

BALDWINSVILLE (LYSANDER) CSG SOLAR PROJECT

60 ROAD
LYSANDER, NY 13027

ISSUED FOR PERMITTING
30% CIVIL DESIGN SET



LOCATION MAP
SCALE 1"=1000'

<p>PROJECT DEVELOPER</p> <p>BALDWINSVILLE PV I, LLC 200 PORTLAND STREET, 5TH FLOOR BOSTON, MA 02114</p>	<p>PROJECT SCOPE</p> <p>THIS PERMITTING PACKAGE PROVIDES DRAWINGS AND DETAILS FOR THE INSTALLATION OF A SOLAR PHOTOVOLTAIC SYSTEM IN THE STATE OF NEW YORK, INCLUDING TEMPORARY AND PERMANENT STORMWATER, EROSION & SEDIMENT CONTROL FEATURES. THIS DRAWING SET IS FOR DISCRETIONARY PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION.</p>
<p>CIVIL ENGINEER</p> <p>TETRA TECH ENGINEERING CORPORATION PC 3136 SOUTH WINTON RD, SUITE 303 ROCHESTER, NEW YORK 14624 (585) 417-4009</p>	<p>APPLICABLE CODES & STANDARDS</p> <ul style="list-style-type: none"> NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 855 (REFERENCE ONLY) 2015 INTERNATIONAL BUILDING CODE (IBC) AND NEW YORK AMENDMENTS 2015 INTERNATIONAL FIRE CODE (IFC) AND NEW YORK AMENDMENTS 2016 NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL TOWN OF LYSANDER ZONING ORDINANCE

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
C-001	TITLE SHEET
C-002	NOTES
C-101	EXISTING CONDITIONS
CD-201	TREE CLEARING PLAN
C-201	SITE PLAN
C-202	GRADING PLAN
C-203	EROSION & SEDIMENT CONTROL PLAN
C-204	LANDSCAPING PLAN
C-205	LINE OF SIGHT PLAN
C-401	ACCESS ROAD DETAILS
C-402	FENCE & GATE DETAILS
C-403	EROSION & SEDIMENT CONTROL DETAILS

PROJECT SUMMARY	
PARCEL NUMBER	057.01-03.1
PARCEL ACREAGE	158.94 AC
ZONING CLASSIFICATION	AR-40. AGRICULTURAL DISTRICT
FRONT SETBACK	100 FT
REAR SETBACK	50 FT
SIDE SETBACK	30 FT
ADDITIONAL SETBACK	200 FT FROM RESIDENTIAL LOT IF NOT SCREENED
PROJECT AREA	17.34 AC
LATITUDE/LONGITUDE	43.167916°/-76.322249°
SYSTEM SIZE (DC)	5.5 MW
SYSTEM SIZE (AC)	4.0 MW
GROUND COVER RATIO	48%

CIVIL INFORMATION	
ROAD LENGTH	737 FT
FENCE LENGTH	3,780 FT
SILT FENCE LENGTH	1,241 FT

**NOT FOR
CONSTRUCTION**

BALDWINSVILLE PV I, LLC.
200 PORTLAND STREET, 5TH
FLOOR
BOSTON, MA 02114



BALDWINSVILLE
(LYSANDER) CSG
SOLAR PROJECT

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
TITLE SHEET

SHEET SIZE:
ARCH "D"
24" X 36" (610 X 914)

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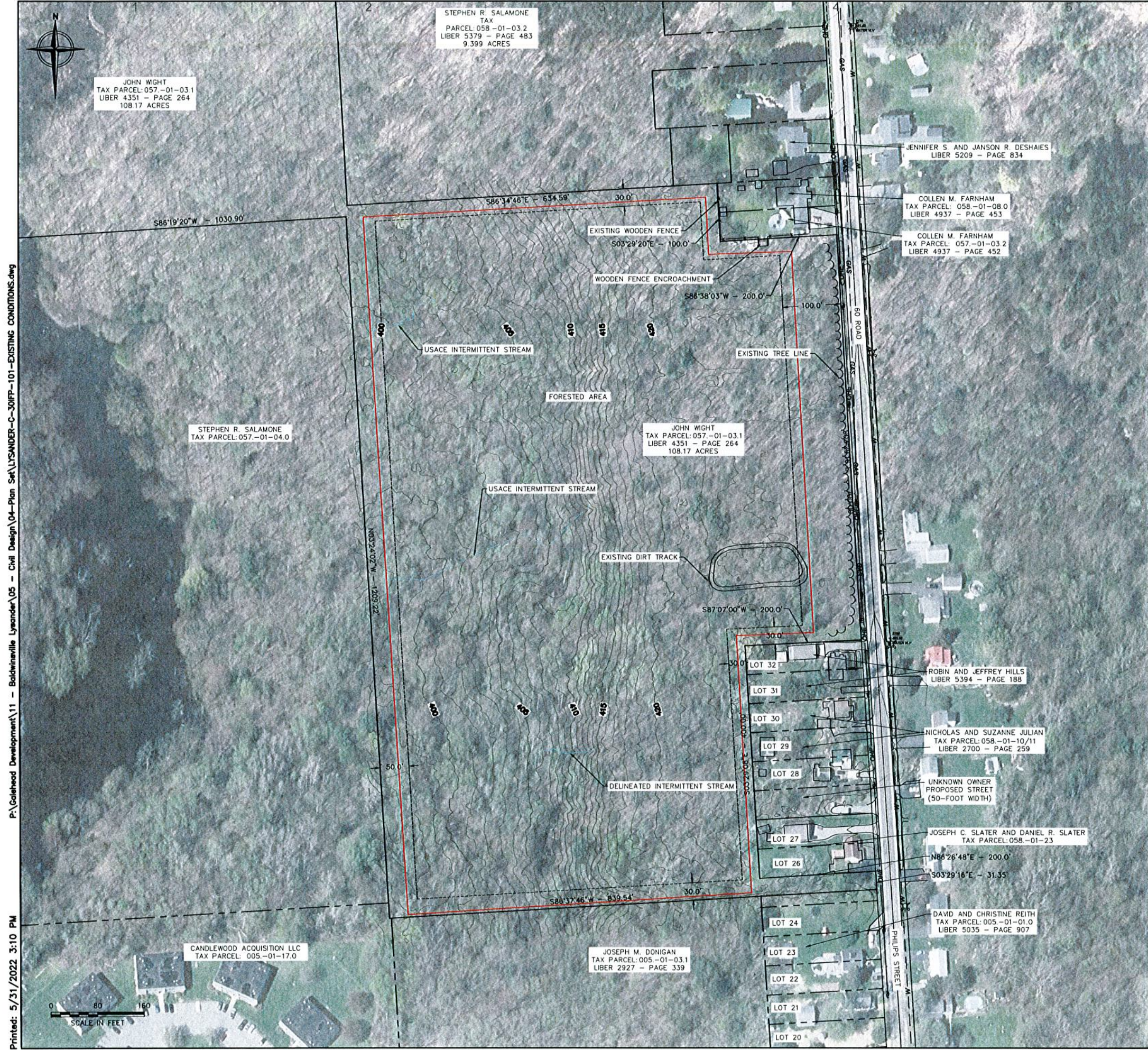
NO.	REVISION	DATE	INIT.

DATE: 05/27/2022
DRAWN BY: AJF
ENGINEER: AJF
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-001



LEGEND

	PROPERTY LINE
	LEASE AREA
	ADJACENT PROPERTY LINE
	ZONING SETBACKS
	475 EXISTING MAJOR CONTOUR (5 FT)
	EXISTING MINOR CONTOUR (1 FT)
	EXISTING TREE LINE
	DELINEATED INTERMITTENT STREAM
	BEGINNING 300 LINEAR FEET STREAM
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND WATER
	EXISTING UTILITY POLE
	EXISTING FIRE HYDRANT
	EXISTING FENCE LINE

- GENERAL NOTES:**
- EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THE ASSOCIATES, PLLC DATED MARCH 25, 2022. THIS DATA IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NAD83)(2011) NEW YORK CENTRAL ZONE, US FOOT AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD88) GEOID 18, US. FOOT.
 - TOPOGRAPHY SHOWN IS DERIVED FROM LIDAR DATA. THE ACCURACY OF THE TOPOGRAPHIC DATA MEETS OR EXCEEDS THE 10-CM VERTICAL ACCURACY CLASS AS DEFINED BY THE AMERICAN SOCIETY OF PHOTOGRAMMETRY AND REMOTE SENSING (ASPRS), WHICH IS SUITABLE FOR GENERATING CONTOURS AT ONE-FOOT INTERVALS.
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 - CONTACT DIG SAFELY NEW YORK AT (800) 962-7962 AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 2 WORKING DAYS PRIOR TO CONSTRUCTION. EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES AND OTHER EXISTING FEATURES IN OR NEAR THE AREA OF WORK, WHETHER INDICATED ON THESE DRAWINGS OR NOT. SHOULD A CONFLICT EXIST, NOTIFY THE ENGINEER AS SOON AS POSSIBLE. EXERCISE DUE CARE TO AVOID DISTURBING ANY UNDERGROUND UTILITIES. COORDINATE ANY POTENTIAL DISRUPTION IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO DISRUPTION. REPAIR DAMAGE TO EXISTING UTILITIES AT THE CONTRACTOR'S EXPENSE.
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NOT FOR CONSTRUCTION

BALDWINVILLE PV I, LLC.
200 PORTLAND STREET, 5TH FLOOR
BOSTON, MA 02114

TETRA TECH

STAMP:

 Brian Sielski
 Digitally signed by Brian Sielski
 DN: cn=Brian Sielski, o=Tetra Tech, ou=Professional Engineer, email=bsielski@tetra-tech.com, c=US

BALDWINVILLE (LYSANDER) CSG SOLAR PROJECT
60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
EXISTING CONDITIONS

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)

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 ENGINEER: AJF
 APPROVED BY:

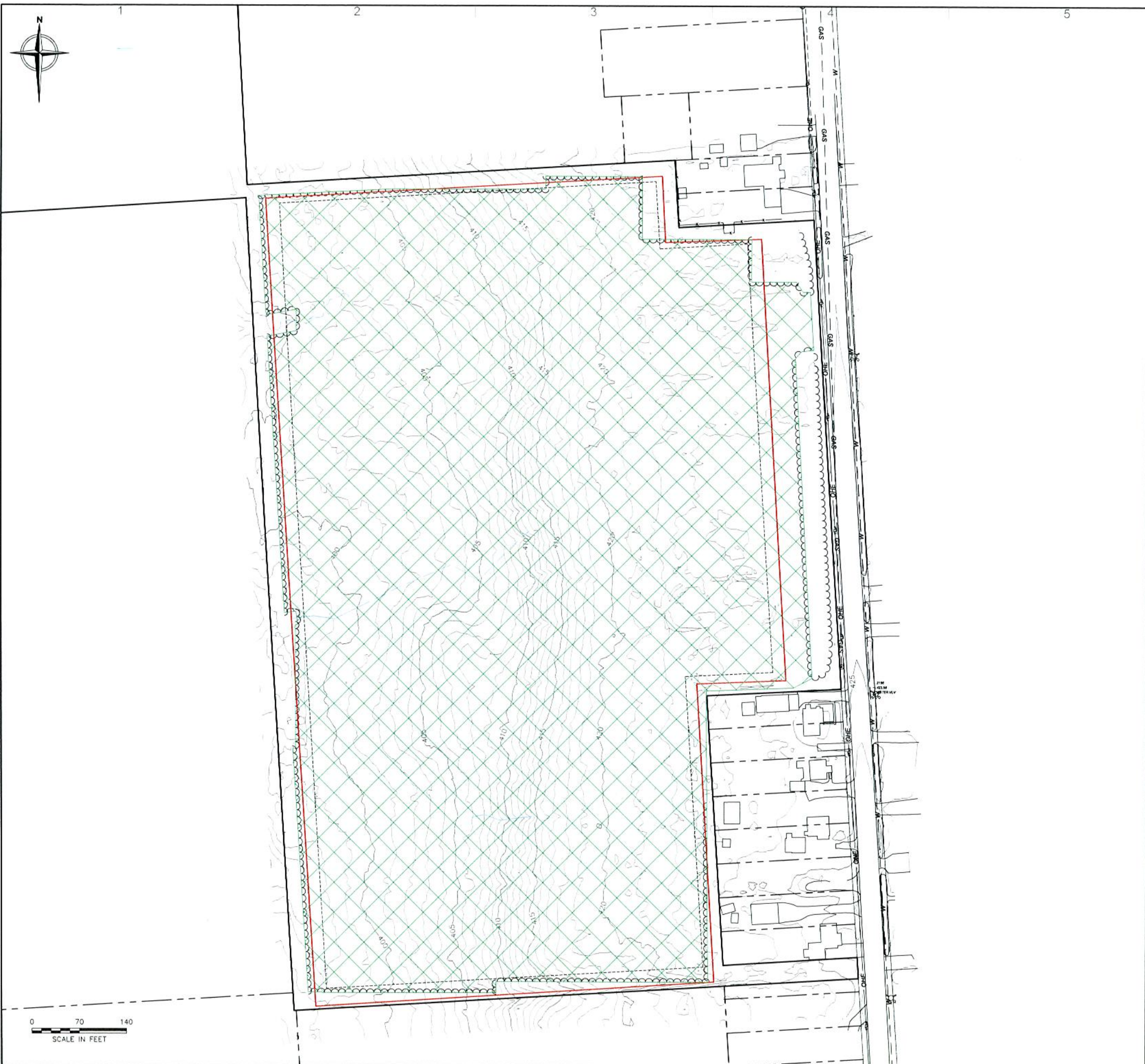
PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-101

P:\Golfhead Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-101-EXISTING CONDITIONS.dwg
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LEGEND

- — — — — PROPERTY LINE
- - - - - ADJACENT PROPERTY LINE
- - - - - ZONING SETBACKS
- 475 — EXISTING MAJOR CONTOUR (5 FT)
- — — — — EXISTING MINOR CONTOUR (1 FT)
- ~ ~ ~ ~ ~ PROPOSED TREE LINE
- — — — — DELINEATED INTERMITTENT STREAM
- — — — — BEGINNING 300 LINEAR FEET STREAM
- OHE — EXISTING OVERHEAD ELECTRIC
- GAS — EXISTING UNDERGROUND GAS
- W — EXISTING UNDERGROUND WATER
- ⊕ EXISTING UTILITY POLE
- ⊕ EXISTING FIRE HYDRANT
- — — — — EXISTING FENCE LINE
- ▨ PROPOSED TREE CLEARING

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THE ASSOCIATES, PLLC DATED MARCH 25, 2022. THIS DATA IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NAD83)(2011) NEW YORK CENTRAL ZONE, US FOOT AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD88) GEOID 18, US. FOOT.
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NOT FOR CONSTRUCTION

BALDWINVILLE PV I, LLC.
200 PORTLAND STREET, 5TH FLOOR
BOSTON, MA 02114



STAMP:



Digitally signed by Brian Sielski
DN: cn=Brian Sielski, o=Tetra Tech, ou=Engineering, email=bsielski@tetratech.com
Date: 2022.05.27 15:13:00Z

**BALDWINVILLE
(LYSANDER) CSG
SOLAR PROJECT**

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
TREE CLEARING PLAN

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)

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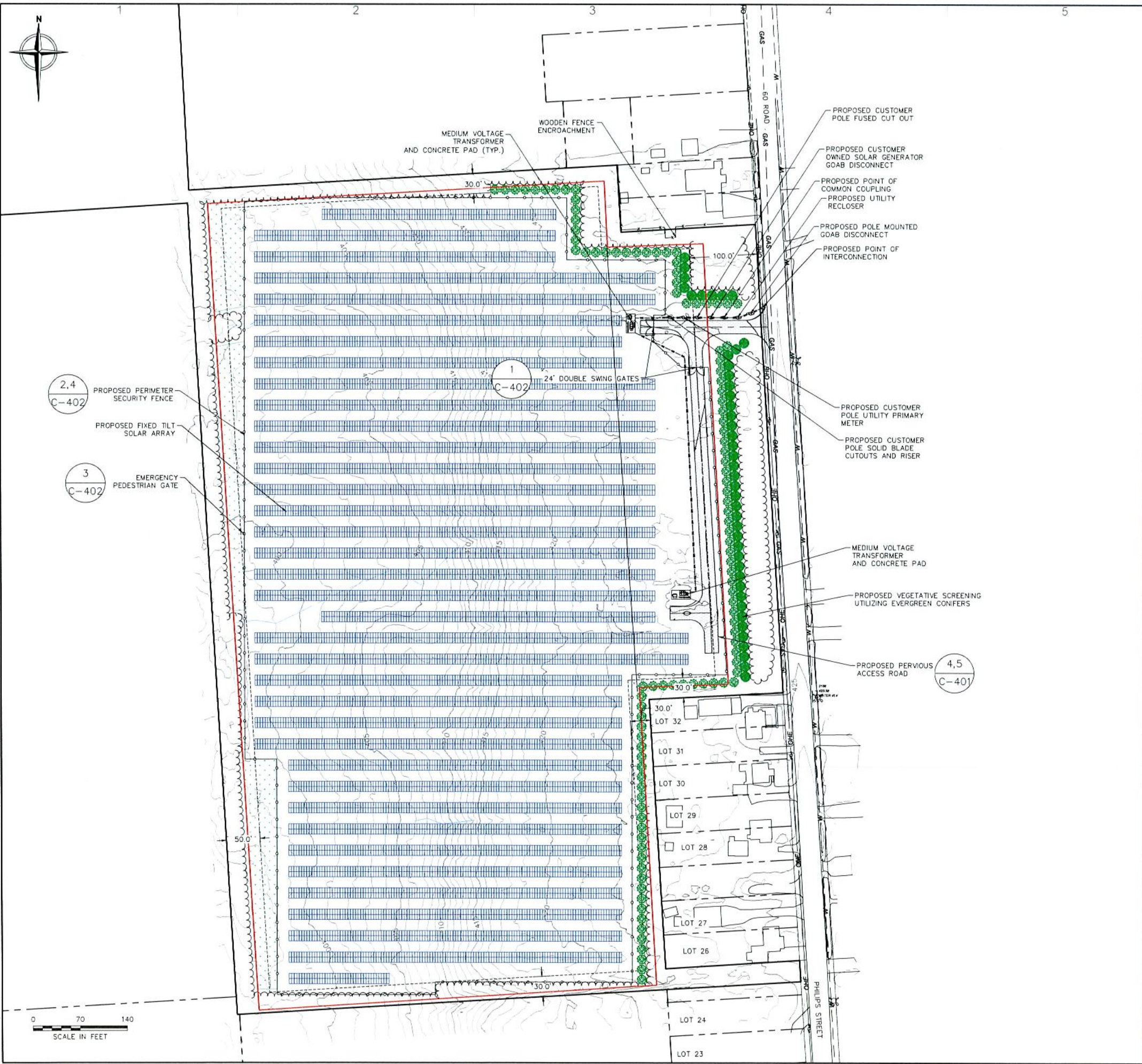
DATE: 05/27/2022
DRAWN BY: AJF
ENGINEER: AJF
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
CD-201

Printed: 5/31/2022 3:15 PM P:\Golehead Development\11 - Baldwinsville Lysander\05 - Baldwinsville Lysander\04-Plan Set\LYSANDER-C-301FP-201 202 203 204-SITE PLAN.dwg



LEGEND

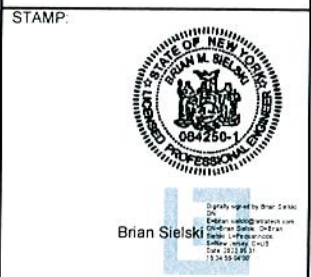
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- — 10 FT STREAM BUFFER
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- GAS — EXISTING UNDERGROUND GAS
- W — EXISTING UNDERGROUND WATER
- — EXISTING UTILITY POLE
- — EXISTING FIRE HYDRANT
- — EXISTING FENCE LINE
- — PROPOSED SECURITY FENCE
- — PROPOSED UNDERGROUND CONDUIT
- — PROPOSED ELECTRICAL CONDUIT
- — PROPOSED UTILITY POLE
- — PERVIOUS ACCESS ROAD
- — PROPOSED VEGETATIVE SCREENING
- — POTENTIAL LOCATION OF STORMWATER FEATURE

GENERAL NOTES:

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7. SEE ELECTRICAL AND STRUCTURAL DRAWINGS (UNDER SEPARATE COVERS) FOR SOLAR PV ARRAY, RACKING SYSTEM, EQUIPMENT, ELECTRICAL UTILITY POWER POLE AND CONNECTION DETAILS.
8. ACCESS ROAD SHOWN IS FOR THE FINISHED CONDITION. CORRIDOR TO BE USED DURING CONSTRUCTION. HOWEVER, ACCESS ROAD DESIGN IS NOT INTENDED FOR CONSTRUCTION TRAFFIC/EQUIPMENT.
9. THERE IS TO BE NO DISTURBANCE OR DEVELOPMENT OVER THE STREAMS CLAIMED BY THE US ARMY CORPS OF ENGINEERS OTHER THAN IN THE FIRST 300 LF.

NOT FOR CONSTRUCTION

BALDWINVILLE PV I, LLC.
200 PORTLAND STREET, 5TH FLOOR
BOSTON, MA 02114



BALDWINVILLE (LYSANDER) CSG SOLAR PROJECT

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
SITE PLAN

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)

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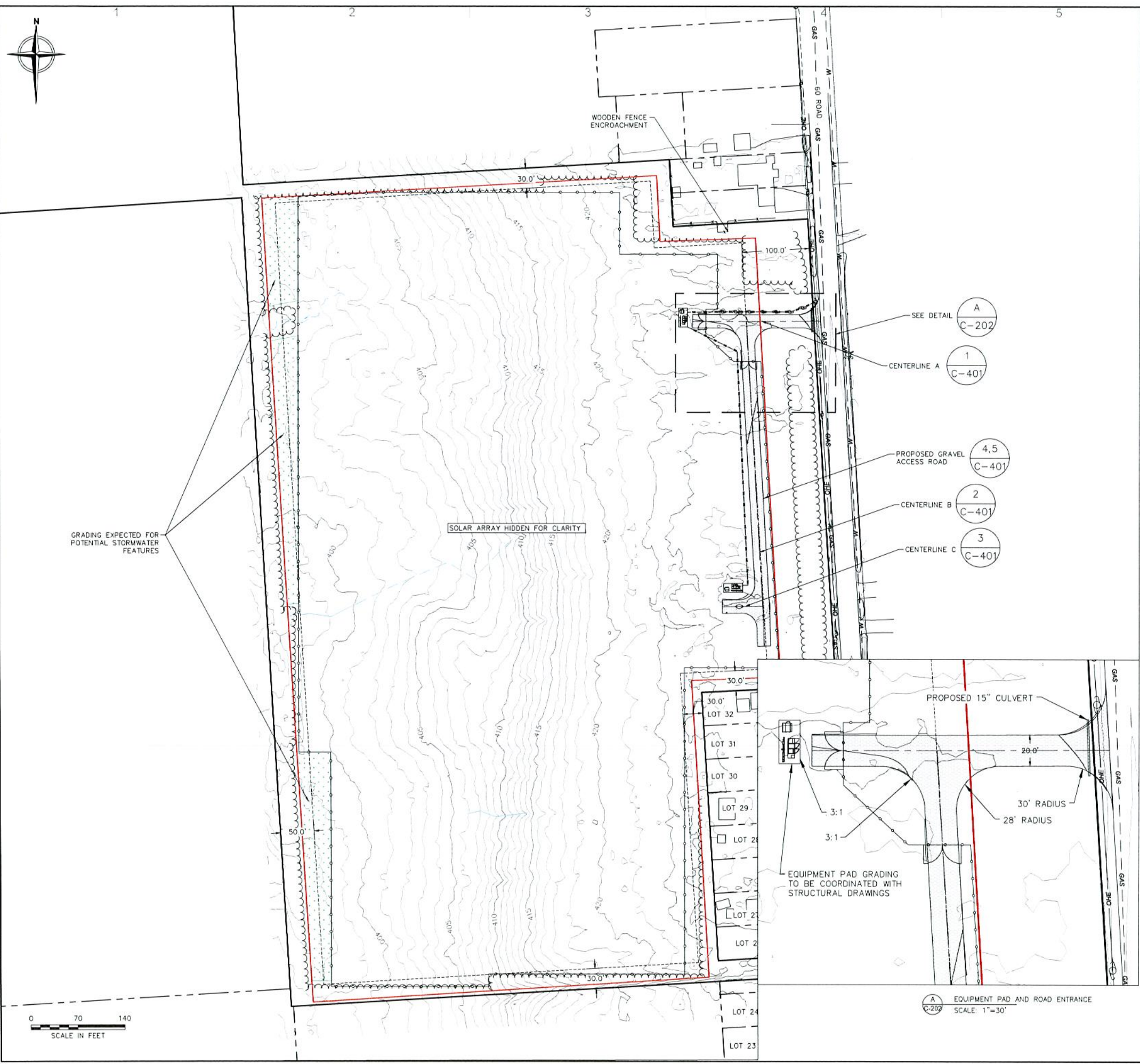
DATE: 05/27/2022
DRAWN BY: A/JF
ENGINEER: A/JF
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-201

P:\Caledonia Development\11 - Baldwinville Lysander\05 - Baldwinville Lysander\04-Plan Set\LYSANDER-C-301FP-201 202 203 204-SITE PLAN.dwg
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LEGEND

	PROPERTY LINE
	LEASE AREA
	ADJACENT PROPERTY LINE
	ZONING SETBACKS
	EXISTING MAJOR CONTOUR (5 FT)
	EXISTING MINOR CONTOUR (1 FT)
	PROPOSED TREE LINE
	DELINEATED INTERMITTENT STREAM
	BEGINNING 300 LINEAR FEET STREAM
	10 FT STREAM BUFFER
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND WATER
	EXISTING UTILITY POLE
	EXISTING FIRE HYDRANT
	EXISTING FENCE LINE
	PROPOSED SECURITY FENCE
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED ELECTRICAL CONDUIT
	PROPOSED UTILITY POLE
	PERVIOUS ACCESS ROAD
	PROPOSED CONTOUR (MAJOR)
	PROPOSED CONTOUR (MINOR)
	PROPOSED CULVERT
	POTENTIAL LOCATION OF STORMWATER FEATURE (GRADING EXPECTED)

- GENERAL NOTES:**
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 - PROVIDE POSITIVE DRAINAGE AWAY FROM EQUIPMENT PADS, NO MORE THAN 1%.
 - DEWATER EXCAVATIONS AS NECESSARY TO MAINTAIN A STABILIZED SLOPE ACCORDING TO DETAIL 4 ON SHEET C-403

BALDWINVILLE PV I, LLC.
 200 PORTLAND STREET, 5TH FLOOR
 BOSTON, MA 02114

STAMP:

BALDWINVILLE (LYSANDER) CSG SOLAR PROJECT
 60 ROAD
 LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
 194-1081-0016

SHEET TITLE:
 GRADING PLAN

SHEET SIZE:
 ARCH "D"
 24" X 36" (610 x 914)

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 APPROVED BY:

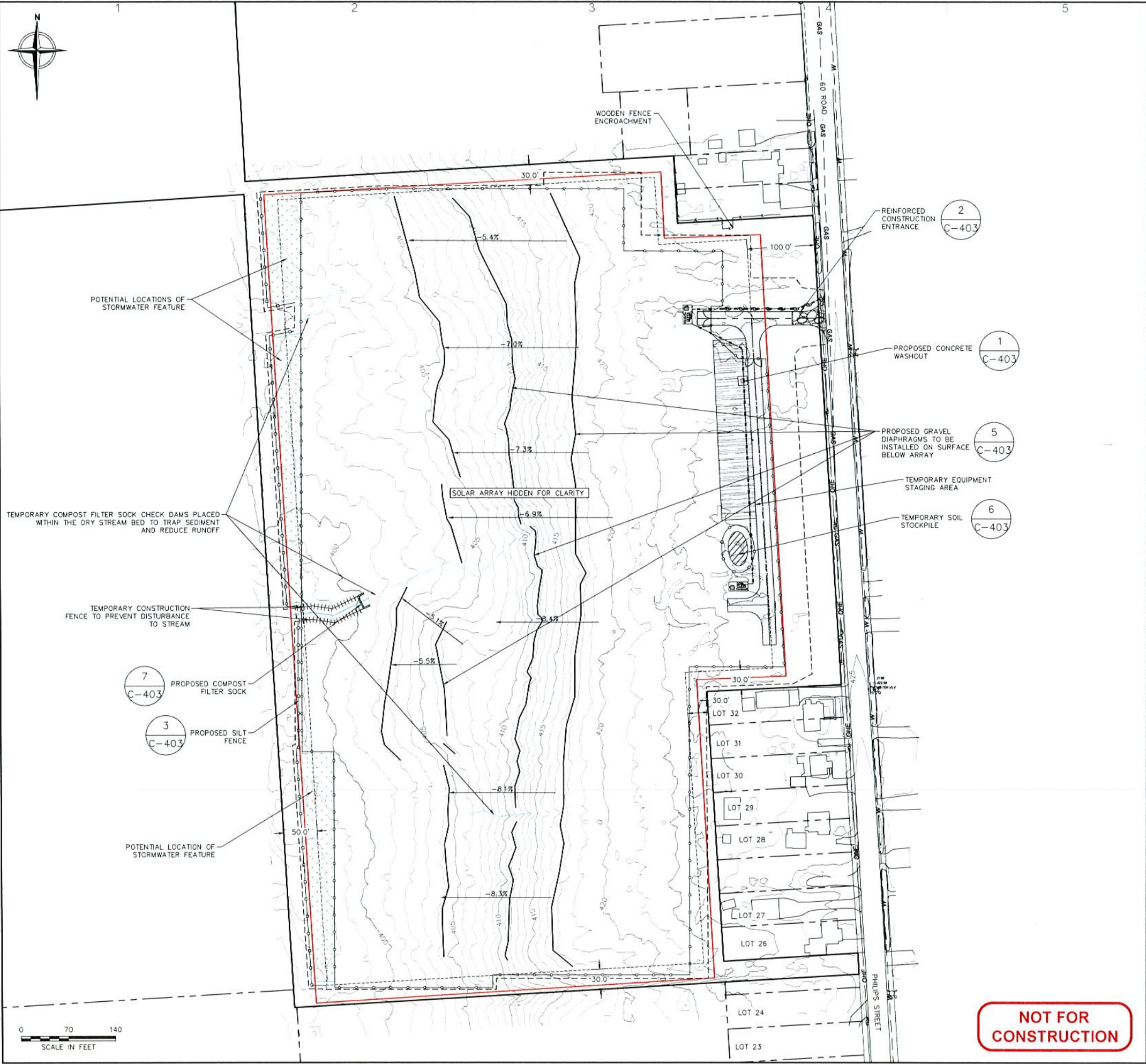
PROJECT PHASE:
 30% ISSUED FOR PERMITTING

SCALE: AS SHOWN

SHEET NO.: **C-202**

NOT FOR CONSTRUCTION

P:\Gatehead Development\11 - Baldwinville Lysander\05 - Baldwinville Lysander\04 - Plan Set\LYSANDER-C-301FP-201 202 203 204-SITE PLAN.dwg
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NOT FOR CONSTRUCTION

LEGEND

	PROPERTY LINE
	LEASE AREA
	ADJACENT PROPERTY LINE
	ZONING SETBACKS
	EXISTING MAJOR CONTOUR (5 FT)
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	PROPOSED TREE LINE
	DELINEATED INTERMITTENT STREAM
	BEGINNING 300 LINEAR FEET STREAM
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	EXISTING FIRE HYDRANT
	EXISTING FENCE LINE
	PROPOSED SECURITY FENCE
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED ELECTRICAL CONDUIT
	PROPOSED UTILITY POLE
	PERVIOUS ACCESS ROAD
	PROPOSED SILT FENCE
	STABILIZED CONSTRUCTION ENTRANCE
	SOIL STOCKPILE
	GRAVEL DIAPHRAGM
	POTENTIAL LOCATION OF STORMWATER FEATURE
	TEMPORARY EQUIPMENT STAGING AREA
	TEMPORARY CONSTRUCTION FENCE
	LIMITS OF DISTURBANCE

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 - CONTACT DIG SAFELY NEW YORK AT (800) 962-7962 AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 2 WORKING DAYS PRIOR TO CONSTRUCTION. EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES AND OTHER EXISTING FEATURES IN OR NEAR THE AREA OF WORK, WHETHER INDICATED ON THESE DRAWINGS OR NOT. SHOULD A CONFLICT EXIST, NOTIFY THE ENGINEER AS SOON AS POSSIBLE. EXERCISE DUE CARE TO AVOID DISTURBING ANY UNDERGROUND UTILITIES. COORDINATE ANY POTENTIAL DISRUPTION IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO DISRUPTION. REPAIR DAMAGE TO EXISTING UTILITIES AT THE CONTRACTOR'S EXPENSE.
 - THE SUBJECT PROPERTY IS LOCATED IN AN AREA DESIGNATED AS FLOOD ZONE X, BEING OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. THIS DETERMINATION IS SHOWN ON THE FLOOD INSURANCE RATE MAP NO. PANEL 620 OF 520, DATED MARCH 4TH, 2016, FOR COMMUNITY NO. 36067C0062F IN ONONDAGA COUNTY, NEW YORK.
 - THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THE ASSOCIATES, LLC DATED MARCH 25, 2022.
 - STREAM DELINEATION WAS PROVIDED BY TETRA TECH, DATED SEPTEMBER 23, 2021. THE NORTHERN AND MIDDLE STREAM HAVE BEEN IDENTIFIED AS BEING UNDER THE JURISDICTION OF THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE).
 - TEMPORARY STAGING AREA TO BE RESTORED TO ORIGINAL CONDITION PRIOR TO COMPLETION.
 - LOCATIONS OF SILT FENCE AND FILTER SOCK ARE TO BE ADJUSTED TO ENSURE SEDIMENT RUNOFF INTERCEPTION.
 - STABILIZE ALL AREAS OF EXCAVATION WITH SEED AND MULCH. USE ANCHORED EROSION CONTROL MATS ON SLOPES GREATER THAN 4%. HYDROSEEDING WITH A TACKLIFIER MAY BE NECESSARY ALONG PANEL DRIP EDGE.
 - CONTRACTOR MAY ADJUST LOCATION OF CONCRETE WASHOUT AND SOIL STOCKPILE BASED ON FIELD CONDITIONS. STOCKPILES AND WASHOUT AREAS SHOULD NOT BE DIRECTLY ADJACENT TO WETLANDS, OR AREAS OF POOLING.

BALDWINVILLE PV I, LLC.
 200 PORTLAND STREET, 5TH FLOOR
 BOSTON, MA 02114

STAMP:

 Brian Sielski

BALDWINVILLE (LYSANDER) CSG SOLAR PROJECT
 60 ROAD
 LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
 194-1081-0016

SHEET TITLE:
 EROSION & SEDIMENT CONTROL PLAN

SHEET SIZE:
 ARCH "D"
 24" X 36" (610 x 914)

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NO.	REVISION	DATE	INIT.

DATE: 05/27/2022
DRAWN BY: AJF
ENGINEER: AJF
APPROVED BY:

PROJECT PHASE:
 30% ISSUED FOR PERMITTING

SCALE: AS SHOWN

SHEET NO.:
C-203

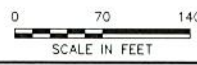
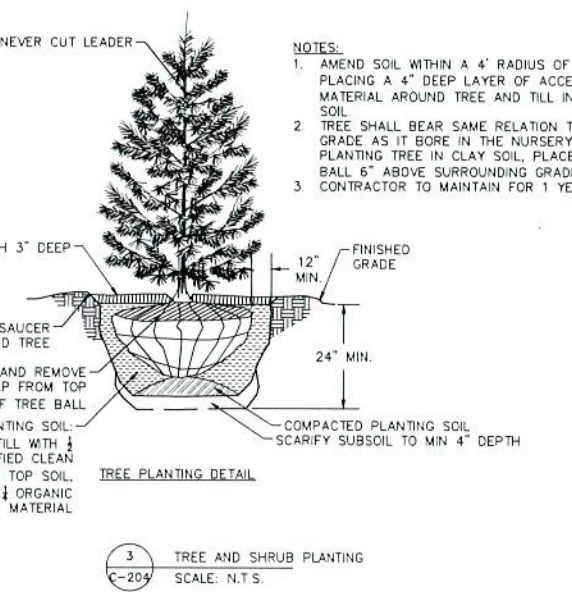
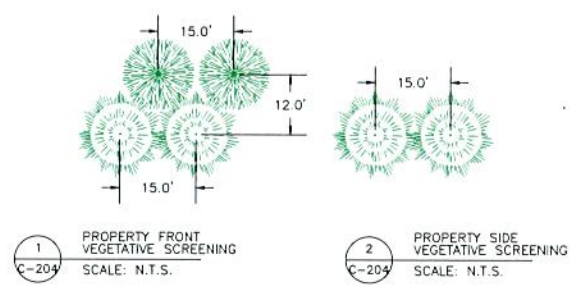
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LANDSCAPING KEY						
SYMBOL	COMMON AND BOTANICAL NAME	QUANTITY	HEIGHT (AT PLANTING)	HEIGHT (AT MATURITY)	WIDTH (AT MATURITY)	SPACING
	WHITE CEDAR (THUJA OCCIDENTALIS)	108	7'-8'	40'-50'	10'-15'	15' O.C.
	BLACK SPRUCE (PICEA MARIANA)	44	7'-8'	30'-50'	8'-12'	15' O.C.

LANDSCAPING PLANTING NOTES:

- REFER TO THE GRADING PLAN FOR GRADING INFORMATION. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS OR IF THERE ARE DISCREPANCIES BETWEEN THE PLANS, CONTACT THE ENGINEER FOR DIRECTION AS TO HOW TO PROCEED.
- VERIFY LOCATION OF PERTINENT SITE FEATURES. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT ENGINEER FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
- VERIFY PLANT COUNTS AND SQUARE FOOTAGES; QUANTITIES ARE PROVIDED AS OWNER INFORMATION ONLY.
- CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES FOR UTILITY LOCATION AND IDENTIFICATION.
- PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIALS WITHIN EACH SPECIES.
- ALIGN AND EQUALLY SPACE THE TREES IN ALL DIRECTIONS SO DESIGNATED PER THESE NOTES.
- REMOVE ENTIRE WIRE CAGE FROM ROOTBALL.
- CUT AND REMOVE BURLAP FROM TOP 1/3 OF BALL.
- RESEED AREA OF DISTURBANCE DUE TO CONSTRUCTION ACTIVITIES WITH A NORTHEAST WILDFLOWER SEED MIX OR REGIONAL EQUIVALENT.
- IF LISTED SPECIES CANNOT BE ACQUIRED OR AN INSUFFICIENT QUANTITY OR QUALITY IS AVAILABLE, CONSULT ENGINEER FOR APPROVED REPLACEMENTS.
- LOCATE AND AVOID EXISTING DRAINAGE TILES PRIOR TO PLANTING. DO NOT ALTER OR REMOVE DRAINAGE TILES.
- TREE HEIGHTS ARE TO BE MAINTAINED AT LESS THAN 20'. PRUNE/TOP ANY GROWTH GREATER THAN 20' IN HEIGHT.

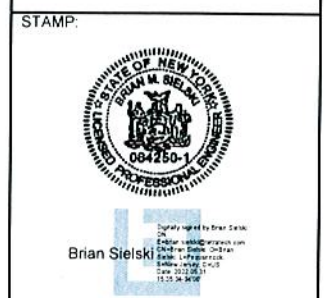


LEGEND	
	PROPERTY LINE
	LEASE AREA
	ADJACENT PROPERTY LINE
	ZONING SETBACKS
	EXISTING MAJOR CONTOUR (5 FT)
	EXISTING MINOR CONTOUR (1 FT)
	PROPOSED TREE LINE
	DELINEATED INTERMITTENT STREAM
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND WATER
	EXISTING UTILITY POLE
	EXISTING FIRE HYDRANT
	EXISTING FENCE LINE
	PROPOSED SECURITY FENCE
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED ELECTRICAL CONDUIT
	PROPOSED UTILITY POLE
	PERVIOUS ACCESS ROAD
	PROPOSED VEGETATIVE SCREENING
	SEEDING AREA

GENERAL NOTES:

- EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THE ASSOCIATES, PLLC DATED MARCH 25, 2022. THIS DATA IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NAD83)(2011) NEW YORK CENTRAL ZONE, US FOOT AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD88) GEOID 18, US. FOOT.
- TOPOGRAPHY SHOWN IS DERIVED FROM LIDAR DATA. THE ACCURACY OF THE TOPOGRAPHIC DATA MEETS OR EXCEEDS THE 10-CM VERTICAL ACCURACY CLASS AS DEFINED BY THE AMERICAN SOCIETY OF PHOTOGRAMMETRY AND REMOTE SENSING (ASPRS), WHICH IS SUITABLE FOR GENERATING CONTOURS AT ONE-FOOT INTERVALS.
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- APPLY SEED MIX TO ENTIRE SITE AREA FOR FINAL SEEDING INCLUDING ALL AREAS AFFECTED BY GRADING.

BALDWINVILLE PV I, LLC.
200 PORTLAND STREET, 5TH FLOOR
BOSTON, MA 02114



BALDWINVILLE
(LYSANDER) CSG
SOLAR PROJECT
60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
LANDSCAPING PLAN

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)

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NO.	REVISION	DATE	INIT.

DATE: 05/27/2022
DRAWN BY: AJF
ENGINEER: AJF
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

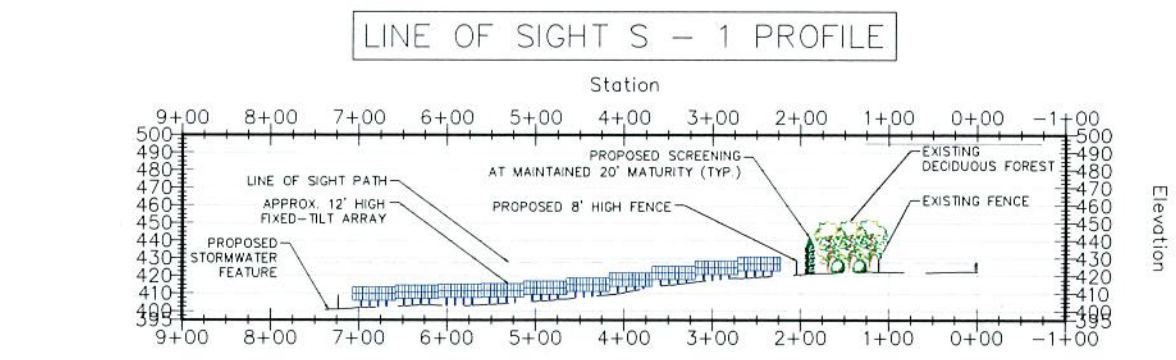
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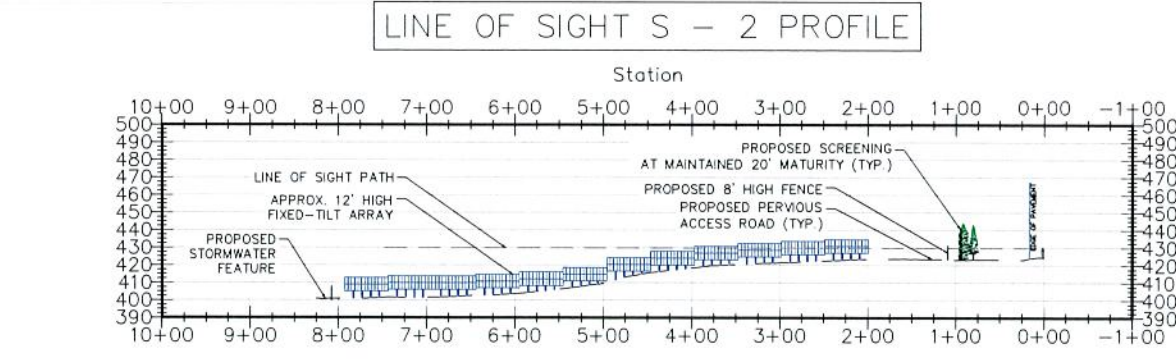
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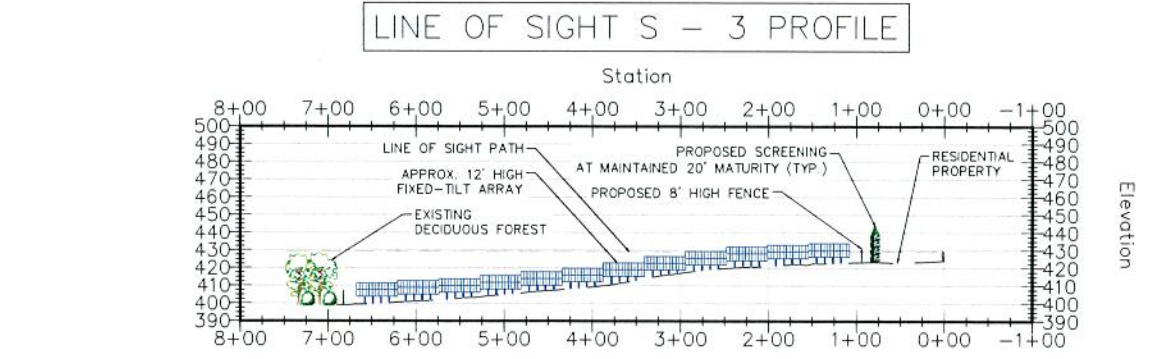
NOT FOR CONSTRUCTION



1 LINE OF SIGHT PATH 1 - PROFILE VIEW
 SCALE: HORIZONTAL: 1"=100'
 VERTICAL: 1"=50'



2 LINE OF SIGHT PATH 2 - PROFILE VIEW
 SCALE: HORIZONTAL: 1"=100'
 VERTICAL: 1"=50'



3 LINE OF SIGHT PATH 3 - PROFILE VIEW
 SCALE: HORIZONTAL: 1"=100'
 VERTICAL: 1"=50'

BALDWINVILLE PV I, LLC.
 200 PORTLAND STREET, 5TH FLOOR
 BOSTON, MA 02114



STAMP:



Brian Sielski
 13.12.18-2024

**BALDWINVILLE
 (LYSANDER) CSG
 SOLAR PROJECT**
 60 ROAD
 LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
 194-1081-0016

SHEET TITLE:
LINE OF SIGHT PLAN

SHEET SIZE:
 ARCH "D"
 24" X 36" (610 x 914)

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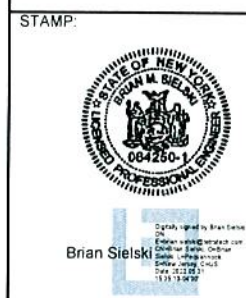
NO.	REVISION	DATE	INIT.

DATE: 05/27/2022
 DRAWN BY: AJF
 ENGINEER: AJF
 APPROVED BY:

PROJECT PHASE:
 30% ISSUED FOR PERMITTING

SCALE: AS SHOWN

SHEET NO.:
C-205



BALDWINVILLE
(LYSANDER) CSG
SOLAR PROJECT
60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
ACCESS ROAD DETAILS

SHEET SIZE:
ARCH "D"
24" X 36" (610 X 914)

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NO.	REVISION	DATE	INIT.

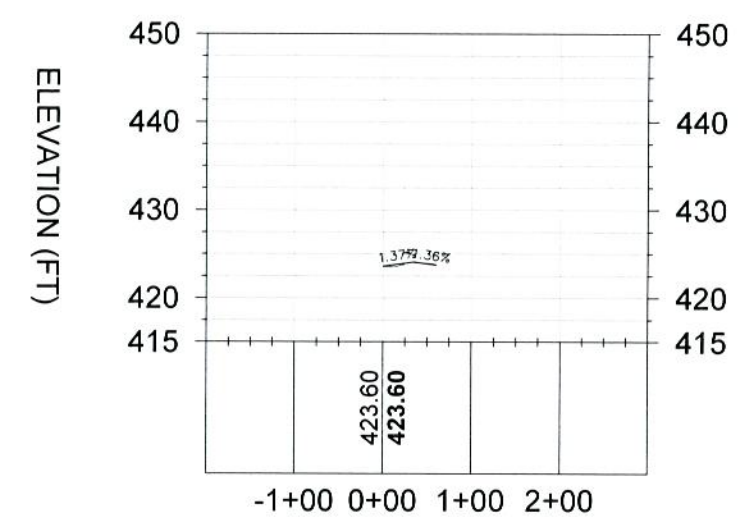
DATE: 05/27/2022
DRAWN BY: A.J.F.
ENGINEER: A.J.F.
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE: AS SHOWN

SHEET NO:
C-401

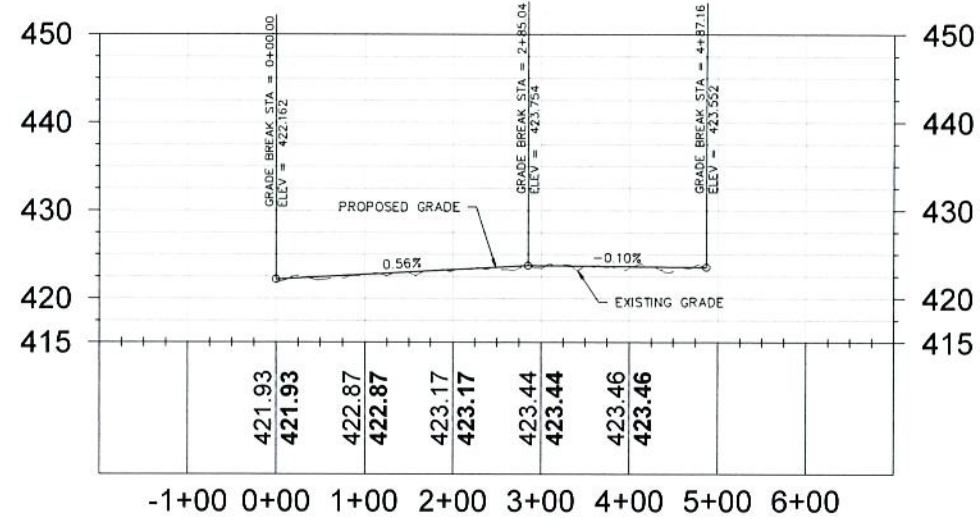
Access Road CL - C PROFILE



CENTERLINE-C OF ACCESS ROAD

PROFILE 3
SCALE: HORIZ: 1"=60'
VERT: 1"=10'

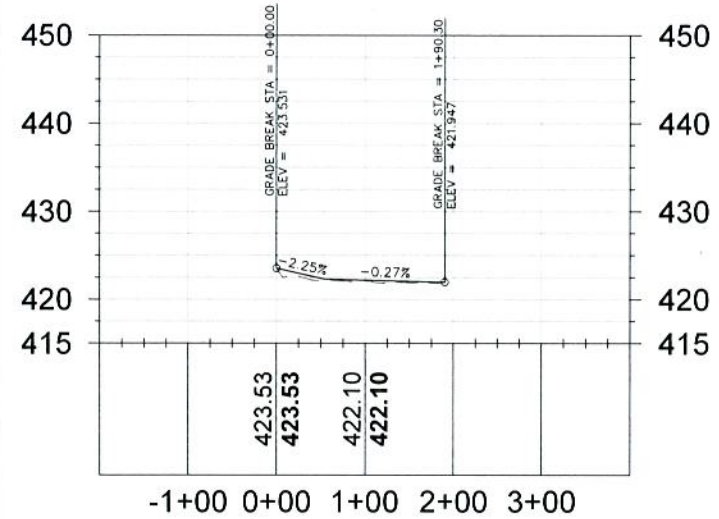
Access Road CL - B PROFILE



CENTERLINE-B OF ACCESS ROAD

PROFILE 2
SCALE: HORIZ: 1"=60'
VERT: 1"=10'

Access Road CL - A PROFILE



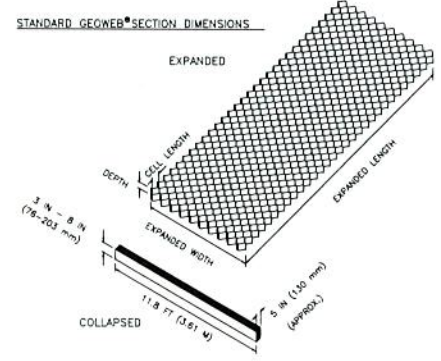
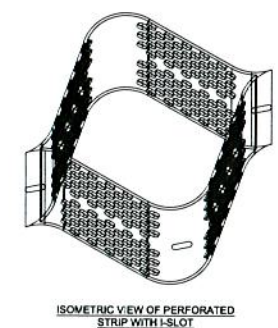
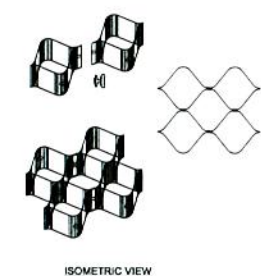
CENTERLINE-A OF ACCESS ROAD

PROFILE 1
SCALE: HORIZ: 1"=60'
VERT: 1"=10'

- GENERAL NOTES FOR LIMITED USE PERVIOUS ACCESS ROAD:
- LIMITED TO MINIMAL USE ONLY (I.E. MAINTENANCE AND EMERGENCY RESPONSE)
 - LIMITED TO LOW TRAFFIC LOW IMPACT MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE.
 - WHERE NECESSARY, GRADE ROADWAY TO DESIRED ELEVATION. MINOR GRADINGS FOR CROSS SLOPE MAY BE REQUIRED.
 - REMOVE REFUSE SOLS AS DIRECTED BY PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
 - SUBGRADE COMPACTION IS NOT REQUIRED.
 - CROSS SLOPE SHALL BE 2% IN MOST CASES AND SHOULD NOT EXCEED 6% THE LONGITUDINAL SLOPE OF THE ACCESS ROAD SHOULD NOT EXCEED 15%.
 - ROAD IS NOT INTENDED TO BE UTILIZED FOR CONSTRUCTION WHICH MAY SUBJECT THE ACCESS ROAD TO SEDIMENT TRACKING. ROAD IS TO BE DEVELOPED FOR POST-CONSTRUCTION USE ONLY. SOIL RESTORATION PRACTICES MAY BE APPLICABLE TO RESTORE CONSTRUCTION RELATED COMPACTION TO PRE-EXISTING CONDITIONS AND SHOULD BE VERIFIED BY SOIL PENETROMETER READINGS COMPARE PENETROMETER READINGS TO THE RESPECTIVE RECORDED READINGS TAKEN PRIOR TO CONSTRUCTION. EVERY 100 LINEAR FEET ALONG THE PROPOSED ROADWAY.
 - DO NOT USE CONSTRUCTION VEHICLES TRANSPORTING SOIL, FILL MATERIAL, ETC. ON ACCESS ROAD TO PREVENT SOIL FROM BEING TRACKED ONTO ACCESS ROAD IF THE LIMITED USE PERVIOUS ACCESS ROAD IS COMPLETED DURING THE INITIAL PHASES OF CONSTRUCTION. CONSTRUCT AND UTILIZE A STANDARD NEW YORK STATE STABILIZED CONSTRUCTION ACCESS TO REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES AND EQUIPMENT PRIOR TO ENTERING THE LIMITED USE PERVIOUS ACCESS ROAD FROM ANY LOCATION ON OR OFF SITE. MAINTAIN ACCESS ROAD IF SEDIMENT IS OBSERVED WITHIN THE CLEAN STONE.
 - DO NOT CONSTRUCT OR USE UNTIL ALL AREAS SUBJECT TO RUNOFF ONTO THE ACCESS ROAD HAVE ACHIEVED FINAL STABILIZATION.
 - UTILIZE WOVEN GEOTEXTILE MATERIAL IN AREAS OF POOR DRAINAGE, AS DETAILED IN THE FOLLOWING NOTES.
 - ESTABLISH A PERENNIAL VEGETATIVE COVER, CONSISTING OF UNIFORM VEGETATION 20 FEET WIDE AND PARALLEL TO THE DOWN GRADIENT SIDE OF THE ACCESS ROAD. POST-CONSTRUCTION OPERATION AND MAINTENANCE PRACTICES WILL MAINTAIN THIS VEGETATIVE COVER TO ENSURE FINAL STABILIZATION FOR THE LIFE OF THE ACCESS ROAD.
- GEOTEXTILE MATERIAL NOTES:
- THE MIRAPEX EHG11, OR COMPARABLE PRODUCT, IS INTENDED FOR USE FOR ALL CONDITIONS, IN ORDER TO ASSIST IN MATERIAL SEPARATION FROM NATIVE SOILS AND PRESERVE ACCESS LOADS.
 - GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-02. SIZE DESIGNATION 3-5 OF TABLE 7803-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE CONTACTED.
 - THE GEOTEXTILE SHALL BE MIRAPEX EHG11 - OR APPROVED EQUAL. GEOTEXTILE SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPED.
 - IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF 6".
 - REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYPING AND CONNECTIONS.
 - LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE MEETING NYSDOT ITEM 703-02 SPECIFICATIONS.

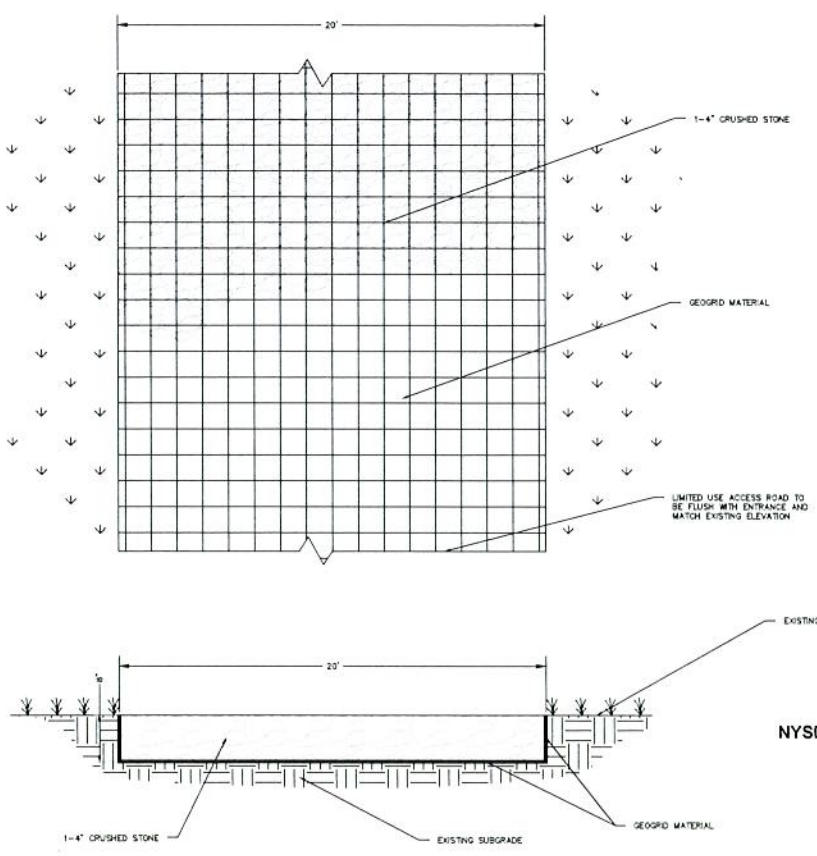
ATRA KEY CONNECTION DETAILS

- GEOWEB CONNECTION NOTES:
- THE TOP EDGES OF ADJACENT CELL WALLS SHALL BE FLUSH WHEN CONNECTING.
 - ALIGN THE I-SLOTS FOR INTERLEAF AND END TO END CONNECTIONS.
 - THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH INTERLEAF AND END TO END CONNECTION.



GEOWEB SYSTEM

DETAIL 5
SCALE: NTS



NYSDEC PERVIOUS ACCESS ROAD

DETAIL 4
SCALE: NTS

NOT FOR CONSTRUCTION



STAMP:



Brian Stelski
Professional Engineer
11/11/2008

**BALDWINVILLE
(LYSANDER) CSG
SOLAR PROJECT**

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
FENCE & GATE DETAILS

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)

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NO.	REVISION	DATE	INIT.

DATE: 05/27/2022
DRAWN BY: AJF
ENGINEER: AJF
APPROVED BY:

PROJECT PHASE:
30% ISSUED FOR PERMITTING

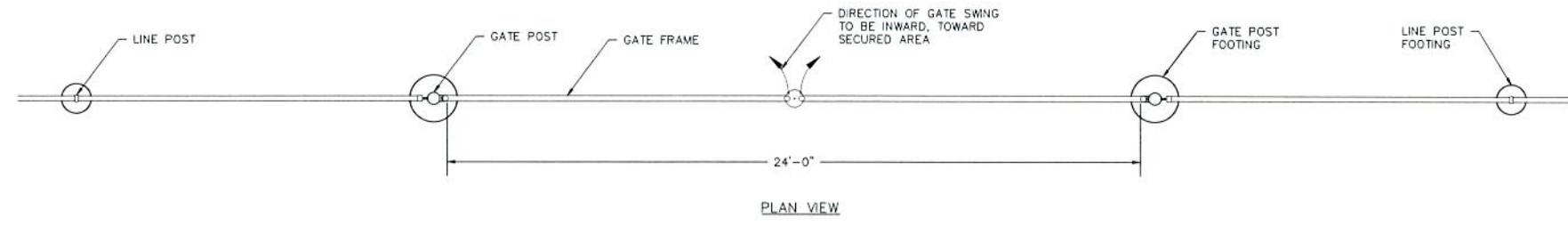
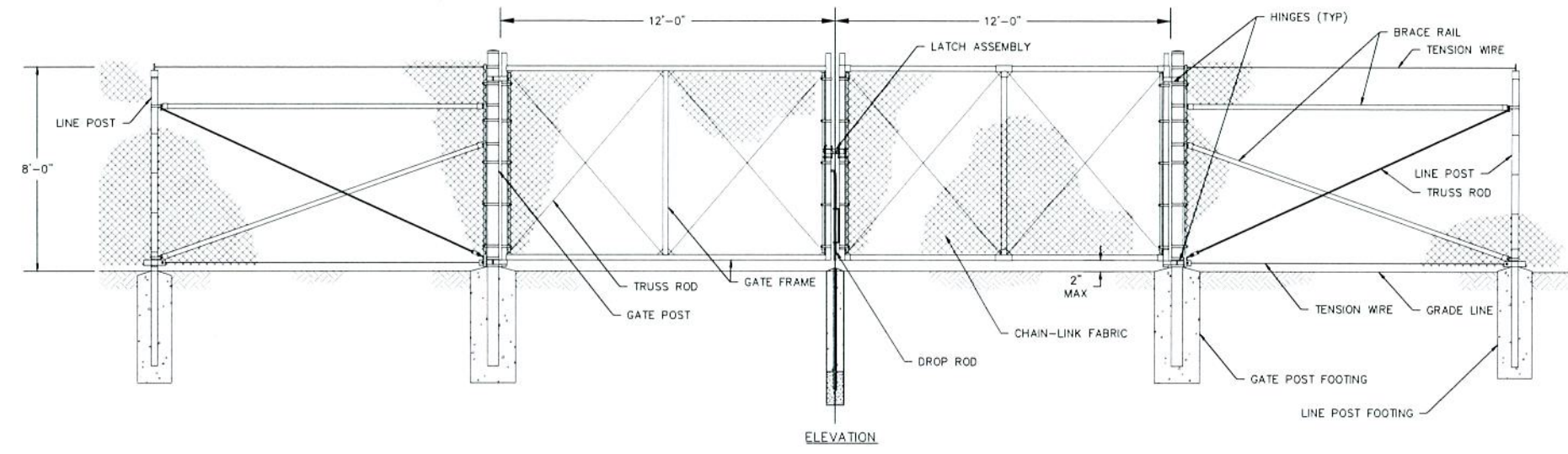
SCALE: N/A

SHEET NO.:
C-402

**NOT FOR
CONSTRUCTION**

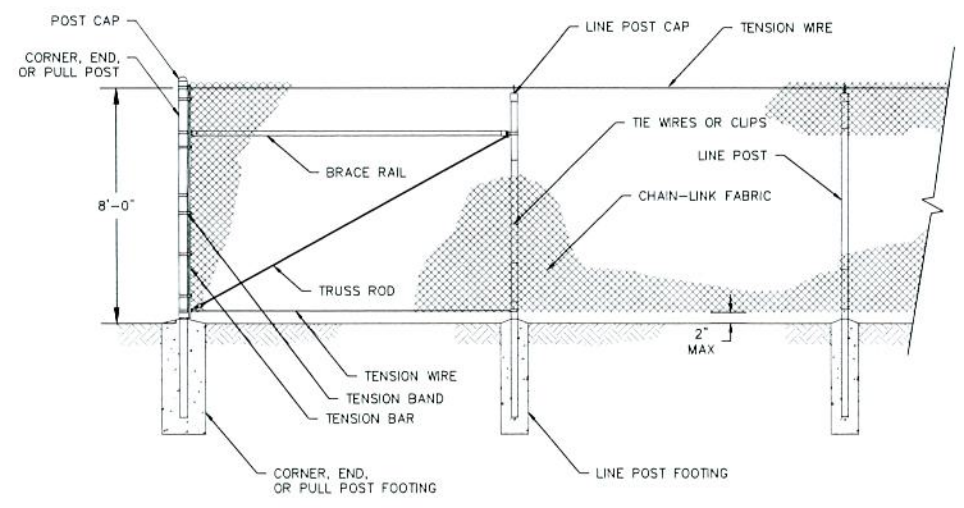
FENCE & GATE NOTES:

1. SIZE AND DIMENSIONS OF THE FENCE AND GATE COMPONENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE CHAIN-LINK FENCE MANUFACTURER SPECIFICATIONS UNLESS OTHERWISE NOTED ON THIS DRAWING.
2. GROUNDING AND BONDING OF THE SECURITY FENCE SYSTEM SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), AND ALL OTHER APPLICABLE STATE AND LOCAL CODE REQUIREMENTS.
3. DOUBLE SWING GATE TO OPEN INWARD, TOWARD SECURED AREA AS SHOWN ON THE SITE PLAN.
4. INSTALL WIRE TIES, RAILS, POSTS, AND BRACES ON THE SECURE SIDE OF THE FENCE ALIGNMENT. PLACE CHAIN-LINK FABRIC ON THE OPPOSITE SIDE OF THE SECURE AREA.
5. DESIGN AND INSTALL GATE, LINE, CORNER, END, AND PULL POST CONCRETE FOOTINGS, AS REQUIRED, PER ASTM F-567, APPLICABLE CODES, AND CHAIN-LINK FENCE MANUFACTURER SPECIFICATIONS.
6. TOP SELVAGES TO BE TWISTED, BOTTOM SELVAGES TO BE KNUCKLED.
7. SIGNAGE SHALL BE AS REQUIRED BY CODE WITH DETAILS INCLUDING FACILITY NAME, OWNER, AND CONTACT PHONE NUMBER. WARNING SIGNAGE TO BE PLACED AT BASE OF ALL PAD-MOUNTED TRANSFORMERS AND SUBSTATIONS.



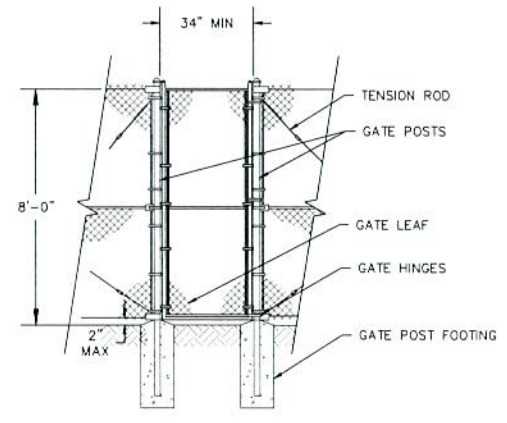
TYPICAL 24' DOUBLE SWING ACCESS GATE

DETAIL 1
SCALE: NTS
C-402



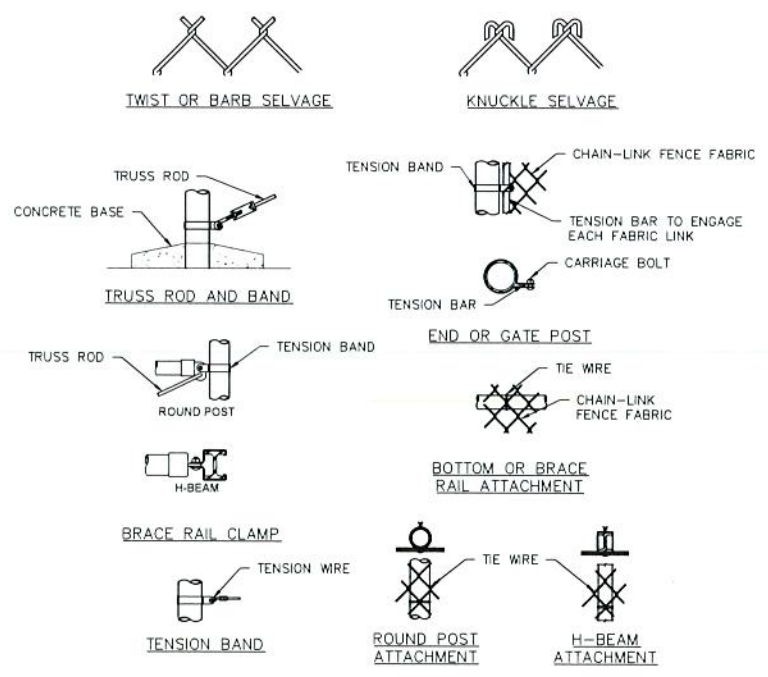
TYPICAL SECURITY PERIMETER FENCE

DETAIL 2
SCALE: NTS
C-402



TYPICAL EMERGENCY PEDESTRIAN GATE

DETAIL 3
SCALE: NTS
C-402



TYPICAL CHAIN LINK FENCE FASTENING

DETAILS 4
SCALE: NTS
C-402

