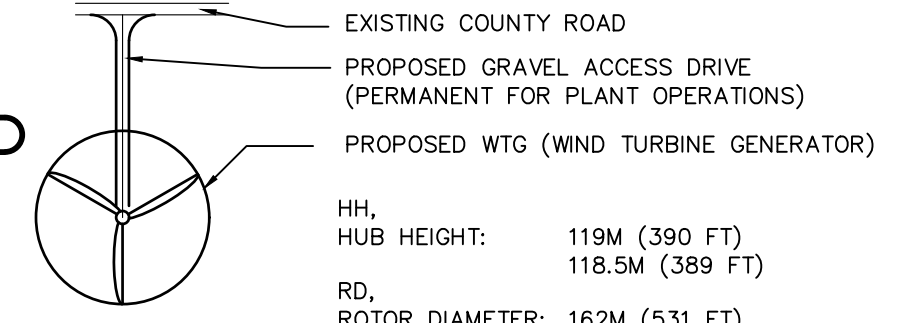
DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. FRE-13



### LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

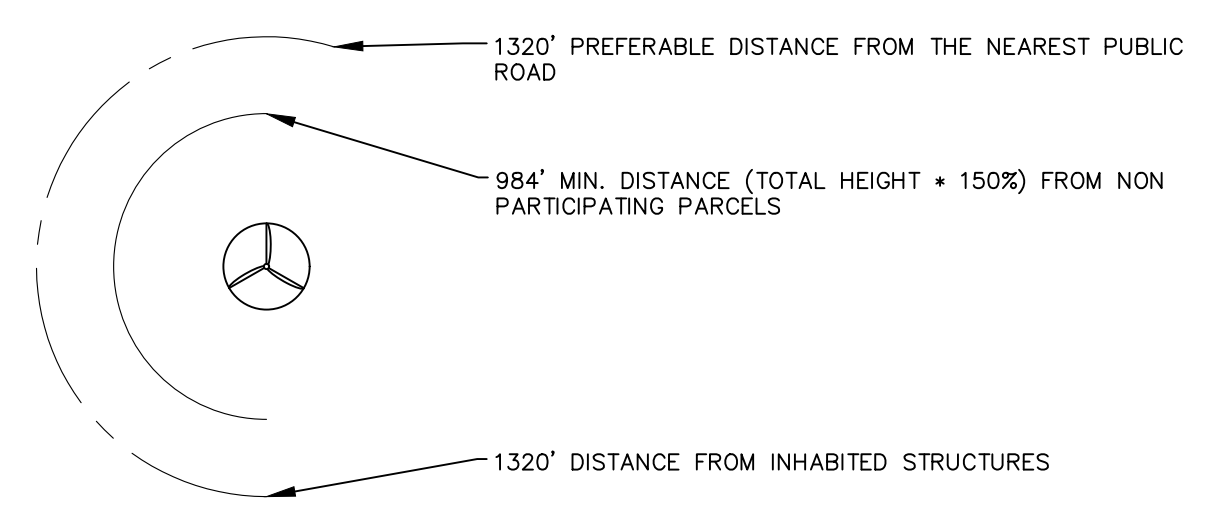
### WTG ID



EXISTING COUNTY ROAD  
PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)  
PROPOSED WTG (WIND TURBINE GENERATOR)

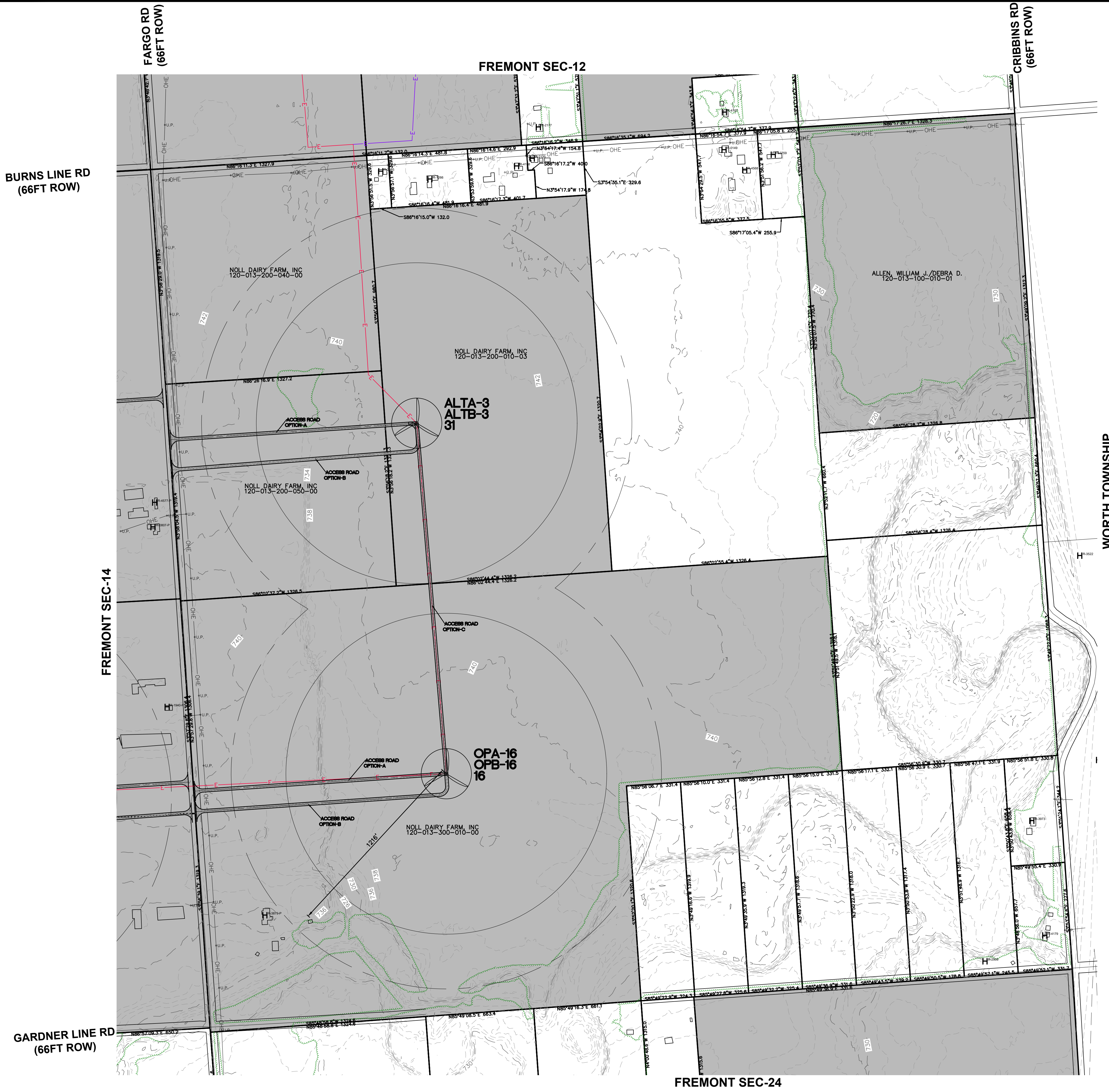
HH,  
HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)  
RD,  
ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)  
APEX,  
TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

### WTG SETBACKS



### NOTES:

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WORTH TOWNSHIP

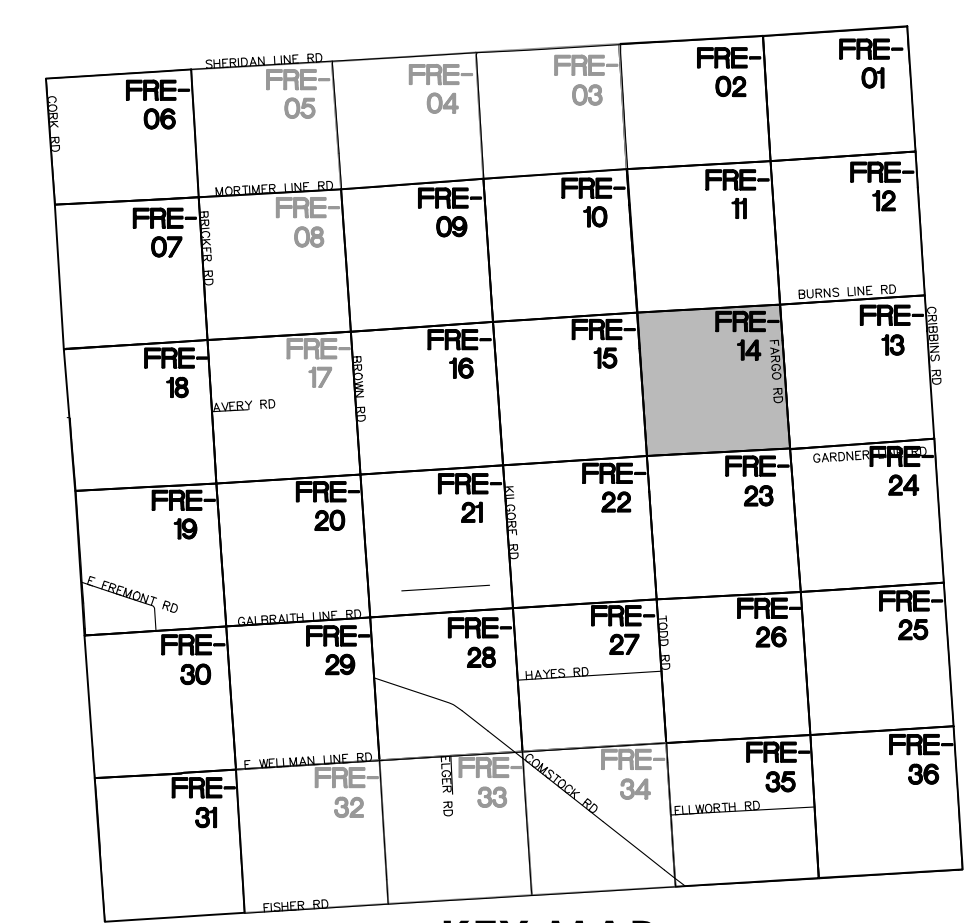
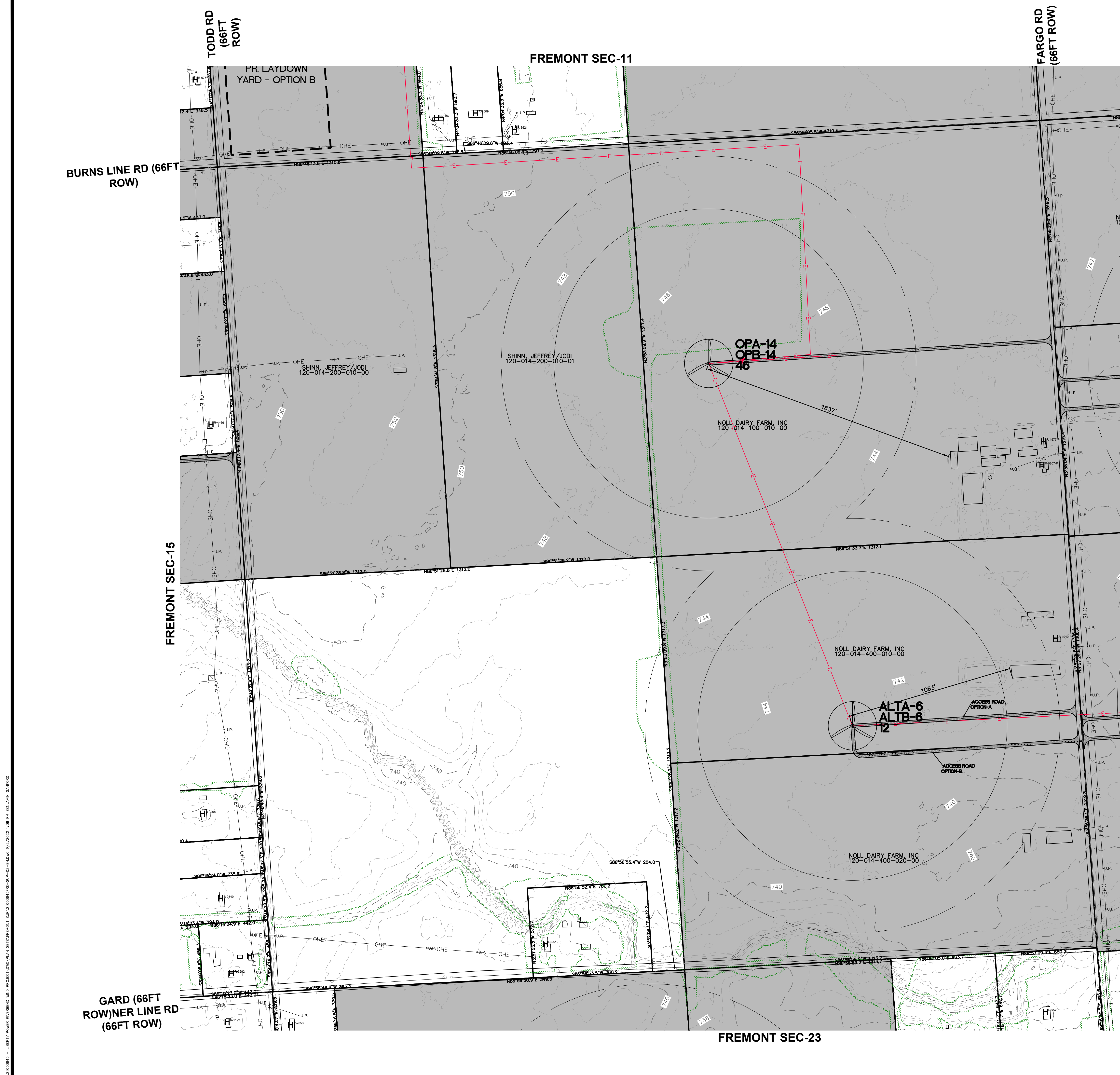
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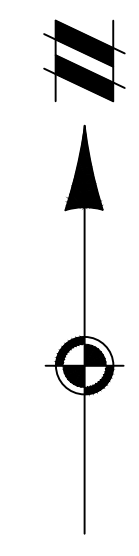
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**KEY MAP**  
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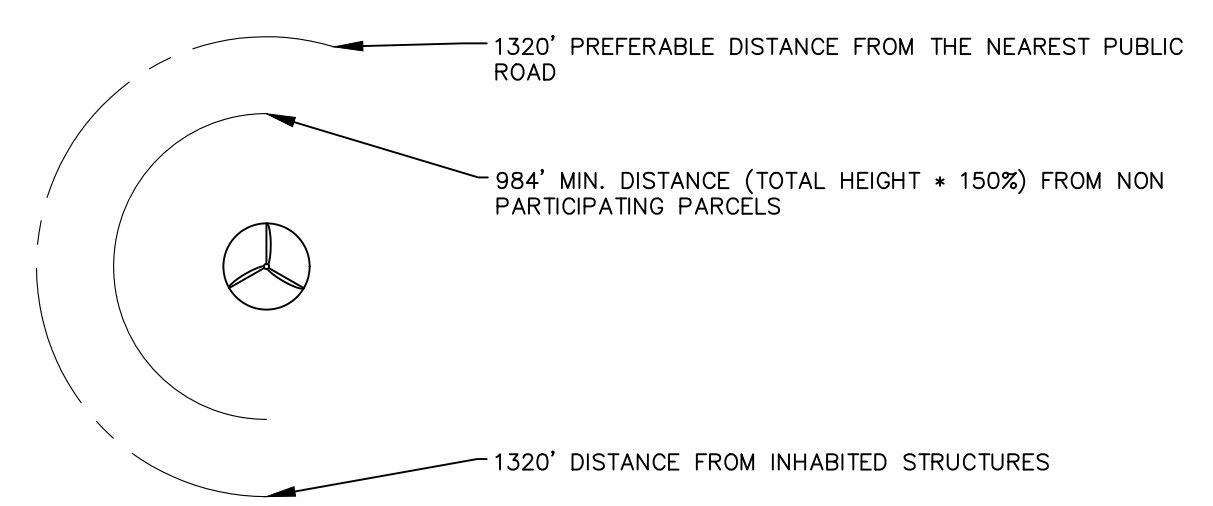
**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
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- EXISTING TREE LINE
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- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
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**WTG ID**

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163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

**WTG SETBACKS**



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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT SPECIAL LAND USE SITE PLANS  
TWP: FREMONT TWP - SEC 14

DATE: AUG. 30, 2022

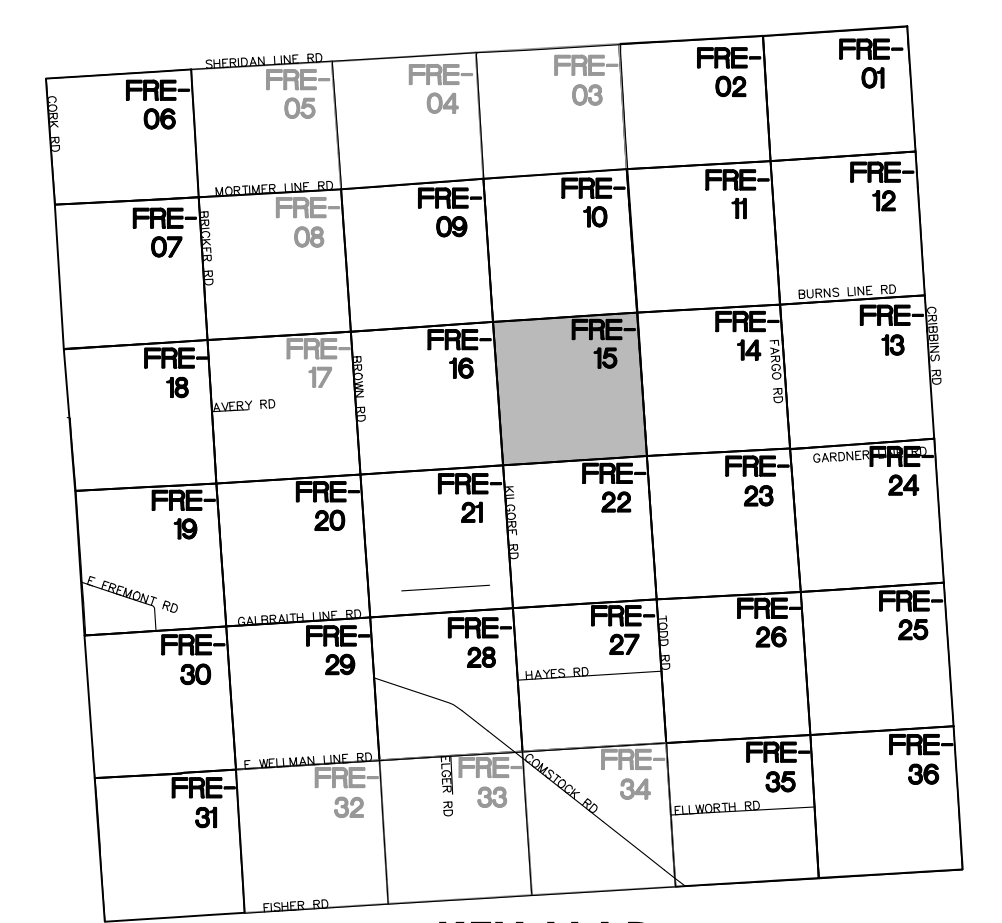
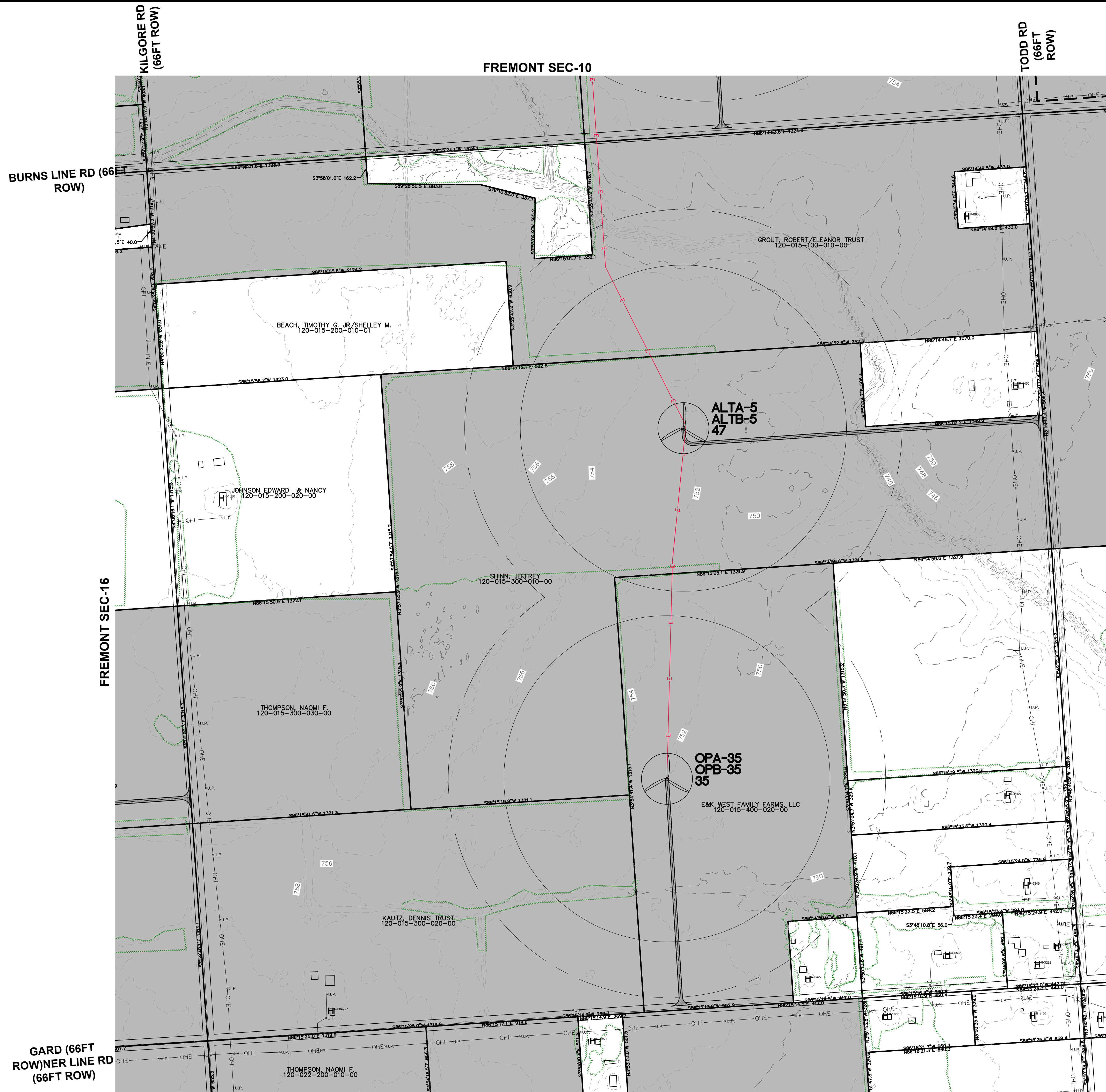
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P.M. JW
BOOK ---
JOB 21003645
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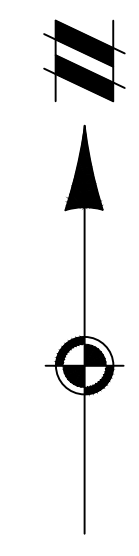
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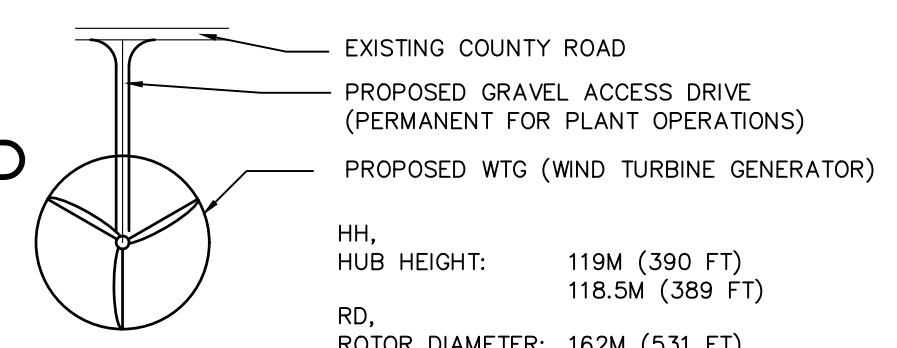
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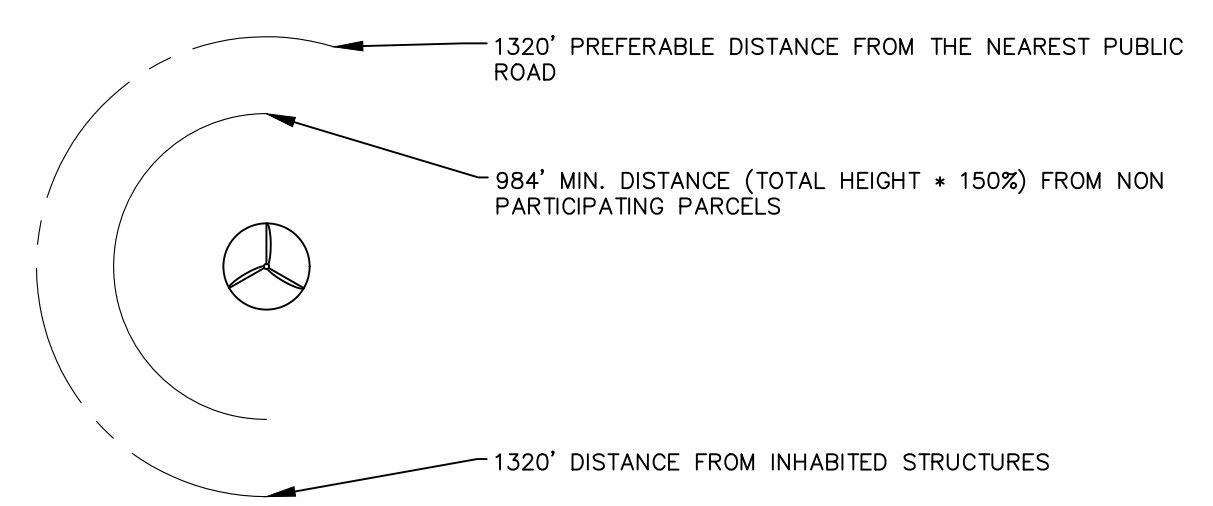
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID



WTG SETBACKS



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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT	ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 15

DATE	AUG. 30, 2022
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REVISIONS	

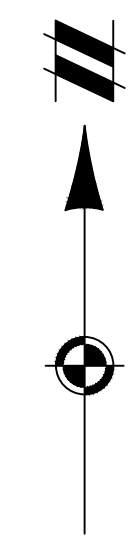
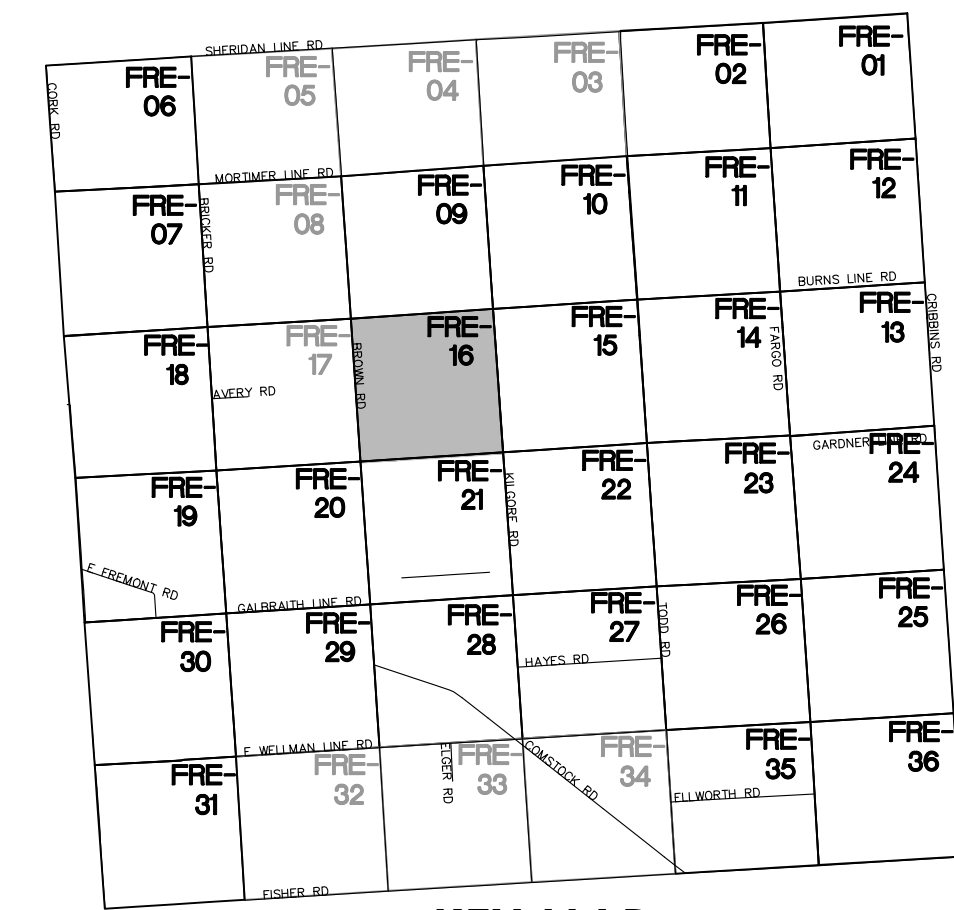
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DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-15

NOT FOR CONSTRUCTION

S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\PRELIM SUP\21003645PRE-SUP-02-PLAN-9/27/2022 1:40 PM.BJH\DWG.DWG

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**LEGEND**

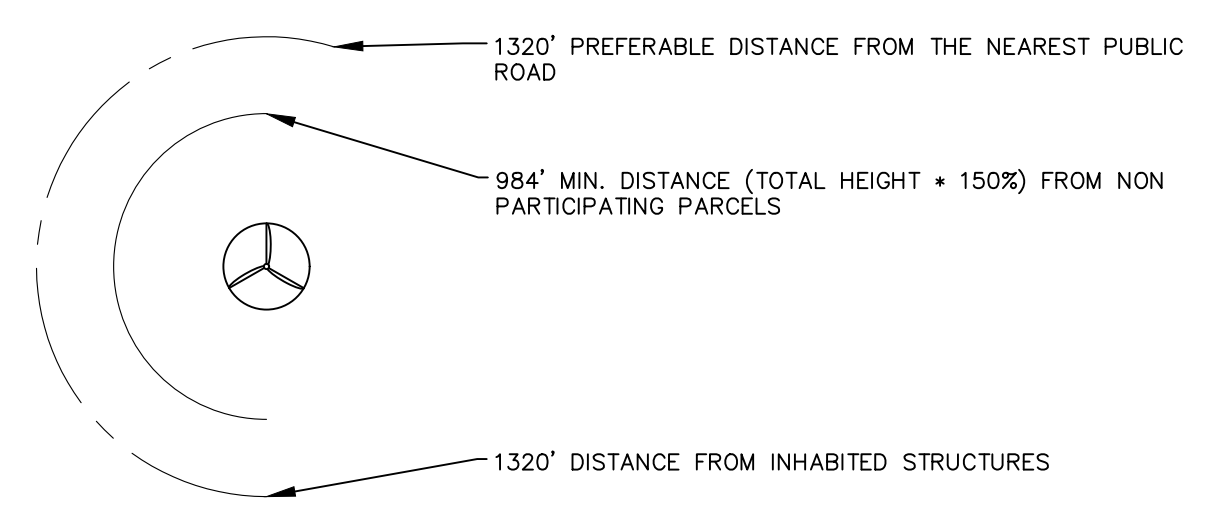
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[Symbol]	EXISTING RAILROAD
[Symbol]	EXISTING SECTION LINE
[Symbol]	EXISTING OVERHEAD ELECTRICAL
[Symbol]	EXISTING TRANSMISSION LINE
[Symbol]	EXISTING TREE LINE
[Symbol]	EXISTING PARCEL BOUNDARY
[Symbol]	RIVERBEND SIGNED PARCEL
[Symbol]	RIVERBEND PENDING PARCEL
[Symbol]	PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
[Symbol]	PROPOSED COLLECTION ALTERNATE
[Symbol]	PROPOSED ACCESS ROAD GRAVEL
[Symbol]	PROPOSED MET TOWER

**WTG ID**

[Symbol]	EXISTING COUNTY ROAD
[Symbol]	PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
[Symbol]	PROPOSED WTG (WIND TURBINE GENERATOR)

**WTG SETBACKS**

HH,	HUB HEIGHT:	119M (390 FT)
		118.5M (389 FT)
RD,	ROTOR DIAMETER:	162M (531 FT)
		163M (535 FT)
APEX,	TOTAL HEIGHT:	200M (656 FT)
		200M (656 FT)



- NOTES:**
- ELECTRICAL COLLECTION LINES AND ACCESS ROADS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE PER FINAL DESIGN AND LANDOWNER FEEDBACK.
  - ONLY ONE ACCESS ROAD WILL BE CONSTRUCTED AT EACH TURBINE.
  - A BOUNDARY SURVEY WAS CONDUCTED AT ALL INSTANCES WHERE A NON-PARTICIPATING PARCEL WAS WITHIN 50' OF THE REQUIRED SETBACK TO ENSURE COMPLIANCE.
  - O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

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SOUTHFIELD, MI 48076  
248.447.2000

SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 16A

DATE: AUG. 30, 2022

REVISIONS

SCALE	0 150 300
	1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-16A

NOT FOR CONSTRUCTION





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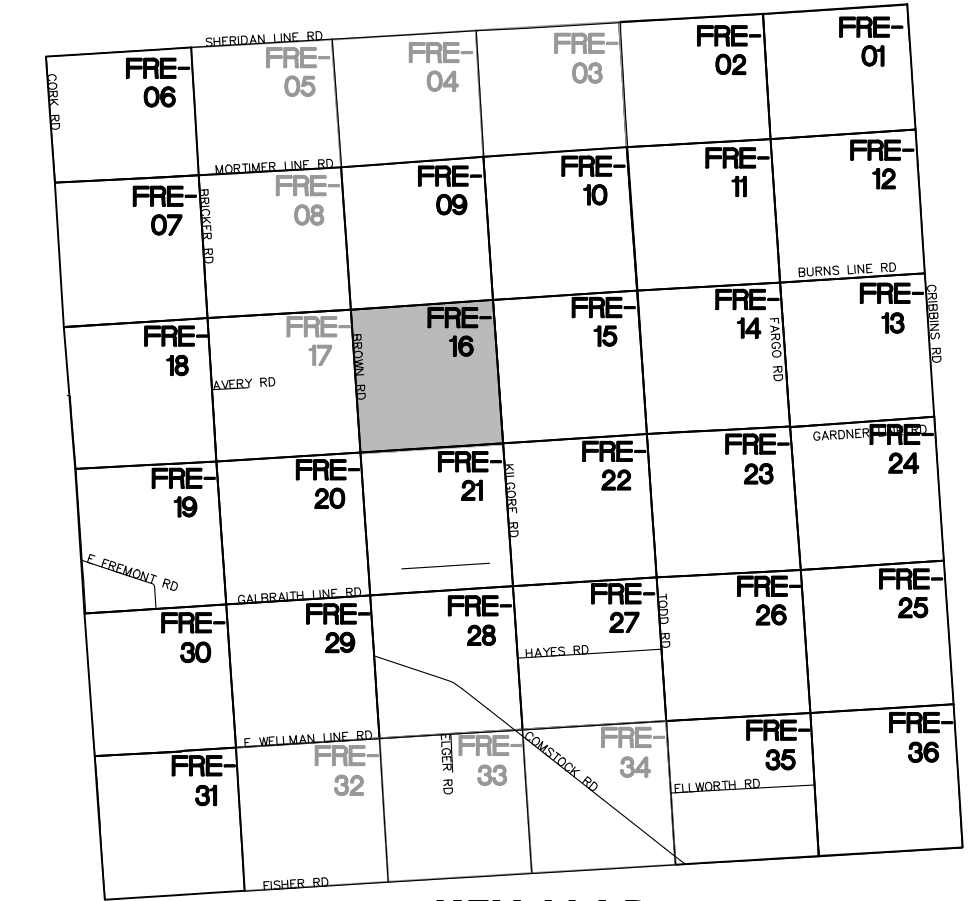
SECTION: REFER TO SHEETS TOWN 09 NORTH, RANGE 15 EAST FREMONT TOWNSHIP SANILAC COUNTY, MICHIGAN

CLIENT ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC PROJECT RIVERBEND WIND PROJECT SPECIAL LAND USE SITE PLANS SHEET TWP-SEC 16B

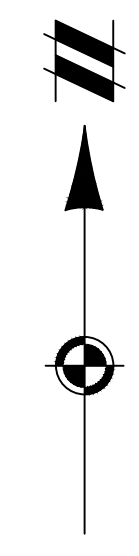
DATE AUG. 30, 2022

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KEY MAP NO SCALE



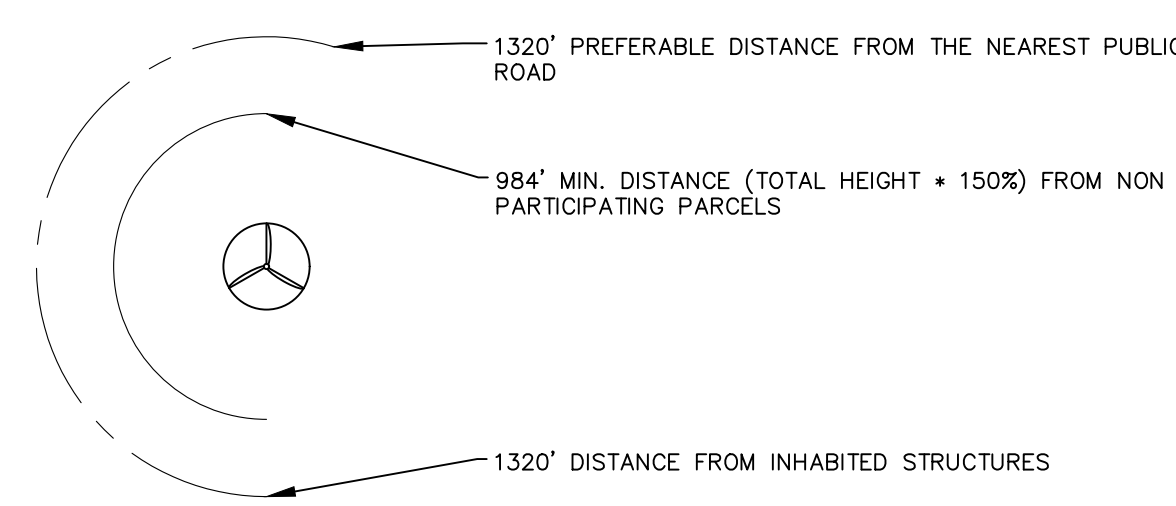
LEGEND

- EXISTING STRUCTURE, EXISTING HABITABLE STRUCTURE, EXISTING ROAD R.O.W., EXISTING RAILROAD, EXISTING SECTION LINE, EXISTING OVERHEAD ELECTRICAL, EXISTING TRANSMISSION LINE, EXISTING TREE LINE, EXISTING PARCEL BOUNDARY, RIVERBEND SIGNED PARCEL, RIVERBEND PENDING PARCEL, PROPOSED COLLECTION LINE ROUTE, PROPOSED COLLECTION ALTERNATE, PROPOSED ACCESS ROAD GRAVEL, PROPOSED MET TOWER, EXISTING COUNTY ROAD, PROPOSED GRAVEL ACCESS DRIVE, PROPOSED WTG (WIND TURBINE GENERATOR)

WTG ID

- HH, HUB HEIGHT: 119M (390 FT) 118.5M (389 FT), RD, ROTOR DIAMETER: 162M (531 FT) 163M (535 FT), APEX, TOTAL HEIGHT: 200M (656 FT) 200M (656 FT)

WTG SETBACKS



NOTES:

- 1. ELECTRICAL COLLECTION LINES AND ACCESS ROADS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE PER FINAL DESIGN AND LANDOWNER FEEDBACK. 2. ONLY ONE ACCESS ROAD WILL BE CONSTRUCTED AT EACH TURBINE. 3. A BOUNDARY SURVEY WAS CONDUCTED AT ALL INSTANCES WHERE A NON-PARTICIPATING PARCEL WAS WITHIN 50' OF THE REQUIRED SETBACK TO ENSURE COMPLIANCE. 4. O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

FREMONT SEC-09



BURNS LINE RD (66FT ROW)

BROWN RD (66FT ROW)

FREMONT SEC-17

GARD (66FT ROW)NER LINE RD (66FT ROW)

KILGORE RD (66FT ROW)

FREMONT SEC-15

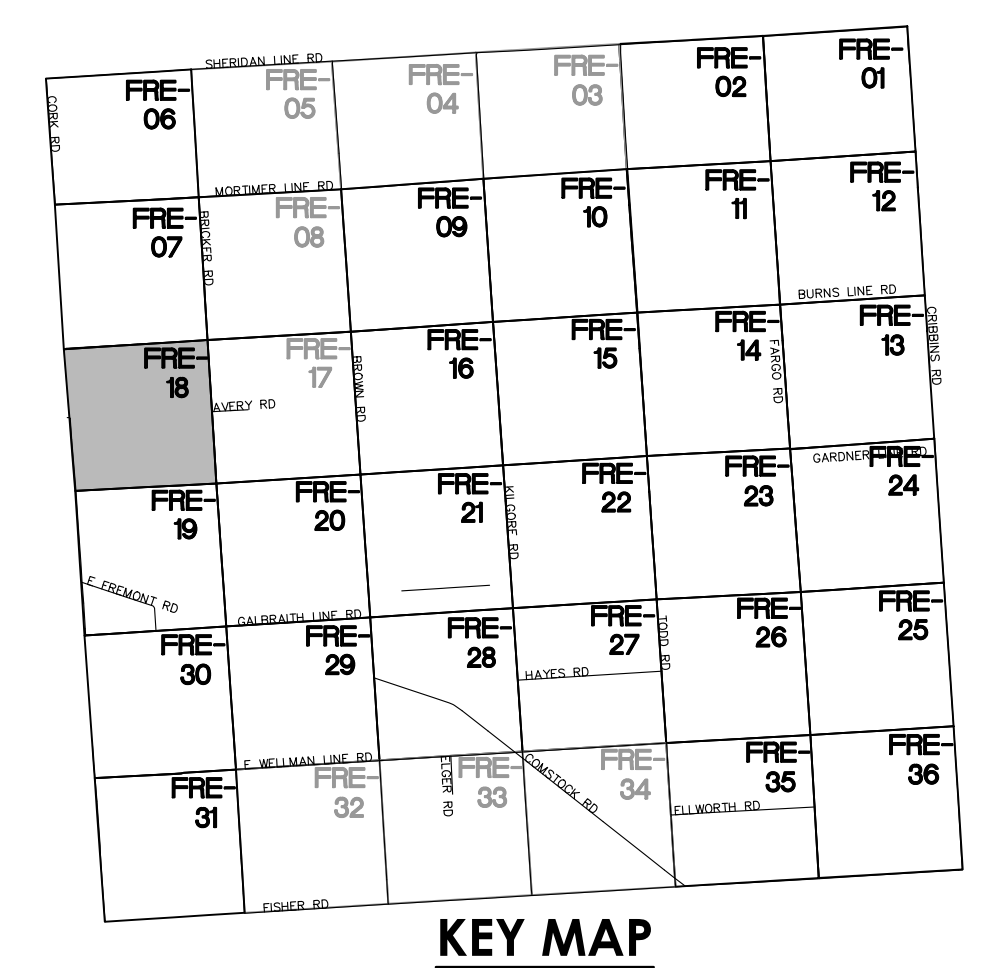
FREMONT SEC-21

NOT FOR CONSTRUCTION

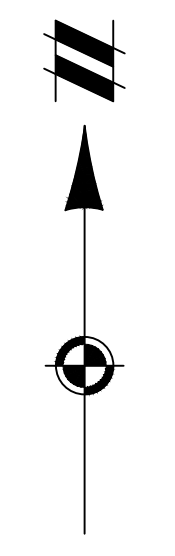
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KEY MAP  
NO SCALE



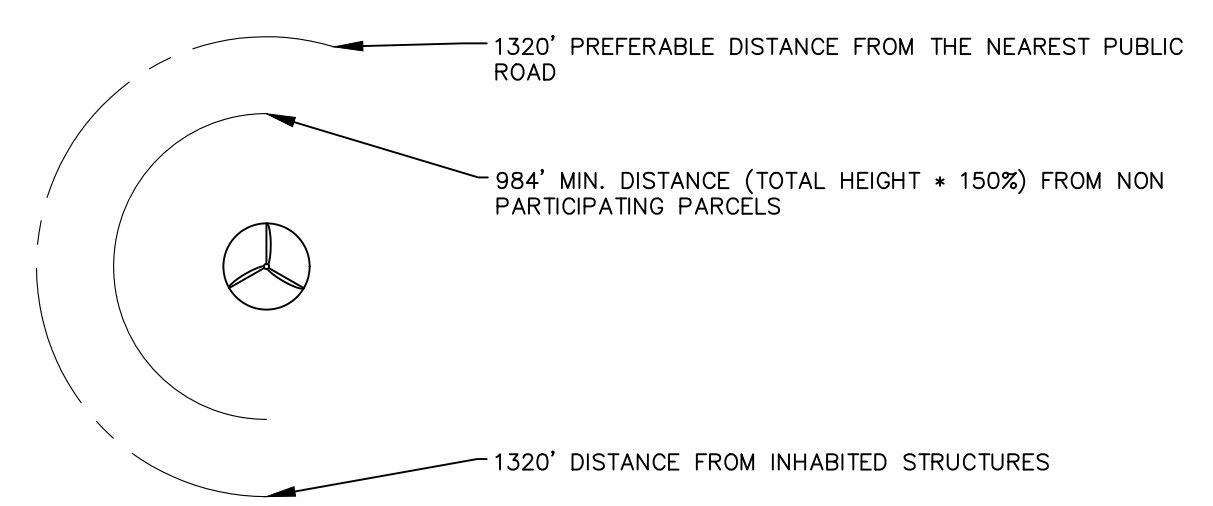
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)

WTG ID

- HH, HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)
- RD, ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

WTG SETBACKS



NOTES:

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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 18

DATE: AUG. 30, 2022

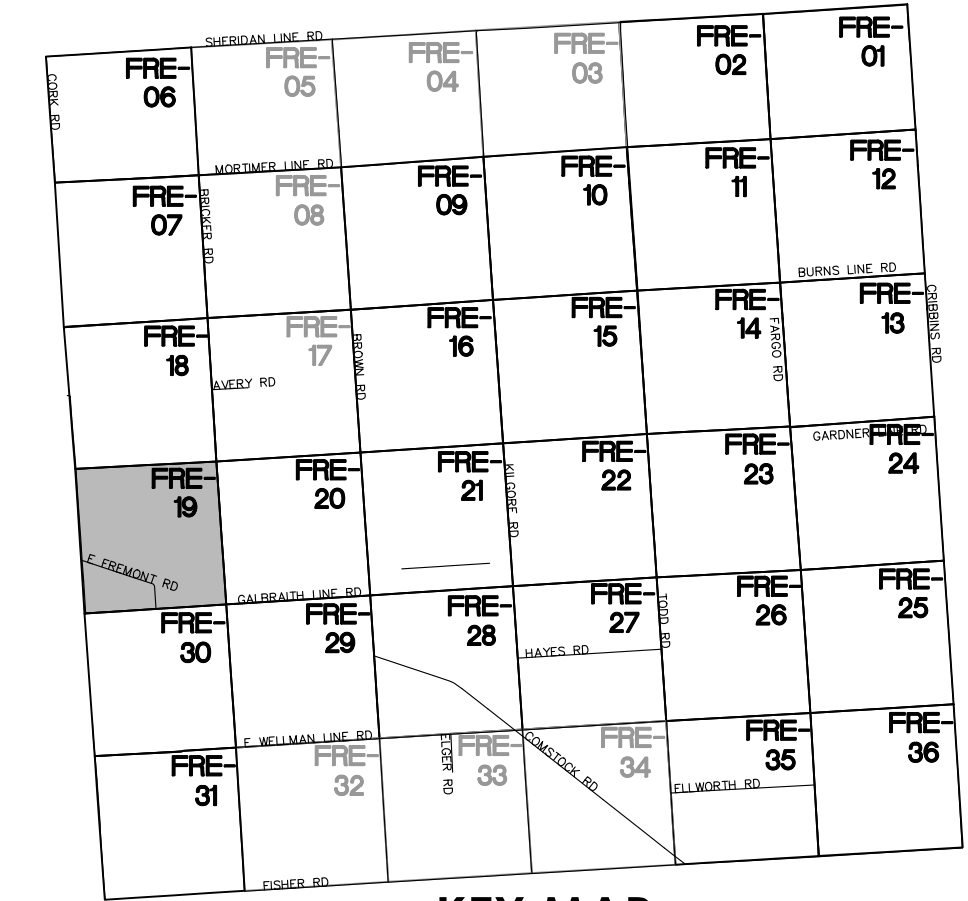
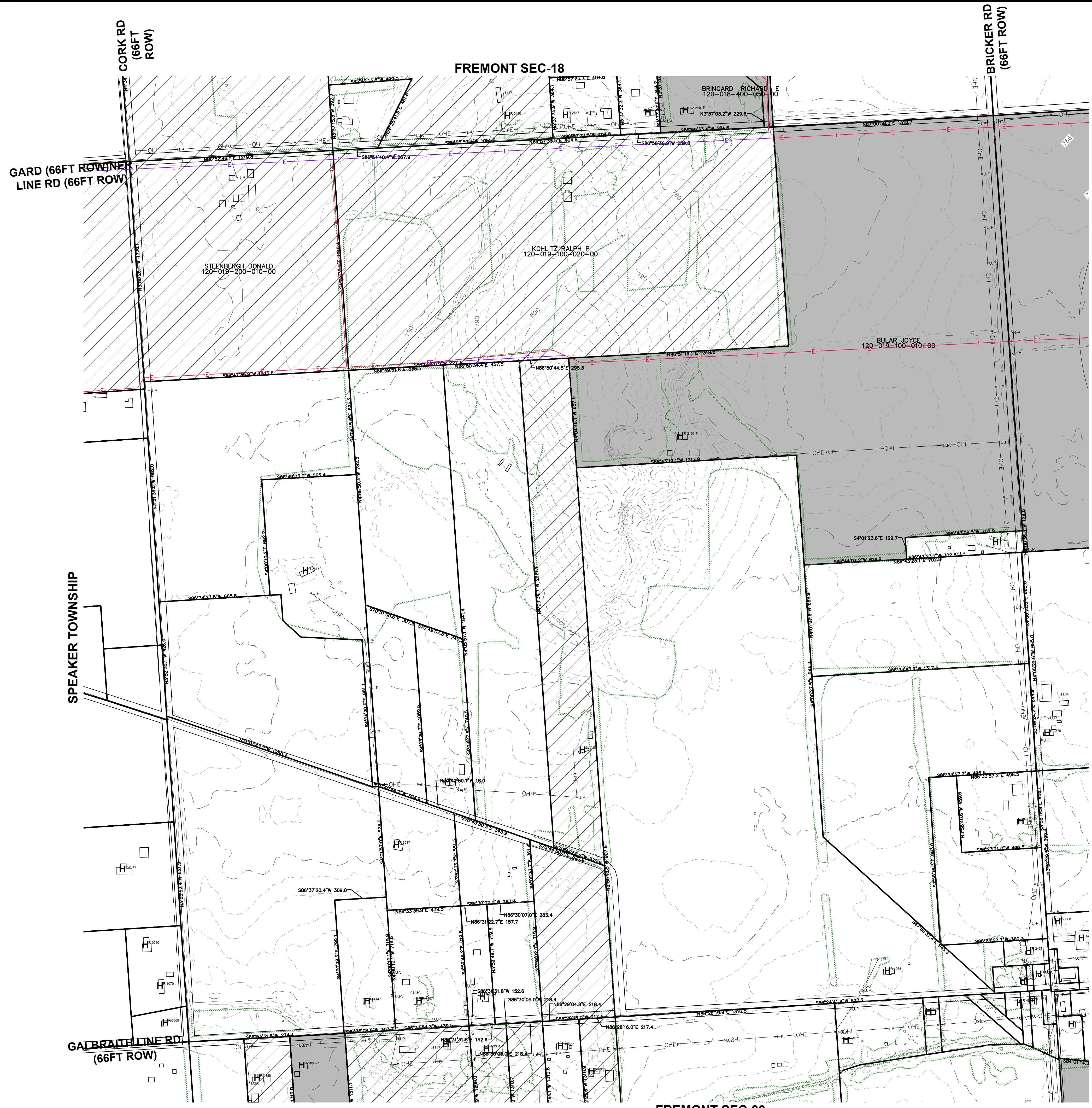
REVISIONS	
SCALE	0 150 300
1" = 300 FEET	
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-18

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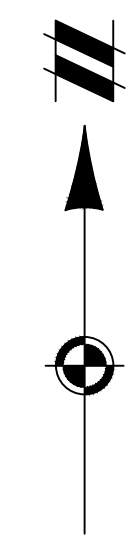
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KEY MAP  
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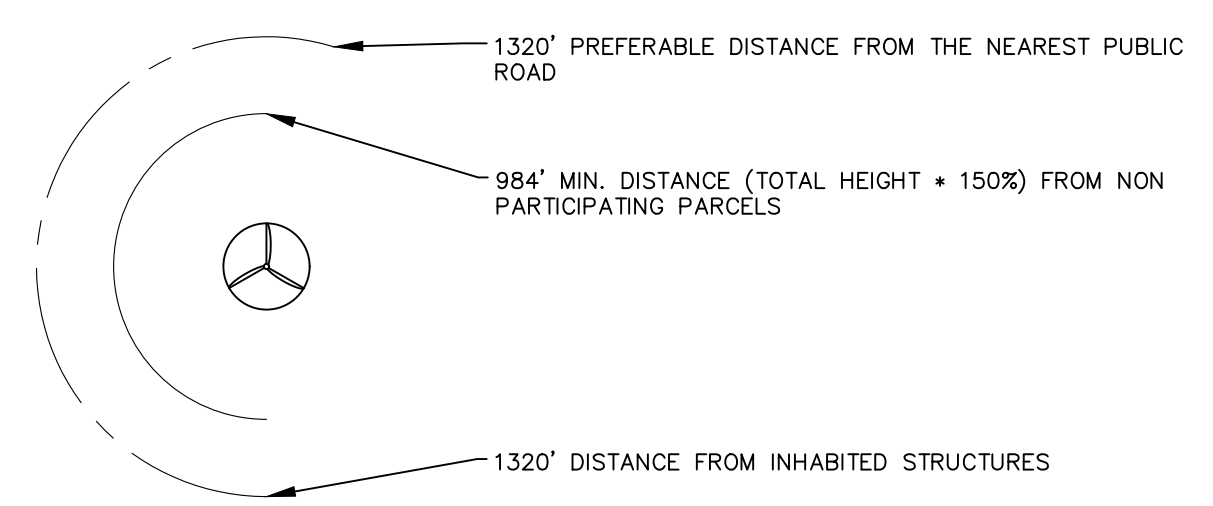
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID

- EXISTING COUNTY ROAD
  - PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
  - PROPOSED WTG (WIND TURBINE GENERATOR)
- HH, HUB HEIGHT: 119M (390 FT)  
 118.5M (389 FT)  
 RD, ROTOR DIAMETER: 162M (531 FT)  
 163M (535 FT)  
 APEX, TOTAL HEIGHT: 200M (656 FT)  
 200M (656 FT)

WTG SETBACKS



NOTES:

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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

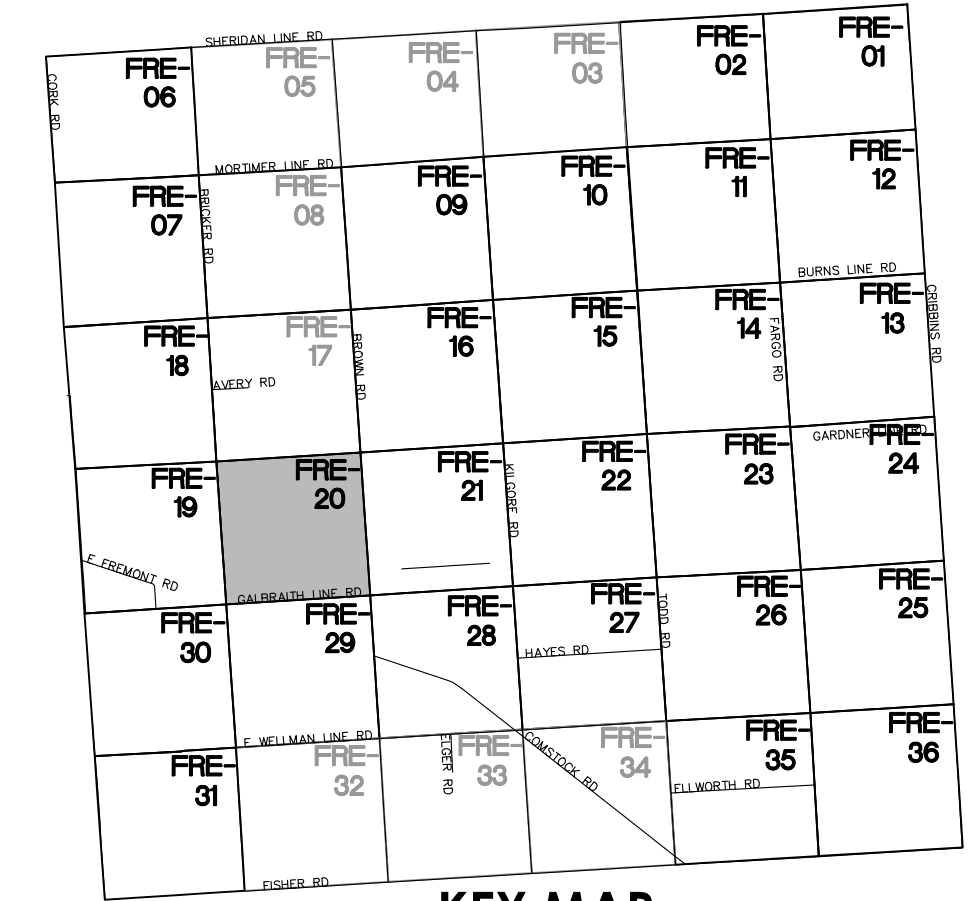
CLIENT: ALCONQUIN POWER (M.I. ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 19

DATE: AUG. 30, 2022

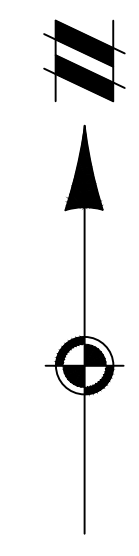
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1" = 300 FEET  
DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. FRE-19

NOT FOR CONSTRUCTION





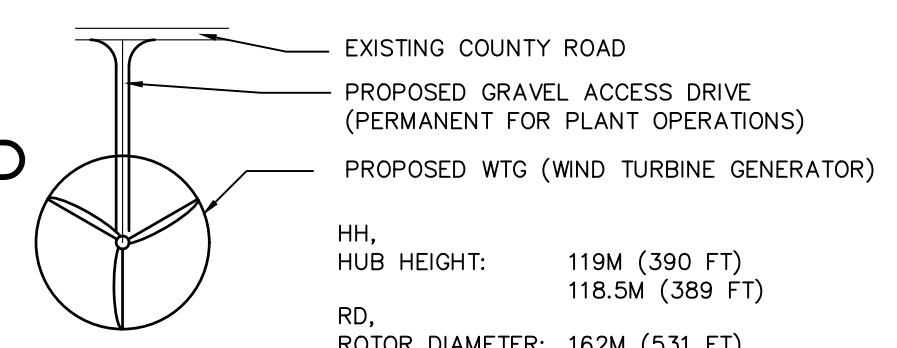
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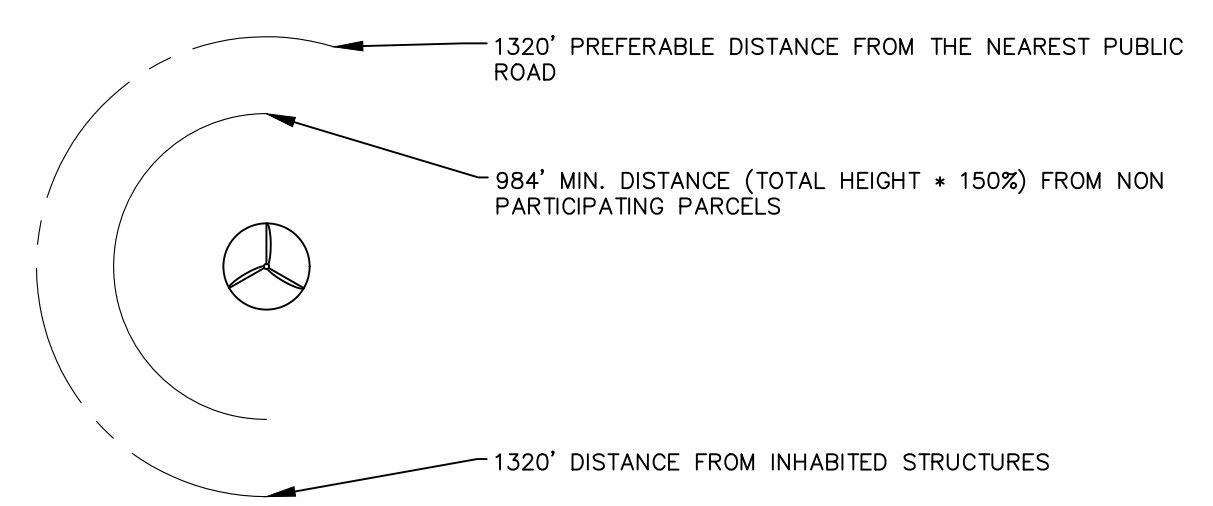
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID



WTG SETBACKS



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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

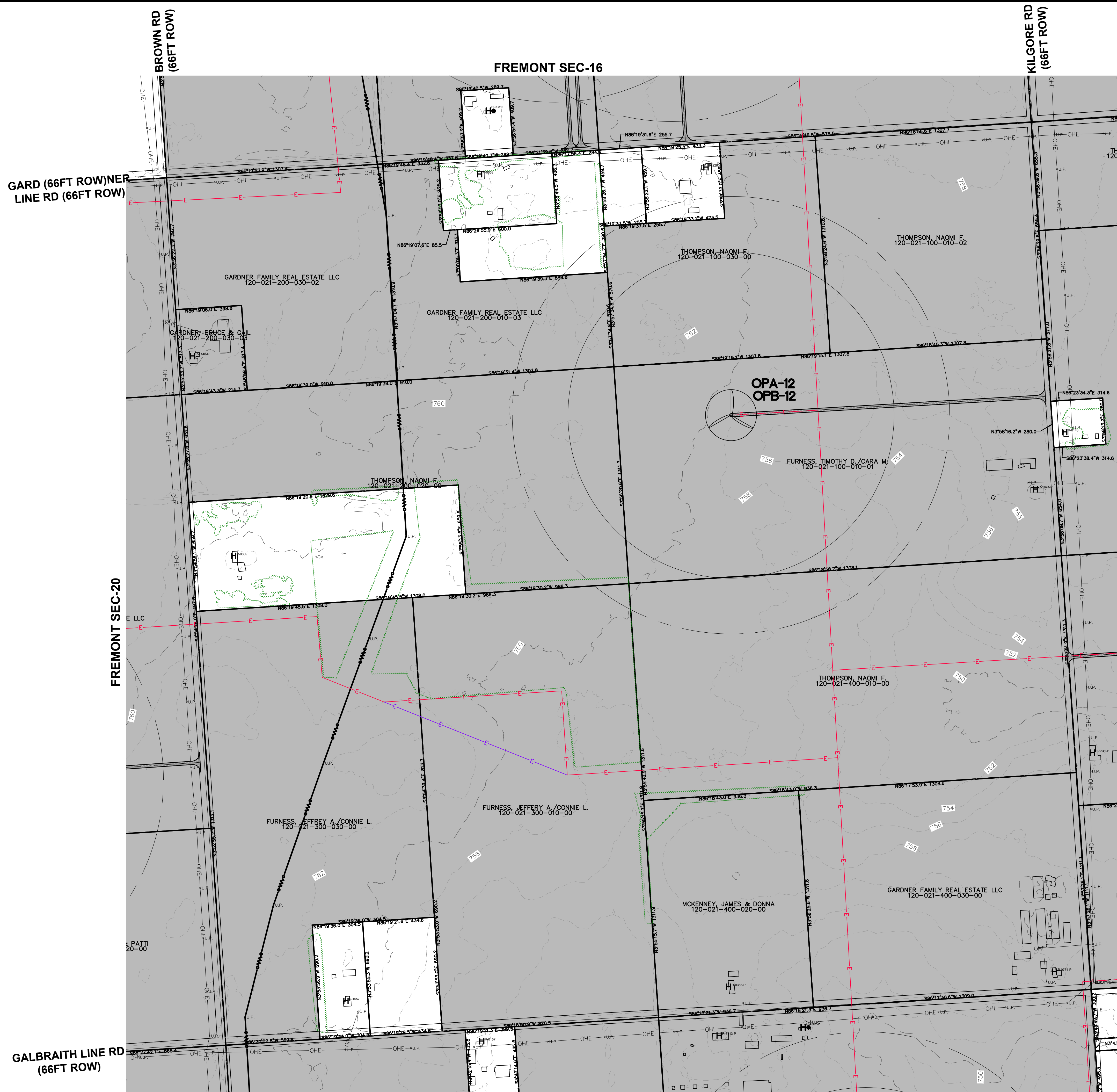
CLIENT	ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 20

DATE	AUG. 30, 2022
REVISIONS	
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DR.	MB   CH. BS
P.M.	JW
BOOK	
JOB	21003645
SHEET NO.	FRE-20

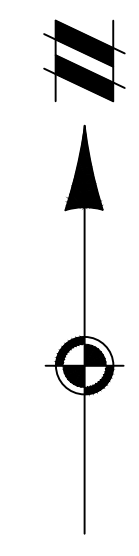
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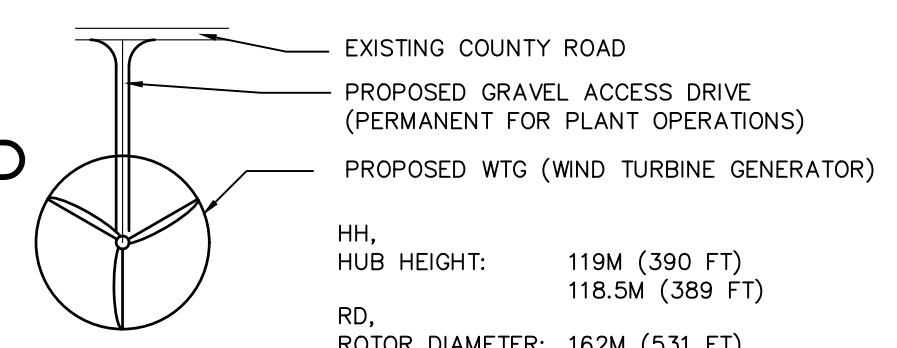
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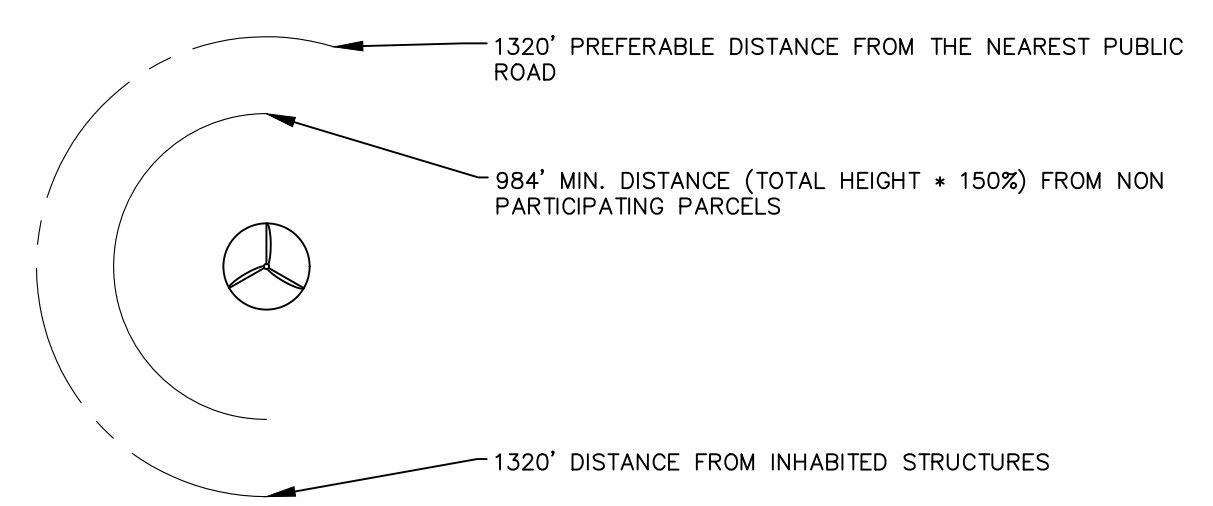
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
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- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID



WTG SETBACKS



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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT	ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 21

DATE	AUG. 30, 2022
REVISIONS	

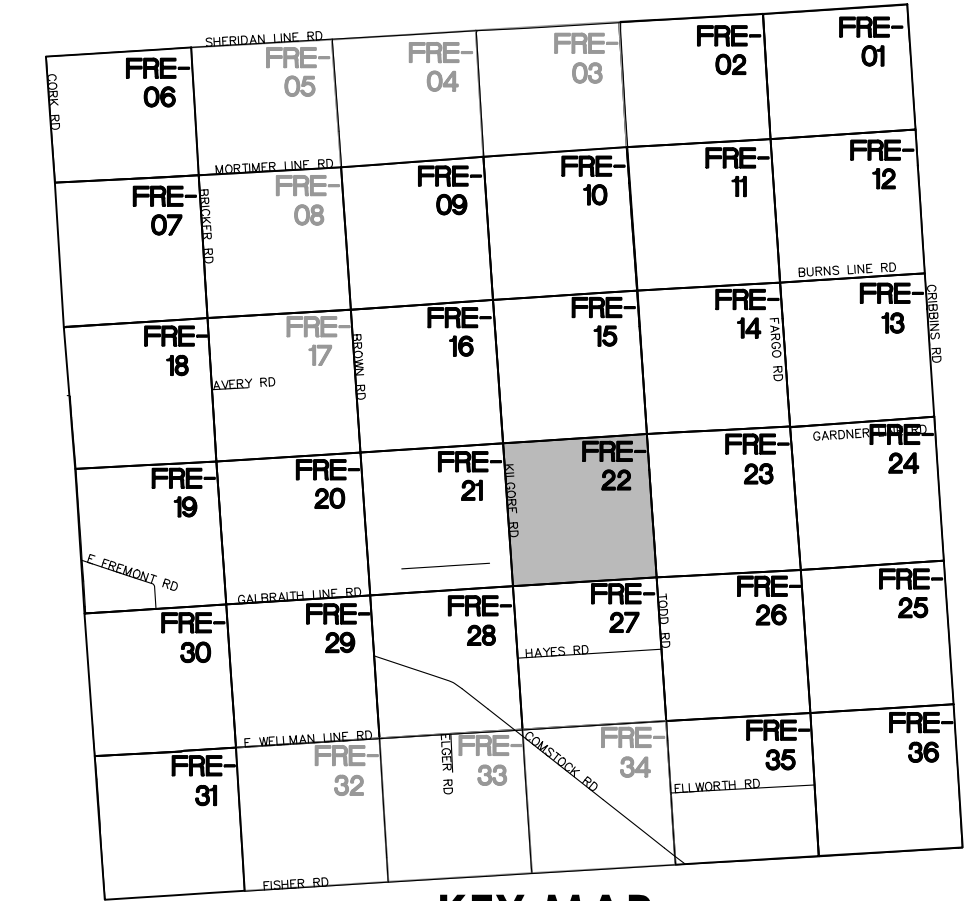
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	1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-21

NOT FOR CONSTRUCTION

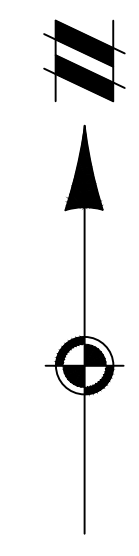
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CAD FILE: S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\PRELIM SUP\21003645PRE-SUP-02.DWG





KEY MAP  
NO SCALE



LEGEND

- EXISTING STRUCTURE
  - EXISTING HABITABLE STRUCTURE
  - EXISTING HABITABLE STRUCTURE (SURVEYED)
  - EXISTING ROAD R.O.W.
  - EXISTING RAILROAD
  - EXISTING SECTION LINE
  - EXISTING OVERHEAD ELECTRICAL
  - EXISTING TRANSMISSION LINE
  - EXISTING TREE LINE
  - EXISTING PARCEL BOUNDARY
  - RIVERBEND SIGNED PARCEL
  - RIVERBEND PENDING PARCEL
  - PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
  - PROPOSED COLLECTION ALTERNATE
  - PROPOSED ACCESS ROAD GRAVEL
  - PROPOSED MET TOWER
  - EXISTING COUNTY ROAD
  - PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
  - PROPOSED WTG (WIND TURBINE GENERATOR)
- WTG ID
- HH, HUB HEIGHT: 119M (390 FT)
  - 118.5M (389 FT)
  - RD, ROTOR DIAMETER: 162M (531 FT)
  - 163M (535 FT)
  - APEX, TOTAL HEIGHT: 200M (656 FT)
  - 200M (656 FT)
- WTG SETBACKS
- 1320' PREFERABLE DISTANCE FROM THE NEAREST PUBLIC ROAD
  - 984' MIN. DISTANCE (TOTAL HEIGHT \* 150%) FROM NON PARTICIPATING PARCELS
  - 1320' DISTANCE FROM INHABITED STRUCTURES

NOTES:

1. ELECTRICAL COLLECTION LINES AND ACCESS ROADS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE PER FINAL DESIGN AND LANDOWNER FEEDBACK.
2. ONLY ONE ACCESS ROAD WILL BE CONSTRUCTED AT EACH TURBINE.
3. A BOUNDARY SURVEY WAS CONDUCTED AT ALL INSTANCES WHERE A NON-PARTICIPATING PARCEL WAS WITHIN 50' OF THE REQUIRED SETBACK TO ENSURE COMPLIANCE.
4. O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

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248.447.2000

SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT	ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 22

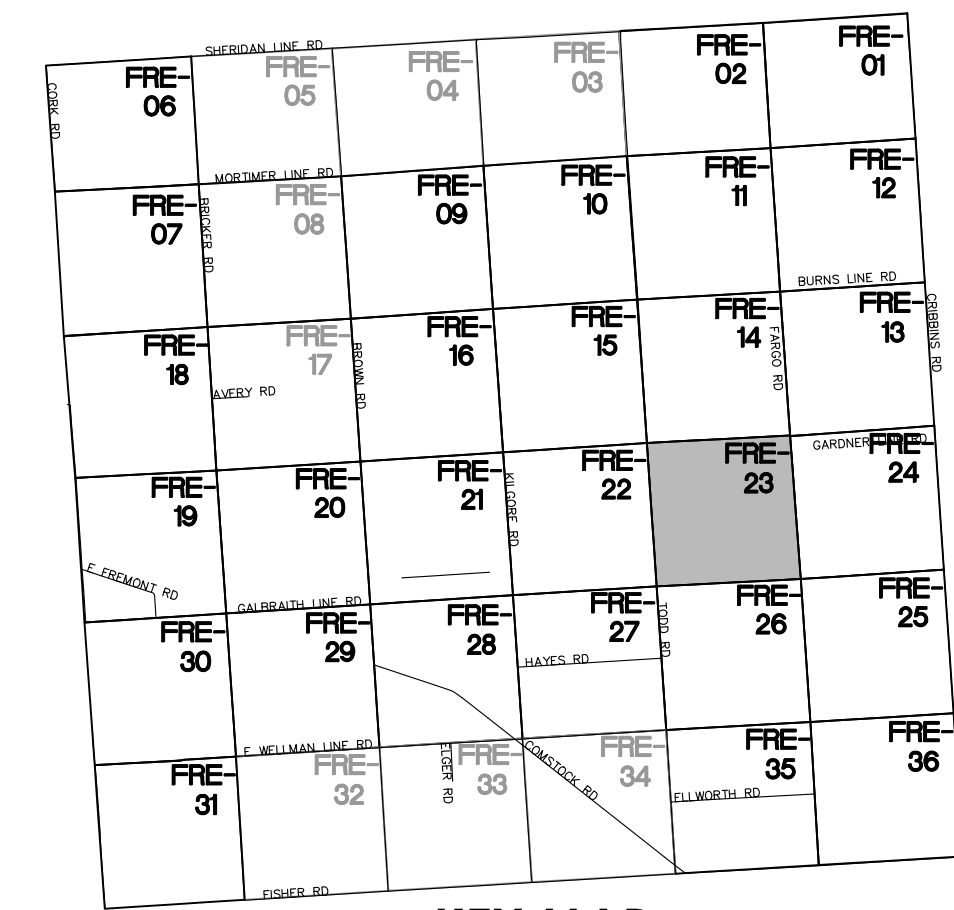
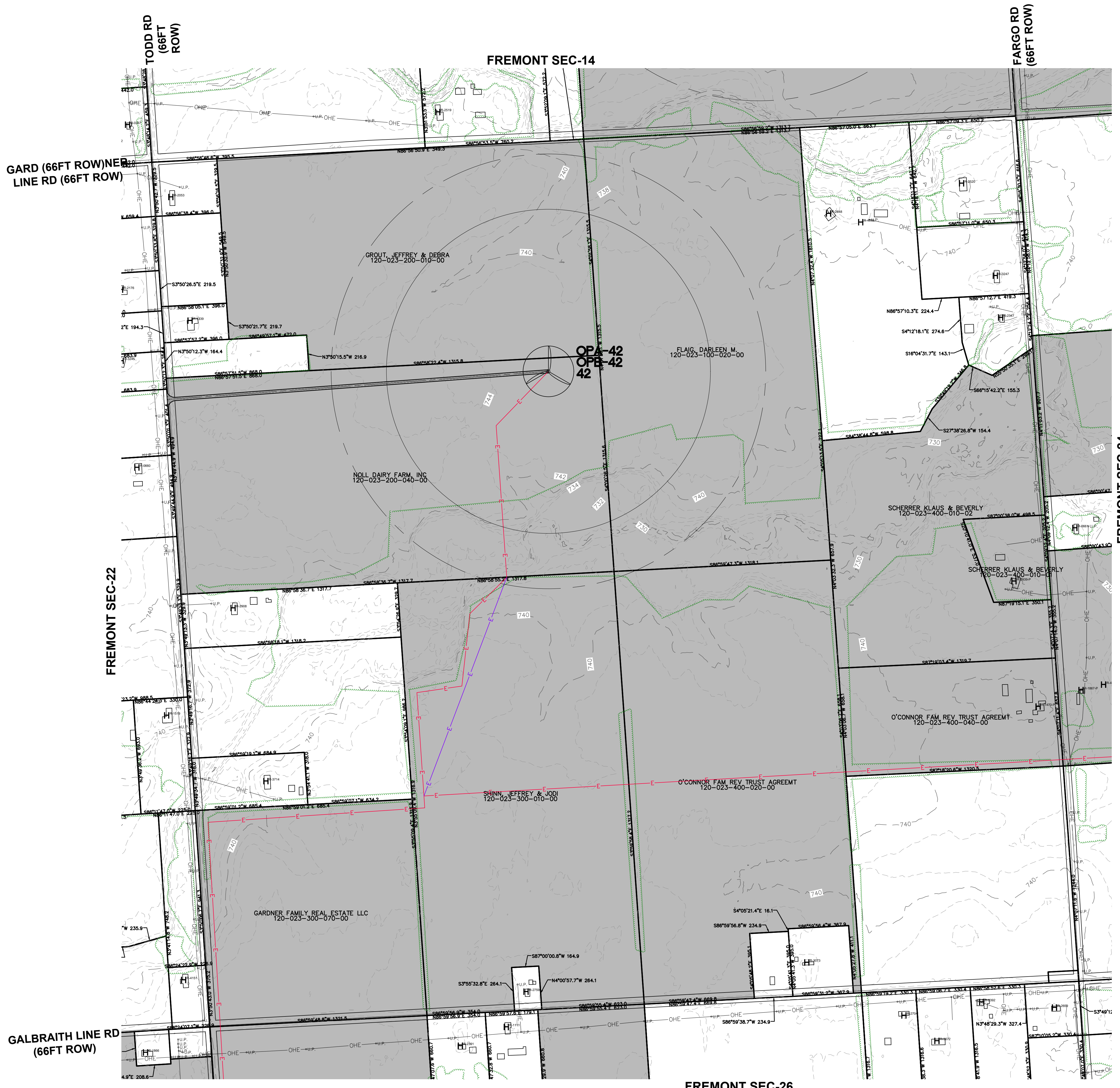
DATE	AUG. 30, 2022
REVISIONS	

SCALE	0 150 300
	1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	
JOB	21003645
SHEET NO.	FRE-22

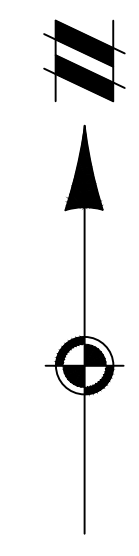
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S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\FREMONT SUP\21003645\FRE-SUP-02-EN





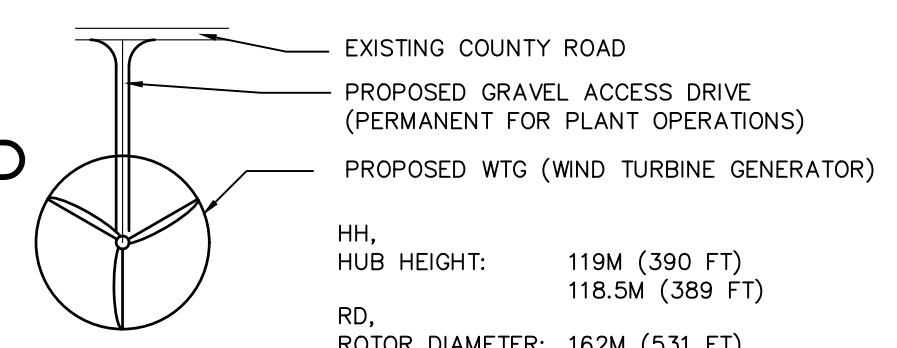
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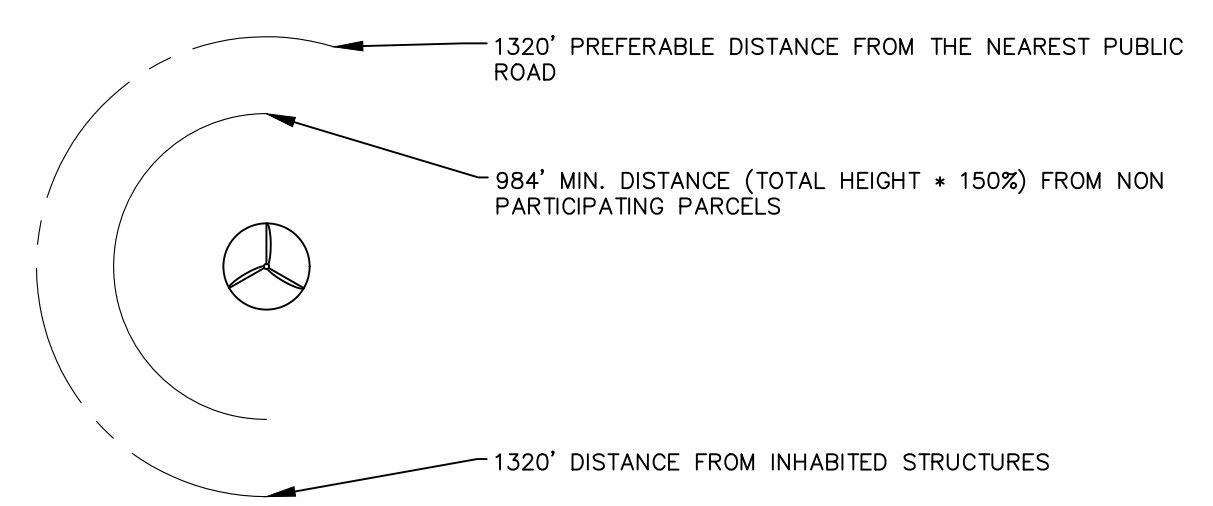
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID



WTG SETBACKS



NOTES:

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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SAILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 23

DATE: AUG. 30, 2022

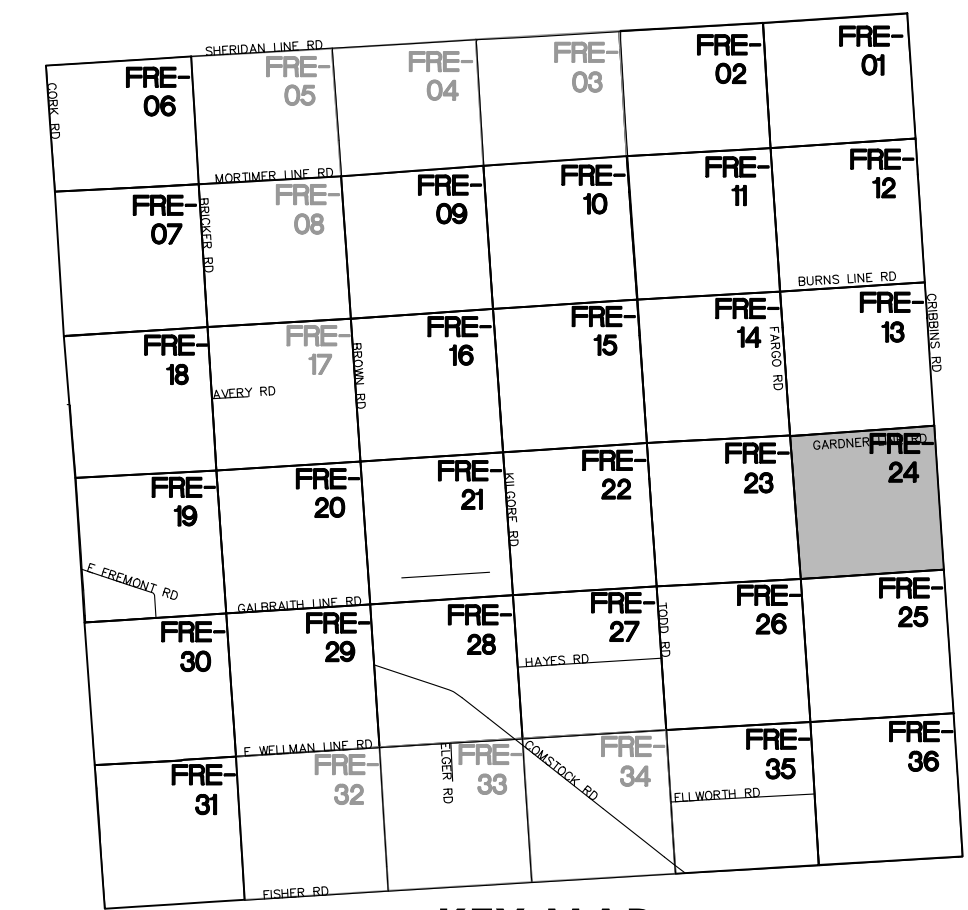
REVISIONS  
SCALE 0 150 300  
1" = 300 FEET  
DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. FRE-23

NOT FOR CONSTRUCTION

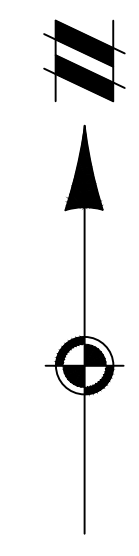
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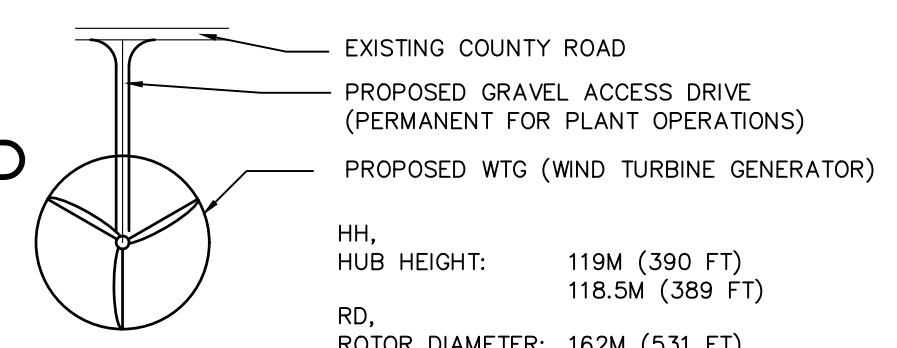
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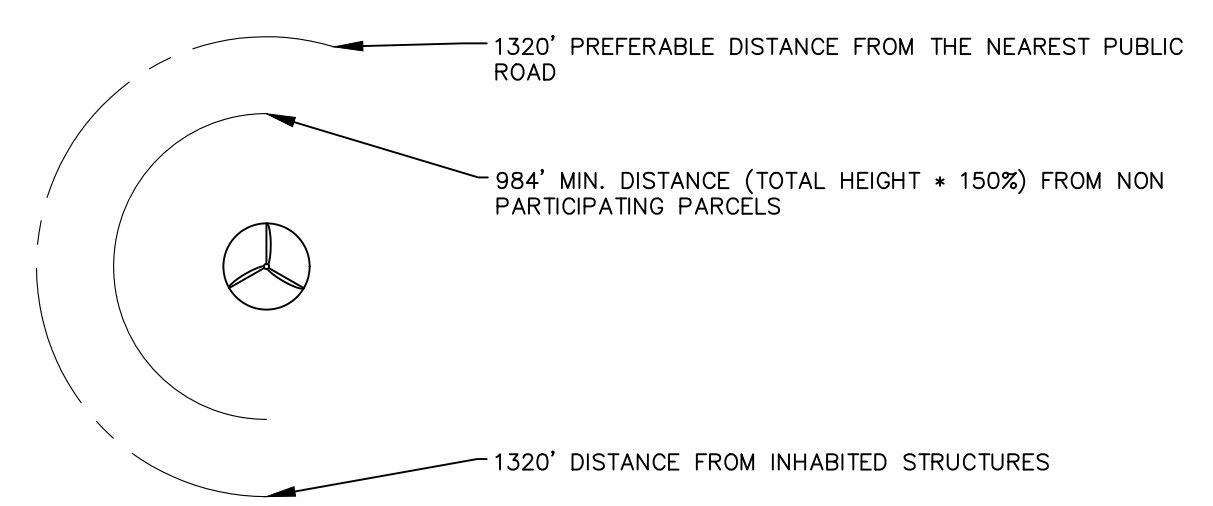
**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

**WTG ID**



**WTG SETBACKS**



**NOTES:**

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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (M I ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 24

DATE: AUG. 30, 2022

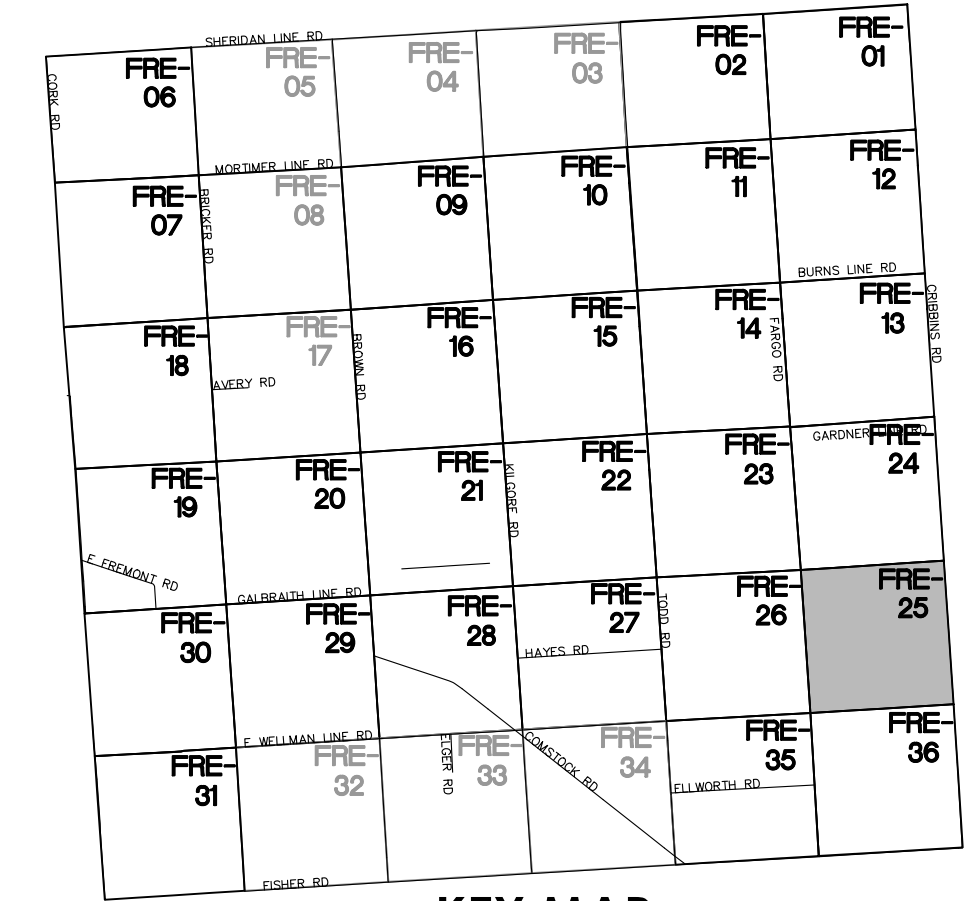
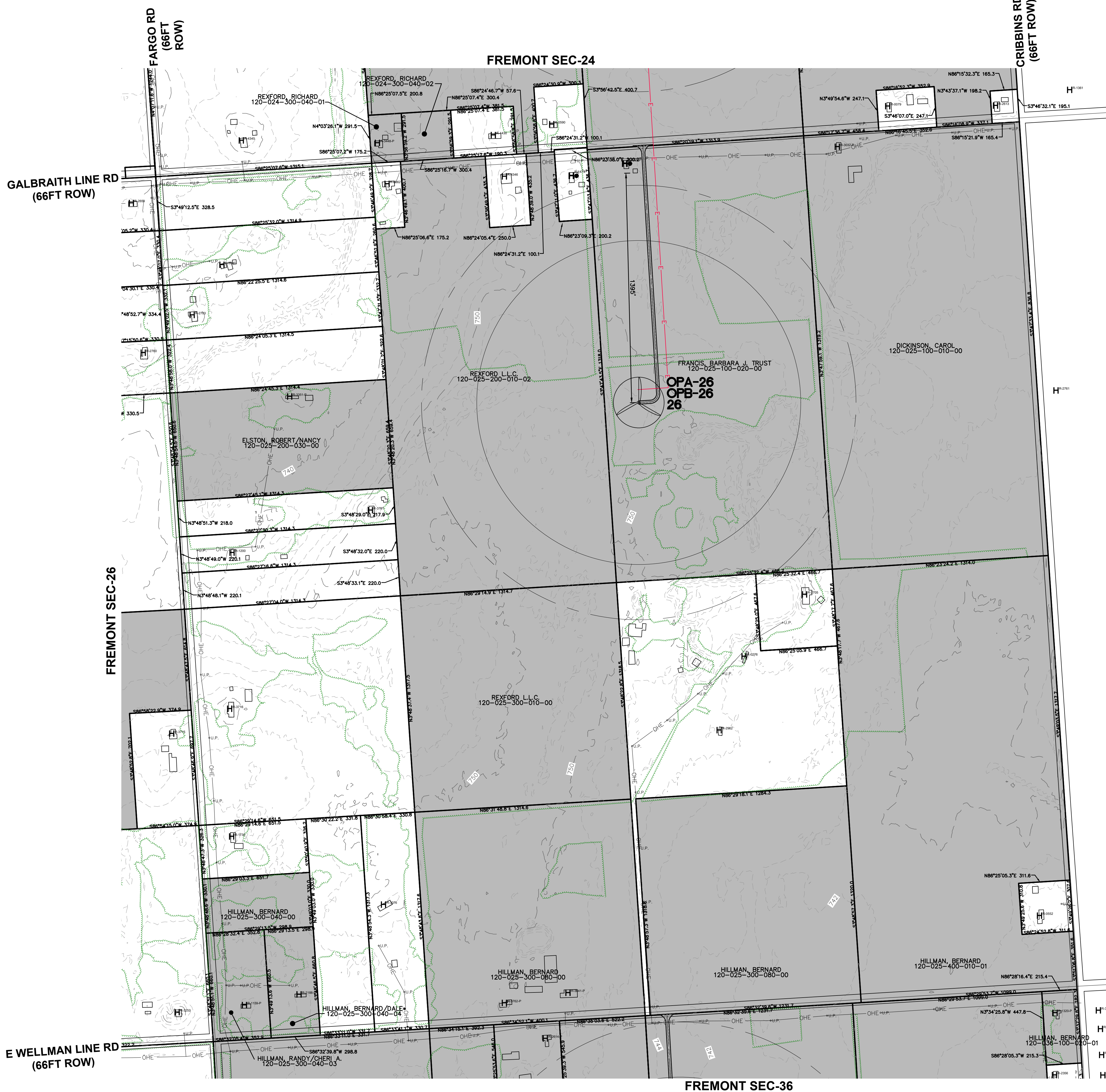
SCALE 0 150 300	
1" = 300 FEET	
DR. MB	CH. BS
P.M. JW	
BOOK ---	
JOB 21003645	
SHEET NO. FRE-24	

NOT FOR CONSTRUCTION

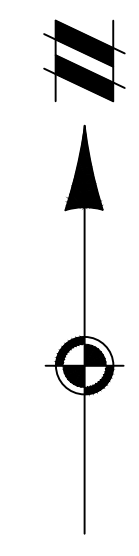
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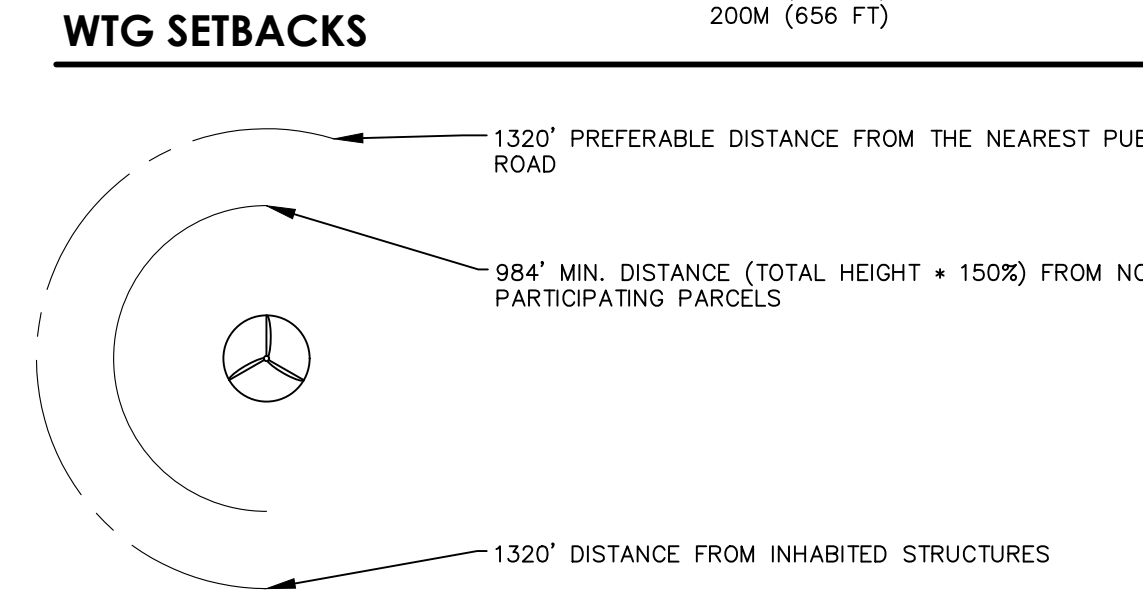
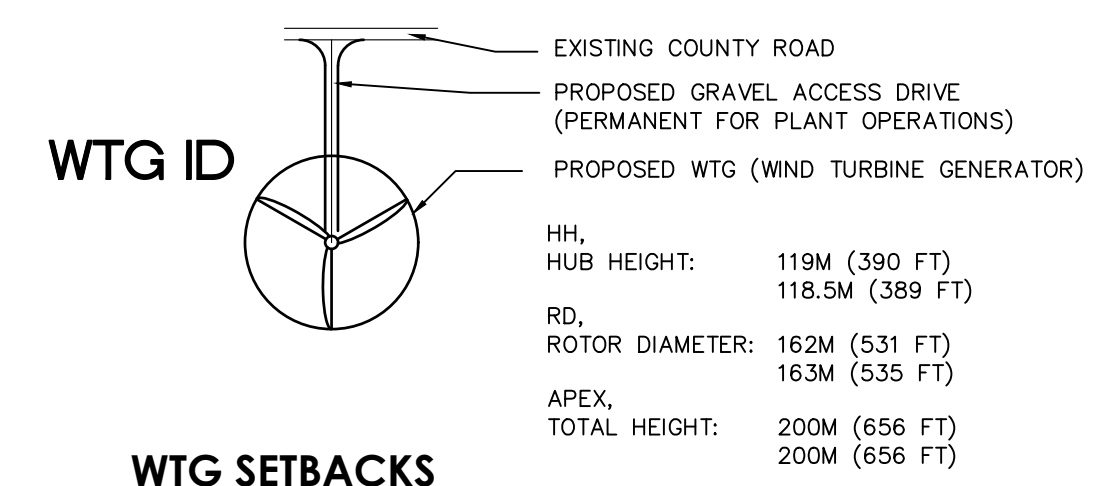
KEY MAP  
NO SCALE



WORTH TOWNSHIP

**LEGEND**

	EXISTING STRUCTURE
	EXISTING HABITABLE STRUCTURE
	EXISTING HABITABLE STRUCTURE (SURVEYED)
	EXISTING ROAD R.O.W.
	EXISTING RAILROAD
	EXISTING SECTION LINE
	EXISTING OVERHEAD ELECTRICAL
	EXISTING TRANSMISSION LINE
	EXISTING TREE LINE
	EXISTING PARCEL BOUNDARY
	RIVERBEND SIGNED PARCEL
	RIVERBEND PENDING PARCEL
	PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
	PROPOSED COLLECTION ALTERNATE
	PROPOSED ACCESS ROAD GRAVEL
	PROPOSED MET TOWER



- NOTES:**
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248.447.2000

SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
 RIVERBEND WIND PROJECT  
 SPECIAL LAND USE SITE PLANS  
 FREMONT TWP - SEC 25

DATE	AUG. 30, 2022
REVISIONS	

SCALE	0 150 300
	1" = 300 FEET
DR.	MB [CH] BS
P.M.	JW
BOOK	
JOB	21003645
SHEET NO.	FRE-25

NOT FOR CONSTRUCTION

S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\21003645-SP-02-CD-PLAN-9/27/2022 1:44 PM.MDL\DWG.DWG

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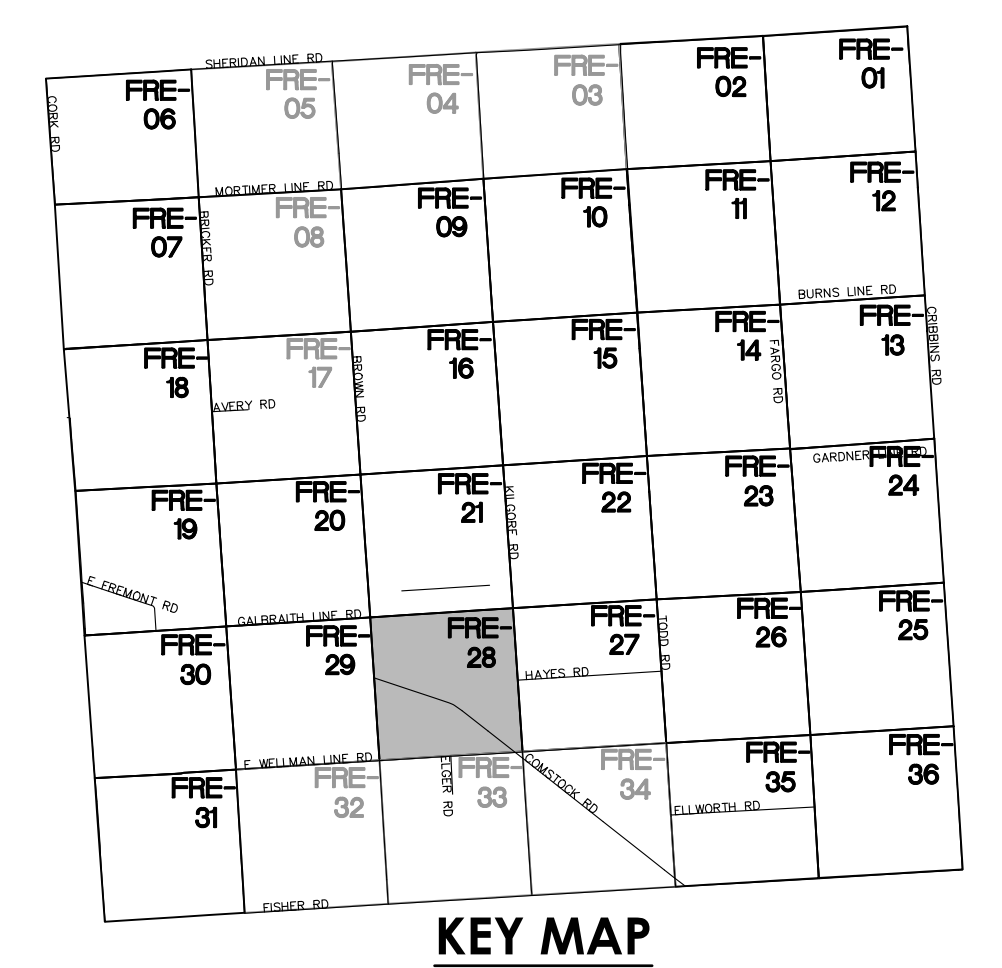
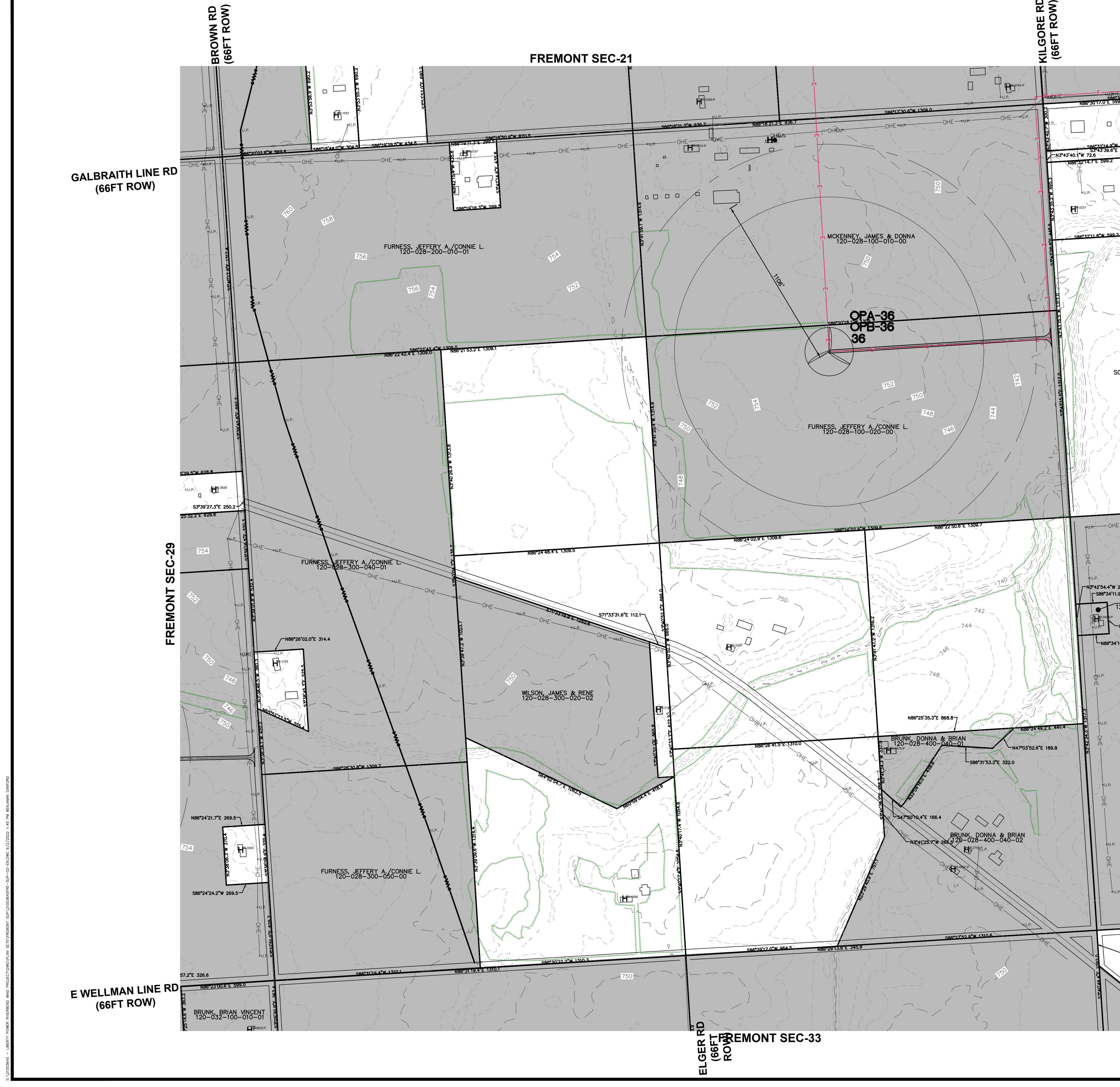












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248.447.2000

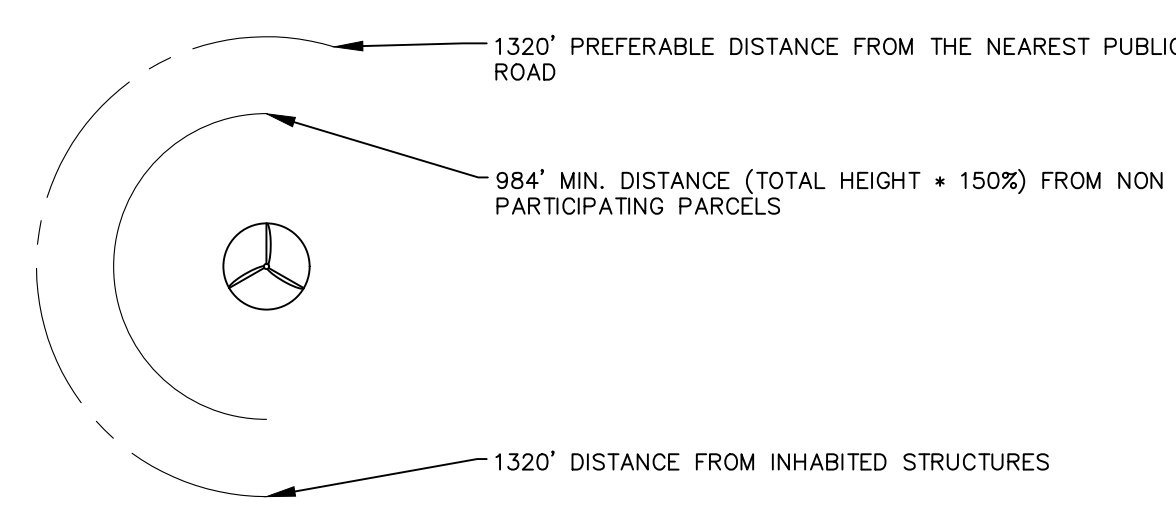
**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
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- EXISTING PARCEL BOUNDARY
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- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
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- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)

**WTG ID**

- HH, HUB HEIGHT: 119M (390 FT)  
118.5M (389 FT)
- RD, ROTOR DIAMETER: 162M (531 FT)  
163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT)  
200M (656 FT)

**WTG SETBACKS**



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SECTION: REFER TO SHEETS
TOWN 09 NORTH, RANGE 15 EAST
FREMONT TOWNSHIP
SANILAC COUNTY, MICHIGAN

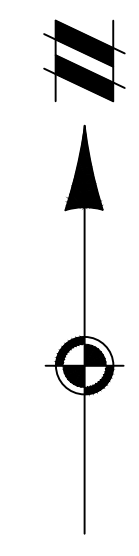
CLIENT	ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC
PROJECT	RIVERBEND WIND PROJECT
PLAN	SPECIAL LAND USE SITE PLANS
TWP	FREMONT TWP - SEC 28

DATE	AUG. 30, 2022
REVISIONS	
SCALE	0 150 300 1" = 300 FEET
DR.	MB   CH. BS
P.M.	JW
BOOK	---
JOB	21003645
SHEET NO.	FRE-28





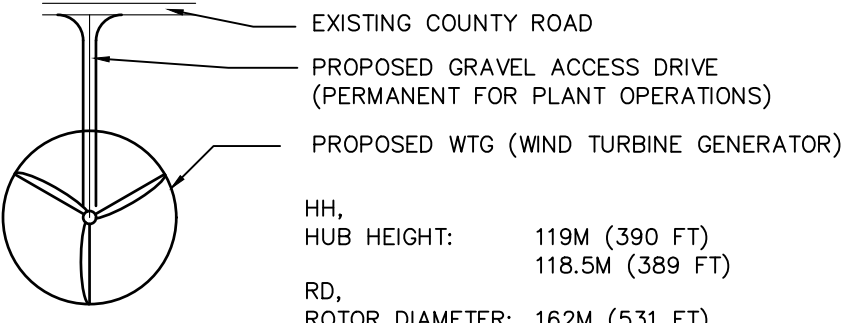
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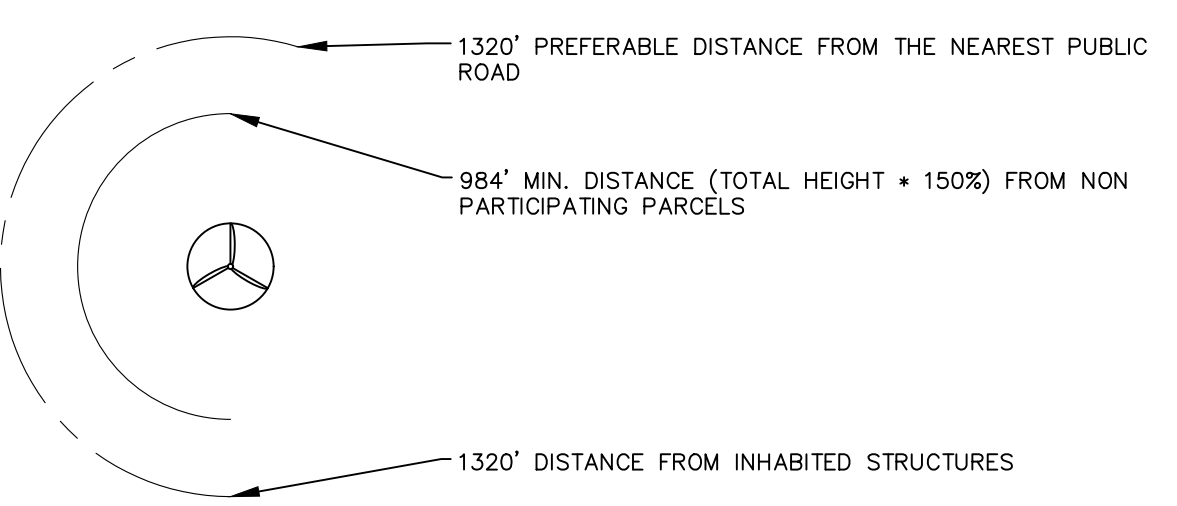
**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
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- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

**WTG ID**



**WTG SETBACKS**



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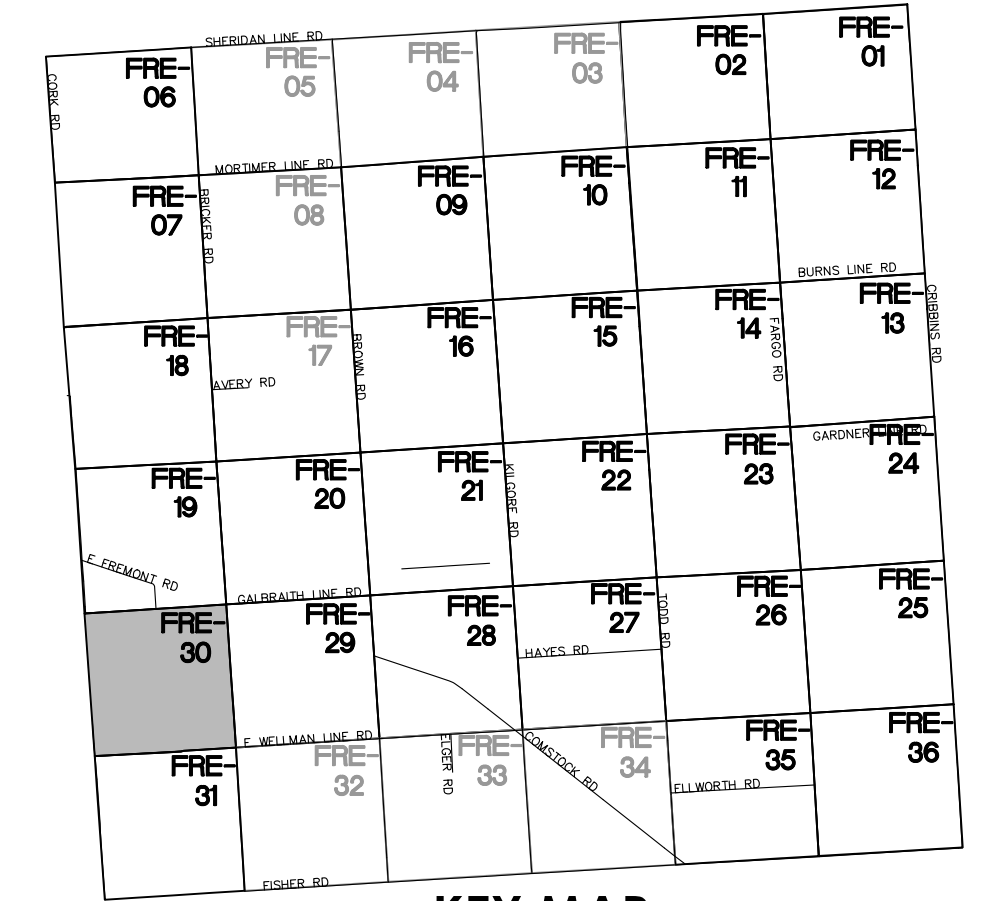
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TWO TOWNE SQUARE, SUITE 700  
SOUTHFIELD, MI 48076  
248.447.2000

SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

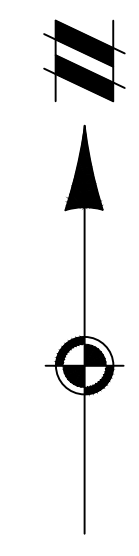
CLIENT	ALCONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 29

DATE	AUG. 30, 2022
REVISIONS	
SCALE	0 150 300 1" = 300 FEET
DR.	MB CH. BS
P.M.	JW
BOOK	
JOB	21003645
SHEET NO.	FRE-29





KEY MAP  
NO SCALE



**LEGEND**

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
- RIVERBEND SIGNED PARCEL
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- PROPOSED MET TOWER
- EXISTING COUNTY ROAD
- PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
- PROPOSED WTG (WIND TURBINE GENERATOR)

**WTG ID**

- HH, HUB HEIGHT: 119M (390 FT), 118.5M (389 FT)
- RD, ROTOR DIAMETER: 162M (531 FT), 163M (535 FT)
- APEX, TOTAL HEIGHT: 200M (656 FT), 200M (656 FT)

**WTG SETBACKS**

- 1320' PREFERABLE DISTANCE FROM THE NEAREST PUBLIC ROAD
- 984' MIN. DISTANCE (TOTAL HEIGHT \* 150%) FROM NON PARTICIPATING PARCELS
- 1320' DISTANCE FROM INHABITED STRUCTURES

- NOTES:**
- ELECTRICAL COLLECTION LINES AND ACCESS ROADS SHOWN ARE APPROXIMATE AND SUBJECT TO CHANGE PER FINAL DESIGN AND LANDOWNER FEEDBACK.
  - ONLY ONE ACCESS ROAD WILL BE CONSTRUCTED AT EACH TURBINE.
  - A BOUNDARY SURVEY WAS CONDUCTED AT ALL INSTANCES WHERE A NON-PARTICIPATING PARCEL WAS WITHIN 50' OF THE REQUIRED SETBACK TO ENSURE COMPLIANCE.
  - O&M FACILITY, SUBSTATION, SWITCHING STATION & LAYDOWN YARDS ARE REPRESENTATIVE LOCATIONS. DIMENSIONS AND LAYOUT WILL BE DETERMINED DURING FINAL DESIGN.

**811**  
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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SAILLAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (M/ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 30

DATE: AUG. 30, 2022

REVISIONS

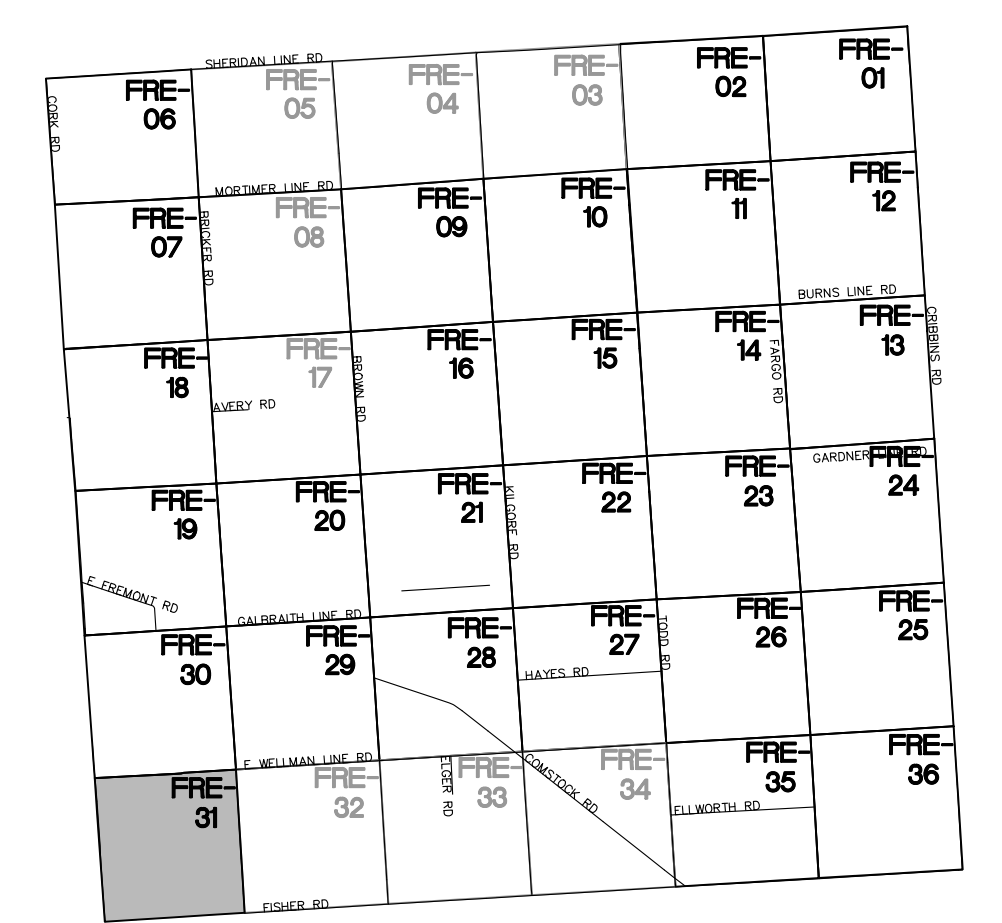
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1" = 300 FEET

DR. MB | CH. BS  
P.M. JW  
BOOK: ---  
JOB: 21003645  
SHEET NO. FRE-30

NOT FOR CONSTRUCTION



S:\21003645 - LIBERTY POWER RIVERBEND AND PROJECT DEVELOPMENT SUP\21003645-SP-02-CDRAW 9/27/2022 1:46 PM BILMANN.DWG



KEY MAP  
NO SCALE

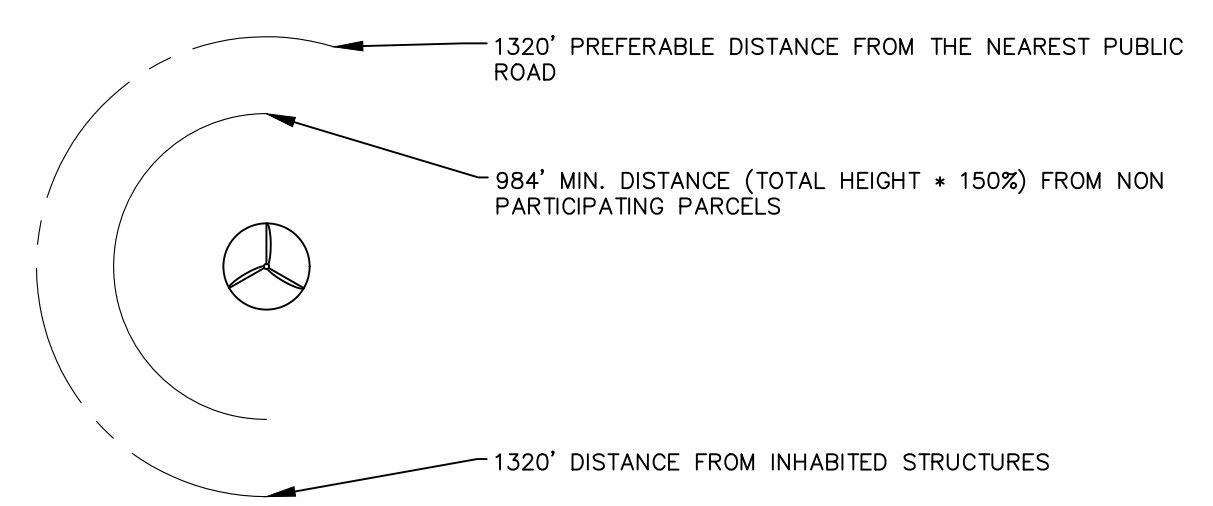
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
- RIVERBEND SIGNED PARCEL
- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID

- EXISTING COUNTY ROAD
  - PROPOSED GRAVEL ACCESS DRIVE (PERMANENT FOR PLANT OPERATIONS)
  - PROPOSED WTG (WIND TURBINE GENERATOR)
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 118.5M (389 FT)  
 RD, ROTOR DIAMETER: 162M (531 FT)  
 163M (535 FT)  
 APEX, TOTAL HEIGHT: 200M (656 FT)  
 200M (656 FT)

WTG SETBACKS



NOTES:

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SECTION: REFER TO SHEETS	TOWN 09 NORTH, RANGE 15 EAST
	FREMONT TOWNSHIP
	SANILAC COUNTY, MICHIGAN

CLIENT	ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC
	RIVERBEND WIND PROJECT
	SPECIAL LAND USE SITE PLANS
	FREMONT TWP - SEC 31

DATE	AUG. 30, 2022
------	---------------

REVISIONS

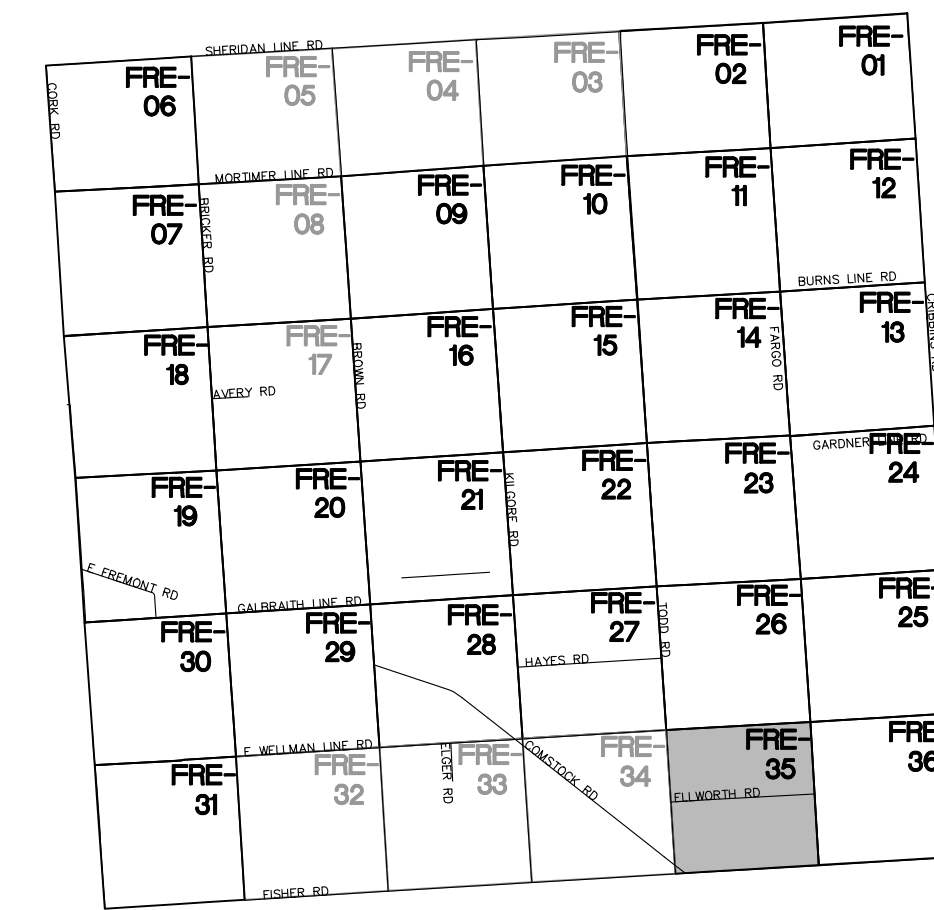
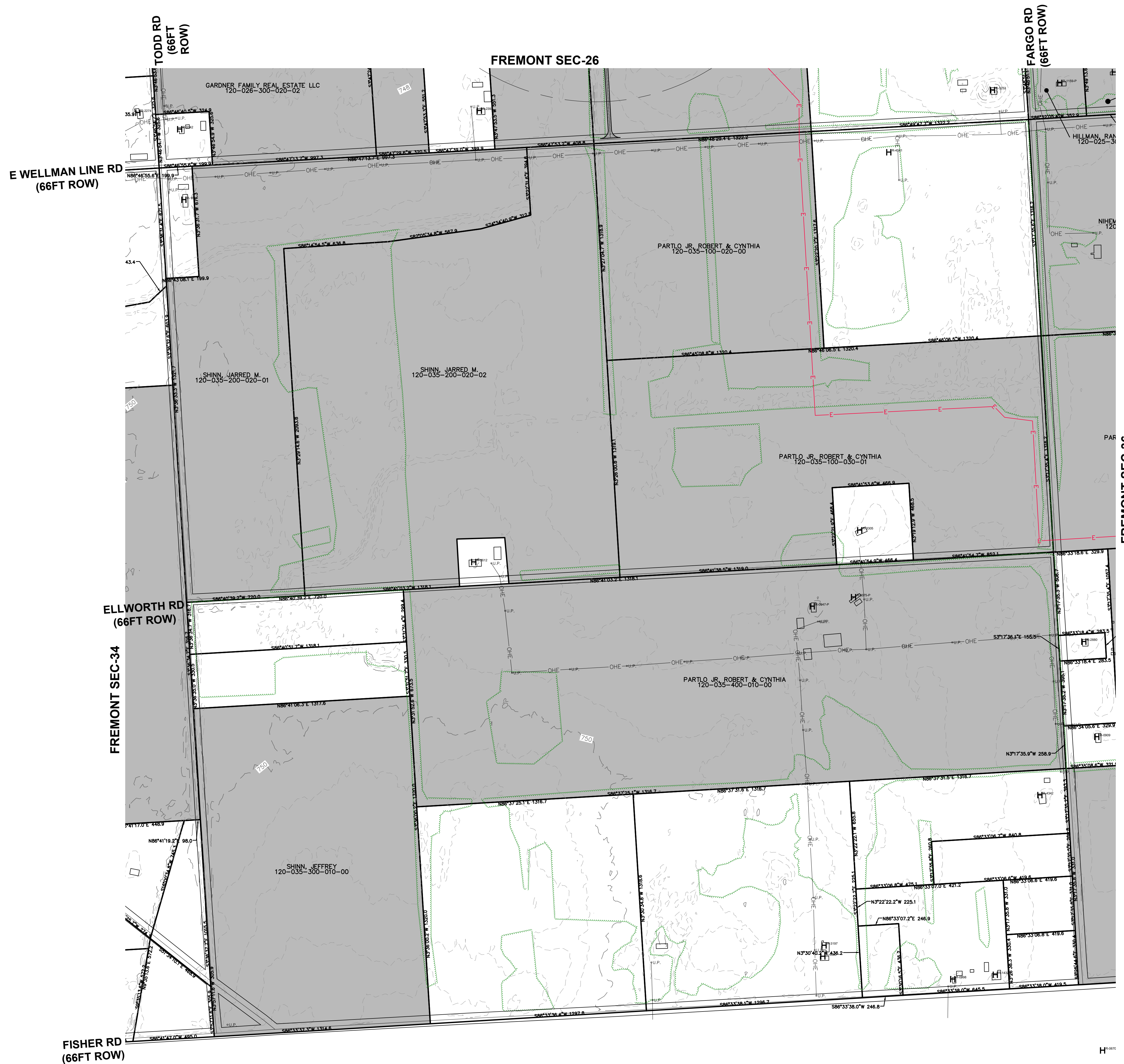
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	1" = 300 FEET		
DR.	MB	CH.	BS
P.M.	JW		
BOOK	---		
JOB	21003645		
SHEET NO.	FRE-31		

GREENWOOD TOWNSHIP

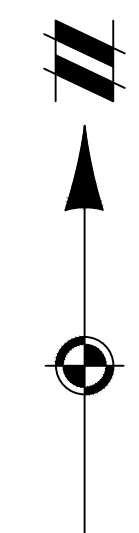
NOT FOR CONSTRUCTION

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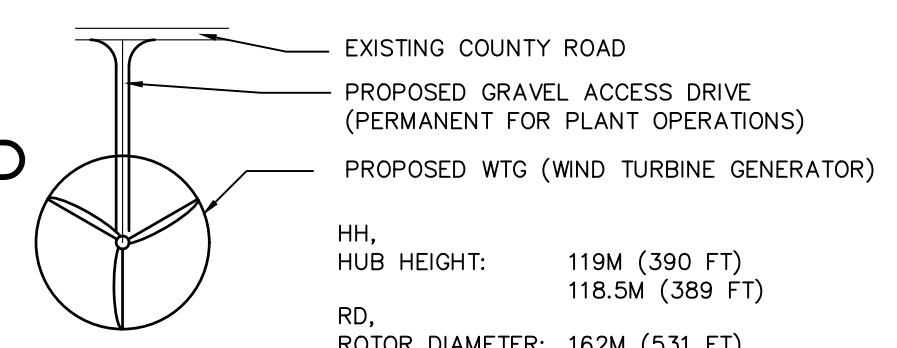
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NO SCALE



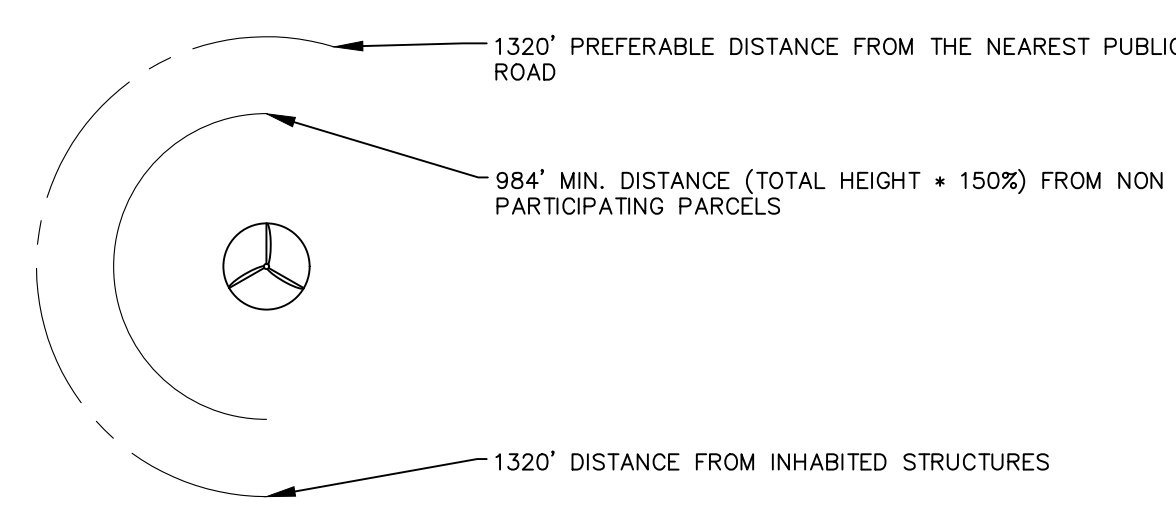
LEGEND

- EXISTING STRUCTURE
- EXISTING HABITABLE STRUCTURE
- EXISTING HABITABLE STRUCTURE (SURVEYED)
- EXISTING ROAD R.O.W.
- EXISTING RAILROAD
- EXISTING SECTION LINE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING TRANSMISSION LINE
- EXISTING TREE LINE
- EXISTING PARCEL BOUNDARY
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- RIVERBEND PENDING PARCEL
- PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
- PROPOSED COLLECTION ALTERNATE
- PROPOSED ACCESS ROAD GRAVEL
- PROPOSED MET TOWER

WTG ID



WTG SETBACKS



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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
FREMONT TOWNSHIP  
SAILLAC COUNTY, MICHIGAN

CLIENT: ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 35

DATE: AUG. 30, 2022

NO.	DATE	DESCRIPTION

SCALE: 0 150 300  
1" = 300 FEET

DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. FRE-35

NOT FOR CONSTRUCTION

S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\SETUP\21003645PRE-SUP-02-CAD.DWG, 9/27/2022, 1:47 PM, BILLYJAN, DWG

CAD FILE: S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\SETUP\21003645PRE-SUP-02-DWG





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FREMONT TOWNSHIP  
SANILAC COUNTY, MICHIGAN

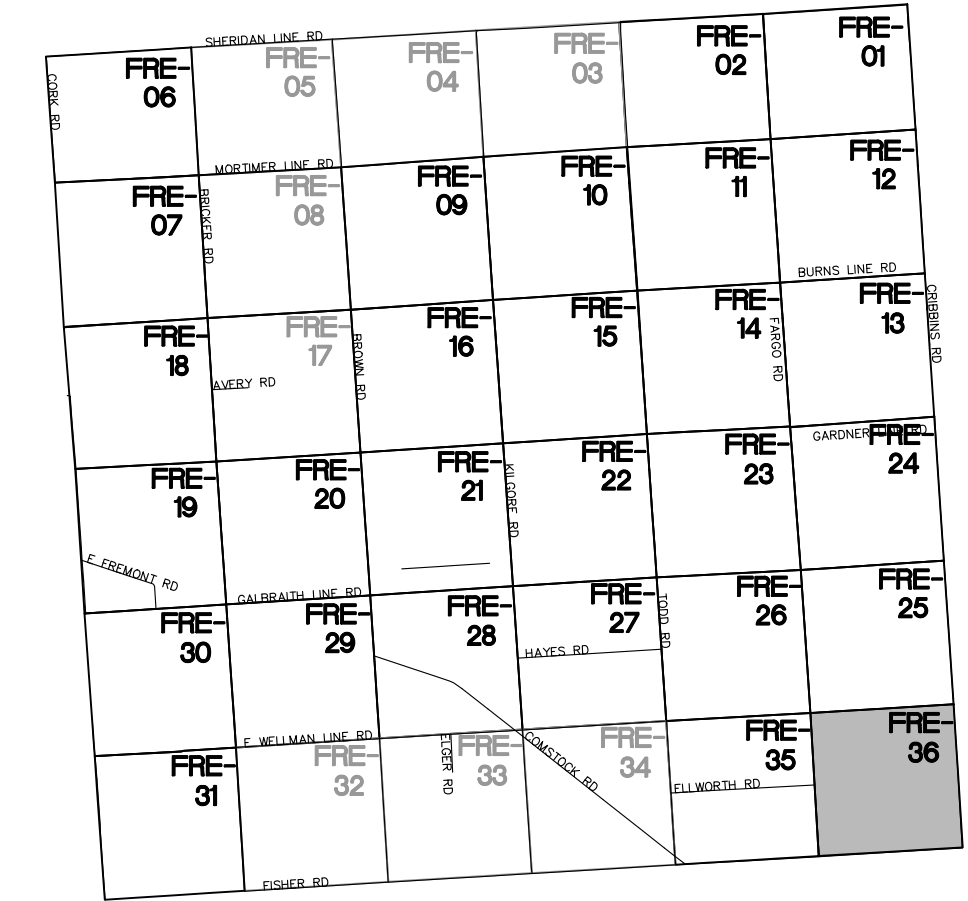
CLIENT: ALCONQUIN POWER (M ENERGY DEVELOPMENTS) LLC  
PROJECT: RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
FREMONT TWP - SEC 36

DATE: AUG. 30, 2022

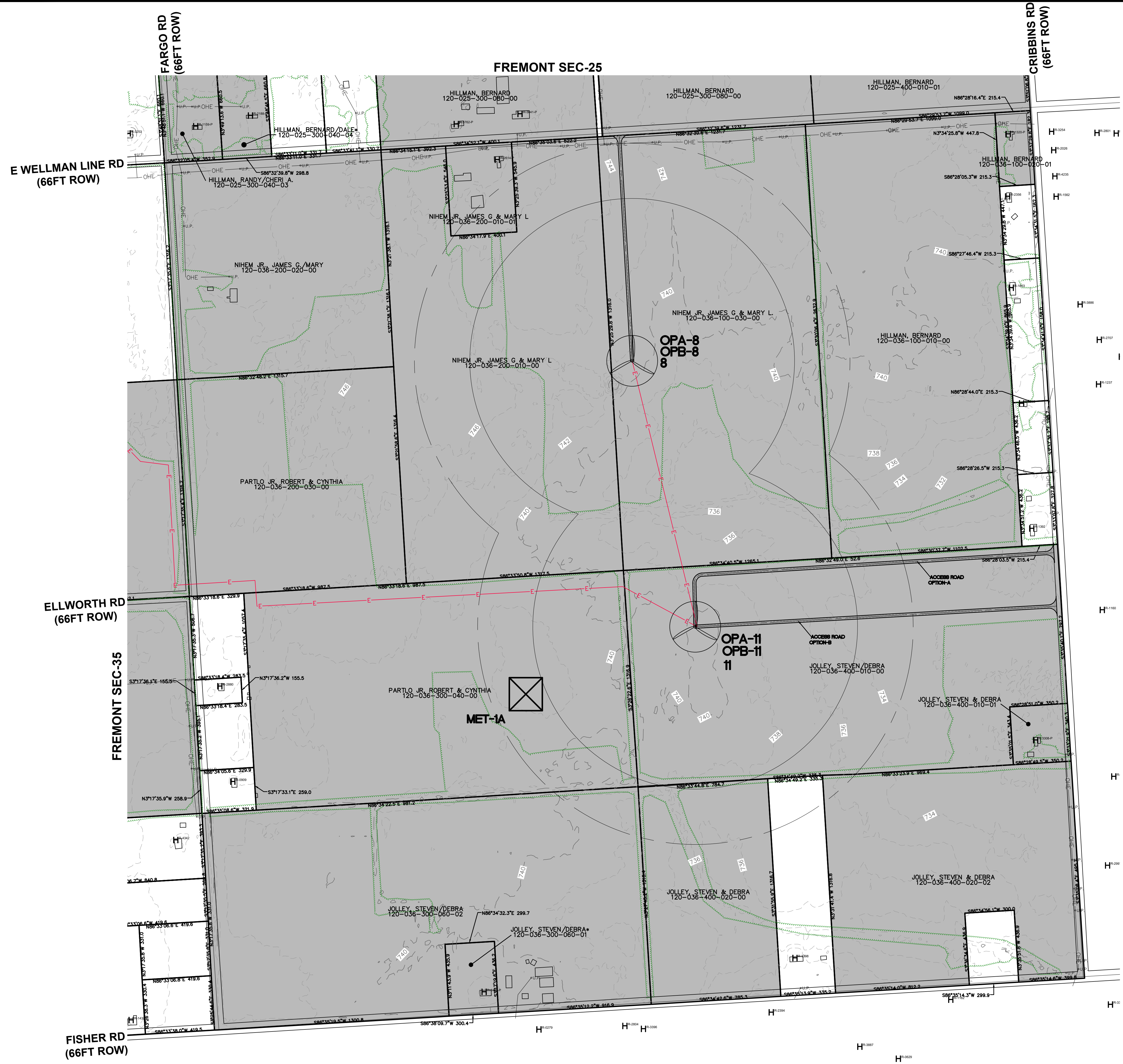
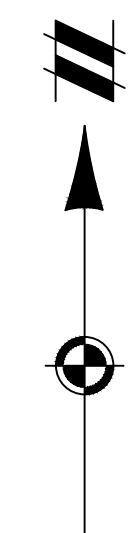
NO.	DATE	REVISIONS

SCALE: 0 150 300  
1" = 300 FEET

DR. MB | CH. BS  
P.M. JW  
BOOK ---  
JOB 21003645  
SHEET NO. **FRE-36**

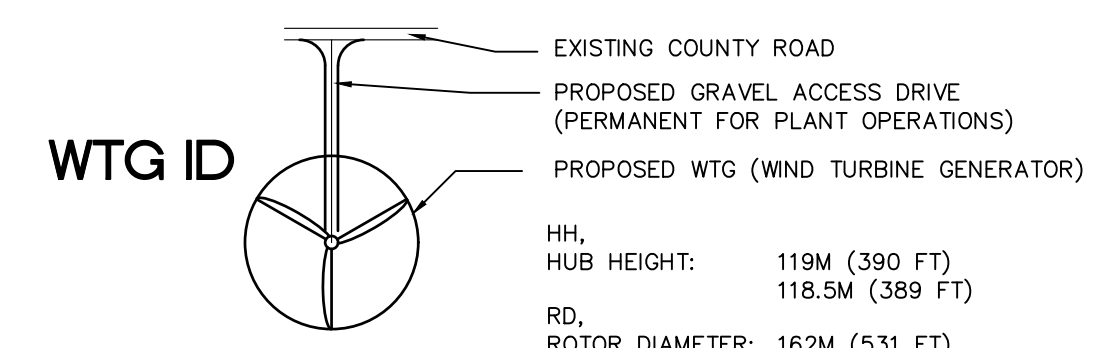


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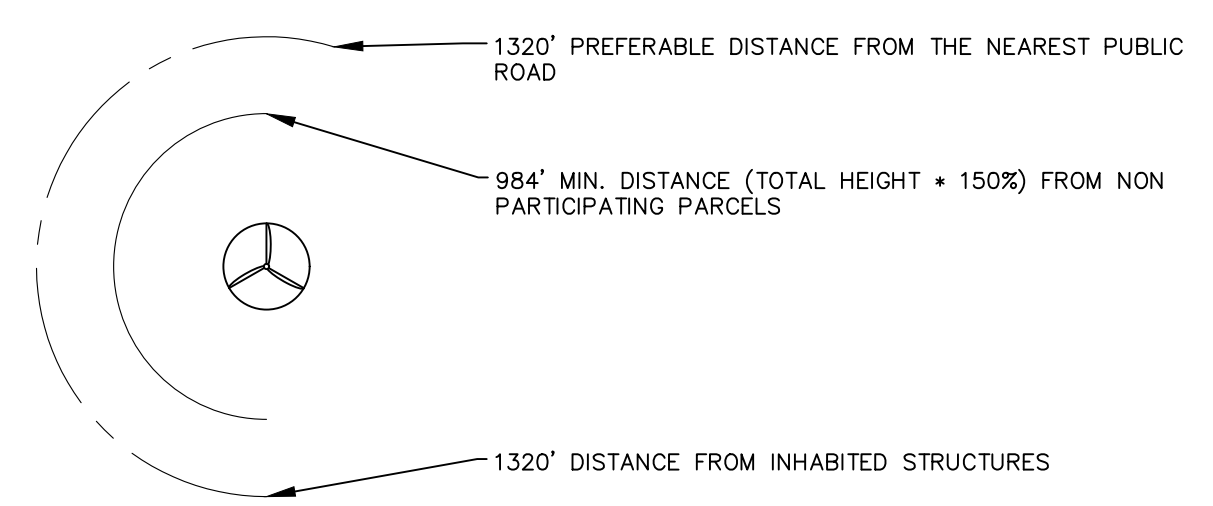
**LEGEND**

	EXISTING STRUCTURE
	EXISTING HABITABLE STRUCTURE
	EXISTING HABITABLE STRUCTURE (SURVEYED)
	EXISTING ROAD R.O.W.
	EXISTING RAILROAD
	EXISTING SECTION LINE
	EXISTING OVERHEAD ELECTRICAL
	EXISTING TRANSMISSION LINE
	EXISTING TREE LINE
	EXISTING PARCEL BOUNDARY
	RIVERBEND SIGNED PARCEL
	RIVERBEND PENDING PARCEL
	PROPOSED COLLECTION LINE ROUTE (TO BE BURIED NO LESS THAN 5FT)
	PROPOSED COLLECTION ALTERNATE
	PROPOSED ACCESS ROAD GRAVEL
	PROPOSED MET TOWER



**WTG SETBACKS**

HH, HUB HEIGHT:	119M (390 FT)
RD, ROTOR DIAMETER:	118.5M (389 FT)
RD, ROTOR DIAMETER:	162M (531 FT)
RD, ROTOR DIAMETER:	163M (535 FT)
APEX, TOTAL HEIGHT:	200M (656 FT)
APEX, TOTAL HEIGHT:	200M (656 FT)



- NOTES:**
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GREENWOOD TOWNSHIP

NOT FOR CONSTRUCTION

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CAD FILE: S:\21003645 - LIBERTY POWER RIVERBEND WIND PROJECT\DWG\PLAN SET\PRELIM\PRELIM SUP\21003645PRE-SUP-02-PLAN-9/27/2022 1:47 PM.DWG





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SECTION: REFER TO SHEETS  
TOWN 09 NORTH, RANGE 15 EAST  
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SANILAC COUNTY, MICHIGAN

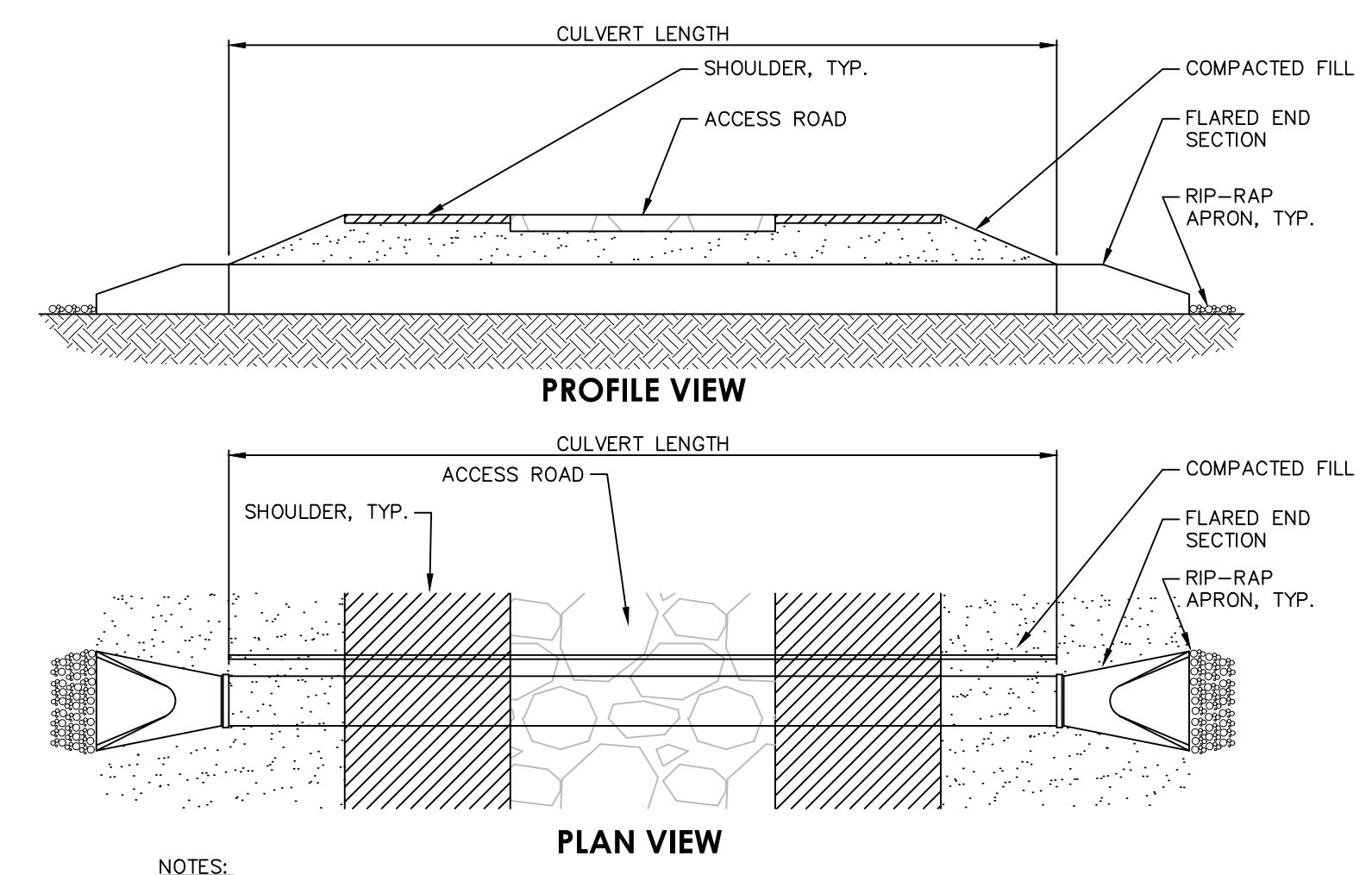
CLIENT: ALGONQUIN POWER (MI ENERGY DEVELOPMENTS) LLC  
RIVERBEND WIND PROJECT  
SPECIAL LAND USE SITE PLANS  
STANDARD DETAILS

DATE: AUG. 30, 2022

Table with columns: DR, MB, CH, BS, BOOK, JOB, SHEET NO., FRE-DET

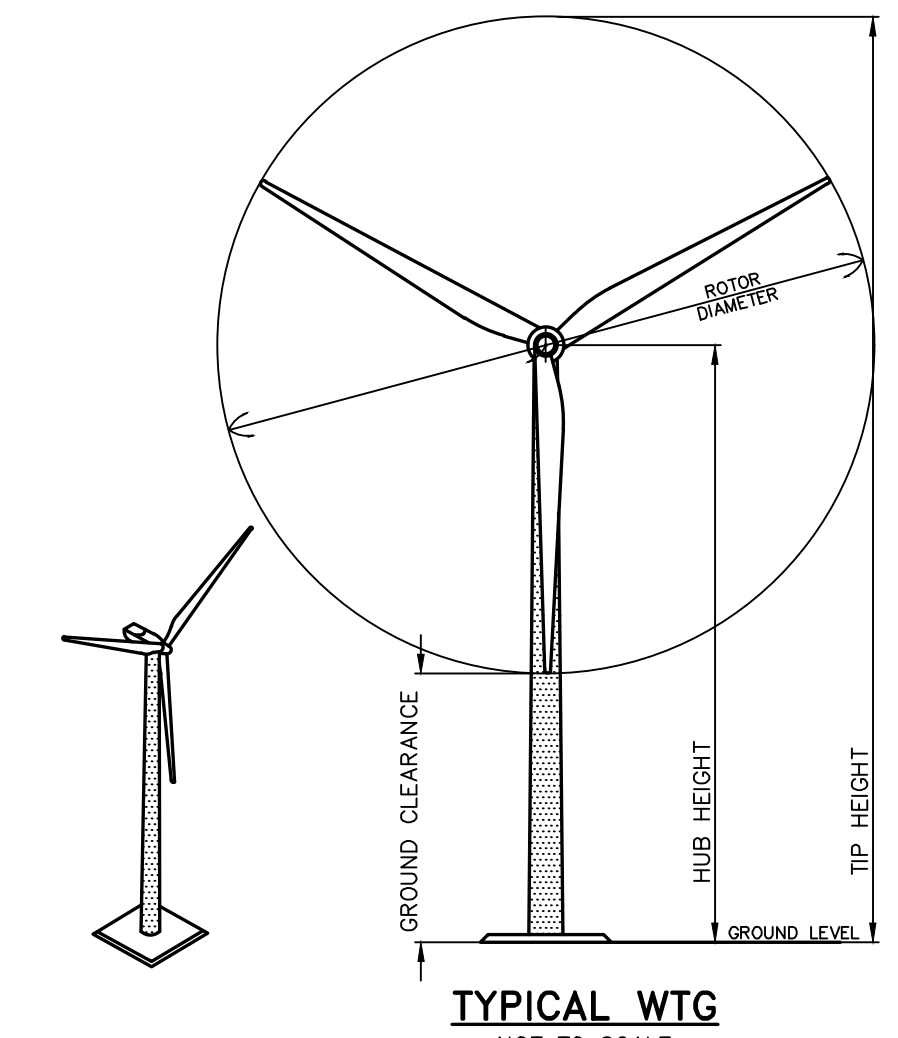
CONSTRUCTION NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES...



- NOTES: 1. CULVERT DIMENSIONS AND BURIAL DEPTHS VARY. 2. CULVERTS UNDER SANILAC COUNTY JURISDICTION LARGER THAN 36" DIAMETER SHALL BE PROTECTED WITH RIP-RAP...

PRELIMINARY CULVERT DETAIL NOT TO SCALE

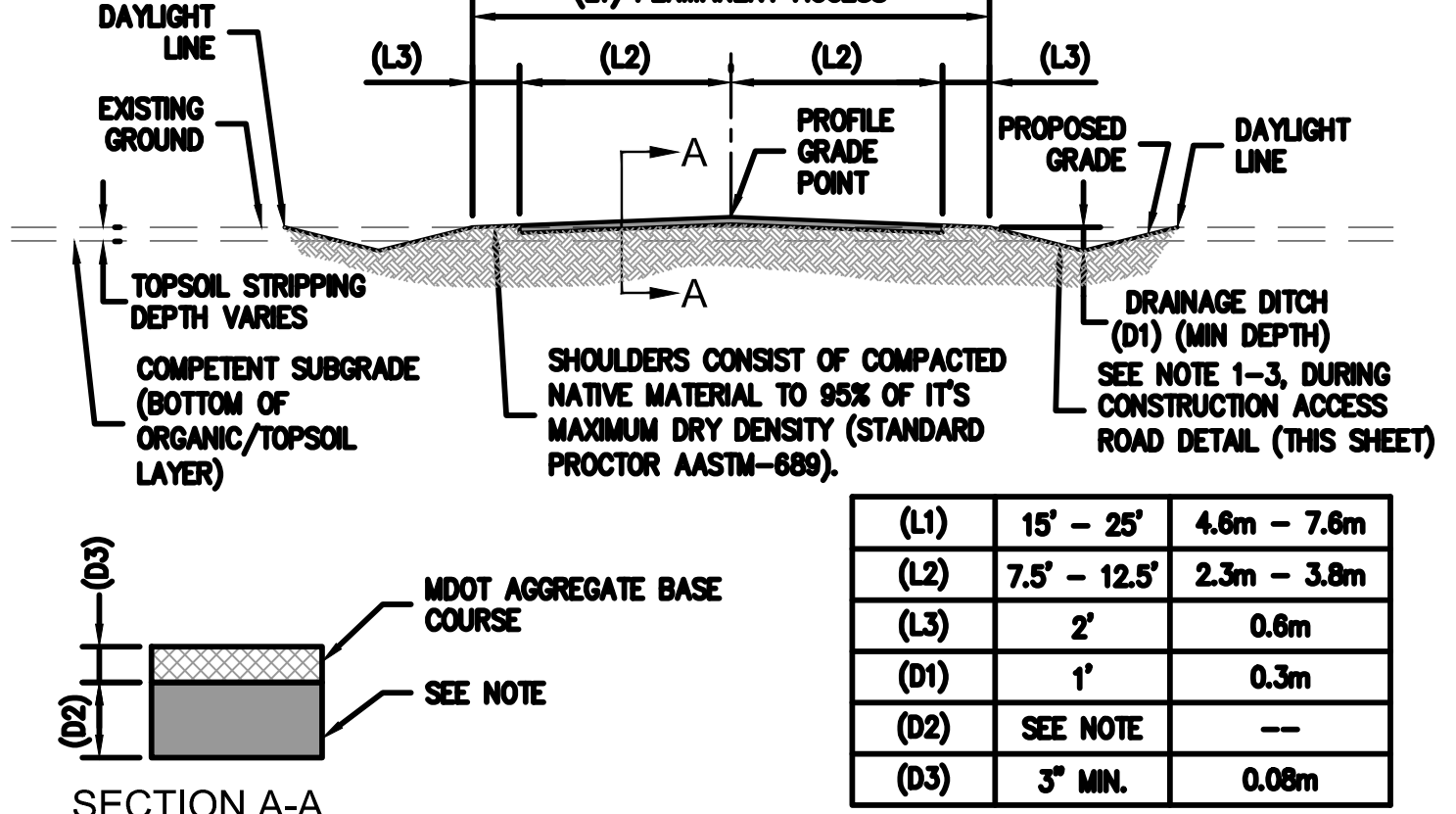


TYPICAL WTG NOT TO SCALE

Table with columns: Hub Height (m), Hub Height (ft), Rotor Diameter (m), Rotor Diameter (ft), Tip Height (m), Tip Height (ft), Ground Clearance (m), Ground Clearance (ft)

ROAD CONSTRUCTION TYPICAL WORKFLOW:

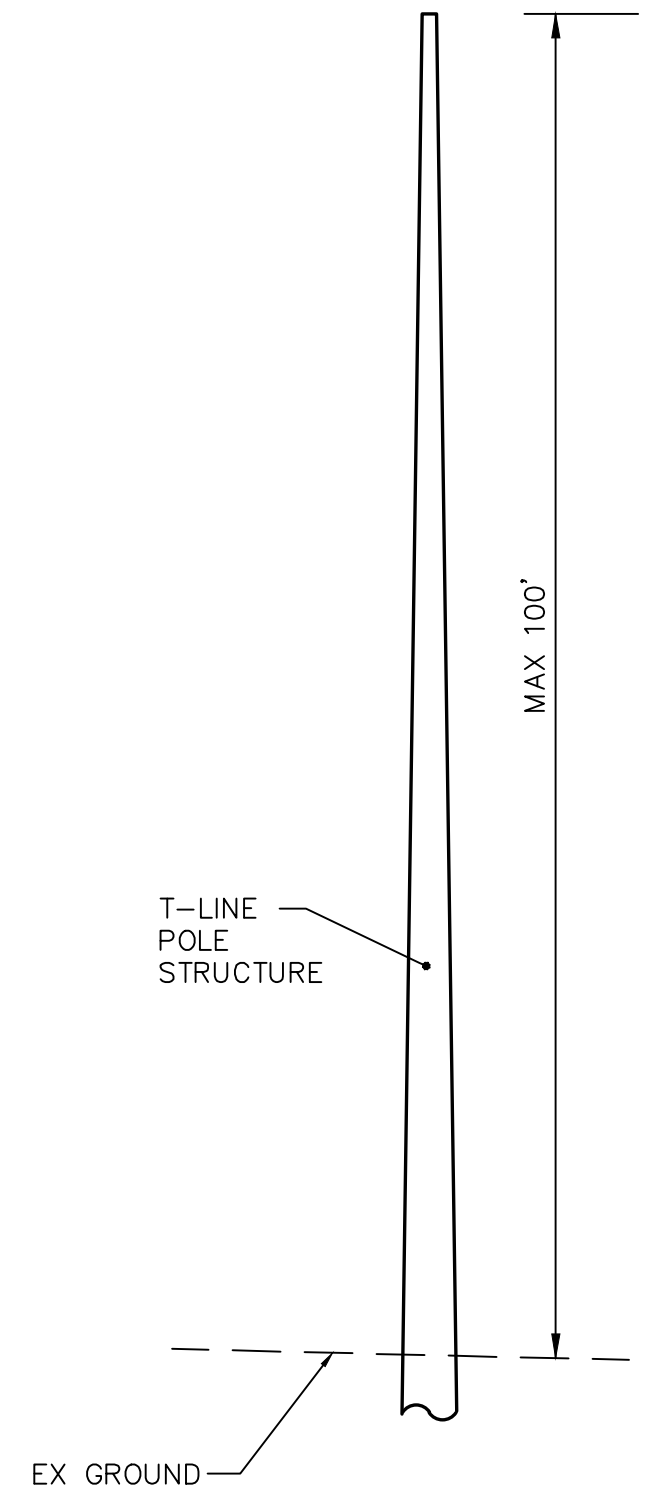
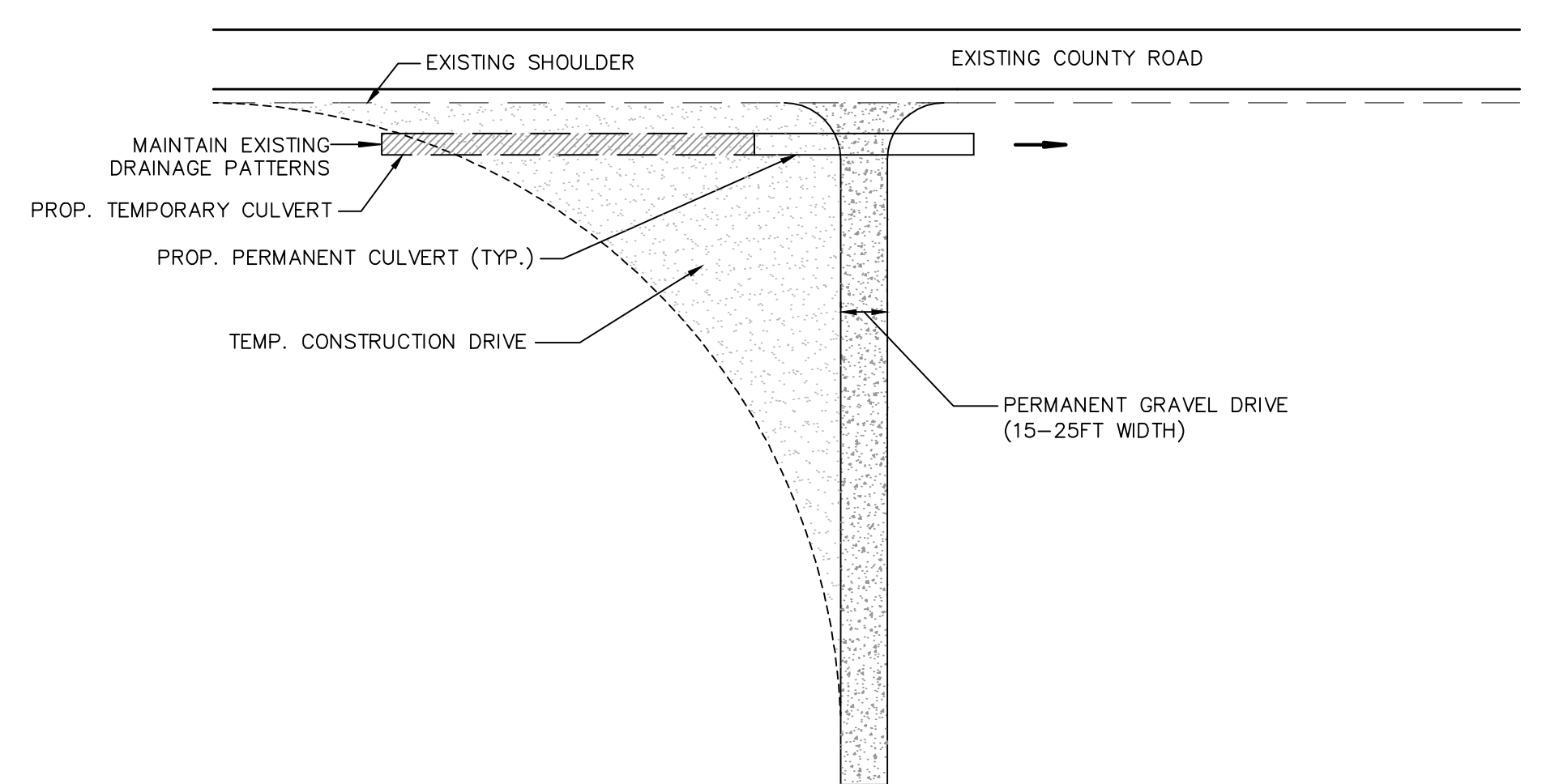
- STAKE CENTERLINE AND CLEARING LIMITS. • REMOVE AND STOCKPILE EXISTING VEGETATION AND TOPSOIL. • FORM UNIFORM SUBGRADE FOR WIDTH OF ROAD, SHOULDERS AND SWALES...



ACCESS ROAD WITHOUT CRANE WALK NOT TO SCALE

NOTE: SOIL STABILIZATION SPECIFICATIONS TO BE DETERMINED BY GEO-TECHNICAL ENGINEER.

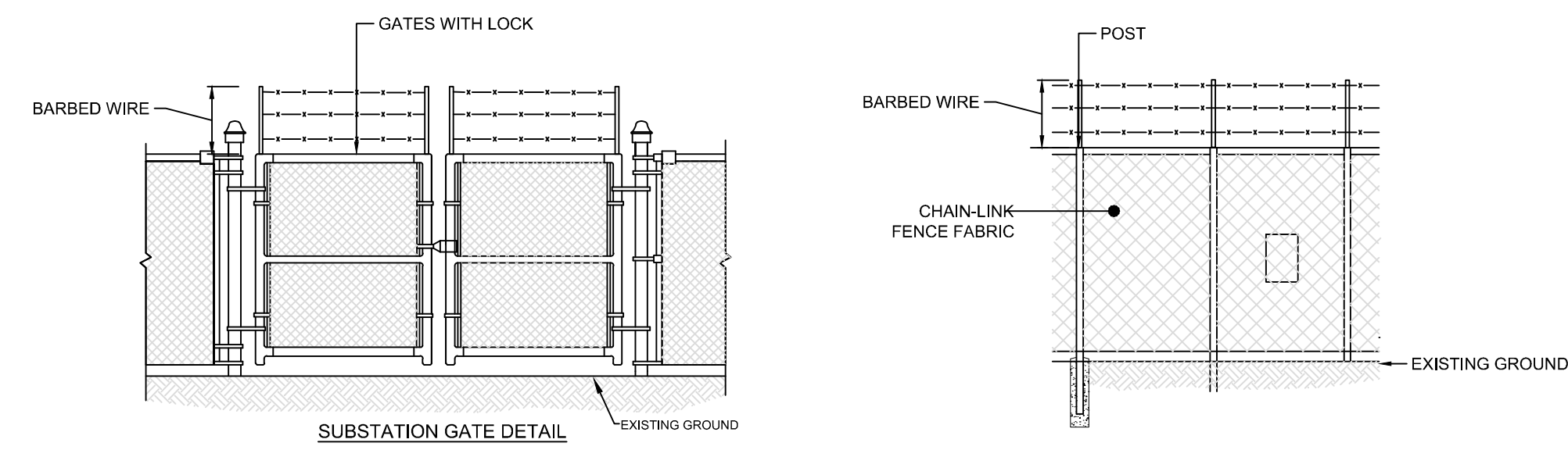
PRELIMINARY ACCESS ROAD DETAIL NOT TO SCALE



CONCEPTUAL T-LINE POLE DETAIL NO SCALE

T-LINE NOTES:

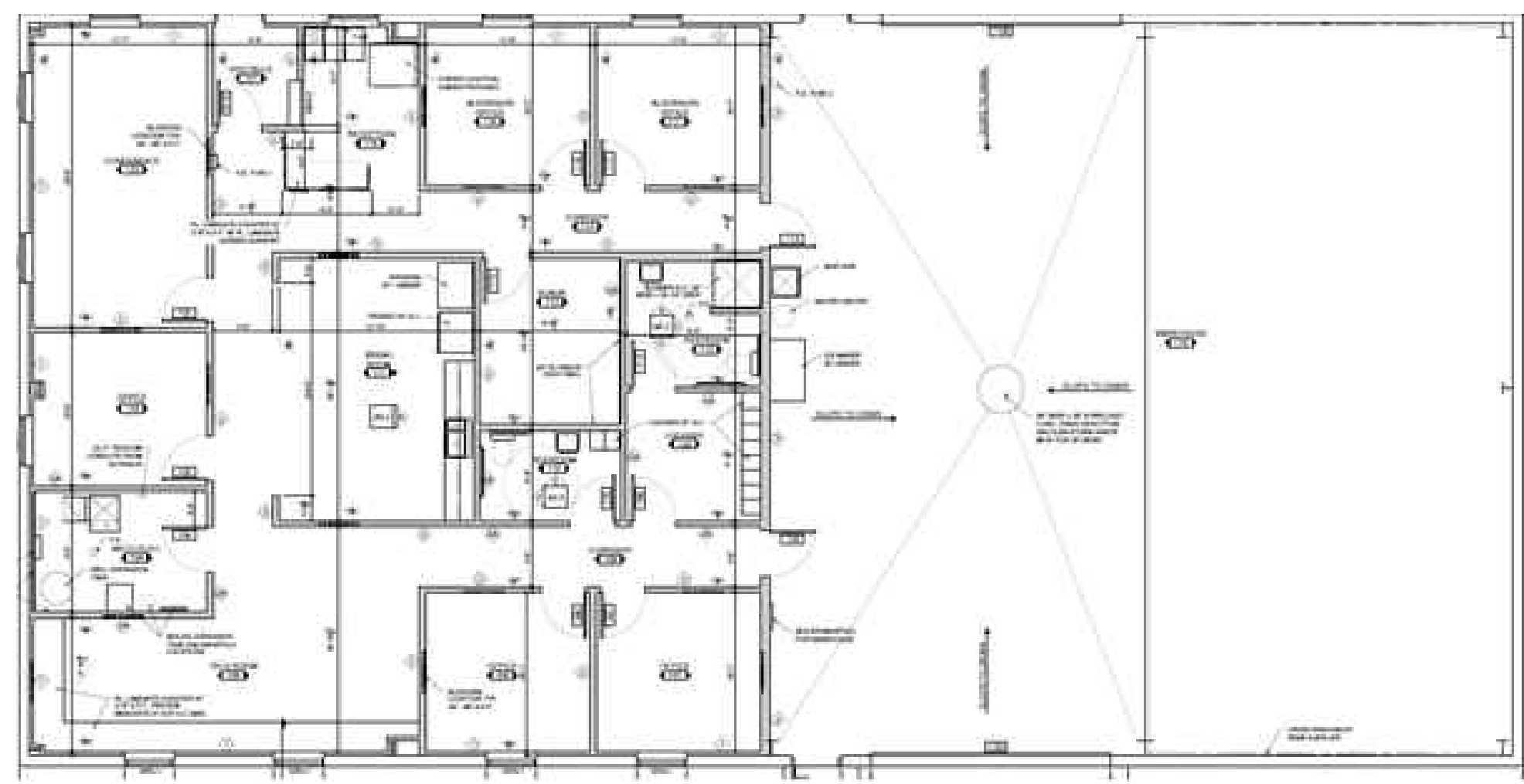
- 1. STRUCTURE DESIGN (MATERIALS, POST SIZE, EMBEDMENT DEPTH, SPACING, ETC.) TO BE DETERMINED DURING THE ENGINEERING PHASE.



PRELIMINARY SUBSTATION FENCE DETAIL NO SCALE

GENERAL FENCE NOTES:

- 1. FENCE INSTALLATION, DIMENSIONS AND MATERIALS WILL BE DETERMINED PER FINAL SUBSTATION DESIGN & LAYOUT.



CONCEPTUAL O&M FACILITY LAYOUT NOT TO SCALE

GENERAL O&M FACILITY NOTES: 1. O&M BUILDING TO BE UP TO 6'000 SF. ADDITIONAL DETAILS TO BE PROVIDED UPON FINAL DESIGN.