
NORTH SENECA

SOLAR PROJECT

APPENDIX 5-A
Civil Design Drawings
ORES Permit Application No. 23-00036

REVISION 1

11/2/2024 11:09:48 AM
ORIGINAL DRAWING SIZE: ARCH D (11" X 17") P:\Jobs\22059\North Seneca Solar Project\CAD\Working Drawings\G-000-0100.dwg

NORTH SENECA SOLAR PROJECT

TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK

FEBRUARY 26, 2024

REVISION 1: NOVEMBER 8, 2024

EDR JOB #: 22059

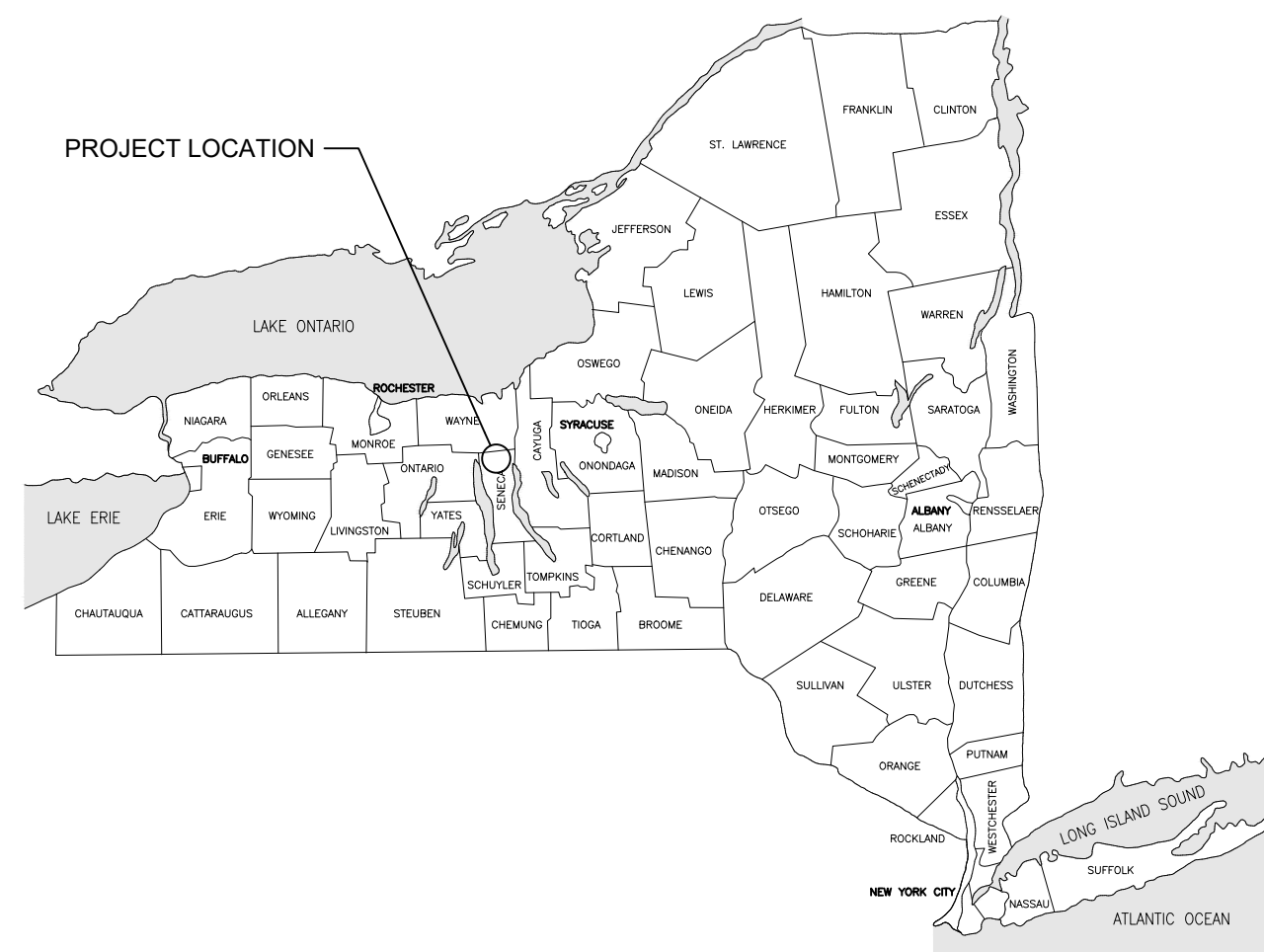


PROJECT IMAGE / MAP:



SCALE: 1 INCH = 5 MILES

NYS PROJECT LOCATION MAP



NORTH SENECA SOLAR PROJECT

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P. 315.471.0688

DRAWING INDEX:

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GENERAL NOTES

- 1. THESE DRAWINGS WERE DEVELOPED TO COMPLY WITH THE 94C REQUIREMENTS PER THE NEW YORK STATE OFFICE OF RENEWABLE ENERGY SITING (ORES), THEY REPRESENT AN APPROXIMATELY 60% LEVEL DESIGN AND ADDITIONAL DESIGN AND DETAIL WILL BE REQUIRED PRIOR TO CONSTRUCTION.
2. ALL WORK AND AMENITIES SHOWN ON THE CONTRACT DOCUMENTS SHALL BE CONSIDERED AS "NEW" UNLESS INDICATED TO BE "EXISTING".
3. THE BALANCE OF PLANT (BOP) CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS PRIOR TO THE START OF ANY CONSTRUCTION SITE DISTURBANCE.
...
30. THE BOP CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS.

EROSION & SEDIMENT CONTROL PLAN NOTES

- 1. REFER TO THE CONSTRUCTION SEQUENCE IN THE PRELIMINARY SWPPP.
2. THE BOP CONTRACTOR WILL INSTALL EROSION AND SEDIMENT CONTROL PRACTICES AS SHOWN ON THE SWPPP, AS WARRANTED BY SITE CONDITIONS, AND THROUGHOUT ALL PHASES OF CONSTRUCTION.
3. ALL DISTURBED AREAS SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
...
22. DURING ROUGH GRADING, LEAVE SLOPE SURFACES SLIGHTLY ROUGHENED TO A DEPTH OF 1-2 INCHES - DO NOT BACK BLADE SLOPES.

PRELIMINARY GENERAL ENVIRONMENTAL RESTRICTIONS:

- 1. ALL EQUIPMENT ACCESS, STORAGE OF EQUIPMENT AND MATERIALS, AND OTHER CONSTRUCTION ACTIVITIES WILL BE CONFINED TO THE ACCESS ROADS, LAYDOWN AREAS, COLLECTION LINE, AND TRANSMISSION LINE ROUTES AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS.
2. EQUIPMENT WILL UTILIZE THE INTERSECTION OF ACCESS ROADS AND EXISTING ROADS FOR TURNING. WORK AREAS SUCH AS LAYDOWN AREAS WILL ALSO PROVIDE AREAS FOR EQUIPMENT TURNING AND PARKING, IN ADDITION TO DESIGNATED TURNING LOCATIONS.
3. FUGITIVE DUST RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL BY IMPLEMENTING APPROPRIATE CONTROL MEASURES. THESE MEASURES INCLUDE THE APPLICATION OF MULCH, WATER, OR STONE ON ACCESS ROADS, EXPOSED SOILS, STOCKPILED SOILS, OR UNPAVED PUBLIC ROADS WHEN DRY AND WINDY CONDITIONS EXIST.
...
11. SIGNIFICANT GROUND DISTURBANCE WITHIN THE ENVIRONMENTALLY SENSITIVE AREA (ESA) IS PROHIBITED.

PRELIMINARY AGRICULTURAL LAND-RELATED RESTRICTIONS:

- 1. WORK WITHIN AGRICULTURAL LANDS SHALL BE COMPLETED IN ACCORDANCE WITH THE OCTOBER 18, 2019 SOLAR ENERGY PROJECTS - CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS ISSUED BY THE NEW YORK DEPARTMENT OF AGRICULTURE AND MARKETS (NYDAM).

ABBREVIATIONS

Table with 4 columns: Abbreviation, Full Name, Abbreviation, Full Name. Includes entries like EX EXP, MH MIN, SPEC SPECIFICATIONS/SPECIFIED, etc.

PRELIMINARY CONTRACTOR NOTES:

- 1. THE PROPOSED FACILITY COMPONENTS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE DEMARKEED WITH EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT.
2. THE BOUNDARIES OF ALL STREAMS, WETLANDS, AND WETLAND ADJACENT AREAS AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE MARKED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT PRIOR TO CONSTRUCTION BY THE BOP CONTRACTOR.
...
5.5. ALL ACTIVITIES WITHIN STATE-REGULATED WETLANDS AND WETLAND ADJACENT AREAS SHALL BE IN STRICT ADHERENCE TO ALL RESTRICTIONS AS SET FORTH IN THE ISSUED CERTIFICATE PROVIDED TO THE BOP CONTRACTOR.

PRELIMINARY SPECIFIC WETLAND CROSSING RESTRICTIONS:

- 1. ANY REQUIRED TEMPORARY ACCESS ROUTE WILL BE REMOVED FOLLOWING CONSTRUCTION, AND RESTORED WITH AN APPROPRIATE NATIVE SEED MIX AND STRAW MULCH. WITH RESPECT TO STATE-REGULATED AREAS, ANY TEMPORARY ACCESS ROUTE THROUGH THE ASSOCIATED STATE-REGULATED WETLAND ADJACENT AREA SHALL ALSO BE REMOVED FOLLOWING CONSTRUCTION, AND RESTORED WITH AN APPROPRIATE NATIVE SEED MIX AND STRAW MULCH.
2. IN ALL CASES, THE PRE-DISTURBANCE FLOW REGIME MUST BE MAINTAINED.
3. DURING EXCAVATION IN WETLANDS, THE PLACEMENT OF TEMPORARY SPOIL STOCKPILES WILL BE RESTRICTED TO FULL CONTAINMENT ON CONSTRUCTION MATTING OR OUTSIDE OF WETLANDS.
...
9. FORESTED AREA BOUNDARIES WITHIN DEC 100' ADJACENT AREAS WERE DETERMINED THROUGH INTERPRETATION OF AERIAL IMAGERY.



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NORTH SENECA SOLAR PROJECT logo

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PROJECT TITLE: NORTH SENECA SOLAR PROJECT. PROJECT LOCATION: TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK. CLIENT: NORTH SENECA SOLAR PROJECT, LLC. DRAWING TITLE: GENERAL NOTES AND ABBREVIATIONS

Table with 4 columns: NO, DATE, ISSUED FOR / REVISION, BY. Includes entries for 1/2/26/2024 and 2/11/8/2024.

EDR JOB#: 22059. DATE: FEBRUARY 26, 2024. SCALE: AS NOTED. DRAWN BY: ZR. CHECKED BY: TD. DRAWING NUMBER: G-002

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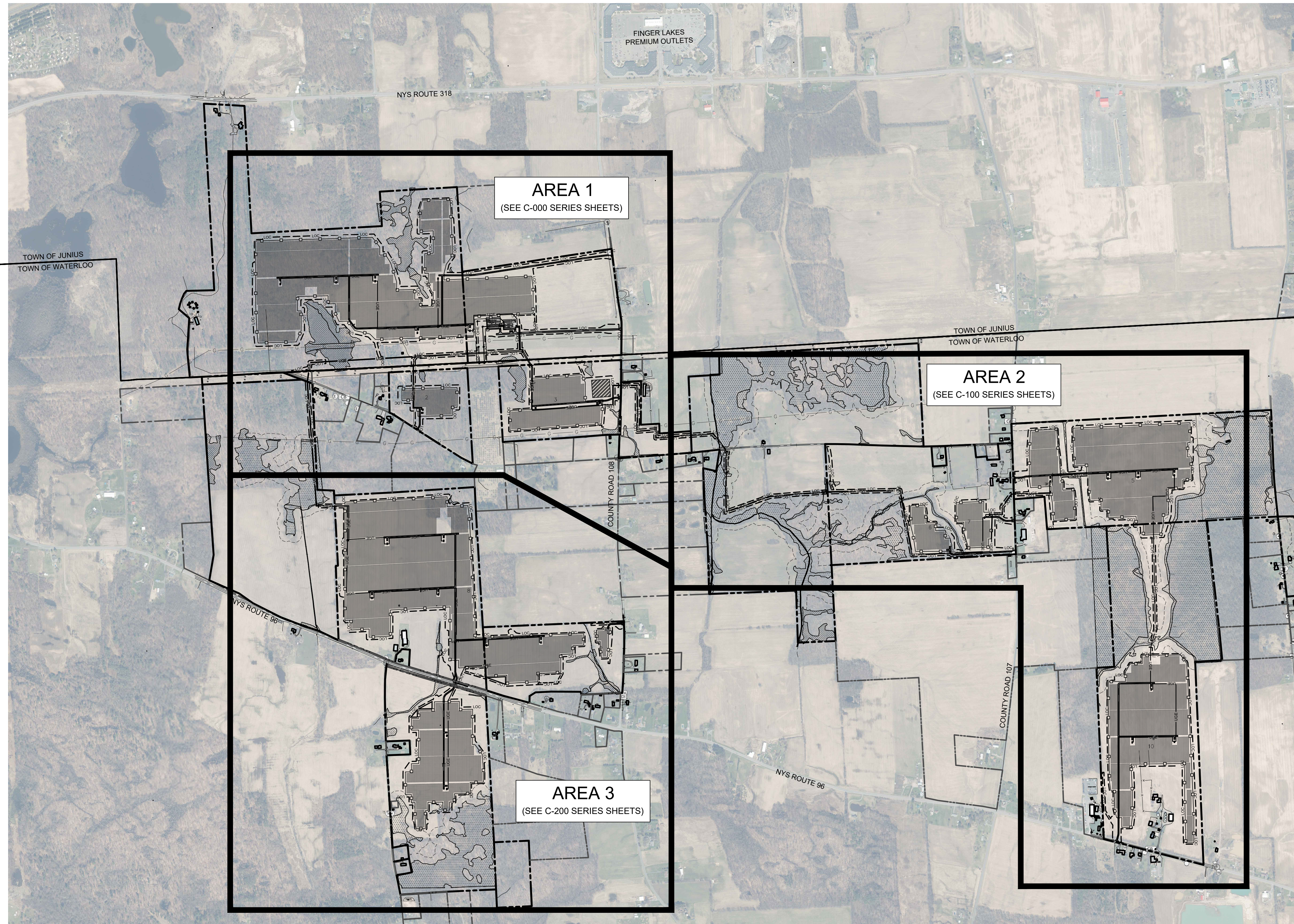
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 & Environmental Services, D.P.C.
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 Syracuse, New York 13202
 P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

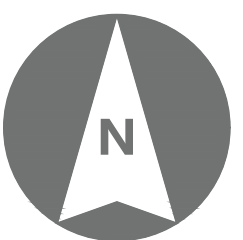
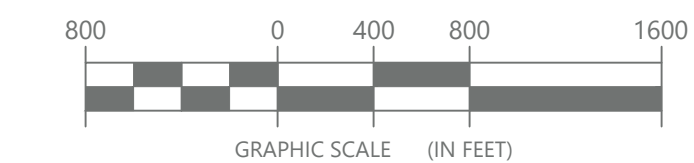
PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **OVERALL PROJECT LAYOUT AND AREA INDEX MAP**



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DRAWINGS ISSUED FOR / REVISIONS				BY	CHK	APP	EDR JOB#: 22059
NO.	DATE	ISSUED FOR / REVISION					DATE: FEBRUARY 26, 2024
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD			SCALE: 1" = 800'
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD			DRAWN BY: ZR
3							CHECKED BY: TD
4							DRAWING NUMBER:
5							G-003
6							

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CLIENT:

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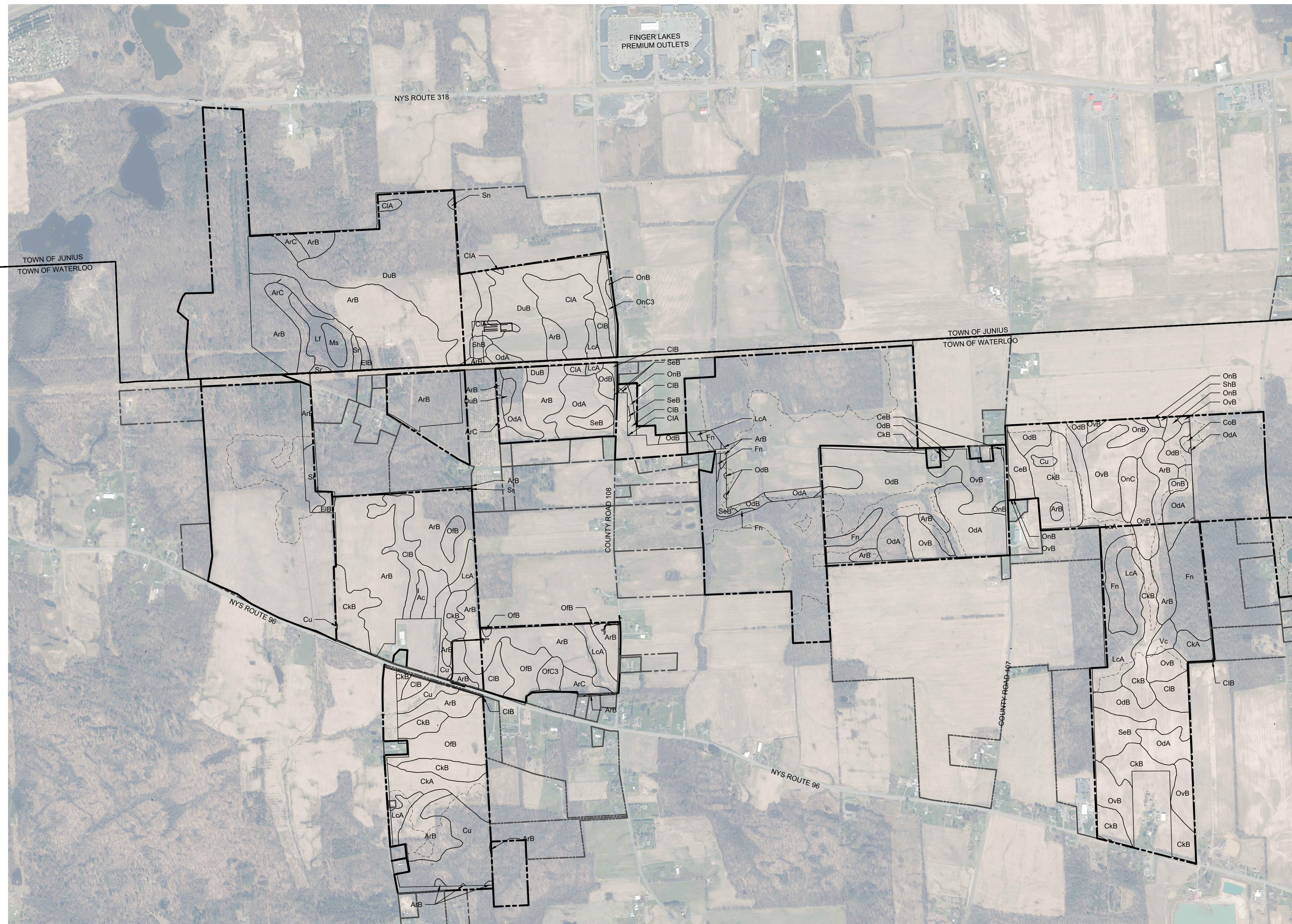
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PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

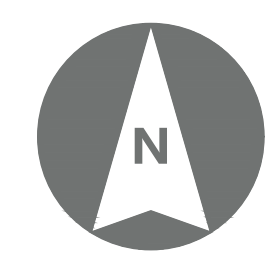
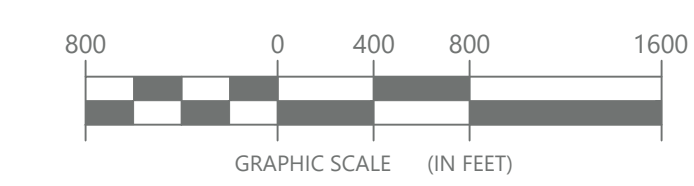
PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **PROJECT SOILS MAP**



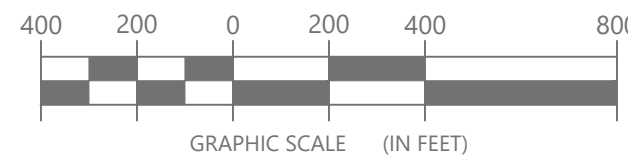
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3						CHECKED BY: TD
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5						G-004
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PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **DRAWING INDEX - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS

NO	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
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EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

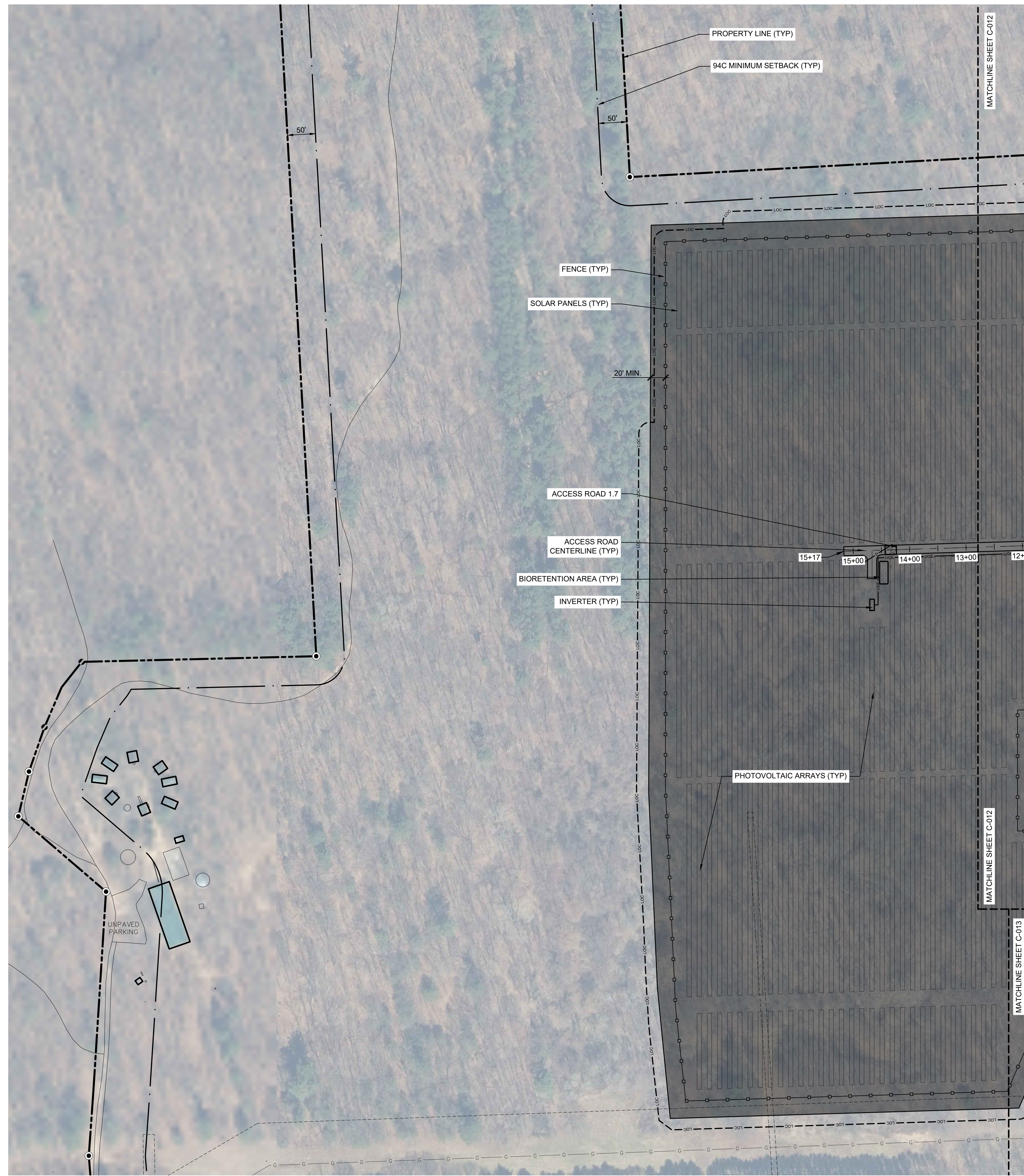
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DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-010

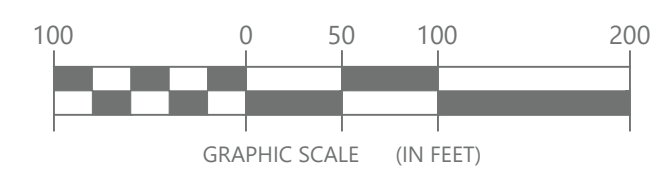


SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTER LINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

PLANTING LEGEND	
SYMBOL	ITEM
	PLANTING MODULE TYPE 1
	PLANTING MODULE TYPE 2
	PLANTING MODULE TYPE 3
	PLANTING MODULE TYPE 4

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PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE LAYOUT PLAN - AREA 1**

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1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
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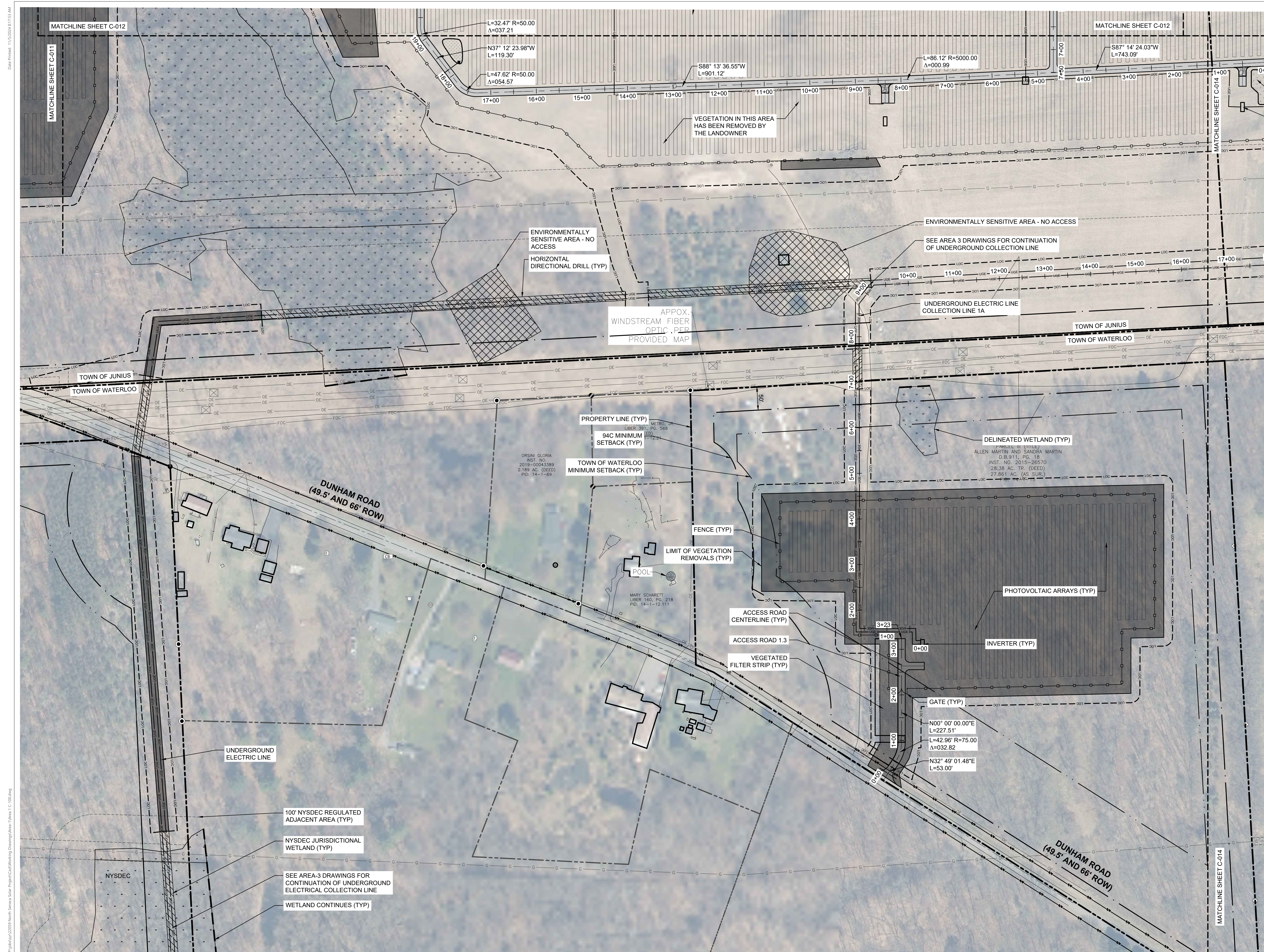
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DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-011

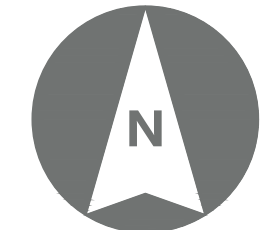
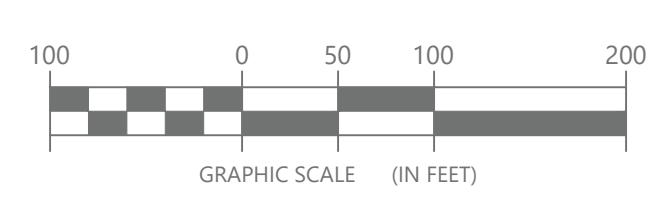


SITE PLAN LEGEND	
SYMBOL	ITEM
[Hatched pattern]	LIMIT OF VEGETATION REMOVALS
[Diagonal lines]	TEMPORARY LAYDOWN YARD
[Grid pattern]	SUBSTATION
[Dashed line]	RIP-RAP DEPRESSION
[Horizontal lines]	GRAVEL ACCESS ROAD
[Cross-hatch pattern]	VEGETATED FILTER STRIP
[Dotted pattern]	BIORETENTION AREA
[Diagonal lines]	HORIZONTAL DIRECTIONAL DRILL
[Dashed line]	ACCESS ROAD CENTERLINE
[Dashed line]	FENCE
[Dashed line]	ASSUMED EASEMENT
[Dashed line]	UNDERGROUND ELECTRIC LINE
[Dashed line]	94c MINIMUM SETBACK
[Dashed line]	TOWN OF WATERLOO SETBACK
[Dashed line]	LIMIT OF CONSTRUCTION ACTIVITY

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
[Dashed line]	EDGE OF WOODS
[Dashed line]	FENCE
[Dashed line]	CONSERVATION EASEMENT LIMIT
[Dashed line]	POND
[Dashed line]	PROPERTY LINE
[Dashed line]	ADJACENT PROPERTY LINE
[Outline]	EXISTING BUILDING
[Dashed line]	GRAVEL DRIVEWAY
[Dashed line]	ASPHALT ROAD
[Dashed line]	ASPHALT ROAD CENTER LINE
[Dashed line]	STORM CULVERT
[Dashed line]	OVERHEAD ELECTRIC LINE
[Symbol]	UTILITY POLE
[Symbol]	PRIVATE WATER WELL
[Symbol]	CABLE BOX
[Symbol]	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
[Symbol]	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
[Symbol]	DELINEATED WETLAND (USACE JURISDICTIONAL)
[Symbol]	DELINEATED STREAM
[Symbol]	TOWN BOUNDARY

PLANTING LEGEND	
SYMBOL	ITEM
[Pattern]	PLANTING MODULE TYPE 1
[Pattern]	PLANTING MODULE TYPE 2
[Pattern]	PLANTING MODULE TYPE 3
[Pattern]	PLANTING MODULE TYPE 4

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ORIGINAL DRAWING SIZE: ARCH D (24" X 36")
 Date Printed: 11/20/2024 8:17:53 AM
 P:\Projects\22089\North Seneca Solar Project\CAD\Working Drawings\Area 1\Area 1_C-010.dwg

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PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE LAYOUT PLAN - AREA 1**

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EDR JOB#: 22059	
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BY:	DATE: SCALE: 1" = 100'
CHK:	DRAWN BY: GEJ, KHJ
APP:	CHECKED BY: ZR
	DRAWING NUMBER:

C-013

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DATE: **FEBRUARY 26, 2024**

SCALE: **1" = 100'**

DRAWN BY: **GEJ, KJH**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-012

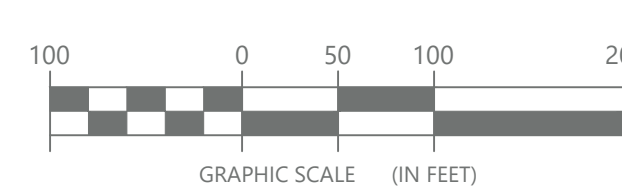


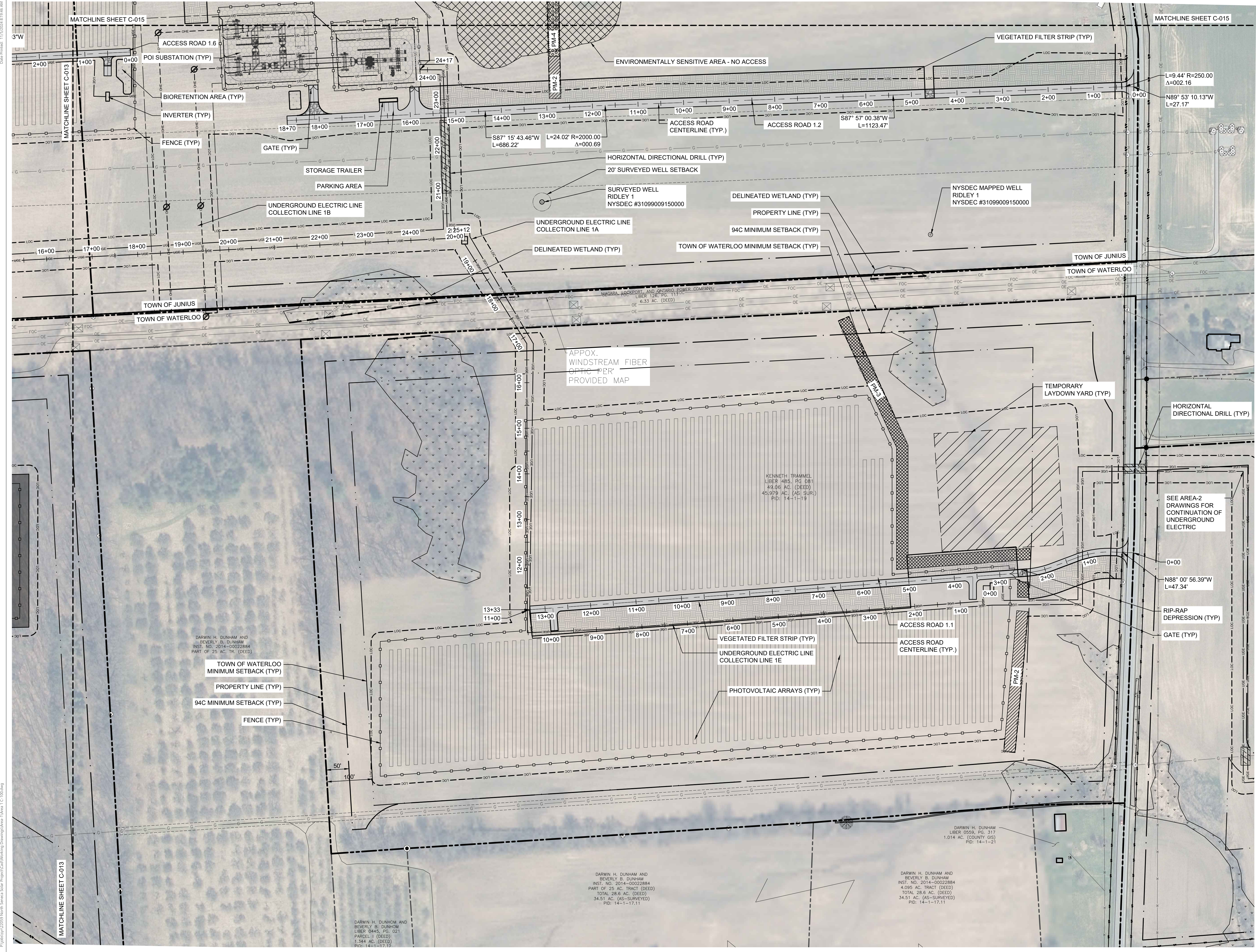
SITE PLAN LEGEND	
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[Symbol]	LIMIT OF VEGETATION REMOVALS
[Symbol]	TEMPORARY LAYDOWN YARD
[Symbol]	SUBSTATION
[Symbol]	RIP-RAP DEPRESSION
[Symbol]	GRAVEL ACCESS ROAD
[Symbol]	VEGETATED FILTER STRIP
[Symbol]	BIORETENTION AREA
[Symbol]	HORIZONTAL DIRECTIONAL DRILL
[Symbol]	ACCESS ROAD CENTERLINE
[Symbol]	FENCE
[Symbol]	ASSUMED EASEMENT
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[Symbol]	94c MINIMUM SETBACK
[Symbol]	TOWN OF WATERLOO SETBACK
[Symbol]	LIMIT OF CONSTRUCTION ACTIVITY

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
[Symbol]	EDGE OF WOODS
[Symbol]	FENCE
[Symbol]	CONSERVATION EASEMENT LIMIT
[Symbol]	POND
[Symbol]	PROPERTY LINE
[Symbol]	ADJACENT PROPERTY LINE
[Symbol]	EXISTING BUILDING
[Symbol]	GRAVEL DRIVEWAY
[Symbol]	ASPHALT ROAD
[Symbol]	ASPHALT ROAD CENTERLINE
[Symbol]	STORM CULVERT
[Symbol]	OVERHEAD ELECTRIC LINE
[Symbol]	UTILITY POLE
[Symbol]	PRIVATE WATER WELL
[Symbol]	CABLE BOX
[Symbol]	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
[Symbol]	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
[Symbol]	DELINEATED WETLAND (USACE JURISDICTIONAL)
[Symbol]	DELINEATED STREAM
[Symbol]	TOWN BOUNDARY

PLANTING LEGEND	
SYMBOL	ITEM
[Symbol]	PLANTING MODULE TYPE 1
[Symbol]	PLANTING MODULE TYPE 2
[Symbol]	PLANTING MODULE TYPE 3
[Symbol]	PLANTING MODULE TYPE 4

FOR PERMITTING ONLY
2/26/2024
NOT FOR CONSTRUCTION





SITE PLAN LEGEND	
SYMBOL	ITEM
[Hatched pattern]	LIMIT OF VEGETATION REMOVALS
[Dotted pattern]	TEMPORARY LAYDOWN YARD
[Hexagonal pattern]	SUBSTATION
[Dashed line]	RIP-RAP DEPRESSION
[Horizontal lines]	GRAVEL ACCESS ROAD
[Vertical lines]	VEGETATED FILTER STRIP
[Stippled pattern]	BIORETENTION AREA
[Diagonal lines]	HORIZONTAL DIRECTIONAL DRILL
[Dashed line]	ACCESS ROAD CENTERLINE
[Dashed line]	FENCE
[Dashed line]	ASSUMED EASEMENT
[Dashed line]	UNDERGROUND ELECTRIC LINE
[Dashed line]	94c MINIMUM SETBACK
[Dashed line]	TOWN OF WATERLOO SETBACK
[Dashed line]	LIMIT OF CONSTRUCTION ACTIVITY

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
[Dotted pattern]	EDGE OF WOODS
[Dashed line]	FENCE
[Dashed line]	CONSERVATION EASEMENT LIMIT
[Dashed line]	POND
[Dashed line]	PROPERTY LINE
[Dashed line]	ADJACENT PROPERTY LINE
[Outline]	EXISTING BUILDING
[Dashed line]	GRAVEL DRIVEWAY
[Dashed line]	ASPHALT ROAD
[Dashed line]	ASPHALT ROAD CENTER LINE
[Dashed line]	STORM CULVERT
[Dashed line]	OVERHEAD ELECTRIC LINE
[Circle]	UTILITY POLE
[Circle]	PRIVATE WATER WELL
[Square]	CABLE BOX
[Circle]	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
[Dashed line]	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
[Dashed line]	DELINEATED WETLAND (USACE JURISDICTIONAL)
[Dashed line]	DELINEATED STREAM
[Dashed line]	TOWN BOUNDARY

PLANTING LEGEND	
SYMBOL	ITEM
[Pattern]	PM-1 PLANTING MODULE TYPE 1
[Pattern]	PM-2 PLANTING MODULE TYPE 2
[Pattern]	PM-3 PLANTING MODULE TYPE 3
[Pattern]	PM-4 PLANTING MODULE TYPE 4

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GRAPHIC SCALE (IN FEET)

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CLIENT:

NORTH SENECA SOLAR PROJECT

Environmental Design & Research,
 Landscape Architecture, Engineering & Environmental Services, D.P.C.
 217 Montgomery Street, Suite 1100
 Syracuse, New York 13202
 P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE LAYOUT PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS			
NO.	DATE	ISSUED FOR / REVISION	BY
1	2/26/2024	ISSUED FOR REVIEW	ZR
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR
3			
4			
5			
6			

EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

SCALE: **1" = 100'**

DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-014

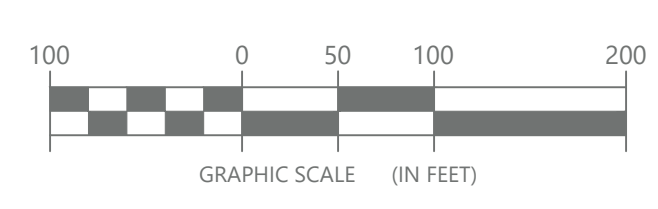


SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTERLINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

PLANTING LEGEND	
SYMBOL	ITEM
	PLANTING MODULE TYPE 1
	PLANTING MODULE TYPE 2
	PLANTING MODULE TYPE 3
	PLANTING MODULE TYPE 4

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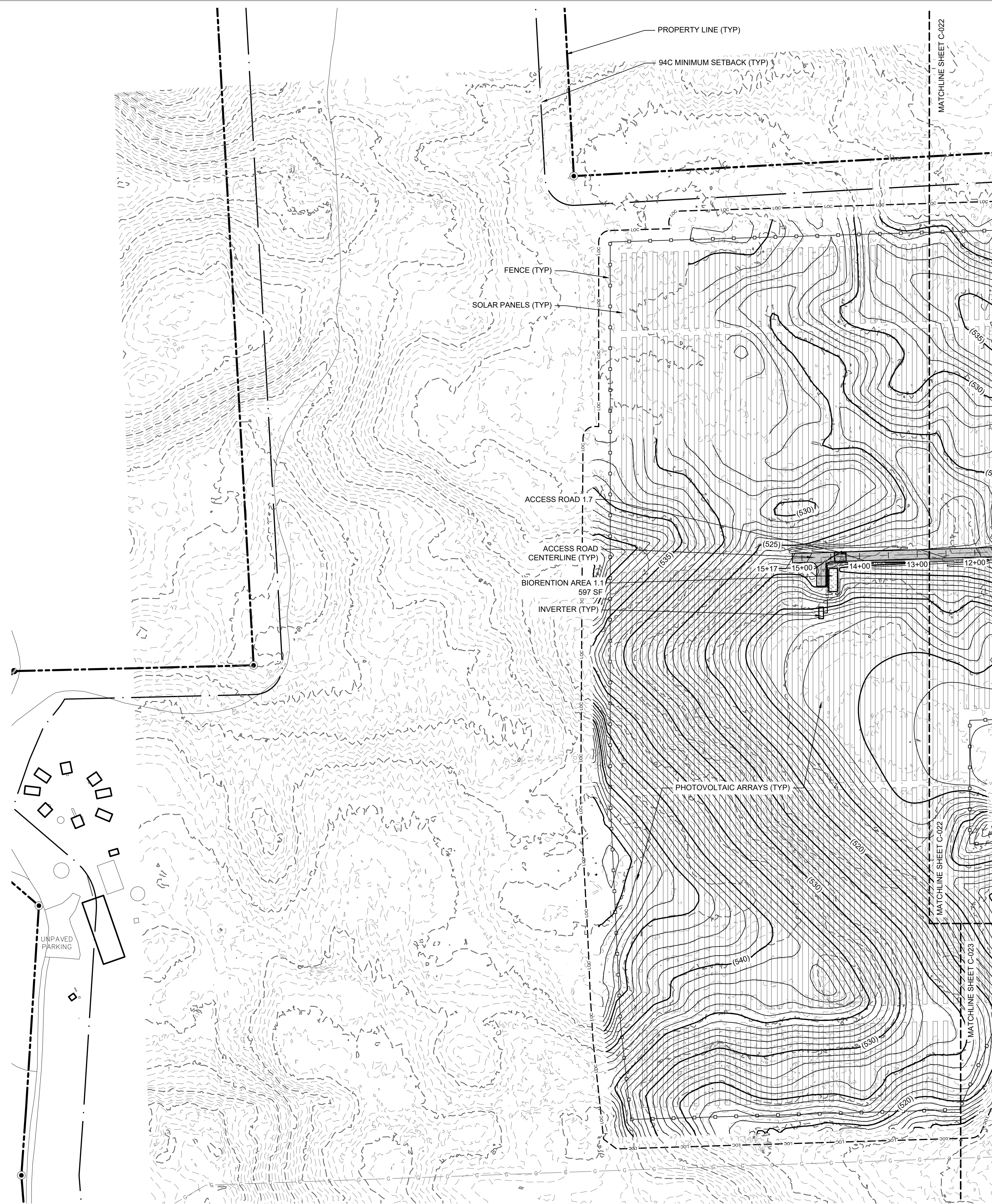
CLIENT:
NORTH SENECA SOLAR PROJECT

EDR
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Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**
PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**
CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**
DRAWING TITLE: **SITE LAYOUT PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS			
NO.	DATE	ISSUED FOR / REVISION	
1	2/26/2024	ISSUED FOR REVIEW	BY: ZR, CHK: TD, APP: TD
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	BY: ZR, TD
3			
4			
5			
6			

EDR JOB#: **22059**
DATE: **FEBRUARY 26, 2024**
SCALE: **1" = 100'**
DRAWN BY: **GEJ, KHJ**
CHECKED BY: **ZR**
DRAWING NUMBER:
C-015

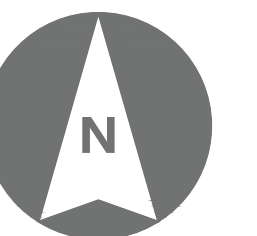
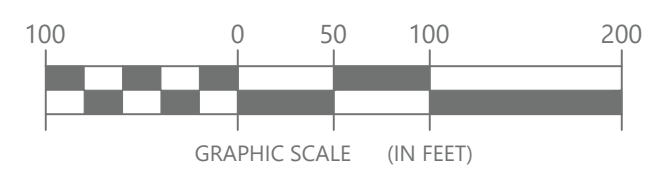


SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIO
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

GRADING LEGEND	
SYMBOL	ITEM
	EX. CONTOUR (MAJOR)
	EX. CONTOUR (MINOR)
	PROP. CONTOUR (MAJOR)
	PROP. CONTOUR (MINOR)

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTERLINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

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CLIENT:

NORTH SENECA SOLAR PROJECT

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Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE GRADING PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS

NO	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD	
3					
4					
5					
6					

EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

SCALE: **1" = 100'**

DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-021

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PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE GRADING PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD	
3					
4					
5					
6					

EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

SCALE: **1" = 100'**

DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-022

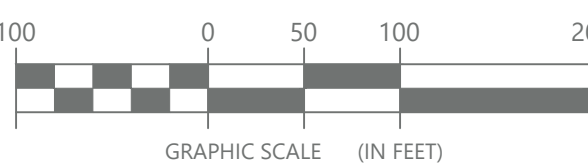


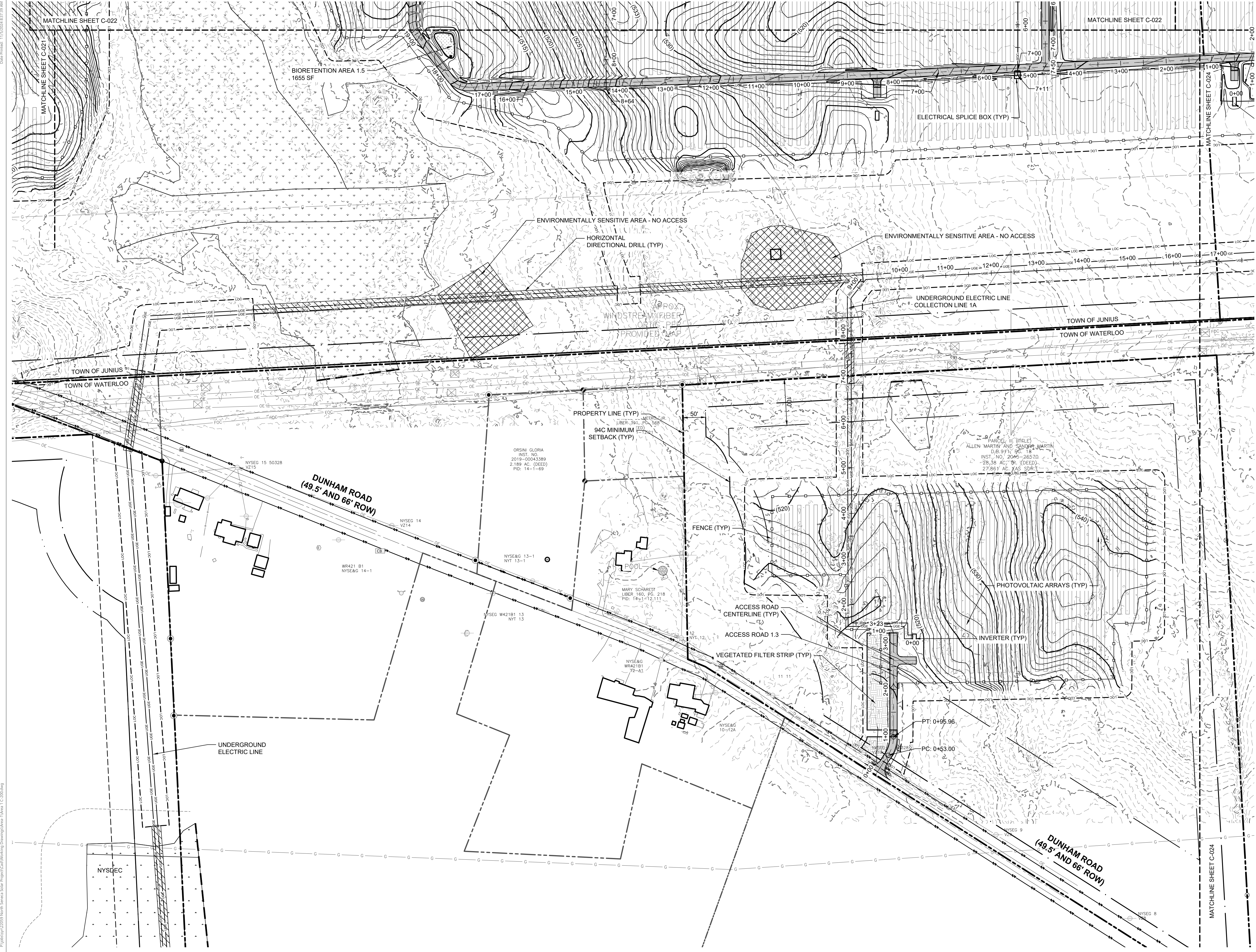
SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIO
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

GRADING LEGEND	
SYMBOL	ITEM
	1600
	EX. CONTOUR (MAJOR)
	EX. CONTOUR (MINOR)
	(1600)
	PROP. CONTOUR (MAJOR)
	PROP. CONTOUR (MINOR)

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTER LINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELIMITED WETLAND (USACE JURISDICTIONAL)
	DELIMITED STREAM
	TOWN BOUNDARY

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SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

GRADING LEGEND	
SYMBOL	ITEM
	EX. CONTOUR (MAJOR)
	EX. CONTOUR (MINOR)
	PROP. CONTOUR (MAJOR)
	PROP. CONTOUR (MINOR)

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTER LINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

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GRAPHIC SCALE (IN FEET)

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CLIENT:

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Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE GRADING PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS			
NO.	DATE	ISSUED FOR / REVISION	
1	2/26/2024	ISSUED FOR REVIEW	BY: ZR, TD
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	BY: ZR, TD
3			
4			
5			
6			

EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

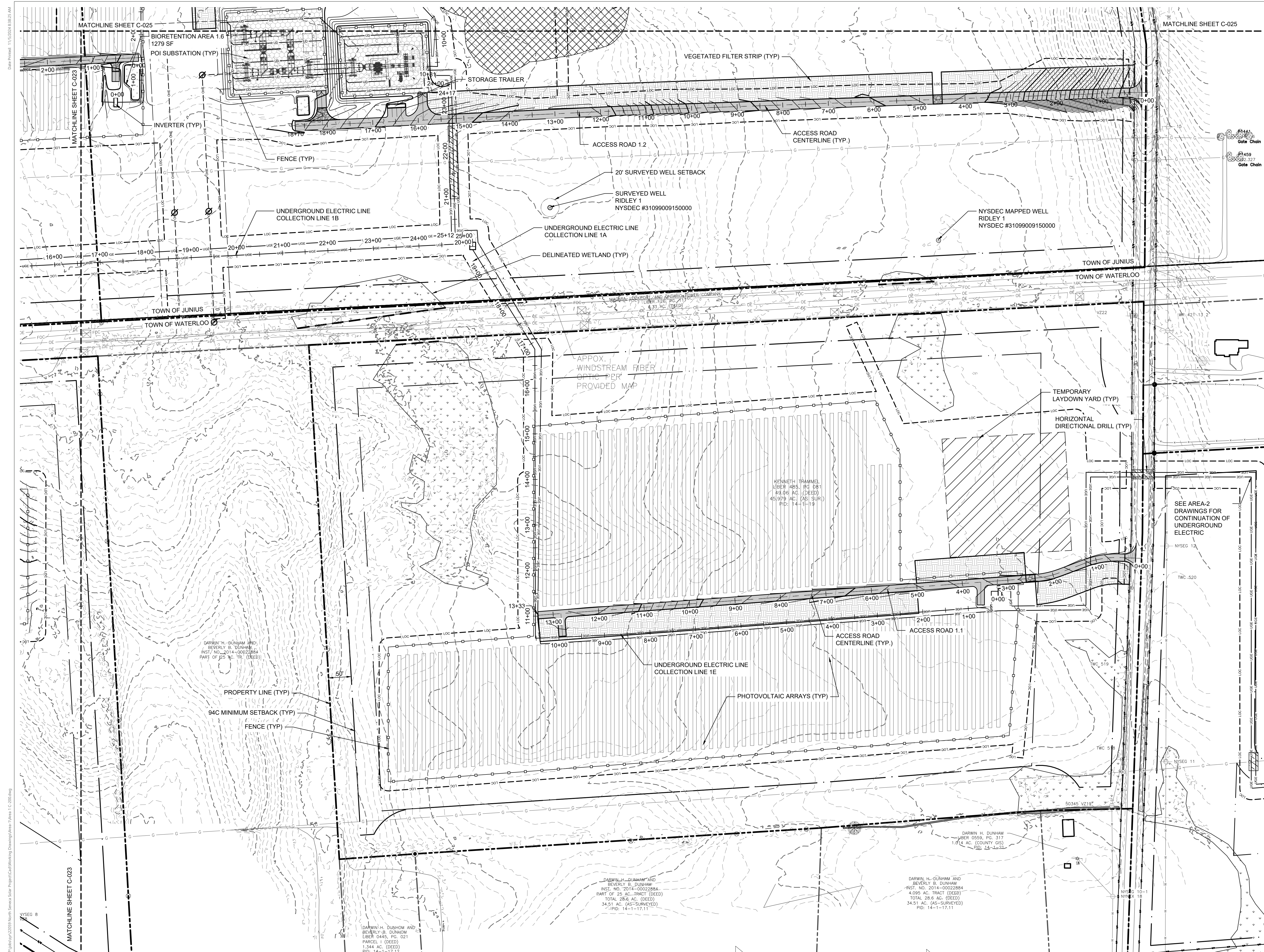
SCALE: **1" = 100'**

DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

C-023



SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIO
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

GRADING LEGEND	
SYMBOL	ITEM
	1600 EX. CONTOUR (MAJOR)
	EX. CONTOUR (MINOR)
	(1600) PROP. CONTOUR (MAJOR)
	PROP. CONTOUR (MINOR)

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTER LINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDEC JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

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GRAPHIC SCALE (IN FEET)

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P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE GRADING PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS		BY	CHK	APP	DATE
NO.	DATE	ISSUED FOR / REVISION			
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	SCALE: 1" = 100'
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD	DRAWN BY: GEJ, KHJ
3					CHECKED BY: ZR
4					DRAWING NUMBER:
5					
6					

C-024

Date Printed: 11/20/2024 8:38:06 AM

Matchline Sheet C-022

Matchline Sheet C-024

Matchline Sheet C-024

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

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Matchline Sheet C-022

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Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

Matchline Sheet C-022

INST. NO. 93-284 (SURVEY)
PID: 13-1-19.1

NYSEG 22 50345
NYT 30

NYSEG 21

NYSEG 19
NYT 77

NYSEG 18
NYT 76

NYSEG 17
NYT 75

NYSEG 16
NYT 74

NYSEG 15
NYT 73

PROPERTY LINE (TYP)
94c MINIMUM SETBACK (TYP)
ACCESS ROAD CENTERLINE (TYP)
ACCESS ROAD 1.4

VEGETATED FILTER STRIP (TYP)
CULVERT (TYP)
PROPERTY LINE (TYP)
94c MINIMUM SETBACK (TYP)

ENVIRONMENTALLY SENSITIVE AREA - NO ACCESS

PHOTOVOLTAIC ARRAYS (TYP)

SOLAR PANELS (TYP)

PARCEL # (TITLE)
ALLEN MARTIN
INST. NO. 2019-00044141
77.688 AC. (45 SJUR.)
PID: 13-1-19.212

ENVIRONMENTALLY SENSITIVE AREA - NO ACCESS

BIORETENTION AREA 1.6
1279 SF

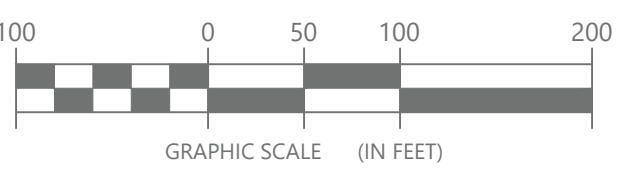
Matchline Sheet C-024

SITE PLAN LEGEND	
SYMBOL	ITEM
	LIMIT OF VEGETATION REMOVALS
	TEMPORARY LAYDOWN YARD
	SUBSTATION
	RIP-RAP DEPRESSION
	GRAVEL ACCESS ROAD
	VEGETATED FILTER STRIP
	BIORETENTION AREA
	HORIZONTAL DIRECTIONAL DRILL
	ACCESS ROAD CENTERLINE
	FENCE
	ASSUMED EASEMENT
	UNDERGROUND ELECTRIC LINE
	94c MINIMUM SETBACK
	TOWN OF WATERLOO SETBACK
	LIMIT OF CONSTRUCTION ACTIVITY

GRADING LEGEND	
SYMBOL	ITEM
	1600 EX. CONTOUR (MAJOR)
	EX. CONTOUR (MINOR)
	(1600) PROP. CONTOUR (MAJOR)
	PROP. CONTOUR (MINOR)

EXISTING CONDITIONS LEGEND	
SYMBOL	ITEM
	EDGE OF WOODS
	FENCE
	CONSERVATION EASEMENT LIMIT
	POND
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING BUILDING
	GRAVEL DRIVEWAY
	ASPHALT ROAD
	ASPHALT ROAD CENTER LINE
	STORM CULVERT
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	PRIVATE WATER WELL
	CABLE BOX
	GAS WELL / DRY HOLE / DRY WILDCAT / NOT LISTED
	NYSDCR JURISDICTIONAL WETLAND & 100' REGULATED ADJACENT AREA
	DELINEATED WETLAND (USACE JURISDICTIONAL)
	DELINEATED STREAM
	TOWN BOUNDARY

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CLIENT:
NORTH SENECA SOLAR PROJECT



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **SITE GRADING PLAN - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS

NO	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD	
3					
4					
5					
6					

EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

SCALE: **1" = 100'**

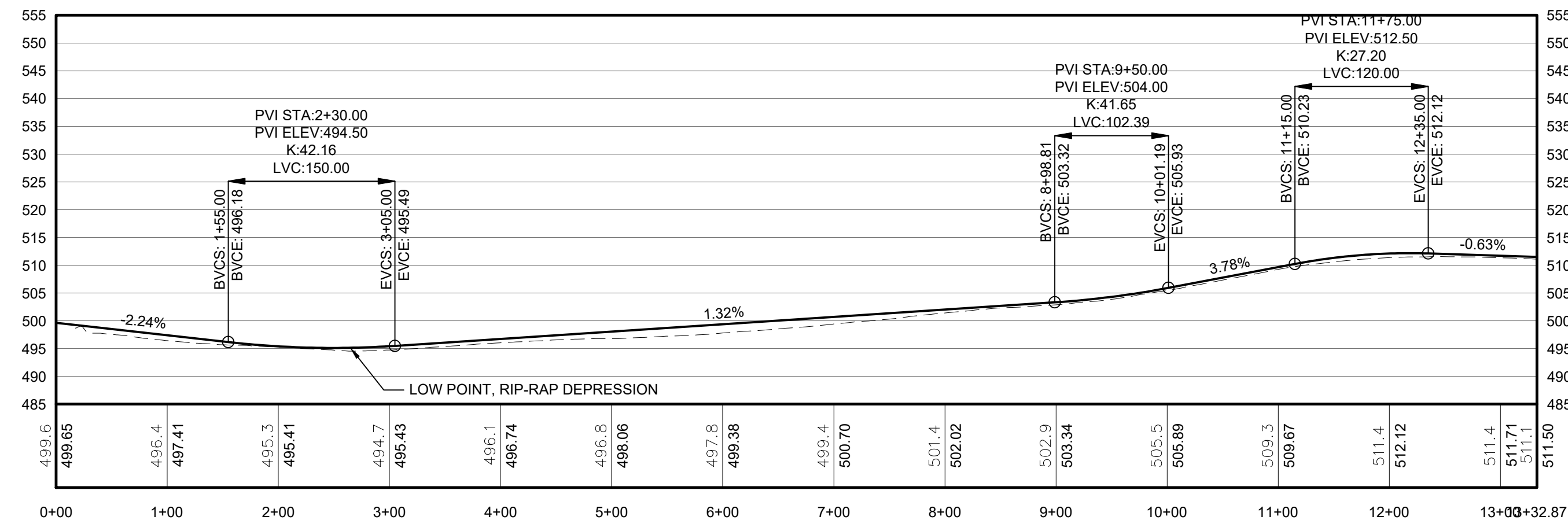
DRAWN BY: **GEJ, KHJ**

CHECKED BY: **ZR**

DRAWING NUMBER:

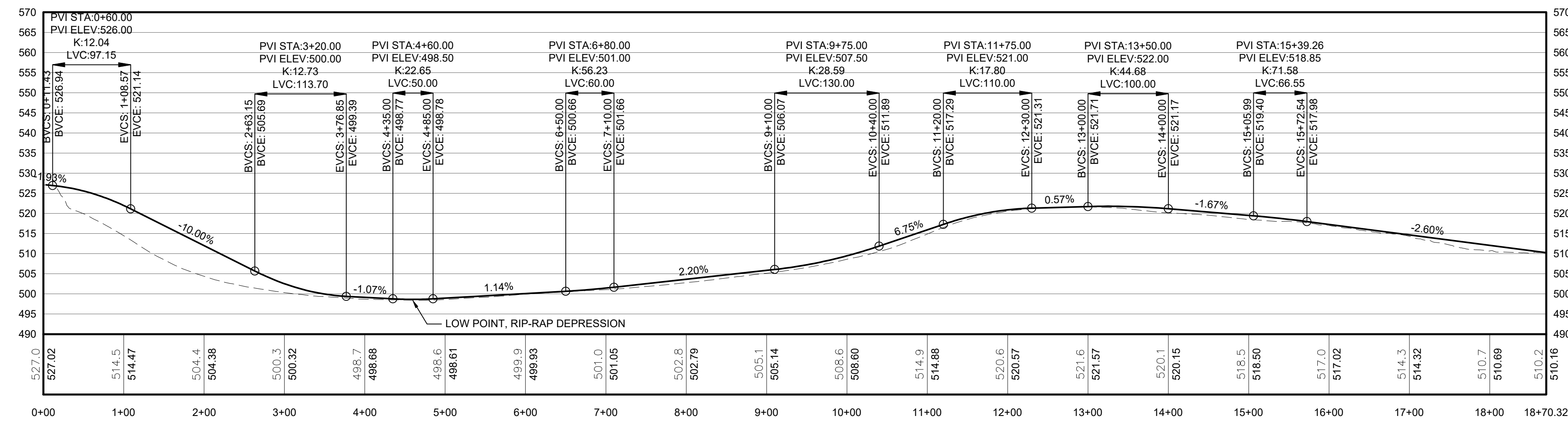
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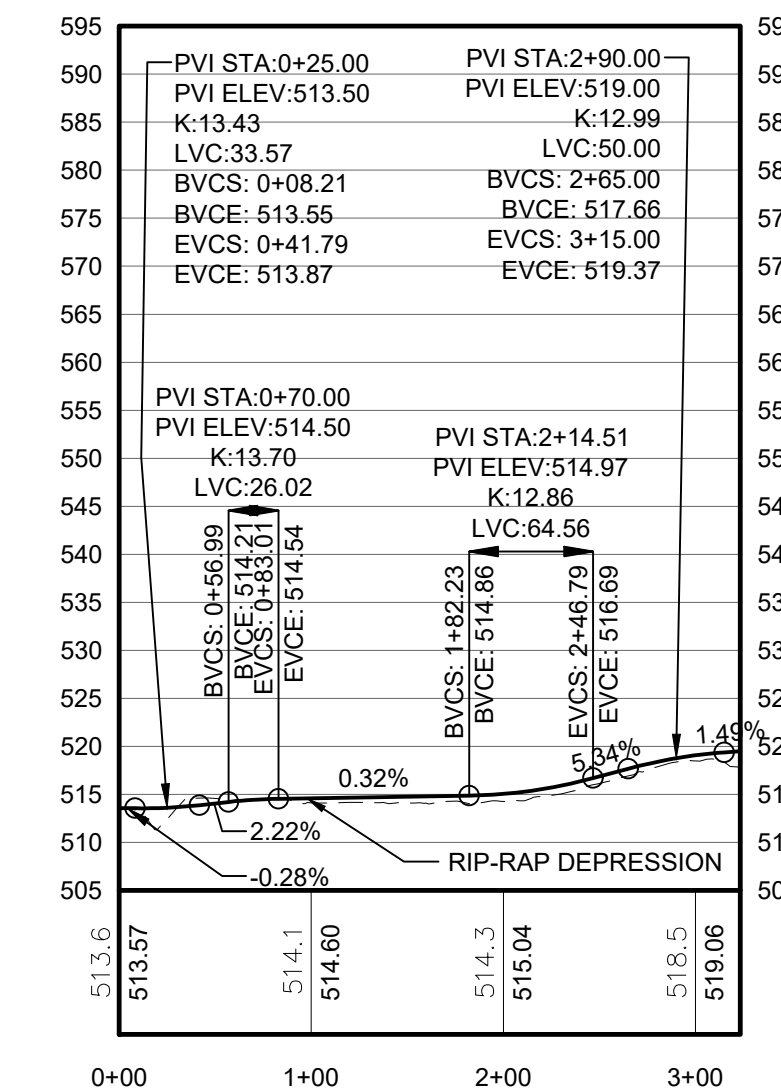
PROPOSED GRADE PROFILE - ACCESS ROAD 1.1, 0+00 TO 13+32.87

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



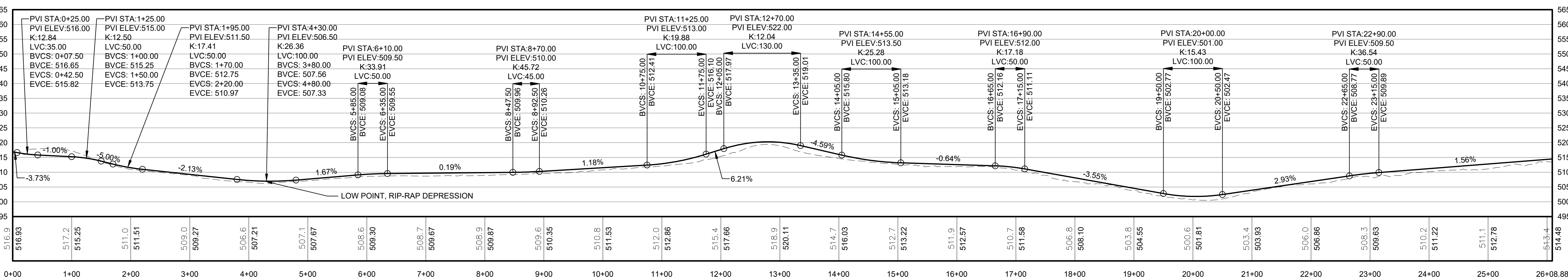
PROPOSED GRADE PROFILE - ACCESS ROAD 1.2, 0+00 TO 18+70.32

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



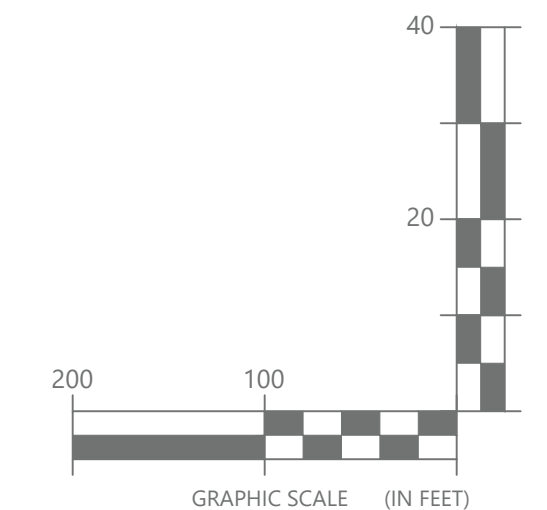
PROPOSED GRADE PROFILE - ACCESS ROAD 1.3, 0+00 TO 3+00.00

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



PROPOSED GRADE PROFILE - ACCESS ROAD 1.4, 0+00 TO 25+00.00

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



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PROJECT TITLE: NORTH SENECA SOLAR PROJECT

PROJECT LOCATION: TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK

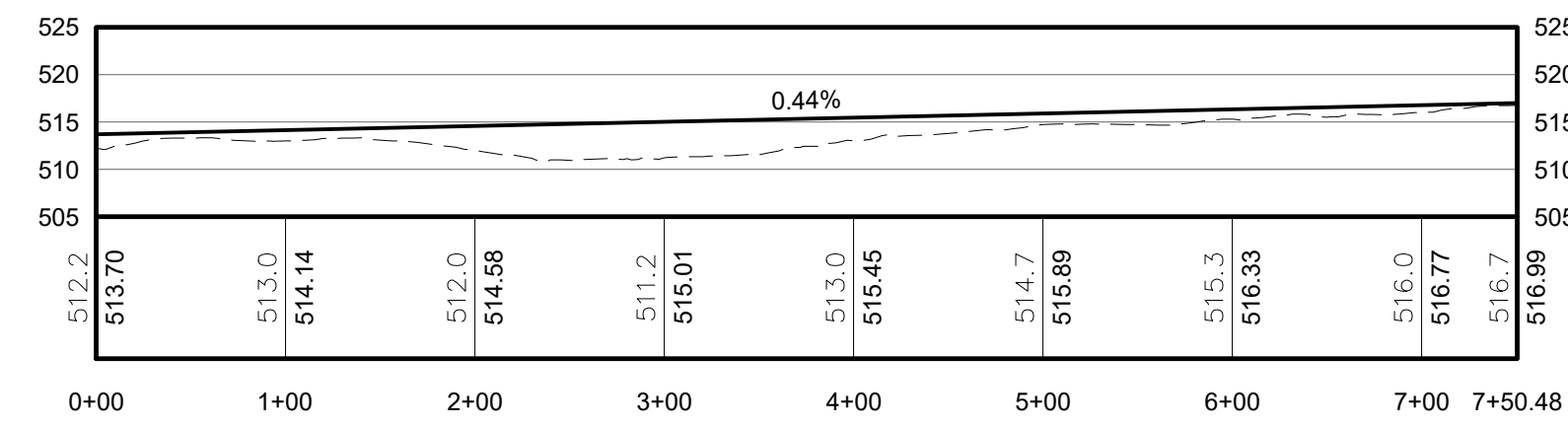
CLIENT: NORTH SENECA SOLAR PROJECT, LLC

DRAWING TITLE: ACCESS ROAD PROFILES - AREA 1

DRAWINGS ISSUED FOR / REVISIONS		
NO.	DATE	ISSUED FOR / REVISION
1	2/26/2024	ISSUED FOR REVIEW
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3		
4		
5		
6		

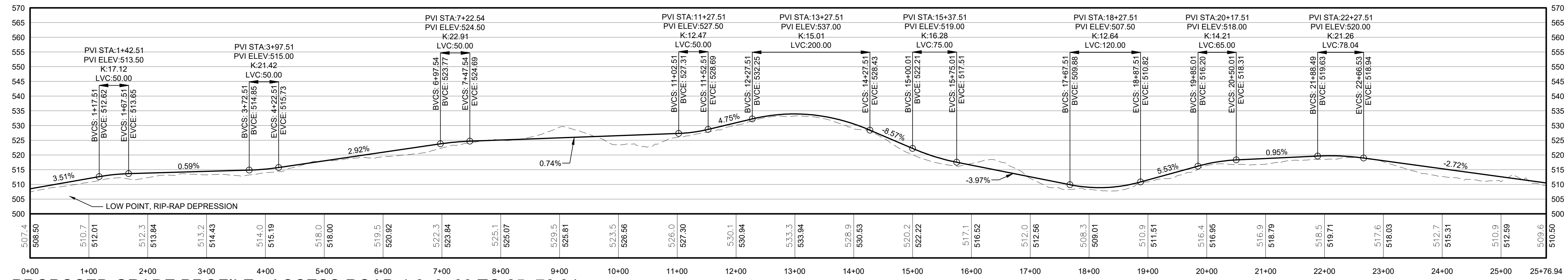
EDR JOB# 22059		
BY	CHK	APP
ZR	TD	
ZR	TD	
ZR		

DATE: **FEBRUARY 26, 2024**
 SCALE: 1" = 100'
 DRAWN BY: **BS, KHJ**
 CHECKED BY: **ZR**
 DRAWING NUMBER:
C-031



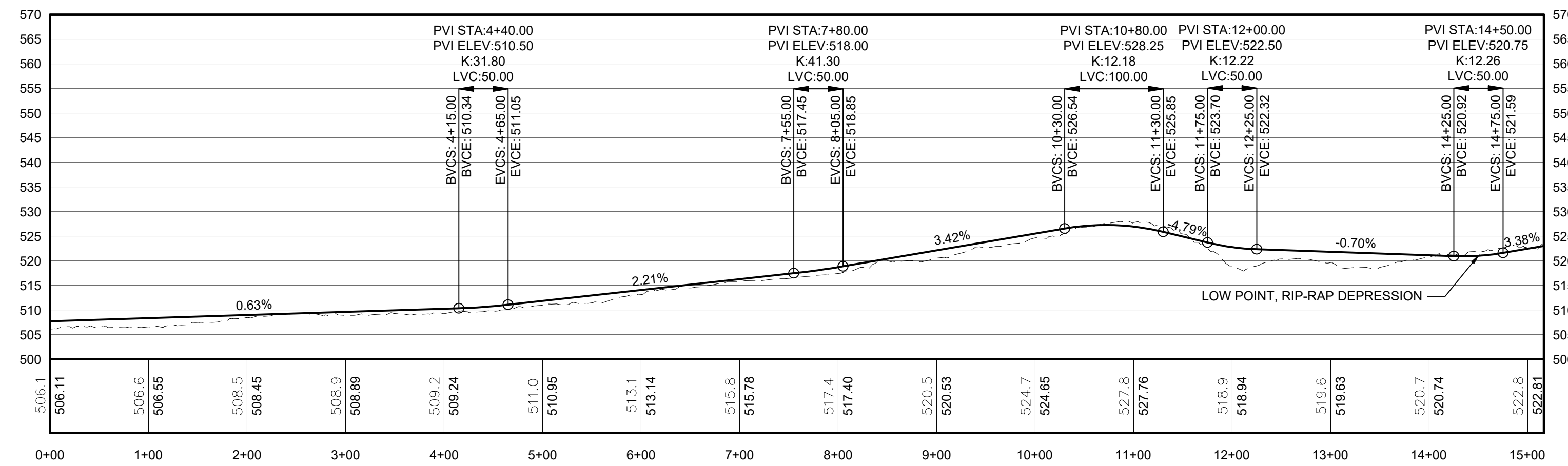
PROPOSED GRADE PROFILE - ACCESS ROAD 1.5, 0+00 TO 7+50.48

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



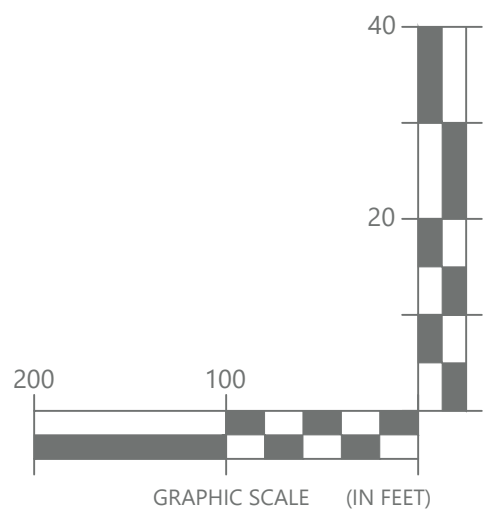
PROPOSED GRADE PROFILE - ACCESS ROAD 1.6, 0+00 TO 25+76.94

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



PROPOSED GRADE PROFILE - ACCESS ROAD 1.7, 0+00 TO 15+00

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



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P. 315.471.0688

PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **ACCESS ROAD PROFILES - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD	
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EDR JOB#: **22059**

DATE: **FEBRUARY 26, 2024**

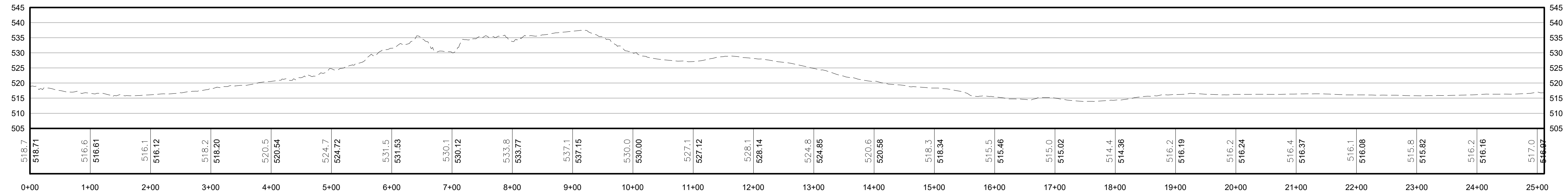
SCALE: **1" = 100'**

DRAWN BY: **BS, KHJ**

CHECKED BY: **ZR**

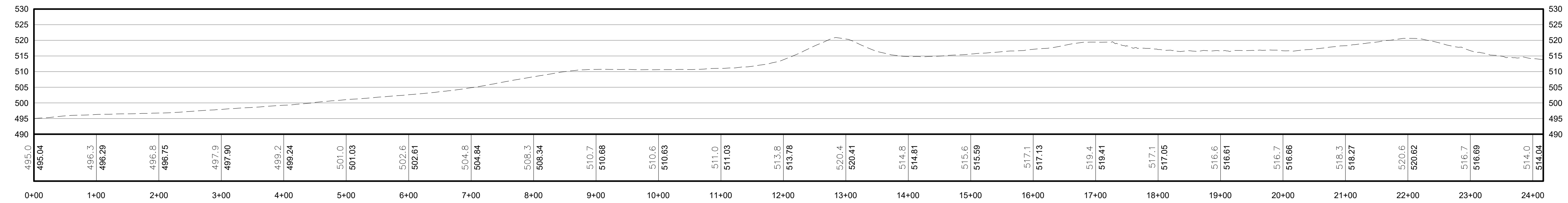
DRAWING NUMBER:

C-032



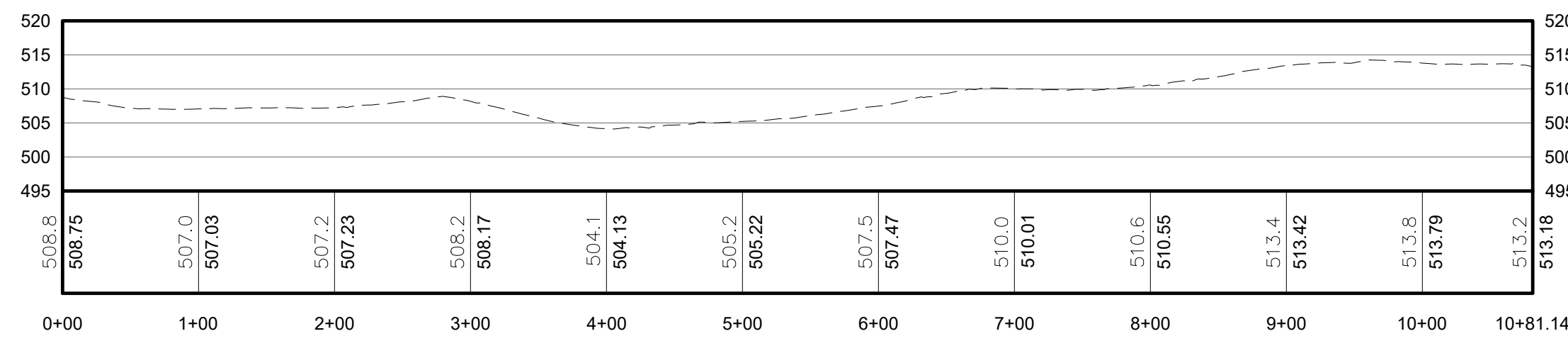
EXISTING GRADE PROFILE - COLECTION LINE 1A, 0+00 TO 25+11

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



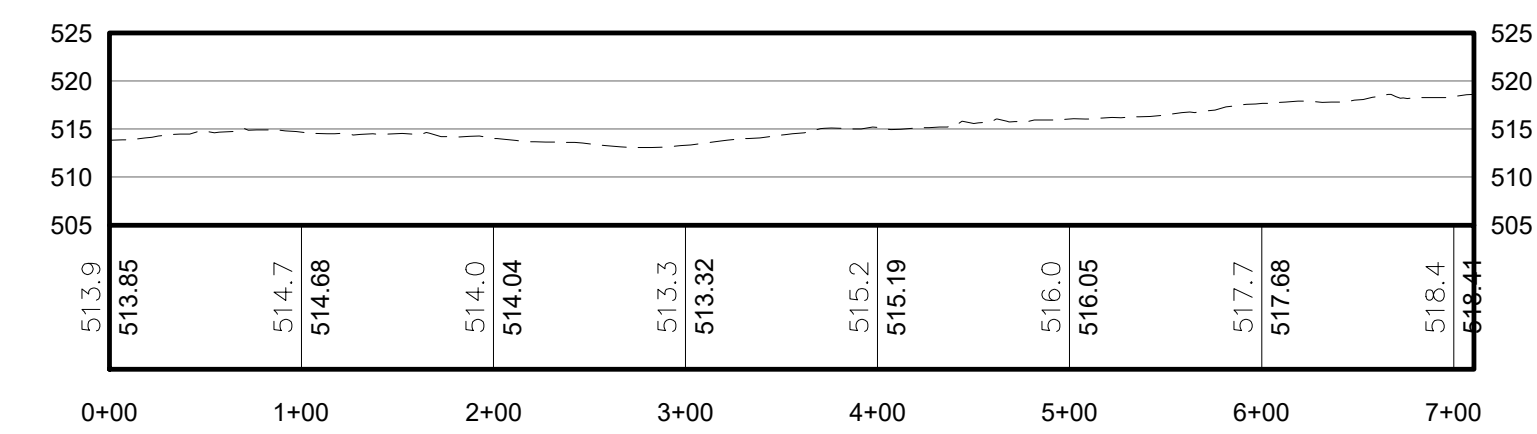
EXISTING GRADE PROFILE - COLECTION LINE 1B, 0+00 TO 24+16

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



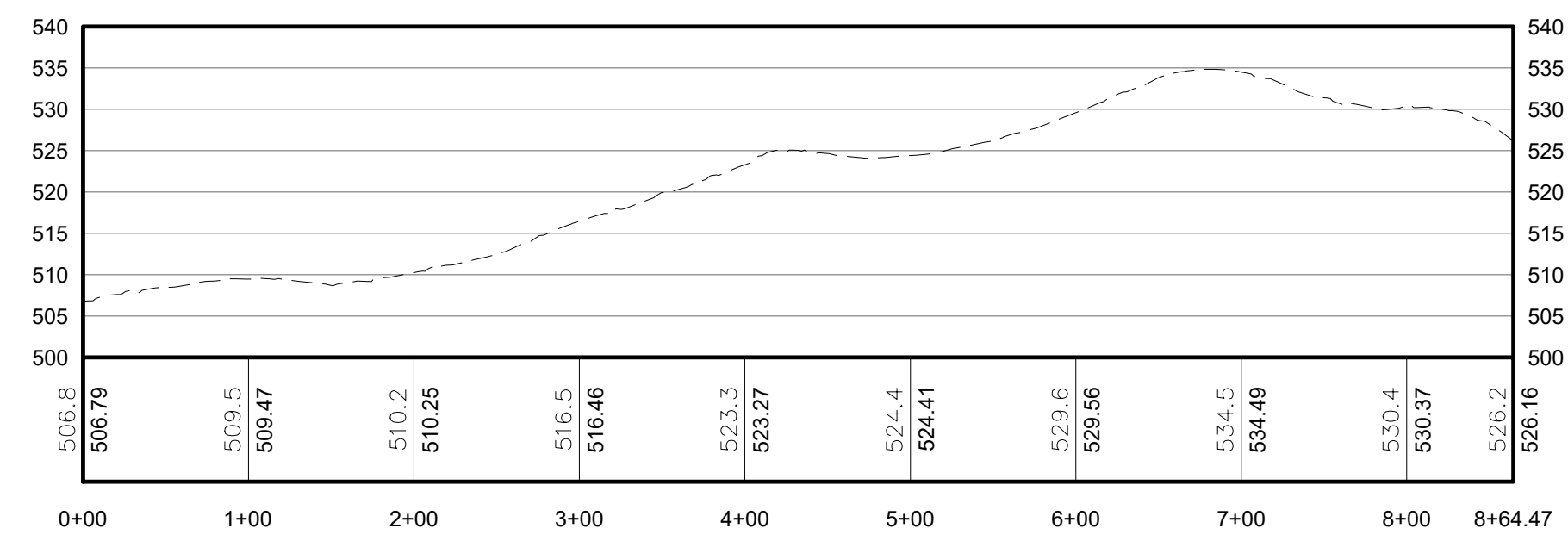
EXISTING GRADE PROFILE - COLECTION LINE 1C, 0+00 TO 10+81

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



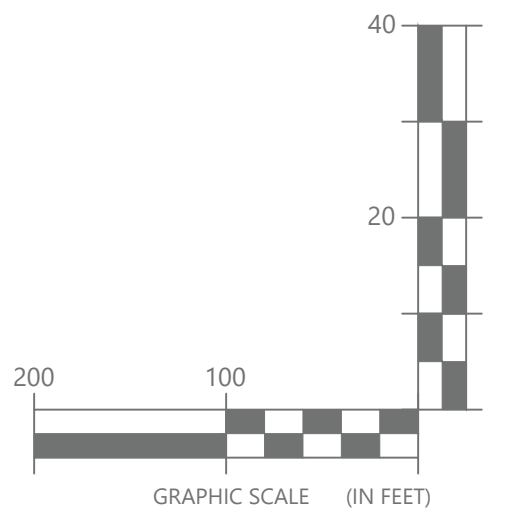
EXISTING GRADE PROFILE - COLECTION LINE D, 0+00 TO 7+10

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



EXISTING GRADE PROFILE - COLECTION LINE 1E, 0+00 TO 8+64

Horizontal Scale: 1" = 100', Vertical Scale: 1" = 20'



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PROJECT TITLE: **NORTH SENECA SOLAR PROJECT**

PROJECT LOCATION: **TOWNS OF JUNIUS AND WATERLOO, SENECA COUNTY, NEW YORK**

CLIENT: **NORTH SENECA SOLAR PROJECT, LLC**

DRAWING TITLE: **COLLECTION LINE PROFILES - AREA 1**

DRAWINGS ISSUED FOR / REVISIONS				EDR JOB#: 22059		
NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP	DATE: FEBRUARY 26, 2024
1	2/26/2024	ISSUED FOR REVIEW	ZR	TD		SCALE: 1" = 100'
2	11/8/2024	REVISED PER ORES NOTICE OF INCOMPLETE APPLICATION	ZR	TD		DRAWN BY: BS, KHJ
3						CHECKED BY: ZR
4						DRAWING NUMBER:
5						C-033
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