Appendix B

Civil Permitting Plans and Detailed Site Plan

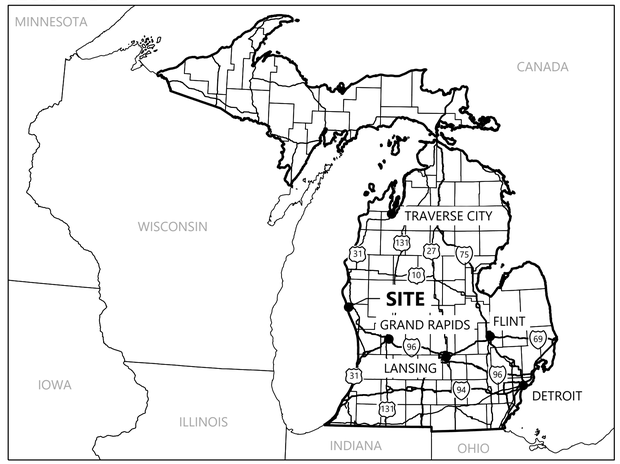
Know what's below. Call before you dig.

Lakeside Solar Project

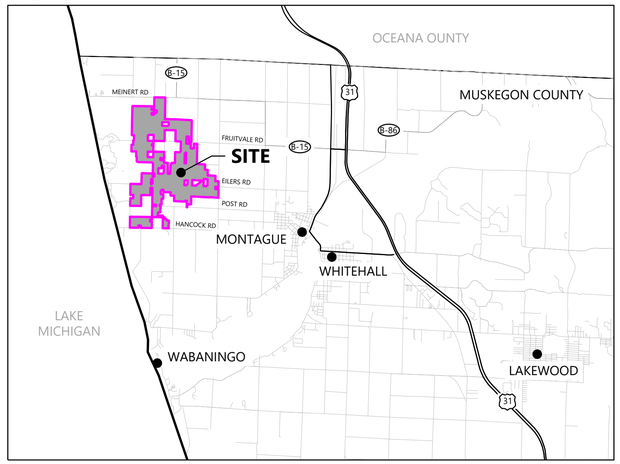
Muskegon Co., Michigan

Civil Permitting Plans

REGIONAL MAP



VICINITY MAP



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BASE FILE	**FILE NAME / NOTES**	**PROVIDER**	**DATE**
AERIAL IMAGE	20250317_MI_NAIP_DL.jp2	NAIP	3/17/2025
LAND CONTROL/PLANIMETRICS	Lakeside_boundary_05092025.kmz	Geronimo Power	5/16/2025
TOPOGRAPHY	0026904.00 Lakeside Solar 1ft Contours.221104.xml USGS_LPC_MI_16Counties_2016_MKP_dot20_2.txt	Westwood National Map	11/4/2022 02/20/2025
ELECTRICAL COLLECTION DESIGN	0026904E-WIRE.dwg	Westwood	6/13/2025
GEN-TIE	0026904E-WIRE.dwg	Westwood	6/13/2025
STREAMS/WETLANDS	Lakeside_Streams_20241203.shp, Lakeside_Wetlands_20241203.shp Guter_Degen Wetland.kmz	Geronimo Power Geronimo Power	9/1/2020 05/16/2025
FEMA INFO	2020-10-07 Trimmed Fema.shp	FEMA.gov	7/1/2020

CONTACT INFORMATION			
PROJECT ROLE	CONTACT NAME	COMPANY	PHONE
OWNER/DEVELOPER	AMBER MILLER	GERONIMO POWER	331-215-3406
PROJECT MANAGER	LUKE SPENCER	WESTWOOD	608-821-6600
CIVIL LEAD ENGINEER	BRETT VANDERWIEL	WESTWOOD	952-906-7431

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Phone (214) 473-4640
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PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC
Muskegon County, Michigan

Cover

ISSUED FOR PERMIT
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DATE: 06/13/2025

SHEET: C001

REV: D

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C103	Existing Conditions - 4
C104	Existing Conditions - 5
C105	Existing Conditions - 6
C106	Existing Conditions - 7
C200	Overall Site Plan
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C700	Construction Details
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L100	Landscape Screeing Notes & Details

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Lakeside Solar, LLC

Muskegon County, Michigan

Sheet Index

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DATE: 06/13/2025

SHEET: C002

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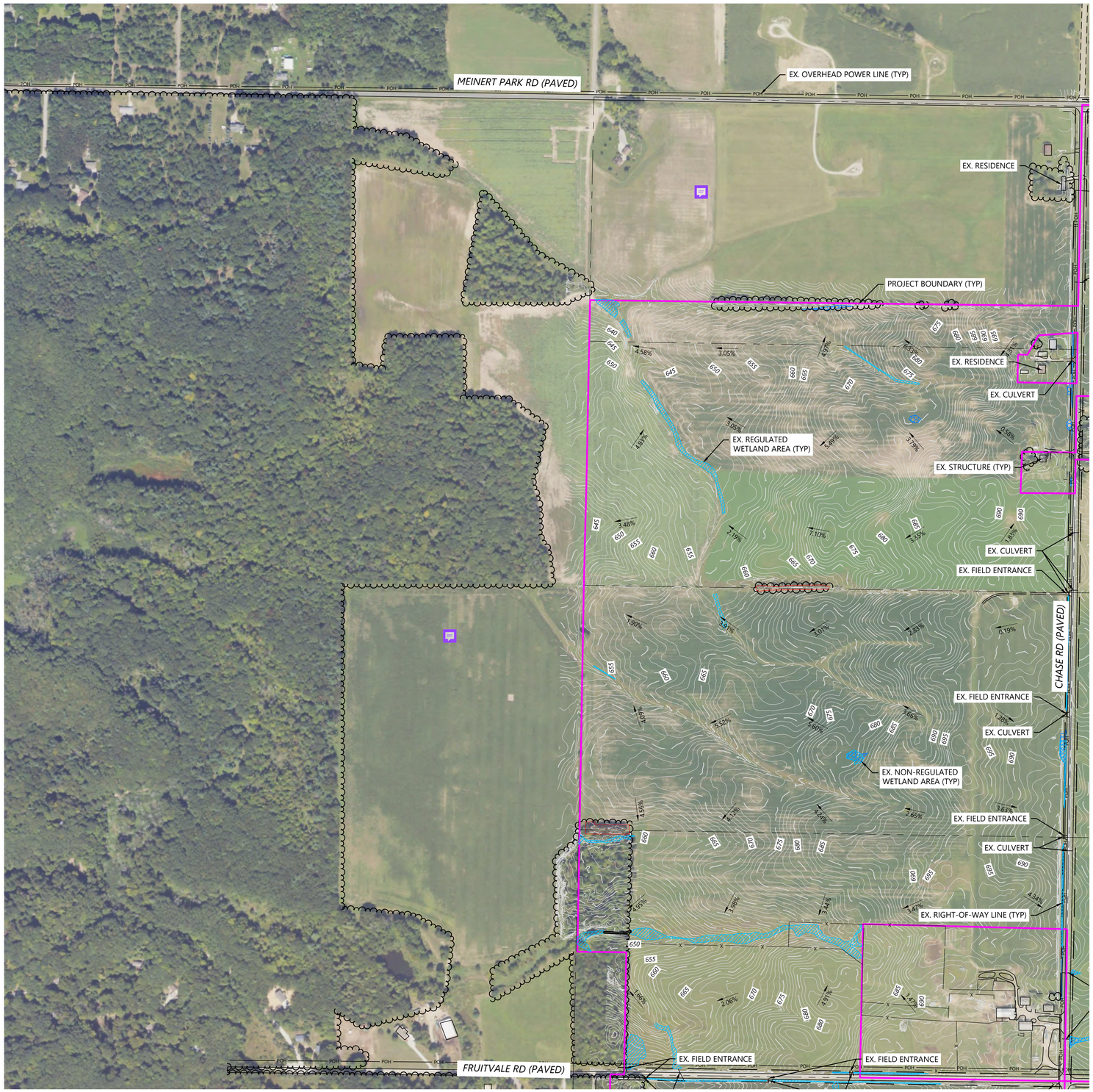

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- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- VEGETATION TO BE REMOVED

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1. EXISTING FEATURES SHOWN ARE A COMBINATION OF CLIENT PROVIDED DATA AND PUBLICLY AVAILABLE DATA. DESIGN SUBJECT TO CHANGE.

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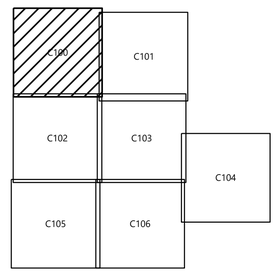

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 300' 600' 900'

Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 1

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DATE: 06/13/2025

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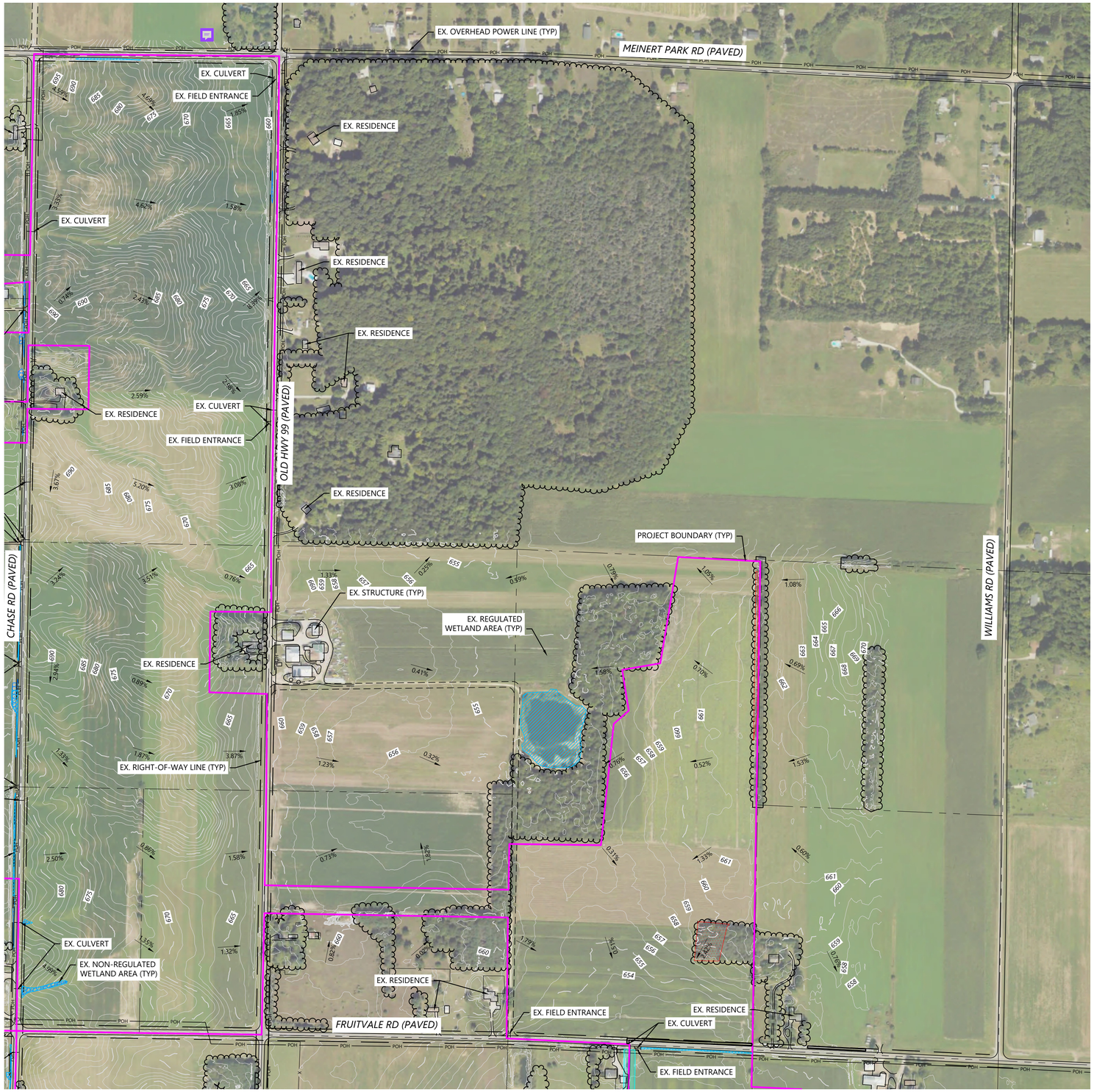

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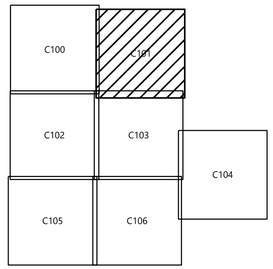

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0' 300' 600' 900'

Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 2

ISSUED FOR PERMIT
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DATE: 06/13/2025

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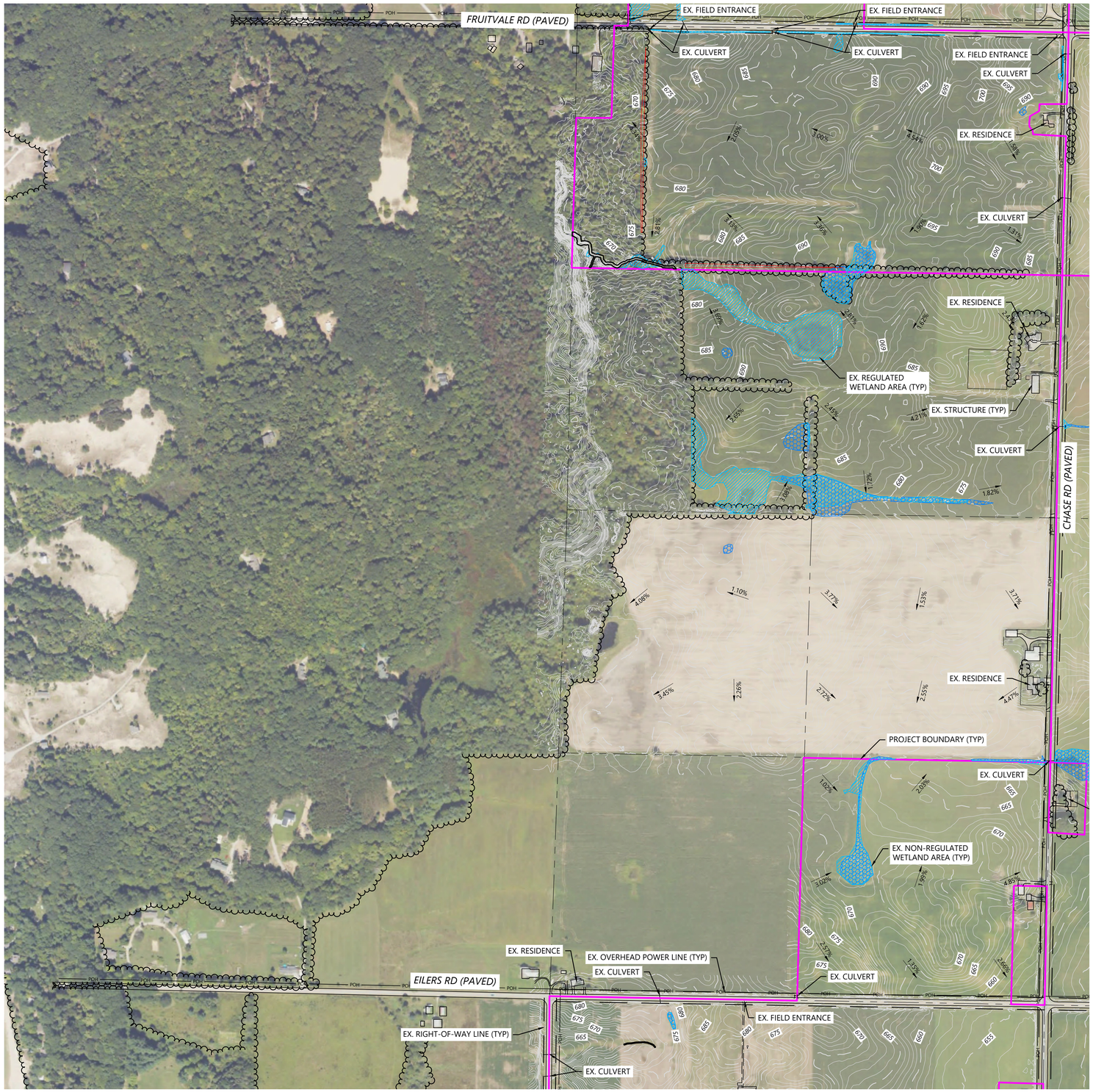

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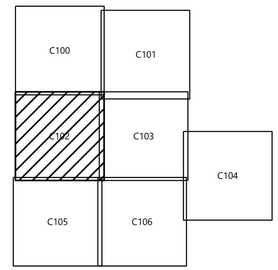

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0' 300' 600' 900'

Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 3

ISSUED FOR PERMIT
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DATE: 06/13/2025

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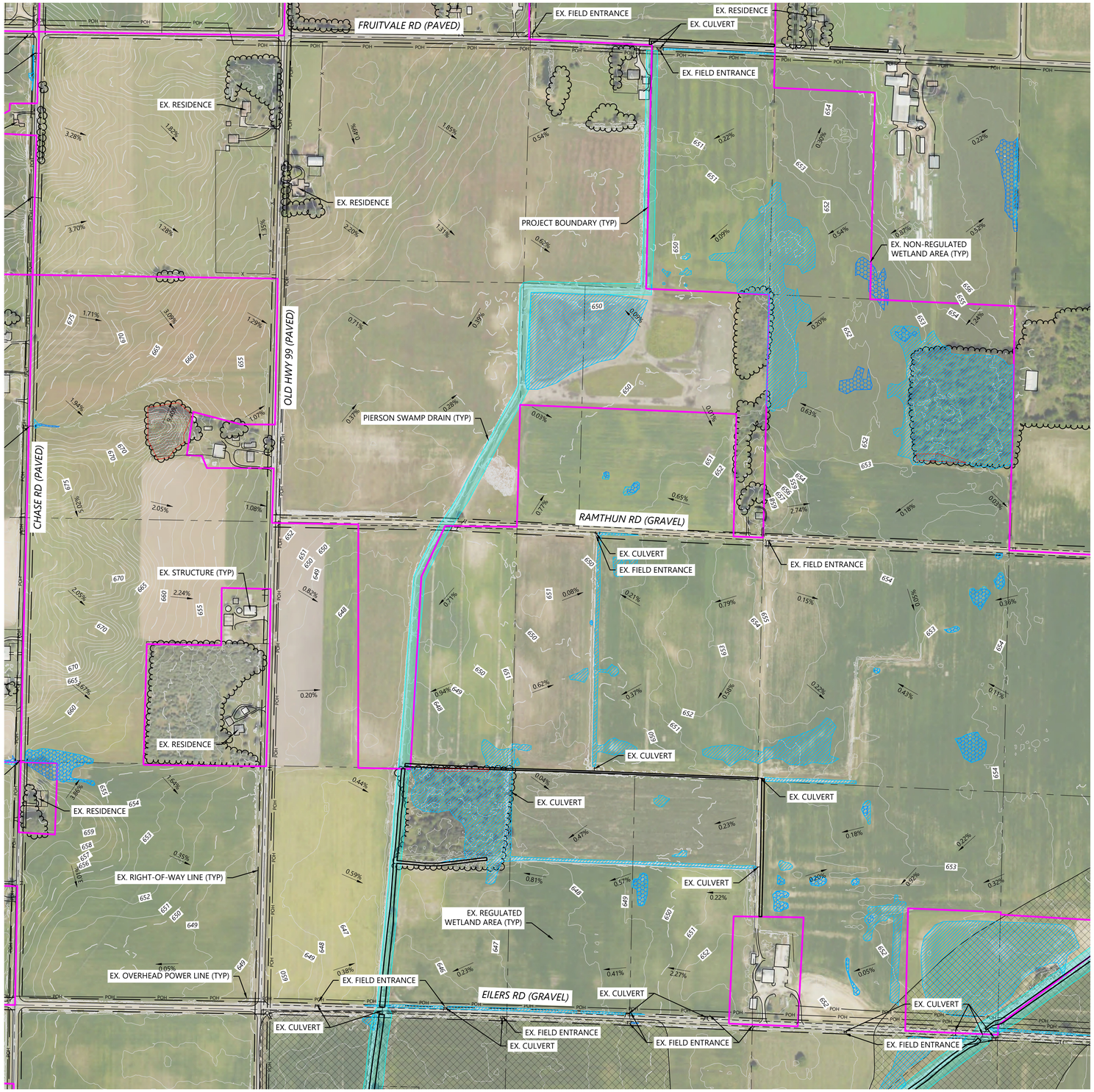

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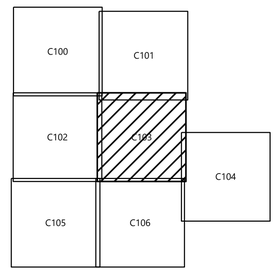

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0' 300' 600' 900'

Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 4

ISSUED FOR PERMIT
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DATE: 06/13/2025

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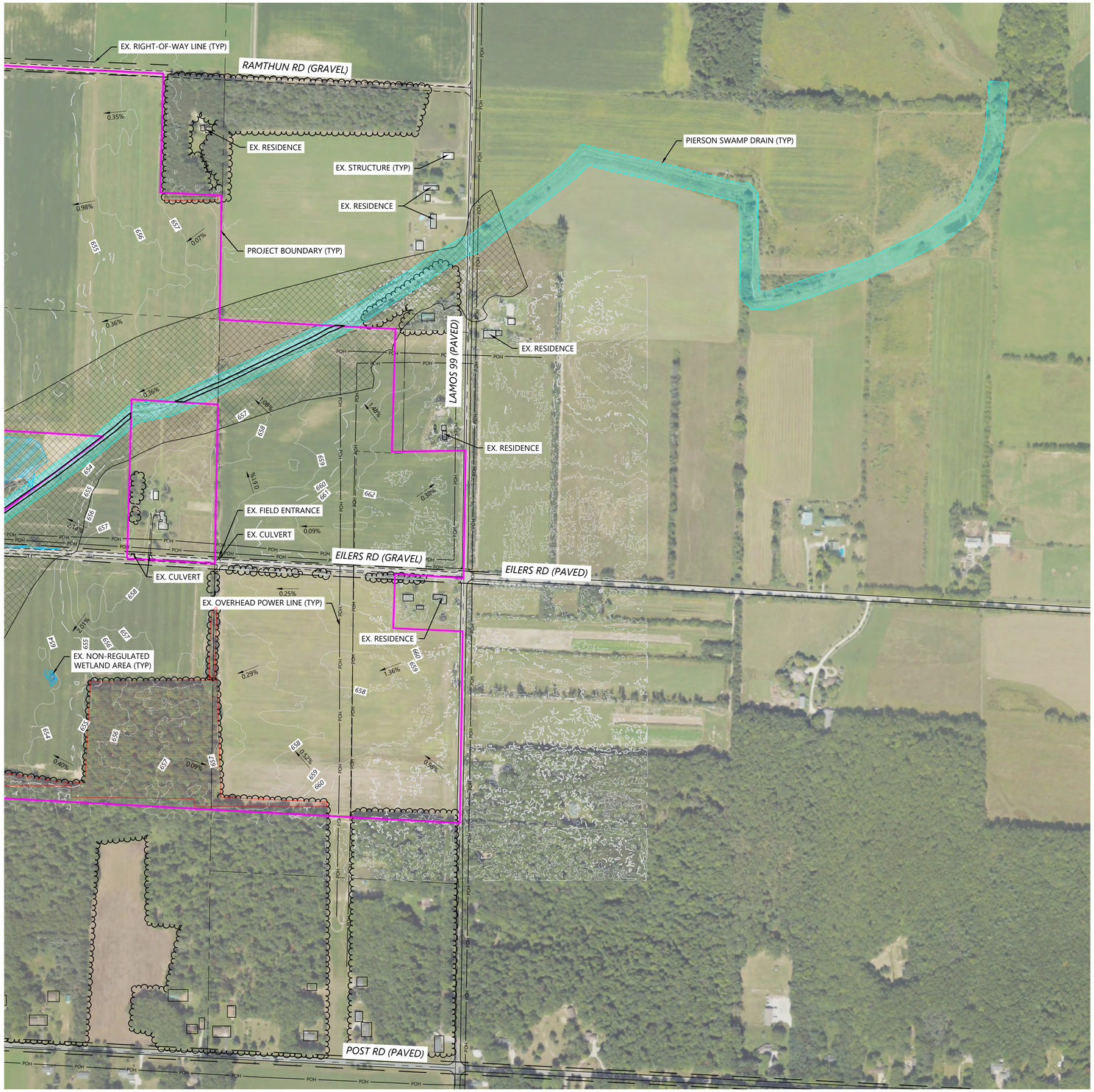

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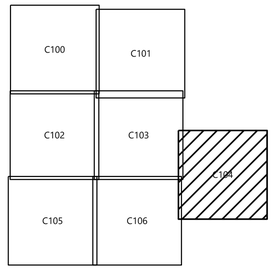

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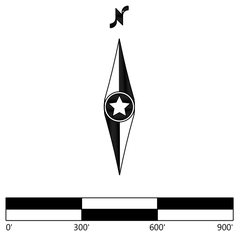

Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 5

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DATE: 06/13/2025

SHEET: C104

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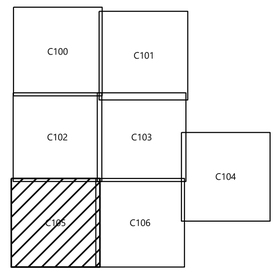

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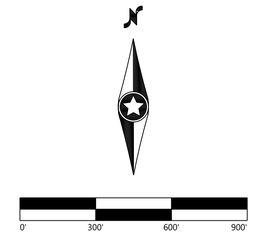

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Muskegon County, Michigan

Existing Conditions - 6

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DATE: 06/13/2025

SHEET: C105

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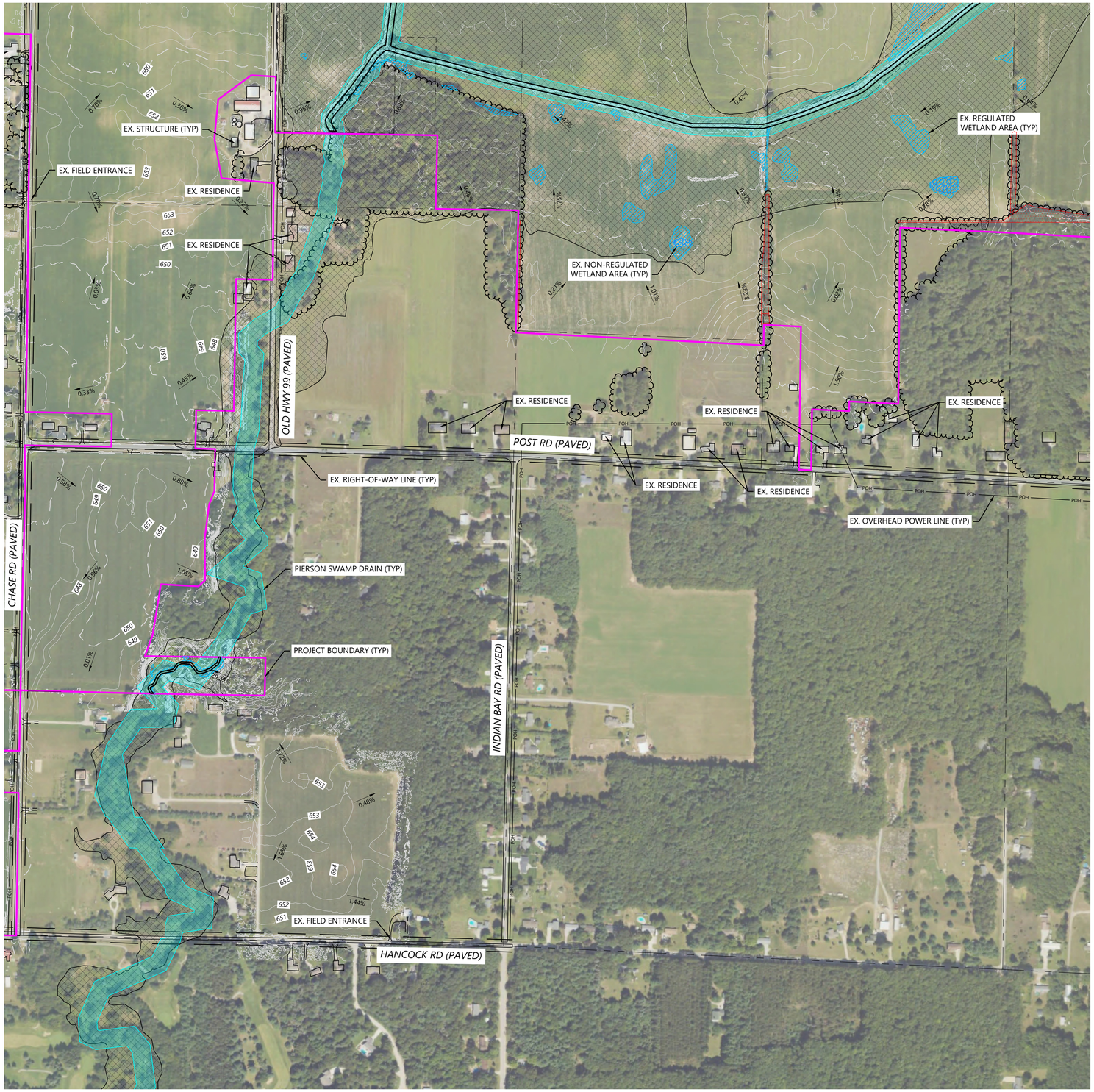

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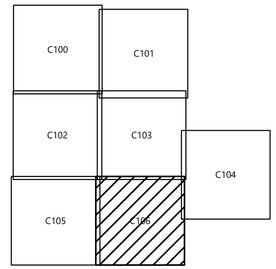

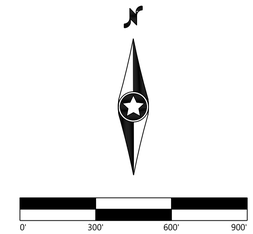

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Lakeside Solar, LLC

Muskegon County, Michigan

Existing Conditions - 7

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DATE: 06/13/2025

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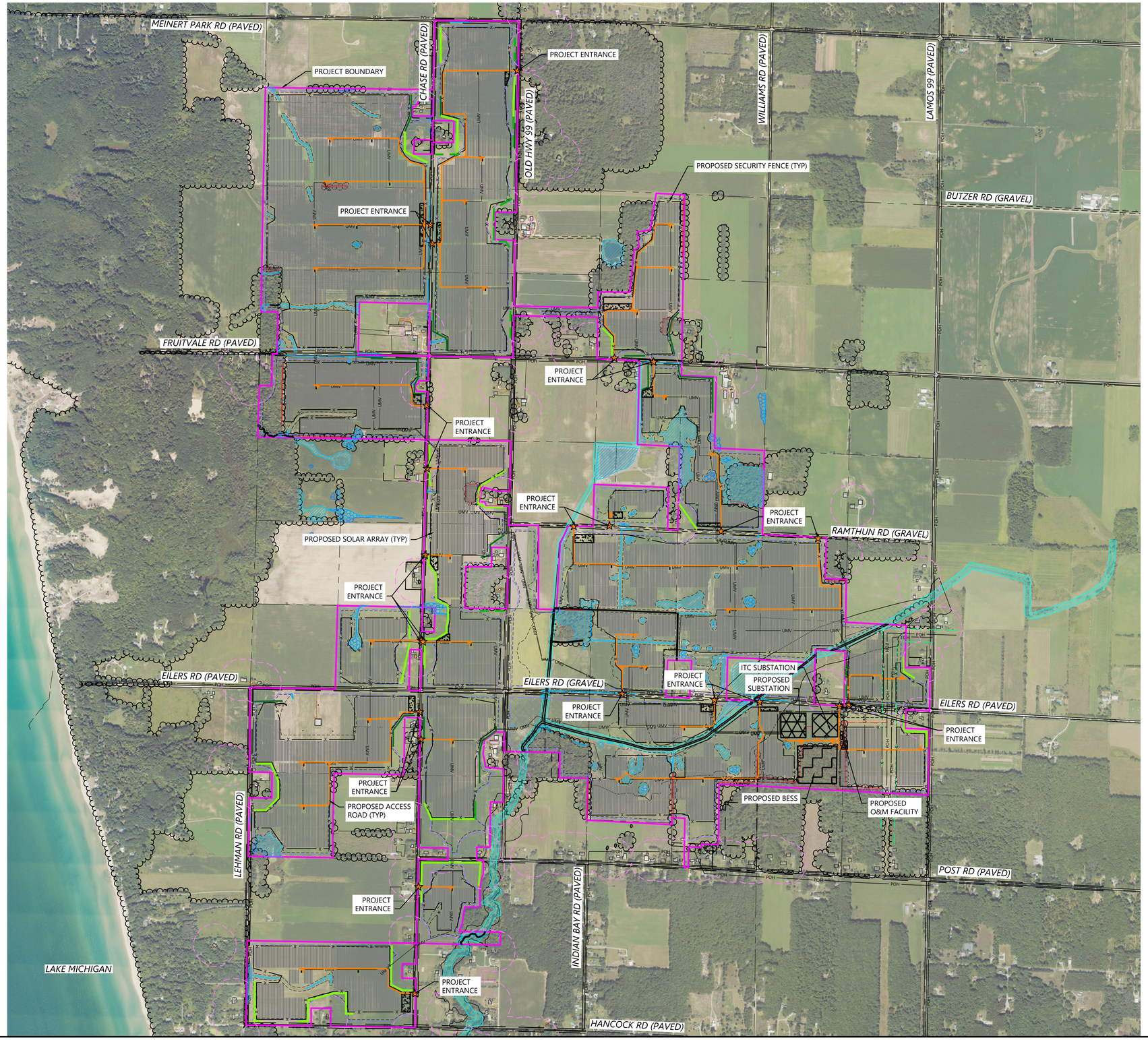

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- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
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- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
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- PROPOSED OVERHEAD GEN-TIE
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- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROJECT ENTRANCE

NOTES:

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PROJECT SETBACKS	
SETBACK DESCRIPTION	SETBACK DISTANCE
OCCUPIED COMMUNITY BUILDINGS AND DWELLINGS ON NON-PARTICIPATING PROPERTIES	300 FT (MEASURED FROM NEAREST POINT ON OUTER WALL TO ARRAY SECURITY FENCE)
PUBLIC ROAD RIGHT-OF-WAY	50 FT (MEASURED FROM NEAREST EDGE OF PUBLIC ROAD RIGHT-OF-WAY TO SECURITY FENCE)
NON-PARTICIPATING PARTIES	50 FT (MEASURED FROM THE NEAREST SHARED PROPERTY LINE TO ARRAY SECURITY FENCE)
PROPERTY LINES	50 FT (MEASURED FROM PROPERTY LINE)
INVERTER	300 FT (MEASURED FROM NEAREST POINT ON OUTER WALL)

0' 800' 1600' 2400'

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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Overall Site Plan

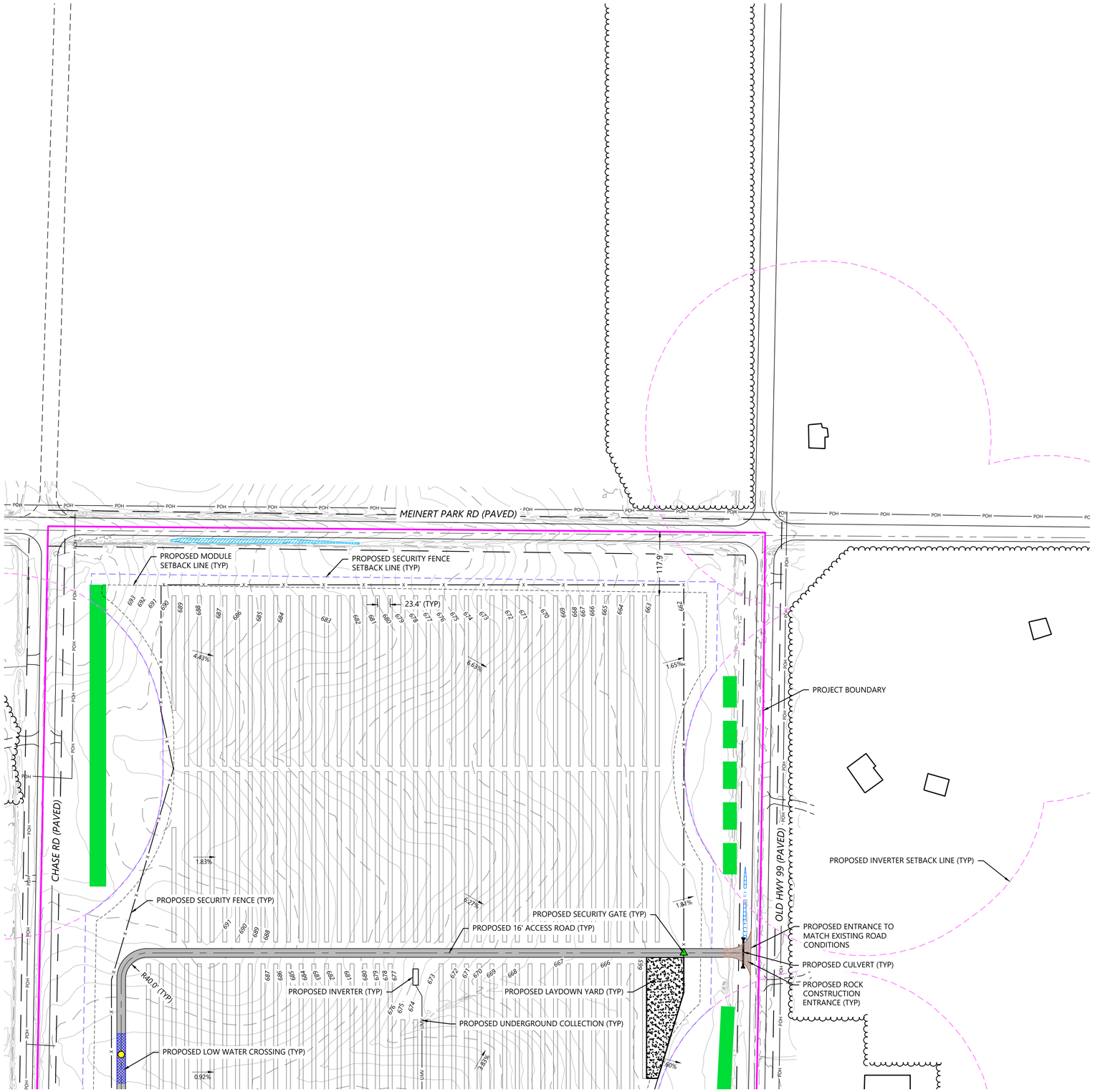
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C200

REV: D

N:\0035904.00\dwg_Civil\0035904.04-01.dwg, 6/13/2025, 12:19 PM, Adrian Wismer



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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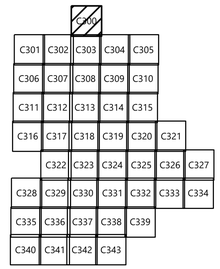
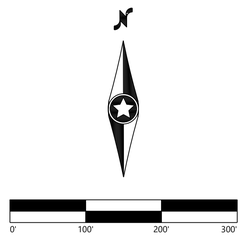
KEY MAP:





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geronimo power

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BLOOMINGTON, MN 55437

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 1

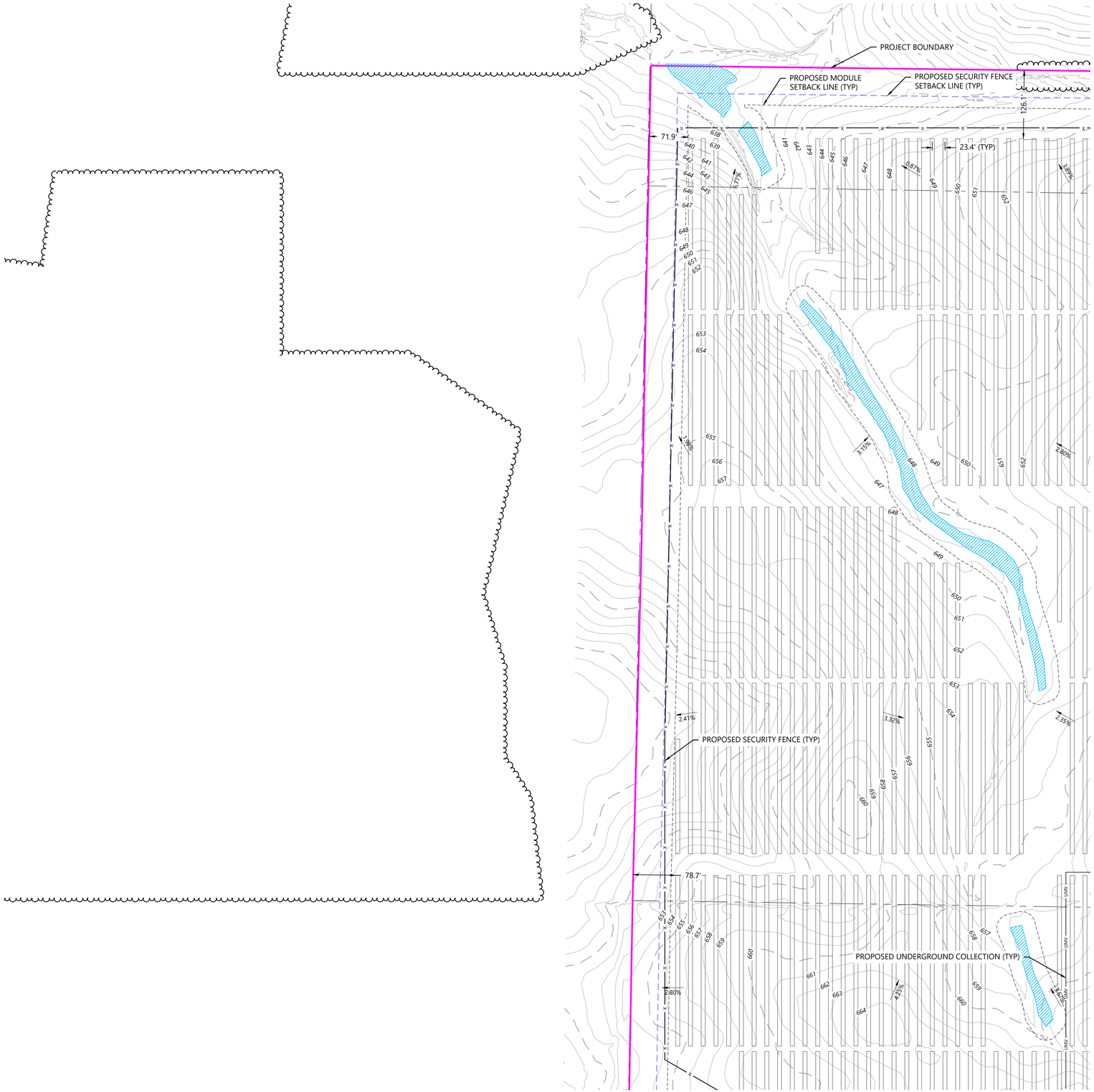
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C300

REV: D

N:\2025\0604.05\Civil_Civil\0604.05-01.dwg, 6/13/2025 12:20 PM, Adrian Wagner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
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KEY MAP:

		C300				
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 2

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C301

REV: D

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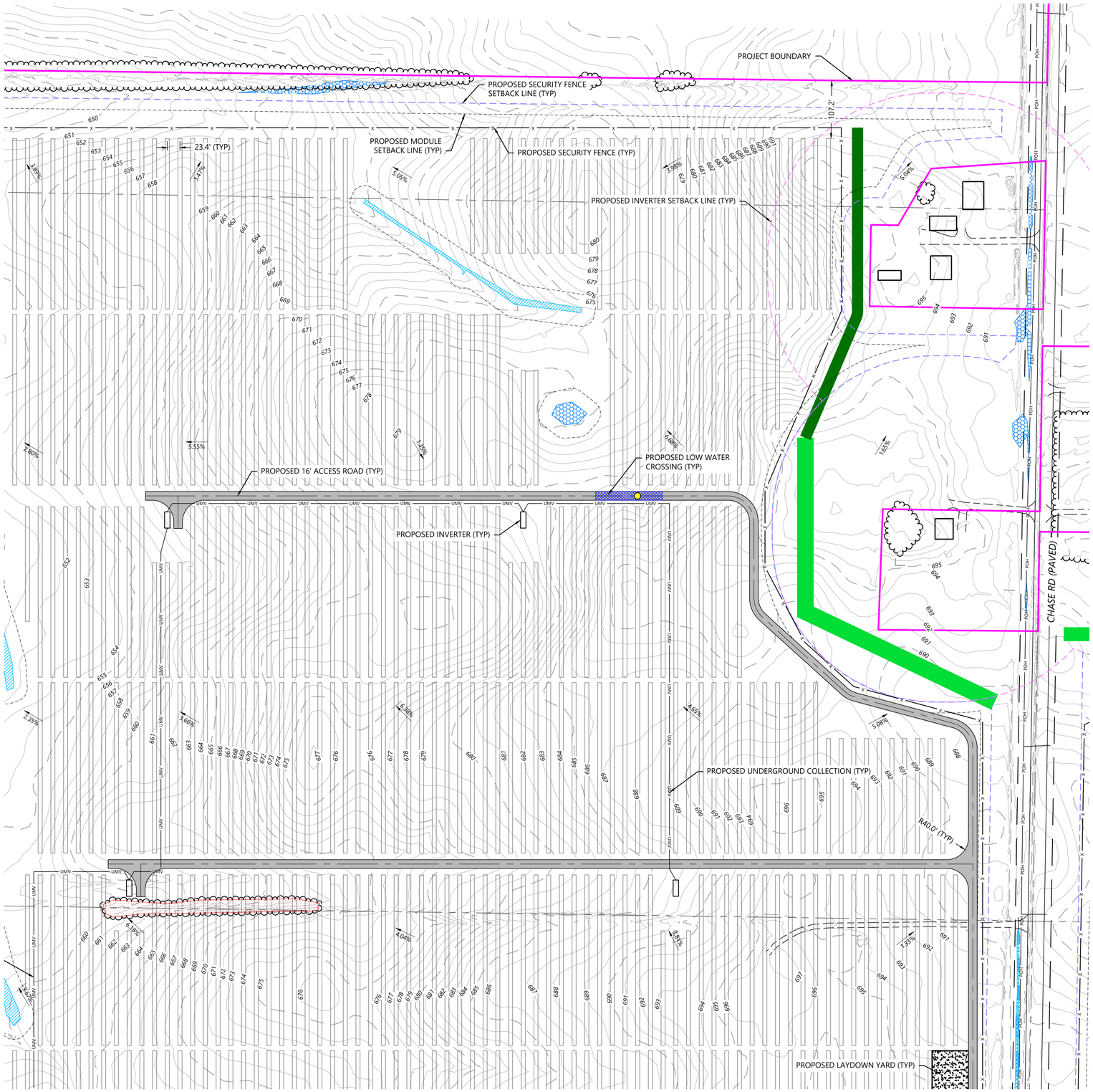

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

Westwood

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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 3

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C302

REV: D

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LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
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C340	C341	C342	C343			

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 4

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C303

REV: D

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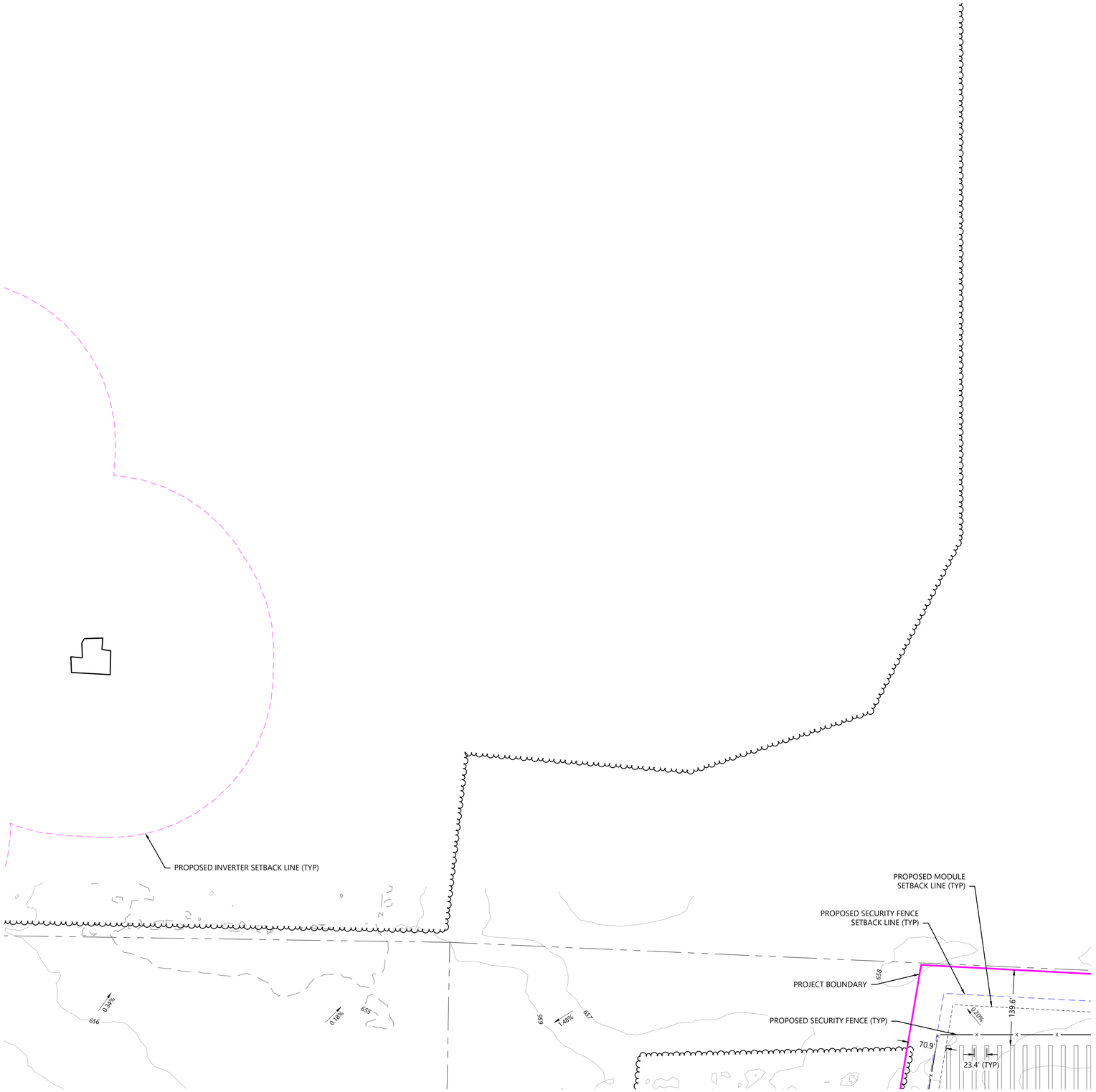

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
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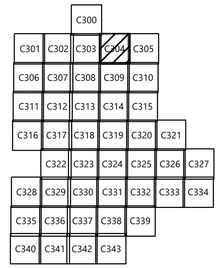

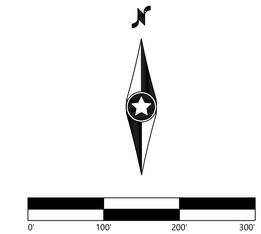

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 5

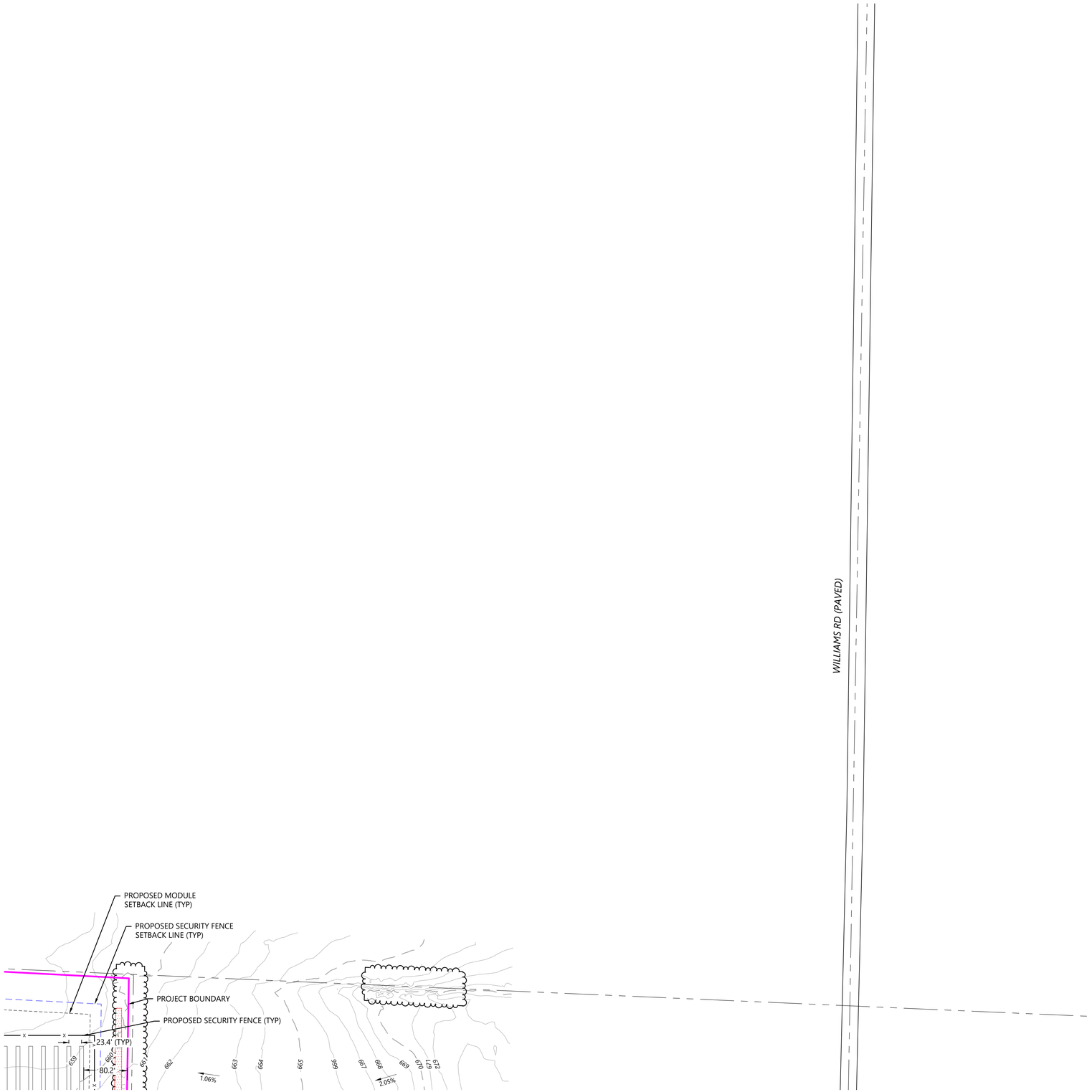
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C304

REV: D

N:\0059004.00\Acad_Civil\0059004.SP-01.dwg, 6/13/2025 12:20 PM Adrian Wismer



LEGEND:

- PROJECT BOUNDARY
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- PROPOSED CULVERT
- PROPOSED DRAINAGE CROSSING
- PROPOSED CONCRETE WASHOUT

NOTES:

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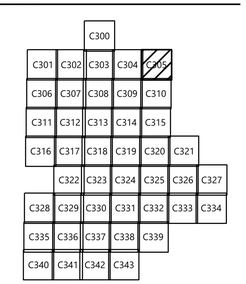
KEY MAP:



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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

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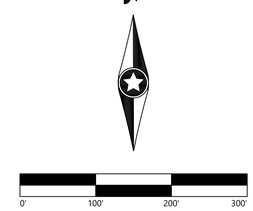

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 6

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C305

REV: D

N:\0010\004.05\dwg_Civil\0010004.05-01.dwg, 6/13/2025 1:2:29 PM, Adrian Wismer

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
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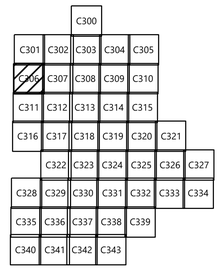

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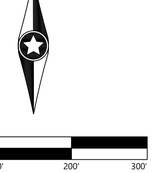

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 7

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C306

REV: D

N:\2025\06410\Docs_Civil\06410004_SP-01.dwg, 6/13/2025 12:39 PM, Adrian Wagner

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
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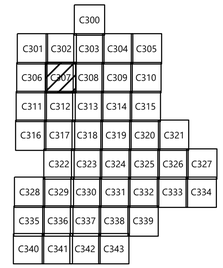

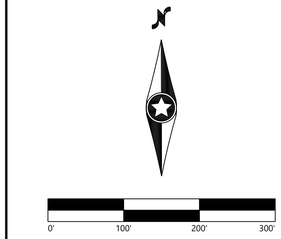

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 8

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C307

REV: D

N:\00109004-00\dwg_Civil\00109004-SP-01.dwg, 6/13/2025 12:21 PM, Allison Wisner

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
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- PROPOSED SOLAR ARRAY
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- PROPOSED UNDERGROUND COLLECTION
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- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
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- VEGETATION TO BE REMOVED
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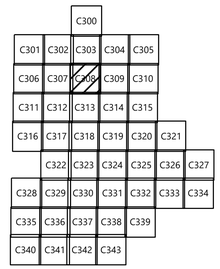

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 9

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C308

REV: D

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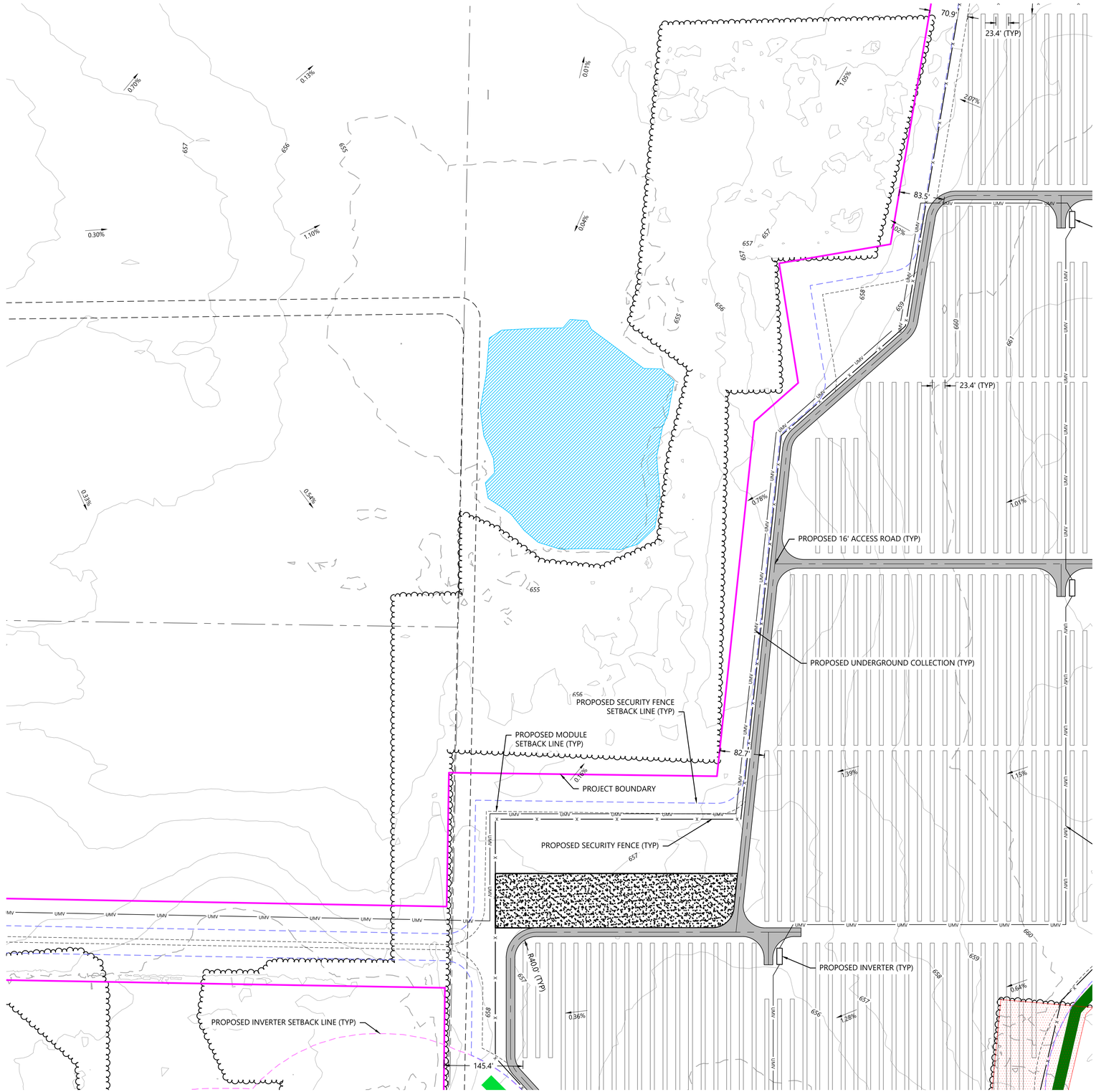

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- 900 — EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- X — EX. FENCE
- STO — EX. CULVERT
- POH — EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- UMV — PROPOSED UNDERGROUND COLLECTION
- OMV — PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- X — PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
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KEY MAP:

			C300			
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

0' 100' 200' 300'

Westwood

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 10

ISSUED FOR PERMIT
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DATE: 06/13/2025

SHEET: C309

REV: D

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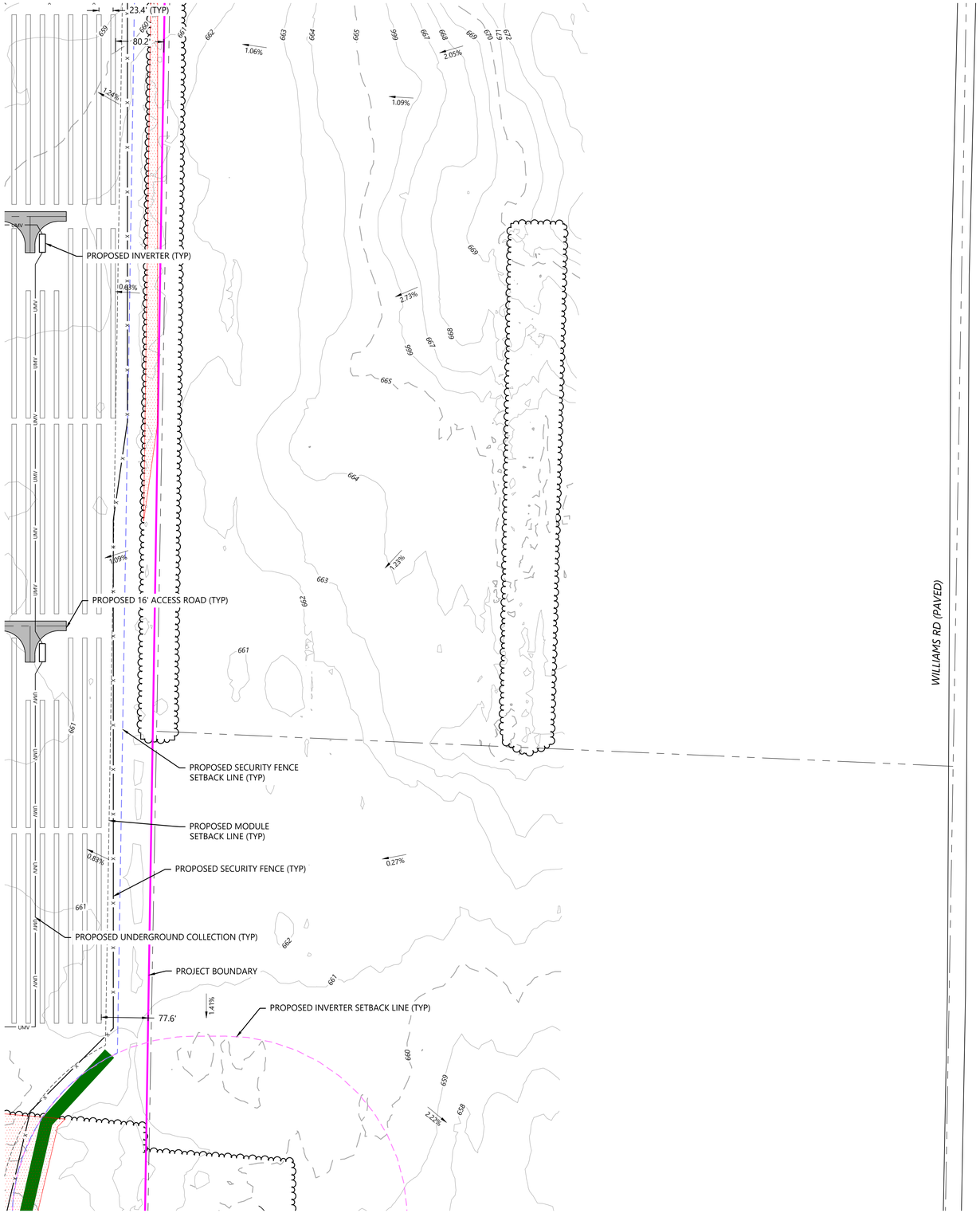

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
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- EX. INDEX CONTOUR
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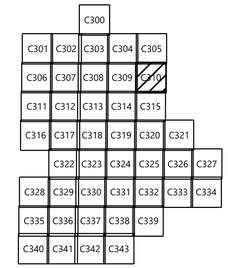

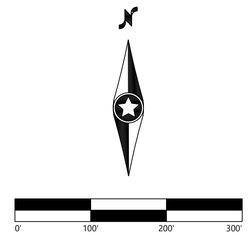

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 11

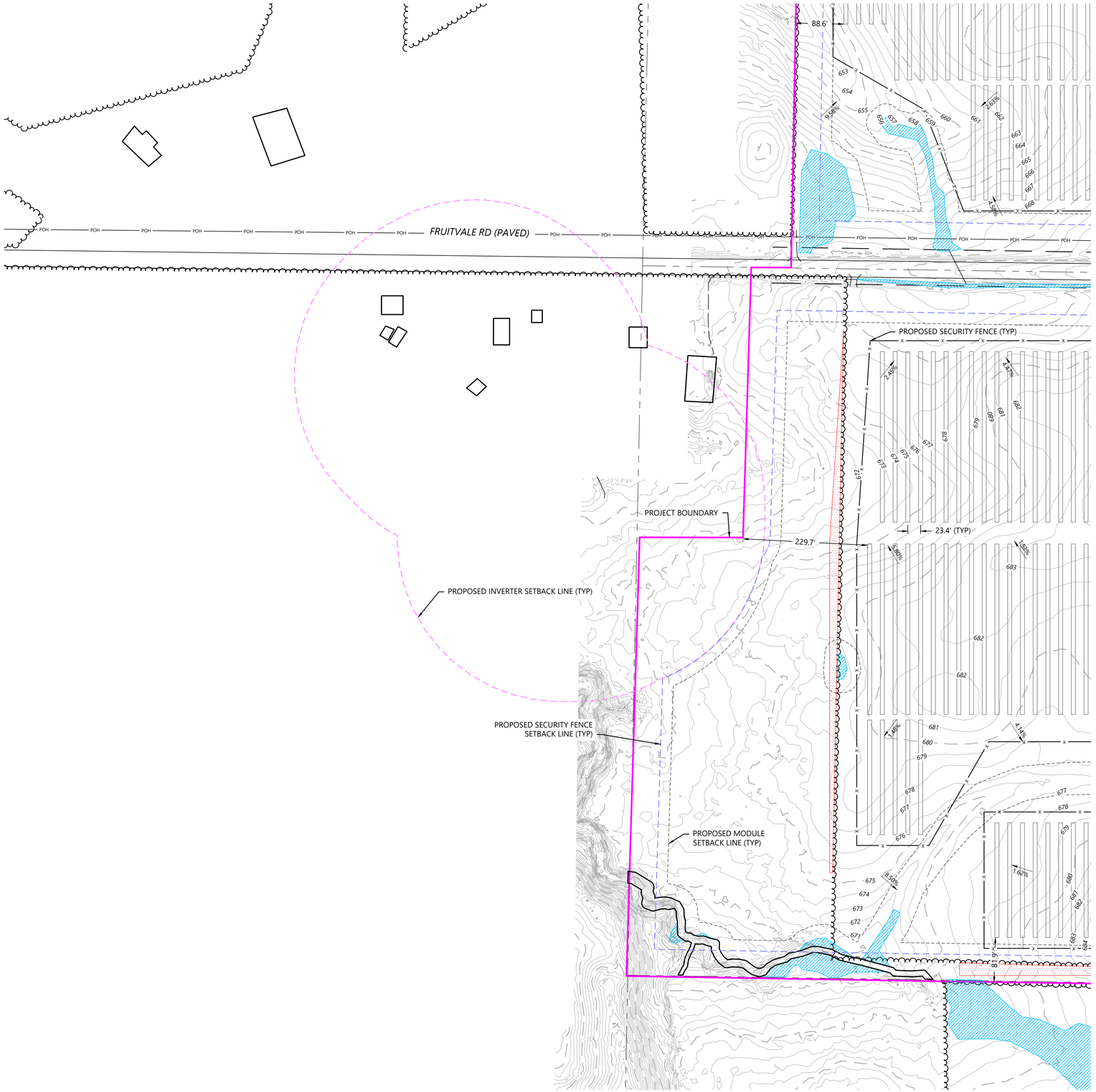
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C310

REV: D

N:\0076904.09-Serv_Civil\0076904.SB.01.dwg, 6/13/2025 1:23:1 PM Adrian.Wismer



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
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- EX. INTERVAL CONTOUR
- EX. STRUCTURE
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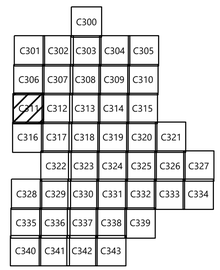
KEY MAP:



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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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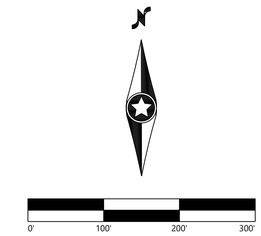
B	05/30/2025	Revised Permit Plans	AW	BV	BV
C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV



Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 12

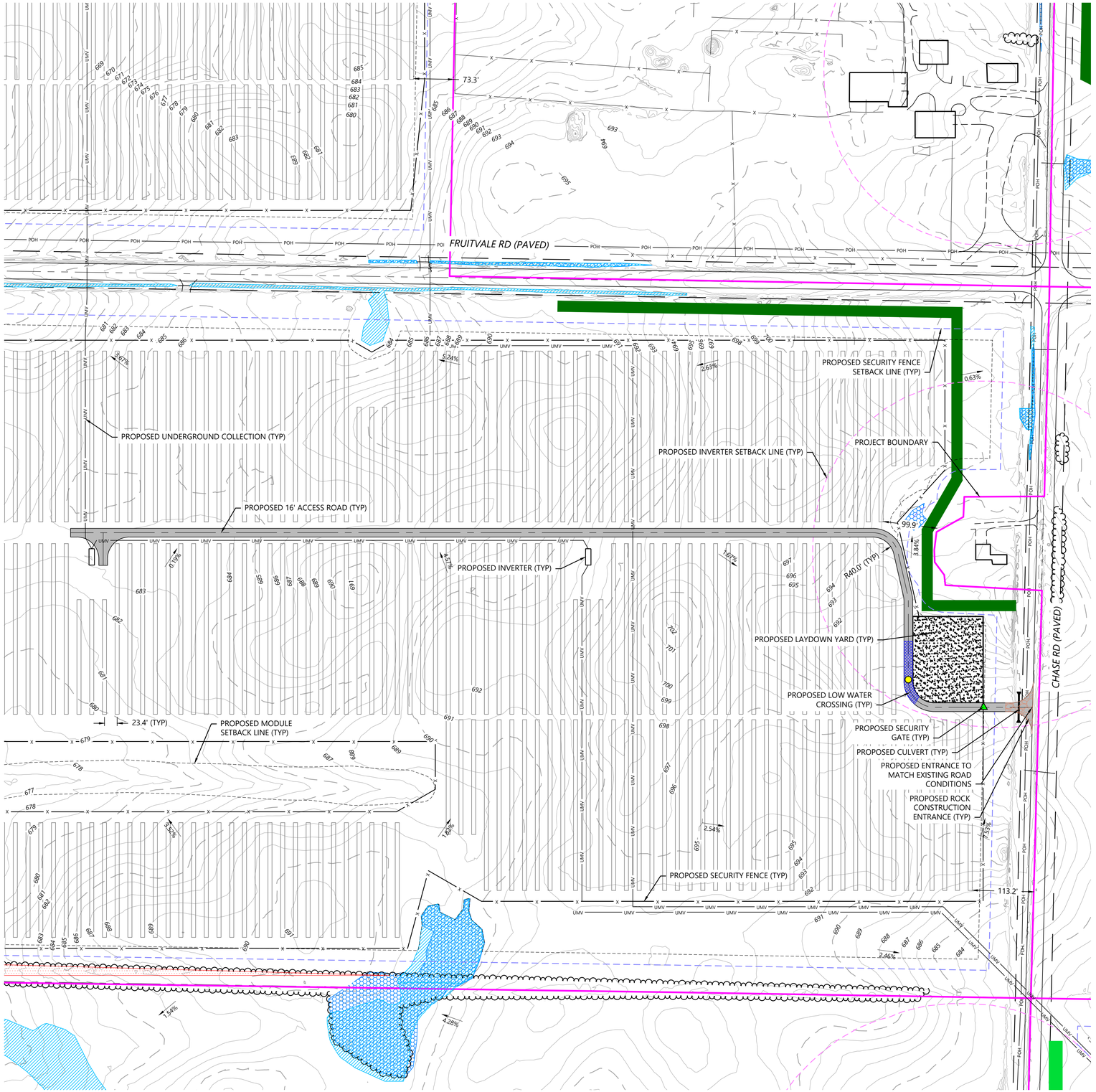
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C311

REV: D

M:\0026904.05\acd_Civil\0026904_SP-01.dwg, Civil 06/13/2025 1:21 PM, Adrian.Wagner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROPOSED CULVERT
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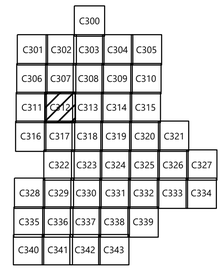

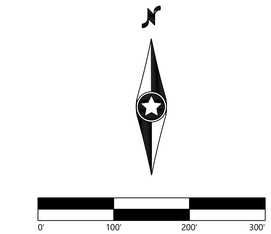

Westwood

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 13

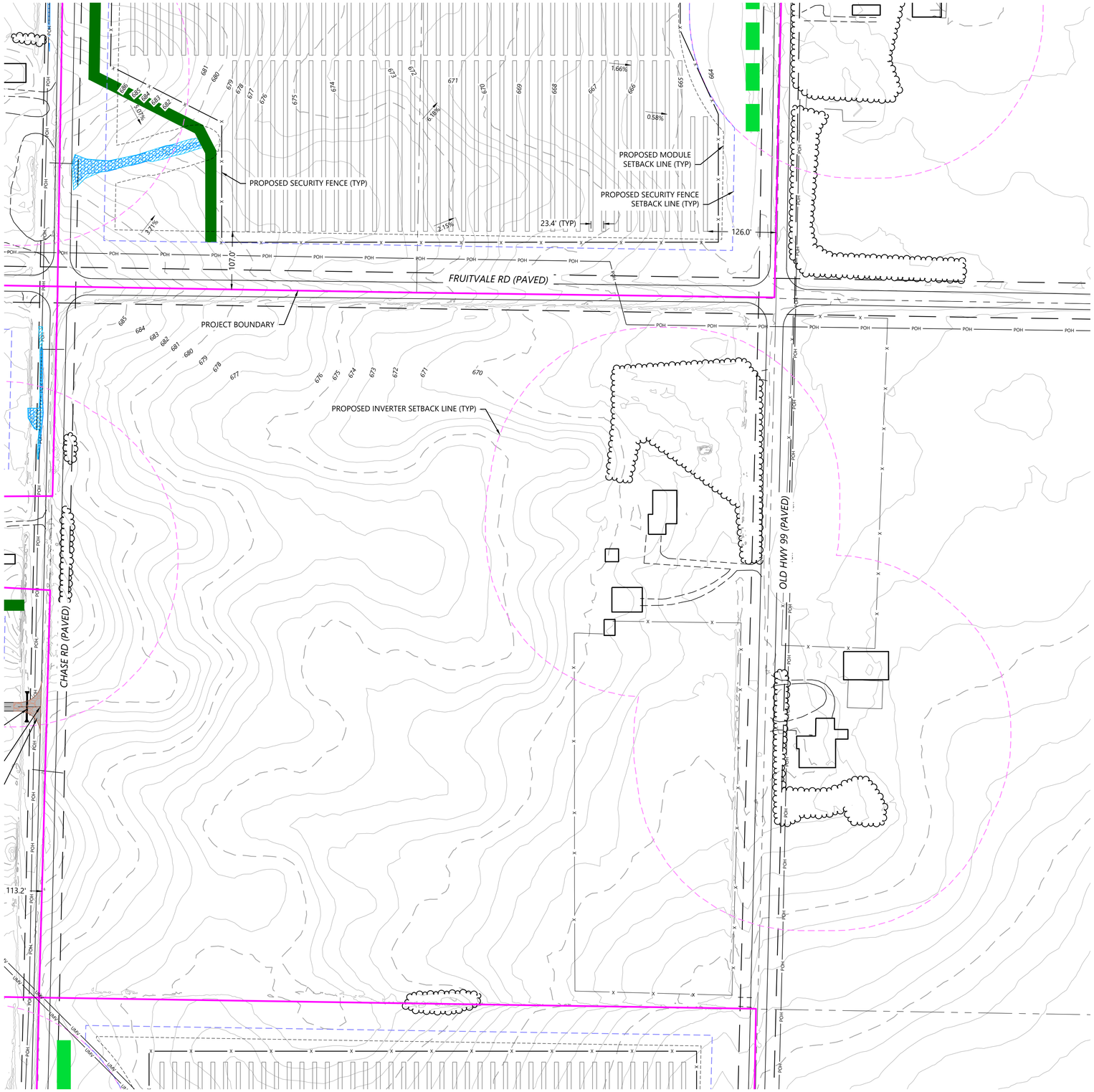
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C312

REV: D

M:\0026906\09-Design_Civil\0026906_SP-01.dwg, 6/13/2025 12:21 PM, Adrian Wagner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
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- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
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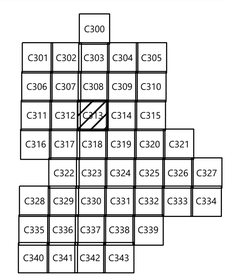

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 14

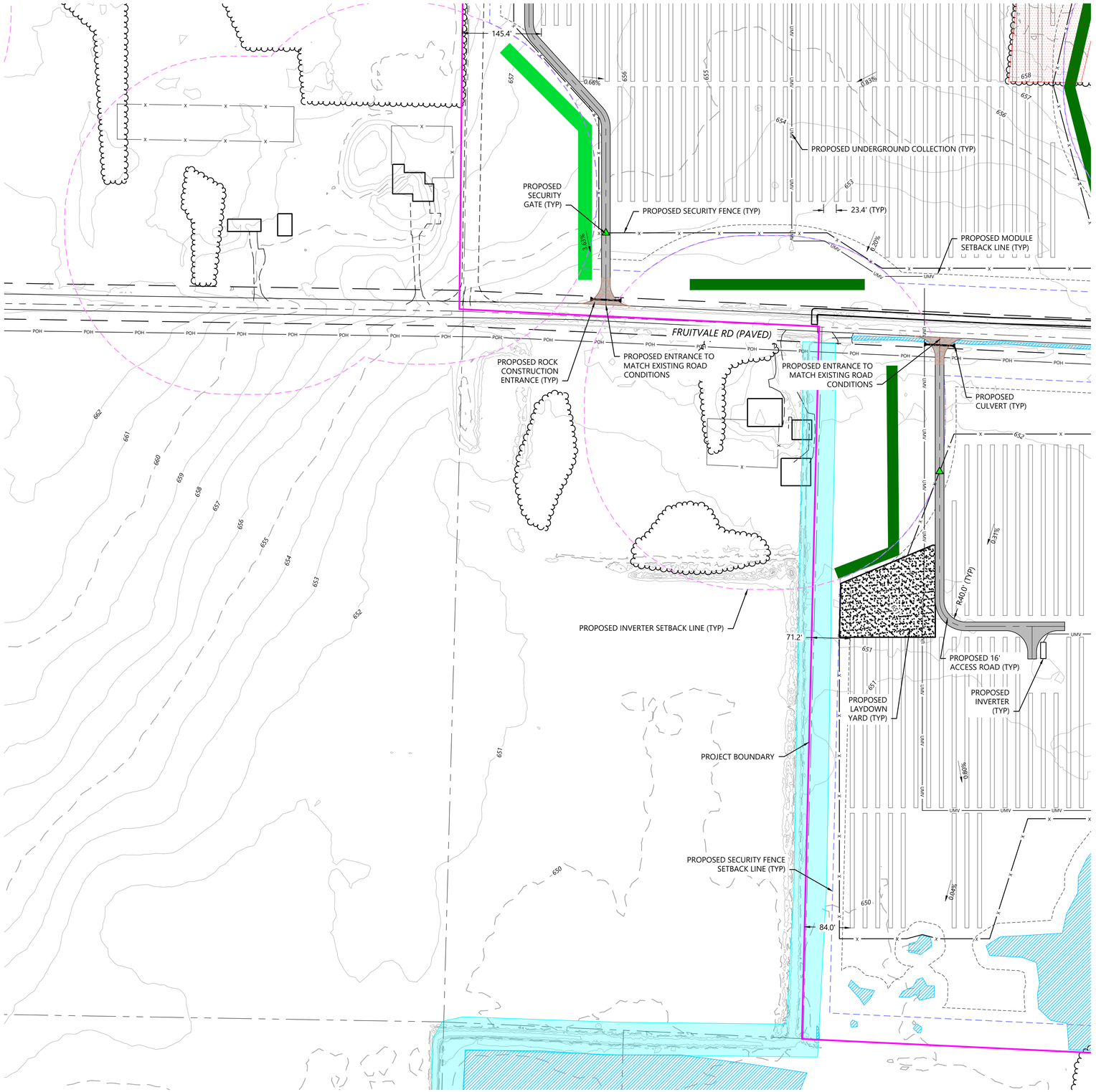
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C313

REV: D

N:\2025\06A.05\dwg_Civil\2025006A.SP.01.dwg, 6/13/2025 1:2:21 PM, Adrian Wismer



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
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- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
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- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
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KEY MAP:

		C300				
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 15

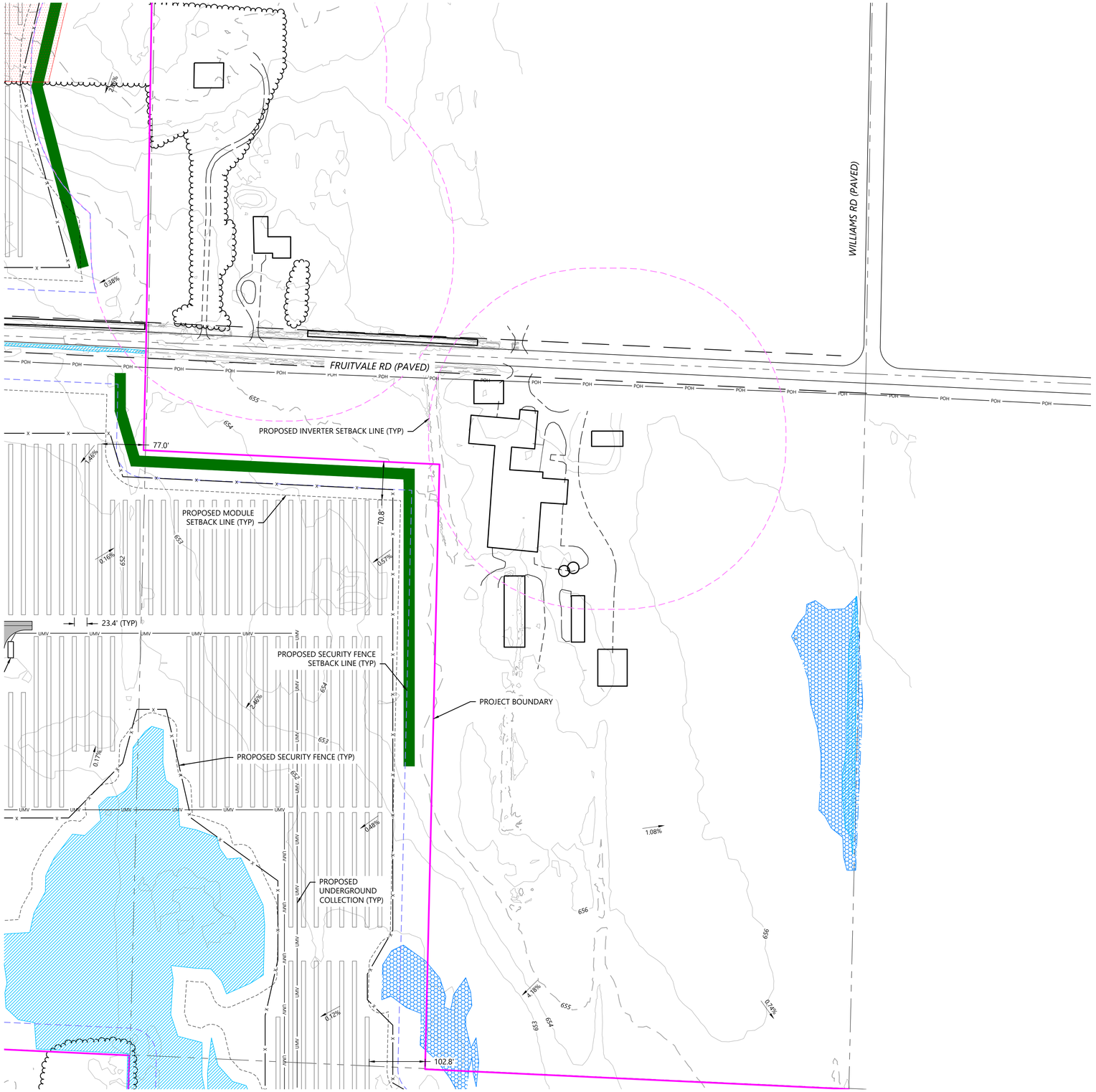
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C314

REV: D

N:\0010004.05\dwg_Civil\0010004-SP-01.dwg, 6/13/2025 12:22 PM, Adrian Wisner



LEGEND:

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- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
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- EX. GRAVEL ROAD
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- EX. STREAM CHANNEL
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- EX. REGULATED WETLAND
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- PROPOSED EASEMENT
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- PROPOSED LAYDOWN YARD
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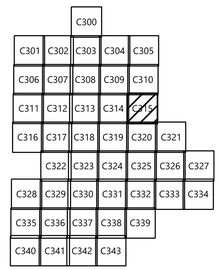

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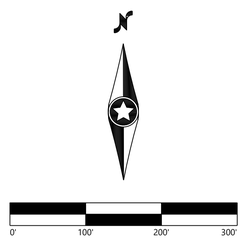


Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 16

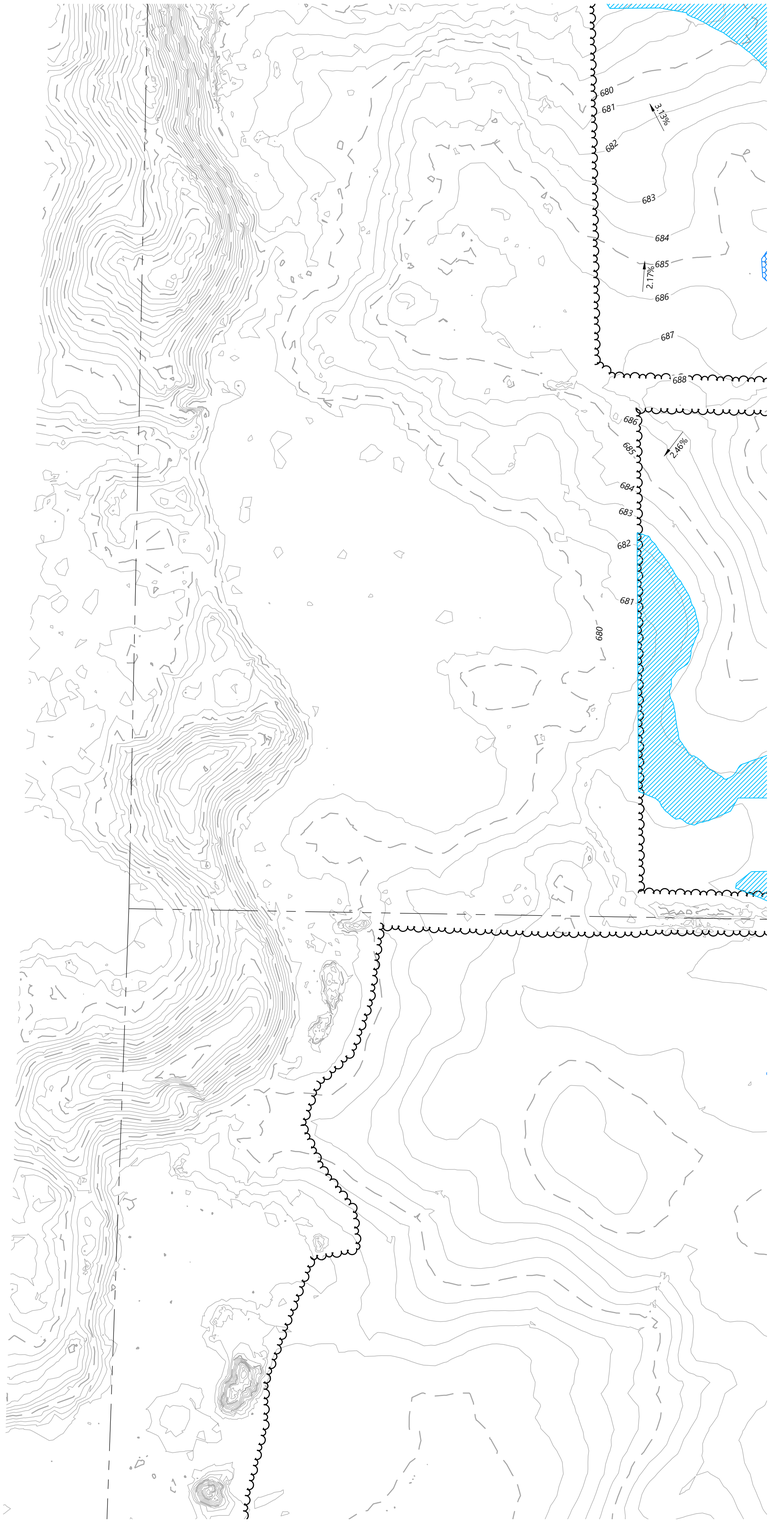
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C315

REV: D

N:\0010\004.05-dwg_Civil\0010004.05-01.dwg, 6/13/2025 12:22 PM, Alston Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- 900 — EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- X — EX. FENCE
- STO — EX. CULVERT
- POH — EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- UMV — PROPOSED UNDERGROUND COLLECTION
- OMV — PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- X — PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
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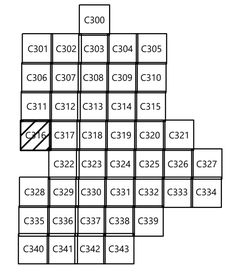

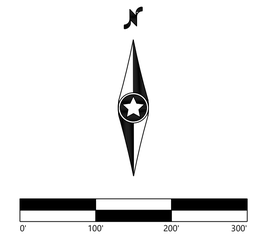

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 17

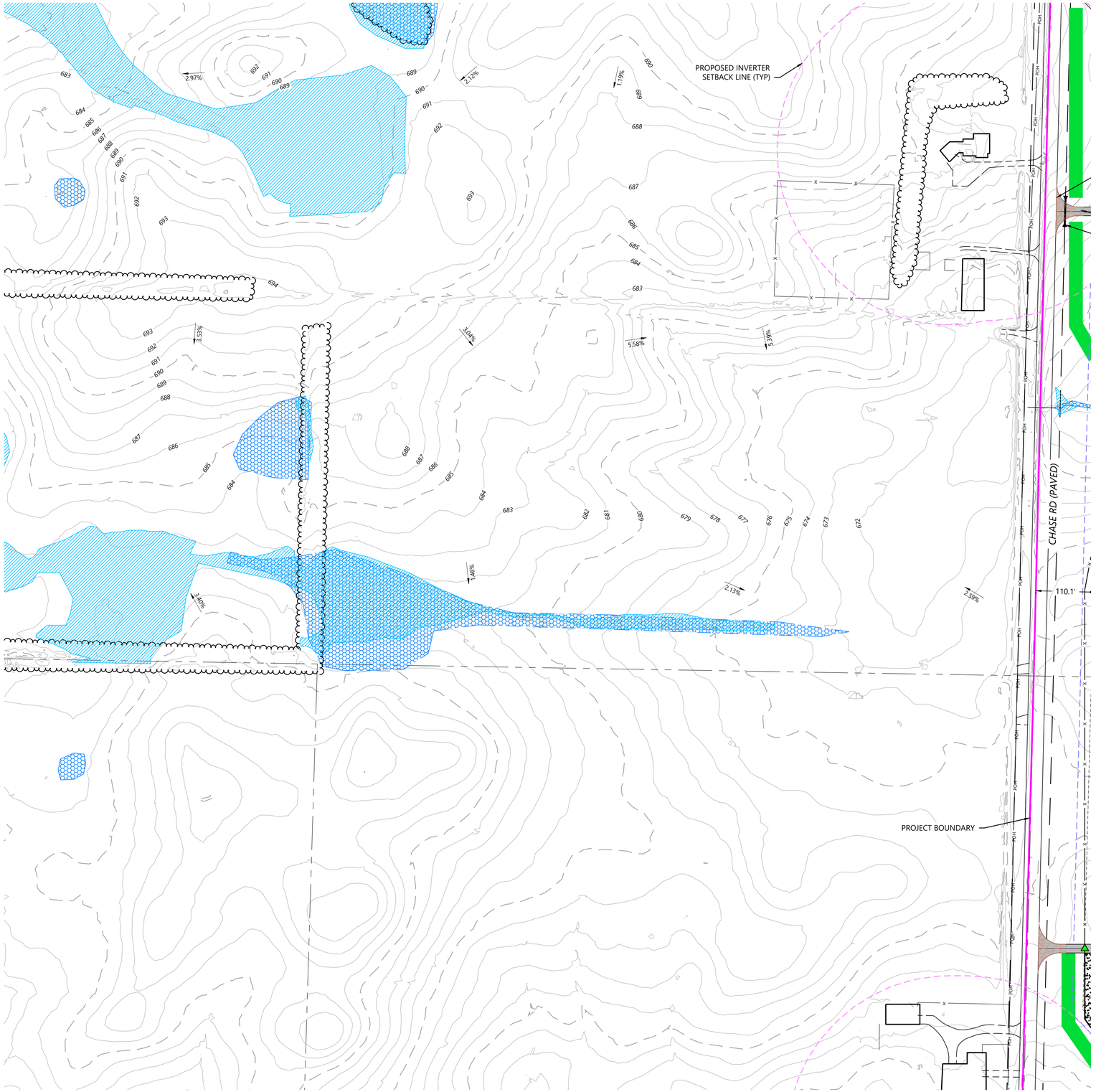
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C316

REV: D

N:\0029904.00-Jhon_Civil\0029904.SP.01.dwg, 6/13/2025 12:22 PM Adrian Wismer



LEGEND:

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- EX. INTERVAL CONTOUR
- EX. STRUCTURE
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- EX. FENCE
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- VEGETATION TO BE REMOVED
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- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROPOSED CULVERT
- PROPOSED DRAINAGE CROSSING
- PROPOSED CONCRETE WASHOUT

NOTES:

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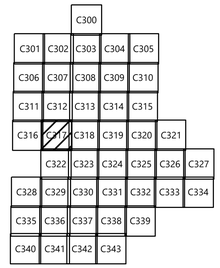
KEY MAP:



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geronimo power

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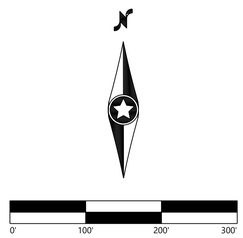


Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 18

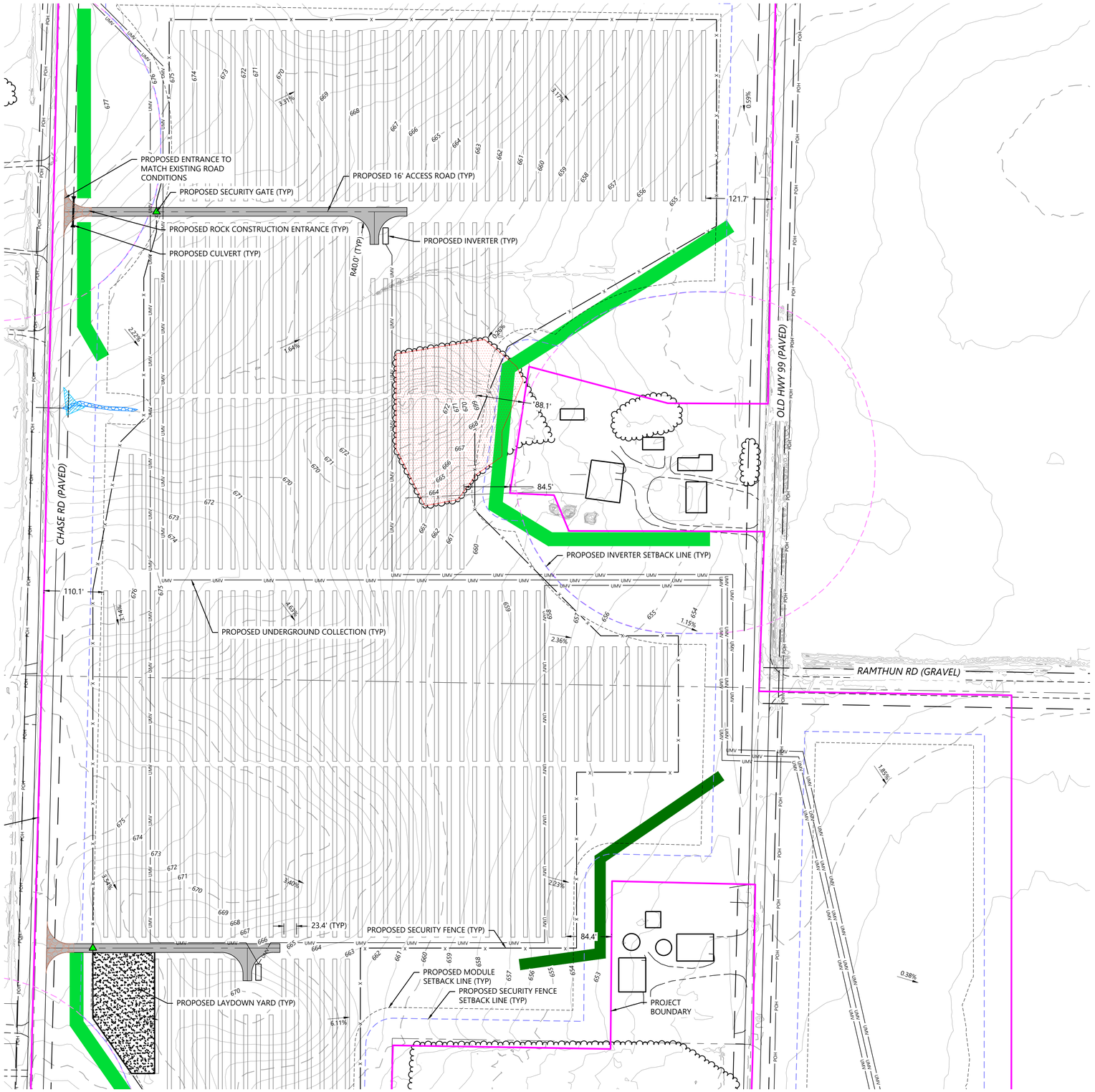
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C317

REV: D

N:\005\006\06.00\dwg_Civil\005006-SP-01.dwn, 6/13/2025 12:22 PM Athlin Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
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KEY MAP:

		C300				
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 19

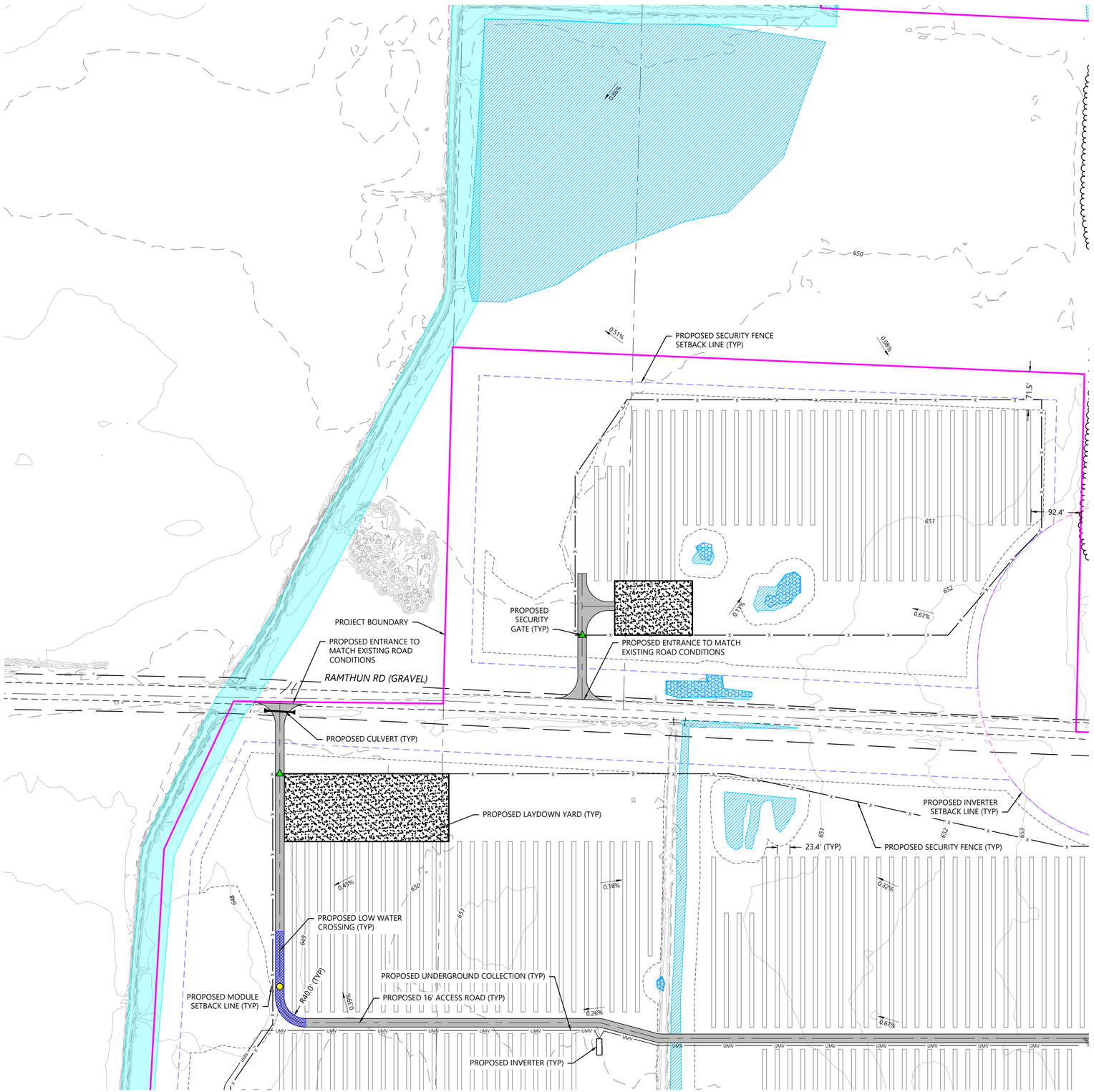
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C318

REV: D

N:\0030\004.05-dwg_Civil\200504_SP-01.dwg, 6/13/2025 1:12:22 PM, Allison Wismer



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
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- PROPOSED ELECTRICAL EQUIPMENT
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- PROPOSED SECURITY FENCE SETBACK
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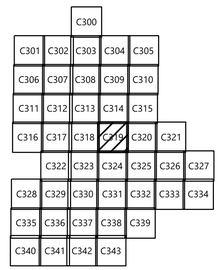

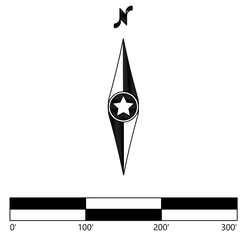

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 20

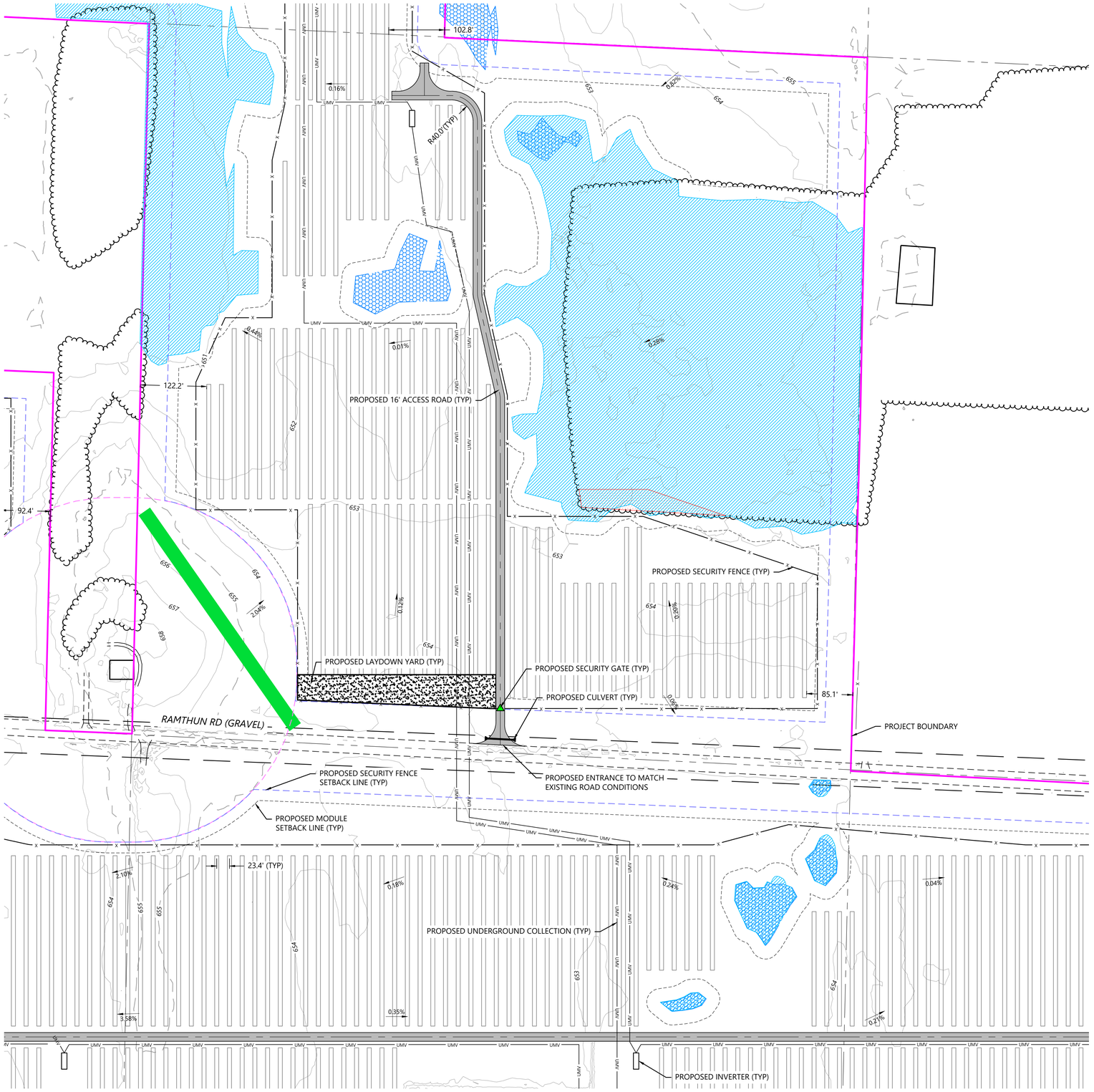
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C319

REV: D

M:\026966\05\Revit_Civil\026966_SP-01.dwg, 6/13/2025 12:23 PM, Adrian Wagner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 21

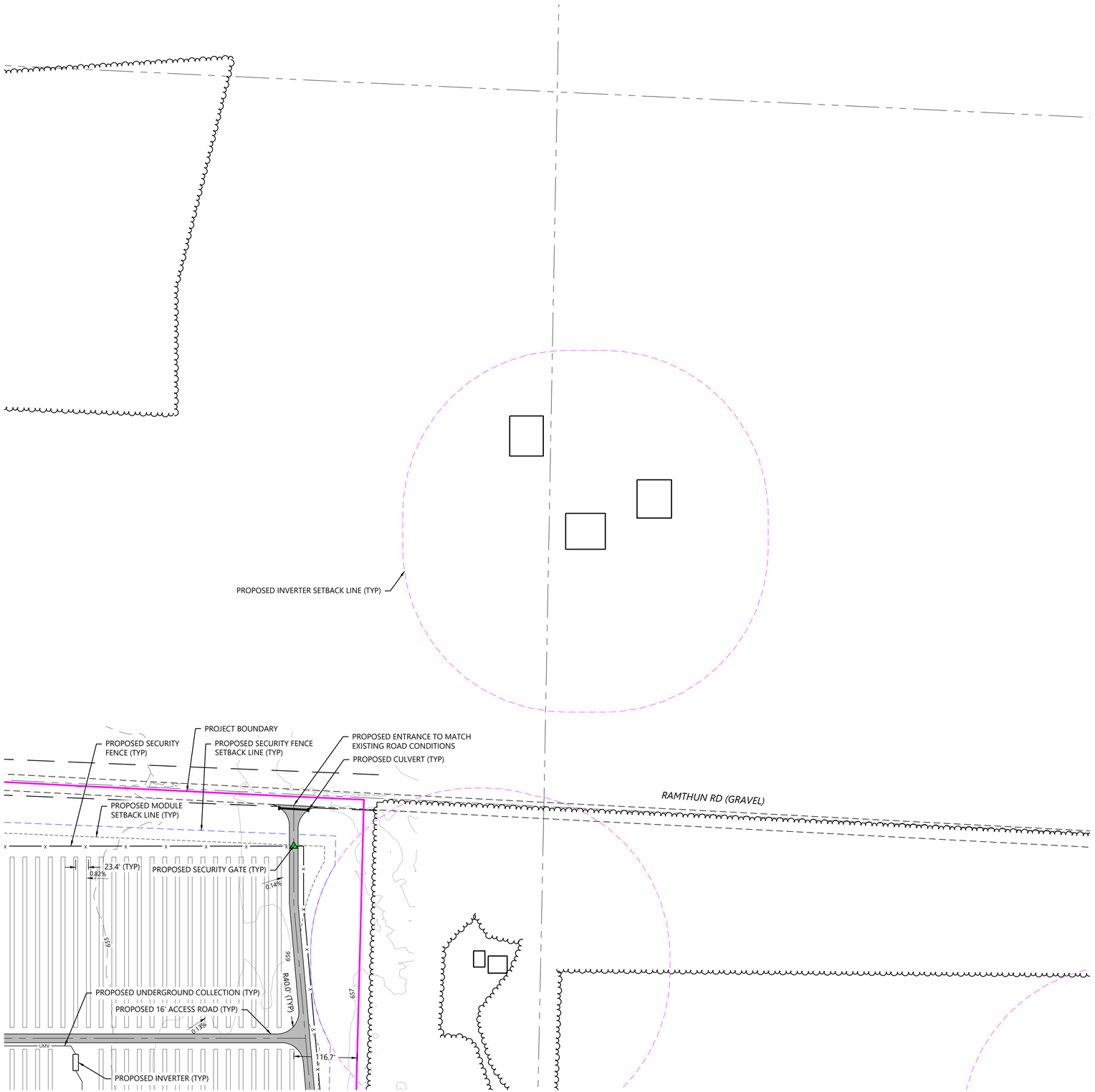
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C320

REV: D

N:\0030904.00-Gen_Civil\0030904-SP-01.dwg, 6/13/2025 12:23 PM Adrian Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
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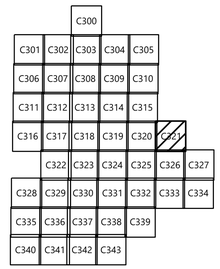

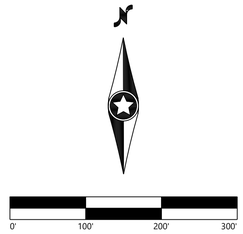

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 22

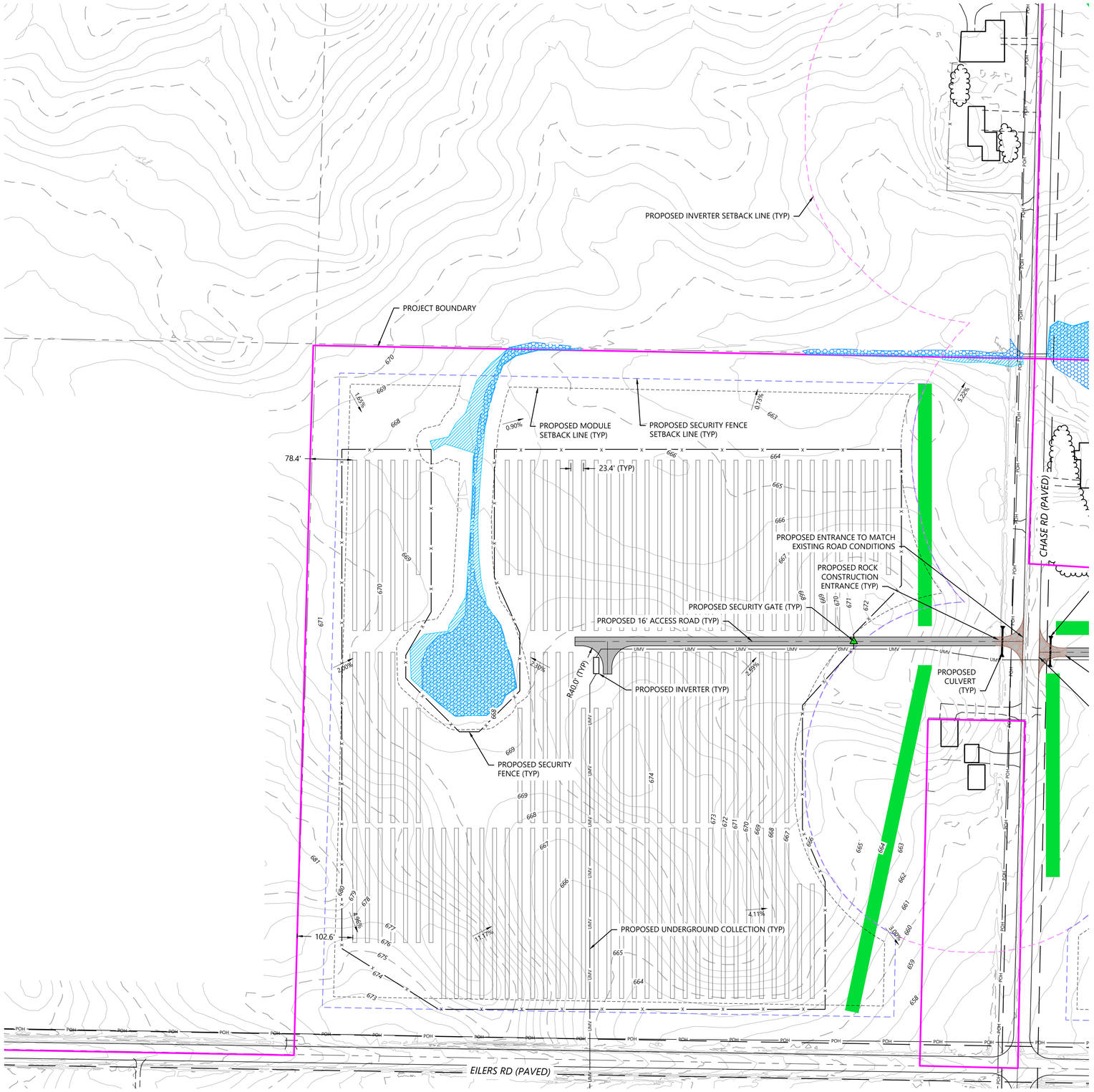
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C321

REV: D

N:\0035904.00\dwg_Civil\0035904.00-01.dwn, 6/13/2025 12:23 PM Adrian Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
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- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 23

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C322

REV: D

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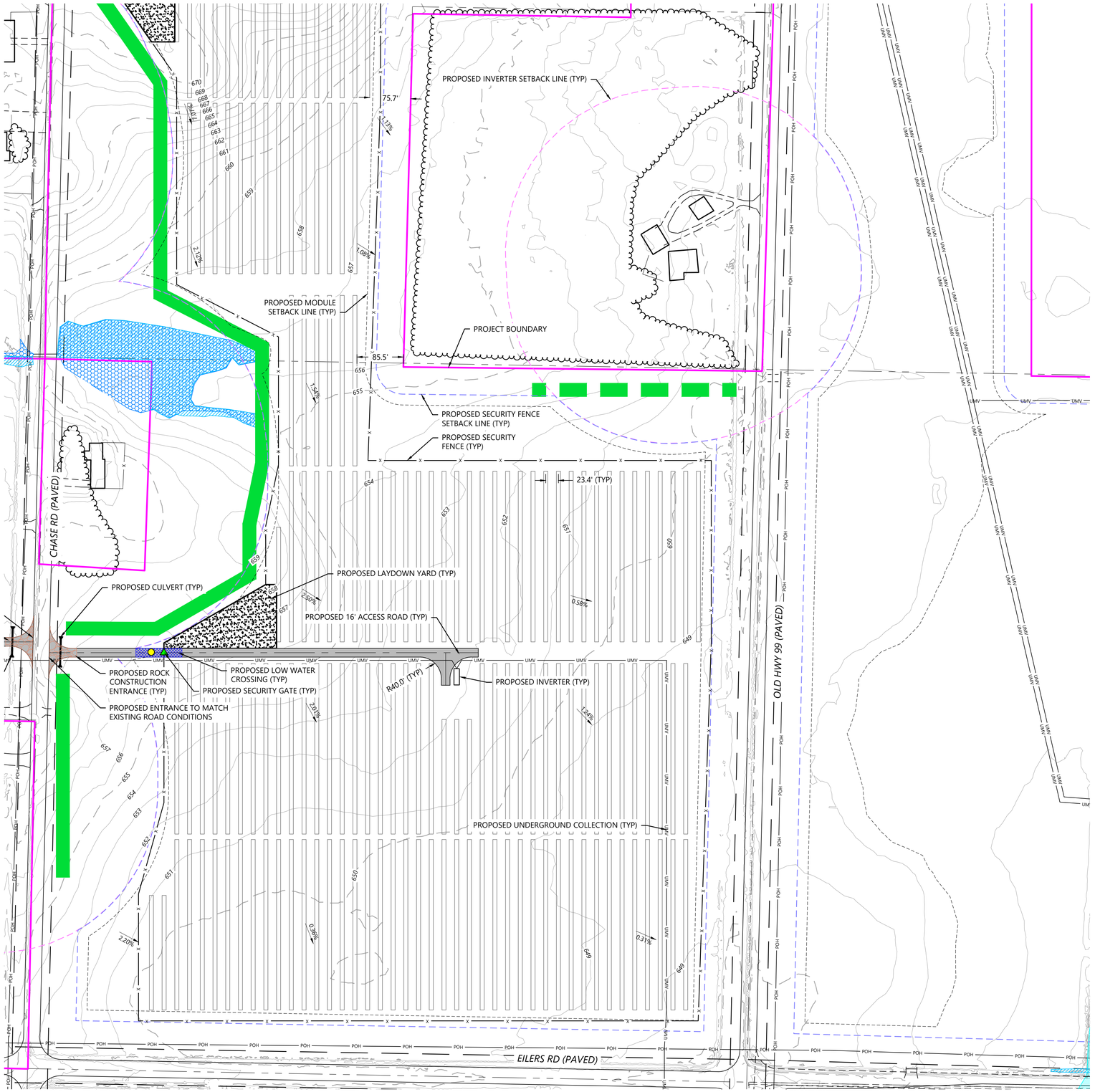

LEGEND:

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- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROPOSED CULVERT
- PROPOSED DRAINAGE CROSSING
- PROPOSED CONCRETE WASHOUT

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KEY MAP:

		C300				
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

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C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 24

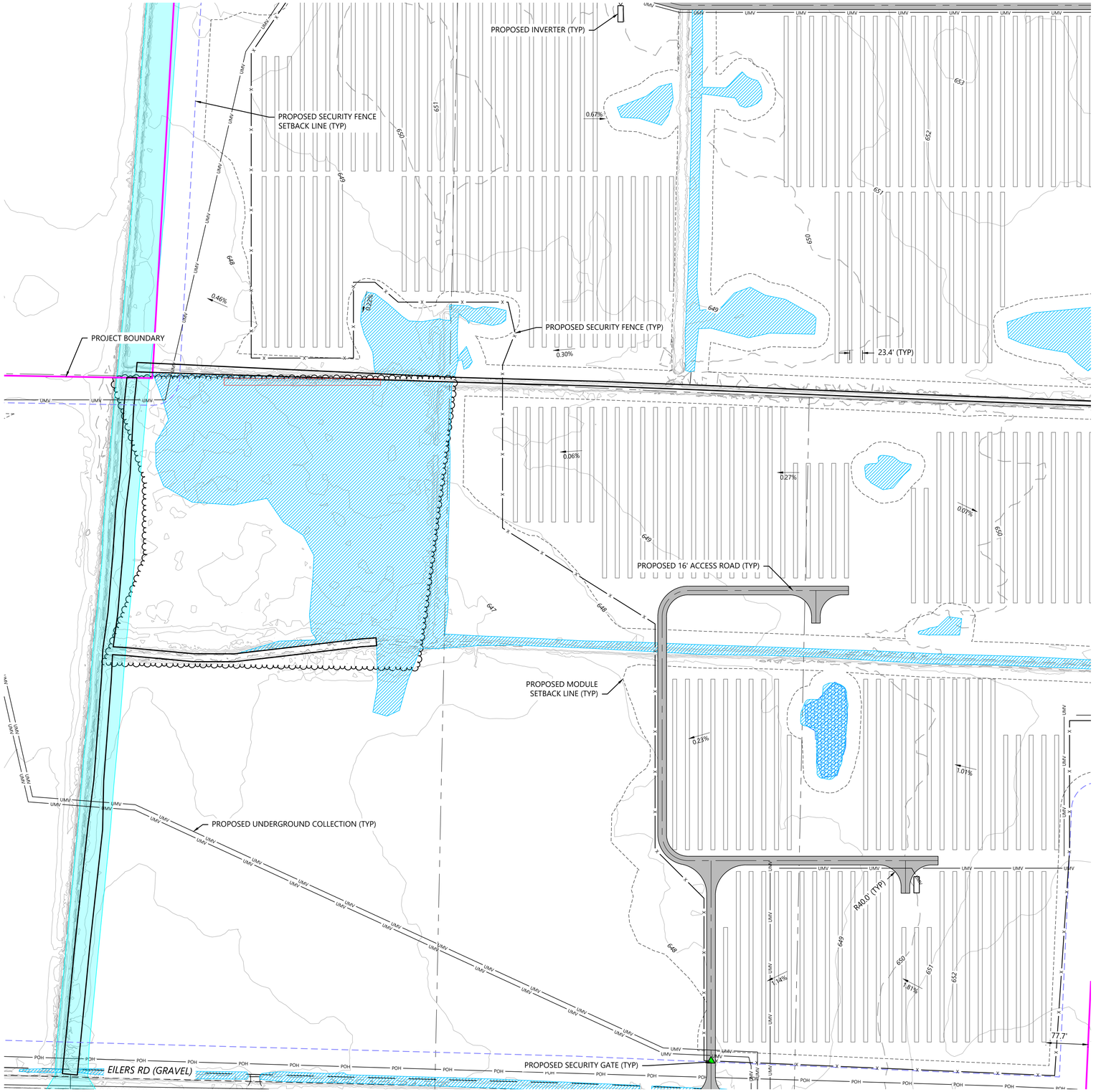
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C323

REV: D

N:\005\006\A.00-dwg_Civil\005006-SP-01.dwg, 6/11/2025 11:23 PM Adrian Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
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C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

0' 100' 200' 300'

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geronimo power

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 25

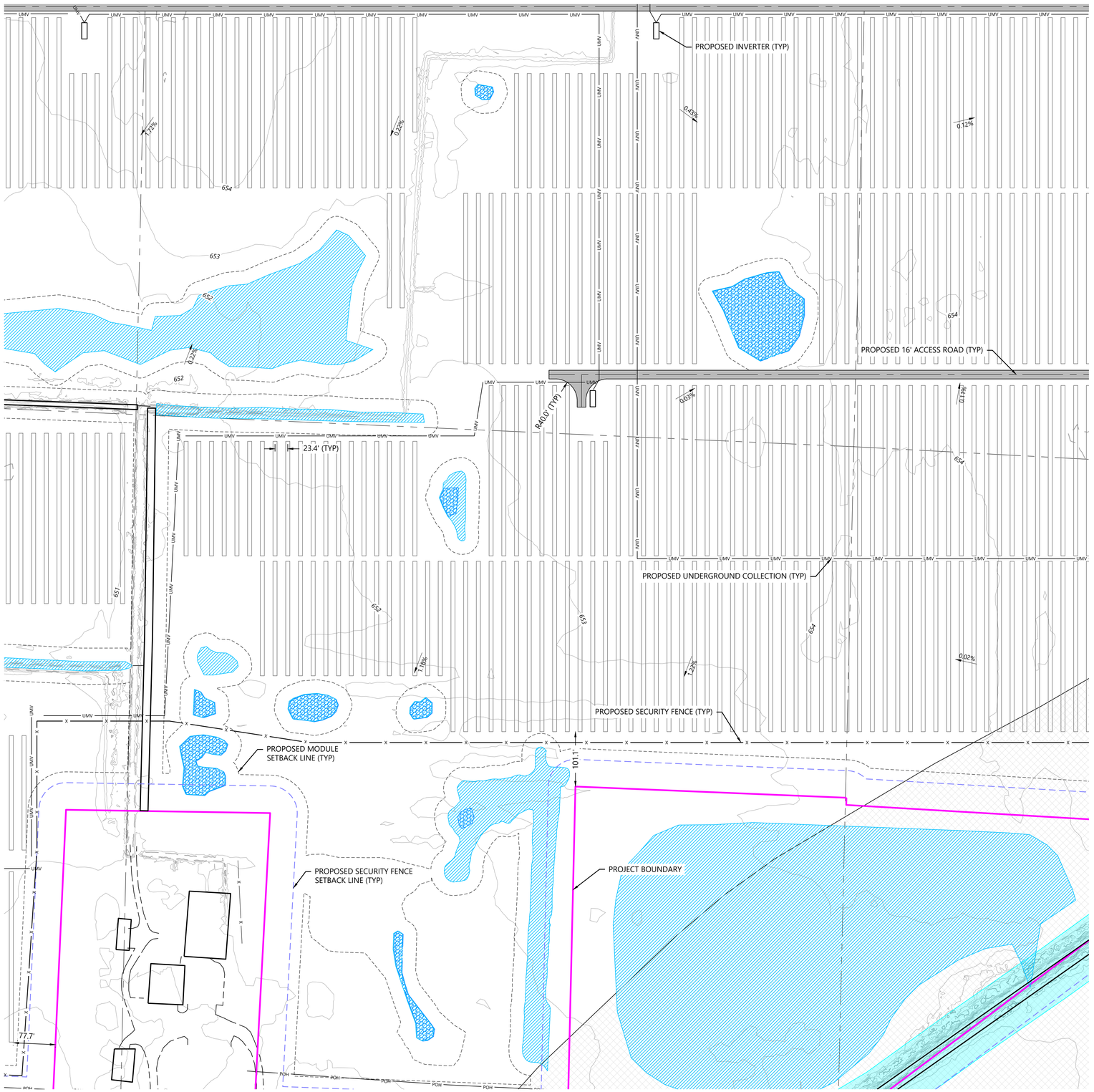
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C324

REV: D

N:\0010\004.05\dwg_Cad\0010004.05-01.dwg, 6/13/2025 12:23 PM, Alston Wismer



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
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- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 26

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C325

REV: D

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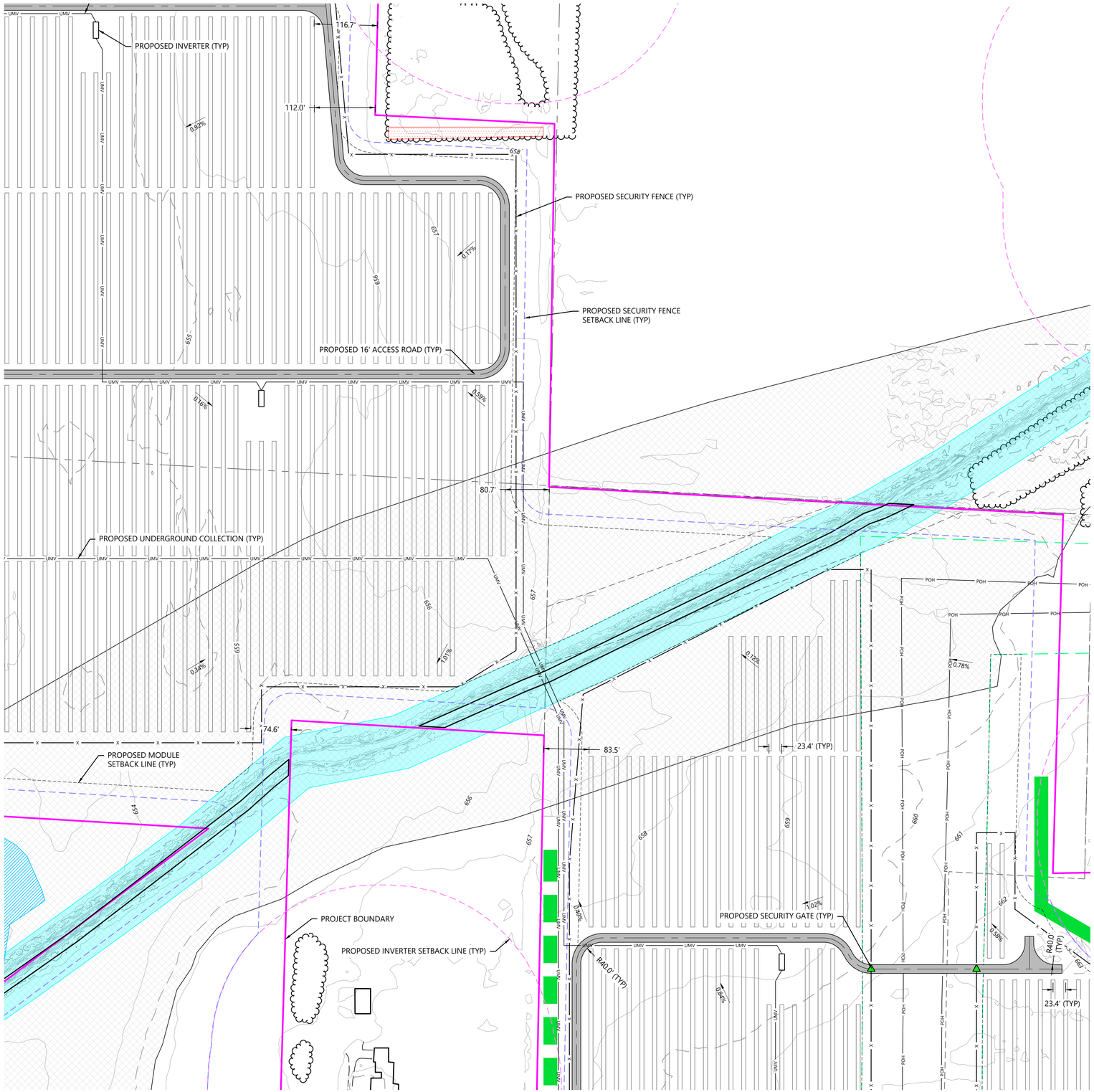

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
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- EX. REGULATED WETLAND
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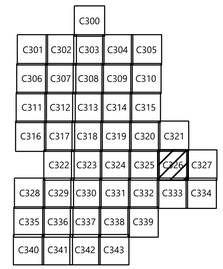

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 27

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C326

REV: D

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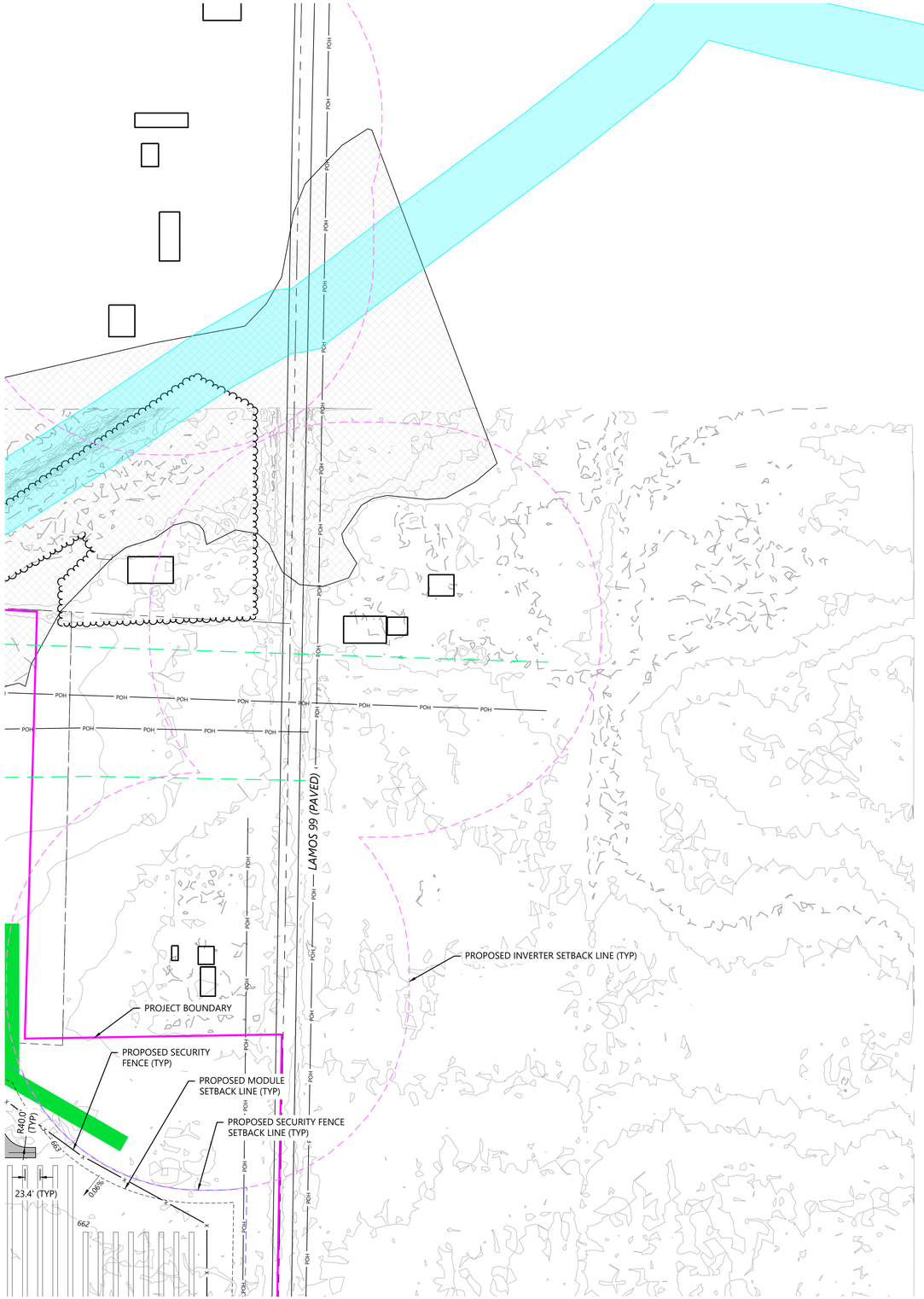

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- 900 EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- X EX. FENCE
- STO EX. CULVERT
- POH EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- UMV PROPOSED UNDERGROUND COLLECTION
- OMV PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- X PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
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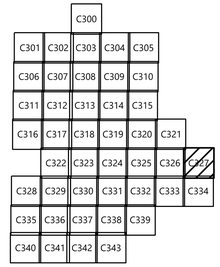

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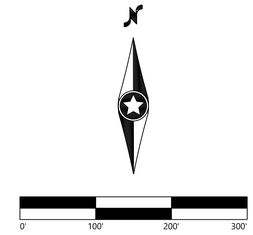


Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 28

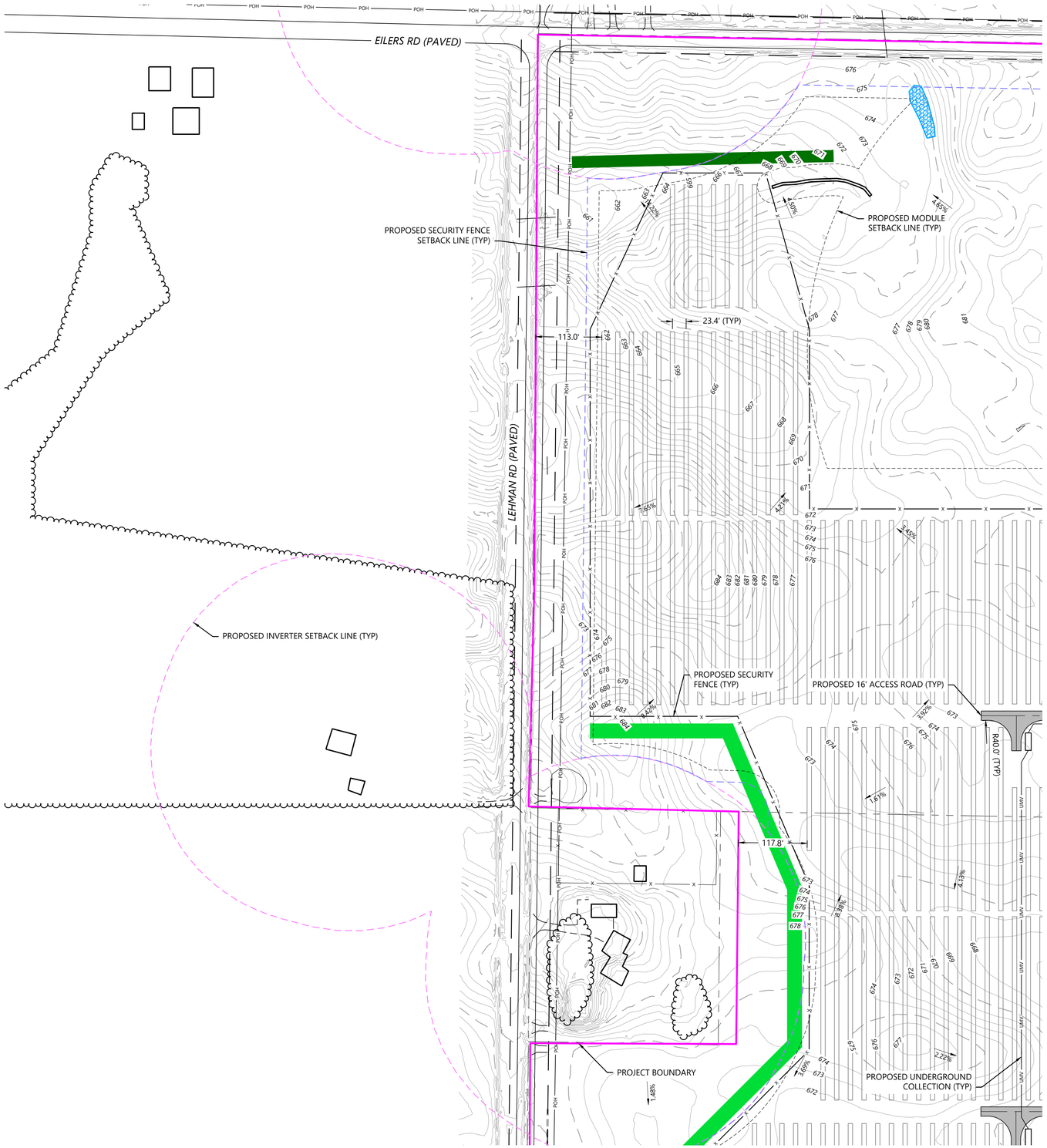
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C327

REV: D

N:\00\00904.00\dwg_Cad\00904.00-01.dwg, 6/13/2025 1:2:24 PM, Allison Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
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- EX. STRUCTURE
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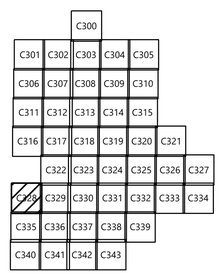

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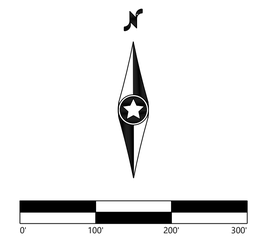

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 29

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C328

REV: D

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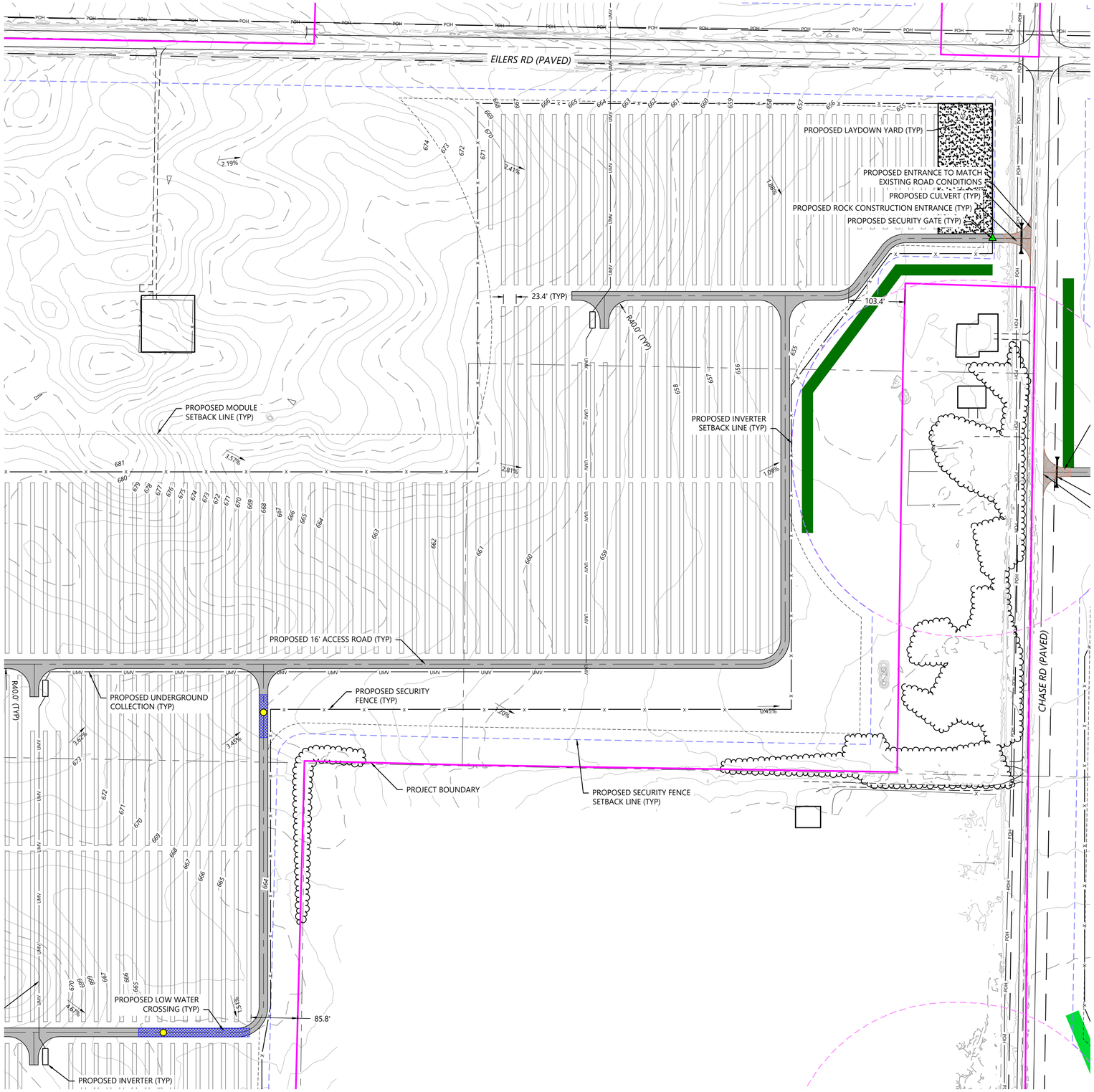

LEGEND:

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- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROPOSED CULVERT
- PROPOSED DRAINAGE CROSSING
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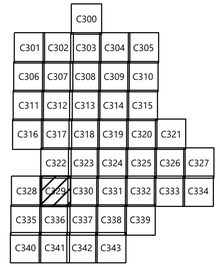
KEY MAP:



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PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 30

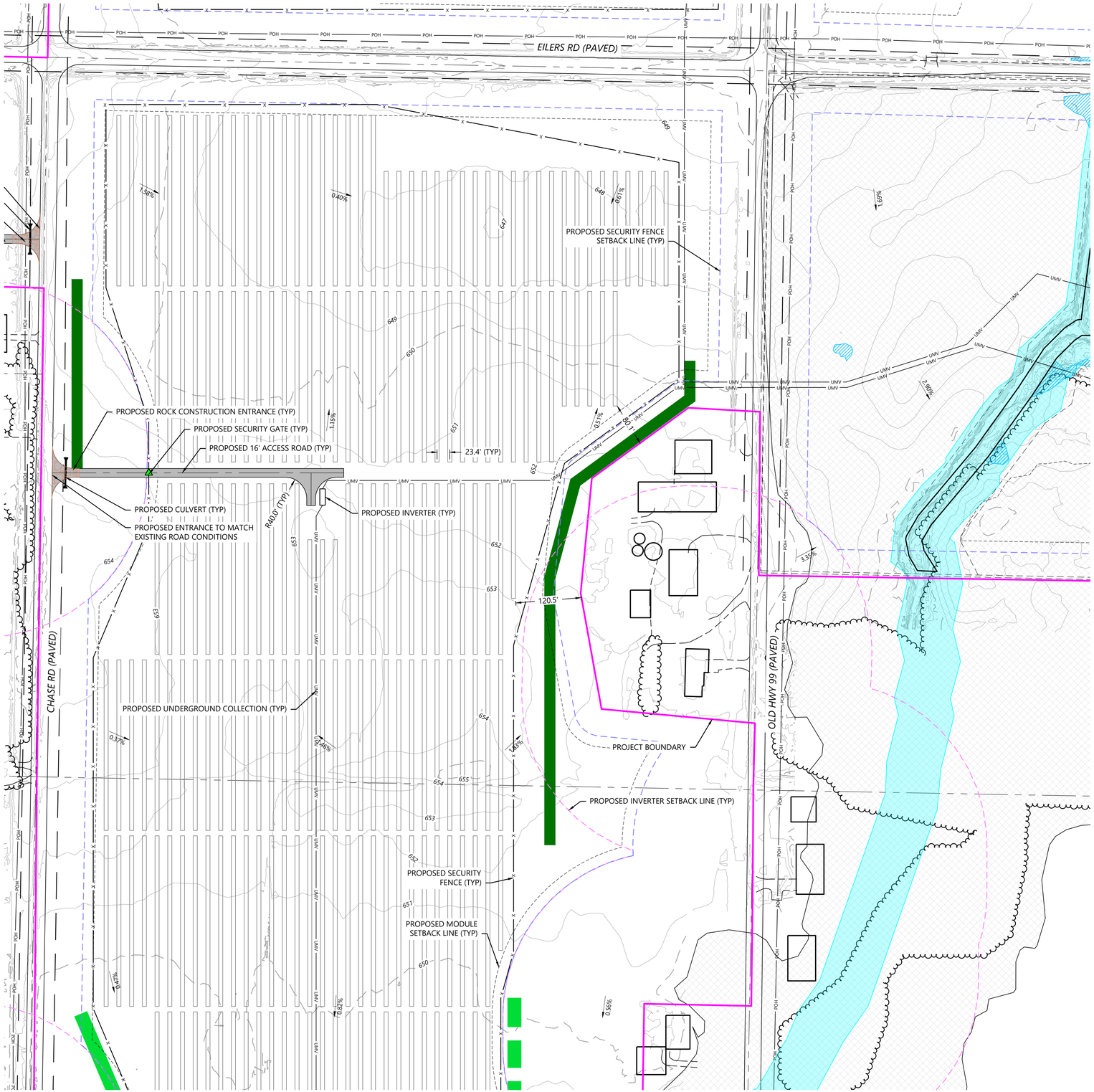
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C329

REV: D

N:\005\006A.00.dwg, Civil\005006A-SP-01.dwg, 6/11/2025 11:24 AM Adrian Wisner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
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- EX. FENCE
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- EX. OVERHEAD POWER
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- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
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- FEMA FLOOD ZONE
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- PROPOSED ELECTRICAL EQUIPMENT
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- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
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C306	C307	C308	C309	C310		
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	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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BLOOMINGTON, MN 55437

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D	06/13/2025	Revised Permit Plans	AW	BV	BV

0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 31

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C330

REV: D

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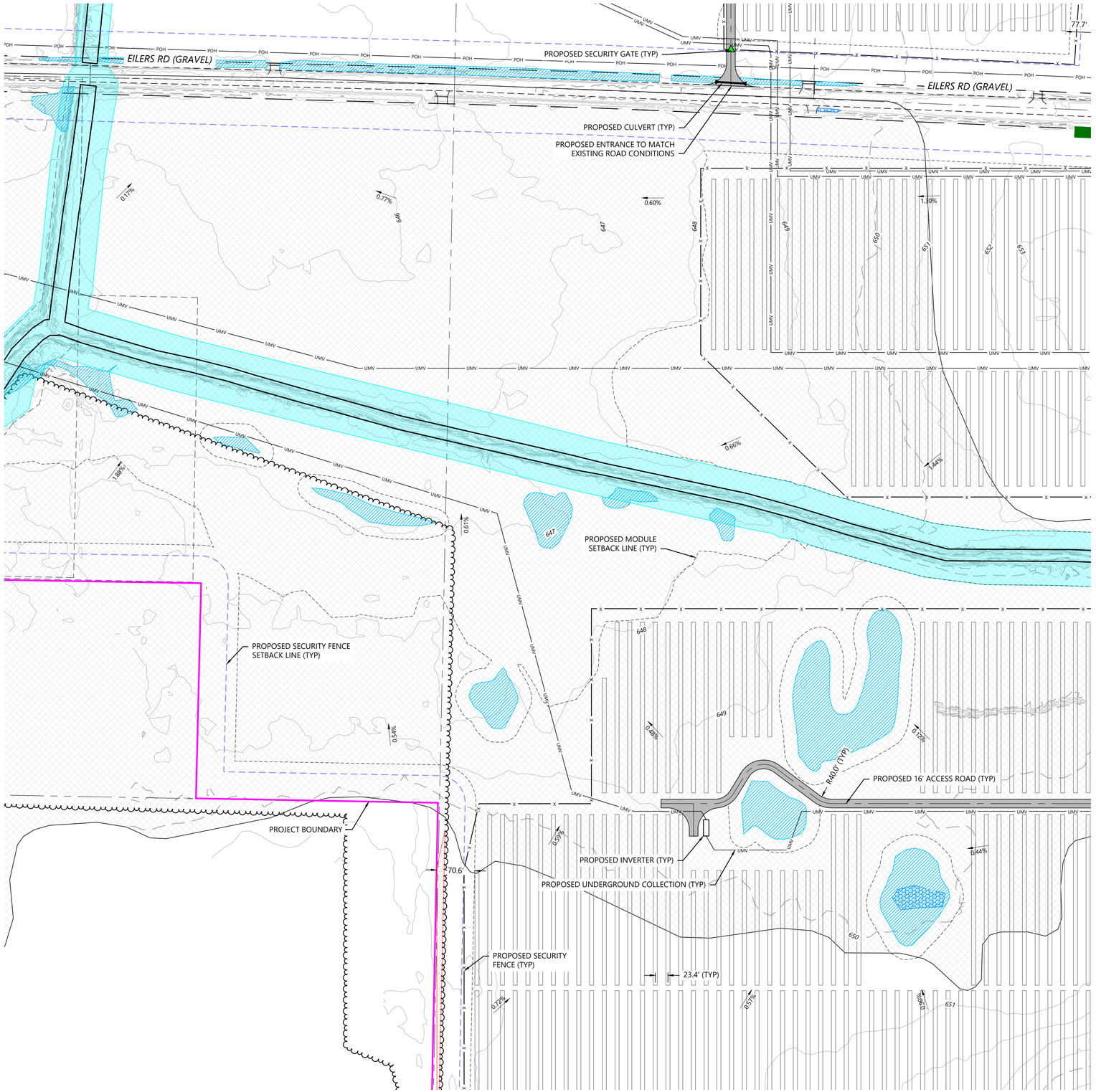

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
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- PIERSON SWAMP DRAIN
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C335	C336	C337	C338	C339		
C340	C341	C342	C343			

0' 100' 200' 300'

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 32

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C331

REV: D

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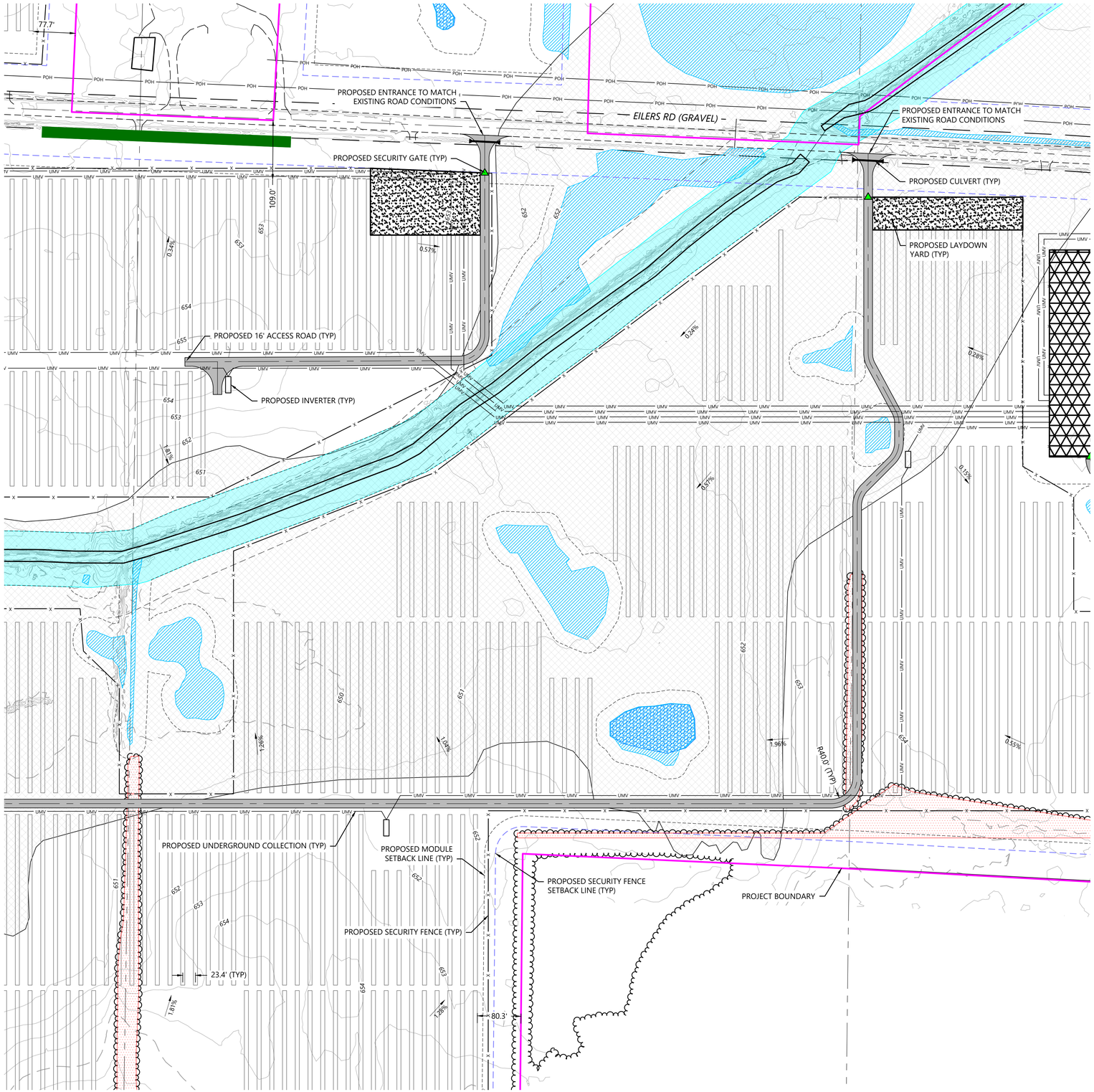

LEGEND:

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- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 33

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C332

REV: D

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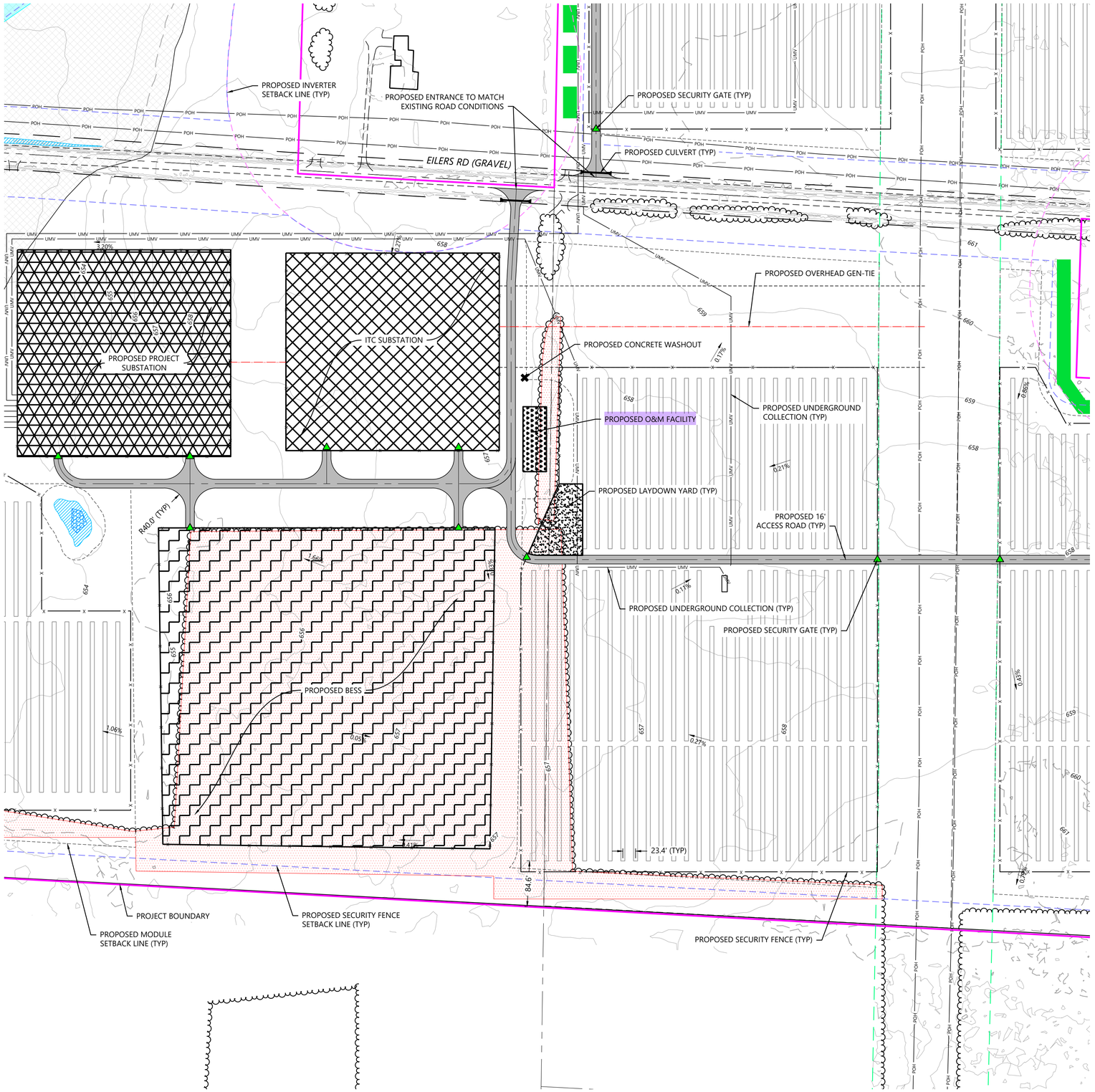

LEGEND:

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 34

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C333

REV: D

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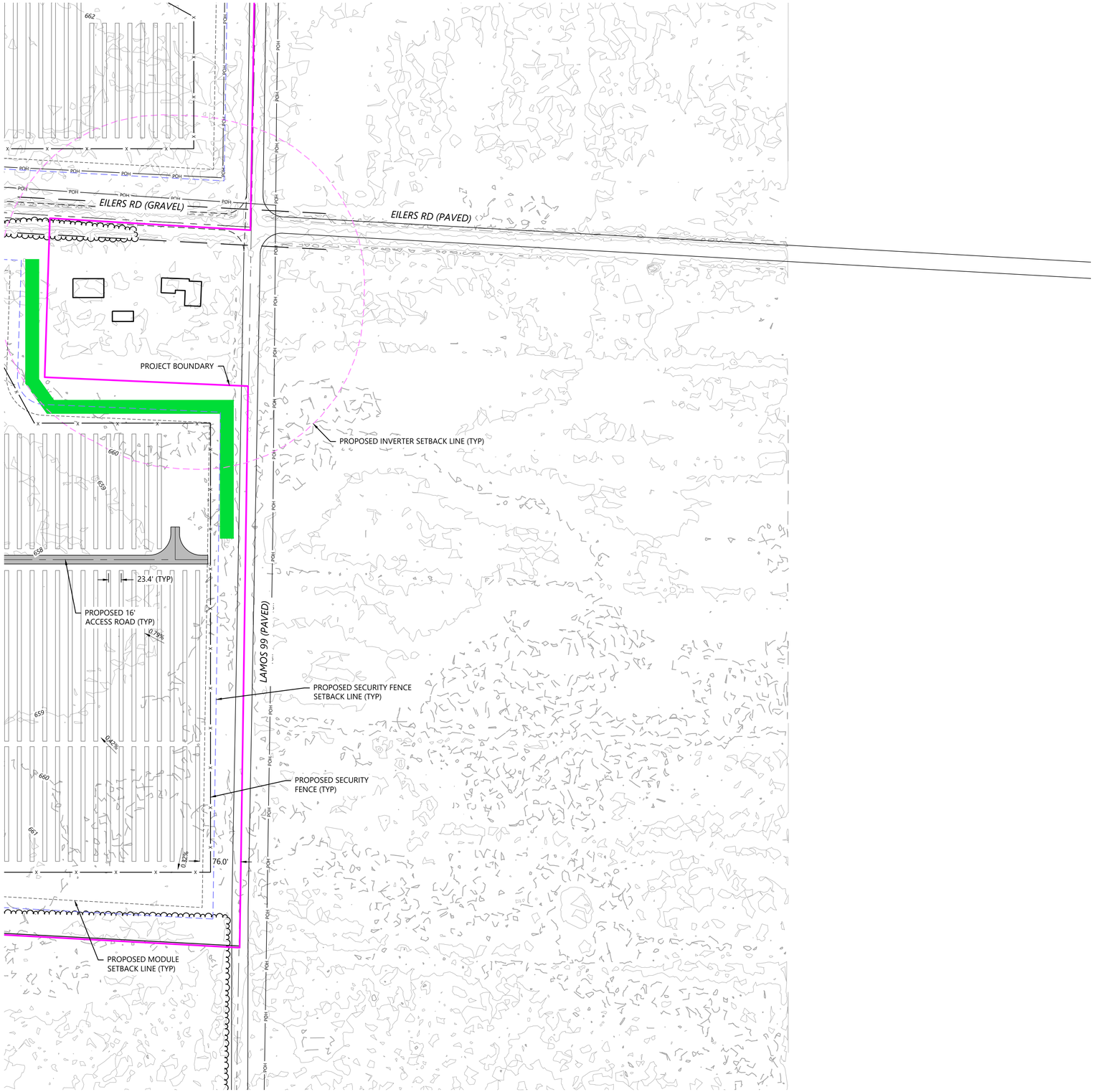

LEGEND:

- PROJECT BOUNDARY
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- EASEMENT LINES
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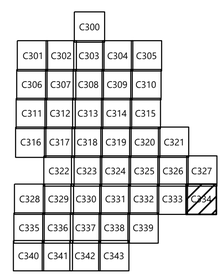

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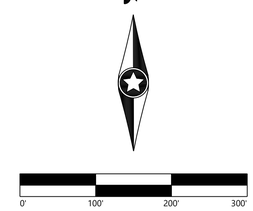

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 35

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C334

REV: D

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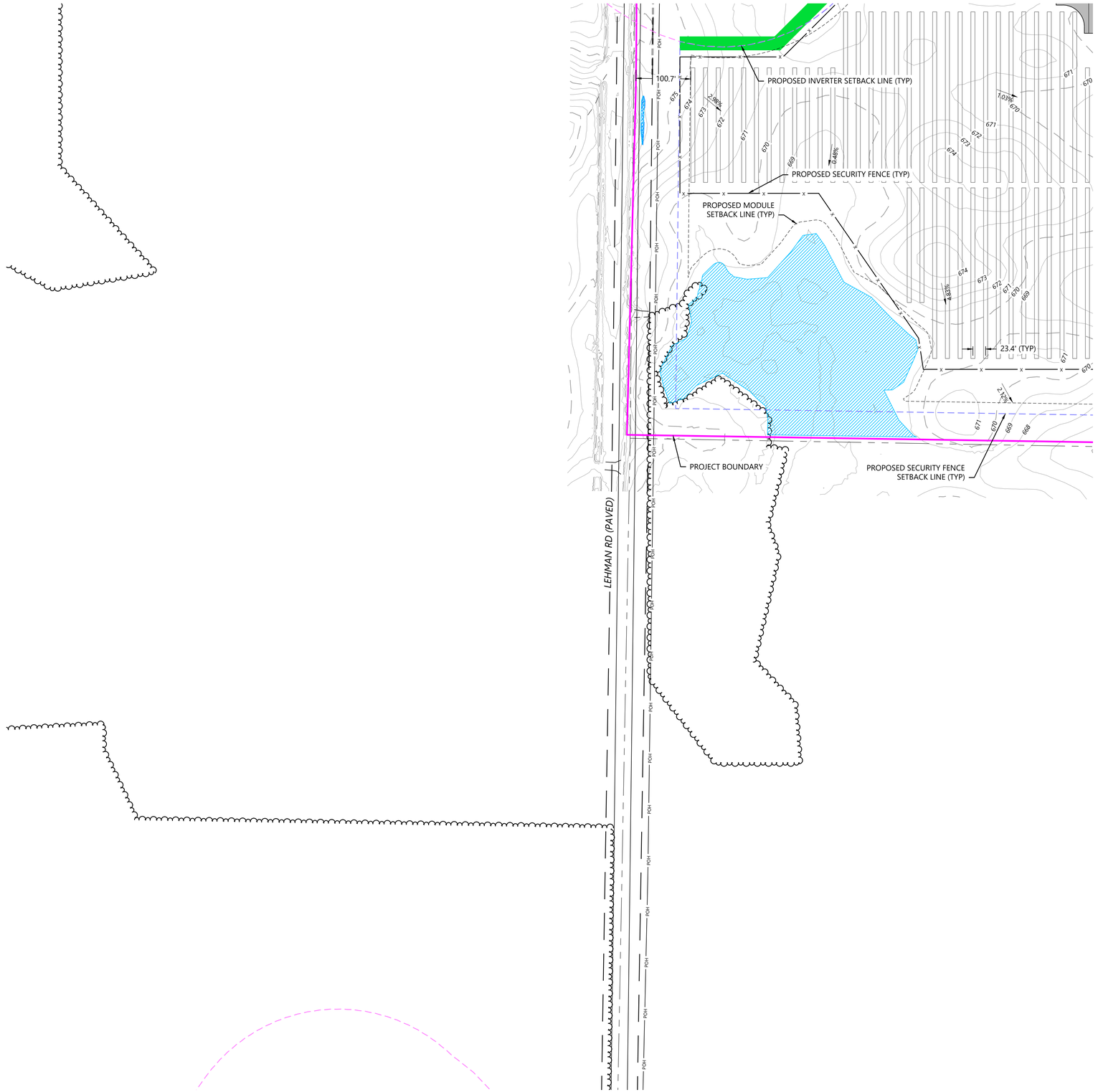

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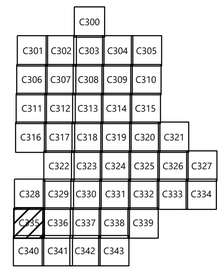
KEY MAP:



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Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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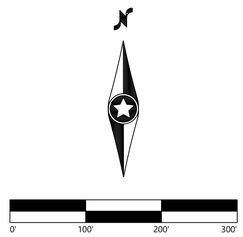
D	06/13/2025	Revised Permit Plans	AW	BV	BV



Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 36

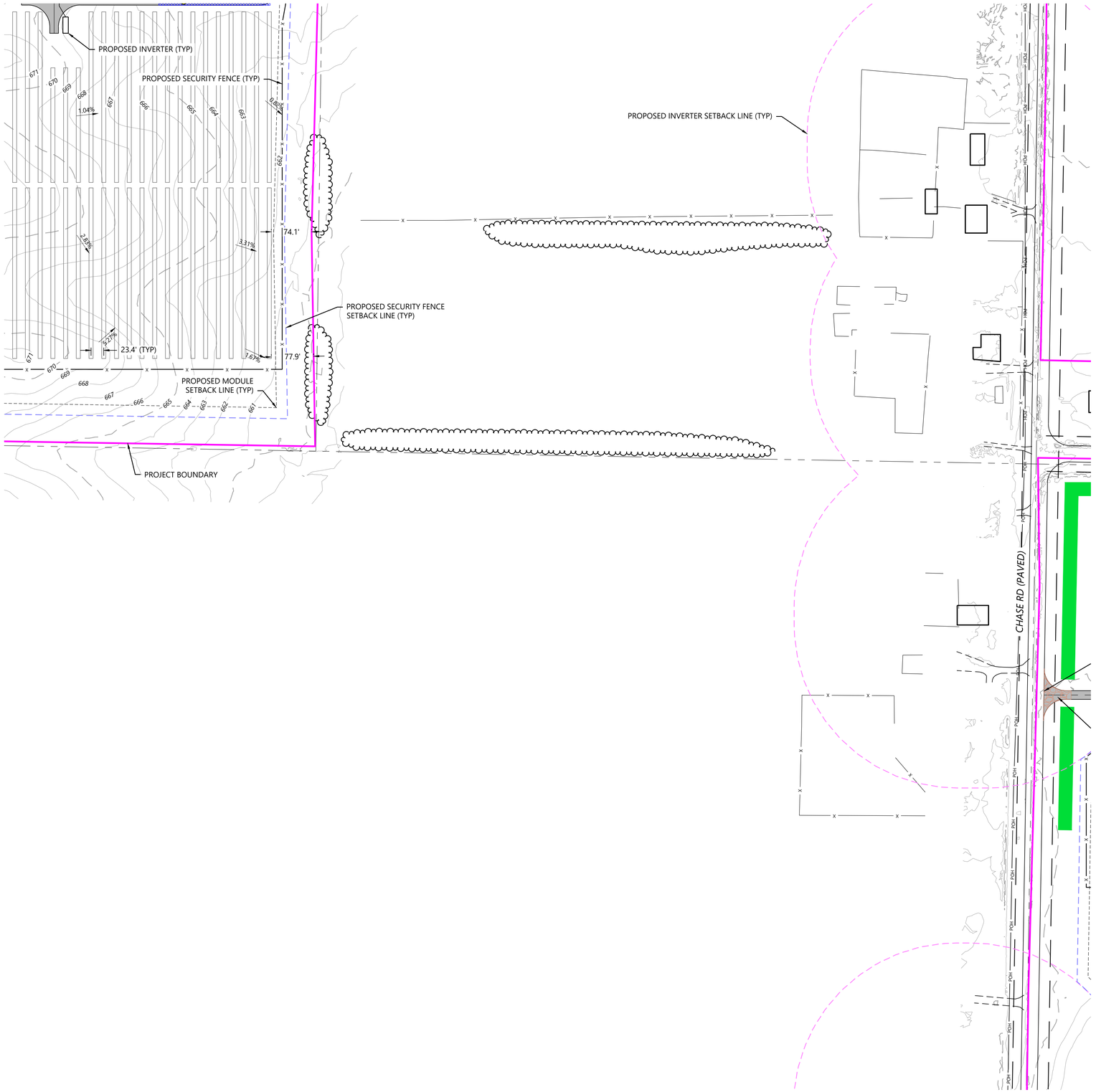
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C335

REV: D

N:\0026904.00\Dwg_Civil\0026904_SP-01.dwg, 6/13/2025 1:23 PM, Adrian.Wagner



LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
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- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
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- PROPOSED UNDERGROUND COLLECTION
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- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
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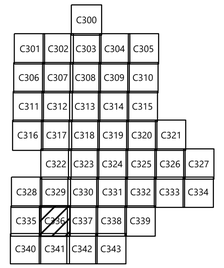

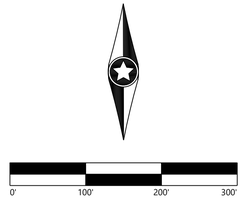

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 37

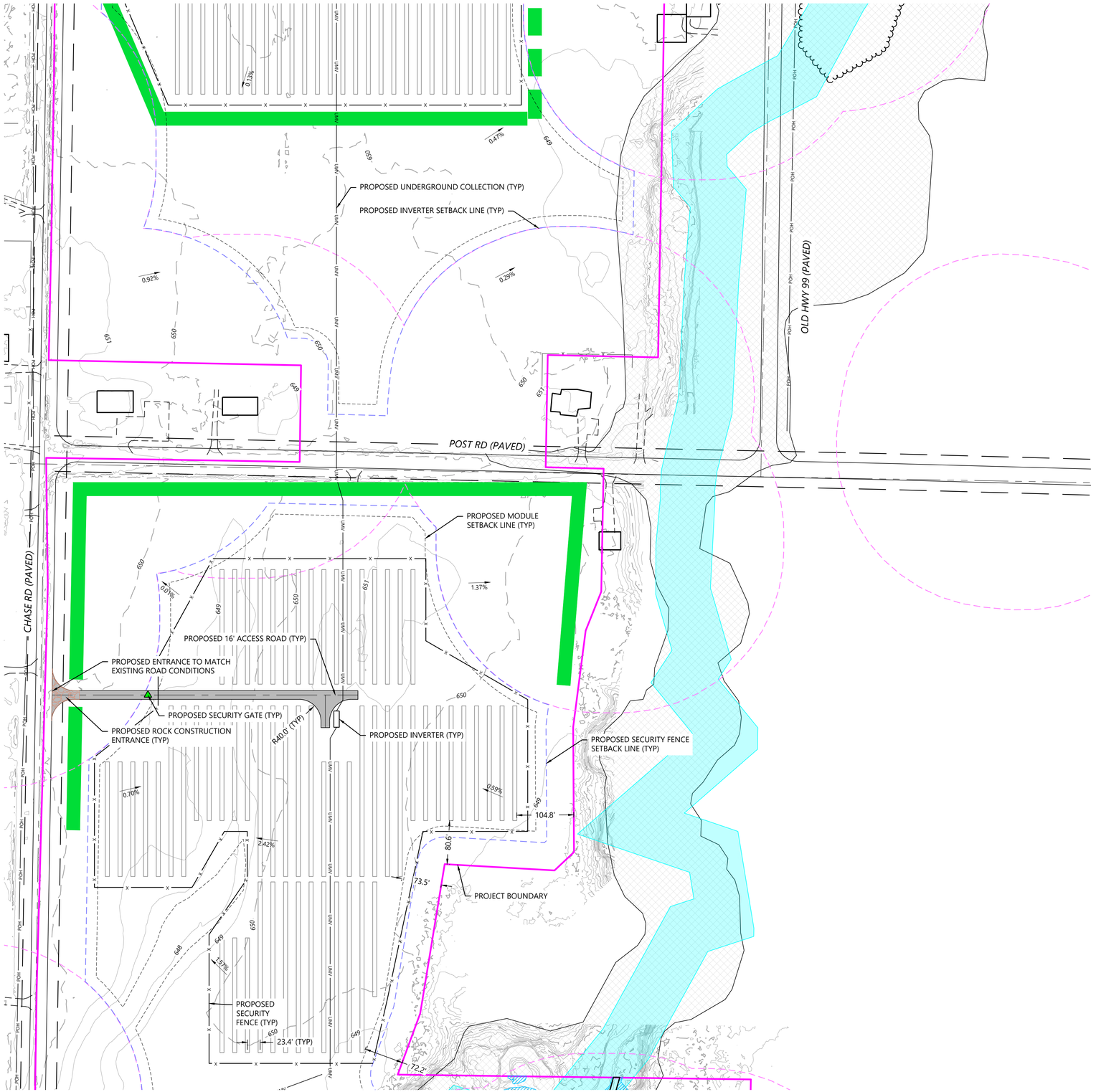
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C336

REV: D

N:\0035904.00-Geo_Civil\0035904.00-01.dwg, 6/13/2025 12:25 PM, Adrian Wisner



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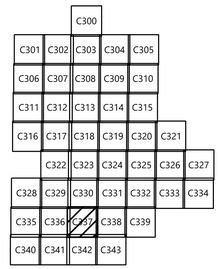

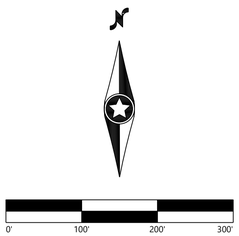

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 38

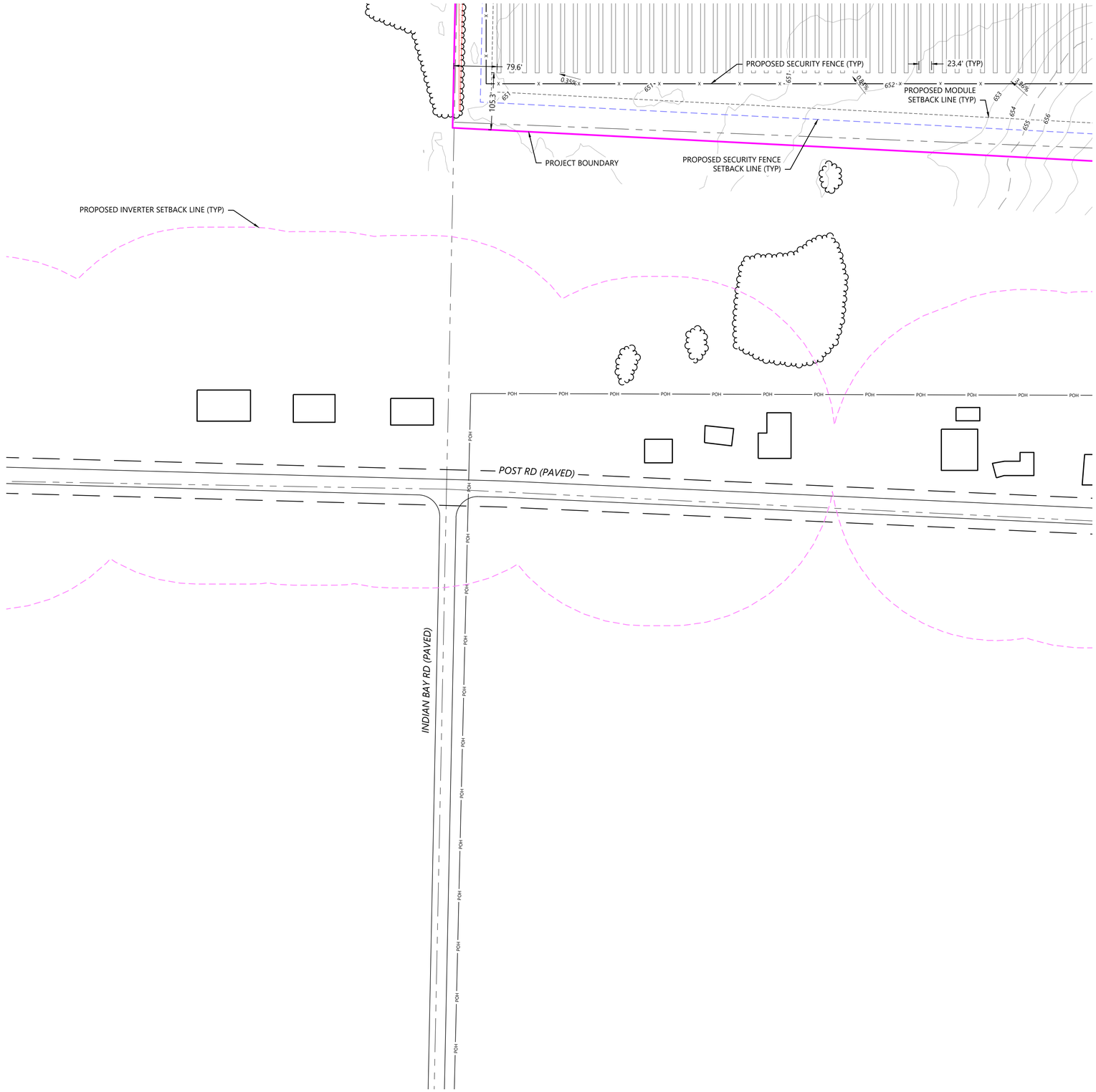
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C337

REV: D

N:\2025\004.05-Aery_Calif\2025004.05-01.dwg, 6/13/2025 12:25 PM, Alston Wisner



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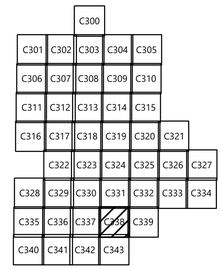

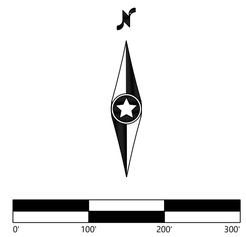

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 39

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C338

REV: D

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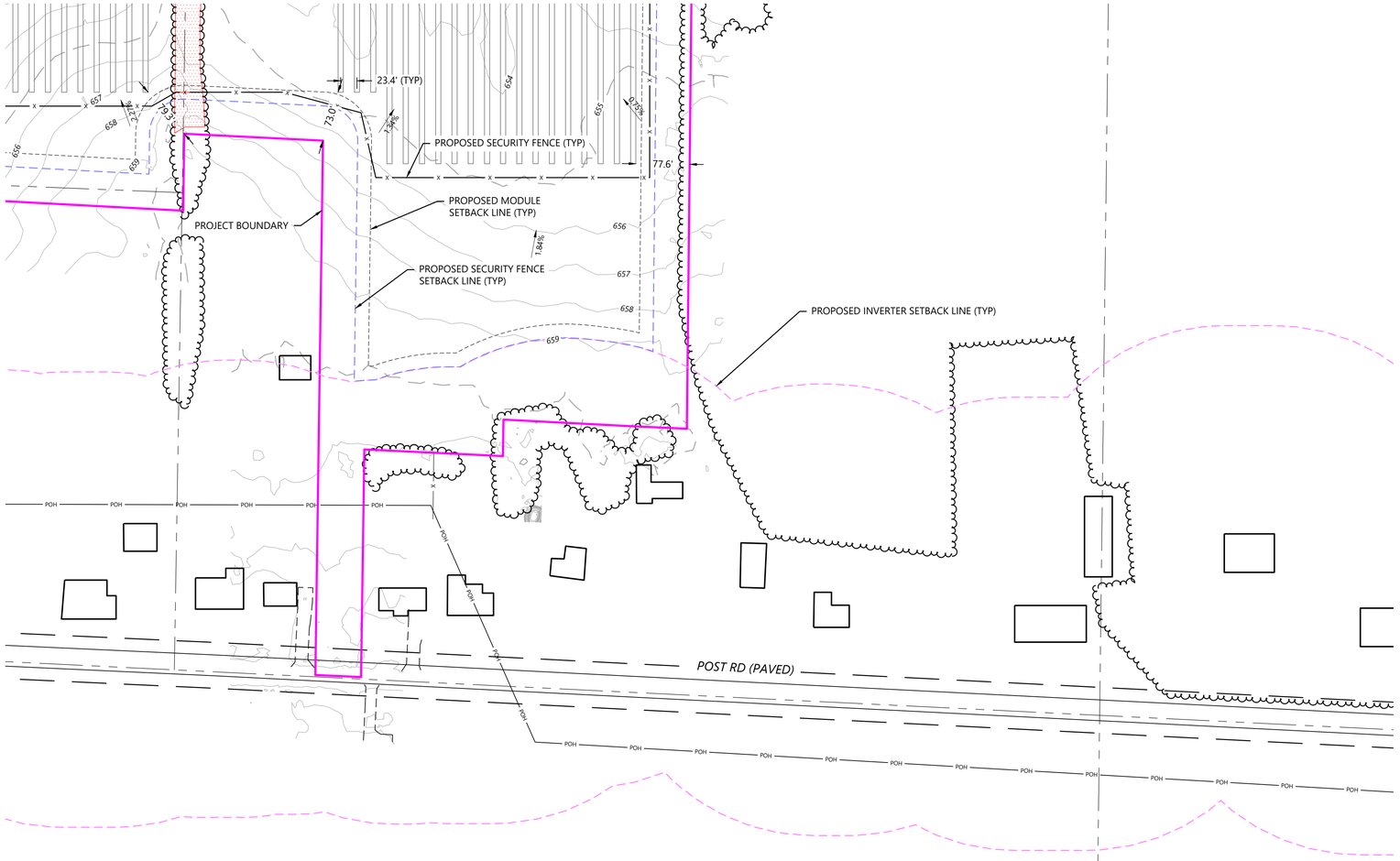

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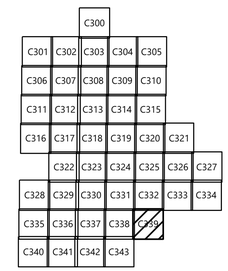

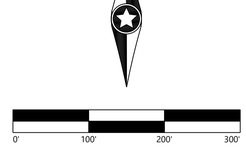

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 40

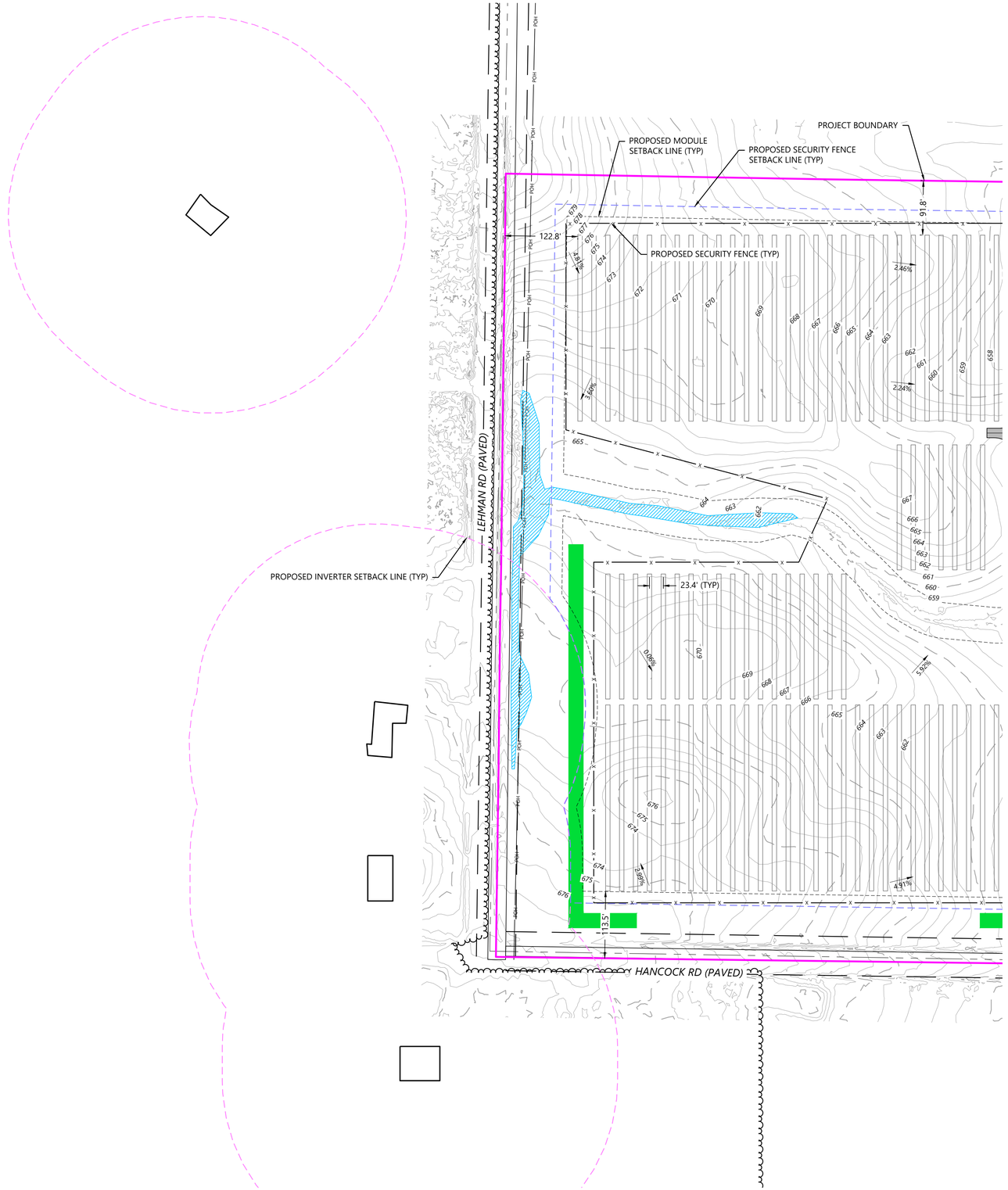
ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: C339

REV: D

N:\2025\904.00\Dwg_Civil\001\904_00-01.dwg, 6/13/2025 12:25 PM, Adrian Wagner



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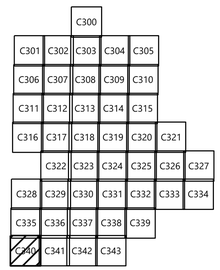

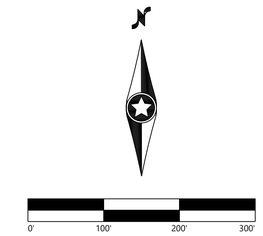

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 41

ISSUED FOR PERMIT
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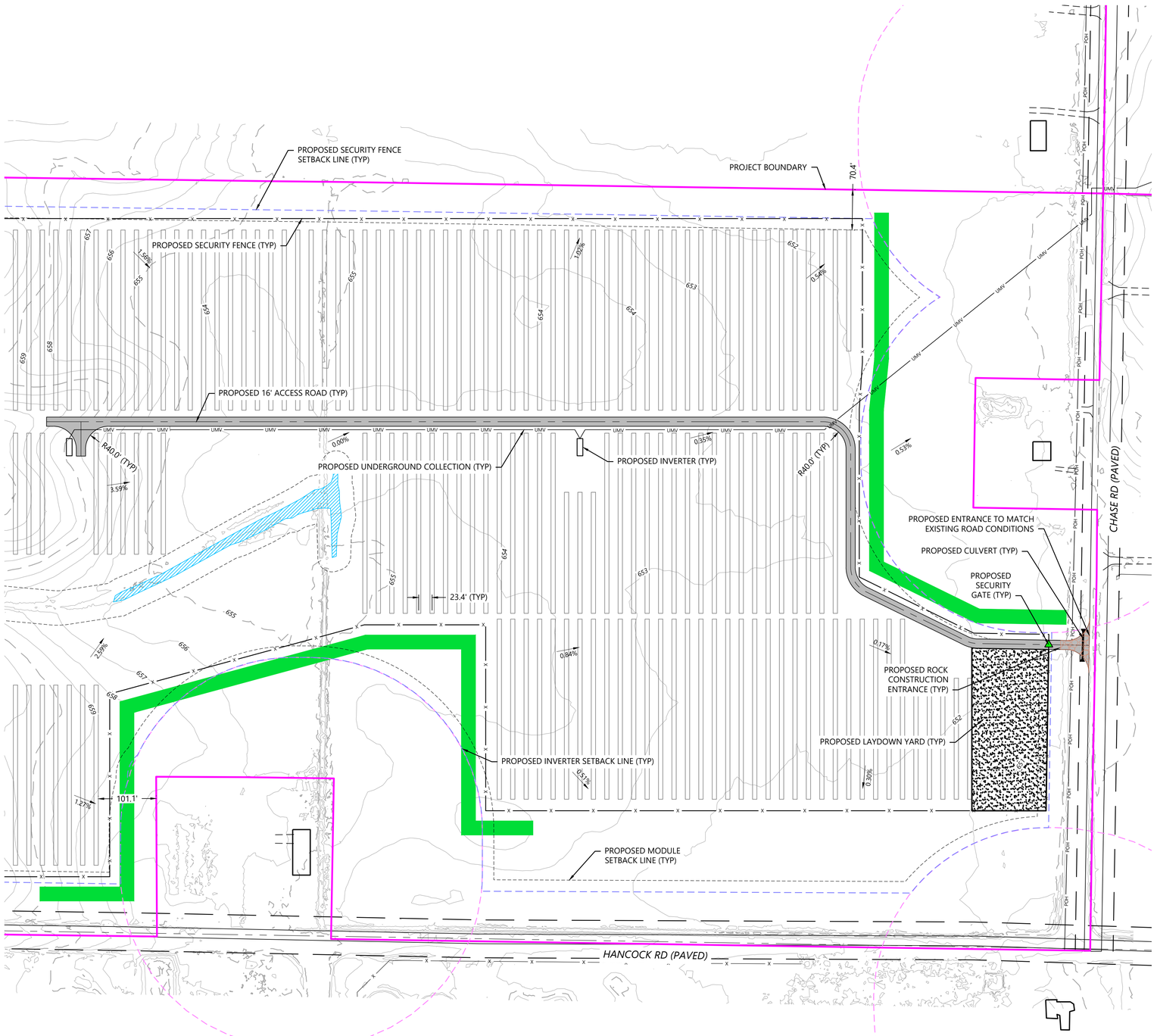
DATE: 06/13/2025

SHEET: C340

REV: D

N:\0036904.00\Acad_Civil\0036904.00.01.dwg, 6/13/2025 12:26 PM, Adrian Wagner



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- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- EX. NON-REGULATED WETLAND
- EX. REGULATED WETLAND
- PIERSON SWAMP DRAIN
- FEMA FLOOD ZONE
- PROPOSED SOLAR ARRAY
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED MODULE SETBACK
- PROPOSED INVERTER SETBACK
- PROPOSED SECURITY FENCE SETBACK
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD GEN-TIE
- PROPOSED EASEMENT
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED SECURITY FENCE GATE
- PROPOSED LAYDOWN YARD
- PROPOSED ITC SUBSTATION
- PROPOSED PROJECT SUBSTATION
- PROPOSED BESS
- PROPOSED O&M BUILDING
- VEGETATION TO BE REMOVED
- PROPOSED LOW WATER CROSSING
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED VEGETATION SCREENING - TYPE 1
- PROPOSED VEGETATION SCREENING - TYPE 2
- SUGGESTED ADDITIONAL SCREENING BUFFER
- PROPOSED CULVERT
- PROPOSED DRAINAGE CROSSING
- PROPOSED CONCRETE WASHOUT

NOTES:

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3. SEE SHEETS C700 - L100 FOR SITE DETAILS, FENCING DETAILS, ROAD SECTION DETAILS, AND LANDSCAPE DETAILS.
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5. FURTHER DESIGN REQUIRED TO SHOW PROPOSED GRADING DISTURBANCE AREAS AND ADDITIONAL EROSION CONTROL BMPs.

KEY MAP:

		C300				
C301	C302	C303	C304	C305		
C306	C307	C308	C309	C310		
C311	C312	C313	C314	C315		
C316	C317	C318	C319	C320	C321	
	C322	C323	C324	C325	C326	C327
C328	C329	C330	C331	C332	C333	C334
C335	C336	C337	C338	C339		
C340	C341	C342	C343			

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Westwood Professional Services Michigan, LLC

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geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

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0' 100' 200' 300'

Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 42

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DATE: 06/13/2025

SHEET: C341

REV: D

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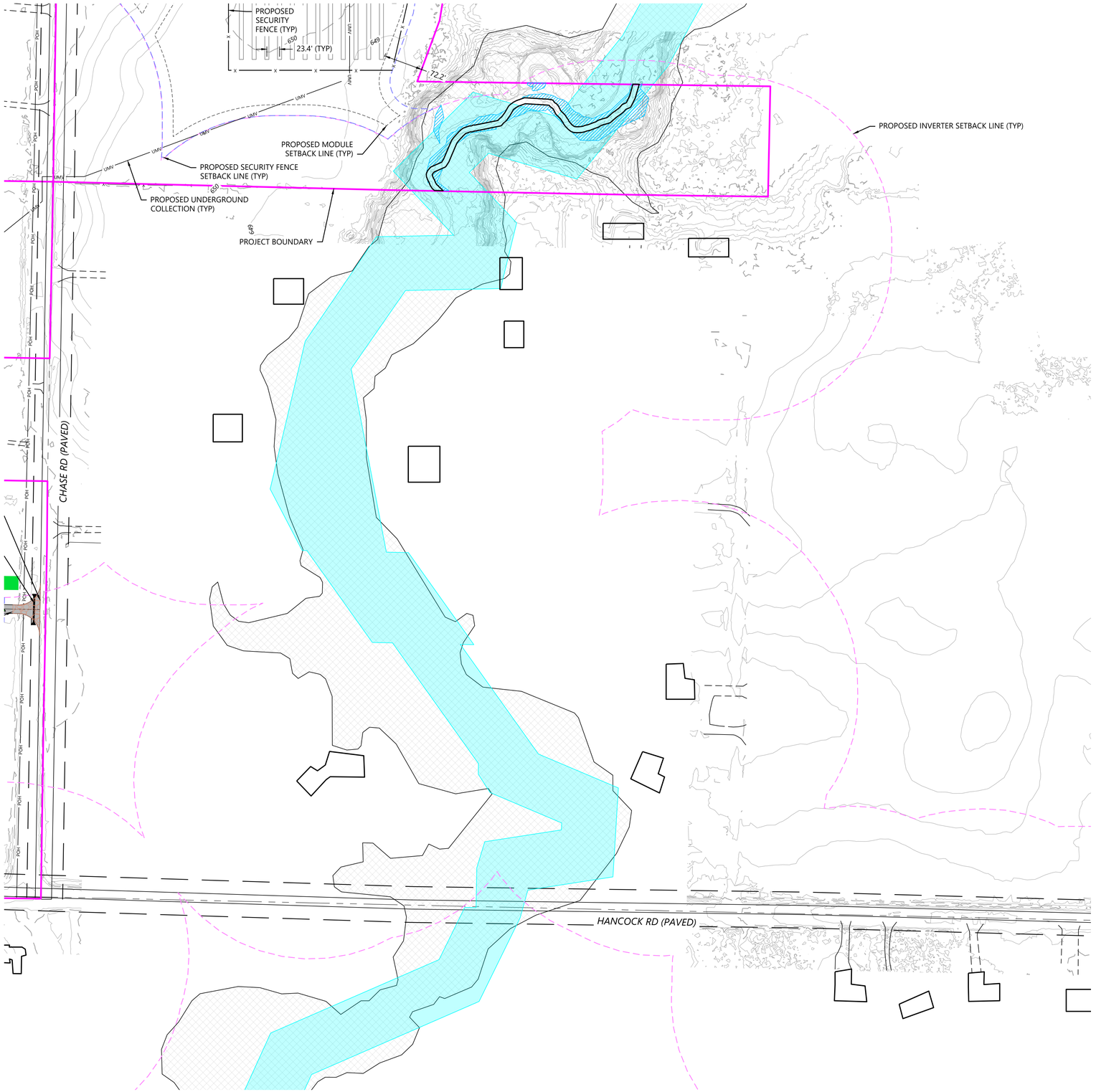

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. STRUCTURE
- EX. TREELINE
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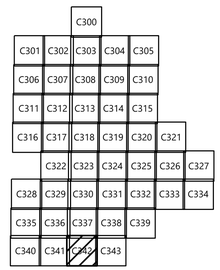

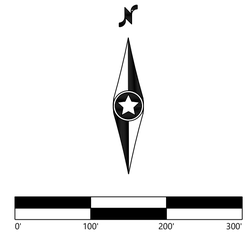

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 43

ISSUED FOR PERMIT
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LEGEND:

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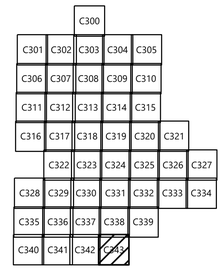

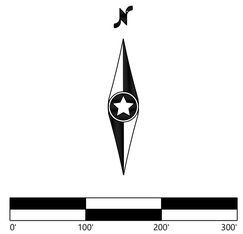

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Lakeside Solar, LLC

Muskegon County, Michigan

Civil Site Plan - 44

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DATE: 06/13/2025

SHEET: C343

REV: D

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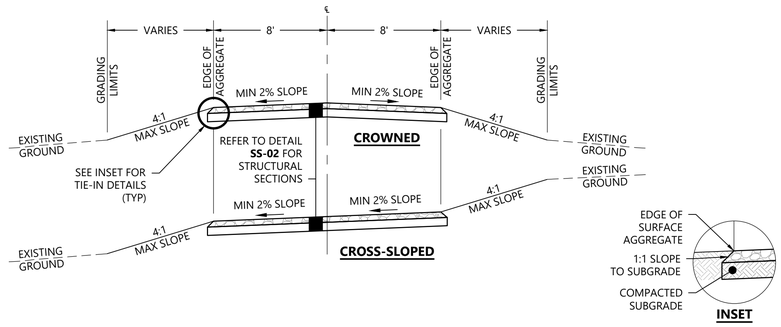
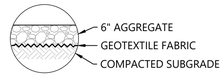


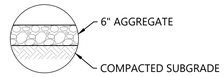
NOTES:

1. ENSURE THAT ROADS REMAIN WELL-DRAINED.
2. CONSTRUCT CROSS-SLOPE WHERE ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
3. SLOPES SHOWN ARE TYPICAL. SOME ROAD LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
4. ALL DISTURBED GROUND NOT COVERED WITH AGGREGATE SHALL BE STABILIZED PER THE NPDES PERMIT.

Westwood	TYPICAL ACCESS ROAD	RD-05
	NOT TO SCALE	



ACCESS ROAD SECTION

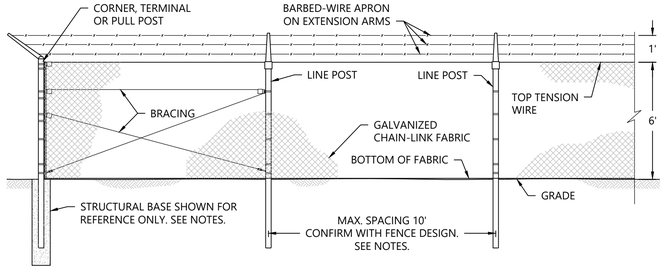


TEMPORARY LAYDOWN SECTION

NOTES:

1. REFER TO CONSTRUCTION SPECIFICATIONS, AGGREGATE REQUIREMENTS, AND TESTING REQUIREMENTS.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.
3. CROSS SECTIONS ARE PRELIMINARY AND TYPICAL ASSUMPTIONS, SUBJECT TO CHANGE WITH SITE SPECIFIC GEOTECHNICAL REPORT.

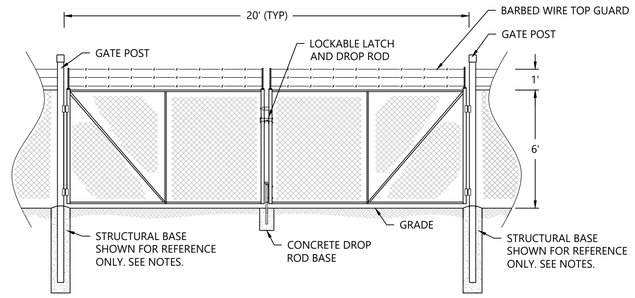
Westwood	STRUCTURAL CROSS SECTIONS	SS-02
	NOT TO SCALE	



NOTES:

1. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
2. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
3. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
4. FENCE AND GATE TYPE TO BE APPROVED BY OWNER PRIOR TO CONSTRUCTION.
5. REFER TO ELECTRICAL PLANS FOR GROUNDING REQUIREMENTS.

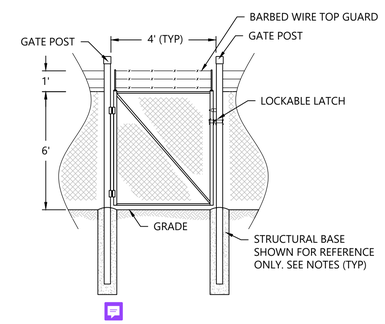
Westwood	CHAIN-LINK SECURITY FENCE	FN-01
	NOT TO SCALE	



NOTES:

1. SEE NOTES ON DETAIL **FN-01**.

Westwood	CHAIN-LINK SECURITY VEHICLE GATE	FN-02
	NOT TO SCALE	



NOTES:

1. SEE NOTES ON DETAIL **FN-01**.

Westwood	CHAIN-LINK SECURITY PERSONNEL GATE	FN-03
	NOT TO SCALE	

Westwood

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Lakeside Solar, LLC

Muskegon County, Michigan

Construction Details

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DATE: 06/13/2025

SHEET: C700

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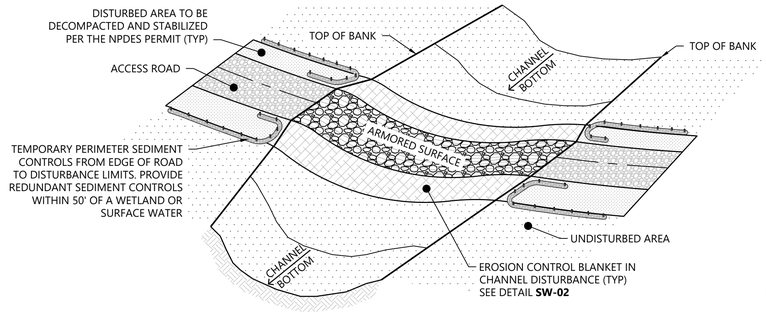
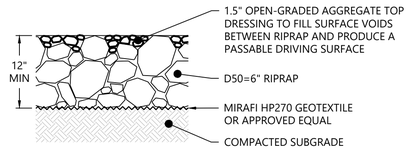


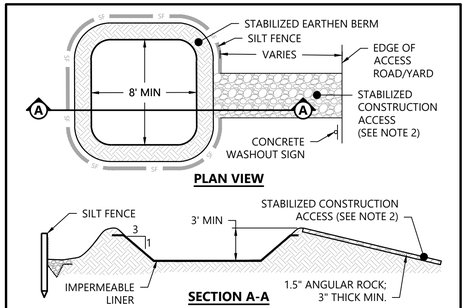


STANDARD ARMORED SURFACE

NOTES:

1. CHANNEL SIDE SLOPES MAY REQUIRE MODIFICATION TO CONSTRUCT THE ACCESS ROAD THROUGH THE CHANNEL TO MEET REQUIREMENTS OF CONSTRUCTION AND DELIVERY VEHICLES.
2. THE ACCESS ROAD SHALL CROSS THE CHANNEL AS CLOSE TO PERPENDICULAR AS POSSIBLE.
3. THE FINISHED ACCESS ROAD SURFACE SHALL BE AT AN ELEVATION THAT ALLOWS WATER TO FLOW THROUGH THE CHANNEL UNIMPEDED AND WITHOUT PONDING UPSTREAM OF ROAD OR ON THE ROAD SURFACE.
4. ARMORED SURFACE SHALL EXTEND THROUGH THE CHANNEL BOTTOM AND UP THE CHANNEL SIDE SLOPES TO THE OBSERVED TOP OF BANK OF THE CHANNEL, UNLESS OTHERWISE NOTED.
5. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
6. STABILIZE DISTURBED GROUND IN ACCORDANCE WITH THE NPDES PERMIT.
7. CROSSING MAY BE INSTALLED DURING THE PROJECT RESTORATION PHASE. IF INSTALLED DURING CONSTRUCTION, MONITOR THE CROSSING FOR DAMAGE FROM CONSTRUCTION TRAFFIC. ADDITIONAL MAINTENANCE OR REPAIRS MAY BE REQUIRED.

Westwood	STANDARD DUTY LOW WATER CROSSING	NOT TO SCALE	DN-01



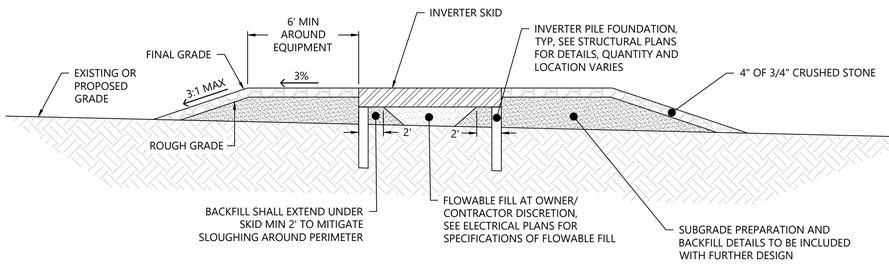
PLAN VIEW

SECTION A-A

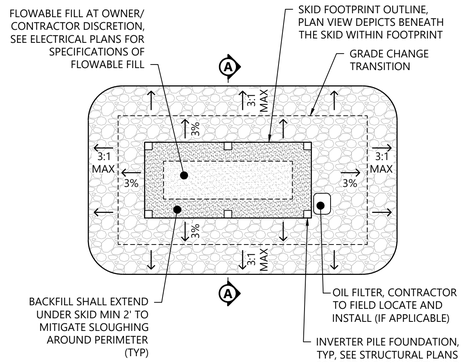
NOTES:

1. CONCRETE WASHOUT AREAS SHALL BE LINED WITH A 10 MIL PLASTIC IMPERMEABLE LINER TO PREVENT CONCRETE WASHOUT WATER FROM INFILTRATING/CONTACTING WITH SOIL.
2. PROVIDE STABILIZED CONSTRUCTION ACCESS IF SEDIMENT TRACKING CONTROLS ARE NECESSARY.
3. ALTERNATE WASHOUT SYSTEMS MAY BE USED IF APPROVED.
4. REFER TO PROJECT NPDES PERMIT FOR ADDITIONAL CONSTRUCTION, MAINTENANCE, AND REMOVAL REQUIREMENTS

Westwood	CONCRETE WASHOUT AREA	NOT TO SCALE	SW-60



SECTION A-A

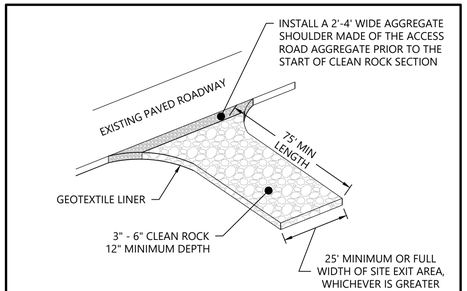


PLAN VIEW

NOTES:

1. MINIMUM SERVICE APRON WIDTH AROUND SKID TO BE CONFIRMED BE ELECTRICAL ENGINEER TO BE IN COMPLIANCE WITH THE GOVERNING ELECTRICAL CODE FOR ALL PROPOSED EQUIPMENT ON THE SKID.
2. PROVIDE 1' PF FREEBOARD ABOVE THE 100 YR FLOOD DEPTH TO THE TOP OF INVERTER SKID.
3. VERIFY EXISTING GRADE IN FIELD PRIOR TO PREPARING SUBGRADE.
4. TOP OF SKID ELEVATION MAY BE RAISED HIGHER THAN MINIMUM SKID ELEVATION. SEE STRUCTURAL PLAN SET FOR MIN AND MAX REVEALS.
5. SEE STRUCTURAL PLAN SET FOR PILE FOUNDATION, CAP PLATE, AND PILE/PLACEMENT/SPACING DETAILS.

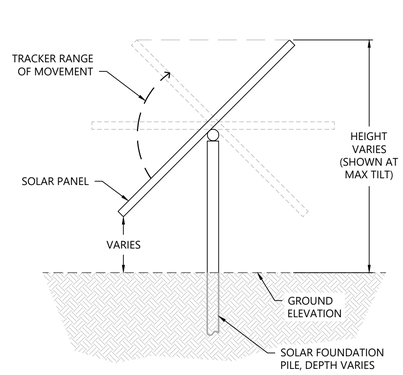
Westwood	TYPICAL INVERTER SKID SERVICE APRON	NOT TO SCALE	SL-01



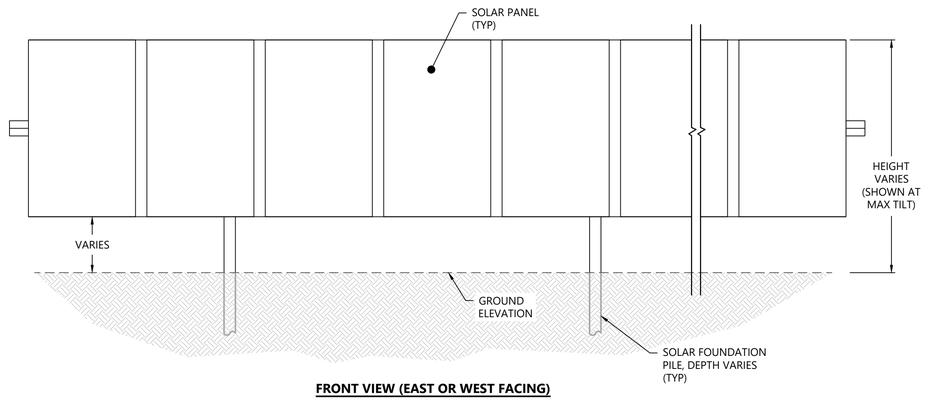
NOTES:

1. IF SEDIMENT TRACKING IS OBSERVED ON EXISTING PAVED ROAD ROADWAY, THE CONTRACTOR SHALL SCRAPE AND SWEEP THE SURFACE WITH A PICKUP BROOM ATTACHMENT OR VEHICLE.
2. REGULAR INSPECTION AND MAINTENANCE SHALL BE PERFORMED OVER LIFE OF USE.
3. LENGTH MAY NEED TO BE EXTENDED AS NECESSARY TO IMPROVE PERFORMANCE.
4. CLEAN ROCK MATERIAL SHALL BE SET BACK 2'-4' FROM THE EXISTING PAVED ROAD TO PROTECT INTEGRITY OF THE PAVEMENT.
5. CONTRACTOR SHALL REPAIR DAMAGE TO THE PUBLIC ROAD/SHOULDER IN THE IMMEDIATE VICINITY OF THE ROCK EXIT CAUSED BY CONSTRUCTION ACTIVITIES.

Westwood	VEHICLE TRACKOUT CONTROL - ROCK EXIT	NOT TO SCALE	SW-40



PROFILE VIEW



FRONT VIEW (EAST OR WEST FACING)

Westwood	TYPICAL ARTICULATED TRACKER CONFIGURATION	NOT TO SCALE	SL-11

Westwood

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Solar Ordinance-Screening Requirements

WHERE A SOLAR ENERGY SYSTEM ABUTS, OR IS ACROSS THE ROAD FROM, A RESIDENTIAL USE AND SUCH RESIDENTIAL USE IS NOT SCREENED BY NATURAL VEGETATION, THE PERIMETER WITHIN 100 FEET FROM THE RESIDENCE OR PROPERTY BOUNDARY SHALL BE SCREENED AND BUFFERED BY LANDSCAPED EARTHEN BERM, OR INSTALLED EVERGREEN OR NATIVE VEGETATIVE PLANTINGS	REQUIREMENT MET WITH PROPOSED BUFFER PLANTINGS

Screening Planting Schedule

	SYMBOL	COMMON/BOTANICAL NAME	SIZE (AT INSTALLATION)		
LARGE EVERGREEN TREES (LEV)		LARGE EVERGREEN TREES			
		Black Hills Spruce / Picea glauca densata	5' HT BB	AS SHOWN	H 30'-60' W 15'-25'
		Concolor Fir / Abies concolor	5' HT BB	AS SHOWN	H 30'-50' W 15'-25'
DECIDUOUS TREES (DEC)		DECIDUOUS TREES			
		Serviceberry / Amelanchier arborea	1.5" BB	AS SHOWN	H 15'-20' W 15'-20'
		Redbud / Cercis canadensis 'Northern Strain'	1.5" BB	AS SHOWN	H 15'-20' W 15'-20'
DECIDUOUS SHRUBS (SHB)		SHRUBS (SHB)			
		Red Osier Dogwood / Cornus sericea	#5 CONT.	AS SHOWN	H 6'-9' W 8'-12'
		Common Ninebark / Physocarpus opulifolius	#5 CONT.	AS SHOWN	H 5'-8' W 4'-6'
		American Elderberry / Sambucus canadensis	#5 CONT.	AS SHOWN	H 5'-12' W 6'-10'

NOTES:
1. QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.
2. B.B. SPECIFIES ROOT TYPE AS BALLED AND BURLAPPED.
3. H.T. SPECIFIES MINIMUM SPECIMEN HEIGHT UPON INSTALLATION.
4. #5 CONT. TO MEET MINIMUM SIZE REQUIREMENT OF 24"H OR 30"W FOR DECIDUOUS SHRUBS UPON INSTALLATION. IF PLANT SIZE UNAVAILABLE AT #5 CONT. UPSIZE CONTAINER UNTIL MINIMUM PLANT SIZE REQUIREMENT IS MET.
5. PLANT SPECIES SUBJECT TO CHANGE BASED UPON AVAILABILITY AT TIME OF PLANTING

Vegetative Screening Plant Materials

Black Hills Spruce

Concolor Fir

Common Serviceberry

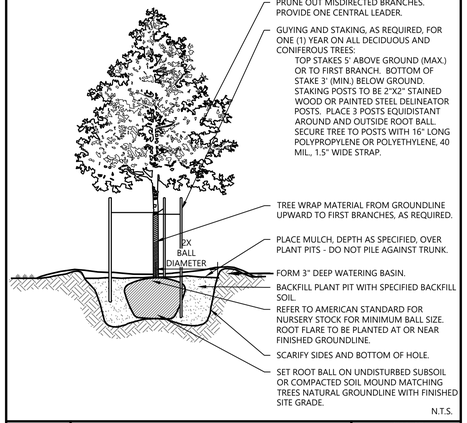
Redbud

Common Elderberry

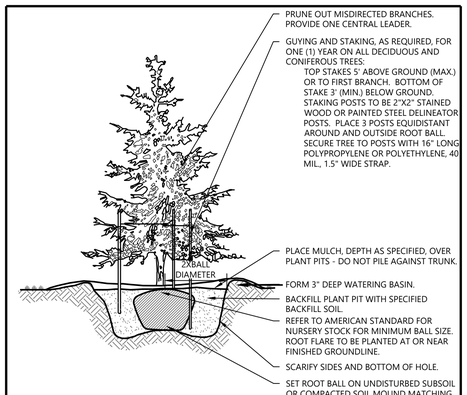
Red Osier Dogwood

Common Ninebark

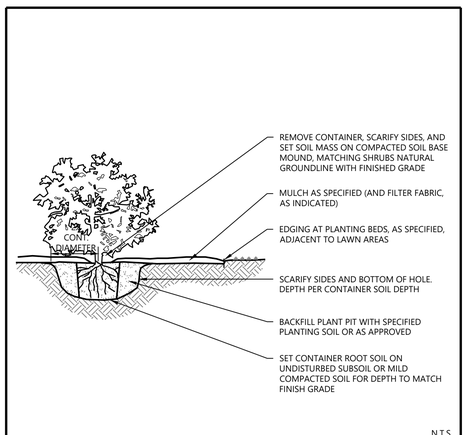
Planting Details



Westwood	DECIDUOUS TREE PLANTING	LAST REVISED: 10/19/18
		LA28



Westwood	EVERGREEN TREE PLANTING	LAST REVISED: 10/19/18
		LA29



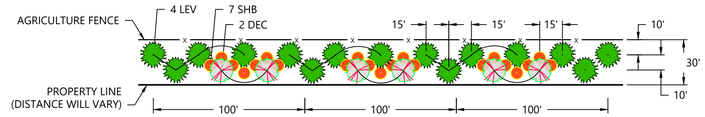
Westwood	SHRUB & PERENNIAL CONTAINER PLANTING	LAST REVISED: 10/23/18
		LA27-C

Vegetative Screening Selection and Intent

THE PROPOSED PLANS INCLUDE VEGETATIVE SCREENING WHICH UTILIZES NATIVE TREES AND SHRUBS AT STRATEGIC LOCATIONS ACROSS THE PROJECT SITE TO LIMIT DIRECT VIEWS OF THE ARRAY. ONE BENEFIT TO USING NATIVE PLANTS IS THAT THEY ARE ACCLIMATED TO THE PARTICULAR CLIMATE AND ENVIRONMENTAL CONDITIONS, THUS ALLOWING FOR A QUICKER ESTABLISHMENT AND INCREASED SURVIVAL RATES. THE PROPOSED VEGETATIVE SCREEN IS COMPOSED OF EVERGREEN TREES THAT CAN PROVIDE LUSH GREEN YEAR ROUND SCREENING AND DECIDUOUS SHRUBS THAT CAN HELP PROVIDE ADDITIONAL SCREENING AND BE VISUALLY APPEALING ACROSS MULTIPLE SEASONS. SOME OF THE CHARACTERISTICS THAT THESE NATIVE SHRUBS HAVE BEEN SELECTED FOR INCLUDE FOLIAGE AND STEM COLOR, FLOWERS AND FRUIT PRODUCTION. THE SHRUBS PROPOSED TO BE PLANTED IN SMALL MASSES SO THAT AT ANY ONE TIME IN THE YEAR ONE SPECIES MIGHT DISPLAY SOME OF THESE AESTHETIC CHARACTERISTICS. BEYOND THE AESTHETIC VALUE, THE PROPOSED PLANTS CAN PROVIDE ADDITIONAL WILDLIFE BENEFITS THAT INCLUDE A SOURCE FOR POLLINATORS, SHELTER, FORAGE AND WINTER HABITAT. AS THE PLANTS MATURE THEY WILL GROW CLOSER TOGETHER CREATING A TYPE OF NATURAL HEDGE.

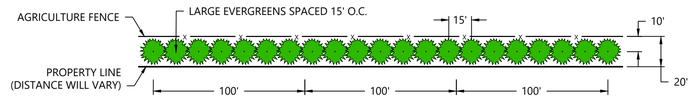
Planting Detail Type 1 - Double Row Mixed Buffer

SCALE: 1" = 50'



Planting Detail Type 2 - Single Row Large Evergreens

SCALE: 1" = 50'



Planting Notes

1. CONTRACTOR SHALL CONTACT MICHIGAN DIG SAFE SYSTEM (811) or (800) 482-7171) TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
2. ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
3. NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE OWNER PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
6. ALL PLANTS TO BE SPECIMEN GRADE, MICHIGAN-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
   ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
   ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
   ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
   ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
   CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
7. PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
8. PLANTS TO BE INSTALLED AS PER MILA & ANSI STANDARD PLANTING PRACTICES.
9. PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
10. PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
11. REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
12. PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
13. THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY OWNER FOR THE NEED OF ANY SOIL AMENDMENTS.
14. BACKFILL SOIL AND TOPSOIL TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 12" DEPTH TOPSOIL FOR TREE, SHRUBS, AND PERENNIALS.
15. PROVIDE MULCH FOR ALL TREE AND SHRUB PLANTINGS PER DETAIL. MULCH TO BE SHREDDED HARDWOOD AND FREE OF DELETERIOUS MATERIAL. MULCH 3' DIAMETER RING AROUND ALL TREES AND SHRUBS TO A DEPTH OF 4". KEEP MULCH OFF TRUNK.
16. CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
17. REPAIR, REPLACE, OR PROVIDE SOD/SEED AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
18. REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.

Westwood

Phone (214) 473-4640
Toll Free (888) 937-5150
2805 North Dallas Parkway, Suite #150
Plano, TX 75093
westwoodps.com

Westwood Professional Services Michigan, LLC

PREPARED FOR:

geronimo power

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	03/24/2025	Permit Plans	AW	BV	BV
B	05/30/2025	Revised Permit Plans	AW	BV	BV
C	06/11/2025	Revised Permit Plans	AW	BV	BV
D	06/13/2025	Revised Permit Plans	AW	BV	BV

Lakeside Solar, LLC

Muskegon County, Michigan

Landscape Screeing Notes & Details

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

DATE: 06/13/2025

SHEET: L100

REV: D

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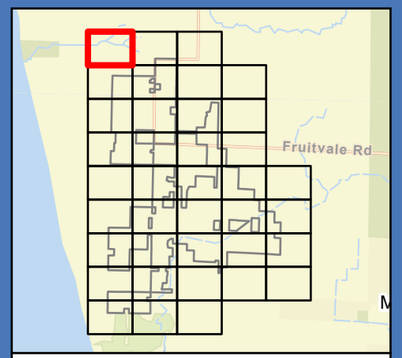

0 100 200 Feet

1 inch = 200 feet

N
W E
S

- Occupied Structure
- Sound Isolines
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

LAKESIDE SOLAR

For Environmental Review Purposes Only

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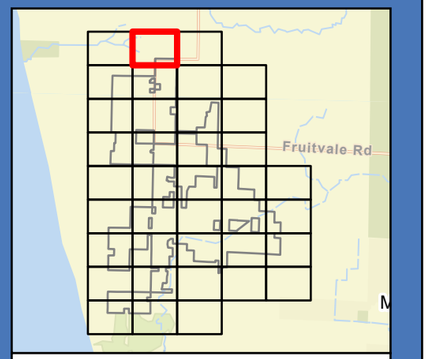

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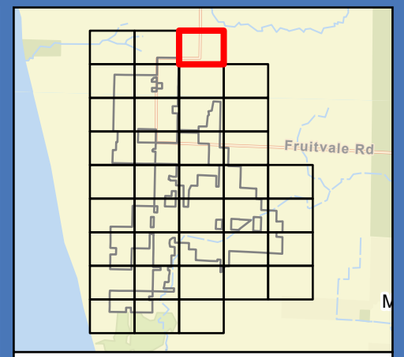

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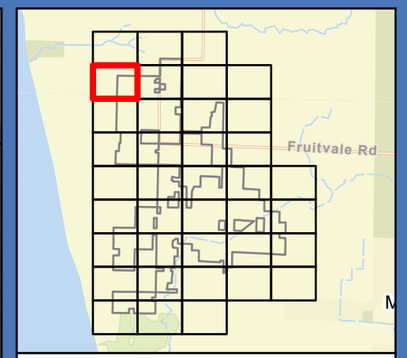

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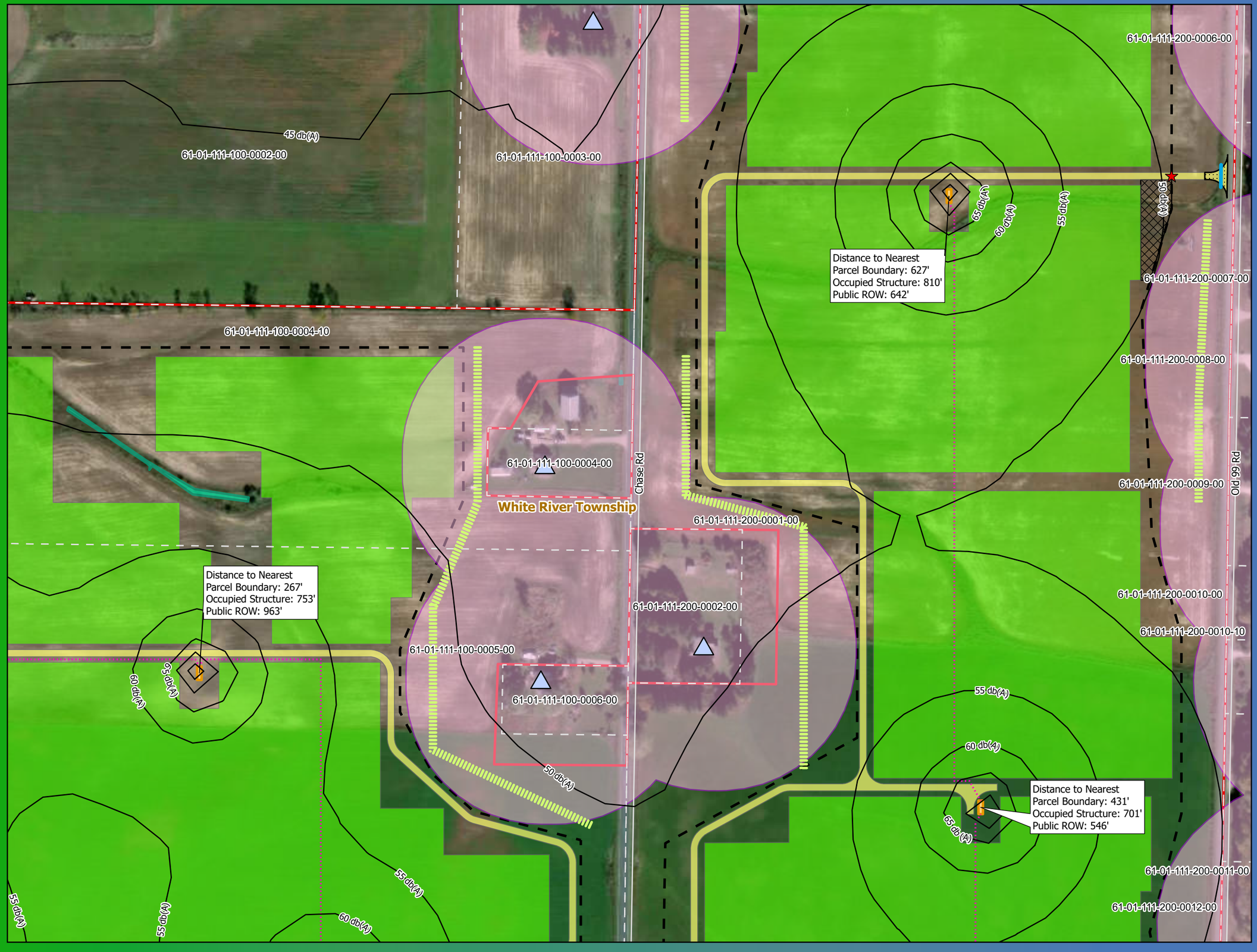

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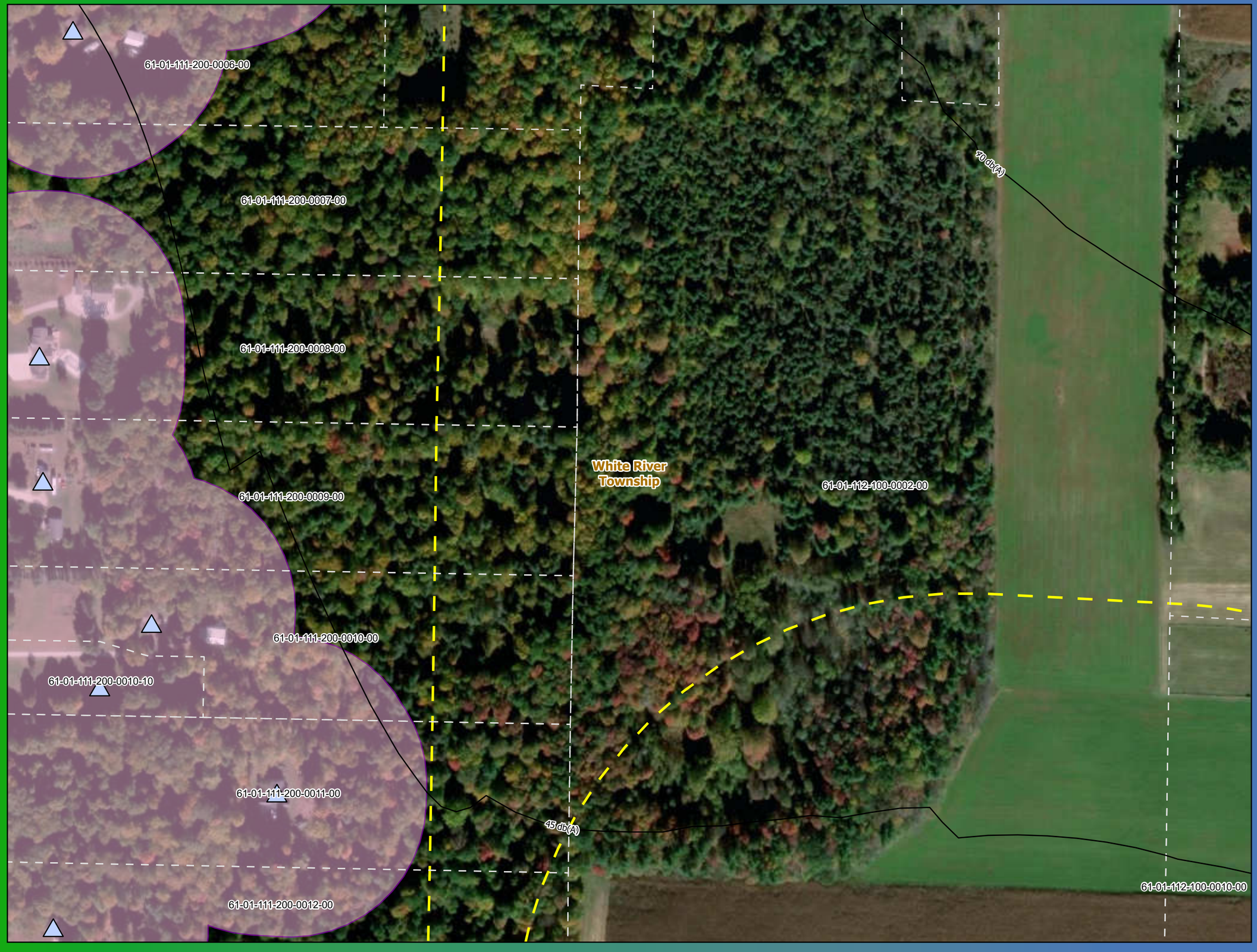

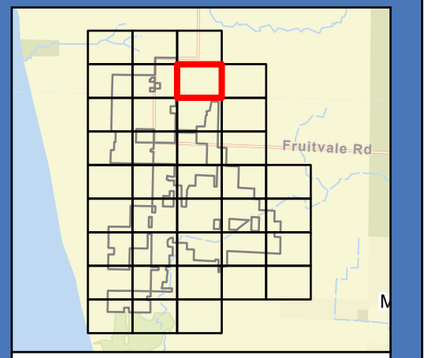

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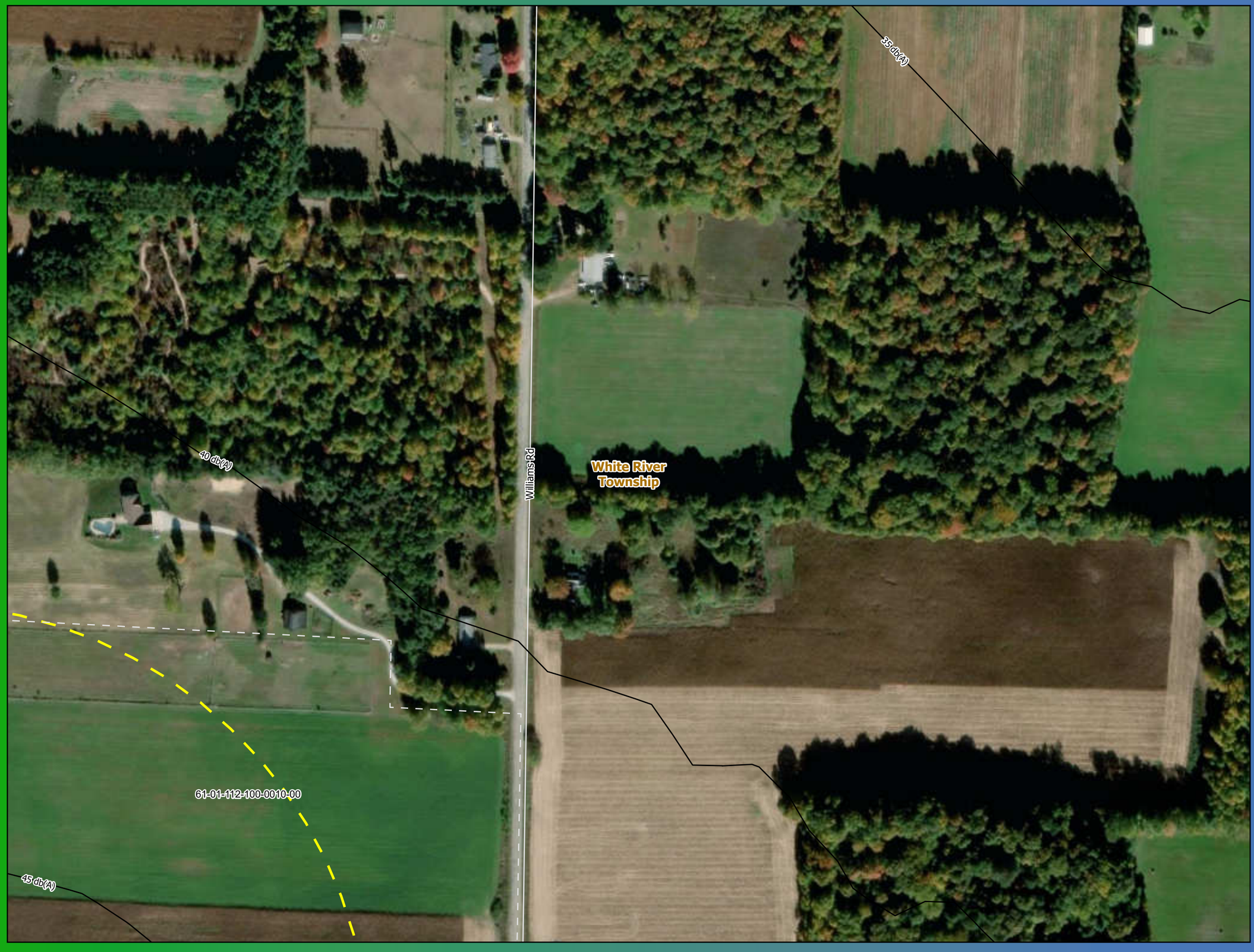

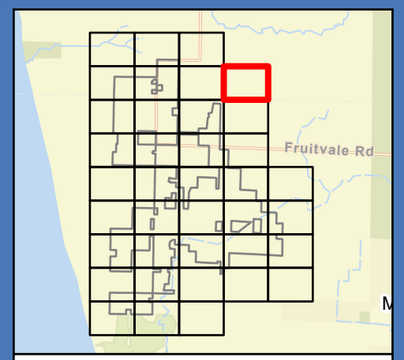

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Sound Isolines

Land Control Area Buffer (1000 ft)

Municipal Boundary

Parcel Boundary

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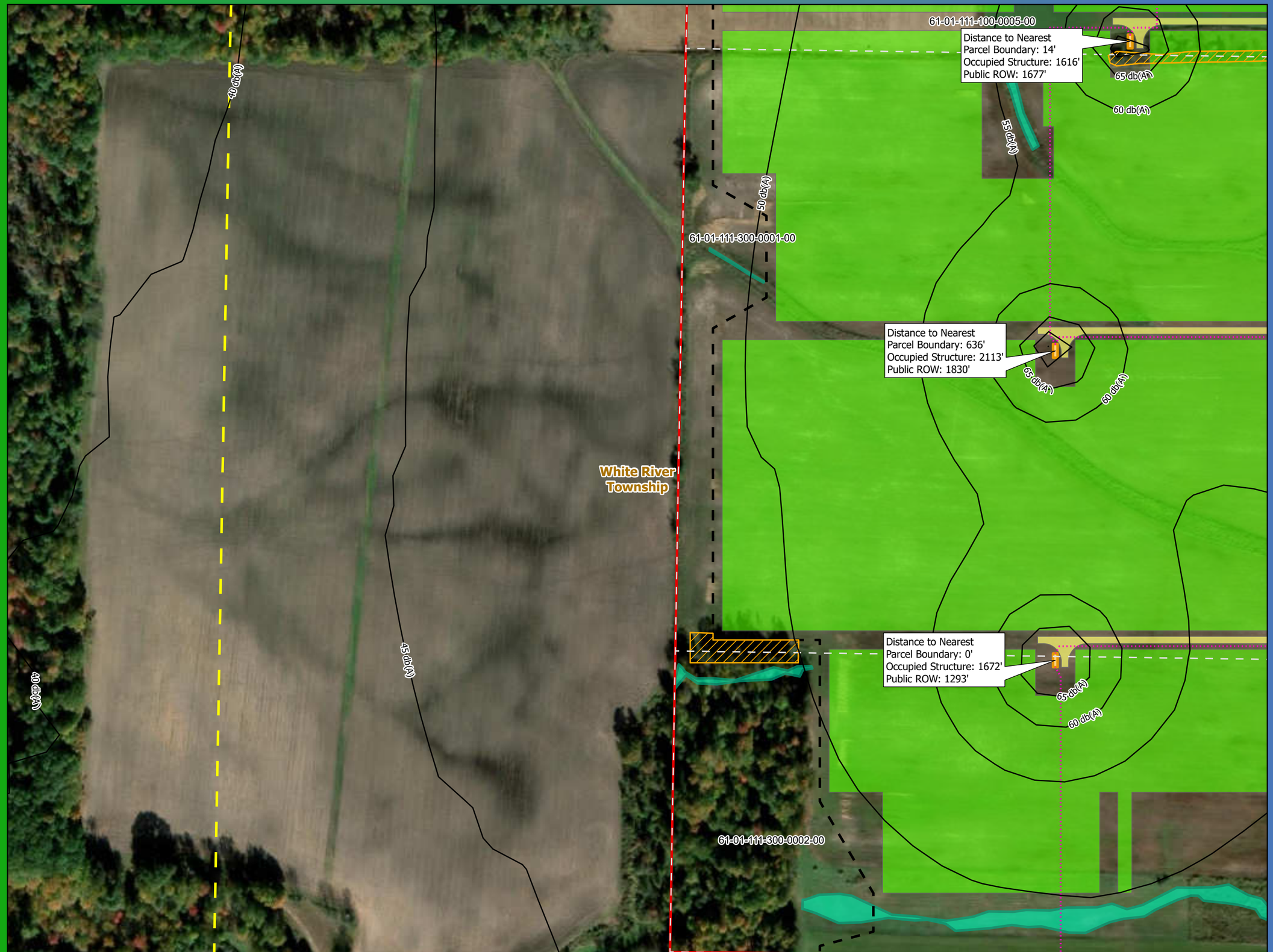

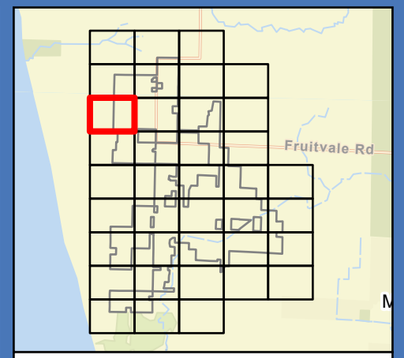

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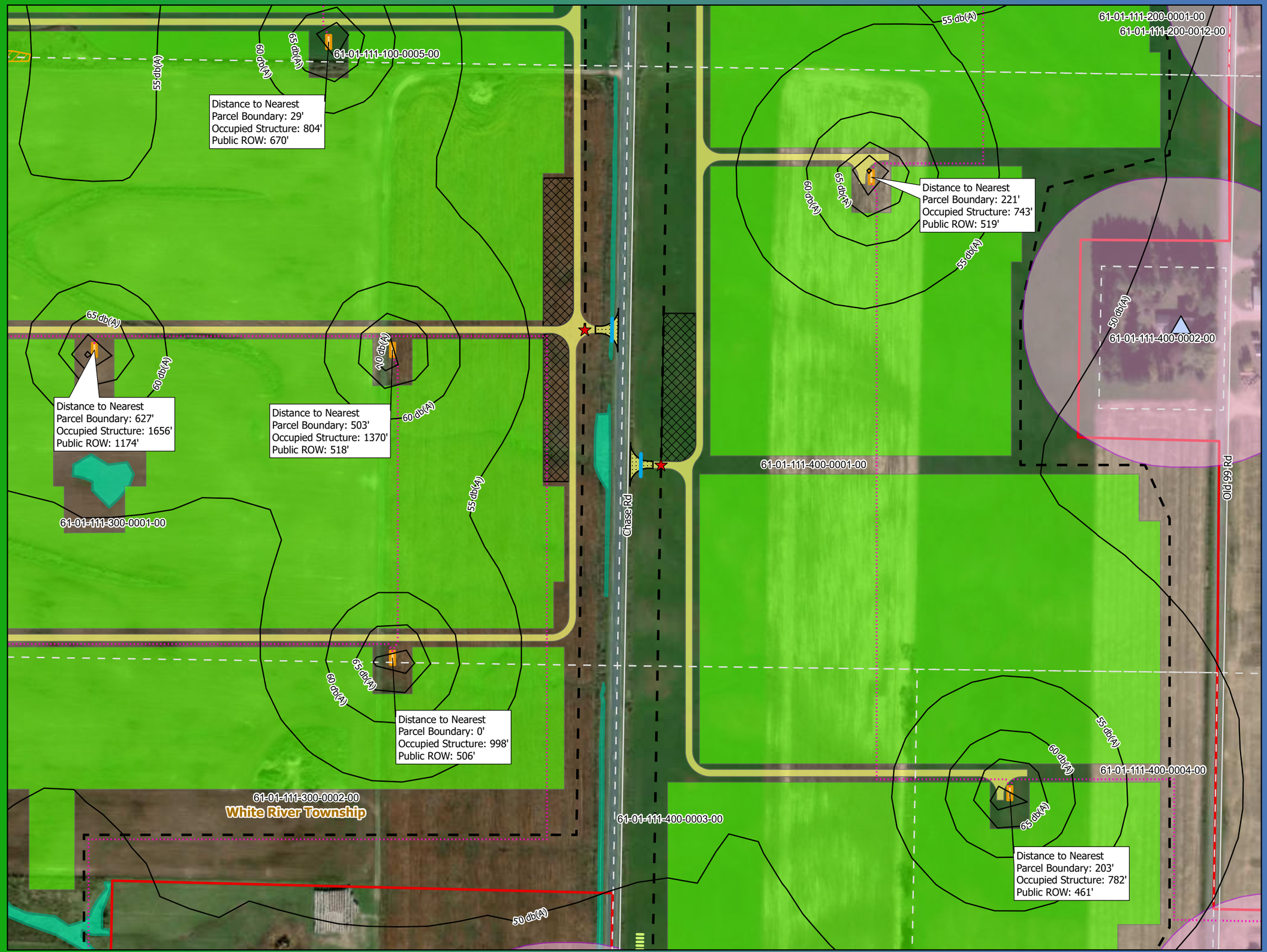

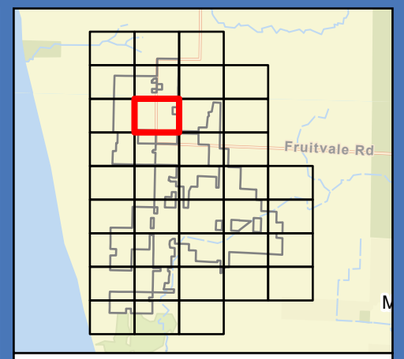

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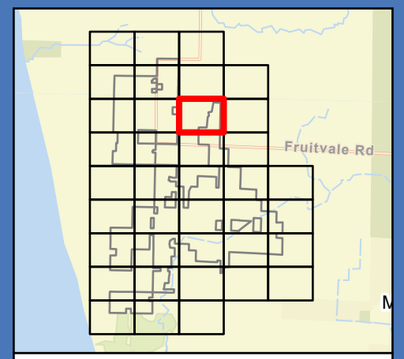

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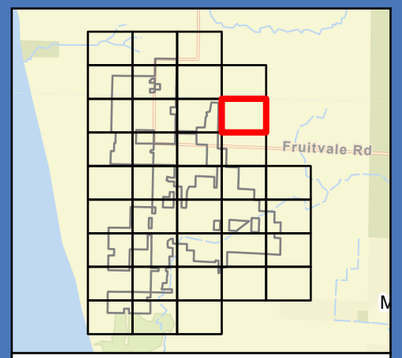

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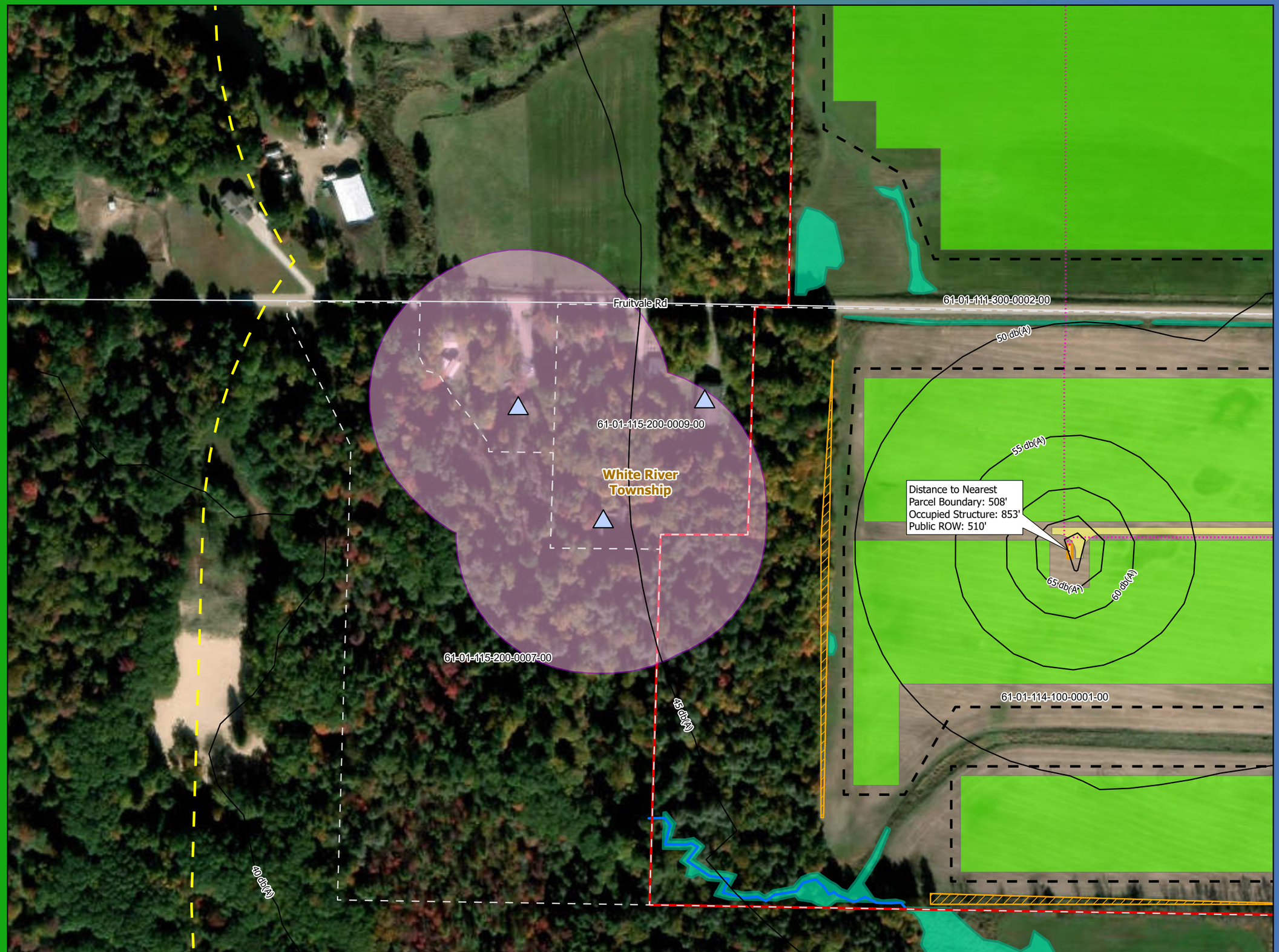

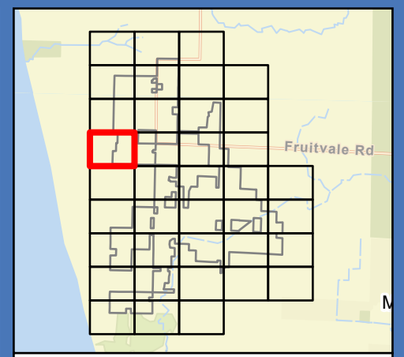

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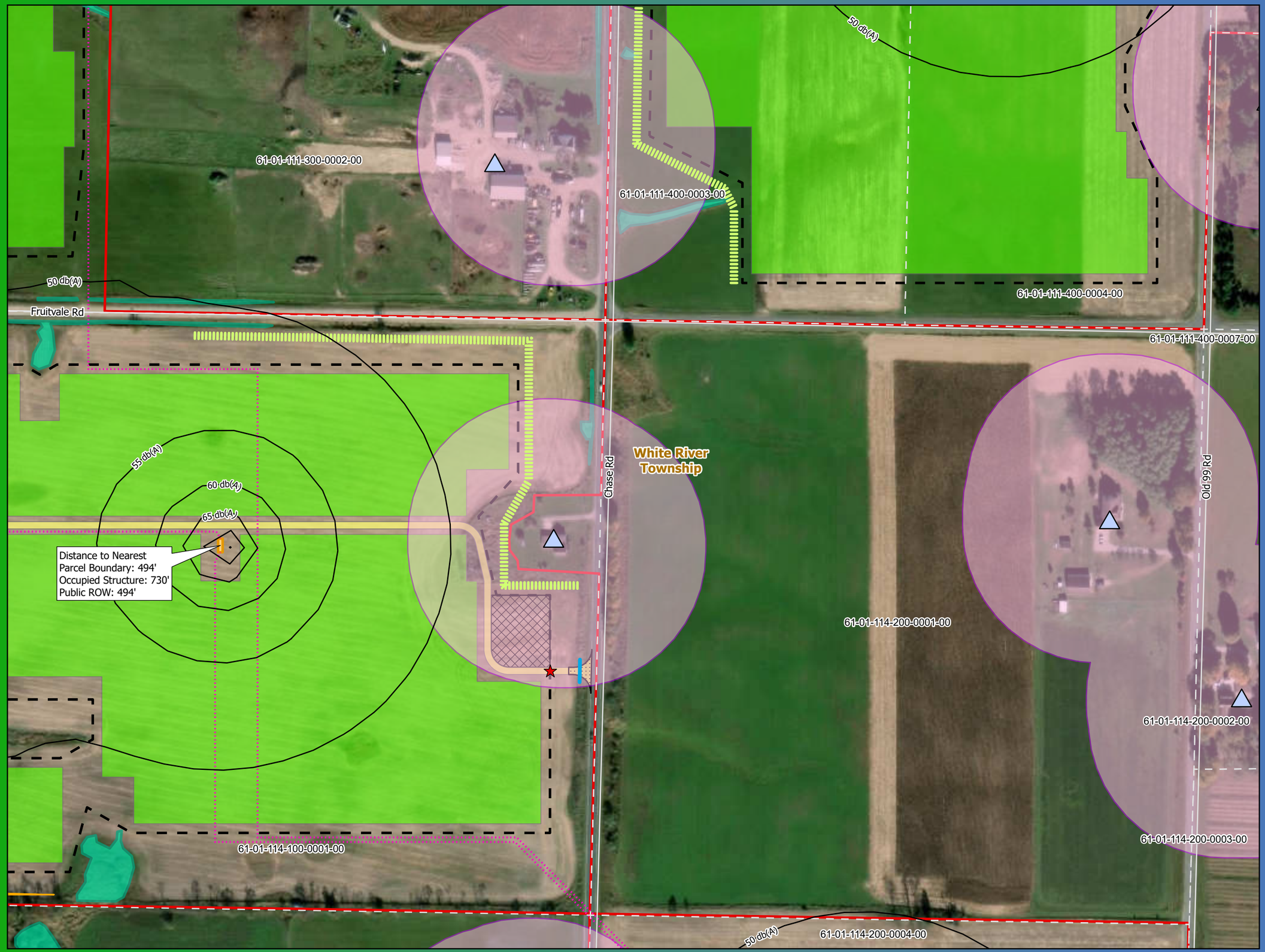

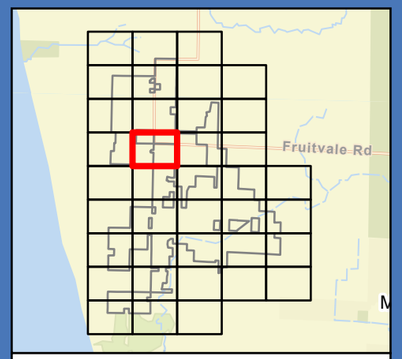

0 100 200 Feet

1 inch = 200 feet

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S

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- Municipal Boundary
- Delineated Wetland
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Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

LAKESIDE SOLAR

For Environmental Review Purposes Only

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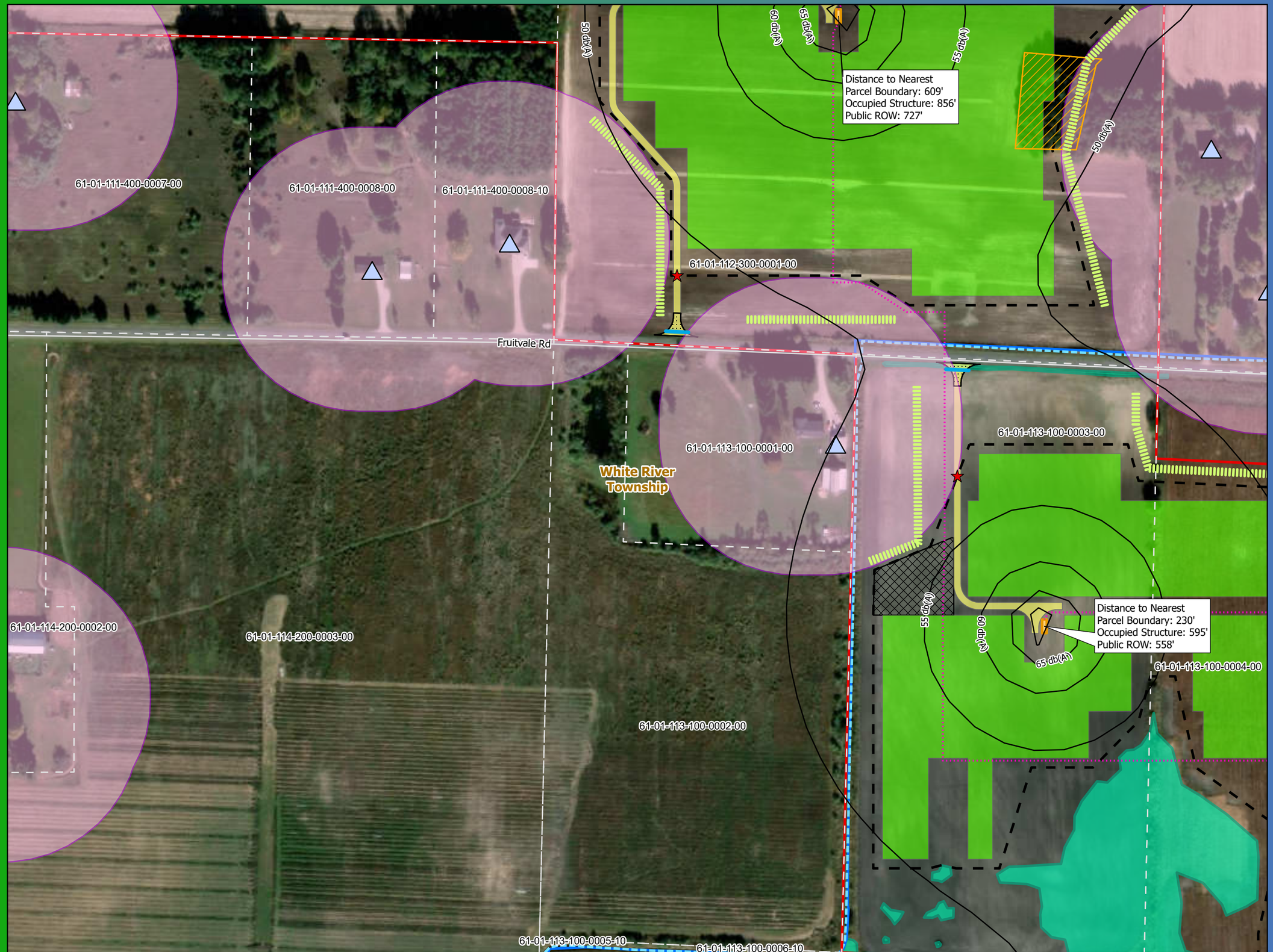

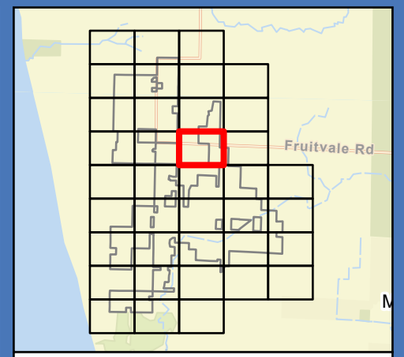

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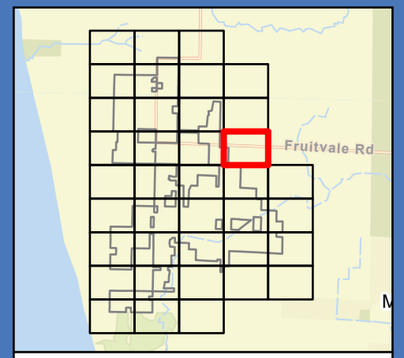

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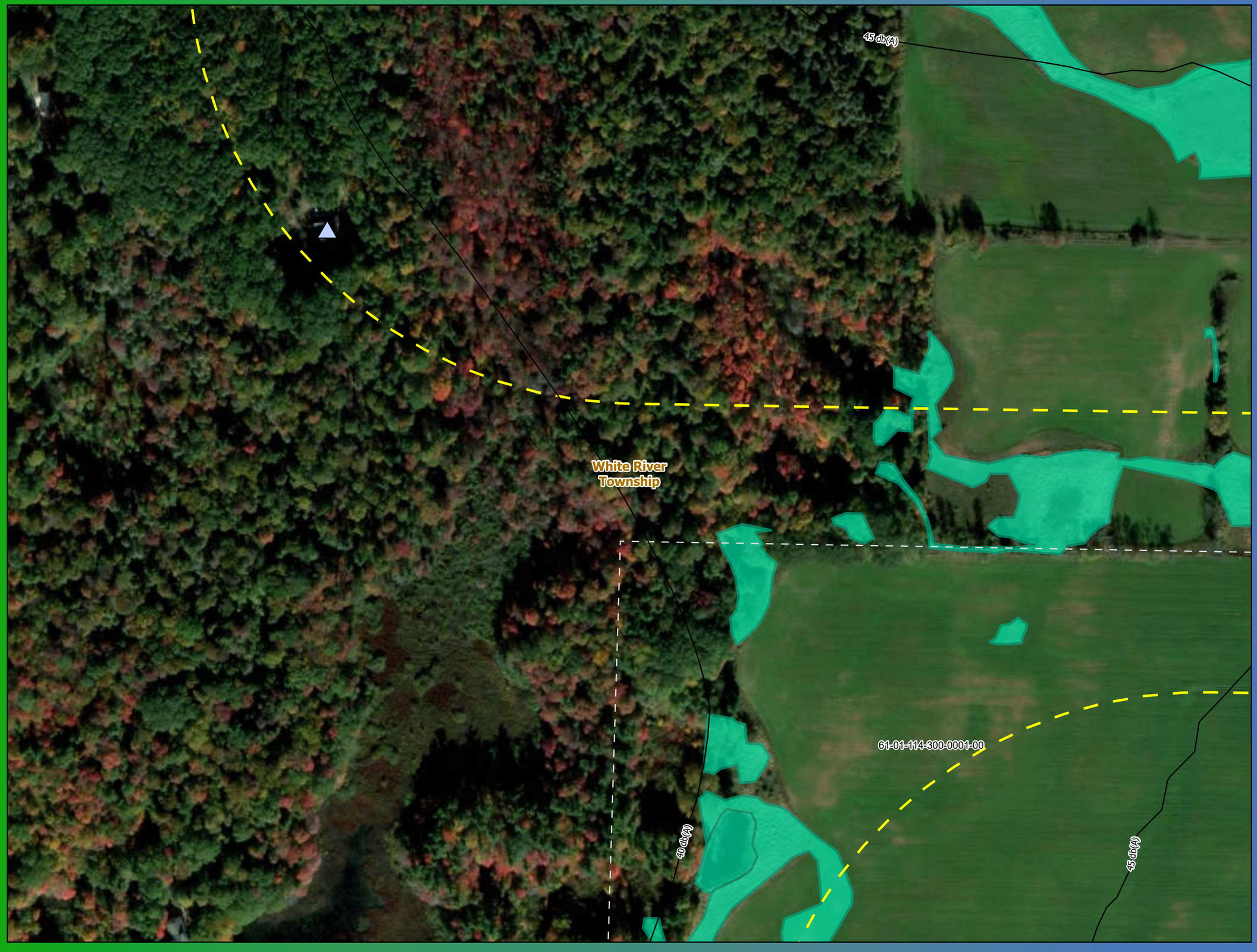

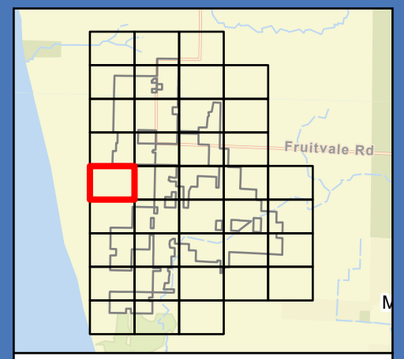

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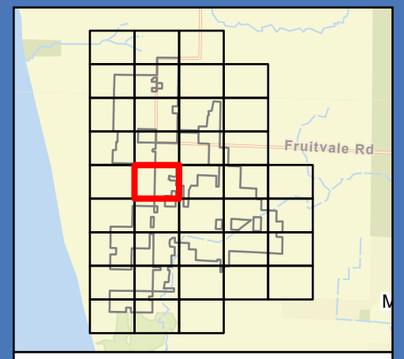

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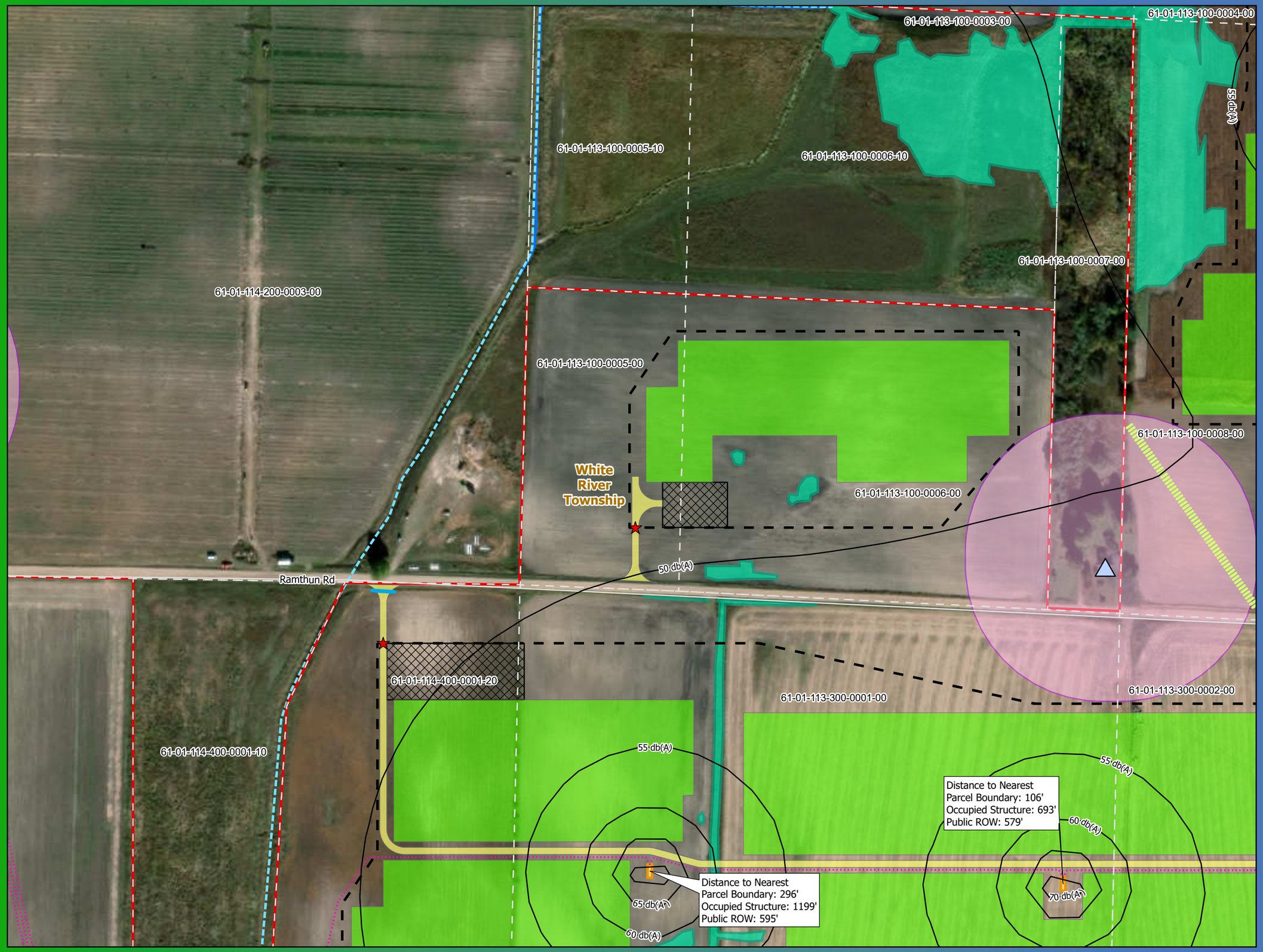

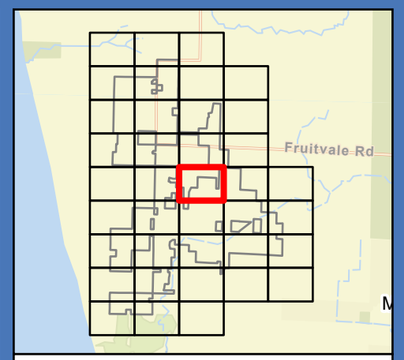

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Muskegon County, Michigan

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Date: (9/4/2025)

61-01-113-100-0004-00

61-01-113-200-0001-00

45 db(A)

Distance to Nearest
Parcel Boundary: 137'
Occupied Structure: 1155'
Public ROW: 1155'

65 db(A)

60 db(A)

55 db(A)

61-01-113-100-0008-00

61-01-113-200-0004-00

61-01-113-200-0005-00

White River
Township

50 db(A)

Ramthun Rd

61-01-113-400-0001-00

55 db(A)

55 db(A)

60 db(A)

61-01-113-300-0002-00

Distance to Nearest
Parcel Boundary: 378'
Occupied Structure: 1177'
Public ROW: 532'

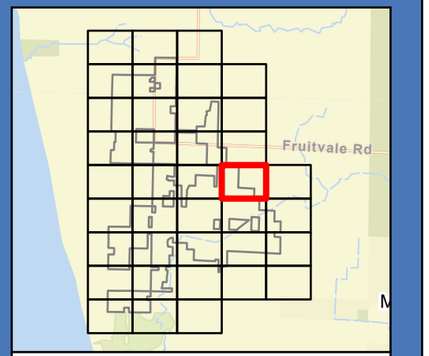
60 db(A)

55 db(A)

Distance to Nearest
Parcel Boundary: 478'
Occupied Structure: 754'
Public ROW: 494'

61-01-113-400-0002-00

61-01-113-400-0003-00



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Muskegon County, Michigan

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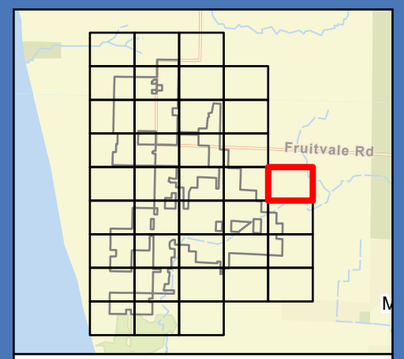

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Muskegon County, Michigan

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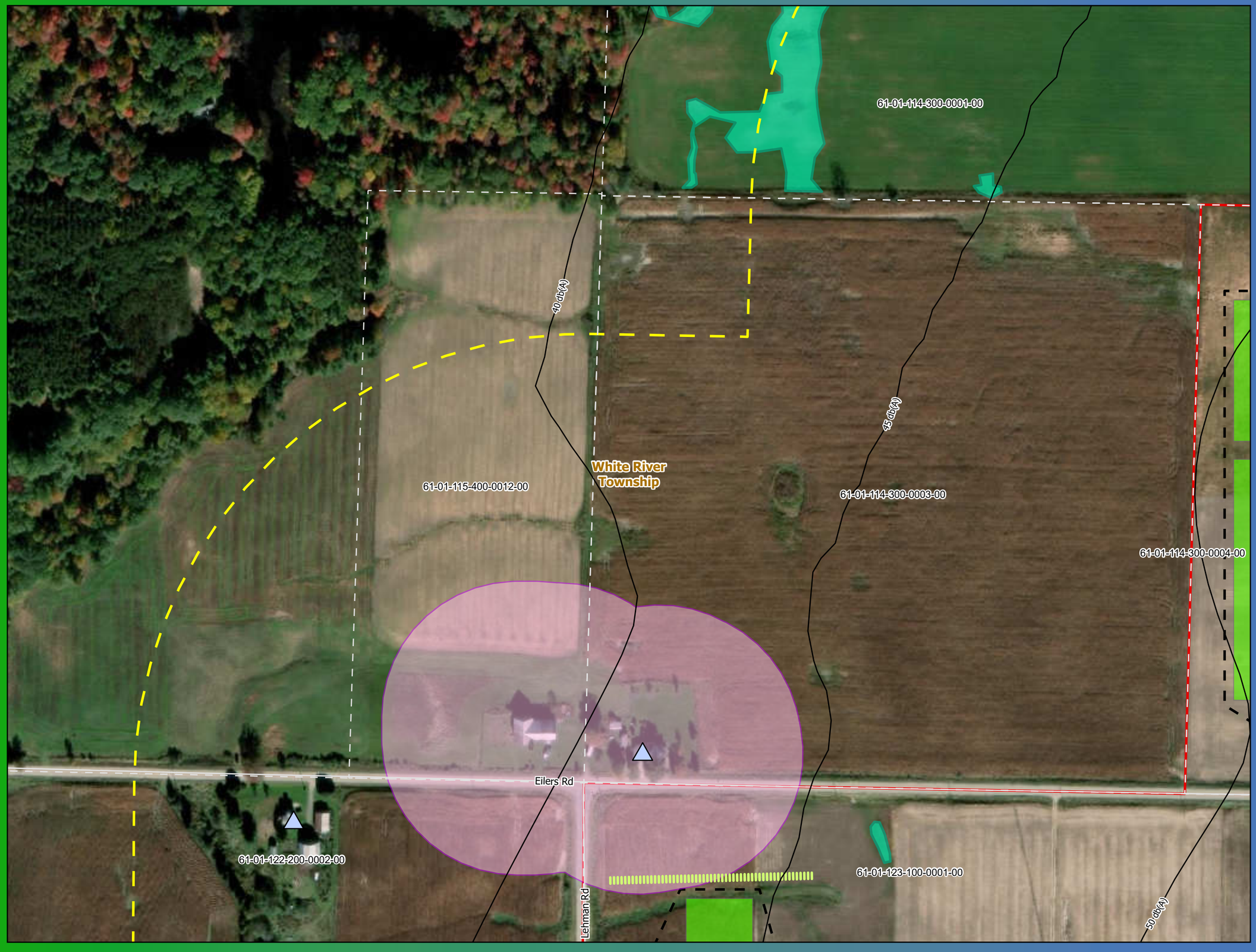

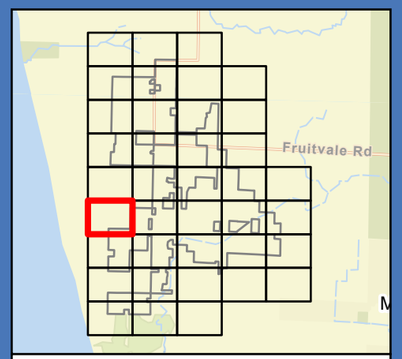

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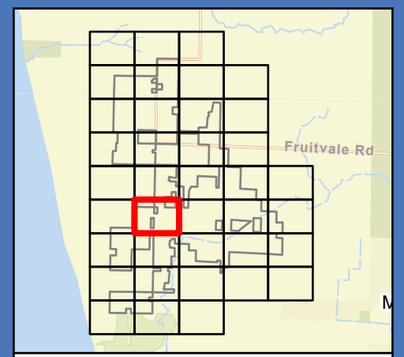

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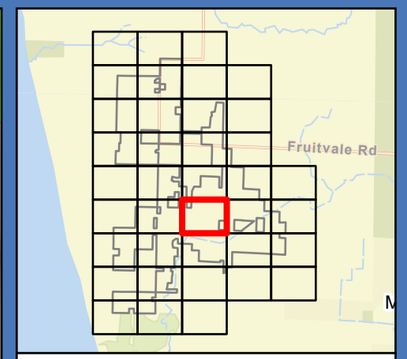

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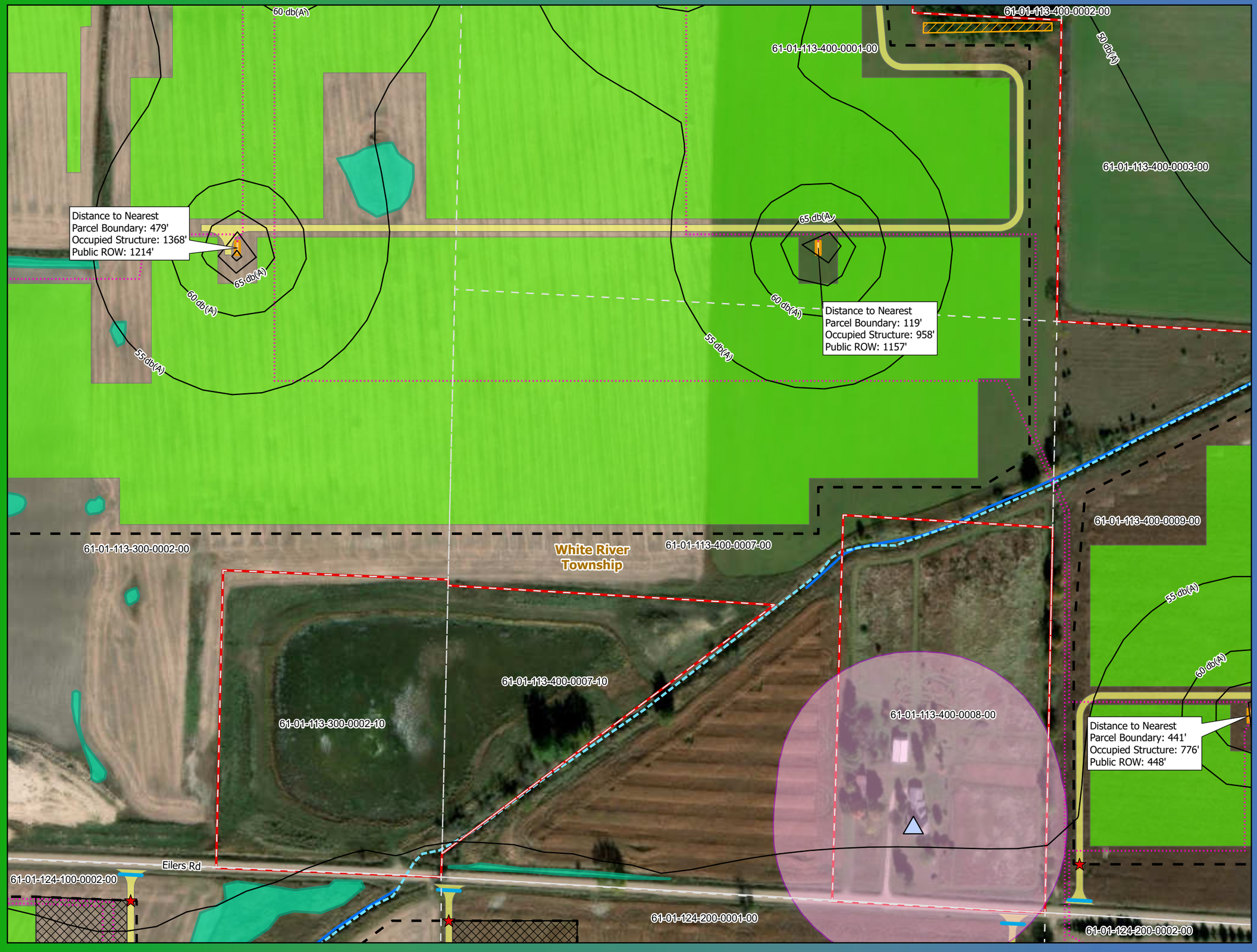

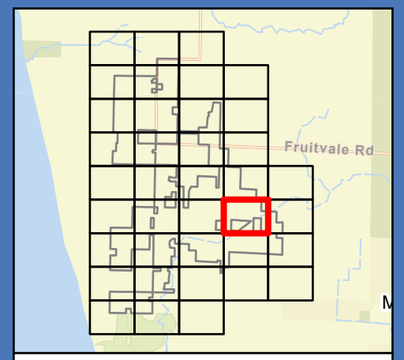

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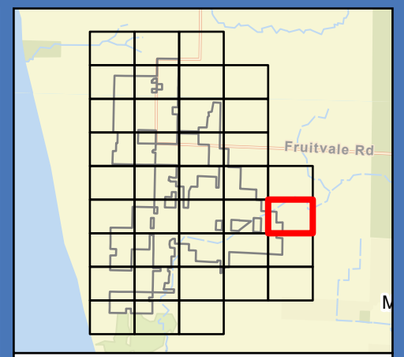

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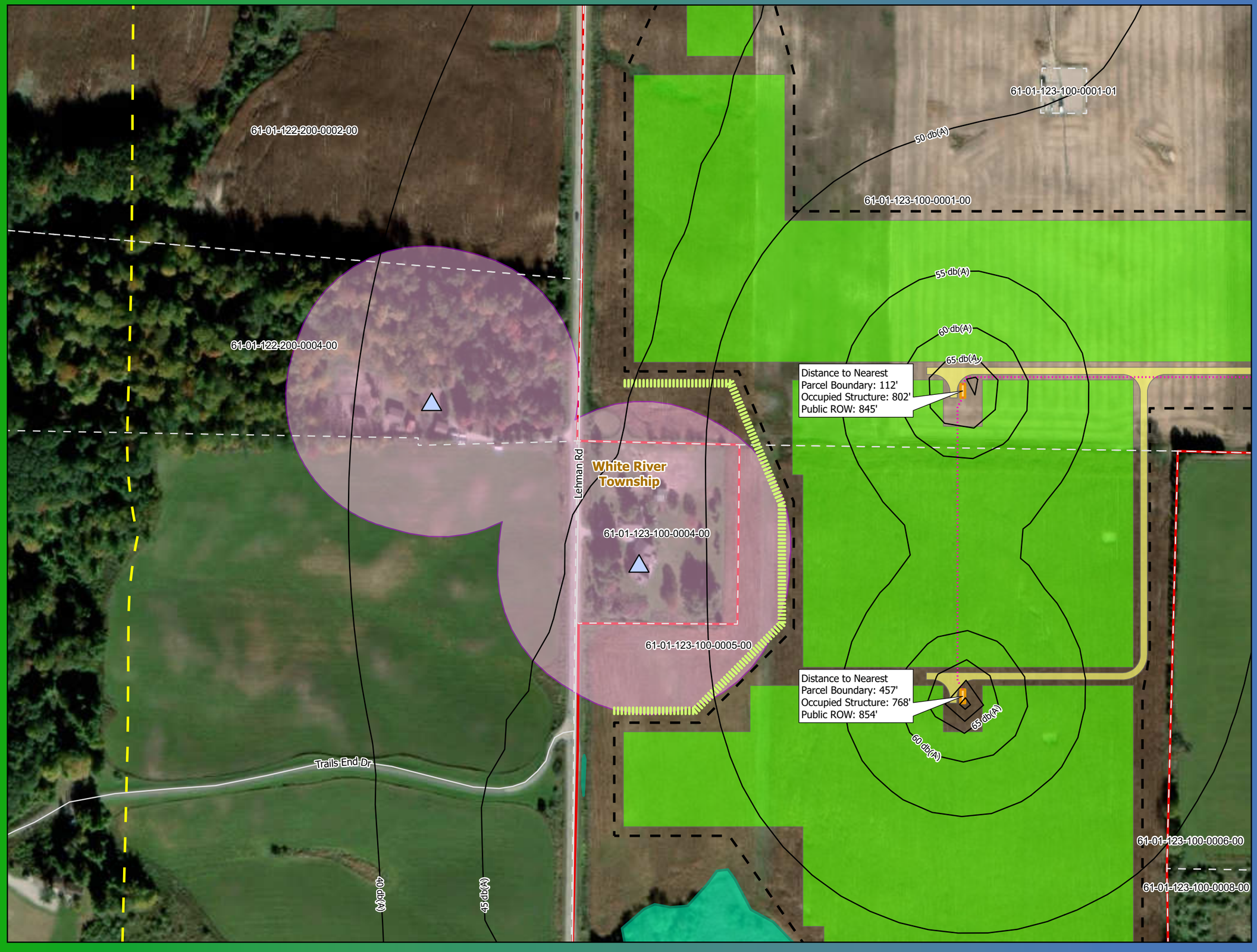

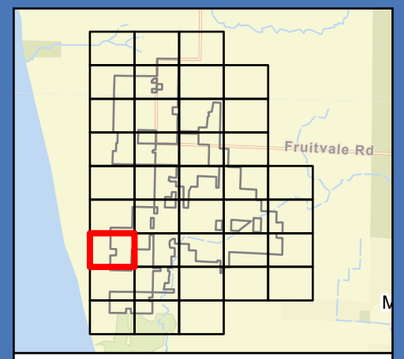

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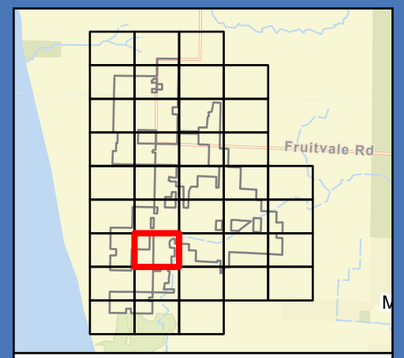

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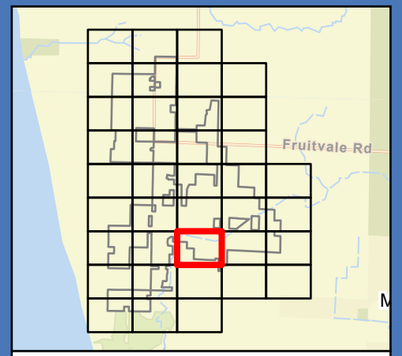

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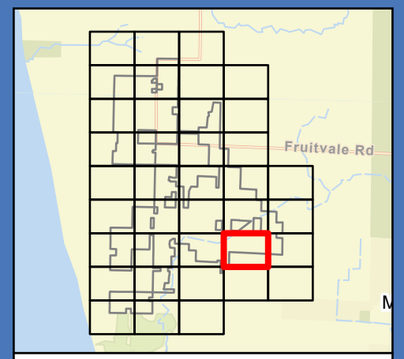

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- O&M Facility
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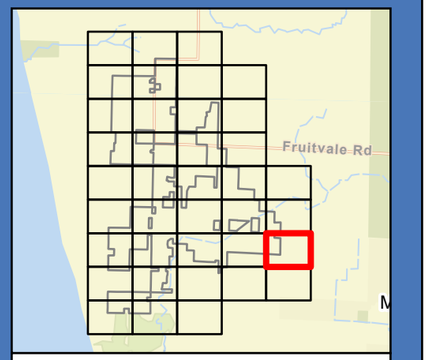

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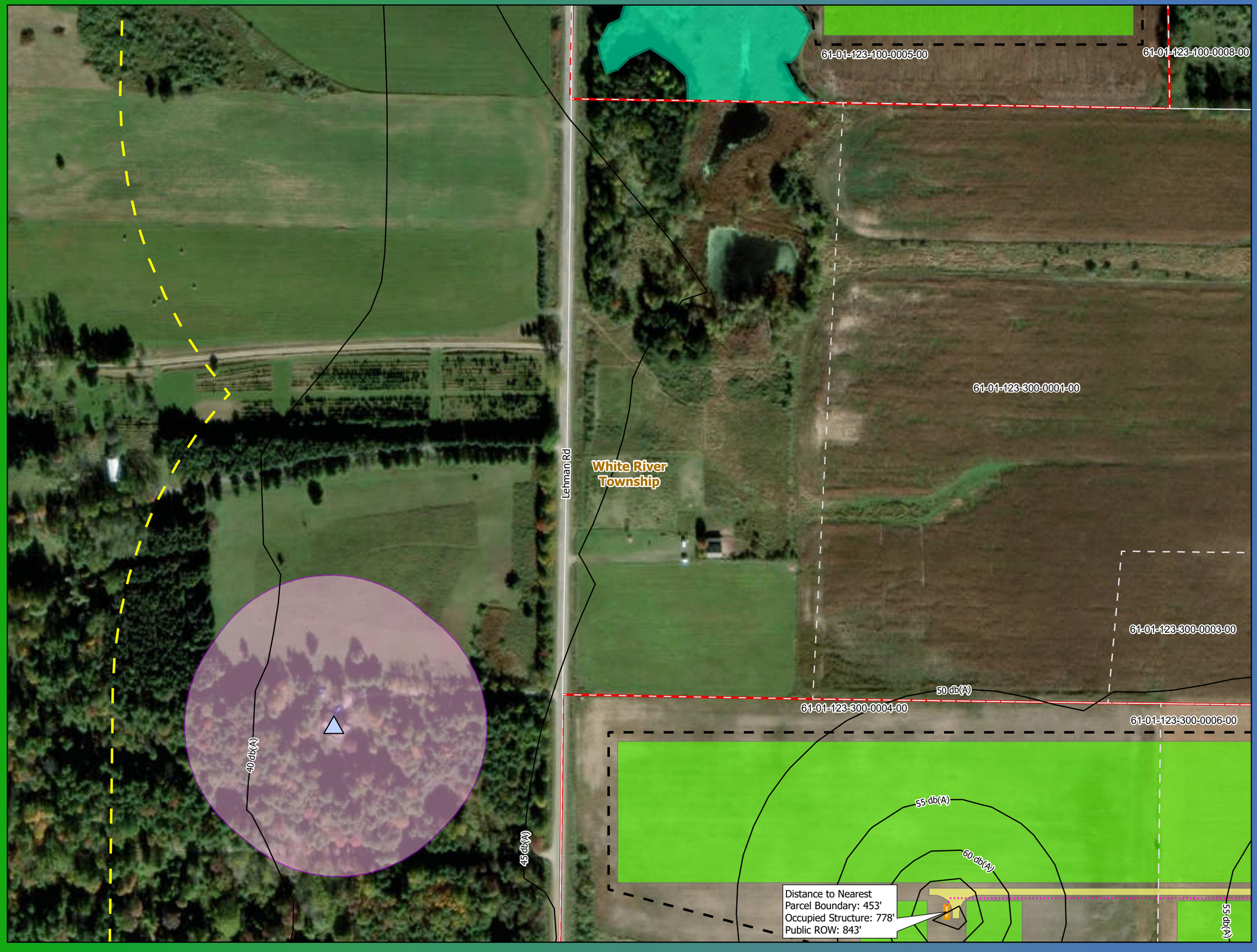

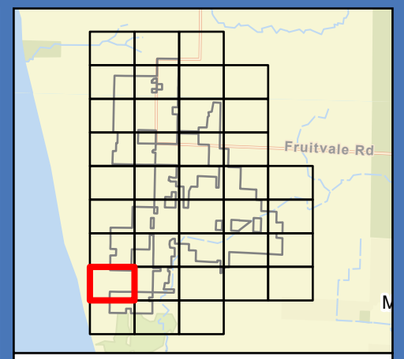

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- Inverter
- Access Road
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Delineated Wetland
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

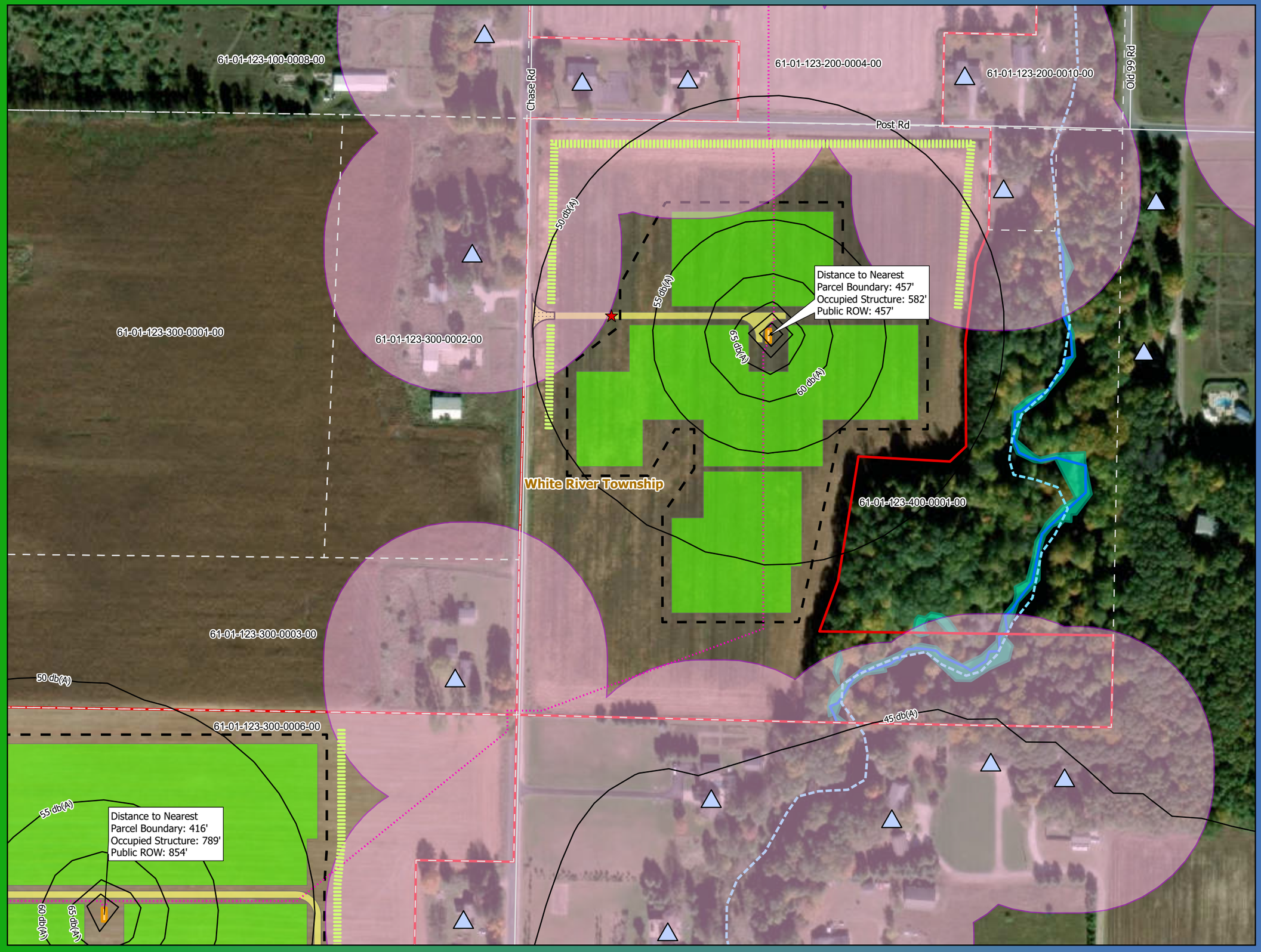
Muskegon County, Michigan

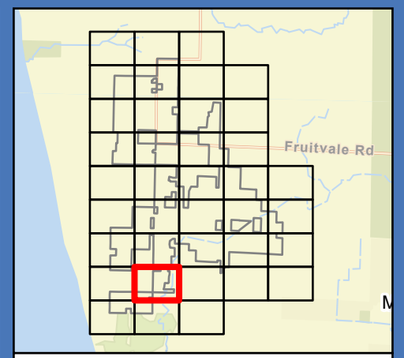
LAKESIDE SOLAR

For Environmental Review Purposes Only

Source: Z:\Clients\M_P\National_Grid\Lakeside_Solar\ArcGIS\Permitting\Lakeside Solar\Lakeside Solar.aprx

Date: (9/4/2025)





0 100 200 Feet

1 inch = 200 feet

N
W E
S

- Security Gate
- Occupied Structure
- Proposed Landscape Buffer
- Sound Isolines
- Security Fence
- Land Control Area
- Collection and Communication Lines
- Solar Array
- Inverter
- Rock Construction Entrance
- Access Road
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- County Drain
- Delineated Wetland
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

LAKESIDE SOLAR

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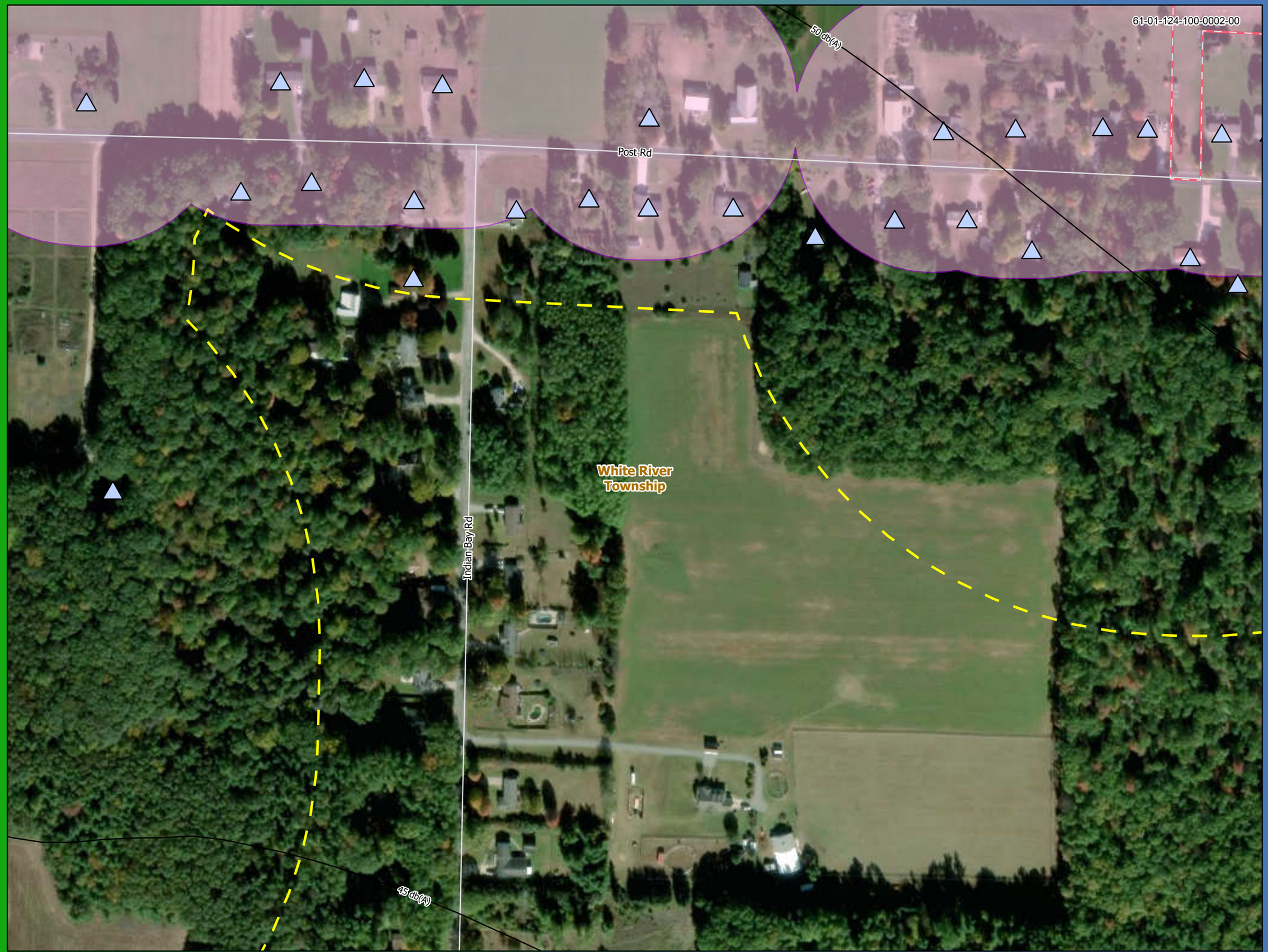

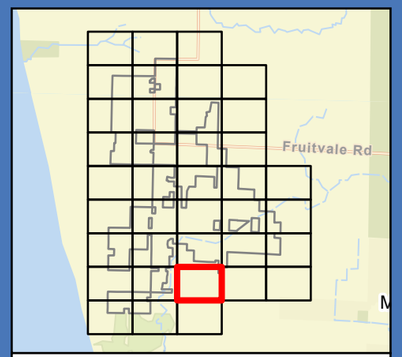

0 100 200 Feet

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N
W E
S

- Occupied Structure
- Sound Isolines
- Land Control Area
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

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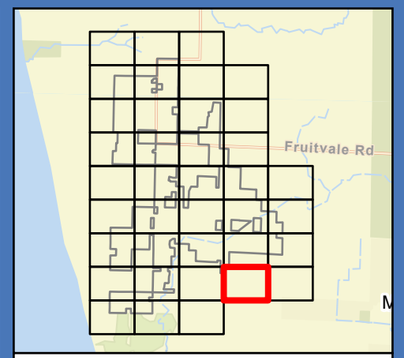

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N
W E
S

- Occupied Structure
- Sound Isolines
- Land Control Area
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

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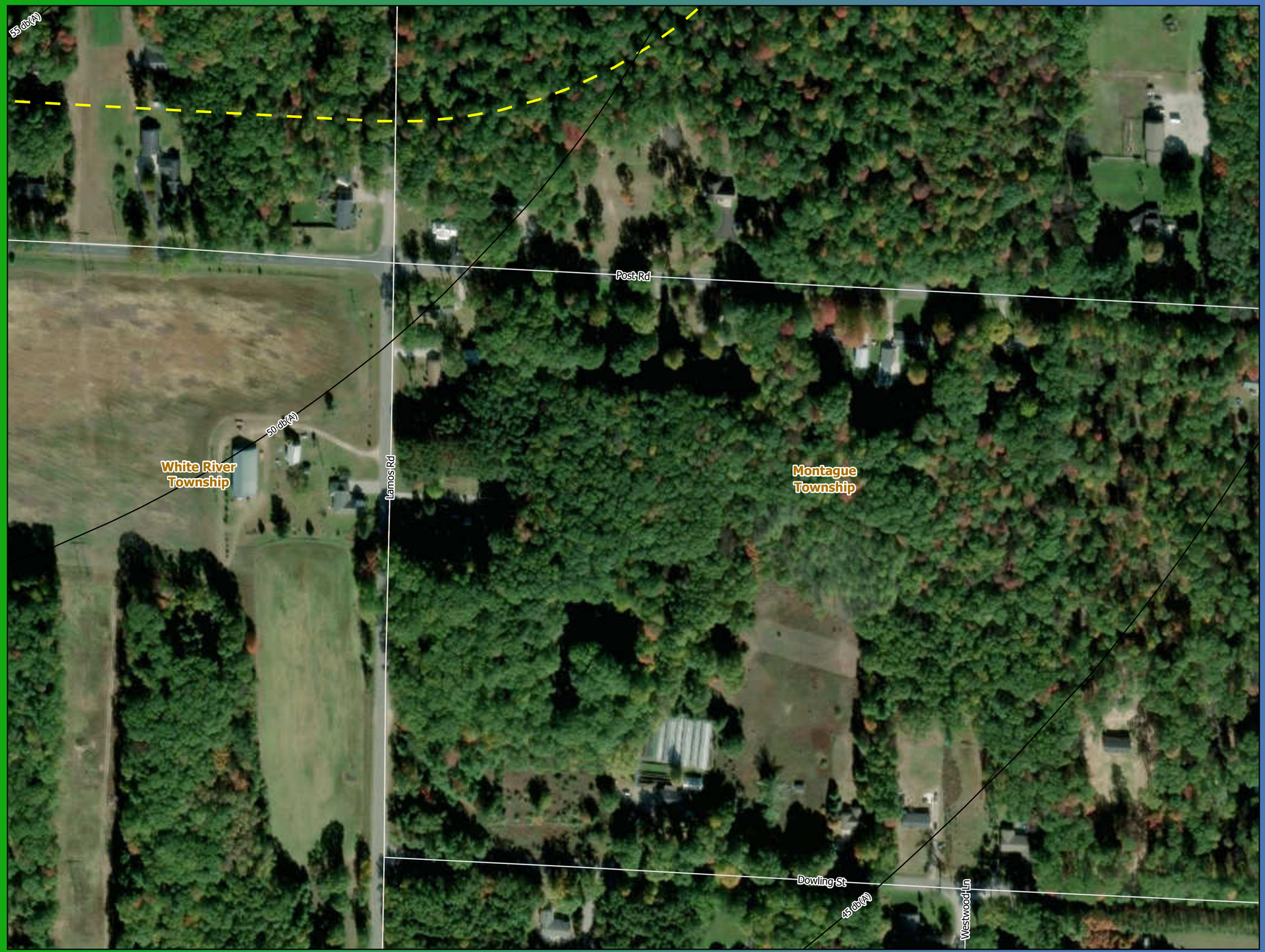

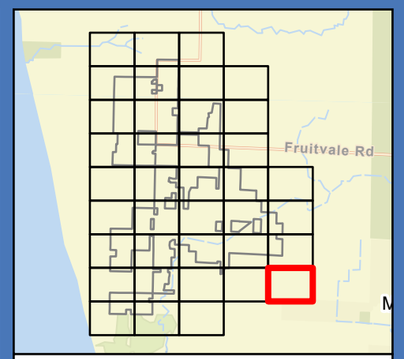

0 100 200 Feet

1 inch = 200 feet

N
W E
S

Sound Isolines

Land Control Area Buffer (1000 ft)

Municipal Boundary

Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

LAKESIDE SOLAR

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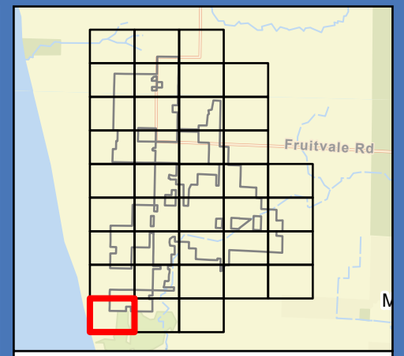

0 100 200 Feet

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N
W E
S

- Occupied Structure
- Proposed Landscape Buffer
- Sound Isolines
- Security Fence
- Land Control Area
- Solar Array
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

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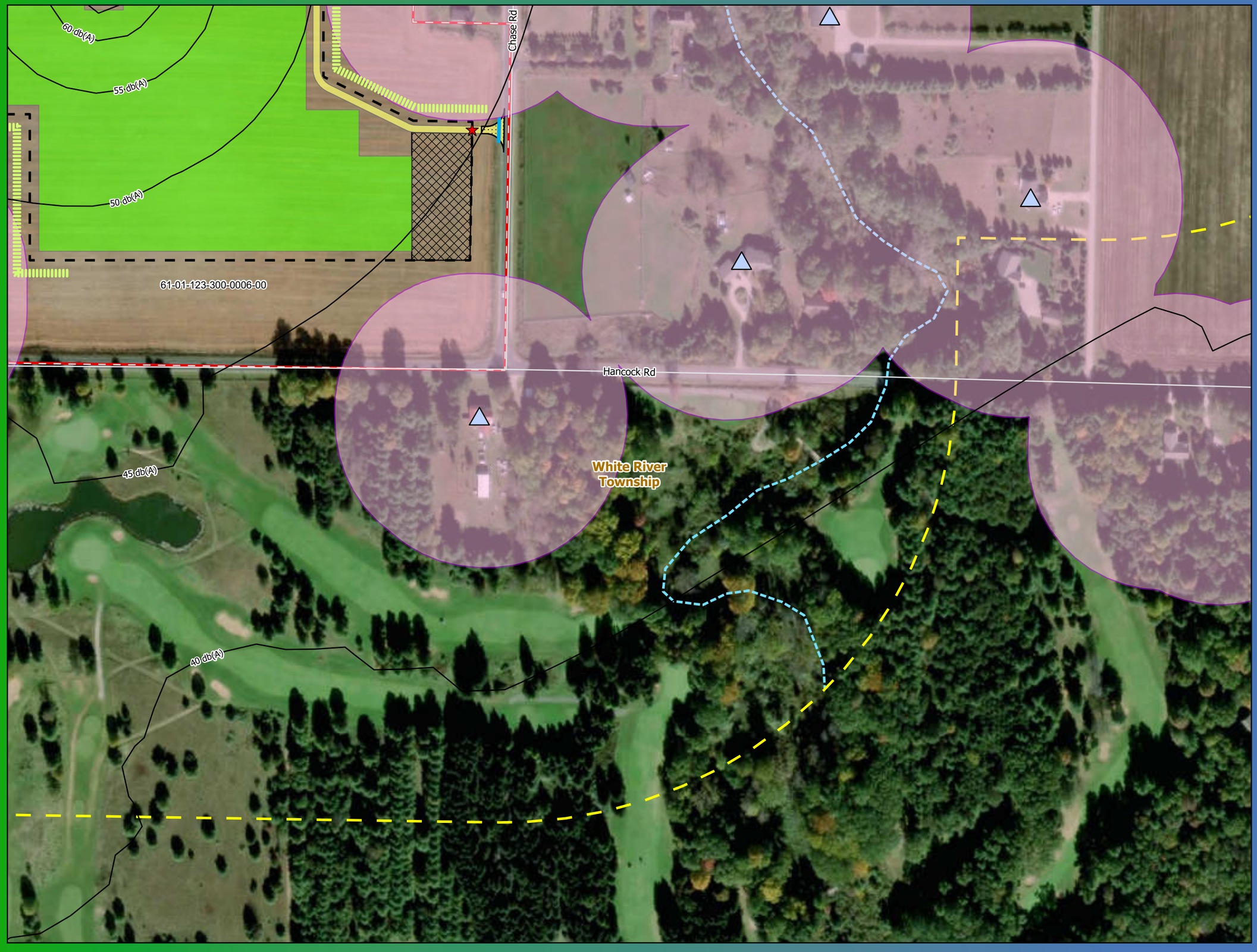

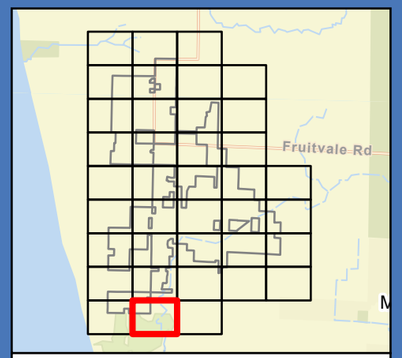

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N
W E
S

- Security Gate
- Occupied Structure
- Proposed Landscape Buffer
- Sound Isolines
- Security Fence
- Land Control Area
- Solar Array
- Rock Construction Entrance
- Access Road
- Laydown Yard
- Proposed Setback
- Proposed Storm Sewer Pipes and Culverts
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- County Drain
- Parcel Boundary

Detailed Site Plan

Lakeside Solar and BESS Project

Muskegon County, Michigan

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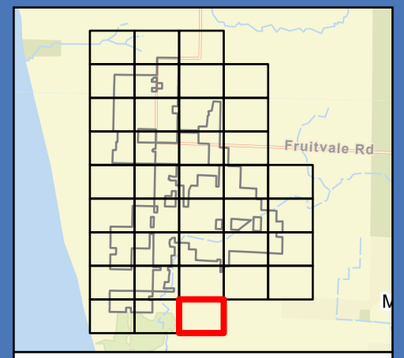

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N
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- Sound Isolines
- Proposed Setback
- Land Control Area Buffer (1000 ft)
- Municipal Boundary
- Parcel Boundary

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