SHEET SIZE: ANSI-D 22x34

CONSUMERS ENERGY

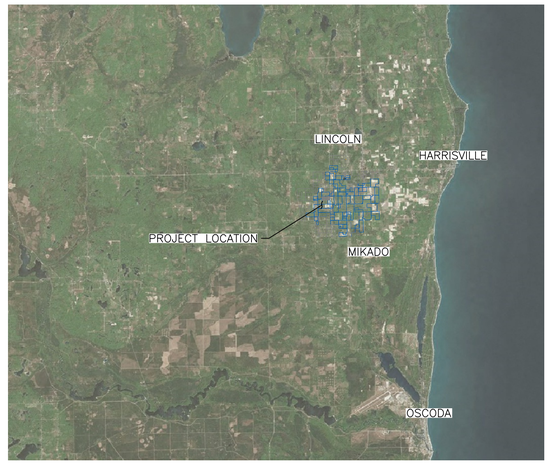
GUSTIN SOLAR ENERGY CENTER

PROJECT NO. 192088
ALCONA COUNTY
HARRISVILLE TOWNSHIP
ISSUED FOR PERMITTING
SEPTEMBER 23, 2026

SITE INFORMATION:
205 N MCCONNELL RD
LINCOLN, MI 48742

OWNER:
CONSUMERS ENERGY
(800) 477-5050
1 ENERGY PLAZA
JACKSON, MI 49201

DESIGN ENGINEER:
GRANT ALBANSODER
GLALBANSODER@BURNSMCD.COM
(720) 573-7646
BURNS & MCDONNELL MICHIGAN, INC.
4000 TOWN CENTER DRIVE, SUITE 700
SOUTHFIELD, MI 48075



VICINITY MAP
NOT TO SCALE

SHEET LIST TABLE

SHEET TITLE	SHEET NUMBER
GENERAL	
COVER & INDEX	CV-200-001
LEGEND & ABBREVIATIONS	CV-200-002
LEGAL DESCRIPTIONS AND OWNERSHIP	CV-210-001
EXISTING CONDITIONS & CLEARING	
KEY PLAN	CV-220-001
PARCEL IDENTIFICATION & ZONING PLAN	CV-220-002
ENLARGED PLAN 01	CV-221-001
ENLARGED PLAN 02	CV-221-002
ENLARGED PLAN 03	CV-221-003
SITE IMPROVEMENTS	
KEY PLAN	CV-240-001
ENLARGED PLAN 01	CV-241-001
ENLARGED PLAN 02	CV-241-002
ENLARGED PLAN 03	CV-241-003
ENLARGED PLAN 04	CV-241-004
ENLARGED PLAN 05	CV-241-005
ENLARGED PLAN 06	CV-241-006
ENLARGED PLAN 07	CV-241-007
ENLARGED PLAN 08	CV-241-008
ENLARGED PLAN 09	CV-241-009
LANDSCAPE PLAN	CV-242-001
VEGETATIVE BUFFER DETAILS	CV-245-001
PERIMETER FENCE DETAILS	CV-245-002
SAFETY SIGNS	CV-245-003
EROSION & SEDIMENT CONTROL	
KEY PLAN	CV-250-001
ENLARGED PLAN 01	CV-251-001
ENLARGED PLAN 02	CV-251-002
ENLARGED PLAN 03	CV-251-003
ENLARGED PLAN 04	CV-251-004
ENLARGED PLAN 05	CV-251-005
ENLARGED PLAN 06	CV-251-006
ENLARGED PLAN 07	CV-251-007
ENLARGED PLAN 08	CV-251-008
ENLARGED PLAN 09	CV-251-009
CAB DETAILS	EP-350
ISA ELEVATION VIEW	EP-351

PROJECT INFORMATION – ALCONA COUNTY – HARRISVILLE TOWNSHIP

ITEM	QUANTITY	UNIT
AREA WITHIN PROJECT FENCELINES	479.7	AC
AREA OF ROADWAYS OUTSIDE PROJECT FENCELINES	0.7	AC
AREA OF TREE CLEARING	0.5	AC

DESCRIPTION OF PROPOSED DEVELOPMENT:
THE PROJECT IS PLANNED TO BE A 94-MEGAWATT AC / 116.5-MEGAWATT DC PHOTOVOLTAIC POWER GENERATION FACILITY. THE DEVELOPMENT WILL INCLUDE, BUT IS NOT LIMITED TO, SINGLE-AXIS TRACKING SYSTEMS SUPPORTED BY STEEL PILES, CENTRAL INVERTERS INTEGRATED WITH PAD-MOUNT DISTRIBUTION TRANSFORMERS, GRAVEL ACCESS ROADS, UNDERGROUND COLLECTOR CABLES, AND JUNCTION BOXES.

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

GENERAL
COVER & INDEX

SCALE: NOT TO SCALE
JOB: 192088
DRAWING NO. 1823-CV-200
SHEET 001
REV. B
UNIT: N/A

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-200-001.DWG 9/22/2026 1:32 PM ACGEORGE

ABBREVIATIONS:

ABC	AGGREGATE BASE COURSE
AC	ALTERNATING CURRENT COLLECTION LINE
ACO	AT CONTRACTOR'S OPTION
AHJ	AUTHORITY HAVING JURISDICTION
AVE	AVENUE
BMP	BEST MANAGEMENT PRACTICES
CL	CENTER LINE
CONC	CONCRETE
COR	CORNER
CY	CUBIC YARD
DEC	DECIDUOUS
DIA	DIAMETER
DR	DRIVE
DTL	DETAIL
DWG	DRAWING
E	EAST / EASTING
ECL	EROSION CONTROL LOG
EGLE	DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
EL / ELEV	ELEVATION
EOP	END OF PIPE
EOR	ENGINEER OF RECORD
EP	END POINT
EPA	ENVIRONMENTAL PROTECTION AGENCY
ESMT	EASEMENT
EVS	EVERGREENS
EXIST / EXIST.	EXISTING
FES	FLARED END SECTION
FO	FIBER OPTIC LINE (UNDERGROUND)
FT	FOOT/FEET
G	GAS LINE (UNDERGROUND)
GA	GAUGE
HDPE	HIGH-DENSITY POLYETHYLENE
HR	HOUR
HP	HIGH POINT
ID	INSIDE DIAMETER
INV	INVERTER
LOD	LIMITS OF DISTURBANCE
LOS	LIMITS OF SEEDING
MAX	MAXIMUM
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MIN	MINIMUM
N	NORTH / NORTHING
NE	NORTH EAST
NW	NORTH WEST
OD	OUTSIDE DIAMETER
OHE	OVERHEAD ELECTRIC LINE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE PAVEMENT
PI	POINT OF INTERSECTION
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
PVMT	PAVEMENT
R	RADIUS
RAD	RADIAN
RD	ROAD
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SBST	SUBSTATION
SE	SOUTHEAST
SHB	SHRUBS
STA	STATION
STD	STANDARD
STR	STRUCTURE
SW	SOUTHWEST
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
T	TELEPHONE LINE (UNDERGROUND)
TYP / TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
YR	YEAR

LEGEND:

EXISTING CONDITIONS & CLEARING:

- CEMETERY
- CLEARING – TREES/SHRUBS
- 300 EXISTING CONTOUR (MAJOR)
- 322 EXISTING CONTOUR (MINOR)
- CULVERT
- DEMOLITION – LINEAR FEATURE
- DEMOLITION – STRUCTURE
- DITCH – CENTER
- EASEMENTS
- EASEMENTS – UTILITIES
- E ELECTRICAL – OVERHEAD SERVICE LINES
- E ELECTRIC – OVERHEAD DISTRIBUTION LINES
- MV COLLECTION ONLY PARCELS
- FEMA – FLOOD ZONE (A)
- FENCE – GUARDRAIL
- FO FIBER OPTIC – UNDERGROUND
- HISTOLS
- LIGHT POLE
- LIMITS OF EARTHWORK
- MISCELLANEOUS – MAILBOX
- MISCELLANEOUS – SIGN
- MUCK
- POND EDGE
- E POWER – EQUIPMENT
- POWER – STRUCTURE
- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- EXISTING BUILDING
- X X EXISTING FENCE
- EXISTING TREELINE
- EXISTING ROADS
- R/W ROAD – RIGHT OF WAY
- STREAM – JURISDICTIONAL
- SWAMP
- T TELEPHONE EQUIPMENT
- TELEPHONE EQUIPMENT – GUY WIRE
- TOWNSHIP BOUNDARY
- E UNDERGROUND – ELECTRIC
- G UNDERGROUND – GAS LINE
- T UNDERGROUND – TELEPHONE
- W UNDERGROUND – WATER
- WATERBODY – JURISDICTIONAL
- WATERBODY – NON-JURISDICTIONAL
- WELL
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL

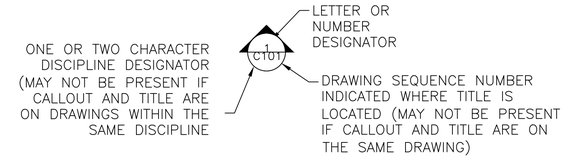
LEGEND:

SITE IMPROVEMENTS & GRADING:

- 300 PROPOSED CONTOUR (MAJOR)
- 322 PROPOSED CONTOUR (MINOR)
- CULVERT
- FENCE
- 24-FT DOUBLE SWING GATE
- INVERTER
- AC MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- LOD LIMITS OF DISTURBANCE
- LOD LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- AREAS OF LOW GROW SEED MIX PRE-SEEDING (BY OWNER)
- AREAS OF ADDITIONAL LOW GROW SEED MIX SEEDING PER PROJECT SPECIFICATIONS
- VEGETATIVE BUFFER
- 45 DBA SOUND CONTOUR

EROSION & SEDIMENT CONTROL:

- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW



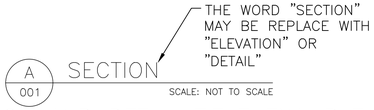
SECTION AND DETAIL SYMBOL IDENTIFIERS



SECTION CALLOUT EXAMPLE



DETAIL CALLOUT EXAMPLE



SECTION AND DETAIL TITLE EXAMPLE

SECTION AND DETAIL IDENTIFICATION SYSTEM

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

GENERAL
LEGEND & ABBREVIATIONS

UNIT: N/A

SCALE: NOT TO SCALE	DRAWING NO.	SHEET	REV.
JOB: 192088	1823-CV-200	002	B

060-018-300-012-00: DONNA JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON, HUSBAND AND WIFE, AS JOINT TENANTS WITH FULL RIGHTS OF SURVIVORSHIP:

LEGAL DESCRIPTION:

The following described premises situated in the Township of Harrisville, County of Alcona, State of Michigan,

The South Half (S-1/2) of the Southwest Quarter (SW-1/4) of Section 18, T26N, R9E; EXCEPT Commencing at the centerline of Barlow Road and intersection of South line; thence North 547 feet along centerline to the Point of Beginning; thence Easterly 297 feet; thence Northerly 119 feet; thence Easterly 384 feet; thence Northerly 584 feet; thence Northerly 681 feet; thence Southerly 703 feet along centerline of Barlow Road to the Point of Beginning.

Parcel ID No.: 060-018-300-012-00

060-018-400-015-01: BRUCE BUURMA AND AMY BUURMA, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETIES:

LEGAL DESCRIPTION:

The following described premises: Situated in the Township of Harrisville, Alcona County, Michigan:

The Southeast 1/4 of Section 18, Township 26 North, Range 9 East, EXCEPT commencing at the Southeast corner; thence North 369.6 feet to the point of beginning; thence West 316.8 feet; thence North 198 feet; thence East 316.8 feet; thence South 198 feet to the point of beginning; EXCEPT commencing at the Southeast comer; thence North 89° 41'54" West along an existing fence line 993.25 feet; thence North 00°45'05" East 988.05 feet; thence South 89° 14'55" East 993.22 feet; thence South 00°45'05" West along the East line of said section and the centerline of Coville Road 412.65 feet; thence North 89°14'55" West 316.80 feet; thence South 00°45'05" West 198.00 feet; thence South 89°14'55" East 316.80 feet; thence South 00°45'05" West along the East line of said section and centerline of Coville Road 369.60 feet to the point of beginning.

Parcel ID No.: 060-018-400-015-01

060-019-100-020-00: DONNA JANICE EMERICK:

LEGAL DESCRIPTION:

All those certain piece or parcel of land situate and being in the Township Harrisville, County of Alcona and State of Michigan, and described as follows, to-wit:

East half of the Northeast quarter, Section 19, Town 26, North, Range 9 East

Parcel ID No.: 060-019-100-020-00

060-019-200-010-00: DONNA JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON, HUSBAND AND WIFE, AS JOINT TENANTS WITH FULL RIGHTS OF SURVIVORSHIP:

LEGAL DESCRIPTION:

The following described premises situated in the Township of Harrisville, County of Alcona, State of Michigan,

The Northwest Quarter (NW-1/4) of the Northwest Quarter (NW-1/4) of Section 19, T26N, R9E.

Parcel ID No.: 060-019-200-010-00

060-019-300-004-00: DONNA JANICE EMERICK:

LEGAL DESCRIPTION:

All those certain piece or parcel of land situate and being in the Township of Harrisville, County of Alcona and State of Michigan, and described as follows, to-wit:

The North half of the Southwest quarter, Section 19, Town 26 North, Range 9 East.

Parcel ID No.: 060-019-300-004-00

060-019-400-005-00: DONNA JANICE EMERICK:

LEGAL DESCRIPTION:

All those certain piece or parcel of land situate and being in the Township of Harrisville, County of Alcona and State of Michigan, and described as follows, to-wit:

East half of Southeast quarter, Section 19, Town 26 North, Range 9 East.

Parcel ID No.: 060-019-400-005-00

060-019-400-010-01: DONNA JANICE EMERICK:

LEGAL DESCRIPTION:

All those certain piece or parcel of land situate and being in the Township of Harrisville, County of Alcona and State of Michigan, and described as follows, to-wit:

West half of Southeast quarter, Section 19, Town 26 North, Range 9 East.

LESS AND EXCEPT:

The following described premises situated in the Township of Harrisville, County of Alcona and State of Michigan, described as:

Commencing at the Northwest corner of the West 1/2 of the Southeast Quarter (SE-1/4) of Section 19, T26N, R9E, Southerly along West line, 481 feet more or less to concrete marker thence Easterly 444 feet more or less to concrete marker; thence Northerly 172 feet more or less to concrete marker; thence Northeasterly 166 feet more or less to concrete marker; thence Northerly 184 feet more or less to North line (center of Clemens Road); thence Westerly along line 551 feet more or less to Point of Beginning, as conveyed in Liber 357, Page 426 and Liber 361, Page 680 in Public Records of Alcona County, Michigan.

Parcel ID No.: 060-019-400-010-01

060-030-100-011-00: RANDY A. THOMPSON AND KATHERINE M. THOMPSON, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETIES, ALSO RESERVING A LIFE ESTATE (LADY BIRD DEED):

LEGAL DESCRIPTION:

The following described premises situated in the Township of Gustin, County of Alcona and State of Michigan, described as follows:

The NE/4 of the NW/4 and NE/4, Except E/2 of E/2 of Section 30, T26N, R9E

Parcel ID No.: 060-030-100-011-00

060-030-300-005-01: PATRICIA E. PERKINS AS TRUSTEE (INCLUDING SUCCESSORS IN TRUST) OF THE PATRICIA E. PERKINS TRUST UNDER A TRUST AGREEMENT DATED JANUARY 25, 2022:

LEGAL DESCRIPTION:

Land situated in Harrisville Township, Alcona County, Michigan to-wit:

The Southwest Quarter (SW-1/4) of the Southwest Quarter (SW-1/4) of Section 30, Township 26 North, Range 9 East, EXCEPT the West 577 feet of the South 433 feet.

AND

The Southeast Quarter (SE-1/4) of the Southwest Quarter (SW-1/4) of Section 30, Township 26 North, Range 9 East, EXCEPT Beginning at the South 1/4 corner of said Section 30, thence due North along the North/South 1/4 line 188.17 feet, thence S89°35'06"W 326.48 feet, thence S01°00'28"W to the South Section line of said Section 30 and centerline of Procunier Road 186.18 feet, thence N89°56'21"E along said Section line 329.74 feet to the Point of Beginning.

AND

The Northwest Quarter (NW-1/4) of the Southwest Quarter (SW-1/4) of Section 30, Township 26 North, Range 9 East.

AND

The Northeast Quarter (NE-1/4) of the Southwest Quarter (SW-1/4) of Section 30, Township 26 North, Range 9 East.

Parcel ID No. 060-030-300-005-01

060-030-400-010-00: DONALD COLIN MACMASTER AND DR. TINA MARIE ROSSI, HIS WIFE:

LEGAL DESCRIPTION:

The following described premises situated in the Township of Harrisville, County of Alcona, State of Michigan, to-wit:

The N-1/2 of the SE-1/4 of Section 30, T26N, R9E

AND

The SW-1/4 of the SE-1/4 of Section 30, T26N, R9E

Parcel ID No.: 060-030-400-010-00

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME
G. ALBANSODER

MICHIGAN P.E. No.
6201313263

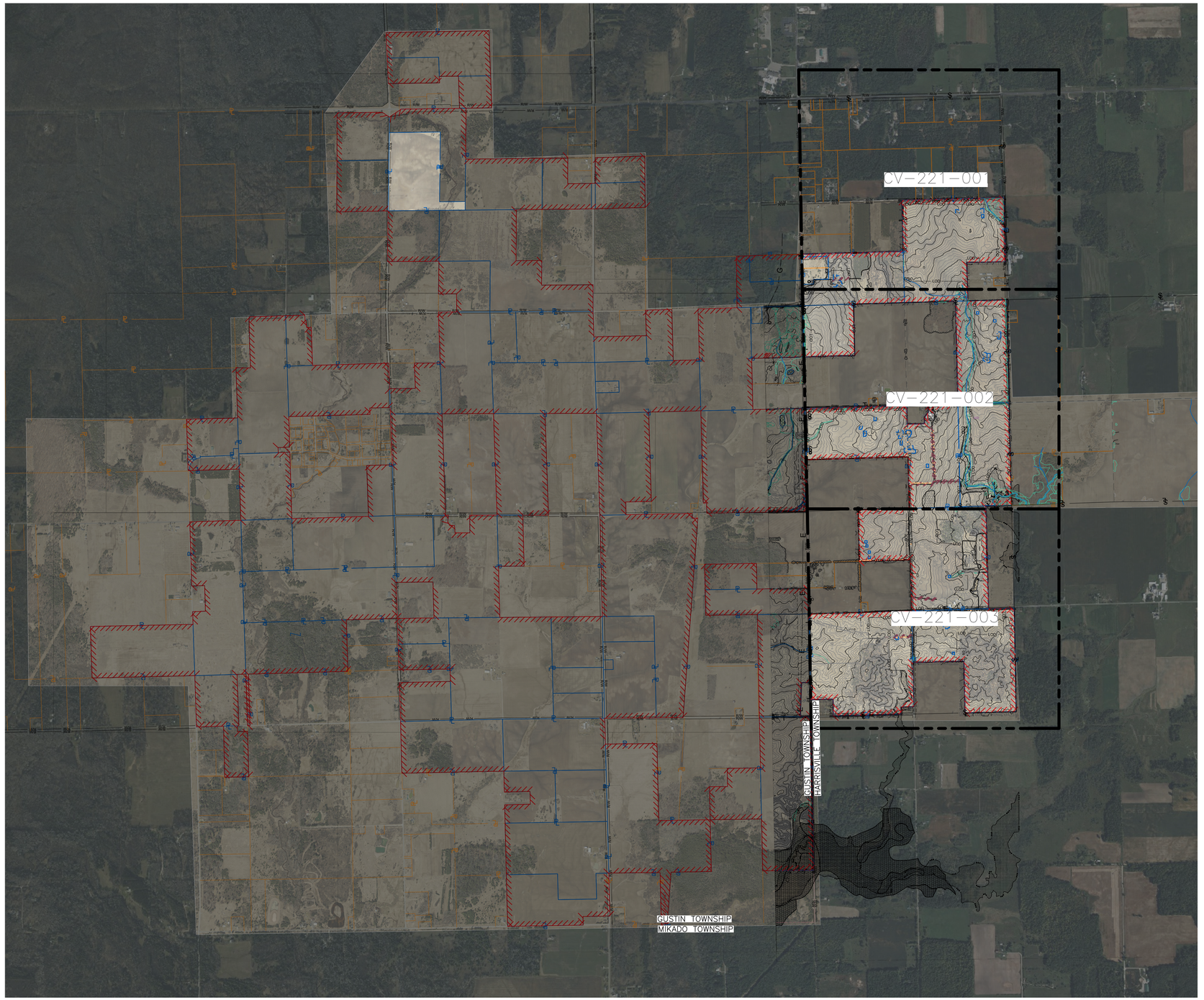
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

GENERAL
LEGAL DESCRIPTIONS AND OWNERSHIP

UNIT:N/A

SCALE:	N/A	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-210	001	B



GENERAL NOTES:

1. THE PROJECT SITE IS COVERED BY THE FOLLOWING FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBERS: 26001C0270D, 09/28/2012; 26001C0275D, 09/28/2012; 26001C0407D, 09/28/2012; 26001C0410D, 09/28/2012; 26001C0425D, 09/28/2012.
2. ALL BODIES OF WATER WITHIN THE PROJECT BOUNDARY ARE NOT COUNTY DRAINS. RESEARCH WAS COMPLETED BY METRO CONSULTING ASSOCIATES AND CONFIRMED BY THE ALCONA COUNTY DRAIN COMMISSIONER ON 04/23/2024.
3. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE.
4. THERE ARE NO KNOWN EXISTING DUMPSTERS LOCATED ON THE PROPERTY.
5. THESE PLANS DEPICT INFORMATION TAKEN DIRECTLY FROM THE ALTA/NSPS LAND TITLE SURVEY CONDUCTED BY METRO CONSULTING ASSOCIATES, DATED 02/04/2026 AND LAST REVISED 04/21/2026 (REVISION B), WITH THE EXCEPTION OF THE WETLAND INFORMATION. REFER TO THE ALTA/NSPS SURVEY DOCUMENTS FOR COMPLETE INFORMATION.
6. HORIZONTAL DATUM: NAD83 MICHIGAN STATE PLANE COORDINATE SYSTEM; CENTRAL ZONE, GEOID 12B, INTERNATIONAL FEET.
7. VERTICAL DATUM: NAVD88 (GEOID 18)
   6.1 GROUND ELEVATIONS WERE ESTABLISHED BY ROWE PROFESSIONAL SERVICES COMPANY.

LEGEND:

EXISTING CONDITIONS & CLEARING:

- CLEARING – SHRUB/VEGETATION
- 300 CONTOUR (MAJOR)
- 322 CONTOUR (MINOR)
- DEMOLITION – FENCE
- DEMOLITION – STRUCTURE
- EASEMENTS
- E ELECTRIC – OVERHEAD DISTRIBUTION LINES
- FO FIBER OPTIC – UNDERGROUND
- LIGHT POLE
- LIMITS OF EARTHWORK
- MISCELLANEOUS – SIGN
- POND EDGE
- PROJECT BOUNDARY – CONSUMERS ENERGY
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- EXISTING TREELINE
- R/W ROAD – RIGHT OF WAY
- STREAM – JURISDICTIONAL
- E UNDERGROUND – ELECTRIC
- G UNDERGROUND – GAS LINE
- T UNDERGROUND – TELEPHONE
- W UNDERGROUND – WATER
- WATERBODY – JURISDICTIONAL
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL

1400' 700' 0 1400' 2800'
1" = 1400'

STATE OF MICHIGAN
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License No. 6201313263
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09/23/2026

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REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
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SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EXISTING CONDITIONS & CLEARING KEY PLAN

UNIT: N/A
SCALE: 1" = 1400'
JOB: 192088
DRAWING NO.: 1823-CV-220
SHEET: 001
REV.: B

EXISTING CONDITIONS & ZONING LEGEND:

- PROPERTY BOUNDARY – CONSUMERS ENERGY
- PROPERTY LINE – PARTICIPATING
- NON–PARTICIPATING PARCEL

COLOR	HARRISVILLE TOWNSHIP ZONES
	RURAL RESIDENTIAL (R–1)
	AGRICULTURE (A)
	ENVIRONMENTAL CONSERVATION (EC)
	GENERAL COMMERCIAL (C–2)
	INDUSTRIAL/ EXTRACTIVE (I)

PARCEL #	LANDOWNER	ZONING	USE TYPE	PARCEL ACREAGE	FENCED ACREAGE
060–018–300–012–00	JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON	A	SOLAR FACILITIES	69.21	12.34
060–018–400–015–01	BRUCE BUURMA AND AMY BUURMA	A	SOLAR FACILITIES	136.11	89.05
060–019–100–020–00	DONNA JANICE EMERICK	A	SOLAR FACILITIES	79.48	38.77
060–019–200–010–00	DONNA JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON	A	SOLAR FACILITIES	39.60	29.10
060–019–300–004–00	DONNA JANICE EMERICK	A	SOLAR FACILITIES	79.46	57.49
060–019–400–005–00	DONNA JANICE EMERICK	A	SOLAR FACILITIES	79.56	38.30
060–019–400–010–01	DONNA JANICE EMERICK	A	SOLAR FACILITIES	74.14	63.37
060–030–100–011–00	RANDY A. THOMPSON AND KATHERINE M. THOMPSON	A	SOLAR FACILITIES	159.11	91.21
060–030–300–005–01	PATRICIA E. PERKINS	A	SOLAR FACILITIES	152.80	20.43
060–030–400–010–00	DONALD COLIN MACMASTER AND DR. TINA MARIE ROSSI	A	SOLAR FACILITIES	120.41	39.61

NOTES:
1. SEE DRAWINGS 210–001 FOR LEGAL DESCRIPTIONS FOR PARCELS USED FOR SOLAR PROJECT.
2. THE USE TYPE OF "SOLAR FACILITIES" INCLUDES THE ABOVE AND BELOW GROUND INFRASTRUCTURE ASSOCIATED WITH A SOLAR FACILITY.
3. ZONING BOUNDARIES ARE APPROXIMATE AND PROVIDED FOR GENERAL ILLUSTRATIVE PURPOSES ONLY.
4. THE DESIGNATION "NO PROPERTY ADDRESS AVAILABLE" APPLIES TO ALL PARCELS WITHIN THE PROJECT BOUNDARY LOCATED IN HARRISVILLE TOWNSHIP. THE SUBJECT PARCELS CONTAIN NO RESIDENTIAL STRUCTURES WITH AN ESTABLISHED PROPERTY ADDRESS.

1400' 700' 0 1400' 2800'
1" = 1400'

STATE OF MICHIGAN
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REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
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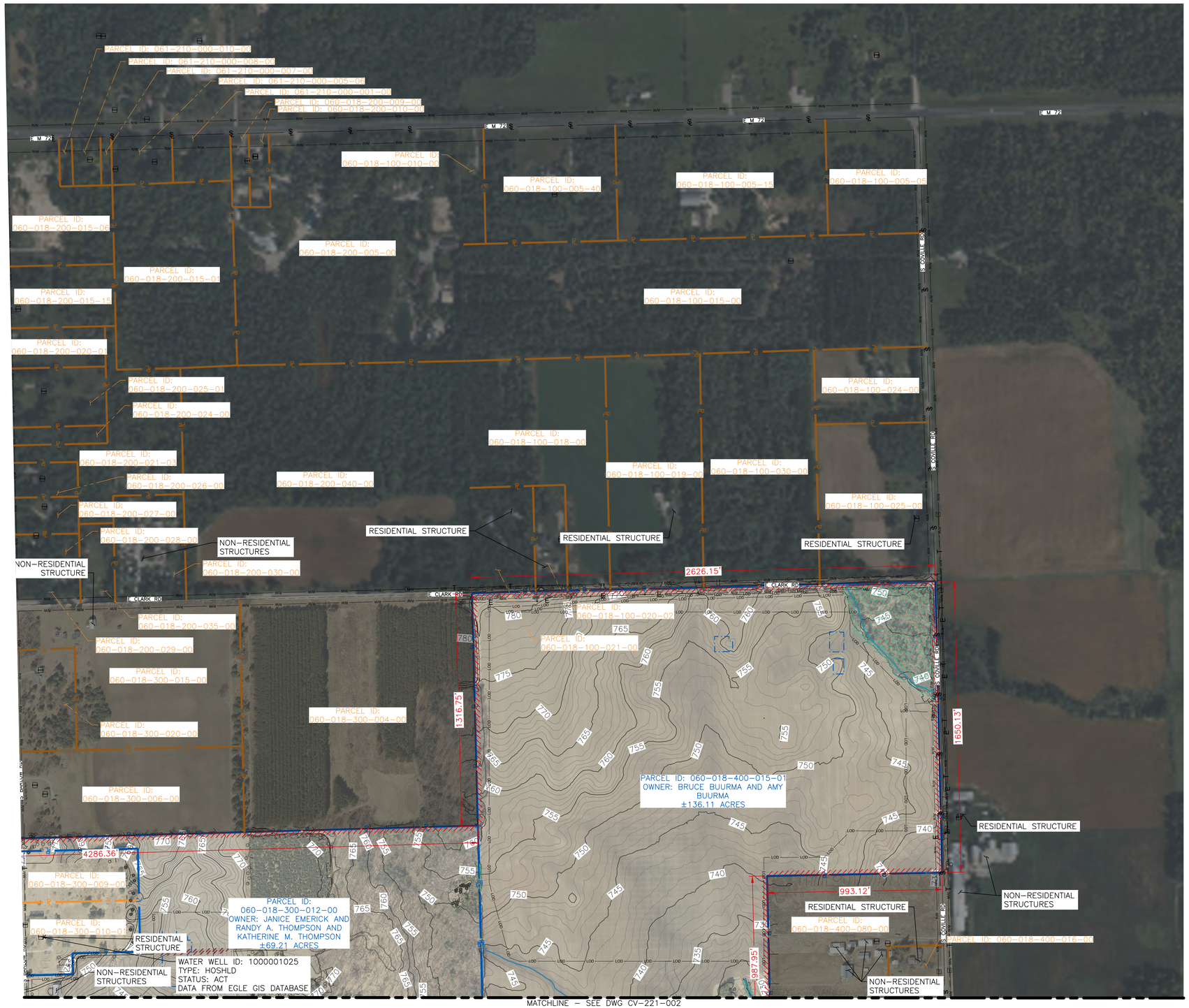
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EXISTING CONDITIONS & CLEARING
PARCEL IDENTIFICATION & ZONING PLAN

SCALE: 1" = 1400'
JOB: 192088
DRAWING NO. 1823–CV–220
SHEET 002
REV. B
UNIT: N/A



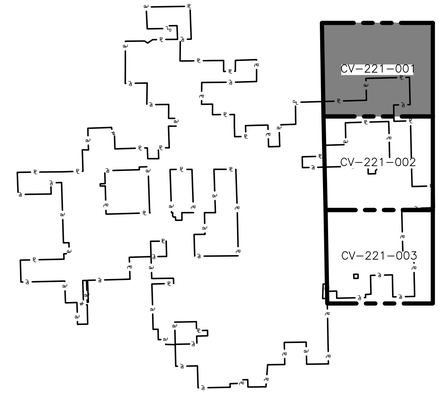
GENERAL NOTES:

1. THE PROJECT SITE IS COVERED BY THE FOLLOWING FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBERS: 26001C0270D, 09/28/2012; 26001C0275D, 09/28/2012; 26001C0407D, 09/28/2012; 26001C0410D, 09/28/2012; 26001C0425D, 09/28/2012.
2. ALL BODIES OF WATER WITHIN THE PROJECT BOUNDARY ARE NOT COUNTY DRAINS. RESEARCH WAS COMPLETED BY METRO CONSULTING ASSOCIATES AND CONFIRMED BY THE ALCONA COUNTY DRAIN COMMISSIONER ON 04/23/2024.
3. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE.
4. THERE ARE NO KNOWN EXISTING DUMPSTERS LOCATED ON THE PROPERTY.

LEGEND:

EXISTING CONDITIONS & CLEARING:

- CLEARING – TREES/SHRUBS
- 300 EXISTING CONTOUR (MAJOR)
- 322 EXISTING CONTOUR (MINOR)
- DEMOLITION – LINEAR FEATURE
- DEMOLITION – STRUCTURE
- EASEMENTS
- HISTOLS
- E ELECTRIC – OVERHEAD DISTRIBUTION LINES
- FO FIBER OPTIC – UNDERGROUND
- LIGHT POLE
- LIMITS OF EARTHWORK
- MISCELLANEOUS – SIGN
- POND EDGE
- PROJECT BOUNDARY – CONSUMERS ENERGY
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- EXISTING TREELINE
- R/W ROAD – RIGHT OF WAY
- STREAM – JURISDICTIONAL
- E UNDERGROUND – ELECTRIC
- G UNDERGROUND – GAS LINE
- T UNDERGROUND – TELEPHONE
- WATERBODY – JURISDICTIONAL
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL



KEYMAP
NTS

300' 150' 0 300' 600'
1" = 300'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EXISTING CONDITIONS & CLEARING
ENLARGED PLAN 01

SCALE: 1" = 300'
JOB: 192088
DRAWING NO. 1823-CV-221
SHEET 001
REV. B
UNIT: N/A

SHEET SIZE: ANSI-D 22x34

MATCHLINE – SEE DWG CV-221-001

PARCEL ID: 060-018-300-012-00
OWNER: JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON
±69.21 ACRES

PARCEL ID: 060-018-400-015-01
OWNER: BRUCE BUURMA AND AMY BUURMA
±136.11 ACRES

PARCEL ID: 060-019-200-010-00
OWNER: DONNA JANICE EMERICK AND RANDY A. THOMPSON AND KATHERINE M. THOMPSON
±39.60 ACRES

PARCEL ID: 060-019-200-020-00

PARCEL ID: 060-019-100-025-01

PARCEL ID: 060-019-100-020-00
OWNER: DONNA JANICE EMERICK
±79.48 ACRES

PARCEL ID: 060-020-200-005-00

PARCEL ID: 060-020-200-015-00

PARCEL ID: 060-020-200-010-00

RESIDENTIAL STRUCTURE

NON-RESIDENTIAL STRUCTURES

PARCEL ID: 060-019-200-015-00

PARCEL ID: 060-019-100-030-01

PARCEL ID: 060-019-400-020-00

PARCEL ID: 060-019-300-004-00
OWNER: DONNA JANICE EMERICK
±79.46 ACRES

PARCEL ID: 060-019-400-010-01
DONNA JANICE EMERICK
±74.14 ACRES

PARCEL ID: 060-019-400-005-00
OWNER: DONNA JANICE EMERICK
±79.56 ACRES

PARCEL ID: 060-020-300-005-00

PARCEL ID: 060-020-300-010-00

PARCEL ID: 060-019-300-005-00

PARCEL ID: 060-030-100-005-00

E CLEMENS RD

S BACON RD

2617.84'
993.15'
1319.57'
2648.1'
2640.5'
3958.65'
3954.04'
761.6'
480.51'
495.07'
443.55'
2616.88'
1322.39'
1318.87'
1976.07'

MATCHLINE – SEE DWG CV-221-003

GENERAL NOTES:

1. THE PROJECT SITE IS COVERED BY THE FOLLOWING FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBERS: 26001C0270D, 09/28/2012; 26001C0275D, 09/28/2012; 26001C0407D, 09/28/2012; 26001C0410D, 09/28/2012; 26001C0425D, 09/28/2012.
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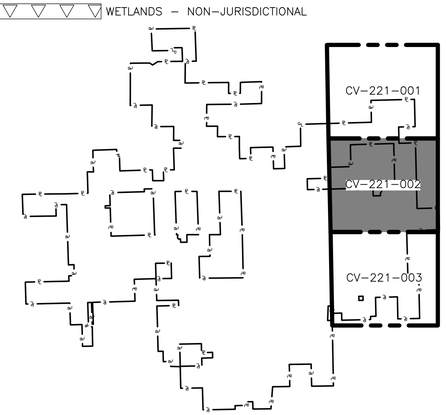
3. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE.
4. THERE ARE NO KNOWN EXISTING DUMPSTERS LOCATED ON THE PROPERTY.

LEGEND:

EXISTING CONDITIONS & CLEARING:

- CLEARING – TREES/SHRUBS
- 300 EXISTING CONTOUR (MAJOR)
- 322 EXISTING CONTOUR (MINOR)
- DEMOLITION – LINEAR FEATURE
- DEMOLITION – STRUCTURE
- EASEMENTS
- HISTOLS
- E ELECTRIC – OVERHEAD DISTRIBUTION LINES
- FO FIBER OPTIC – UNDERGROUND
- LIGHT POLE
- LIMITS OF EARTHWORK
- MISCELLANEOUS – SIGN
- POND EDGE
- PROJECT BOUNDARY – CONSUMERS ENERGY
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- EXISTING TREELINE
- R/W ROAD – RIGHT OF WAY
- STREAM – JURISDICTIONAL
- E UNDERGROUND – ELECTRIC
- G UNDERGROUND – GAS LINE
- T UNDERGROUND – TELEPHONE
- WATERBODY – JURISDICTIONAL
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL



KEYMAP
NTS

300' 150' 0 300' 600'
1" = 300'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EXISTING CONDITIONS & CLEARING
ENLARGED PLAN 02

UNIT:N/A

SCALE: 1" = 300'	DRAWING NO. 1823-CV-221	SHEET 002	REV. B
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-221-002.DWG 9/14/2026 5:10 PM GLALBANSODER

MATCHLINE – SEE DWG CV-221-002



GENERAL NOTES:

1. THE PROJECT SITE IS COVERED BY THE FOLLOWING FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBERS: 26001C0270D, 09/28/2012; 26001C0275D, 09/28/2012; 26001C0407D, 09/28/2012; 26001C0410D, 09/28/2012; 26001C0425D, 09/28/2012.
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3. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE.
4. THERE ARE NO KNOWN EXISTING DUMPSTERS LOCATED ON THE PROPERTY.

LEGEND:

EXISTING CONDITIONS & CLEARING:

- CLEARING – TREES/SHRUBS
- 300 EXISTING CONTOUR (MAJOR)
- 322 EXISTING CONTOUR (MINOR)
- DEMOLITION – LINEAR FEATURE
- DEMOLITION – STRUCTURE
- EASEMENTS
- HISTOLS
- E ELECTRIC – OVERHEAD DISTRIBUTION LINES
- FO FIBER OPTIC – UNDERGROUND
- LIGHT POLE
- LIMITS OF EARTHWORK
- MISCELLANEOUS – SIGN
- POND EDGE
- PROJECT BOUNDARY – CONSUMERS ENERGY
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- EXISTING TREELINE
- R/W ROAD – RIGHT OF WAY
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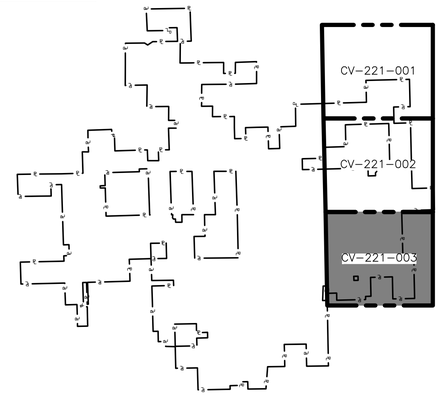
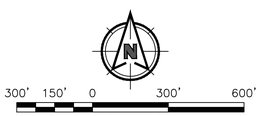
- E UNDERGROUND – ELECTRIC
- G UNDERGROUND – GAS LINE
- T UNDERGROUND – TELEPHONE
- WATERBODY – JURISDICTIONAL
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL



KEYMAP
NTS





09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME
G. ALBANSODER

MICHIGAN P.E. No.
6201313263

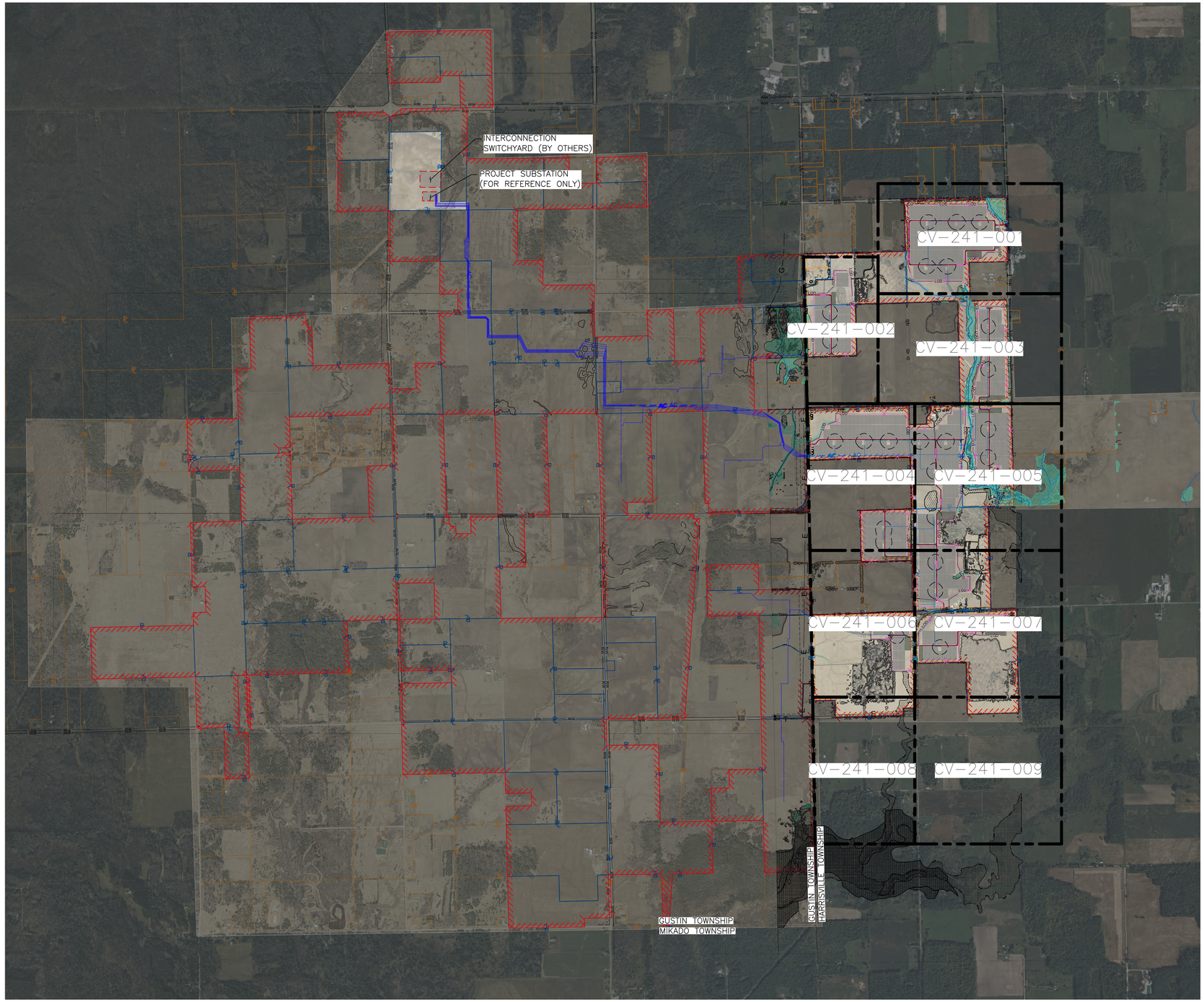
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EXISTING CONDITIONS & CLEARING
ENLARGED PLAN 03

UNIT:N/A

SCALE: 1" = 300'	DRAWING NO. 1823-CV-221	SHEET 003	REV. B
JOB: 192088			



NOTES:

1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
   6.1. NO NEW DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE PROPOSED.
7. THIS SITE WILL INCLUDE PROJECT SIGNAGE PROVIDING BASIC INFORMATION TO THE PUBLIC.
8. ALL INTERNAL TURNING RADII ALONG AGGREGATE ACCESS ROADS SHALL BE A MINIMUM OF 35-FT.
9. LOCATIONS OF UNDERGROUND COLLECTION LINES ARE APPROXIMATE IN NATURE AND SUBJECT TO CHANGE

SETBACK TABLE			
TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK – SEE NOTE 4
- FENCE – STREAM SETBACK – SEE NOTE 5
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER
- PROJECT SUBSTATION/SWITCHYARD

1400' 700' 0 1400' 2800'
1" = 1400'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

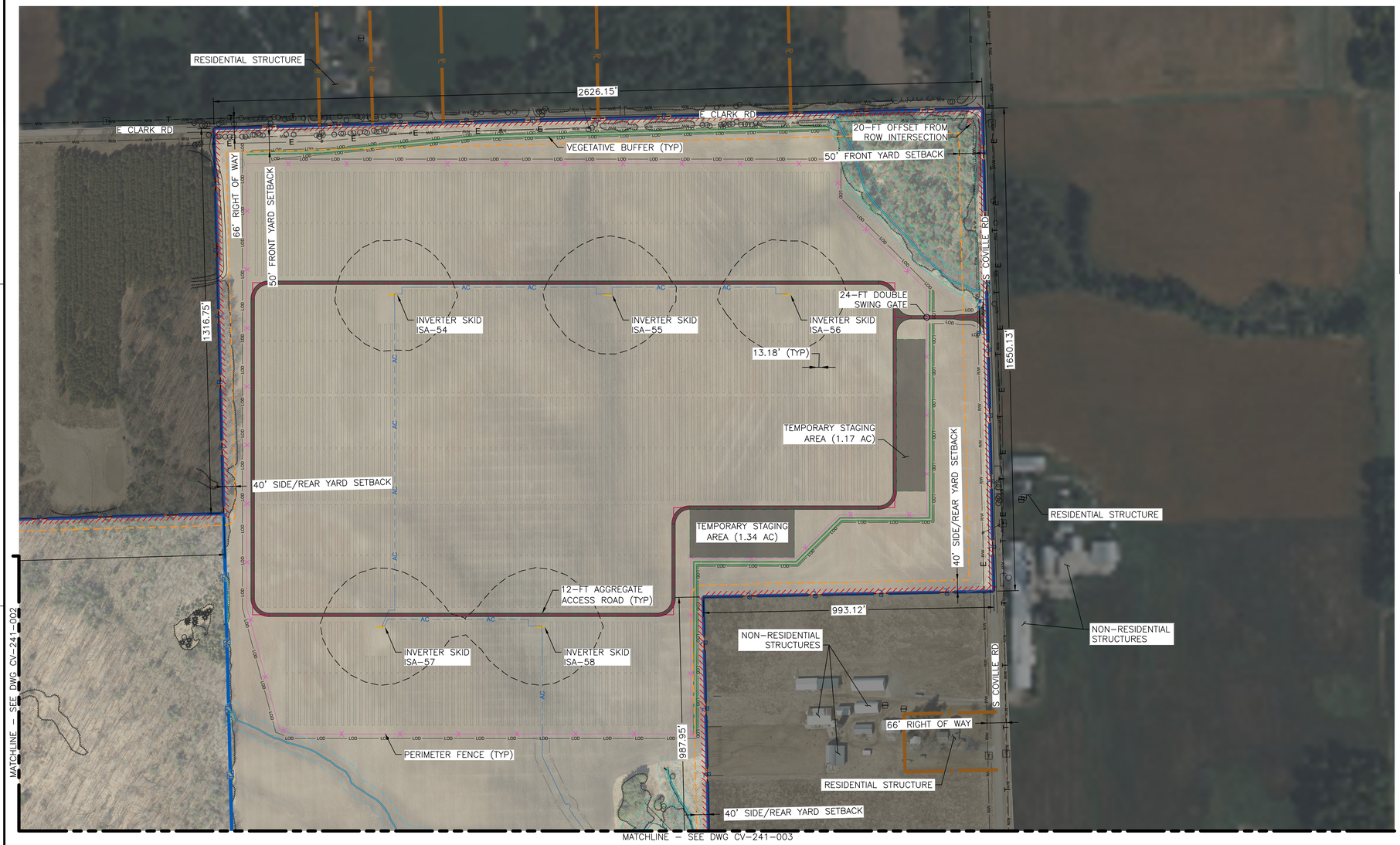
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS KEY PLAN

UNIT: N/A

SCALE: 1" = 1400'	DRAWING NO. 1823-CV-240	SHEET 001	REV. B
JOB: 192088			



GENERAL NOTES:

1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. ALL SITE ENTRANCE LOCATIONS SHALL PROVIDE EMERGENCY ACCESS.
7. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
   7.1. NO NEW DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE PROPOSED.
8. THIS SITE WILL INCLUDE PROJECT SIGNAGE PROVIDING BASIC INFORMATION TO THE PUBLIC.

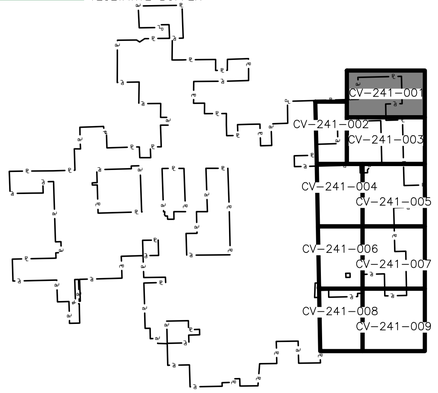
SETBACK TABLE

TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY - CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE - STREAM SETBACK
- PROPERTY LINE - NON-PARTICIPATING
- PROPERTY LINE - PARTICIPATING
- WETLANDS - JURISDICTIONAL
- WETLANDS - NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
NTS

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263
09/23/2026

200' 100' 0 200' 400'
1" = 200'

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

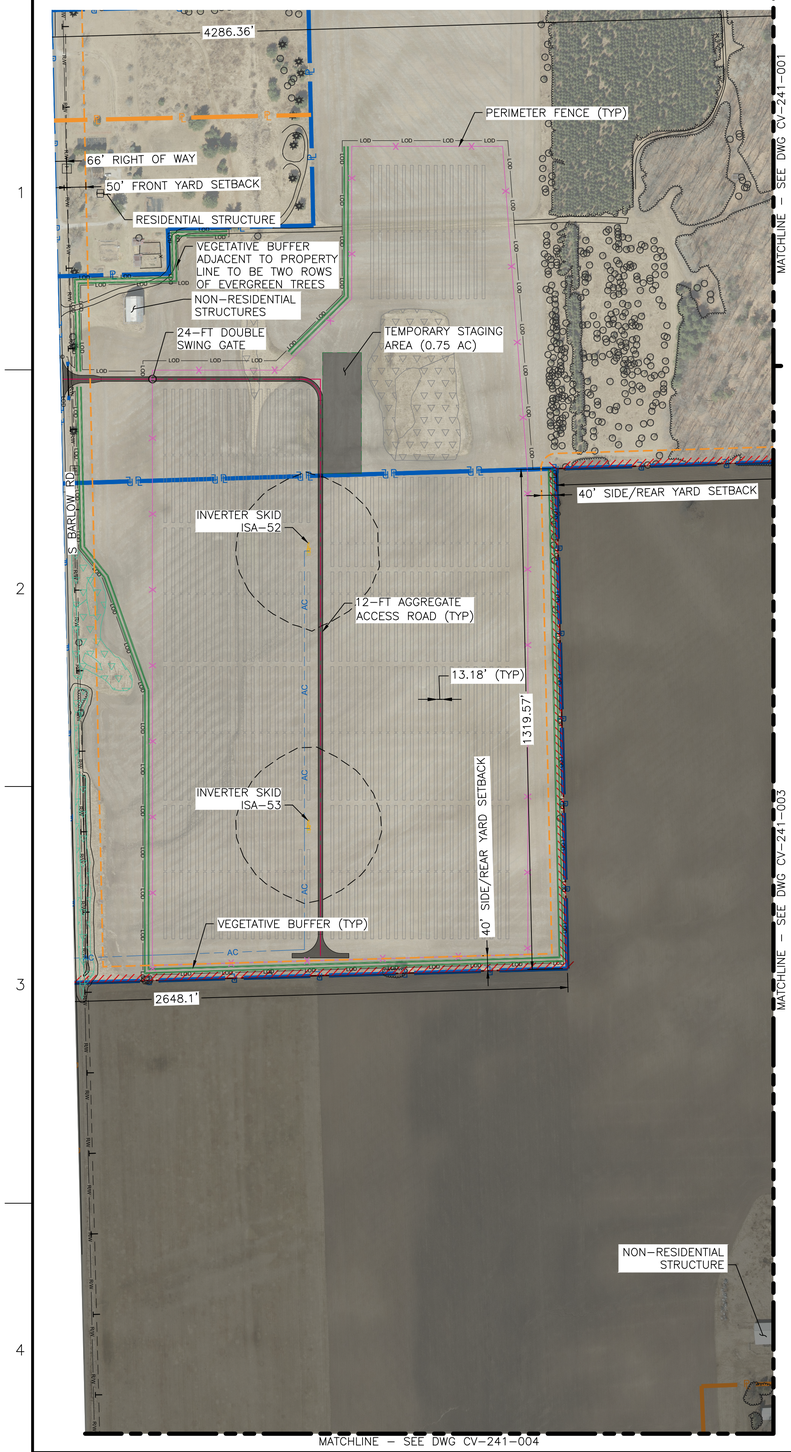
Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 01

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-241	SHEET 001	REV. B
JOB: 192088			

SHEET SIZE: ANSI-D 22x34



GENERAL NOTES:

1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. ALL SITE ENTRANCE LOCATIONS SHALL PROVIDE EMERGENCY ACCESS.
7. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
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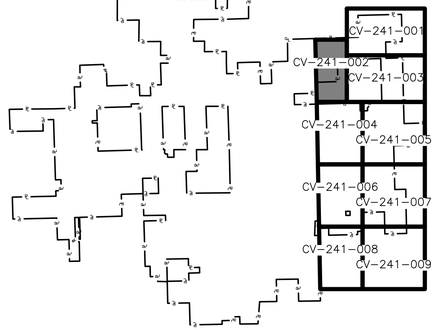
SETBACK TABLE			
TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

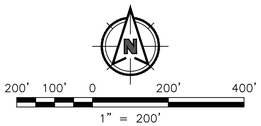
LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY - CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE - STREAM SETBACK
- PROPERTY LINE - NON-PARTICIPATING
- PROPERTY LINE - PARTICIPATING
- WETLANDS - JURISDICTIONAL
- WETLANDS - NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
NTS



STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
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License No. 6201313263
09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

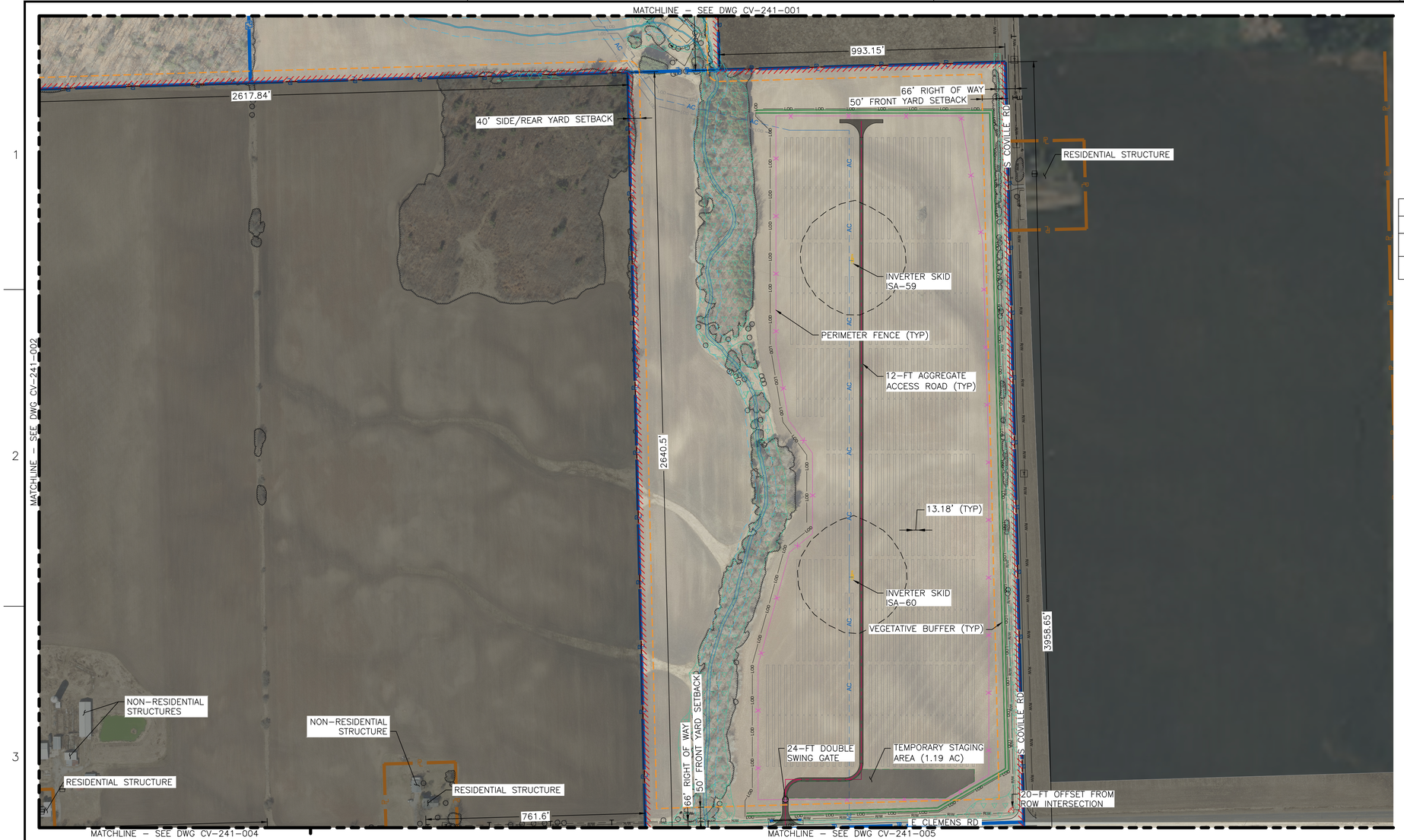
SITE IMPROVEMENTS
ENLARGED PLAN 02

UNIT:N/A.

SCALE: 1" = 200'	DRAWING NO. 1823-CV-241	SHEET 002	REV. B
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-241-002.DWG 9/22/2026 3:13 PM ACGEORGE

SHEET SIZE: ANSI-D 22x34



GENERAL NOTES:

1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. ALL SITE ENTRANCE LOCATIONS SHALL PROVIDE EMERGENCY ACCESS.
7. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
   7.1. NO NEW DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE PROPOSED.
8. THIS SITE WILL INCLUDE PROJECT SIGNAGE PROVIDING BASIC INFORMATION TO THE PUBLIC.

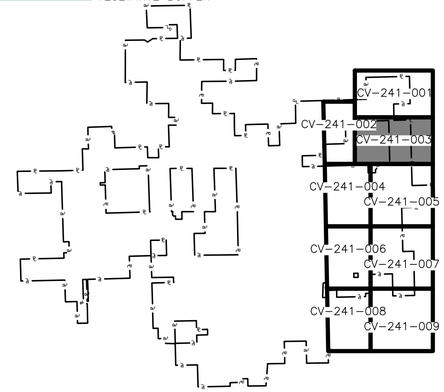
SETBACK TABLE

TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



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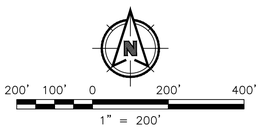




09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 03

UNIT: N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-241	SHEET 003	REV. B
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-241-003.DWG 9/14/2026 4:40 PM GLALBANSODER

GENERAL NOTES:

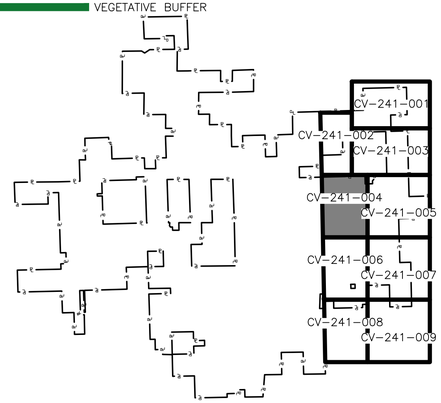
1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. ALL SITE ENTRANCE LOCATIONS SHALL PROVIDE EMERGENCY ACCESS.
7. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
   - 7.1. NO NEW DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE PROPOSED.
8. THIS SITE WILL INCLUDE PROJECT SIGNAGE PROVIDING BASIC INFORMATION TO THE PUBLIC.

SETBACK TABLE			
TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
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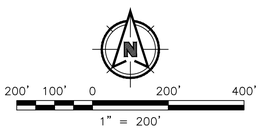


STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263
09/23/2026

FOR PERMITTING PURPOSES ONLY

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

REFERENCE DRAWINGS

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

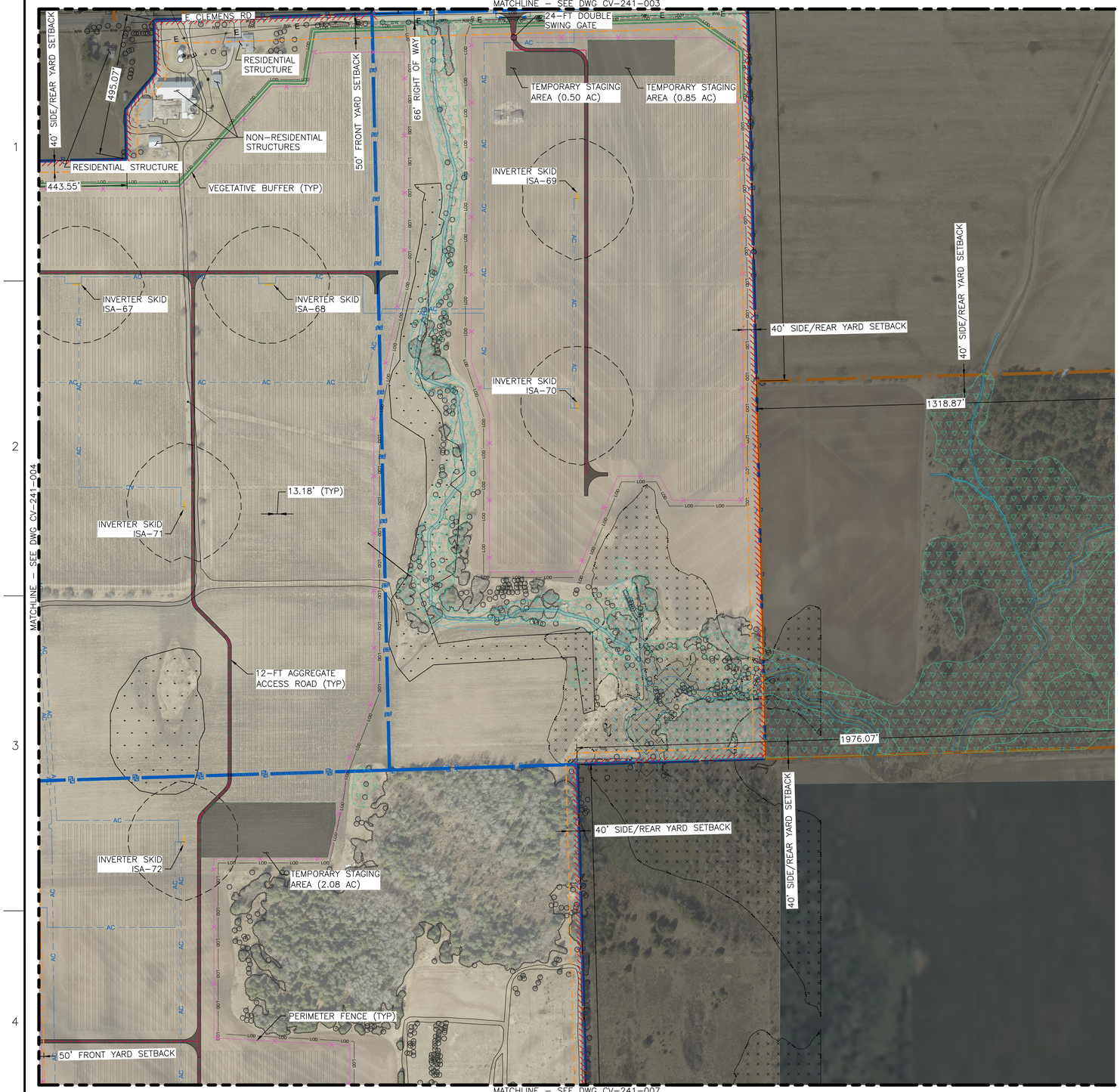
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 04

UNIT: N/A

SCALE:	1" = 200'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-241	004	B



GENERAL NOTES:

1. DRAWING SCALE FOR ENLARGED SITE PLANS IS PRESENTED AT 1" = 200' FOR LEGIBILITY OF REVIEW.
2. ALL TEMPORARY STAGING AREAS ARE TO BE CONSTRUCTED AT-GRADE (UNLESS NOTED OTHERWISE) AND WILL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE. FINAL CONTOURS ARE TO MATCH EXISTING CONTOURS.
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
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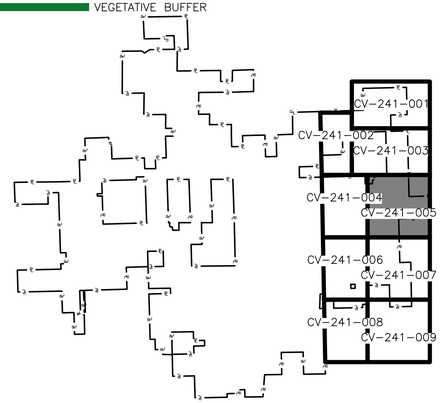
SETBACK TABLE

TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
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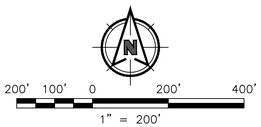


STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER
09/23/2026

FOR PERMITTING PURPOSES ONLY

REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

REFERENCE DRAWINGS

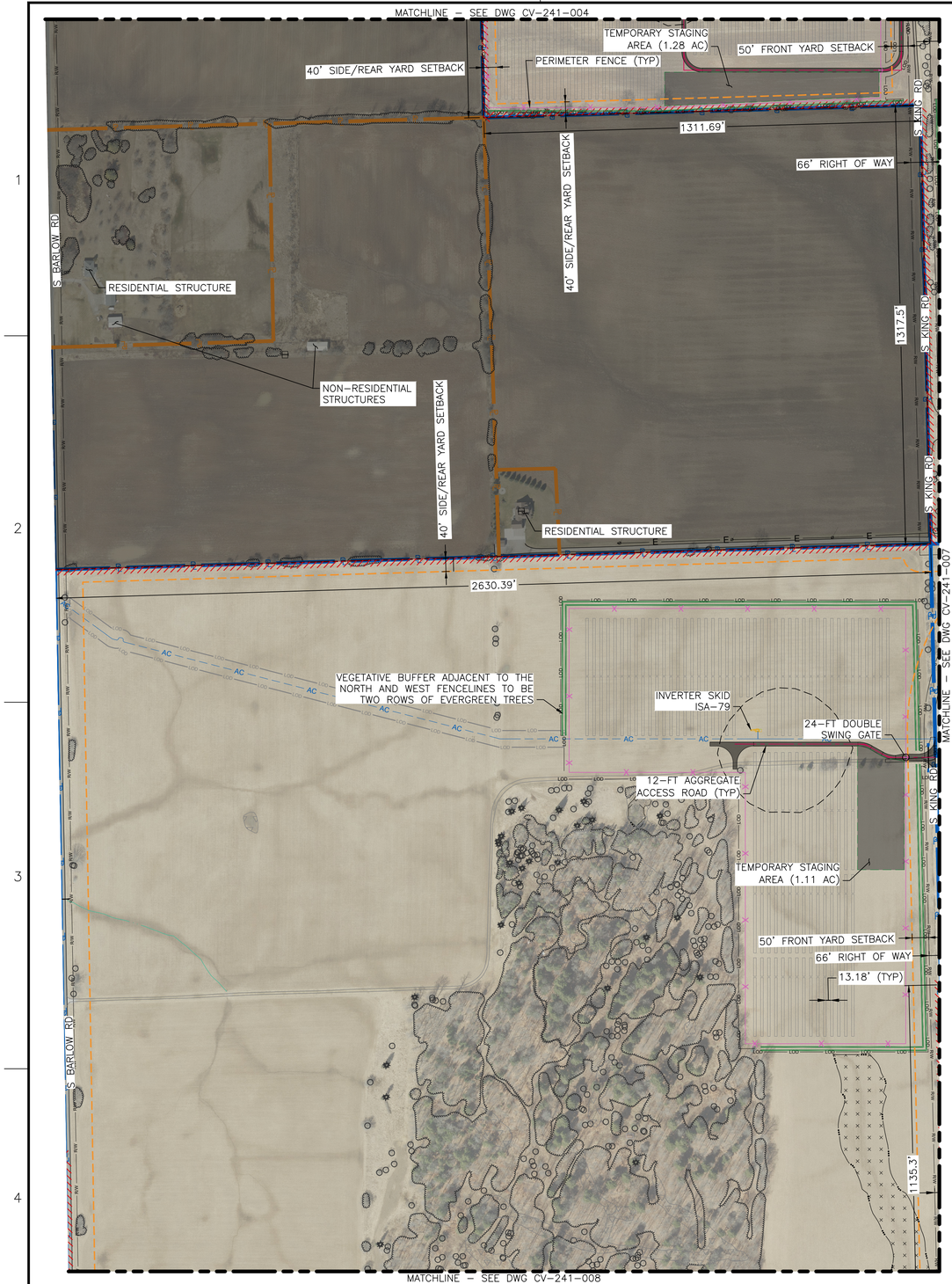
SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 05

SCALE: 1" = 200'
JOB: 192088
DRAWING NO.: 1823-CV-241
SHEET: 005
REV.: B
UNIT: N/A



GENERAL NOTES:

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SETBACK TABLE

TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
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- WETLANDS – NON-JURISDICTIONAL
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- CULVERT
- PROPOSED FENCE
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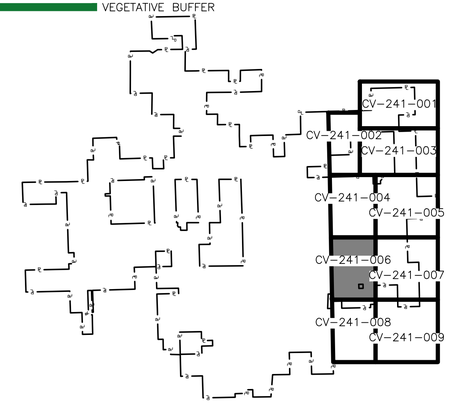
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
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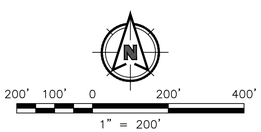



09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
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	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy

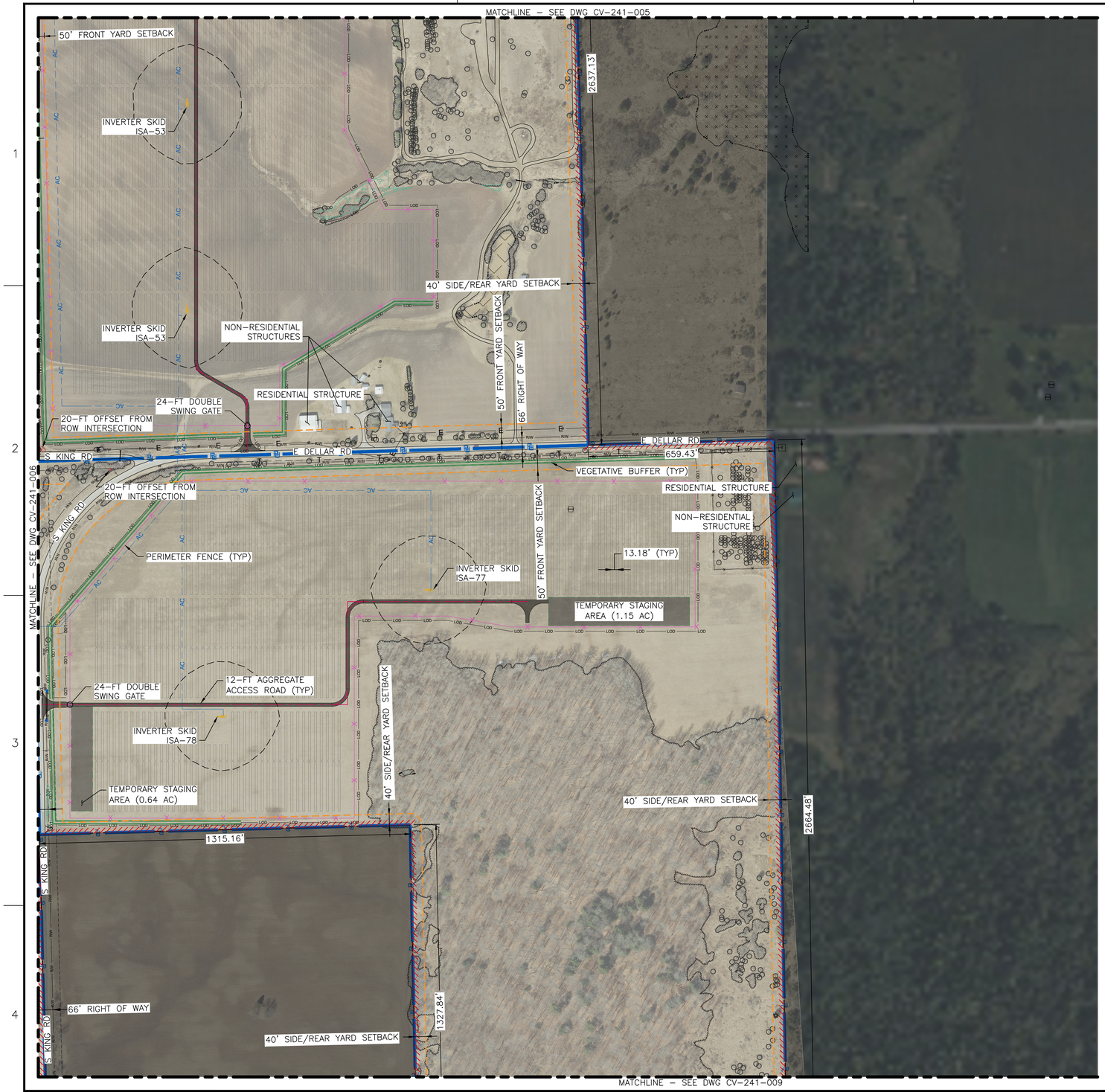
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 06

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-241	SHEET 006	REV. B
JOB: 192088			

SHEET SIZE: ANSI-D 22x34



GENERAL NOTES:

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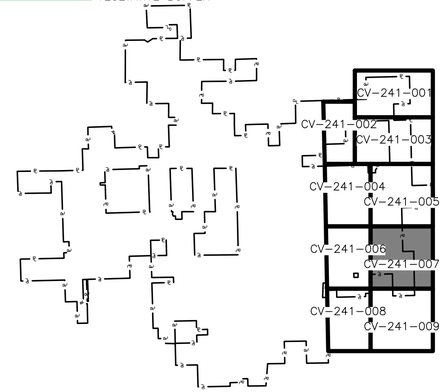
SETBACK TABLE

TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON–PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON–JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12–FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
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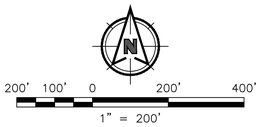



09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
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	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 07

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823–CV–241	SHEET 007	REV. B
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE–GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823–CV–241–007.DWG 9/14/2026 4:46 PM GLALBANSODER

SHEET SIZE: ANSI-D 22x34



GENERAL NOTES:

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SETBACK TABLE			
TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON–PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON–JURISDICTIONAL
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- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
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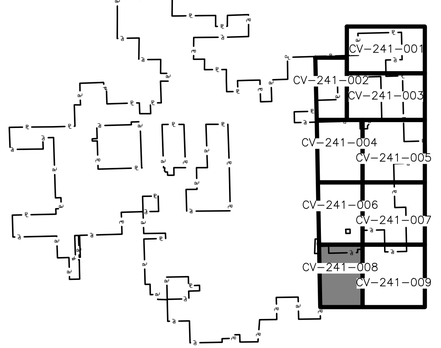
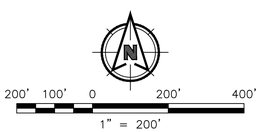
- 12–FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
NTS





09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	A	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 08

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823–CV–241	SHEET 008	REV. A
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-241-008.DWG 9/14/2026 4:46 PM GLALBANSODER



GENERAL NOTES:

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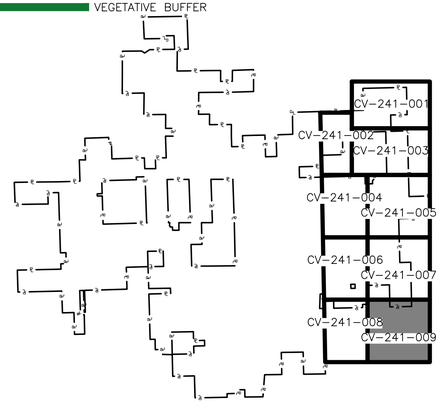
3. PRE-DEVELOPMENT DRAINAGE PATTERNS ARE TO BE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE.
4. SOLAR EQUIPMENT SETBACK INCLUDES REQUIRED SETBACKS FROM THE HARRISVILLE TOWNSHIP SOLAR ORDINANCE.
5. NO PORTION OF THE SUBJECT PROPERTY BORDERS A LAKE. FENCING SHALL BE SET BACK A MINIMUM OF 30' FROM THE ORDINARY HIGH-WATER MARK OF ON-SITE STREAMS.
6. ALL SITE ENTRANCE LOCATIONS SHALL PROVIDE EMERGENCY ACCESS.
7. NO DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE IDENTIFIED ON SITE.
   7.1. NO NEW DRAINAGE, SANITARY SEWER, STORM SEWERS, OR OTHER UTILITY MAINS ARE PROPOSED.
8. THIS SITE WILL INCLUDE PROJECT SIGNAGE PROVIDING BASIC INFORMATION TO THE PUBLIC.

SETBACK TABLE			
TYPE	MEASURED FROM	DISTANCE (FT)	REFERENCE
FRONT YARD	FROM ROW	50	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2
SIDE/REAR YARD	FROM PROPERTY LINE	40	HARRISVILLE TWP ORDINANCE SECTION 7.31 C.2

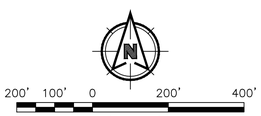
LEGEND:

SITE IMPROVEMENTS & GRADING:

- PROJECT BOUNDARY – CONSUMERS ENERGY
- SOLAR EQUIPMENT SETBACK
- FENCE – STREAM SETBACK
- PROPERTY LINE – NON-PARTICIPATING
- PROPERTY LINE – PARTICIPATING
- WETLANDS – JURISDICTIONAL
- WETLANDS – NON-JURISDICTIONAL
- LIMITS OF EARTHWORK
- CULVERT
- PROPOSED FENCE
- MEDIUM VOLTAGE CABLE (FOR REFERENCE ONLY)
- PROPOSED SOLAR ARRAY (FOR REFERENCE ONLY)
- TEMPORARY STAGING AREA
- 12-FT ACCESS ROAD
- 45 DBA SOUND CONTOUR
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE FOR ELECTRICAL INSTALLATION (FOR REFERENCE ONLY)
- VEGETATIVE BUFFER



KEYMAP
NTS





09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	A	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

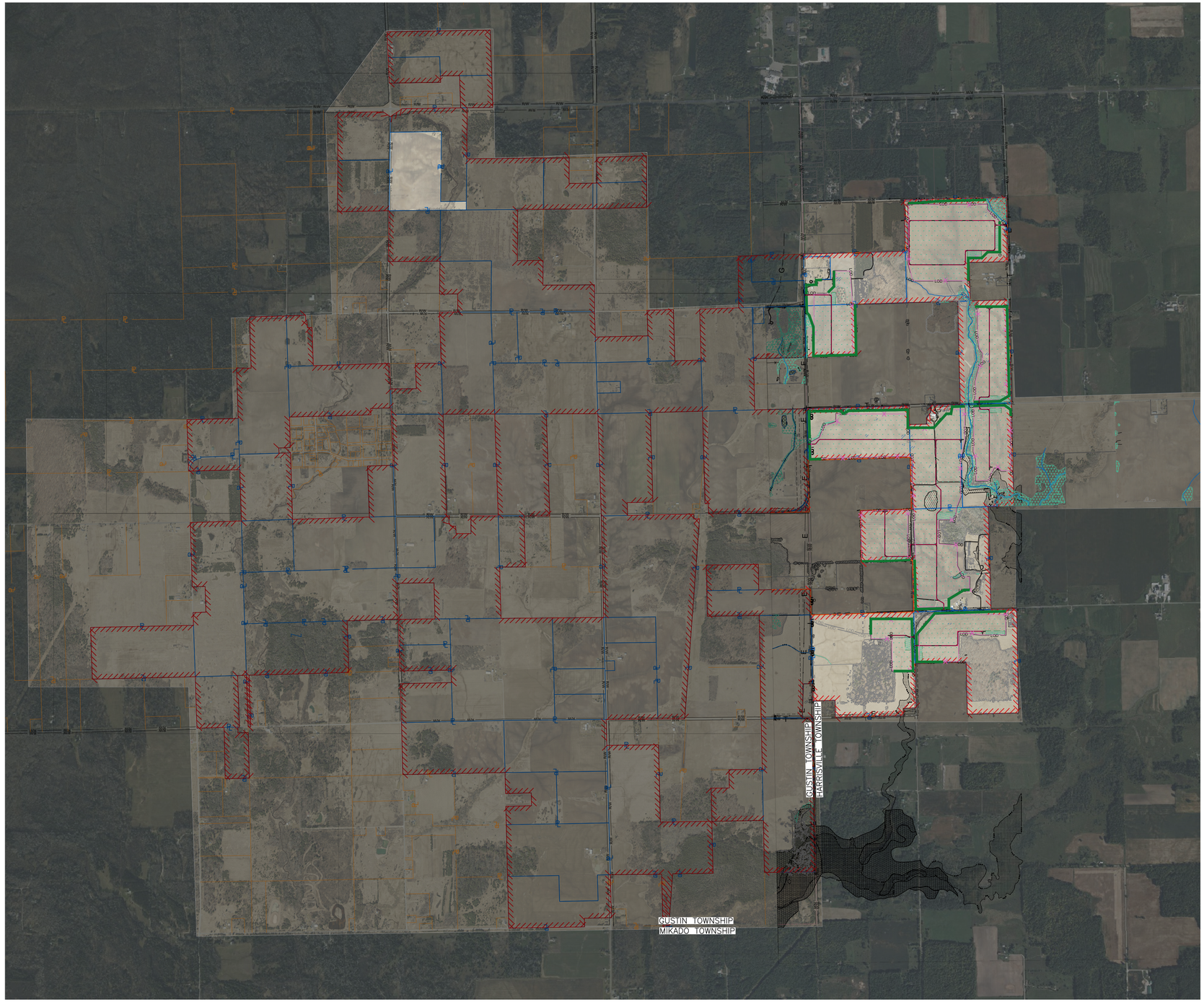
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
ENLARGED PLAN 09

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-241	SHEET 009	REV. A
JOB: 192088			



NOTES:

1. THE PROJECT SITE WAS PRE-SEEDED WITH LOW-GROW SEED MIX BY THE LANDOWNER DURING THE SPRING 2026 PLANTING SEASON; LOW-GROW MIX IS ONLY DEPICTED WITHIN THE LIMITS OF DISTURBANCE FOR CLARITY.
2. ADDITIONAL SEEDING DEPICTED ON THE EROSION & SEDIMENT CONTROL DRAWINGS IS FOR PERMANENT STABILIZATION OF KNOWN EARTH-DISTURBING ACTIVITIES ASSOCIATED WITH CIVIL CONSTRUCTION.
   2.1. SEEDING TO REPAIR/STABILIZE ADDITIONAL DISTURBANCES AS A RESULT OF CONSTRUCTION WILL BE COORDINATED IN THE FIELD.
3. TEMPORARY STAGING AREAS AND CONSTRUCTION ACCESS ROADS ARE TO BE RECLAIMED AND SEEDED WITH LOW-GROW SEED MIX BY SUBCONTRACTOR, UNLESS OTHERWISE COORDINATED WITH CONTRACTOR.

LEGEND:

LANDSCAPE

- AREAS OF LOW GROW SEED MIX PRE-SEEDING (BY OWNER) – SEE NOTE 1
- AREAS OF ADDITIONAL LOW GROW SEED MIX SEEDING PER PROJECT SPECIFICATIONS – SEE NOTE 2
- 12-FT ACCESS ROAD
- RECLAIMED STAGING AREA – SEE NOTE 3
- VEGETATIVE BUFFER

1400' 700' 0 1400' 2800'

1" = 1400'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME
G. ALBANSODER

MICHIGAN P.E. No.
6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
LANDSCAPE PLAN

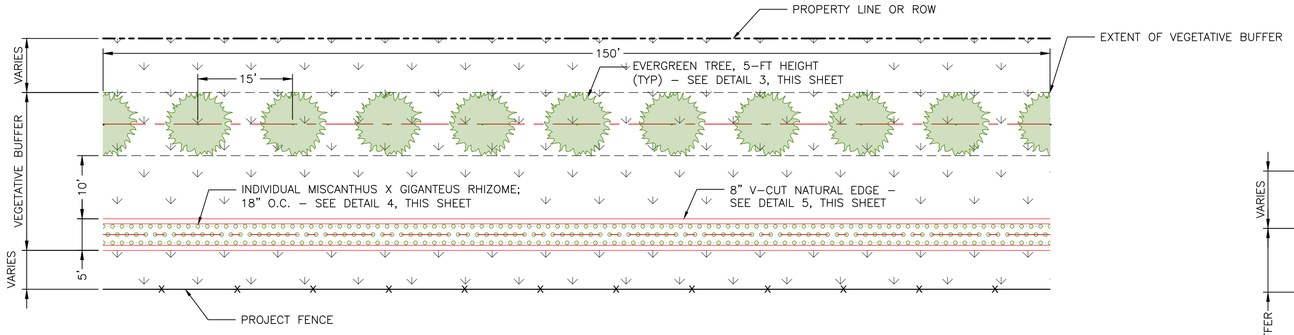
UNIT: N/A

SCALE:	1" = 1400'
JOB:	192088

DRAWING NO. 1823-CV-242

SHEET 001

REV. B



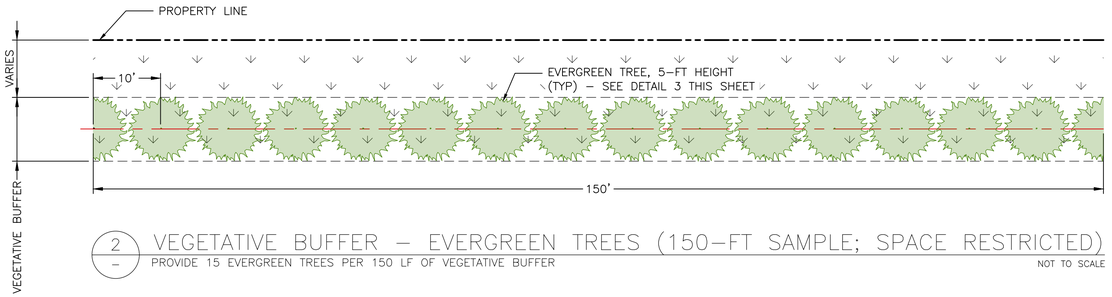
1 – VEGETATIVE BUFFER – EVERGREEN TREES & MxG (150-FT SAMPLE)

PROVIDE 10 EVERGREEN TREES AND 300 MxG RHIZOMES PER 150 LF OF VEGETATIVE BUFFER

NOT TO SCALE

GENERAL VEGETATIVE BUFFER NOTES:

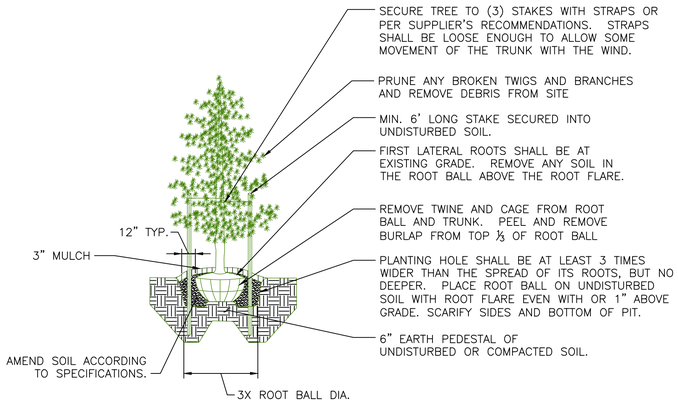
1. VEGETATIVE BUFFER DETAIL IS SUBJECT TO CHANGE BASED ON LANDOWNER FEEDBACK.



2 – VEGETATIVE BUFFER – EVERGREEN TREES (150-FT SAMPLE; SPACE RESTRICTED)

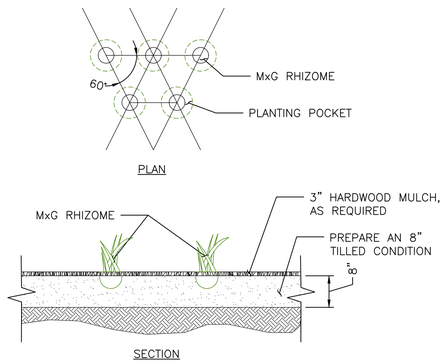
PROVIDE 15 EVERGREEN TREES PER 150 LF OF VEGETATIVE BUFFER

NOT TO SCALE



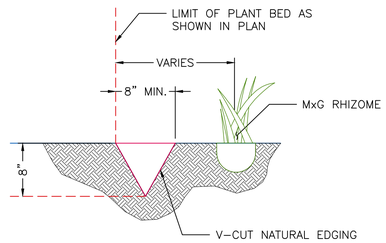
3 – EVERGREEN PLANTING DETAIL

NOT TO SCALE



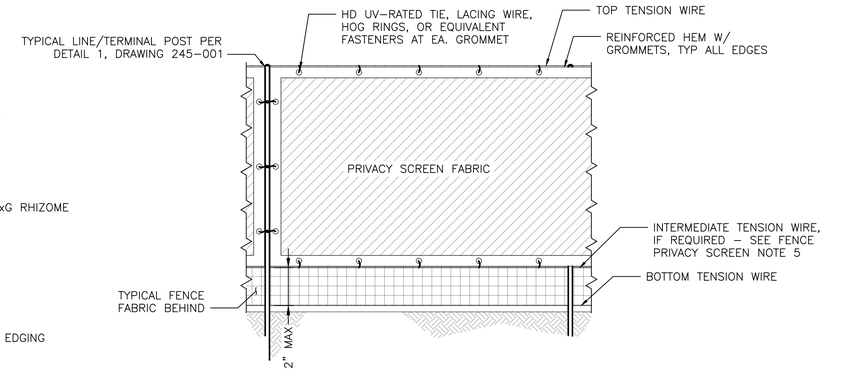
4 – MxG PLANTING DETAIL

NOT TO SCALE



5 – V-CUT NATURAL EDGE

NOT TO SCALE



6 – FENCE PRIVACY SCREEN ATTACHMENT DETAIL

NOT TO SCALE

EVERGREEN PLANTING NOTES:

1. ALL PLANT MATERIALS SHALL BE INSTALLED BETWEEN MARCH 15 AND NOVEMBER 15.
2. EVERGREEN TREES SHOULD BE AS FOLLOWS, OR APPROVED EQUIVALENT BASED ON AVAILABILITY:
   - 2.1. ABIES BALSAMEA / BALSAM FIR
   - 2.2. ABIES CONCOLOR / WHITE FIR
   - 2.3. PICEA GLAUCA / WHITE SPRUCE
   - 2.4. PINUS RESINOSA / RED PINE
   - 2.5. PINUS STROBUS / WHITE PINE
3. LOCATE UTILITIES PRIOR TO COMMENCING LANDSCAPE OPERATIONS.
4. SUBCONTRACTOR SHALL STAKE ALL PLANTING AREAS IN THE FIELD PRIOR TO PLANTING FOR APPROVAL OF THE CONTRACTOR.
5. AGED SHREDDED HARDWOOD MULCH SHALL BE USED AS A THREE INCH (3") TOP DRESSING IN ALL PLANTING AREAS.
6. SCREENING SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE FACILITY, INCLUDING REPLACING DEAD VEGETATION WITHIN SIX (6) MONTHS OR AT THE EARLIEST FEASIBLE TIME OF THE YEAR DEPENDANT ON THE WEATHER.

MxG PLANTING NOTES:

1. EACH HEDGE ROW OF MxG SHALL BE ESTABLISHED WITH THREE LINES OF INDIVIDUAL RHIZOMES PLANTED 18" APART, AS WELL AS 18" STAGGERED.
2. LOCATE UTILITIES PRIOR TO COMMENCING LANDSCAPE OPERATIONS.
3. SUBCONTRACTOR SHALL LOCATE AND STAKE ALL PLANTING AREAS IN THE FIELD PRIOR TO EXCAVATING PLANTBED OR PLANTING FOR APPROVAL OF THE CONTRACTOR.
4. ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY AND SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 THE 'AMERICAN STANDARD FOR NURSERY STOCK'.
5. PREPARE PLANTING BEDS FOR AN 8" TILLED CONDITION.
6. AGED SHREDDED HARDWOOD MULCH SHALL BE USED AS A THREE INCH (3") TOP DRESSING IN ALL PLANTING AREAS WHERE DIFFICULTY IN ESTABLISHMENT OF MxG IS OBSERVED.
7. SCREENING SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE FACILITY, INCLUDING REPLACING DEAD VEGETATION WITHIN SIX (6) MONTHS OR AT THE EARLIEST FEASIBLE TIME OF THE YEAR DEPENDANT ON THE WEATHER.

FENCE PRIVACY SCREEN NOTES:

1. PRIVACY SCREEN FABRIC SHALL BE KNITTED HDPE, UV-STABILIZED, 7 OZ/SY MINIMUM WEIGHT, WITH REINFORCED BOUND HEM AND CORROSION-RESISTANT GROMMETS AT 18" O.C. MAXIMUM. COLOR: BLACK.
2. PRIVACY SCREEN SHALL BE INSTALLED CONCURRENT WITH PERIMETER FENCE CONSTRUCTION AND SHALL BE IN PLACE PRIOR TO CONSTRUCTION OF SOLAR FACILITY, SO AS TO SCREEN THE FACILITY FROM VIEW FROM THE TIME OF INSTALLATION.
3. PRIVACY SCREEN IS AN INTERIM SCREENING MEASURE INSTALLED TO SUPPLEMENT THE NATIVE VEGETATIVE SCREEN SHOWN ON THE PLANS UNTIL SUCH TIME AS THE PLANTED VEGETATION ACHIEVES A YEAR-ROUND VISUAL SCREEN OF EQUIVALENT OR GREATER EFFECTIVENESS.
4. PRIVACY SCREEN SHALL BE MAINTAINED IN A SOUND, TAUT, AND UNIFORM CONDITION AND SHALL BE REPAIRED OR REPLACED IN KIND WHERE TORN, FADED, SAGGING, OR OTHERWISE DEGRADED.
5. PRIVACY SCREEN SHALL BE 6'-0" NOMINAL HEIGHT (MIN.), INSTALLED WITH THE TOP EDGE ALIGNED TO THE TOP OF THE FENCE FABRIC. A GAP OF NOT MORE THAN 12" SHALL REMAIN BETWEEN THE BOTTOM EDGE OF THE PRIVACY SCREEN AND FINISHED GRADE. WHERE THE BOTTOM EDGE OF THE PRIVACY SCREEN DOES NOT ALIGN WITH THE BOTTOM TENSION WIRE, THE BOTTOM HEM SHALL BE SECURED TO AN INTERMEDIATE TENSION WIRE INSTALLED AT THE ELEVATION OF THE PRIVACY SCREEN BOTTOM EDGE.

FENCE PRIVACY SCREEN INSTALLATION NOTES:

1. PRIVACY SCREEN SHALL BE ATTACHED AT TOP, BOTTOM, VERTICAL EDGES, TERMINAL POSTS, AND INTERMEDIATE POSTS AS REQUIRED BY THE MANUFACTURER.
2. ATTACHMENT SPACING PER MANUFACTURER'S RECOMMENDATIONS.
3. PRIVACY SCREEN CREATES ADDITIONAL WIND LOAD – POST AND FOOTING DESIGN SHALL BE VERIFIED FOR PROJECT WIND CONDITIONS.

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING PURPOSES ONLY

REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

REFERENCE DRAWINGS

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

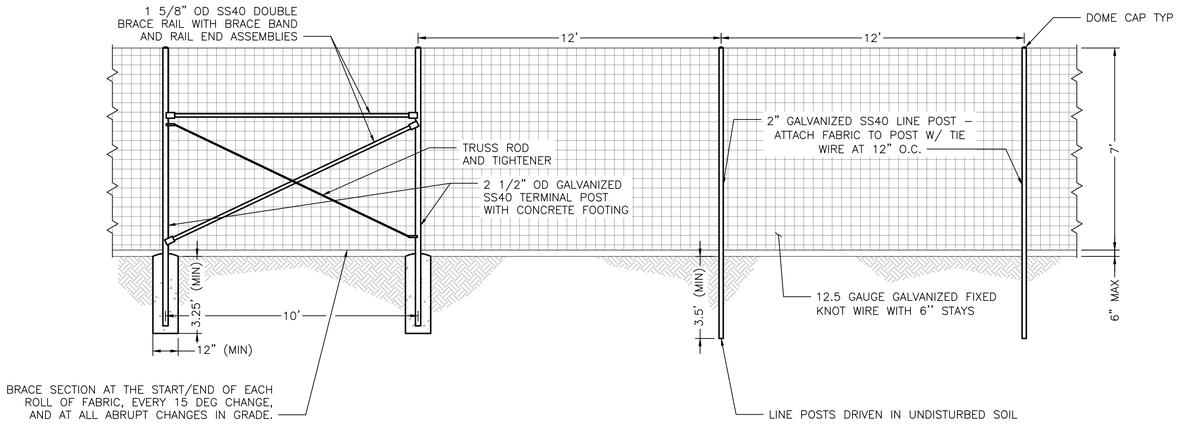
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS & GRADING
VEGETATIVE BUFFER DETAILS

UNIT: N/A

SCALE: SCALE VARIES	DRAWING NO.	SHEET	REV.
JOB: 192088	1823-CV-245	001	B

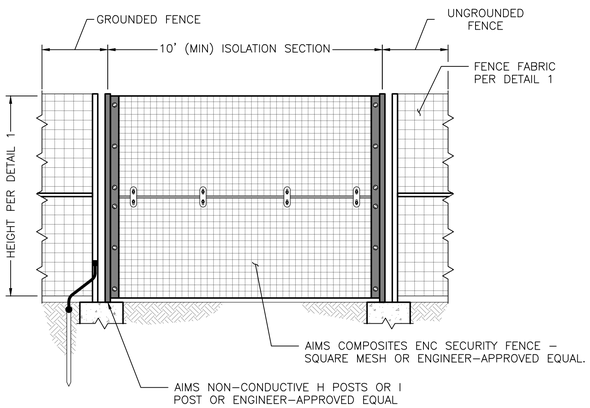


NOTES:

1. FENCE DETAIL IS A REPRESENTATIVE EXAMPLE.
   1.1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION THAT COMPLY WITH THE SPECIFICATIONS.
   1.1. SUBCONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL. FINAL FENCE INSTALLATION SHALL MATCH APPROVED SHOP DRAWINGS.
   1.2. FENCE EMBEDMENT DEPTH IS SPECIFIED IN ACCORDANCE WITH ASTM F567.
2. GROUNDING/BONDING OF THE FENCE AND GATES IS INCLUDED IN THE SCOPE FOR THE ELECTRICAL CONTRACT.
3. STEEL FENCE POSTS SHALL HAVE DOME CAPS INSTALLED ON TOPS.
4. CONCRETE FOR POST FOOTINGS SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 2,500 PSI. TOP OF CONCRETE FOOTINGS SHALL BE AT GRADE AND CROWNED TO SHED WATER AWAY FROM THE POST.

1 – TYPICAL PERIMETER FENCE – GAME FENCE

NOT TO SCALE

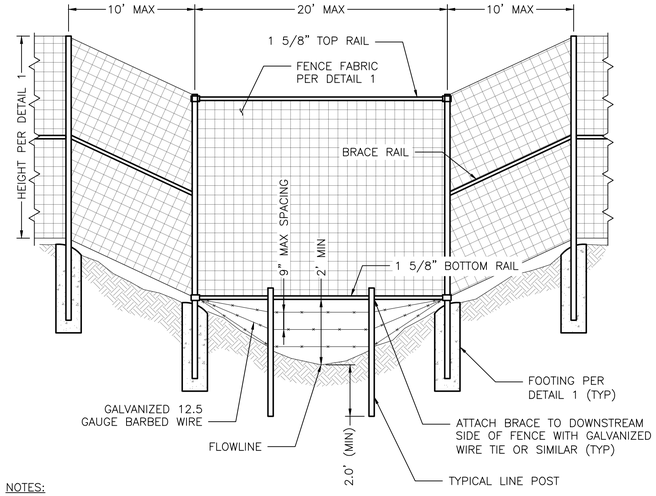


NOTES:

1. NO METALLIC TIES SHALL EXIST BETWEEN GROUNDED AND UNGROUNDED SECTION OF FENCE. THE FENCE SHALL NOT BE CONNECTED IN ANY MANNER WITHIN THE FOUNDATION.
2. POSTS EMBEDDED IN CONCRETE FOUNDATIONS SHALL BE WIDENED AS REQUIRED TO INCLUDE ISOLATION SECTION.

3 – TYPICAL FENCE ISOLATION PANEL

NOT TO SCALE

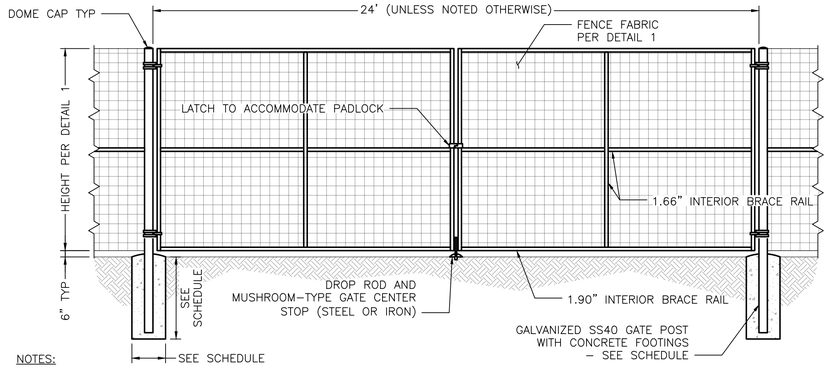


NOTES:

1. FOR DITCHES SHALLOWER THAN 24", INSTALL A ROCK CHECK DAM BENEATH FENCE SUCH THAT TOP OF CHECK DAM IS 6" BELOW THE BOTTOM OF THE FENCE. TOP OF CHECK DAM SHALL BE EXTENDED A MINIMUM OF 2' PAST BOTH SIDES OF FENCE. BOTTOM RAIL CAN BE OMITTED IN THESE INSTANCES.
2. SUBCONTRACTOR MAY SUBMIT ALTERNATIVE STYLES OF FENCE-CHANNEL CROSSINGS TO ENGINEER FOR APPROVAL.

4 – TYPICAL FENCE – CHANNEL CROSSING

NOT TO SCALE



NOTES:

1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION THAT COMPLY WITH THE SPECIFICATIONS.
   1.1. SUBCONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL. FINAL FENCE INSTALLATION SHALL MATCH APPROVED SHOP DRAWINGS.
2. GROUNDING/BONDING OF THE FENCE AND GATES IS INCLUDED IN THE SCOPE FOR THE ELECTRICAL CONTRACT.

GATE POST SCHEDULE – 7' FENCE (ASTM F900)			
GATE LEAF WIDTH	OUTSIDE DIA. OF PIPE (IN)	FOOTING DIA. (IN)	FOOTING DEPTH (IN)
OVER 6 TO 12 FT	4.000	12	36
OVER 12 TO 18 FT	6.625	20	42
OVER 18 TO 24 FT	8.625	26	48

2 – TYPICAL DOUBLE SWING GATE

NOT TO SCALE

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
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09/23/2026

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SIGNATURE
NAME: G. ALBANSODER
MICHIGAN P.E. No.: 6201313263

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
PERIMETER FENCE DETAILS

UNIT: N/A
SCALE: SCALE VARIES
JOB: 192088
DRAWING NO.: 1823-CV-245
SHEET: 002
REV.: B



DANGER, HIGH VOLTAGE WITHIN, KEEP OUT

SAFETYSIGN.COM #E3278–B6D OR EQUIVALENT
TO BE PLACED AT GATES AND ALONG PERIMETER FENCE EVERY 200–FT.
12" X 18"



COPPER WIRE IN THIS FACILITY HAS BEEN REPLACED WITH
COPPER CLAD STEEL WHICH HAS NO SCRAP VALUE

SAFETYSIGN.COM CUSTOM BLANK HEADER SIGN
TO BE PLACED AT ENTRANCE GATES
12" X 18"



NO TRESPASSING SIGN

ITEM # 10056025 TO BE OBTAINED FROM CONSUMERS ENERGY STOREROOM – COORDINATE WITH OWNER
TO BE PLACED AT GATES AND ALONG PERIMETER FENCE EVERY 600–FT
12" X 18"

SIGN NOTES:

1. SIGNS SHALL BE ENGINEERING GRADE REFLECTIVE ALUMINUM: 0.040" THICKNESS MIN.
2. CENTER OF SIGN SHALL BE 5 FEET ABOVE GRADE.
3. ALL SIGNS SHALL BE UV STABILIZED. ALL TEXT HEADERS SHALL BE 3/8" HEIGHT (MIN). BODY TEXT SHALL BE 3/16" HEIGHT (MIN). REFERENCE ANSI Z535.4, PRODUCT SAFETY SIGNS AND LABELS, FOR MINIMUM REQUIREMENTS RELATED TO DURABILITY AND LOCATION.
4. SUBCONTRACTOR SHALL PROCURE AND INSTALL ALL SIGNS FOR CIVIL CONTRACT. SIGN ORDER FORM SHALL BE SUBMITTED TO CONTRACTOR FOR APPROVAL PRIOR TO PURCHASE.
5. SUBCONTRACTOR SHALL INSTALL SIGNS ON FENCE FABRIC, LOCATED AS NOTED, USING ALUMINUM RING TIES (HOG RINGS) OR EQUIVALENT.

STATE OF MICHIGAN
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License No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING
PURPOSES ONLY

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REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
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SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

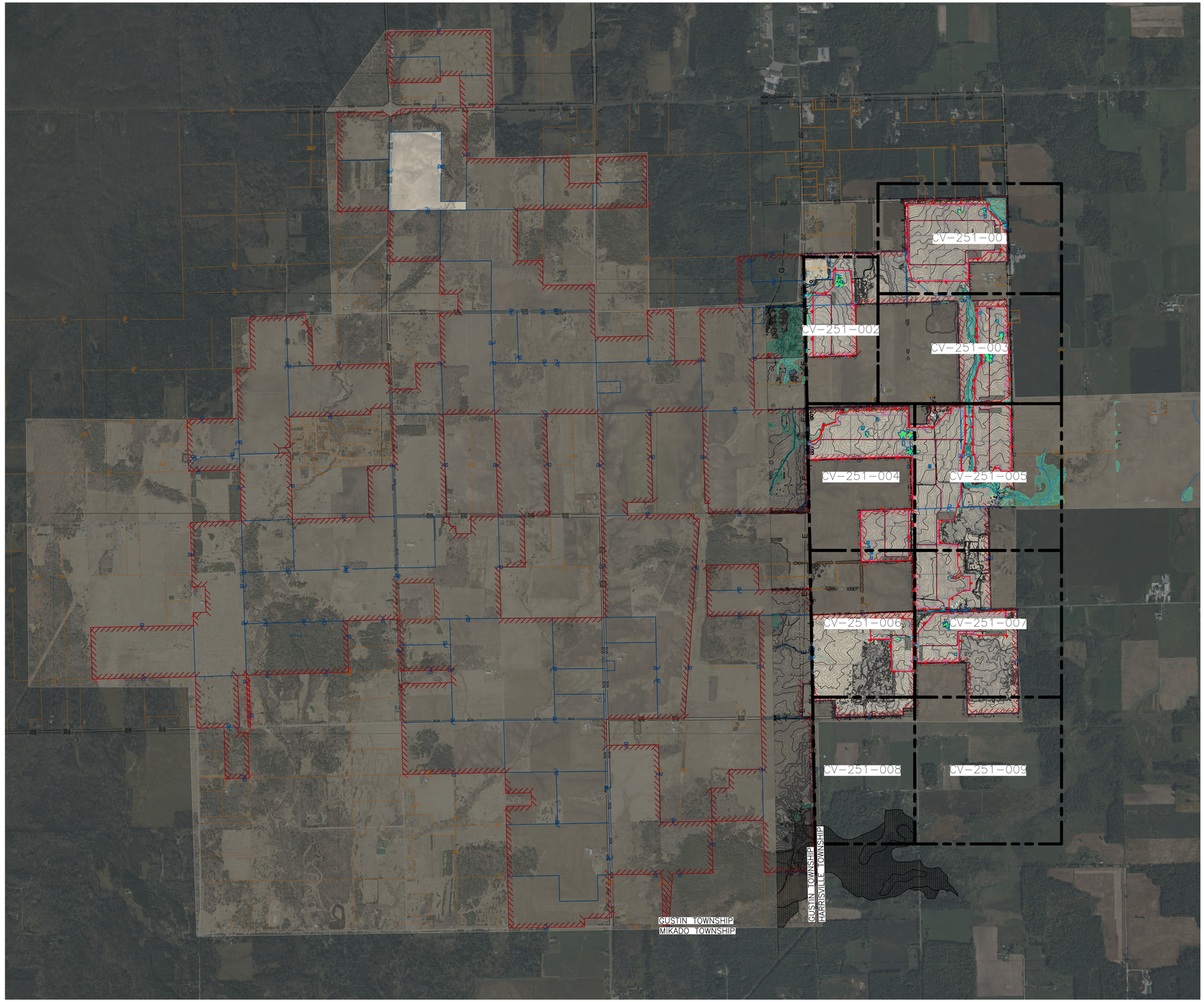
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

SITE IMPROVEMENTS
SAFETY SIGNS

UNIT:N/A

SCALE: SCALE VARIES	DRAWING NO.	SHEET	REV.
JOB: 192088	1823–CV–245	003	B



GENERAL NOTES:

1. THE PROJECT SITE WAS PRE-SEEDED WITH THE LOW-GROW SEED MIX BY THE LANDOWNER DURING THE SPRING 2026 PLANTING SEASON. ADDITIONAL SEEDING DEPICTED ON THESE DRAWINGS IS FOR PERMANENT STABILIZATION OF KNOWN EARTH-DISTURBING ACTIVITIES ASSOCIATED WITH CIVIL CONSTRUCTION.
   1.1. SEEDING TO REPAIR/STABILIZE ADDITIONAL DISTURBANCES AS A RESULT OF CONSTRUCTION WILL BE COORDINATED IN THE FIELD.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE

1400' 700' 0 1400' 2800'
1" = 1400'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
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09/23/2026

FOR PERMITTING PURPOSES ONLY

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SIGNATURE
NAME
G. ALBANSODER
MICHIGAN P.E. No.
6201313263

Consumers Energy

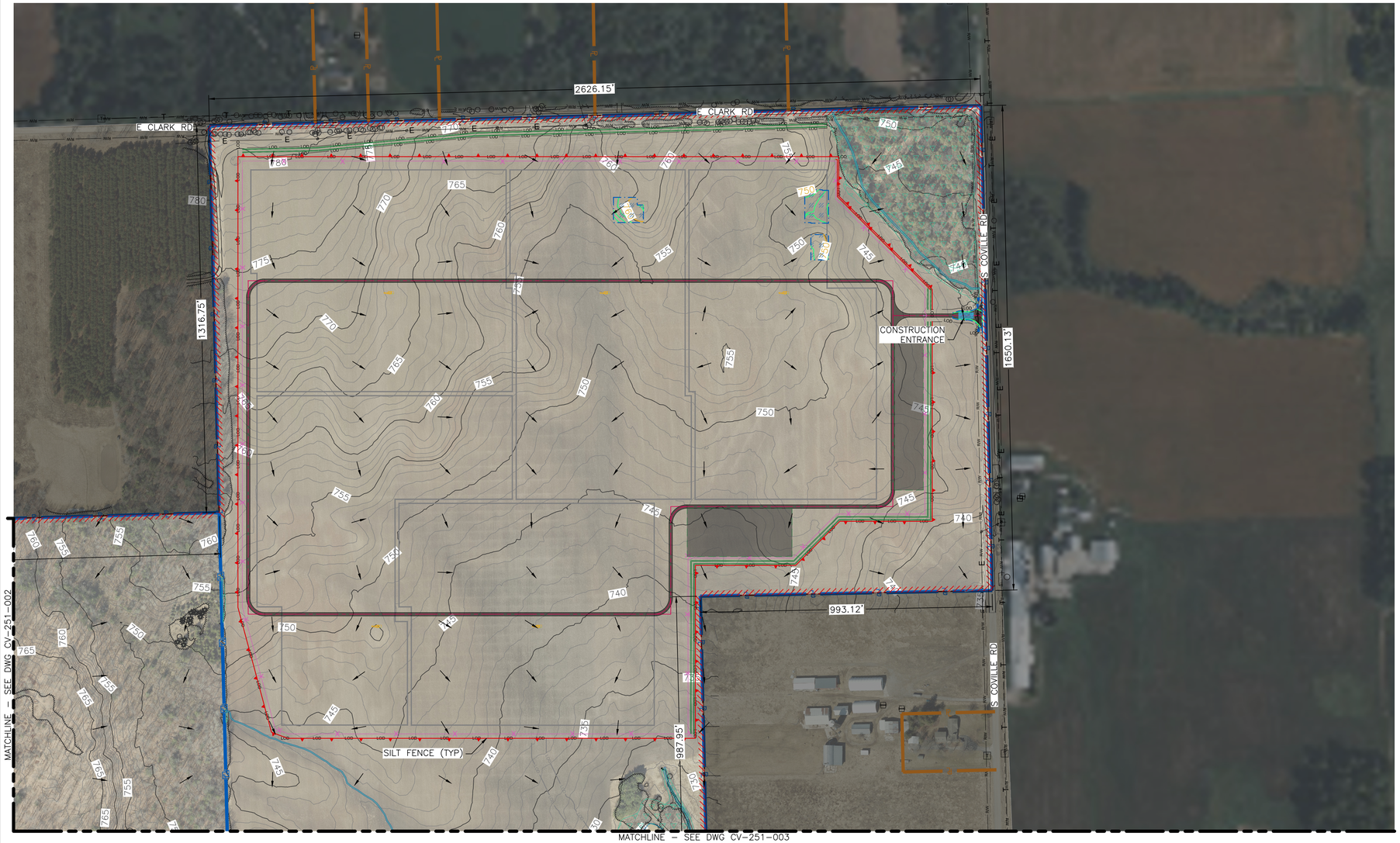
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL KEY PLAN

UNIT: N/A

SCALE:	1" = 1400'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-250	001	B

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-250-001.DWG 9/14/2026 5:35 PM GLALBANSODER



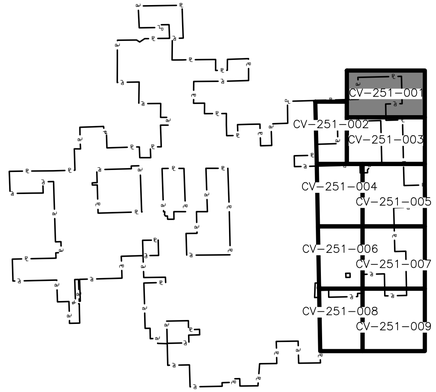
GENERAL NOTES:

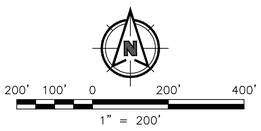
1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW





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LICENSED PROFESSIONAL ENGINEER
License No. 6201313263

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

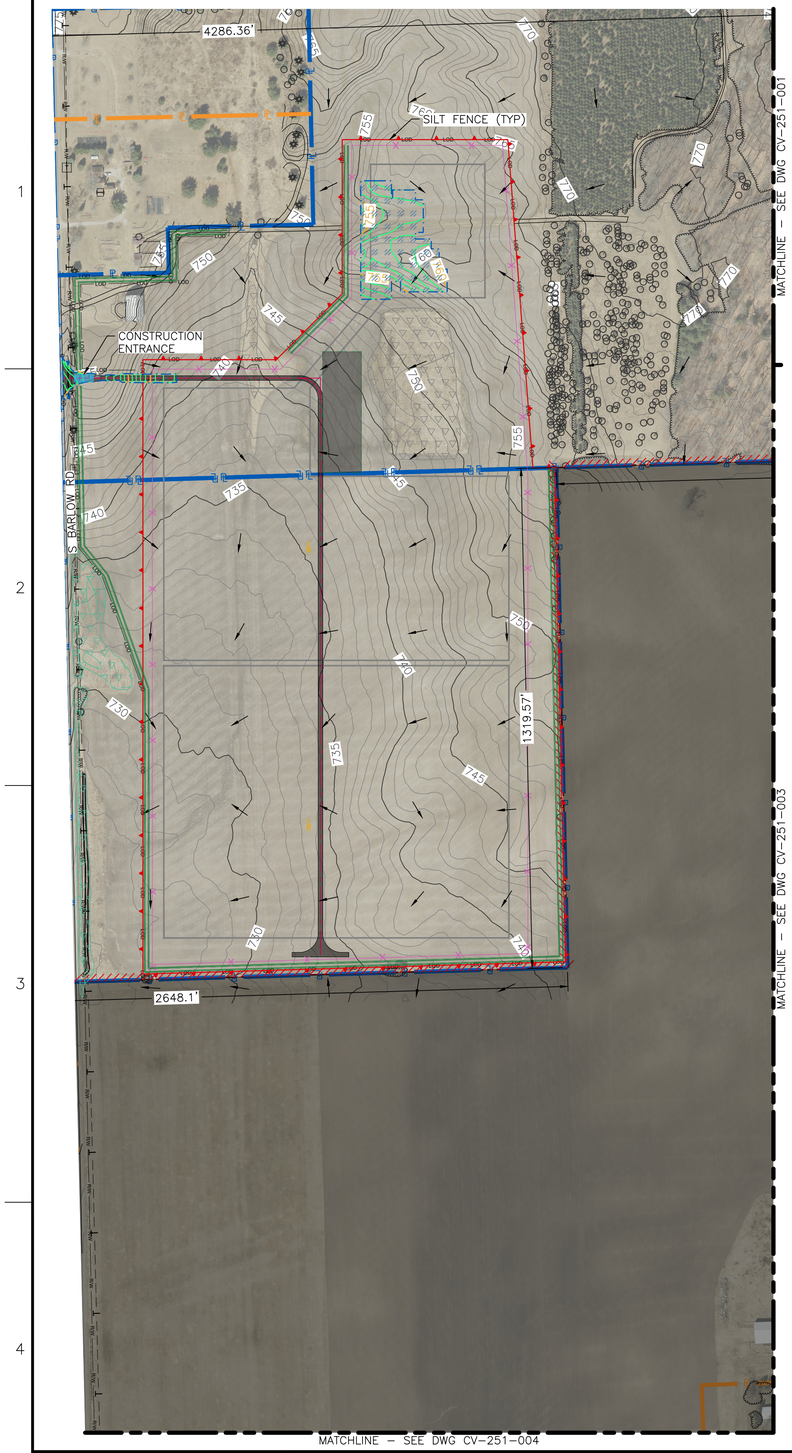
Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 01

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-251	SHEET 001	REV. B
JOB: 192088			



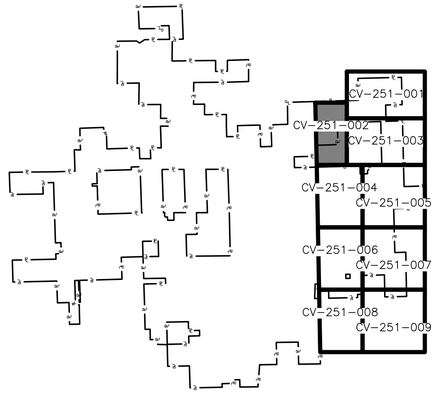
GENERAL NOTES:

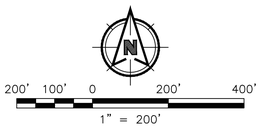
1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW





STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
Licensed No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 02

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-251	SHEET 002	REV. B
JOB: 192088			

SHEET SIZE: ANSI-D 22x34

MATCHLINE – SEE DWG CV-251-001

MATCHLINE – SEE DWG CV-251-002

MATCHLINE – SEE DWG CV-251-004

MATCHLINE – SEE DWG CV-251-005

2617.84'

993.15'

2640.5'

3958.65'

761.6'

SILT FENCE (TYP.)

CONSTRUCTION ENTRANCE

S COVILLE RD

E CLEMENS RD

CLEMENS RD

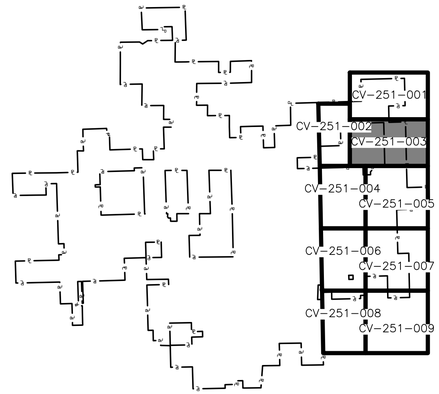
GENERAL NOTES:

1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW



200' 100' 0 200' 400'

1" = 200'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 03

UNIT: N/A

SCALE:	1" = 200'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-251	003	B

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-251-003.DWG 9/14/2026 4:52 PM GLALBANSODER



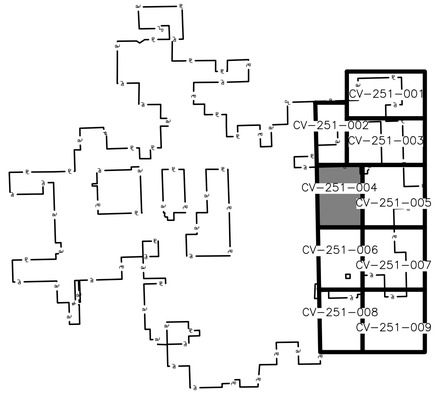
GENERAL NOTES:

1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW



STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
Licensee No. 6201313263
LICENSED PROFESSIONAL ENGINEER
09/23/2026

200' 100' 0 200' 400'
1" = 200'

FOR PERMITTING PURPOSES ONLY

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

REFERENCE DRAWINGS

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

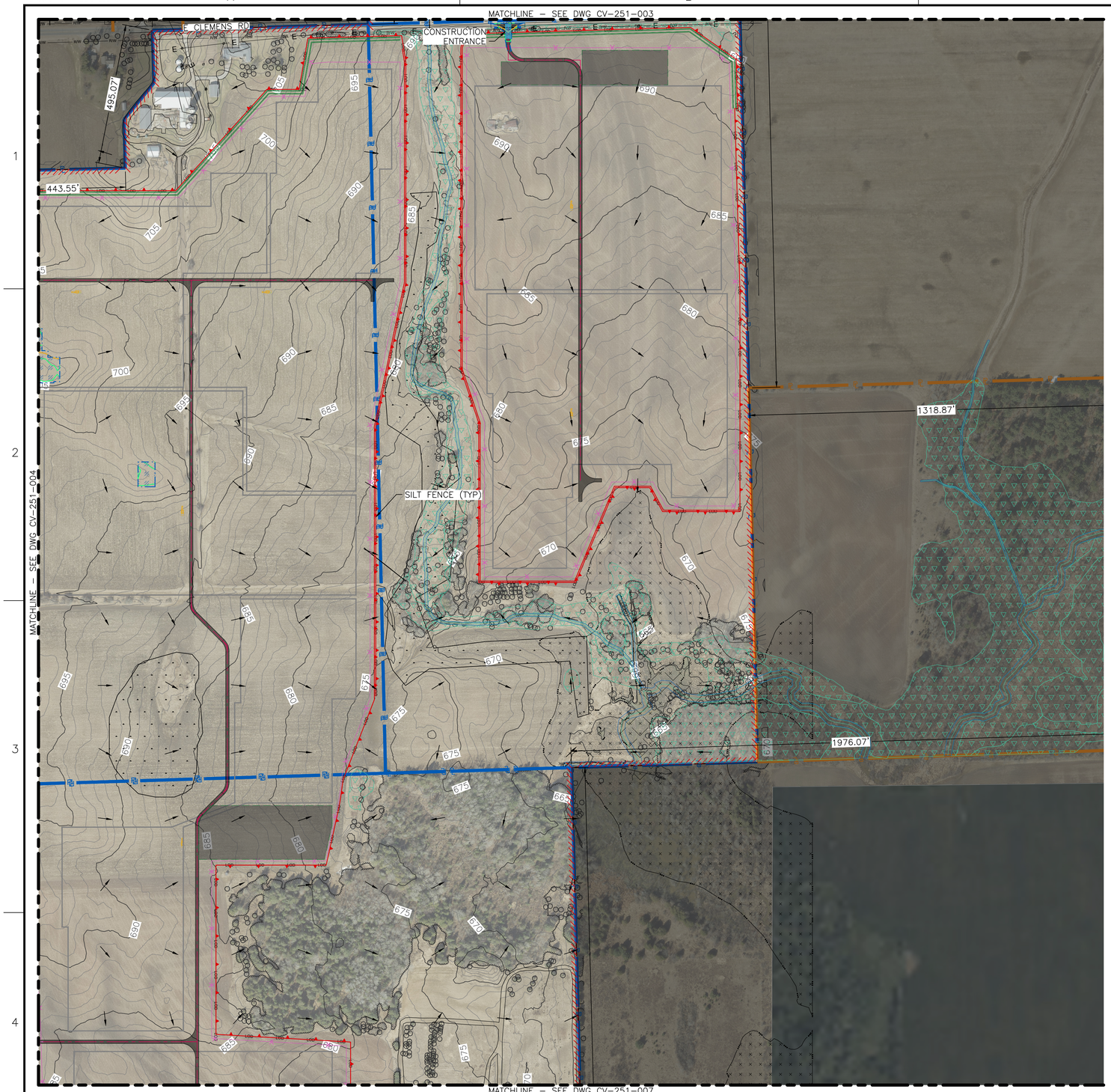
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 04

UNIT: N/A

SCALE:	1" = 200'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-251	004	B

SHEET SIZE: ANSI-D 22x34



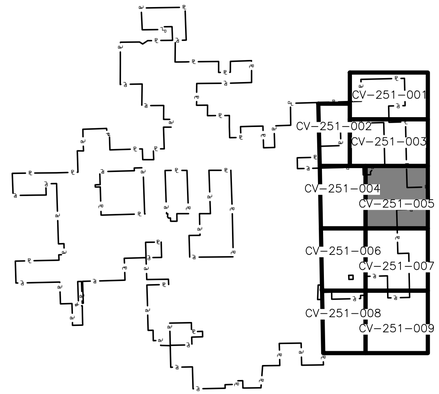
GENERAL NOTES:

1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW



STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263
09/23/2026

200' 100' 0 200' 400'
1" = 200'

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 05

UNIT: N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-251	SHEET 005	REV. B
JOB: 192088			

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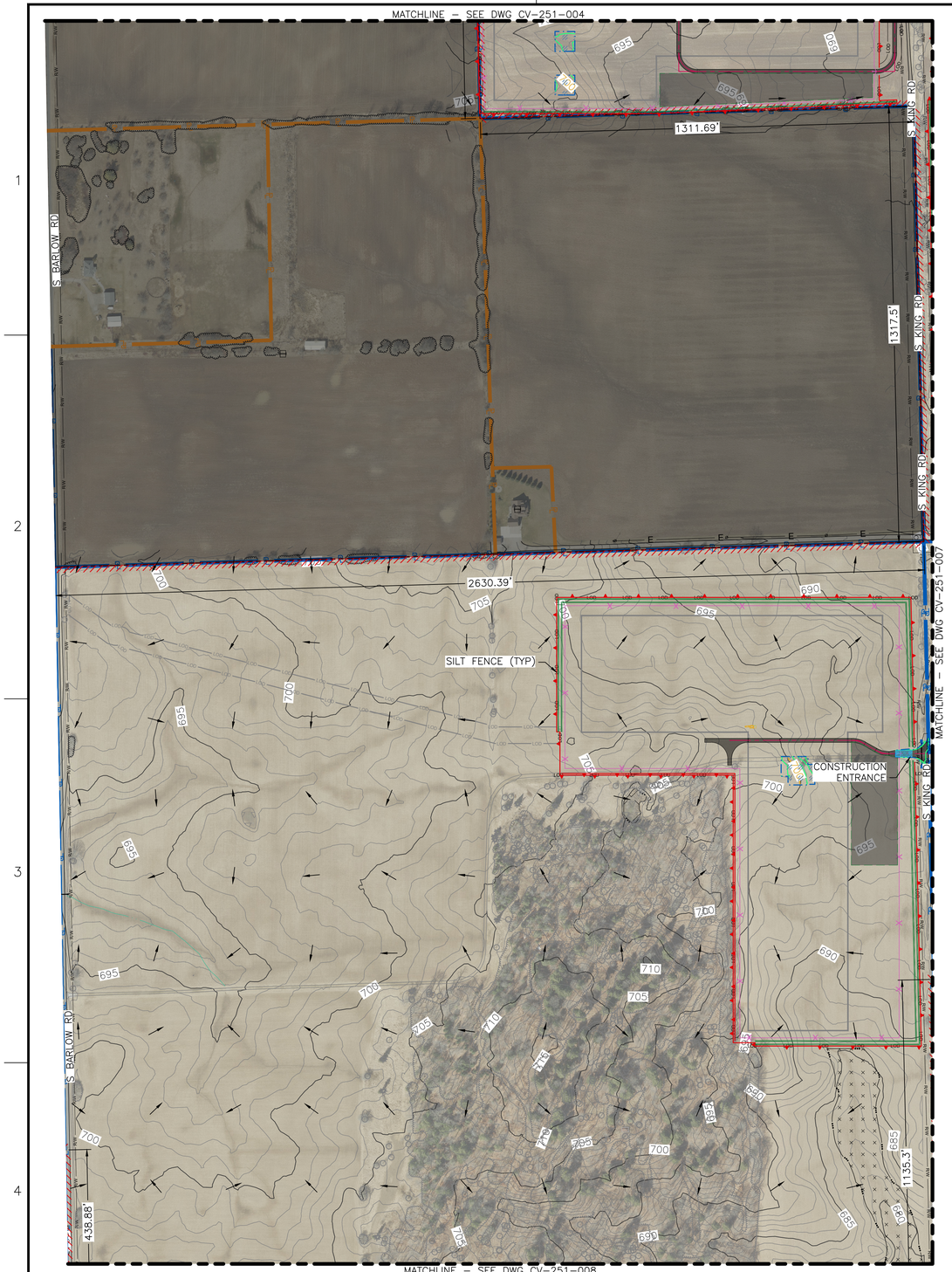
SHEET SIZE: ANSI-D 22x34



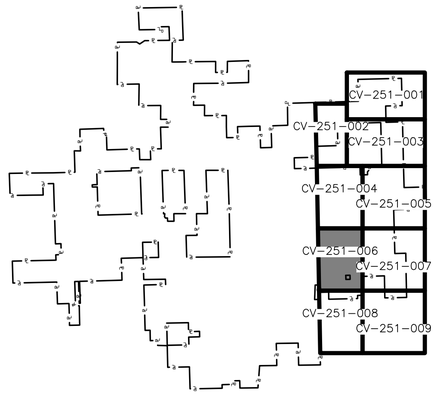
GENERAL NOTES:

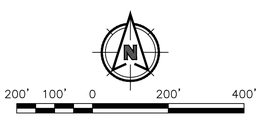
1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW







09/23/2026

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REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
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	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 06

UNIT: N/A

SCALE:	1" = 200'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-251	006	B

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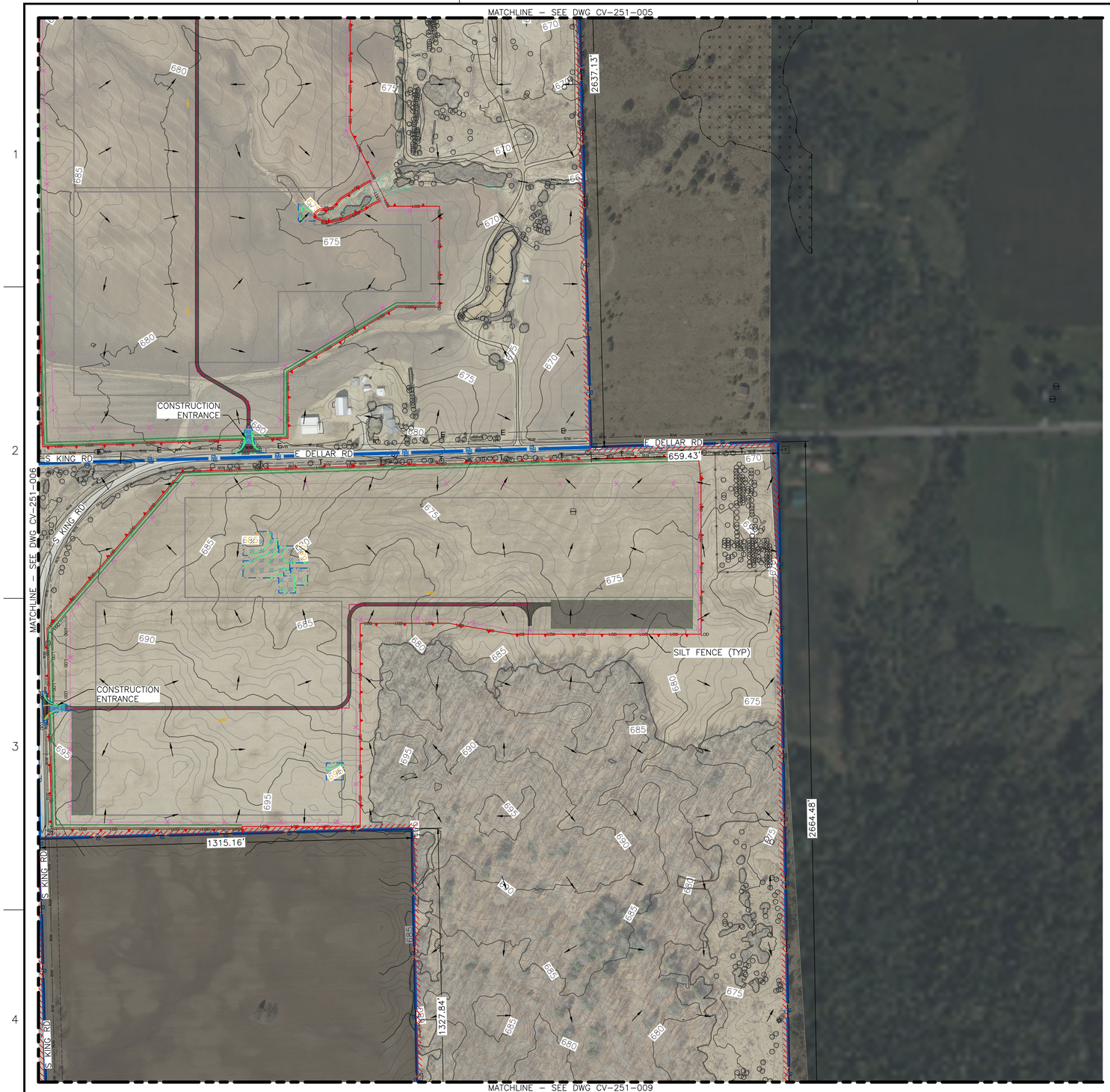
SHEET SIZE: ANSI-D 22x34



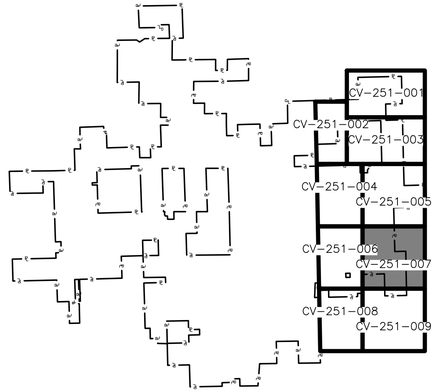
GENERAL NOTES:

1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW



200' 100' 0 200' 400'

1" = 200'

STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
LICENSED PROFESSIONAL ENGINEER
License No. 6201313263

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	B	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC
	A	06/11/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 07

UNIT:N/A

SCALE:	1" = 200'	DRAWING NO.	SHEET	REV.
JOB:	192088	1823-CV-251	007	B

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SHEET SIZE: ANSI-D 22x34



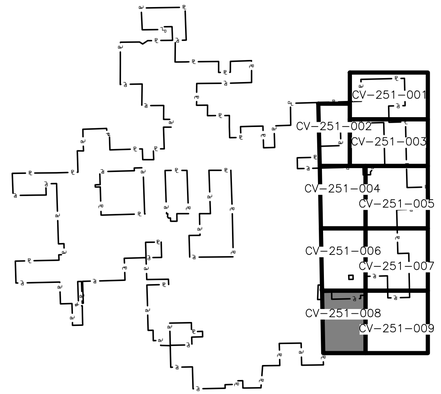
GENERAL NOTES:

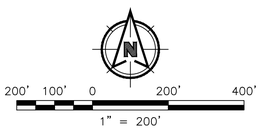
1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW





STATE OF MICHIGAN
GRANT LOUIS ALBANSODER
License No. 6201313263
LICENSED PROFESSIONAL ENGINEER

09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	A	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 08

UNIT:N/A

SCALE: 1" = 200'	DRAWING NO. 1823-CV-251	SHEET 008	REV. A
JOB: 192088			

C:\BMCD_LIB\DC\ACCDOCS\BMCD ENR\CE-GUSTINSOLAR\PROJECT FILES\2_DSGN\CIVIL\DWGS\PERMITTING\G2\1823-CV-251-008.DWG 9/23/2026 9:52 AM GLALBANSODER

SHEET SIZE: ANSI-D 22x34



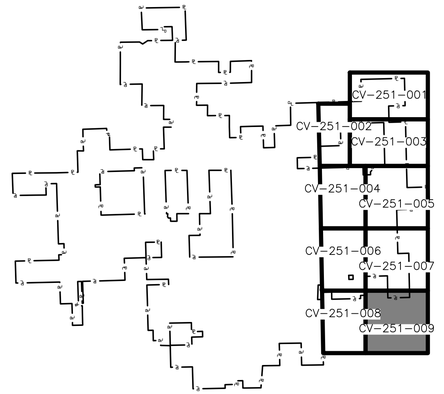
GENERAL NOTES:

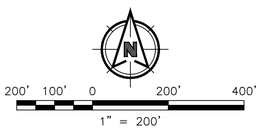
1. SILT FENCE SHALL BE HIGH-VISIBILITY ORANGE, TO ACT AS WILDLIFE EXCLUSIONARY FENCE.

LEGEND:

EROSION & SEDIMENT CONTROL:

- DISTURBED AREAS TO BE SEEDED PER SPECIFICATIONS
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOLAR ARRAY OUTLINE
- FLOW ARROW







09/23/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
A	09/23/26	ISSUED FOR PERMITTING	ADB	ACG	JTD	GLA	BMC

SIGNATURE

NAME: G. ALBANSODER

MICHIGAN P.E. No.: 6201313263

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

EROSION & SEDIMENT CONTROL
ENLARGED PLAN 09

UNIT: N/A

SCALE:	1" = 200'	DRAWING NO.	1823-CV-251	SHEET	009	REV.	A
JOB:	192088						

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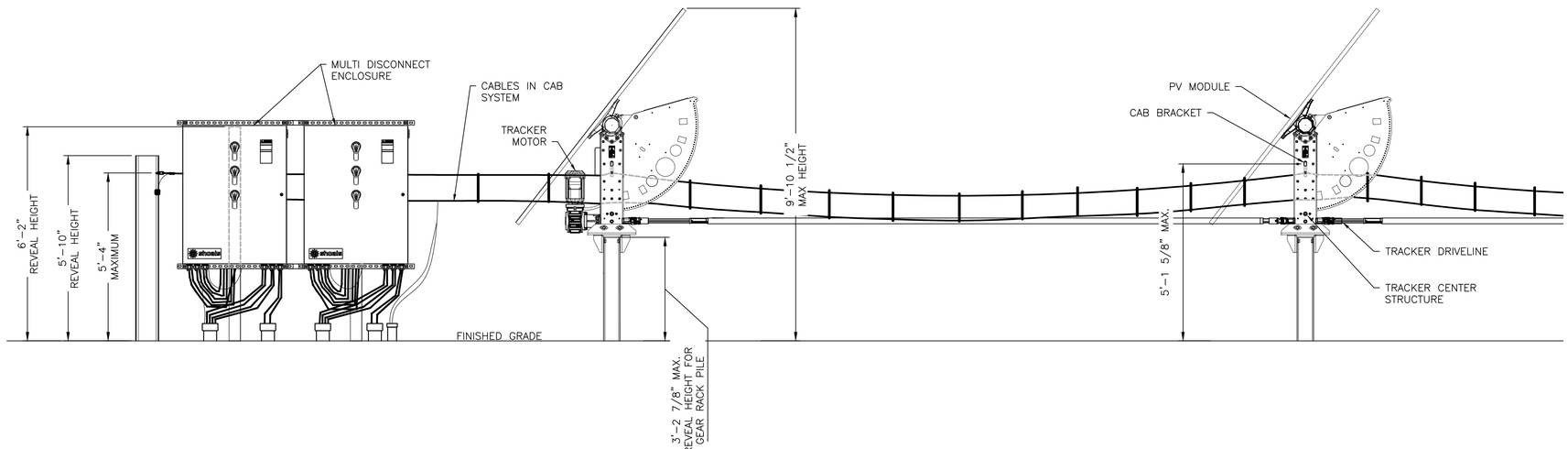


A E-W CAB SYSTEM ELEVATION VIEW
VIEW FACING NORTH
SCALE: NOT TO SCALE

STATE OF MICHIGAN
JASON WONG
No. 6201314188
LICENSED PROFESSIONAL ENGINEER

05/13/2026

FOR PERMITTING PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO

REV	DATE	DESCRIPTION	DR	BY	CK	APP	CO
A	2026-05-22	ISSUED FOR PERMITTING – GUSTIN SOLAR ENERGY CENTER I & II – PS-00016	TMB	JLW	MBD	JLW	BMC

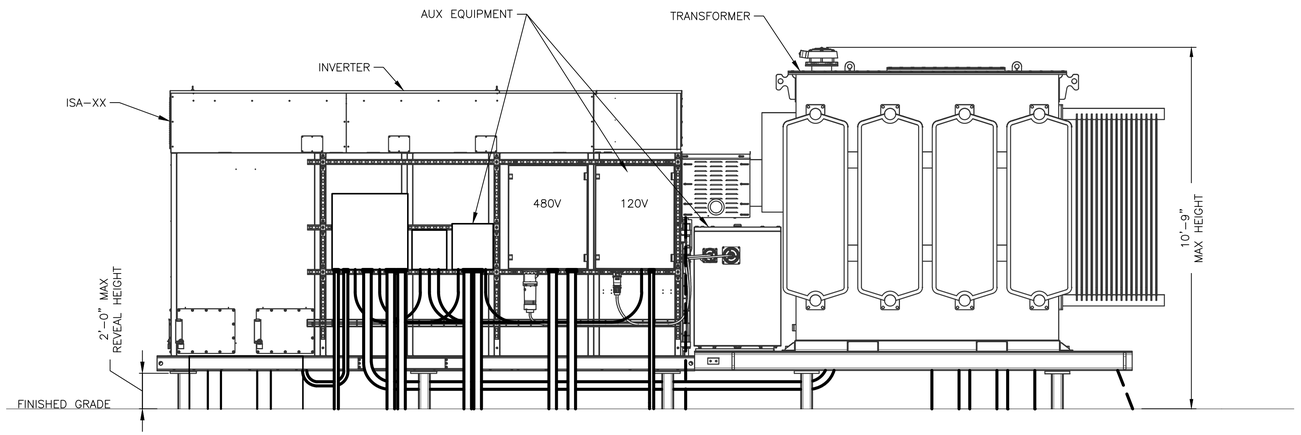
SIGNATURE
NAME
JASON WONG
MICHIGAN P.E. No.
6201314188

Consumers Energy
GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

COLLECTOR SYSTEM
CAB DETAILS

UNIT:N/A

SCALE:	NONE	DRAWING NO.	SHEET	REV.
JOB:	192088	8-EP-350		A



1 INVERTER SKID ASSEMBLY (ISA) ELEVATION

SCALE: 1" = 2'

STATE OF MICHIGAN
JASON
WONG
No.
6201314188
LICENSED PROFESSIONAL ENGINEER

05/13/2026

FOR PERMITTING
PURPOSES ONLY

REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DR	BY	CHK	APP	CO
	A	2026-05-22	ISSUED FOR PERMITTING – GUSTIN SOLAR ENERGY CENTER I & II – PS-00016	TMB	JLW	MBD	JLW	BMC

SIGNATURE

NAME
JASON WONG

MICHIGAN P.E. No.
6201314188

Consumers Energy

GUSTIN SOLAR ENERGY CENTER
ALCONA COUNTY, MI

COLLECTOR SYSTEM
ISA ELEVATION VIEW

UNIT:N/A

SCALE:	NONE	DRAWING NO.	SHEET	REV.
JOB:	192088	8-EP-351		A