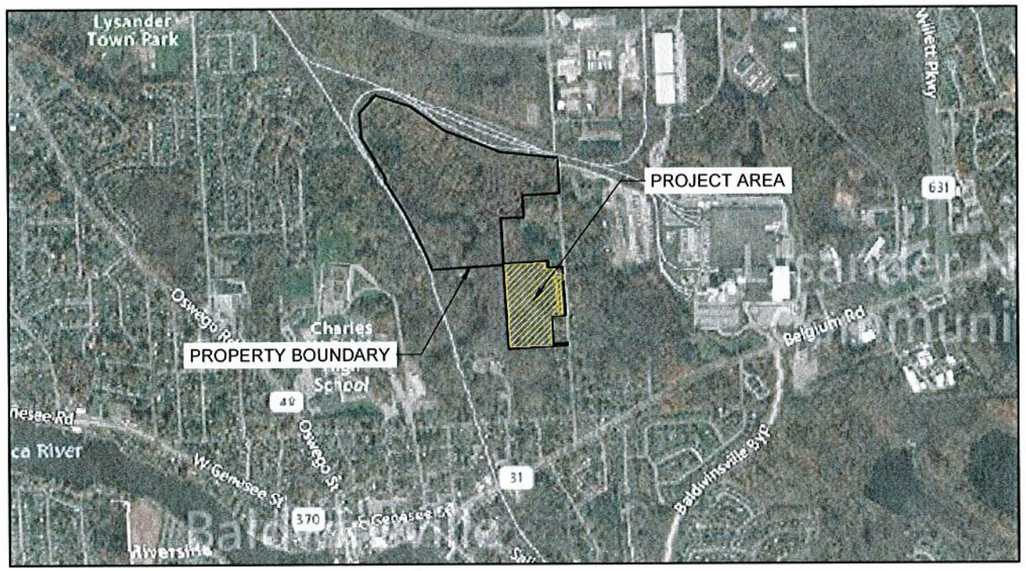
BALDWINSVILLE (LYSANDER) CSG SOLAR PROJECT

60 ROAD
LYSANDER, NY 13027

ISSUED FOR PERMITTING
30% CIVIL DESIGN SET



LOCATION MAP
SCALE 1"=1000'

PROJECT DEVELOPER	PROJECT SCOPE
BALDWINSVILLE PV I, LLC 200 PORTLAND STREET, 5TH FLOOR BOSTON, MA 02114	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.
CIVIL ENGINEER TETRA TECH ENGINEERING CORPORATION PC 3136 SOUTH WINTON RD, SUITE 303 ROCHESTER, NEW YORK 14624 (585) 417-4009	**APPLICABLE CODES & STANDARDS** • 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	REVISION NUMBER	REVISION DATE
C-001	TITLE SHEET	A	07/05/2022
C-002	NOTES	A	07/05/2022
C-101	EXISTING CONDITIONS	A	07/05/2022
CD-201	TREE CLEARING PLAN	A	07/05/2022
C-201	SITE PLAN	A	07/05/2022
C-202	GRADING PLAN	A	07/05/2022
C-203	EROSION & SEDIMENT CONTROL PLAN	A	07/05/2022
C-204	LANDSCAPING PLAN	A	07/05/2022
C-205	LINE OF SIGHT PLAN	A	07/05/2022
C-401	PERVIOUS ACCESS ROAD DETAILS	A	07/05/2022
C-402	FENCE & GATE DETAILS	A	07/05/2022
C-403	EROSION & SEDIMENT CONTROL DETAILS	A	07/05/2022

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	3,898 FT
SILT FENCE LENGTH	1,241 FT

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

DATE:	05/12/2022
DRAWN BY:	AJF
ENGINEER:	AJF
APPROVED BY:	

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-001

Printed: 7/5/2022 2:12 PM W:\Goldhead Development\11 - Baldrinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-001-CIVIL TITLE SHEET.dwg

GENERAL NOTES:

1. THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE, AND UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. SOME INFORMATION MAY HAVE BEEN DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. SUCH INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.
2. CONTACT DIG SAFELY NEW YORK AT (800) 962-7962 AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 2 WORKING DAYS BEFORE 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 CONTRACTOR'S EXPENSE.
3. DO NOT ERECT ANY IMPROVEMENTS, FENCES, PLANTINGS, ETC., WITHIN ANY PUBLIC RIGHT OF WAY.
4. PERFORM ALL WORK IN ACCORDANCE WITH SECTION 202-H OF THE PROPOSED NEW YORK STATE LABOR LAW (CODE RULE 57) KNOWN AS THE "HIGH-VOLTAGE PROXIMITY ACT".
5. BE RESPONSIBLE FOR ALL PERMITS AND APPROVALS FOR CONSTRUCTION ACTIVITIES THAT OCCUR OFF-SITE OR OCCUR WITHIN EXISTING EASEMENT OR RIGHT-OF-WAY AREAS.
6. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATION TO CONSTRUCTION DETAILS AND WORK QUANTITIES. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC., IN FIELD AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION OR SHOP DRAWINGS.
7. COORDINATE WORK OF ALL DISCIPLINES (SITE WORK, STRUCTURAL, ELECTRICAL, ETC.), EXISTING CONDITIONS, SPECIAL REQUIREMENTS, CONSTRUCTION SCHEDULE AND OTHER CONTRACTORS PERFORMING WORK AT THE SITE.
8. EXCAVATED MATERIAL MAY BE REUSED UPON APPROVAL BY THE OWNER'S REPRESENTATIVE.
9. OBSERVE ALL OSHA AND OTHER APPLICABLE SAFETY REQUIREMENTS INCLUDING THE USE OF SAFETY GLASSES, HARD HATS, AND PROTECTION OF AREA WHEN WORKING. BE RESPONSIBLE FOR CONSTRUCTION SAFETY AT ALL TIMES.
10. DESIGN AND PROVIDE ANY TEMPORARY SHORING, BRACING, ETC., AS NEEDED FOR THE WORK SO AS NOT TO ENDANGER OR DAMAGE ANY EXISTING STRUCTURAL COMPONENTS, EXISTING APPURTENANCES, OR INSTALLED STRUCTURES OR SYSTEMS.
11. BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, AND CARRY OUT THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
12. FOLLOW GUIDANCE AND RECOMMENDATIONS PROVIDED IN THE STORMWATER POLLUTION PREVENTION PLAN PREPARED BY TETRA TECH. BRING TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION IF CONFLICT OCCURS BETWEEN CONSTRUCTION DOCUMENTS.
13. PROVIDE APPROPRIATE FLAGGING AND/OR SIGNAGE DURING CONSTRUCTION AND LONG TERM MAINTENANCE PER NYSDOT REQUIREMENTS.
14. PRIOR TO THE START OF THE WORK, OBTAIN A GEOTECHNICAL REPORT AND FOLLOW GUIDANCE AND RECOMMENDATIONS AND COORDINATE WITH ENGINEER TO FINALIZE ACCESS ROAD AND DESIGN.

GENERAL DRAINAGE & GRADING NOTES:

1. DEWATER THE EXCAVATIONS AS REQUIRED TO MAINTAIN A STABILIZED SLOPE.
2. PROTECT AT ALL TIMES ALL EXISTING SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHERE ENCOUNTERED IN THE WORK, AND, WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, RELOCATE AS DIRECTED BY THE ENGINEER.
3. DO NOT PLACE FILL, EMBANKMENT, OR BACKFILL MATERIAL ON FROZEN GROUND, FROZEN MATERIALS, SNOW, OR ICE. SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT UNLESS APPROVED IN WRITING BY THE ENGINEER.
4. BE RESPONSIBLE FOR DAMAGE TO EXISTING FEATURES INTENDED TO REMAIN. REPAIR/REPLACE DAMAGE TO FEATURES TO REMAIN IN KIND.

PROJECT CONSTRUCTION SEQUENCING NOTES:

1. PRIOR TO COMMENCING ANY CLEARING, GRUBBING, EARTHWORK ACTIVITIES, ETC. AT THE SITE, FLAG THE WORK LIMITS AND INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (I.E., SILT FENCES, TREE PROTECTION/BARRIER FENCES, STABILIZED CONSTRUCTION ENTRANCES, STORM DRAIN SEDIMENT FILTERS, DRAINAGE DITCH SEDIMENT FILTERS, ETC.) TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
2. PRIOR TO COMMENCING CLEARING, GRUBBING AND/OR EARTHWORK ACTIVITIES IN ANY OTHER AREA OF THE SITE, INSTALL INLET AND OUTLET PROTECTION MEASURES (RIPRAP OVERFLOW WEIR(S), CULVERT INLET/OUTLET PROTECTION, ETC.) AND STABILIZE THE AREAS DISTURBED DURING THE CONSTRUCTION OF SEDIMENT CONTROL FEATURES.
3. INSTALL TEMPORARY DIVERSION MEASURES WITH ASSOCIATED STABILIZATION MEASURES (I.E., VEGETATIVE COVER, DRAINAGE DITCH SEDIMENT FILTERS, STORM DRAIN SEDIMENT FILTERS, ETC.) PRIOR TO CONSTRUCTION.
4. LOCATE TEMPORARY DIVERSION MEASURES IN A MANNER THAT WILL ASSURE THAT THE AREA TRIBUTARY TO EACH DIVERSION DOES NOT EXCEED FIVE (5) ACRES. INSPECT THESE TEMPORARY DIVERSION MEASURES DAILY AND REPAIR/STABILIZE AS NECESSARY TO MINIMIZE EROSION.
5. COMMENCE SITE CONSTRUCTION ACTIVITIES AS REQUIRED.
6. IMMEDIATELY FOLLOWING COMPLETION OR SUSPENSION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, ESTABLISH PERMANENT VEGETATION ON ALL EXPOSED SOILS.
7. RESTORE SOILS THAT HAVE BEEN DISTURBED AND COMPACTED DUE TO CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE PROJECT SWPPP (WHICH INCLUDES DE-COMPACTION, COMPOST ADDITION, AND TOPSOIL PLACEMENT).
8. UPON ESTABLISHMENT OF PERMANENT VEGETATIVE COVER ON ALL DISTURBED AREAS OF THE SITE, REMOVE THE CONSTRUCTION FABRIC FROM THE PRIMARY INLET OF THE OUTLET CONTROL STRUCTURE. PERFORM REMOVAL OF CONSTRUCTION FABRIC ONLY WHEN THE PRIMARY OUTLET IS NO LONGER SUBMERGED.
9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON THE AREAS DISTURBED DURING THEIR REMOVAL.

SEDIMENT & EROSION CONTROL NOTES:

1. CONDUCT SOIL DISTURBANCE IN SUCH A MANNER AS TO MINIMIZE EROSION. CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE TEMPORARY OR PERMANENT MEASURES FOR SOIL STABILIZATION.
2. CONSTRUCT SOIL EROSION AND SEDIMENT CONTROL FEATURES PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
4. STABILIZE AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3 HORIZONTAL: 1 VERTICAL WITH EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING.
5. STABILIZE CONSTRUCTION DITCHES WITH EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING.
6. LOCATE A STABILIZED CONSTRUCTION ENTRANCE AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, OR PARKING AREA. REMOVE SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, OR PARKING AREA BY SCRAPING OR STREET CLEANING, AND TRANSPORT TO A CONTROLLED SEDIMENT DISPOSAL AREA.
7. ERECT SILT FENCE AROUND TEMPORARY SOIL STOCKPILES.
8. DO NOT LOCATE SOIL STOCKPILES IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.
9. IF DEWATERING SERVICES ARE USED, PROTECT ADJOINING PROPERTIES AND DISCHARGE LOCATIONS FROM EROSION. ROUTE DISCHARGES THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE SUCH AS A SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE.
10. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE QUALIFIED INSPECTOR, ENGINEER, OR GOVERNING AGENCY.
11. INSPECT AND MAINTAIN ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL MEASURES AS NEEDED AND IN ACCORDANCE WITH THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY, PERMIT NO. GP-0-20-001 OR LATEST VERSION APPLICABLE, AND AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN.

VEGETATIVE COVER SPECIFICATIONS:

SITE PREPARATION:

1. INSTALL NEEDED WATER AND EROSION CONTROL MEASURES.
2. PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4 TO 6 INCHES.
3. WHERE GRADING HAS OCCURRED, BRING AREAS TO BE SEEDED TO DESIRED GRADES USING A MINIMUM OF 4 IN TOPSOIL.
4. LIME TO PH OF 6.5.
5. FERTILIZE AS PER SOIL TEST, OR, IF FERTILIZER MUST BE APPLIED BEFORE SOIL TEST RESULTS ARE RECEIVED, APPLY 850 LBS. OF 5-10-10 OR EQUIVALENT PER ACRE (20 LBS PER 1,000 SQ. FT.).
6. INCORPORATE LIME AND FERTILIZER IN TOP 2-4 INCHES OF TOPSOIL.
7. SMOOTH. REMOVE LARGE STONES, STICKS AND FOREIGN MATTER FROM THE SURFACE.

TEMPORARY VEGETATIVE COVER (DURING CONSTRUCTION):

1. SEED MIX:
   SPRING OR SUMMER OR EARLY FALL: SEED WITH ANNUAL OR PERENNIAL RYEGRASS AT A RATE OF 30 LBS. PER ACRE (APPROX. 1 LB /1,000 SQ. FT).

   LATE FALL OR EARLY WINTER, SEED WITH "AROOSTOOK" WINTER RYE (CEREAL RYE) AT A RATE OF 100 LBS PER ACRE (APPROX. 2.5 LBS/1,000 SQ. FT.)

PERMANENT VEGETATIVE COVER (AFTER CONSTRUCTION):

1. SEED MIXES:
   PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS. PROVIDE THE FOLLOWING MIXTURES:

   OPEN AREA AND SOLAR ARRAY SEED MIX
   AMOUNT BY:

WEIGHT	SPECIES OR VARIETY	LBS/1,000 SQ.FT.	LBS/ACRE
21%	SWITCHGRASS	.10	4
21%	BIG BLUESTEM	.10	4
11%	LITTLE BLUESTEM	.05	2
21%	INDIANGRASS	.10	4
11%	COASTAL PANICGRASS	.05	2
11%	SIDEOATS GRAMA	.05	2
4%	WILDFLOWER MIX	0.01	0.5
100%	TOTAL	0.46	18.5
OR			
100%	TALL FESCUE, TURF-TYPE, FINE LEAF	3.4-4.6	150-200

   SHADED AREA SEED MIX
   AMOUNT BY:

WEIGHT	SPECIES OR VARIETY	LBS/1,000 SQ.FT.	LBS/ACRE
50%	CREEPING RED FESCUE	0.5	20
50%	PERENNIAL RYEGRASS	0.5	20
100%	TOTAL	1.0	40

2. TIME OF SEEDING: OPTIMUM TIMING OF SEEDING IS EARLY SPRING. LATE JUNE THROUGH EARLY AUGUST IS NOT A GOOD TIME TO SEED, BUT MAY FACILITATE COVERING THE LAND WITHOUT ADDITIONAL DISTURBANCE IF CONSTRUCTION IS COMPLETE. PORTIONS OF THE SEEDING MAY FAIL DUE TO DROUGHT AND HEAT. RESEED THESE AREAS IN LATE SUMMER OR FALL OR THE FOLLOWING SPRING TO SATISFACTION OF OWNER AND ENGINEER.
3. UTILIZE A WARM SEASON GRASS SEEDER WHEN APPLYING THE OPEN AREA AND SOLAR ARRAY SEED MIX. SOME SEEDS PRESENT IN THE MIX ARE DIFFICULT TO PLANT DUE TO THEIR LIGHTWEIGHT, FLUFFY CHARACTERISTICS.

WINTER STABILIZATION:

1. APPLY WINTER STABILIZATION TO ALL CONSTRUCTION ACTIVITIES INVOLVED WITH ONGOING LAND DISTURBANCE AND EXPOSURE BETWEEN NOVEMBER 15TH TO THE FOLLOWING APRIL 1ST.
2. MAINTAIN AN AREA FOR ADEQUATE STORAGE FOR SNOW AND CONTROL OF MELT WATER. STORE CLEARED SNOW IN A MANNER NOT AFFECTING ONGOING CONSTRUCTION ACTIVITIES.
3. MAINTAIN A MINIMUM 25 FOOT BUFFER FROM ALL PERIMETER CONTROLS. MARK SILT FENCE WITH TALL STAKES THAT ARE VISIBLE ABOVE THE SNOW PACK.
4. EDGES OF DISTURBED AREAS THAT DRAIN TO A WATER BODY WITHIN 100 FEET MUST HAVE 2 ROWS OF SILT FENCE, INSTALLED 5 FEET APART ALONG THE CONTOUR.
5. KEEP DRAINAGE STRUCTURES OPEN AND FREE OF SNOW AND ICE DAMS. REMOVE ALL DEBRIS, ICE DAMS, OR DEBRIS FROM PLOWING OPERATIONS THAT RESTRICT THE FLOW OF RUNOFF AND MELTWATER.
6. INSTALL SOIL STABILIZATION MEASURES IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 3 DAYS. USE ROLLED EROSION CONTROL BLANKETS ON ALL SLOPES 3 HORIZONTAL TO 1 VERTICAL OR STEEPER.
7. STABILIZE AREAS OF DISTURBED SOIL AT THE END OF EACH DAY UNLESS WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECASTED OR THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF.
8. PLACE A MINIMUM OF 10 FOOT WIDE STONE PATH AROUND THE PERIMETER OF BUILDINGS UNDER CONSTRUCTION AND AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED.

EARTHWORK

SUBMITTALS:

- NAME OF MATERIAL SUPPLIERS
- MANUFACTURER'S CERTIFICATE: CERTIFY PRODUCTS MEET OR EXCEED SPECIFIED REQUIREMENTS

PRODUCTS:

SOIL MATERIALS: PROVIDE BORROW SOIL MATERIALS WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE FROM EXCAVATIONS. SATISFACTORY SOILS: ASTM D 2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP, AND SM, OR A COMBINATION OF THESE GROUP SYMBOLS; FREE OF ROCK OR GRAVEL LARGER THAN 3 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER. UNSATISFACTORY SOILS: ASTM D 2487 SOIL CLASSIFICATION GROUPS GC, SC, ML, MH, CL, CH, OL, OH, AND PT, OR A COMBINATION OF THESE GROUP SYMBOLS.

UNCLASSIFIED FILL: SATISFACTORY SOIL MATERIALS.

BACKFILL AND FILL: SATISFACTORY SOIL MATERIALS.

SUBBASE MATERIAL: PROVIDE SUBBASE IN CONFORMANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR SUBBASE AGGREGATE ITEM 304.12, TYPE 2 OR ITEM 304.14, TYPE 4 AS SPECIFIED ON THE DRAWINGS. REFER TO SECTIONS 304 AND 733-04.

NYSDOT LIGHT STONE FILLING: PROVIDE MATERIAL IN CONFORMANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR LIGHT STONE FILLING. REFER TO SECTION 733-21.

GEOGRID: TENSAR TX-130, OR PRODUCT EQUIVALENT.

GEOTEXTILE: MIRAFI HP 270, OR PRODUCT EQUIVALENT.

INSTALLATION:

PREPARATION: PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS.

EXCAVATE FOR STRUCTURES, PAVEMENTS, AND WALKS TO INDICATED ELEVATIONS AND DIMENSIONS. EXTEND EXCAVATIONS FOR PLACING AND REMOVING CONCRETE FORMWORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS. TRIM BOTTOMS TO REQUIRED LINES AND GRADES TO LEAVE SOLID BASE TO RECEIVE OTHER WORK.

EXCAVATE UTILITY TRENCHES TO INDICATED GRADIENTS, LINES, DEPTHS, AND INVERT ELEVATIONS OF UNIFORM WIDTHS TO PROVIDE A WORKING CLEARANCE ON EACH SIDE OF EXISTING PIPE OR CONDUIT. EXCAVATE TRENCH WALLS VERTICALLY FROM TRENCH BOTTOM TO 12 INCHES HIGHER THAN TOP OF EXISTING PIPE OR CONDUIT. EXCAVATE TRENCHES DEEPER THAN BOTTOM OF PIPE ELEVATION, 6 INCHES DEEPER IN ROCK, 4 INCHES DEEPER ELSEWHERE, TO ALLOW FOR BEDDING COURSE. HAND EXCAVATE FOR BELL OF EXISTING PIPE. TRENCH WALLS MUST BE SHORED OR SLOPED IN ACCORDANCE WITH OSHA REGULATIONS.

PROOF ROLL SUBGRADES, BEFORE FILLING OR PLACING AGGREGATE COURSES, WITH HEAVY PNEUMATIC-TIRED EQUIPMENT TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. DO NOT PROOF ROLL WET OR SATURATED SUBGRADES. ALL TOPSOIL AND/OR ORGANIC MATERIAL MUST BE REMOVED FROM AREAS TO RECEIVE FILL.

RECONSTRUCT SUBGRADES DAMAGED BY FREEZING TEMPERATURES, FROST, RAIN, ACCUMULATED WATER, OR CONSTRUCTION ACTIVITIES. BACKFILL AND FILL MUST NOT BE PLACED ON FROZEN MATERIAL.

FILL UNAUTHORIZED EXCAVATION UNDER FOUNDATIONS OR WALL FOOTINGS BY EXTENDING BOTTOM ELEVATION OF CONCRETE FOUNDATION OR FOOTING TO EXCAVATION BOTTOM, WITHOUT ALTERING TOP ELEVATION. LEAN CONCRETE FILL MAY BE USED WHEN APPROVED BY ENGINEER. FILL UNAUTHORIZED EXCAVATIONS UNDER OTHER CONSTRUCTION OR UTILITY PIPE AS DIRECTED BY ARCHITECT.

UTILITY TRENCH BACKFILL: PLACE, COMPACT, AND SHAPE BEDDING COURSE TO PROVIDE CONTINUOUS SUPPORT FOR PIPES AND CONDUITS OVER ROCK AND OTHER UNYIELDING BEARING SURFACES AND TO FILL UNAUTHORIZED EXCAVATIONS.

PLACE AND COMPACT INITIAL BACKFILL OF SATISFACTORY SOIL MATERIAL OR SUBBASE MATERIAL, FREE OF PARTICLES LARGER THAN 1.5 INCH, TO A HEIGHT OF 12 INCHES OVER THE UTILITY PIPE OR CONDUIT. PLACE AND COMPACT FINAL BACKFILL OF SATISFACTORY SOIL MATERIAL TO FINAL SUBGRADE.

FILL: PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED ELEVATIONS.

COMPACTION: PLACE BACKFILL, SUBBASE MATERIAL AND UNCLASSIFIED FILL MATERIALS IN LAYERS NOT MORE THAN 12 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4 INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS. COMPACT SOIL MUST NOT BE LESS THAN THE FOLLOWING PERCENTAGE OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 1557, OR AS SPECIFIED:

BACKFILL: EACH LAYER SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY.

STANDARD FILL: SCARIFY AND RECOMPACT THE TOP 12 INCHES OF EXISTING SUBGRADE AND EACH LAYER OF FILL MATERIAL AT 95% MAXIMUM DRY DENSITY.

UNCLASSIFIED FILL: SCARIFY AND RECOMPACT THE TOP 12 INCHES OF EXISTING SUBGRADE AND EACH LAYER OF FILL MATERIAL AT 90% MAXIMUM DRY DENSITY.

GRADING: UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTIONS, LINES, AND ELEVATIONS INDICATED. GRADE LAWNS, WALKS, AND UNPAVED SUBGRADES TO TOLERANCES OF PLUS OR MINUS 1 INCH AND PAVEMENTS AND AREAS WITHIN BUILDING LINES TO PLUS OR MINUS 1/2 INCH.

SUBBASE AND BASE COURSES: UNDER PAVEMENTS AND WALKS, PLACE SUBBASE COURSE ON PREPARED SUBGRADE. PLACE BASE COURSE MATERIAL OVER SUBBASE. COMPACT TO REQUIRED GRADES, LINES, CROSS SECTIONS, AND THICKNESS TO NOT LESS THAN 95 PERCENT OF MAXIMUM DRY UNIT WEIGHT ACCORDING TO ASTM D 698.

MULCHING

INSTALLATION

1. APPLY MULCH ON ALL SEEDING. MULCH WILL REDUCE EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION MUST BE IN COMPLIANCE WITH THIS MULCHING REQUIREMENT.
2. SPREAD STRAW OR HAY MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75% TO 95% OF THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO 1,000 SQUARE FOOT SECTIONS AND DISTRIBUTE AT LEAST 90 POUNDS WITHIN EACH SECTION.
3. ESTABLISH STRAW OR HAY MULCH IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. ENSURE APPLICATIONS ARE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH, IN VALLEYS, AND AT CRESTS OF BANKS. ENSURE AREA IS UNIFORM IN APPEARANCE.

PRODUCTS

1. APPLY WOOD FIBER MATERIAL WITH A HYDROMULCH AT 2000 POUNDS PER ACRE, OR IF DRILLING, UNROTTED SMALL GRAIN STRAW OR HAY FREE OF SEEDS, OR SALT HAY APPLIED AT THE RATE OF 2 TONS PER ACRE (90 TO 100 POUNDS PER 1,000 SQUARE FEET).

ACRONYMS/ABBREVIATIONS:

AC	ALTERNATING CURRENT
CMP	CORRUGATED METAL PIPE
DIA.	DIAMETER
FT	FOOT
IN.	INCH
INV	INVERT ELEVATION
N/F	NOW OR FORMALLY
N.T.S.	NOT TO SCALE
OHE	OVERHEAD ELECTRIC
PV	PHOTOVOLTAIC
RCP	REINFORCED CONCRETE PIPE
SQ FT	SQUARE FEET
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TAX	TAX MAP NUMBER
TYP.	TYPICAL
UGE	UNDERGROUND ELECTRIC

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

Digitally signed by Brian Sielski
DN: C=US, E=bsielski@tetratech.com, O=Tetra Tech, OU=Civil, CN=Brian Sielski
Date: 2022.05.27 12:21:04 -04'00'

BALDWINSVILLE (LYSANDER) CSG SOLAR PROJECT

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
NOTES

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

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

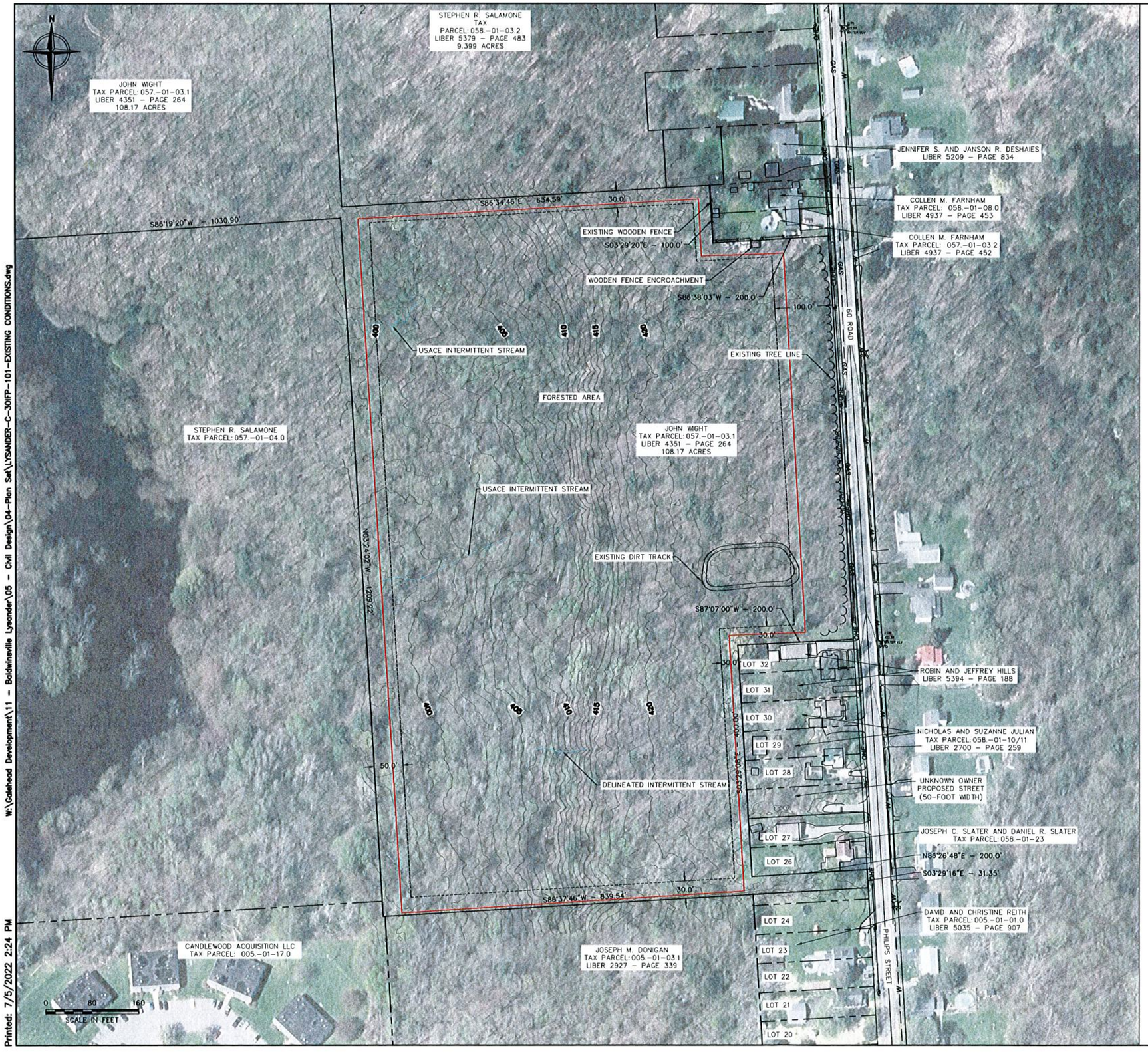
DATE:	05/27/2022
DRAWN BY:	AJF
ENGINEER:	AJF
APPROVED BY:	

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-002

Printed: 7/5/2022 2:21 PM
W:\Calahead Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-002-NOTES.dwg



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
- OHE — EXISTING OVERHEAD ELECTRIC
- GAS — EXISTING UNDERGROUND GAS
- W — EXISTING UNDERGROUND WATER
- EXISTING UTILITY POLE
- EXISTING FIRE HYDRANT
- EXISTING FENCE LINE

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THEW 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.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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.
6. THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THEW ASSOCIATES, LLC DATED MARCH 25, 2022.
7. 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).

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT
A	PERMITTING	07/05/2022	AGF

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

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-101

Printed: 7/5/2022 2:24 PM
W:\Gateheed Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-101-EXISTING CONDITIONS.dwg

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 THEW ASSOCIATES, PLLC DATED MARCH 25, 2022. THIS DATA IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NADB3)(2011) NEW YORK CENTRAL ZONE, US FOOT AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NADB8) GEOID 18, US. FOOT.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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.
6. THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THEW ASSOCIATES, LLC DATED MARCH 25, 2022.
7. 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).

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

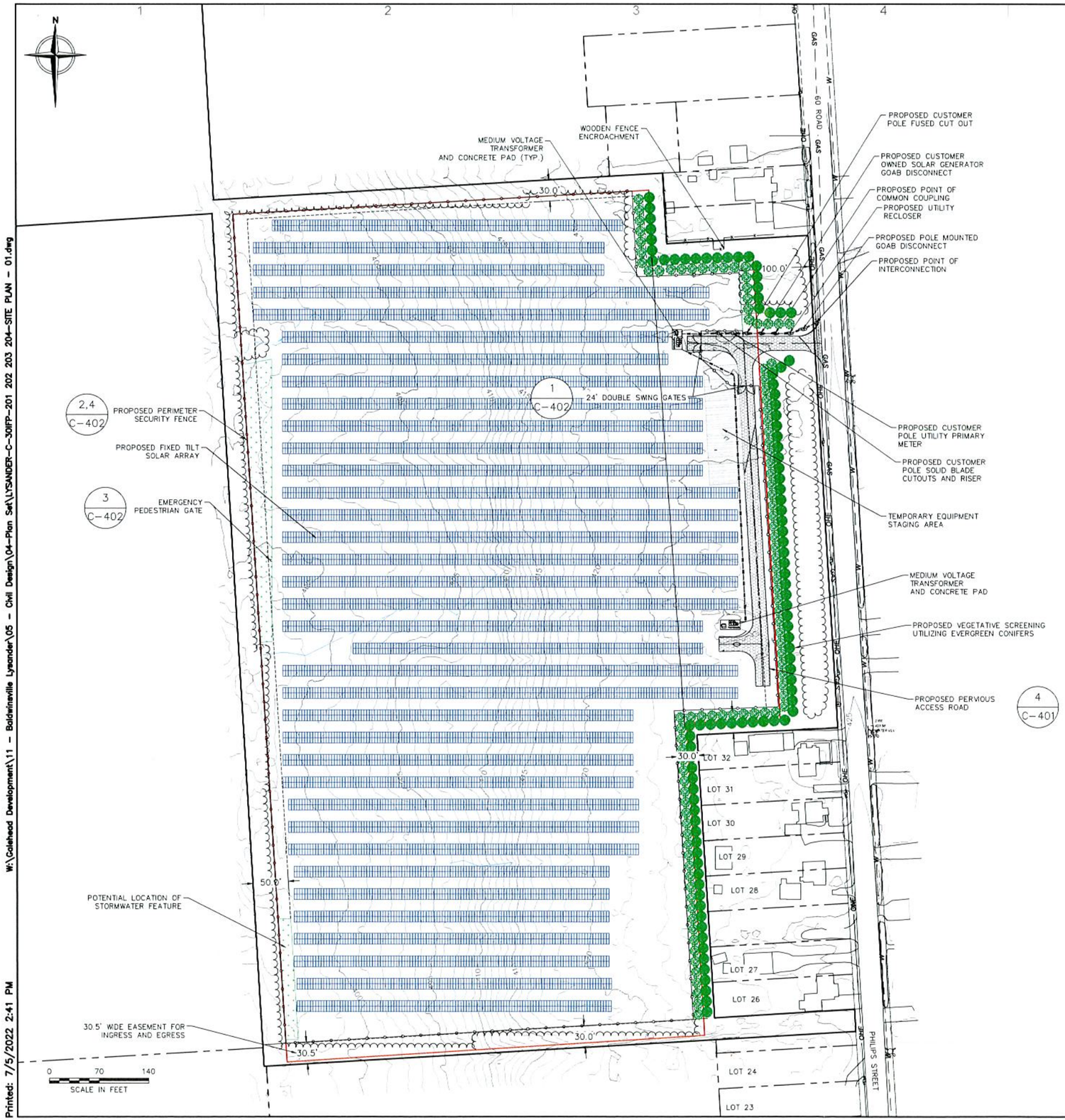
DATE:	1" = 70
DRAWN BY:	AJF
ENGINEER:	AJF
APPROVED BY:	

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
1" = 70'

SHEET NO.:
CD-201

Printed: 7/5/2022 2:27 PM W:\Gateheed Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-201 202 203 204-SITE PLAN - 01.dwg



LEGEND

- PROPERTY LINE
- LEASE AREA
- ADJACENT PROPERTY LINE
- ZONING SETBACKS
- 475 — EXISTING MAJOR CONTOUR (5 FT)
- EXISTING MINOR CONTOUR (1 FT)
- EXISTING EASEMENT
- PROPOSED TREE LINE
- DELINEATED INTERMITTENT STREAM
- BEGINNING 300 LINEAR FEET STREAM
- 10 FT STREAM BUFFER
- OHE — EXISTING OVERHEAD ELECTRIC
- 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
- TEMPORARY EQUIPMENT STAGING AREA

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THEW 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.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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. 36067C0662F IN ONONDAGA COUNTY, NEW YORK.
6. 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).
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 MAY BE USED DURING CONSTRUCTION. HOWEVER, ACCESS ROAD DESIGN IS NOT INTENDED FOR CONSTRUCTION TRAFFIC/EQUIPMENT. (ENSURE SOIL RESTORATION AS DETAILED IN PERVIOUS ACCESS ROAD DESIGN AND NOTES IF USED DURING CONSTRUCTION.)
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

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

TETRA TECH

STAMP:

BRIAN W. SIELSKI — 084250-1 — LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

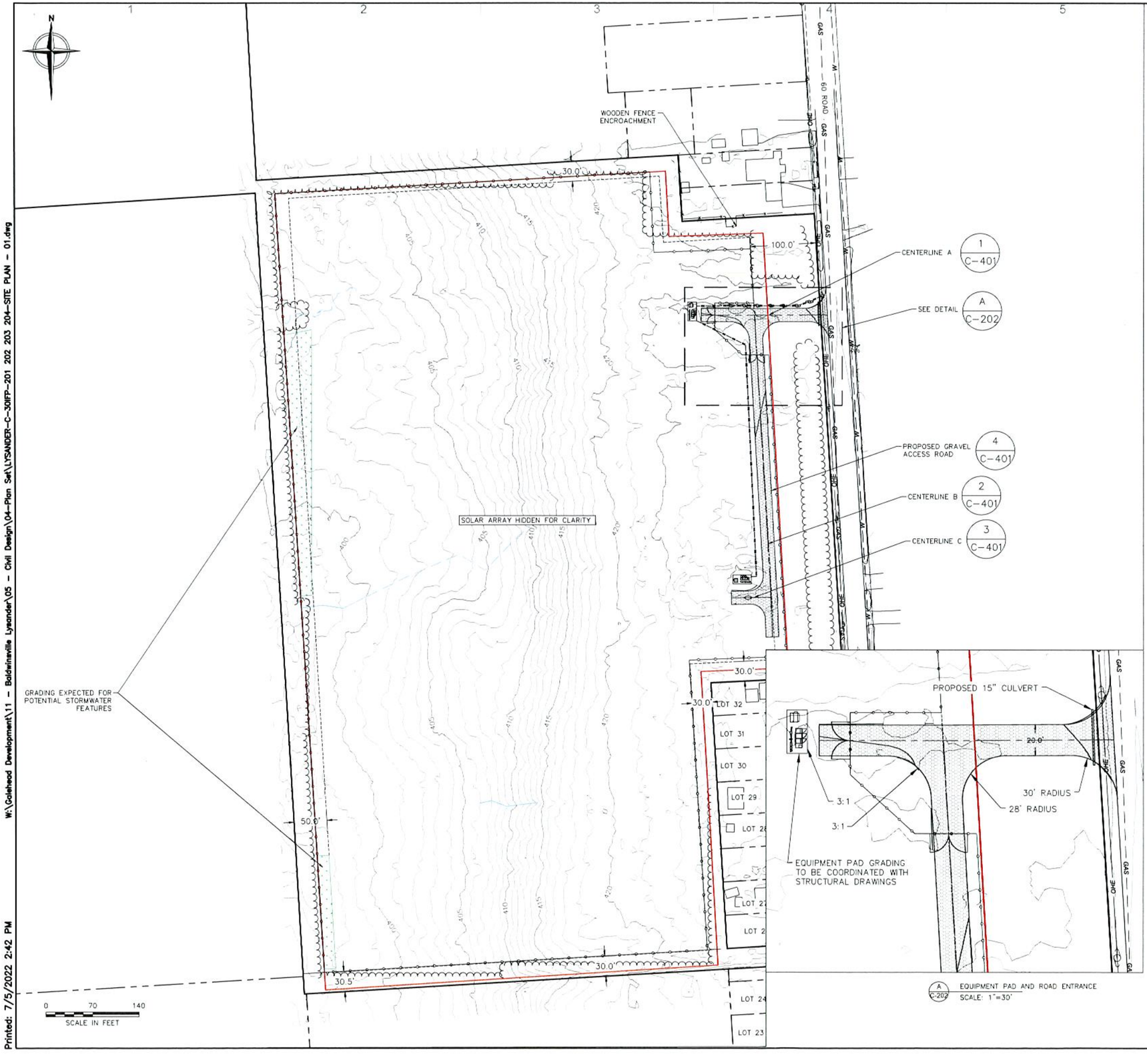
DATE:	05/27/2022
DRAWN BY:	AJF
ENGINEER:	AJF
APPROVED BY:	

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
1" = 70'

SHEET NO.:
C-201

Printed: 7/5/2022 2:41 PM
W:\Colehead Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-201 202 203 204-SITE PLAN - 01.dwg



LEGEND

- PROPERTY LINE
- LEASE AREA
- 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
- 10 FT STREAM BUFFER
- OHE — EXISTING OVERHEAD ELECTRIC
- 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
- 815 — PROPOSED CONTOUR (MAJOR)
- PROPOSED CONTOUR (MINOR)
- PROPOSED CULVERT
- POTENTIAL LOCATION OF STORMWATER FEATURE (GRADING EXPECTED)

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THEW 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.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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.
6. THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THEW ASSOCIATES, LLC DATED MARCH 25, 2022.
7. 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).
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. PROVIDE POSITIVE DRAINAGE AWAY FROM EQUIPMENT PADS, NO MORE THAN 1%.
10. DEWATER EXCAVATIONS AS NECESSARY TO MAINTAIN A STABILIZED SLOPE ACCORDING TO DETAIL 4 ON SHEET C-403.

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:
STATE OF NEW YORK
BRIAN M. SIELSKI
084250-1
LICENSED PROFESSIONAL ENGINEER

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

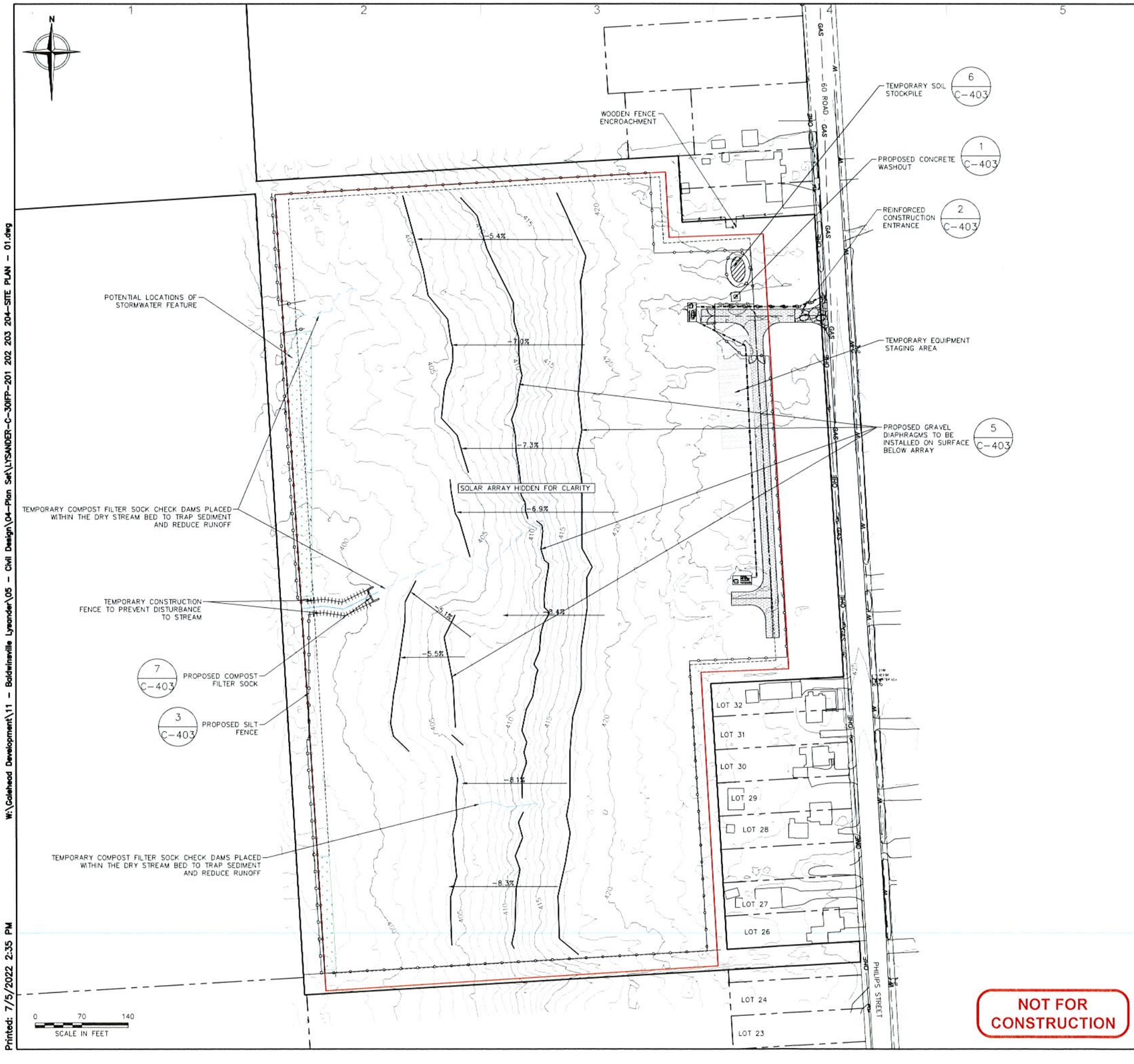
DATE:	05/27/2022
DRAWN BY:	AJF
ENGINEER:	AJF
APPROVED BY:	

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-202

Printed: 7/5/2022 2:42 PM W:\Goldhead Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-201 202 203 204-SITE PLAN - 01.dwg



NOT FOR CONSTRUCTION

LEGEND

- PROPERTY LINE
- LEASE AREA
- 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
- 10 FT STREAM BUFFER
- OHE — EXISTING OVERHEAD ELECTRIC
- 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 SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SOIL STOCKPILE
- GRAVEL DIAPHRAGM
- POTENTIAL LOCATION OF STORMWATER FEATURE
- TEMPORARY EQUIPMENT STAGING AREA
- TEMPORARY CONSTRUCTION FENCE
- LIMITS OF DISTURBANCE

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THEW 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.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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.
6. THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THEW ASSOCIATES, LLC DATED MARCH 25, 2022.
7. 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).
8. TEMPORARY STAGING AREA TO BE RESTORED TO ORIGINAL CONDITION PRIOR TO COMPLETION.
9. LOCATIONS OF SILT FENCE AND FILTER SOCK ARE TO BE ADJUSTED TO ENSURE SEDIMENT RUNOFF INTERCEPTION.
10. STABILIZE ALL AREAS OF EXCAVATION WITH SEED AND MULCH. USE ANCHORED EROSION CONTROL MATS ON SLOPES GREATER THAN 4%. HYDROSEEDING WITH A TACKIFIER MAY BE NECESSARY ALONG PANEL DRIP EDGE.
11. 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.

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

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

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
1" = 70'

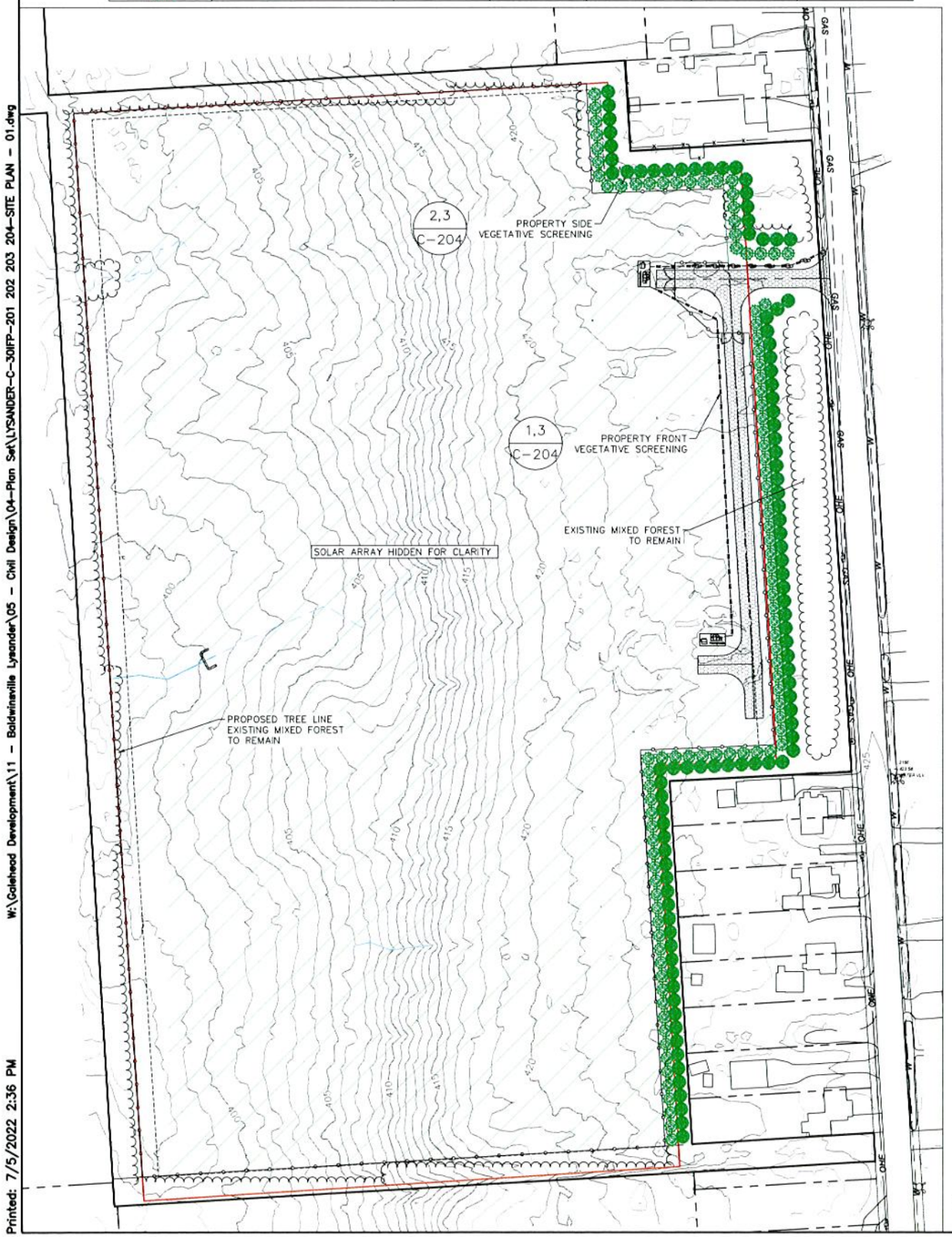
SHEET NO.:
C-203

Printed: 7/5/2022 2:35 PM
W:\Gateway Development\11 - Baldwinsville Lysander\05 - Civil Design\04-Plan Set\LYSANDER-C-30IFP-201 202 203 204-SITE PLAN - 01.dwg

N

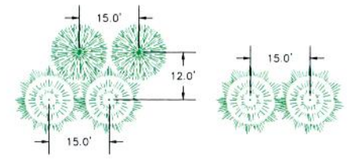
LANDSCAPING KEY

SYMBOL	COMMON AND BOTANICAL NAME	QUANTITY	HEIGHT (AT PLANTING)	HEIGHT (AT MATURITY)	WIDTH (AT MATURITY)	SPACING
	WHITE CEDAR (THUJA OCCIDENTALIS)	98	7'–8'	40'–50'	10'–15'	15' O.C.
	BLACK SPRUCE (PICEA MARIANA)	96	7'–8'	30'–50'	8'–12'	15' O.C.



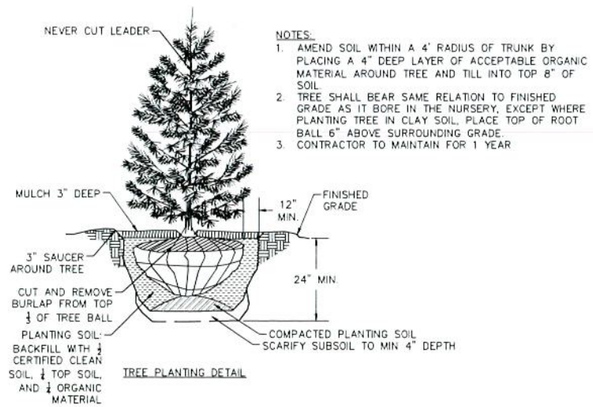
LANDSCAPING PLANTING NOTES:

1. 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.
2. 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.
3. VERIFY PLANT COUNTS AND SQUARE FOOTAGES: QUANTITIES ARE PROVIDED AS OWNER INFORMATION ONLY.
4. CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES FOR UTILITY LOCATION AND IDENTIFICATION.
5. 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.
6. PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIALS WITHIN EACH SPECIES.
7. ALIGN AND EQUALLY SPACE THE TREES IN ALL DIRECTIONS SO DESIGNATED PER THESE NOTES.
8. REMOVE ENTIRE WIRE CAGE FROM ROOTBALL.
9. CUT AND REMOVE BURLAP FROM TOP ⅓ OF BALL.
10. RESEED AREA OF DISTURBANCE DUE TO CONSTRUCTION ACTIVITIES WITH A NORTHEAST WILDFLOWER SEED MIX OR REGIONAL EQUIVALENT.
11. IF LISTED SPECIES CANNOT BE ACQUIRED OR AN INSUFFICIENT QUANTITY OR QUALITY IS AVAILABLE, CONSULT ENGINEER FOR APPROVED REPLACEMENTS.
12. LOCATE AND AVOID EXISTING DRAINAGE TILES PRIOR TO PLANTING. DO NOT ALTER OR REMOVE DRAINAGE TILES.
13. TREE HEIGHTS ARE TO BE MAINTAINED AT LESS THAN 20'. PRUNE/TOP ANY GROWTH GREATER THAN 20' IN HEIGHT.



1 C–204 PROPERTY FRONT VEGETATIVE SCREENING
SCALE: N.T.S.

2 C–204 PROPERTY SIDE VEGETATIVE SCREENING
SCALE: N.T.S.



NOTES:
1. AMEND SOIL WITHIN A 4' RADIUS OF TRUNK BY PLACING A 4" DEEP LAYER OF ACCEPTABLE ORGANIC MATERIAL AROUND TREE AND TILL INTO TOP 8" OF SOIL.
2. TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE IN THE NURSERY, EXCEPT WHERE PLANTING TREE IN CLAY SOIL, PLACE TOP OF ROOT BALL 6" ABOVE SURROUNDING GRADE.
3. CONTRACTOR TO MAINTAIN FOR 1 YEAR

TREE PLANTING DETAIL

3 C–204 TREE AND SHRUB PLANTING
SCALE: N.T.S.

0 70 140
SCALE IN FEET

LEGEND

- PROPERTY LINE
- LEASE AREA
- ADJACENT PROPERTY LINE
- ZONING SETBACKS
- 475 EXISTING MAJOR CONTOUR (5 FT)
- EXISTING MINOR CONTOUR (1 FT)
- PROPOSED TREE LINE
- DELINEATED INTERMITTENT STREAM
- OHE EXISTING OVERHEAD ELECTRIC
- 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
- SEEDING AREA

GENERAL NOTES:

1. EXISTING CONDITIONS INFORMATION OBTAINED FROM SURVEY BY THEW 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.
2. 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.
3. THE SUBSURFACE UTILITIES SHOWN ARE BASED ON PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY AND EXISTING UTILITY DRAWINGS. THE SURVEYOR DOES NOT WARRANT OR CERTIFY THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION INDICATED BUT ARE DISPLAYS AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.
4. 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.
5. 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.
6. THE EXISTING TREE LINE WAS PROVIDED BY THE SURVEY CONDUCTED BY THEW ASSOCIATES, LLC DATED MARCH 25, 2022.
7. 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).
8. APPLY SEED MIX TO ENTIRE SITE AREA FOR FINAL SEEDING INCLUDING ALL AREAS AFFECTED BY GRADING.

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

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

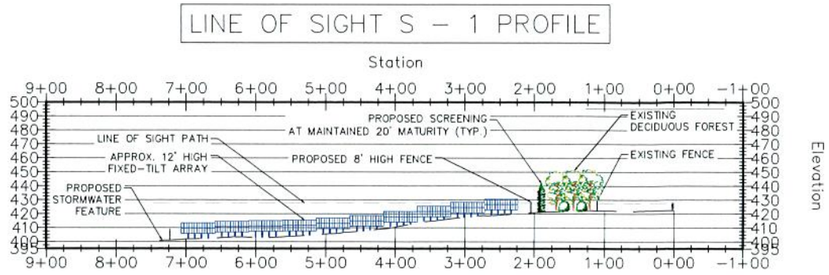
PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

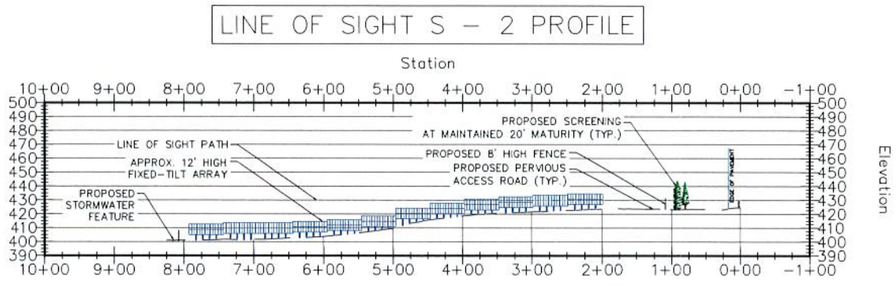
SHEET NO.:
C-204

Printed: 7/5/2022 2:36 PM W:\Gateheed Development\11 – Baldwinsville Lysander\05 – Civil Design\04–Plan Set\LYSANDER–C–30IFP–201 202 203 204–SITE PLAN – 01.dwg

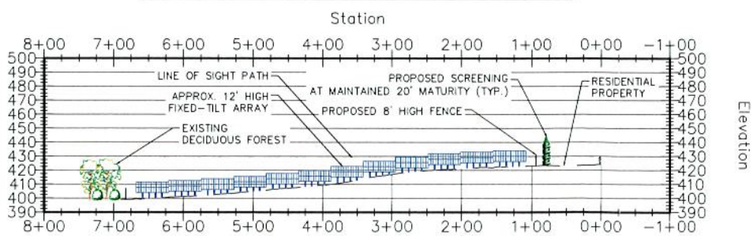
NOT FOR CONSTRUCTION



1 C-205 LINE OF SIGHT PATH 1 – PROFILE VIEW
SCALE: HORIZONTAL: 1"=100'
VERTICAL: 1"=50'



2 C-205 LINE OF SIGHT PATH 2 – PROFILE VIEW
SCALE: HORIZONTAL: 1"=100'
VERTICAL: 1"=50'



3 C-205 LINE OF SIGHT PATH 3 – PROFILE VIEW
SCALE: HORIZONTAL: 1"=100'
VERTICAL: 1"=50'

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

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

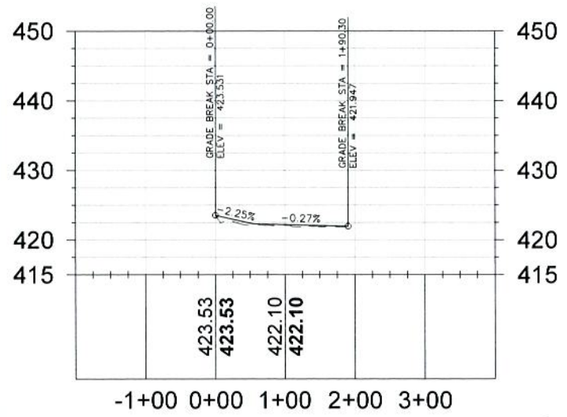
PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-205

Printed: 7/5/2022 2:37 PM
W:\Gateway Development\11 – Baldwinsville Lysander\05 – Civil Design\04–Plan Set\LYSANDER–C–30IFP–201 202 203 204–SITE PLAN – 01.dwg

Access Road CL - A PROFILE

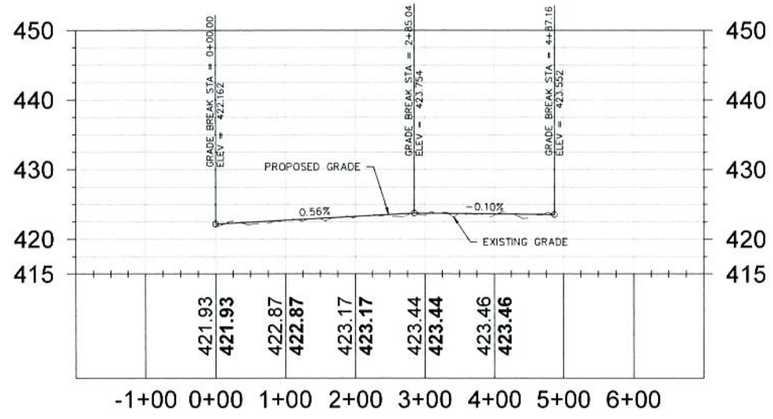


CENTERLINE-A OF ACCESS ROAD

PROFILE (1 / C-401)

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

Access Road CL - B PROFILE

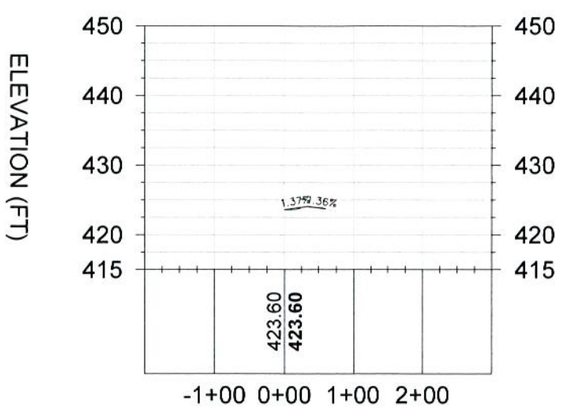


CENTERLINE-B OF ACCESS ROAD

PROFILE (2 / C-401)

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

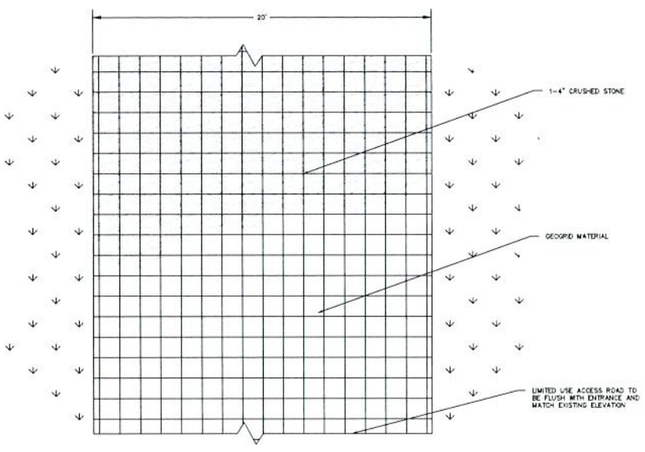
Access Road CL - C PROFILE



CENTERLINE-C OF ACCESS ROAD

PROFILE (3 / C-401)

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

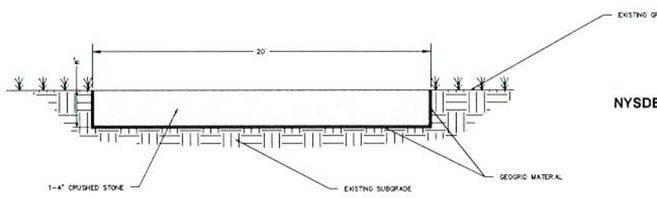


GENERAL NOTES FOR LIMITED USE PERVIOUS ACCESS ROAD:

1. LIMITED TO MINIMAL USE ONLY (I.E., MAINTENANCE AND EMERGENCY RESPONSE.)
2. LIMITED TO LOW TRAFFIC LOW IMPACT MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE
3. WHERE NECESSARY, GRADE ROADWAY TO DESIRED ELEVATION. MINOR GRADING FOR CROSS SLOPE MAY BE REQUIRED.
4. REMOVE REFUSE SOILS AS DIRECTED BY PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
5. SUBGRADE COMPACTION IS NOT REQUIRED.
6. CROSS SLOPE SHALL BE 2% IN MOST CASES AND SHOULD NOT EXCEED 6%. THE LONGITUDINAL SLOPE OF THE ACCESS ROAD SHOULD NOT EXCEED 15%.
7. 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.
8. 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.
9. DO NOT CONSTRUCT OR USE UNTIL ALL AREAS SUBJECT TO RUNOFF ONTO THE ACCESS ROAD HAVE ACHIEVED FINAL STABILIZATION.
10. UTILIZE WOVEN GEOTEXTILE MATERIAL IN AREAS OF POOR DRAINAGE, AS DETAILED IN THE FOLLOWING NOTES.
11. 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.

GEOGRID MATERIAL NOTES:

1. THE MIRAFI BX$11, OR COMPARABLE PRODUCT, IS INTENDED FOR USE FOR ALL CONDITIONS, IN ORDER TO ASSIST IN MATERIAL SEPARATION FROM NATIVE SOILS AND PRESERVE ACCESS LOADS.
2. 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 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.
3. THE GEOGRID SHALL BE MIRAFI BX$11- OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
4. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF 6".
5. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND CONNECTIONS.
6. LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE MEETING NYSDOT ITEM 703-02 SPECIFICATIONS.



NYSDEC PERVIOUS ACCESS ROAD

DETAIL (4 / C-401)

SCALE: NTS

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (LYSANDER) CSG SOLAR PROJECT

60 ROAD
LYSANDER, NEW YORK 13027

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
PERVIOUS ACCESS ROAD DETAILS

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)
0 1/2" 1"

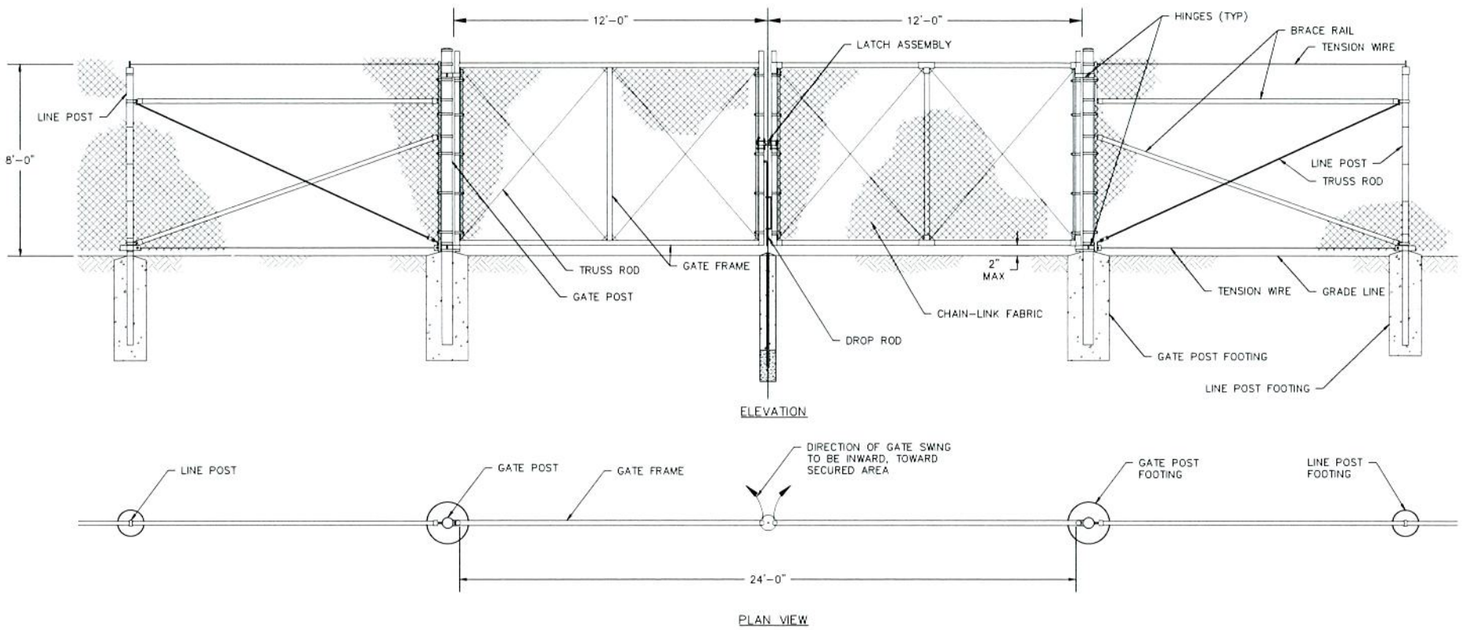
NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

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

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
AS SHOWN

SHEET NO.:
C-401



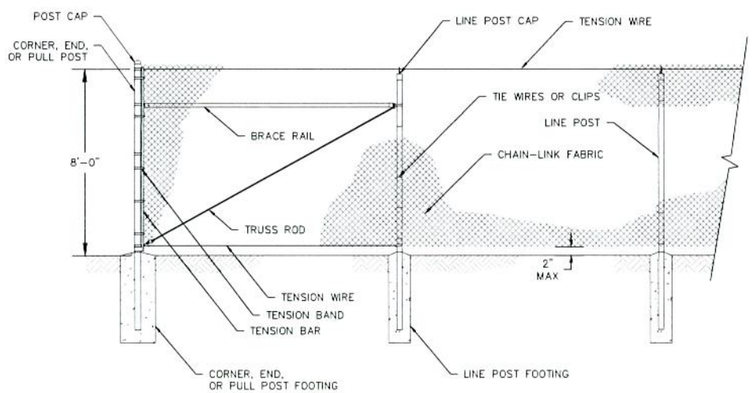
TYPICAL 24' DOUBLE SWING ACCESS GATE

DETAIL 1 / C-402

SCALE: NTS

FENCE & GATE NOTES:

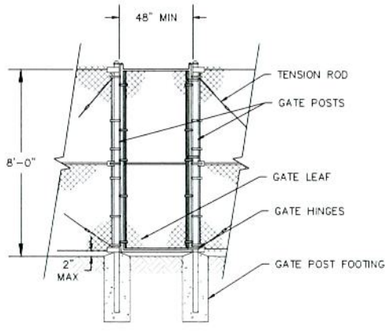
1. SIZE AND DIMENSIONS OF THE FENCE AND GATE COMPONENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE CHAIN-LINK FENCE MANUFACTURER SPECIFICATIONS UNLESS OTHERWISE NOTED ON THIS DRAWING.
2. GROUNDING AND BONDING OF THE SECURITY FENCE SYSTEM SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), 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 SECURITY PERIMETER FENCE

DETAIL 2 / C-402

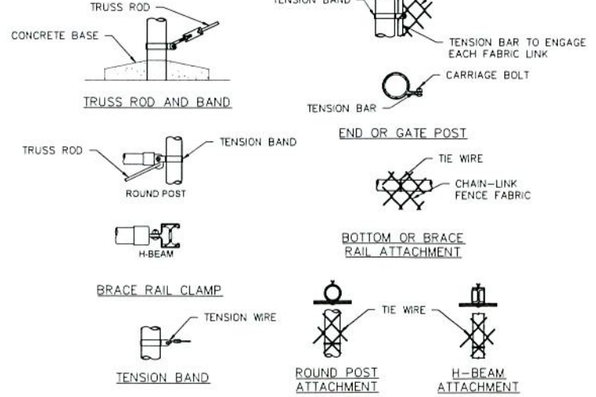
SCALE: NTS



TYPICAL EMERGENCY PEDESTRIAN GATE

DETAIL 3 / C-402

SCALE: NTS



TYPICAL CHAIN LINK FENCE FASTENING

DETAILS 4 / C-402

SCALE: NTS

NOT FOR CONSTRUCTION

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

TETRA TECH

STAMP:

Brian Sielski

BALDWINSVILLE (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)

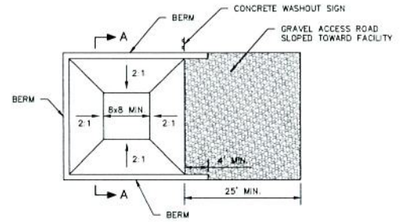
NO.	REVISION	DATE	INIT
A	PERMITTING	07/05/2022	AGF

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

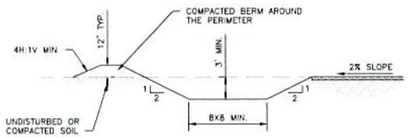
PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
N/A

SHEET NO.:
C-402



PLAN



SECTION A-A

CONCRETE TRUCK WASHOUT AREA NOTES:

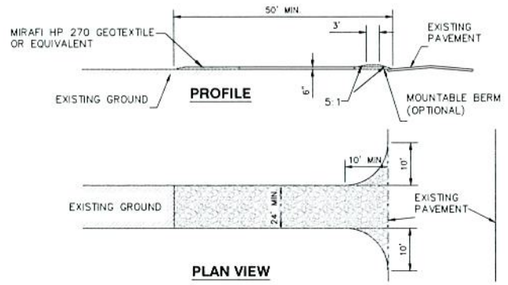
1. LOCATE THE FACILITY A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SURFACE WATER.
2. PREVENT SURFACE WATER FROM ENTERING THE STRUCTURE EXCEPT FOR THE ACCESS ROAD.
3. PROVIDE A GRAVEL ACCESS ROAD TO FACILITY THAT IS SLOPED DOWN TO FACILITY.
4. PLACE SIGNS DIRECTING DRIVERS TO THE FACILITY AFTER THEIR LOAD IS DISCHARGED.
5. LINE ALL WASHOUT FACILITIES TO PREVENT LEACHING OF LIQUIDS INTO THE GROUND. THE LINER SHALL BE PLASTIC SHEETING HAVING A MINIMUM THICKNESS OF 10 MILS WITH NO HOLES OR TEARS, AND ANCHORED BEYOND THE TOP OF THE PIT WITH AN EARTHEN BERM, SAND BAGS, STONE, OR OTHER STRUCTURAL APPURTENANCES EXCEPT AT THE ACCESS POINT.
6. PREFABRICATED WASHOUT FACILITIES CAN BE USED BUT THEY MUST CAPTURE AND CONTAIN CONCRETE WASH AND BE SIMILARLY SIZED AS SHOWN ABOVE AND LOCATED AS NOTED ABOVE.
7. WASH WATER IS ESTIMATED TO BE 7 GALLONS PER CHUTE AND 50 GALLONS PER HOPPER OF A PUMP TRUCK AND/OR DISCHARGING DRUM.

MAINTENANCE:

1. INSPECT ALL FACILITIES DAILY.
2. DEACTIVATE, REPAIR, AND/OR REPLACE DAMAGED OR LEAKING FACILITIES.
3. PUMP EXCESS ACCUMULATED RAINWATER TO A STABILIZED AREA, SUCH AS A GRASS FILTER STRIP.
4. REMOVE ACCUMULATED HARDENED MATERIAL WHEN 75% OF THE STORAGE CAPACITY OF THE FACILITY IS FILLED. ANY EXCESS WASH WATER PUMP INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF-SITE AT A PERMITTED C&D LANDFILL. NO ONSITE DISPOSAL WILL BE ALLOWED.
5. REPLACE THE PLASTIC LINER WITH EACH CLEANING OF THE FACILITY.
6. INSPECT PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.

CONCRETE WASHOUT

DETAIL 1 / C-403
SCALE: N.T.S.



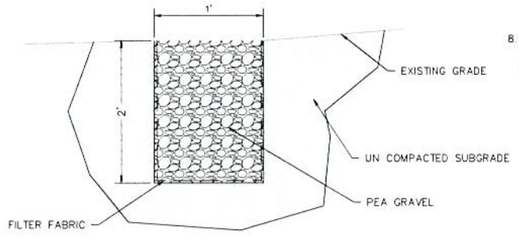
PLAN VIEW

STABILIZED CONSTRUCTION ENTRANCE NOTES:

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. THICKNESS – NOT LESS THAN SIX (6) INCHES.
3. WIDTH – TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR FEET (24) FOOT IF SINGLE ENTRANCE TO SITE.
4. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50'.
5. GEOTEXTILE – MIRAFI HP 270 GEOTEXTILE OR EQUIVALENT, PLACE OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – MAINTAIN THE ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – CLEAN WHEELS TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PROVIDE WEEKLY INSPECTION AND NEEDED MAINTENANCE.

STABILIZED CONSTRUCTION ENTRANCE

DETAIL 2 / C-403
SCALE: N.T.S.

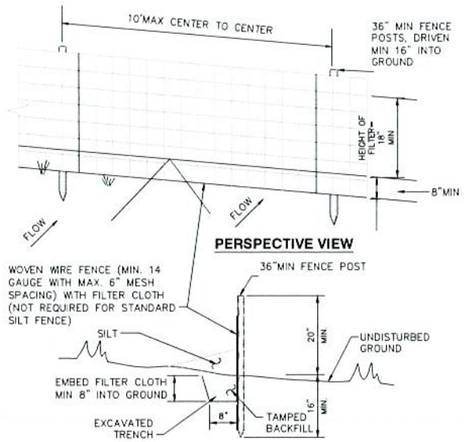


NOTES:

1. FILTER FABRIC SHALL BE MIRAFI 180-N OR OTHER CLASS "C" CRITERIA FILTER FABRIC EQUIVALENT.
2. AVOID DRIVING EQUIPMENT OVER DIAPHRAGM DURING CONSTRUCTION.

GRAVEL DIAPHRAGM

DETAIL 5 / C-403
SCALE: N.T.S.



SECTION

SILT FENCE NOTES:

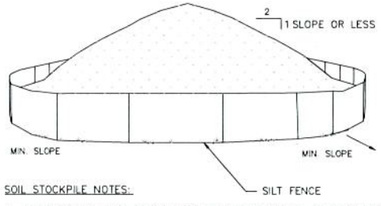
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. SECURELY FASTEN FILTER CLOTH TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
4. PERFORM MAINTENANCE AS NEEDED AND REMOVE MATERIALS WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. USE SILT FENCE WHERE EROSION COULD OCCUR IN THE FORM OF SHEET EROSION.
6. DO NOT USE SILT FENCE WHEN A CONCENTRATION OF WATER IS FLOWING TO THE BARRIER AND SOIL CONDITIONS DO NOT ALLOW FOR PROPER KEYING OF FABRIC, OR OTHER ANCHORAGE, TO PREVENT BLOWOUTS.
7. THE TYPE OF SILT FENCE SHALL NOT EXCEED THE MAXIMUM SLOPE LENGTH AND MAXIMUM FENCE LENGTH REQUIREMENTS SHOWN IN THE FOLLOWING TABLE.

SLOPE	STEEPNESS	SLOPE LENGTH/FENCE LENGTH (FT)		
		STANDARD	REINFORCED	SUPER
<2%	<50:1	300/1500	N/A	N/A
2–10%	50:1 TO 10:1	125/1000	250/2000	300/2500
10–20%	10:1 TO 5:1	100/750	150/1000	200/1000
20–33%	5:1 TO 3:1	60/500	80/750	100/1000
33–50%	3:1 TO 2:1	40/250	70/350	100/500
>50%	>2:1	20/125	30/175	50/250

8. STANDARD SILT FENCE DOES NOT REQUIRE WOVEN WIRE FENCE. SUPER SILT FENCE REQUIRES CHAIN LINK FENCE IN-LIEU OF WOVEN WIRE FENCE AND THE POSTS MUST BE STANDARD CHAIN LINK FENCE POSTS AND BE DRIVEN 3 FEET INTO THE GROUND.

SILT FENCE

DETAIL 3 / C-403
SCALE: N.T.S.

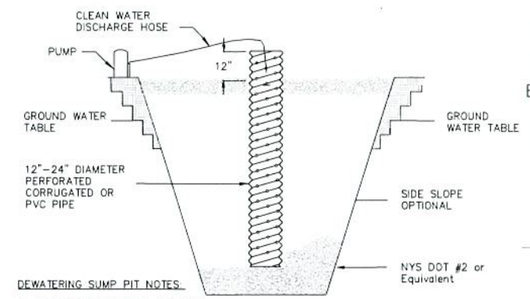


SOIL STOCKPILE NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V:2H.
3. UPON COMPLETION OF SOIL STOCKPILING, SURROUND EACH PILE WITH SILT FENCING, THEN STABILIZE WITH VEGETATION OR COVER THE STOCKPILE IF IT REMAINS FOR MORE THAN 7 DAYS.
4. SEE DETAILS FOR INSTALLATION OF SILT FENCE.
5. STOCKPILE HEIGHT SHOULD GENERALLY NOT EXCEED 20 FEET.

TEMPORARY SOIL STOCKPILE

DETAIL 6 / C-403
SCALE: N.T.S.

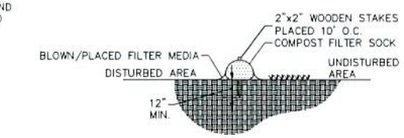


DEWATERING SUMP PIT NOTES:

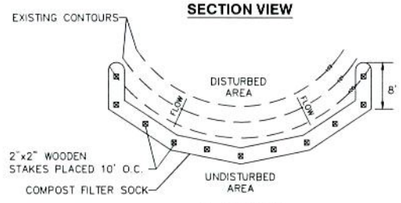
1. PIT DIMENSIONS ARE OPTIONAL.
2. CONSTRUCT THE STANDPIPE BY PERFORATING A 12-24" DIAMETER CORRUGATED OR PVC PIPE.
3. PLACE A BASE OF 2" AGGREGATE IN THE PIT TO A DEPTH OF 12" AFTER INSTALLING THE STANDPIPE, BACKFILL THE PIT SURROUNDING THE STANDPIPE WITH 2" AGGREGATE.
4. EXTEND THE STANDPIPE 12-18" ABOVE THE LIP OF THE PIT.
5. DISCHARGE TURBID WATER PUMPED FROM THE STANDPIPE SHOULD BE TO A SEDIMENT TRAP, SEDIMENT BASIN, FILTER BAG OR STABILIZED AREA, SUCH AS A FILTER STRIP.
6. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, WRAP THE STANDPIPE WITH FILTER CLOTH BEFORE INSTALLATION. IF DESIRED, ¼" – ½" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE, PRIOR TO ATTACHING THE FILTER CLOTH.

DEWATERING SUMP PIT

DETAIL 4 / C-403
SCALE: N.T.S.



SECTION VIEW



PLAN VIEW

COMPOST FILTER SOCK NOTES:

1. SOCK FABRIC SHALL MEET STANDARDS LISTED IN TABLE 5.1 OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (2016 OR LATEST VERSION). COMPOST SHALL MEET THE STANDARDS LISTED IN TABLE 5.2.
2. PLACE COMPOST FILTER SOCK AT EXISTING LEVEL GRADE. EXTEND BOTH ENDS OF THE SOCK AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK.
5. INSPECT SOCKS WEEKLY AND AFTER EACH RUNOFF EVENT. REPAIR DAMAGED SOCKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACE WITHIN 24 HOURS OF INSPECTION.
6. REPLACE BIODEGRADABLE FILTER SOCKS AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. REPLACE POLYPROPYLENE SOCKS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
7. UPON STABILIZATION OF THE TRIBUTARY AREA TO THE SOCKS, REMOVE STAKES. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, CUT OPEN THE MESH AND SPREAD THE MULCH AS A SOIL SUPPLEMENT.

COMPOST FILTER SOCK

DETAIL 7 / C-403
SCALE: N.T.S.

NOT FOR CONSTRUCTION

Printed: 7/5/2022 2:50 PM
W:\Goldehead Development\11 – Baldinsville Lysander\05 – Civil Design\04–Plan Set\LYSANDER–C–30IFP–403–EROSION & SEDIMENT.dwg

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

TETRA TECH

STAMP:

Brian Sielski

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

PROJECT NUMBERS:
194-1081-0016

SHEET TITLE:
EROSION & SEDIMENT CONTROL DETAILS

SHEET SIZE:
ARCH "D"
24" X 36" (610 x 914)
0 1" 2"

NO.	REVISION	DATE	INIT.
A	PERMITTING	07/05/2022	AGF

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

PROJECT PHASE:
30% ISSUED FOR PERMITTING

SCALE:
N/A

SHEET NO.:
C-403